

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095406.D
 Acq On : 25 May 2017 3:51
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/25/2017 8:52:51 AM

Quant Time: May 25 05:08:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88359	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	345250	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	141832	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	232050	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	202255	20.00	ng	-0.01
86) Perylene-d12	20.36	264	146658	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	450819	85.06	ng	-0.02
7) Phenol-d6	7.30	99	538911	84.75	ng	-0.02
23) Nitrobenzene-d5	8.65	82	444603	81.20	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	88352	76.06	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	855759	86.84	ng	-0.02
78) Terphenyl-d14	17.33	244	748104	81.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	103059	39.65	ng	93
3) Pyridine	2.86	79	227559	37.78	ng	99
4) n-Nitrosodimethylamine	2.78	42	82717	32.94	ng	86
6) Aniline	7.25	93	355004	44.22	ng	97
8) 2-Chlorophenol	7.44	128	257350	42.66	ng	96
9) Benzaldehyde	7.07	77	148193	38.17	ng	98
10) Phenol	7.32	94	306364	45.72	ng	90
11) bis(2-Chloroethyl)ether	7.38	93	239291	43.26	ng	98
12) 1,3-Dichlorobenzene	7.65	146	288473	42.16	ng	97
13) 1,4-Dichlorobenzene	7.77	146	292324	42.13	ng	96
14) 1,2-Dichlorobenzene	8.01	146	270642	41.78	ng	95
15) Benzyl Alcohol	8.04	79	178335	43.60	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.23	45	326898	41.75	ng	97
17) 2-Methylphenol	8.26	107	208627	42.26	ng	99
18) Hexachloroethane	8.52	117	72935	31.03	ng	# 85
19) n-Nitroso-di-n-propylamine	8.45	70	178362	41.47	ng	95
20) 3+4-Methylphenols	8.52	107	265983	39.65	ng	# 58
22) Acetophenone	8.42	105	349906	42.24	ng	# 85
24) Nitrobenzene	8.68	77	238860	41.62	ng	94
25) Isophorone	9.08	82	411417	42.08	ng	95
26) 2-Nitrophenol	9.19	139	93031	30.04	ng	94
27) 2,4-Dimethylphenol	9.33	122	213591	42.66	ng	99
28) bis(2-Chloroethoxy)methane	9.44	93	288594	42.67	ng	99
29) 2,4-Dichlorophenol	9.63	162	178655	37.79	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	209247	41.32	ng	99
31) Naphthalene	9.80	128	711972	41.03	ng	99
32) Benzoic acid	9.63	122	58043	20.87	ng	93
33) 4-Chloroaniline	9.94	127	276403	42.74	ng	# 92
34) Hexachlorobutadiene	10.01	225	109428	40.95	ng	97
35) Caprolactam	10.57	113	55572	39.15	ng	93
36) 4-Chloro-3-methylphenol	10.81	107	200011	39.57	ng	89
37) 2-Methylnaphthalene	10.92	142	462132	40.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	185756	42.59	ng	98
40) Hexachlorocyclopentadiene	11.18	237	2811	7.47	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	118495	40.69	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	116594	37.25	nq	96
45) 1,1'-Biphenyl	11.69	154	530436	44.42	nq	98
46) 2-Chloronaphthalene	11.71	162	404055	41.90	nq	96
47) 2-Nitroaniline	11.94	65	114067	43.22	nq	# 82
48) Acenaphthylene	12.37	152	587236	38.88	nq	98
49) Dimethylphthalate	12.24	163	497645	42.74	nq	98
50) 2,6-Dinitrotoluene	12.34	165	85707	36.08	nq	93
51) Acenaphthene	12.65	154	362178	40.15	nq	98
52) 3-Nitroaniline	12.62	138	111528	43.74	nq	87
54) Dibenzofuran	12.94	168	492556	39.46	nq	97
55) 4-Nitrophenol	13.09	139	36356	23.74	nq	# 71
56) 2,4-Dinitrotoluene	13.02	165	99512	32.60	nq	# 94
57) Fluorene	13.49	166	421170	38.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	75446	38.30	nq	# 93
59) Diethylphthalate	13.38	149	462736	41.46	nq	98
60) 4-Chlorophenyl-phenylether	13.52	204	193189	40.50	nq	90
61) 4-Nitroaniline	13.62	138	86628	37.01	nq	92
62) Azobenzene	13.78	77	346604	38.65	nq	92
64) 4,6-Dinitro-2-methylphenol	13.71	198	9310	5.98	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	360789	42.84	nq	99
66) 4-Bromophenyl-phenylether	14.31	248	103426	42.19	nq	95
67) Hexachlorobenzene	14.39	284	101366	40.35	nq	# 88
68) Atrazine	14.64	200	78679	33.09	nq	95
69) Pentachlorophenol	14.77	266	39024	37.70	nq	93
70) Phenanthrene	15.04	178	536771	40.26	nq	98
71) Anthracene	15.12	178	538786	39.56	nq	97
72) Carbazole	15.41	167	507886	40.99	nq	98
73) Di-n-butylphthalate	15.97	149	688216	44.54	nq	99
74) Fluoranthene	16.79	202	585762	42.83	nq	98
76) Benzidine	17.02	184	448502	77.33	nq	# 93
77) Pyrene	17.09	202	607067	40.13	nq	99
79) Butylbenzylphthalate	17.98	149	299945	42.63	nq	# 86
80) Benzo(a)anthracene	18.67	228	464168	39.43	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	169332	41.65	nq	# 93
82) Chrysene	18.72	228	453225	39.82	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	415981	41.50	nq	# 99
84) Di-n-octyl phthalate	19.49	149	714333	43.46	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	317004	34.30	nq	99
87) Benzo(b)fluoranthene	19.95	252	377664	41.67	nq	98
88) Benzo(k)fluoranthene	19.98	252	362781m	41.50	nq	
89) Benzo(a)pyrene	20.30	252	334111	39.96	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	270025	39.10	nq	97
91) Benzo(g,h,i)perylene	22.08	276	276006	40.73	nq	100

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

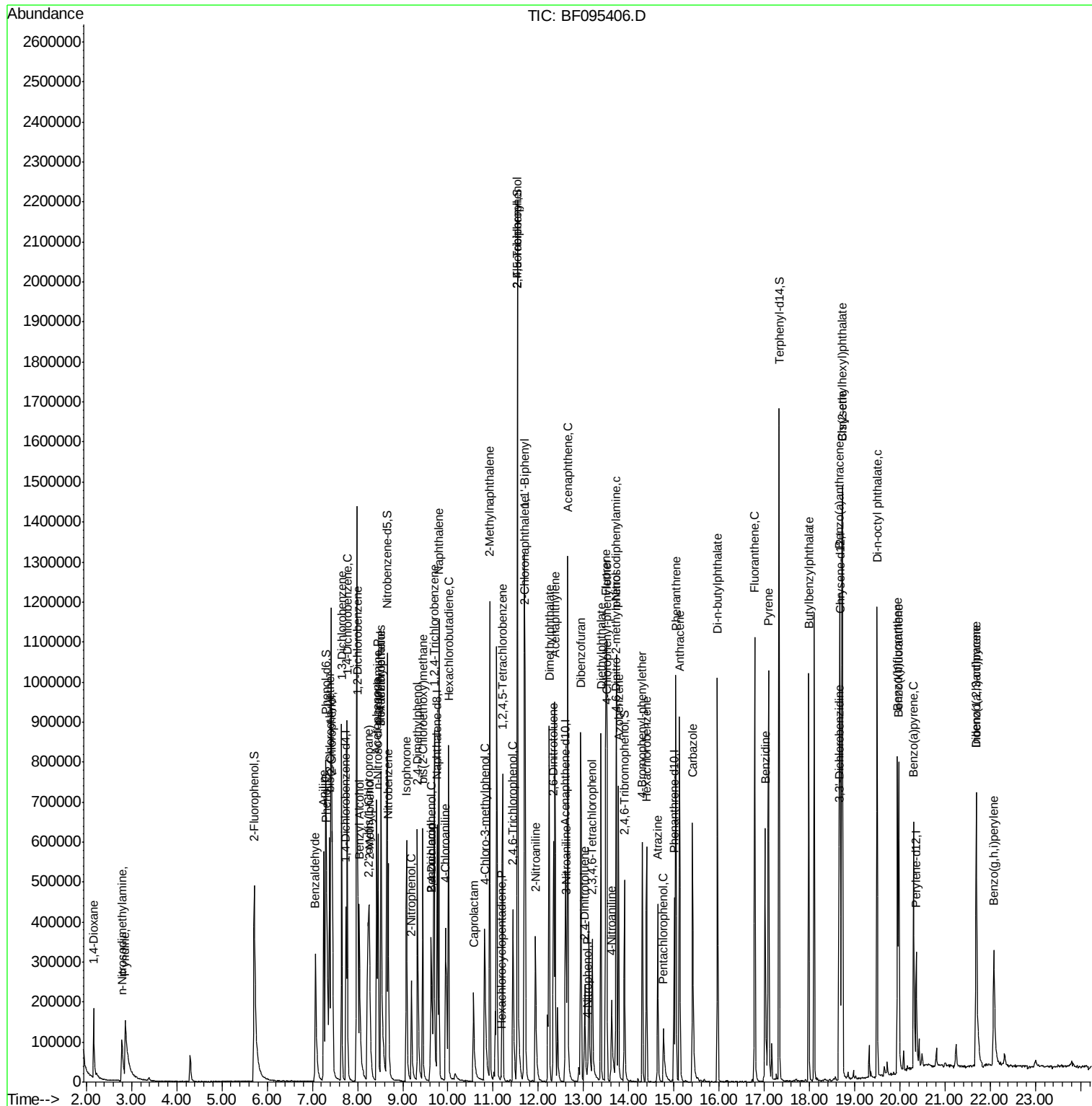
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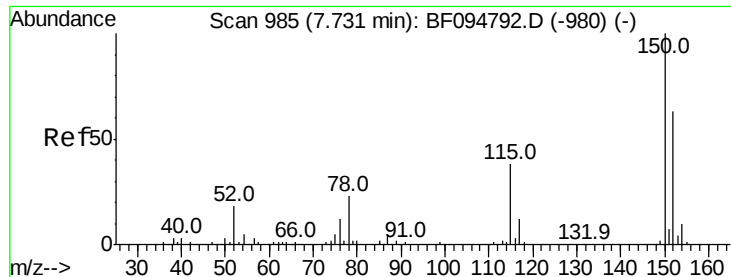
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

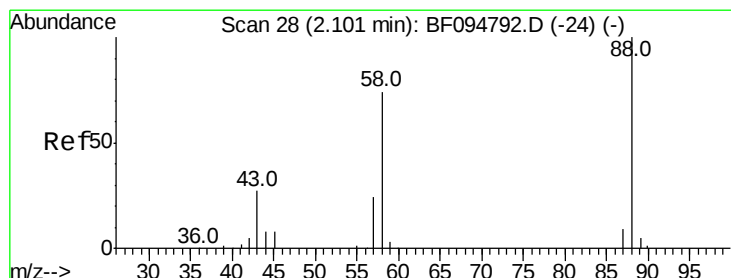
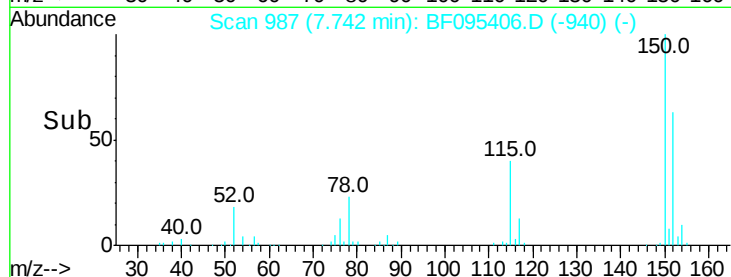
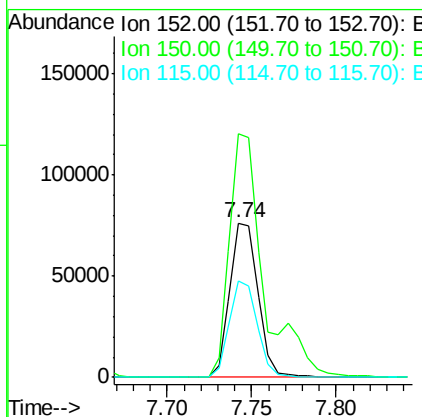
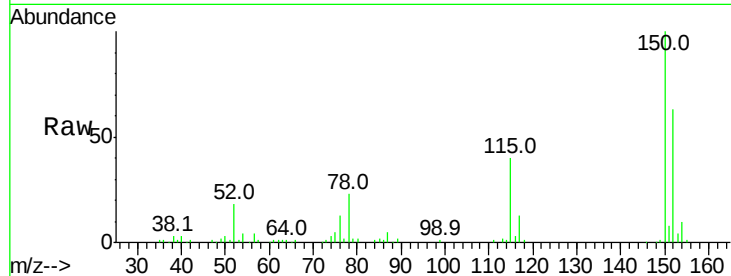
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	62.5	52.2	78.2

Manual Integrations
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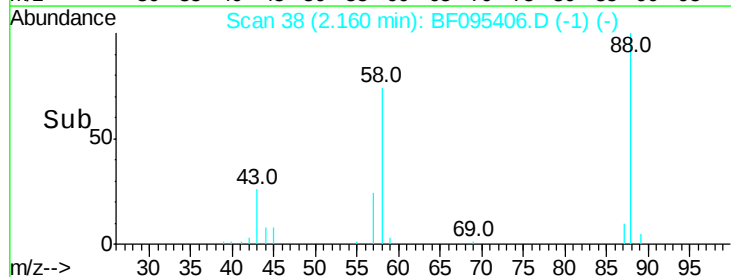
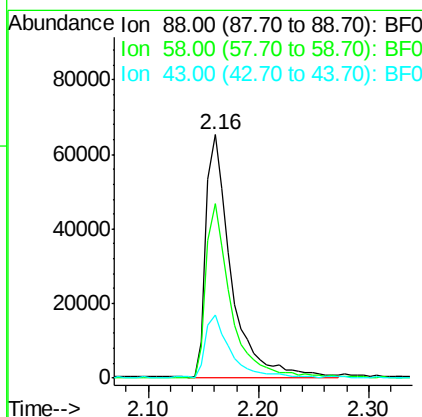
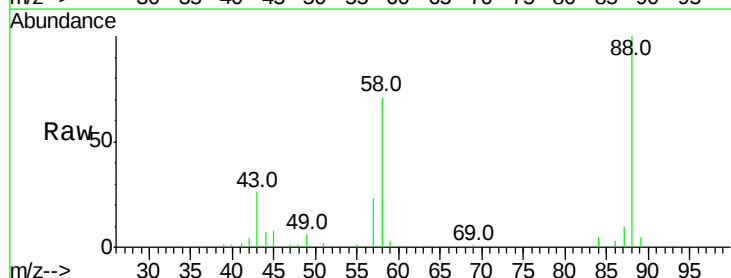
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#2

1,4-Dioxane
Concen: 39.65 ng
RT: 2.16 min Scan# 38
Delta R.T. -0.07 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	61.4	92.0
43	26.5	23.4	35.0





#3

Pvridine

Concen: 37.78 ng

RT: 2.86 min Scan# 157

Delta R.T. -0.06 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

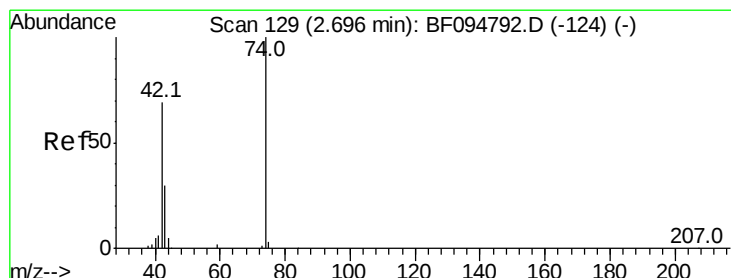
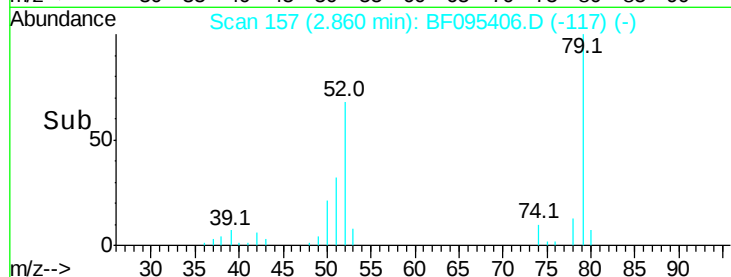
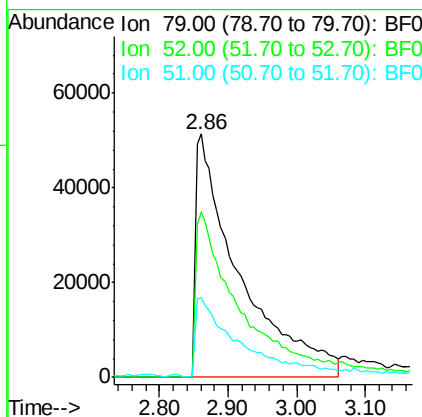
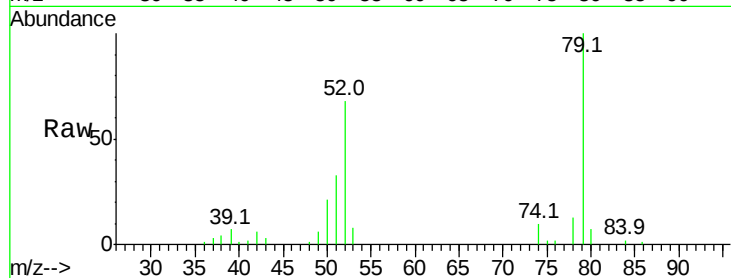
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	227559
Ion Ratio	Lower	Upper	
79	100		
52	68.1	54.8	82.2
51	32.8	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.94 ng

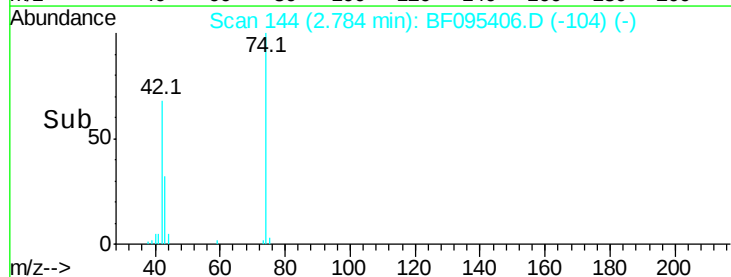
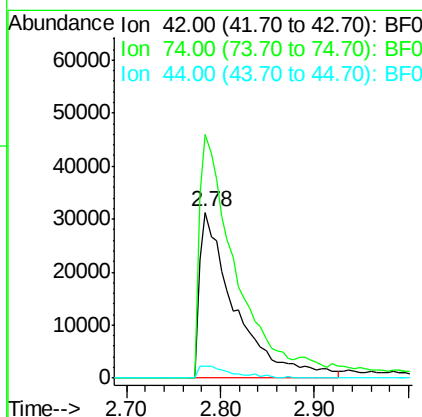
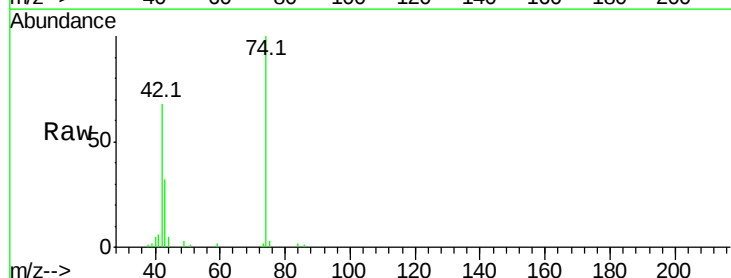
RT: 2.78 min Scan# 144

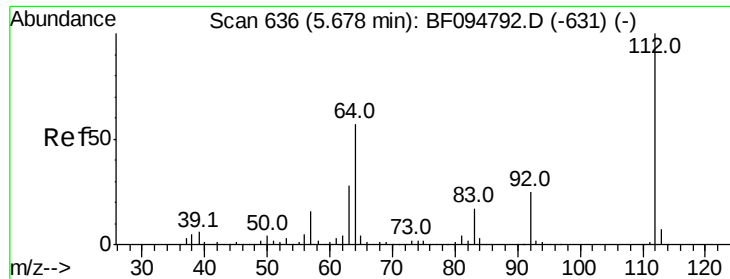
Delta R.T. -0.06 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:	42	Resp:	82717
Ion Ratio	Lower	Upper	
42	100		
74	147.1	103.9	155.9
44	7.0	5.7	8.5





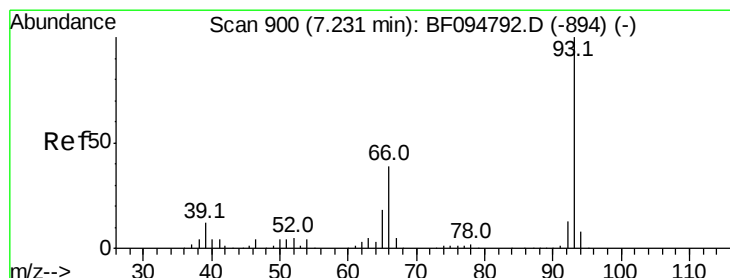
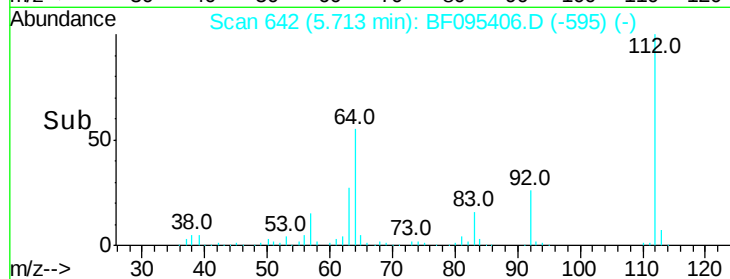
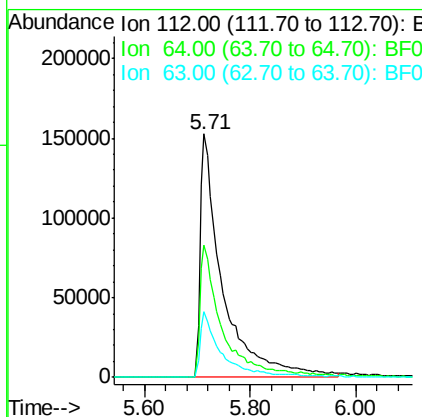
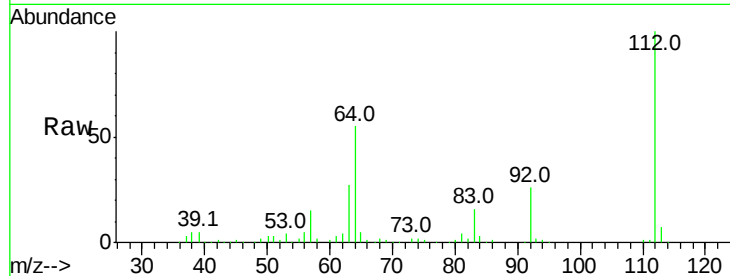
#5
2-Fluorophenol
Concen: 85.06 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

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BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.0	23.4	35.0

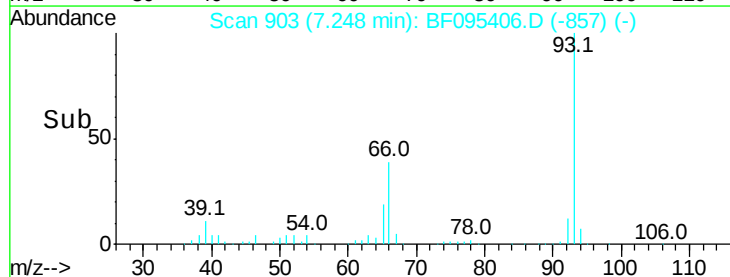
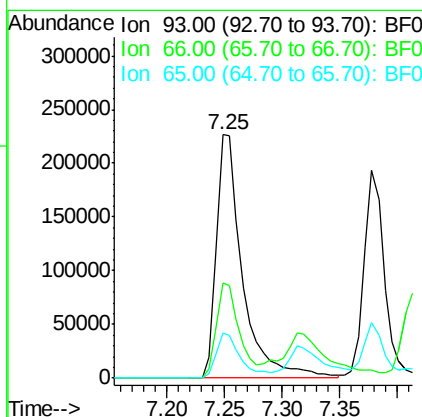
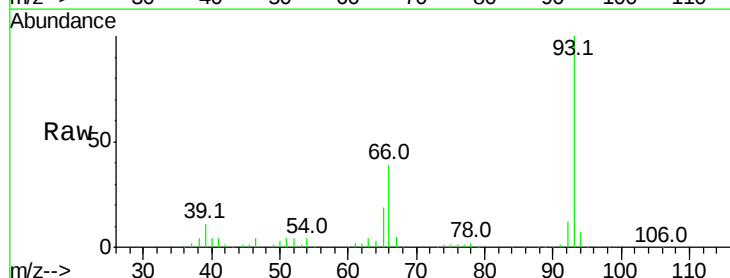
Manual Integrations
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#6
Aniline
Concen: 44.22 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.03 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.9	32.9	49.3
65	18.8	16.0	24.0





#7

Phenol-d6

Concen: 84.75 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

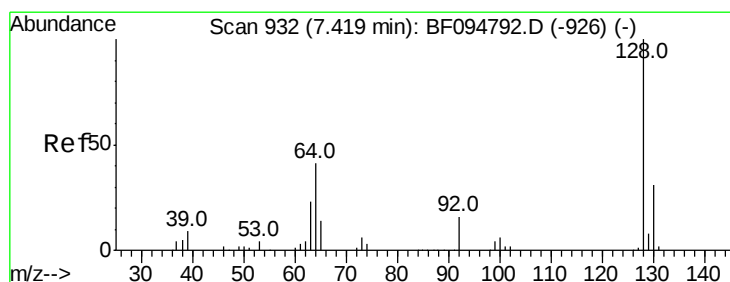
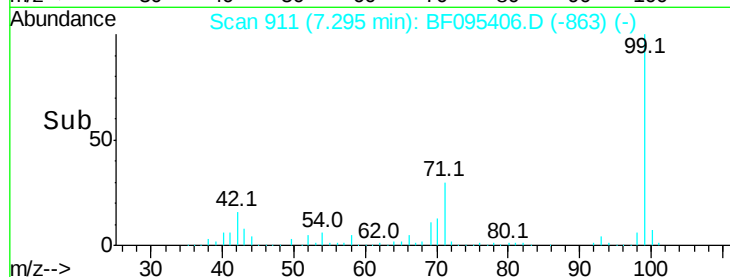
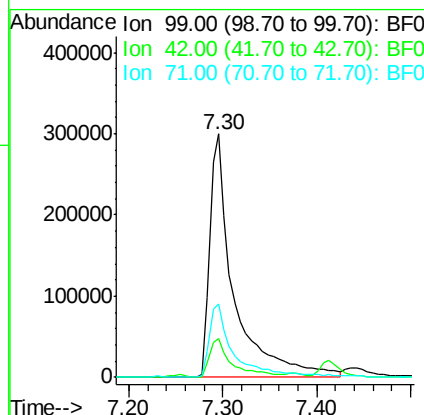
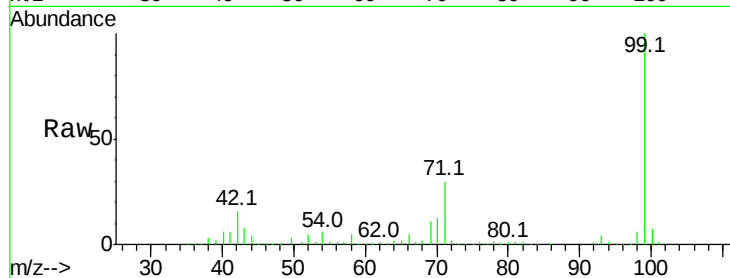
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		538911		
42	15.8	13.5	20.3		
71	30.0	24.5	36.7		

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#8

2-Chlorophenol

Concen: 42.66 ng

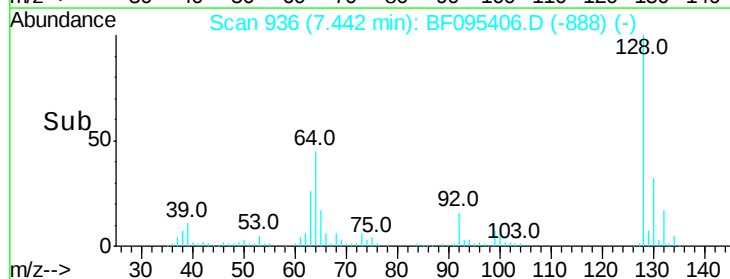
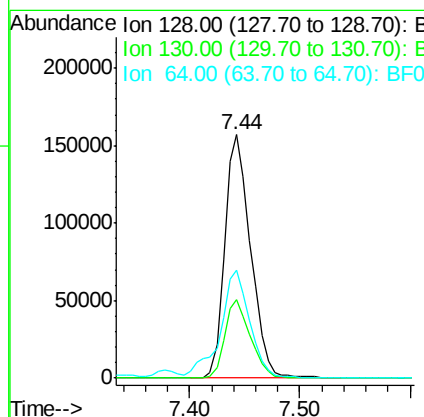
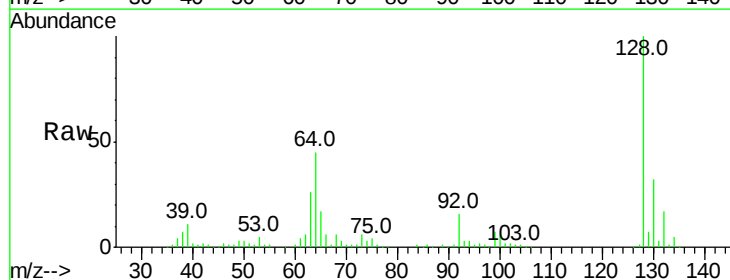
RT: 7.44 min Scan# 936

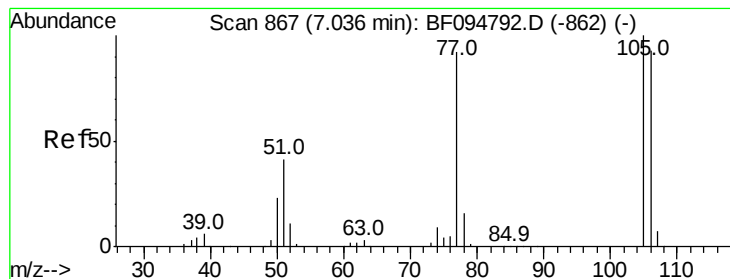
Delta R.T. -0.02 min

Lab File: BF095406.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		257350		
130	32.3	12.9	52.9		
64	44.6	28.4	68.4		





#9

Benzaldehyde

Concen: 38.17 ng

RT: 7.07 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

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BNA_F

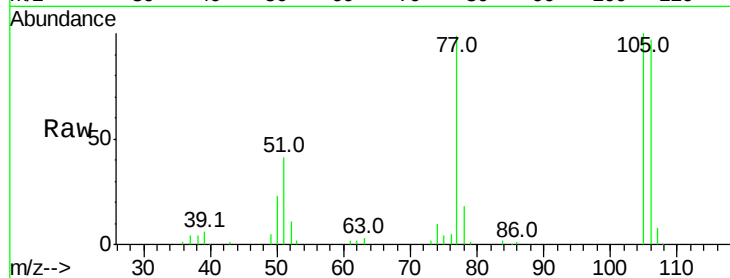
ClientSampleId :

SSTDCCC040

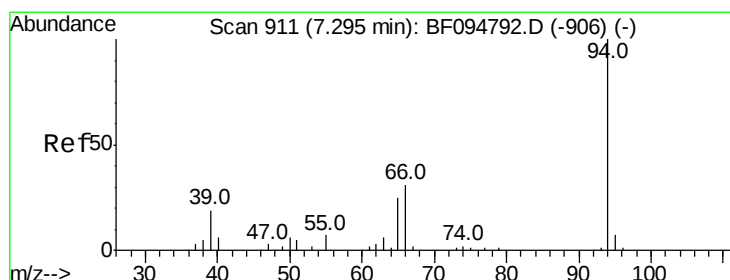
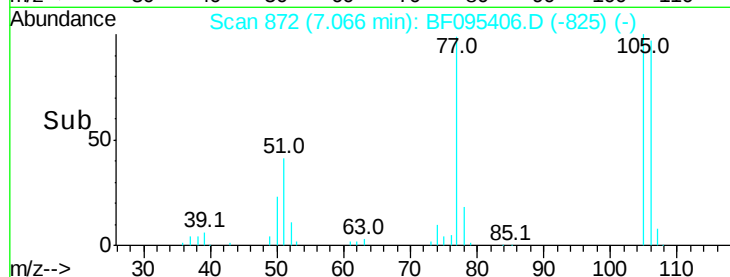
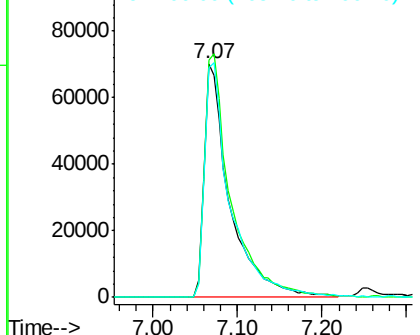
Tot Ion:	77	Resp:	148193
Ion	Ratio	Lower	Upper
77	100		
105	101.5	83.8	123.8
106	98.1	79.1	119.1

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.72 ng

RT: 7.32 min Scan# 915

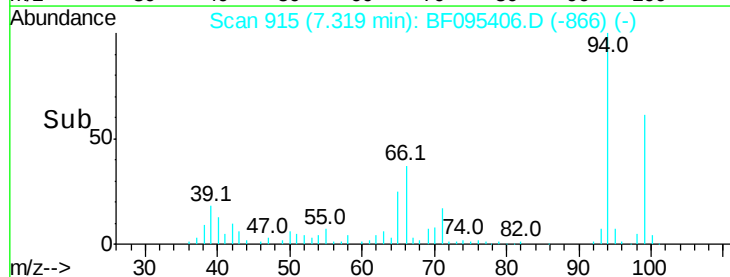
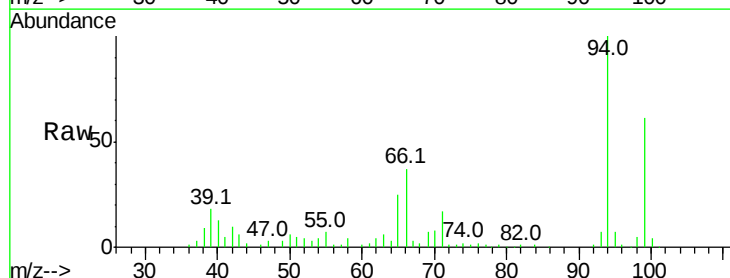
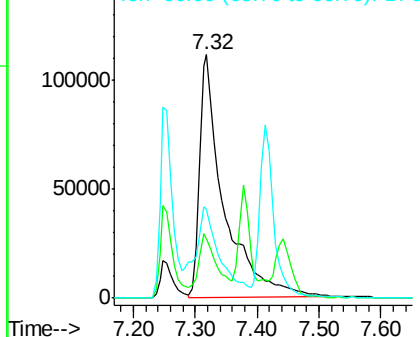
Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:	94	Resp:	306364
Ion	Ratio	Lower	Upper
94	100		
65	24.6	9.9	49.9
66	36.6	23.1	63.1

Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.26 ng

RT: 7.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

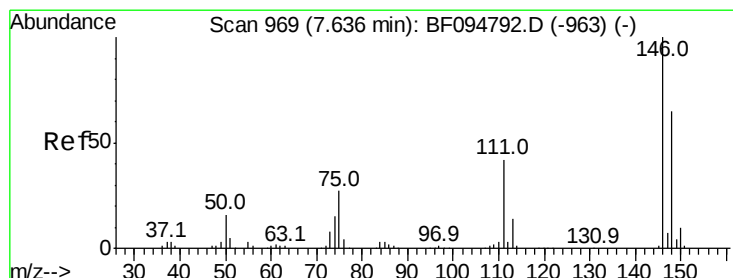
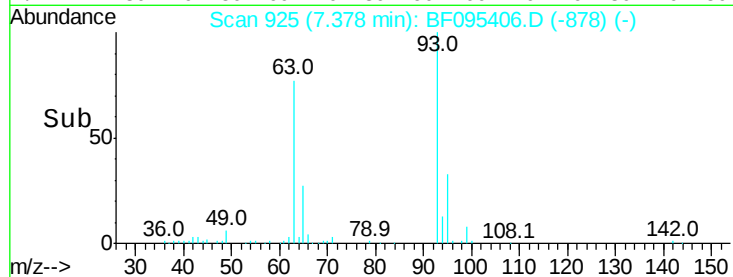
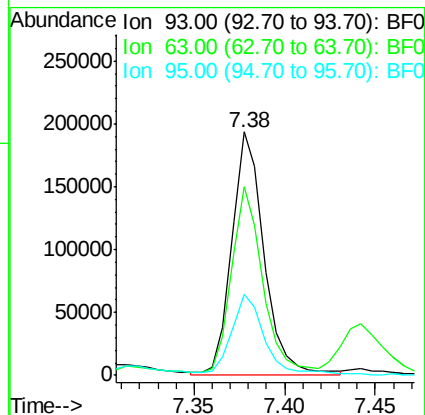
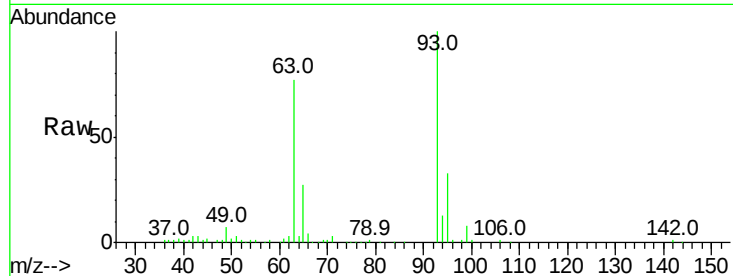
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	239291
Ion Ratio	Lower	Upper	
93	100		
63	77.4	59.2	99.2
95	33.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.16 ng

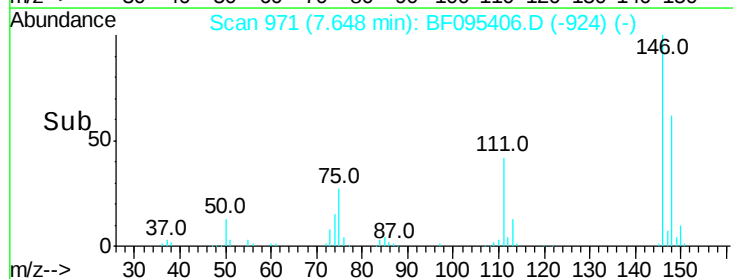
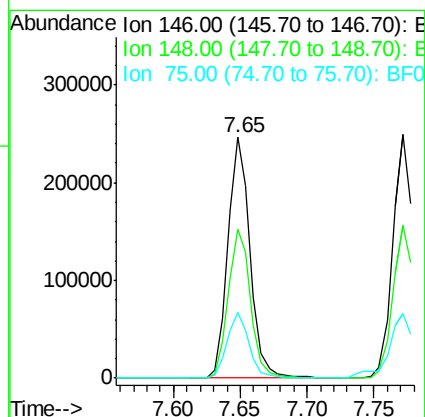
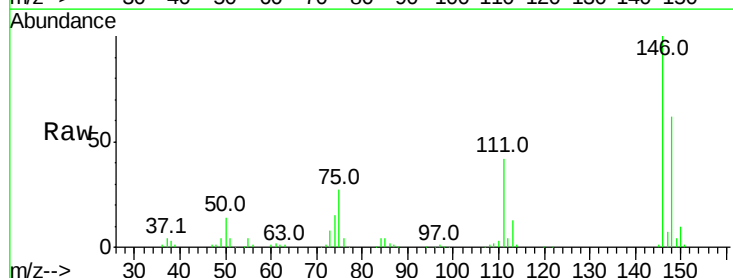
RT: 7.65 min Scan# 971

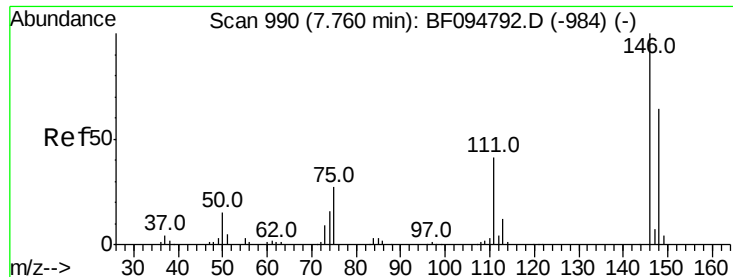
Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:	146	Resp:	288473
Ion Ratio	Lower	Upper	
146	100		
148	61.9	51.8	77.6
75	27.4	23.1	34.7





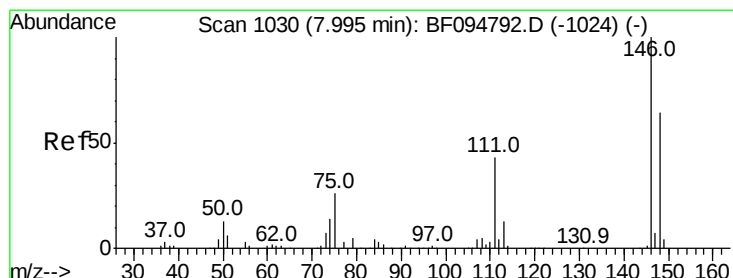
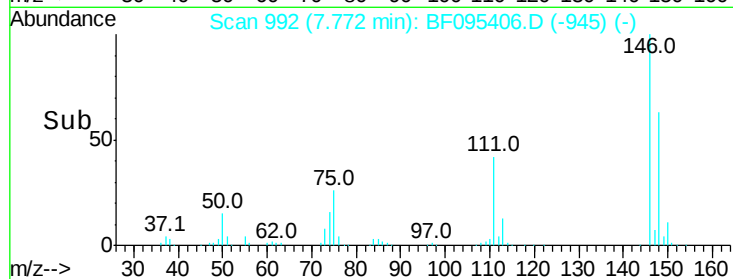
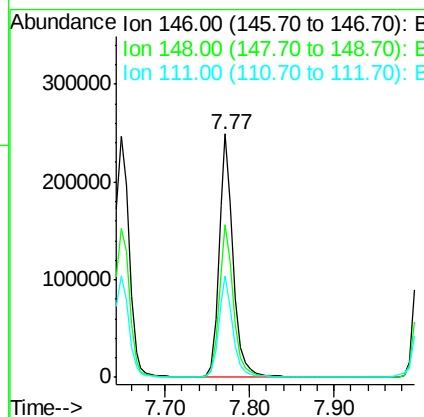
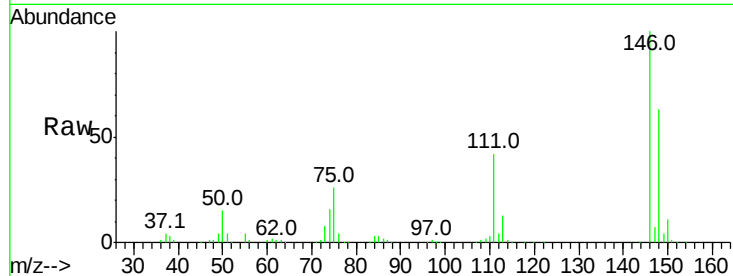
#13
 1,4-Dichlorobenzene
 Concen: 42.13 ng
 RT: 7.77 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	41.7	30.3	45.5

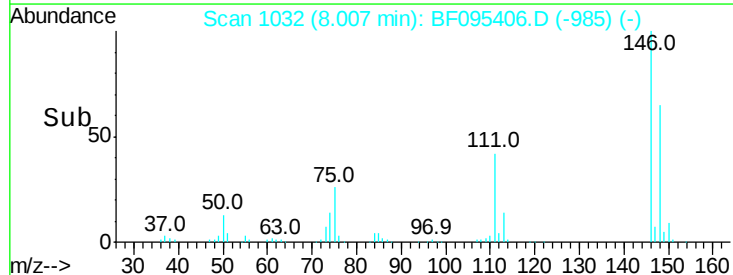
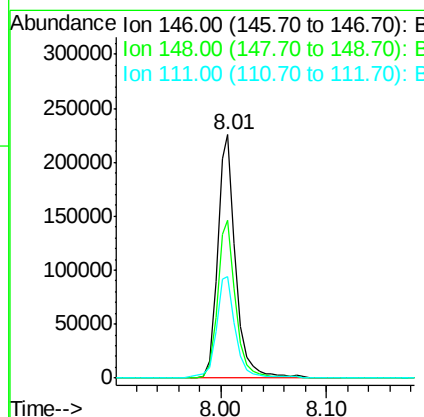
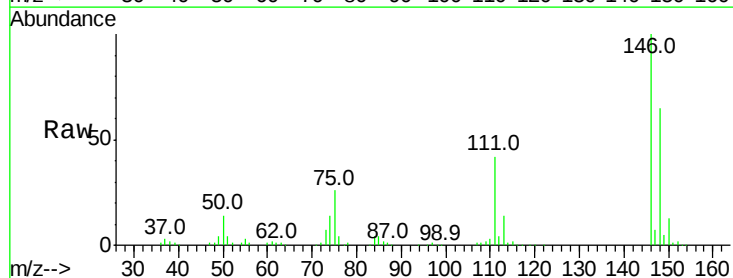
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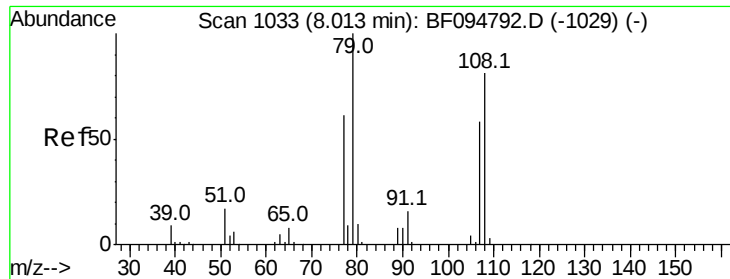
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#14
 1,2-Dichlorobenzene
 Concen: 41.78 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
111	41.6	38.2	57.4





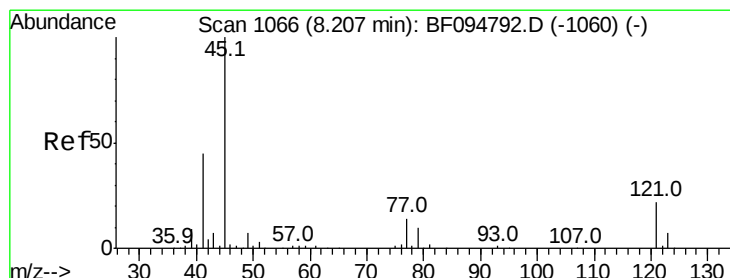
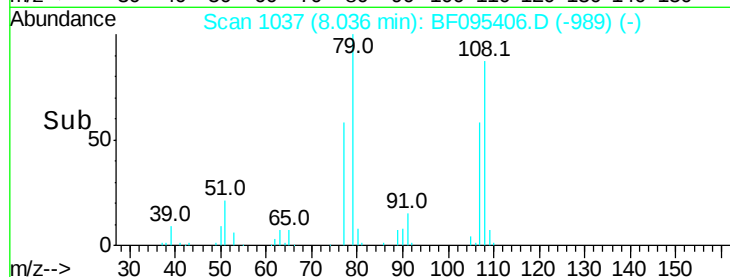
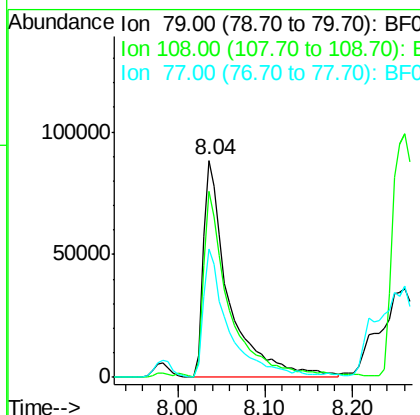
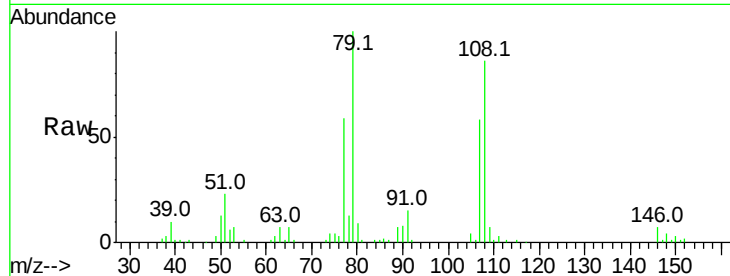
#15
Benzyl Alcohol
Concen: 43.60 ng
RT: 8.04 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100	178335		
108	85.6	63.4	95.0	
77	59.1	49.2	73.8	

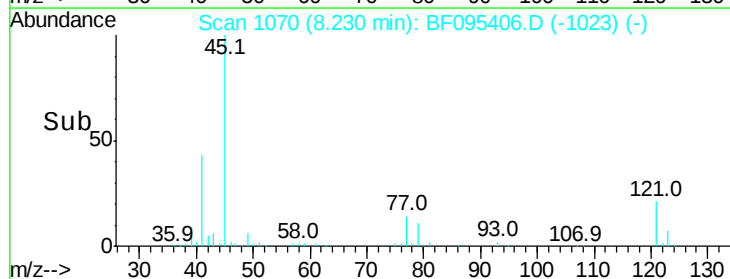
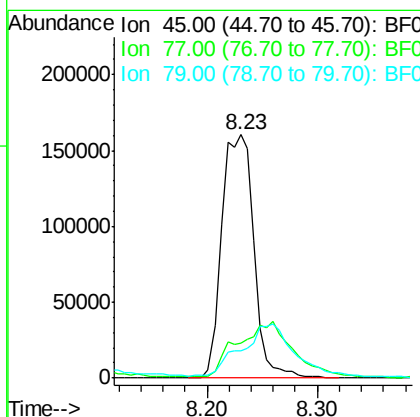
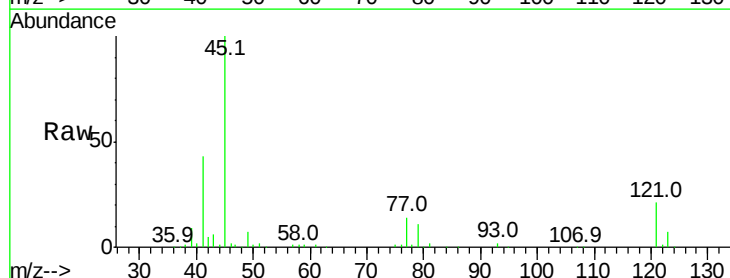
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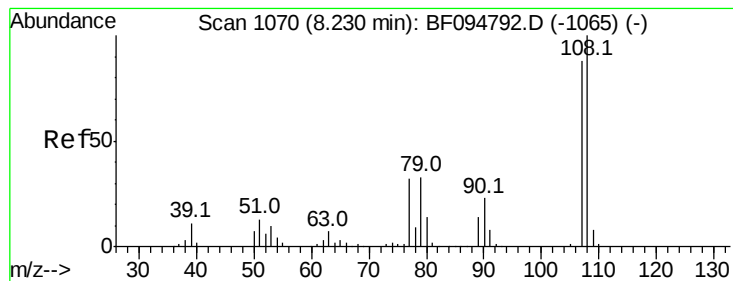
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.75 ng
RT: 8.23 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	326898		
77	14.4	0.0	33.2	
79	11.2	0.0	30.0	





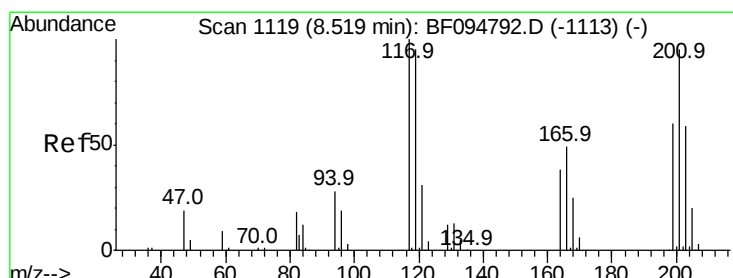
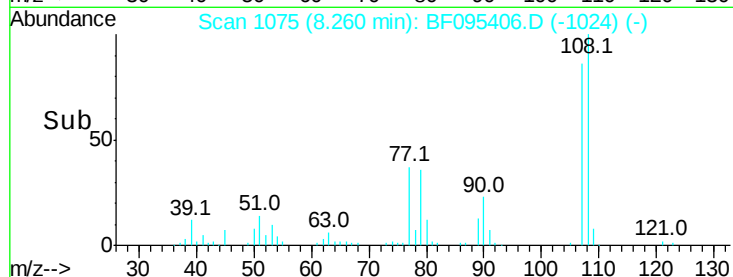
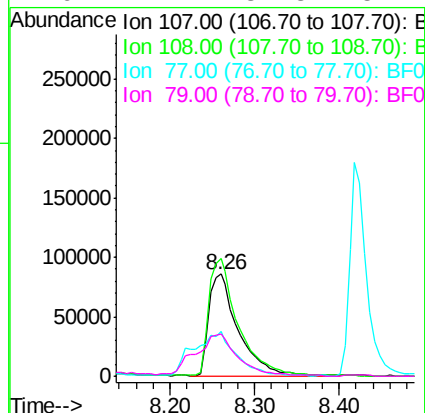
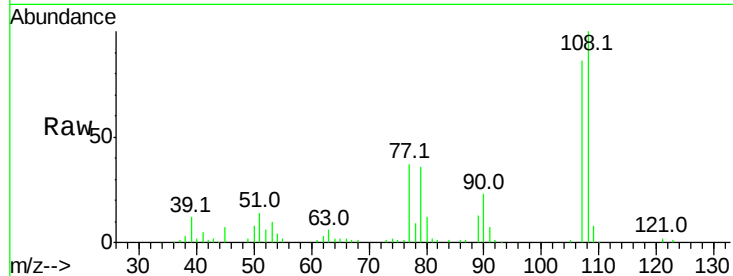
#17
 2-Methylphenol
 Concen: 42.26 ng
 RT: 8.26 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	115.8	93.4	140.0	
77	77	43.4	35.8	53.6	
79	79	42.1	34.8	52.2	

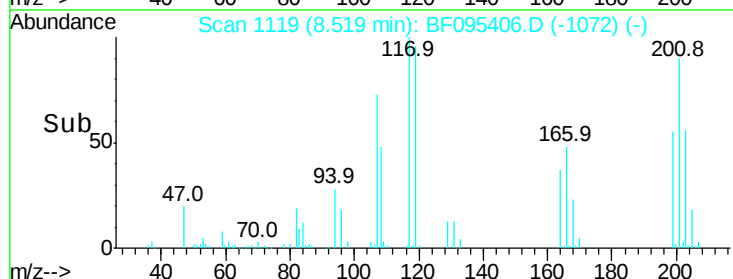
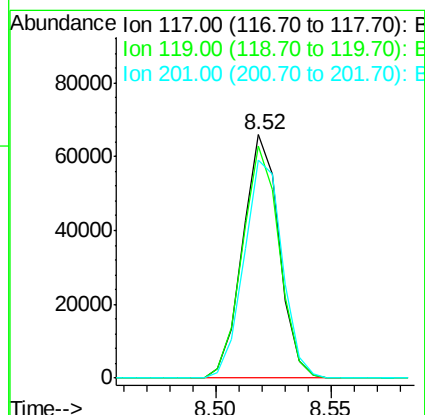
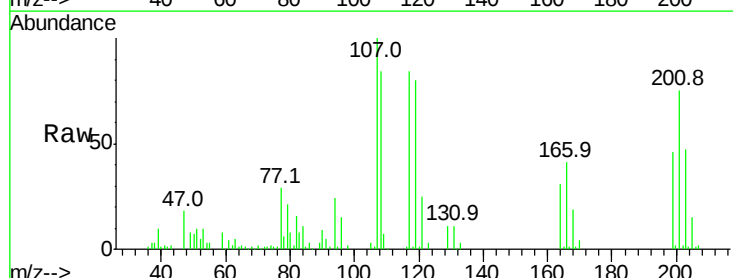
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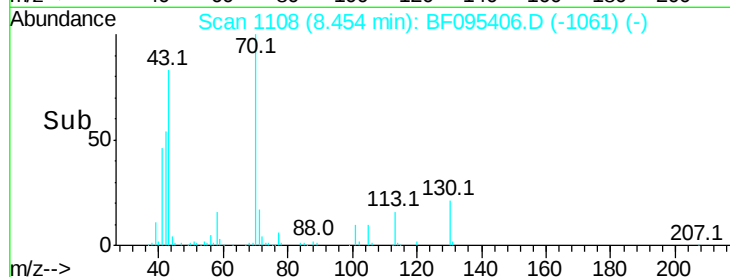
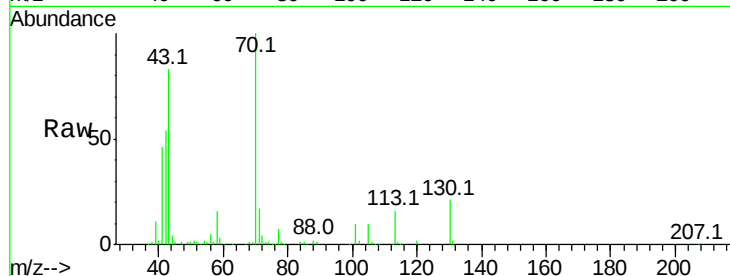
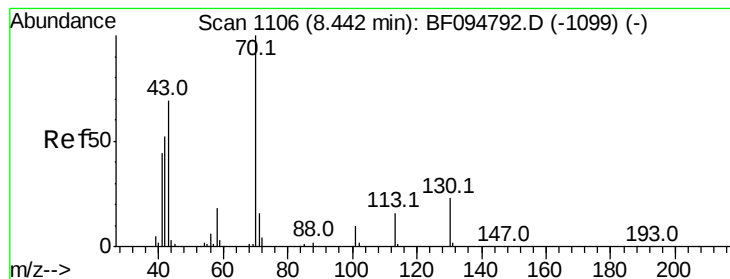
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#18
 Hexachloroethane
 Concen: 31.03 ng
 RT: 8.52 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.6	77.4	116.0	
201	201	89.6	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 41.47 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 178362

Ion Ratio Lower Upper

70 100

42 54.0 47.2 70.8

101 9.9 7.2 10.8

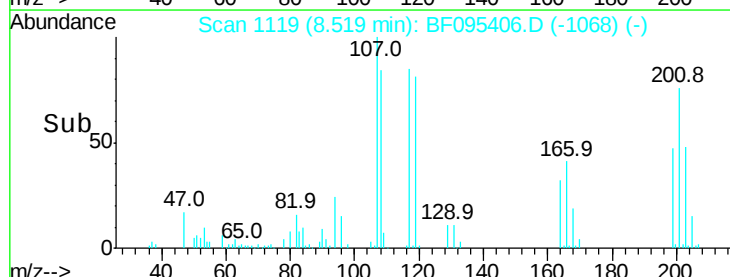
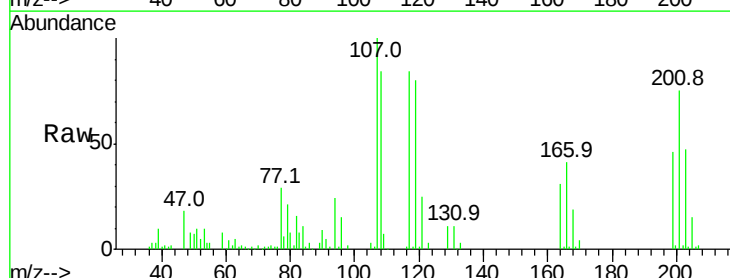
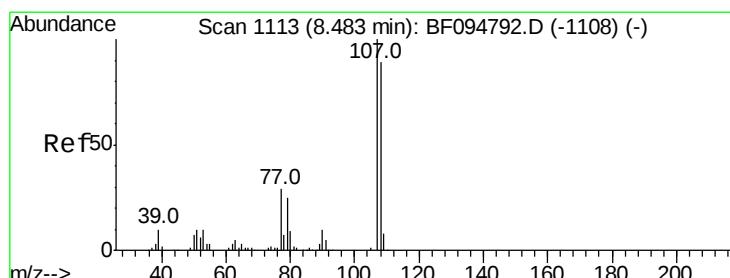
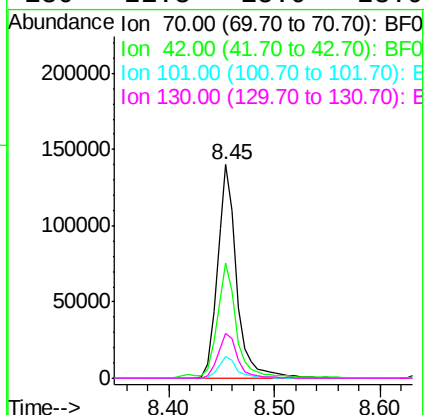
130 21.3 15.9 23.9

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#20

3+4-Methylphenols

Concen: 39.65 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion: 107 Resp: 265983

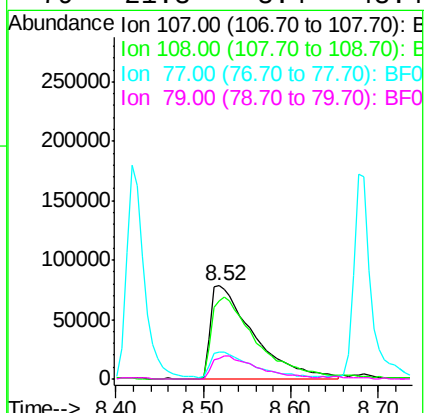
Ion Ratio Lower Upper

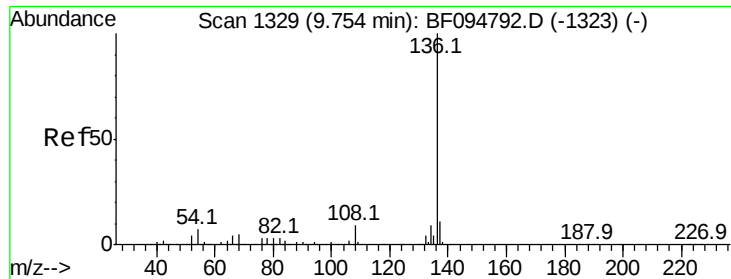
107 100

108 83.9 71.0 111.0

77 28.9 90.5 130.5#

79 21.3 8.4 48.4





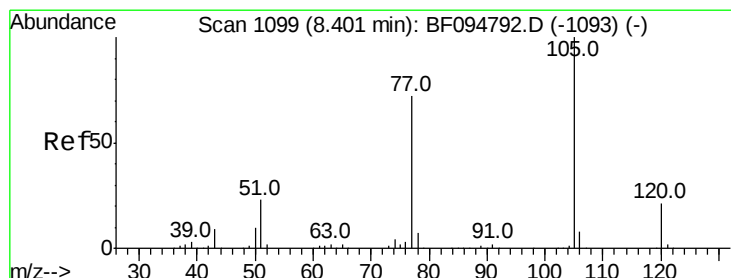
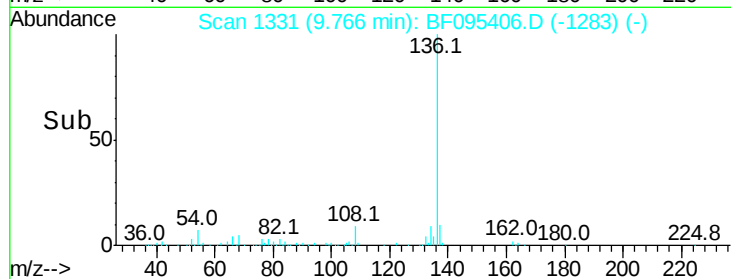
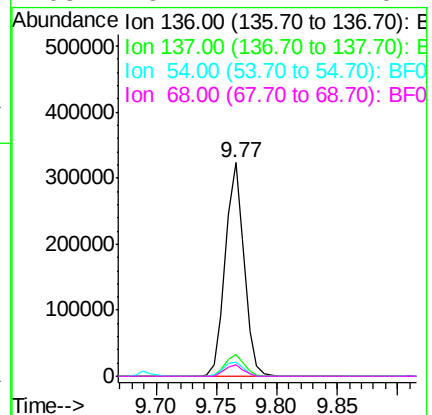
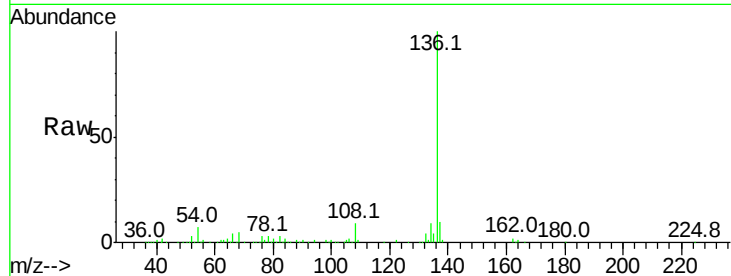
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.5	12.7	
54	6.8	4.9	7.3	
68	5.1	4.1	6.1	

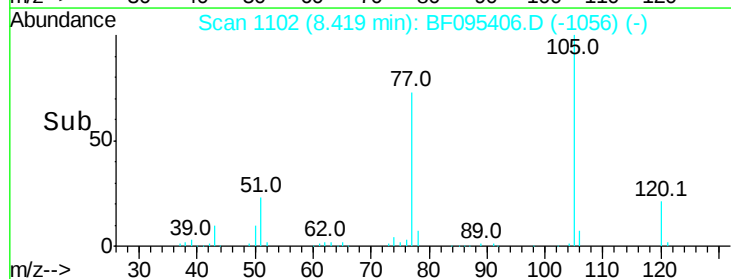
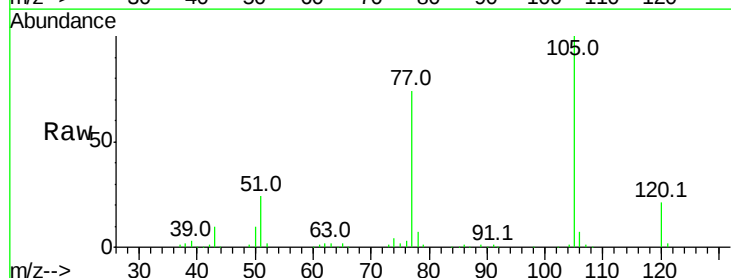
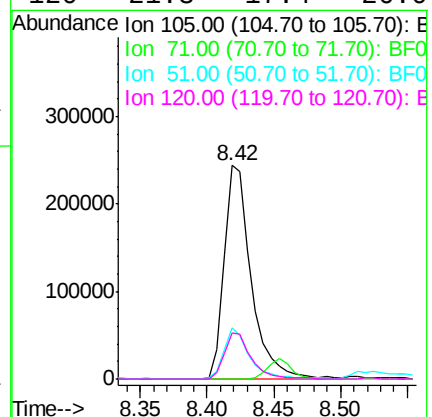
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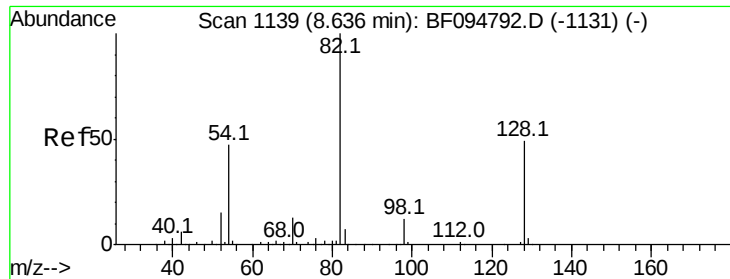
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#22
Acetophenone
Concen: 42.24 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.03 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	24.0	30.7	46.1#	
120	21.3	17.4	26.0	





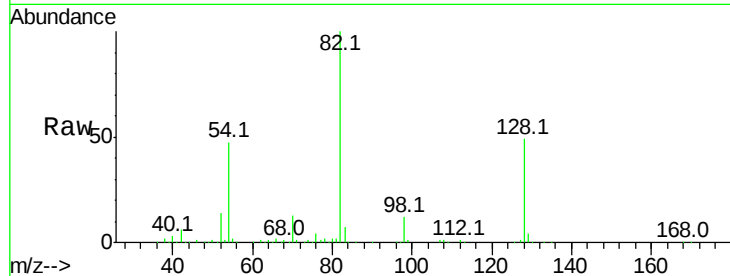
#23
 Nitrobenzene-d5
 Concen: 81.20 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

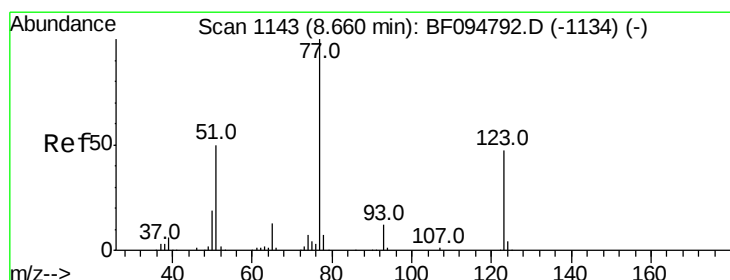
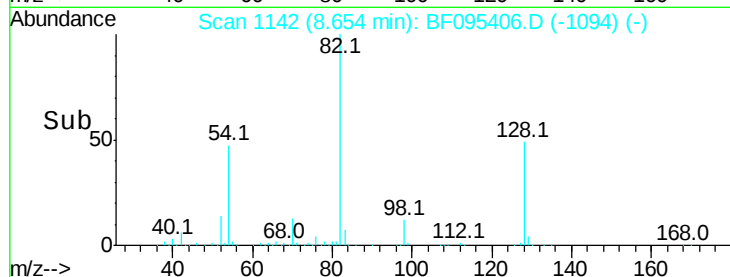
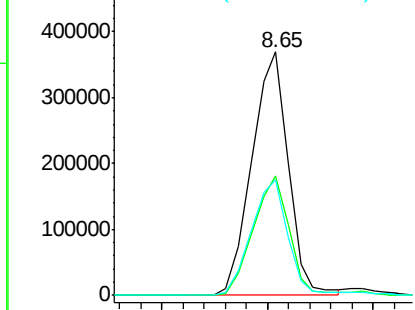
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	47.3	42.2	63.2

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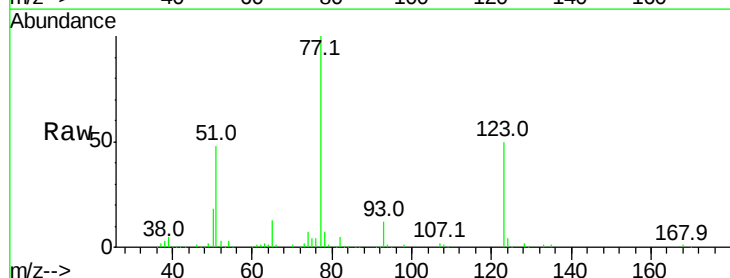


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

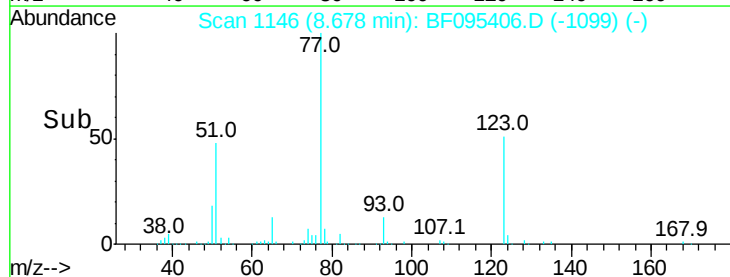
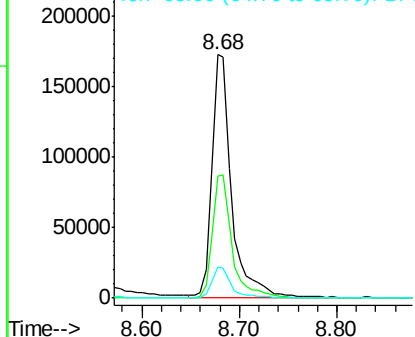


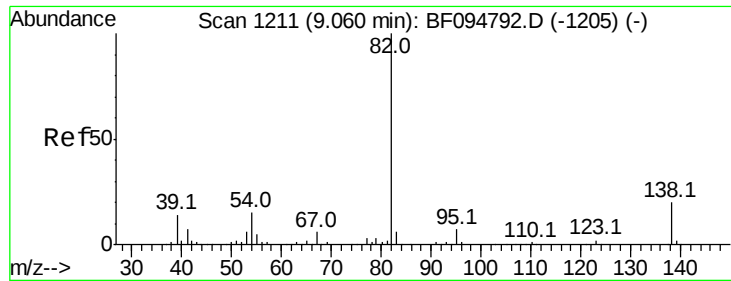
#24
 Nitrobenzene
 Concen: 41.62 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	35.8	53.8
65	12.9	10.6	15.8



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





#25

Isophorone

Concen: 42.08 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

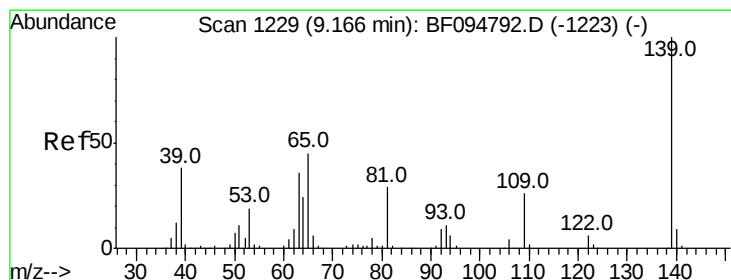
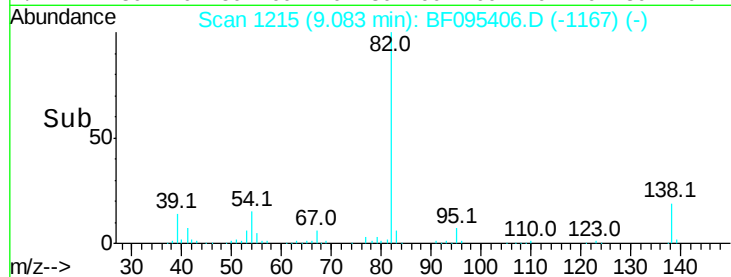
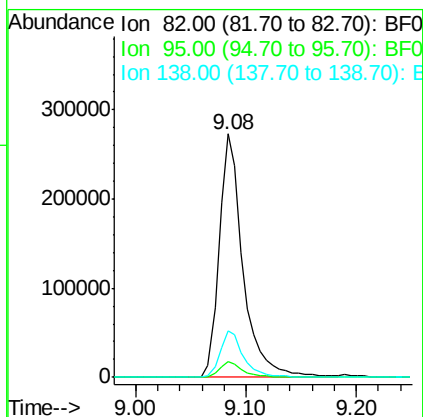
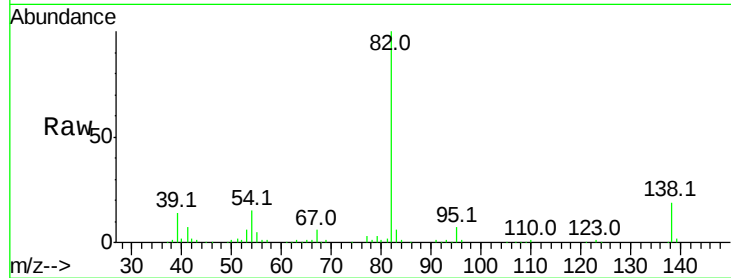
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	411417
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	19.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 30.04 ng

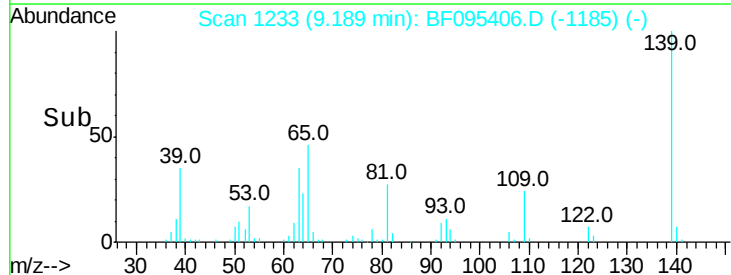
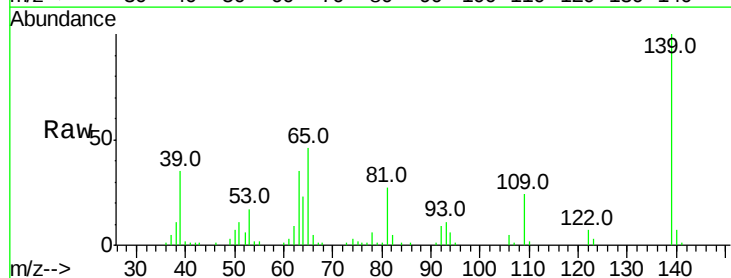
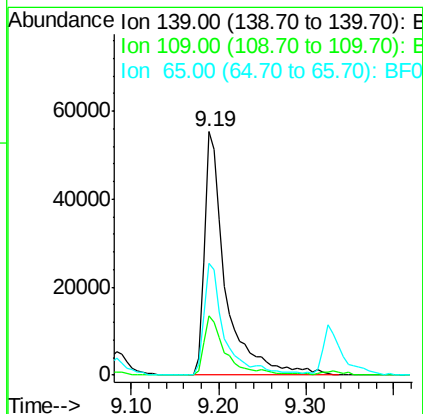
RT: 9.19 min Scan# 1233

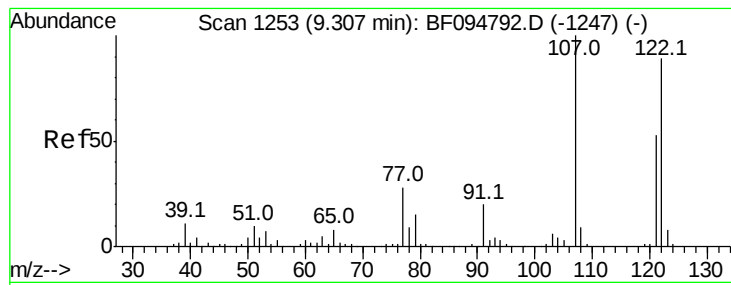
Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:	139	Resp:	93031
Ion Ratio	Lower	Upper	
139	100		
109	24.3	21.0	31.6
65	46.1	33.0	49.6





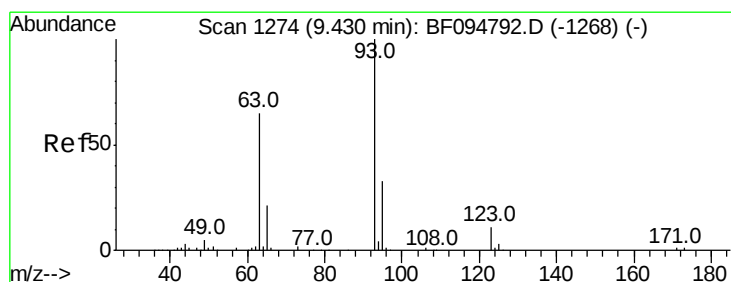
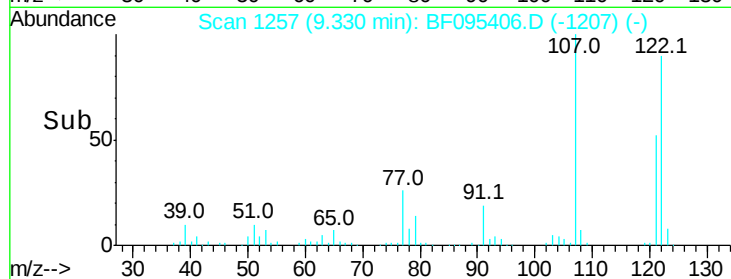
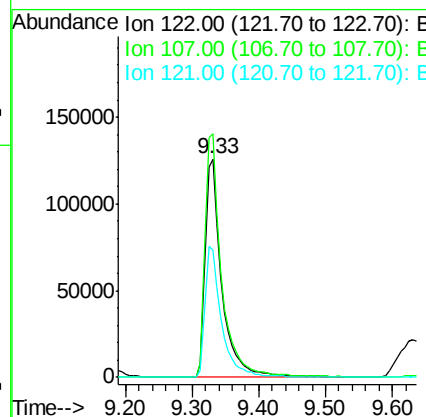
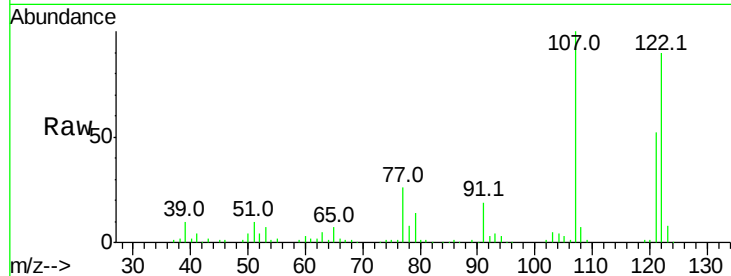
#27
 2,4-Dimethylphenol
 Concen: 42.66 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	122	Resp:	213591
Ion Ratio	Lower	Upper	
122	100		
107	111.4	89.2	133.8
121	58.5	45.2	67.8

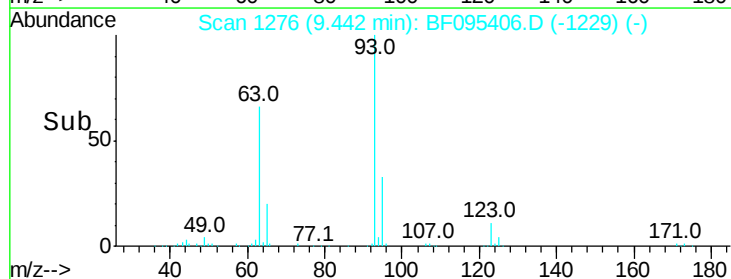
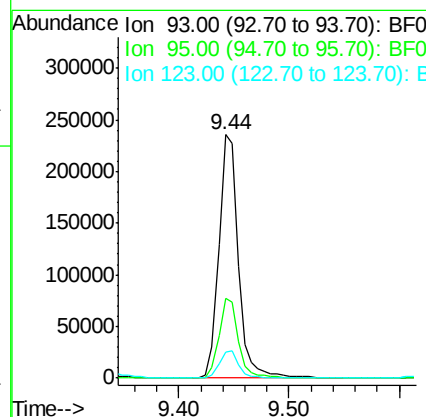
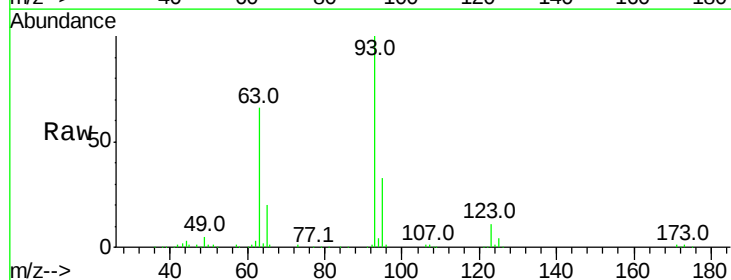
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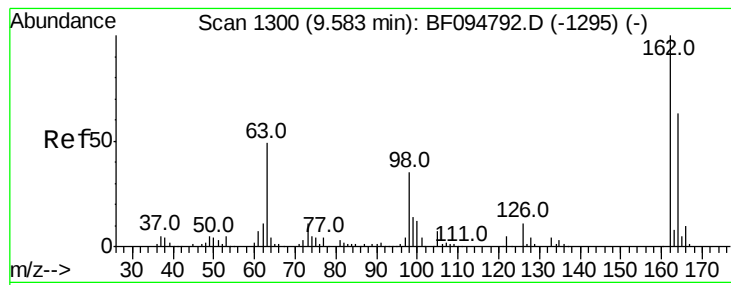
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.67 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion:	93	Resp:	288594
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	10.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 37.79 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

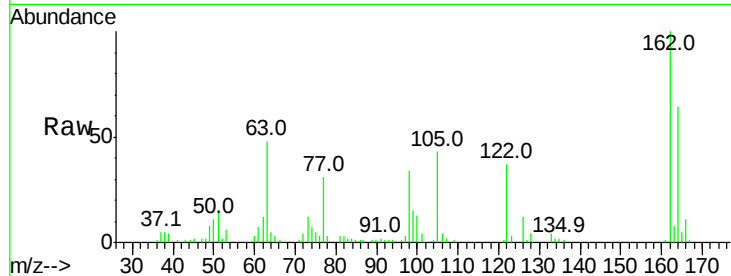
ClientSampleId :

SSTDCCC040

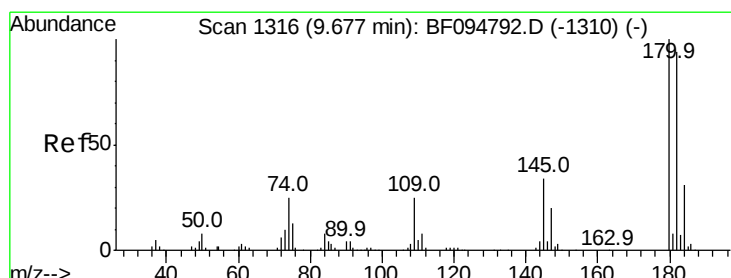
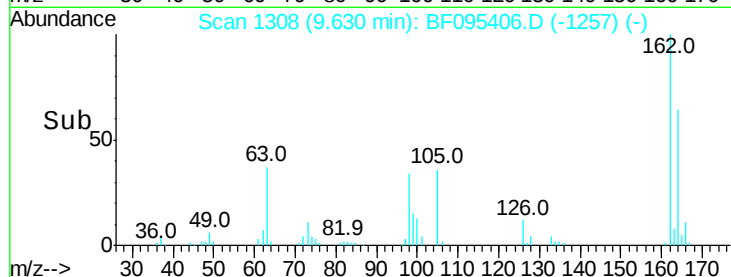
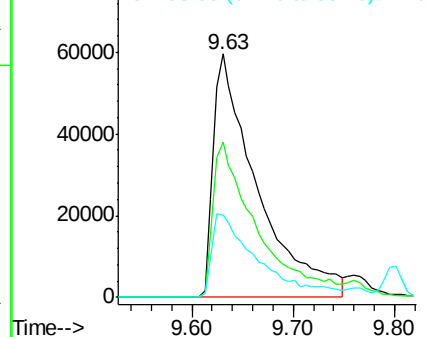
Tot Ion:	162	Resp:	178655
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	34.0	14.8	54.8

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



#30

1,2,4-Trichlorobenzene

Concen: 41.32 ng

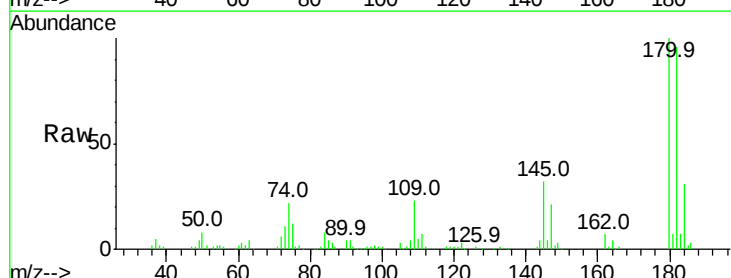
RT: 9.70 min Scan# 1319

Delta R.T. -0.02 min

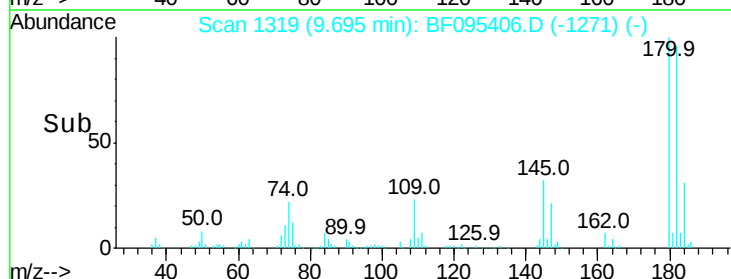
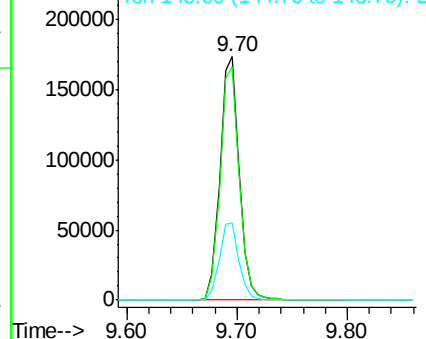
Lab File: BF095406.D

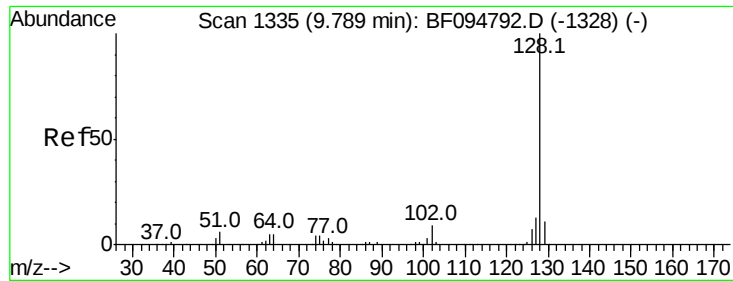
Acq: 25 May 2017 3:51

Tgt Ion:	180	Resp:	209247
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.8	113.6
145	31.9	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





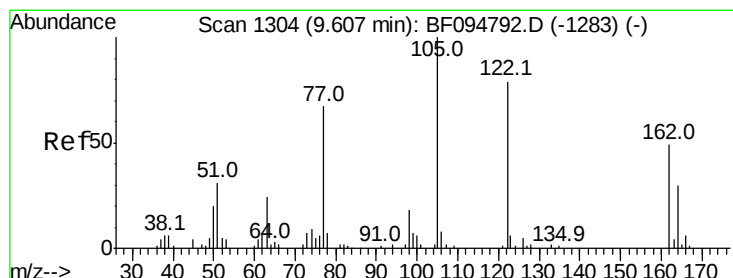
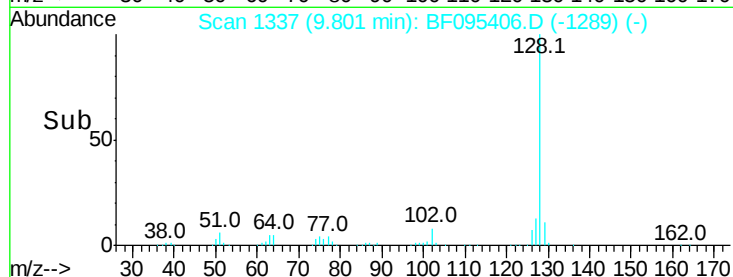
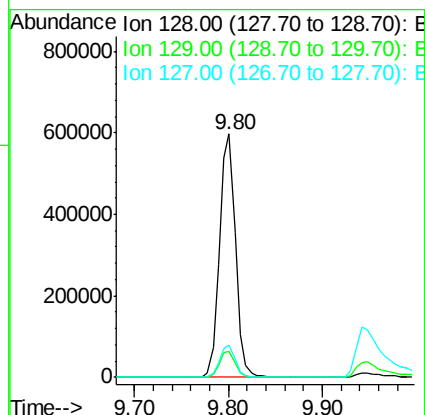
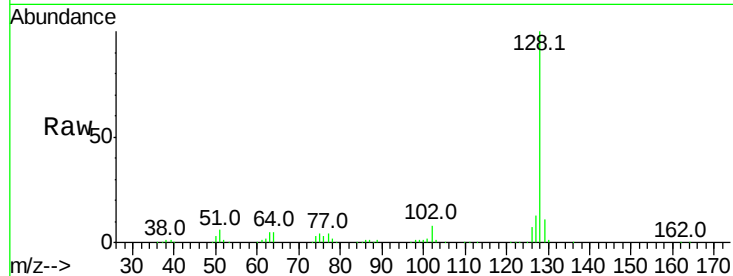
#31
Naphthalene
Concen: 41.03 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.1	10.8	16.2

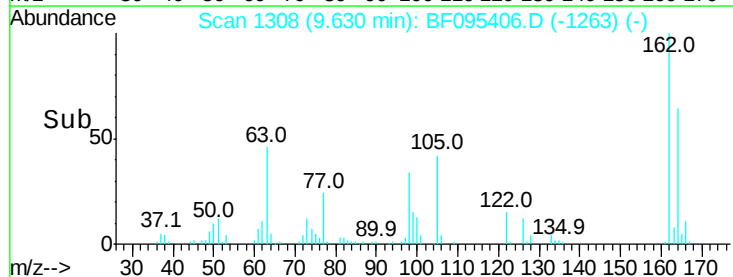
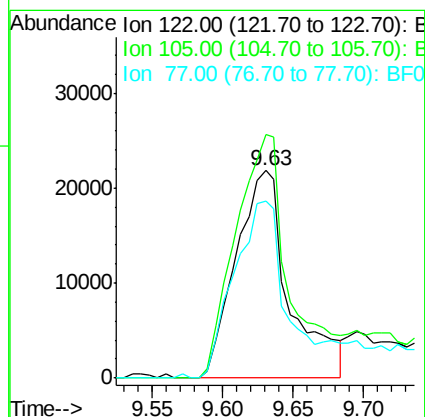
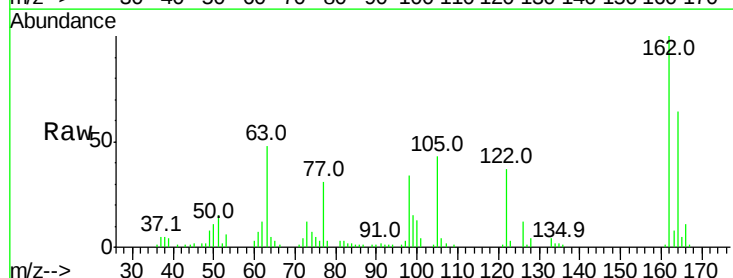
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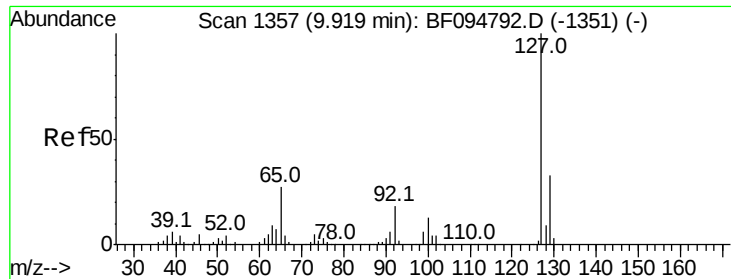
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#32
Benzoic acid
Concen: 20.87 ng
RT: 9.63 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.5	103.3	143.3
77	85.2	73.7	113.7





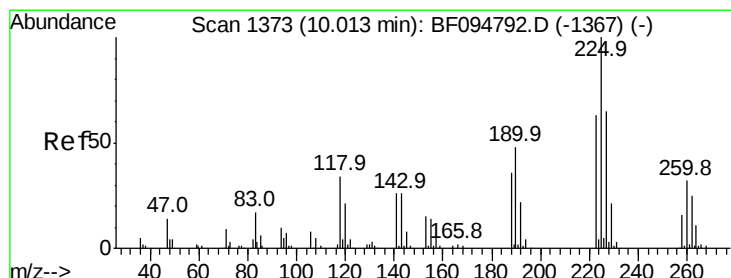
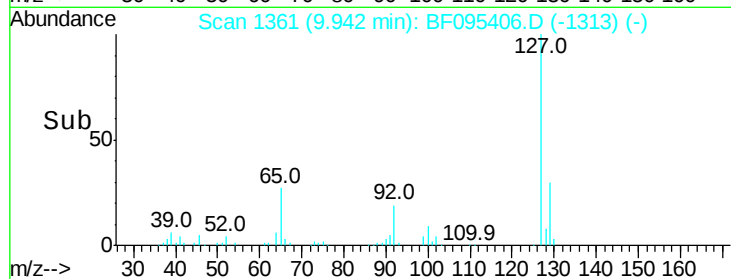
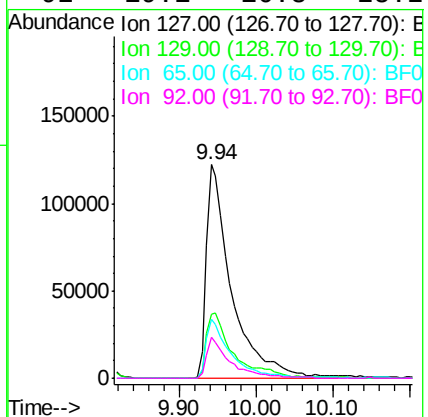
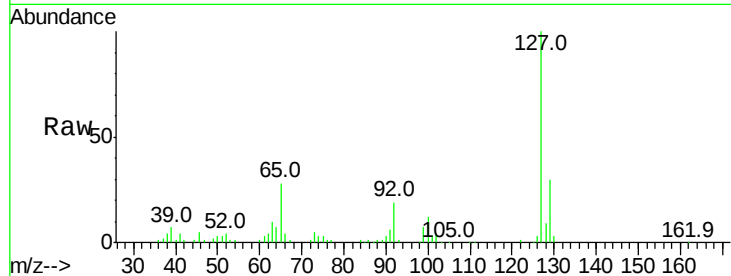
#33
 4-Chloroaniline
 Concen: 42.74 ng
 RT: 9.94 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.1	26.2	39.2
65	27.5	27.8	41.8
92	19.1	16.8	25.2

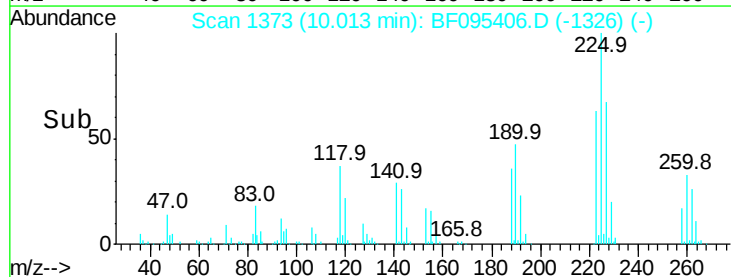
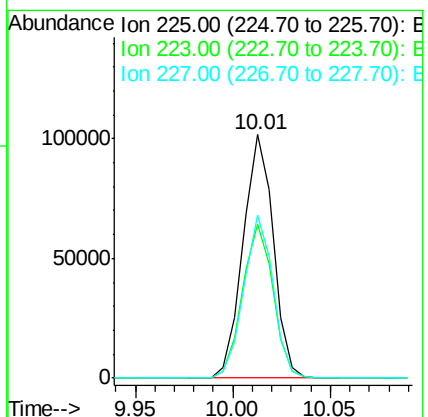
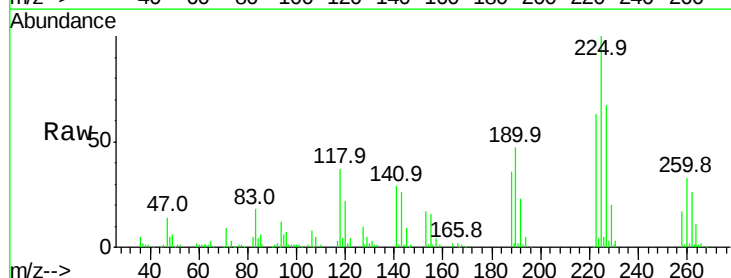
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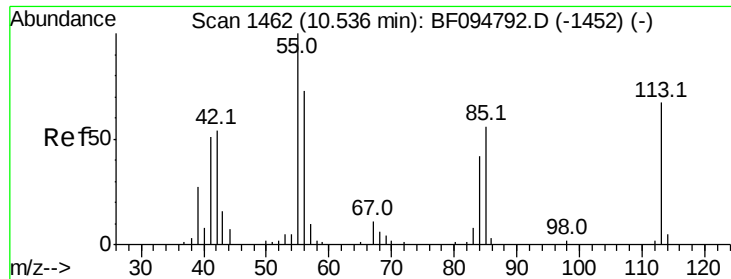
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#34
 Hexachlorobutadiene
 Concen: 40.95 ng
 RT: 10.01 min Scan# 1373
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.4	48.8	73.2
227	66.8	51.1	76.7





#35

Caprolactam

Concen: 39.15 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampled :

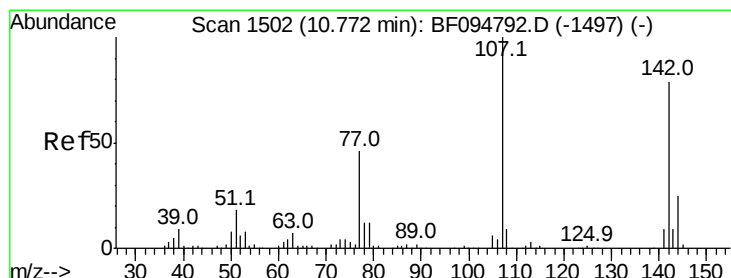
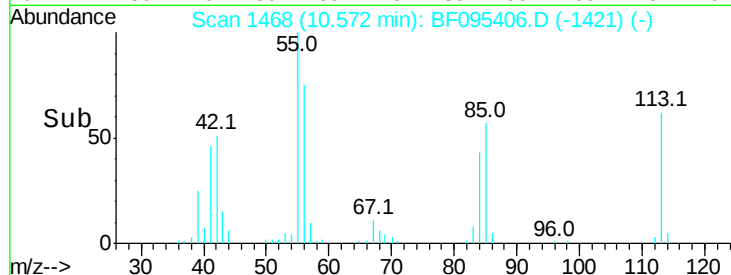
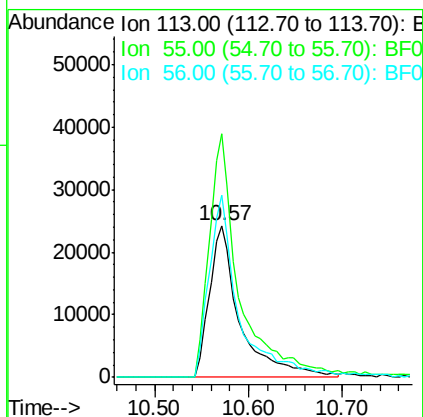
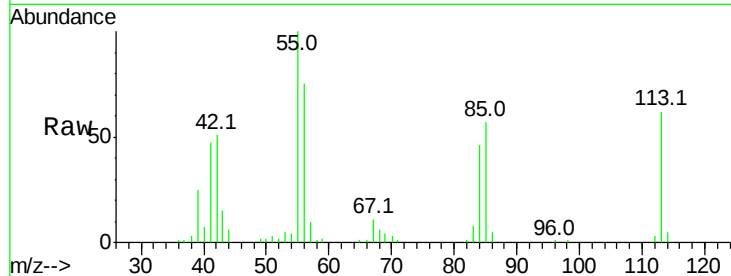
SSTDCCC040

Tot Ion:113 Resp: 55572

Ion	Ratio	Lower	Upper
113	100		
55	160.3	150.2	190.2
56	120.3	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 39.57 ng

RT: 10.81 min Scan# 1509

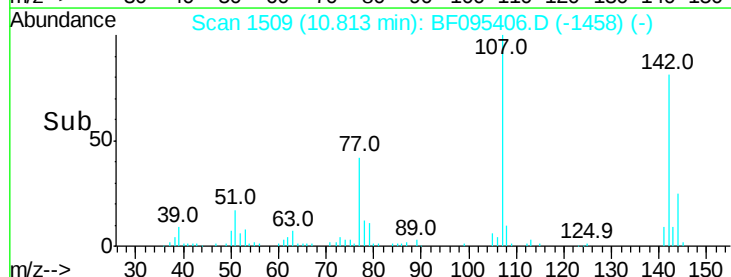
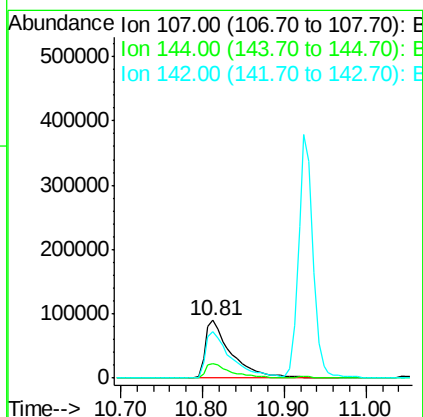
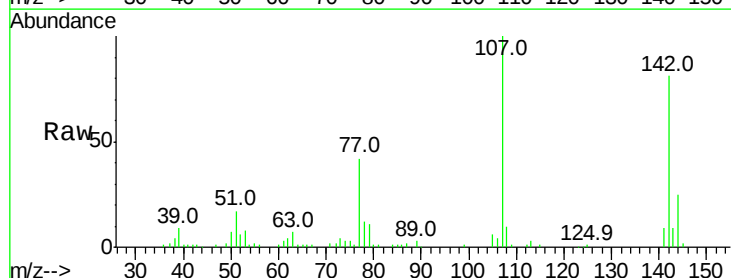
Delta R.T. 0.00 min

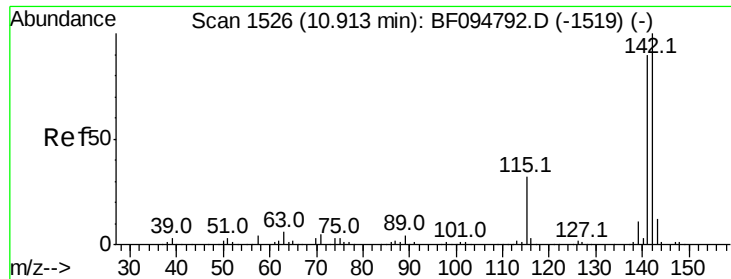
Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:107 Resp: 200011

Ion	Ratio	Lower	Upper
107	100		
144	25.2	24.2	36.4
142	81.3	73.4	110.0





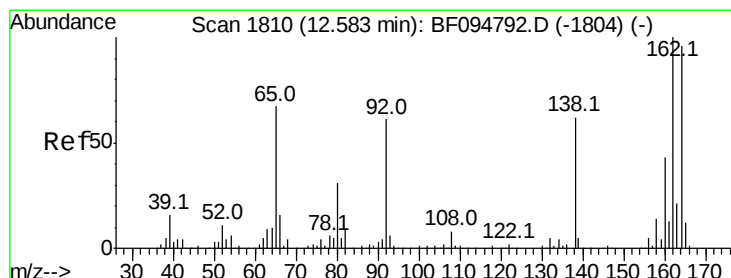
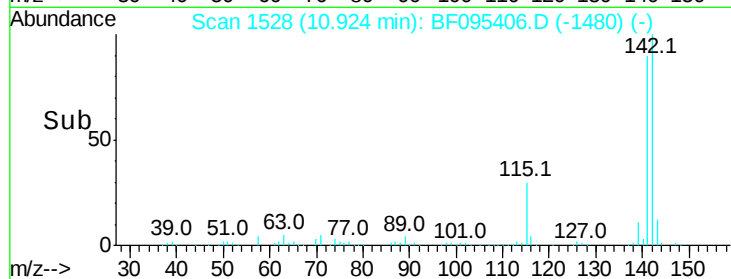
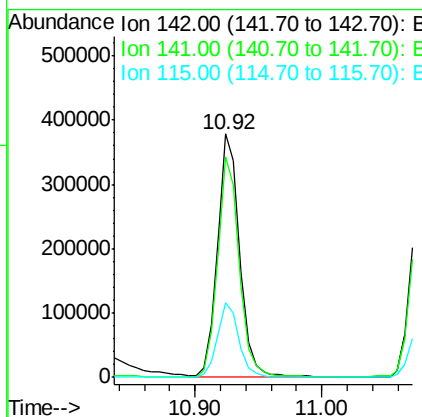
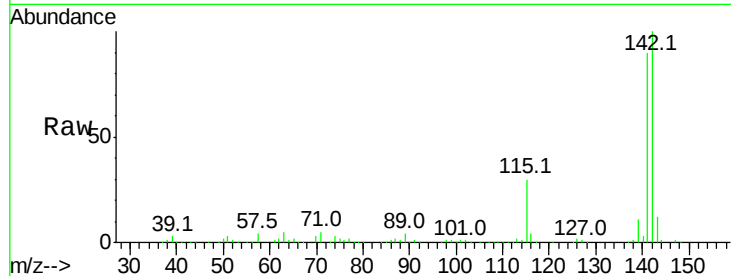
#37
2-Methylnaphthalene
Concen: 40.58 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	30.4	27.1	40.7

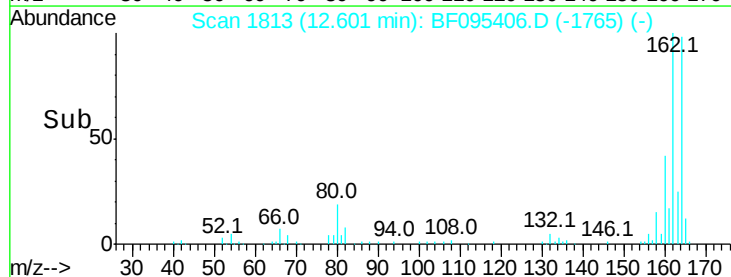
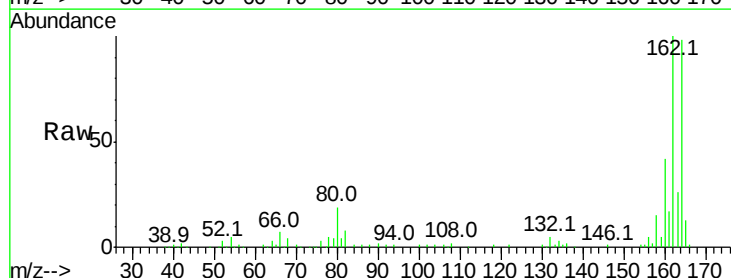
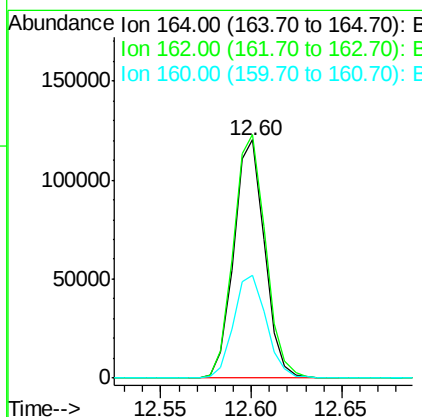
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	43.3	36.2	54.2





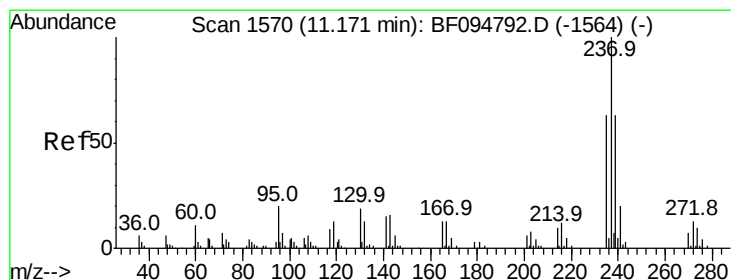
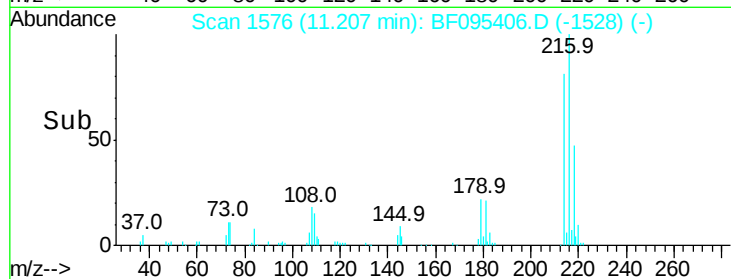
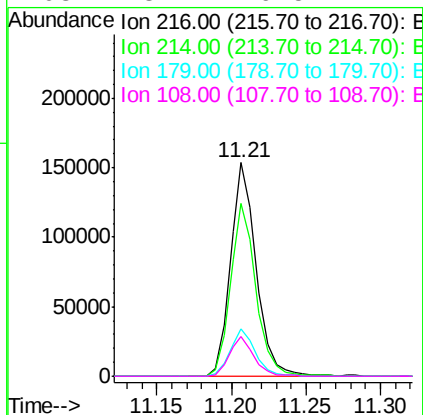
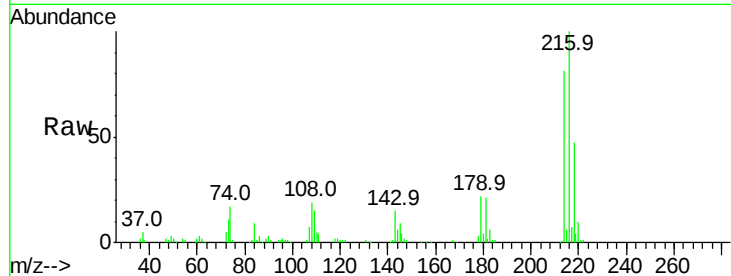
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.59 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	185756		
214	80.4	63.4	95.2	
179	21.9	17.9	26.9	
108	18.2	16.5	24.7	

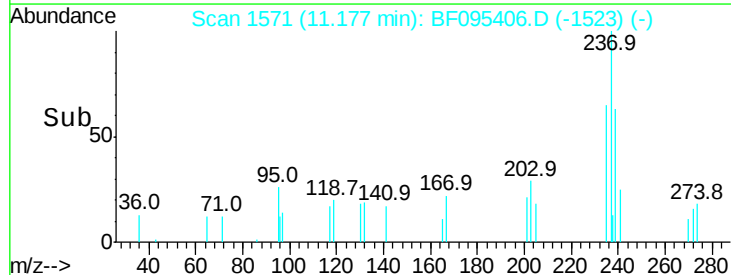
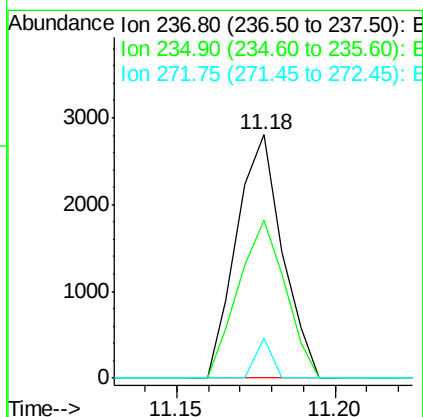
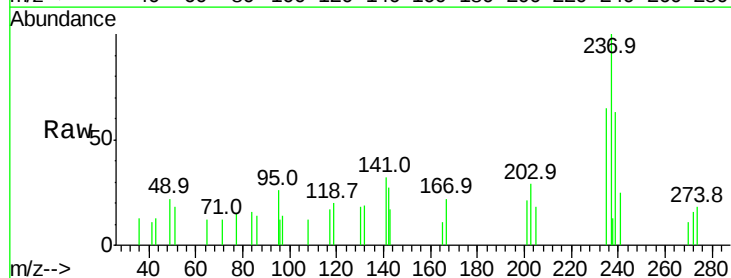
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#40
 Hexachlorocyclopentadiene
 Concen: 7.47 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	2811		
235	64.9	42.6	82.6	
272	16.4	0.0	31.9	





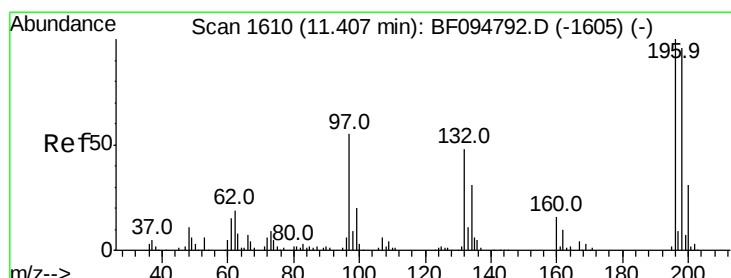
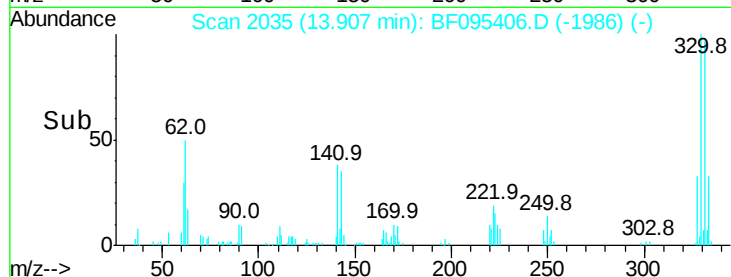
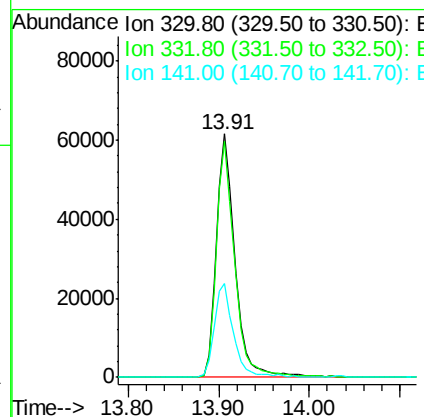
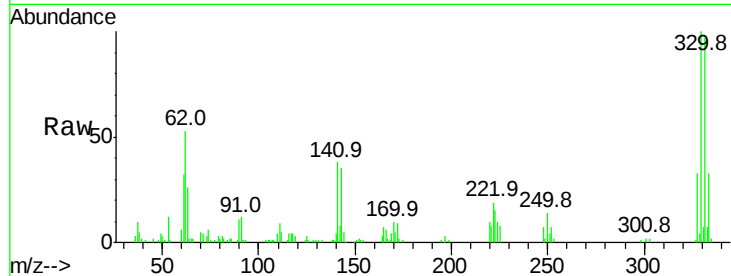
#41
 2,4,6-Tribromophenol
 Concen: 76.06 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	39.3	31.4	47.2	

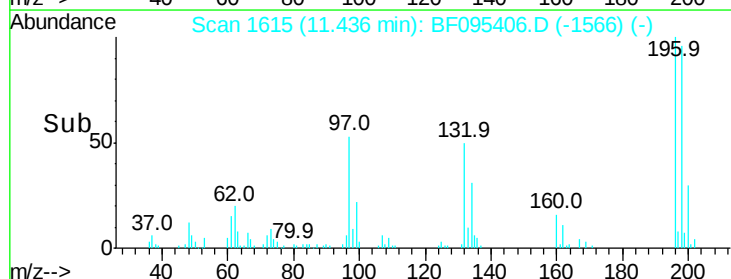
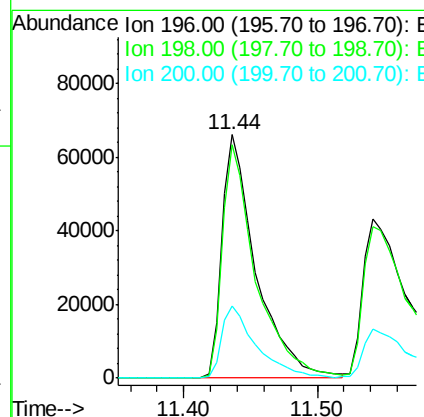
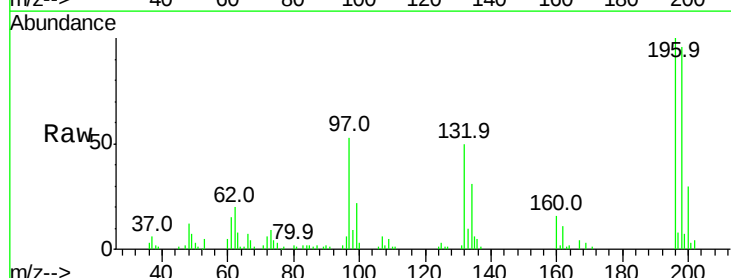
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#42
 2,4,6-Trichlorophenol
 Concen: 40.69 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	74.2	111.4	
200	29.7	24.0	36.0	





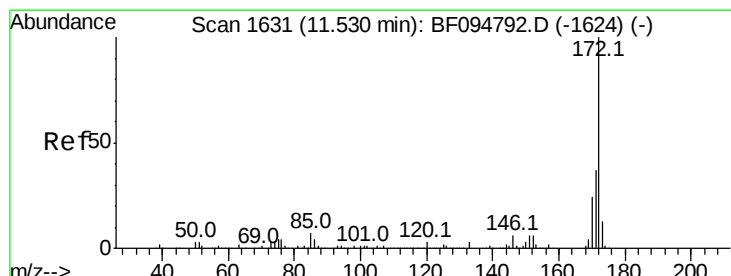
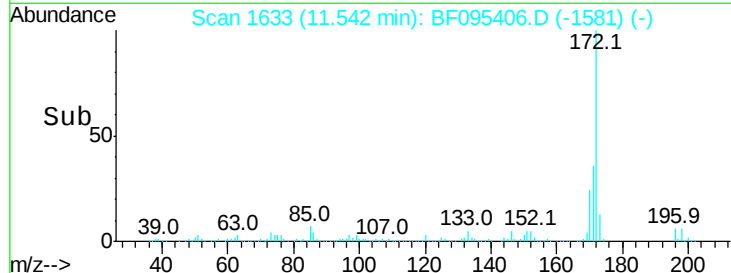
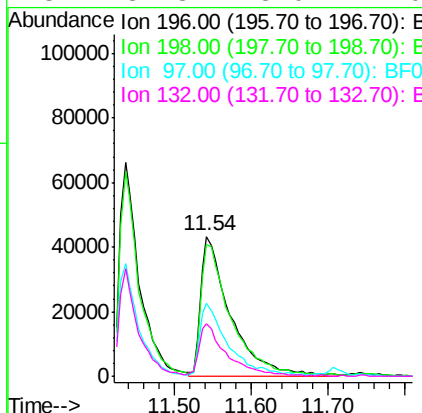
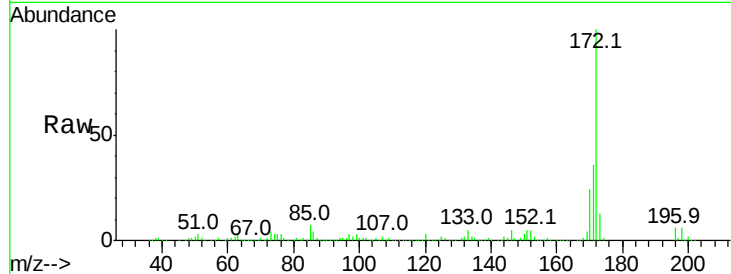
#43
 2,4,5-Trichlorophenol
 Concen: 37.25 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	116594
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.7	113.5
97	52.7	47.7	71.5
132	37.3	28.0	42.0

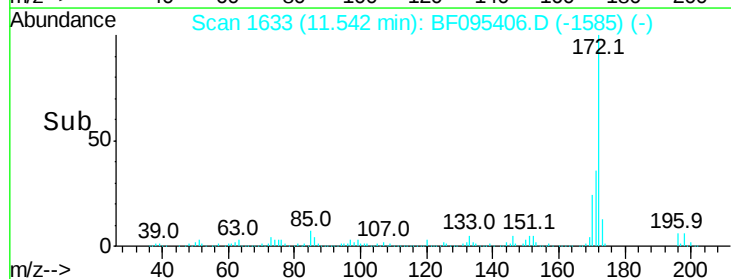
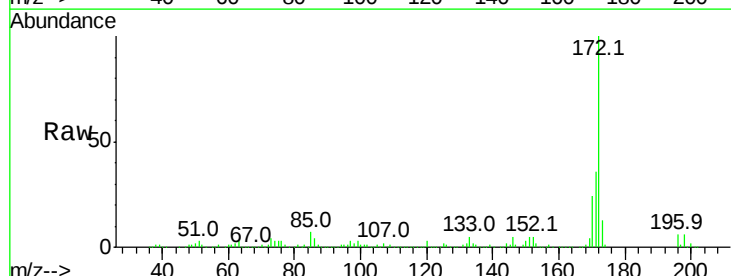
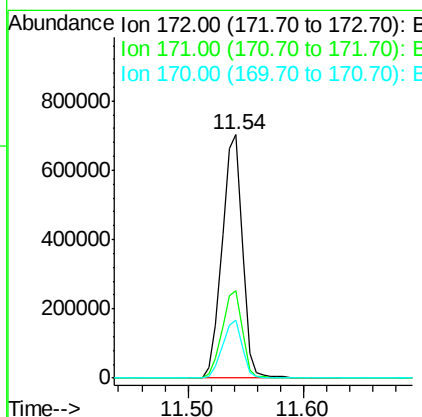
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#44
 2-Fluorobiphenyl
 Concen: 86.84 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	172	Resp	855759
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8





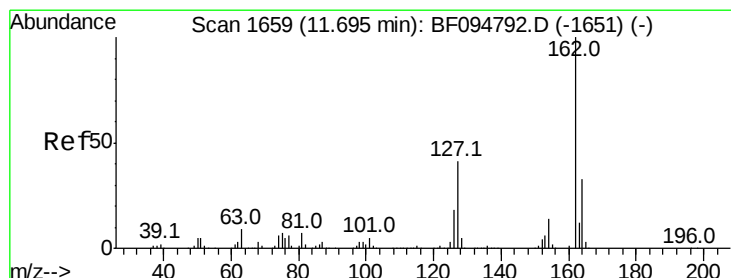
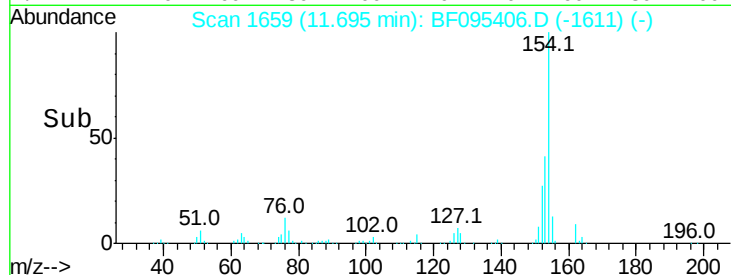
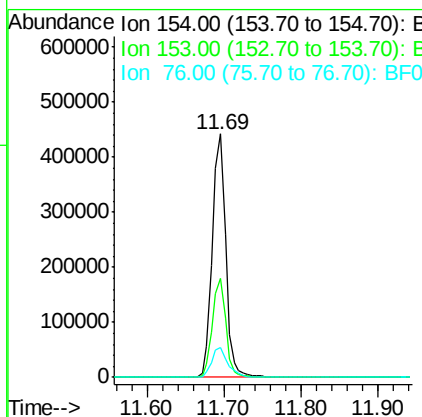
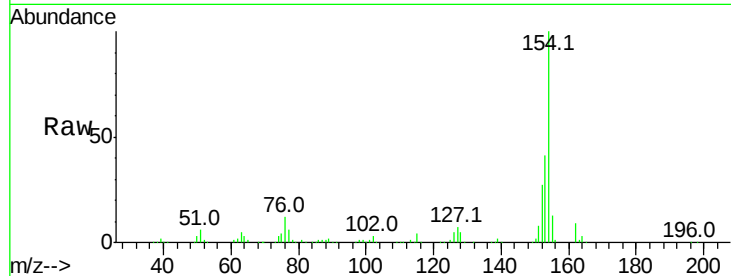
#45
 1,1'-Biphenyl
 Concen: 44.42 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.2	61.2	
76	12.3	0.0	29.9	

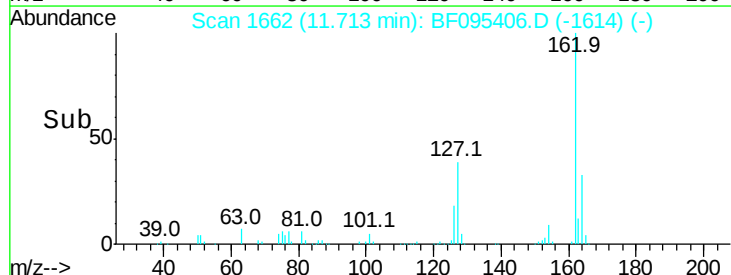
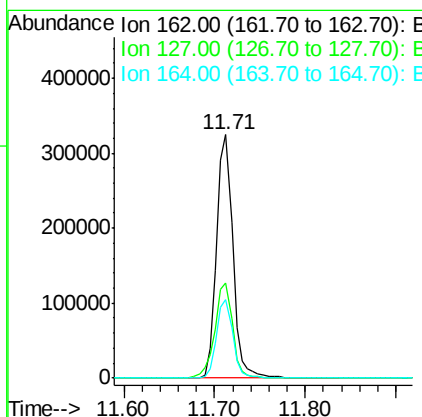
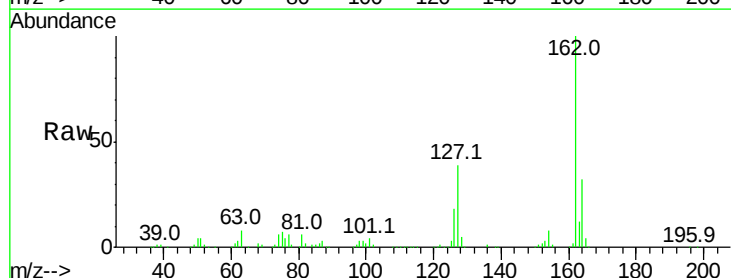
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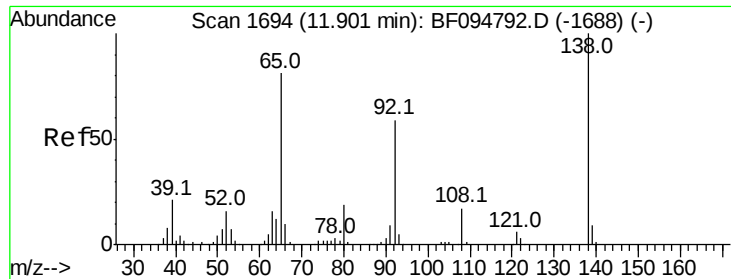
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#46
 2-Chloronaphthalene
 Concen: 41.90 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.9	28.3	42.5	
164	32.4	27.0	40.4	





#47

2-Nitroaniline

Concen: 43.22 ng

RT: 11.94 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 114067

Ion Ratio Lower Upper

65 100

92 73.1 53.9 80.9

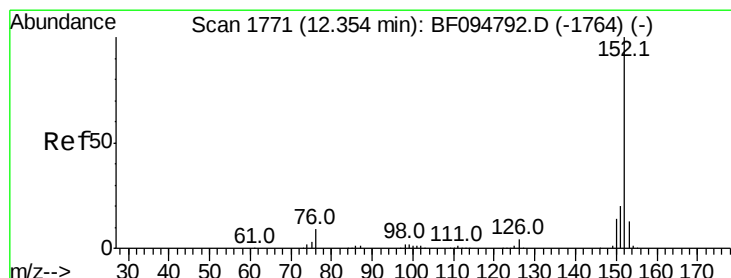
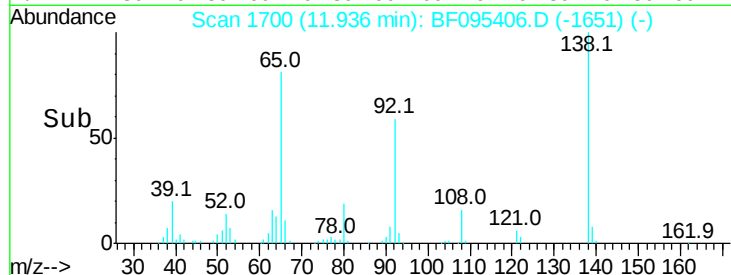
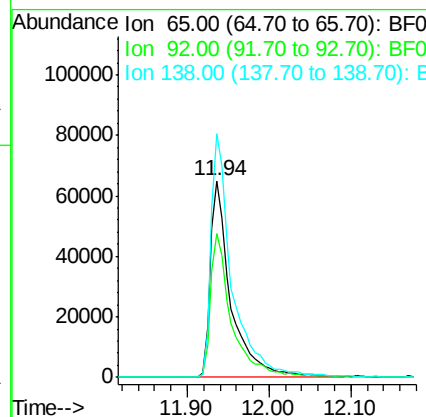
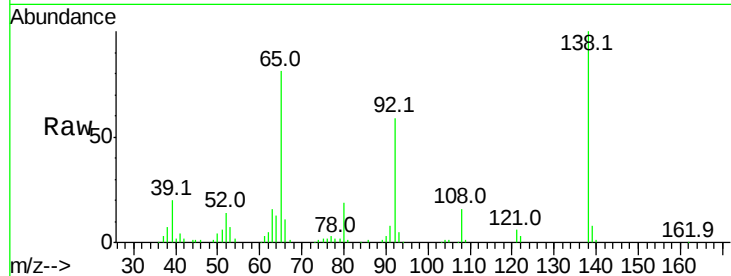
138 124.0 78.8 118.2#

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#48

Acenaphthylene

Concen: 38.88 ng

RT: 12.37 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

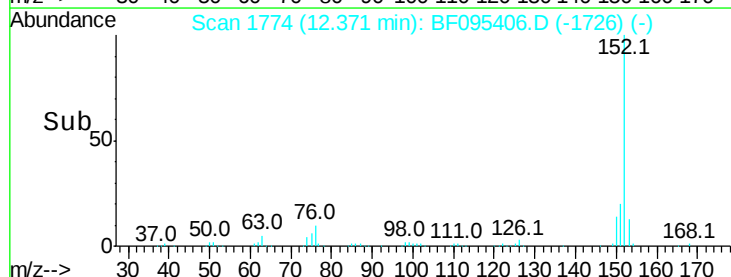
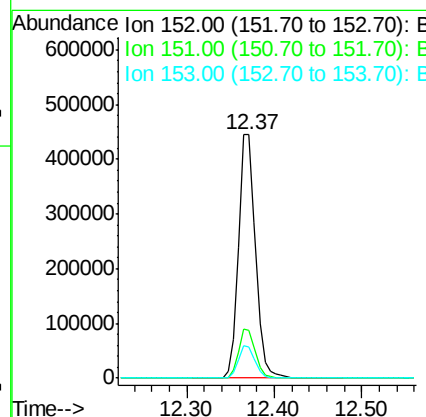
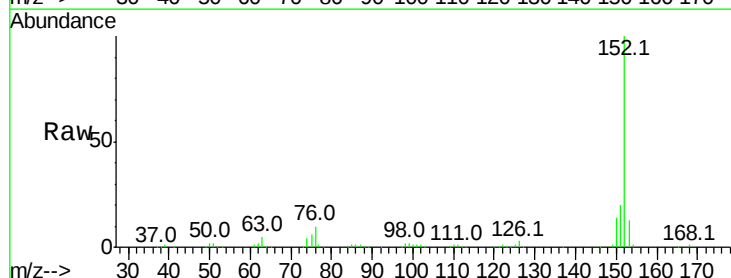
Tgt Ion: 152 Resp: 587236

Ion Ratio Lower Upper

152 100

151 19.7 16.8 25.2

153 13.0 10.8 16.2





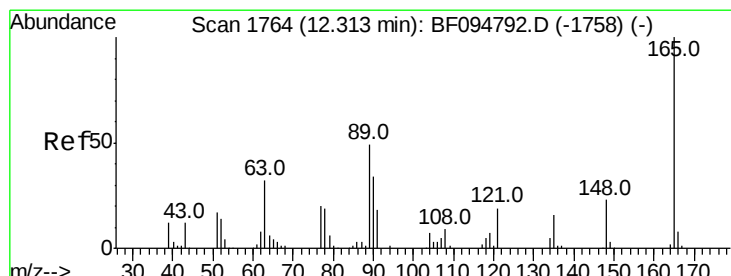
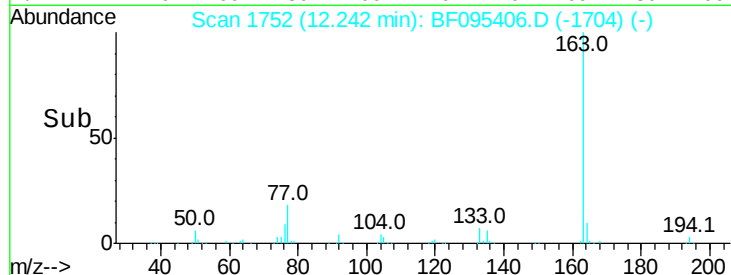
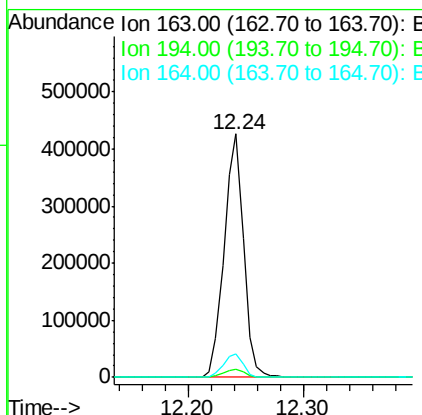
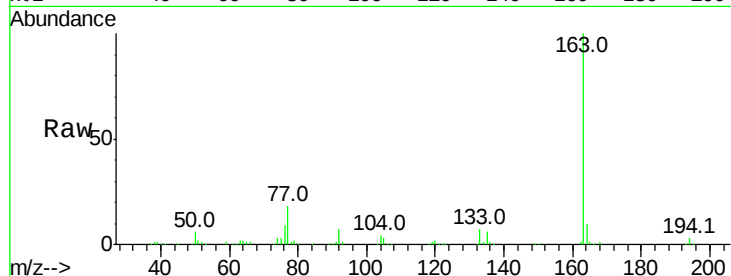
#49
Dimethylphthalate
Concen: 42.74 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	497645		
194	3.3	2.6	4.0	
164	9.7	8.4	12.6	

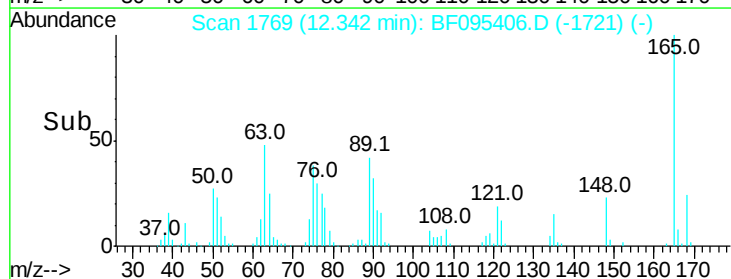
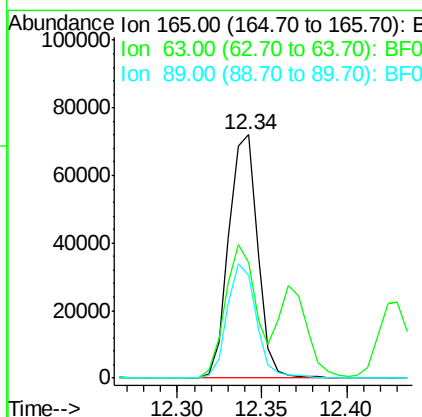
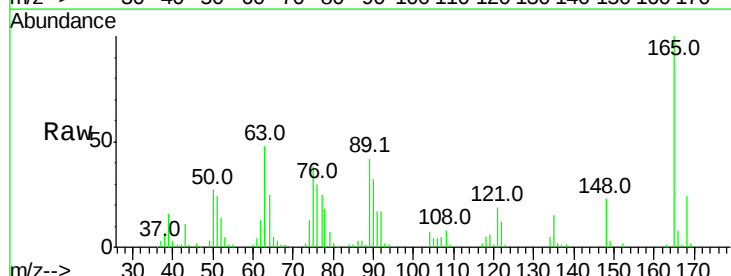
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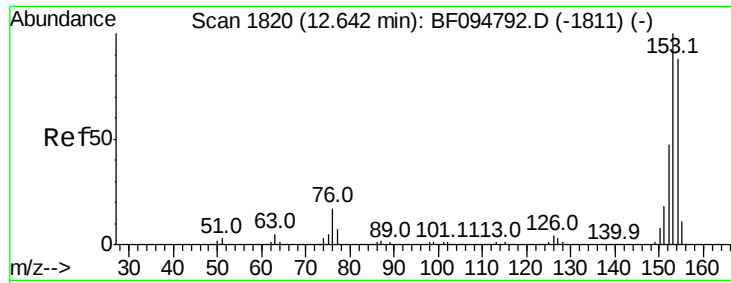
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#50
2,6-Dinitrotoluene
Concen: 36.08 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85707		
63	47.6	34.3	51.5	
89	42.0	37.1	55.7	





#51

Acenaphthene

Concen: 40.15 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 362178

Ion Ratio Lower Upper

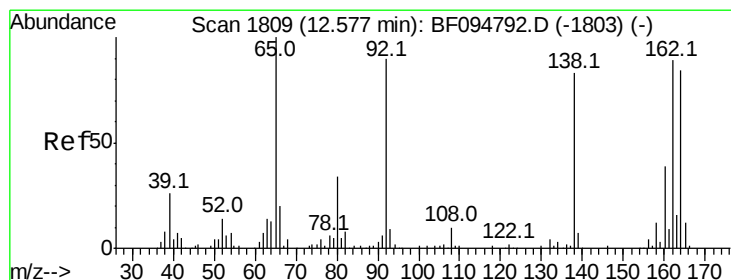
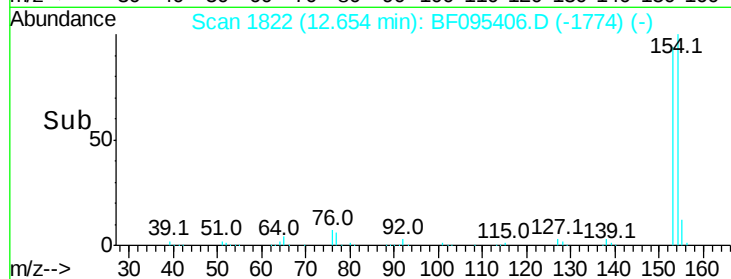
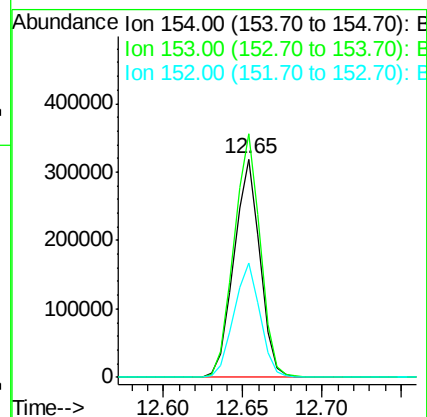
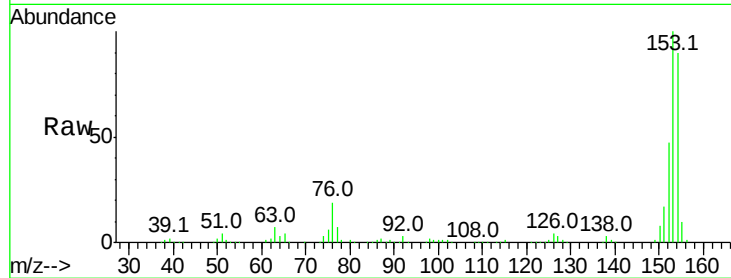
154 100

153 111.6 90.5 135.7

152 52.3 43.6 65.4

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#52

3-Nitroaniline

Concen: 43.74 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

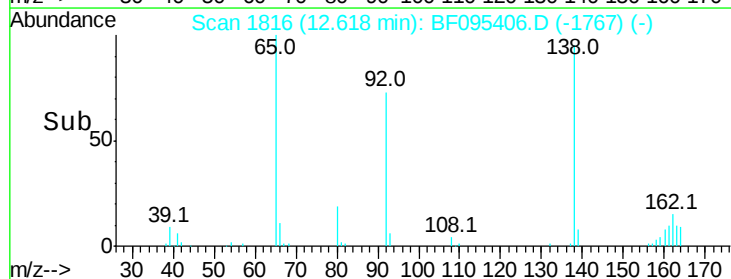
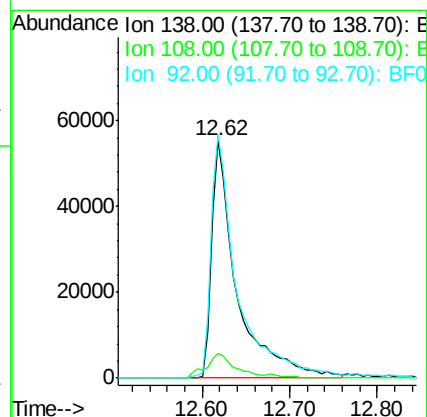
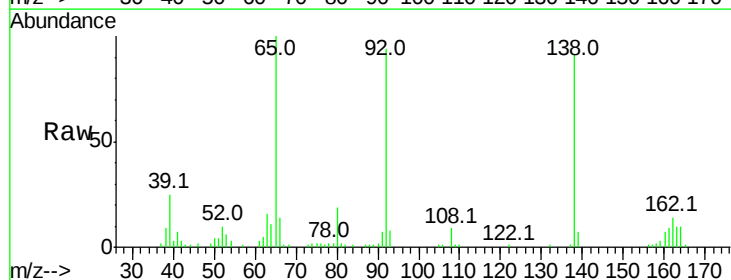
Tgt Ion:138 Resp: 111528

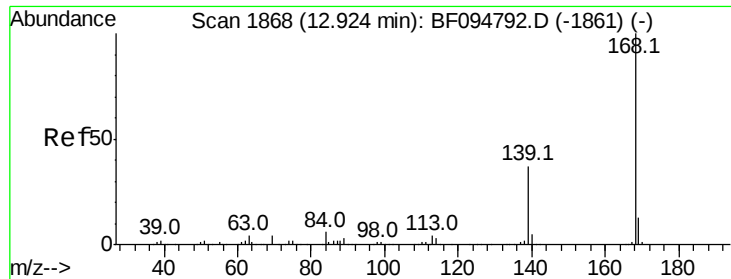
Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

92 102.4 93.8 140.6





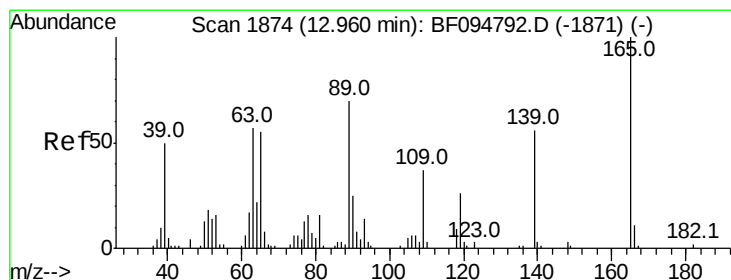
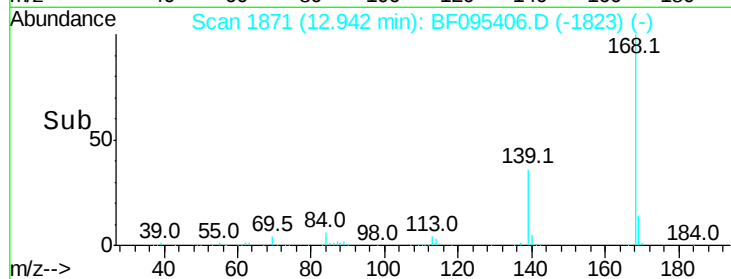
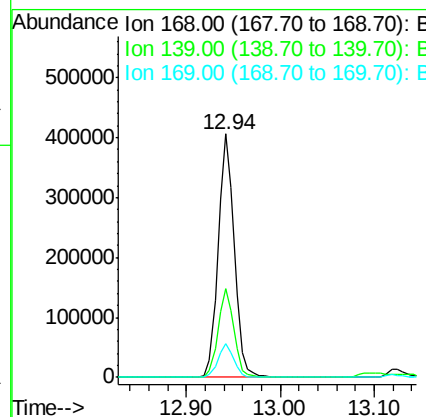
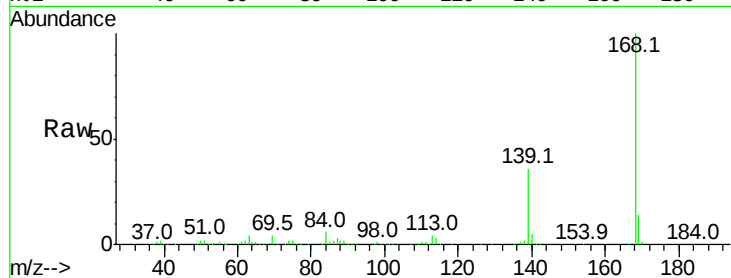
#54
Dibenzofuran
Concen: 39.46 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.6	45.8
169	13.6	10.8	16.2

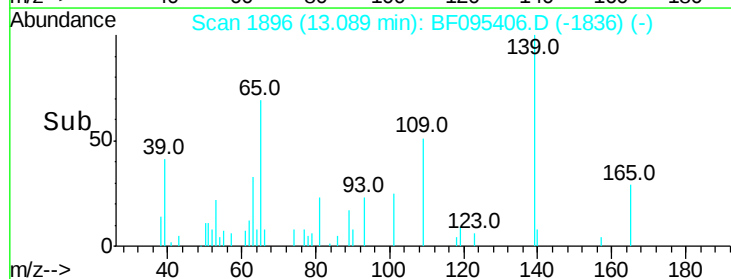
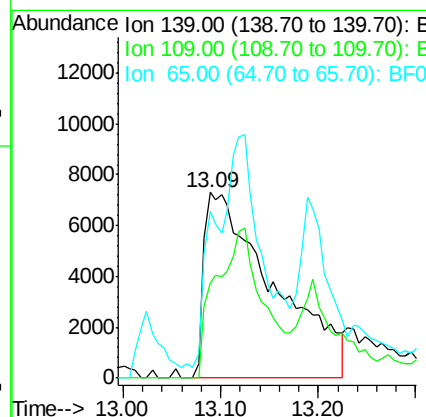
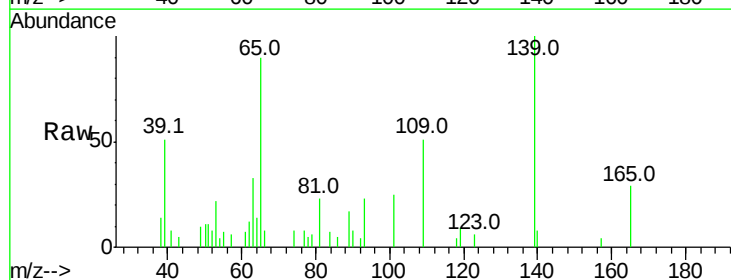
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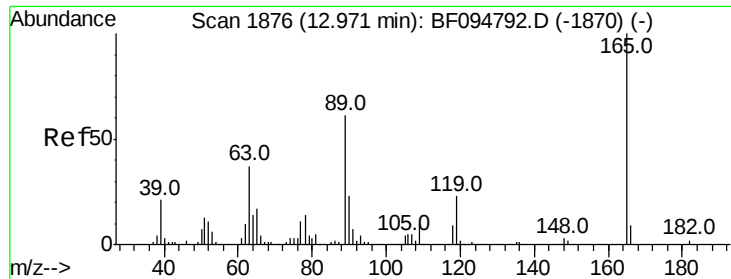
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#55
4-Nitrophenol
Concen: 23.74 ng
RT: 13.09 min Scan# 1896
Delta R.T. 0.05 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	51.4	34.1	74.1
65	89.9	31.4	71.4#





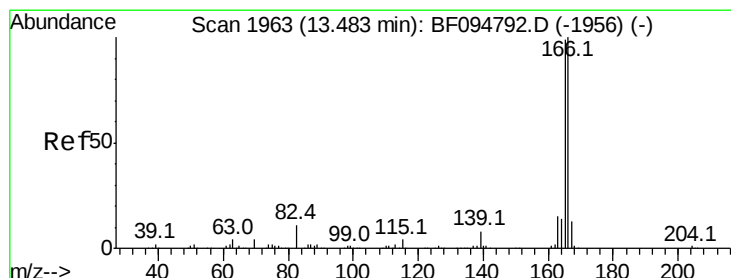
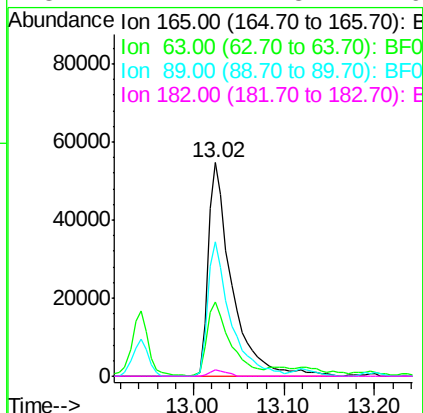
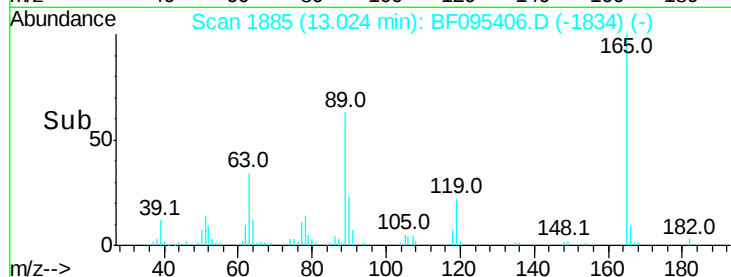
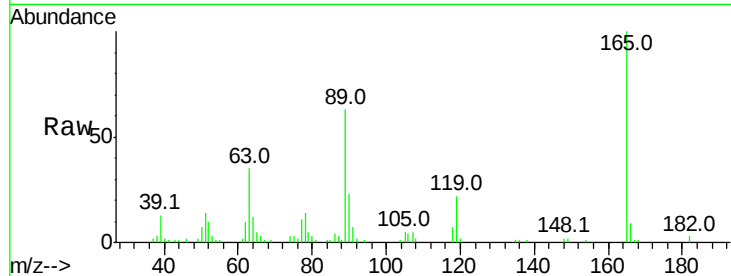
#56
2,4-Dinitrotoluene
Concen: 32.60 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	99512		
63	34.8	25.4	38.0	
89	62.9	46.4	69.6	
182	2.7	1.8	2.6	

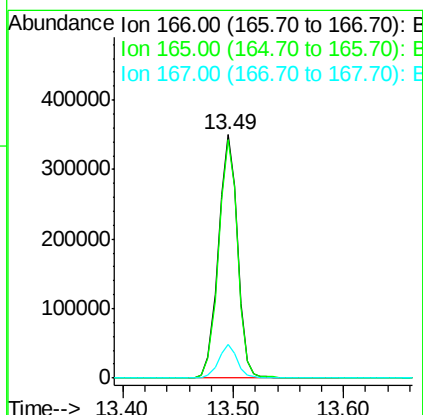
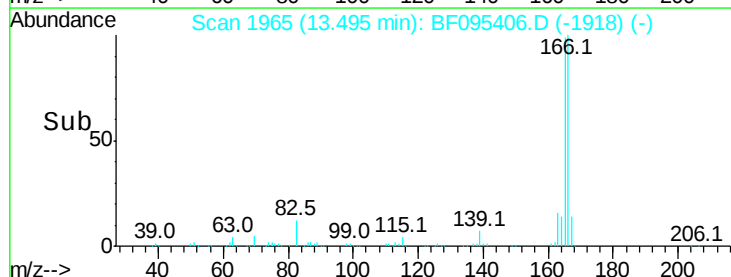
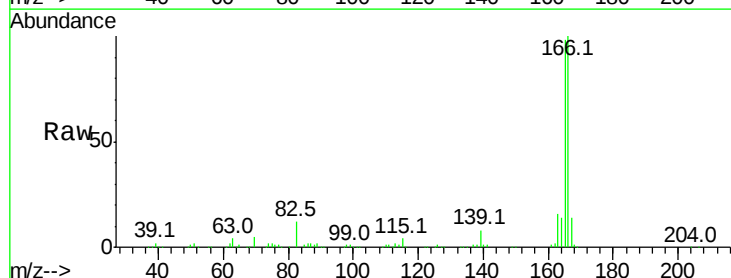
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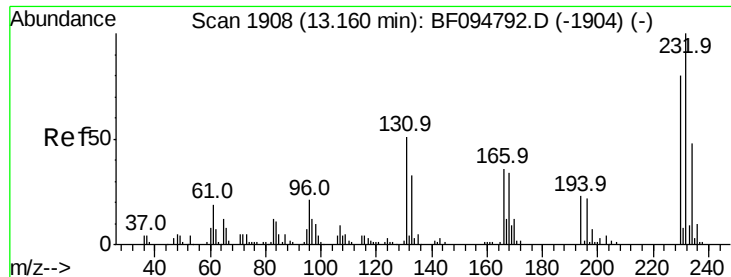
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#57
Fluorene
Concen: 38.80 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	421170		
165	97.8	78.8	118.2	
167	13.9	10.6	16.0	





#58

2,3,4,6-Tetrachlorophenol

Concen: 38.30 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 75446

Ion Ratio Lower Upper

232 100

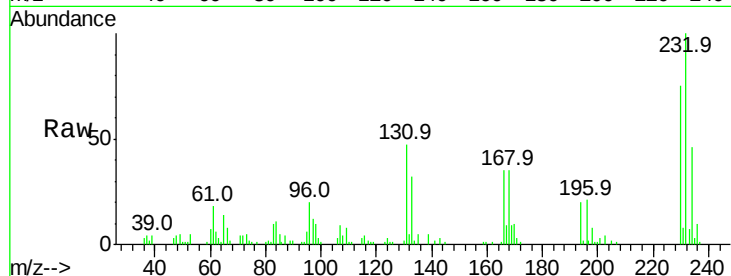
131 47.5 44.8 67.2

130 2.2 2.3 3.5

166 36.4 29.0 43.4

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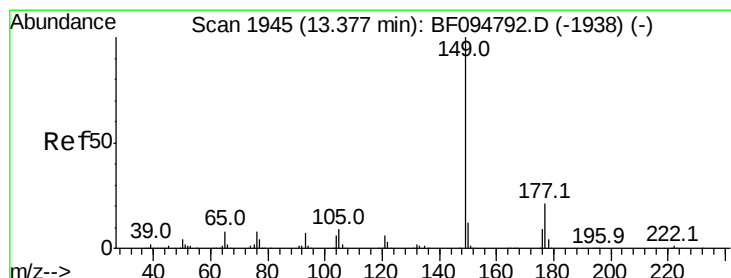
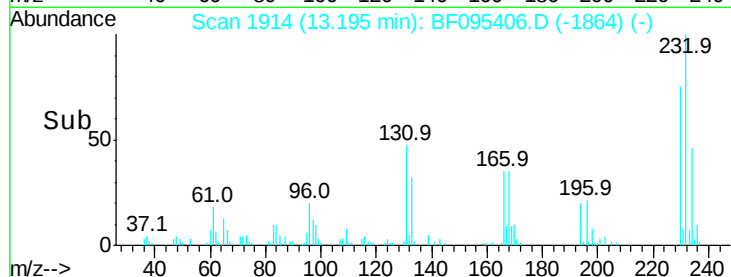
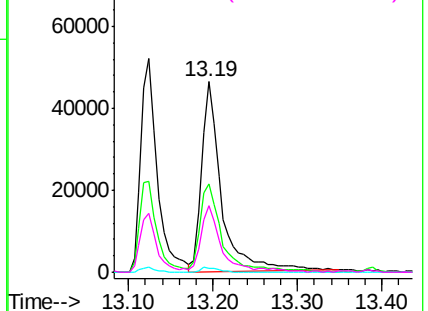


Abundance Ion 232.00 (231.70 to 232.70): E

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



#59

Diethylphthalate

Concen: 41.46 ng

RT: 13.38 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

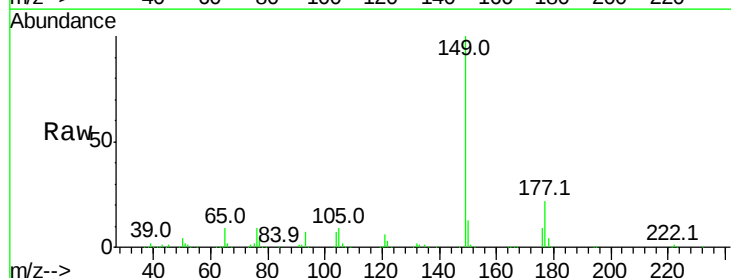
Tgt Ion:149 Resp: 462736

Ion Ratio Lower Upper

149 100

177 22.0 16.7 25.1

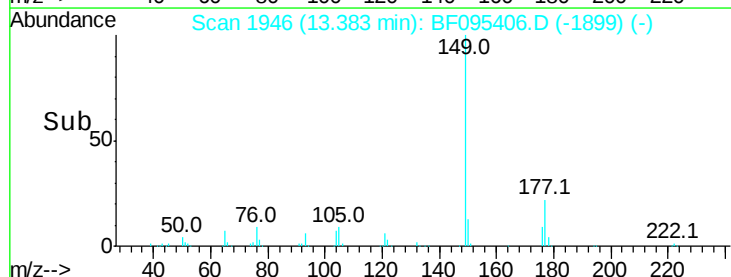
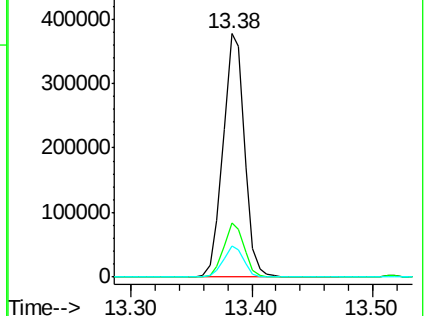
150 12.6 10.2 15.2

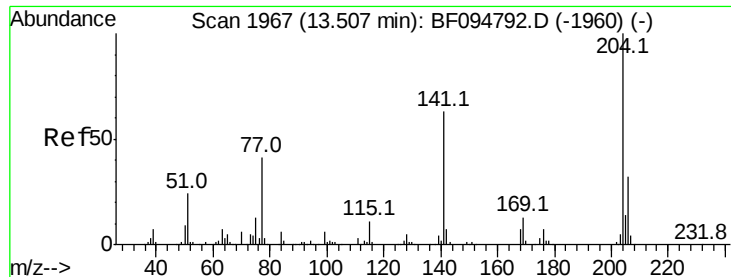


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 40.50 ng

RT: 13.52 min Scan# 1969

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

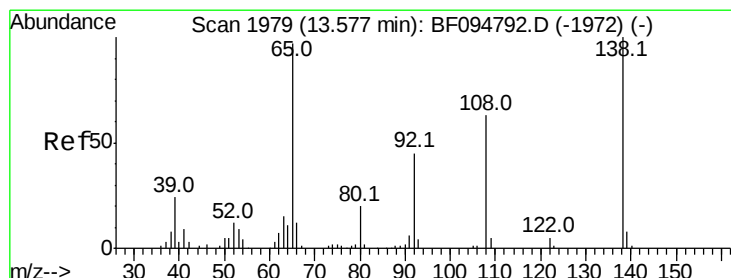
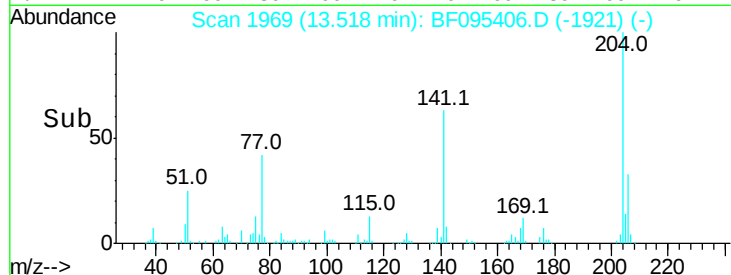
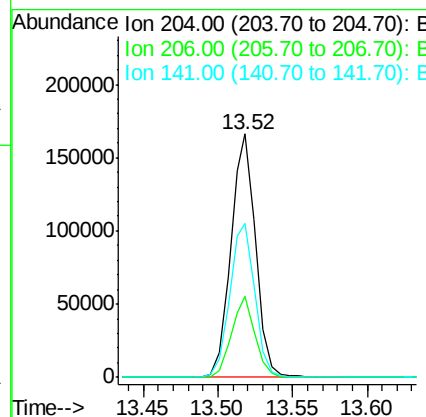
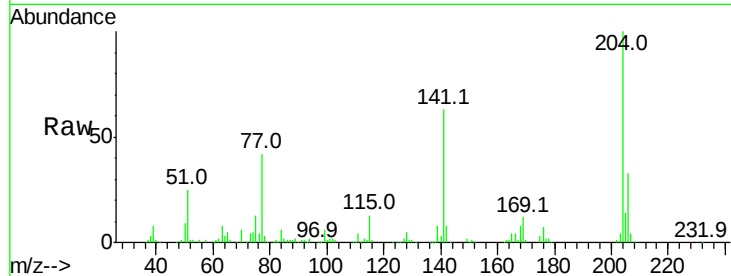
ClientSampleId :

SSTDCCC040

Tot Ion:	204	Resp:	193189
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.2	39.2
141	63.5	60.8	91.2

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#61

4-Nitroaniline

Concen: 37.01 ng

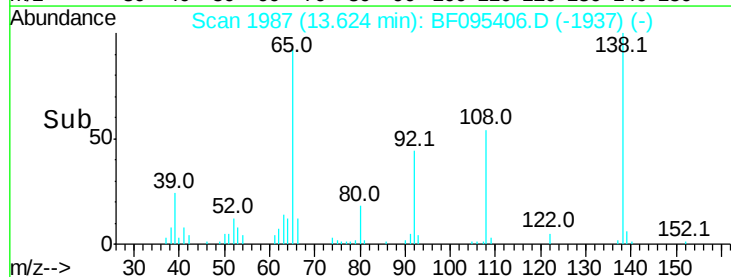
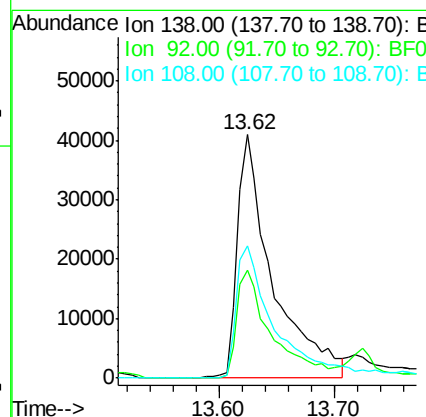
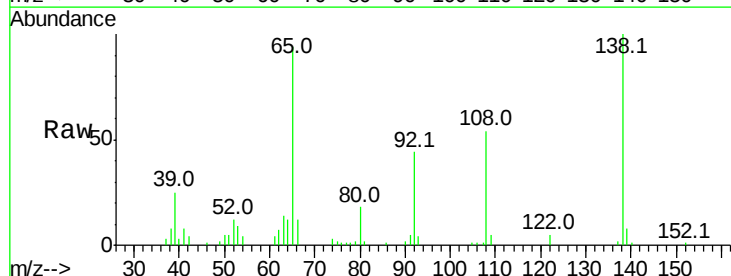
RT: 13.62 min Scan# 1987

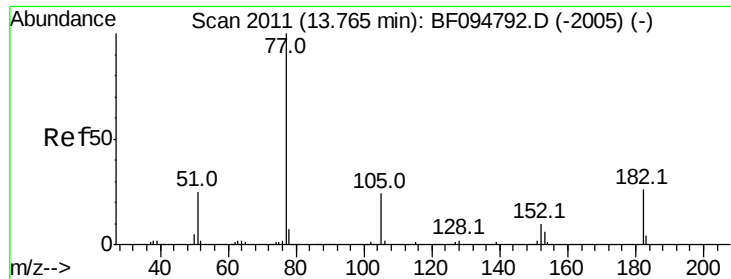
Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:	138	Resp:	86628
Ion Ratio	Lower	Upper	
138	100		
92	44.4	21.8	61.8
108	54.4	42.3	82.3





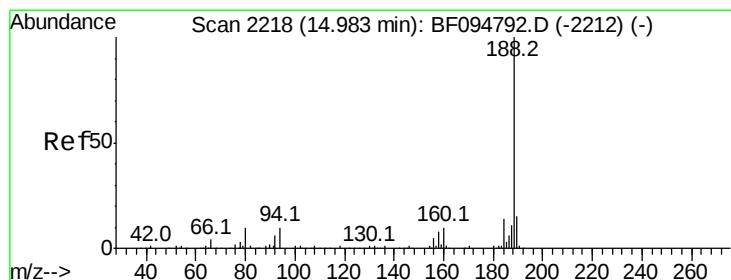
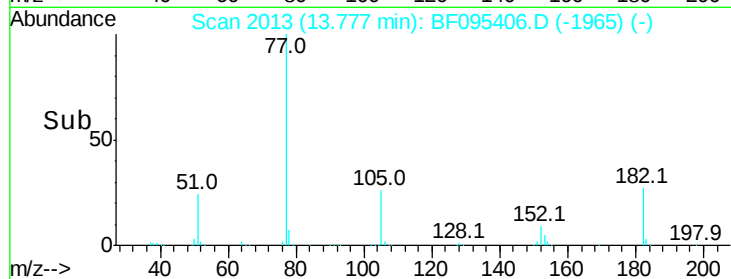
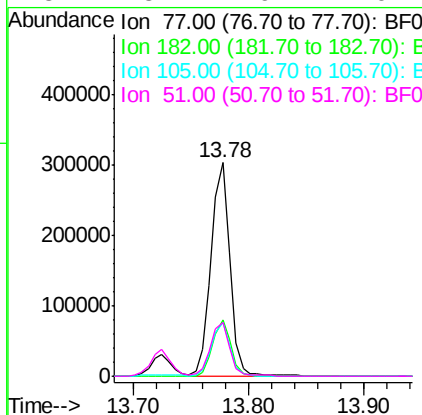
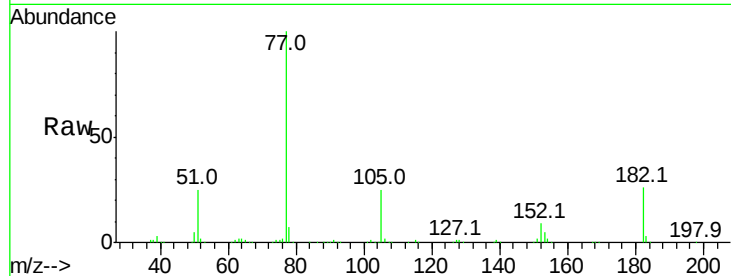
#62
Azobenzene
Concen: 38.65 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.3	0.1	40.1		
105	25.3	3.6	43.6		
51	25.4	9.4	49.4		

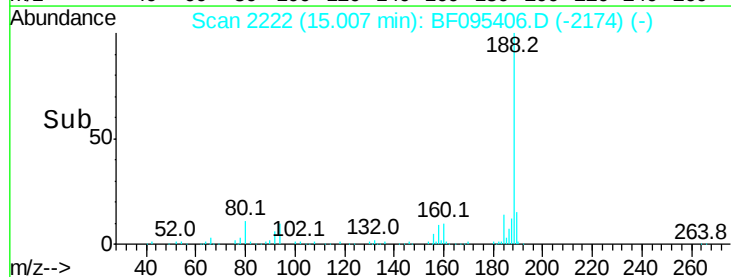
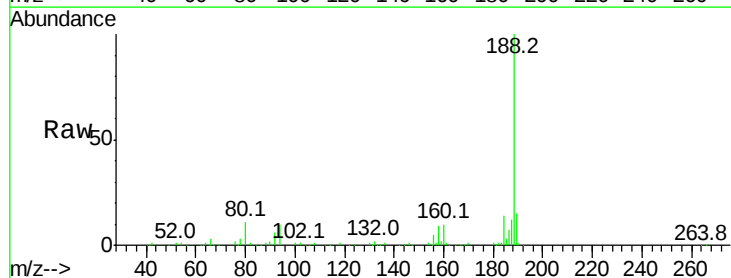
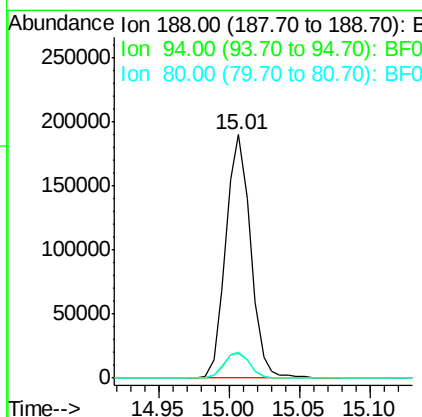
Manual Integrations
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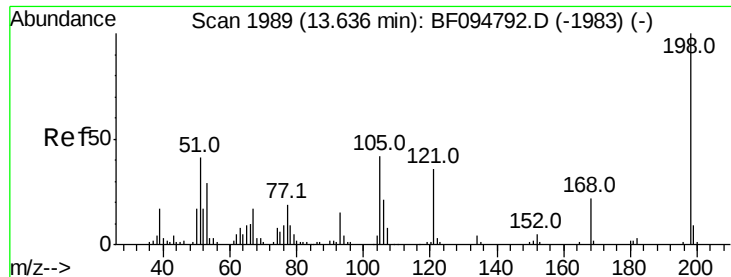
mohammad
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.2	9.4	14.2		
80	10.9	10.2	15.2		





#64

4,6-Dinitro-2-methylphenol

Concen: 5.98 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 9310

Ion Ratio Lower Upper

198 100

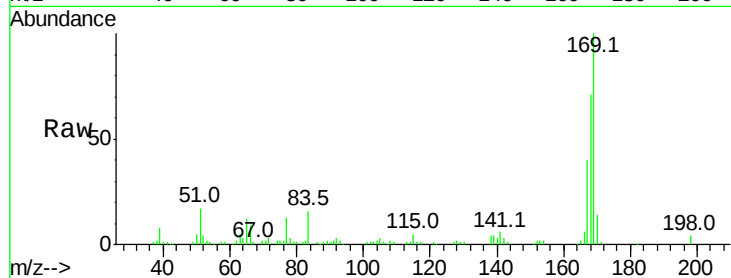
51 420.6 53.2 93.2#

105 67.0 45.8 85.8

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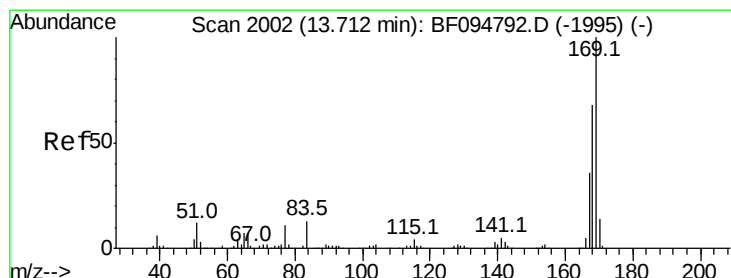
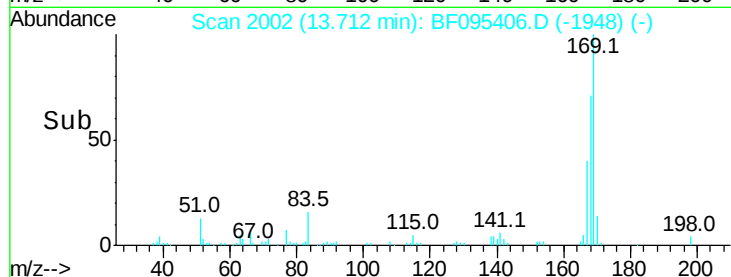
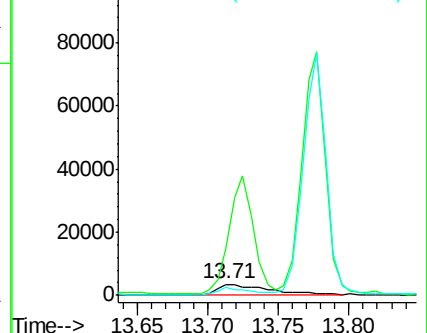
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.84 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

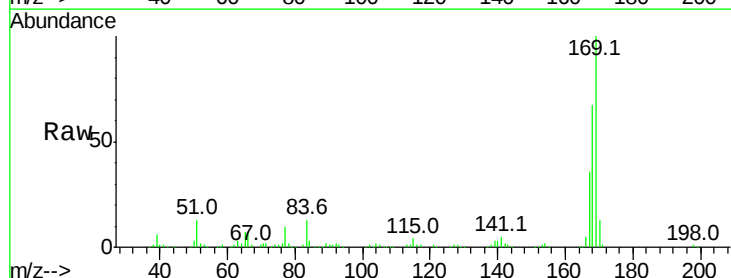
Tgt Ion:169 Resp: 360789

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

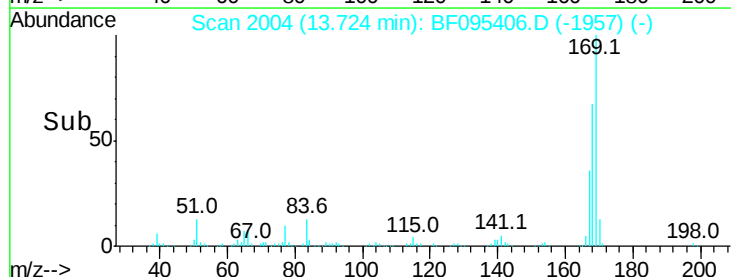
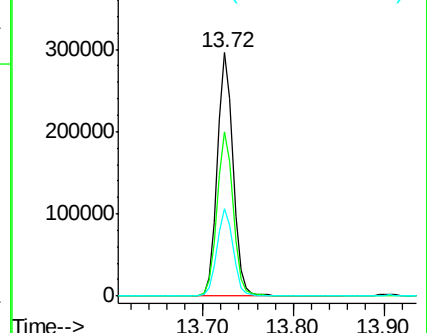
167 35.8 29.5 44.3

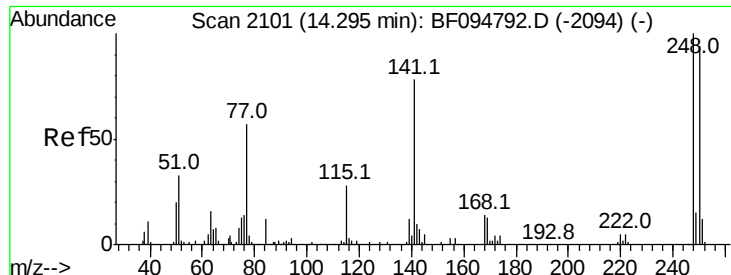


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





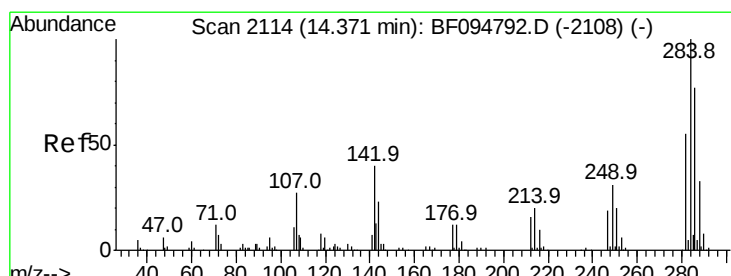
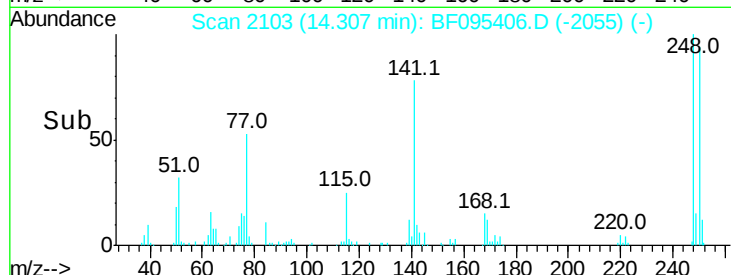
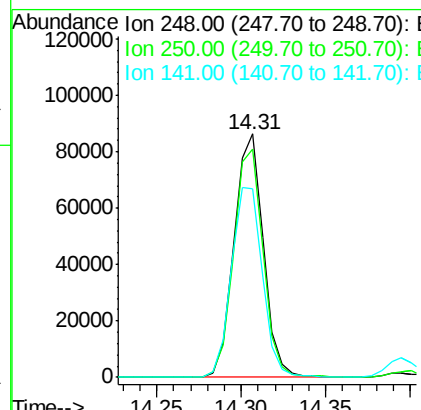
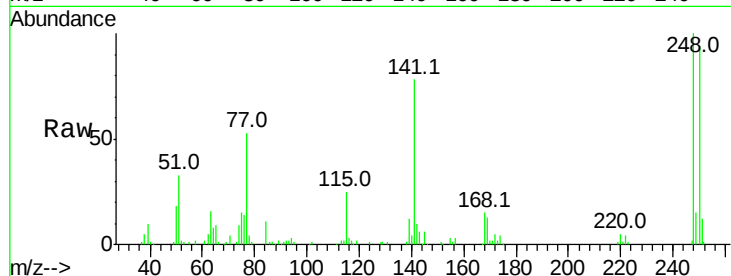
#66
4-Bromophenyl-phenylether
Concen: 42.19 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.7	76.8	115.2
141	77.7	68.6	103.0

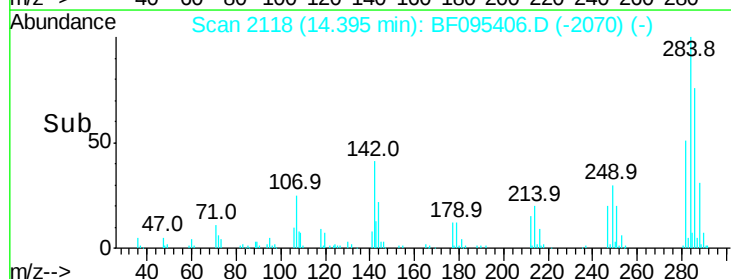
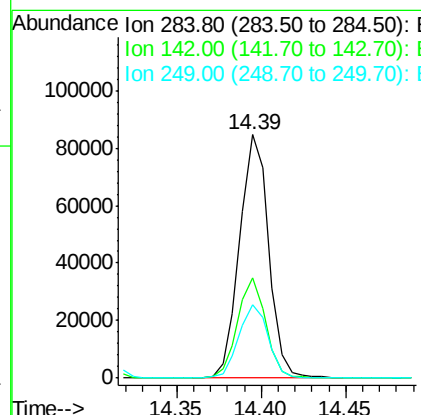
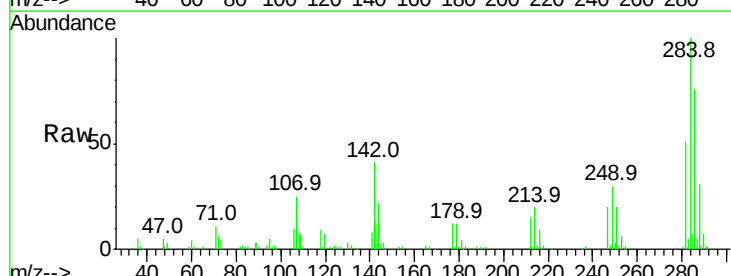
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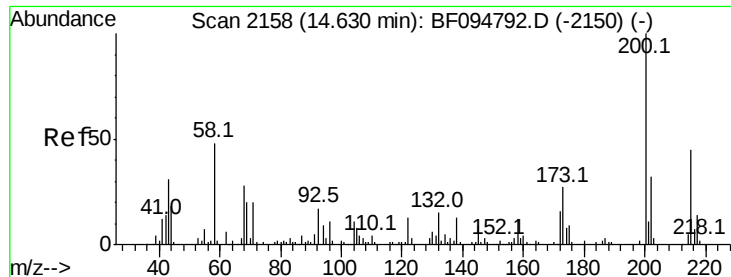
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#67
Hexachlorobenzene
Concen: 40.35 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.1	22.8	34.2#
249	30.2	24.0	36.0





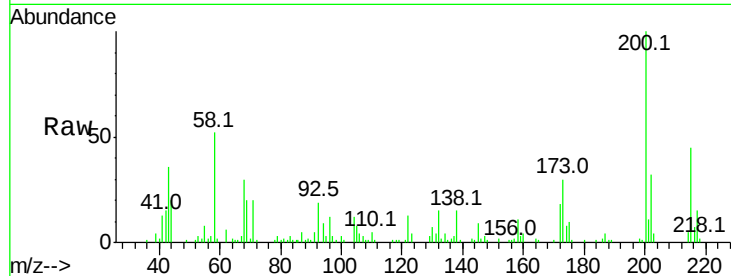
#68
Atrazine
Concen: 33.09 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

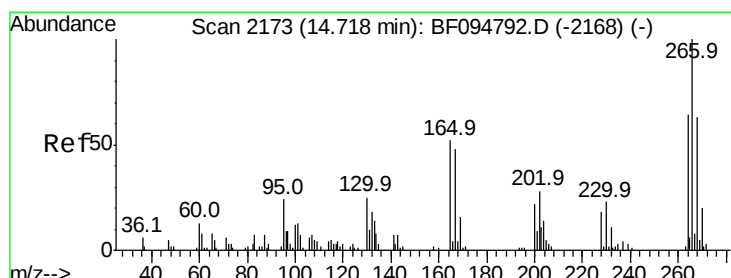
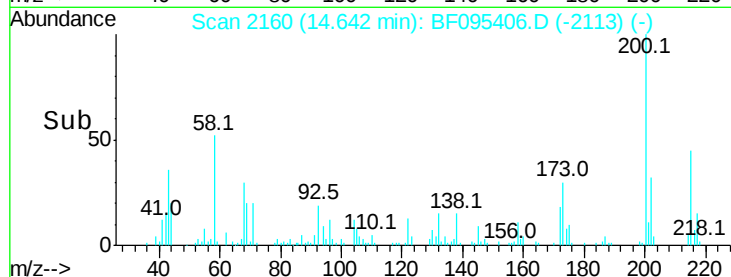
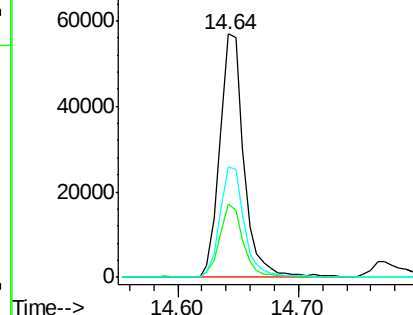
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.2	6.3	46.3
215	45.3	27.2	67.2

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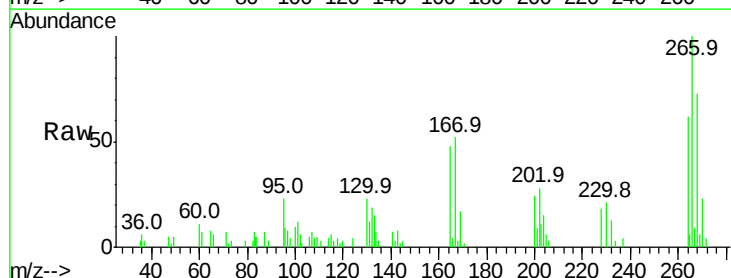


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

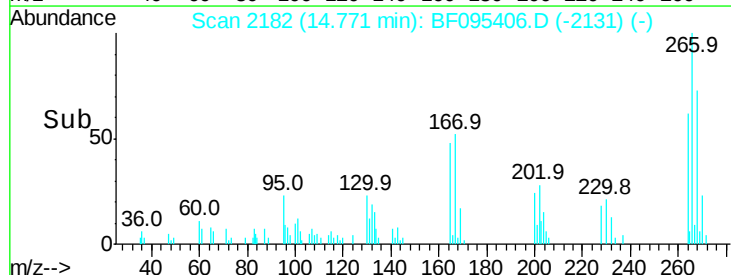
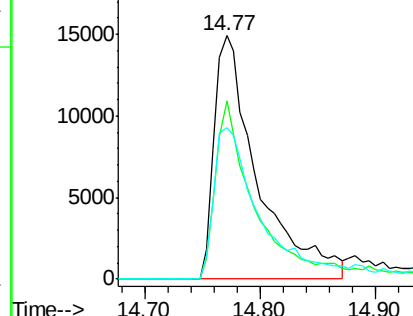


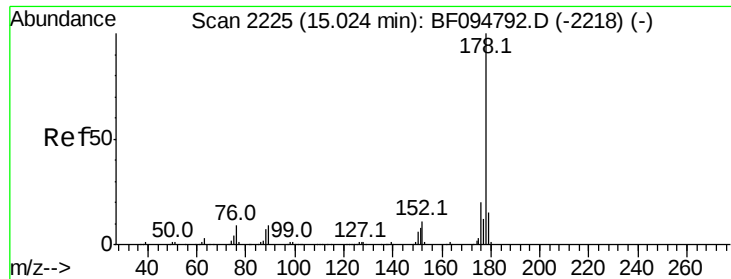
#69
Pentachlorophenol
Concen: 37.70 ng
RT: 14.77 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	73.2	51.1	76.7
264	62.5	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





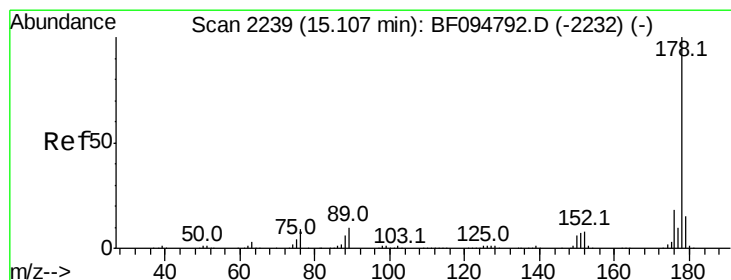
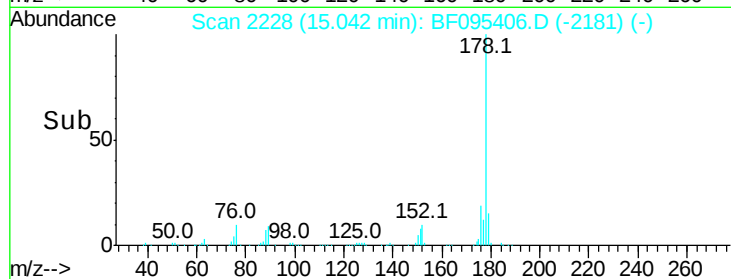
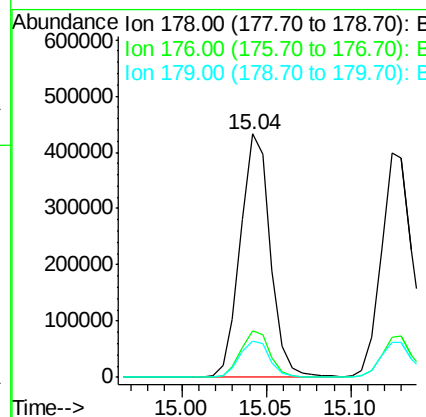
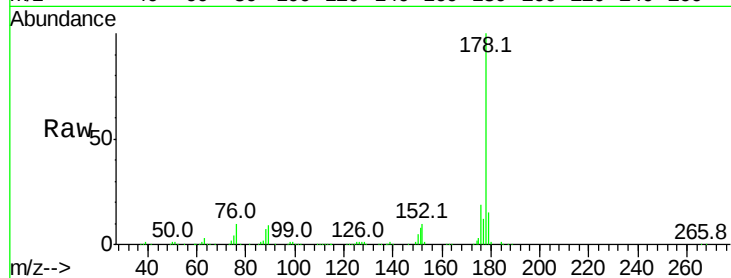
#70
Phenanthrene
Concen: 40.26 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.1	12.6	19.0

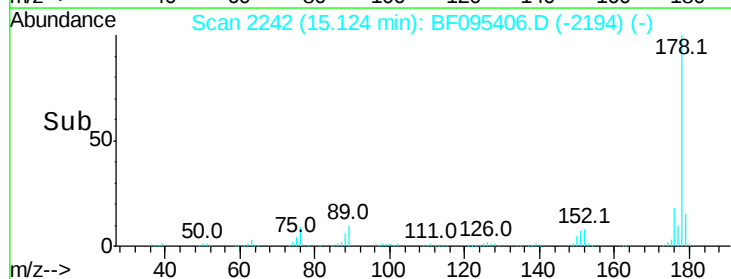
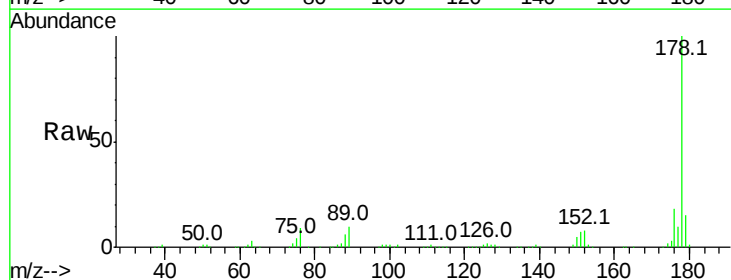
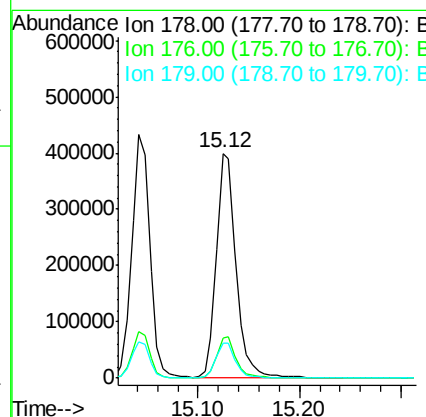
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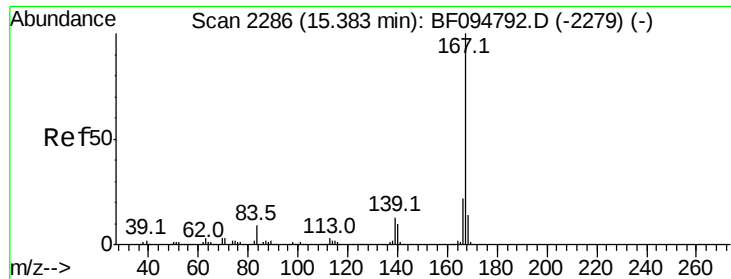
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#71
Anthracene
Concen: 39.56 ng
RT: 15.12 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.4	12.7	19.1





#72

Carbazole

Concen: 40.99 ng

RT: 15.41 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

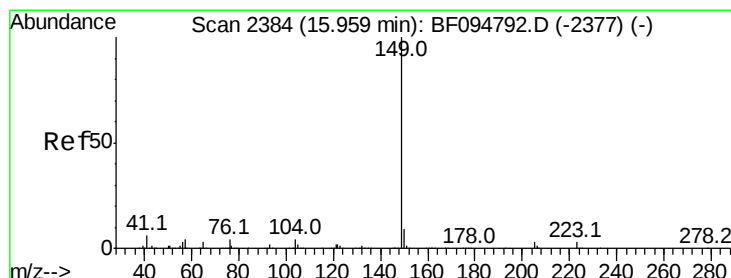
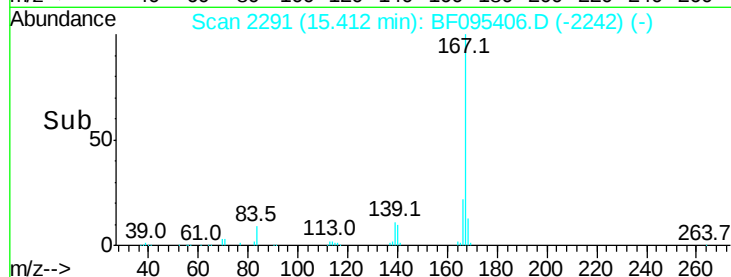
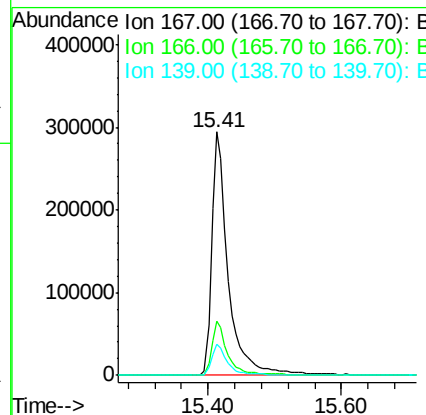
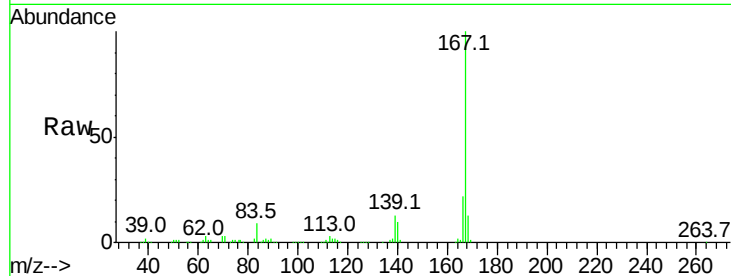
ClientSampleId :

SSTDCCC040

Tot Ion:	167	Resp:	507886
Ion Ratio		Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.0	11.7	17.5

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#73

Di-n-butylphthalate

Concen: 44.54 ng

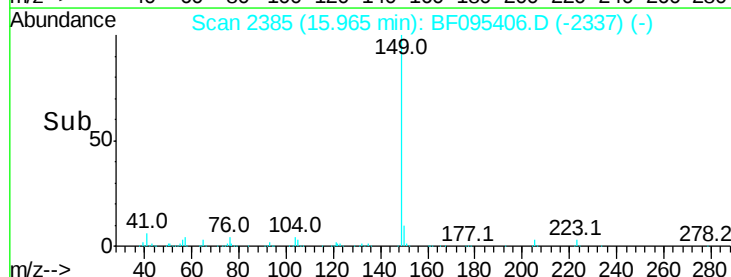
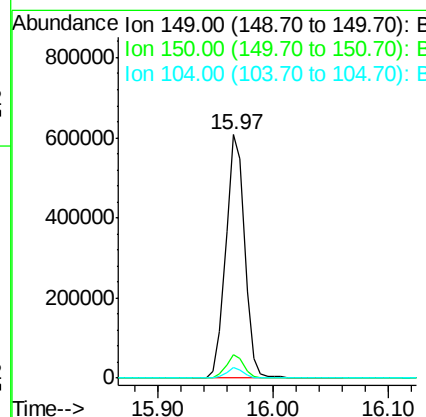
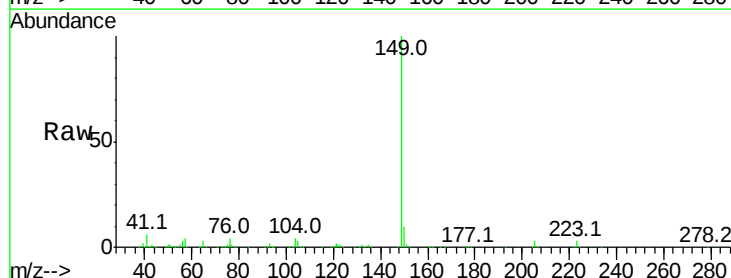
RT: 15.97 min Scan# 2385

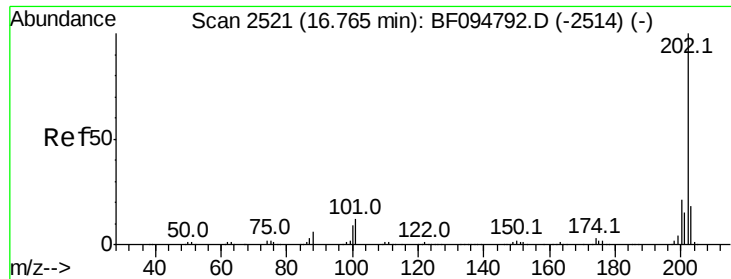
Delta R.T. -0.02 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:	149	Resp:	688216
Ion Ratio		Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.4	4.0	6.0





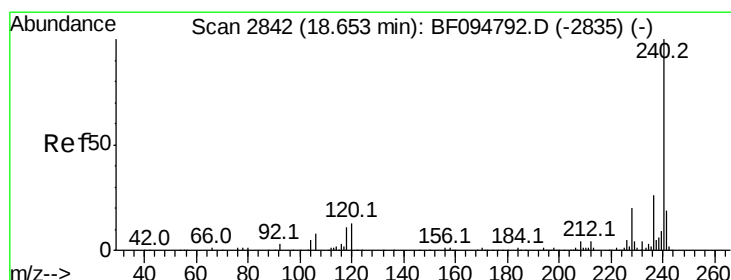
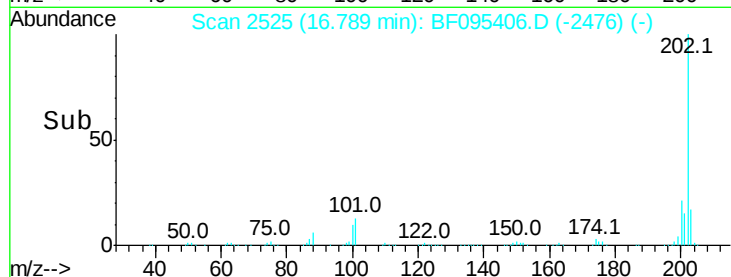
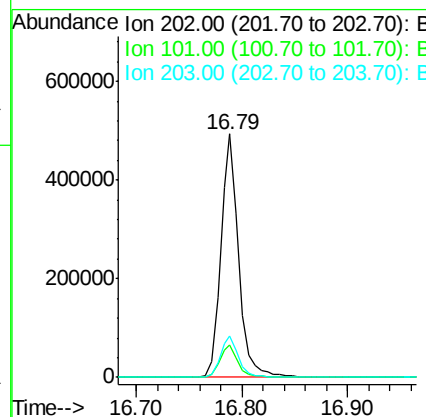
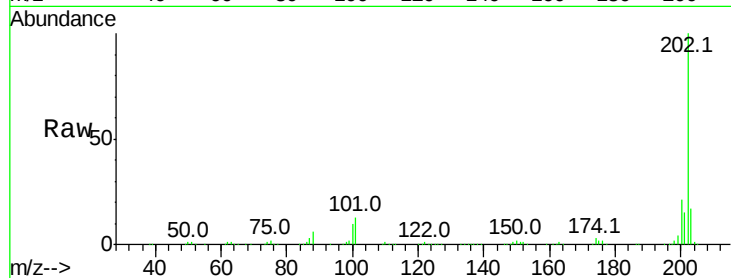
#74
 Fluoranthene
 Concen: 42.83 ng
 RT: 16.79 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.0	0.0	38.1

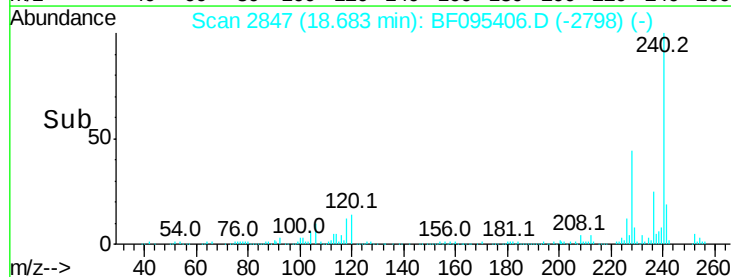
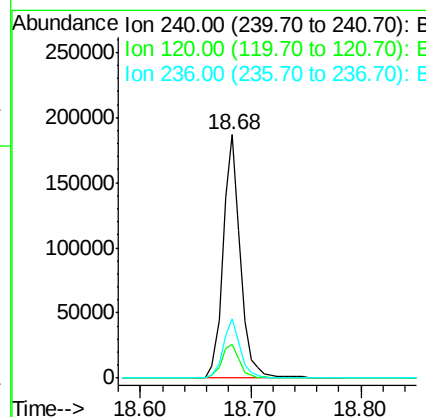
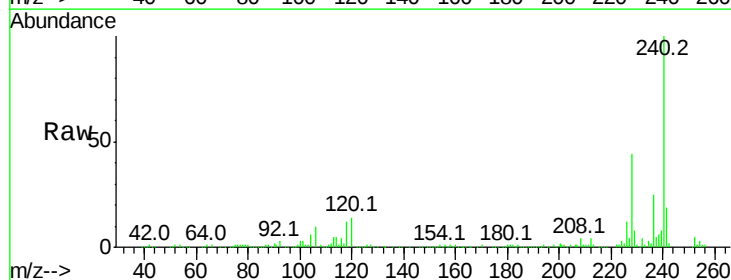
Manual Integrations
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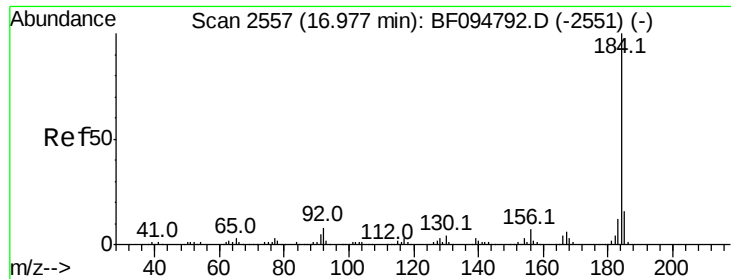
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.6	20.5	30.7





#76

Benzidine

Concen: 77.33 ng

RT: 17.02 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 448502

Ion Ratio Lower Upper

184 100

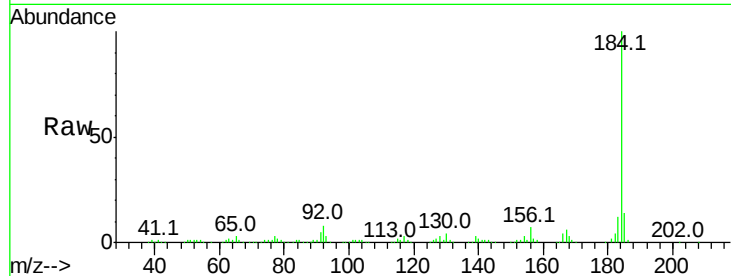
185 14.2 15.5 23.3#

183 12.1 9.8 14.6

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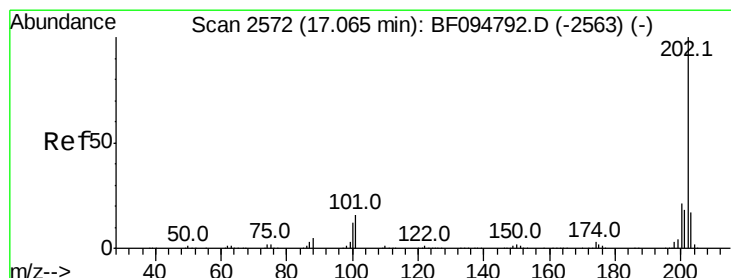
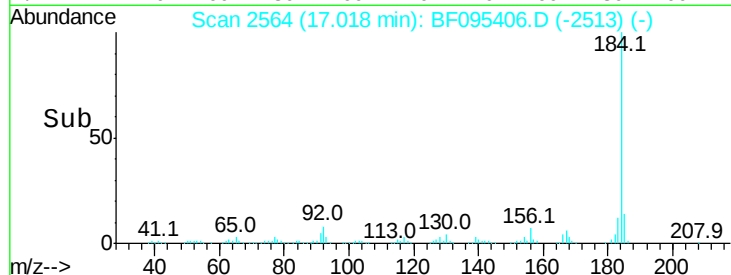
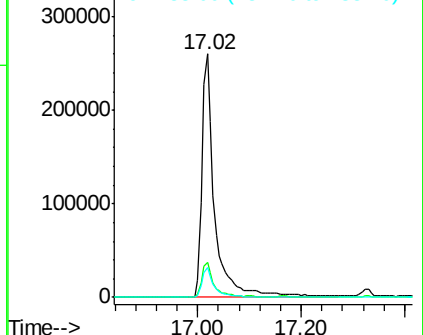
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 40.13 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

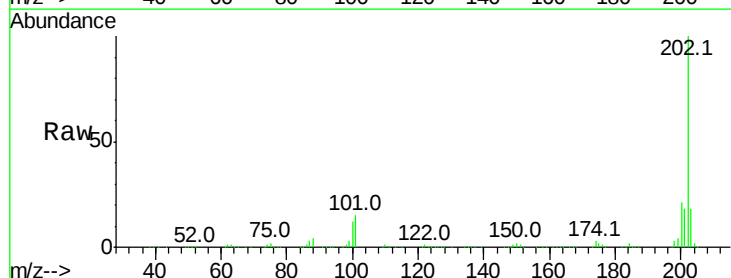
Tgt Ion:202 Resp: 607067

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

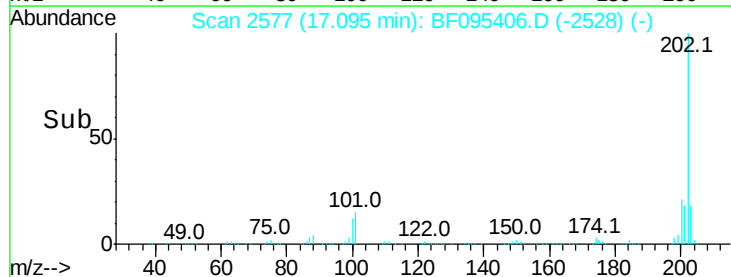
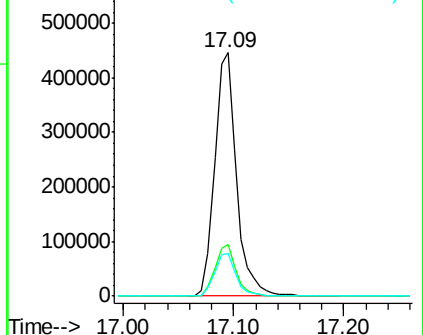
203 17.7 14.4 21.6

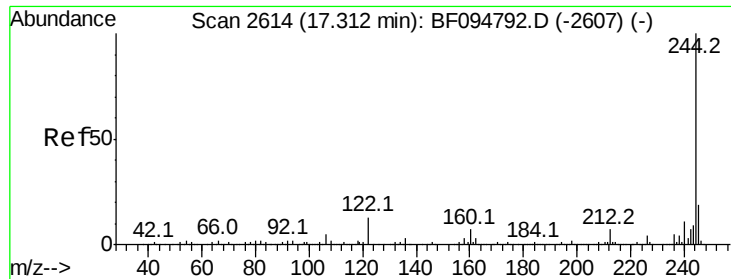


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





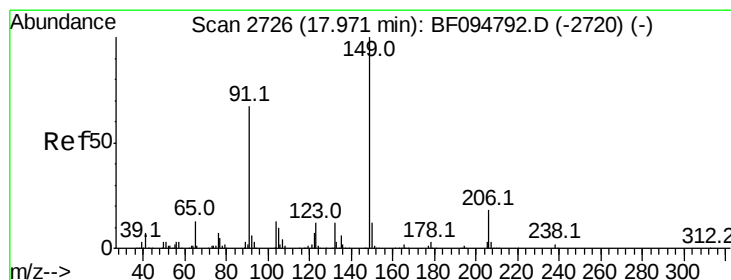
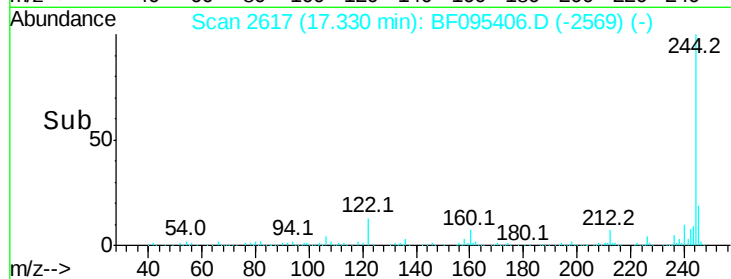
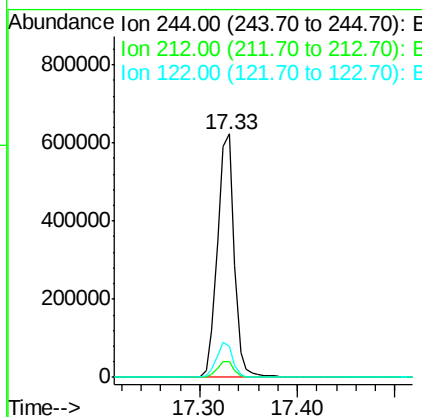
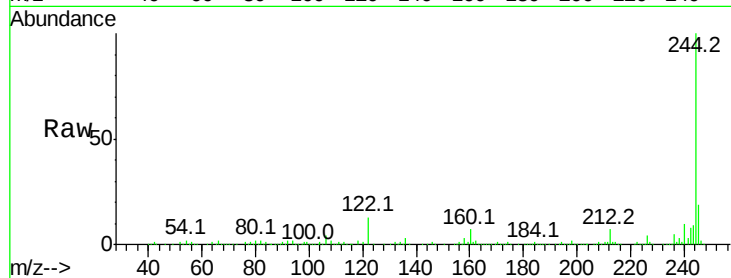
#78
 Terphenyl-d14
 Concen: 81.47 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	6.0	9.0	
122	12.9	10.3	15.5	

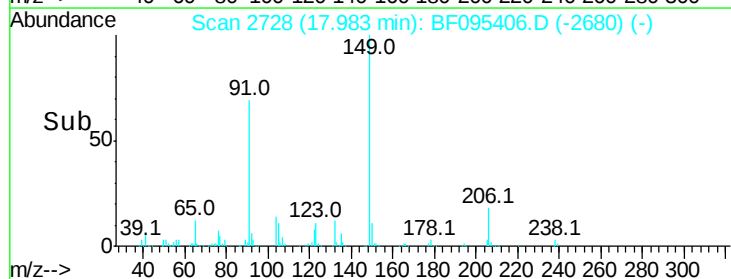
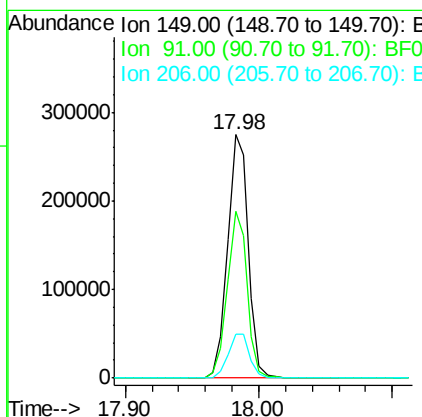
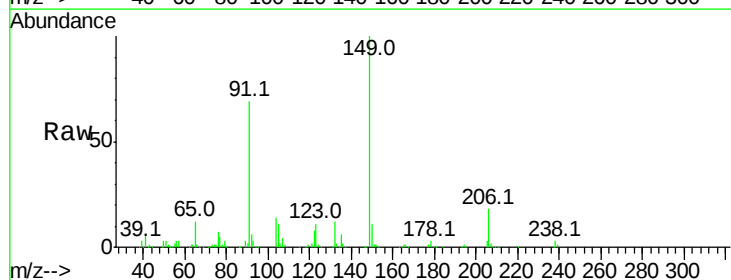
Manual Integrations
 APPROVED

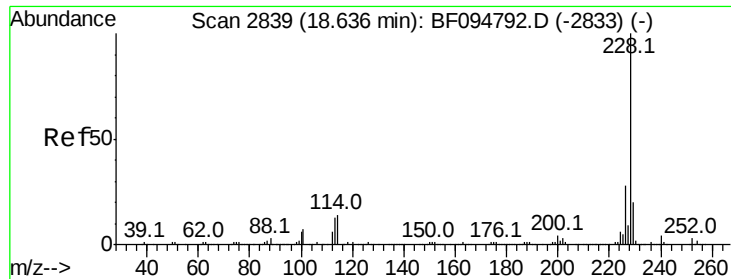
mohammad
 5/25/2017 8:52:51 AM



#79
 Butylbenzylphthalate
 Concen: 42.63 ng
 RT: 17.98 min Scan# 2728
 Delta R.T. -0.02 min
 Lab File: BF095406.D
 Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.8	45.0	67.4#	
206	17.9	17.0	25.6	





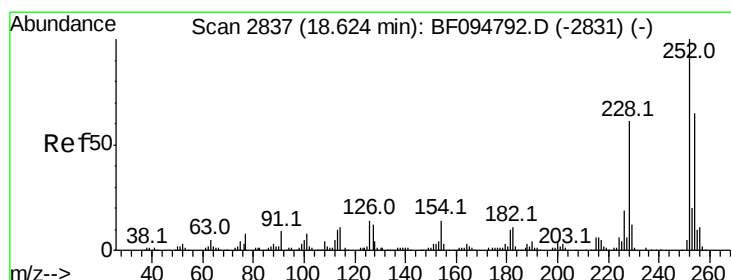
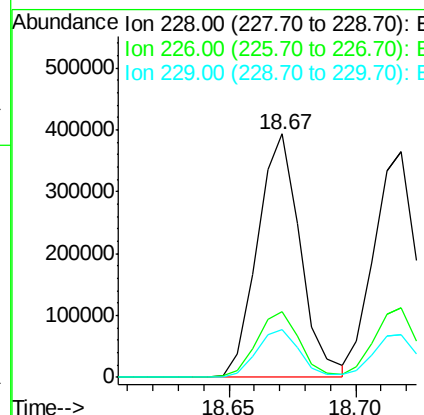
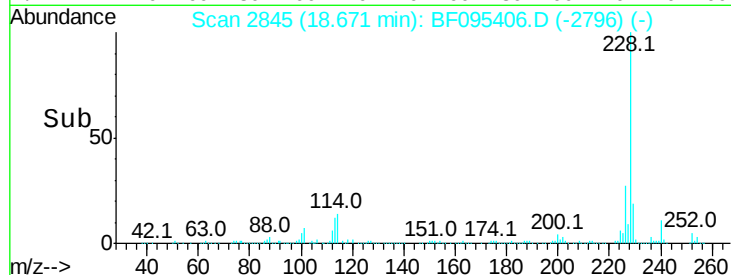
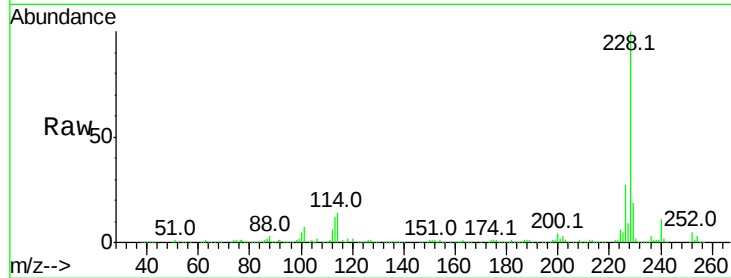
#80
Benzo(a)anthracene
Concen: 39.43 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.4	16.3	24.5

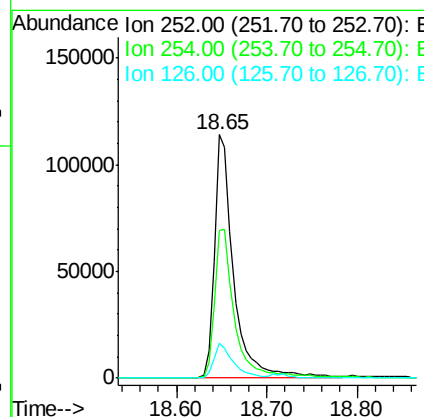
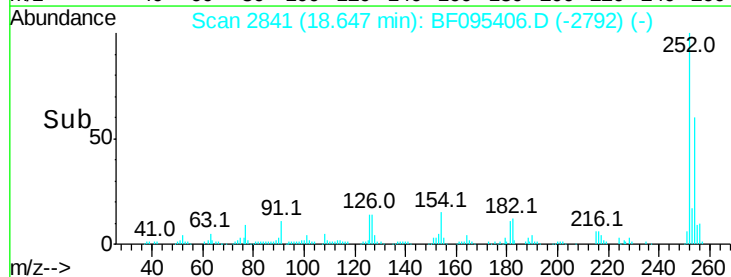
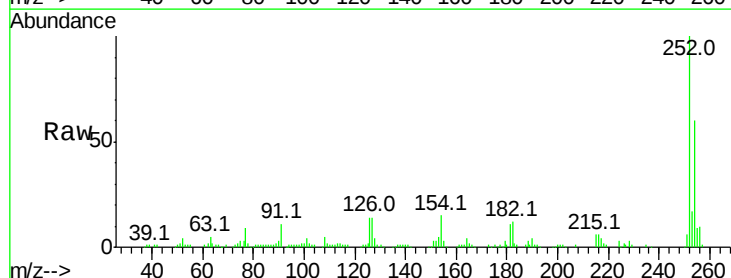
Manual Integrations
APPROVED

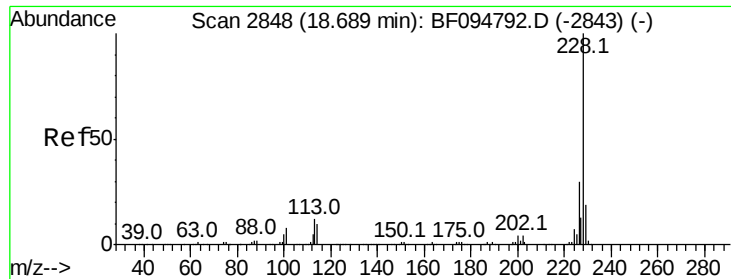
mohammad
5/25/2017 8:52:51 AM



#81
3,3'-Dichlorobenzidine
Concen: 41.65 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.5	51.5	77.3
126	14.4	15.8	23.8





#82

Chrysene

Concen: 39.82 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

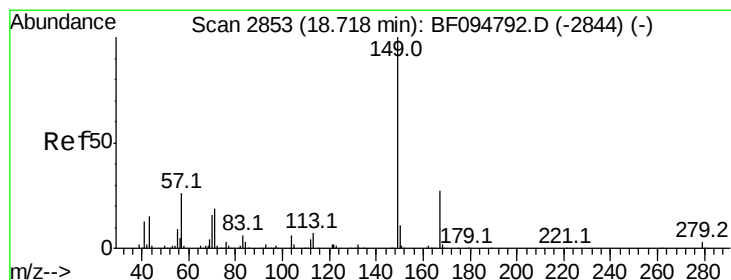
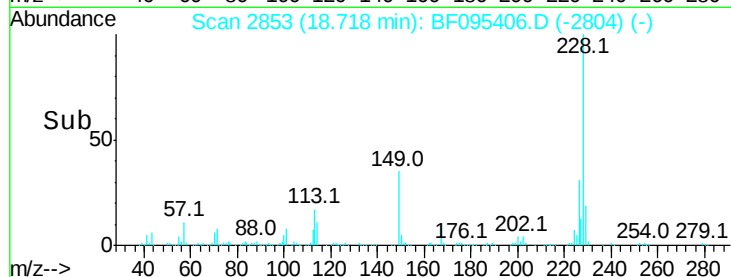
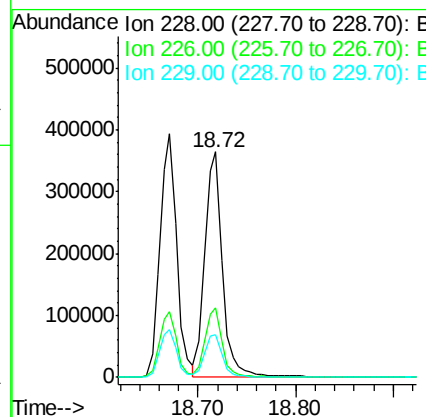
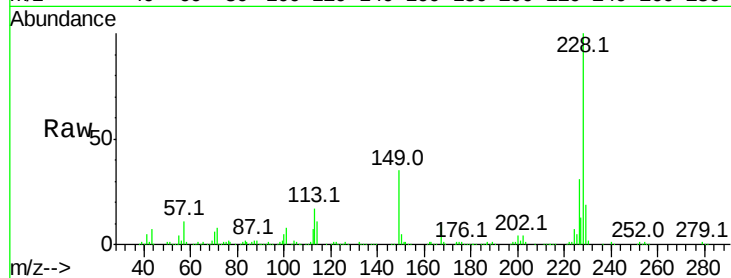
ClientSampled :

SSTDCCC040

Tot Ion:	228	Resp:	453225
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	19.2	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 41.50 ng

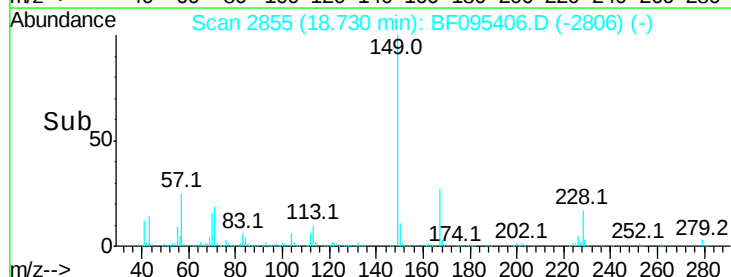
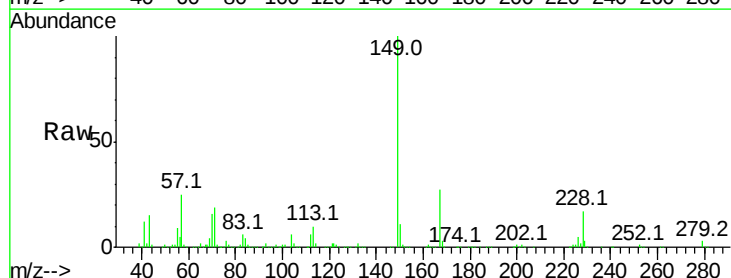
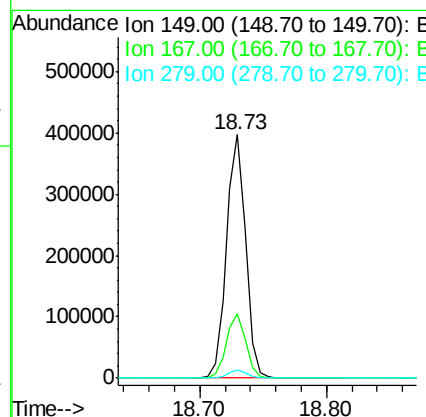
RT: 18.73 min Scan# 2855

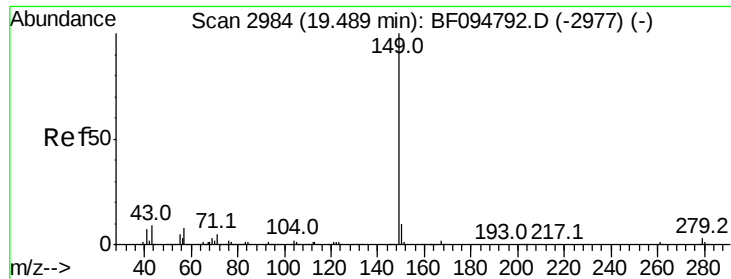
Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:	149	Resp:	415981
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.0	31.4
279	3.2	1.9	2.9#





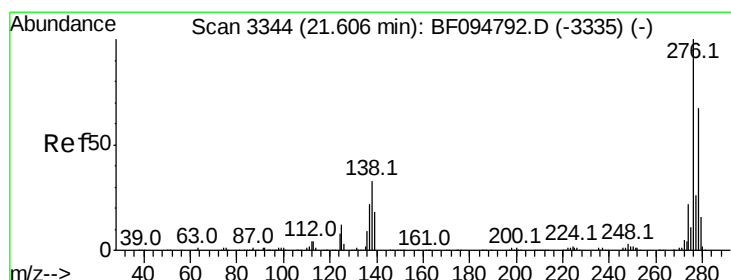
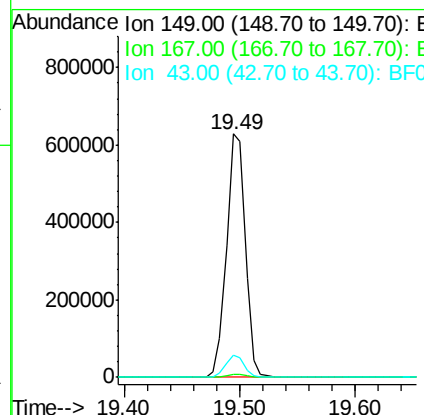
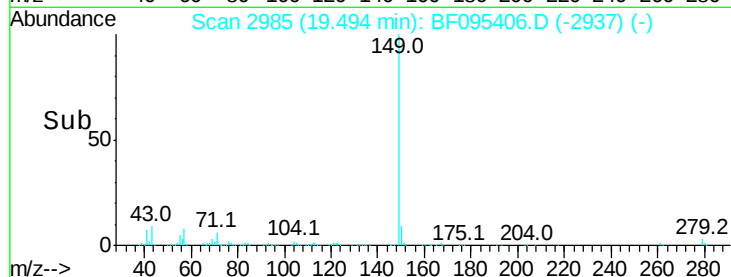
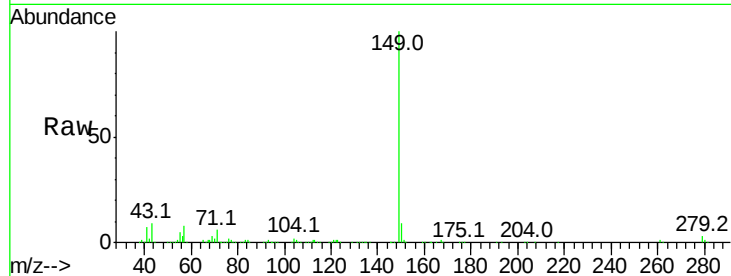
#84
Di-n-octyl phthalate
Concen: 43.46 ng
RT: 19.49 min Scan# 2985
Delta R.T. -0.02 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	8.5	12.7

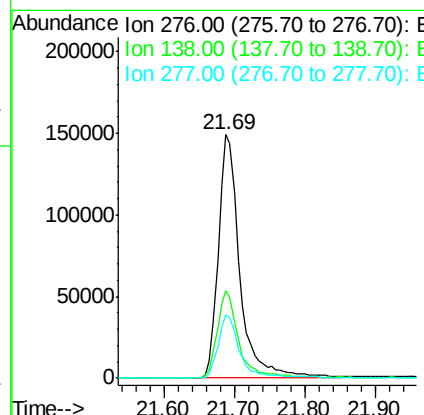
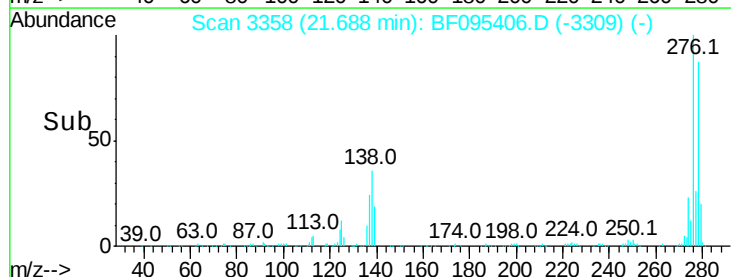
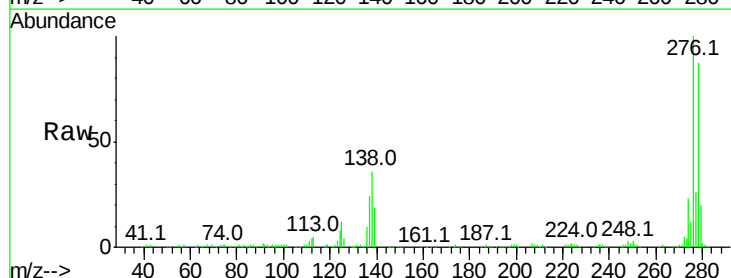
Manual Integrations
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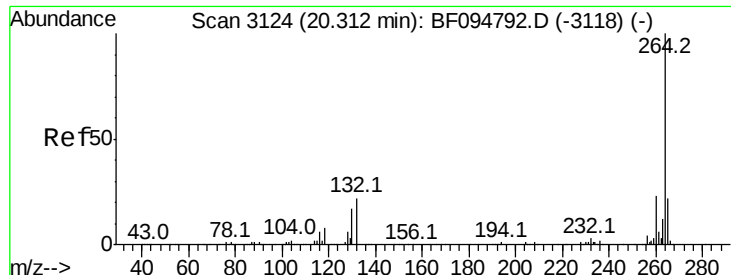
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 34.30 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	35.6	27.8	41.6
277	25.6	20.2	30.4





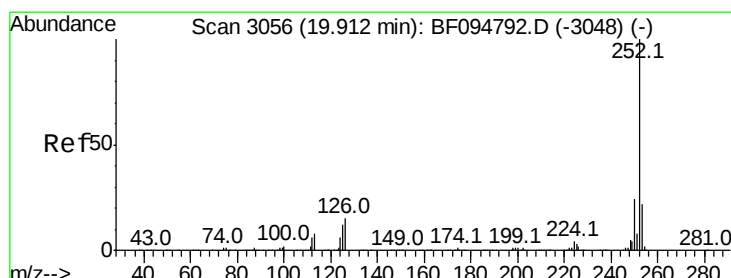
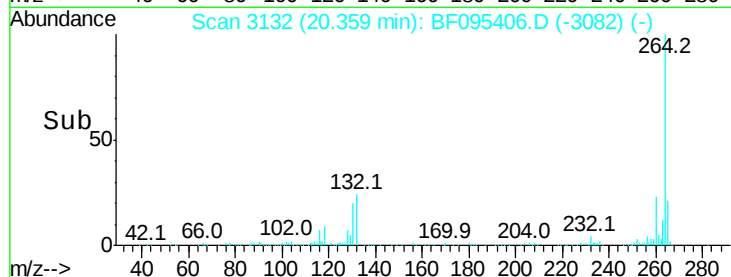
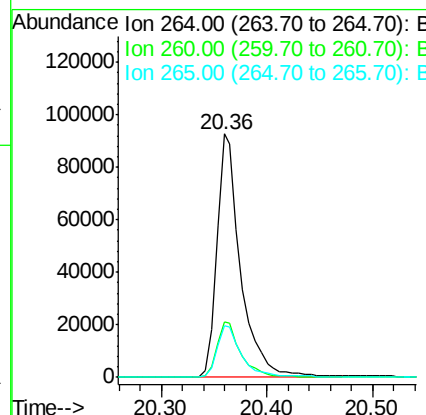
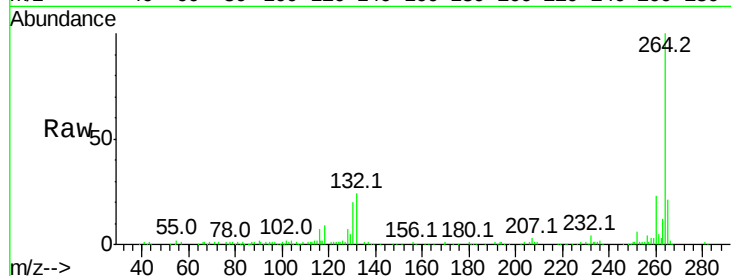
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.2	17.2	25.8

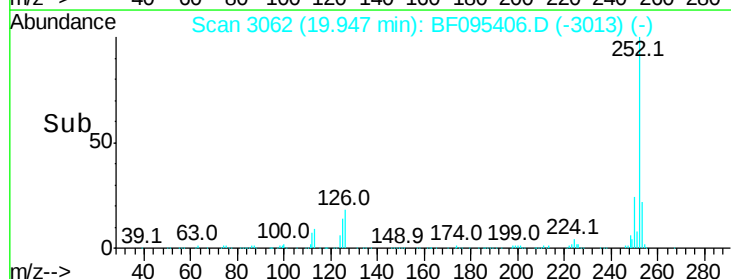
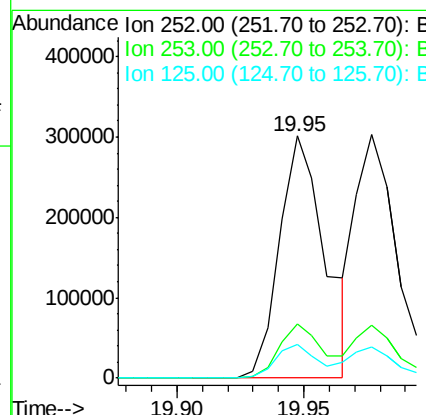
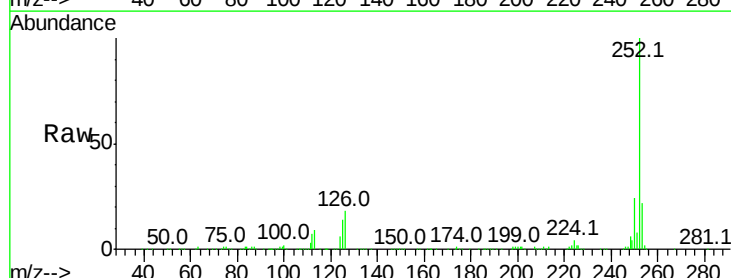
Manual Integrations
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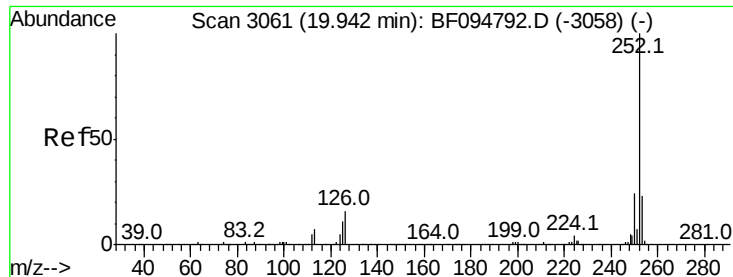
mohammad
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#87
Benzo(b)fluoranthene
Concen: 41.67 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.1	9.8	14.8





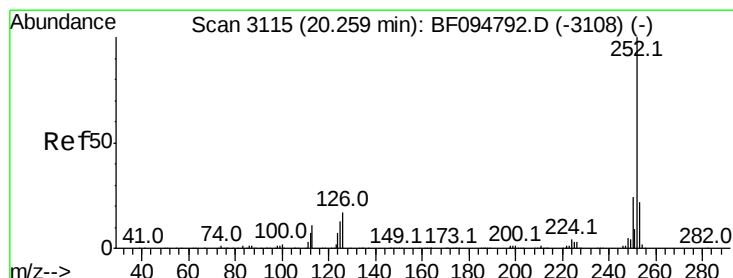
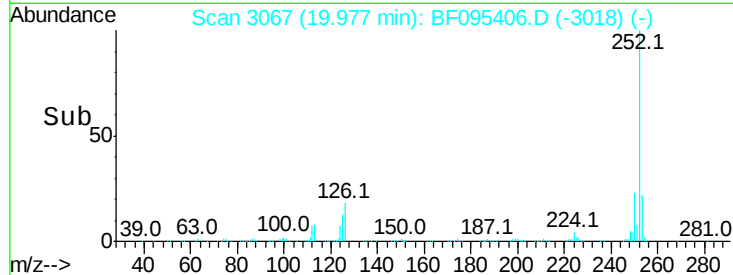
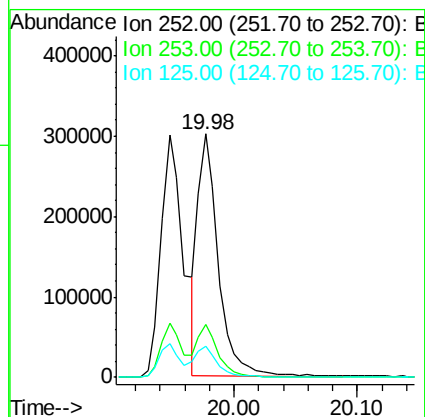
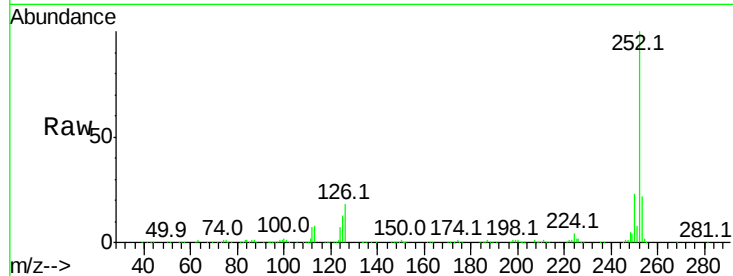
#88
Benzo(k)fluoranthene
Concen: 41.50 ng
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	12.7	13.1	19.7

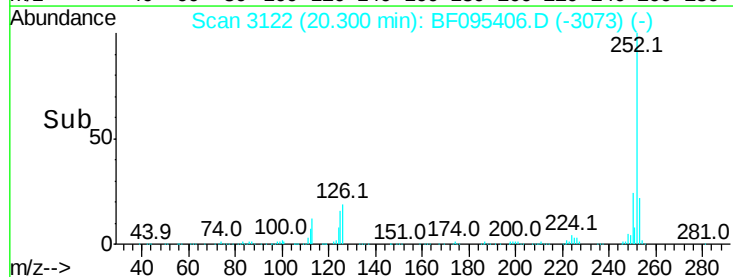
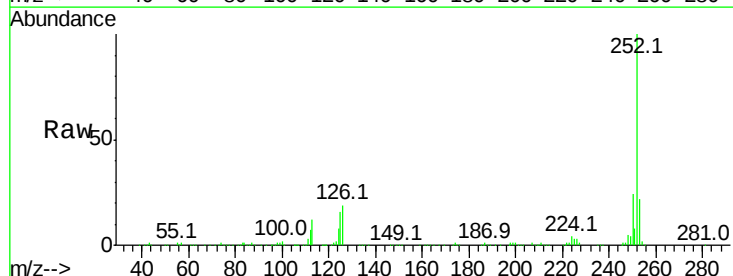
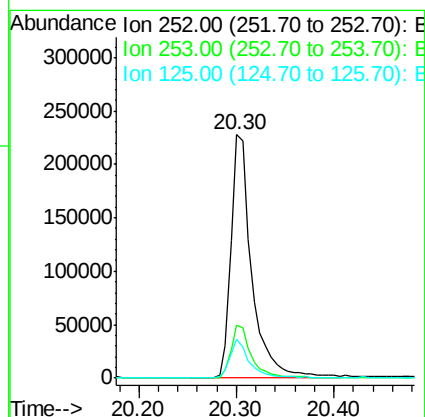
Manual Integrations
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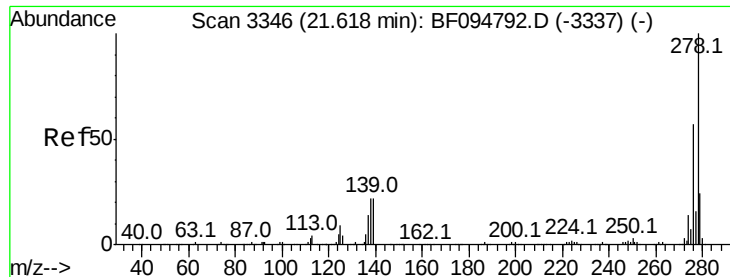
mohammad
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#89
Benzo(a)pyrene
Concen: 39.96 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095406.D
Acq: 25 May 2017 3:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.8	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 39.10 ng

RT: 21.69 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Instrument :

BNA_F

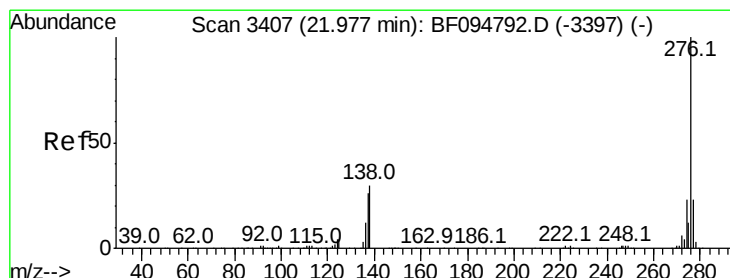
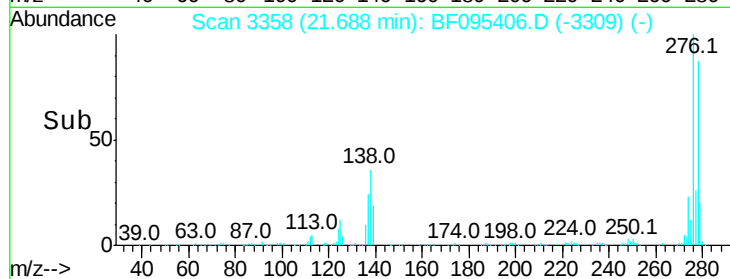
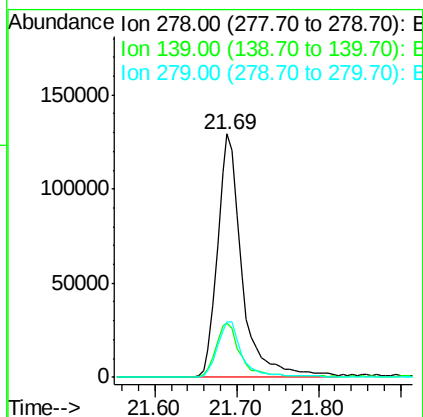
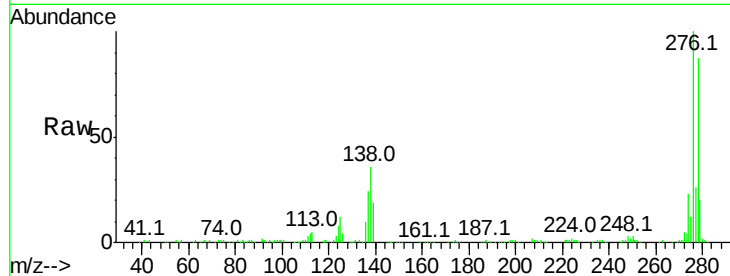
ClientSampleId :

SSTDCCC040

Tot Ion:	278	Resp:	270025
Ion Ratio	Lower	Upper	
278	100		
139	22.4	16.6	24.8
279	23.0	19.3	28.9

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 40.73 ng

RT: 22.08 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BF095406.D

Acq: 25 May 2017 3:51

Tgt Ion:	276	Resp:	276006
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	31.5	25.4	38.0

