

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095918.D
 Acq On : 14 Jun 2017 5:43
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Quant Time: Jun 14 08:19:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	74258	20.00	ng	-0.05
21) Naphthalene-d8	9.39	136	281085	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	111260	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	174440	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	141872	20.00	ng	-0.04
86) Perylene-d12	19.99	264	103477	20.00	ng	-0.03

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System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	410542	88.10	ng	-0.05
7) Phenol-d6	6.92	99	468635	84.00	ng	-0.04
23) Nitrobenzene-d5	8.28	82	382981	84.62	ng	-0.04
41) 2,4,6-Tribromophenol	13.50	330	72898	74.05	ng	-0.05
44) 2-Fluorobiphenyl	11.17	172	689793	86.28	ng	-0.05
78) Terphenyl-d14	16.97	244	504614	88.27	ng	-0.04

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Target Compounds

						Qvalue
2) 1,4-Dioxane	1.65	88	88180	39.78	ng	94
3) Pyridine	2.19	79	221327	42.48	ng	99
4) n-Nitrosodimethylamine	2.17	42	83294	42.05	ng	79
6) Aniline	6.85	93	298034	40.83	ng	95
8) 2-Chlorophenol	7.04	128	207474	41.87	ng	94
9) Benzaldehyde	6.66	77	145085	38.55	ng	98
10) Phenol	6.94	94	241980	41.81	ng	92
11) bis(2-Chloroethyl)ether	7.00	93	196111	42.78	ng	97
12) 1,3-Dichlorobenzene	7.25	146	228308	40.71	ng	99
13) 1,4-Dichlorobenzene	7.38	146	238152	41.87	ng	97
14) 1,2-Dichlorobenzene	7.62	146	216397	41.27	ng	94
15) Benzyl Alcohol	7.66	79	153069	39.97	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	265388	41.20	ng	97
17) 2-Methylphenol	7.89	107	172246	41.42	ng	95
18) Hexachloroethane	8.13	117	60129	32.01	ng	# 85
19) n-Nitroso-di-n-propylamine	8.09	70	143996	40.73	ng	93
20) 3+4-Methylphenols	8.15	107	224846	42.60	ng	# 56
22) Acetophenone	8.05	105	283686	43.12	ng	# 84
24) Nitrobenzene	8.30	77	207960	43.01	ng	93
25) Isophorone	8.71	82	345815	40.92	ng	# 94
26) 2-Nitrophenol	8.82	139	86440	34.14	ng	99
27) 2,4-Dimethylphenol	8.97	122	168801	42.96	ng	96
28) bis(2-Chloroethoxy)methane	9.09	93	238584	42.83	ng	99
29) 2,4-Dichlorophenol	9.25	162	152756	40.37	ng	95
30) 1,2,4-Trichlorobenzene	9.32	180	163162	41.44	ng	99
31) Naphthalene	9.42	128	577469	40.94	ng	99
32) Benzoic acid	9.31	122	59143m	26.64	ng	
33) 4-Chloroaniline	9.57	127	226325	41.05	ng	# 93
34) Hexachlorobutadiene	9.64	225	87248	42.89	ng	97
35) Caprolactam	10.22	113	45132	40.08	ng	88
36) 4-Chloro-3-methylphenol	10.45	107	153086	38.65	ng	91
37) 2-Methylnaphthalene	10.55	142	372288	39.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.83	216	144904	43.52	ng	98
42) 2,4,6-Trichlorophenol	11.06	196	90432	42.24	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	90053	39.55	nq	94
45) 1,1'-Biphenyl	11.32	154	397590	43.36	nq	98
46) 2-Chloronaphthalene	11.33	162	303456	42.35	nq	96
47) 2-Nitroaniline	11.55	65	92732	44.23	nq	# 82
48) Acenaphthylene	11.98	152	482921	39.42	nq	99
49) Dimethylphthalate	11.87	163	364156	43.11	nq	100 mohammad
50) 2,6-Dinitrotoluene	11.96	165	67570	36.67	nq	# 78
51) Acenaphthene	12.26	154	276015	39.01	nq	98
52) 3-Nitroaniline	12.23	138	93242	43.43	nq	91
54) Dibenzofuran	12.55	168	389482	39.11	nq	98
55) 4-Nitrophenol	12.69	139	39831	34.57	nq	# 80 6/14/2017 4:25:30 PM
56) 2,4-Dinitrotoluene	12.64	165	84486	33.95	nq	# 88
57) Fluorene	13.10	166	328942	37.96	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.80	232	58711	37.68	nq	# 91
59) Diethylphthalate	13.01	149	337859	41.56	nq	99
60) 4-Chlorophenyl-phenylether	13.13	204	147185	39.05	nq	92
61) 4-Nitroaniline	13.23	138	88787	44.30	nq	96
62) Azobenzene	13.39	77	267784	36.34	nq	93
64) 4,6-Dinitro-2-methylphenol	13.35	198	2955	2.58	nq	# 1
65) n-Nitrosodiphenylamine	13.34	169	270665	43.18	nq	99
66) 4-Bromophenyl-phenylether	13.91	248	76747	42.33	nq	96
67) Hexachlorobenzene	14.00	284	74184	41.53	nq	# 92
68) Atrazine	14.26	200	67631	38.77	nq	97
69) Pentachlorophenol	14.37	266	18136	31.17	nq	93
70) Phenanthrene	14.64	178	419365	41.67	nq	97
71) Anthracene	14.73	178	437304	41.62	nq	97
72) Carbazole	15.03	167	443060	43.27	nq	97
73) Di-n-butylphthalate	15.62	149	486993	44.70	nq	# 98
74) Fluoranthene	16.42	202	436381	43.80	nq	99
76) Benzidine	16.66	184	229276	42.08	nq	# 92
77) Pyrene	16.72	202	455467	43.03	nq	99
79) Butylbenzylphthalate	17.64	149	208722	45.15	nq	88
80) Benzo(a)anthracene	18.31	228	343191	41.61	nq	98
81) 3,3'-Dichlorobenzidine	18.30	252	134611	45.90	nq	# 94
82) Chrysene	18.36	228	338777	41.10	nq	97
83) Bis(2-ethylhexyl)phthalate	18.40	149	294773	45.20	nq	# 99
84) Di-n-octyl phthalate	19.16	149	479459	44.62	nq	96
85) Indeno(1,2,3-cd)pyrene	21.16	276	235527	33.39	nq	100
87) Benzo(b)fluoranthene	19.59	252	262454	40.51	nq	98
88) Benzo(k)fluoranthene	19.62	252	281289	45.42	nq	96
89) Benzo(a)pyrene	19.94	252	247173	41.50	nq	98
90) Dibenzo(a,h)anthracene	21.16	278	203247	40.23	nq	98
91) Benzo(g,h,i)perylene	21.49	276	200708	38.97	nq	99

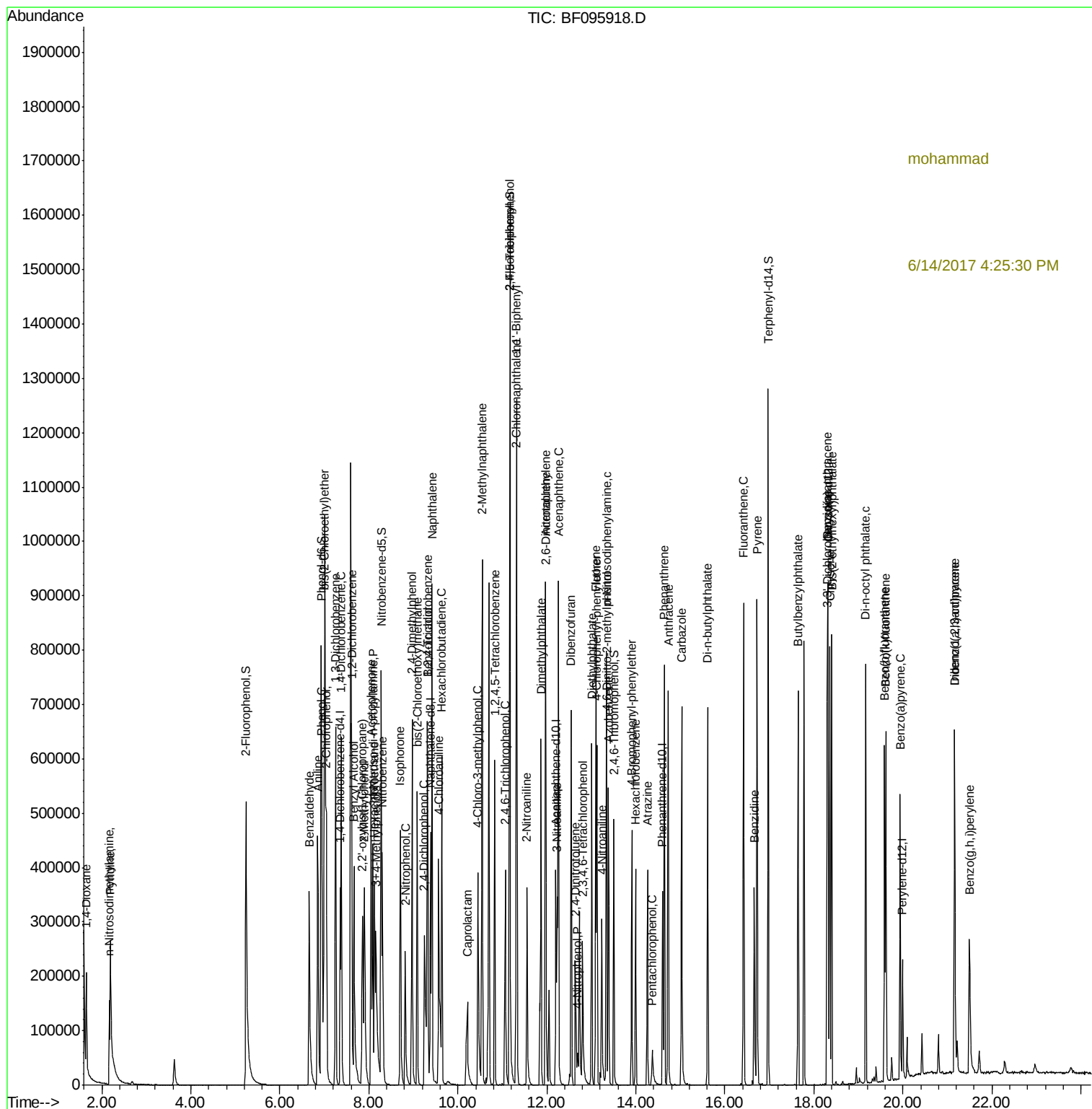
(#) = qualifier out of range (m) = manual integration (+) = signals summed

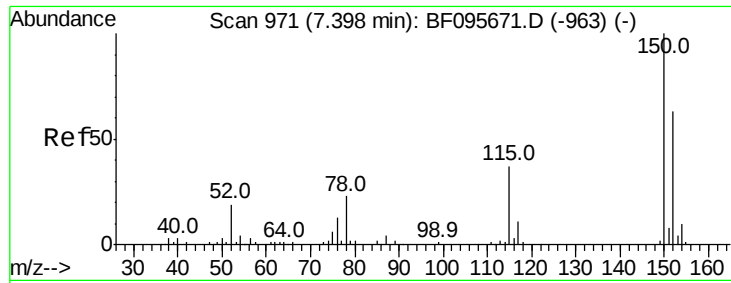
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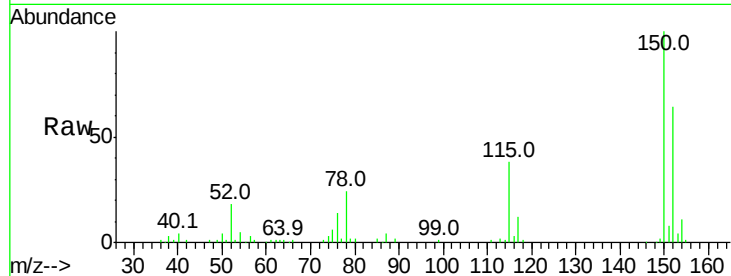
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

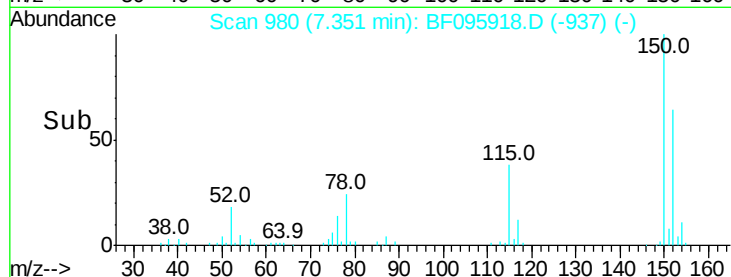
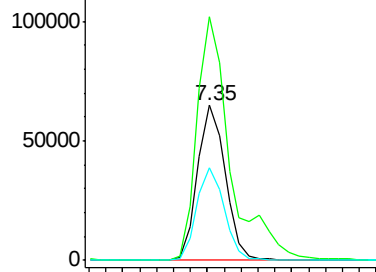
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	59.8	52.2	78.2

Manual Integrations
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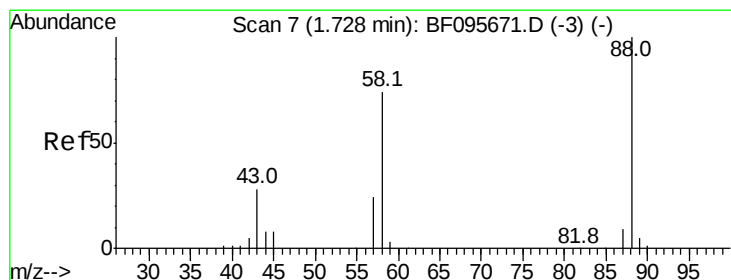


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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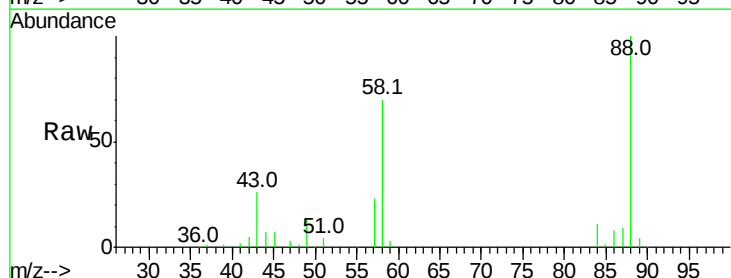
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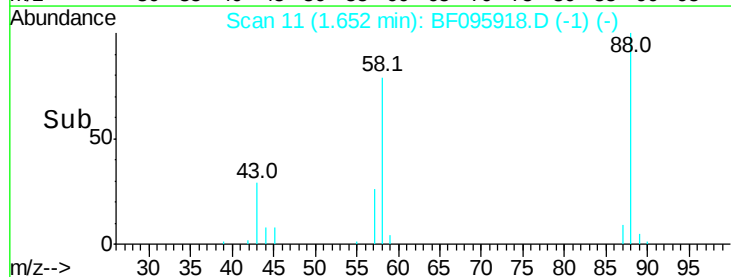
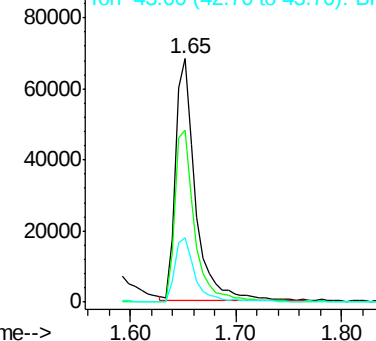
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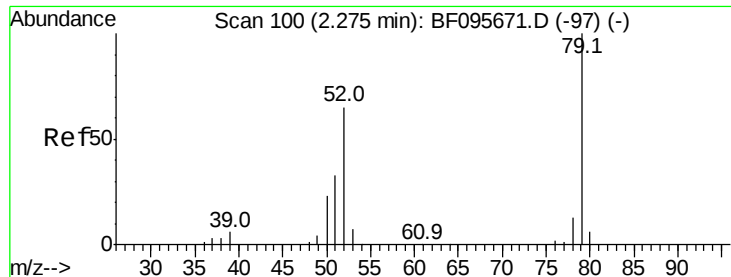
1,4-Dioxane
Concen: 39.78 ng
RT: 1.65 min Scan# 11
Delta R.T. -0.08 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	61.4	92.0
43	27.1	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



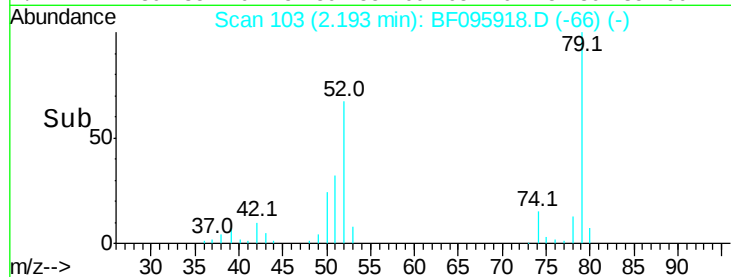
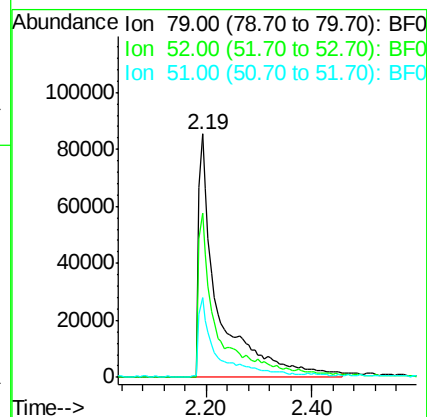
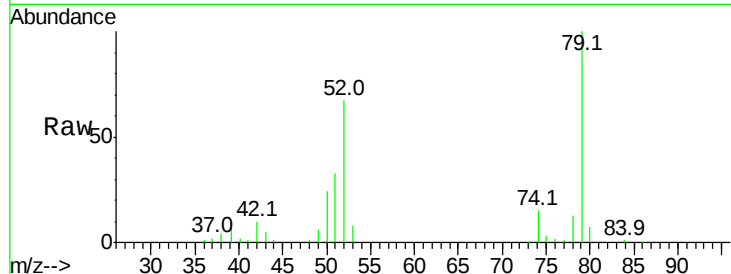


#3
Pvridine
Concen: 42.48 ng
RT: 2.19 min Scan# 103
Delta R.T. -0.08 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
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ClientSampleId :
SSTDCCC040

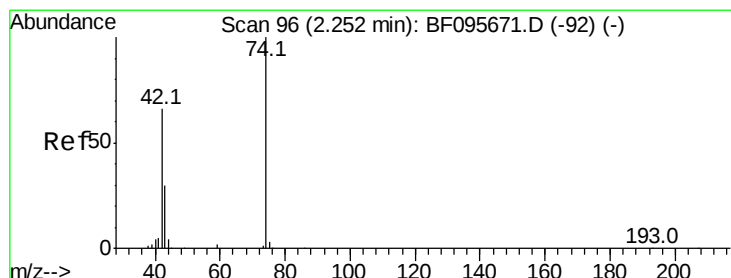
Tot Ion	Ratio	Lower	Upper
79	100		
52	67.3	54.8	82.2
51	33.0	27.0	40.4

Manual Integrations
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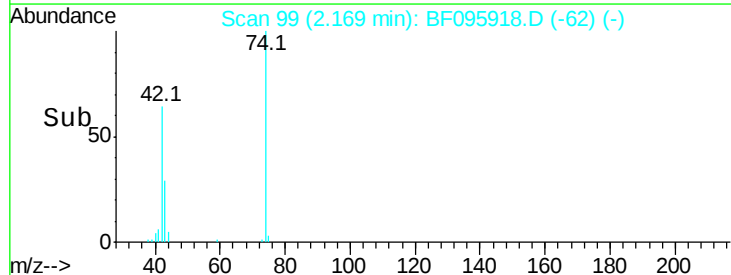
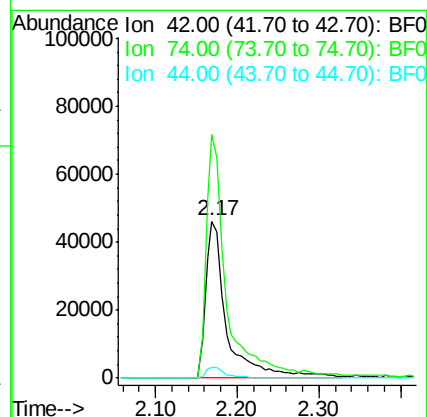
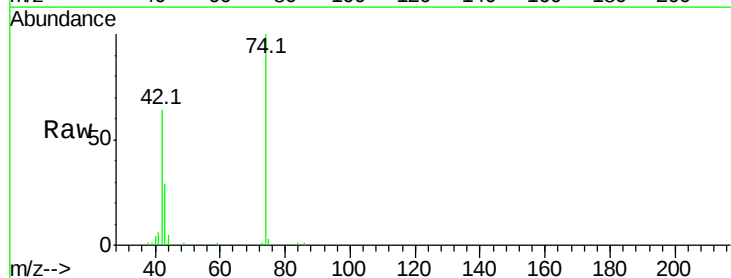
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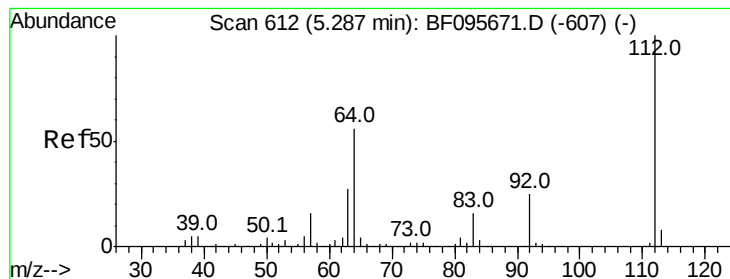
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#4
n-Nitrosodimethylamine
Concen: 42.05 ng
RT: 2.17 min Scan# 99
Delta R.T. -0.08 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.1	103.9	155.9
44	7.0	5.7	8.5



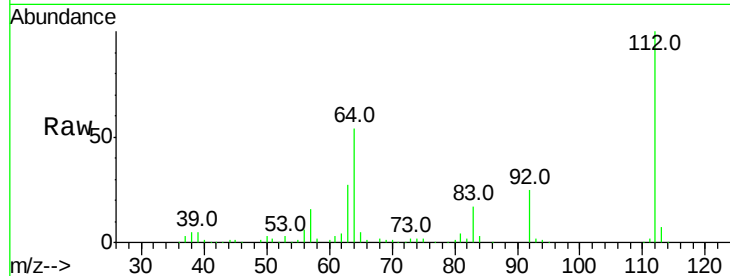


#5
2-Fluorophenol
Concen: 88.10 ng
RT: 5.23 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

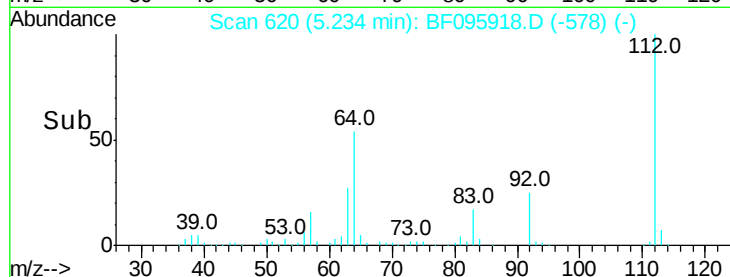
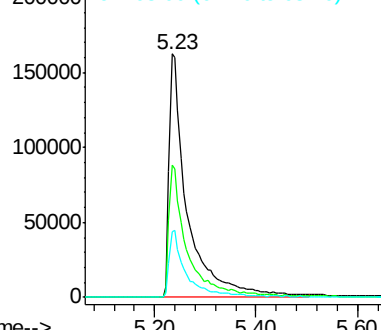
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.3	46.0	69.0
63	27.0	23.4	35.0

Manual Integrations
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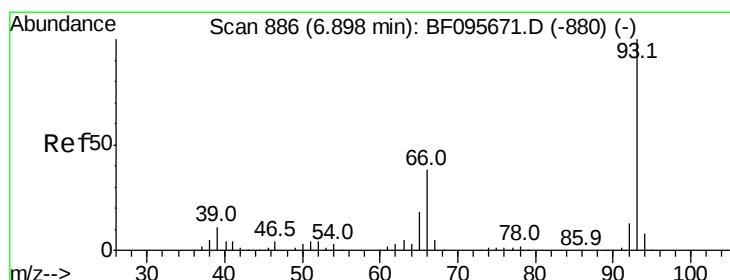


Abundance Ion 112.00 (111.70 to 112.70): E



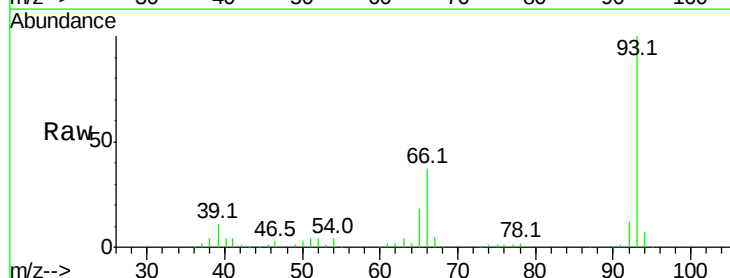
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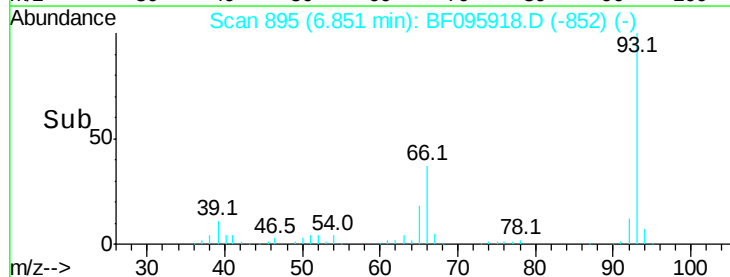
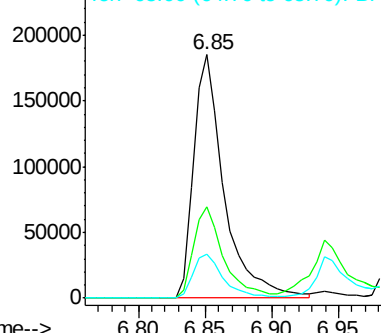


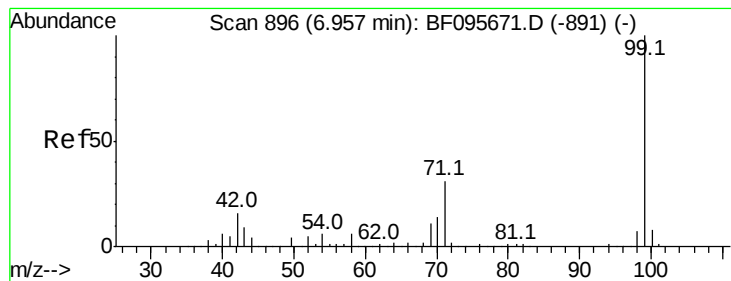
#6
Aniline
Concen: 40.83 ng
RT: 6.85 min Scan# 895
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.3	32.9	49.3
65	18.2	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 84.00 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

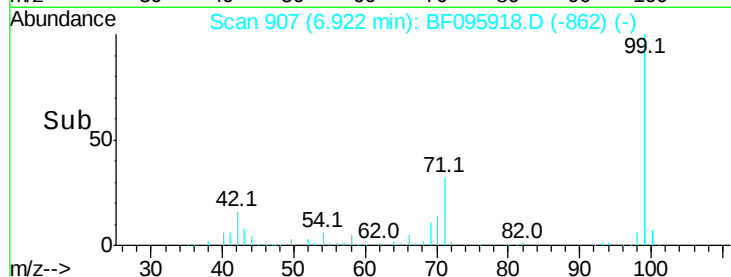
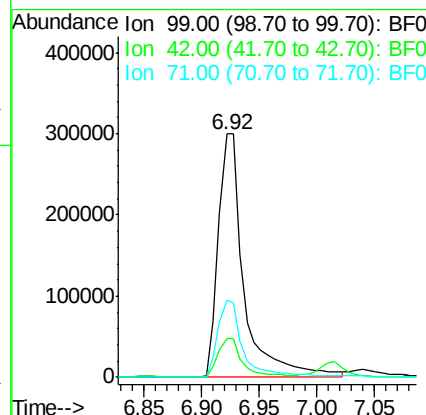
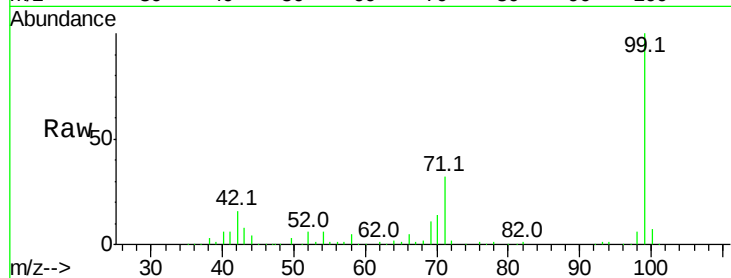
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ClientSampleId :

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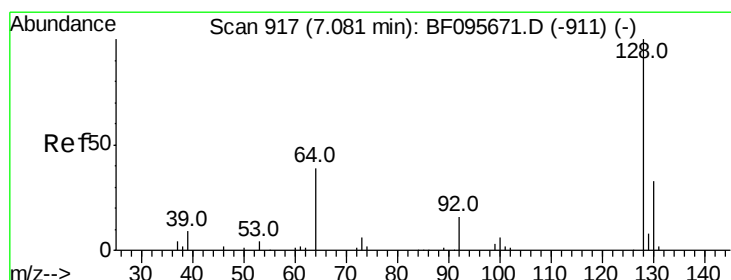
Tot Ion:	99	Resp:	468635
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	31.7	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.87 ng

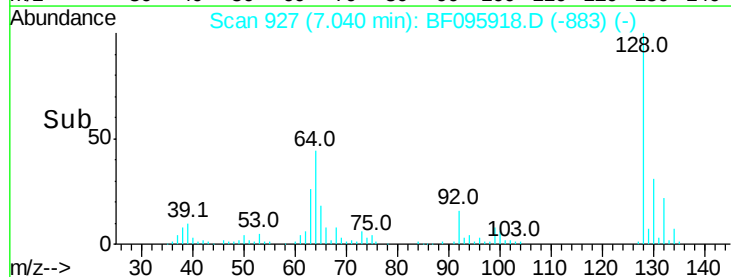
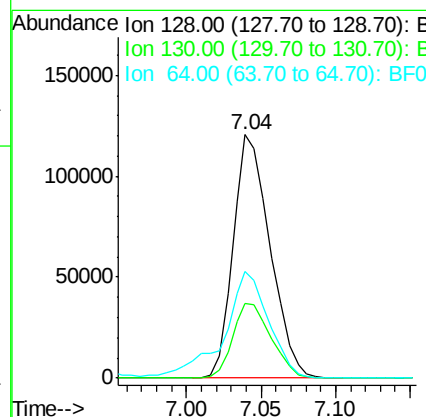
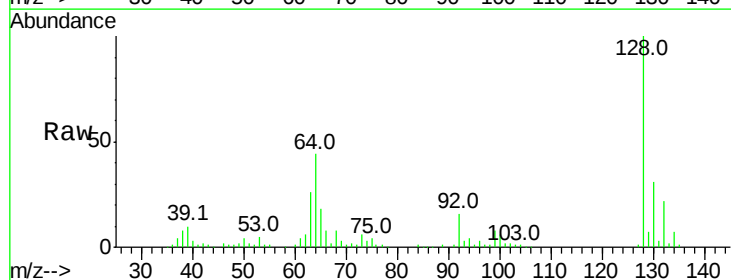
RT: 7.04 min Scan# 927

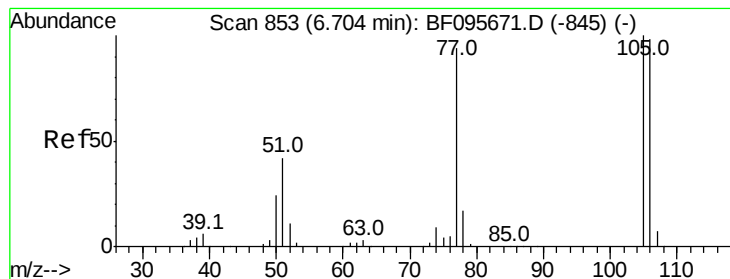
Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Tgt Ion:	128	Resp:	207474
Ion Ratio	Lower	Upper	
128	100		
130	30.6	12.9	52.9
64	43.7	28.4	68.4





#9

Benzaldehyde

Concen: 38.55 ng

RT: 6.66 min Scan# 862

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 145085

Ion Ratio Lower Upper

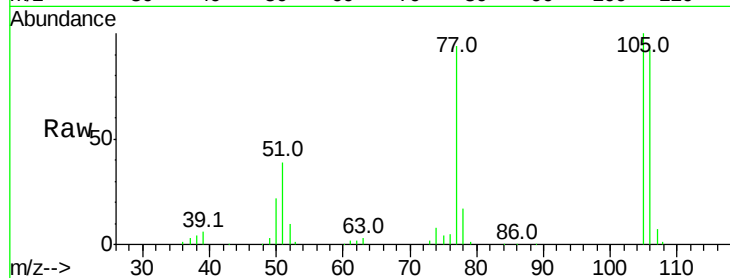
77 100

105 106.0 83.8 123.8

106 97.8 79.1 119.1

Manual Integrations

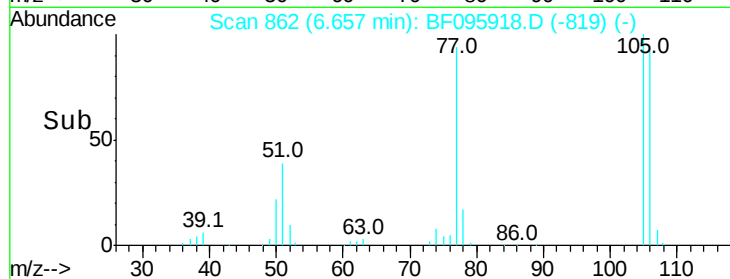
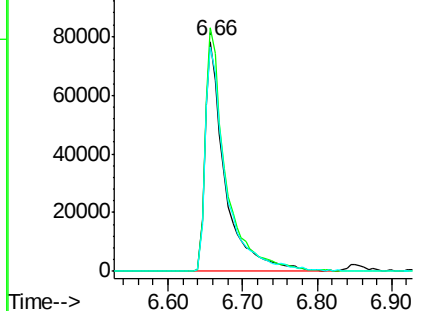
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Abundance Ion 77.00 (76.70 to 77.70): BF0

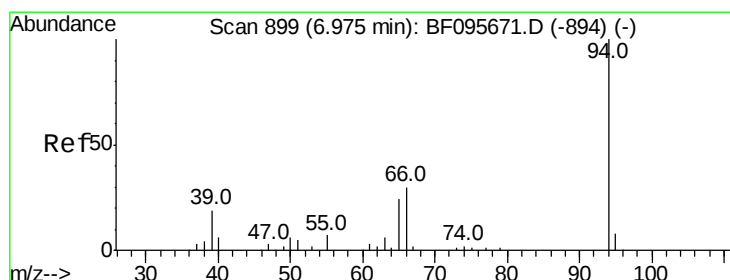
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



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#10

Phenol

Concen: 41.81 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

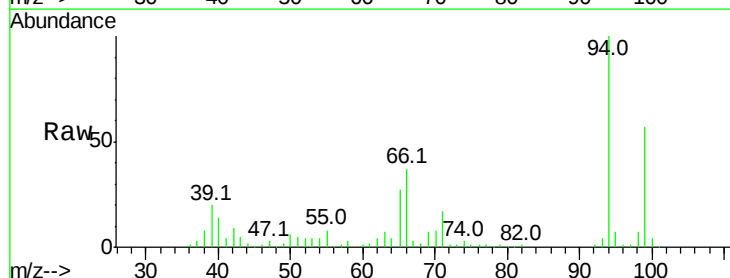
Tgt Ion: 94 Resp: 241980

Ion Ratio Lower Upper

94 100

65 26.8 9.9 49.9

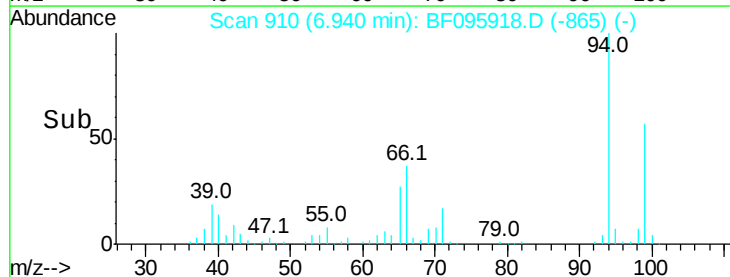
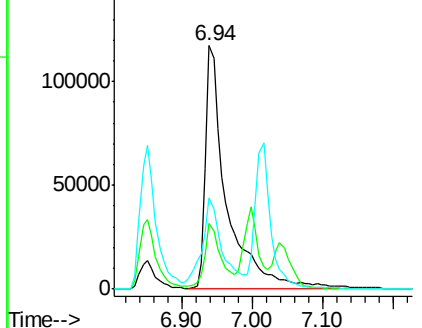
66 37.4 23.1 63.1

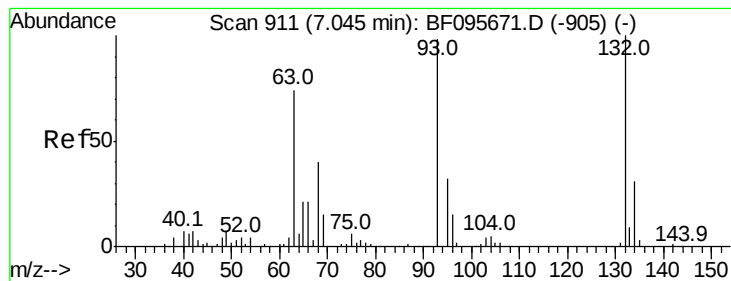


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



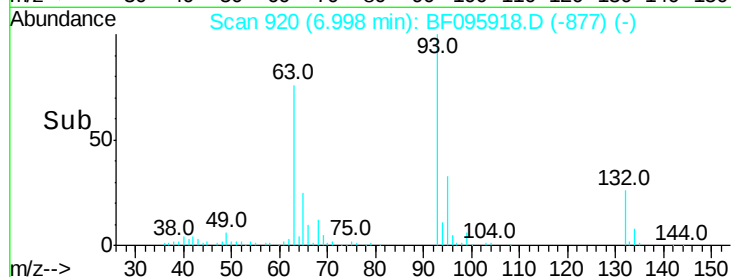
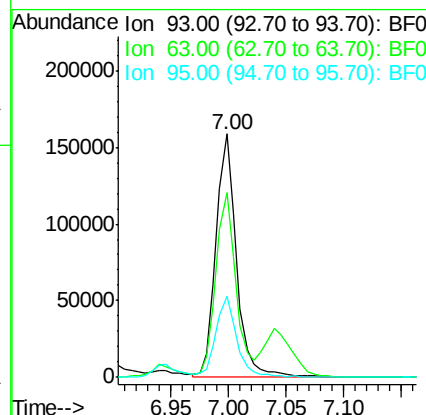
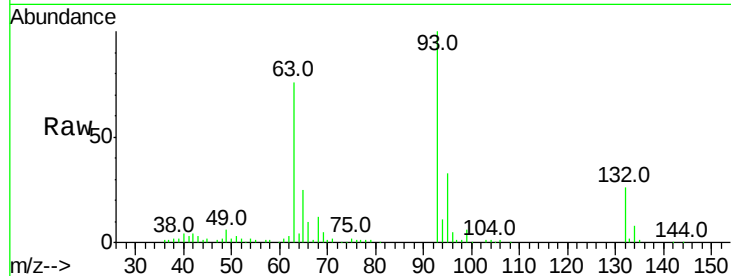


#11
bis(2-Chloroethyl)ether
Concen: 42.78 ng
RT: 7.00 min Scan# 920
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

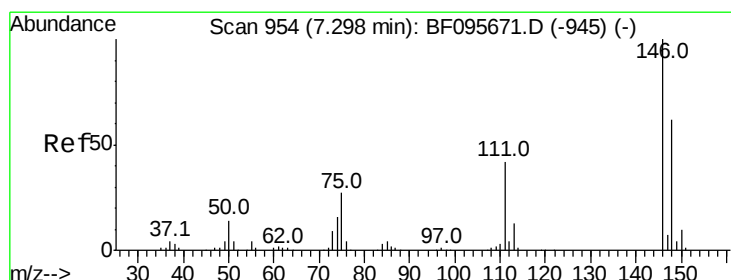
Tot Ion:	93	Resp:	196111
Ion Ratio	Lower	Upper	
93	100		
63	75.8	59.2	99.2
95	33.0	12.8	52.8

Manual Integrations
APPROVED



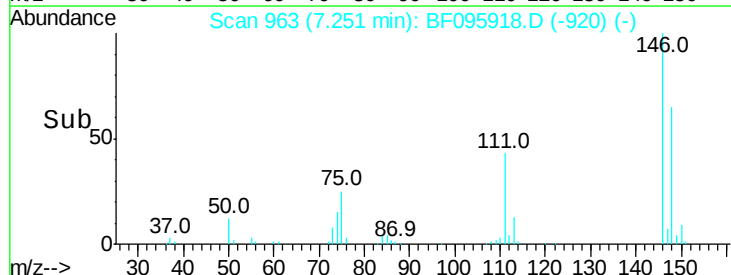
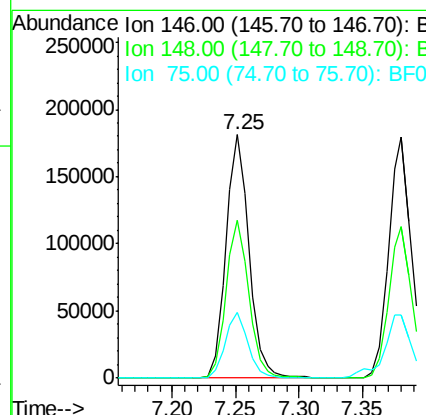
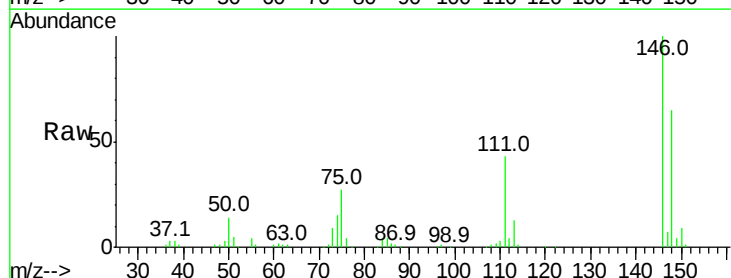
mohammad

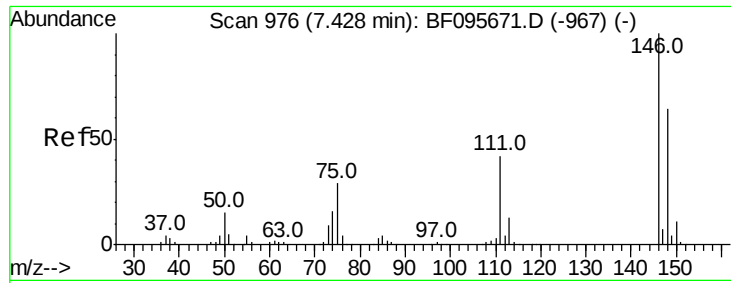
6/14/2017 4:25:30 PM



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 7.25 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:	146	Resp:	228308
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
75	27.2	23.1	34.7



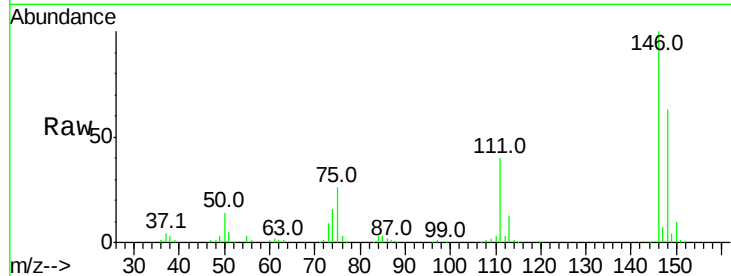


#13
 1,4-Dichlorobenzene
 Concen: 41.87 ng
 RT: 7.38 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

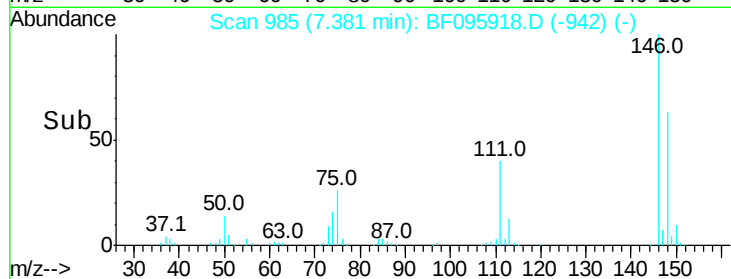
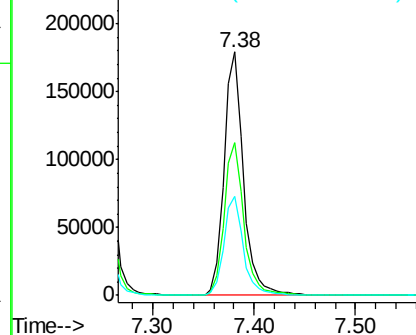
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	40.5	30.3	45.5

Manual Integrations
 APPROVED

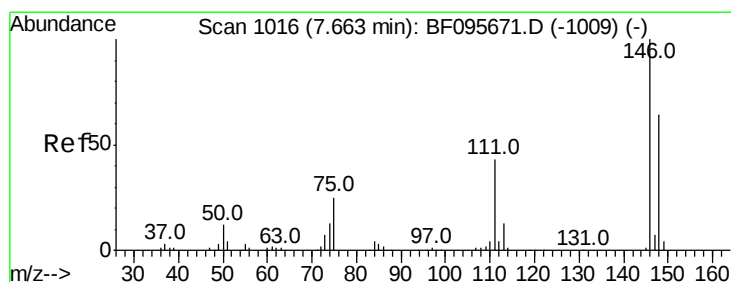


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



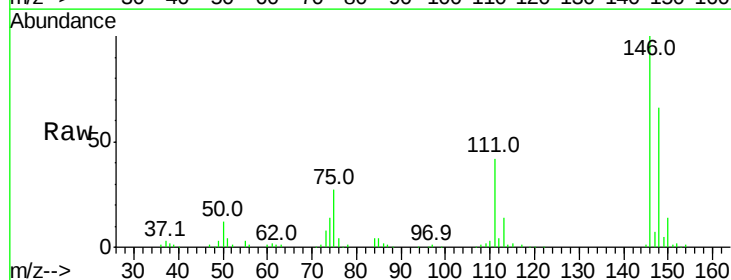
mohammad

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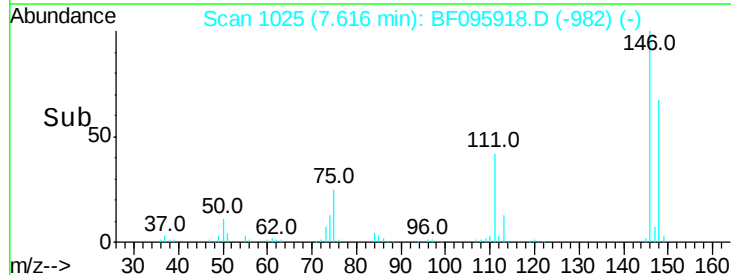
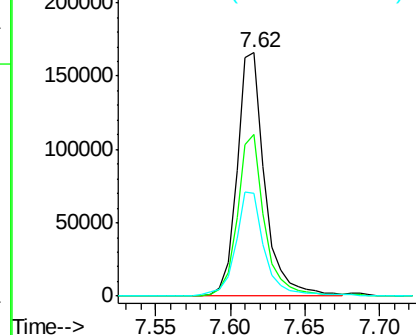


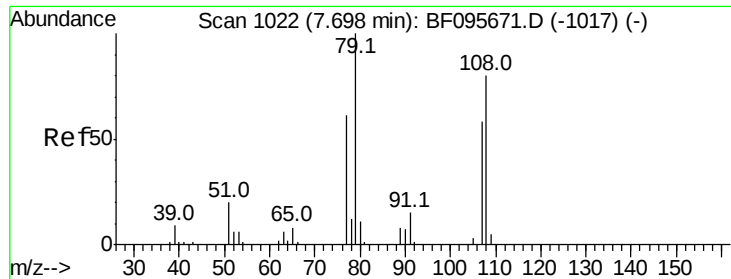
#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng
 RT: 7.62 min Scan# 1025
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.4	75.6
111	42.0	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



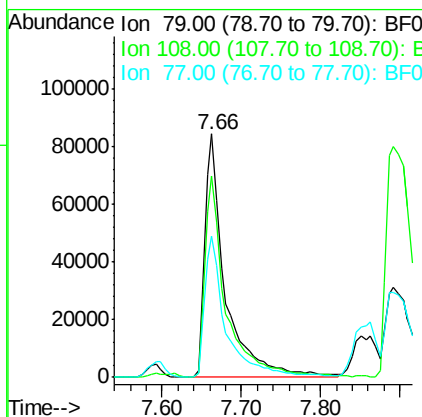
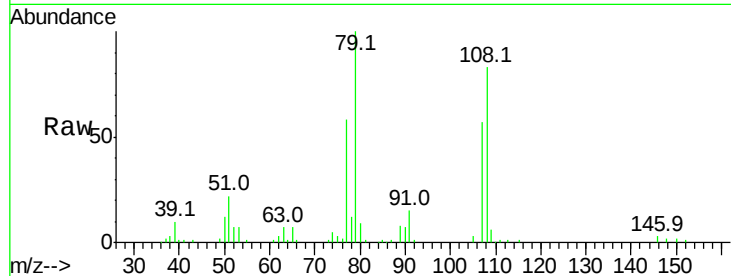


#15
Benzyl Alcohol
Concen: 39.97 ng
RT: 7.66 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

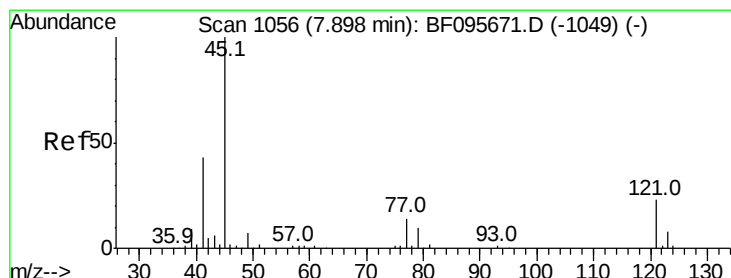
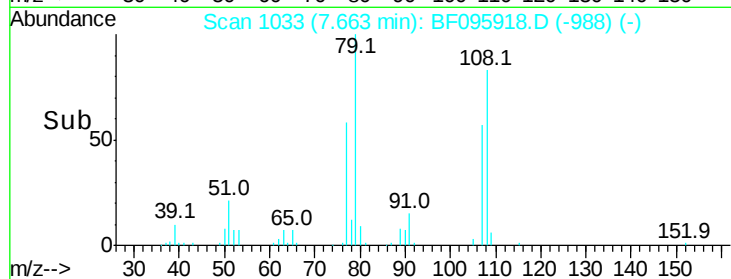
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.6	63.4	95.0
77	58.2	49.2	73.8

Manual Integrations
APPROVED



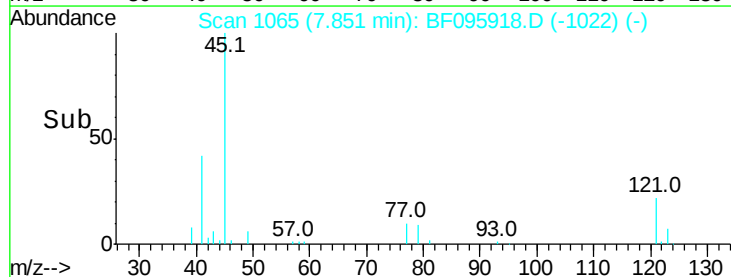
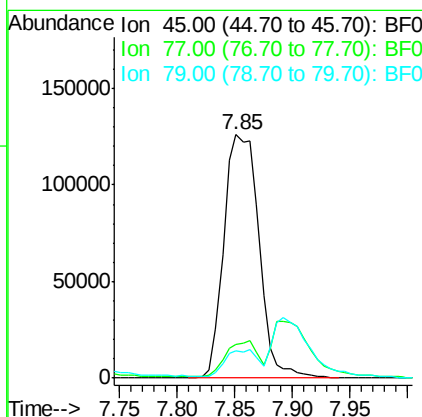
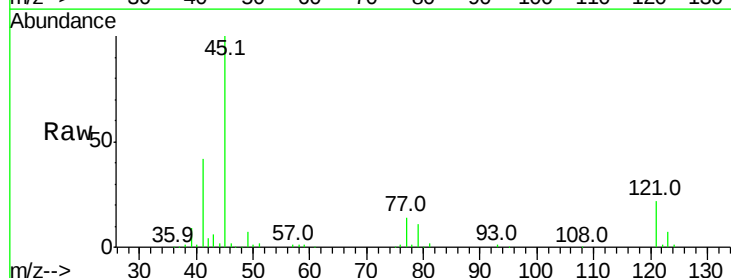
mohammad

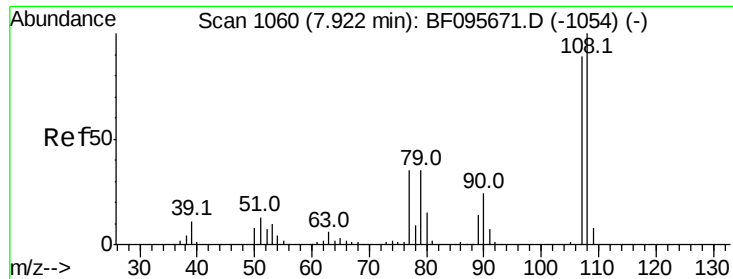
6/14/2017 4:25:30 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.20 ng
RT: 7.85 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.2
79	11.5	0.0	30.0



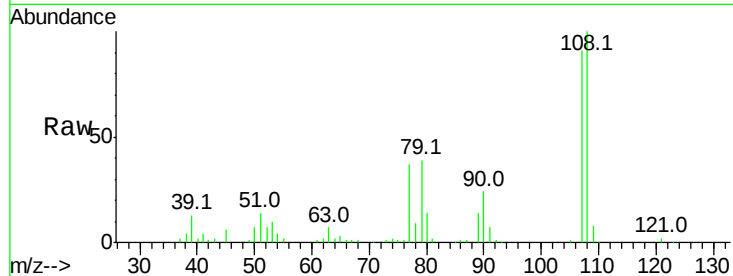


#17
2-Methylphenol
Concen: 41.42 ng
RT: 7.89 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

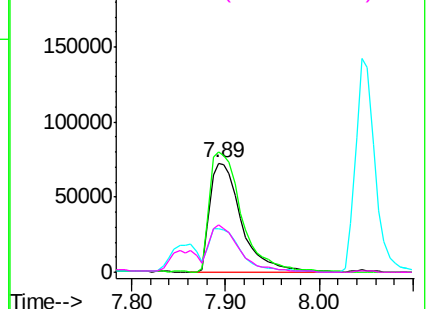
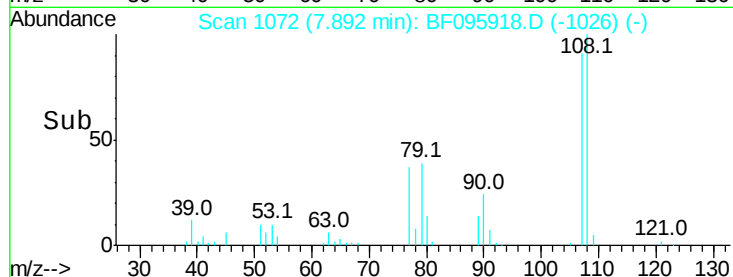
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	172246
Ion Ratio	Lower	Upper	
107	100		
108	110.4	93.4	140.0
77	40.5	35.8	53.6
79	43.1	34.8	52.2

Manual Integrations
APPROVED

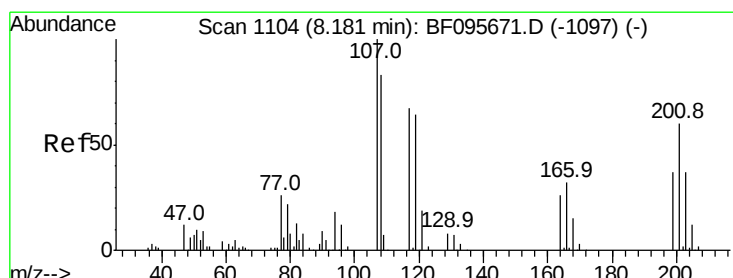


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



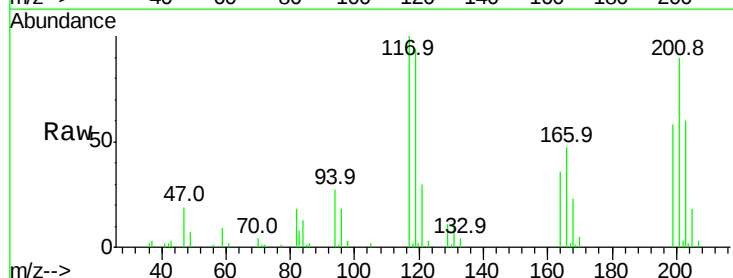
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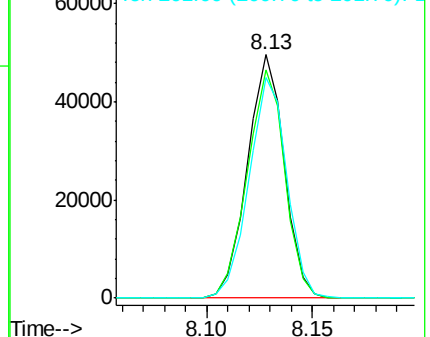
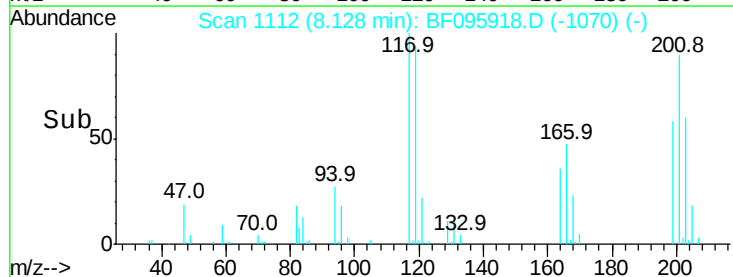


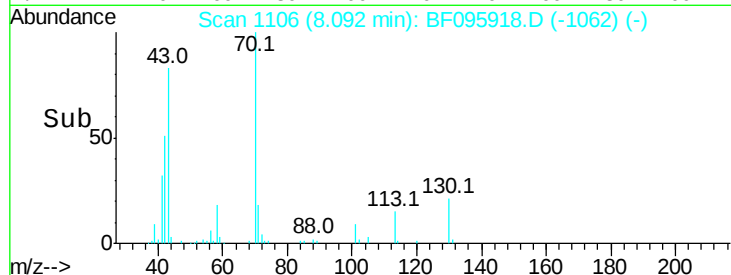
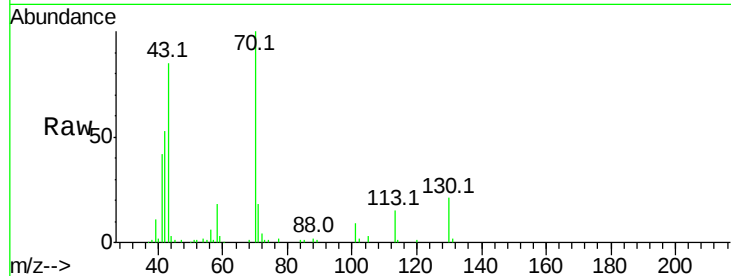
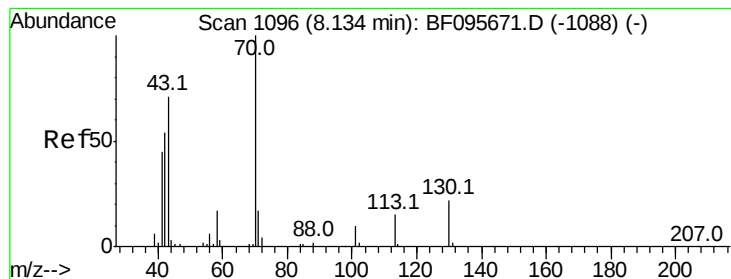
#18
Hexachloroethane
Concen: 32.01 ng
RT: 8.13 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:	117	Resp:	60129
Ion Ratio	Lower	Upper	
117	100		
119	93.8	77.4	116.0
201	90.4	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.73 ng

RT: 8.09 min Scan# 1106

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 143996

Ion Ratio Lower Upper

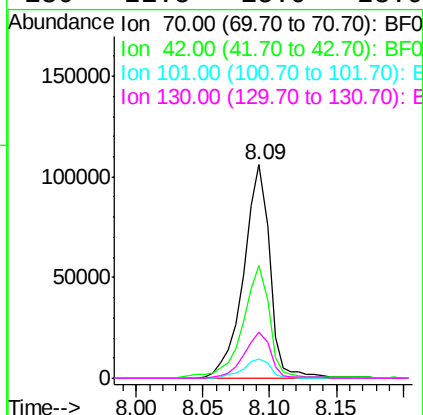
70 100

42 52.5 47.2 70.8

101 9.3 7.2 10.8

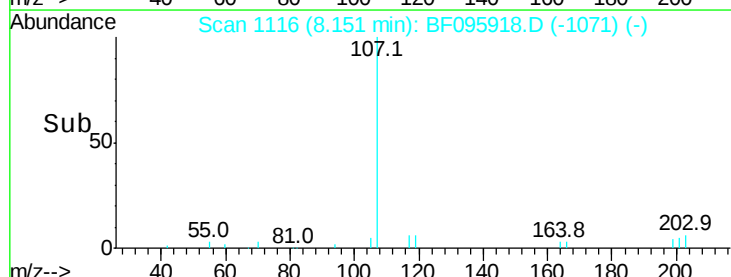
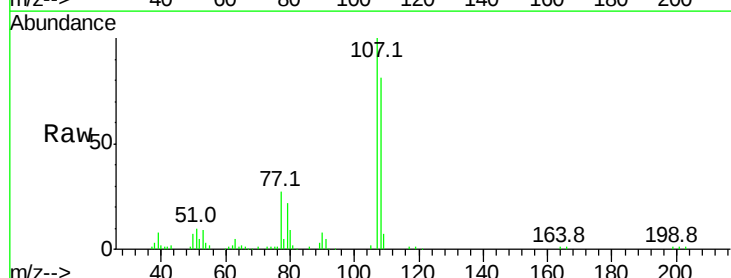
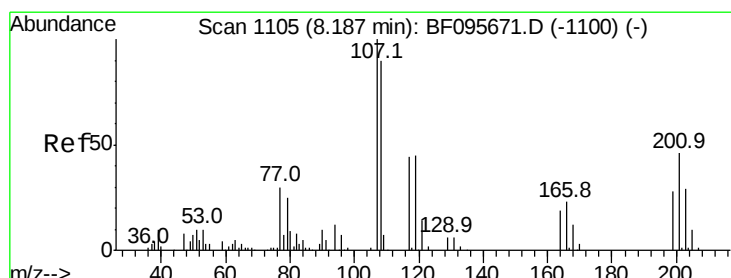
130 21.5 15.9 23.9

Manual Integrations
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#20

3+4-Methylphenols

Concen: 42.60 ng

RT: 8.15 min Scan# 1116

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Tgt Ion: 107 Resp: 224846

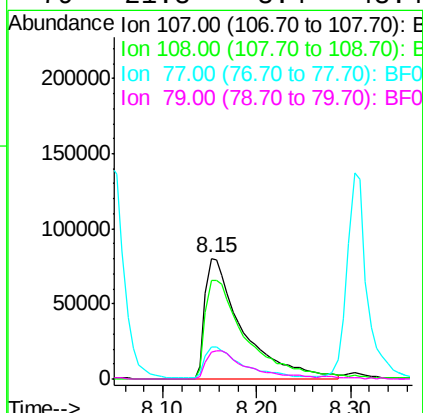
Ion Ratio Lower Upper

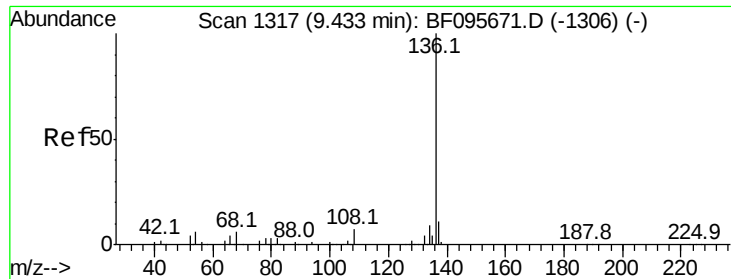
107 100

108 81.0 71.0 111.0

77 26.6 90.5 130.5#

79 21.8 8.4 48.4



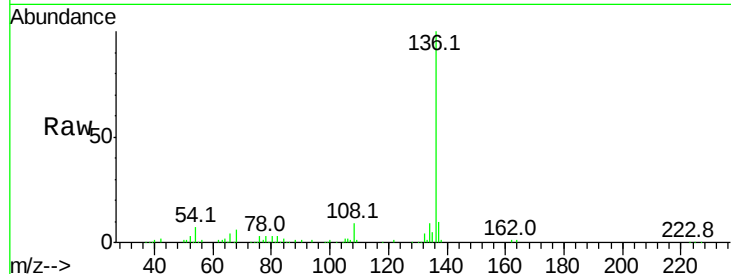


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

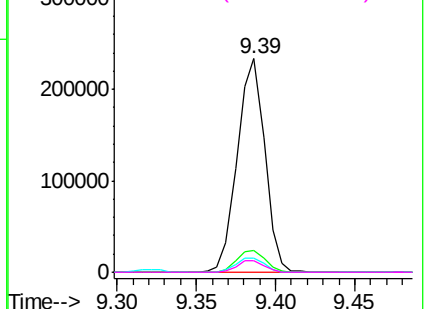
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.5	12.7	
54	6.6	4.9	7.3	
68	5.5	4.1	6.1	

Manual Integrations
APPROVED

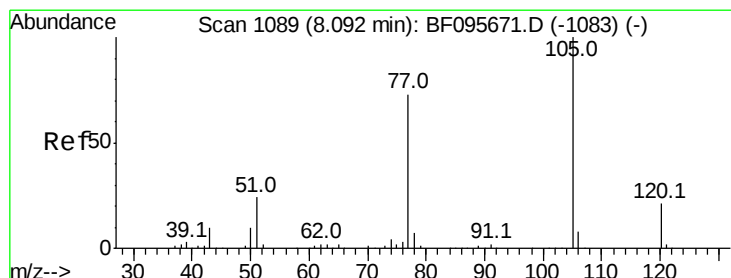
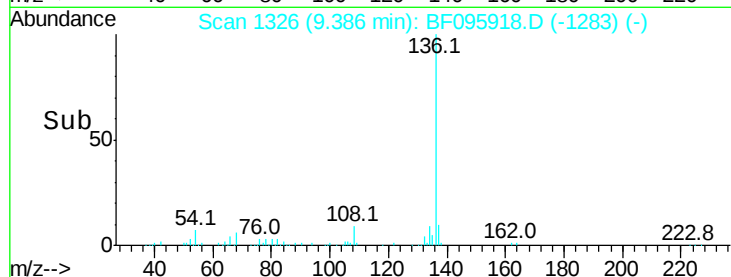


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



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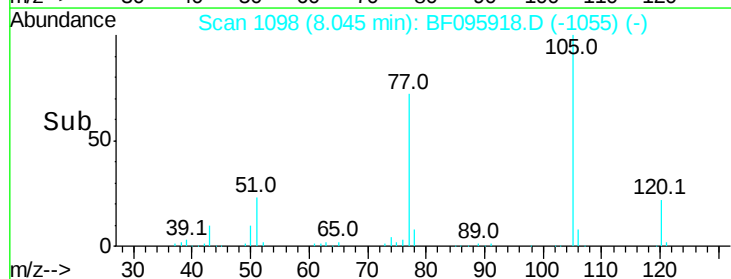
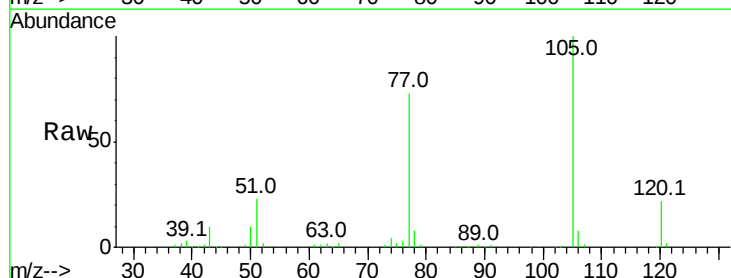
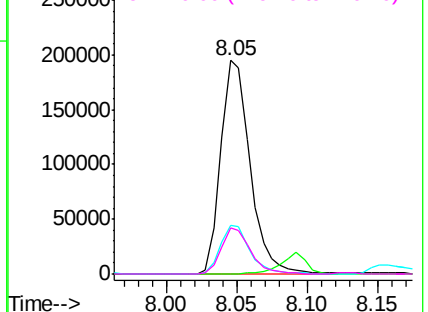
6/14/2017 4:25:30 PM

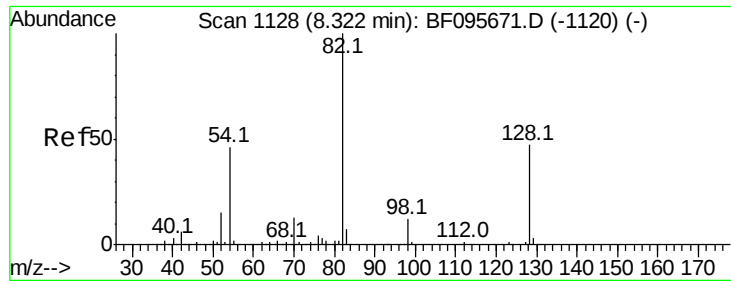


#22
Acetophenone
Concen: 43.12 ng
RT: 8.05 min Scan# 1098
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.8	30.7	46.1#	
120	21.8	17.4	26.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



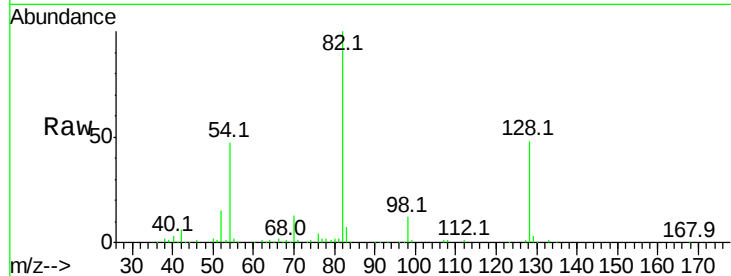


#23
Nitrobenzene-d5
Concen: 84.62 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

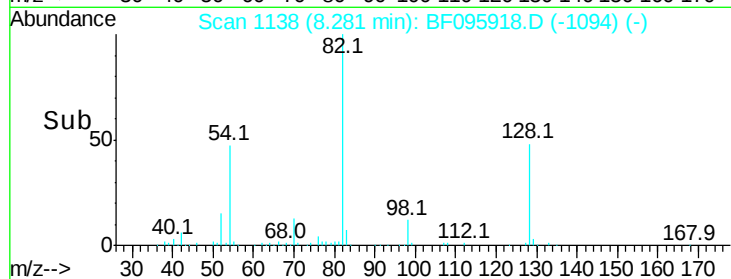
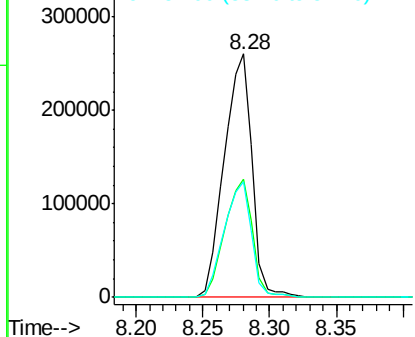
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.4	34.0	51.0	
54	47.5	42.2	63.2	

Manual Integrations
APPROVED

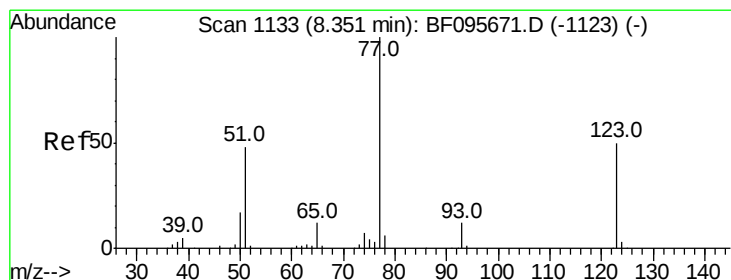


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



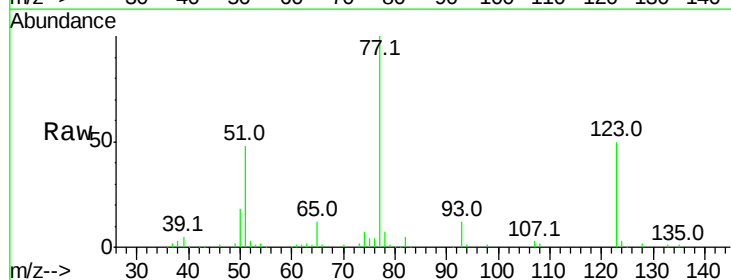
mohammad

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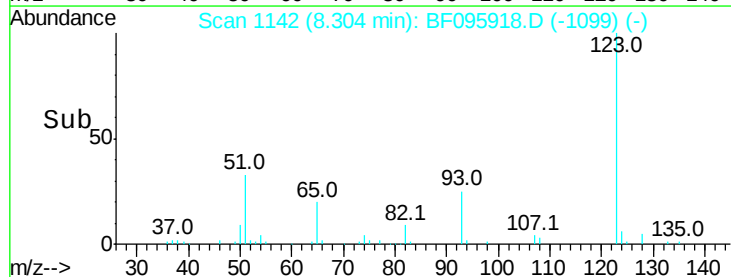
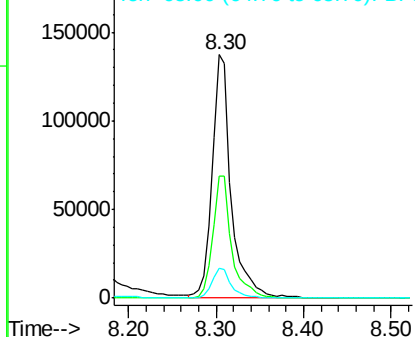


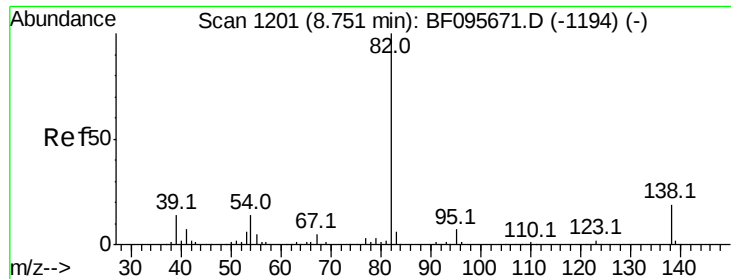
#24
Nitrobenzene
Concen: 43.01 ng
RT: 8.30 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.9	35.8	53.8	
65	12.4	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.92 ng

RT: 8.71 min Scan# 1211

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 345815

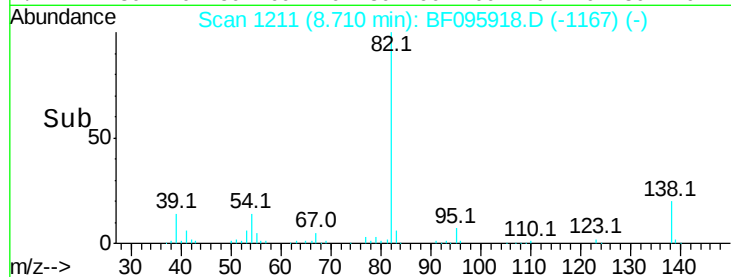
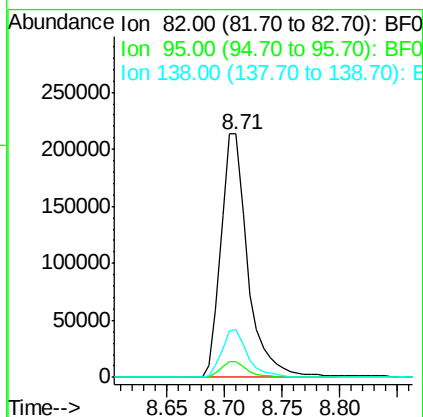
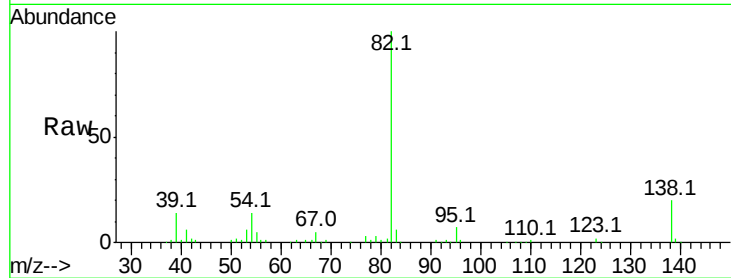
Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

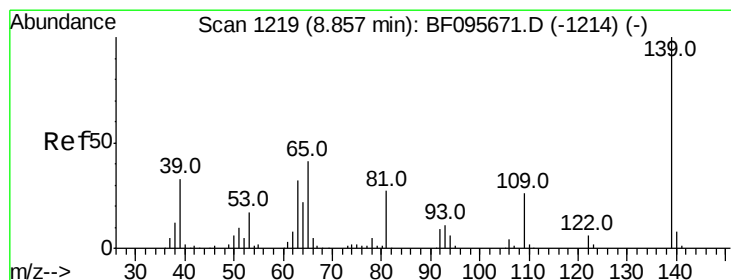
138 19.7 13.1 19.7#

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#26

2-Nitrophenol

Concen: 34.14 ng

RT: 8.82 min Scan# 1229

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

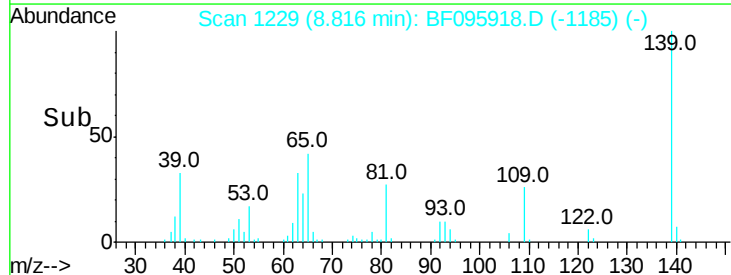
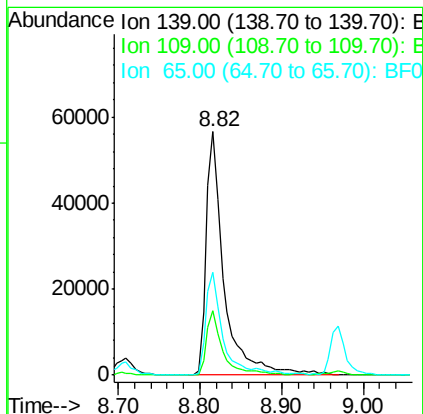
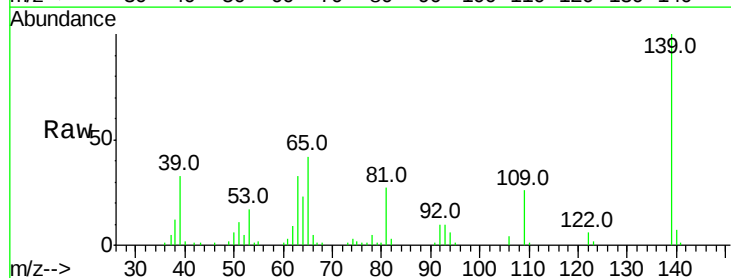
Tgt Ion:139 Resp: 86440

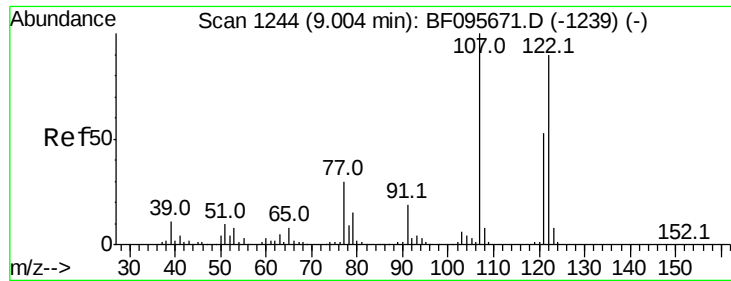
Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

65 42.4 33.0 49.6



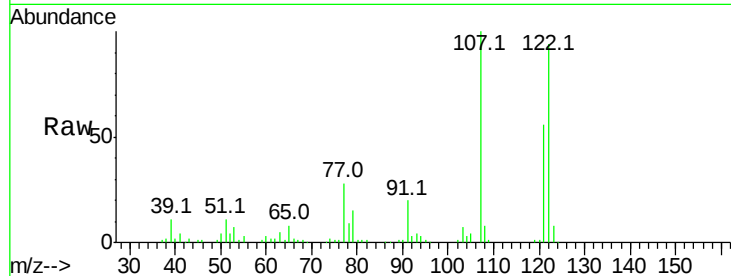


#27
2,4-Dimethylphenol
Concen: 42.96 ng
RT: 8.97 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

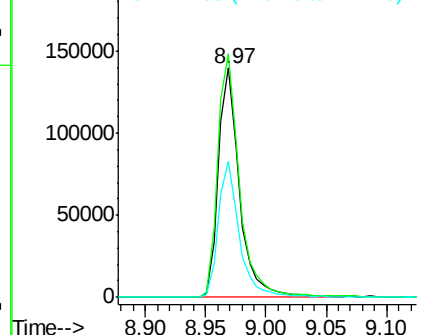
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	168801		
107	106.3	89.2	133.8	
121	59.2	45.2	67.8	

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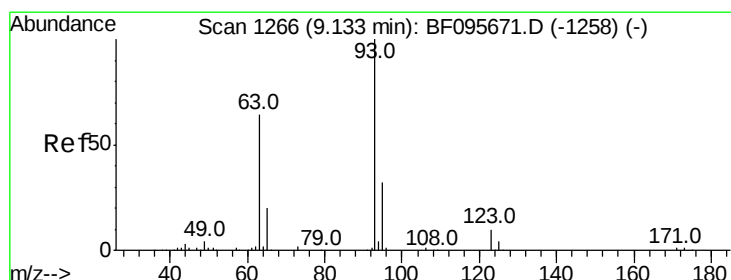
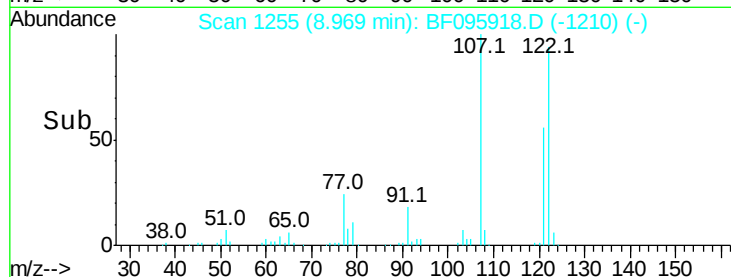


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



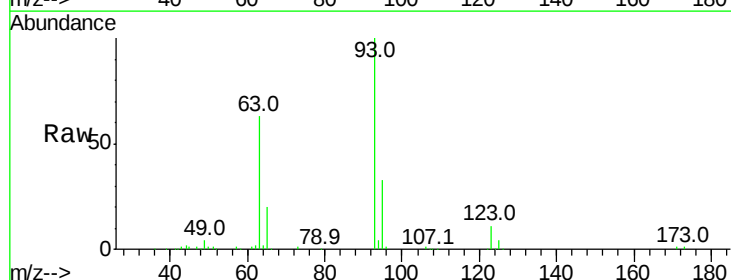
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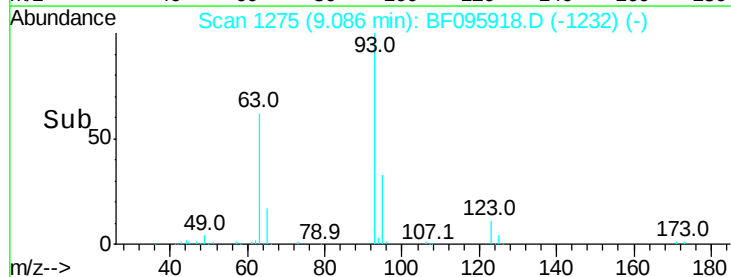
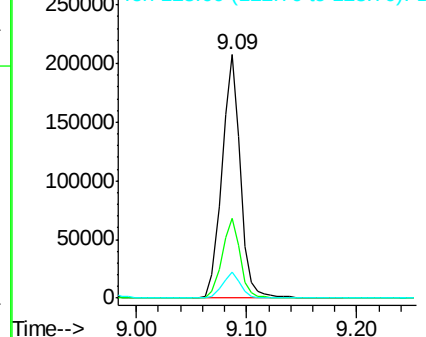


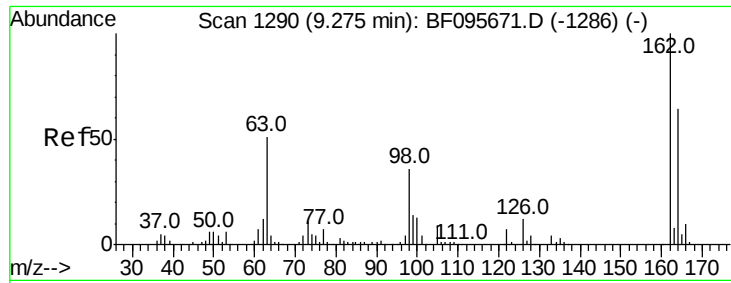
#28
bis(2-Chloroethoxy)methane
Concen: 42.83 ng
RT: 9.09 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	238584		
95	33.0	26.5	39.7	
123	10.6	9.0	13.4	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



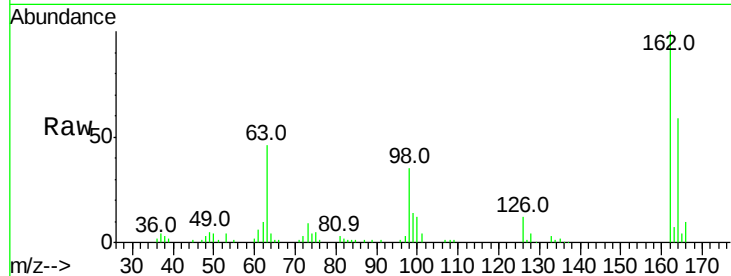


#29
2,4-Dichlorophenol
Concen: 40.37 ng
RT: 9.25 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

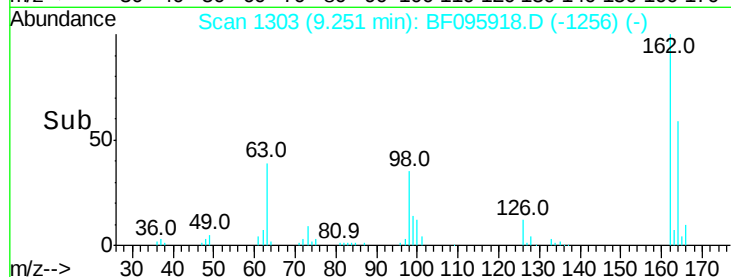
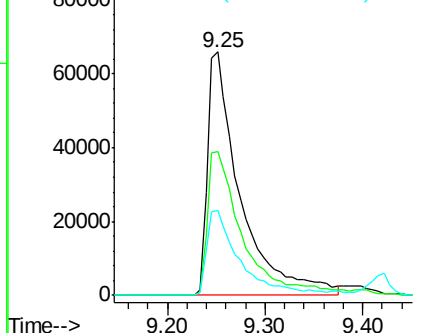
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	59.1	44.6	84.6
98	34.7	14.8	54.8

Manual Integrations
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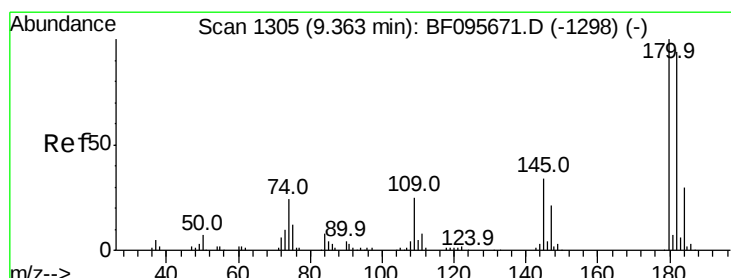


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



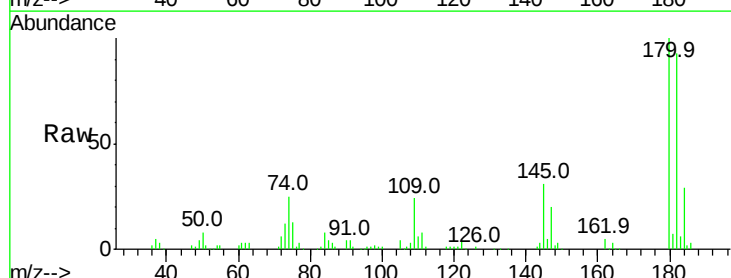
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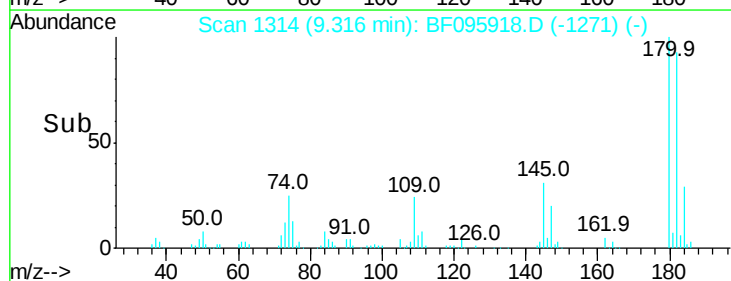
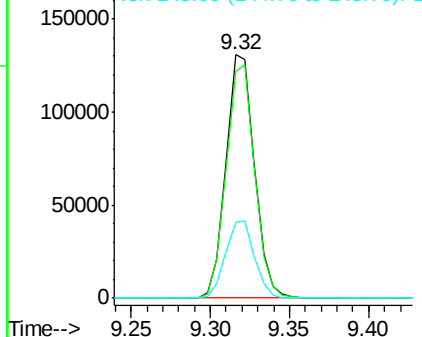


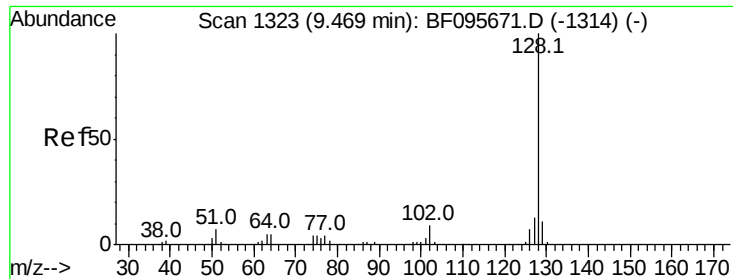
#30
1,2,4-Trichlorobenzene
Concen: 41.44 ng
RT: 9.32 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	75.8	113.6
145	31.2	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



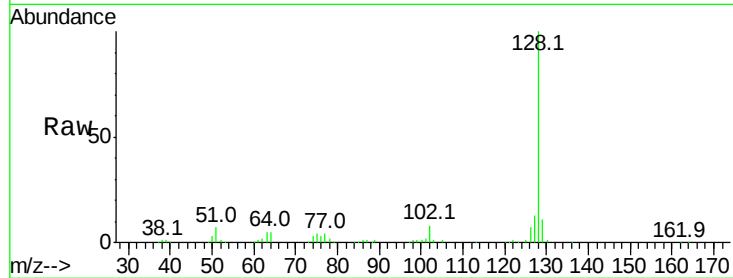


#31
Naphthalene
Concen: 40.94 ng
RT: 9.42 min Scan# 1332
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

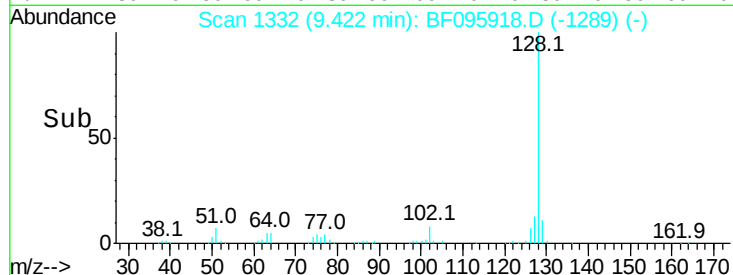
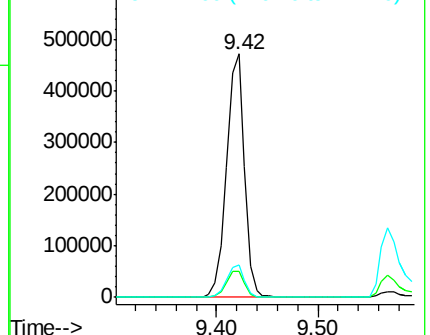
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.4	10.8	16.2

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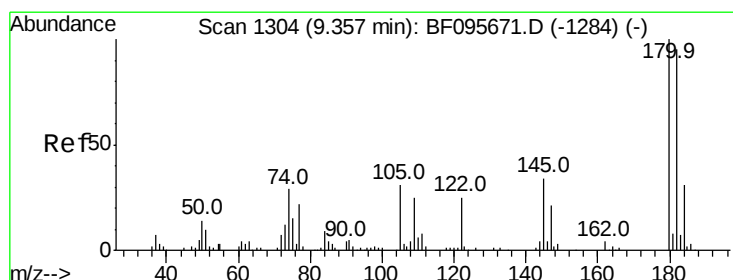


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



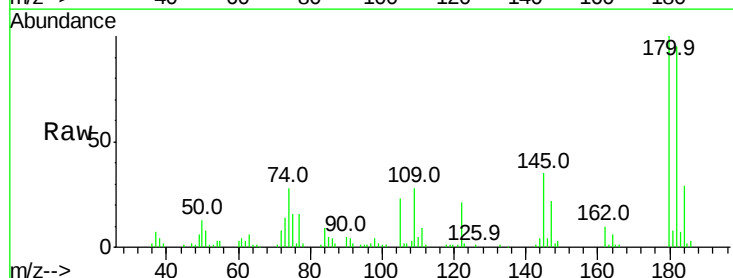
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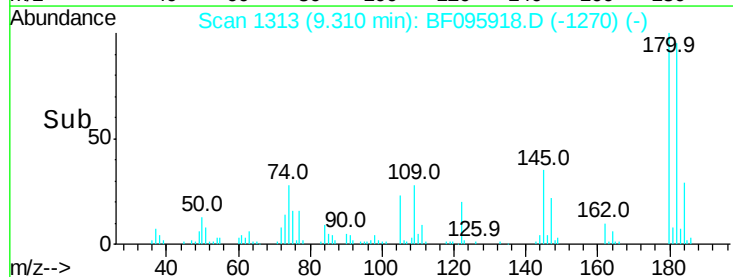
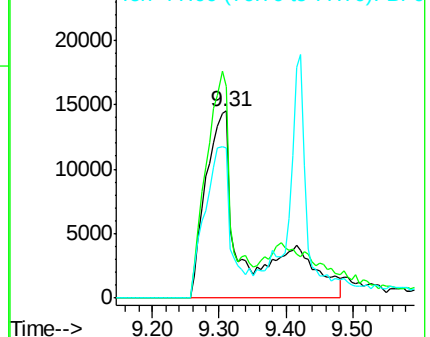


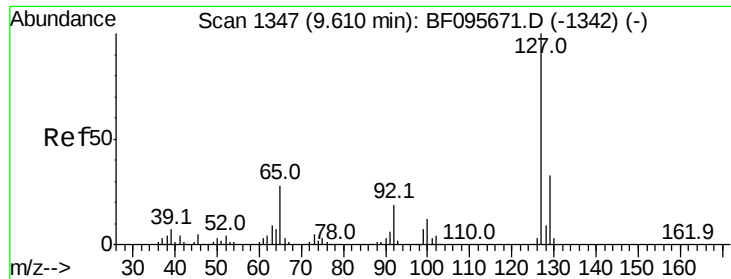
#32
Benzoic acid
Concen: 26.64 ng m
RT: 9.31 min Scan# 1313
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.3	103.3	143.3
77	80.3	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



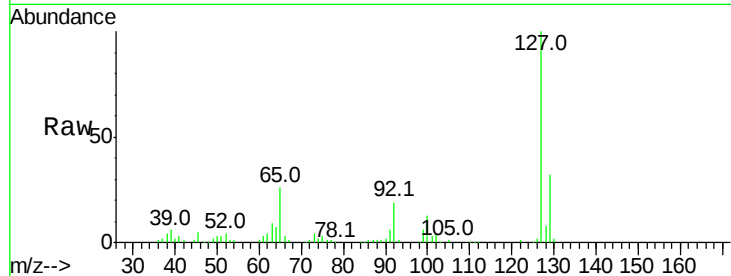


#33
4-Chloroaniline
Concen: 41.05 ng
RT: 9.57 min Scan# 1357
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

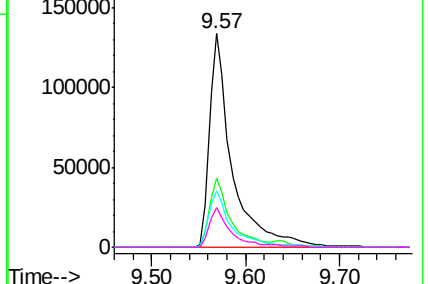
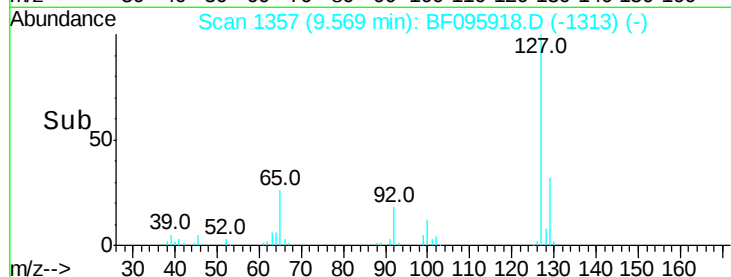
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.4	26.2	39.2
65	26.1	27.8	41.8#
92	18.8	16.8	25.2

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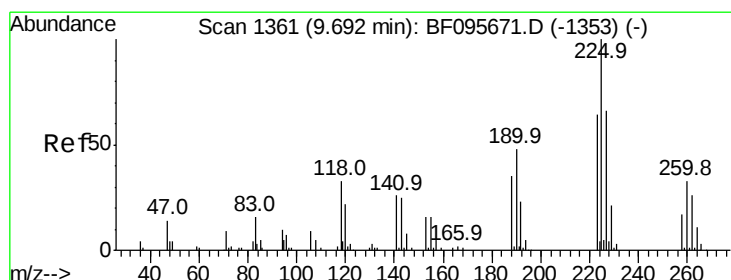


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



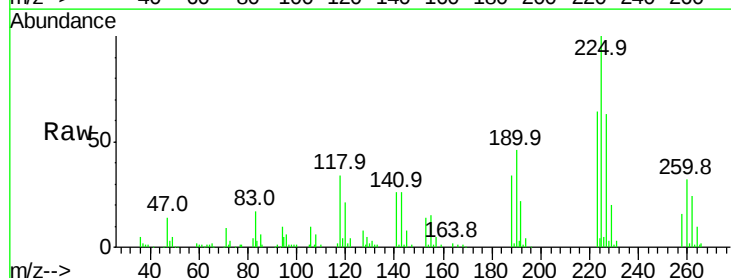
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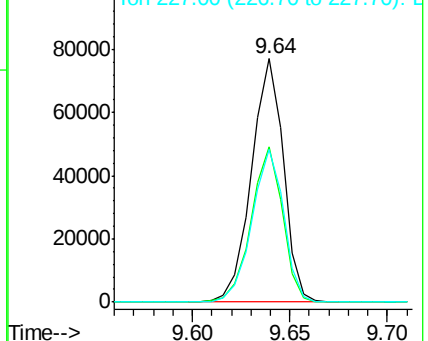
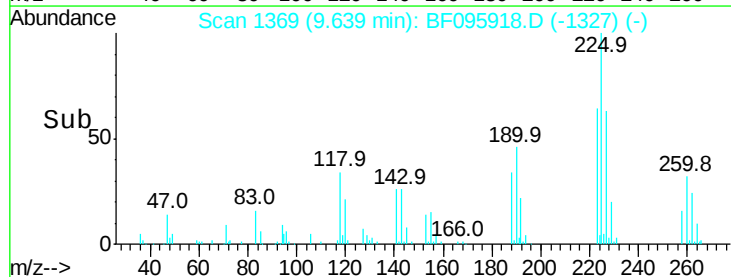


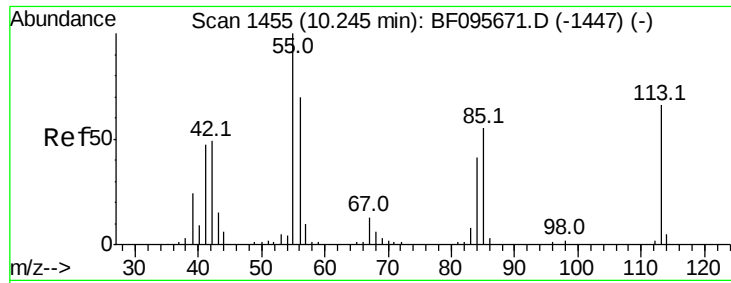
#34
Hexachlorobutadiene
Concen: 42.89 ng
RT: 9.64 min Scan# 1369
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.0	48.8	73.2
227	62.8	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.08 ng

RT: 10.22 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 45132

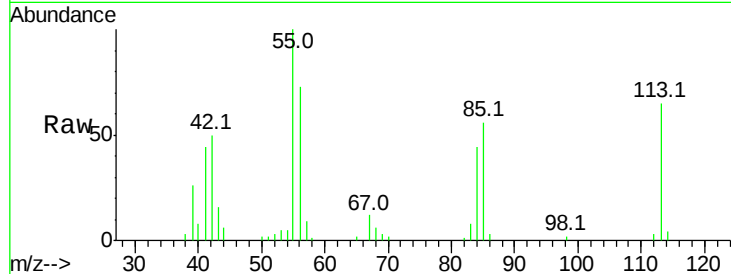
Ion Ratio Lower Upper

113 100

55 154.4 150.2 190.2

56 113.0 107.8 147.8

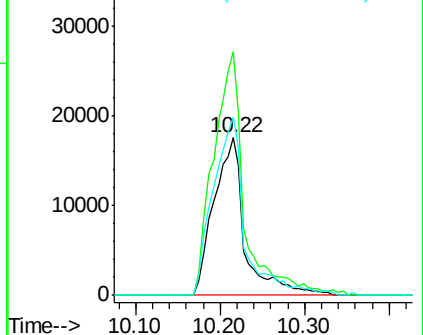
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Abundance Ion 113.00 (112.70 to 113.70): E

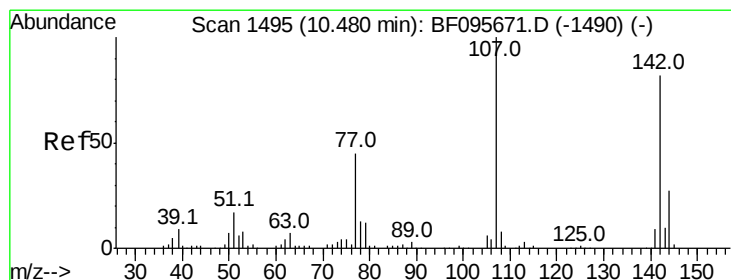
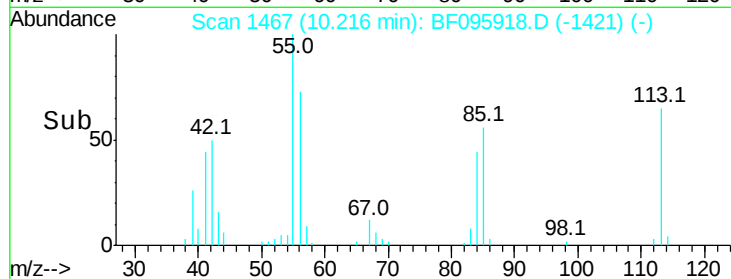
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



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#36

4-Chloro-3-methylphenol

Concen: 38.65 ng

RT: 10.45 min Scan# 1507

Delta R.T. -0.03 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

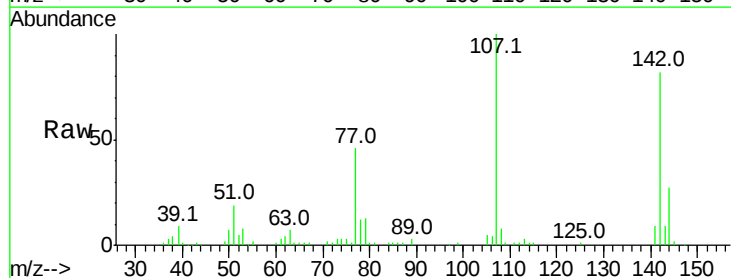
Tgt Ion:107 Resp: 153086

Ion Ratio Lower Upper

107 100

144 27.3 24.2 36.4

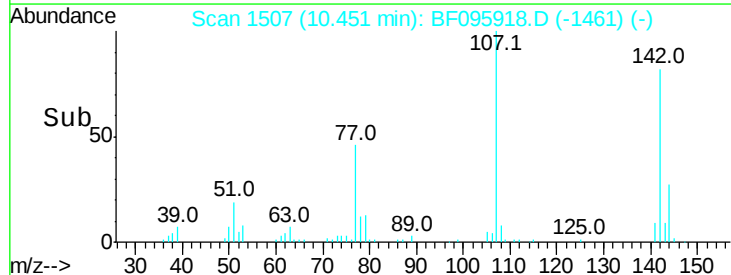
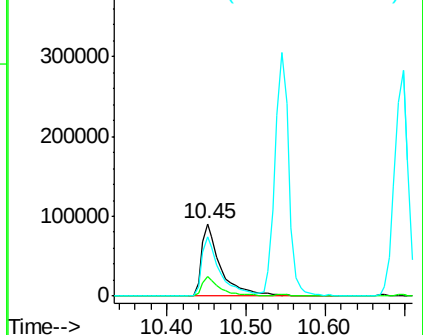
142 82.4 73.4 110.0

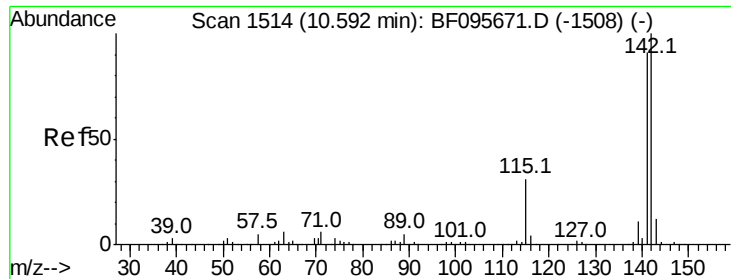


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



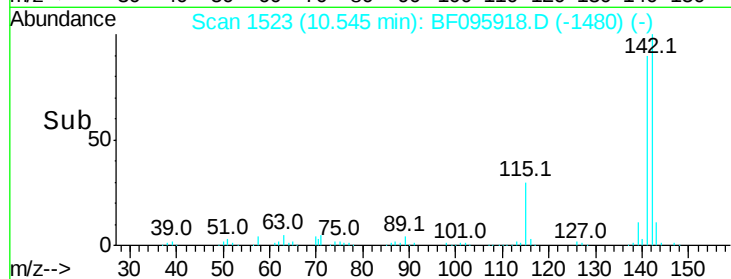
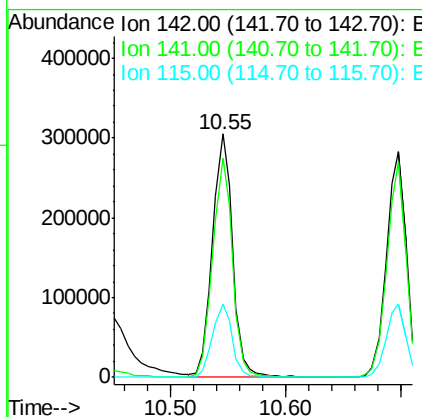
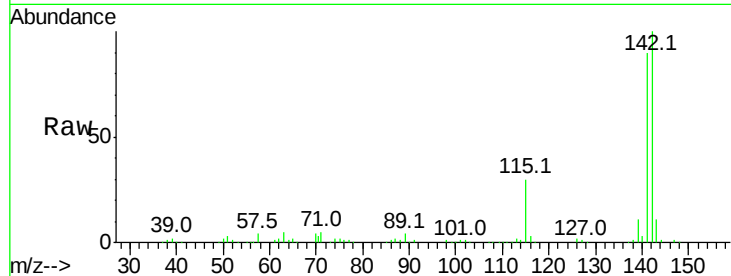


#37
2-Methylnaphthalene
Concen: 39.06 ng
RT: 10.55 min Scan# 1523
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

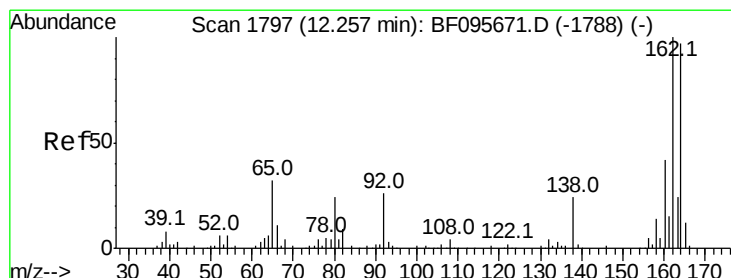
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	30.4	27.1	40.7

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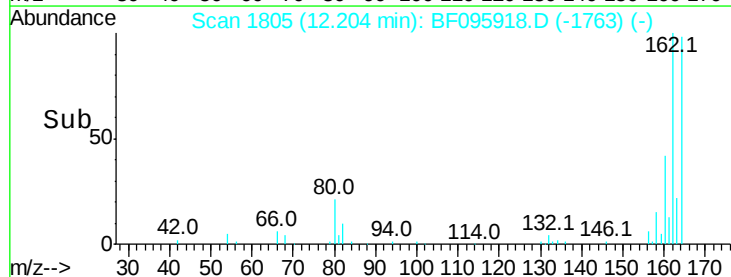
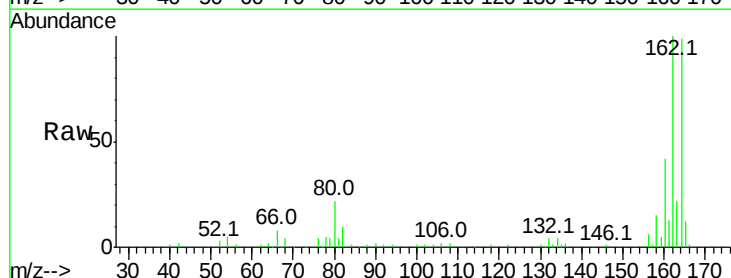
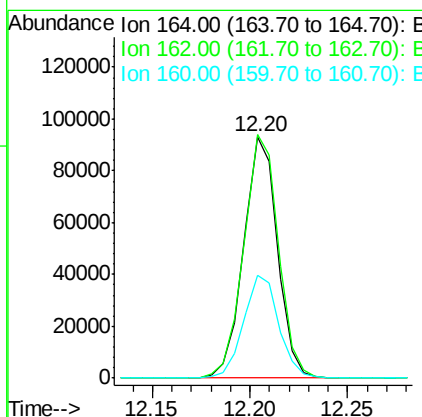
mohammad

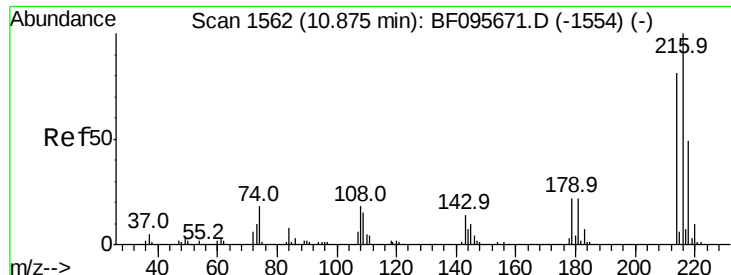
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	42.6	36.2	54.2



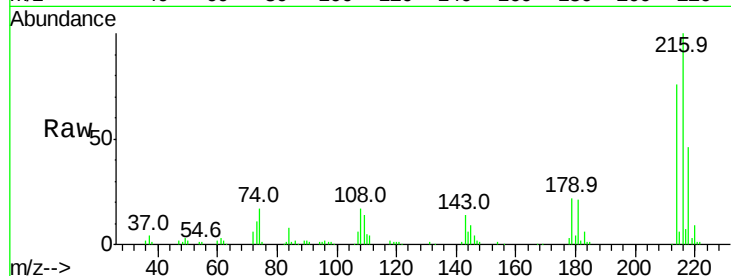


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.52 ng
 RT: 10.83 min Scan# 1571
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

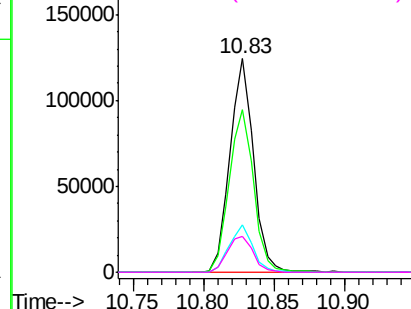
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	144904		
214	78.4	63.4	95.2	
179	21.8	17.9	26.9	
108	18.1	16.5	24.7	

Manual Integrations
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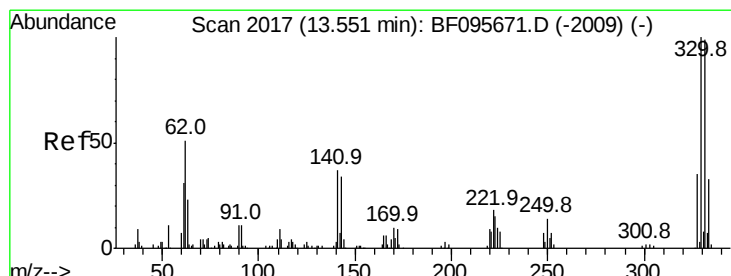
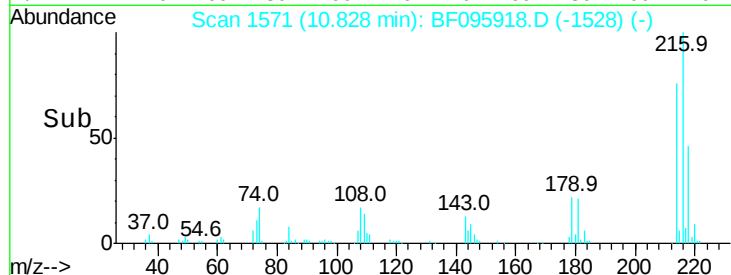


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



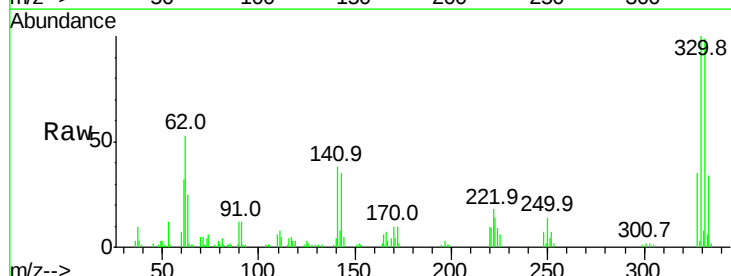
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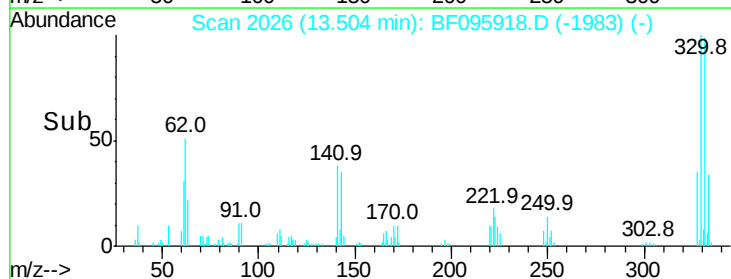
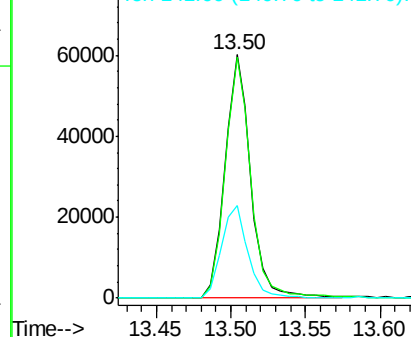


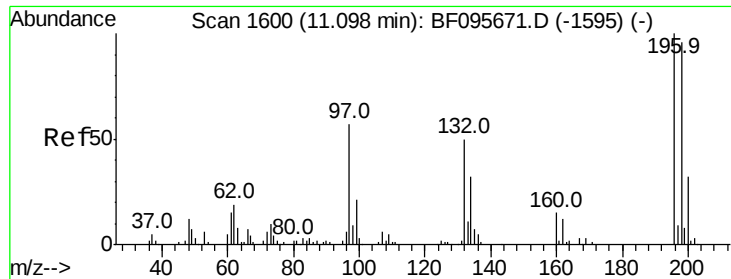
#41
 2,4,6-Tribromophenol
 Concen: 74.05 ng
 RT: 13.50 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	72898		
332	99.2	76.6	115.0	
141	39.0	31.4	47.2	



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



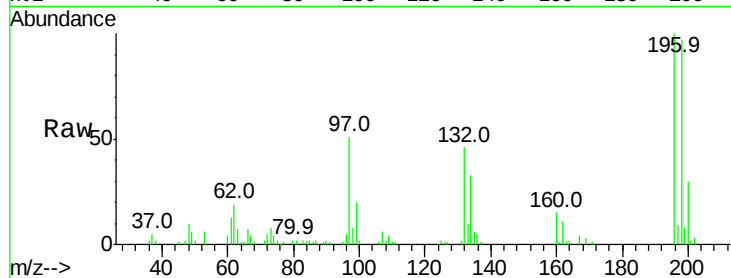


#42
2,4,6-Trichlorophenol
Concen: 42.24 ng
RT: 11.06 min Scan# 1611
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.1	74.2	111.4	
200	29.8	24.0	36.0	

Manual Integrations
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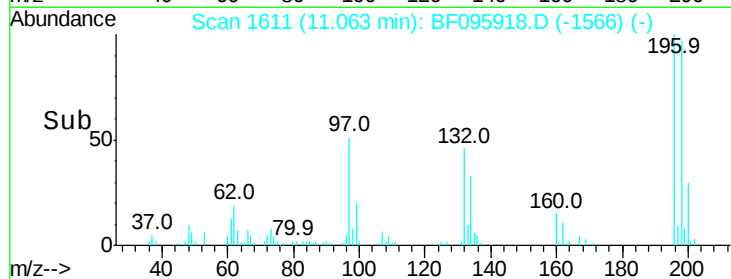
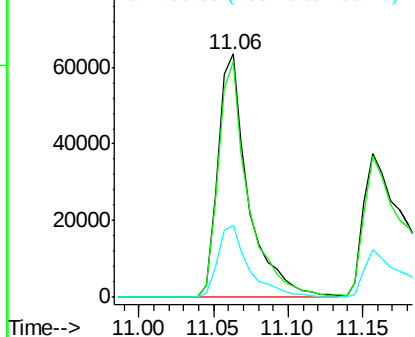


Abundance

Ion 196.00 (195.70 to 196.70): E

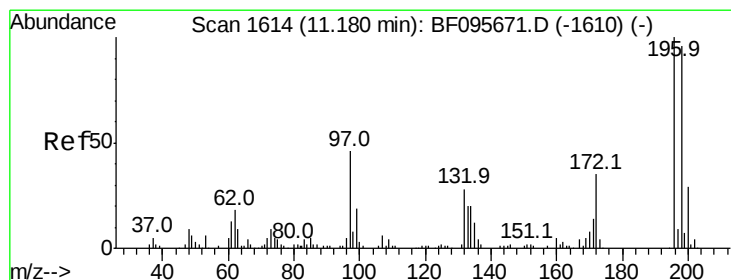
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#43
2,4,5-Trichlorophenol
Concen: 39.55 ng
RT: 11.16 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.8	75.7	113.5	
97	49.8	47.7	71.5	
132	34.2	28.0	42.0	

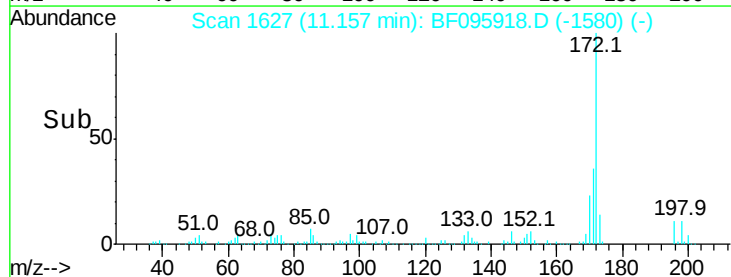
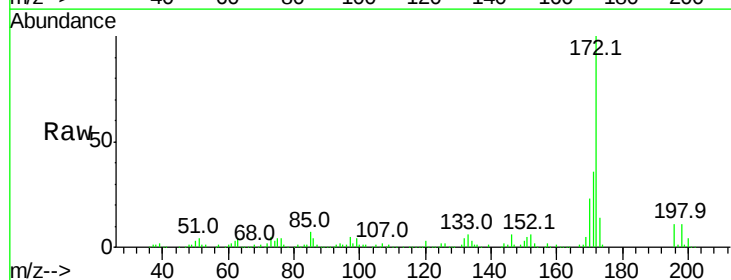
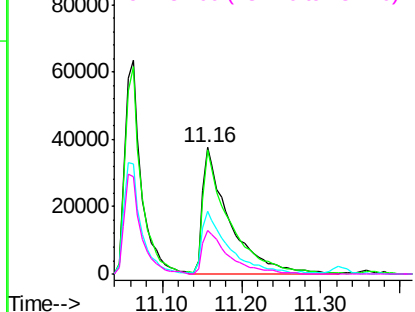
Abundance

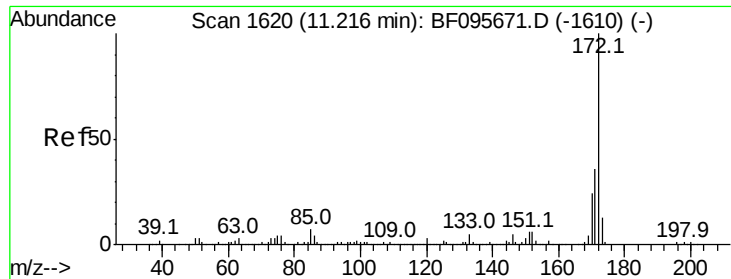
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



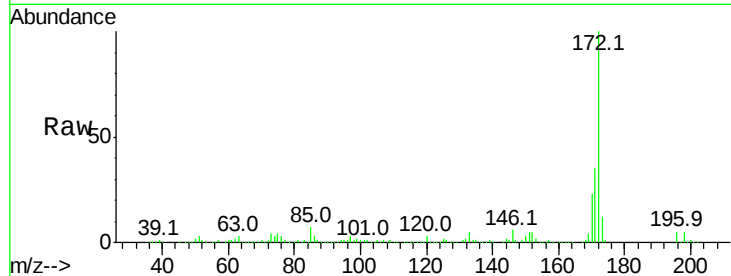


#44
2-Fluorobiphenyl
Concen: 86.28 ng
RT: 11.17 min Scan# 1629
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

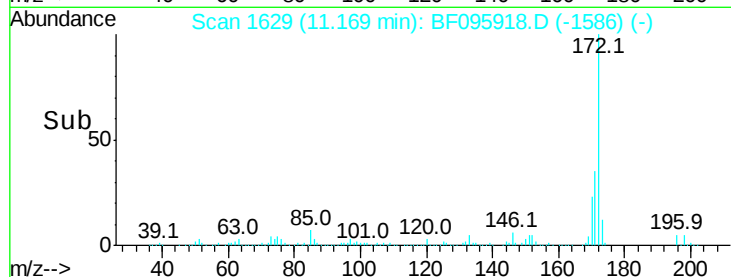
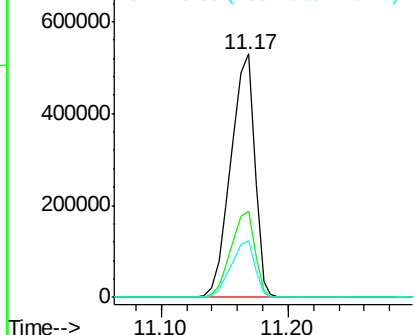
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.6	44.4	
170	23.3	19.8	29.8	

Manual Integrations
APPROVED

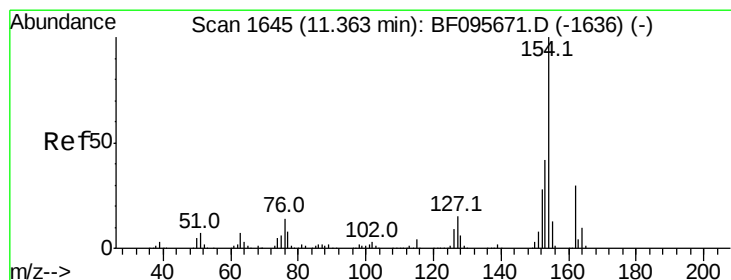


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



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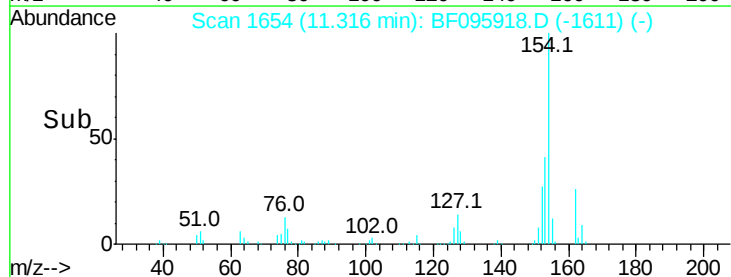
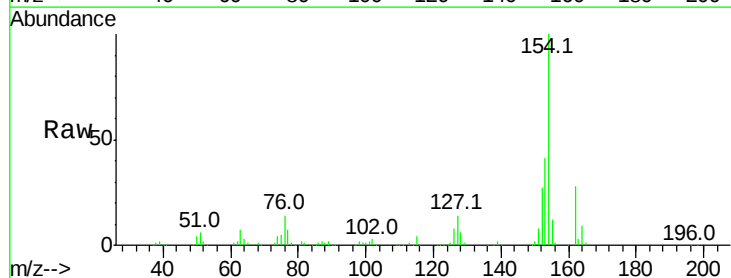
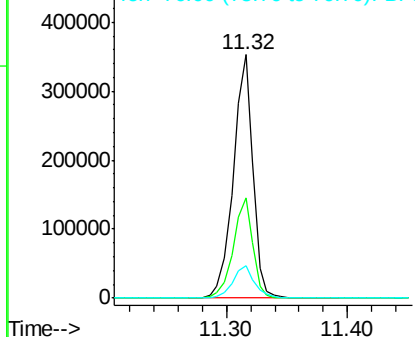
6/14/2017 4:25:30 PM

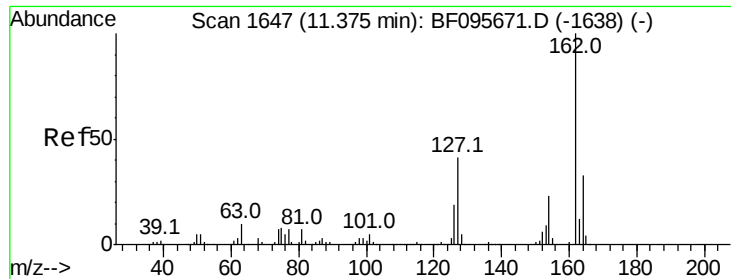


#45
1,1'-Biphenyl
Concen: 43.36 ng
RT: 11.32 min Scan# 1654
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.2	61.2	
76	13.5	0.0	29.9	

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



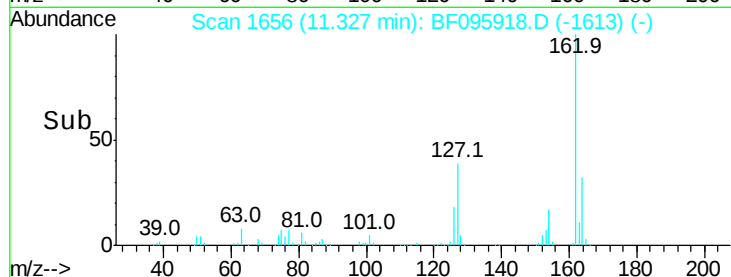
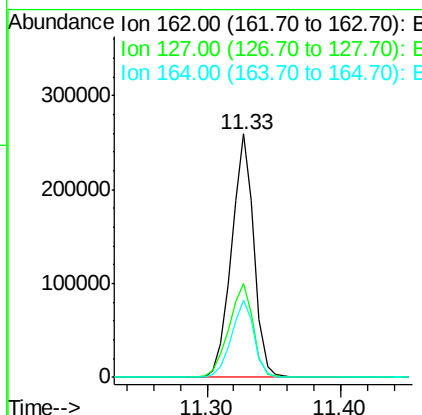
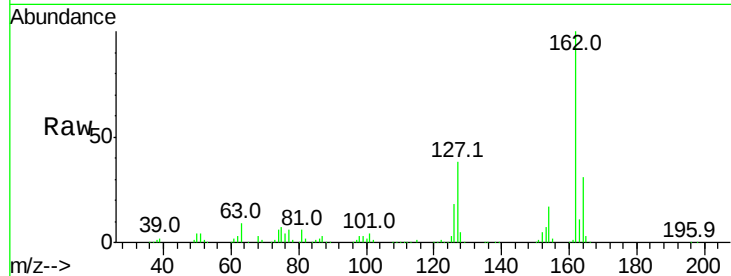


#46
2-Chloronaphthalene
Concen: 42.35 ng
RT: 11.33 min Scan# 1656
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

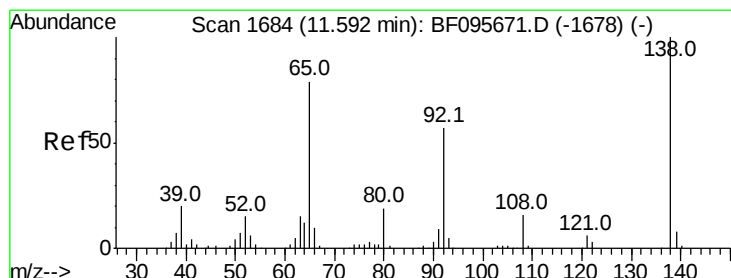
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.3	28.3	42.5	
164	31.5	27.0	40.4	

Manual Integrations
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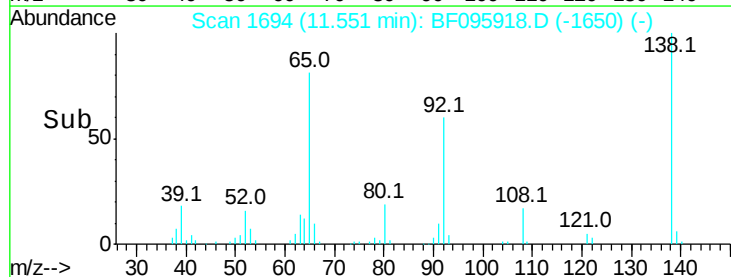
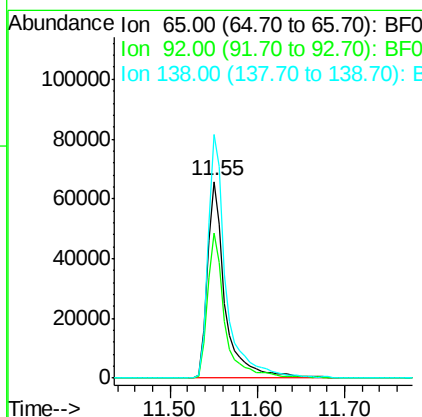
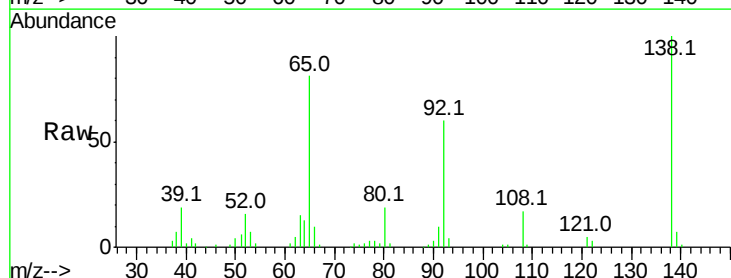
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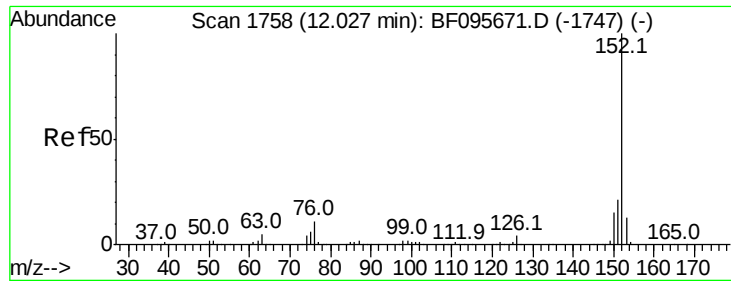
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#47
2-Nitroaniline
Concen: 44.23 ng
RT: 11.55 min Scan# 1694
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.8	53.9	80.9	
138	123.7	78.8	118.2	



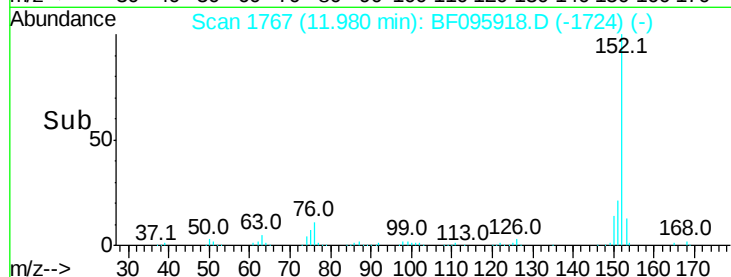
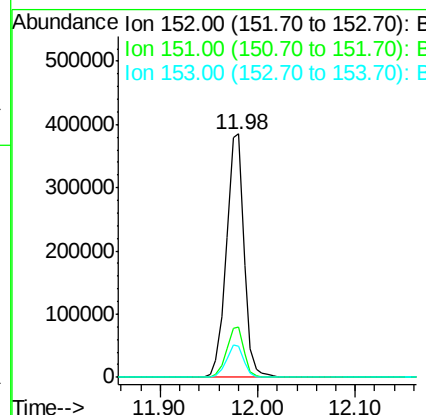
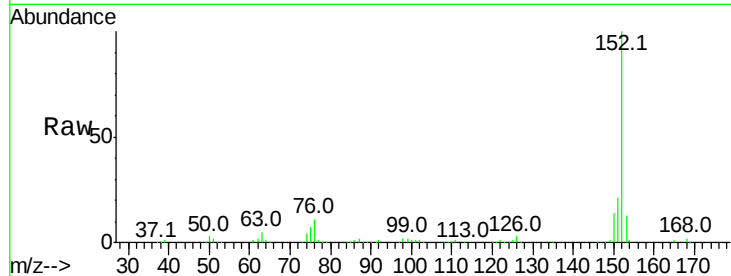


#48
Acenaphthylene
Concen: 39.42 ng
RT: 11.98 min Scan# 1767
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

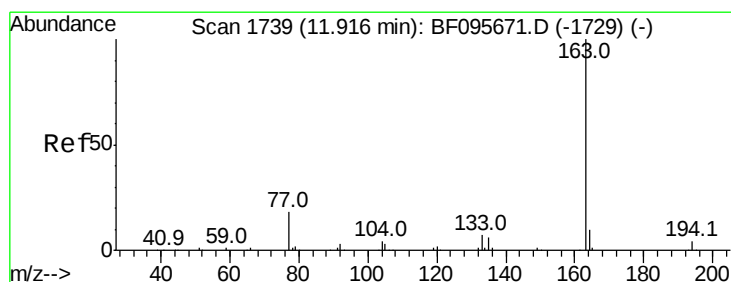
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	12.7	10.8	16.2

Manual Integrations
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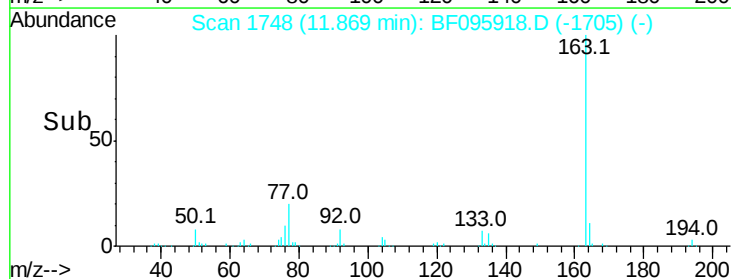
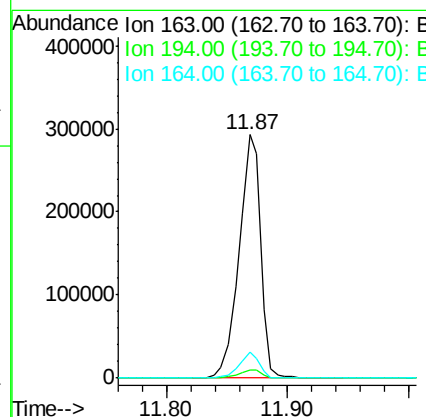
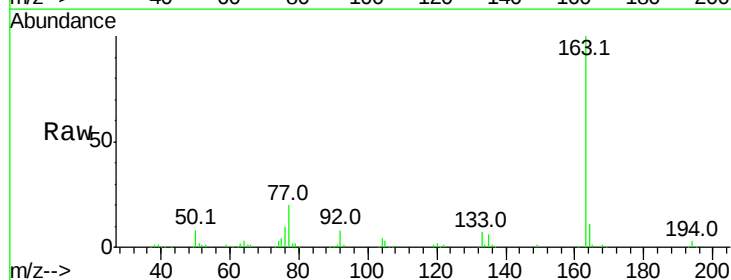
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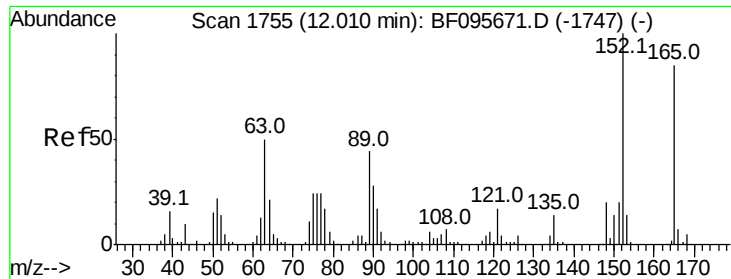
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#49
Dimethylphthalate
Concen: 43.11 ng
RT: 11.87 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.7	8.4	12.6



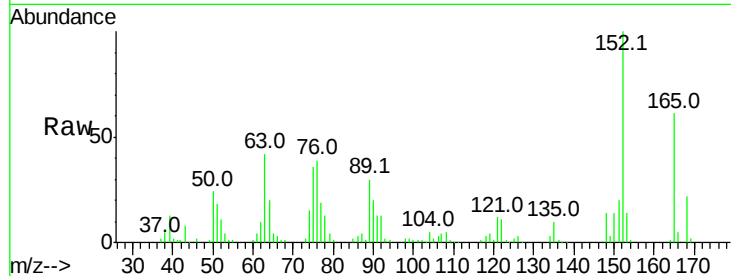


#50
2,6-Dinitrotoluene
Concen: 36.67 ng
RT: 11.96 min Scan# 1764
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

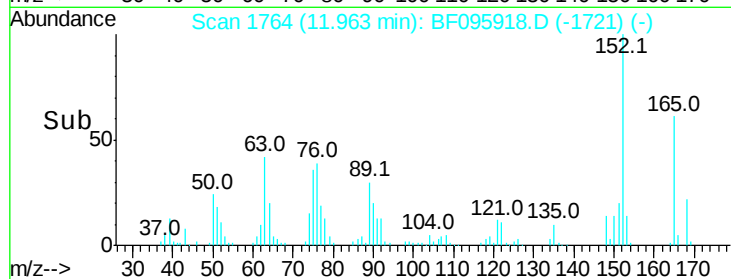
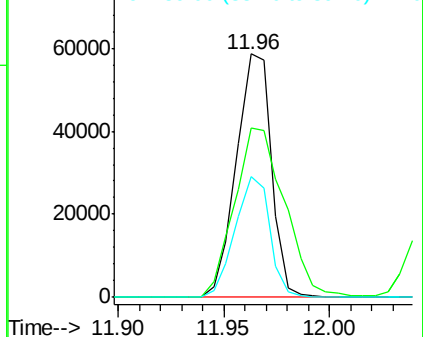
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	69.3	34.3	51.5#
89	49.5	37.1	55.7

Manual Integrations
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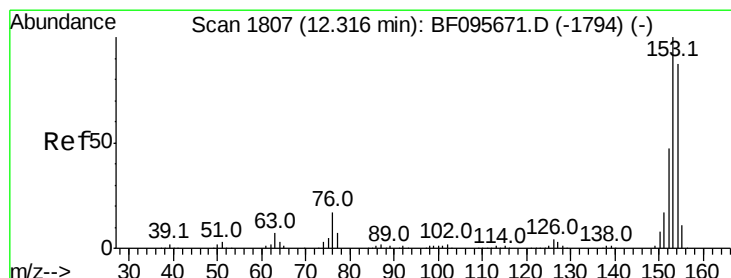


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0



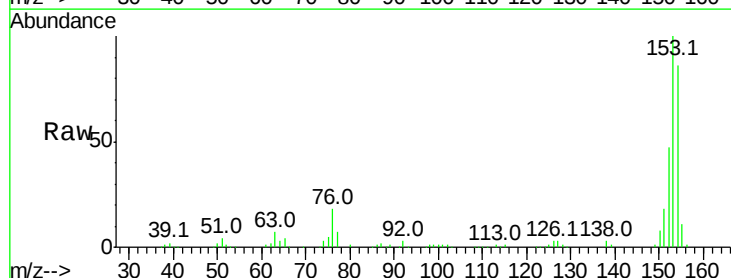
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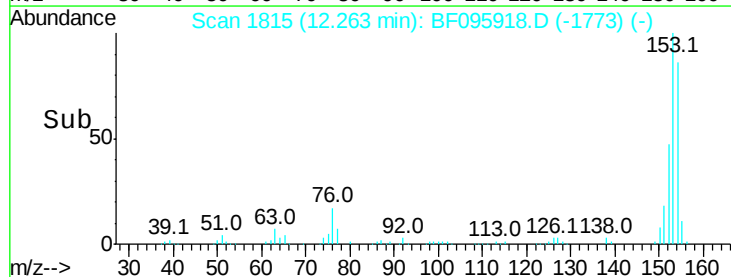
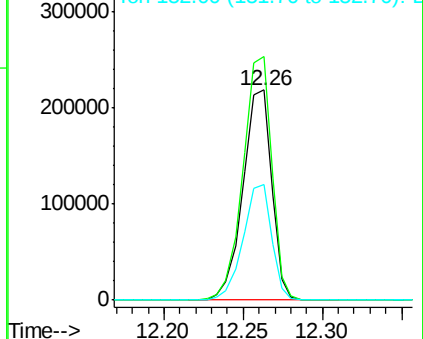


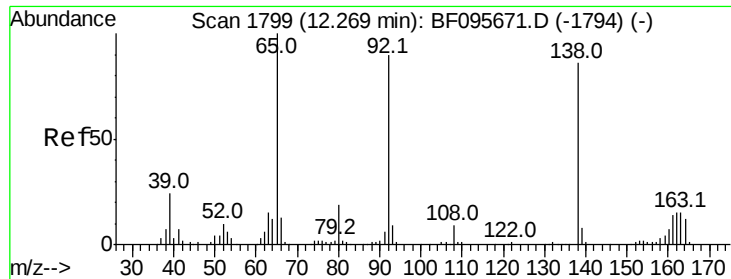
#51
Acenaphthene
Concen: 39.01 ng
RT: 12.26 min Scan# 1815
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	116.1	90.5	135.7
152	55.0	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 43.43 ng

RT: 12.23 min Scan# 1810

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 93242

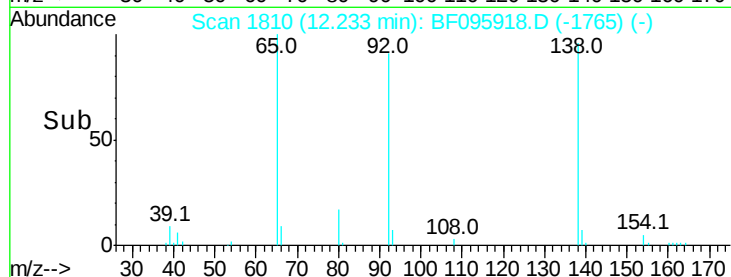
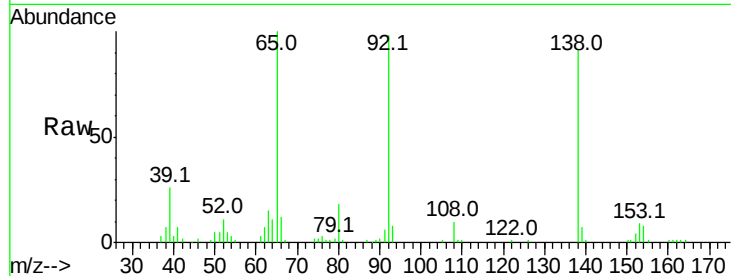
Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

92 106.9 93.8 140.6

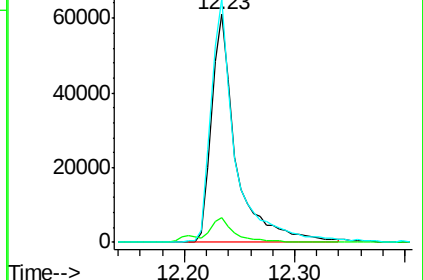
Manual Integrations
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Abundance Ion 138.00 (137.70 to 138.70): E

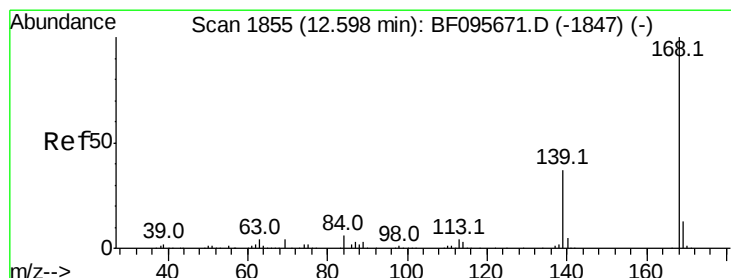
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



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#54

Dibenzofuran

Concen: 39.11 ng

RT: 12.55 min Scan# 1863

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

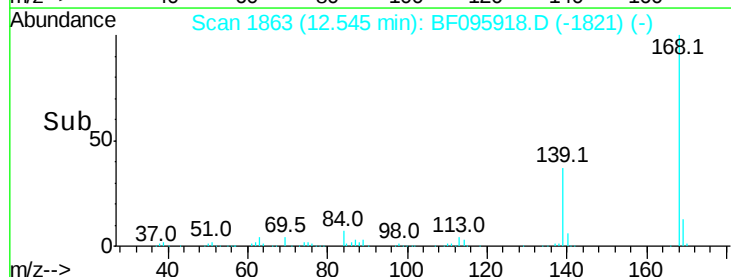
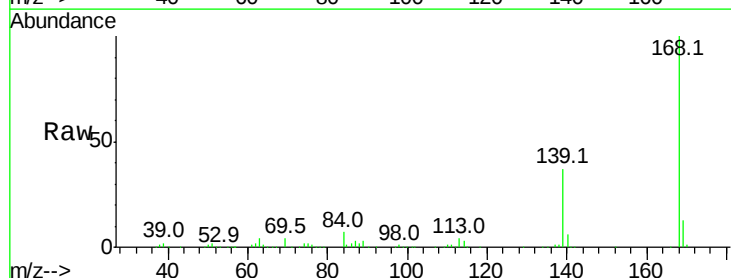
Tgt Ion:168 Resp: 389482

Ion Ratio Lower Upper

168 100

139 36.9 30.6 45.8

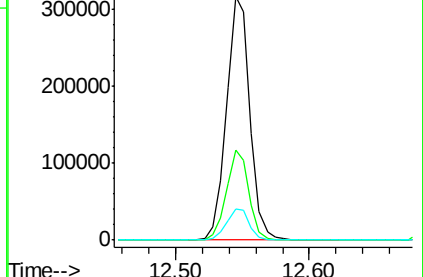
169 13.0 10.8 16.2

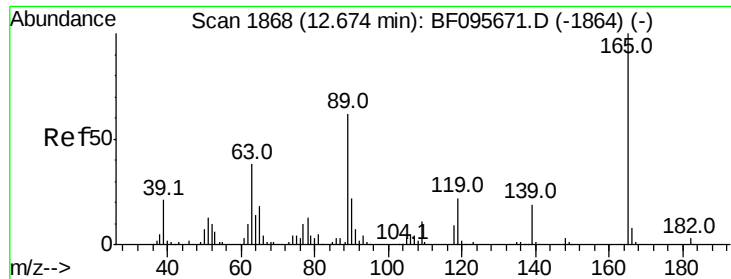


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



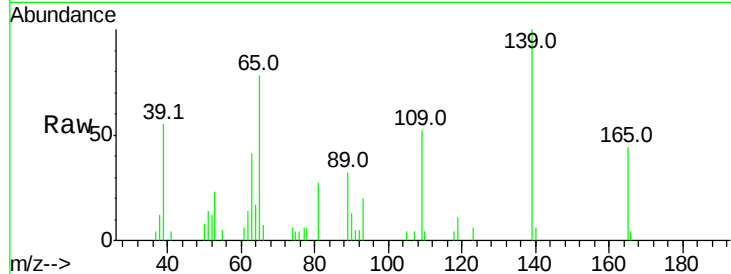


#55
4-Nitrophenol
Concen: 34.57 ng
RT: 12.69 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

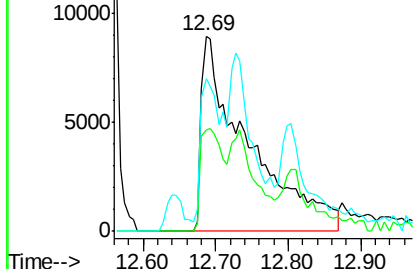
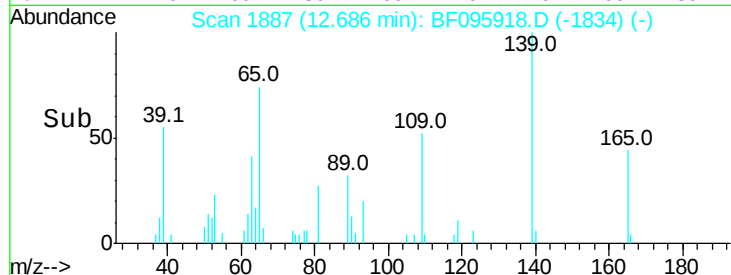
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	52.0	34.1	74.1	
65	78.3	31.4	71.4	#

Manual Integrations
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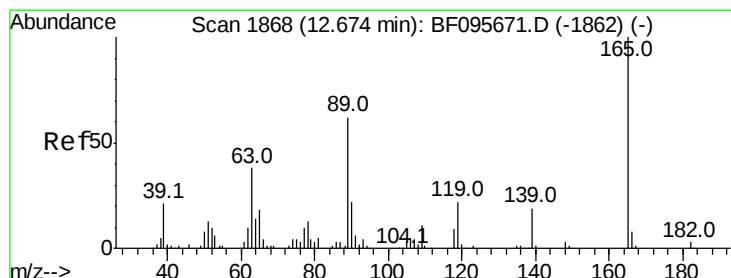


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



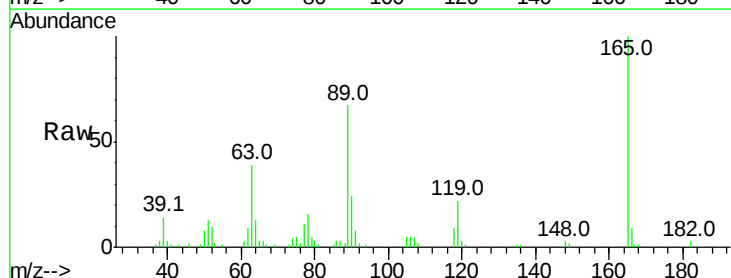
mohammad

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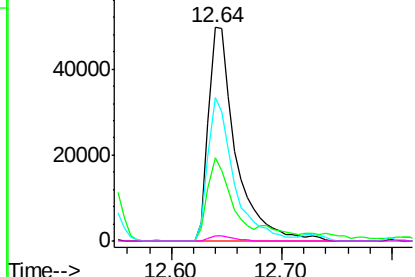
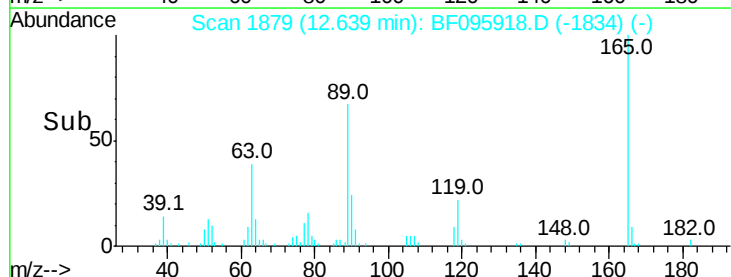


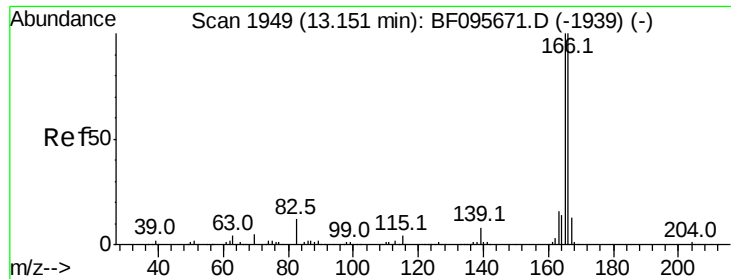
#56
2,4-Dinitrotoluene
Concen: 33.95 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.0	25.4	38.0	#
89	67.1	46.4	69.6	
182	2.7	1.8	2.6	#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



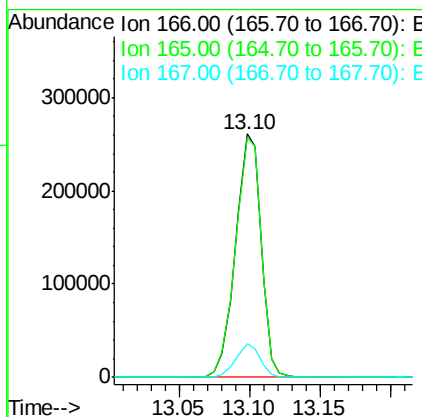
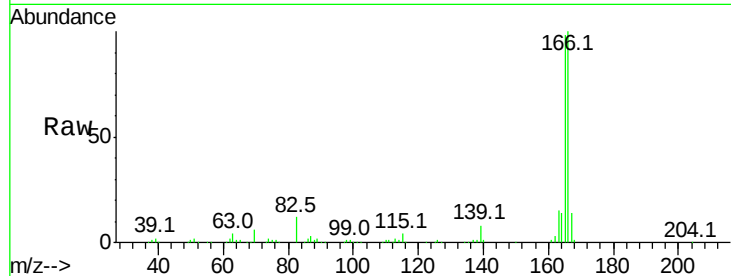


#57
 Fluorene
 Concen: 37.96 ng
 RT: 13.10 min Scan# 1957
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

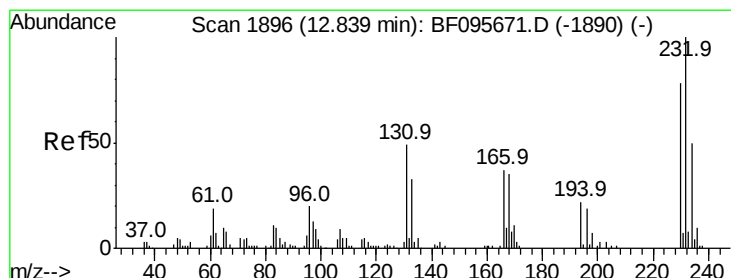
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.3	78.8	118.2	
167	13.9	10.6	16.0	

Manual Integrations
 APPROVED



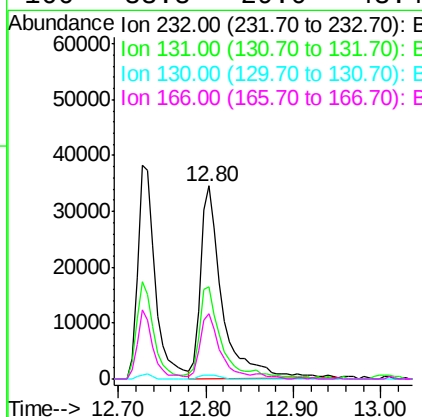
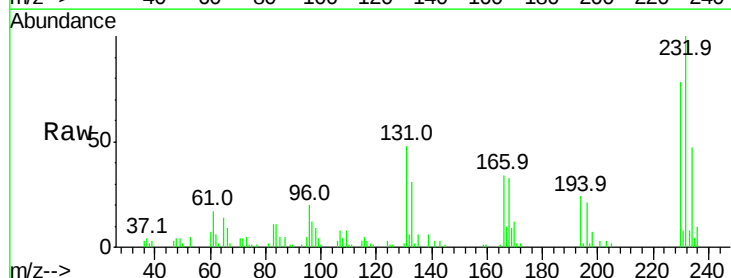
mohammad

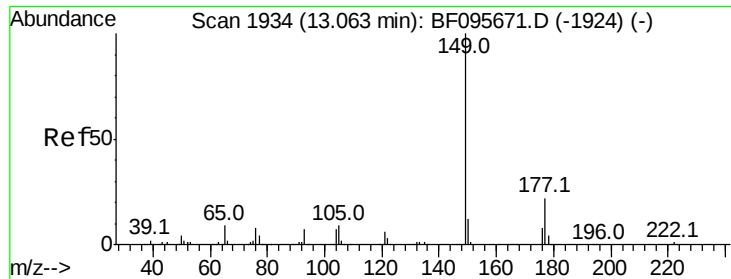
6/14/2017 4:25:30 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.68 ng
 RT: 12.80 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.9	44.8	67.2	
130	2.1	2.3	3.5#	
166	33.8	29.0	43.4	



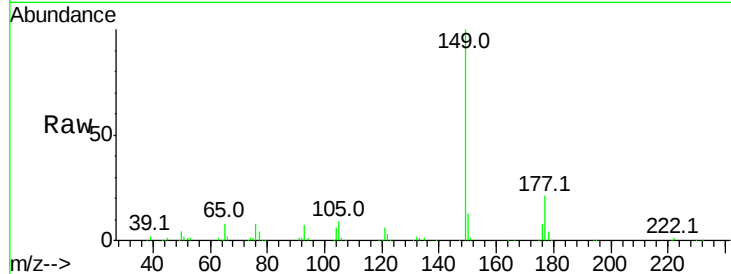


#59
Diethylphthalate
Concen: 41.56 ng
RT: 13.01 min Scan# 1942
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

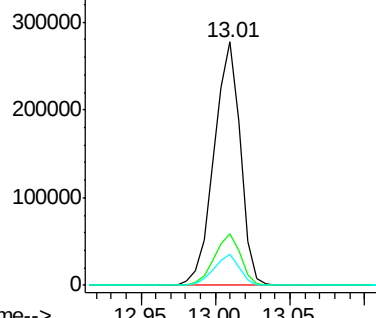
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.7	10.2	15.2

Manual Integrations
APPROVED

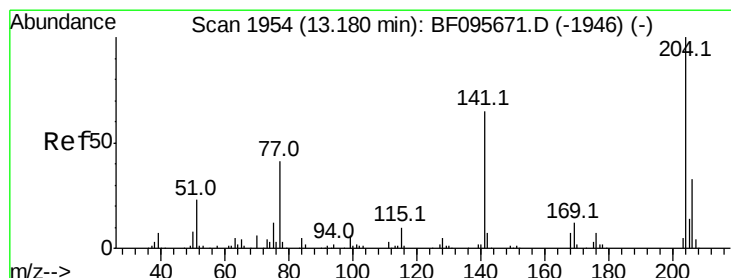
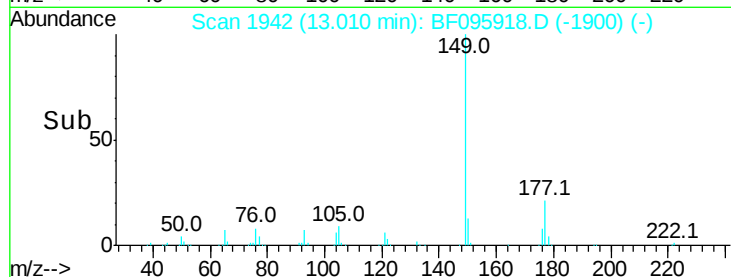


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



mohammad

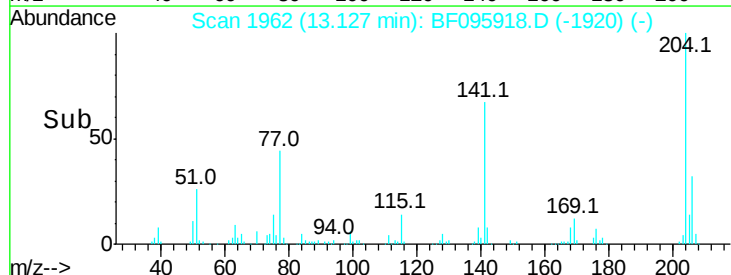
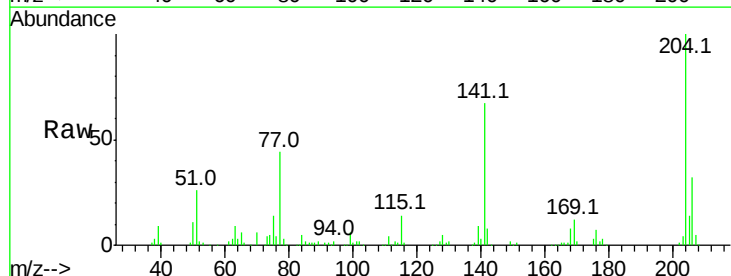
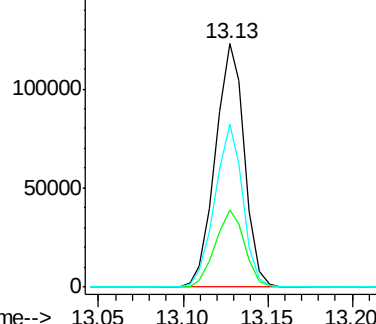
6/14/2017 4:25:30 PM

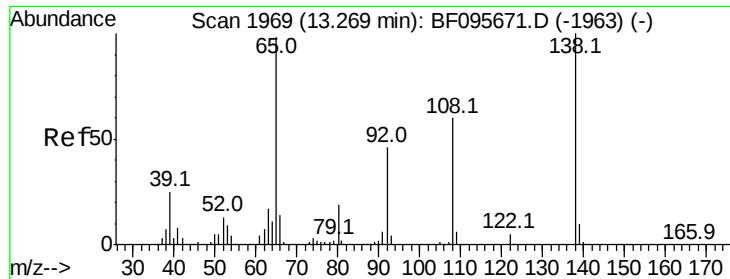


#60
4-Chlorophenyl-phenylether
Concen: 39.05 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.2
141	67.1	60.8	91.2

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



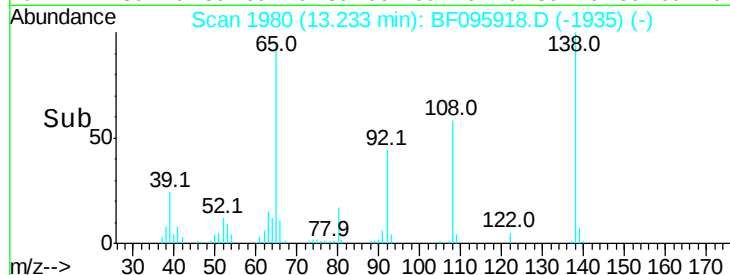
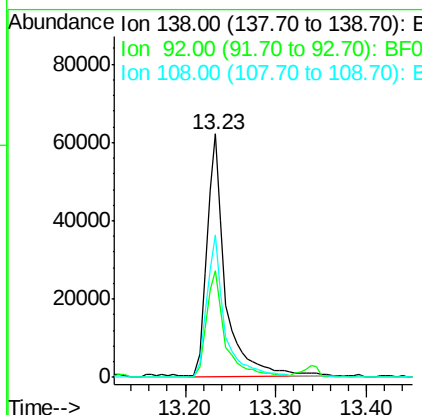
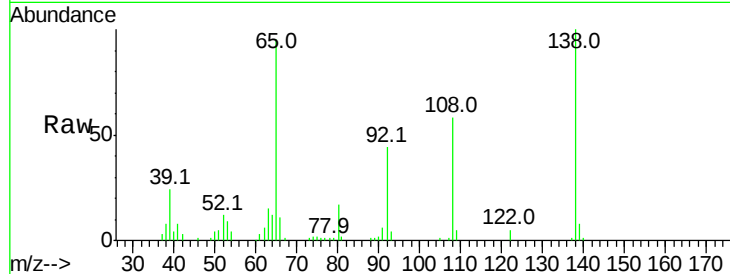


#61
4-Nitroaniline
Concen: 44.30 ng
RT: 13.23 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

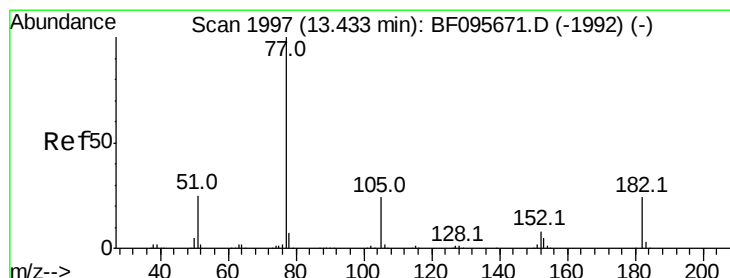
Tot Ion:	138	Resp:	88787
Ion Ratio	Lower	Upper	
138	100		
92	43.7	21.8	61.8
108	58.4	42.3	82.3

Manual Integrations
APPROVED



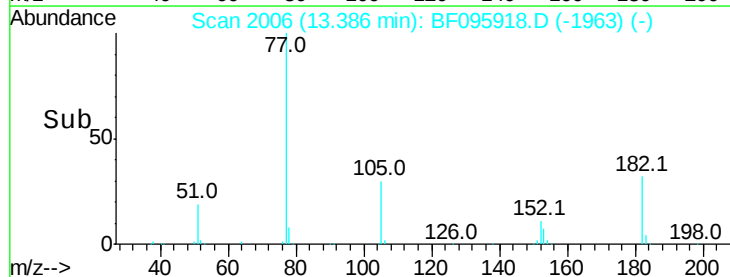
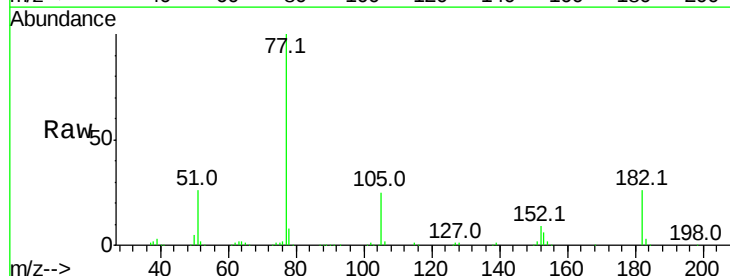
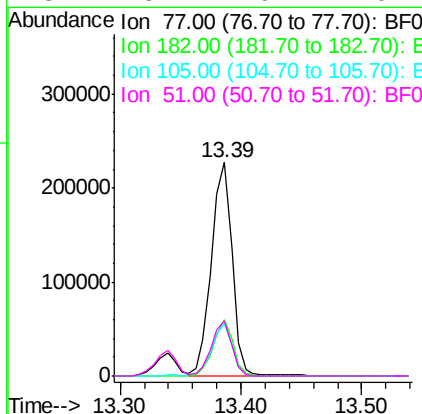
mohammad

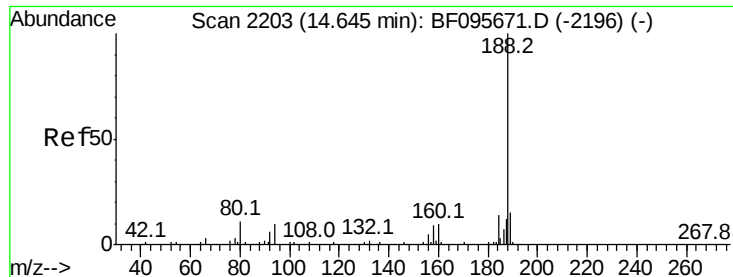
6/14/2017 4:25:30 PM



#62
Azobenzene
Concen: 36.34 ng
RT: 13.39 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:	77	Resp:	267784
Ion Ratio	Lower	Upper	
77	100		
182	26.5	0.1	40.1
105	24.6	3.6	43.6
51	25.7	9.4	49.4



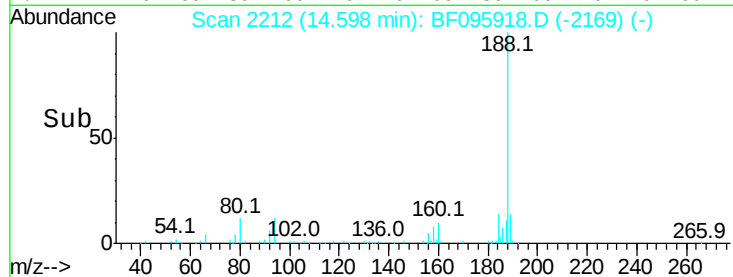
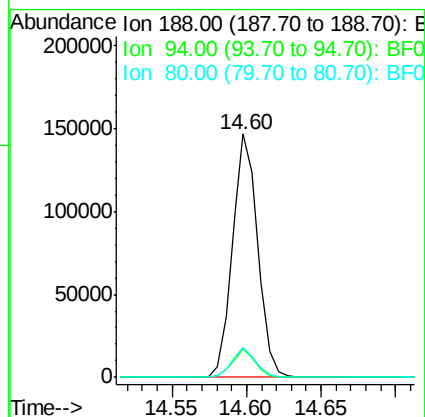
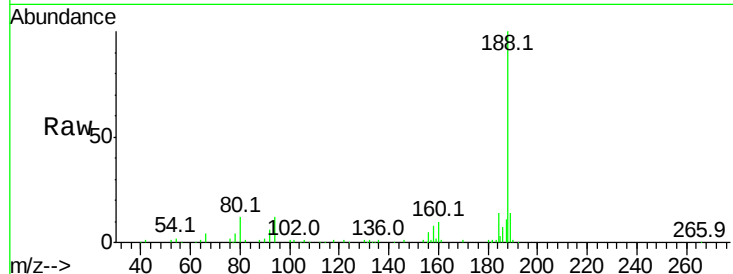


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

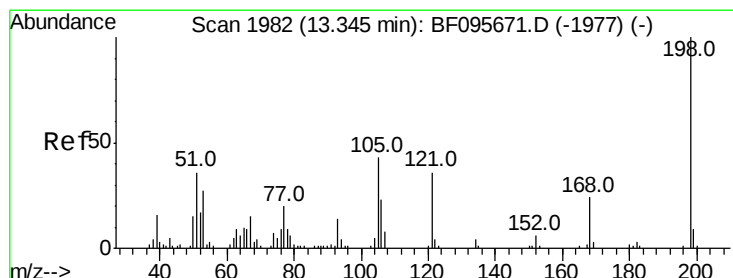
Tot Ion	Ratio	Resp	Lower	Upper
188	100	174440		
94	11.6		9.4	14.2
80	12.1		10.2	15.2

Manual Integrations
APPROVED



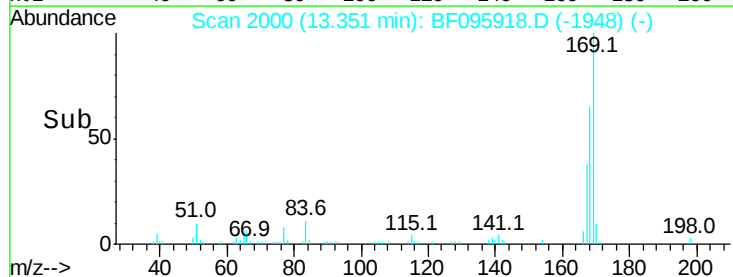
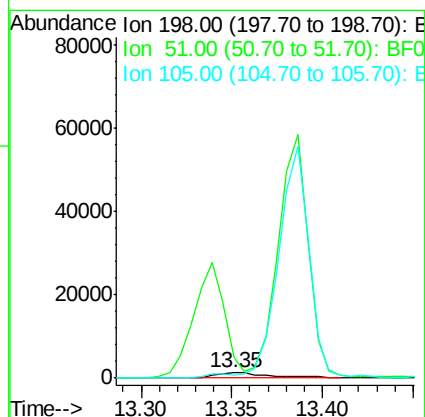
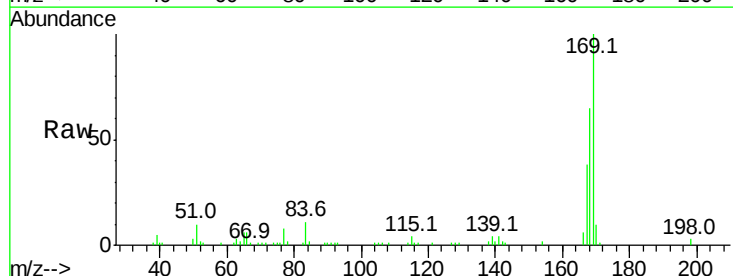
mohammad

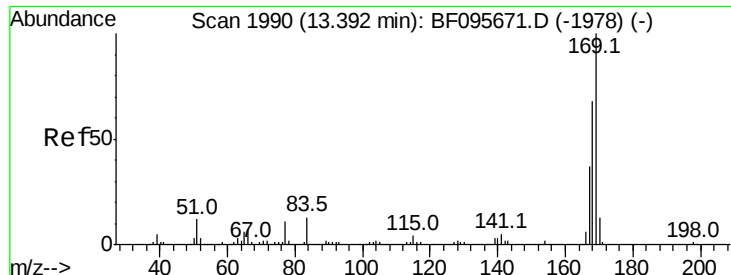
6/14/2017 4:25:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 2.58 ng
RT: 13.35 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2955		
51	391.5		53.2	93.2#
105	50.1		45.8	85.8



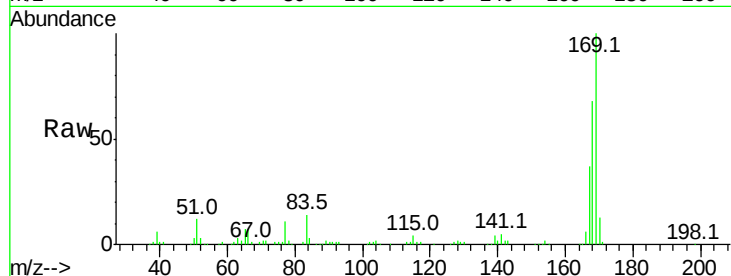


#65
n-Nitrosodiphenylamine
Concen: 43.18 ng
RT: 13.34 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

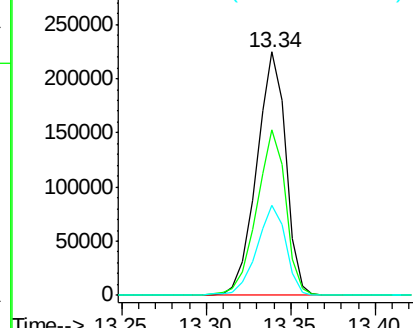
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.9	53.2	79.8	
167	36.8	29.5	44.3	

Manual Integrations
APPROVED

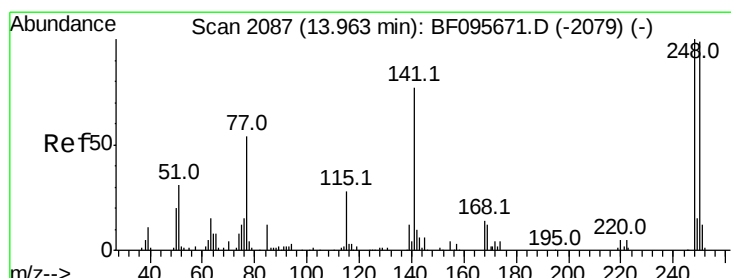
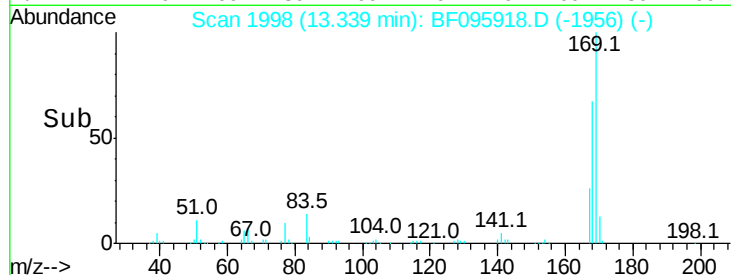


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



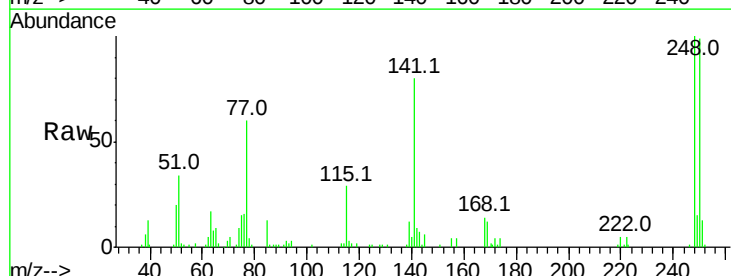
mohammad

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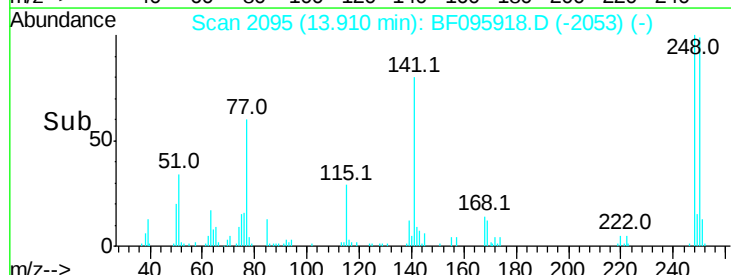
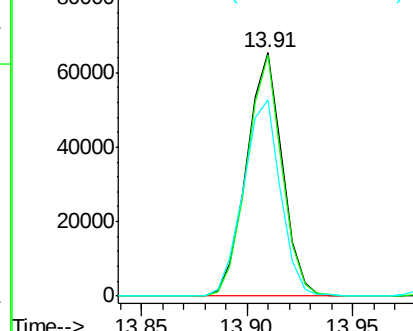


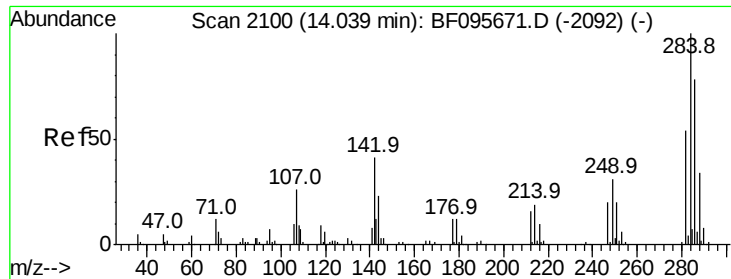
#66
4-Bromophenyl-phenylether
Concen: 42.33 ng
RT: 13.91 min Scan# 2095
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.0	76.8	115.2	
141	80.4	68.6	103.0	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.53 ng

RT: 14.00 min Scan# 2110

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

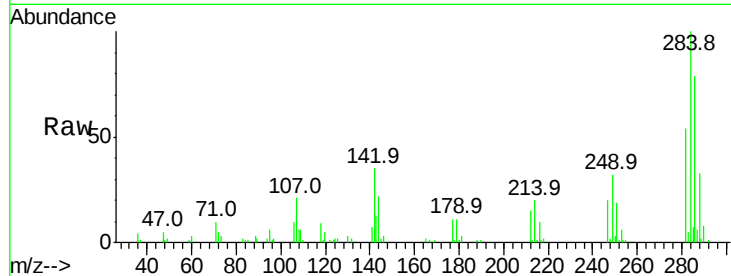
BNA_F

ClientSampleId :

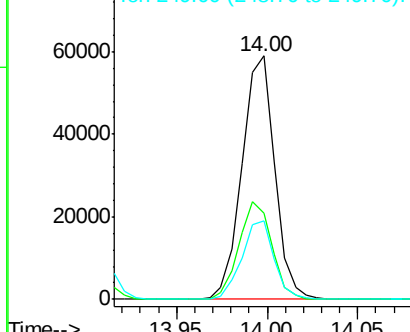
SSTDCCC040

Tot Ion:	284	Resp:	74184
Ion Ratio	Lower	Upper	
284	100		
142	35.2	22.8	34.2#
249	32.0	24.0	36.0

Manual Integrations
APPROVED

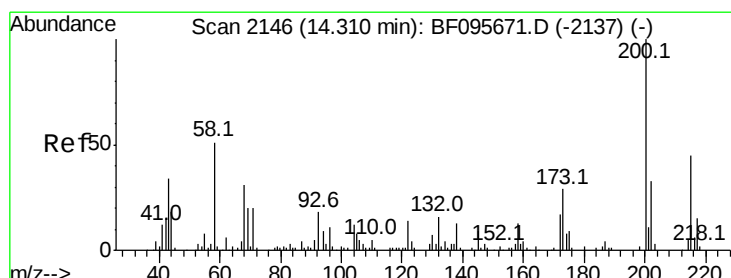
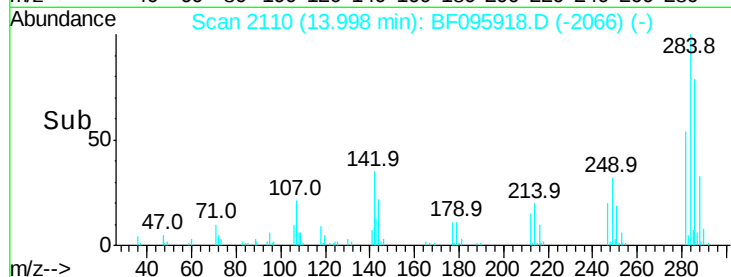


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



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#68

Atrazine

Concen: 38.77 ng

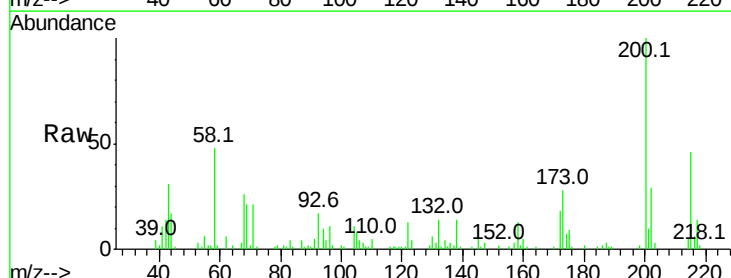
RT: 14.26 min Scan# 2155

Delta R.T. -0.05 min

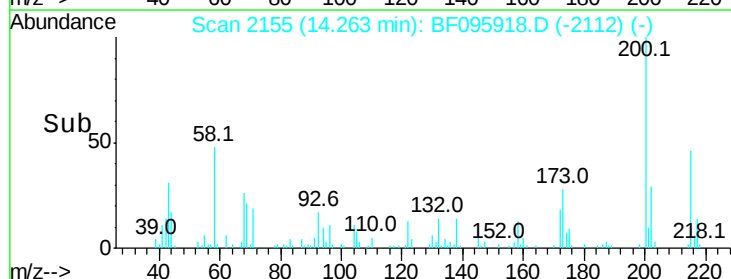
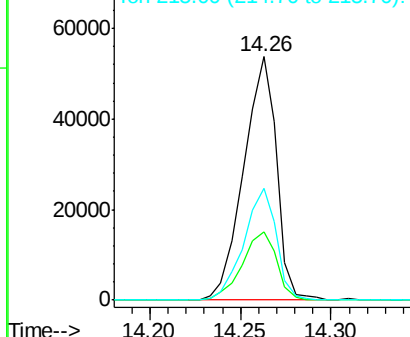
Lab File: BF095918.D

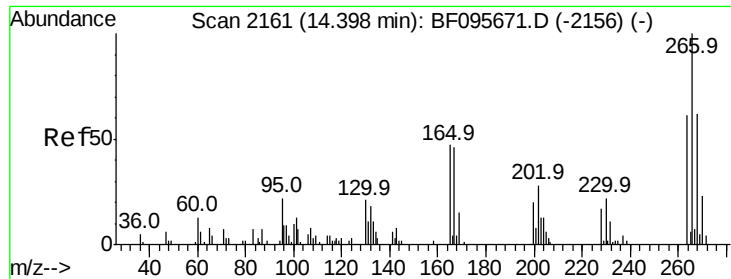
Acq: 14 Jun 2017 5:43

Tgt Ion:	200	Resp:	67631
Ion Ratio	Lower	Upper	
200	100		
173	27.9	6.3	46.3
215	45.7	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



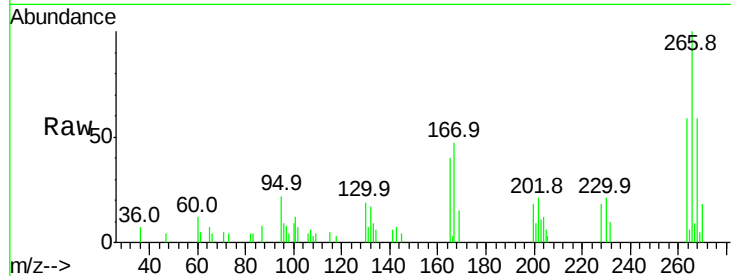


#69
 Pentachlorophenol
 Concen: 31.17 ng
 RT: 14.37 min Scan# 2173
 Delta R.T. -0.03 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

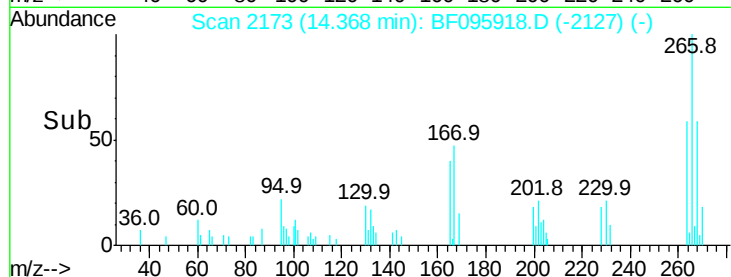
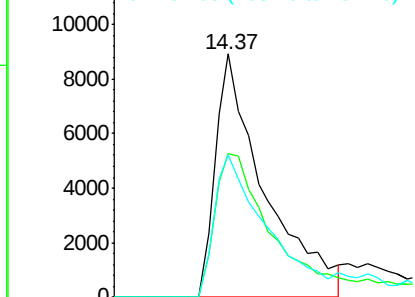
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	18136		
268	58.9		51.1	76.7
264	58.7		51.7	77.5

Manual Integrations
 APPROVED

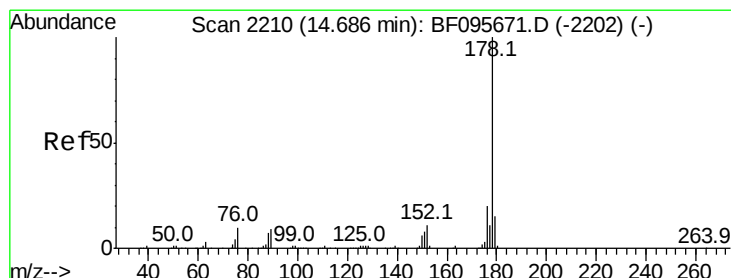


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



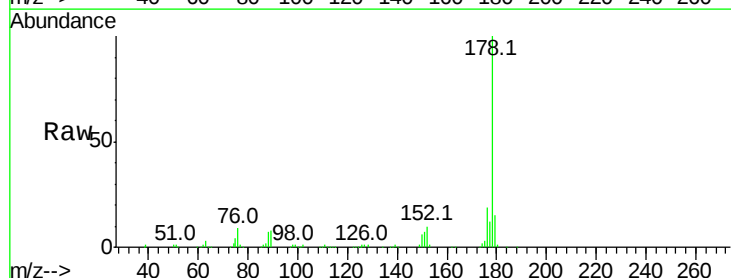
mohammad

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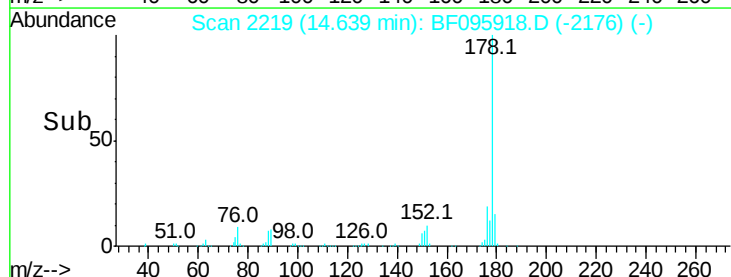
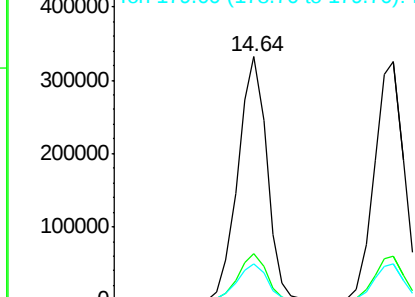


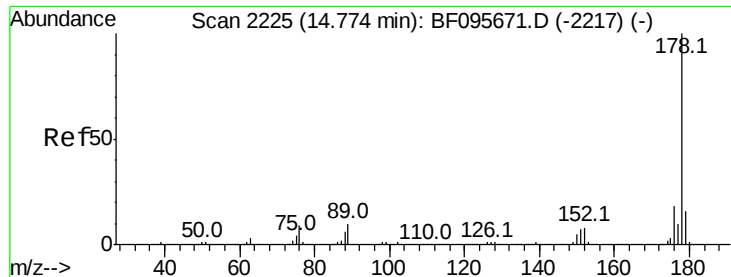
#70
 Phenanthrene
 Concen: 41.67 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	419365		
176	18.9		16.2	24.4
179	15.0		12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



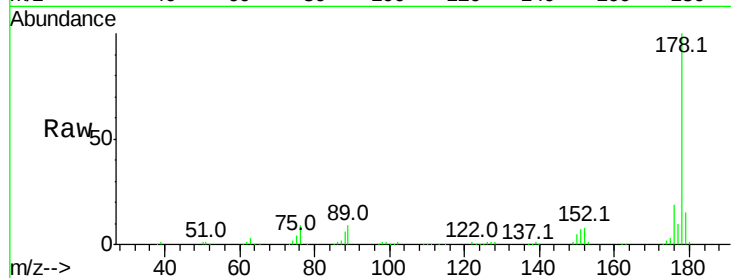


#71
 Anthracene
 Concen: 41.62 ng
 RT: 14.73 min Scan# 2234
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

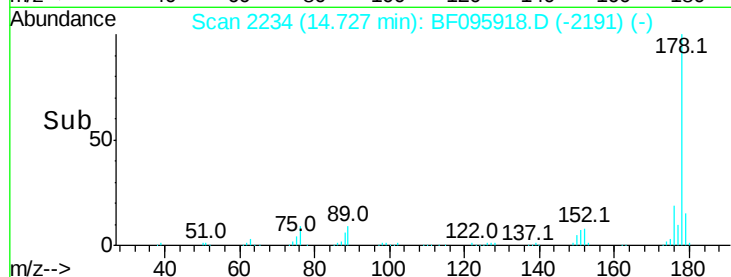
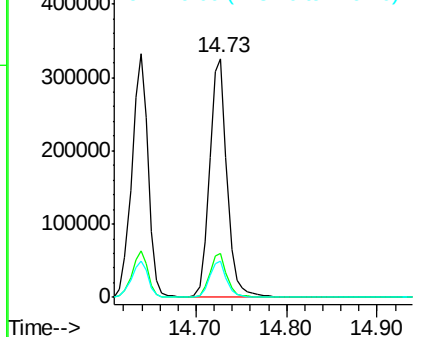
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.0	12.7	19.1

Manual Integrations
 APPROVED

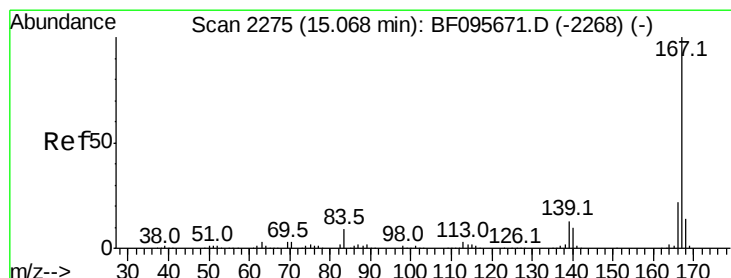


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



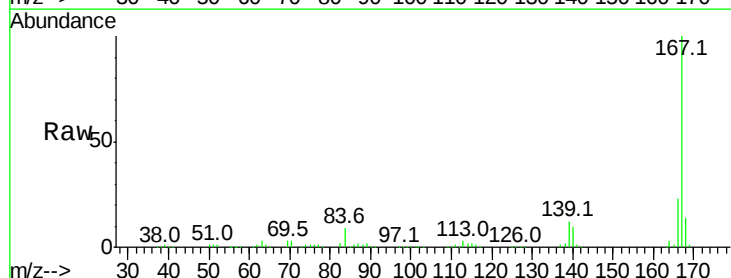
mohammad

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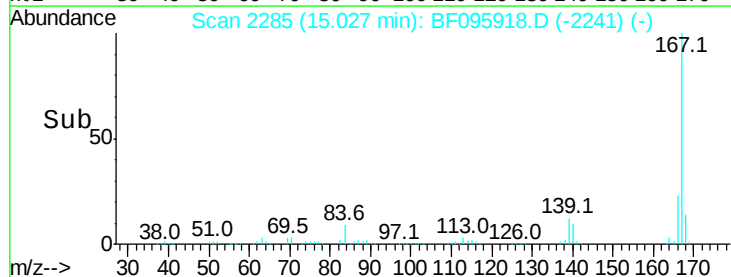
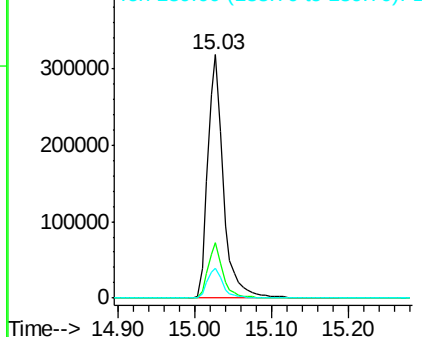


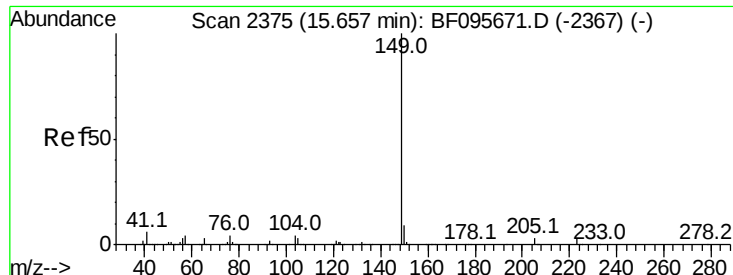
#72
 Carbazole
 Concen: 43.27 ng
 RT: 15.03 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	12.1	11.7	17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



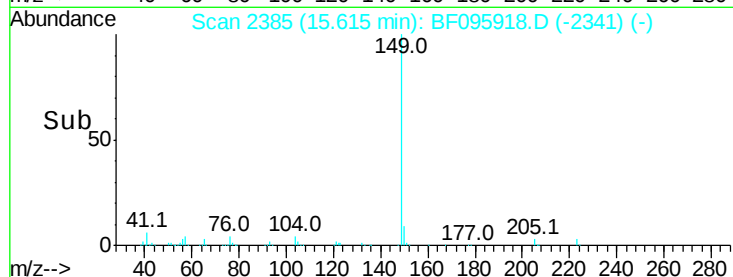
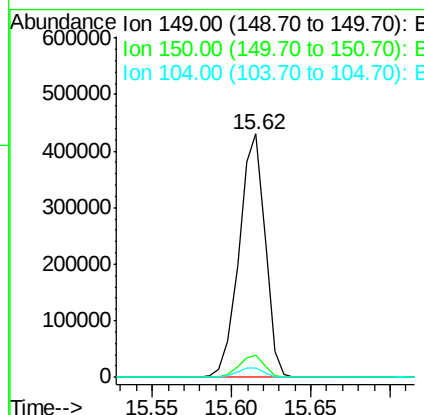
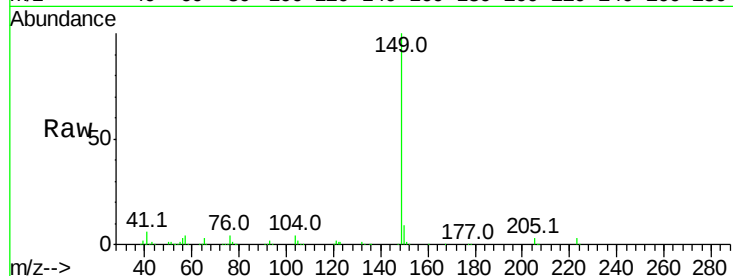


#73
Di-n-butylphthalate
Concen: 44.70 ng
RT: 15.62 min Scan# 2385
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

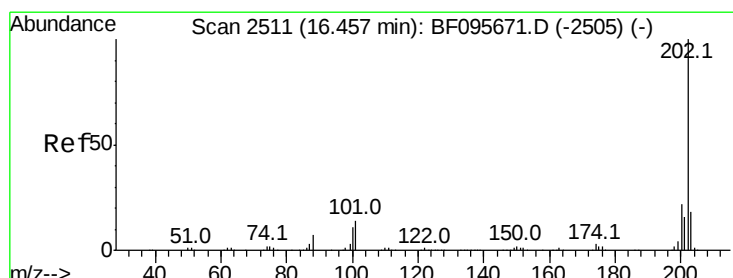
Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.1	7.7	11.5
104	3.9	4.0	6.0

Manual Integrations
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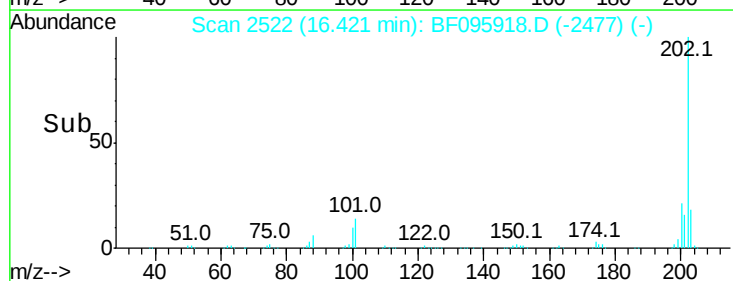
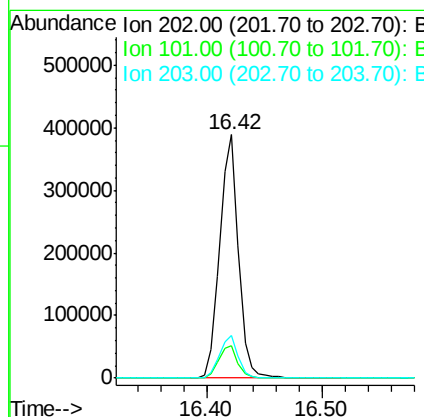
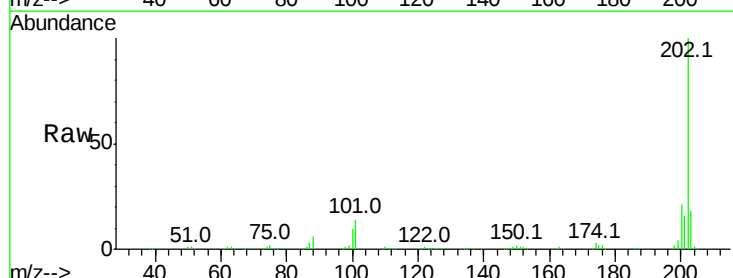
mohammad

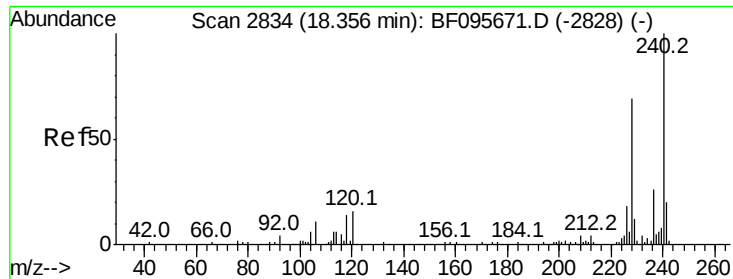
6/14/2017 4:25:30 PM



#74
Fluoranthene
Concen: 43.80 ng
RT: 16.42 min Scan# 2522
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

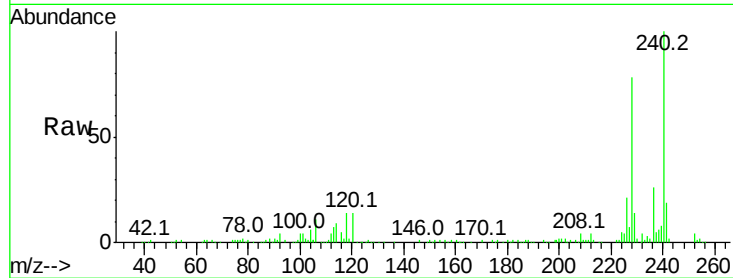
BNA_F

ClientSampleId :

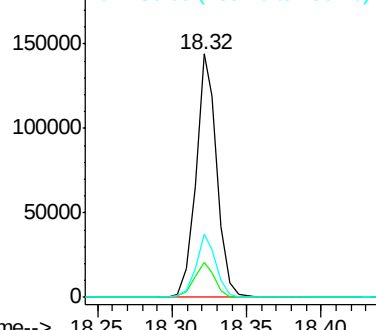
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.8	20.5	30.7

Manual Integrations
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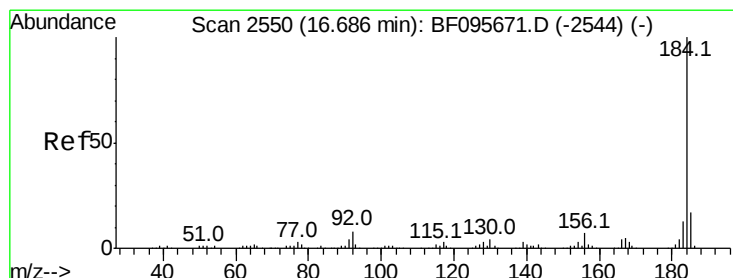
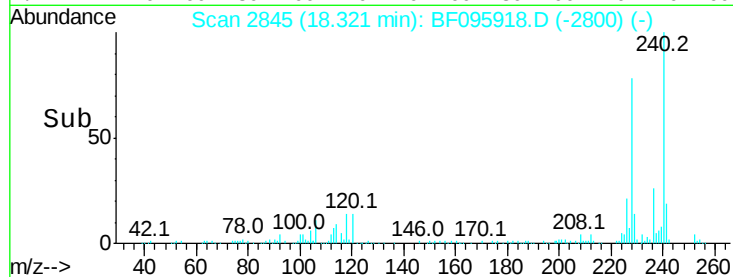


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



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#76

Benzidine

Concen: 42.08 ng

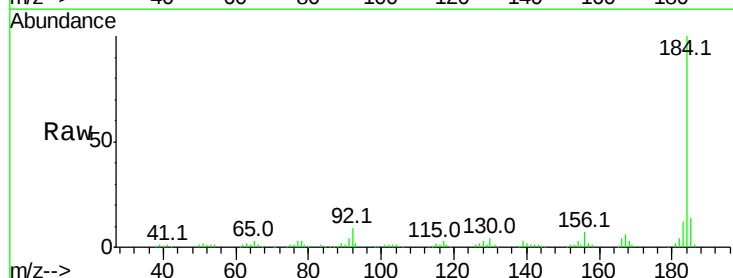
RT: 16.66 min Scan# 2562

Delta R.T. -0.03 min

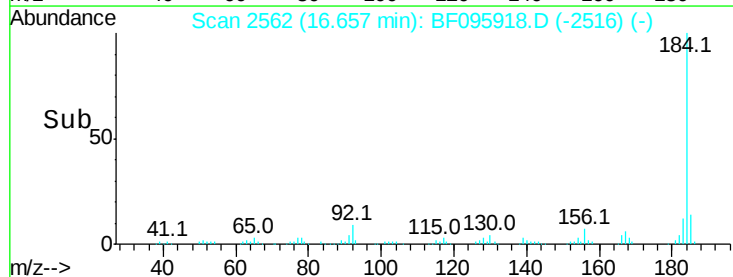
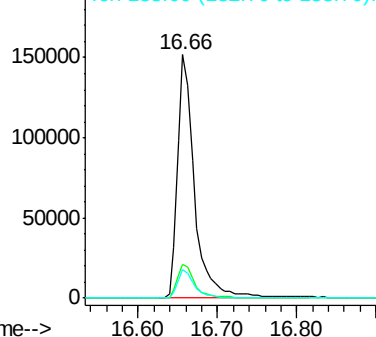
Lab File: BF095918.D

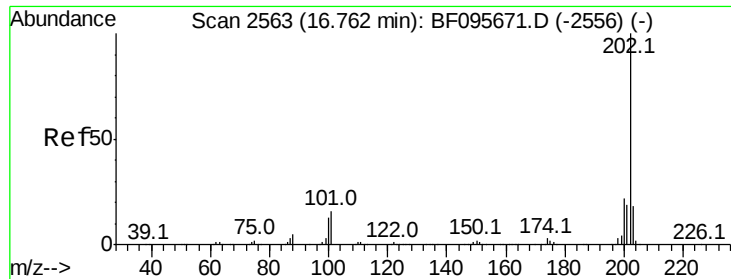
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	15.5	23.3#
183	11.6	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



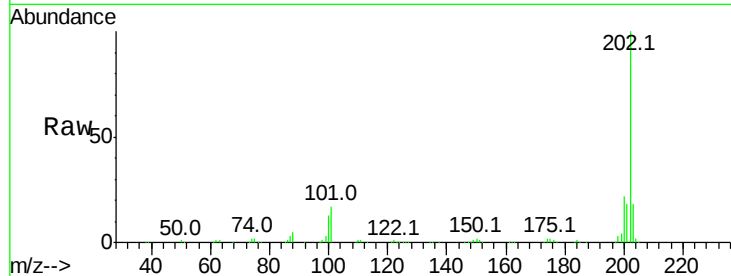


#77
Pvrene
Concen: 43.03 ng
RT: 16.72 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

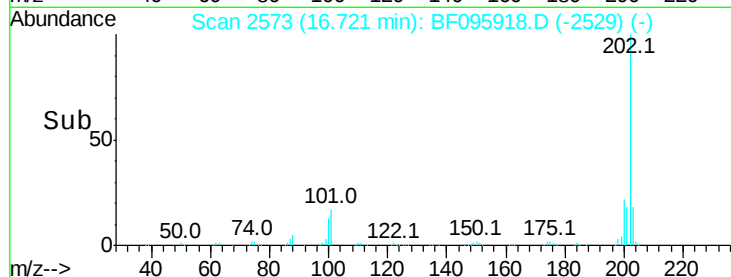
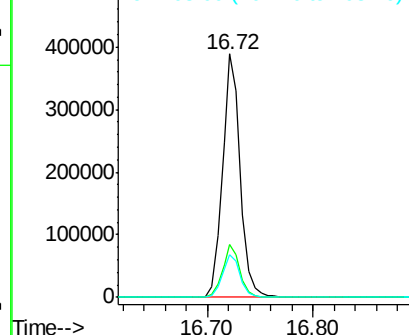
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.7	14.4	21.6

Manual Integrations
APPROVED

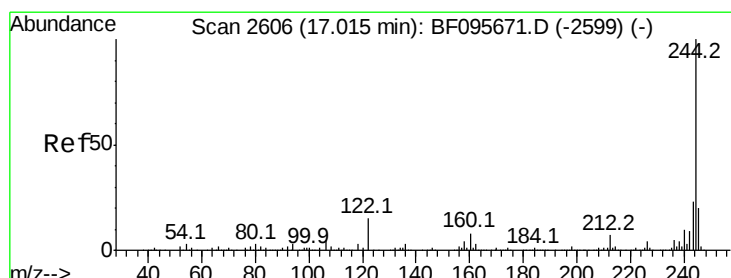


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



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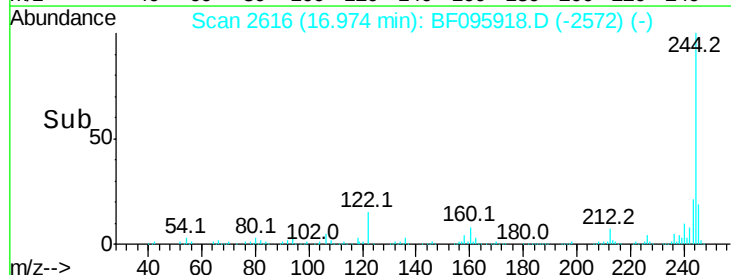
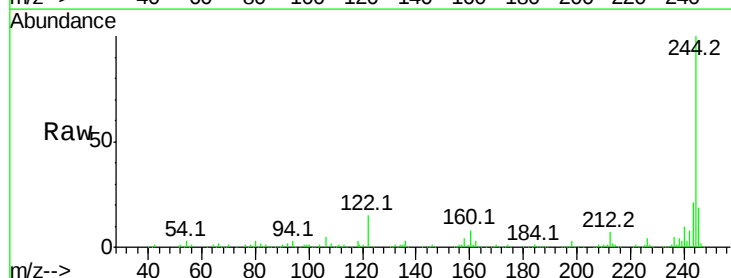
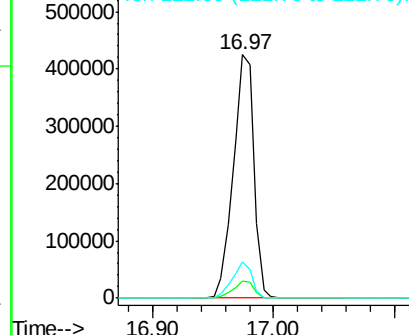
6/14/2017 4:25:30 PM

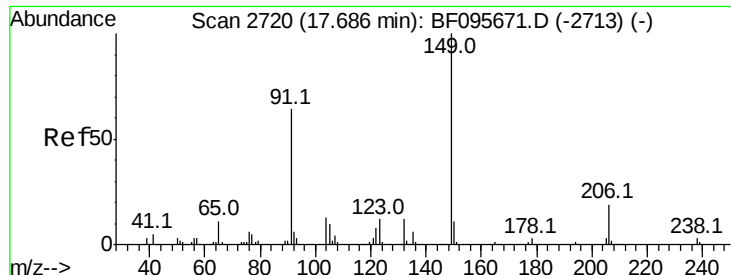


#78
Terphenyl-d14
Concen: 88.27 ng
RT: 16.97 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.9	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



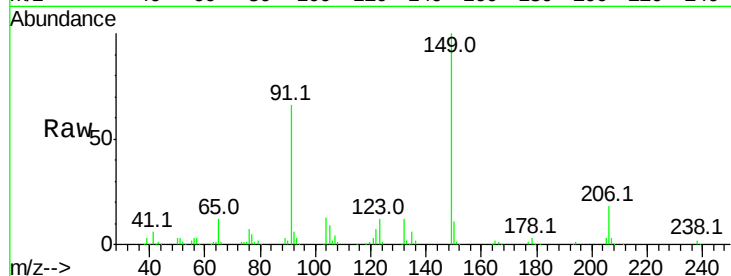


#79
Butylbenzylphthalate
Concen: 45.15 ng
RT: 17.64 min Scan# 2730
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

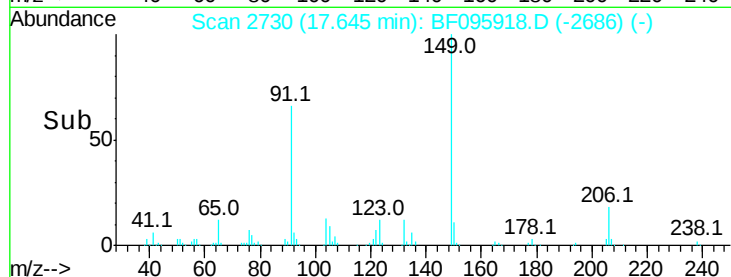
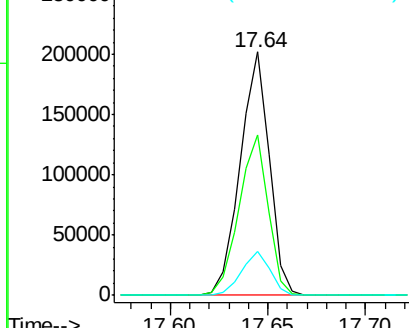
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.1	45.0	67.4
206	17.8	17.0	25.6

Manual Integrations
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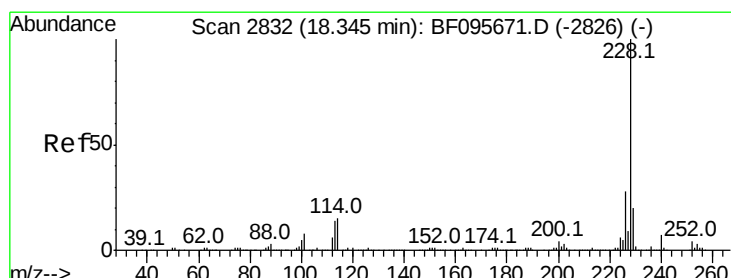


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



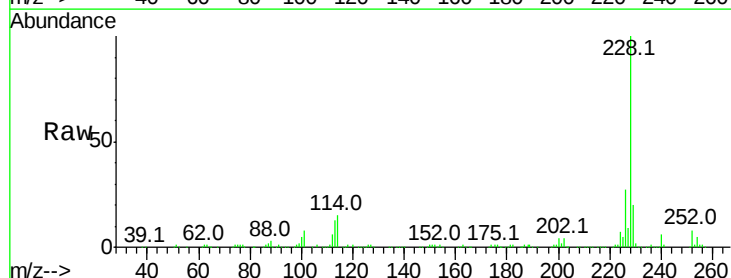
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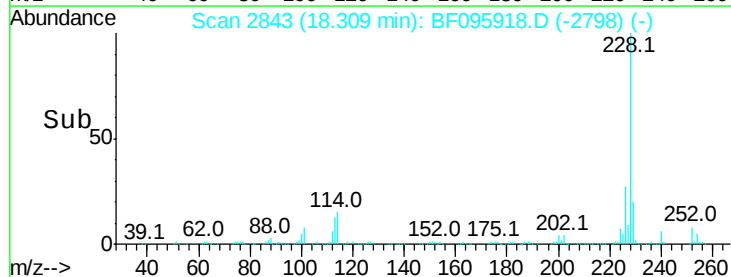
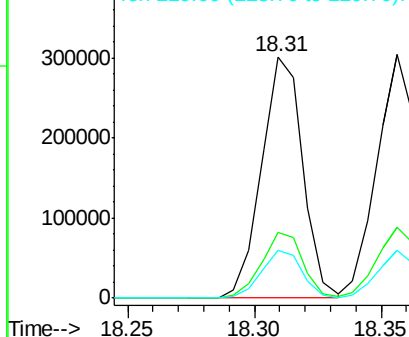


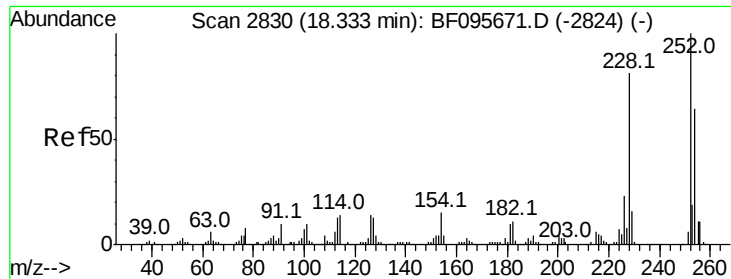
#80
Benzo(a)anthracene
Concen: 41.61 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.3	22.6	33.8
229	19.8	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



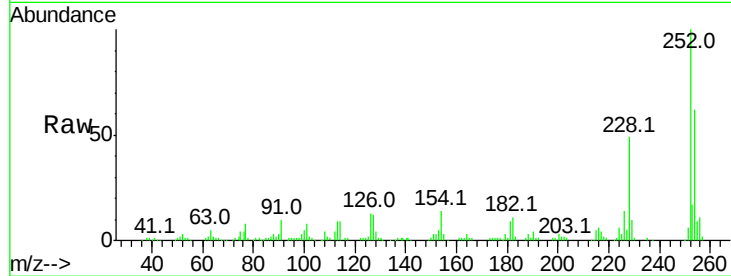


#81
 3,3'-Dichlorobenzidine
 Concen: 45.90 ng
 RT: 18.30 min Scan# 2841
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

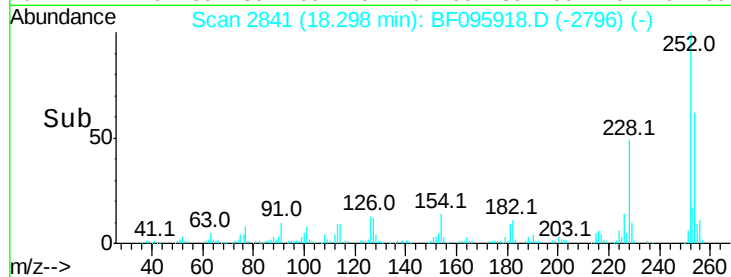
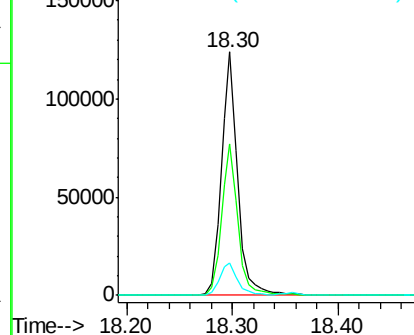
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.0	51.5	77.3
126	13.1	15.8	23.8

Manual Integrations
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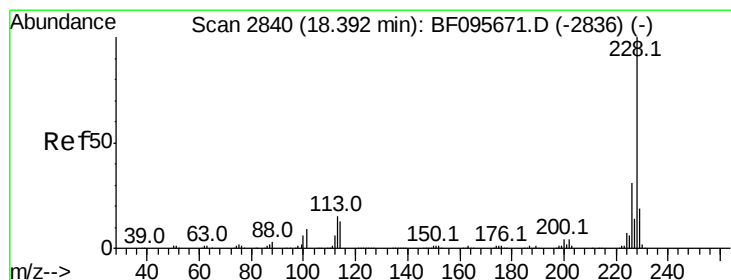


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



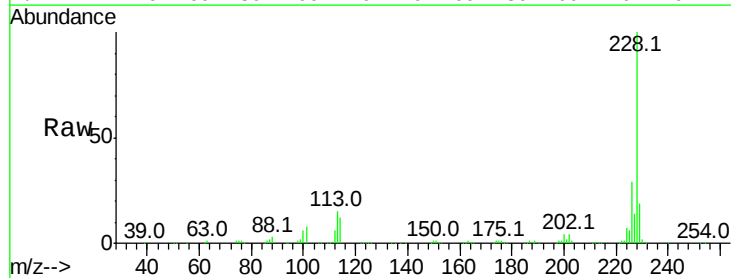
mohammad

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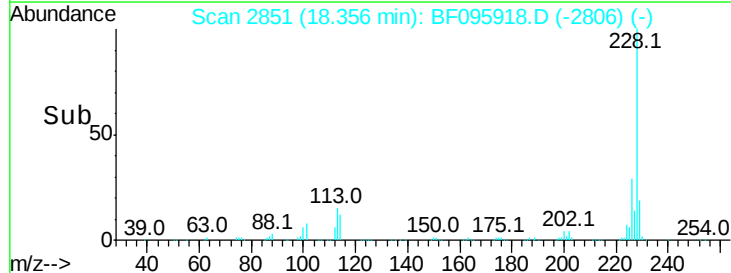
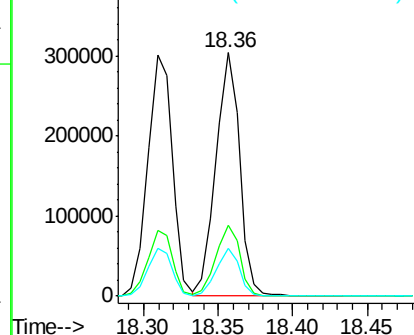


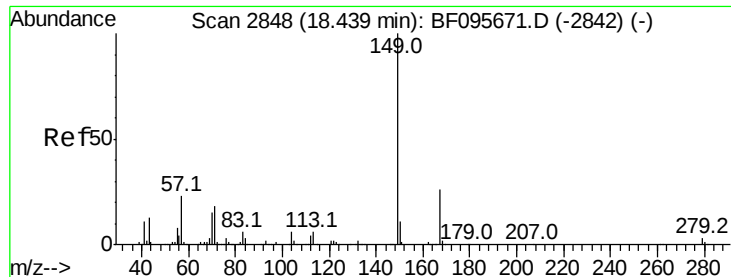
#82
 Chrysene
 Concen: 41.10 ng
 RT: 18.36 min Scan# 2851
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.0	24.9	37.3
229	19.4	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



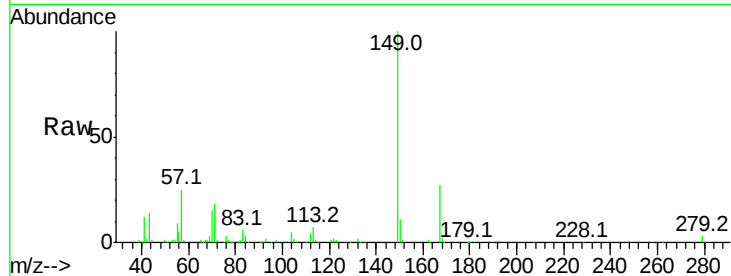


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.20 ng
 RT: 18.40 min Scan# 2858
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

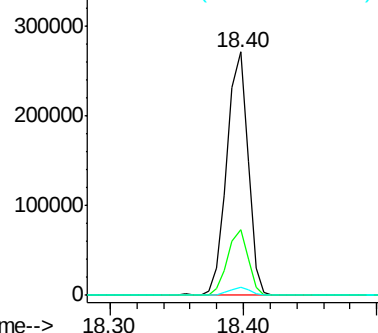
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.8	21.0	31.4
279	3.4	1.9	2.9

Manual Integrations
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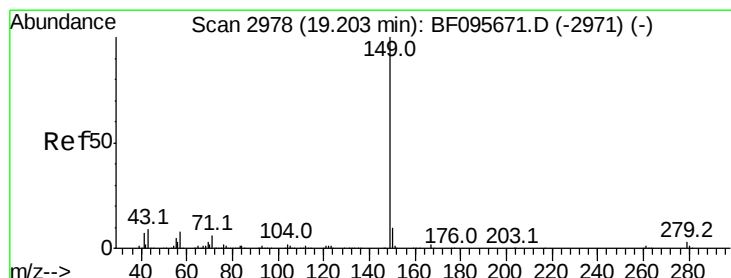
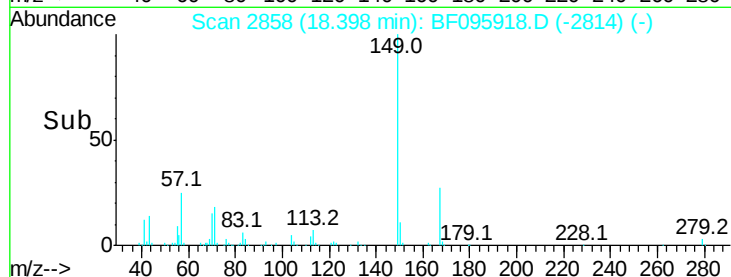


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



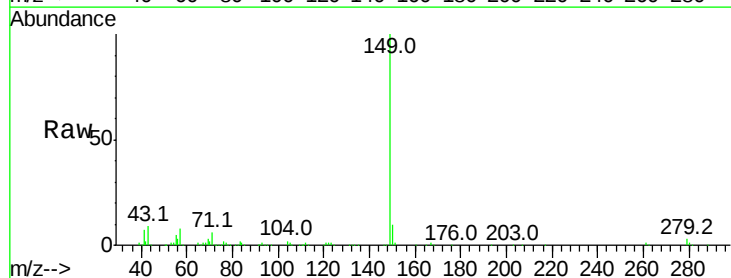
mohammad

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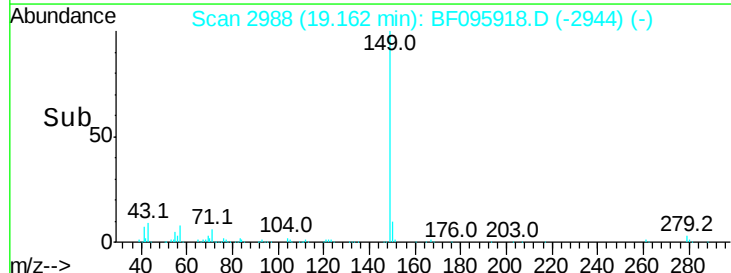
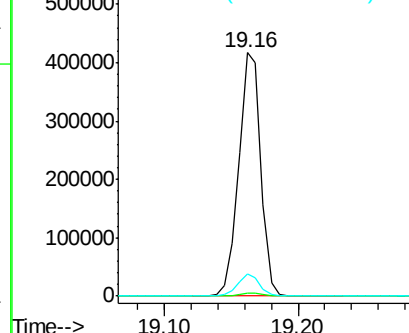


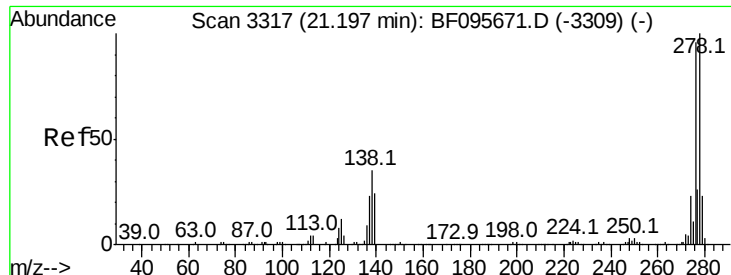
#84
 Di-n-octyl phthalate
 Concen: 44.62 ng
 RT: 19.16 min Scan# 2988
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



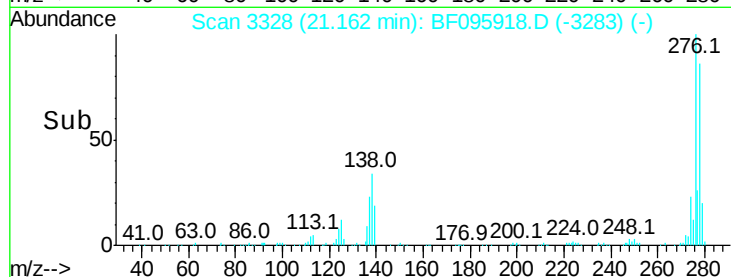
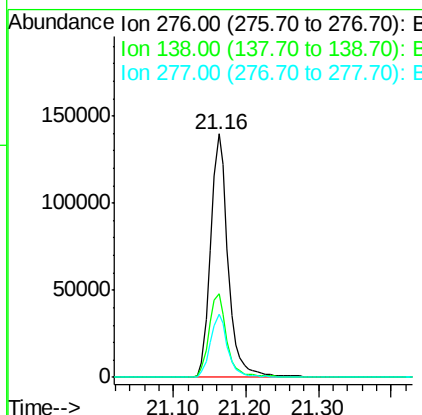
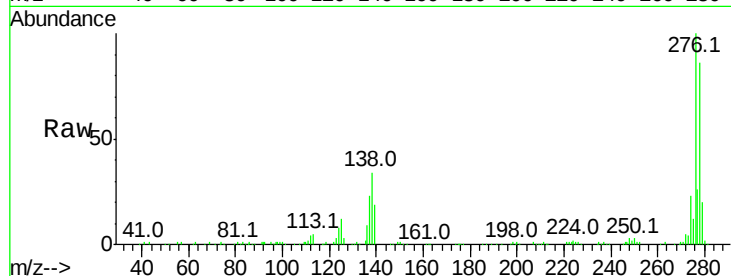


#85
Indeno(1,2,3-cd)pyrene
Concen: 33.39 ng
RT: 21.16 min Scan# 3328
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

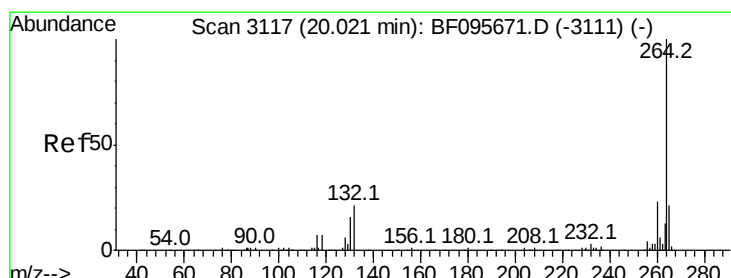
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.7	20.2	30.4

Manual Integrations
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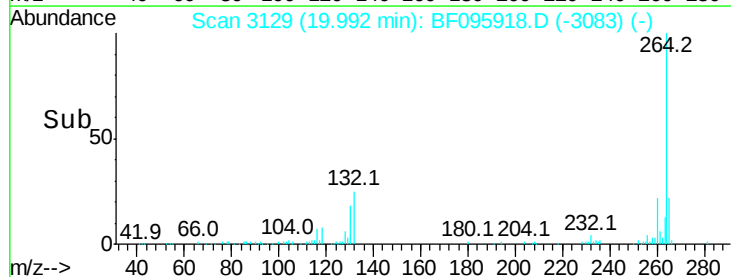
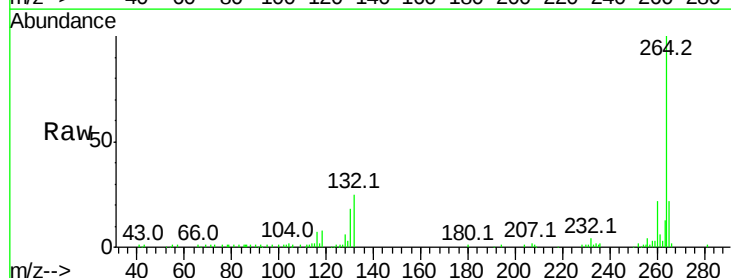
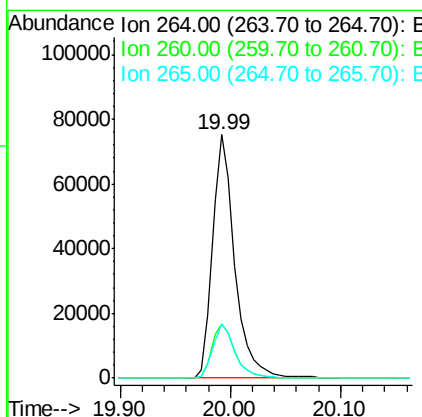
mohammad

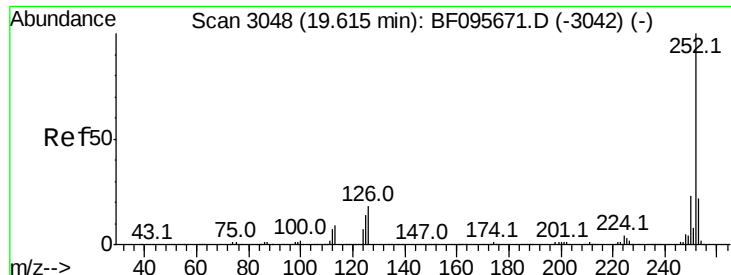
6/14/2017 4:25:30 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.51 ng

RT: 19.59 min Scan# 3060

Delta R.T. -0.03 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

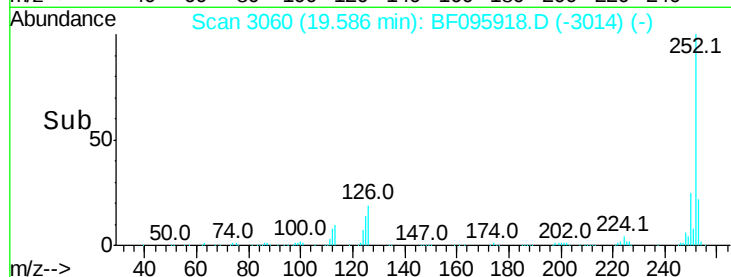
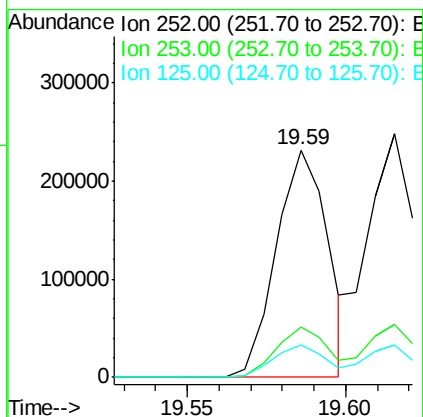
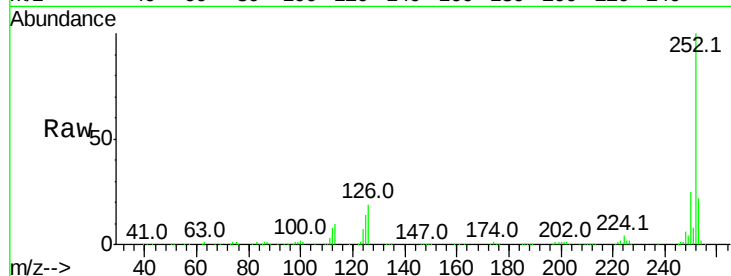
BNA_F

ClientSampleId :

SSTDCCC040

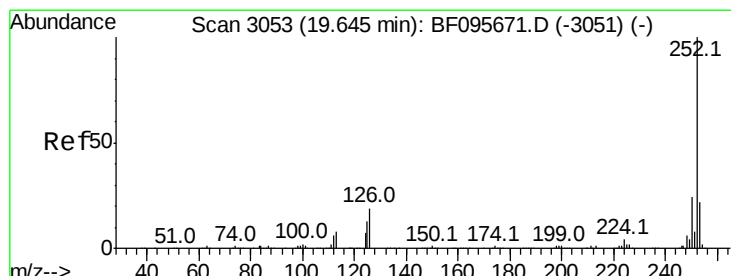
Tot Ion:	252	Resp:	262454
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	14.2	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.42 ng

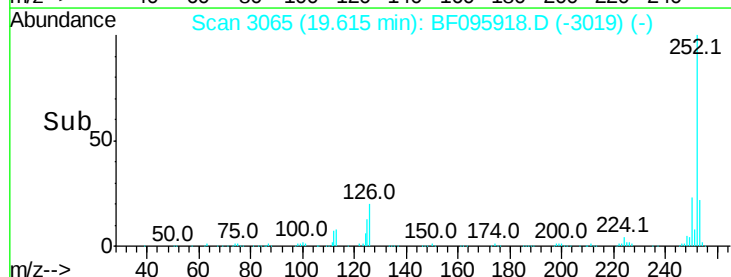
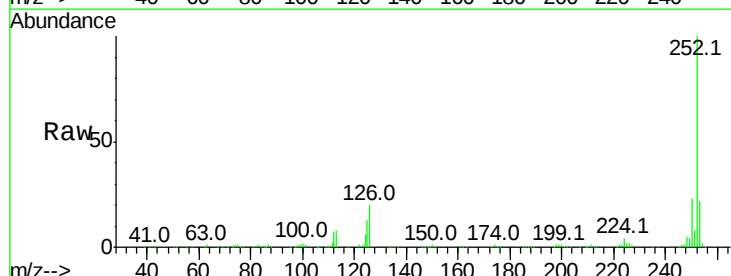
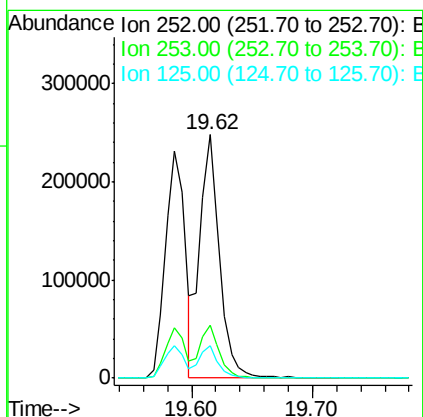
RT: 19.62 min Scan# 3065

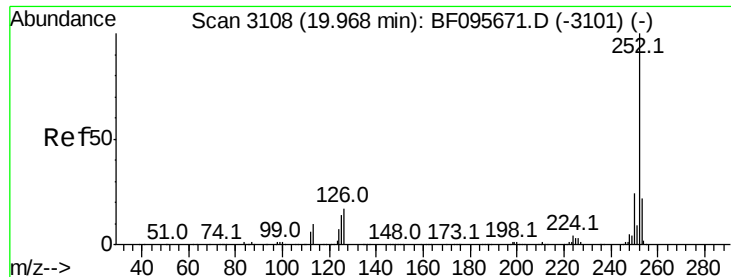
Delta R.T. -0.03 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Tgt Ion:	252	Resp:	281289
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	13.3	13.1	19.7



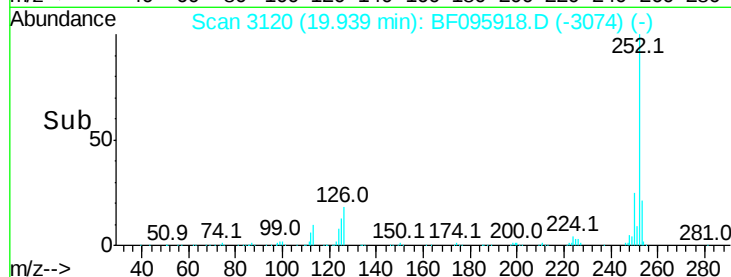
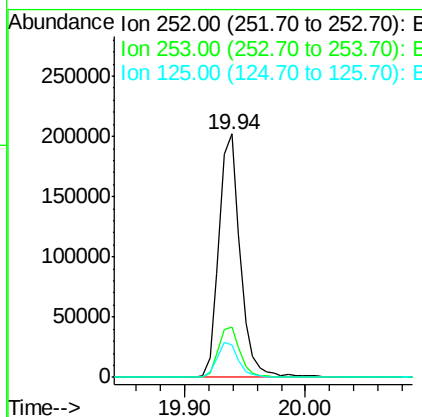
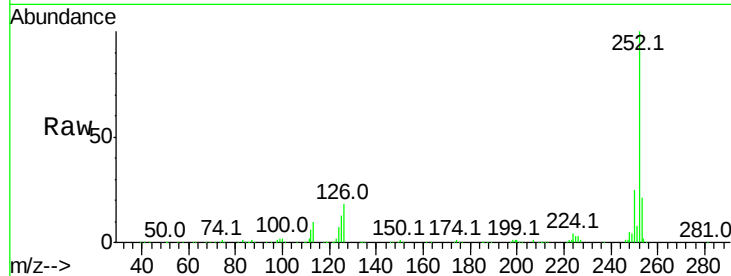


#89
Benzo(a)pyrene
Concen: 41.50 ng
RT: 19.94 min Scan# 3120
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

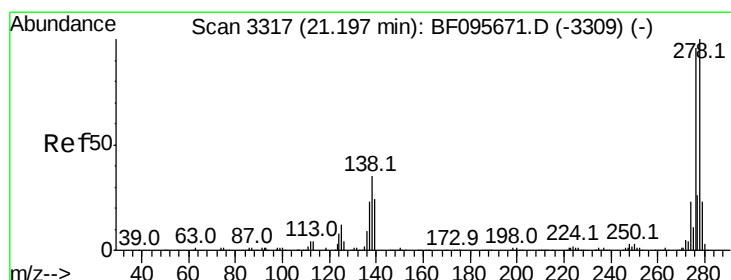
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	13.3	11.0	16.4

Manual Integrations
APPROVED



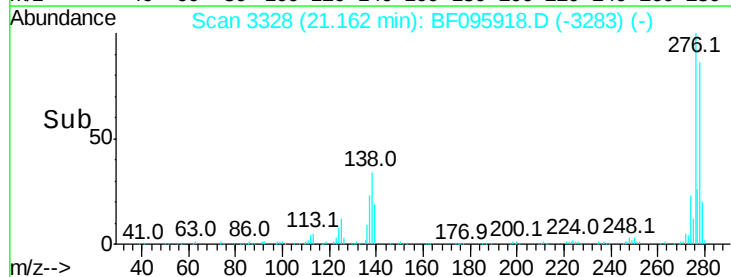
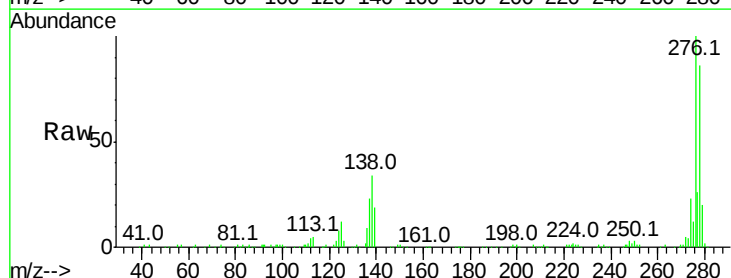
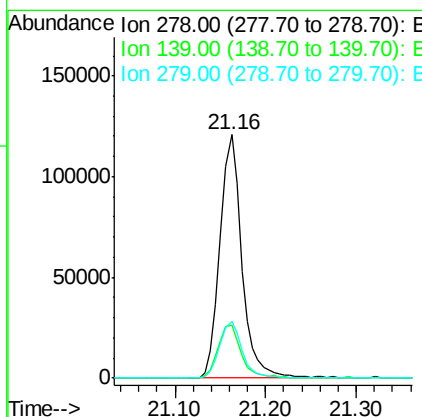
mohammad

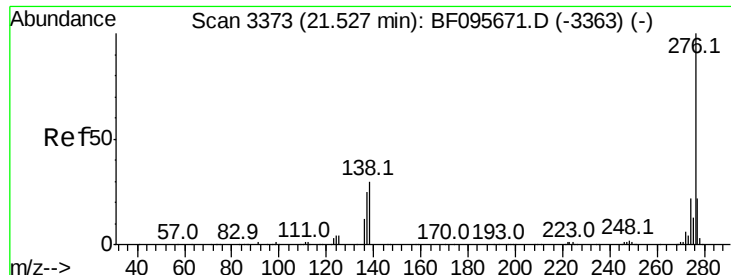
6/14/2017 4:25:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.23 ng
RT: 21.16 min Scan# 3328
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	16.6	24.8
279	23.4	19.3	28.9



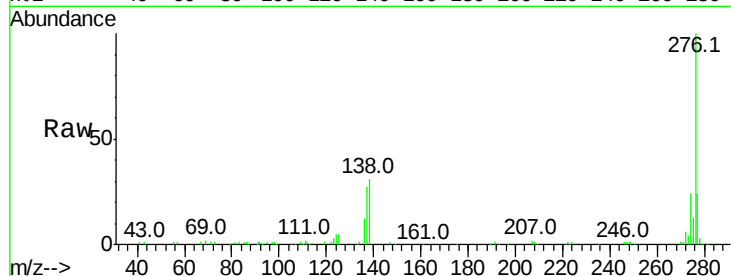


#91
 Benzo(a,h,i)perylene
 Concen: 38.97 ng
 RT: 21.49 min Scan# 3384
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

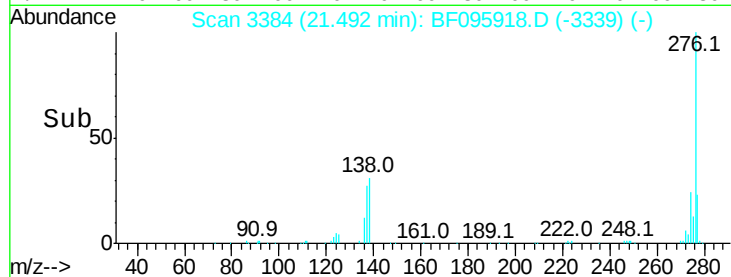
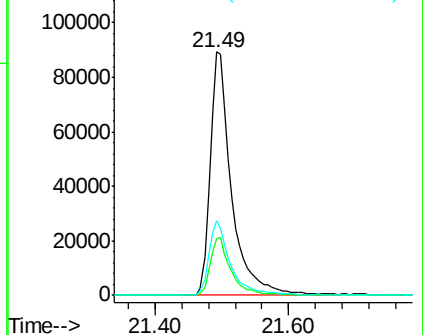
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	200708
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	30.9	25.4	38.0

Manual Integrations
 APPROVED



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E



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