

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096056.D
 Acq On : 20 Jun 2017 21:20
 Operator : SJ/MA
 Sample : I3759-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Manual Integrations
 APPROVED

Quant Time: Jun 21 01:55:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	70703	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	262474	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	103425	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	156560	20.00	ng	0.00
75) Chrysene-d12	18.30	240	99446	20.00	ng	0.02
86) Perylene-d12	19.96	264	85849	20.00	ng	0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	567762	127.96	ng	0.01
7) Phenol-d6	6.88	99	633739	119.30	ng	0.00
23) Nitrobenzene-d5	8.22	82	374658	88.65	ng	0.00
41) 2,4,6-Tribromophenol	13.45	330	99027	108.22	ng	0.00
44) 2-Fluorobiphenyl	11.11	172	668552	89.95	ng	0.00
78) Terphenyl-d14	16.94	244	439615	109.71	ng	0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	73412	34.78	ng	94
3) Pyridine	2.19	79	185598m	37.41	ng	
4) n-Nitrosodimethylamine	2.16	42	84291	44.69	ng	# 83
6) Aniline	6.80	93	119226	17.16	ng	96
8) 2-Chlorophenol	6.99	128	206550	43.78	ng	93
9) Benzaldehyde	6.60	77	55577	15.51	ng	93
10) Phenol	6.90	94	253249	45.96	ng	88
11) bis(2-Chloroethyl)ether	6.94	93	198618	45.50	ng	97
12) 1,3-Dichlorobenzene	7.19	146	216934	40.62	ng	98
13) 1,4-Dichlorobenzene	7.32	146	222633	41.11	ng	98
14) 1,2-Dichlorobenzene	7.55	146	210324	42.13	ng	96
15) Benzyl Alcohol	7.61	79	154654	42.42	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.80	45	261200	42.59	ng	96
17) 2-Methylphenol	7.85	107	167531	42.31	ng	92
18) Hexachloroethane	8.07	117	56724	31.72	ng	88
19) n-Nitroso-di-n-propylamine	8.04	70	142073	42.20	ng	91
20) 3+4-Methylphenols	8.13	107	219677	43.71	ng	# 59
22) Acetophenone	7.99	105	274772	44.73	ng	# 84
24) Nitrobenzene	8.25	77	195781	43.37	ng	92
25) Isophorone	8.65	82	336488	42.64	ng	96
26) 2-Nitrophenol	8.76	139	95253	40.29	ng	98
27) 2,4-Dimethylphenol	8.92	122	170060	46.35	ng	98
28) bis(2-Chloroethoxy)methane	9.03	93	230085	44.23	ng	99
29) 2,4-Dichlorophenol	9.22	162	153631	43.48	ng	97
30) 1,2,4-Trichlorobenzene	9.26	180	156611	42.60	ng	98
31) Naphthalene	9.36	128	605488	45.97	ng	99
32) Benzoic acid	9.29	122	68358	31.75	ng	95
33) 4-Chloroaniline	9.54	127	75465	14.66	ng	95
34) Hexachlorobutadiene	9.58	225	81801	43.06	ng	96
35) Caprolactam	10.15	113	46818	44.53	ng	96
36) 4-Chloro-3-methylphenol	10.42	107	153466	41.49	ng	99
37) 2-Methylnaphthalene	10.49	142	397050	44.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	136082	43.96	ng	98
40) Hexachlorocyclopentadiene	10.74	237	1518m	12.59	ng	

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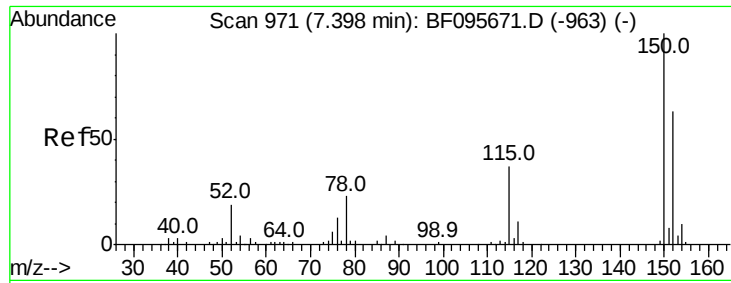
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Manual Integrations
 APPROVED

Quant Time: Jun 21 01:55:52 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	11.01	196	91383	45.92	nq	97	
43) 2,4,5-Trichlorophenol	11.11	196	86872	41.04	nq	93	
45) 1,1'-Biphenyl	11.26	154	396955	46.57	nq	98	
46) 2-Chloronaphthalene	11.27	162	290154	43.57	nq	94	
47) 2-Nitroaniline	11.50	65	87611	44.95	nq	#	82
48) Acenaphthylene	11.93	152	914917	80.33	nq	100	mohammad
49) Dimethylphthalate	11.82	163	439848	56.01	nq	99	
50) 2,6-Dinitrotoluene	11.92	165	60499	35.32	nq	#	58
51) Acenaphthene	12.20	154	349099	53.07	nq	98	
52) 3-Nitroaniline	12.18	138	60562	30.35	nq	88	
54) Dibenzofuran	12.49	168	472192	51.01	nq	98	6/21/2017 2:16:51 PM
55) 4-Nitrophenol	12.62	139	58012	51.54	nq	#	70
56) 2,4-Dinitrotoluene	12.60	165	78926	34.12	nq	#	94
57) Fluorene	13.04	166	450070	55.87	nq	98	
58) 2,3,4,6-Tetrachlorophenol	12.75	232	61721	42.61	nq	92	
59) Diethylphthalate	12.96	149	321069	42.48	nq	99	
60) 4-Chlorophenyl-phenylether	13.07	204	137331	39.20	nq	91	
61) 4-Nitroaniline	13.18	138	70955	38.08	nq	95	
62) Azobenzene	13.33	77	273095	39.87	nq	93	
64) 4,6-Dinitro-2-methylphenol	13.30	198	8939	8.69	nq	#	42
65) n-Nitrosodiphenylamine	13.29	169	264936	47.09	nq	98	
66) 4-Bromophenyl-phenylether	13.85	248	74659	45.88	nq	98	
67) Hexachlorobenzene	13.95	284	69900	43.60	nq	#	91
68) Atrazine	14.22	200	74483	47.57	nq	98	
69) Pentachlorophenol	14.32	266	43028	71.54	nq	99	
70) Phenanthrene	14.60	178	1377007	152.44	nq	99	
71) Anthracene	14.68	178	860055	91.20	nq	98	
72) Carbazole	14.97	167	403270	43.88	nq	98	
73) Di-n-butylphthalate	15.57	149	455990	46.64	nq	98	
74) Fluoranthene	16.40	202	1542763	172.55	nq	98	
76) Benzidine	16.64	184	8929	2.34	nq	#	56
77) Pyrene	16.71	202	2083440	280.78	nq	99	
79) Butylbenzylphthalate	17.61	149	183127	56.51	nq	90	
80) Benzo(a)anthracene	18.29	228	990713	171.35	nq	93	
81) 3,3'-Dichlorobenzidine	18.27	252	57734	28.09	nq	96	
82) Chrysene	18.33	228	985401m	170.54	nq		
83) Bis(2-ethylhexyl)phthalate	18.36	149	253103	55.37	nq	#	100
84) Di-n-octyl phthalate	19.13	149	403205	53.53	nq	#	98
85) Indeno(1,2,3-cd)pyrene	21.14	276	461755	93.40	nq	97	
87) Benzo(b)fluoranthene	19.57	252	809754m	150.64	nq		
88) Benzo(k)fluoranthene	19.59	252	377615m	73.49	nq		
89) Benzo(a)pyrene	19.92	252	672393	136.09	nq	96	
90) Dibenzo(a,h)anthracene	21.13	278	267450	63.81	nq	93	
91) Benzo(g,h,i)perylene	21.47	276	435744	101.98	nq	95	

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



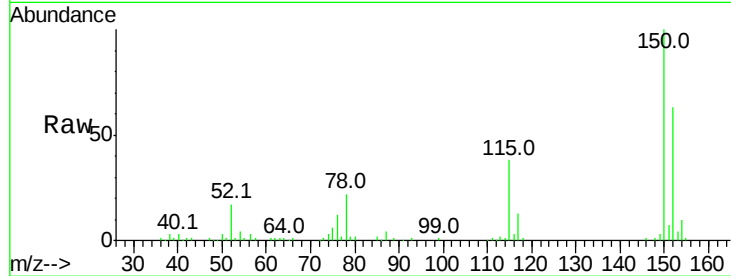
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

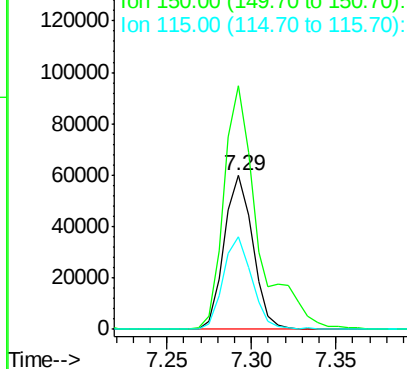
Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	60.2	52.2	78.2

Manual Integrations
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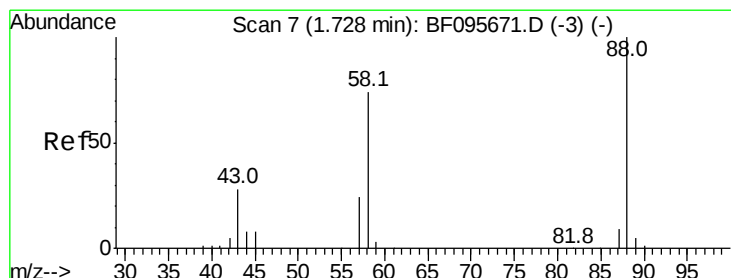
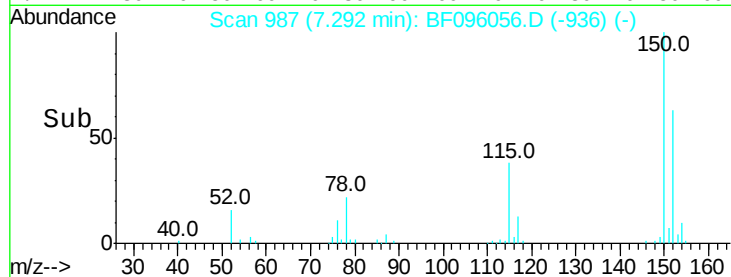


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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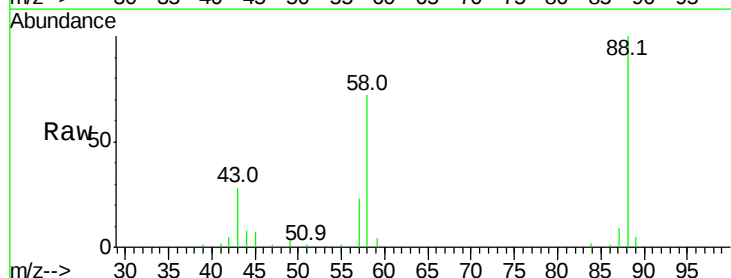
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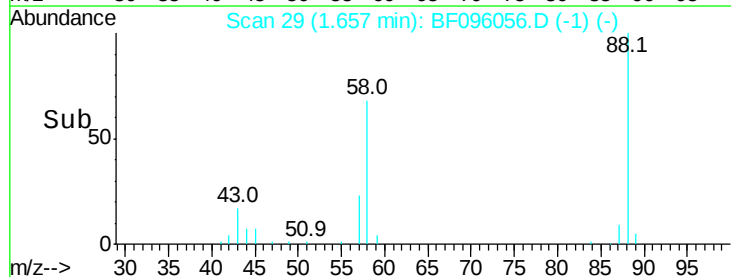
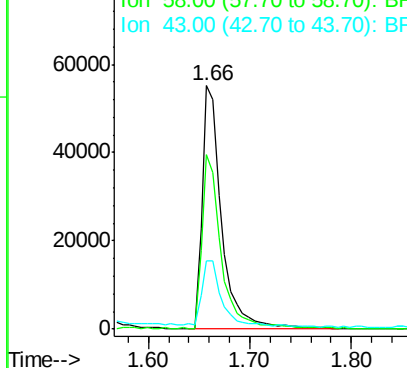
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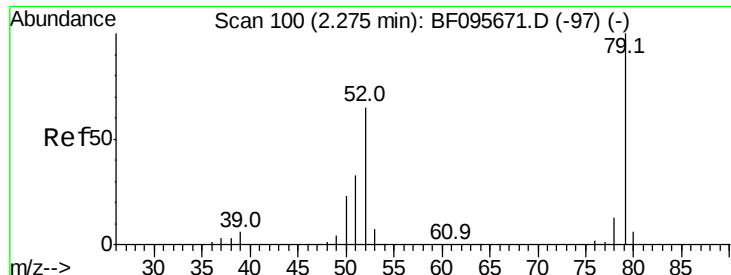
1,4-Dioxane
Concen: 34.78 ng
RT: 1.66 min Scan# 29
Delta R.T. 0.05 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	61.4	92.0
43	26.6	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



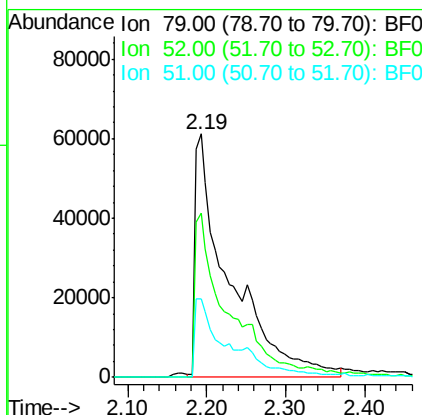
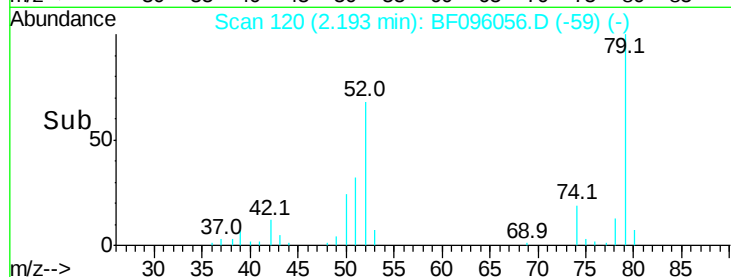
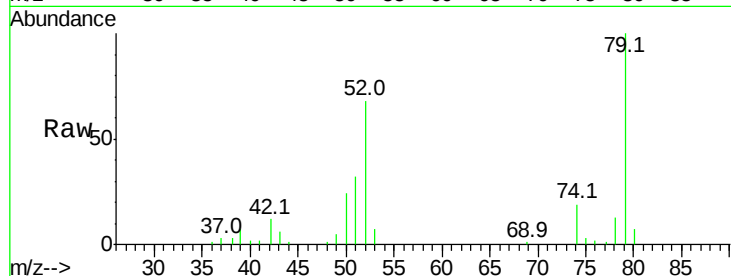


#3
 Pvridine
 Concen: 37.41 ng/ml
 RT: 2.19 min Scan# 120
 Delta R.T. 0.06 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

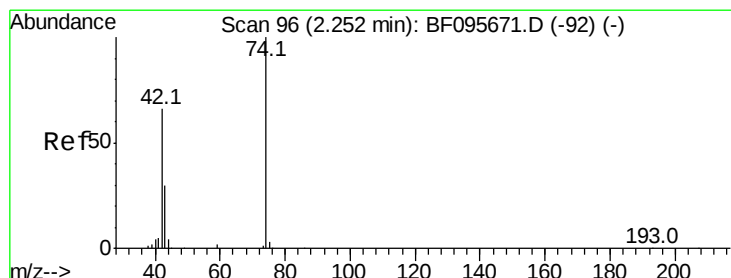
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	67.5	54.8	82.2	
51	32.3	27.0	40.4	

Manual Integrations
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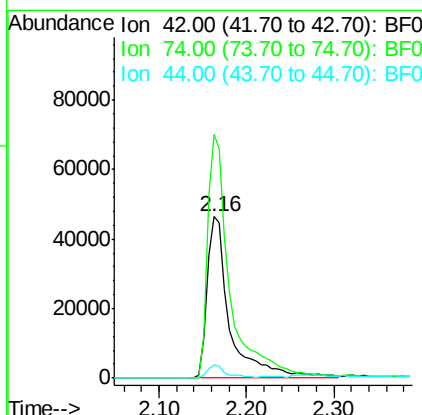
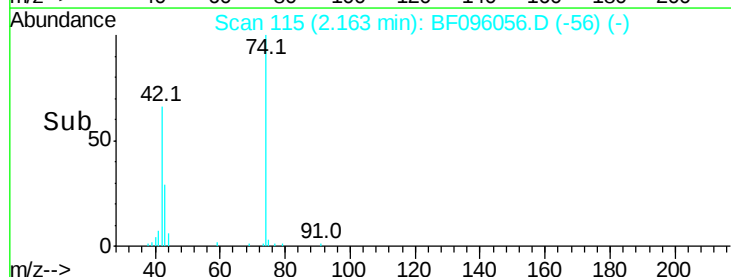
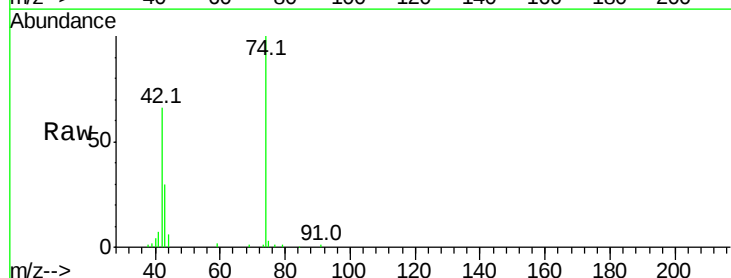
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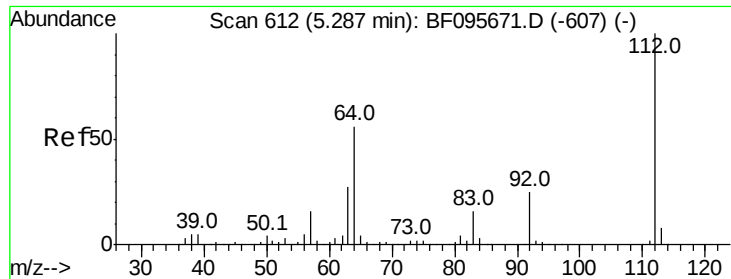
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#4
 n-Nitrosodimethylamine
 Concen: 44.69 ng/ml
 RT: 2.16 min Scan# 115
 Delta R.T. 0.05 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	150.8	103.9	155.9	
44	8.5	5.7	8.5#	





#5

2-Fluorophenol

Concen: 127.96 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

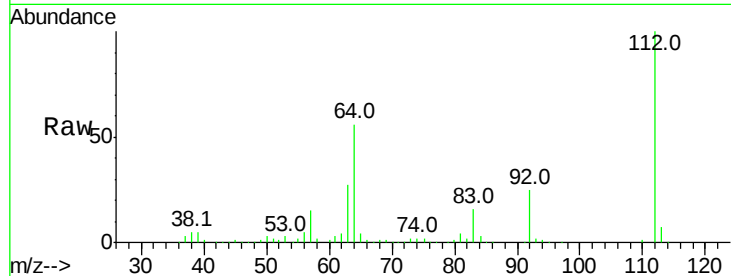
BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion:	112	Resp:	567762
Ion Ratio	Lower	Upper	
112	100		
64	55.6	46.0	69.0
63	27.0	23.4	35.0

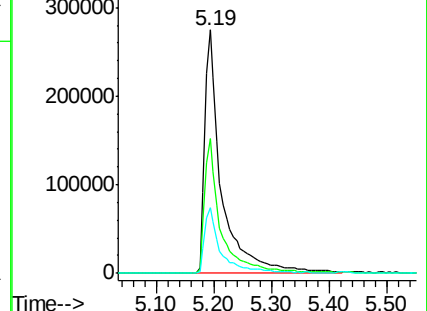
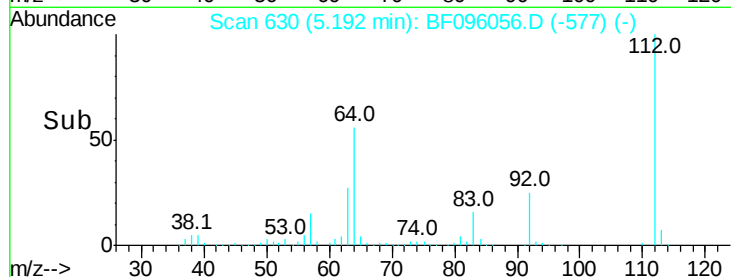
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Abundance Ion 112.00 (111.70 to 112.70): E

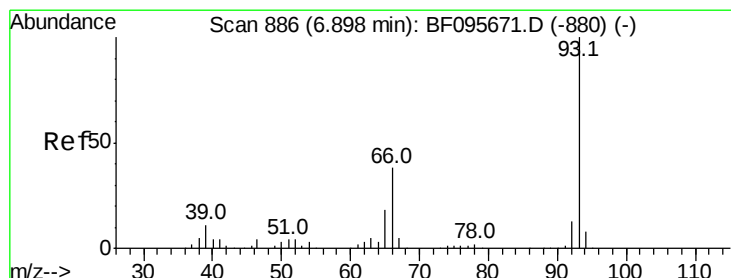
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 17.16 ng

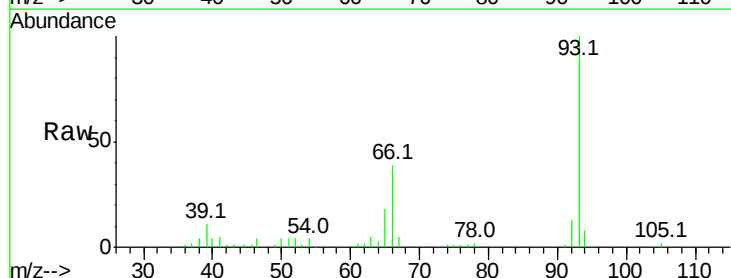
RT: 6.80 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

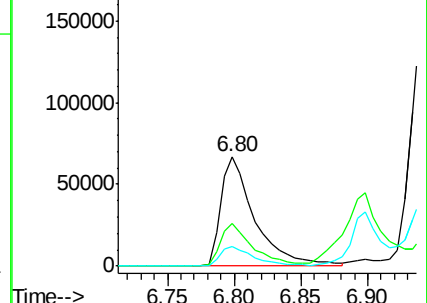
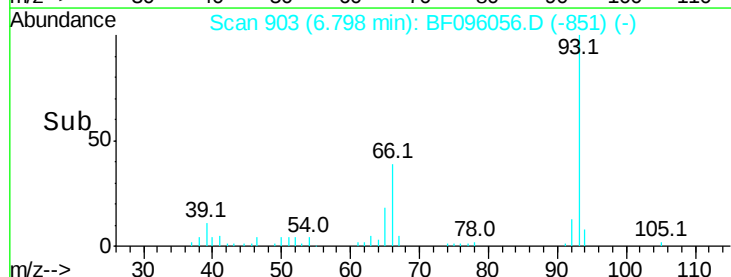
Tgt Ion:	93	Resp:	119226
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.9	49.3
65	18.2	16.0	24.0

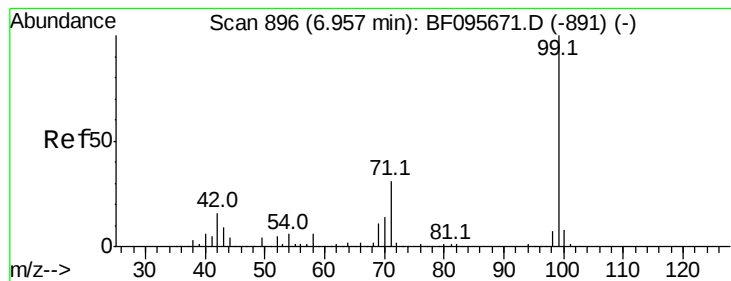


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.30 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

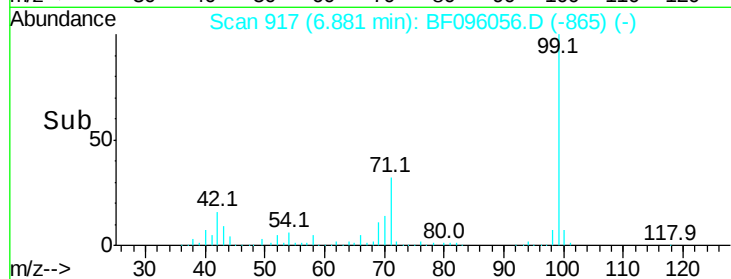
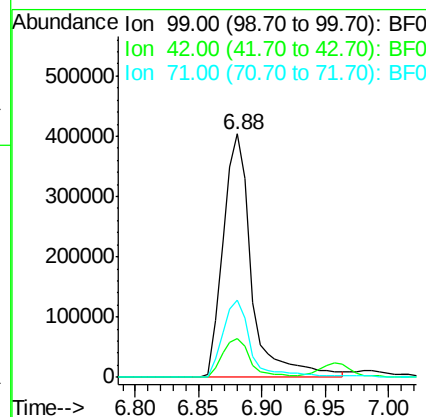
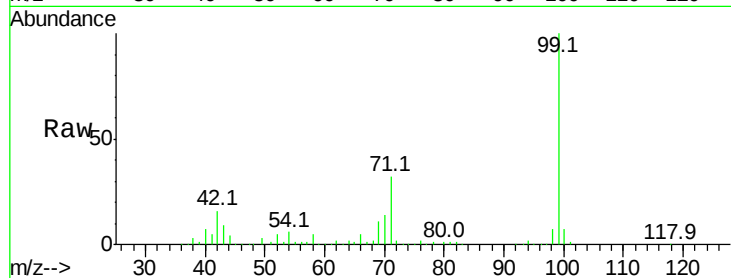
BNA_F

ClientSampleId :

SU-02-061617MS

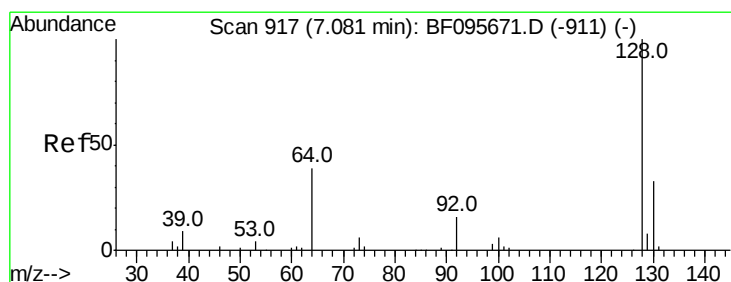
Tot Ion:	99	Resp:	633739
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.6	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.78 ng

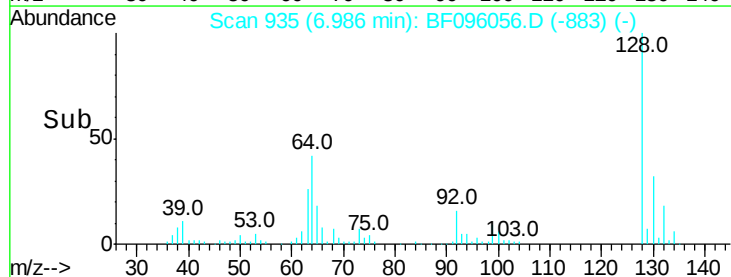
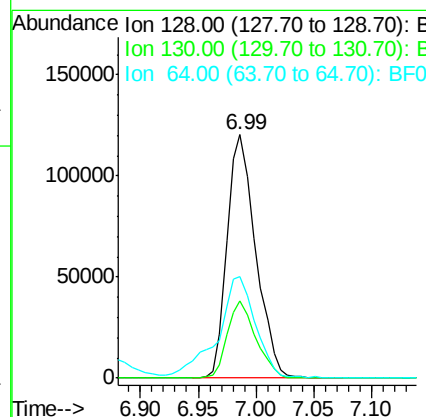
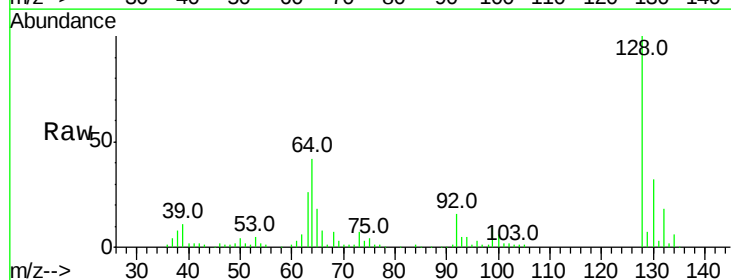
RT: 6.99 min Scan# 935

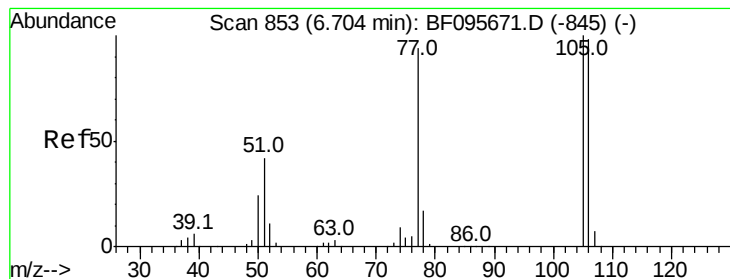
Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Tgt Ion:	128	Resp:	206550
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	42.0	28.4	68.4





#9

Benzaldehyde

Concen: 15.51 ng

RT: 6.60 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

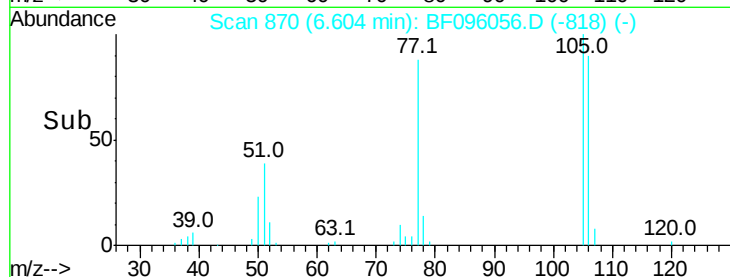
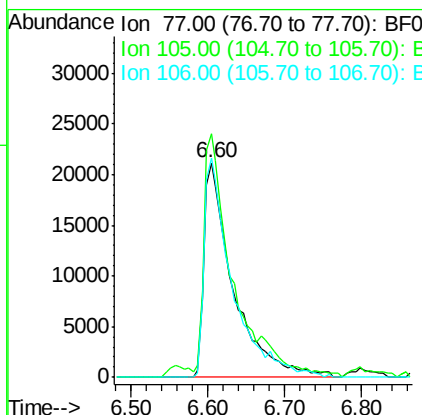
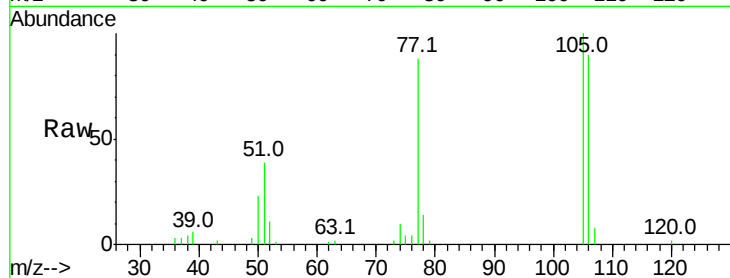
BNA_F

ClientSampleId :

SU-02-061617MS

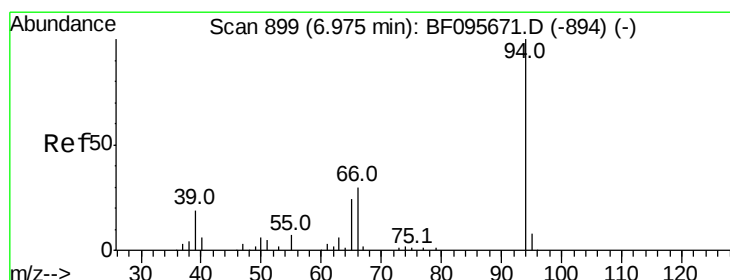
Tot Ion:	77	Resp:	55577
Ion	Ratio	Lower	Upper
77	100		
105	113.6	83.8	123.8
106	102.6	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 45.96 ng

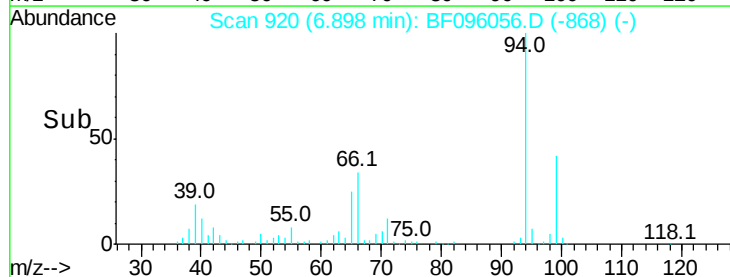
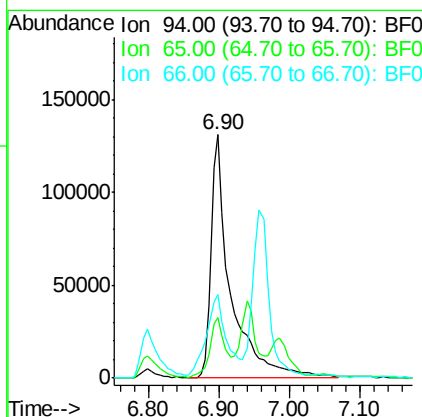
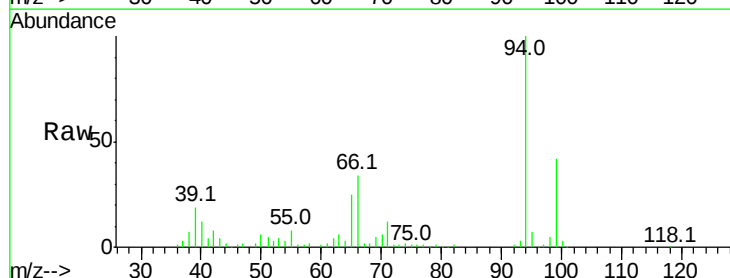
RT: 6.90 min Scan# 920

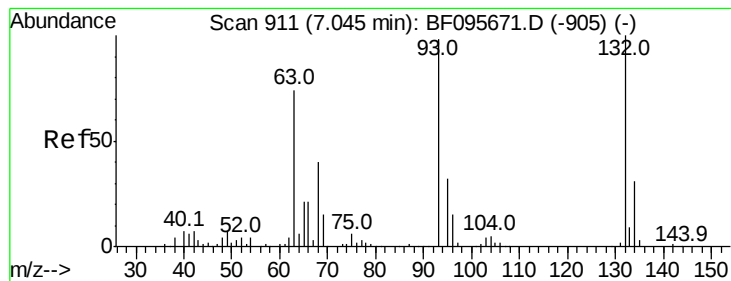
Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Tgt Ion:	94	Resp:	253249
Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	34.5	23.1	63.1



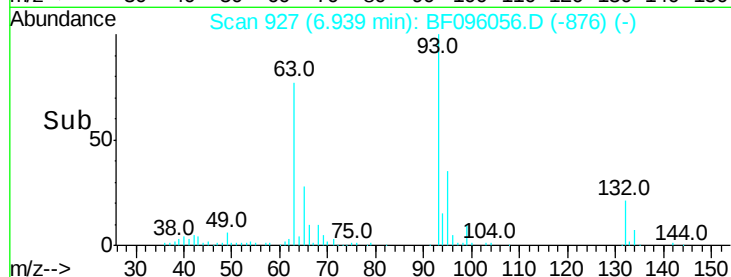
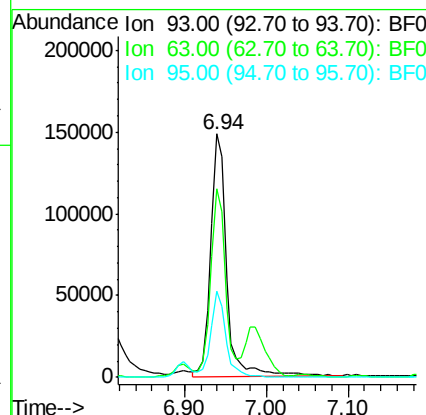
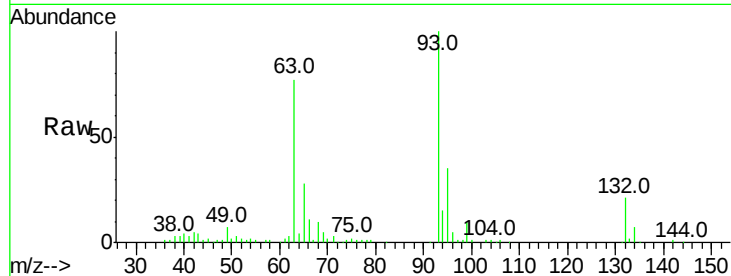


#11
bis(2-Chloroethyl)ether
Concen: 45.50 ng
RT: 6.94 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

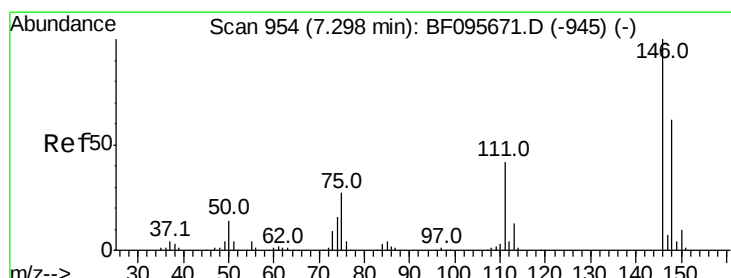
Tot Ion	Ratio	Resp	Lower	Upper
93	100	198618		
63	77.5	59.2	99.2	
95	35.1	12.8	52.8	

Manual Integrations
APPROVED



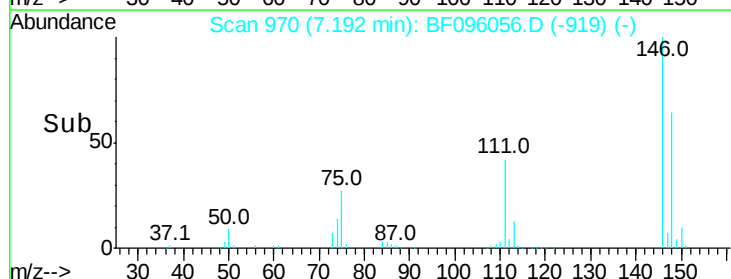
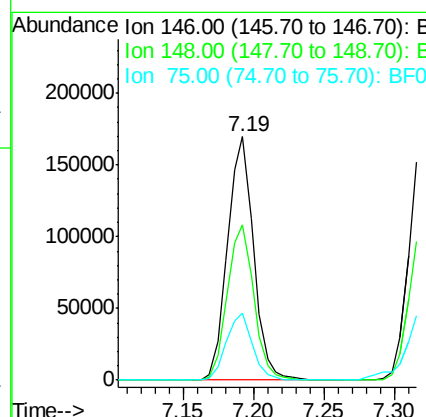
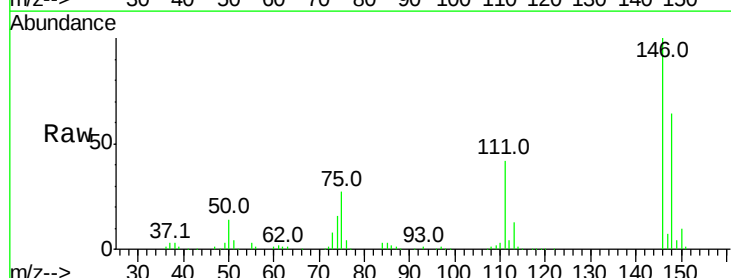
mohammad

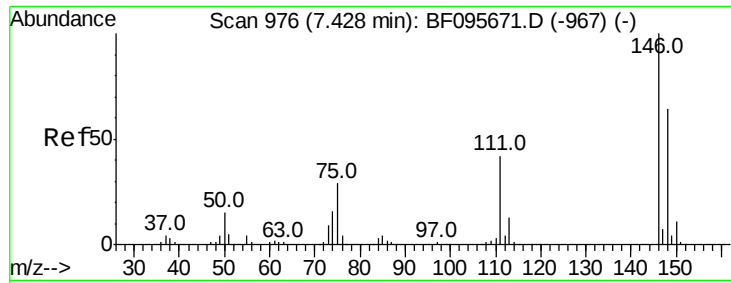
6/21/2017 2:16:51 PM



#12
1,3-Dichlorobenzene
Concen: 40.62 ng
RT: 7.19 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	216934		
148	63.8	51.8	77.6	
75	27.3	23.1	34.7	



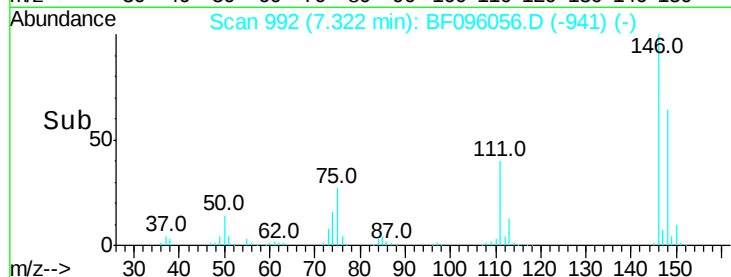
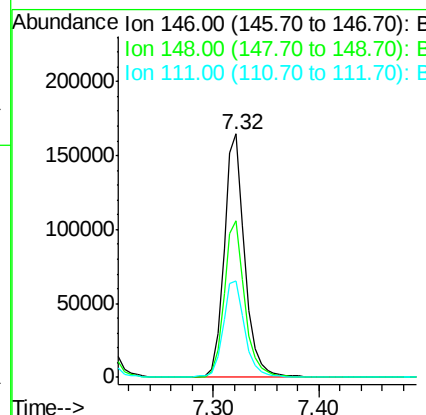
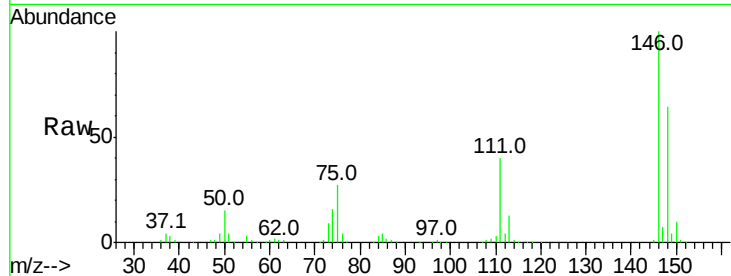


#13
1,4-Dichlorobenzene
Concen: 41.11 ng
RT: 7.32 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

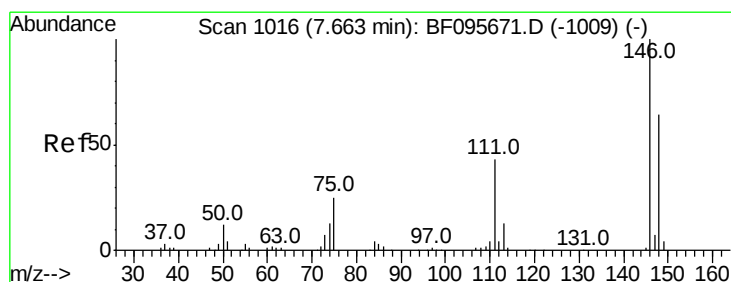
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	39.7	30.3	45.5

Manual Integrations
APPROVED



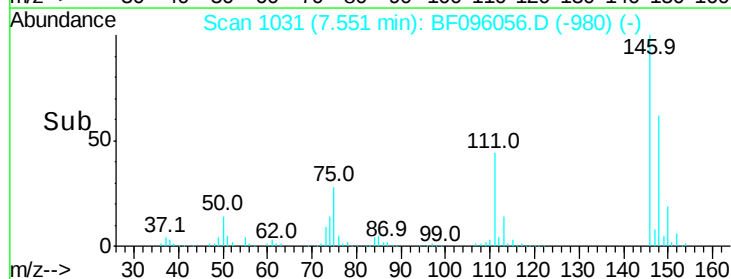
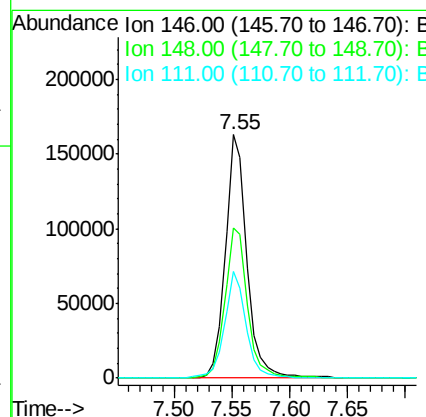
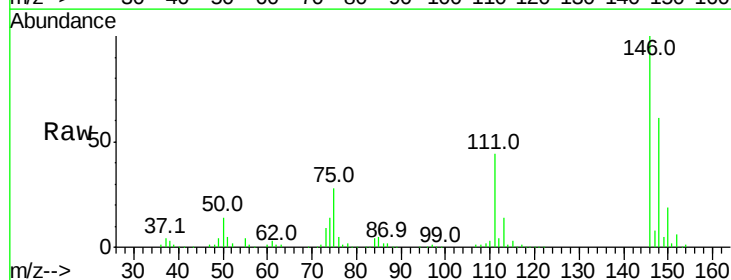
mohammad

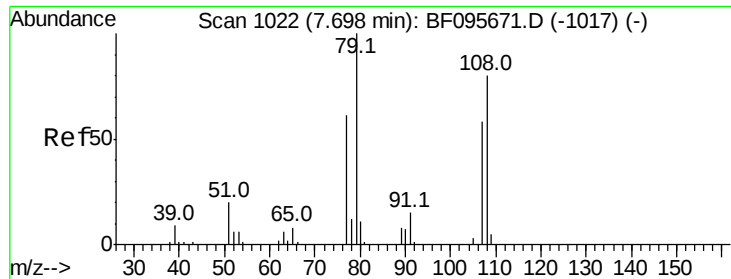
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#14
1,2-Dichlorobenzene
Concen: 42.13 ng
RT: 7.55 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.4	75.6
111	43.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.42 ng

RT: 7.61 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

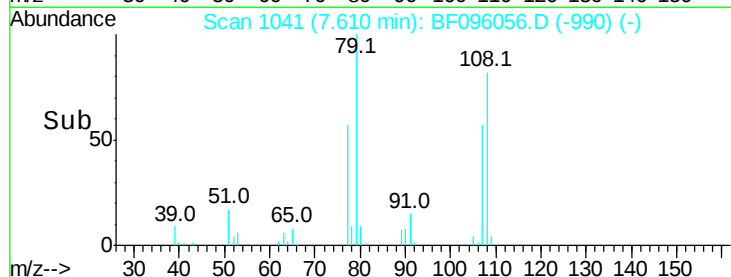
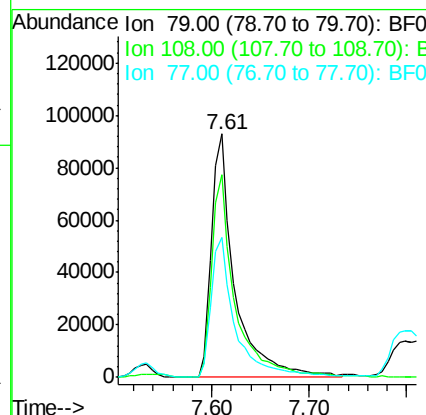
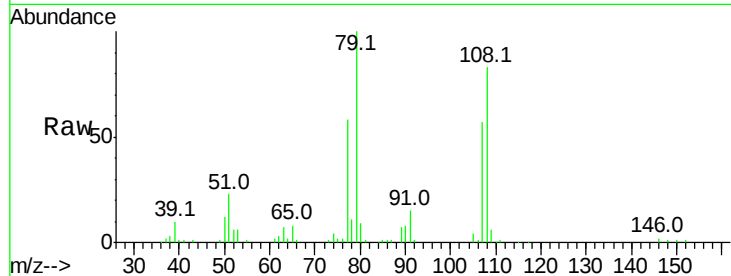
BNA_F

ClientSampleId :

SU-02-061617MS

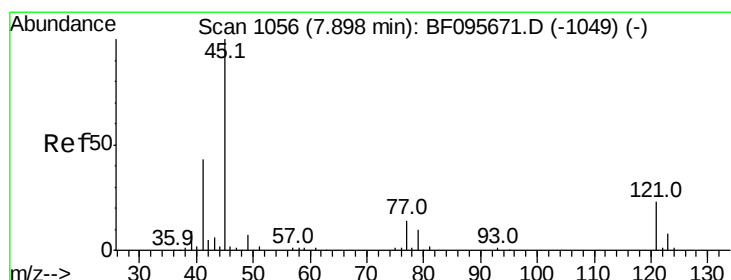
Tot Ion:	79	Resp:	154654
Ion	Ratio	Lower	Upper
79	100		
108	83.1	63.4	95.0
77	57.7	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.59 ng

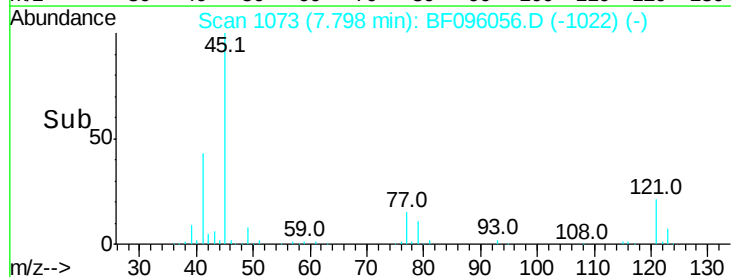
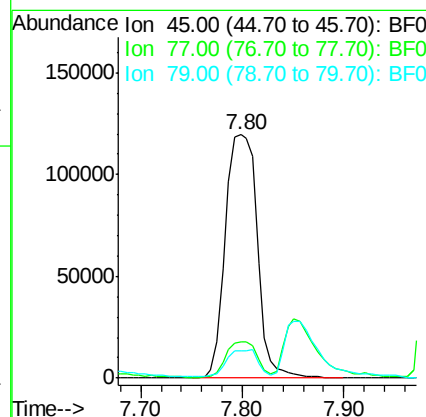
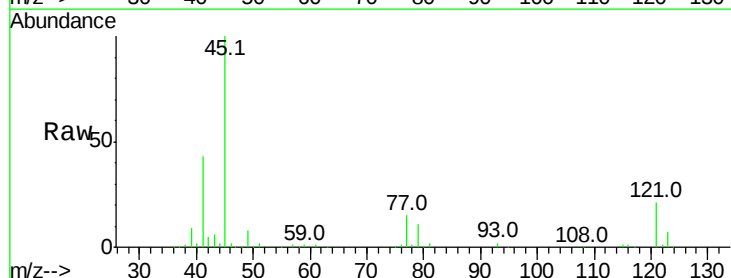
RT: 7.80 min Scan# 1073

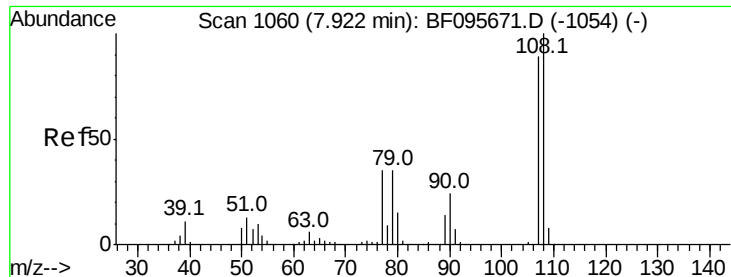
Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Tgt Ion:	45	Resp:	261200
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.2
79	11.4	0.0	30.0



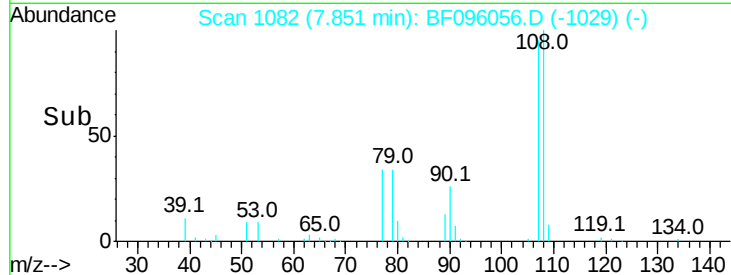
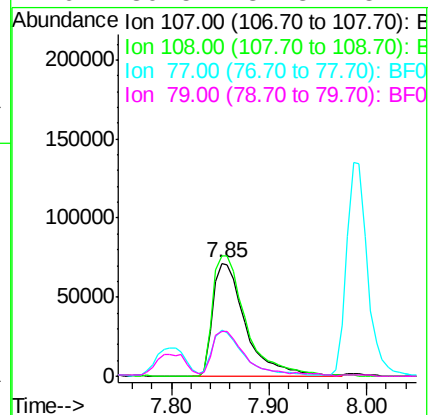
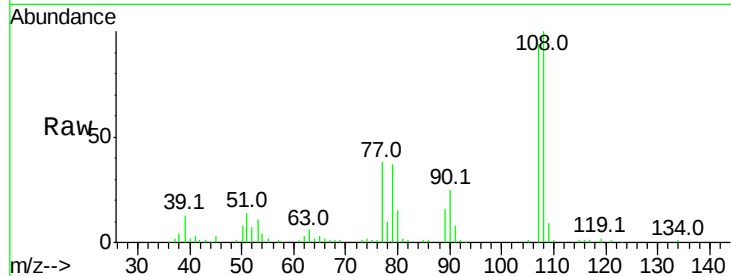


#17
2-Methylphenol
Concen: 42.31 ng
RT: 7.85 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

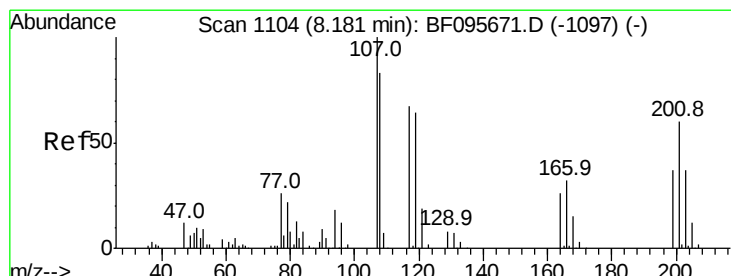
Tot Ion	107	Resp	167531
Ion Ratio	Lower	Upper	
107	100		
108	106.8	93.4	140.0
77	40.6	35.8	53.6
79	39.5	34.8	52.2

Manual Integrations
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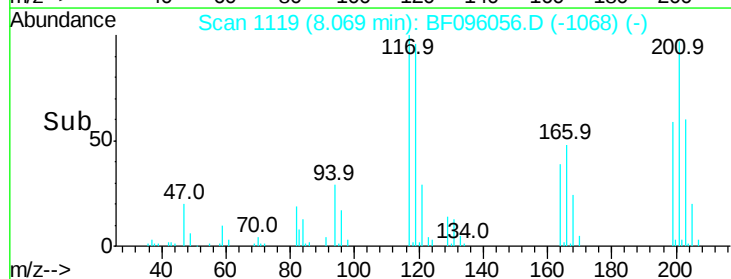
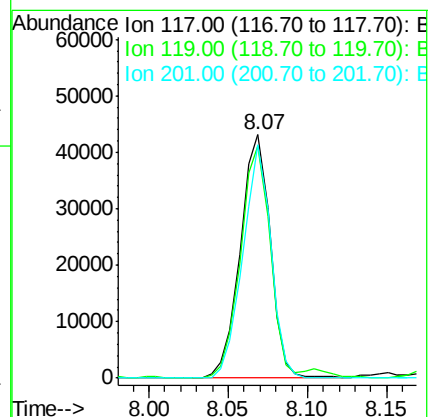
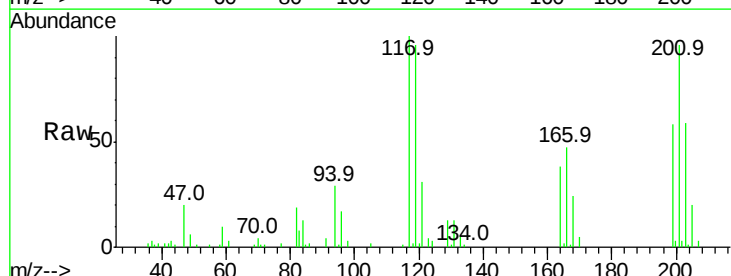
mohammad

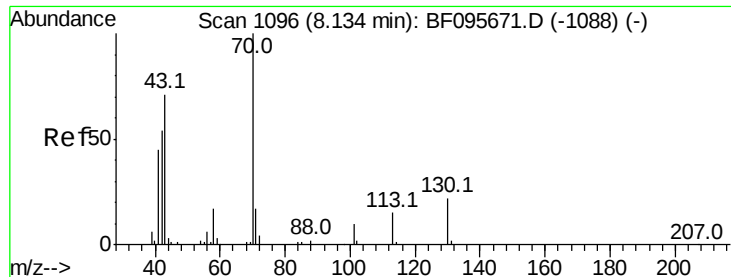
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#18
Hexachloroethane
Concen: 31.72 ng
RT: 8.07 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	117	Resp	56724
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.4	116.0
201	95.9	94.6	141.8



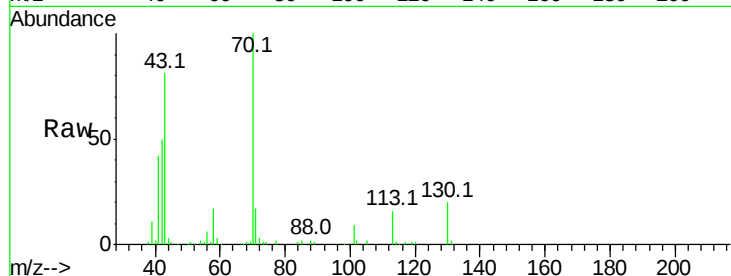


#19
n-Nitroso-di-n-propylamine
Concen: 42.20 ng
RT: 8.04 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.8	47.2	70.8	
101	9.4	7.2	10.8	
130	20.5	15.9	23.9	

Manual Integrations
APPROVED



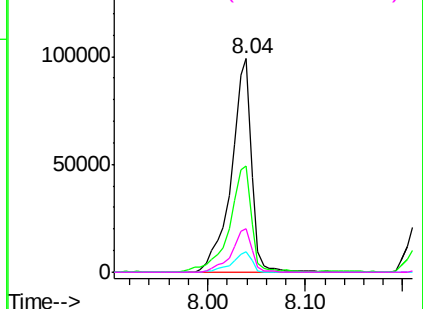
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

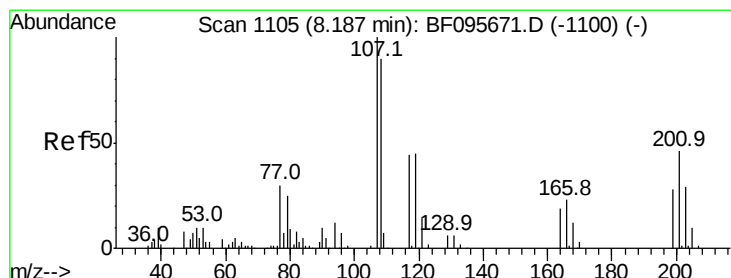
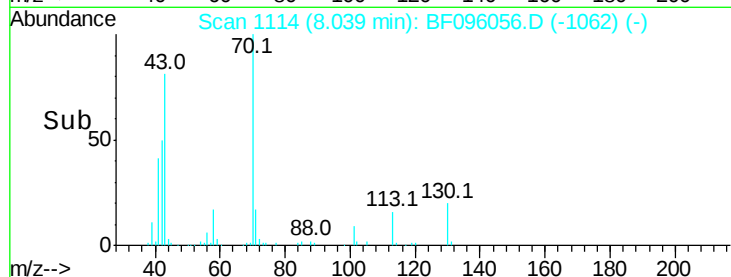
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



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#20
3+4-Methylphenols
Concen: 43.71 ng
RT: 8.13 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	71.0	111.0	
77	28.5	90.5	130.5#	
79	24.6	8.4	48.4	

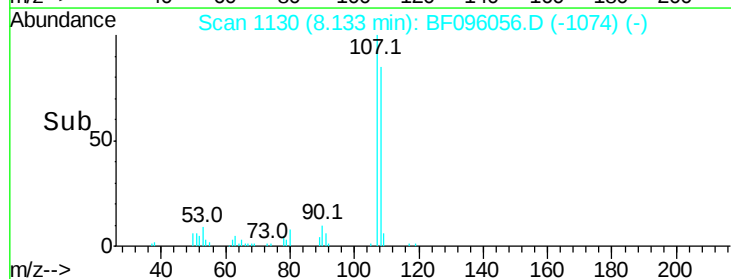
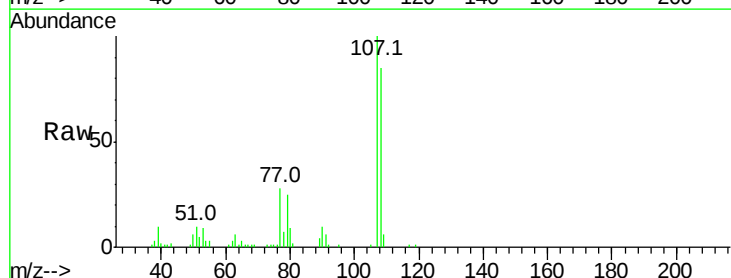
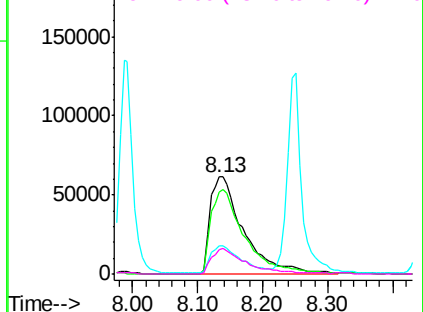
Abundance

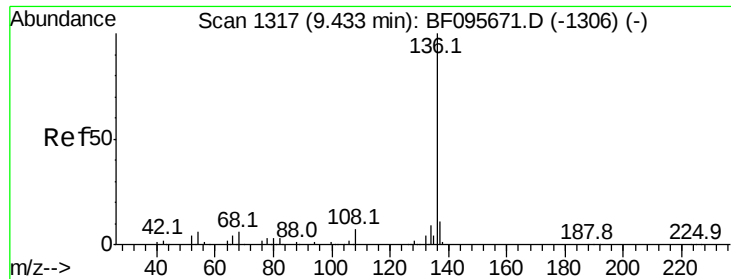
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



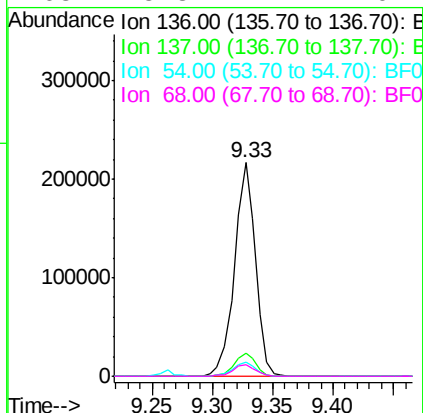
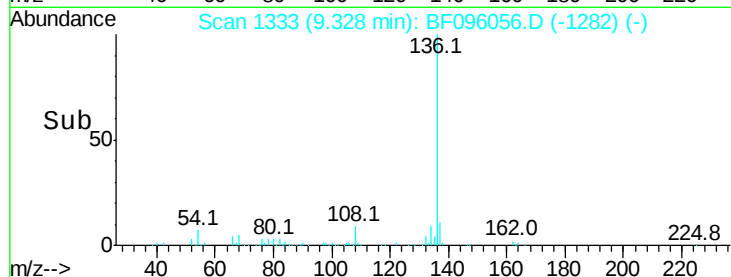
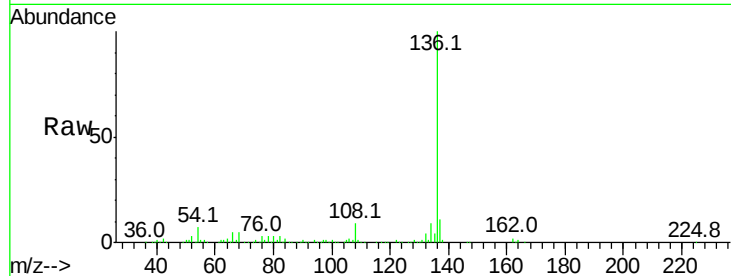


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

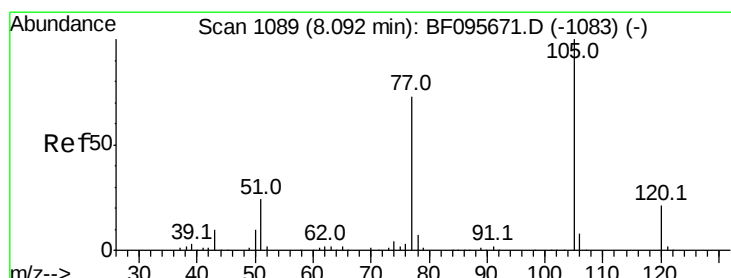
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	6.7	4.9	7.3	
68	5.3	4.1	6.1	

Manual Integrations
APPROVED



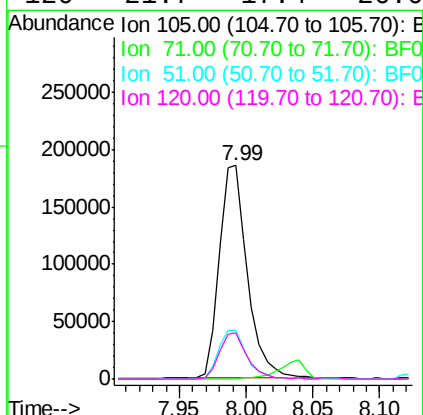
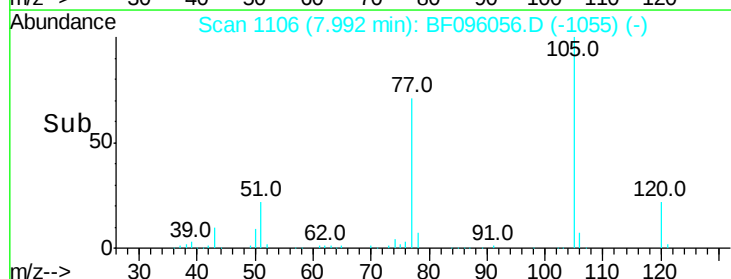
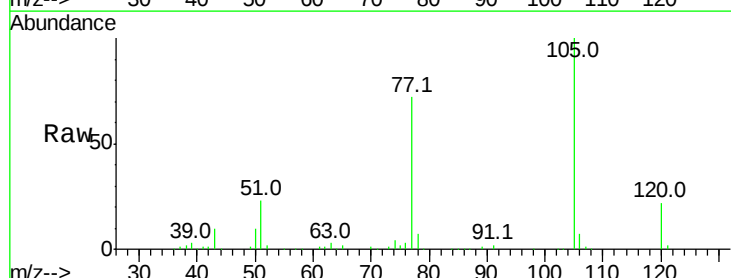
mohammad

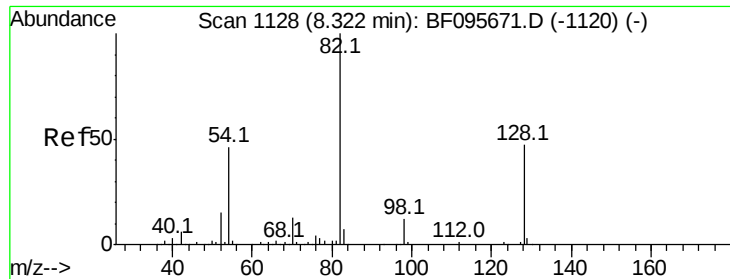
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#22
Acetophenone
Concen: 44.73 ng
RT: 7.99 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.2	2.8	4.2#	
51	22.7	30.7	46.1#	
120	21.7	17.4	26.0	



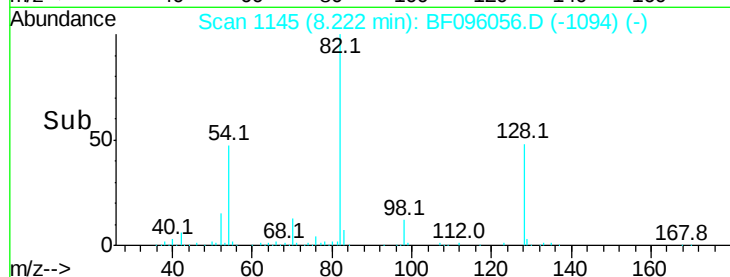
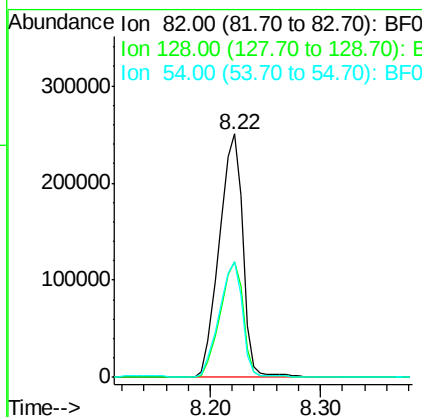
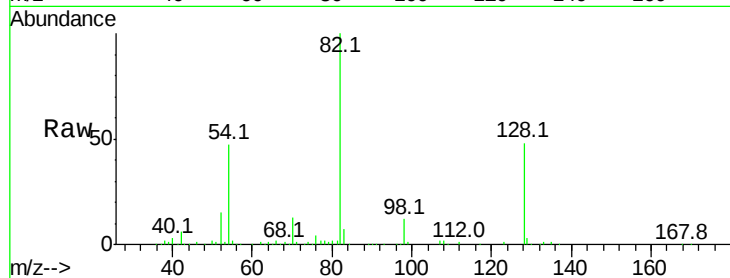


#23
Nitrobenzene-d5
Concen: 88.65 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

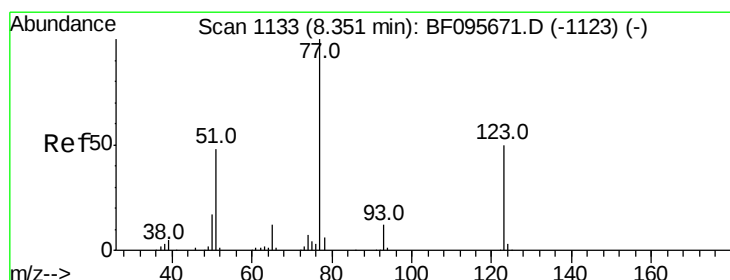
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	47.4	42.2	63.2

Manual Integrations
APPROVED



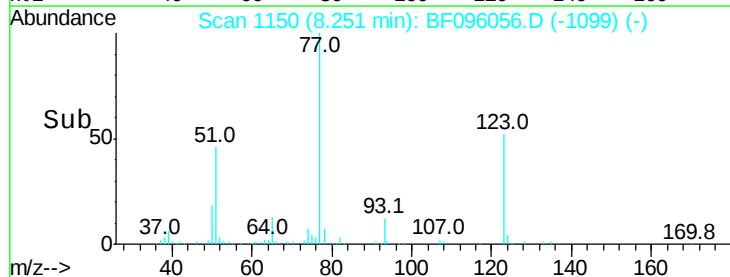
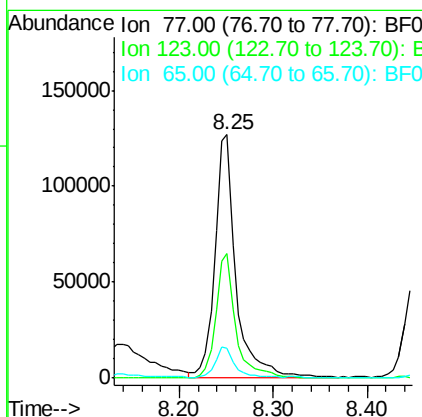
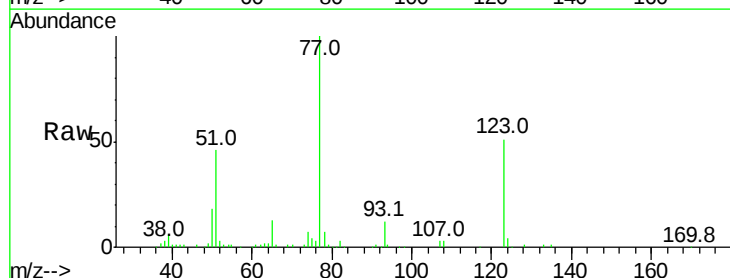
mohammad

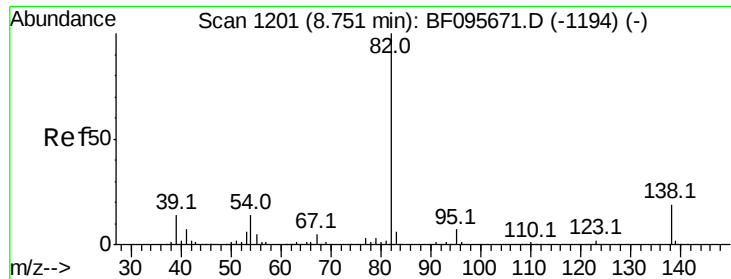
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#24
Nitrobenzene
Concen: 43.37 ng
RT: 8.25 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.8	53.8
65	12.5	10.6	15.8





#25

Isophorone

Concen: 42.64 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

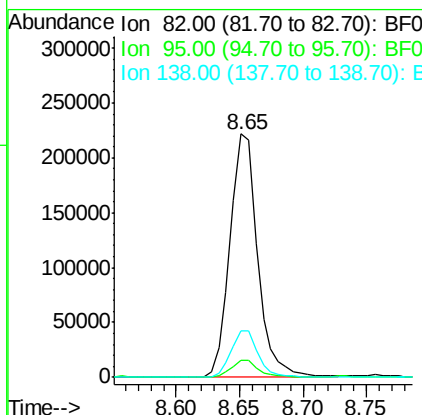
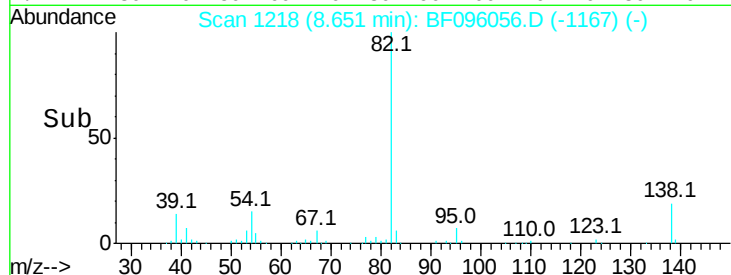
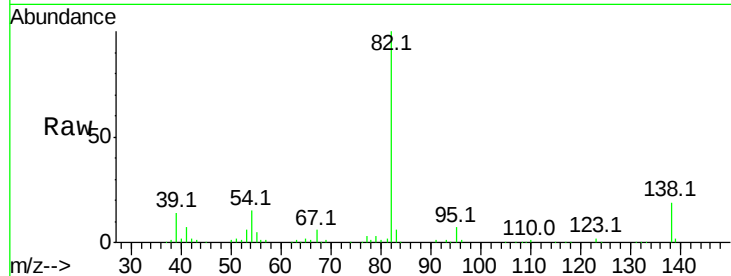
BNA_F

ClientSampleId :

SU-02-061617MS

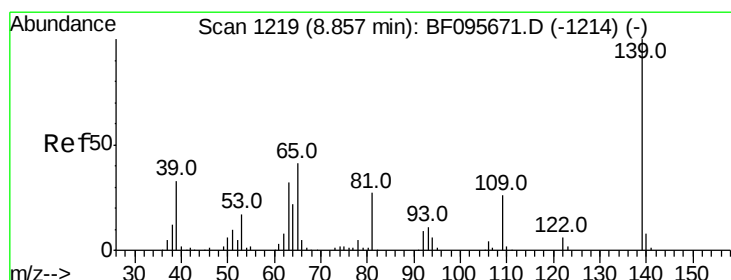
Tot Ion:	82	Resp:	336488
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.29 ng

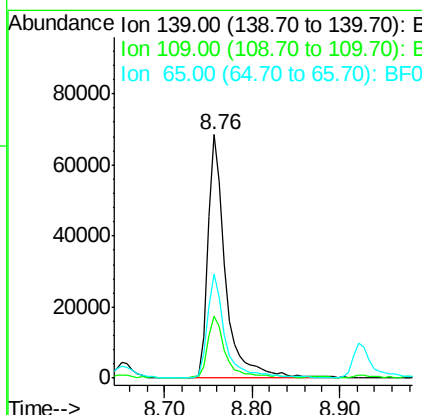
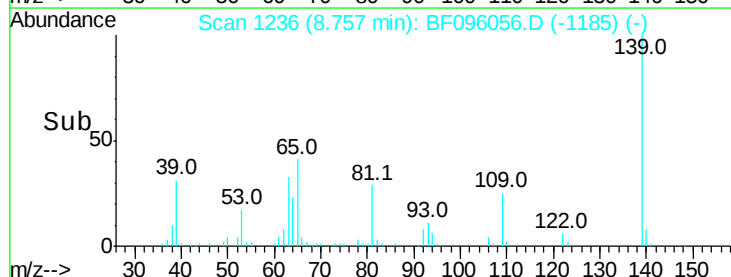
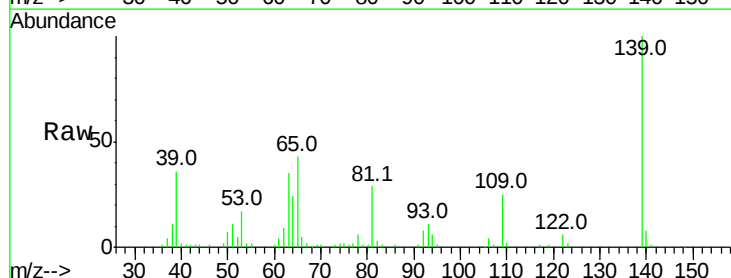
RT: 8.76 min Scan# 1236

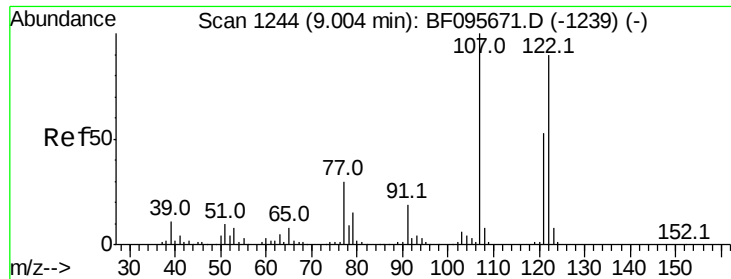
Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Tgt Ion:	139	Resp:	95253
Ion Ratio	Lower	Upper	
139	100		
109	25.4	21.0	31.6
65	42.7	33.0	49.6



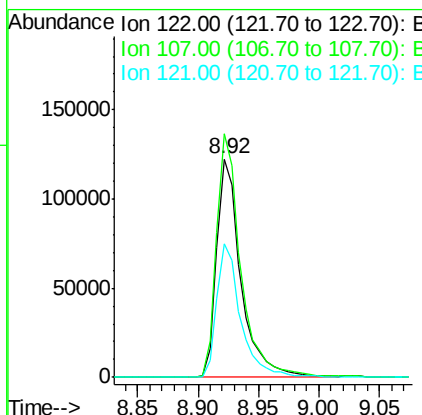
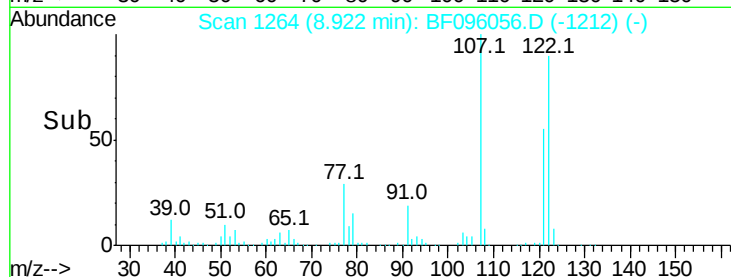
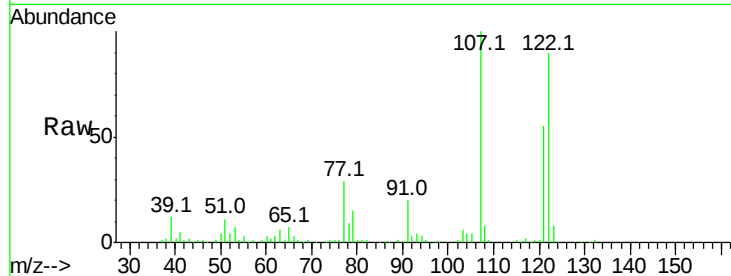


#27
2,4-Dimethylphenol
Concen: 46.35 ng
RT: 8.92 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

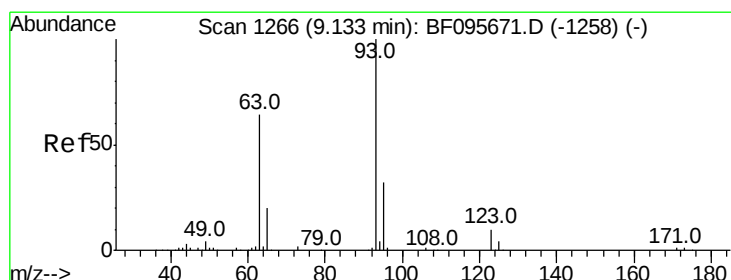
Tot Ion	Ratio	Resp	Lower	Upper
122	100	170060		
107	111.3	89.2	133.8	
121	60.9	45.2	67.8	

Manual Integrations
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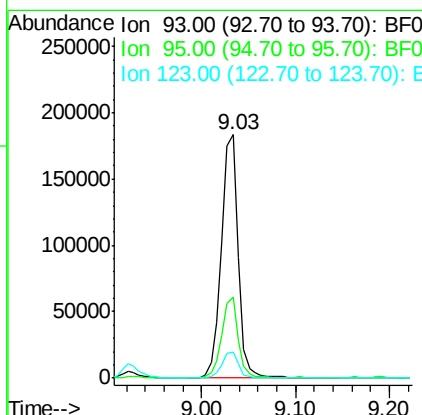
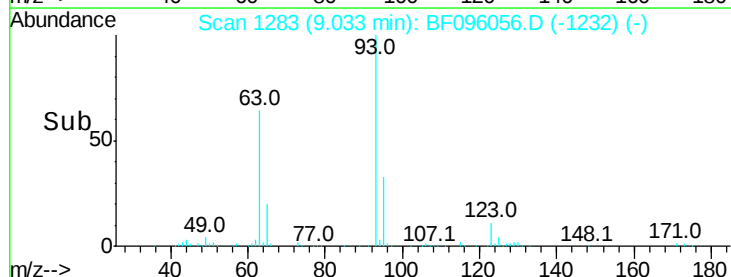
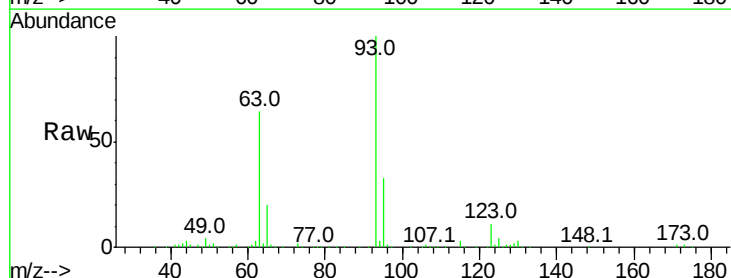
mohammad

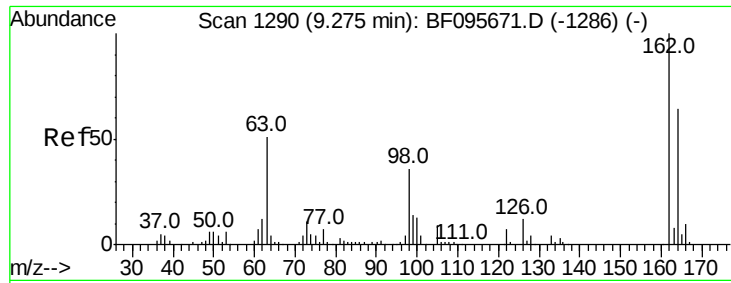
6/21/2017 2:16:51 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.23 ng
RT: 9.03 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	230085		
95	33.4	26.5	39.7	
123	10.8	9.0	13.4	



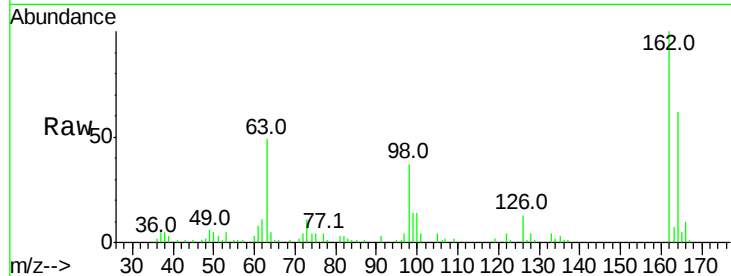


#29
 2,4-Dichlorophenol
 Concen: 43.48 ng
 RT: 9.22 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

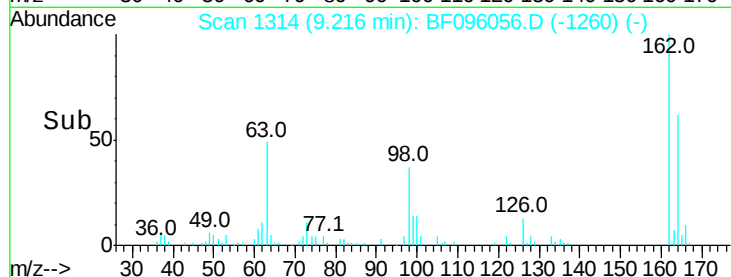
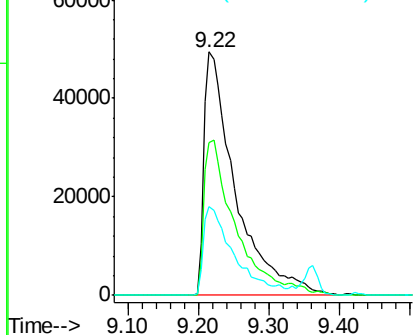
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	153631		
164	62.5	44.6	84.6	
98	36.5	14.8	54.8	

Manual Integrations
 APPROVED

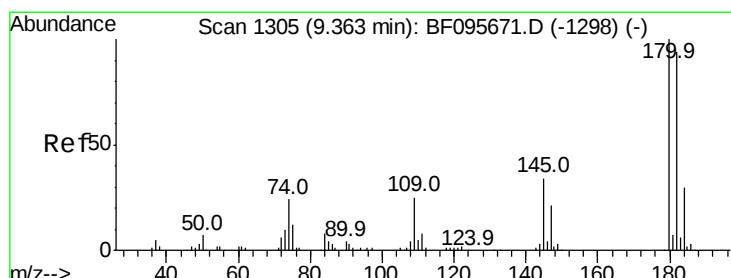


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



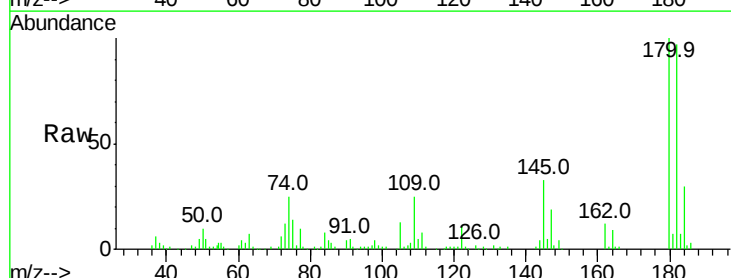
mohammad

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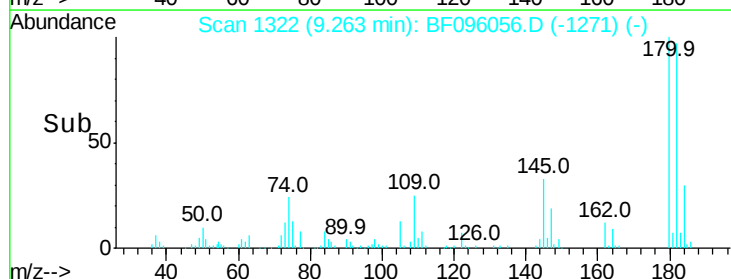
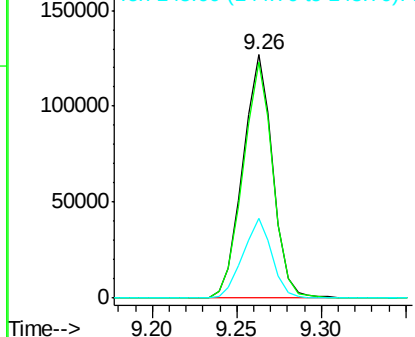


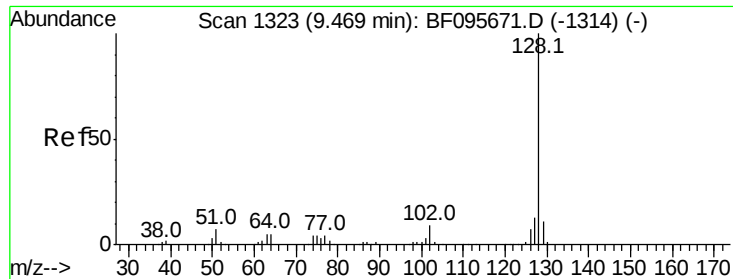
#30
 1,2,4-Trichlorobenzene
 Concen: 42.60 ng
 RT: 9.26 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156611		
182	97.1	75.8	113.6	
145	32.6	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



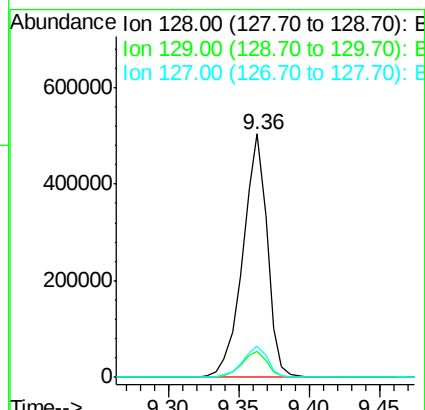
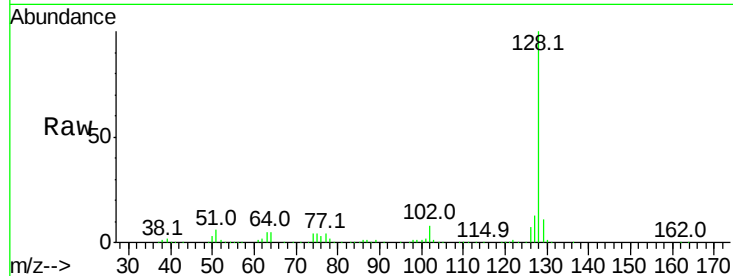


#31
Naphthalene
Concen: 45.97 ng
RT: 9.36 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

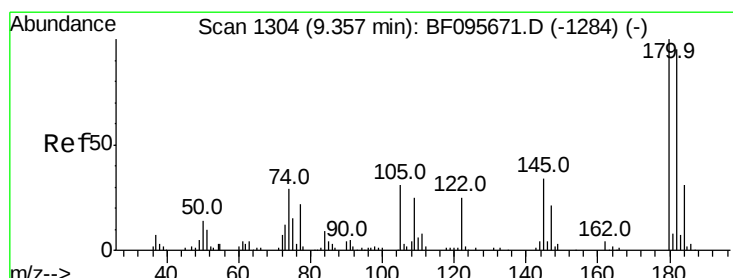
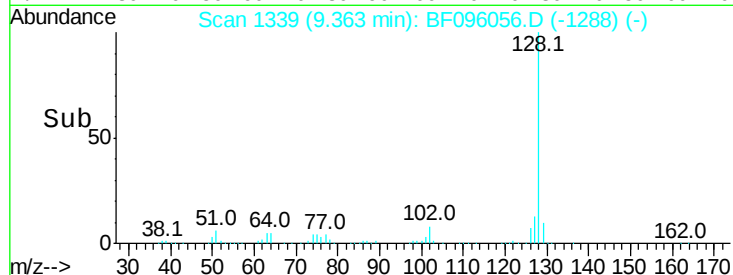
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	13.0	10.8	16.2

Manual Integrations
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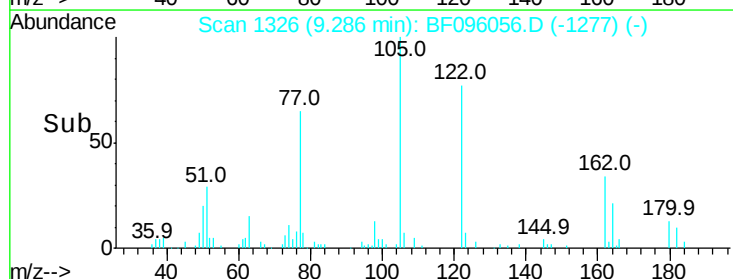
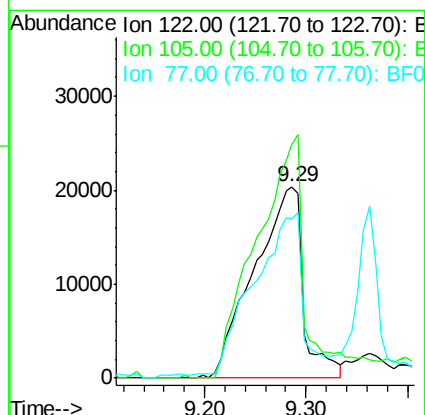
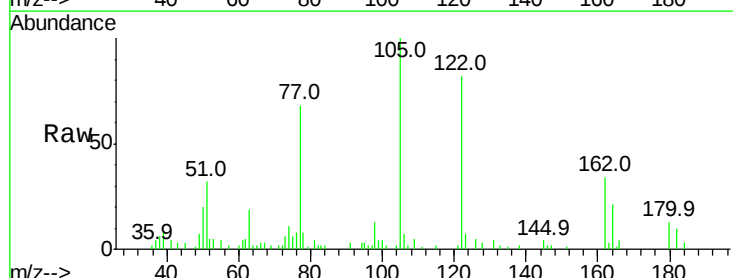
mohammad

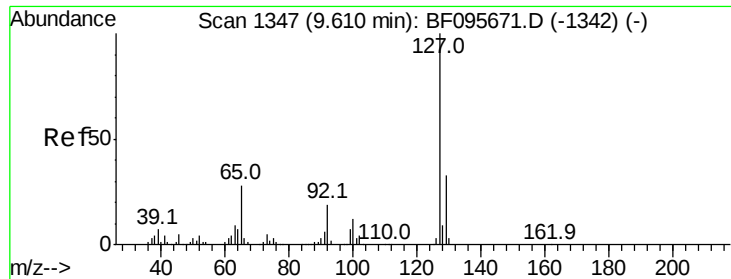
6/21/2017 2:16:51 PM



#32
Benzoic acid
Concen: 31.75 ng
RT: 9.29 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	103.3	143.3
77	83.0	73.7	113.7



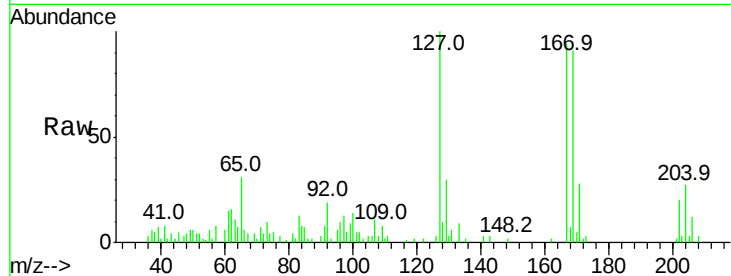


#33
4-Chloroaniline
Concen: 14.66 ng
RT: 9.54 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

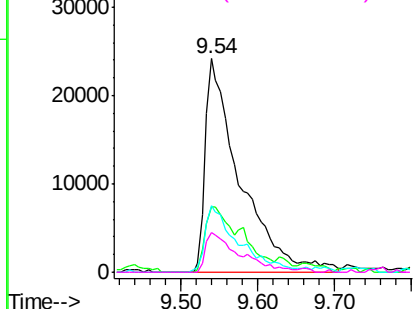
Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	31.0	27.8	41.8
92	18.7	16.8	25.2

Manual Integrations
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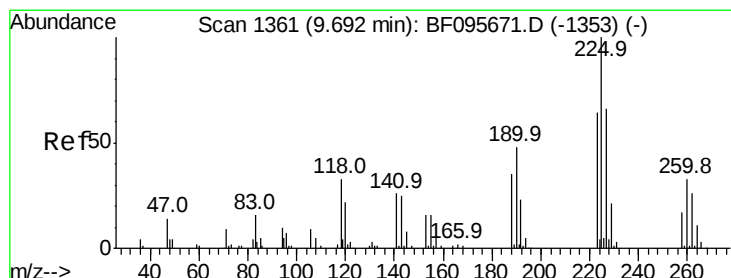
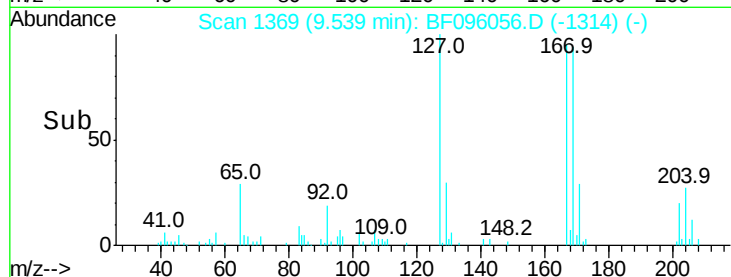


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



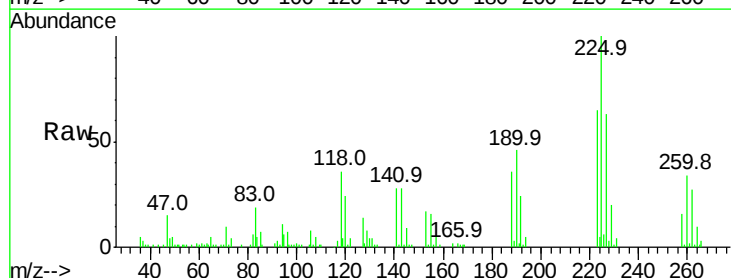
mohammad

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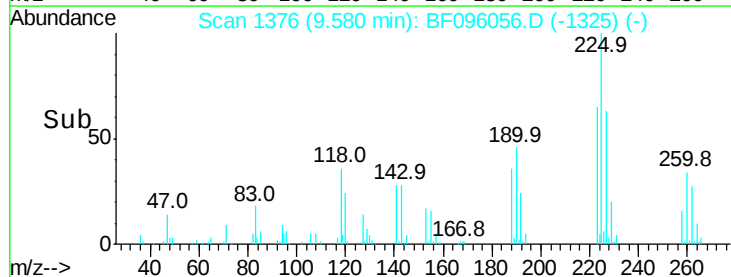
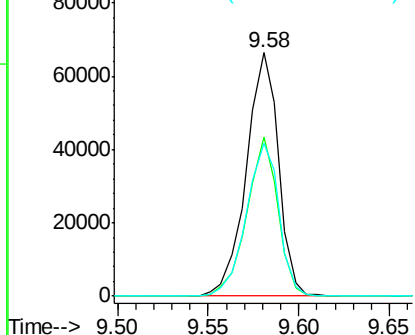


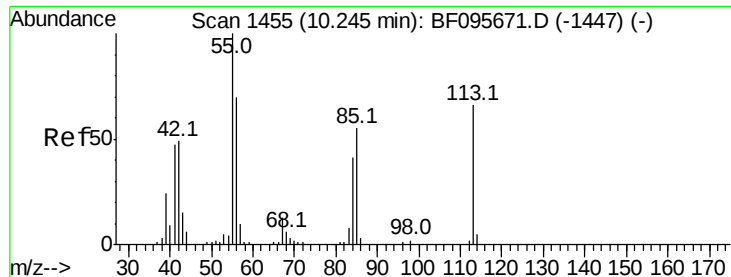
#34
Hexachlorobutadiene
Concen: 43.06 ng
RT: 9.58 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	48.8	73.2
227	62.5	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: 44.53 ng

RT: 10.15 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion:113 Resp: 46818

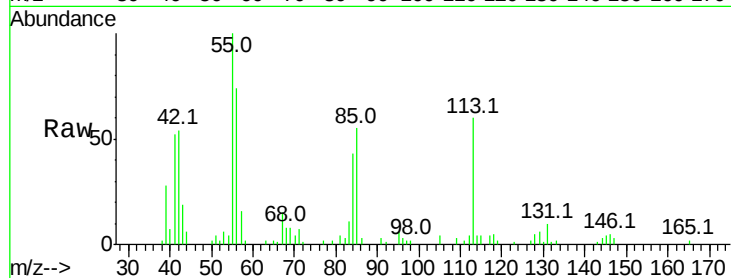
Ion Ratio Lower Upper

113 100

55 166.1 150.2 190.2

56 122.6 107.8 147.8

Manual Integrations
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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

30000

25000

20000

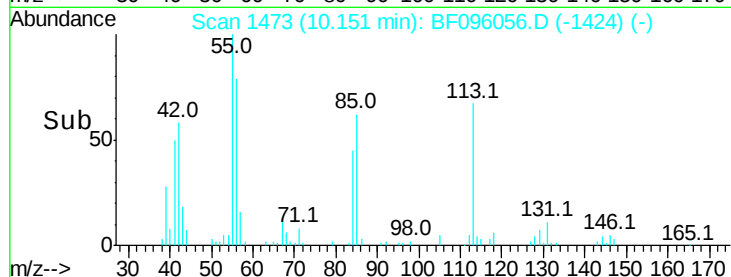
15000

10000

5000

0

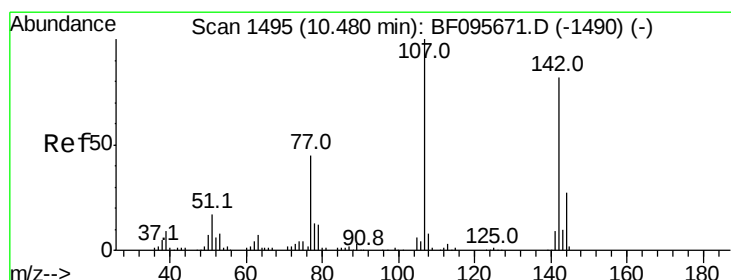
Time--> 10.00 10.10 10.20 10.30



Time--> 10.00 10.10 10.20 10.30

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#36

4-Chloro-3-methylphenol

Concen: 41.49 ng

RT: 10.42 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

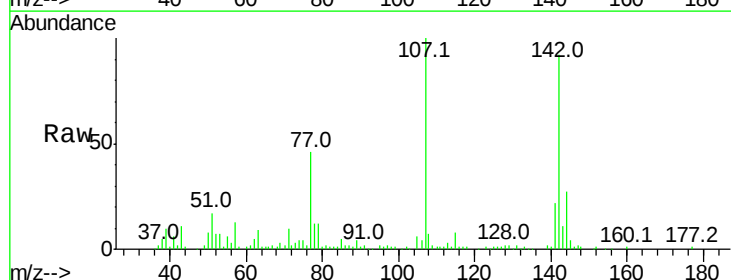
Tgt Ion:107 Resp: 153466

Ion Ratio Lower Upper

107 100

144 27.3 24.2 36.4

142 91.5 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

400000

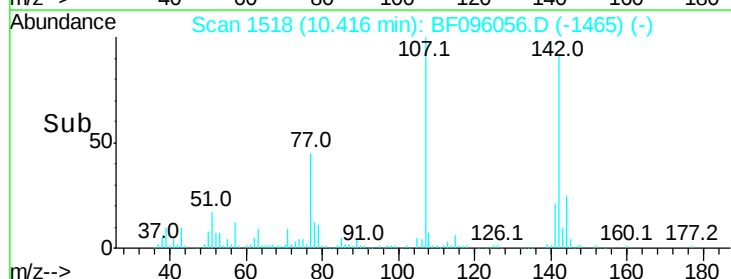
300000

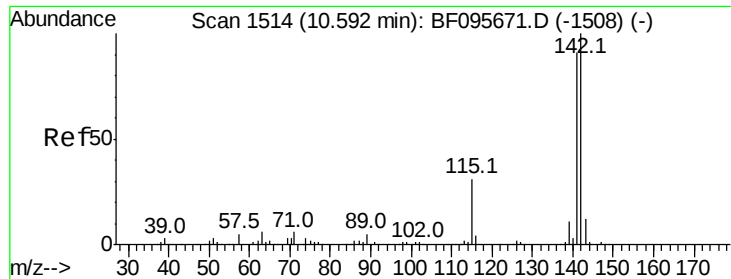
200000

100000

0

Time--> 10.40 10.50



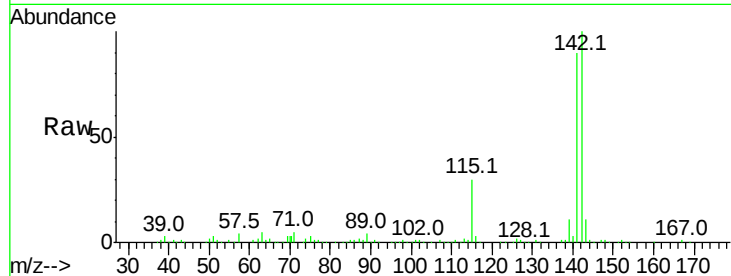


#37
2-Methylnaphthalene
Concen: 44.61 ng
RT: 10.49 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

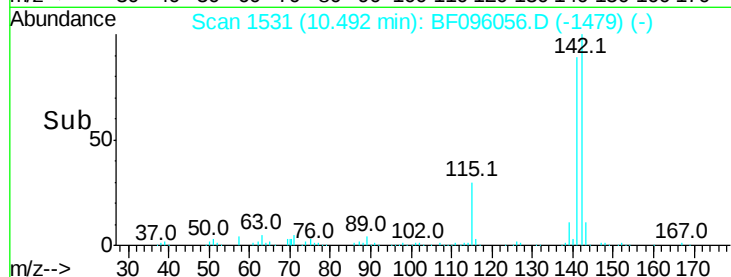
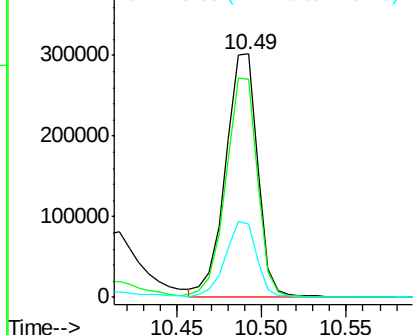
Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	30.2	27.1	40.7

Manual Integrations
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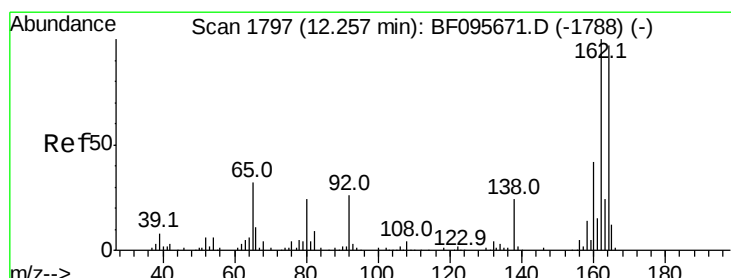


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



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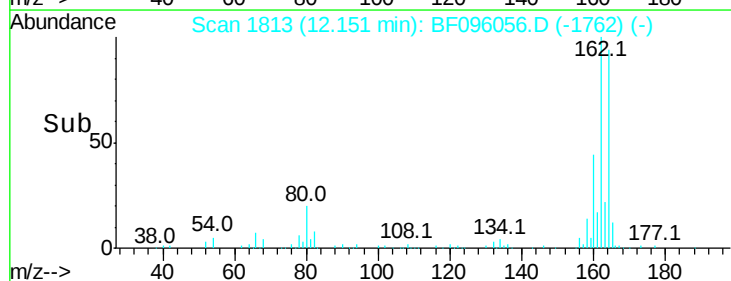
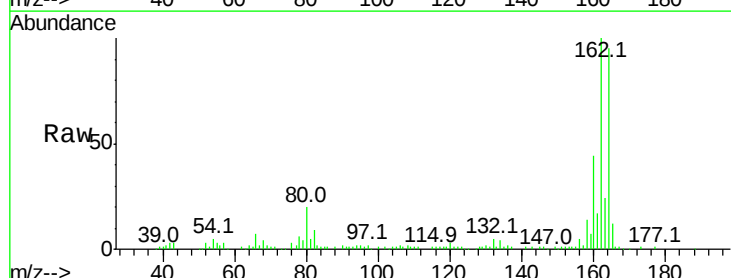
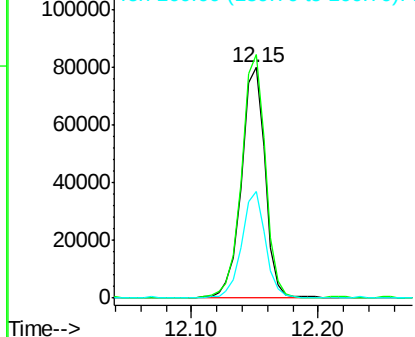
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	46.5	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.96 ng

RT: 10.77 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

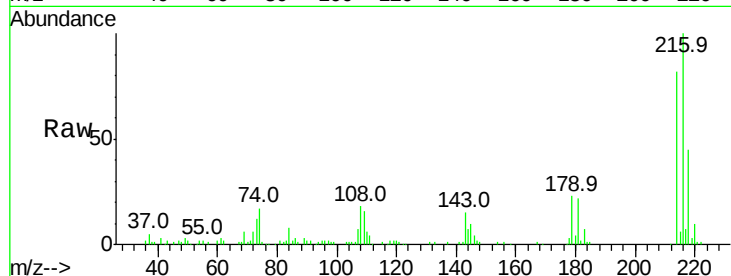
BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	136082		
214	80.0		63.4	95.2
179	22.8		17.9	26.9
108	18.4		16.5	24.7

Manual Integrations
APPROVED

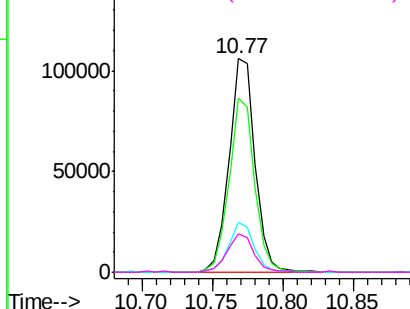


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

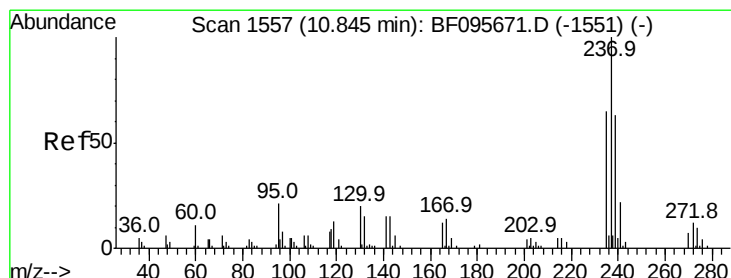
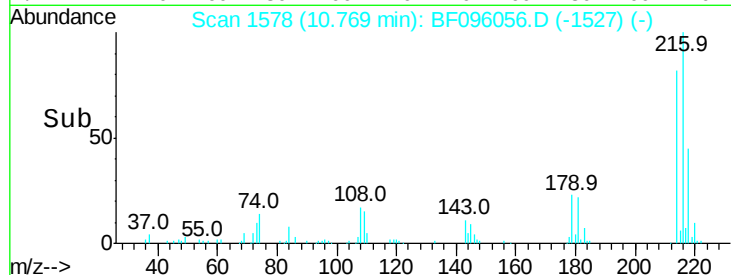
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



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#40

Hexachlorocyclopentadiene

Concen: 12.59 ng m

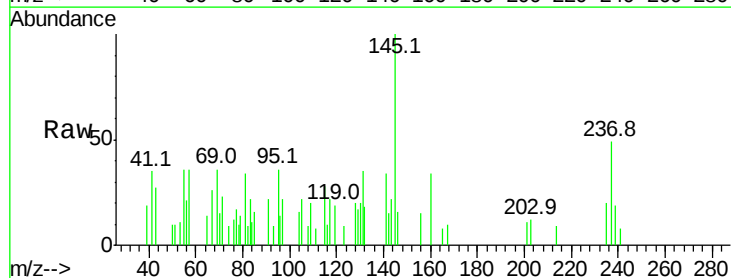
RT: 10.74 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

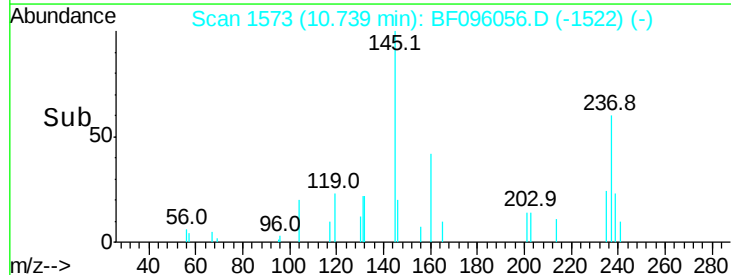
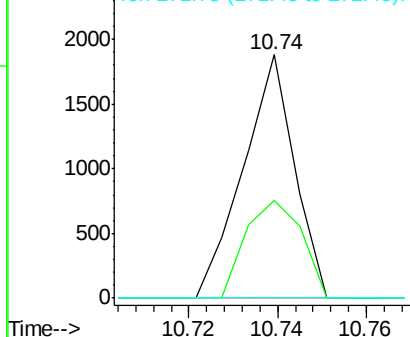
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1518		
235	40.1		42.6	82.6#
272	0.0		0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



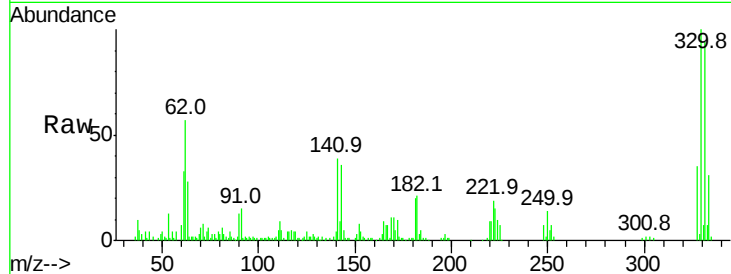


#41
 2,4,6-Tribromophenol
 Concen: 108.22 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

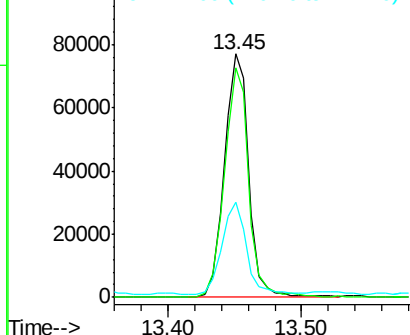
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	115.0
141	38.2	31.4	47.2

Manual Integrations
 APPROVED

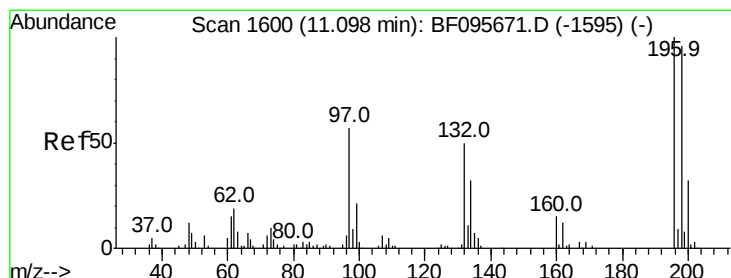
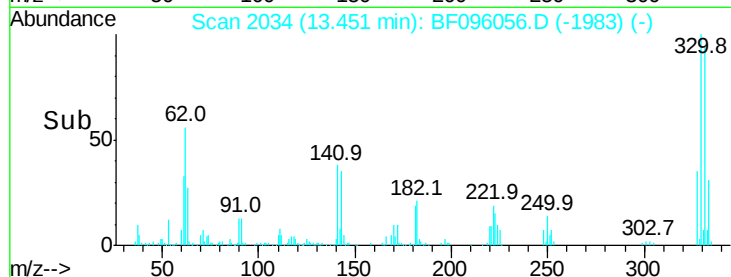


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



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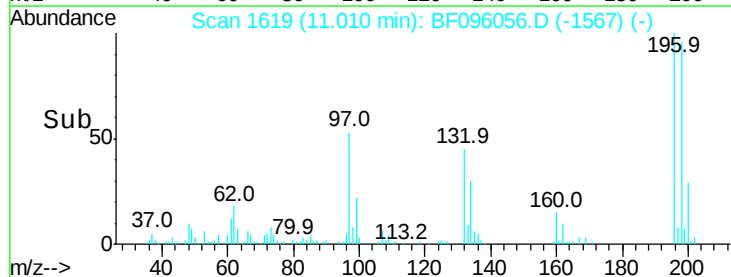
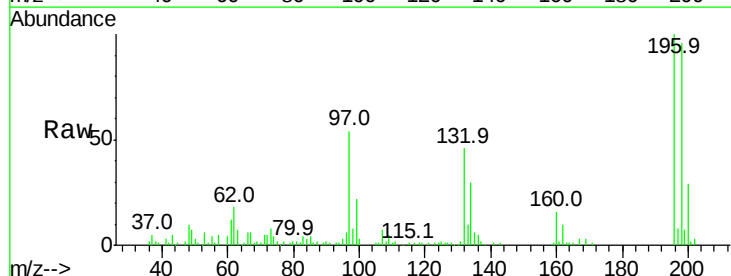
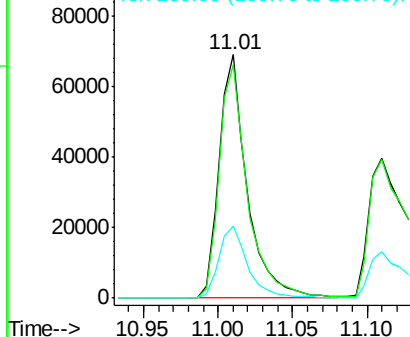
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#42
 2,4,6-Trichlorophenol
 Concen: 45.92 ng
 RT: 11.01 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
200	29.3	24.0	36.0

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



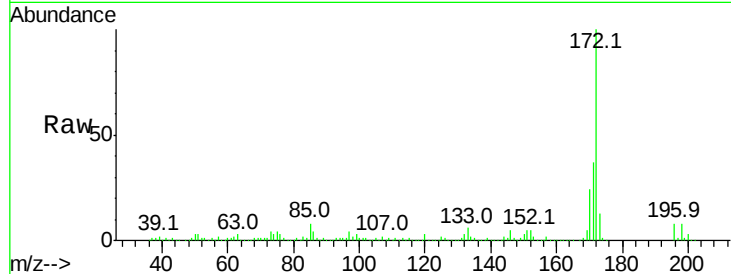


#43
 2,4,5-Trichlorophenol
 Concen: 41.04 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	196	Resp	86872
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.7	113.5
97	49.9	47.7	71.5
132	37.4	28.0	42.0

Manual Integrations
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Abundance

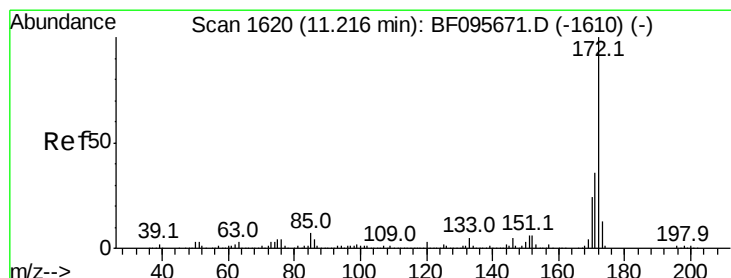
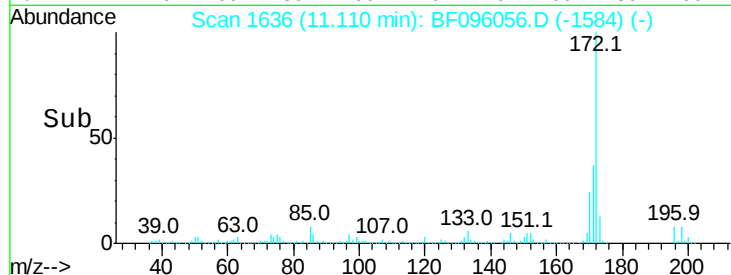
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

Time-->



#44
 2-Fluorobiphenyl
 Concen: 89.95 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	172	Resp	668552
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	23.8	19.8	29.8

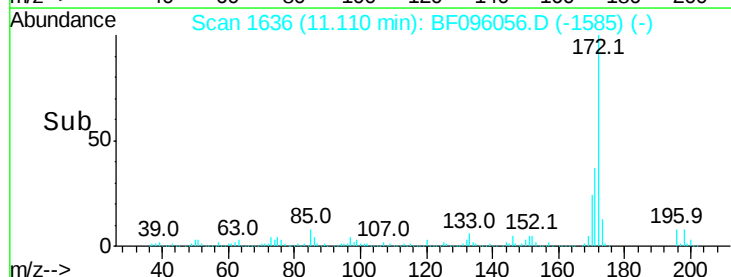
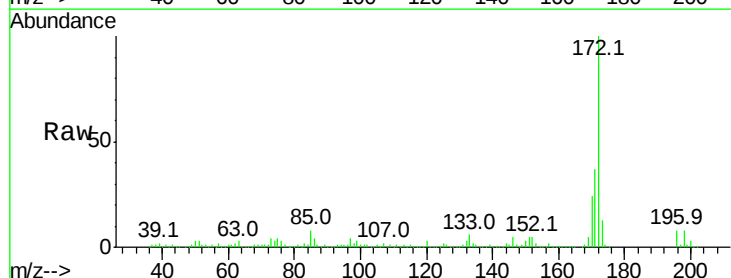
Abundance

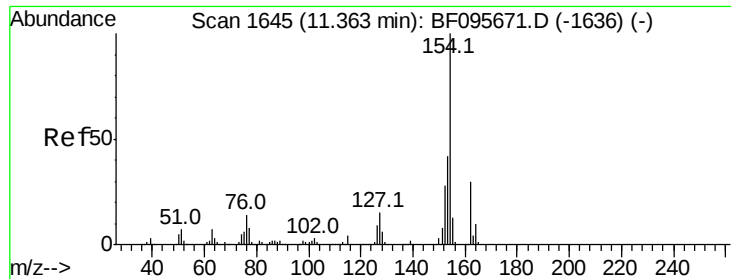
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



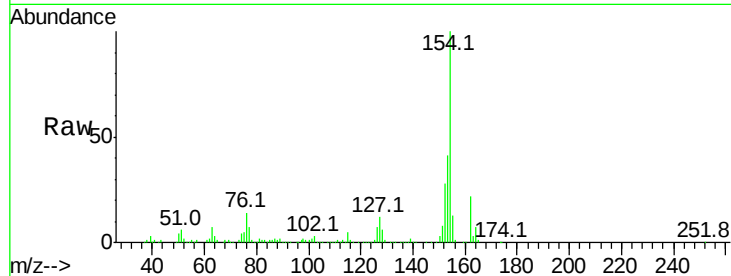


#45
1,1'-Biphenyl
Concen: 46.57 ng
RT: 11.26 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

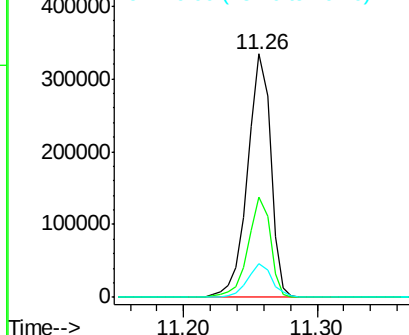
Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	154	Resp	396955
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	13.7	0.0	29.9

Manual Integrations
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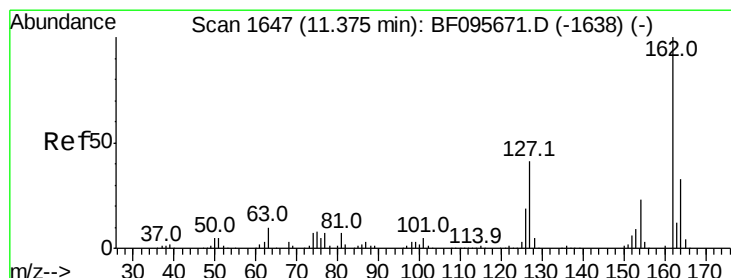
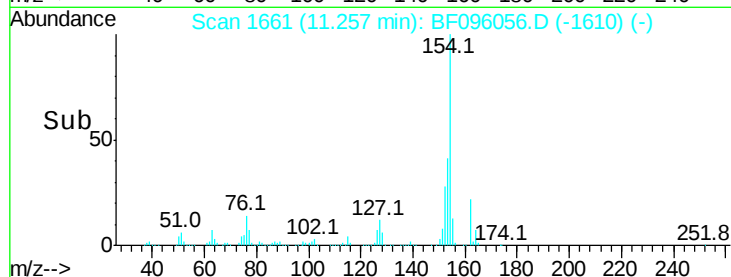


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



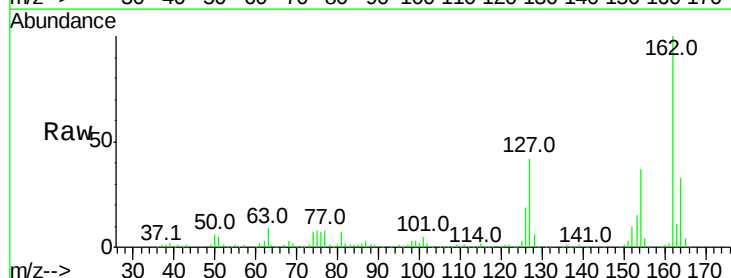
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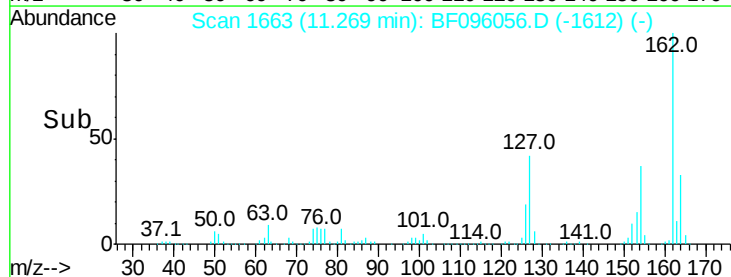
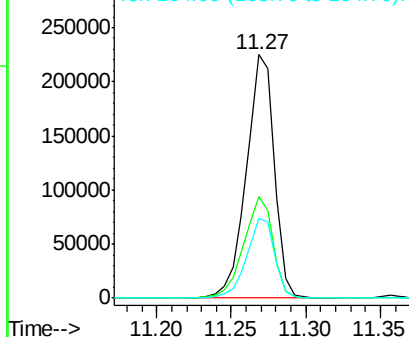


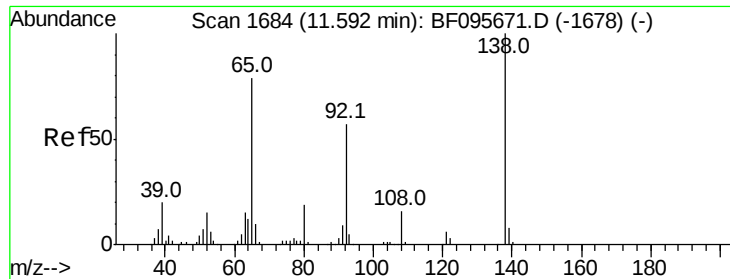
#46
2-Chloronaphthalene
Concen: 43.57 ng
RT: 11.27 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	162	Resp	290154
Ion Ratio	Lower	Upper	
162	100		
127	41.8	28.3	42.5
164	32.8	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



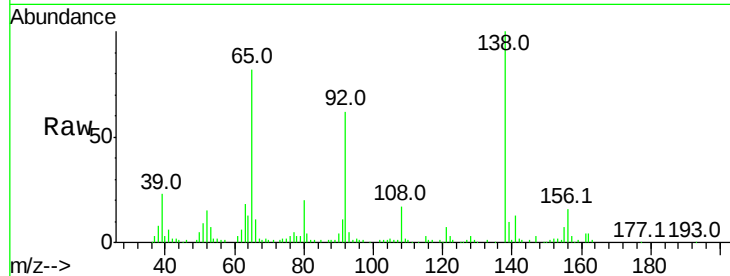


#47
2-Nitroaniline
Concen: 44.95 ng
RT: 11.50 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

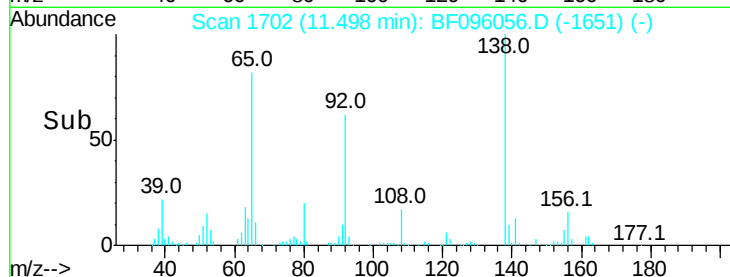
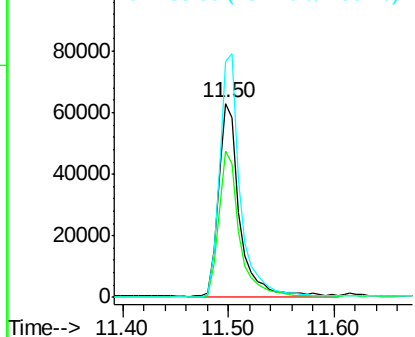
Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion: 65 Resp: 87611
Ion Ratio Lower Upper
65 100
92 75.5 53.9 80.9
138 121.6 78.8 118.2#

Manual Integrations
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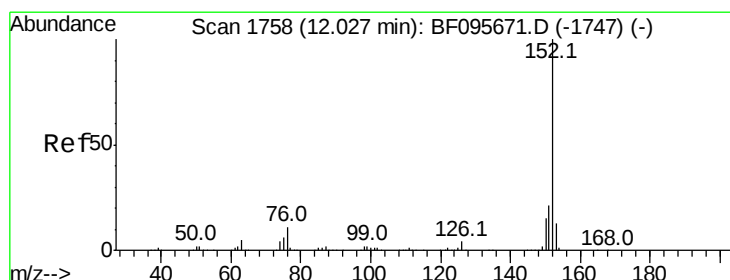


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



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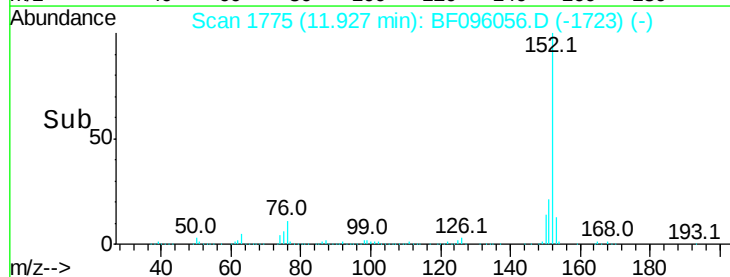
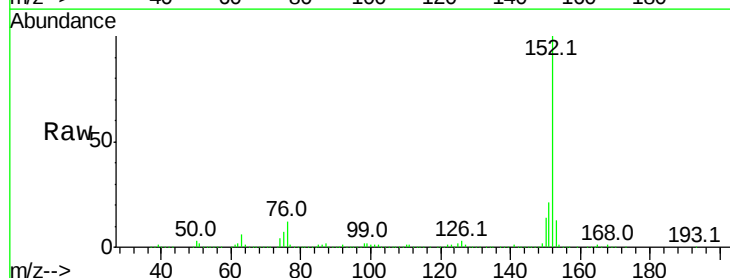
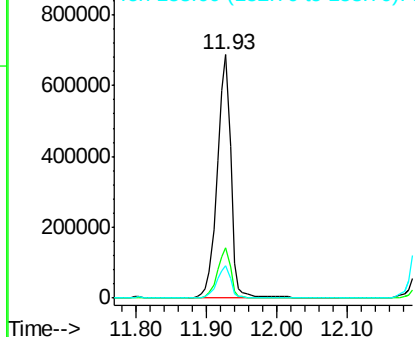
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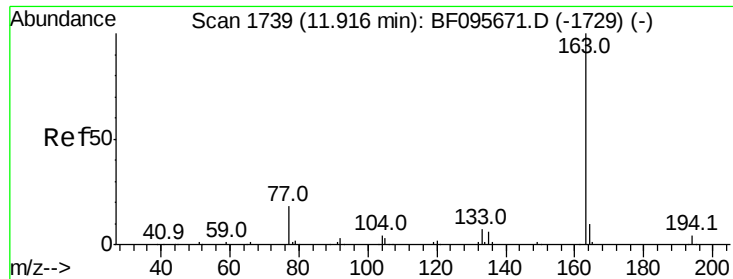


#48
Acenaphthylene
Concen: 80.33 ng
RT: 11.93 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion:152 Resp: 914917
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.3 10.8 16.2

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 56.01 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

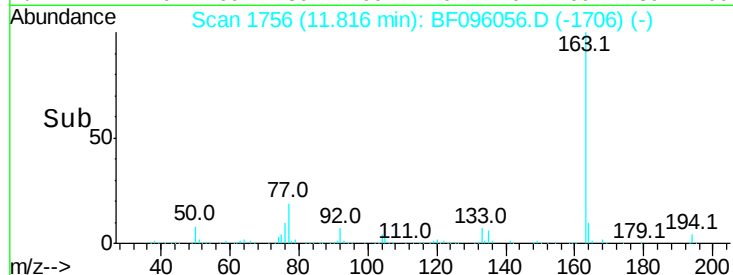
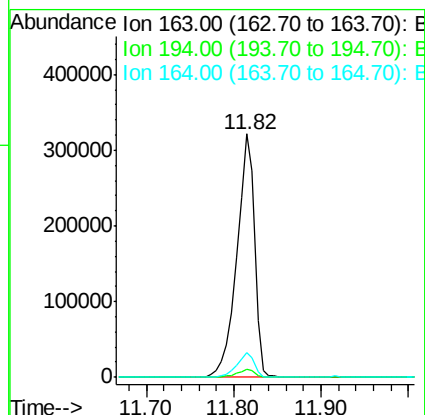
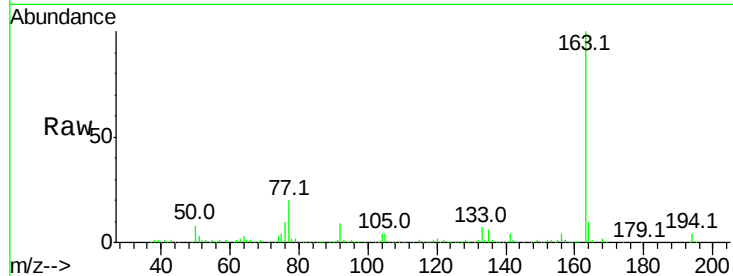
BNA_F

ClientSampleId :

SU-02-061617MS

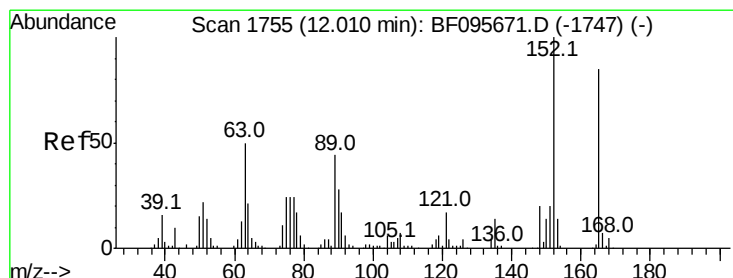
Tot Ion:	163	Resp:	439848
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 35.32 ng

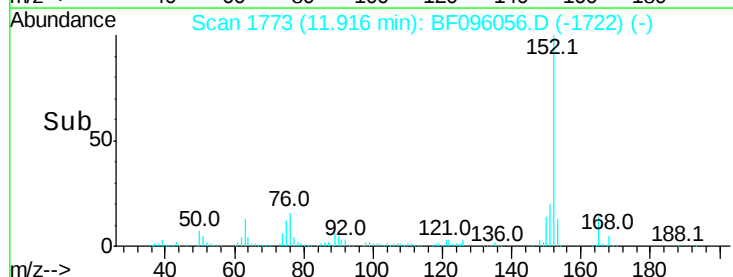
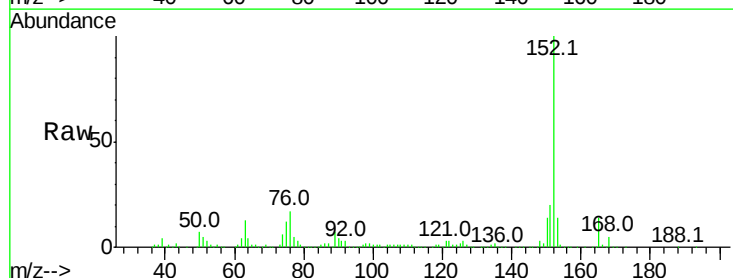
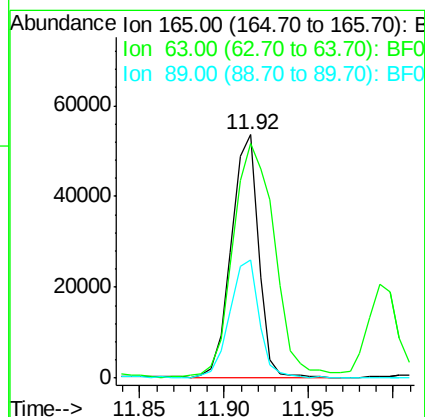
RT: 11.92 min Scan# 1773

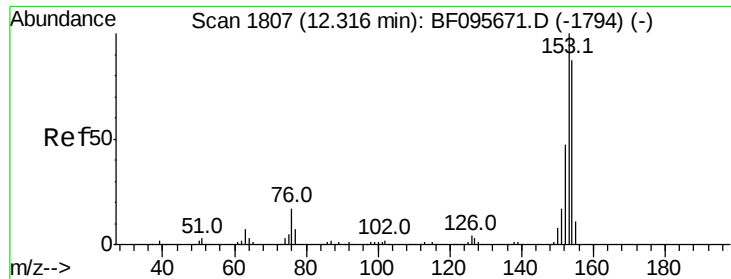
Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Tgt Ion:	165	Resp:	60499
Ion Ratio	Lower	Upper	
165	100		
63	96.6	34.3	51.5#
89	48.3	37.1	55.7





#51

Acenaphthene

Concen: 53.07 ng

RT: 12.20 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion:154 Resp: 349099

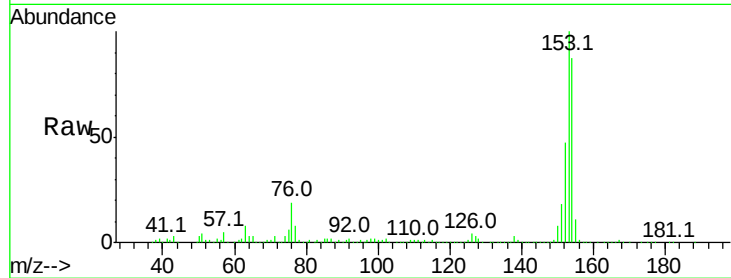
Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

152 53.7 43.6 65.4

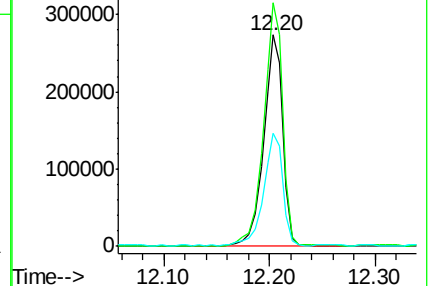
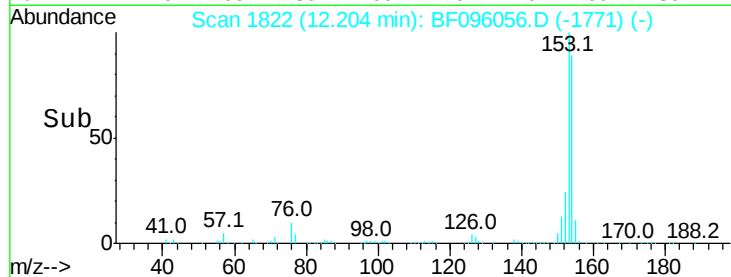
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Abundance Ion 154.00 (153.70 to 154.70): E

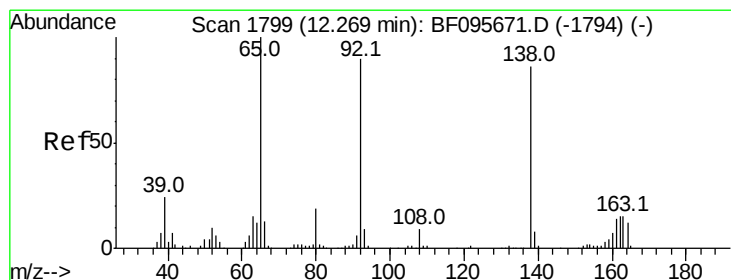
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 30.35 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

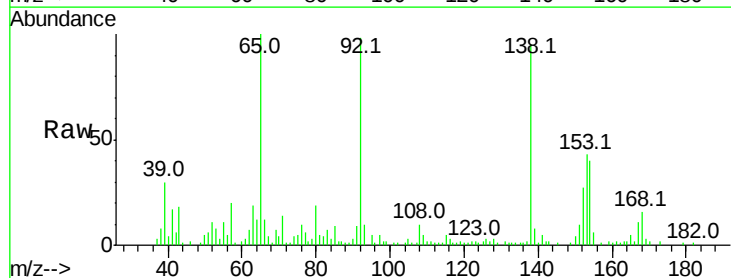
Tgt Ion:138 Resp: 60562

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

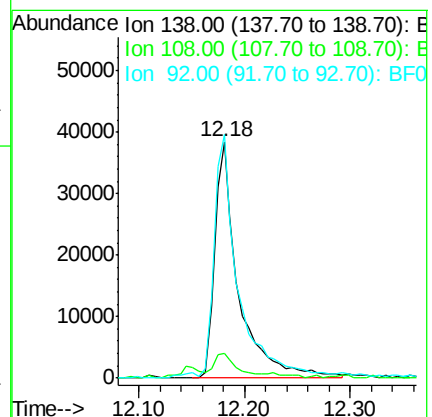
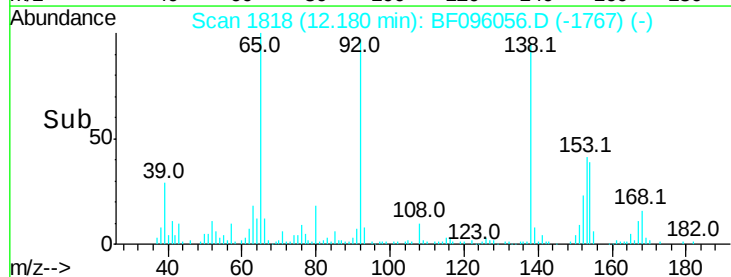
92 103.0 93.8 140.6

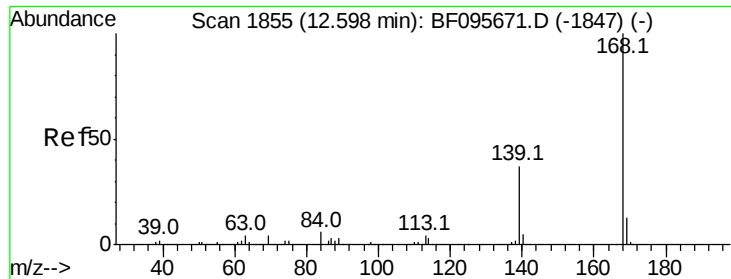


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



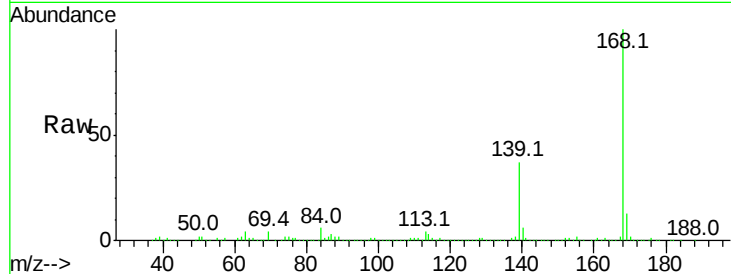


#54
Dibenzofuran
Concen: 51.01 ng
RT: 12.49 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.6	45.8
169	13.3	10.8	16.2

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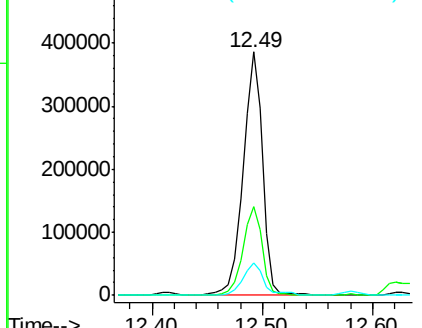


Abundance

Ion 168.00 (167.70 to 168.70): E

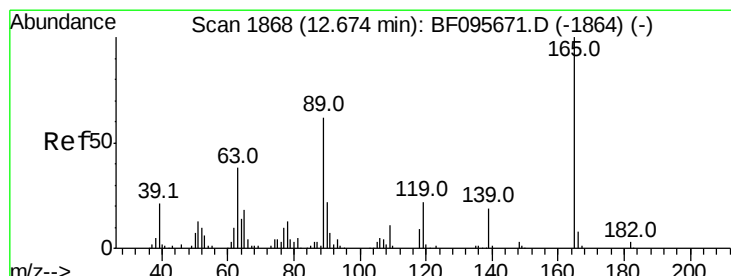
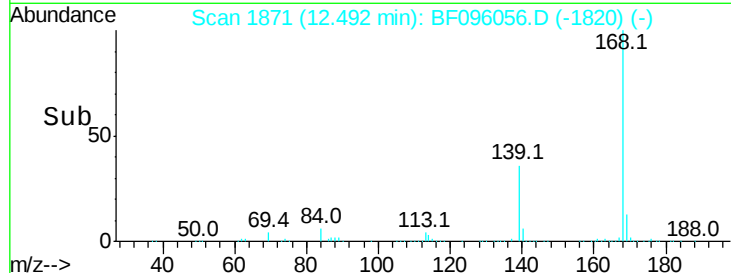
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#55
4-Nitrophenol
Concen: 51.54 ng
RT: 12.62 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

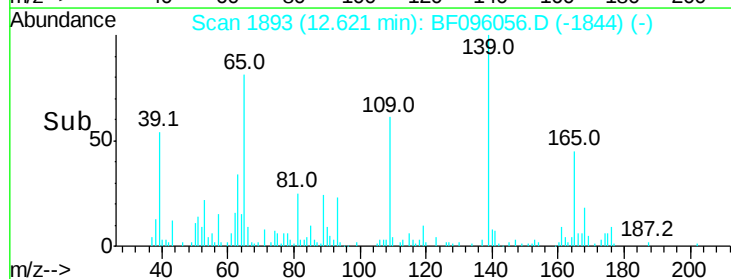
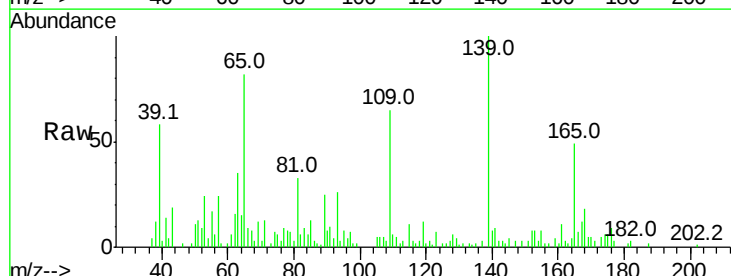
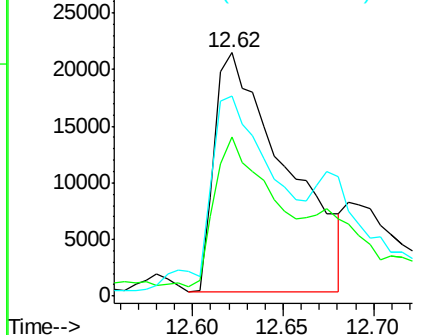
Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	34.1	74.1
65	82.2	31.4	71.4#

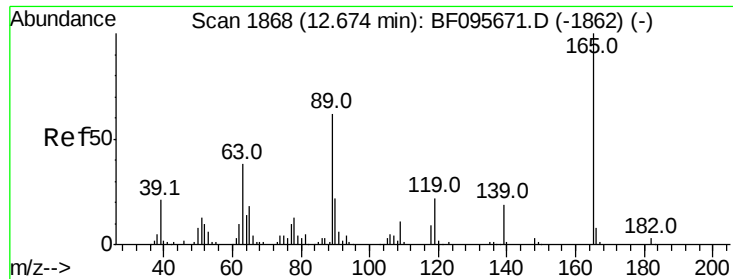
Abundance

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



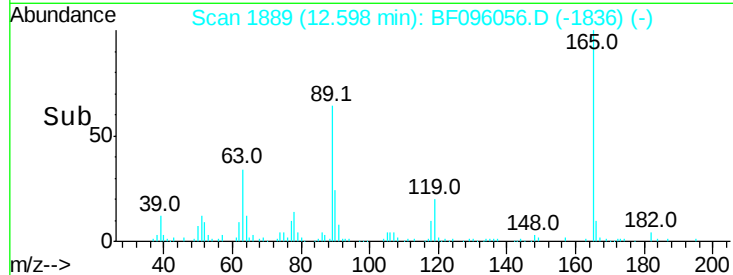
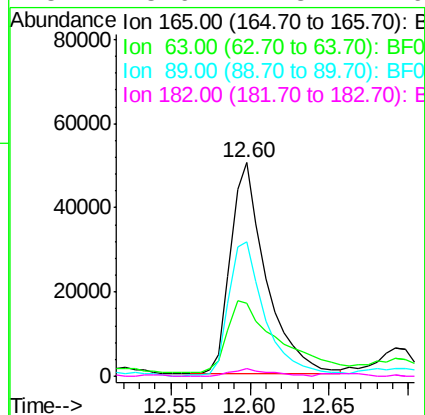
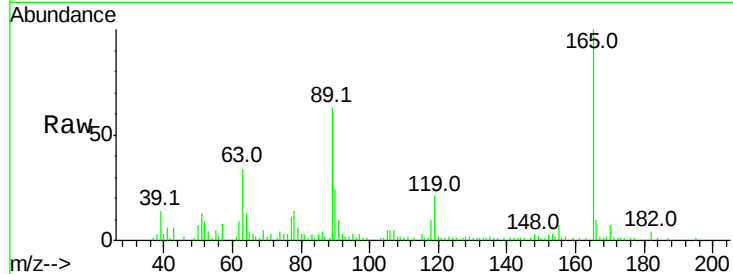


#56
2,4-Dinitrotoluene
Concen: 34.12 ng
RT: 12.60 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

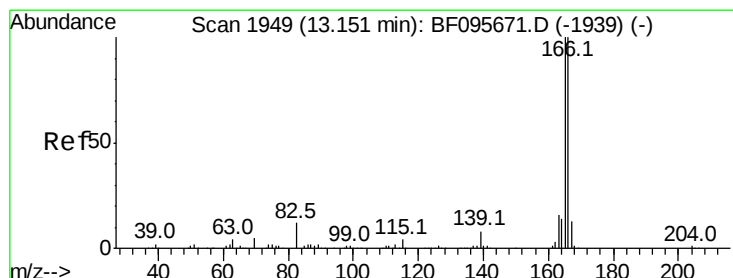
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	34.0	25.4	38.0	
89	63.1	46.4	69.6	
182	3.6	1.8	2.6	

Manual Integrations
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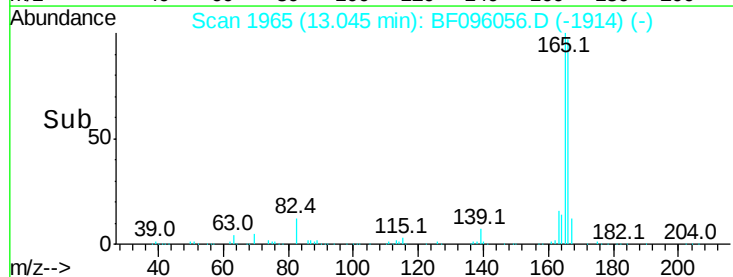
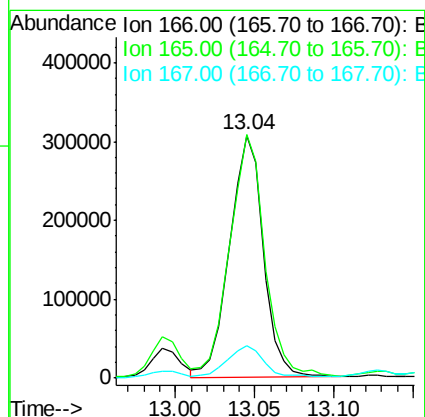
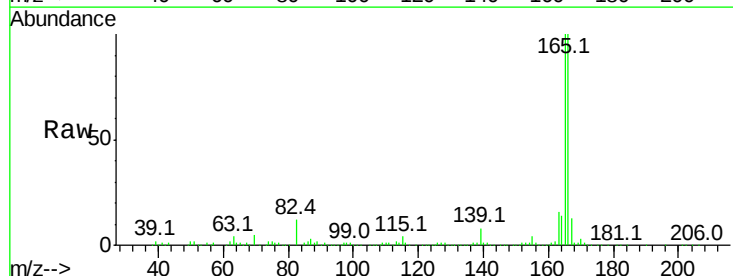
mohammad

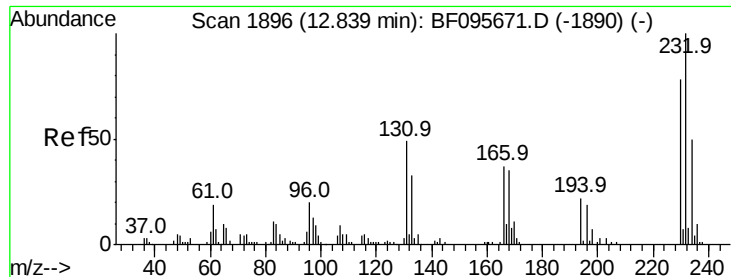
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#57
Fluorene
Concen: 55.87 ng
RT: 13.04 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	78.8	118.2	
167	13.4	10.6	16.0	





#58

2,3,4,6-Tetrachlorophenol

Concen: 42.61 ng

RT: 12.75 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion:232 Resp: 61721

Ion Ratio Lower Upper

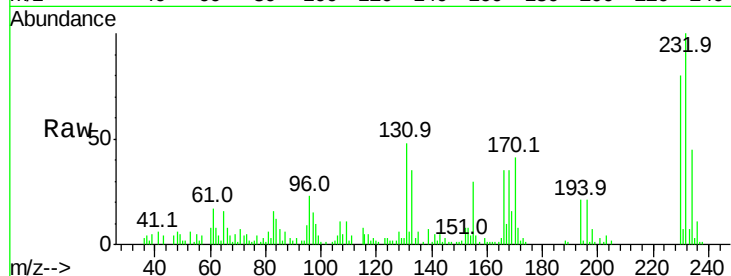
232 100

131 49.1 44.8 67.2

130 3.3 2.3 3.5

166 31.9 29.0 43.4

Manual Integrations
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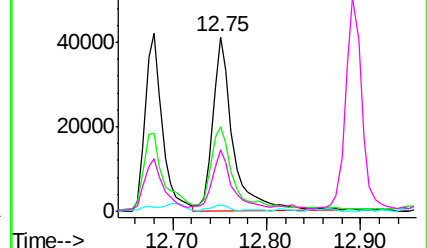
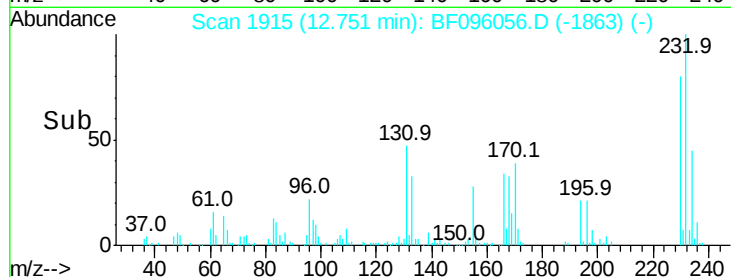


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

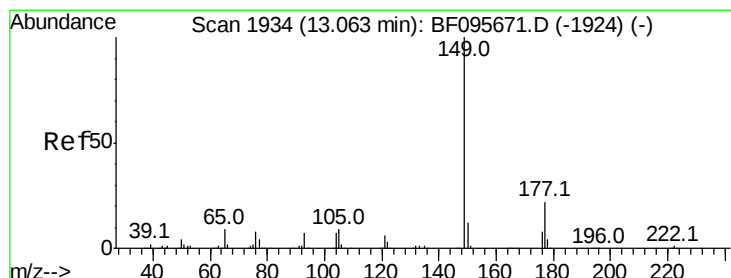
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#59

Diethylphthalate

Concen: 42.48 ng

RT: 12.96 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

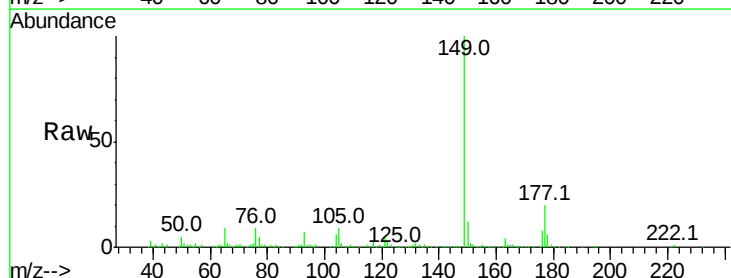
Tgt Ion:149 Resp: 321069

Ion Ratio Lower Upper

149 100

177 20.5 16.7 25.1

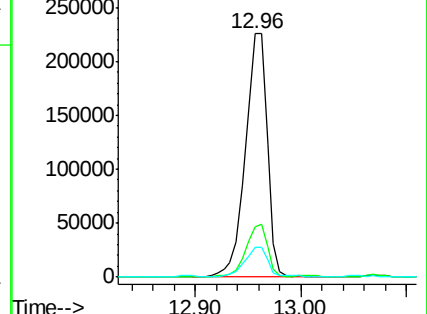
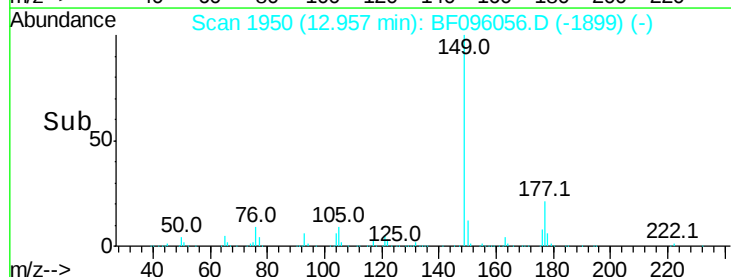
150 12.3 10.2 15.2

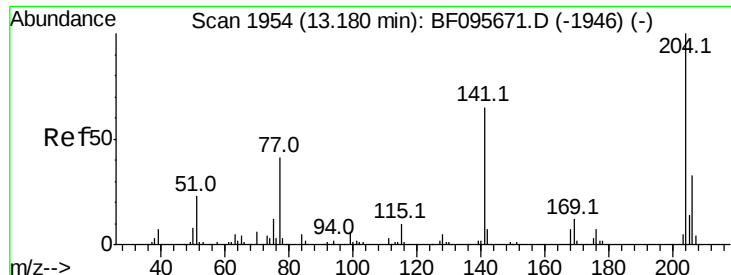


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



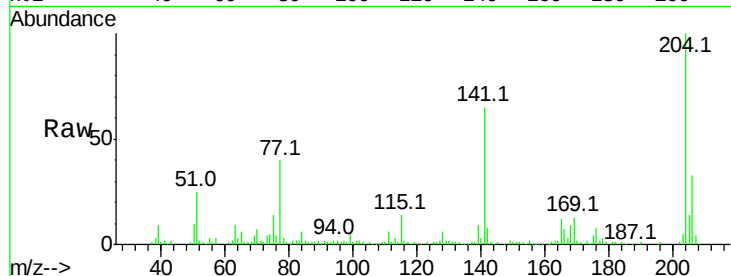


#60
4-Chlorophenyl-phenylether
Concen: 39.20 ng
RT: 13.07 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	65.2	60.8	91.2

Manual Integrations
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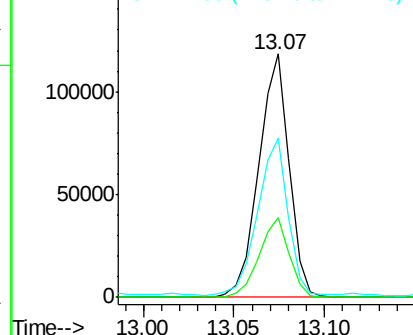


Abundance

Ion 204.00 (203.70 to 204.70): E

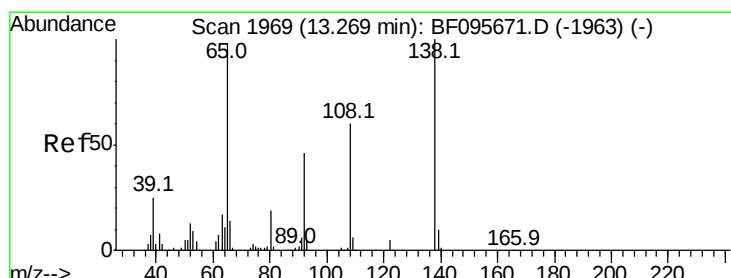
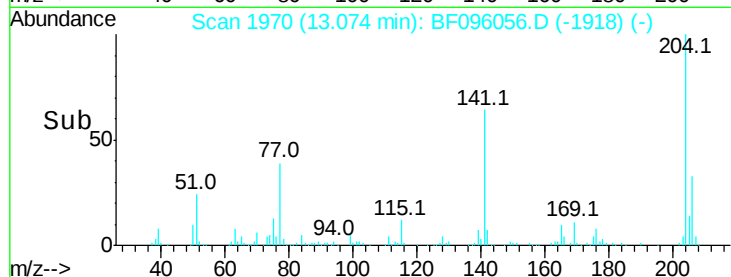
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



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#61
4-Nitroaniline
Concen: 38.08 ng
RT: 13.18 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

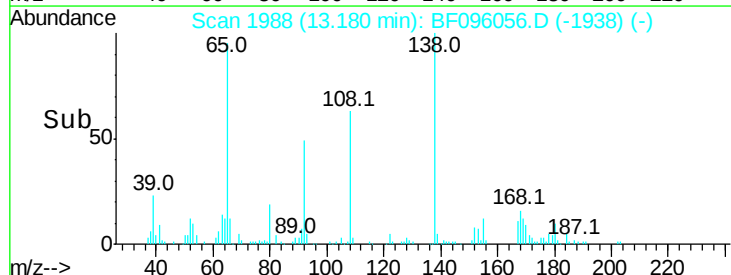
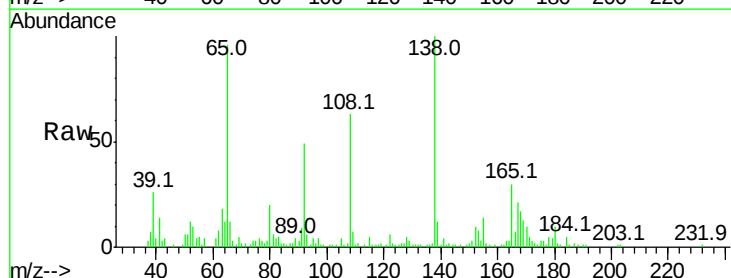
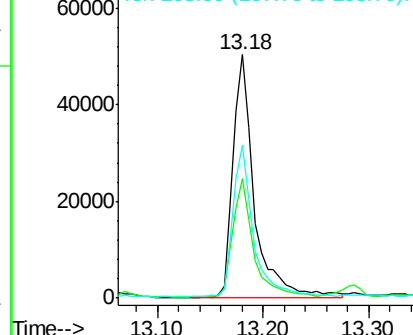
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	21.8	61.8
108	62.6	42.3	82.3

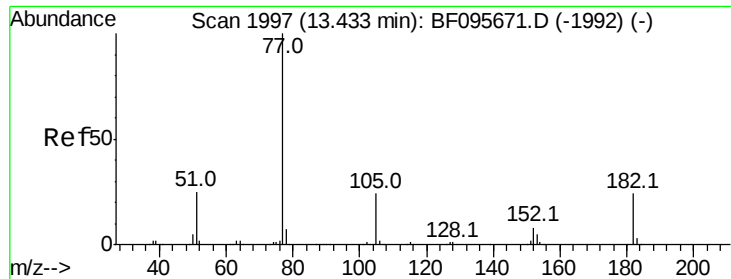
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



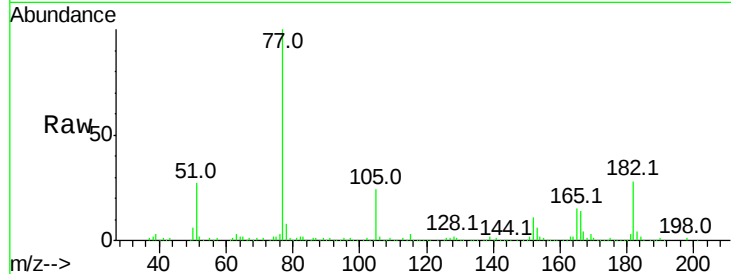


#62
Azobenzene
Concen: 39.87 ng
RT: 13.33 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

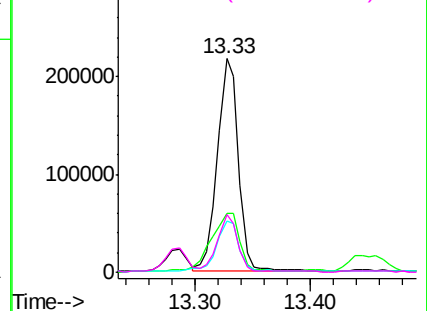
Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	0.1	40.1
105	24.2	3.6	43.6
51	26.9	9.4	49.4

Manual Integrations
APPROVED

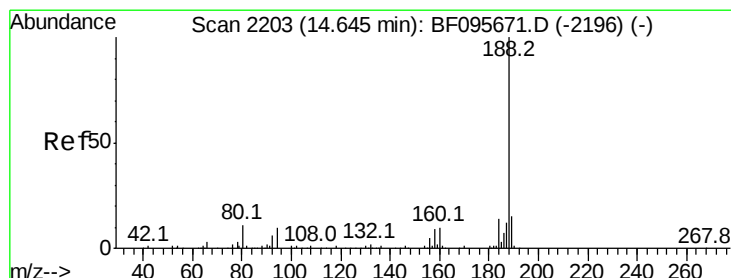
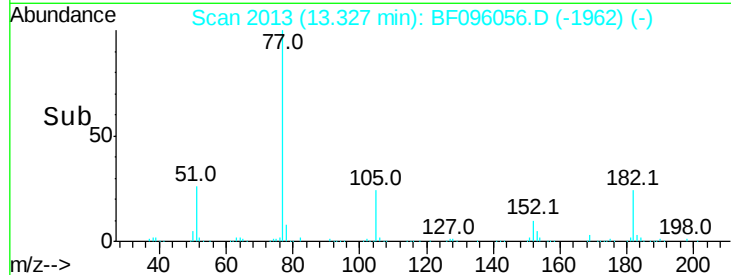


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



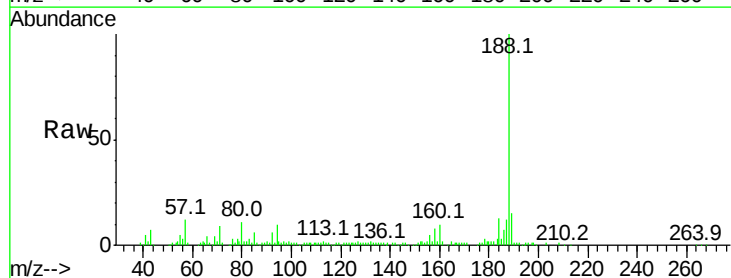
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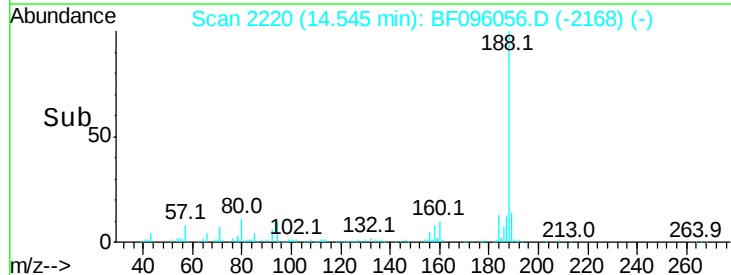
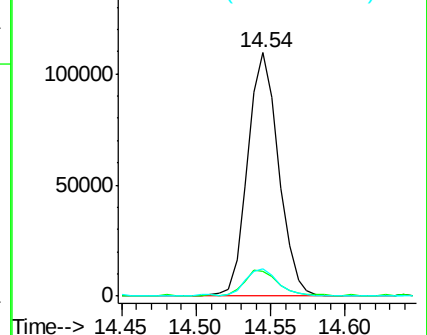


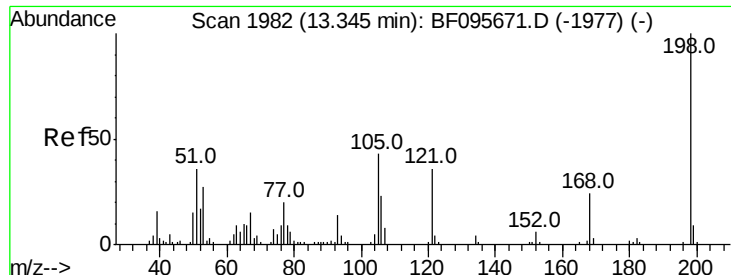
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.1	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



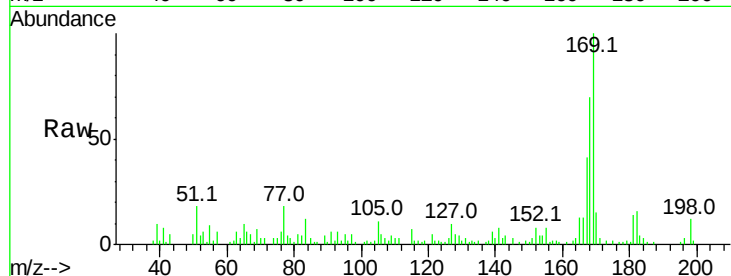


#64
4,6-Dinitro-2-methylphenol
Concen: 8.69 ng
RT: 13.30 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	145.4	53.2	93.2#
105	87.3	45.8	85.8#

Manual Integrations
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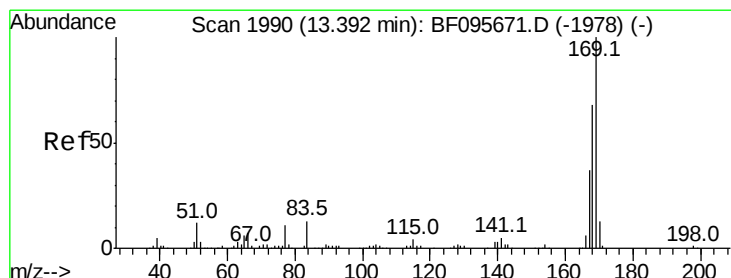
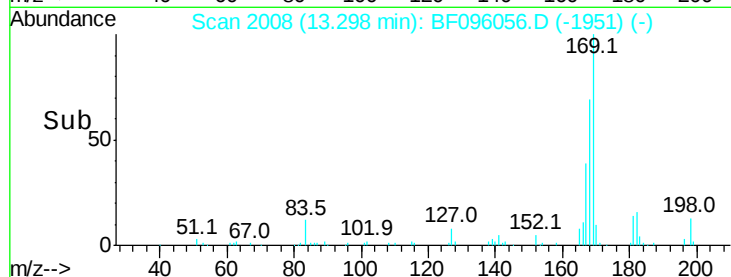
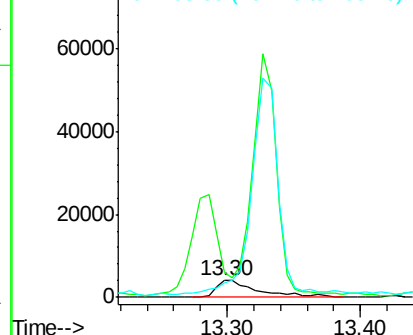


Abundance

Ion 198.00 (197.70 to 198.70): E

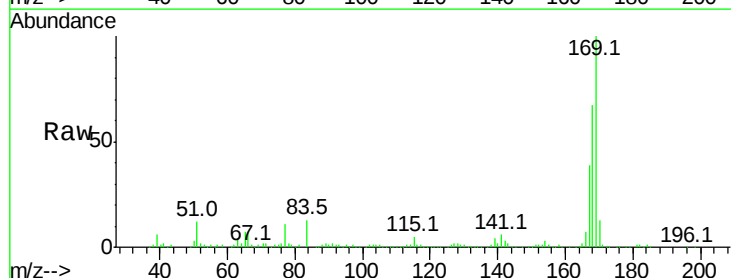
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65
n-Nitrosodiphenylamine
Concen: 47.09 ng
RT: 13.29 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	39.3	29.5	44.3

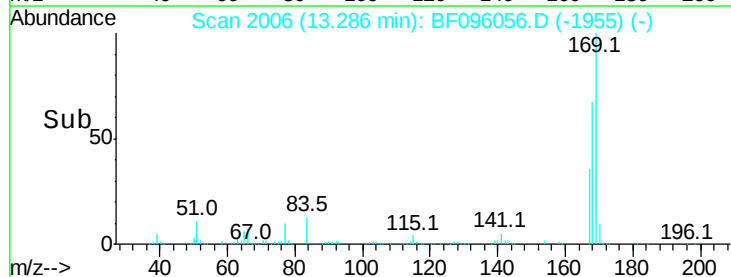
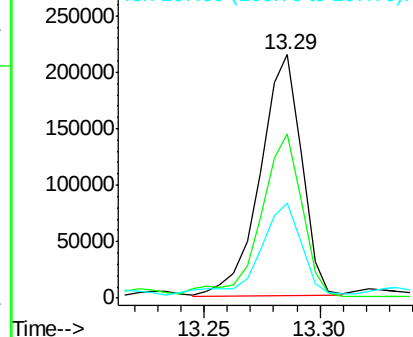


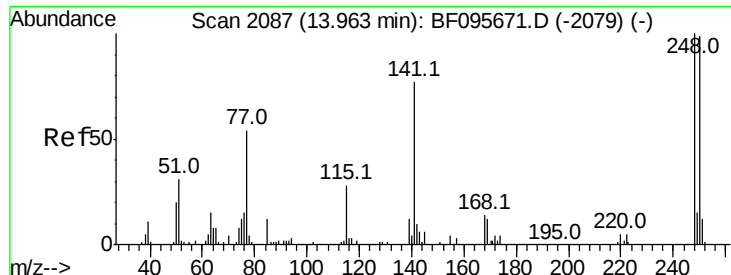
Abundance

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



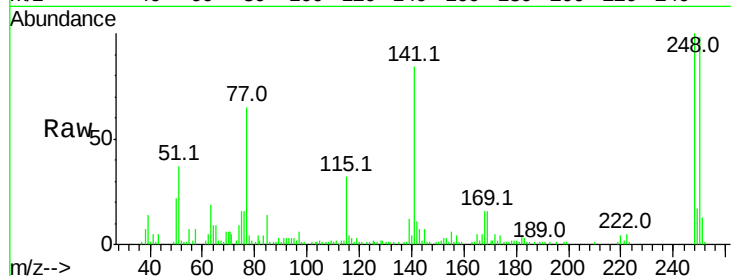


#66
4-Bromophenyl-phenylether
Concen: 45.88 ng
RT: 13.85 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.8	115.2
141	84.3	68.6	103.0

Manual Integrations
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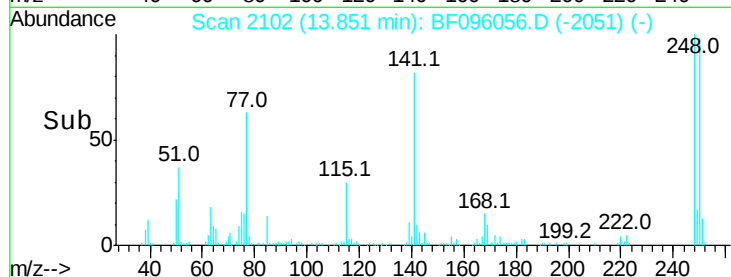
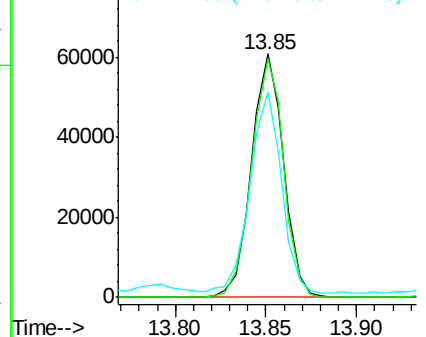


Abundance

Ion 248.00 (247.70 to 248.70): E

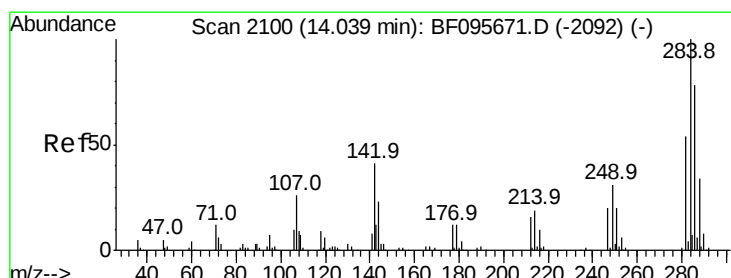
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#67
Hexachlorobenzene
Concen: 43.60 ng
RT: 13.95 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

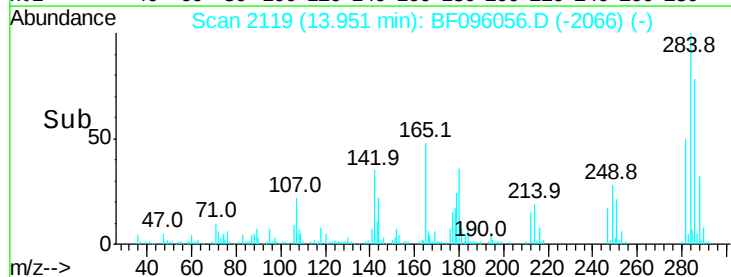
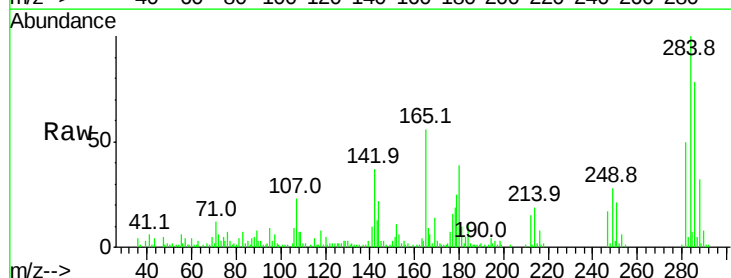
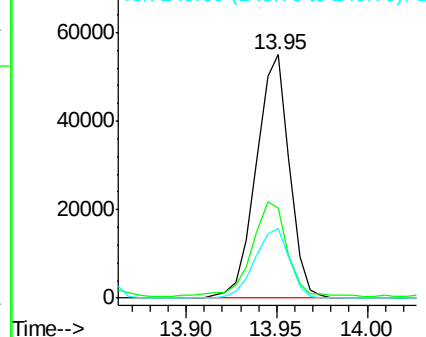
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	22.8	34.2#
249	28.5	24.0	36.0

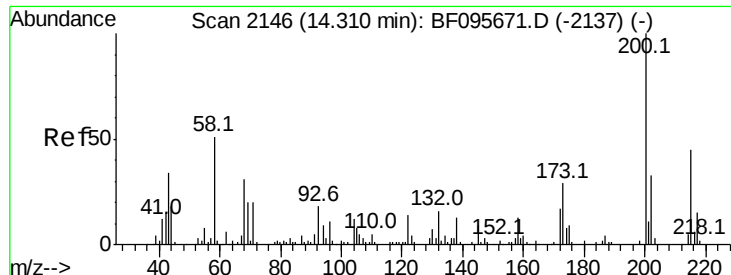
Abundance

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



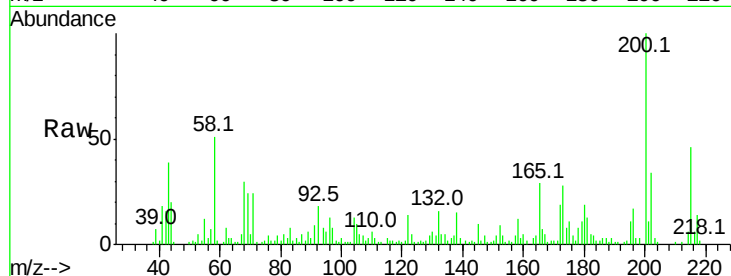


#68
Atrazine
Concen: 47.57 ng
RT: 14.22 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

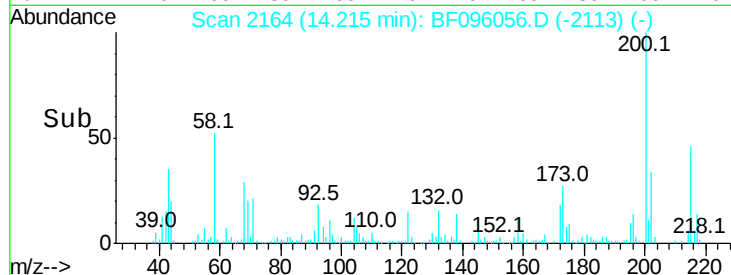
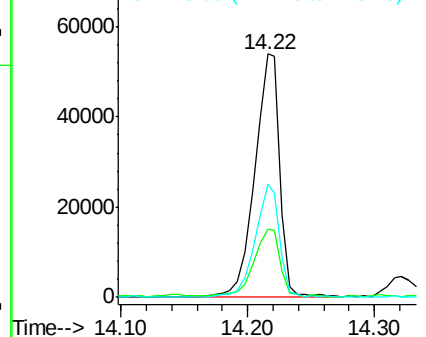
Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.3	46.3
215	46.3	27.2	67.2

Manual Integrations
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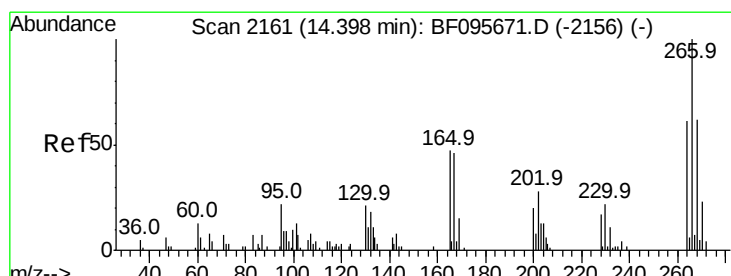


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



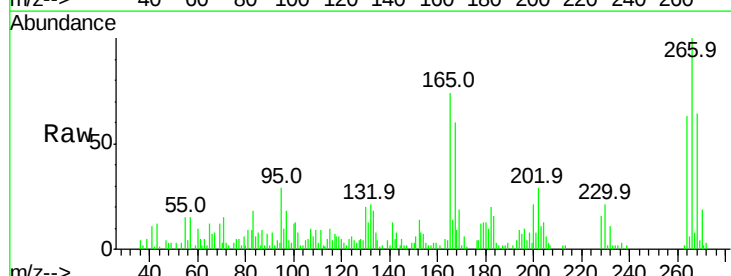
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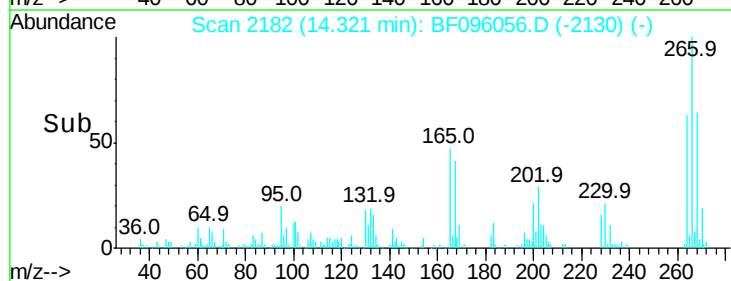
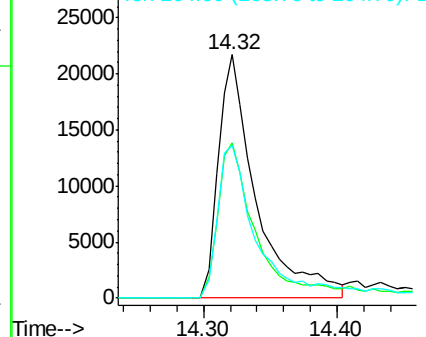


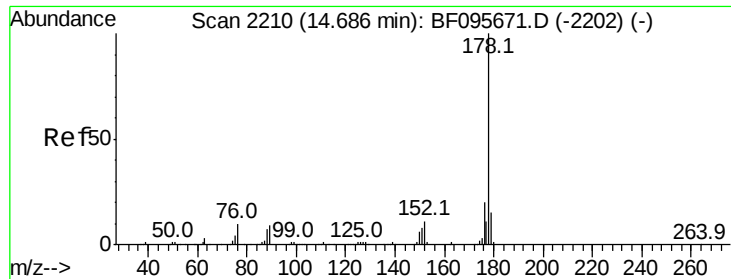
#69
Pentachlorophenol
Concen: 71.54 ng
RT: 14.32 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.6	51.7	77.5



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



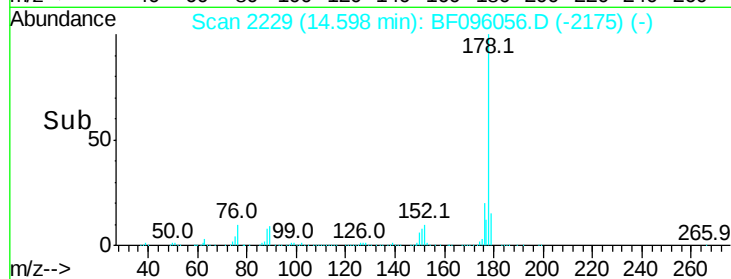
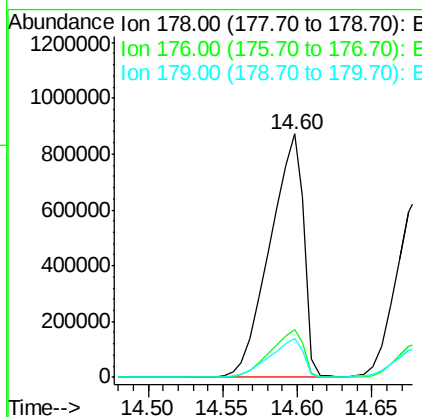
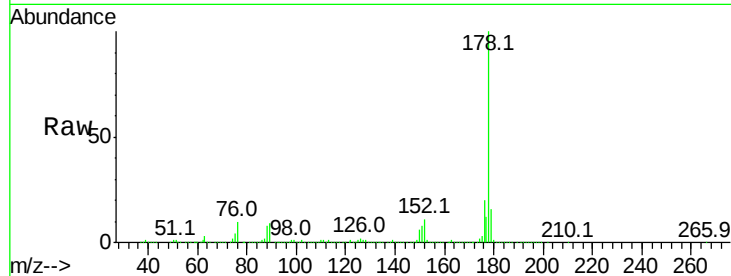


#70
Phenanthrene
Concen: 152.44 ng
RT: 14.60 min Scan# 2229
Delta R.T. 0.02 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

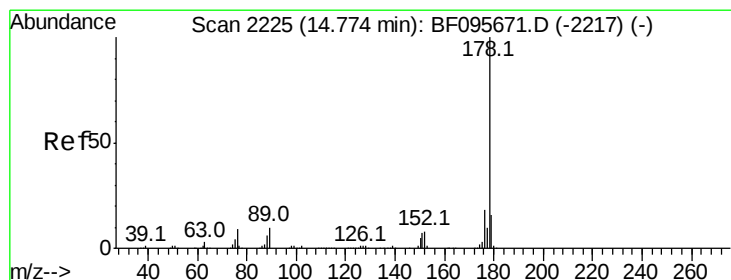
Tot Ion:178 Resp: 1377007
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.8 12.6 19.0

Manual Integrations
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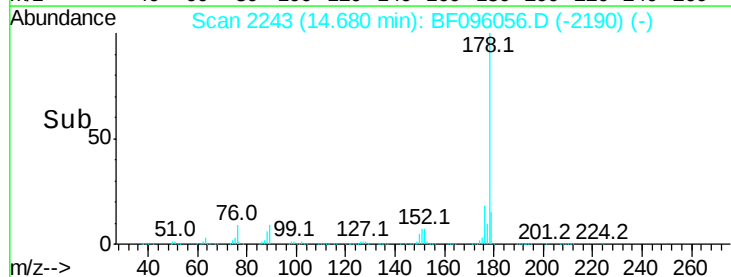
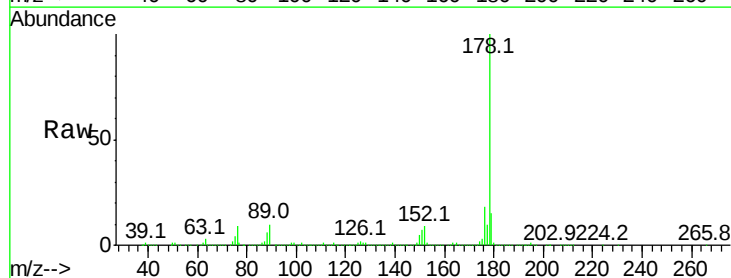
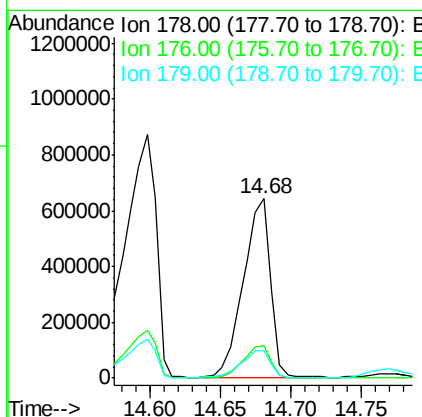
mohammad

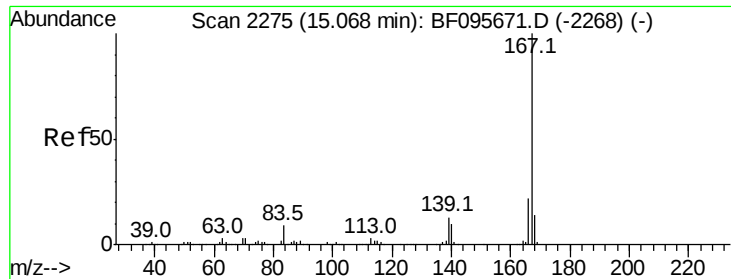
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#71
Anthracene
Concen: 91.20 ng
RT: 14.68 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion:178 Resp: 860055
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 15.5 12.7 19.1





#72

Carbazole

Concen: 43.88 ng

RT: 14.97 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

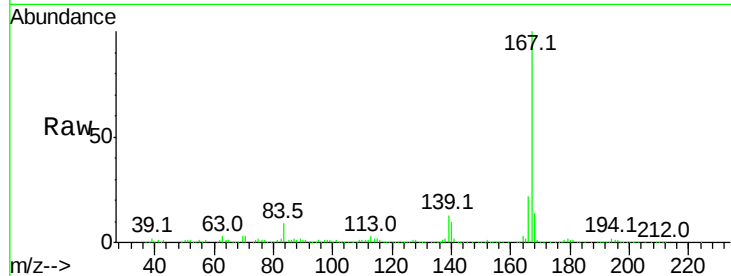
BNA_F

ClientSampleId :

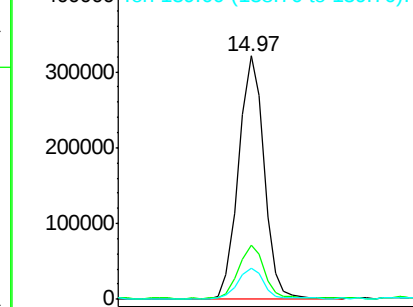
SU-02-061617MS

Tot Ion:	167	Resp:	403270
Ion Ratio		Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.8	11.7	17.5

Manual Integrations
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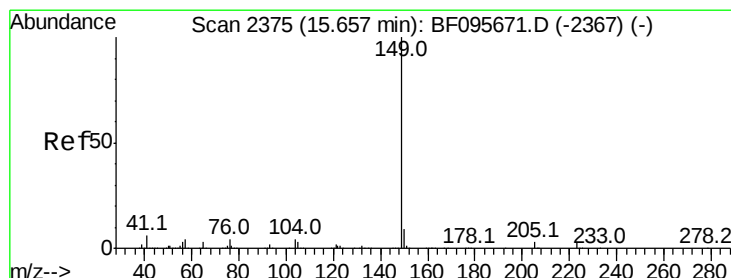
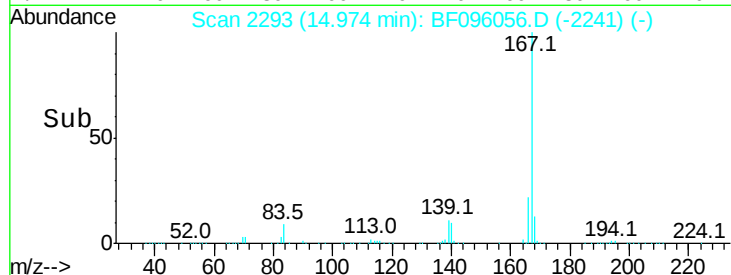


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 46.64 ng

RT: 15.57 min Scan# 2394

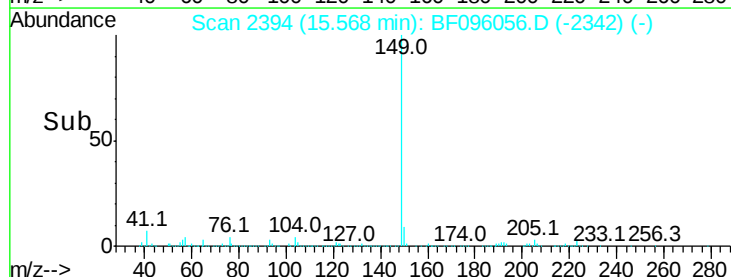
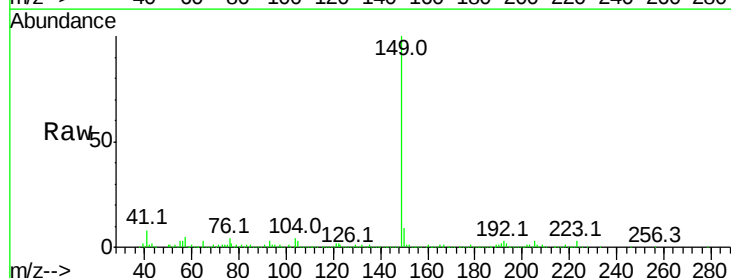
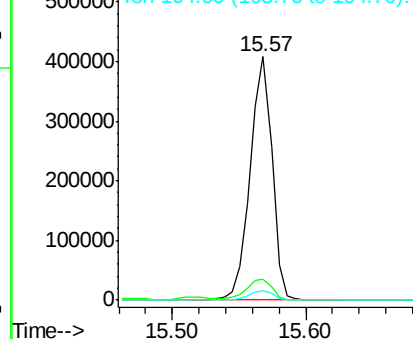
Delta R.T. 0.01 min

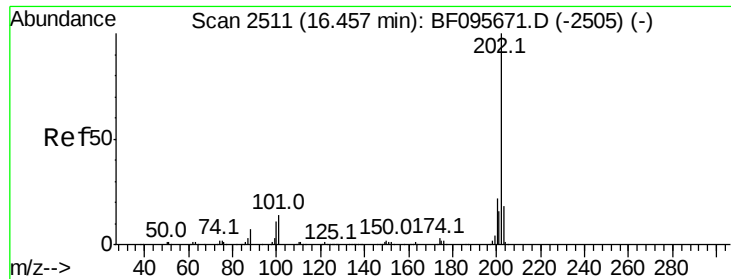
Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Tgt Ion:	149	Resp:	455990
Ion Ratio		Lower	Upper
149	100		
150	8.7	7.7	11.5
104	4.1	4.0	6.0

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 172.55 ng

RT: 16.40 min Scan# 2535

Delta R.T. 0.03 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion:202 Resp: 1542763

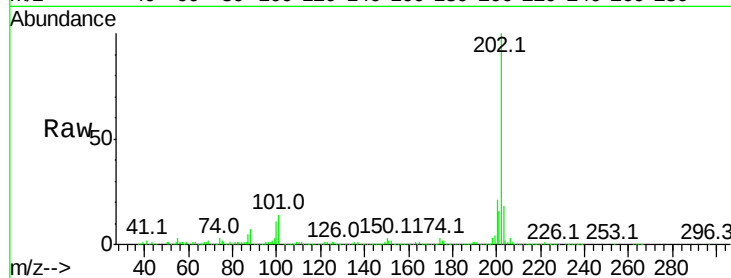
Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

203 17.7 0.0 38.1

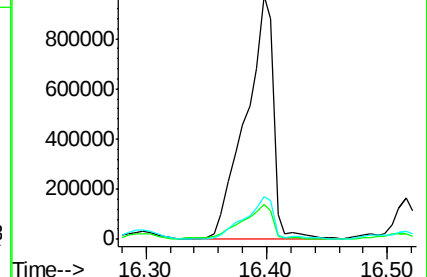
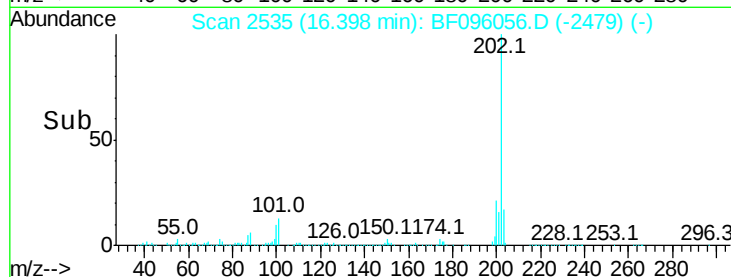
Manual Integrations
APPROVED



Abundance Ion 202.00 (201.70 to 202.70): E

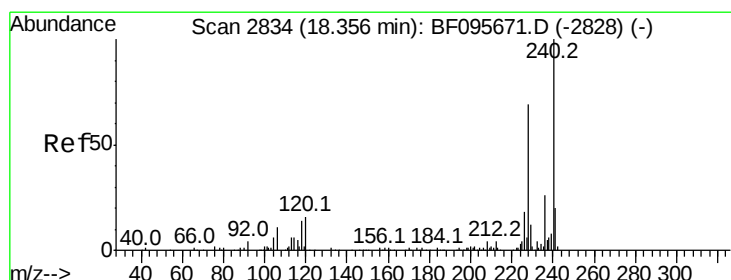
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.30 min Scan# 2858

Delta R.T. 0.02 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

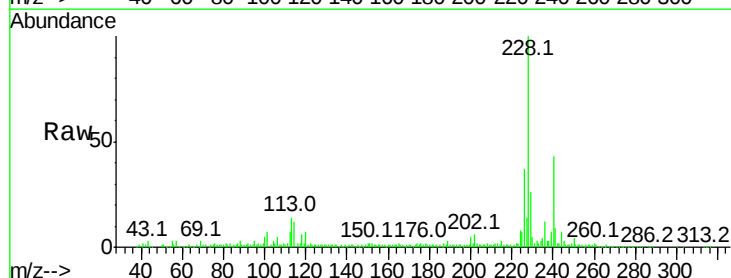
Tgt Ion:240 Resp: 99446

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

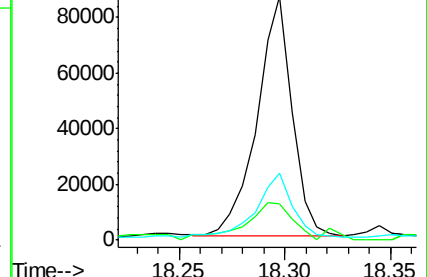
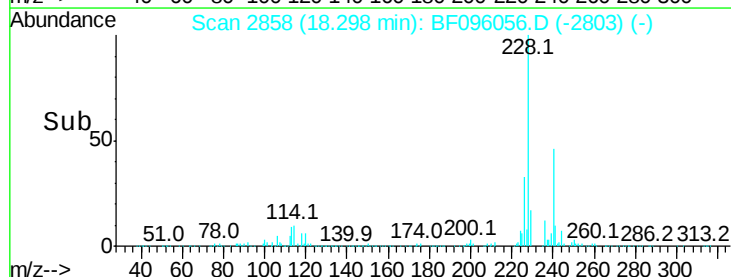
236 27.3 20.5 30.7

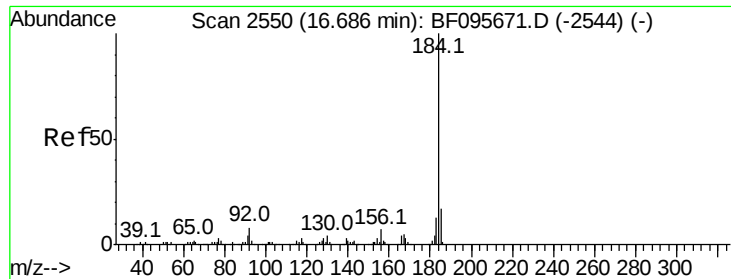


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.34 ng

RT: 16.64 min Scan# 2576

Delta R.T. 0.04 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

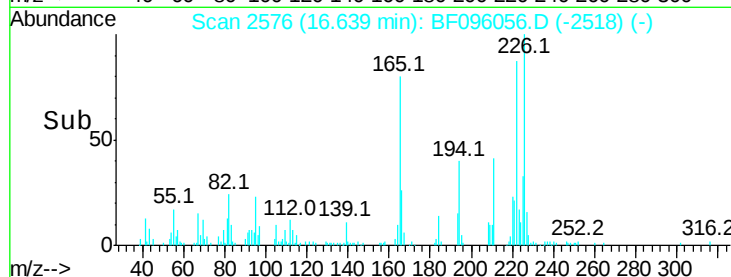
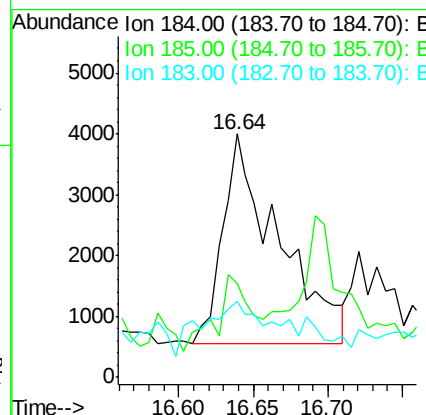
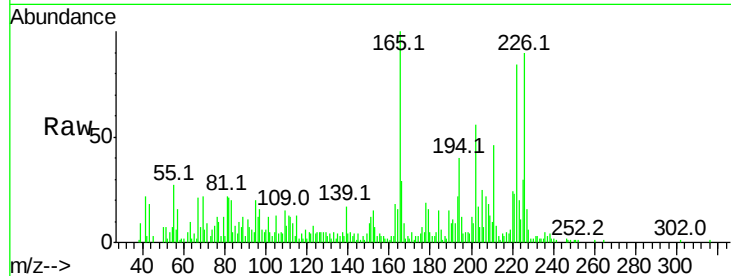
BNA_F

ClientSampleId :

SU-02-061617MS

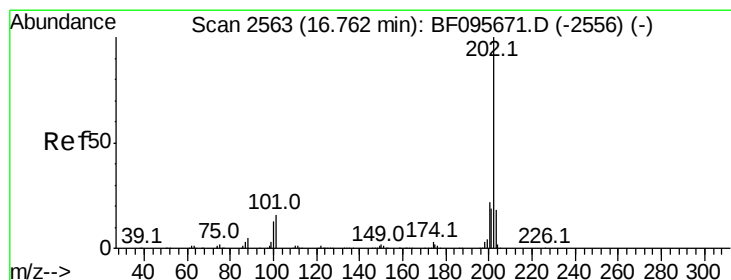
Tot Ion:	184	Resp:	8929
Ion Ratio	Lower	Upper	
184	100		
185	38.3	15.5	23.3#
183	31.0	9.8	14.6#

Manual Integrations
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#77

Pyrene

Concen: 280.78 ng

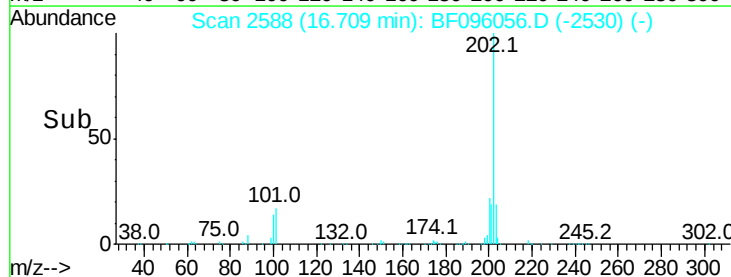
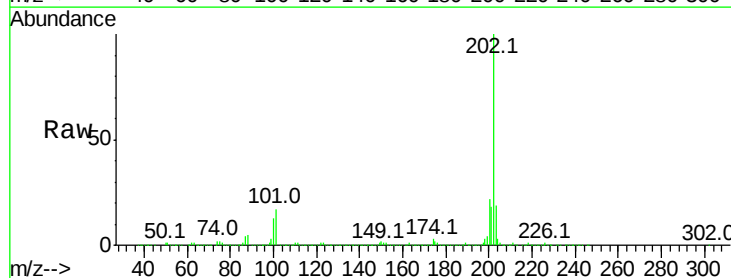
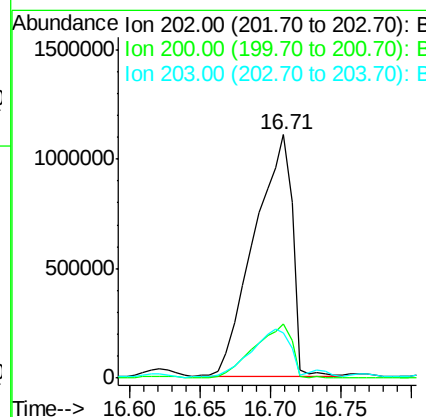
RT: 16.71 min Scan# 2588

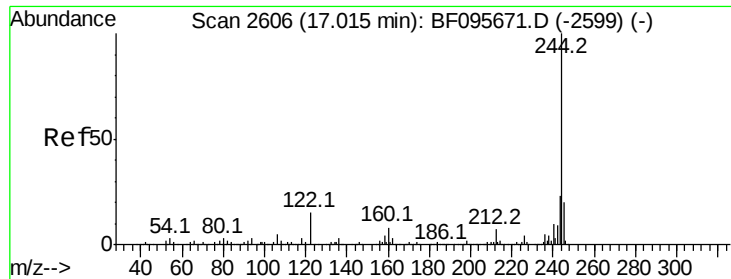
Delta R.T. 0.04 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Tgt Ion:	202	Resp:	2083440
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	18.8	14.4	21.6





#78

Terphenyl-d14

Concen: 109.71 ng

RT: 16.94 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

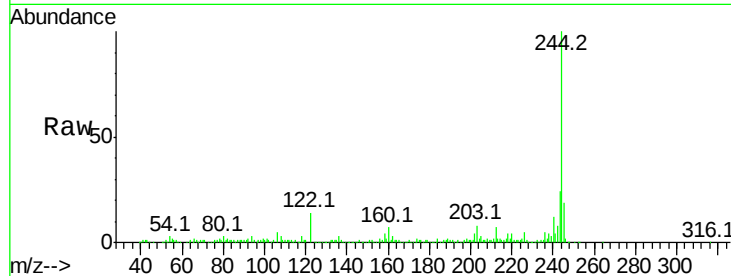
BNA_F

ClientSampleId :

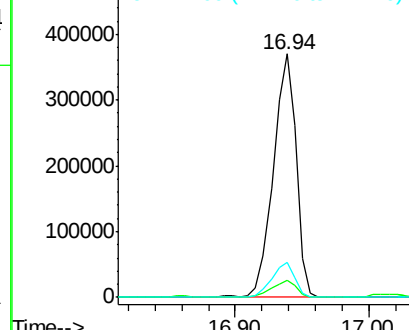
SU-02-061617MS

Tot Ion:	244	Resp:	439615
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5

Manual Integrations
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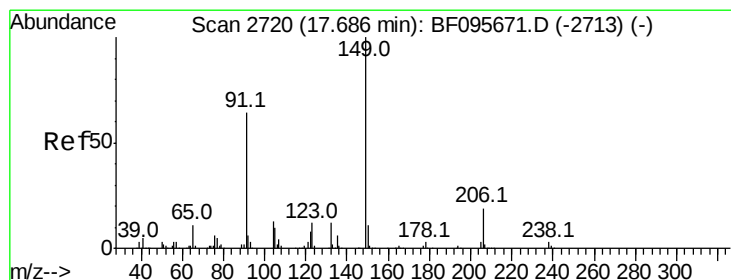
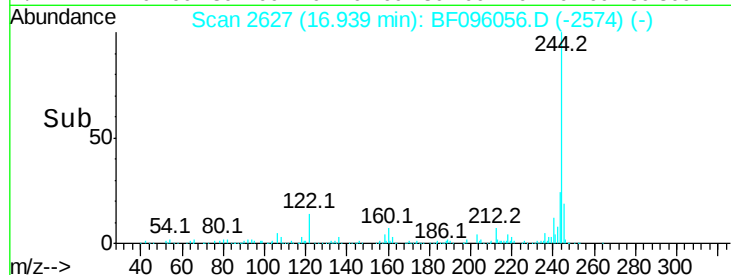


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 56.51 ng

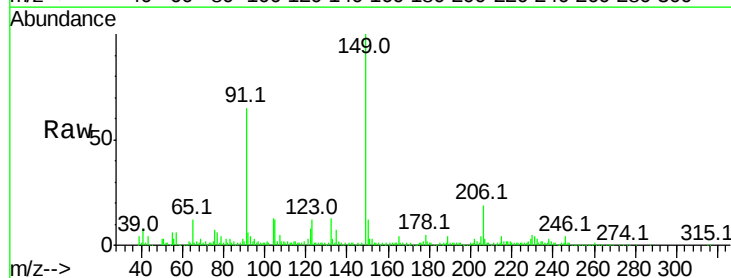
RT: 17.61 min Scan# 2741

Delta R.T. 0.02 min

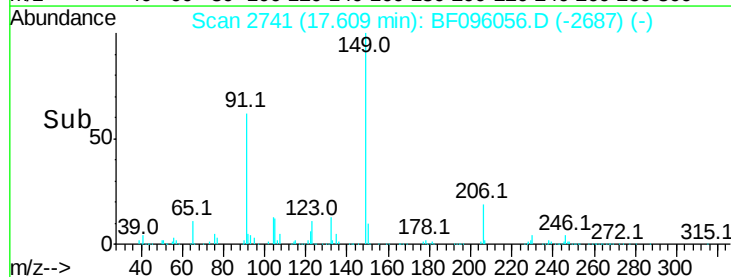
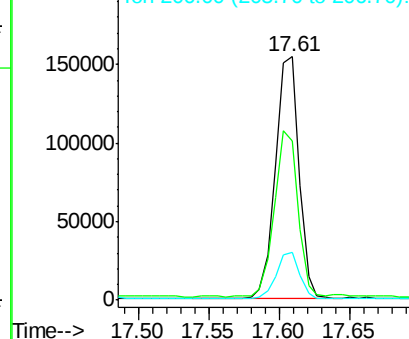
Lab File: BF096056.D

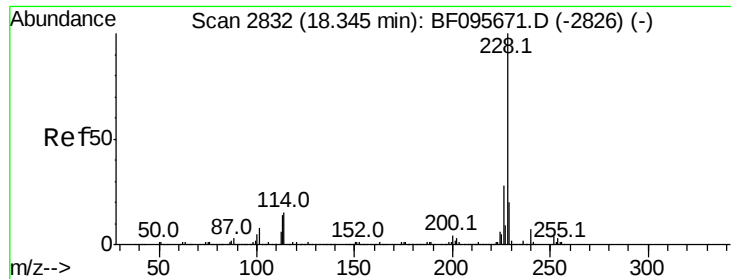
Acq: 20 Jun 2017 21:20

Tgt Ion:	149	Resp:	183127
Ion Ratio	Lower	Upper	
149	100		
91	65.2	45.0	67.4
206	19.4	17.0	25.6



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



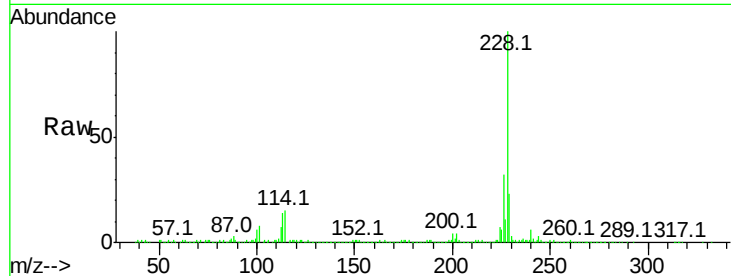


#80
Benzo(a)anthracene
Concen: 171.35 ng
RT: 18.29 min Scan# 2856
Delta R.T. 0.02 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	22.9	16.3	24.5

Manual Integrations
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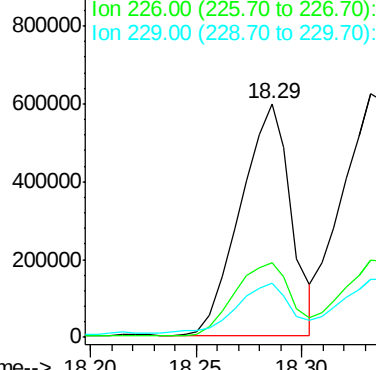


Abundance

Ion 228.00 (227.70 to 228.70): E

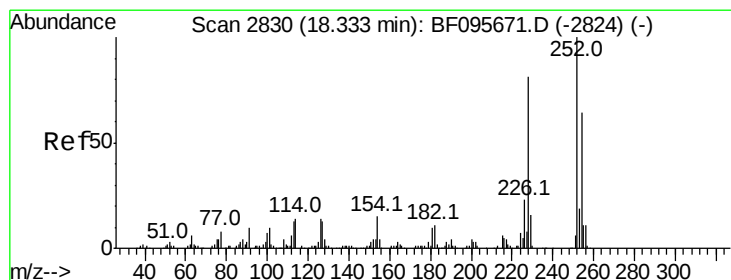
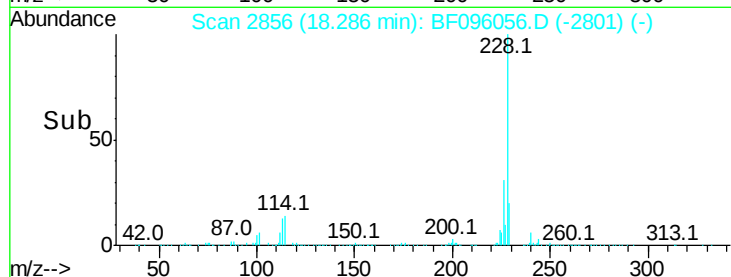
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#81
3,3'-Dichlorobenzidine
Concen: 28.09 ng
RT: 18.27 min Scan# 2853
Delta R.T. 0.02 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

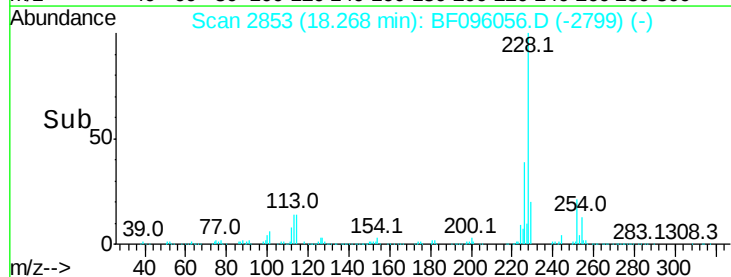
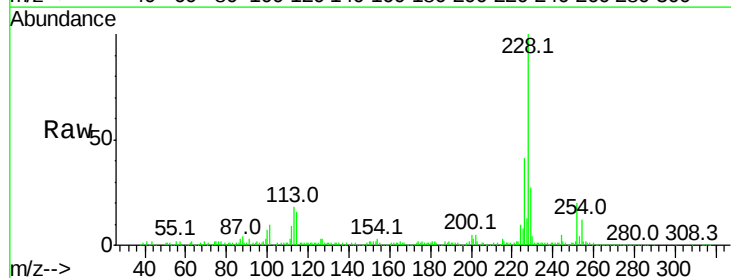
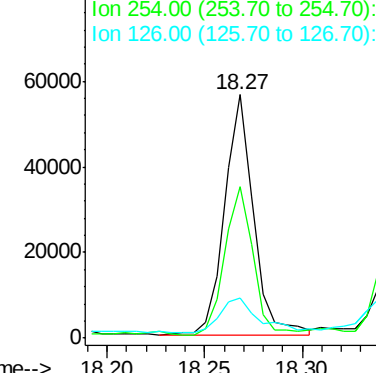
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.5	77.3
126	16.4	15.8	23.8

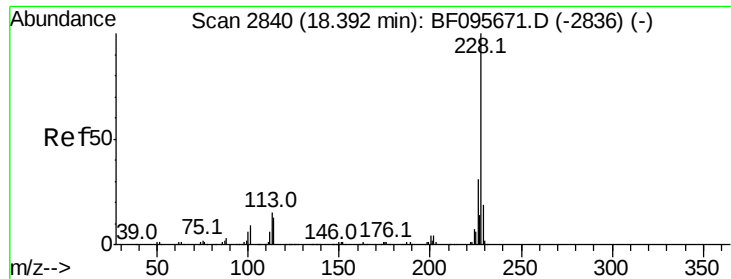
Abundance

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



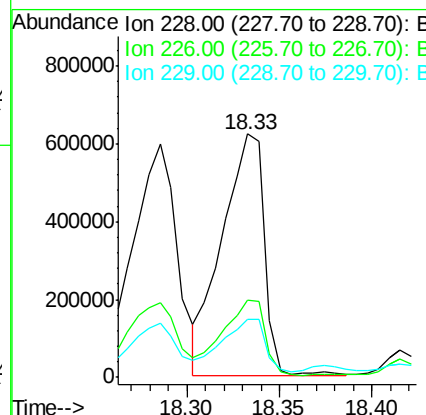
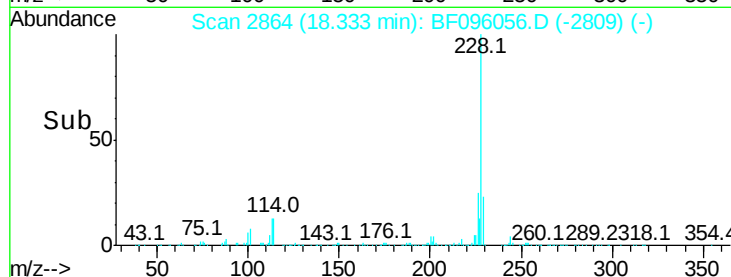
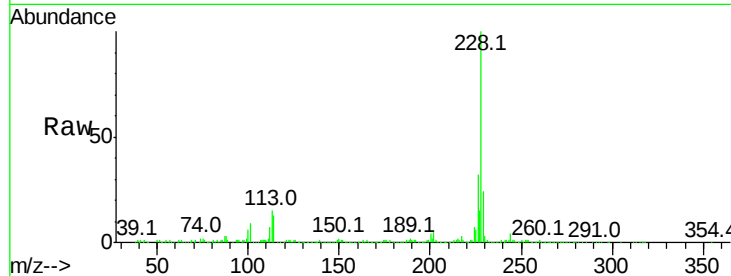


#82
Chrysene
Concen: 170.54 ng/ml
RT: 18.33 min Scan# 2864
Delta R.T. 0.02 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

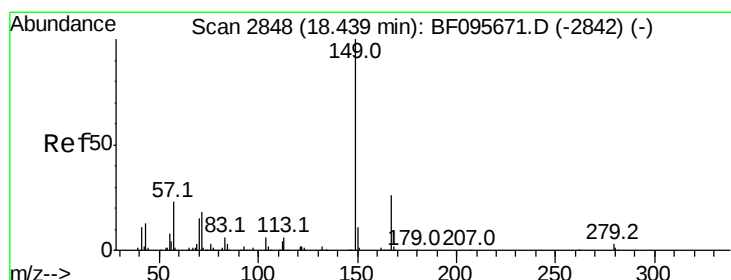
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	23.7	15.8	23.6

Manual Integrations
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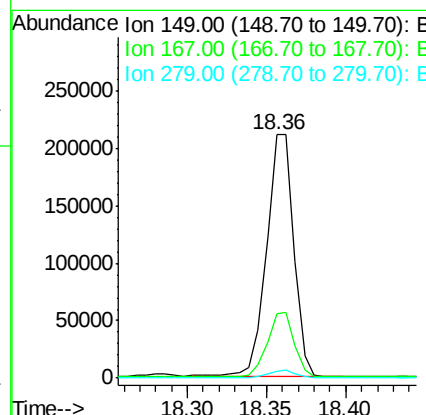
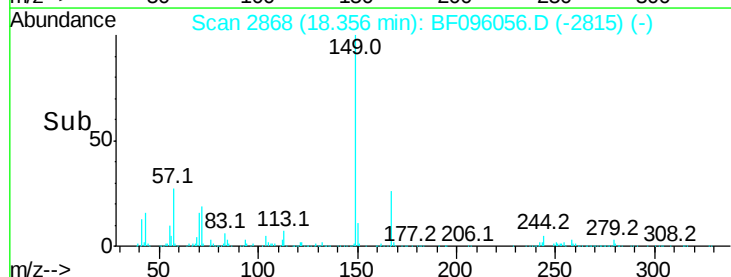
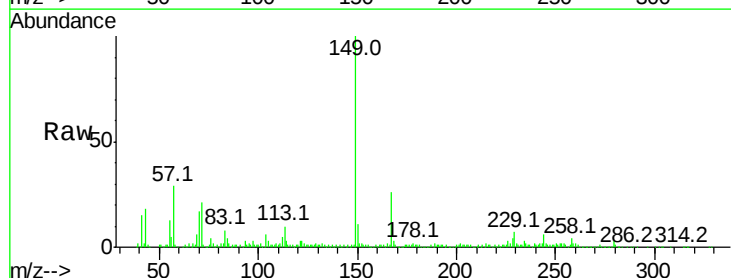
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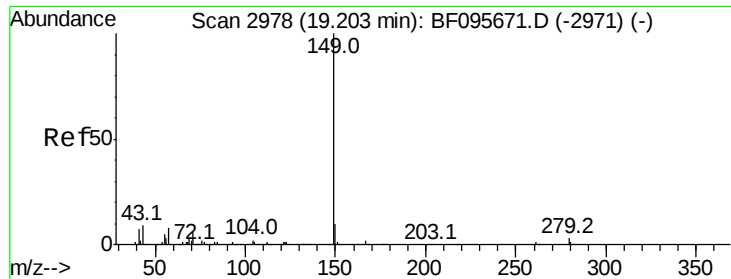
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#83
Bis(2-ethylhexyl)phthalate
Concen: 55.37 ng
RT: 18.36 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.9	1.9	2.9





#84

Di-n-octyl phthalate

Concen: 53.53 ng

RT: 19.13 min Scan# 2999

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

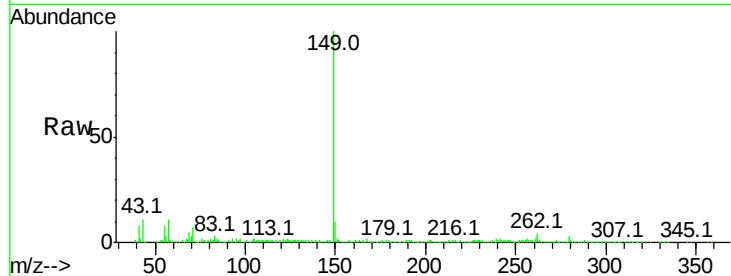
BNA_F

ClientSampleId :

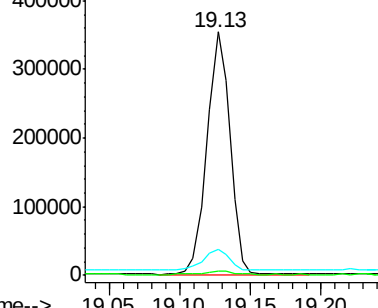
SU-02-061617MS

Tot Ion:	149	Resp:	403205
Ion Ratio	Lower	Upper	
149	100		
167	2.1	1.2	1.8#
43	10.0	8.5	12.7

Manual Integrations
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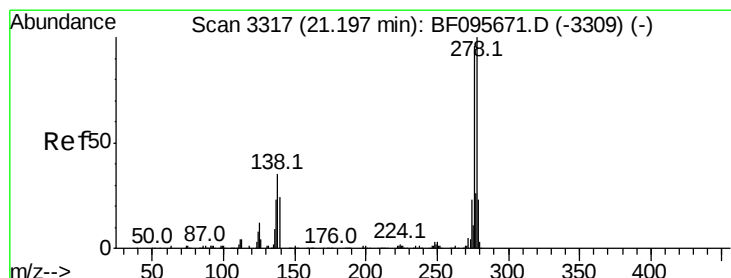
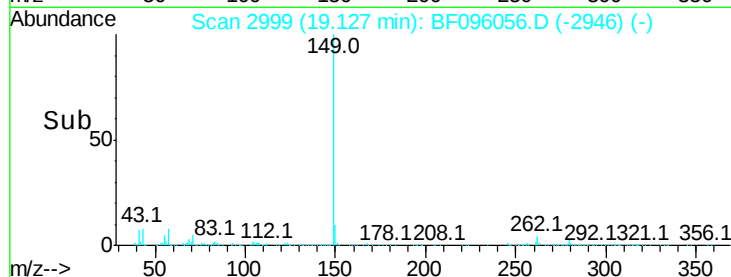


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



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#85

Indeno(1,2,3-cd)pyrene

Concen: 93.40 ng

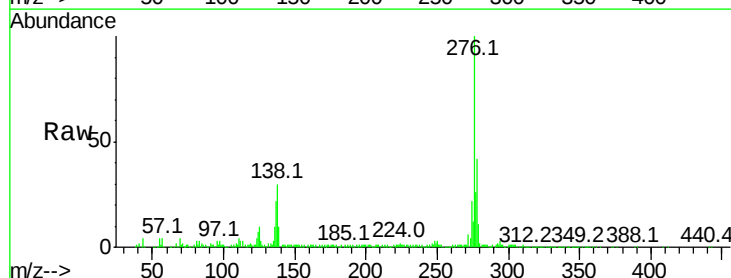
RT: 21.14 min Scan# 3341

Delta R.T. 0.04 min

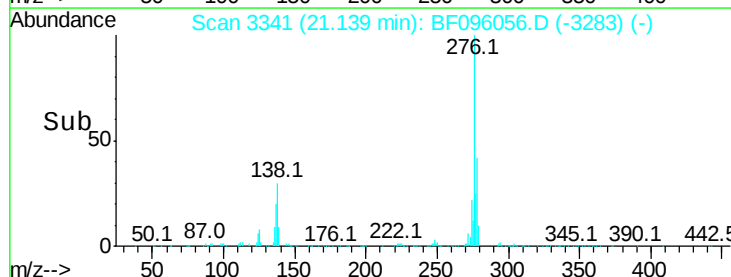
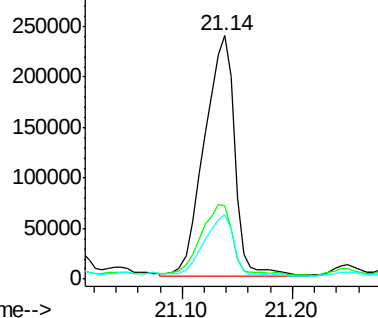
Lab File: BF096056.D

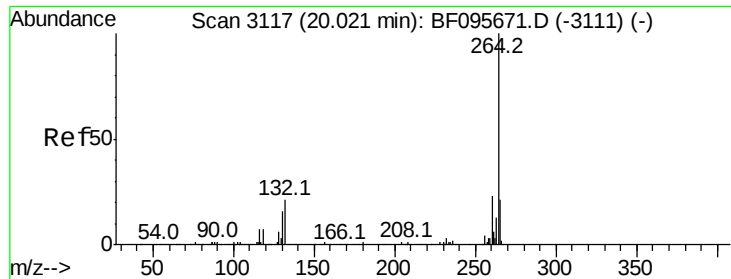
Acq: 20 Jun 2017 21:20

Tgt Ion:	276	Resp:	461755
Ion Ratio	Lower	Upper	
276	100		
138	31.9	27.8	41.6
277	24.7	20.2	30.4



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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 19.96 min Scan# 3141

Delta R.T. 0.02 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

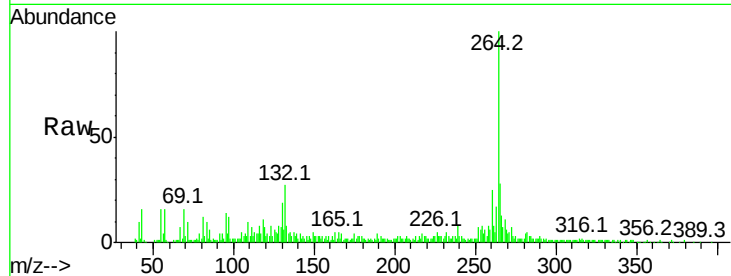
BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion:	264	Resp:	85849
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.5	29.3
265	28.5	17.2	25.8#

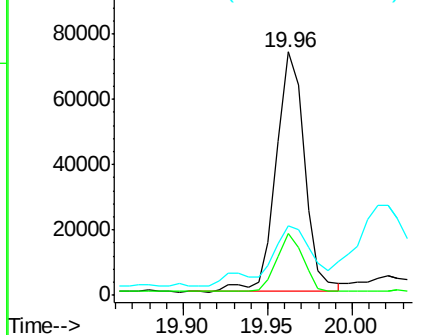
Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E

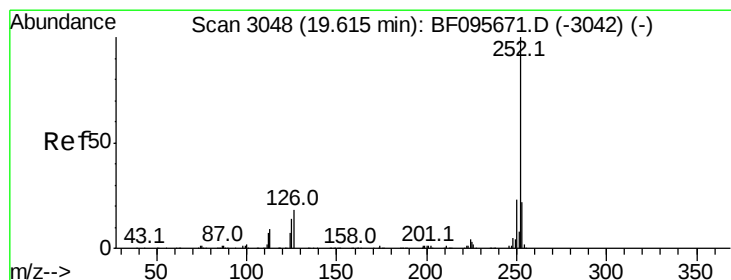
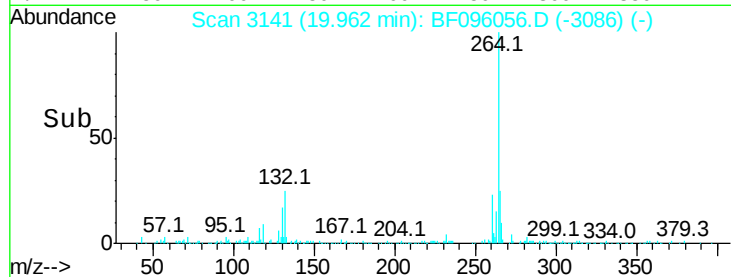
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



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#87

Benzo(b)fluoranthene

Concen: 150.64 ng m

RT: 19.57 min Scan# 3074

Delta R.T. 0.03 min

Lab File: BF096056.D

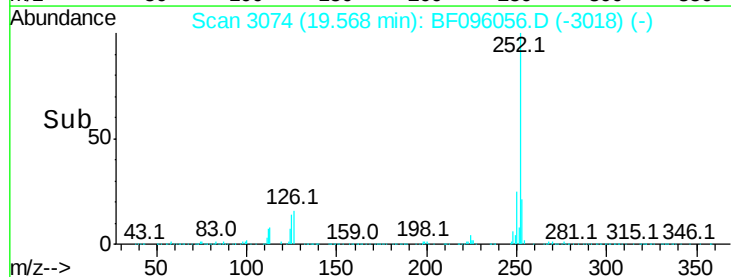
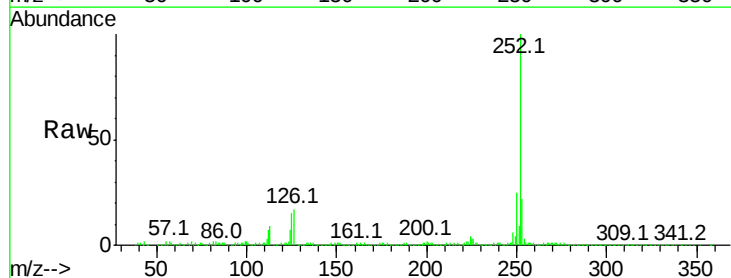
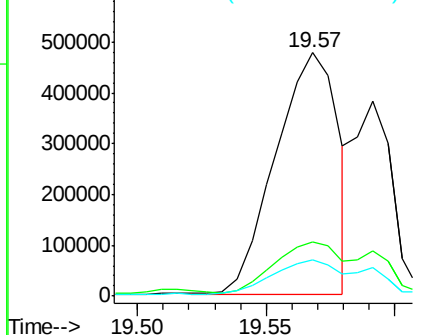
Acq: 20 Jun 2017 21:20

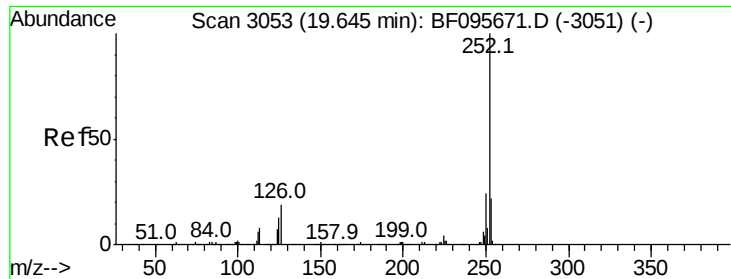
Tgt Ion:	252	Resp:	809754
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	14.9	9.8	14.8#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



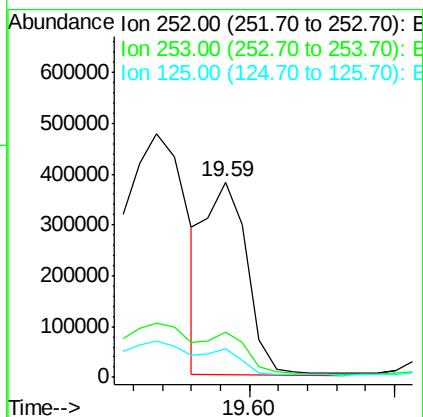
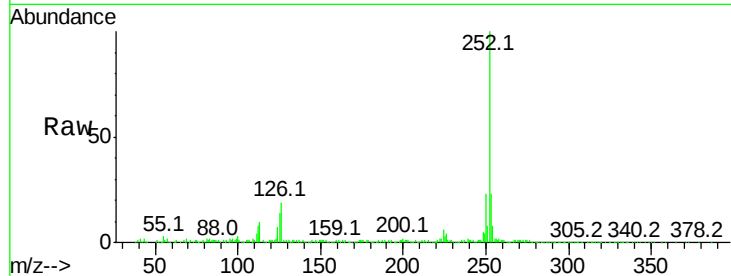


#88
Benzo(k)fluoranthene
Concen: 73.49 ng m
RT: 19.59 min Scan# 3078
Delta R.T. 0.02 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

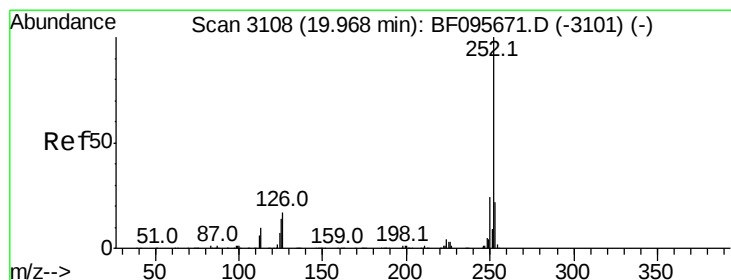
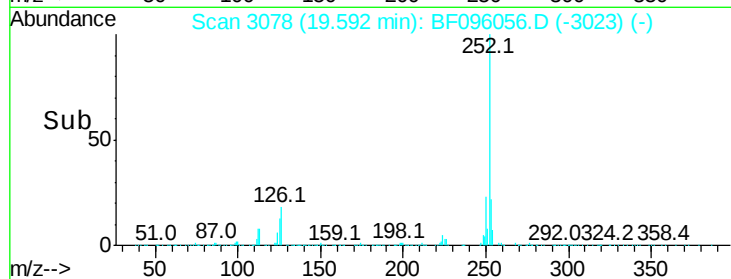
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.4	13.1	19.7

Manual Integrations
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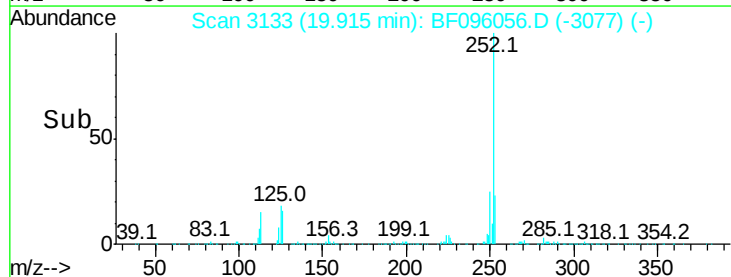
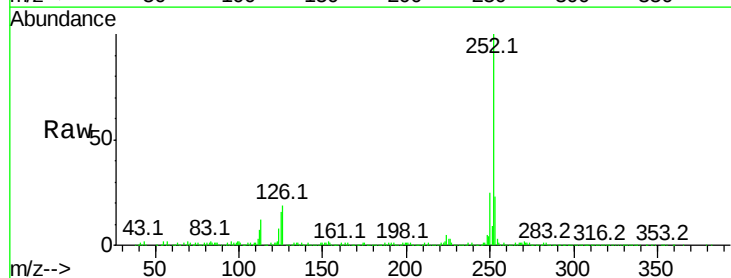
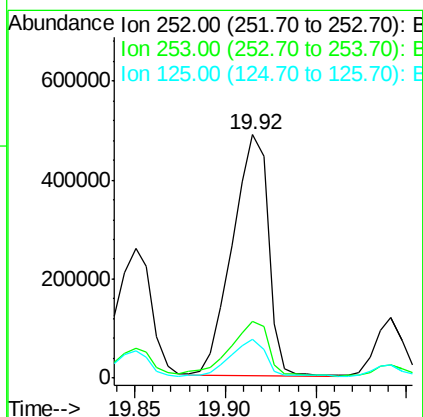
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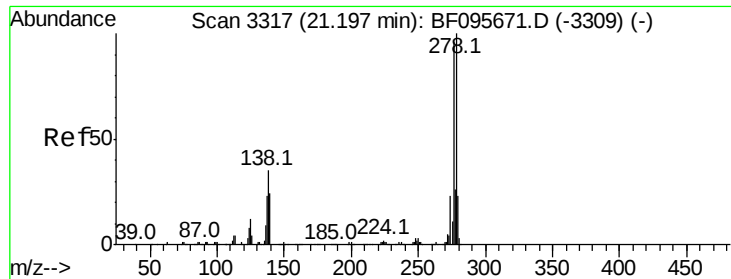
6/21/2017 2:16:51 PM



#89
Benzo(a)pyrene
Concen: 136.09 ng
RT: 19.92 min Scan# 3133
Delta R.T. 0.03 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	16.0	11.0	16.4



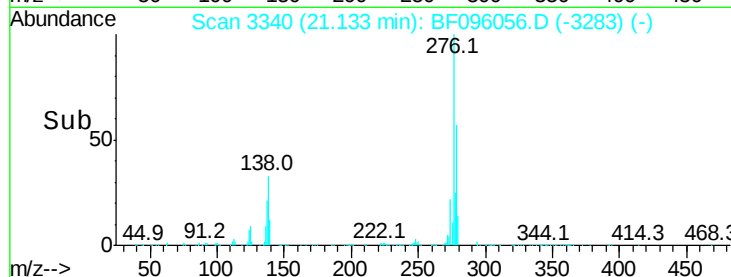
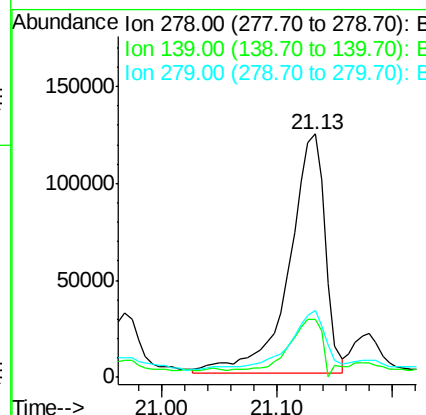
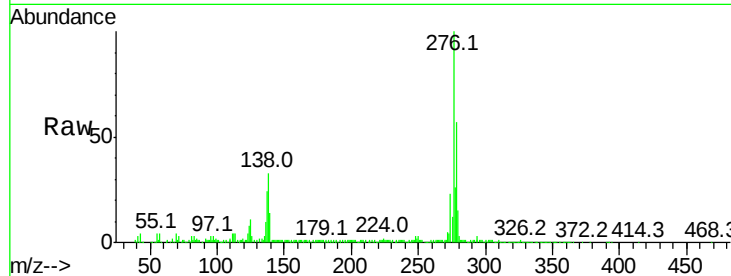


#90
Dibenzo(a,h)anthracene
Concen: 63.81 ng
RT: 21.13 min Scan# 3340
Delta R.T. 0.04 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

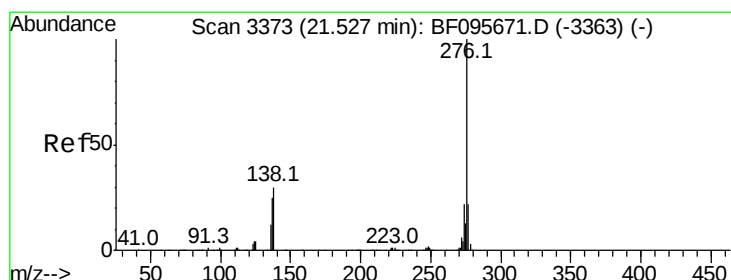
Tot Ion	Ratio	Lower	Upper
278	100		
139	23.9	16.6	24.8
279	27.4	19.3	28.9

Manual Integrations
APPROVED



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#91
Benzo(g,h,i)perylene
Concen: 101.98 ng
RT: 21.47 min Scan# 3397
Delta R.T. 0.05 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.6	28.0
138	29.0	25.4	38.0

