Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111317\
Data File : BM012934.D
Acq On : 13 Nov 2017 14:50
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 14 02:11:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 01:20:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	79947	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.57	136	309242	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	182416	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.17	188	419544	20.00	ng/ul	-0.02
77) Chrysene-d12	21.36	240	495429	20.00	ng/ul	-0.01
85) Perylene-d12	23.63	264	548378	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12939	8.74	ng/uL	-0.01
5) Phenol-d5	6.96	99	115884	19.48	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.12	67	64357	19.96	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.32	132	93844	18.94	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	96913	18.87	ng/ul	-0.02
19) Nitrobenzene-d5	8.94	128	44411	19.44	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.66	143	49999	19.13	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.20	165	101259	18.89	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.71	131	114978	22.23	ng/ul	-0.02
43) Dimethylphthalate-d6	13.83	166	288431	19.11	ng/ul	-0.02
46) Acenaphthylene-d8	14.12	160	362318	19.41	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	39590	16.37	ng/ul	-0.01
57) Fluorene-d10	15.42	176	248083	19.19	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.56	200	41474	14.97	ng/ul	-0.01
70) Anthracene-d10	17.27	188	386944	19.09	ng/ul	-0.02
78) Pyrene-d10	19.56	212	426499	18.55	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.49	264	495211	19.10	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	13803	8.31	ng/uL#	88
4) Benzaldehyde	6.93	77	74776	23.63	ng/ul	97
6) Phenol	6.99	94	117962	19.32	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.21	93	92144	20.13	ng/ul	99
10) 2-Chlorophenol	7.35	128	99877	19.57	ng/ul	98
11) 2-Methylphenol	8.23	108	88626	19.07	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	56878	15.04	ng/ul#	77
14) Acetophenone	8.60	105	145353	18.81	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.59	70	69873	18.81	ng/ul	91
16) 4-Methylphenol	8.56	108	96368	19.11	ng/ul	97
17) Hexachloroethane	8.85	117	40441	19.68	ng/ul#	77
20) Nitrobenzene	8.99	77	101511	18.88	ng/ul	100
21) Isophorone	9.50	82	189831	19.60	ng/ul	98
23) 2-Nitrophenol	9.69	139	54363	19.31	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	110660	19.33	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.99	93	120714	20.00	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	99149	18.98	ng/ul	99
28) Naphthalene	10.62	128	300980	19.47	ng/ul	100
30) 4-Chloroaniline	10.74	127	116978	22.50	ng/ul	99
31) Hexachlorobutadiene	10.90	225	75746	18.44	ng/ul	99
32) Caprolactam	11.52	113	26942	18.34	ng/ul	80
33) 4-Chloro-3-methylphenol	11.87	107	97984	19.29	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	224209	18.98	ng/ul	100

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Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 14 02:11:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 01:20:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	134205	19.00	ng/ul#	97
37) Hexachlorocyclopentadiene	12.58	237	11345	3.15	ng/ul	94
38) 2,4,6-Trichlorophenol	12.86	196	83891	18.80	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	83170	17.86	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	293924	19.48	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	230133	19.31	ng/ul	95
42) 2-Nitroaniline	13.51	65	54000	19.17	ng/ul	97
44) Dimethylphthalate	13.88	163	283524	18.93	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	57017	19.02	ng/ul	98
47) Acenaphthylene	14.15	152	351887	19.44	ng/ul	98
48) 3-Nitroaniline	14.34	138	53834	21.29	ng/ul	99
49) Acenaphthene	14.49	153	237940	19.30	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	21142	11.29	ng/ul	88
52) 4-Nitrophenol	14.66	109	31729	14.87	ng/ul	97
53) Dibenzofuran	14.82	168	349821	19.45	ng/ul	92
54) 2,4-Dinitrotoluene	14.80	165	83043	18.83	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	77995	18.05	ng/ul#	88
56) Diethylphthalate	15.25	149	275376	18.93	ng/ul	95
58) Fluorene	15.47	166	286042	19.15	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	156139	18.81	ng/ul#	87
60) 4-Nitroaniline	15.50	138	59511	20.22	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	44624	15.30	ng/ul	97
64) N-Nitrosodiphenylamine	15.68	169	246627	19.47	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	104724	19.21	ng/ul#	81
66) Hexachlorobenzene	16.48	284	117939	19.16	ng/ul#	84
67) Atrazine	16.63	200	95489	18.88	ng/ul	98
68) Pentachlorophenol	16.83	266	52072	14.81	ng/ul	99
69) Phenanthrene	17.22	178	446413	19.47	ng/ul	99
71) Anthracene	17.30	178	463879	19.51	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.22	216	131567	19.19	ng/uL	99
73) Pentachlorobenzene	14.75	250	134510	19.17	ng/uL	99
74) Carbazole	17.57	167	388300	19.58	ng/ul	98
75) Di-n-butylphthalate	18.13	149	462434	19.90	ng/ul	100
76) Fluoranthene	19.23	202	535845	19.45	ng/ul	96
79) Pyrene	19.59	202	559544	18.93	ng/ul	96
80) Butylbenzylphthalate	20.49	149	208440	19.34	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.27	252	205314	18.74	ng/ul#	96
82) Benzo(a)anthracene	21.34	228	575231	19.19	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	308878	19.67	ng/ul#	94
84) Chrysene	21.39	228	519171	19.11	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	530547	18.39	ng/ul#	96
87) Benzo(b)fluoranthene	22.94	252	628396	18.75	ng/ul#	96
88) Benzo(k)fluoranthene	22.99	252	594308	18.66	ng/ul#	97
90) Benzo(a)pyrene	23.53	252	602746	18.90	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.94	276	771528	20.08	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.94	278	651900	20.04	ng/ul#	94
93) Benzo(g,h,i)perylene	26.65	276	635072	20.05	ng/ul#	90

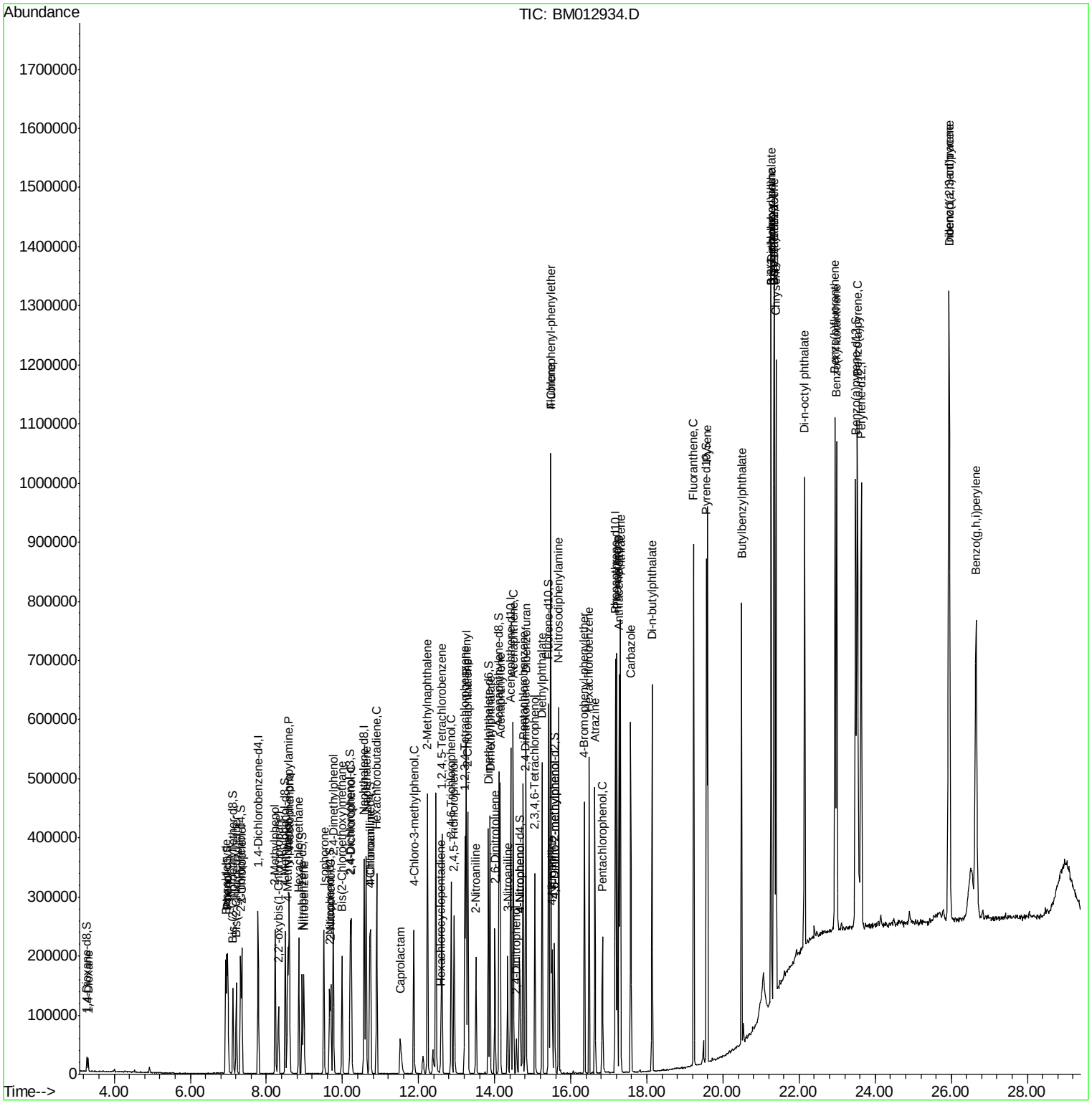
(#) = qualifier out of range (m) = manual integration (+) = signals summed

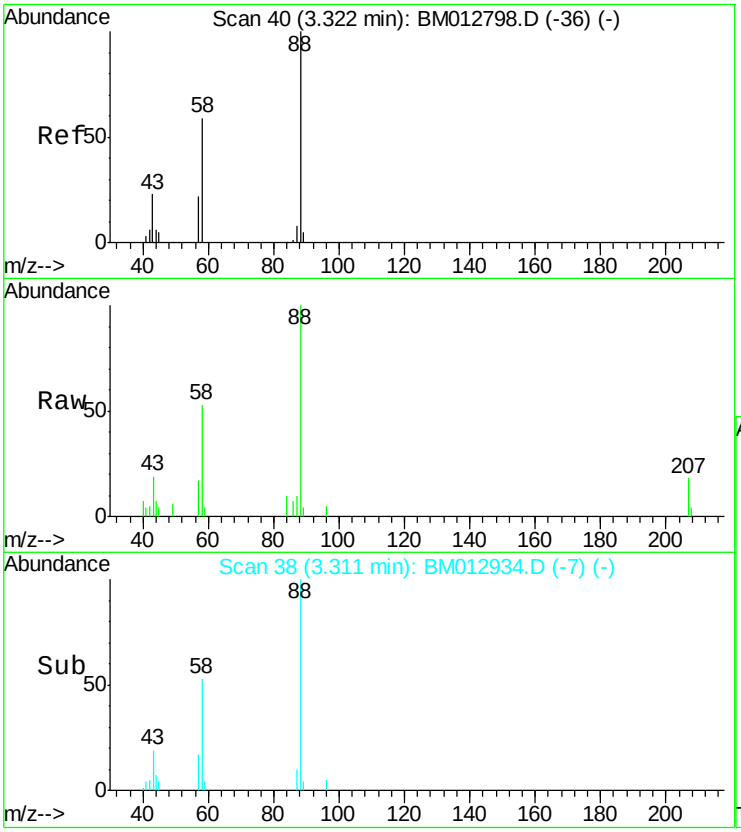
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111317\
Data File : BM012934.D
Acq On : 13 Nov 2017 14:50
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 14 02:11:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 01:20:51 2017
Response via : Initial Calibration



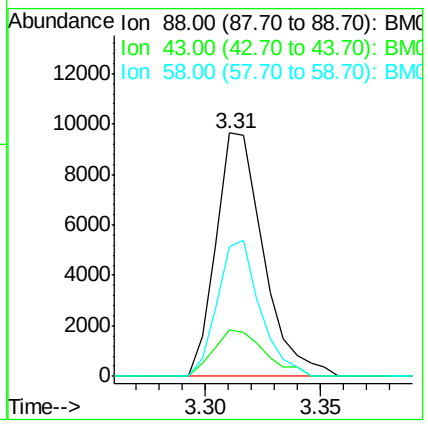


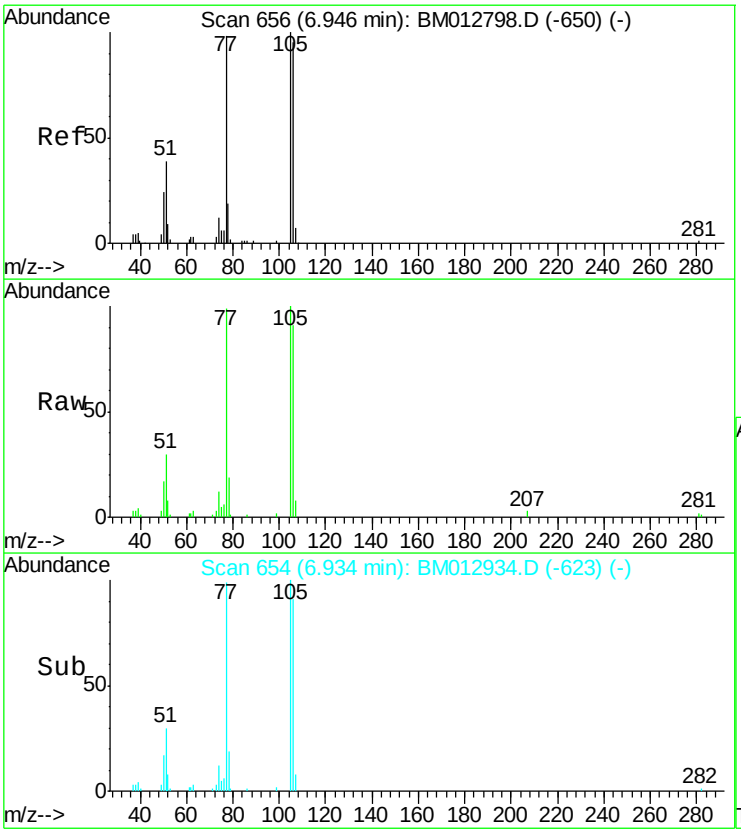
#2
1,4-Dioxane
Concen: 8.31 ng/uL
RT: 3.31 min Scan# 38
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 13803

Ion	Ratio	Lower	Upper
88	100		
43	20.3	21.0	31.6#
58	50.1	47.8	71.8

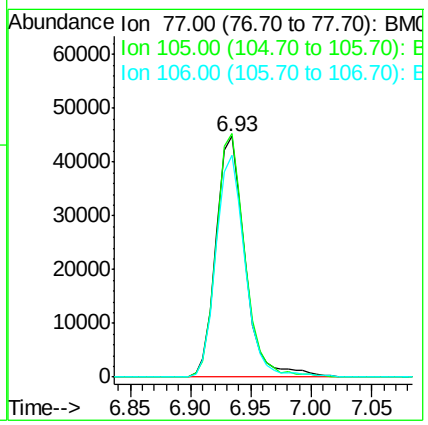


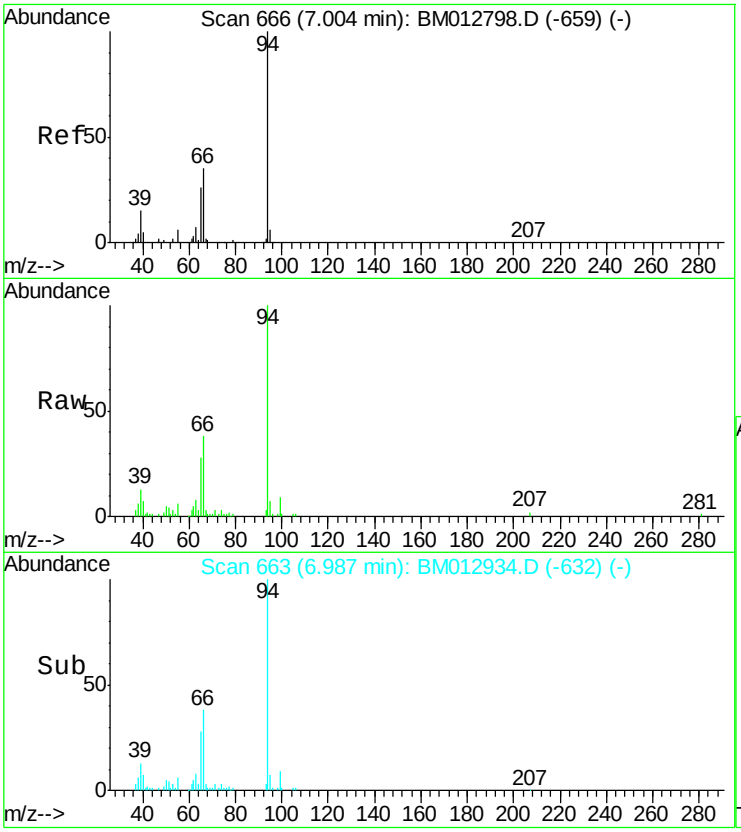


#4
Benzaldehyde
Concen: 23.63 ng/ul
RT: 6.93 min Scan# 654
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion: 77 Resp: 74776

Ion	Ratio	Lower	Upper
77	100		
105	101.1	80.6	120.8
106	91.9	77.7	116.5



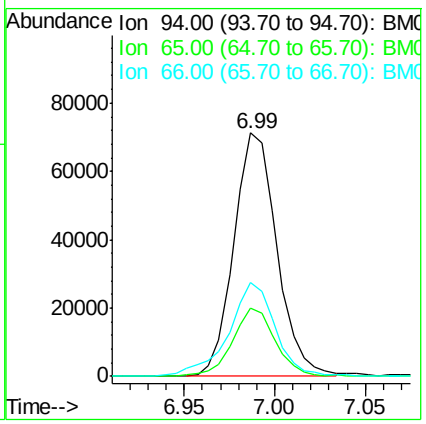


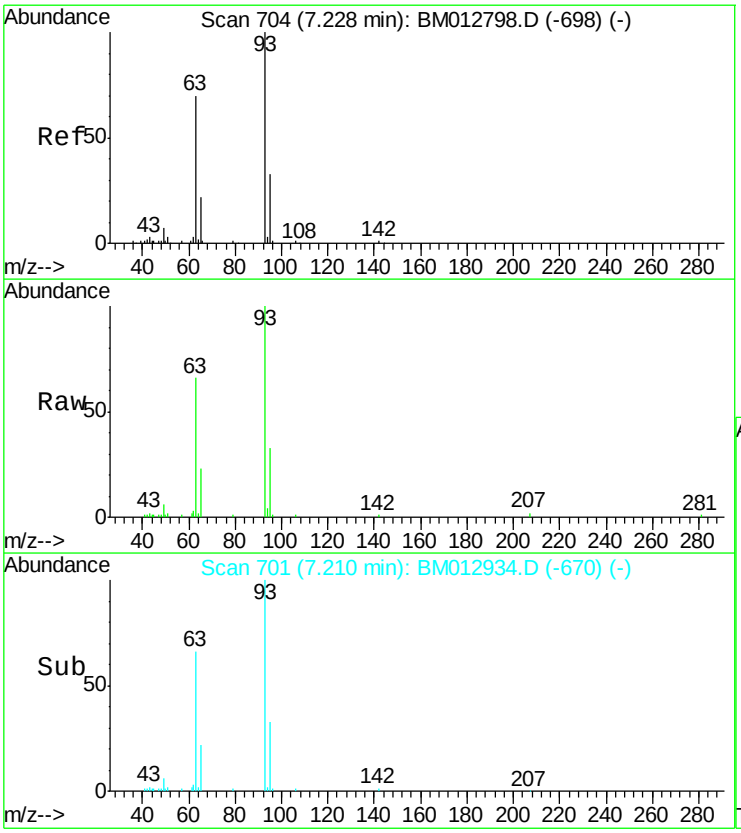
#6
Phenol
Concen: 19.32 ng/ul
RT: 6.99 min Scan# 663
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 117962

Ion	Ratio	Lower	Upper
94	100		
65	27.9	21.0	31.6
66	38.4	29.3	43.9

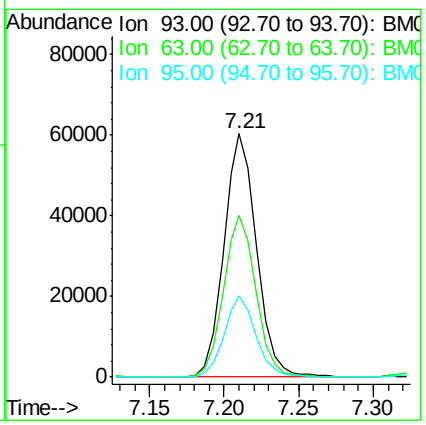


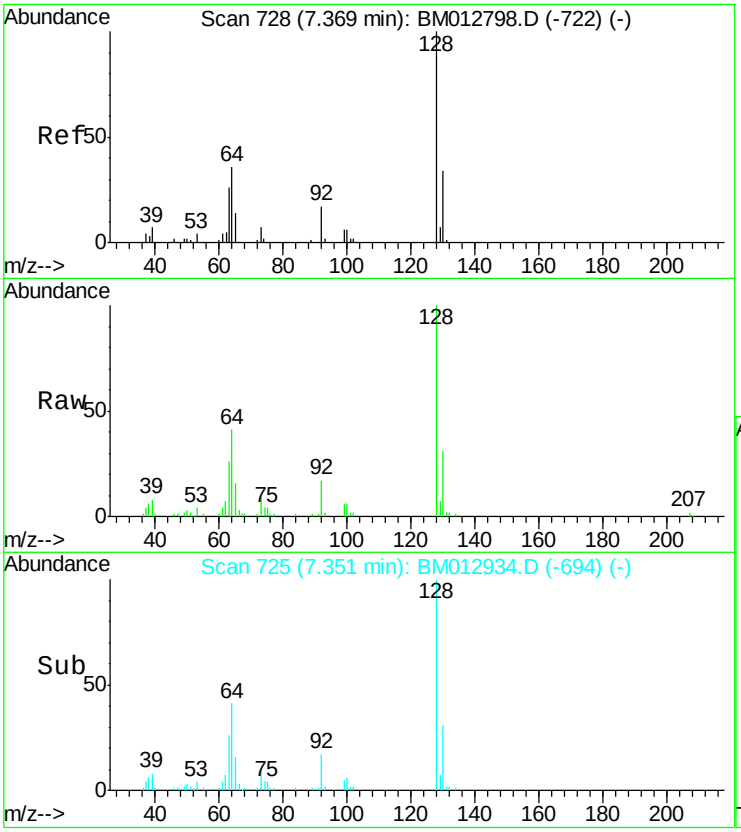


#8
Bis(2-Chloroethyl)ether
Concen: 20.13 ng/ul
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion: 93 Resp: 92144

Ion	Ratio	Lower	Upper
93	100		
63	66.3	53.5	80.3
95	33.2	26.2	39.2



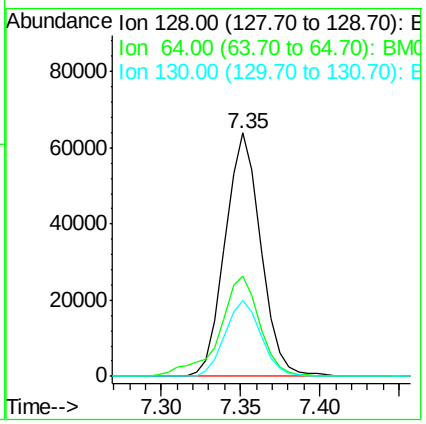


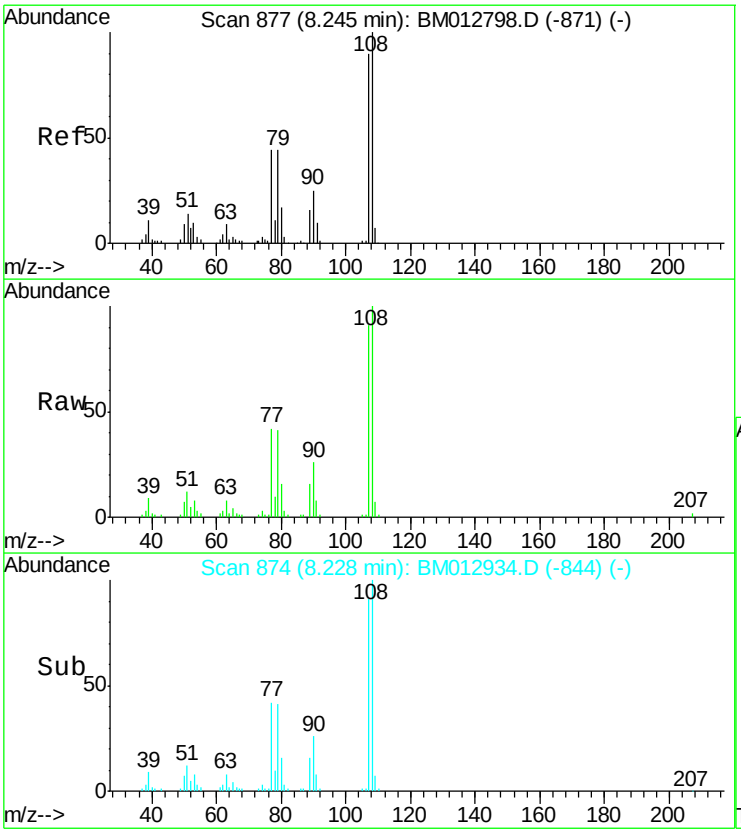
#10
2-Chlorophenol
Concen: 19.57 ng/ul
RT: 7.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 99877

Ion	Ratio	Lower	Upper
128	100		
64	41.1	31.9	47.9
130	31.3	25.6	38.4

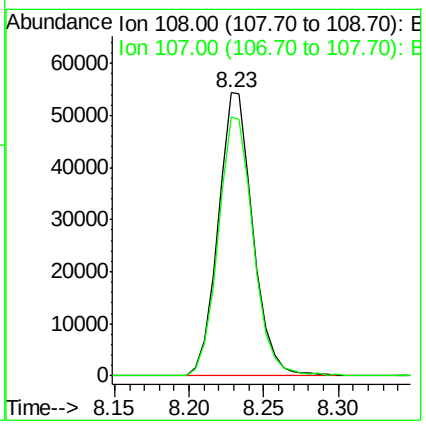


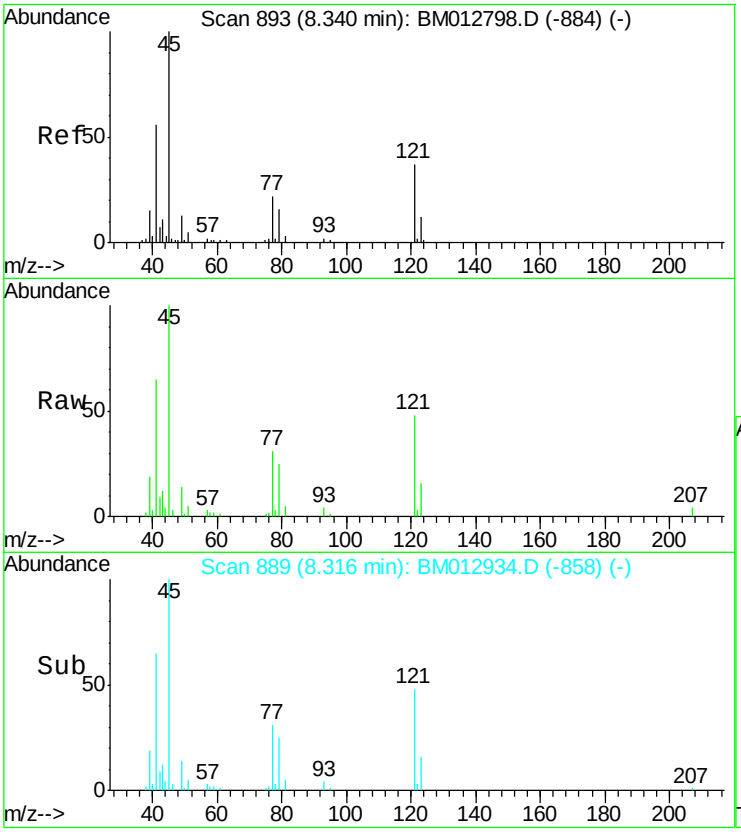


#11
2-Methylphenol
Concen: 19.07 ng/ul
RT: 8.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:108 Resp: 88626

Ion	Ratio	Lower	Upper
108	100		
107	91.3	72.4	108.6



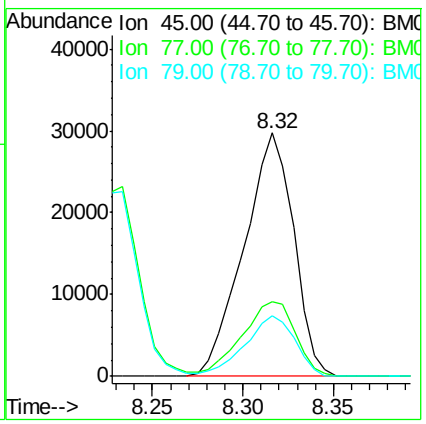


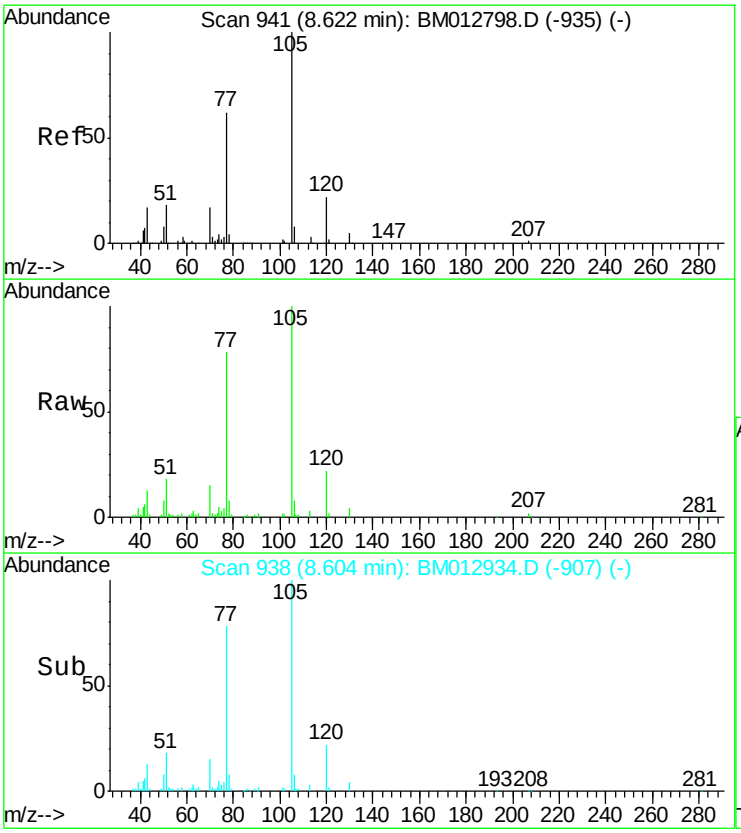
#12
2,2'-oxybis(1-Chloropropane)
Concen: 15.04 ng/ul
RT: 8.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 56878

Ion	Ratio	Lower	Upper
45	100		
77	30.5	15.9	23.9#
79	25.0	12.5	18.7#

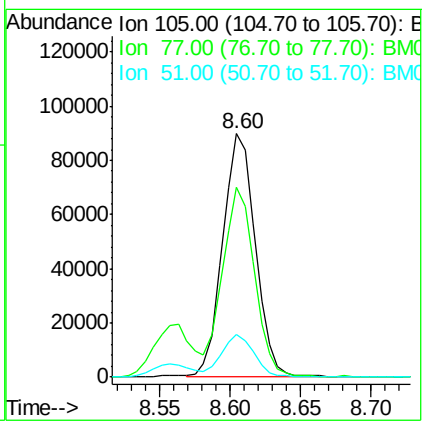


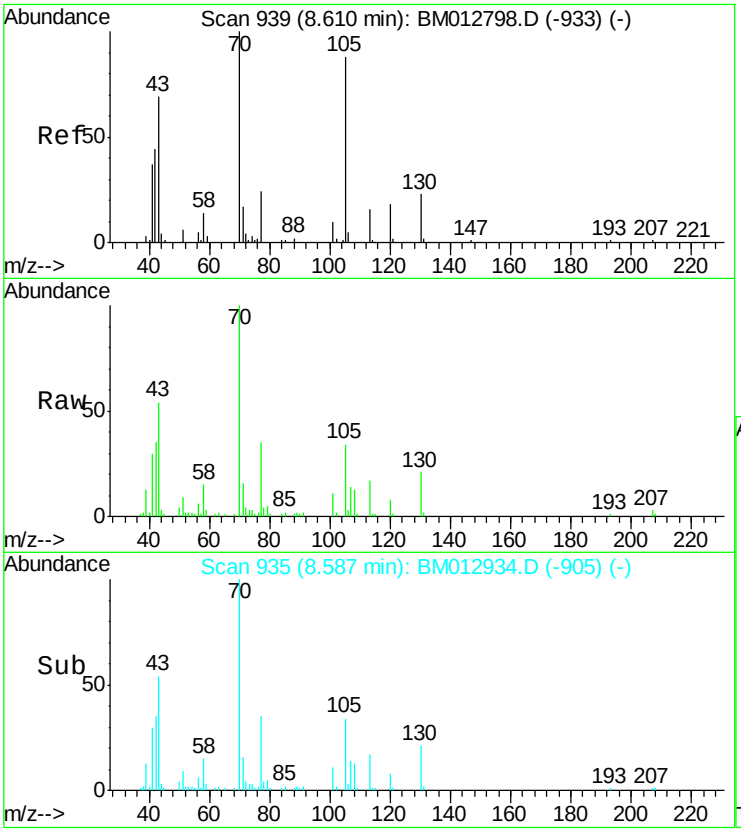


#14
Acetophenone
Concen: 18.81 ng/ul
RT: 8.60 min Scan# 938
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:105 Resp: 145353

Ion	Ratio	Lower	Upper
105	100		
77	77.9	59.0	88.4
51	17.6	16.4	24.6



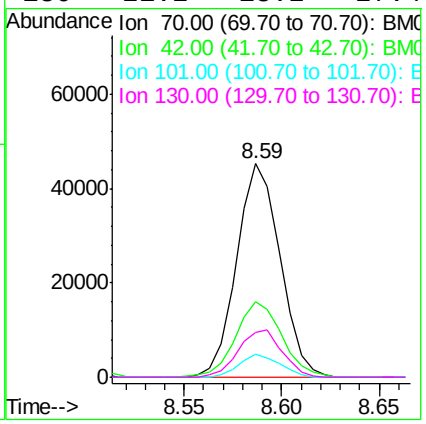


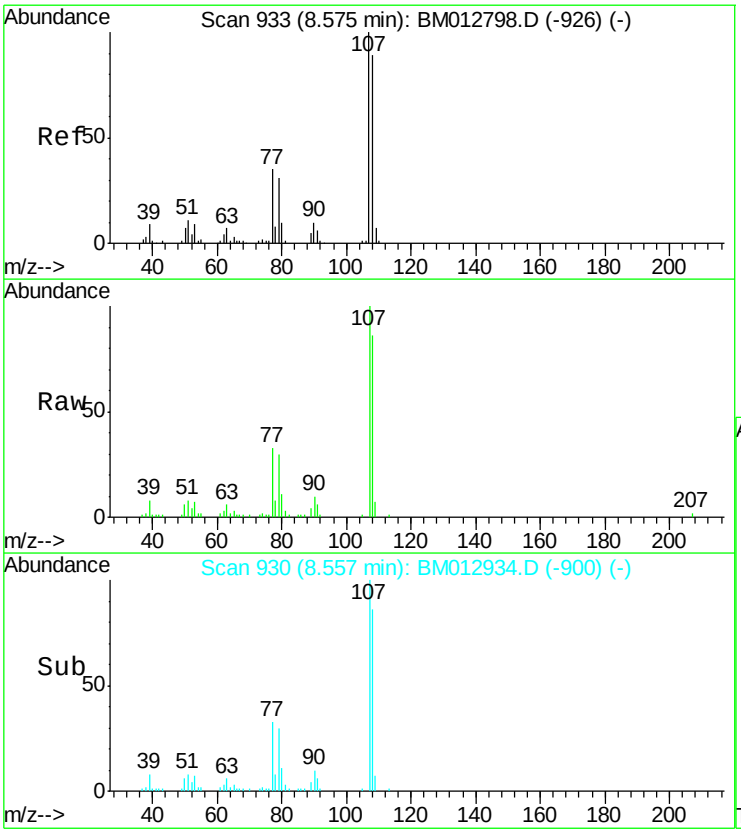
#15
N-Nitroso-di-n-propylamine
Concen: 18.81 ng/ul
RT: 8.59 min Scan# 935
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 69873

Ion	Ratio	Lower	Upper
70	100		
42	35.4	35.4	53.0
101	10.6	8.4	12.6
130	21.2	18.2	27.4

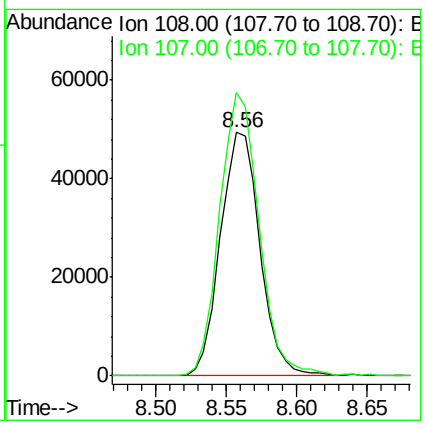


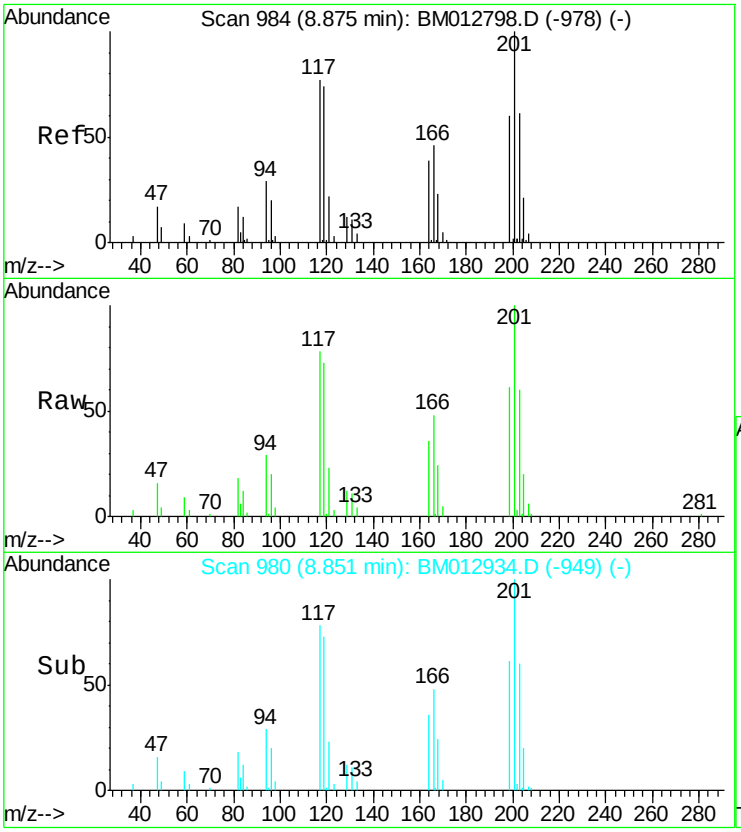


#16
4-Methylphenol
Concen: 19.11 ng/ul
RT: 8.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:108 Resp: 96368

Ion	Ratio	Lower	Upper
108	100		
107	116.4	90.3	135.5



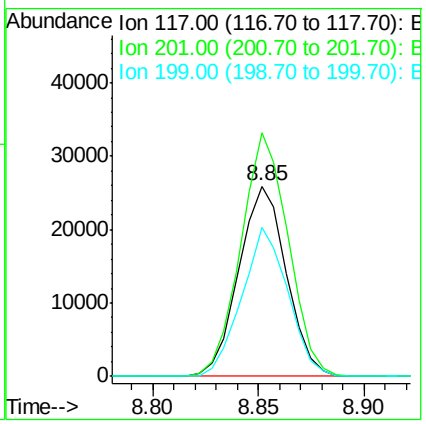


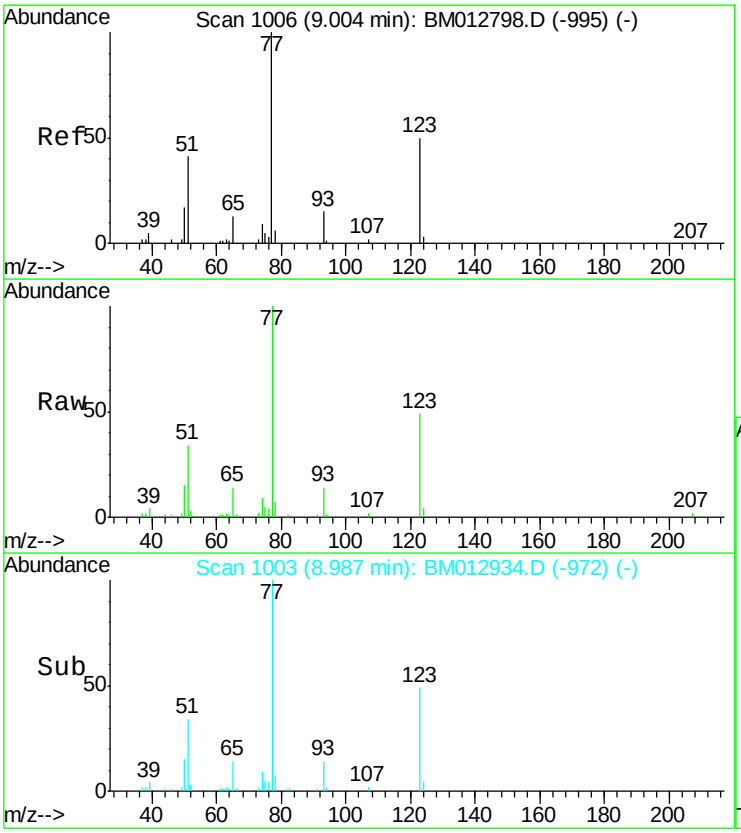
#17
Hexachloroethane
Concen: 19.68 ng/ul
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 40441

Ion	Ratio	Lower	Upper
117	100		
201	127.9	81.5	122.3#
199	78.5	50.6	76.0#

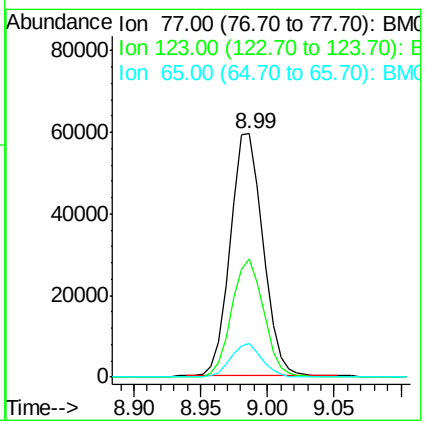


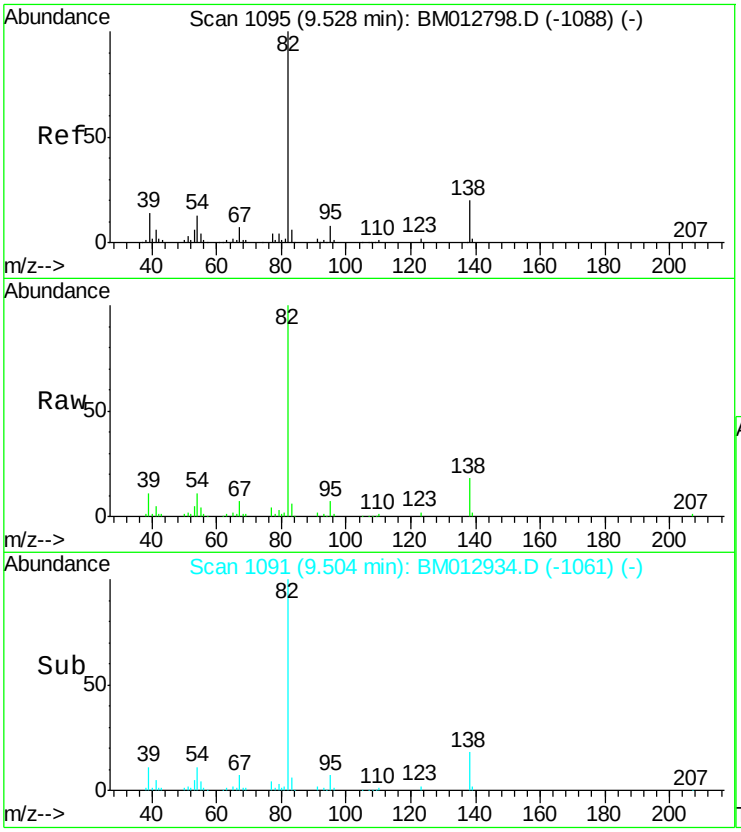


#20
Nitrobenzene
Concen: 18.88 ng/ul
RT: 8.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion: 77 Resp: 101511

Ion	Ratio	Lower	Upper
77	100		
123	48.6	39.0	58.4
65	13.7	10.4	15.6



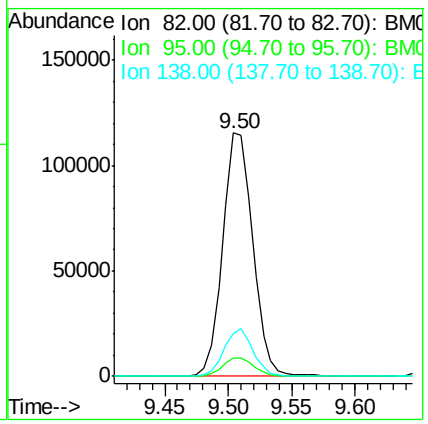


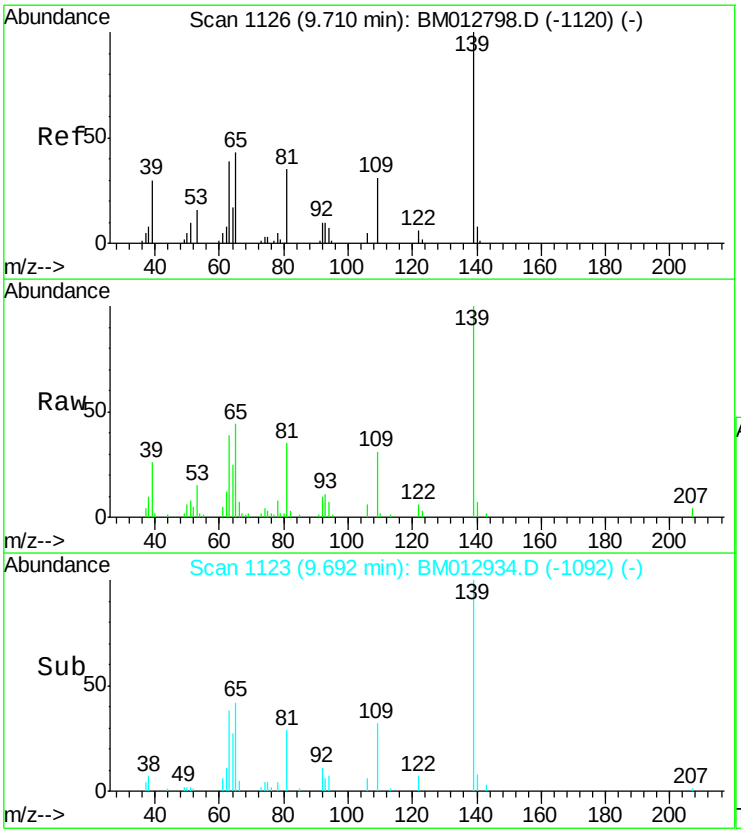
#21
Isophorone
Concen: 19.60 ng/ul
RT: 9.50 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 189831

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.4	9.6
138	17.7	14.9	22.3

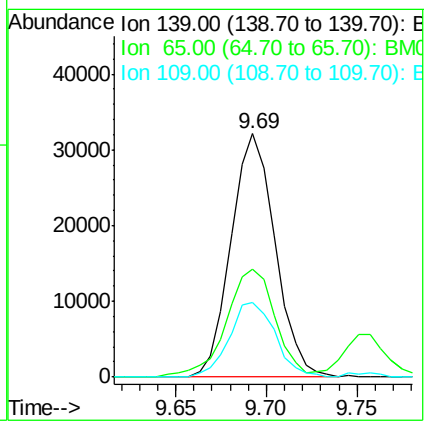


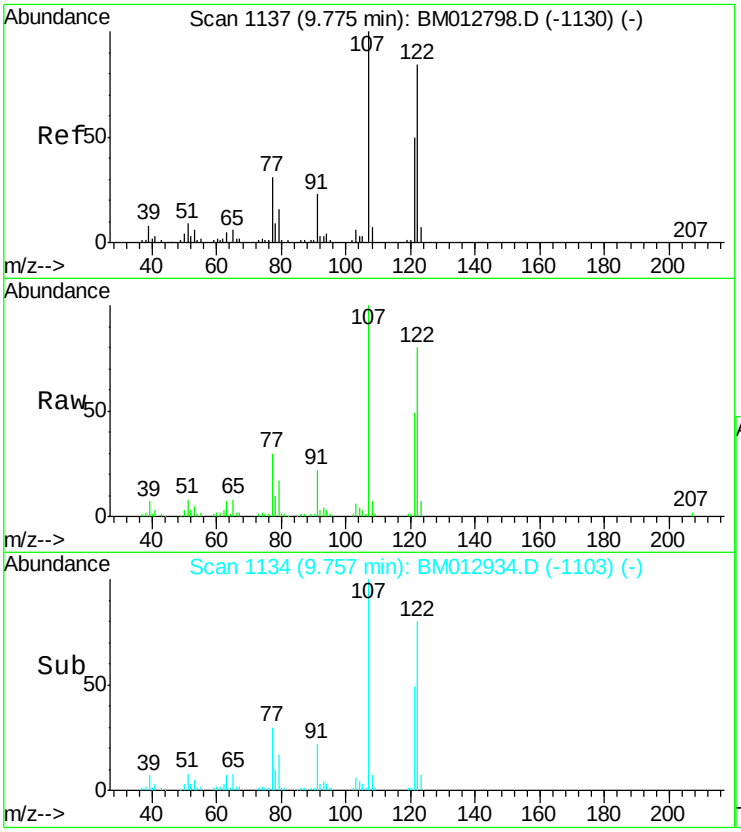


#23
2-Nitrophenol
Concen: 19.31 ng/ul
RT: 9.69 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:139 Resp: 54363

Ion	Ratio	Lower	Upper
139	100		
65	44.2	36.3	54.5
109	30.9	26.4	39.6



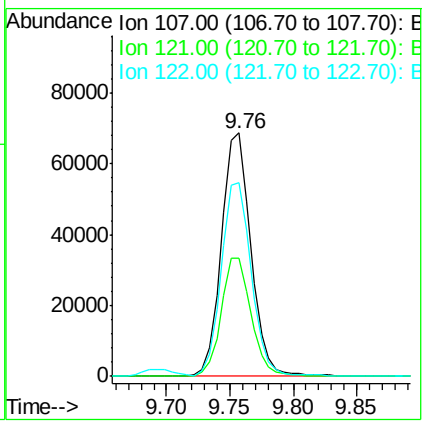


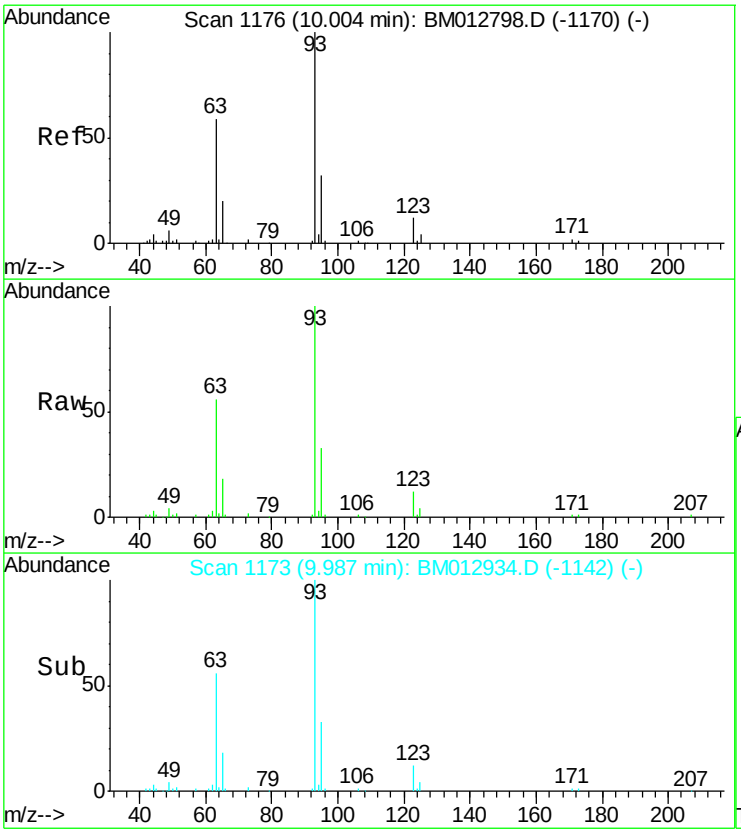
#24
2,4-Dimethylphenol
Concen: 19.33 ng/ul
RT: 9.76 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 110660

Ion	Ratio	Lower	Upper
107	100		
121	48.5	40.6	61.0
122	79.7	67.8	101.6

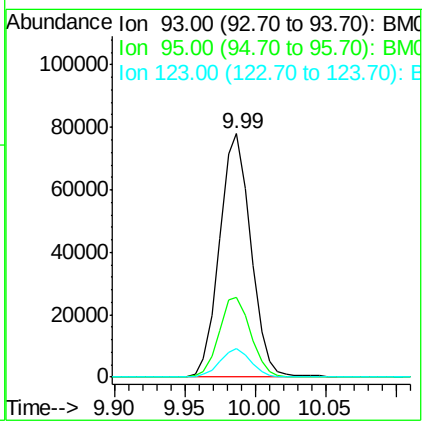


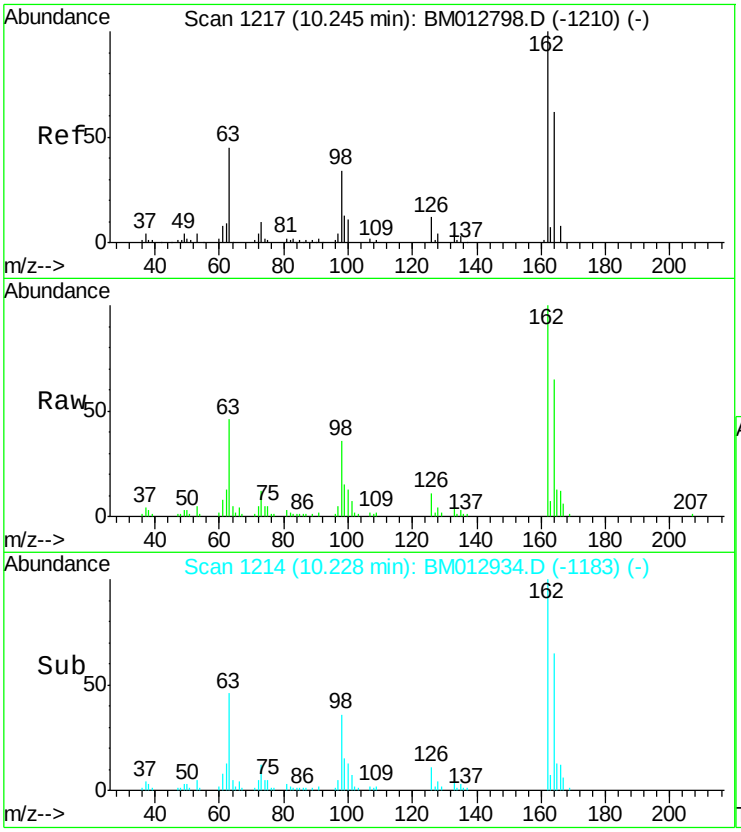


#25
Bis(2-Chloroethoxy)methane
Concen: 20.00 ng/ul
RT: 9.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion: 93 Resp: 120714

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.8
123	11.9	9.8	14.8



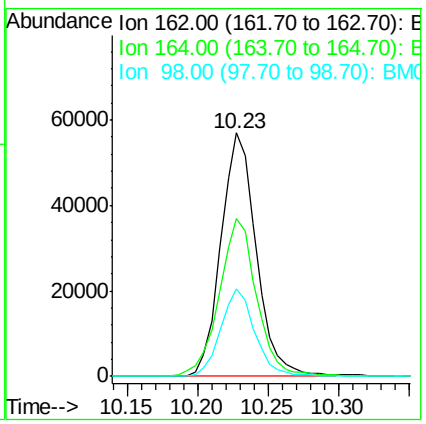


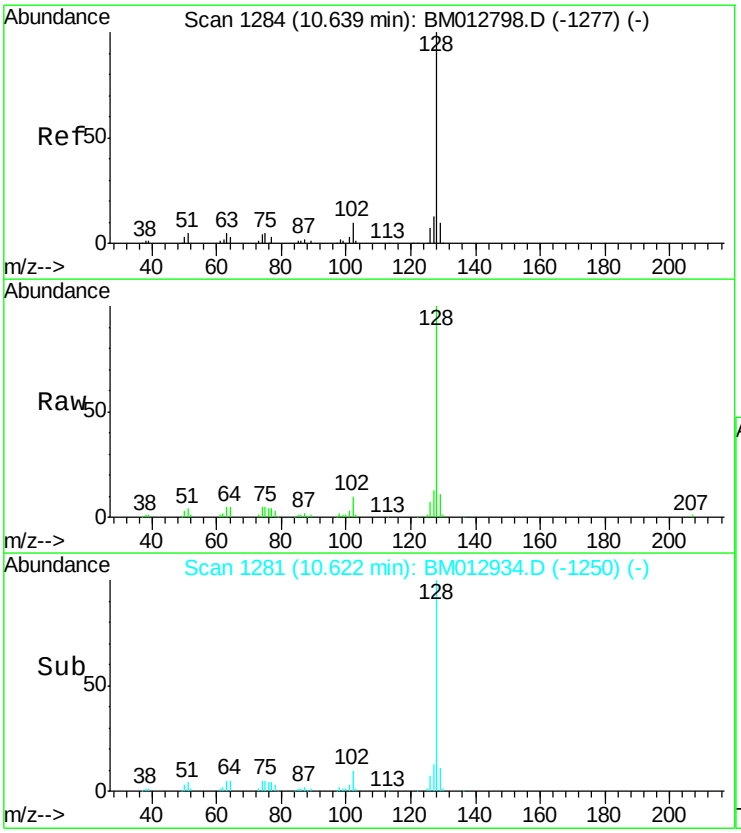
#27
2,4-Dichlorophenol
Concen: 18.98 ng/ul
RT: 10.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 99149

Ion	Ratio	Lower	Upper
162	100		
164	64.7	52.1	78.1
98	35.9	28.4	42.6

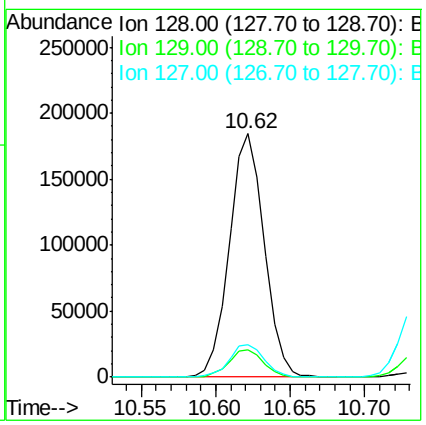


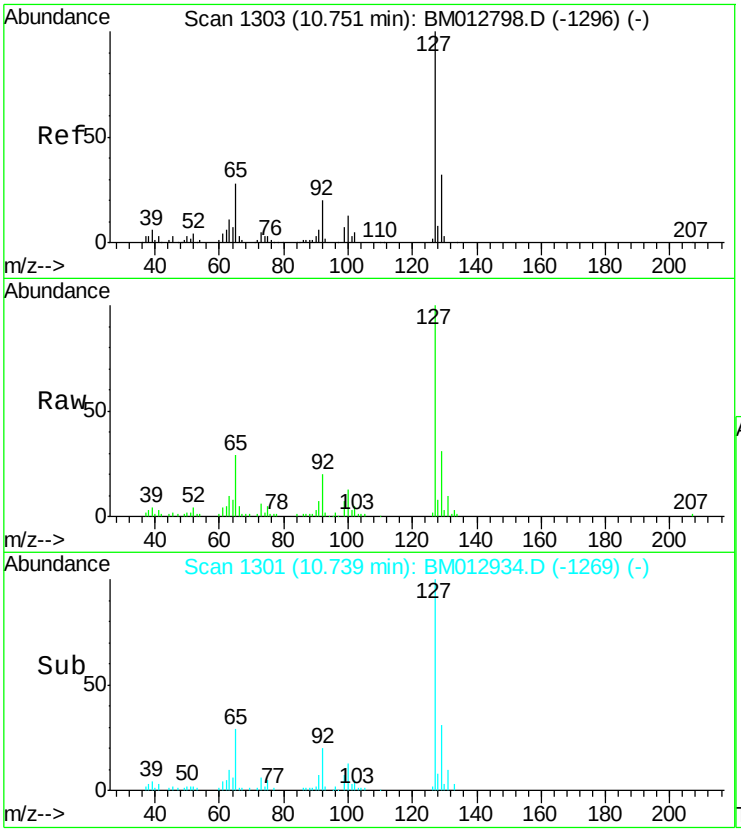


#28
Naphthalene
Concen: 19.47 ng/ul
RT: 10.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:128 Resp: 300980

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.5	15.7



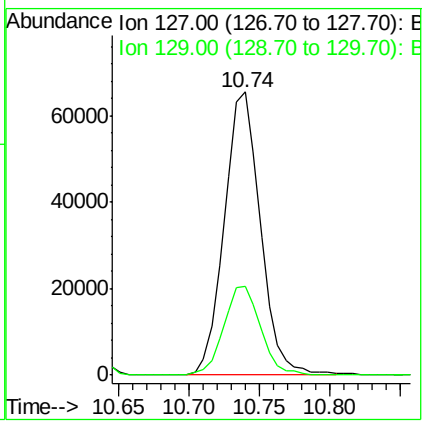


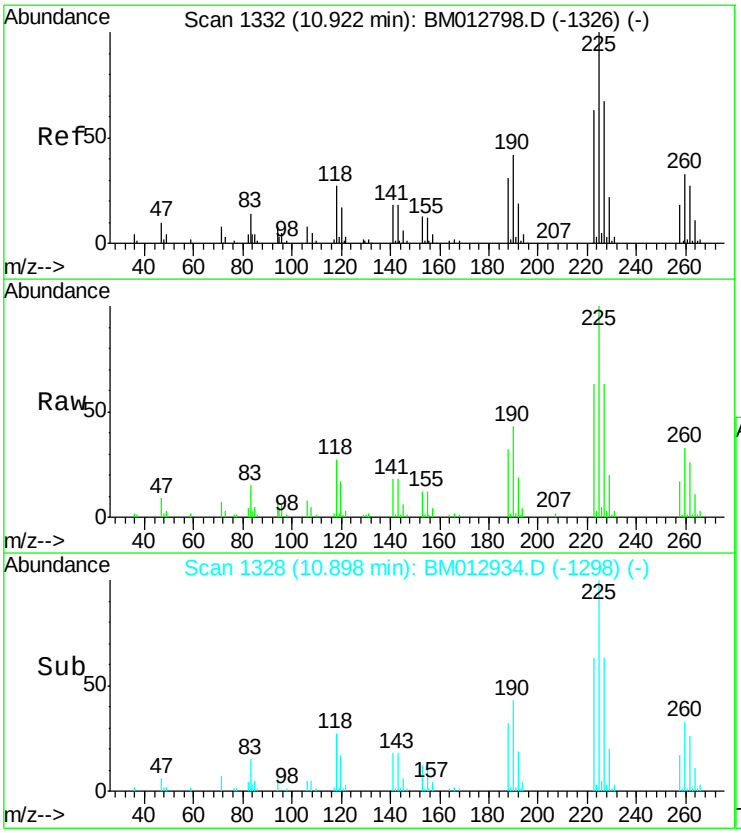
#30
4-Chloroaniline
Concen: 22.50 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 116978

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.2

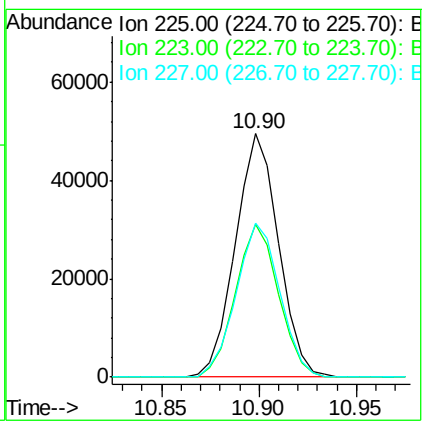


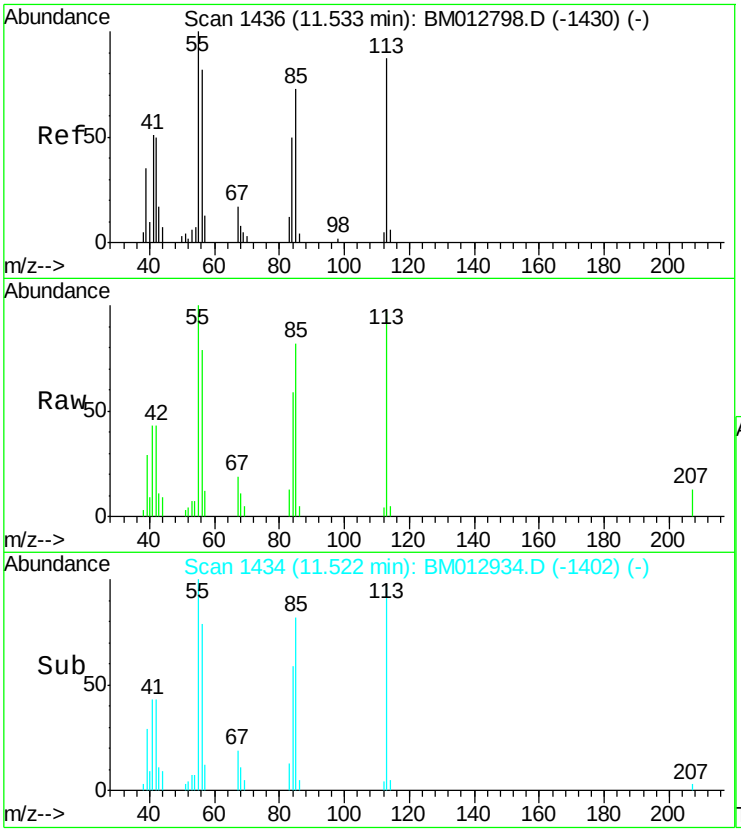


#31
Hexachlorobutadiene
Concen: 18.44 ng/ul
RT: 10.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:225 Resp: 75746

Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	63.3	50.7	76.1



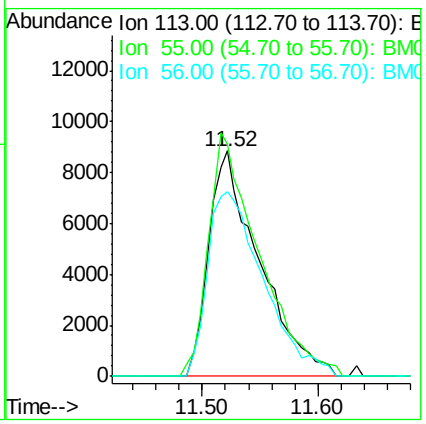


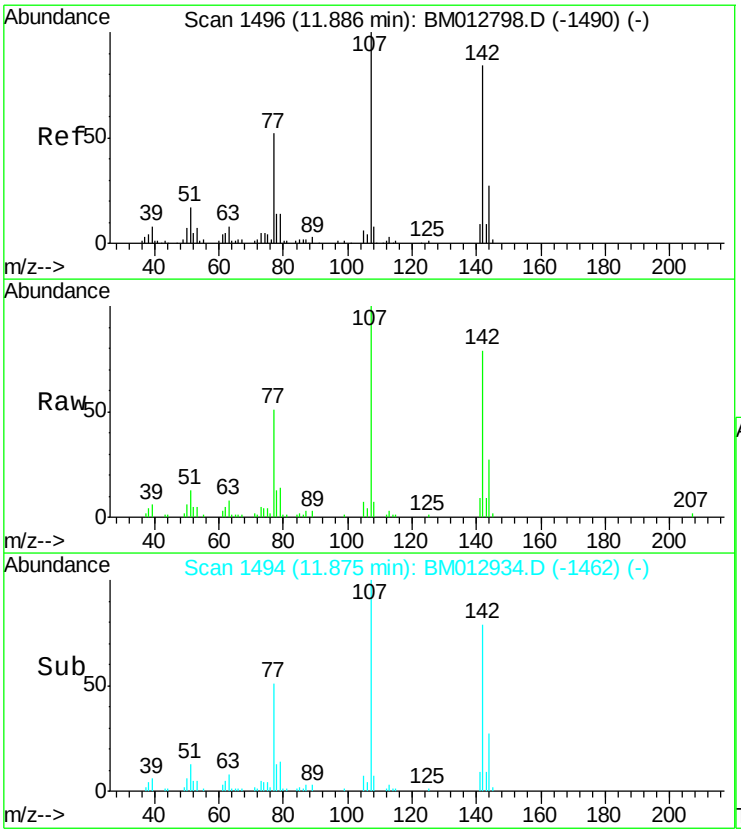
#32
Caprolactam
Concen: 18.34 ng/ul
RT: 11.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 26942

Ion	Ratio	Lower	Upper
113	100		
55	103.3	101.9	152.9
56	81.8	81.2	121.8

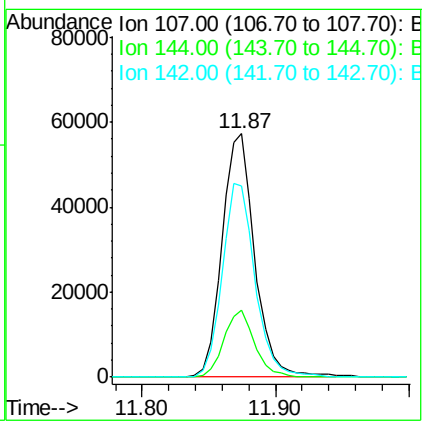


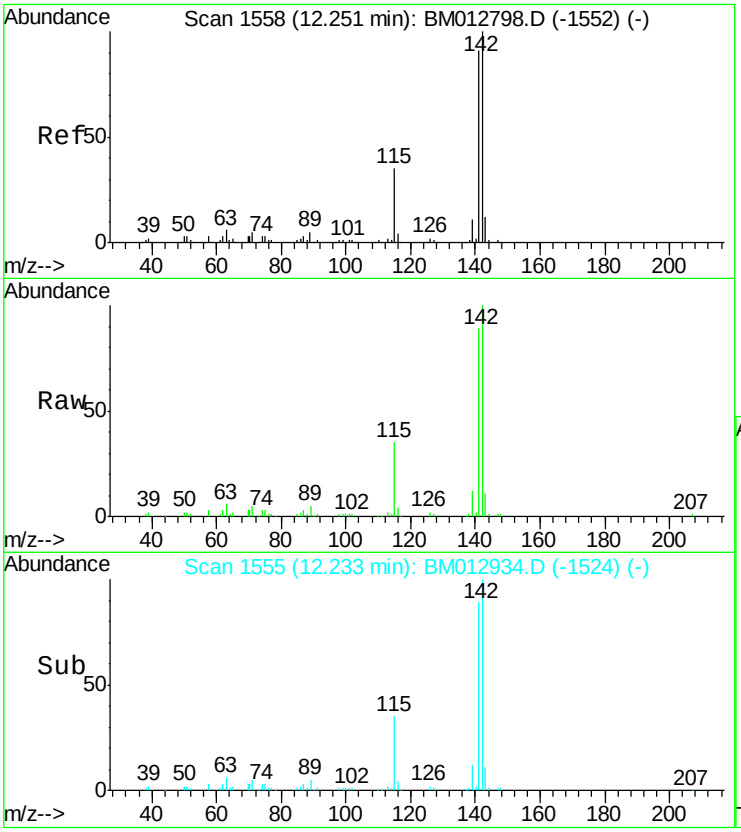


#33
4-Chloro-3-methylphenol
Concen: 19.29 ng/ul
RT: 11.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:107 Resp: 97984

Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.4	30.6
142	78.5	62.5	93.7



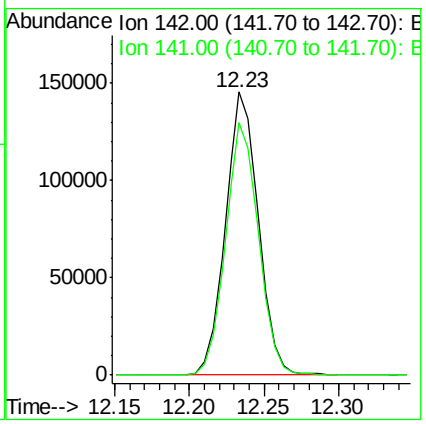


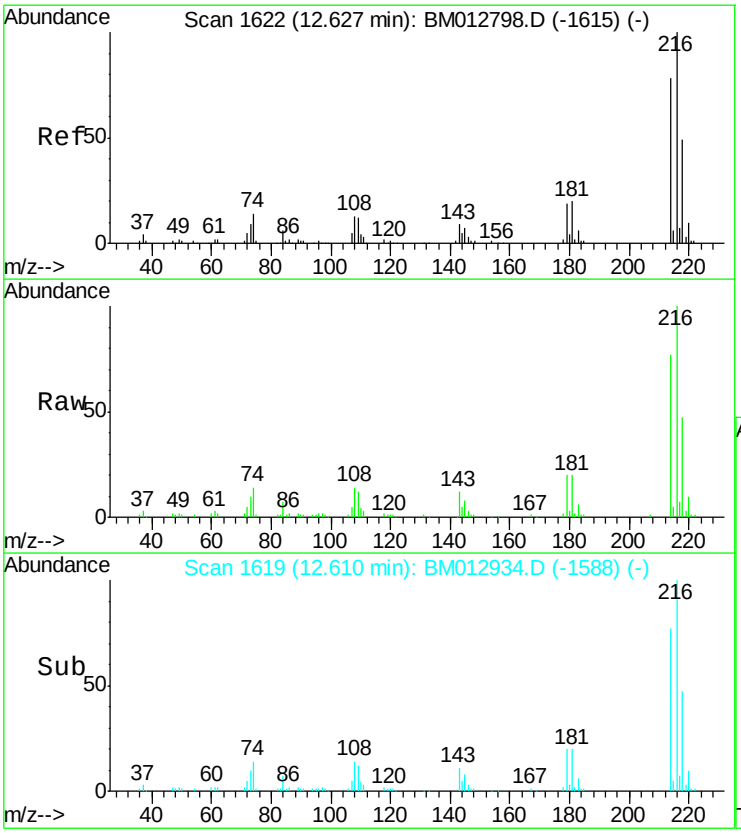
#34
2-Methylnaphthalene
Concen: 18.98 ng/ul
RT: 12.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 224209

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4

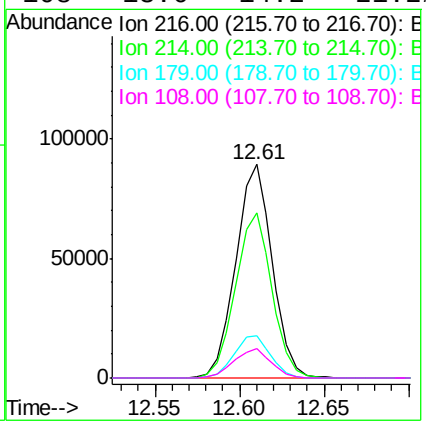


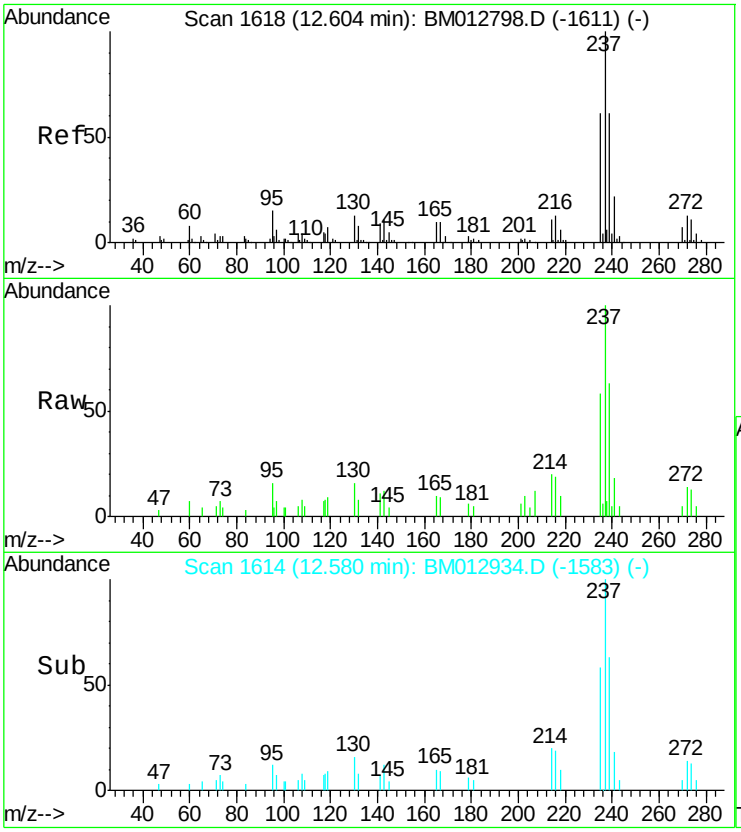


#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.00 ng/ul
RT: 12.61 min Scan# 1619
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:216 Resp: 134205

Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.5	93.7
179	19.9	18.2	27.2
108	13.6	14.2	21.2#



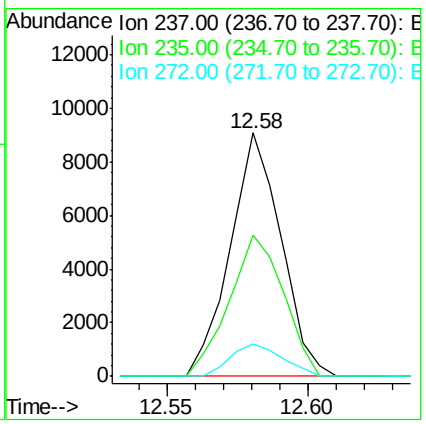


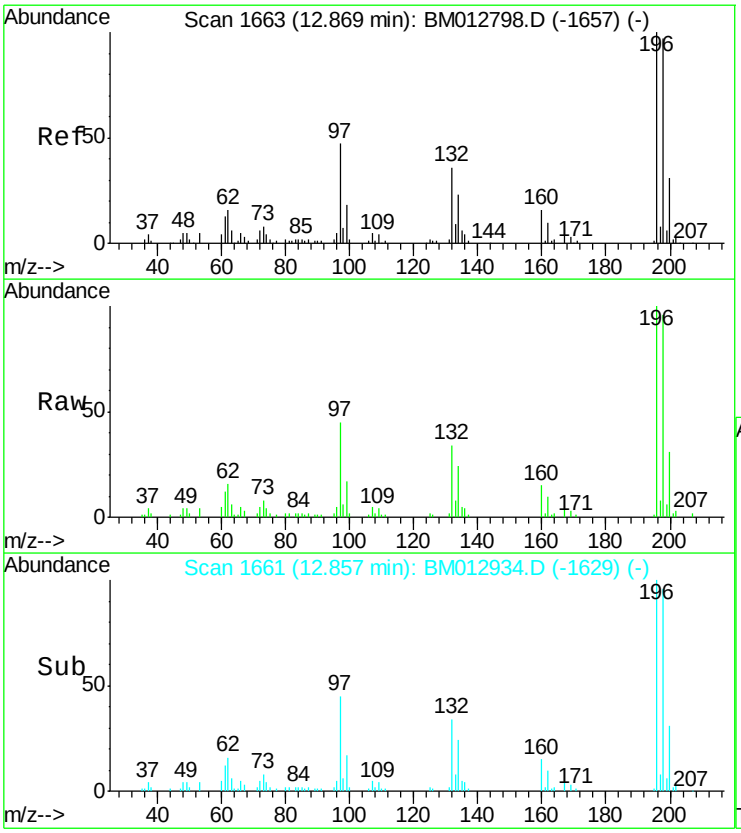
#37
Hexachlorocyclopentadiene
Concen: 3.15 ng/ul
RT: 12.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:237 Resp: 11345

Ion	Ratio	Lower	Upper
237	100		
235	58.1	50.4	75.6
272	13.6	9.6	14.4

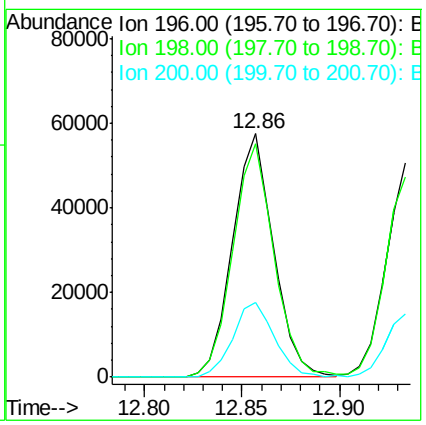


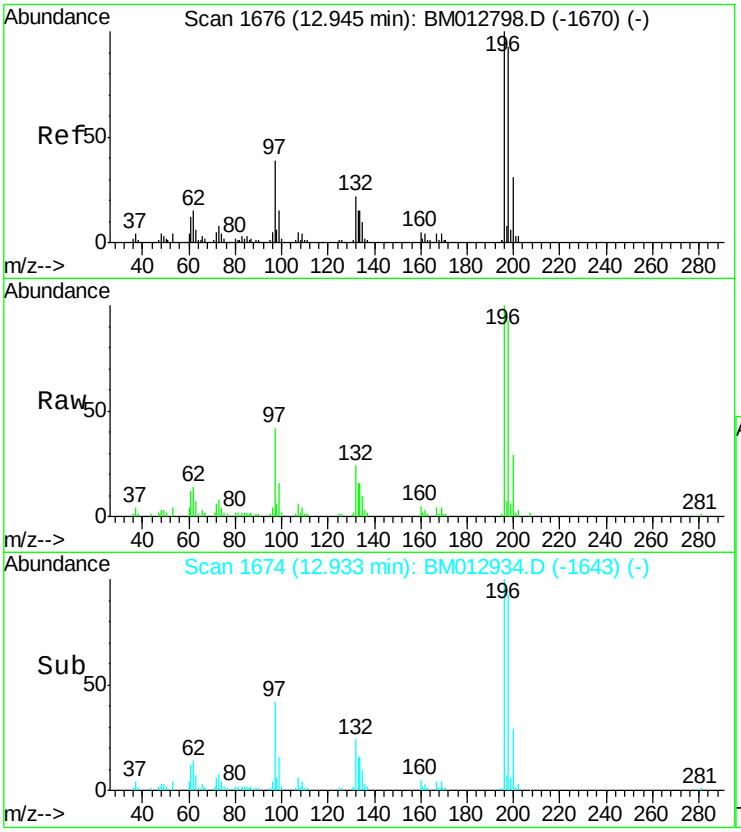


#38
2,4,6-Trichlorophenol
Concen: 18.80 ng/ul
RT: 12.86 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:196 Resp: 83891

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	114.8
200	30.6	24.7	37.1



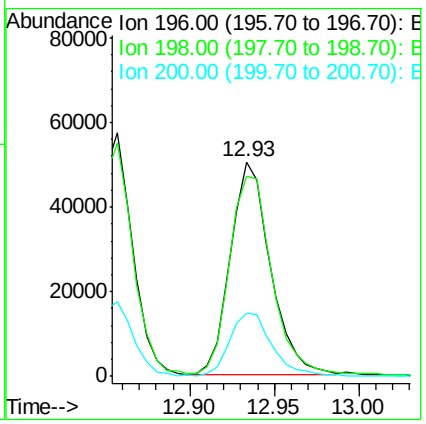


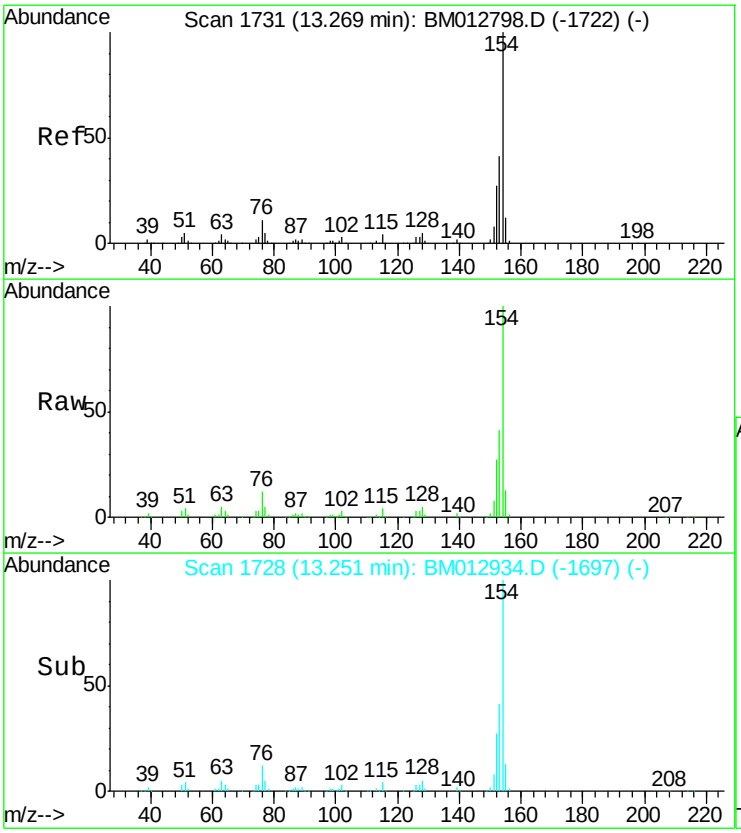
#39
2,4,5-Trichlorophenol
Concen: 17.86 ng/ul
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 83170

Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.9	115.3
200	29.3	25.0	37.4

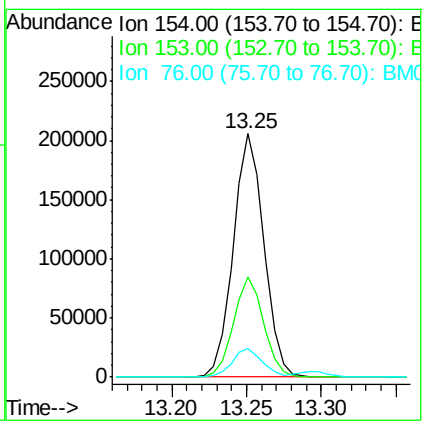


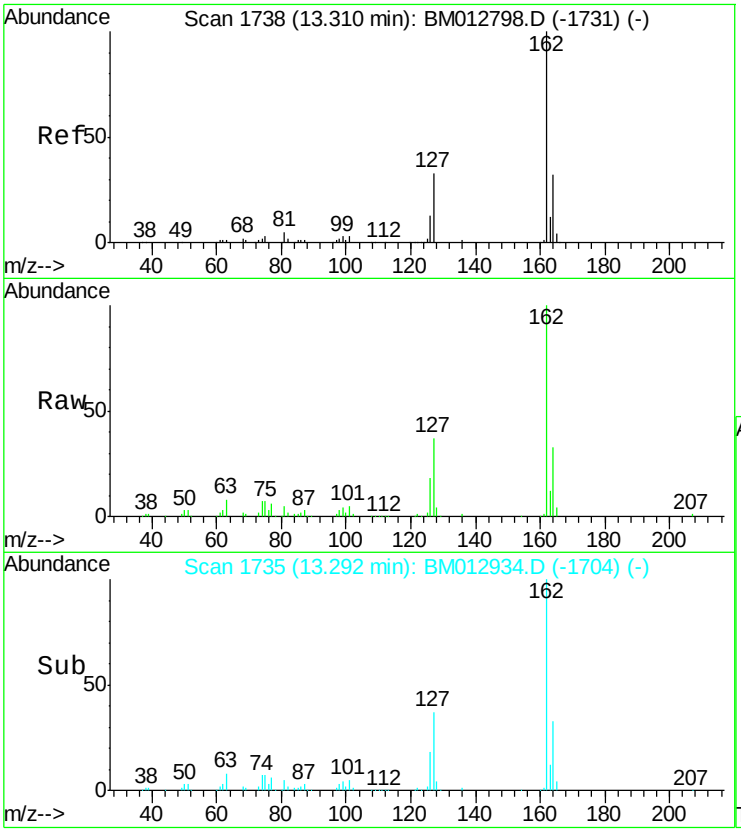


#40
1,1'-Biphenyl
Concen: 19.48 ng/ul
RT: 13.25 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:154 Resp: 293924

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.1	48.1
76	11.7	9.5	14.3



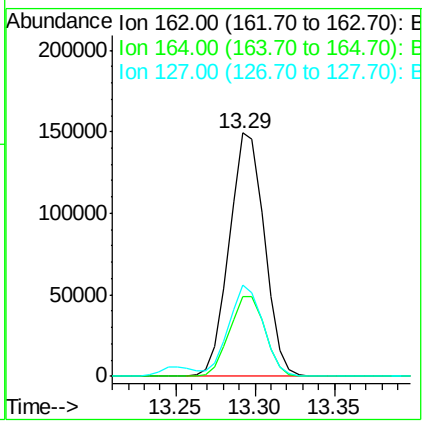


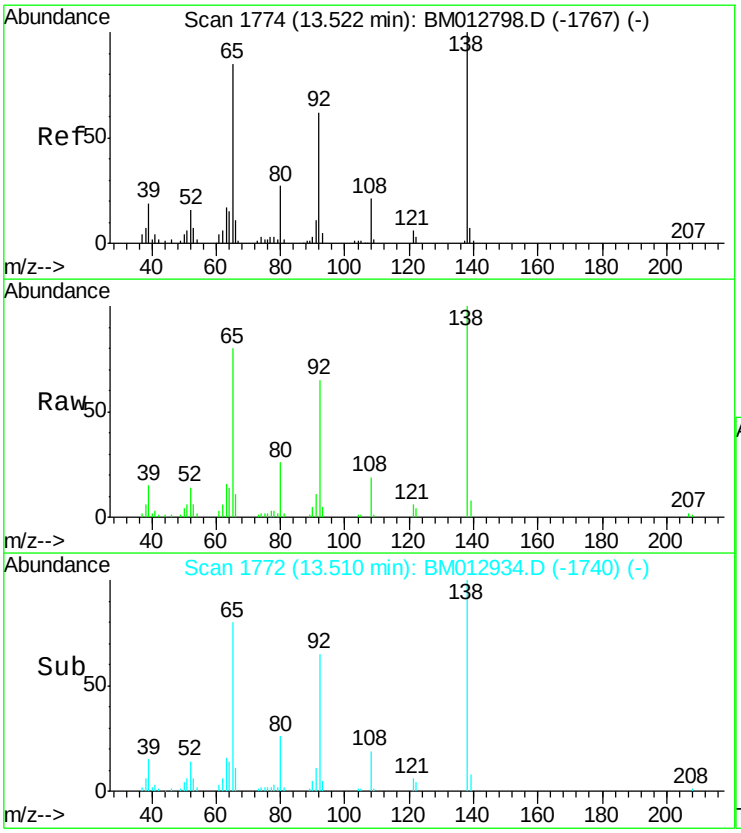
#41
2-Chloronaphthalene
Concen: 19.31 ng/ul
RT: 13.29 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 230133

Ion	Ratio	Lower	Upper
162	100		
164	32.6	25.9	38.9
127	37.4	34.1	51.1

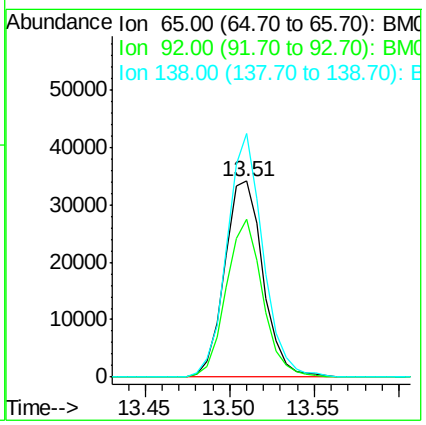


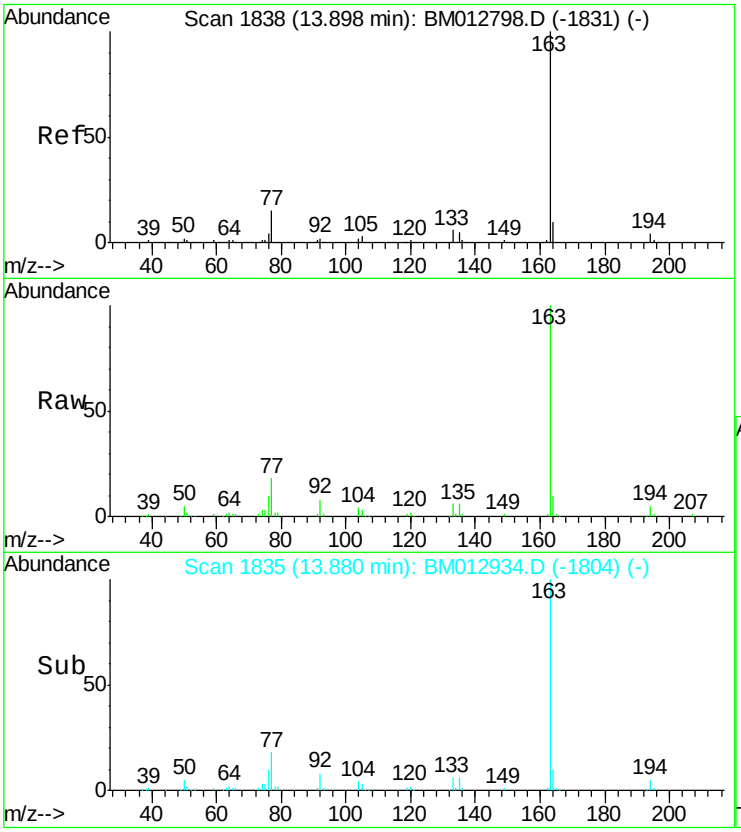


#42
2-Nitroaniline
Concen: 19.17 ng/ul
RT: 13.51 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion: 65 Resp: 54000

Ion	Ratio	Lower	Upper
65	100		
92	80.9	60.4	90.6
138	124.3	99.8	149.6



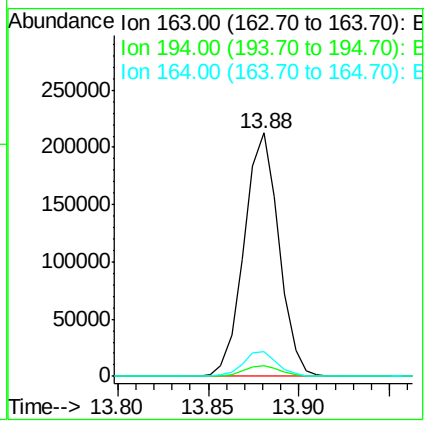


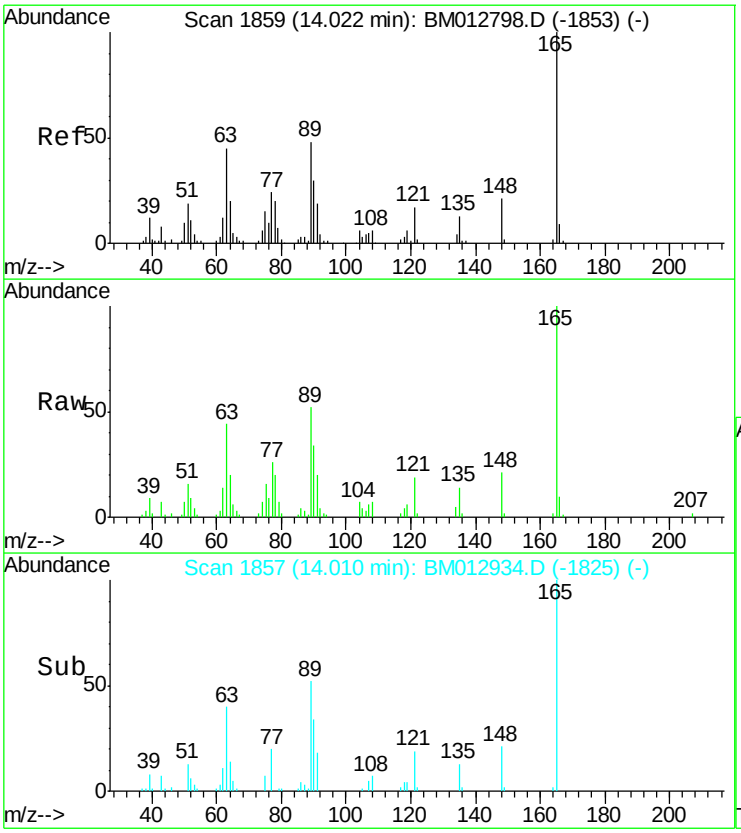
#44
Dimethylphthalate
Concen: 18.93 ng/ul
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 283524

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.1	7.8	11.8

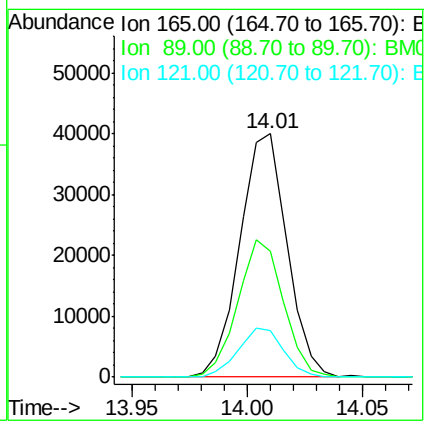


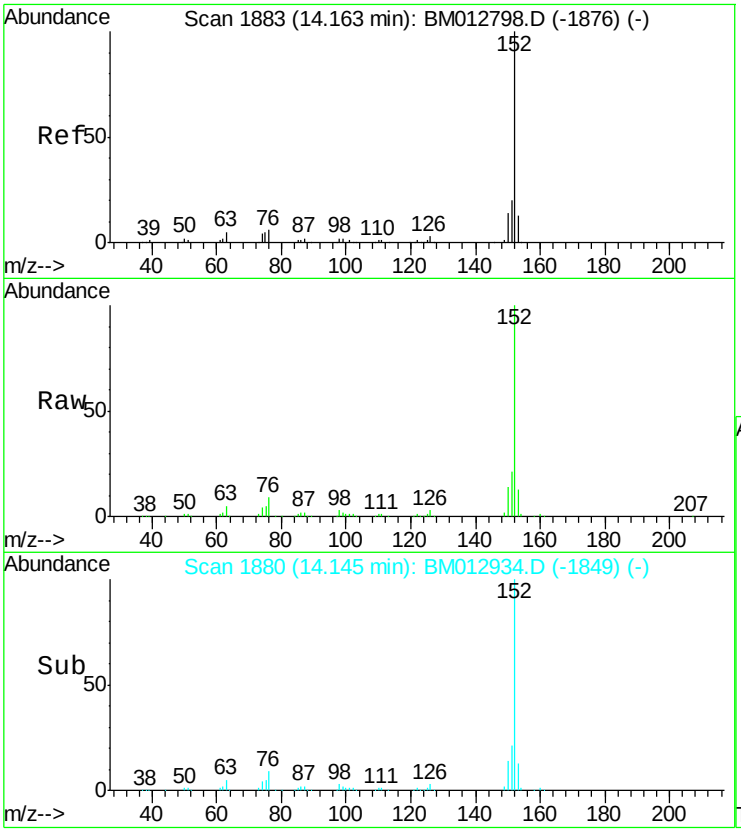


#45
2,6-Dinitrotoluene
Concen: 19.02 ng/ul
RT: 14.01 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:165 Resp: 57017

Ion	Ratio	Lower	Upper
165	100		
89	51.7	42.4	63.6
121	19.0	16.6	24.8



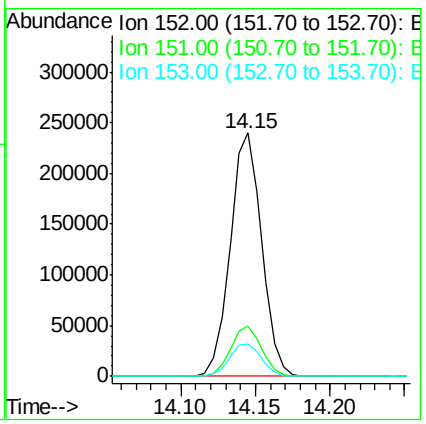


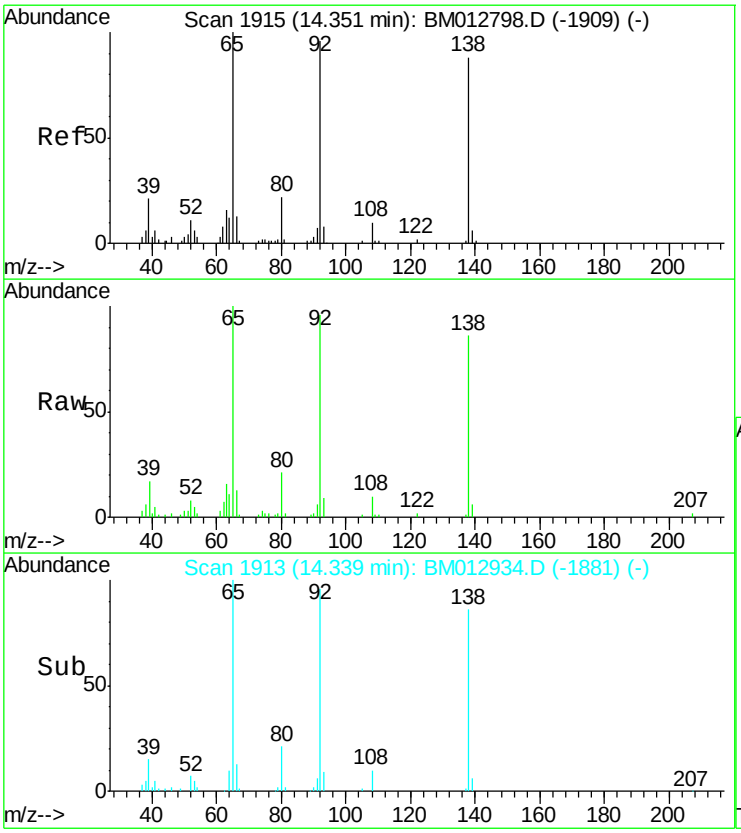
#47
Acenaphthylene
Concen: 19.44 ng/ul
RT: 14.15 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 351887

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	13.4	10.5	15.7

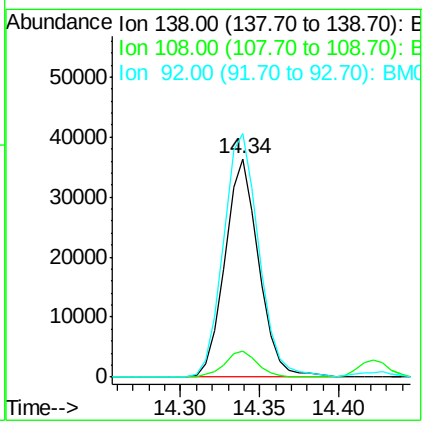


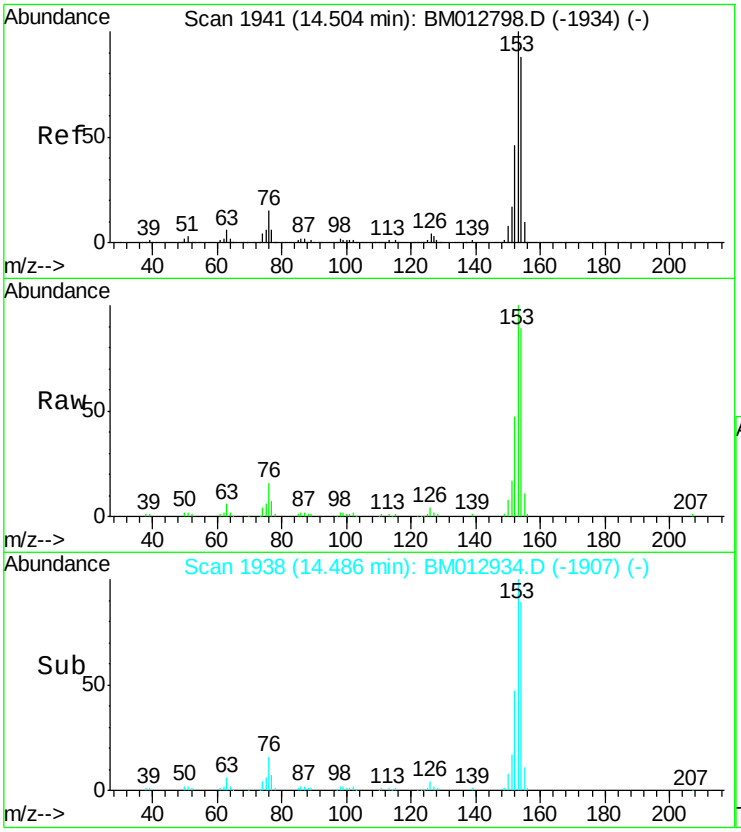


#48
3-Nitroaniline
Concen: 21.29 ng/ul
RT: 14.34 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:138 Resp: 53834

Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.7	13.1
92	111.5	88.2	132.4



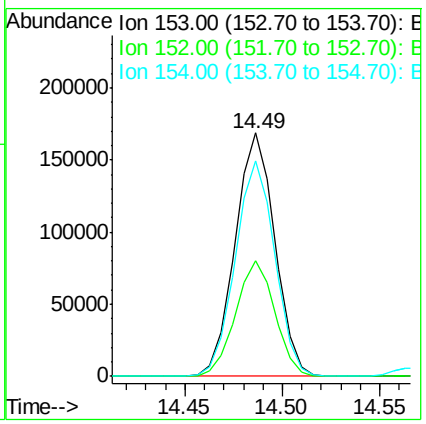


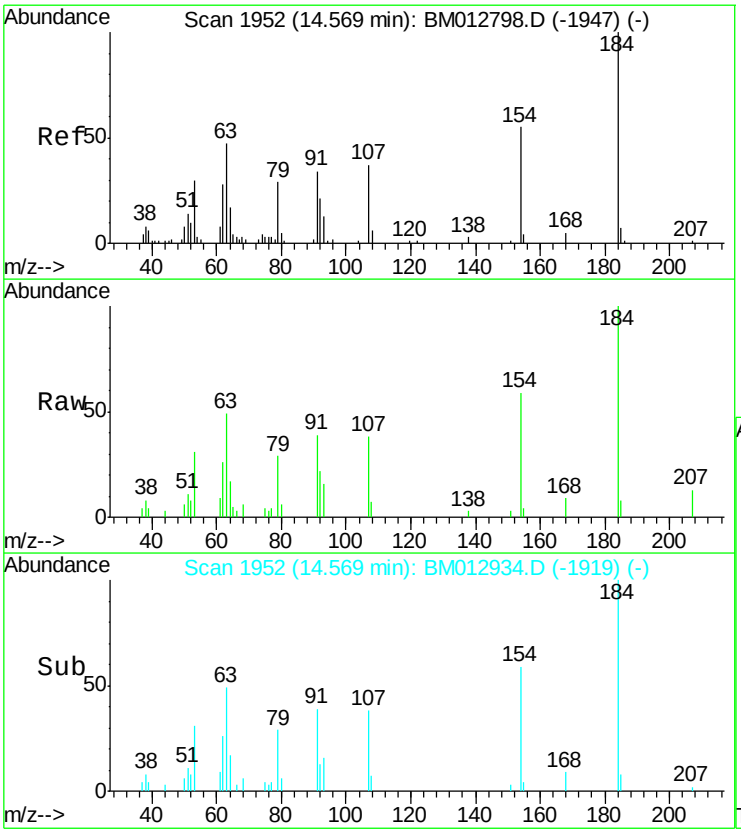
#49
Acenaphthene
Concen: 19.30 ng/ul
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 237940

Ion	Ratio	Lower	Upper
153	100		
152	47.3	38.3	57.5
154	88.7	71.8	107.8

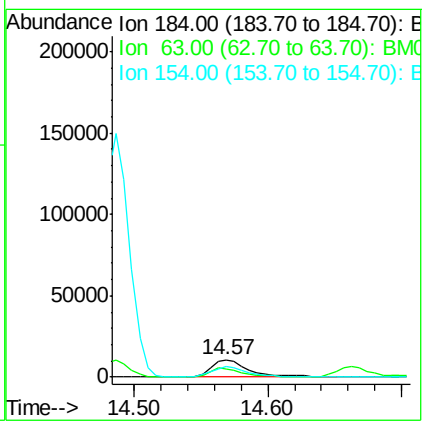


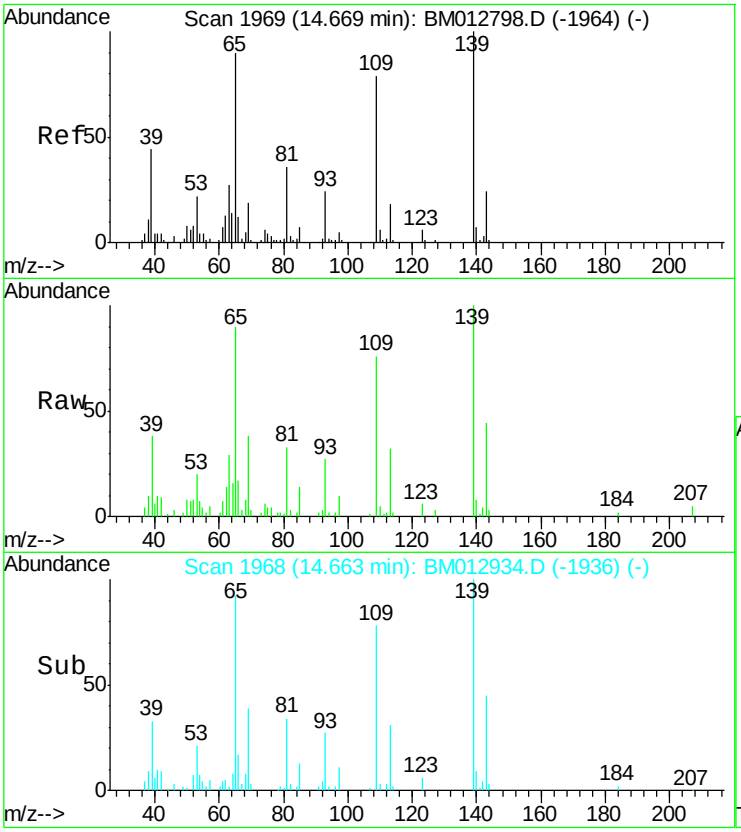


#50
2,4-Dinitrophenol
Concen: 11.29 ng/ul
RT: 14.57 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:184 Resp: 21142

Ion	Ratio	Lower	Upper
184	100		
63	48.8	46.5	69.7
154	58.8	54.6	82.0



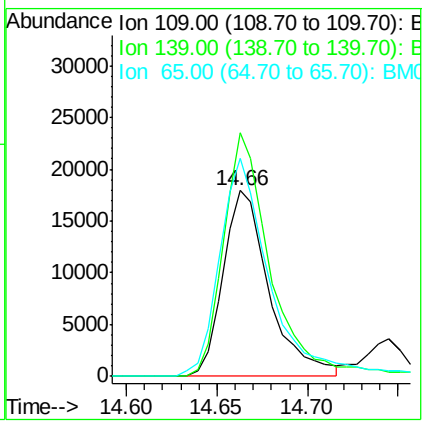


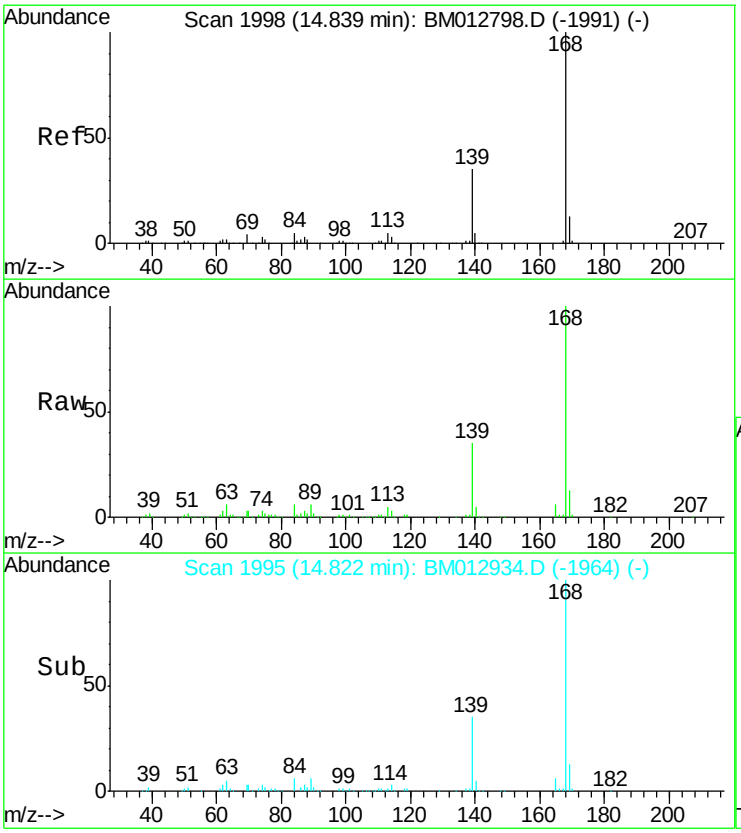
#52
4-Nitrophenol
Concen: 14.87 ng/ul
RT: 14.66 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 31729

Ion	Ratio	Lower	Upper
109	100		
139	131.1	103.7	155.5
65	117.6	89.4	134.2

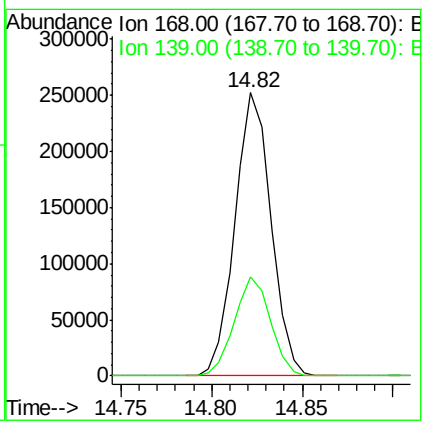


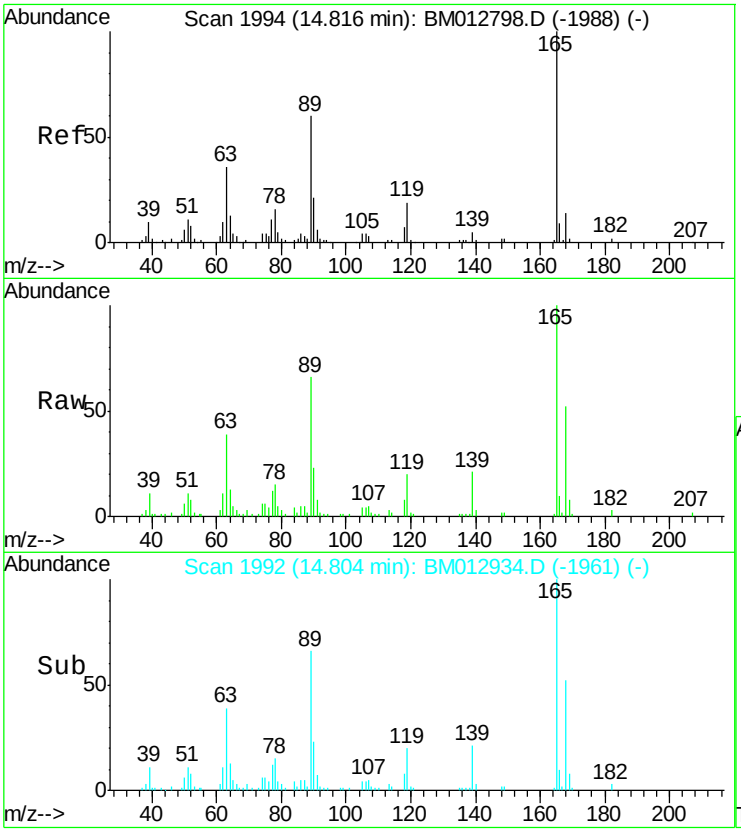


#53
Dibenzofuran
Concen: 19.45 ng/ul
RT: 14.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:168 Resp: 349821

Ion	Ratio	Lower	Upper
168	100		
139	35.2	32.2	48.2



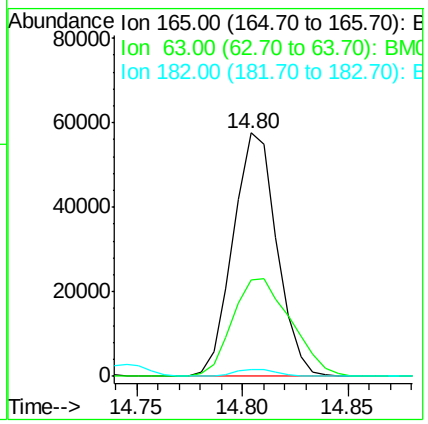


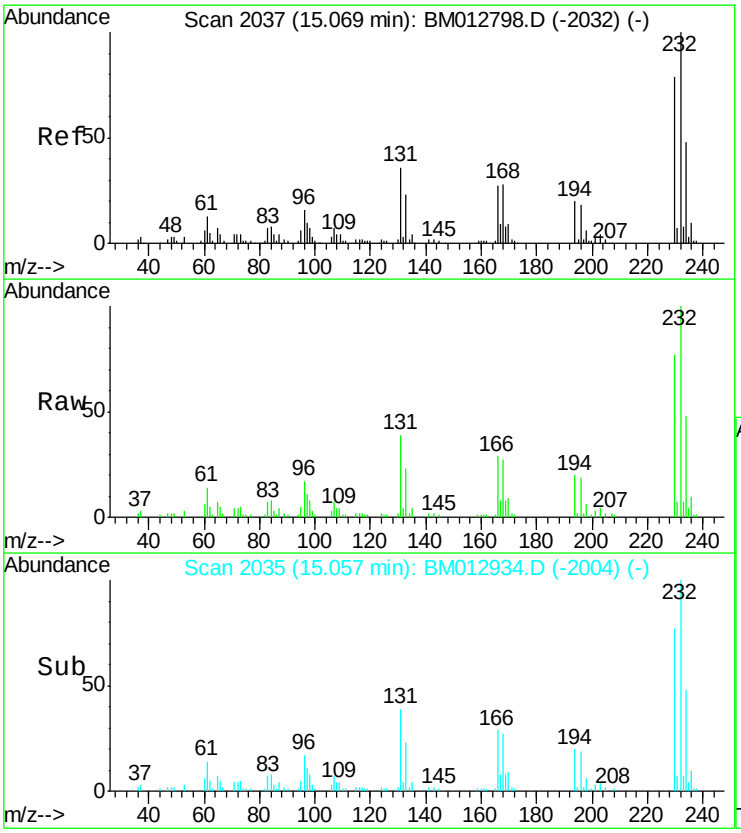
#54
2,4-Dinitrotoluene
Concen: 18.83 ng/ul
RT: 14.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 83043

Ion	Ratio	Lower	Upper
165	100		
63	39.5	29.8	44.6
182	2.7	2.2	3.4

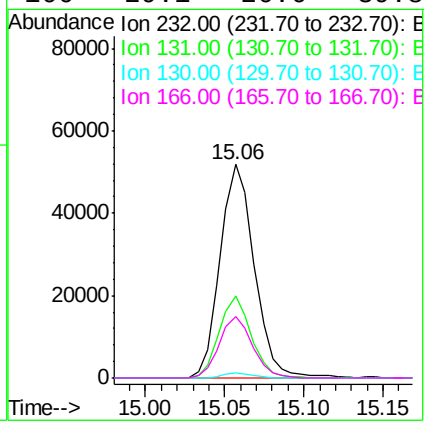


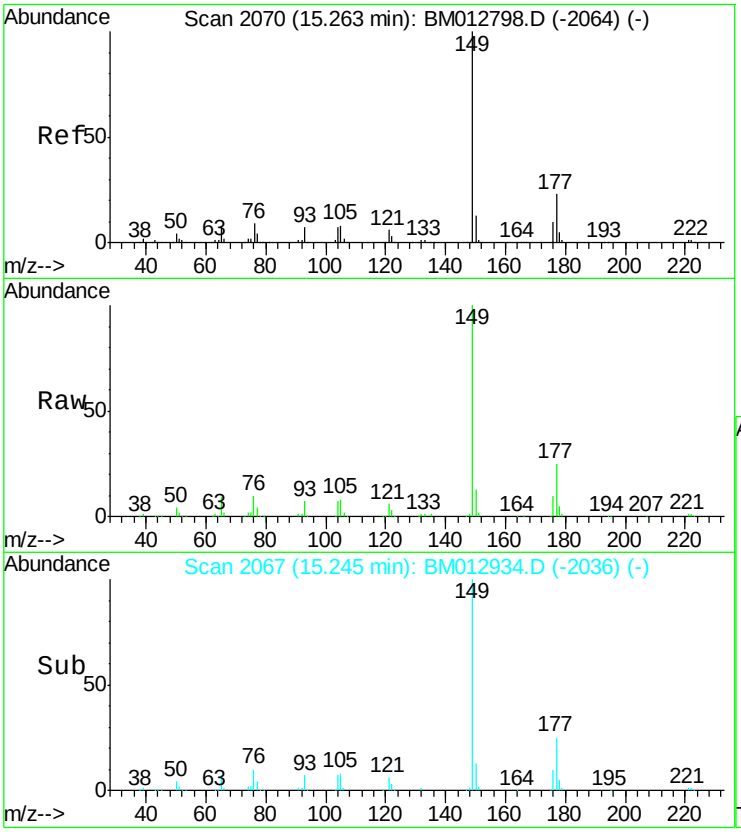


#55
2,3,4,6-Tetrachlorophenol
Concen: 18.05 ng/ul
RT: 15.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:232 Resp: 77995

Ion	Ratio	Lower	Upper
232	100		
131	38.6	39.4	59.2#
130	2.3	2.2	3.2
166	29.1	26.6	39.8



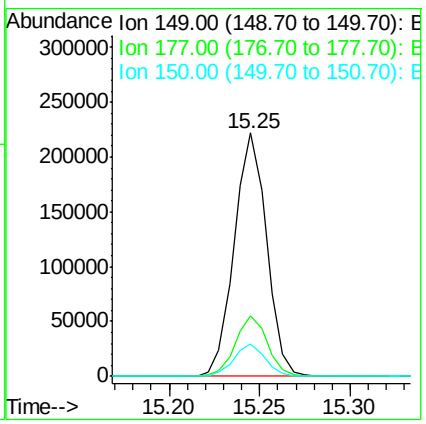


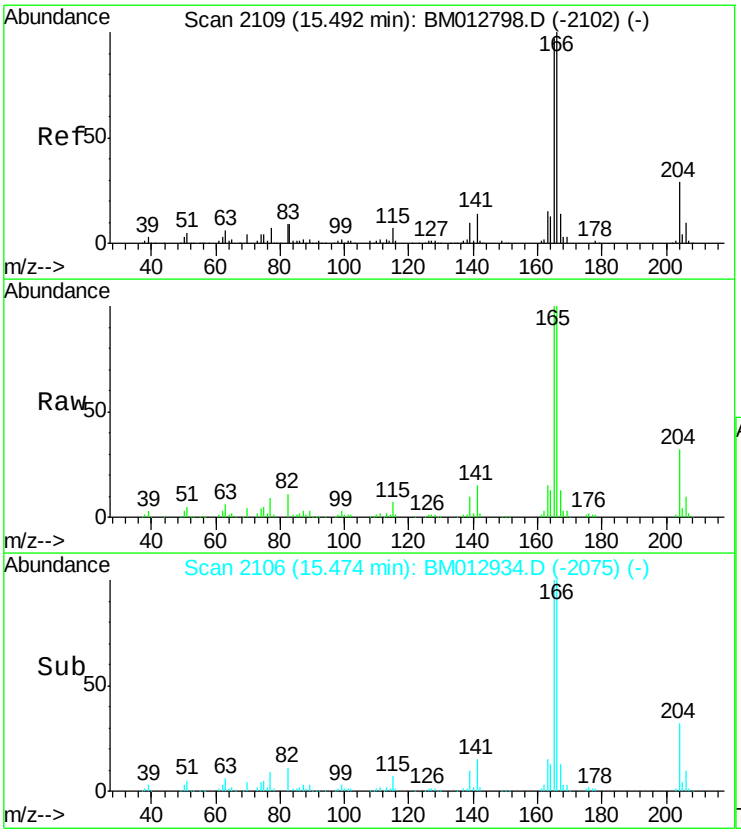
#56
Diethylphthalate
Concen: 18.93 ng/ul
RT: 15.25 min Scan# 2067
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 275376

Ion	Ratio	Lower	Upper
149	100		
177	24.8	17.4	26.2
150	13.2	10.0	15.0

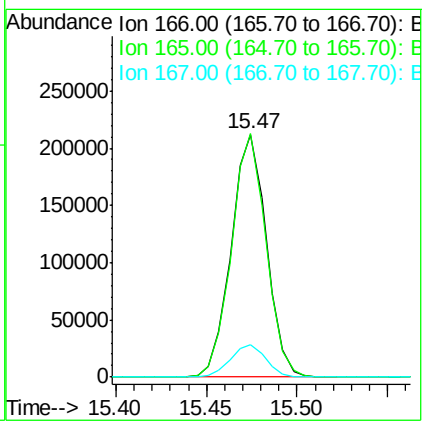


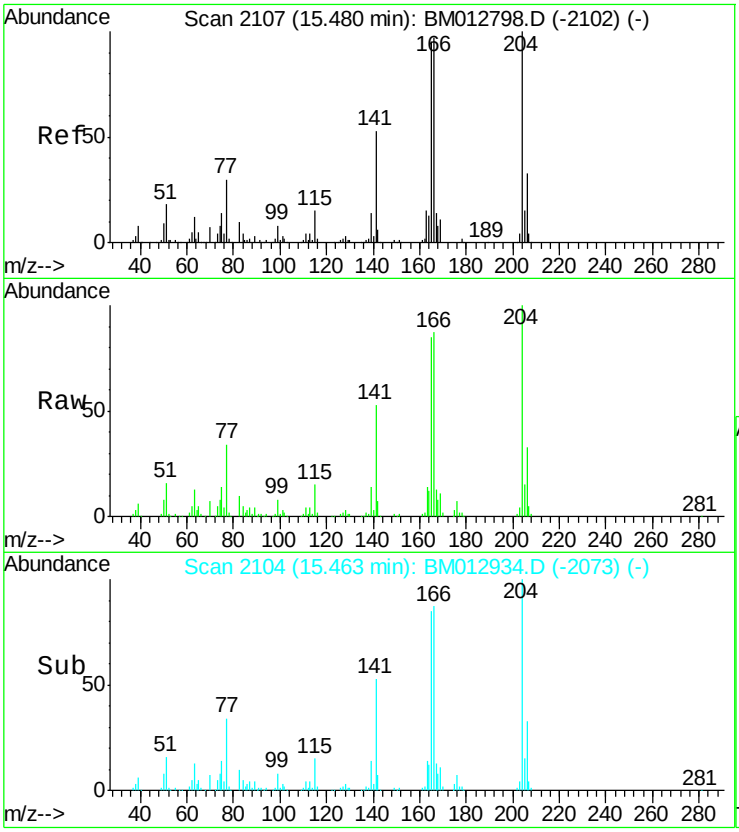


#58
Fluorene
Concen: 19.15 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:166 Resp: 286042

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.5	117.7
167	13.1	10.7	16.1



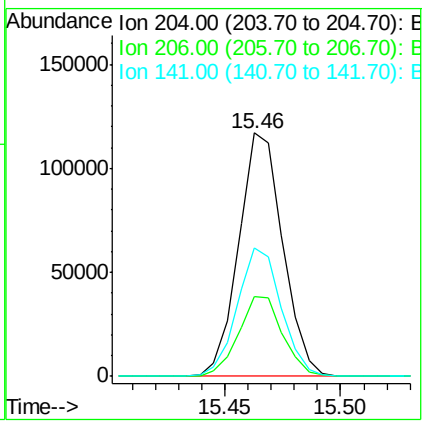


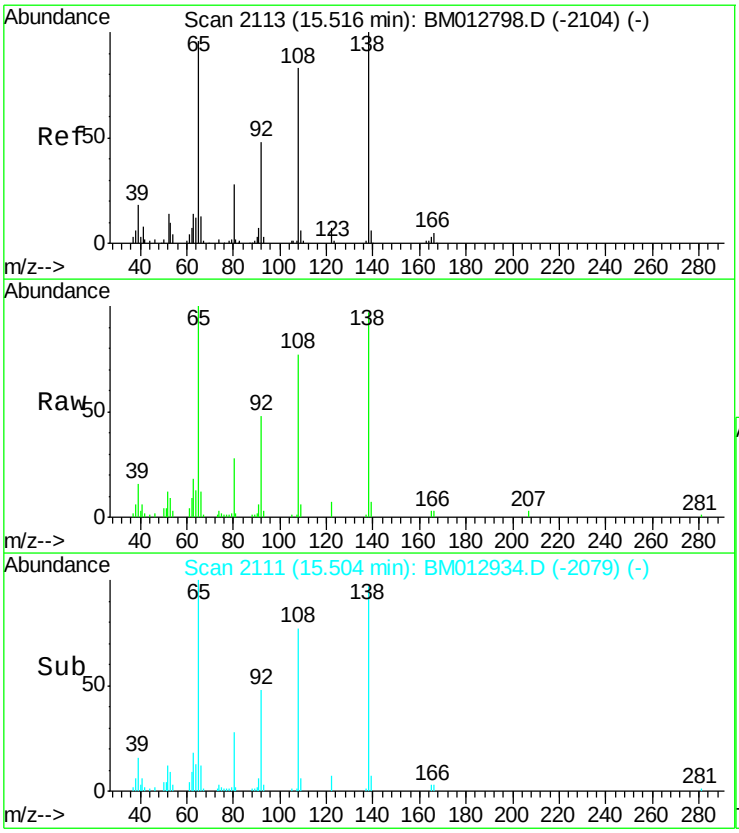
#59
4-Chlorophenyl-phenylether
Concen: 18.81 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:204 Resp: 156139

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.4
141	52.9	54.6	81.8#

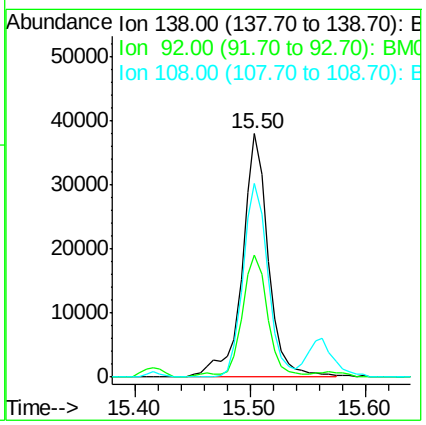


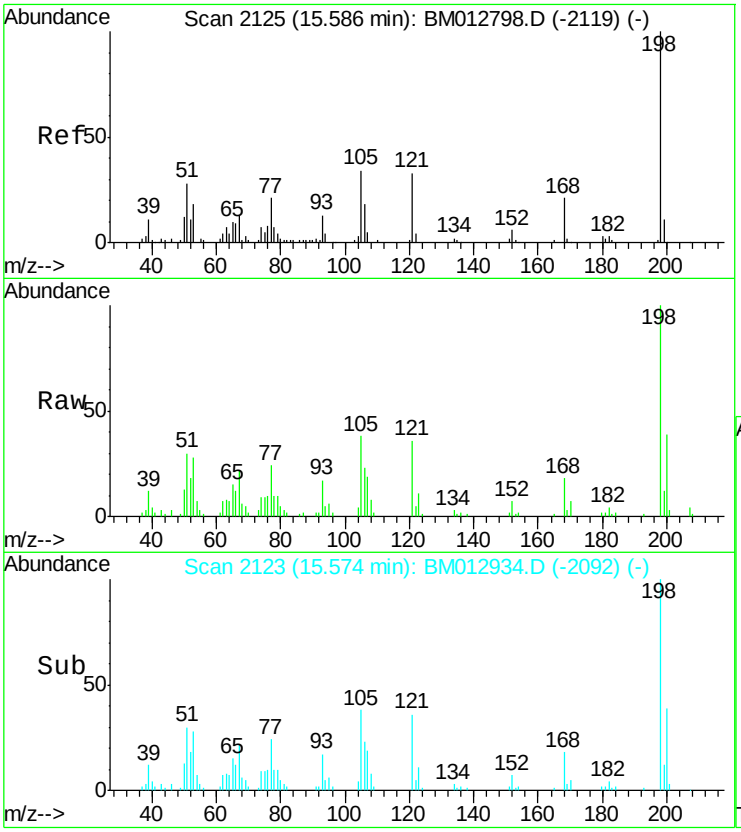


#60
4-Nitroaniline
Concen: 20.22 ng/ul
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:138 Resp: 59511

Ion	Ratio	Lower	Upper
138	100		
92	50.1	40.6	60.8
108	79.8	67.0	100.6



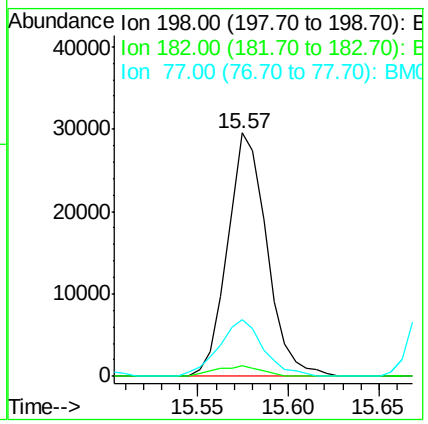


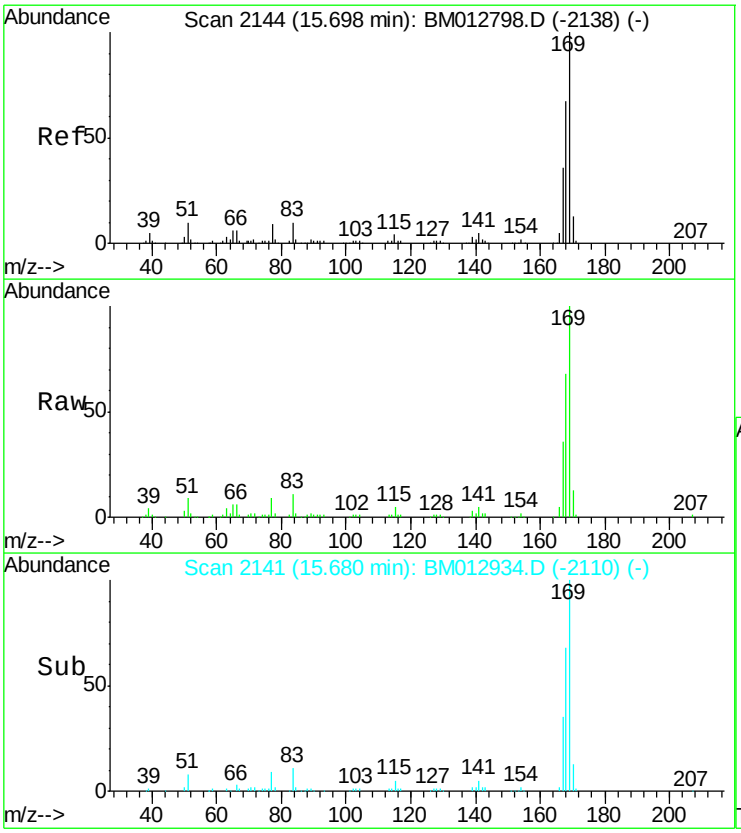
#63
4,6-Dinitro-2-methylphenol
Concen: 15.30 ng/ul
RT: 15.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 44624

Ion	Ratio	Lower	Upper
198	100		
182	4.4	3.1	4.7
77	23.5	20.1	30.1

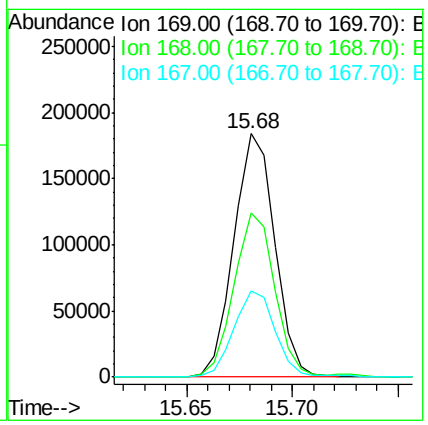


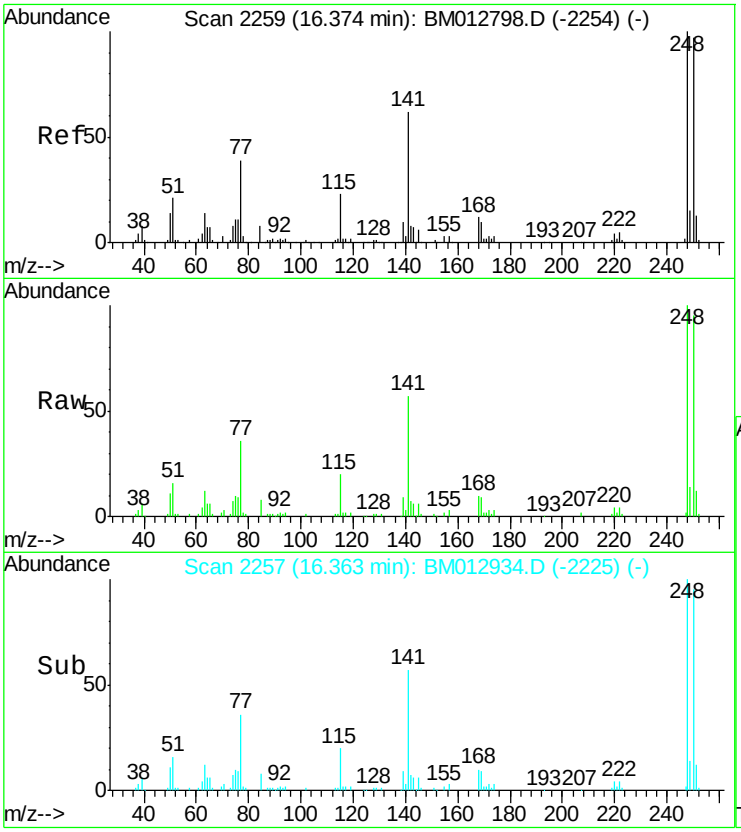


#64
N-Nitrosodiphenylamine
Concen: 19.47 ng/ul
RT: 15.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:169 Resp: 246627

Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.8	80.8
167	35.6	29.3	43.9



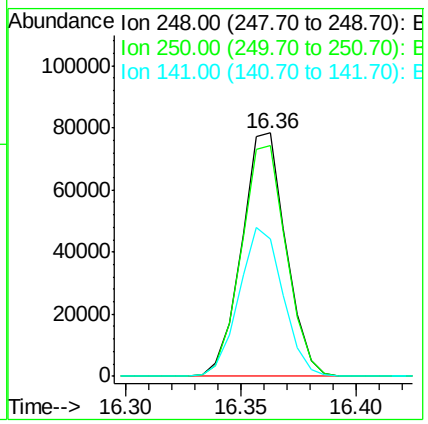


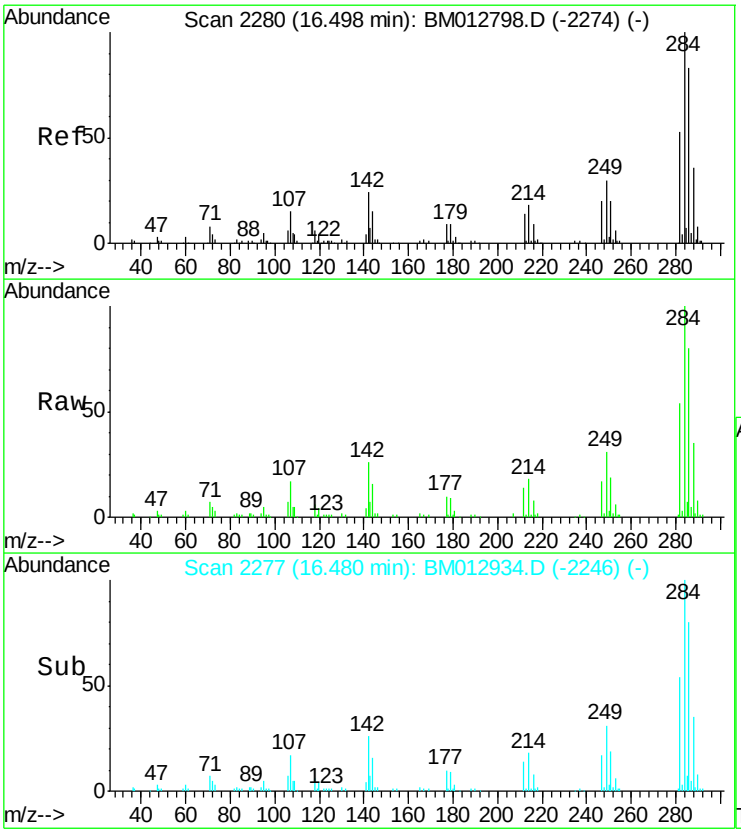
#65
4-Bromophenyl-phenylether
Concen: 19.21 ng/ul
RT: 16.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:248 Resp: 104724

Ion	Ratio	Lower	Upper
248	100		
250	95.0	78.7	118.1
141	56.5	72.2	108.2#

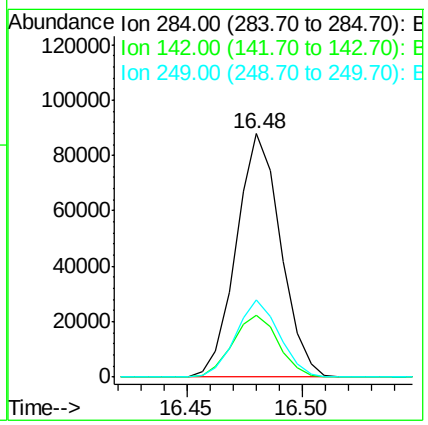


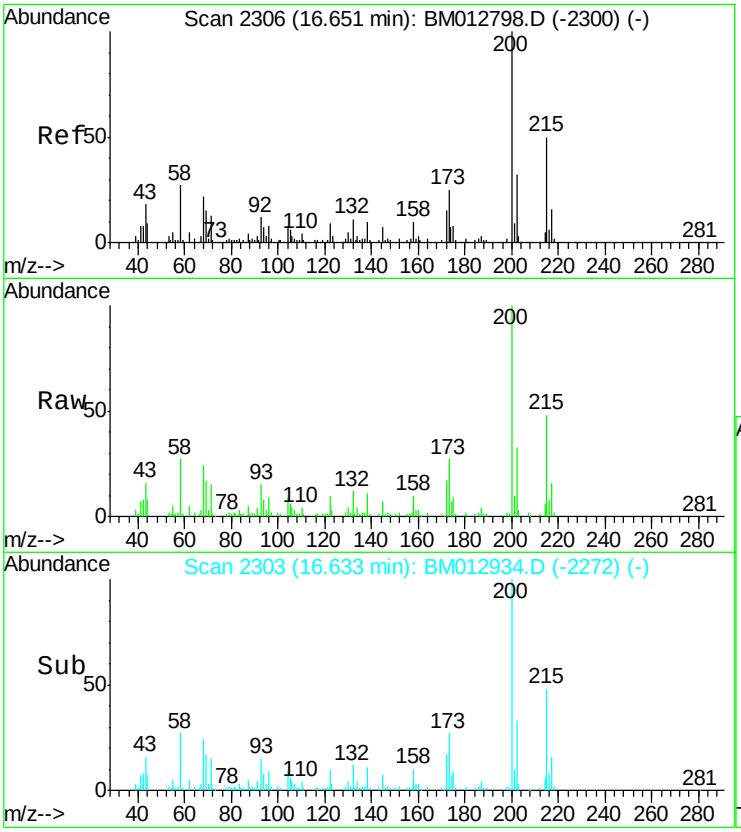


#66
Hexachlorobenzene
Concen: 19.16 ng/ul
RT: 16.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:284 Resp: 117939

Ion	Ratio	Lower	Upper
284	100		
142	25.6	33.1	49.7#
249	31.5	27.1	40.7



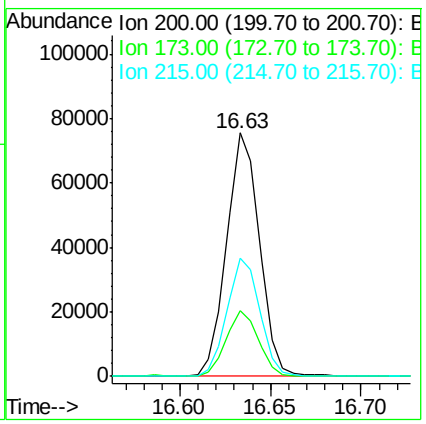


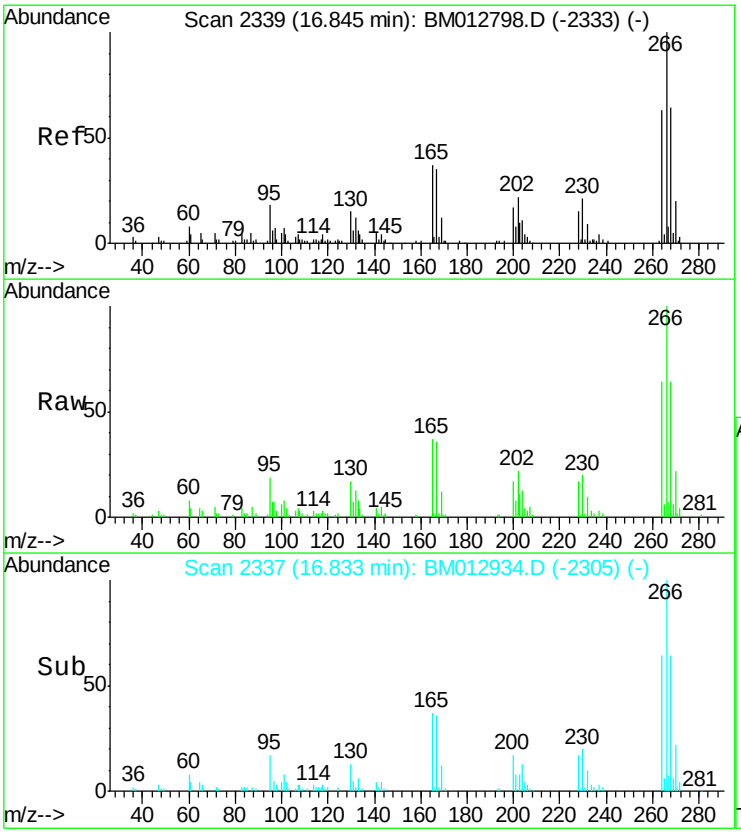
#67
Atrazine
Concen: 18.88 ng/ul
RT: 16.63 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:200 Resp: 95489

Ion	Ratio	Lower	Upper
200	100		
173	26.8	21.6	32.4
215	48.4	37.0	55.4

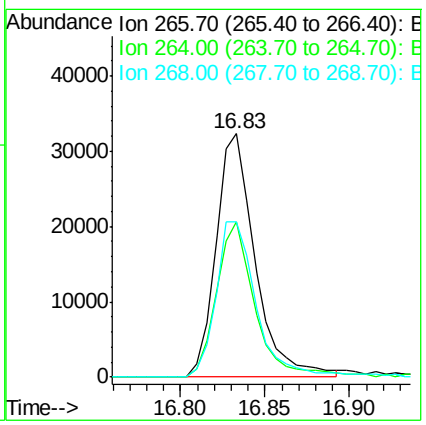


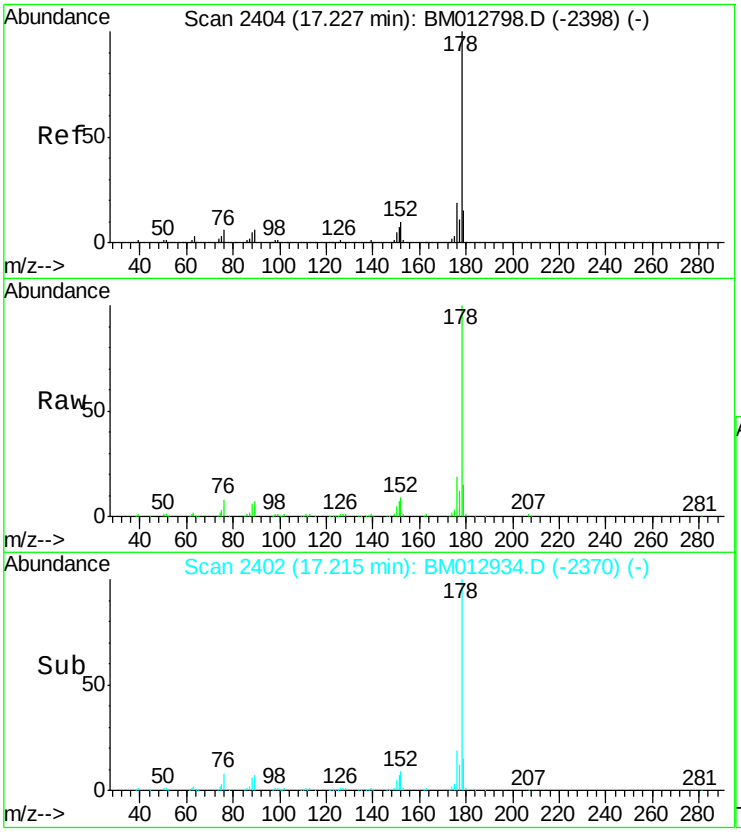


#68
Pentachlorophenol
Concen: 14.81 ng/ul
RT: 16.83 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:266 Resp: 52072

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.5	75.7
268	63.9	50.9	76.3



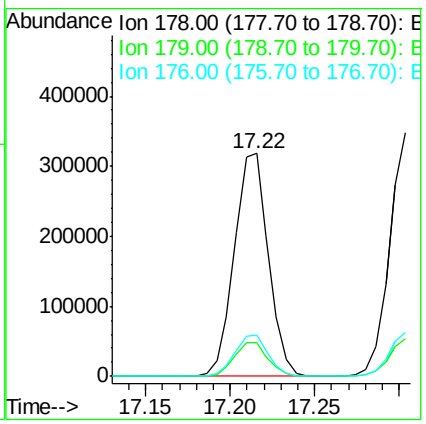


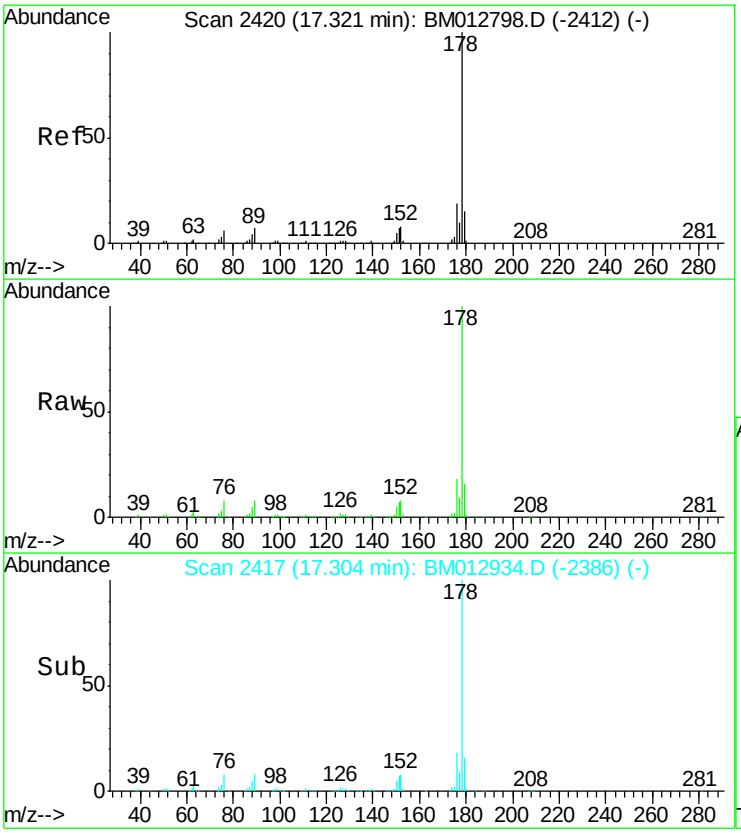
#69
Phenanthrene
Concen: 19.47 ng/ul
RT: 17.22 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 446413

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	18.7	15.6	23.4

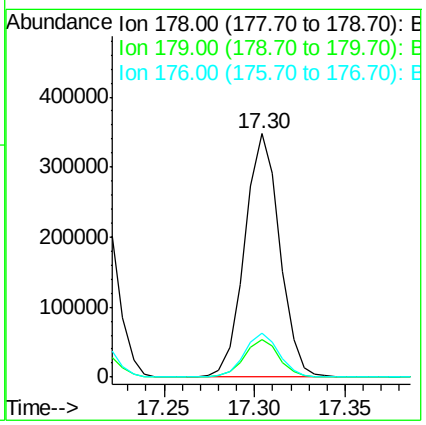


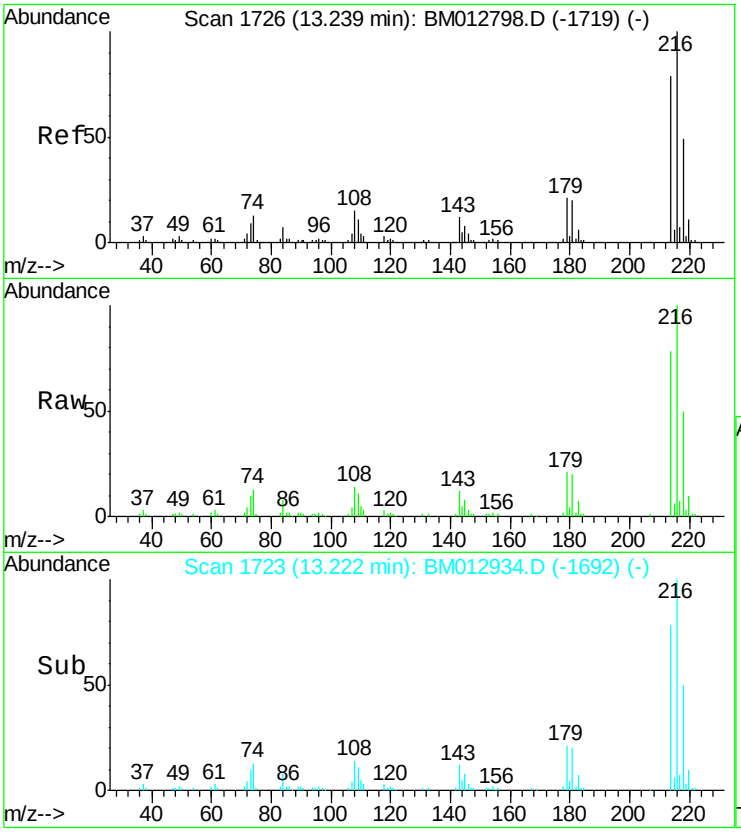


#71
Anthracene
Concen: 19.51 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:178 Resp: 463879

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.1	14.8	22.2



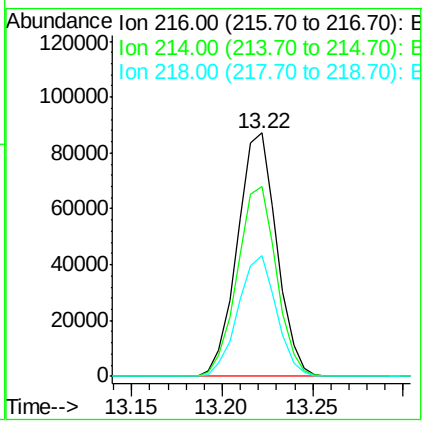


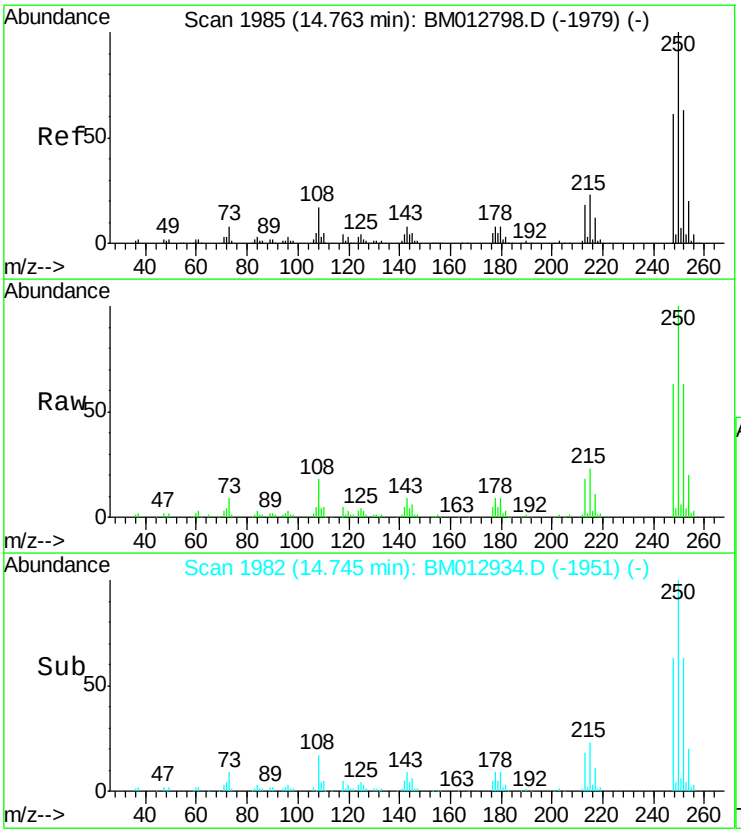
#72
1,2,3,4-Tetrachlorobenzene
Concen: 19.19 ng/uL
RT: 13.22 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 131567

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
218	49.5	38.4	57.6

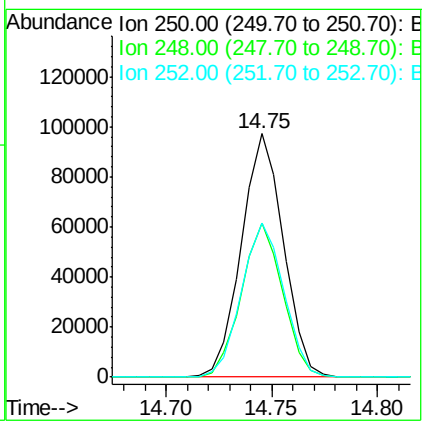


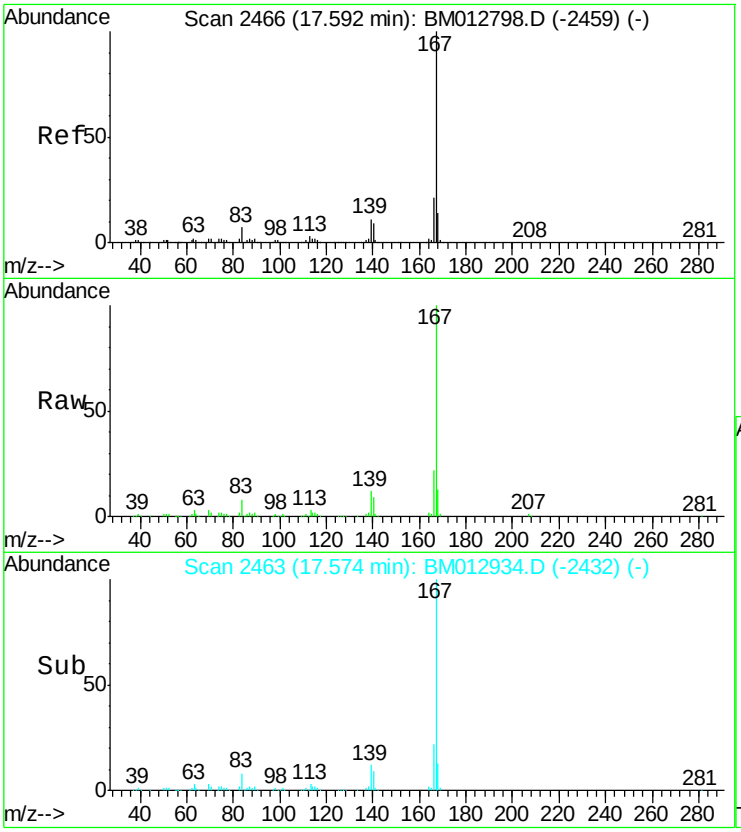


#73
Pentachlorobenzene
Concen: 19.17 ng/uL
RT: 14.75 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:250 Resp: 134510

Ion	Ratio	Lower	Upper
250	100		
248	63.1	50.6	75.8
252	63.1	51.4	77.0



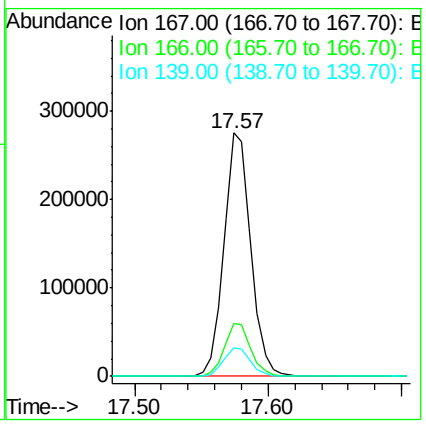


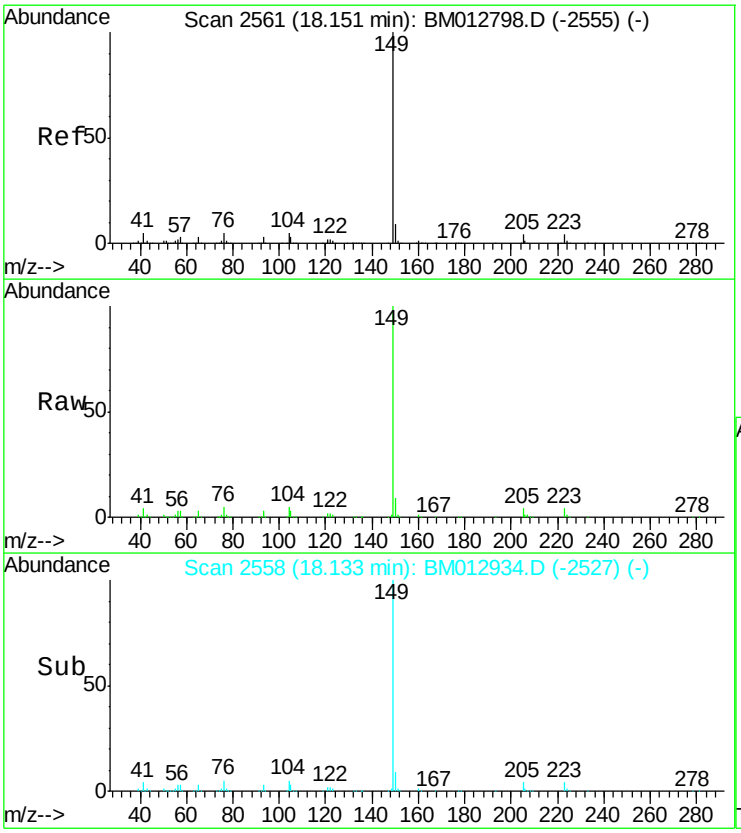
#74
Carbazole
Concen: 19.58 ng/ul
RT: 17.57 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 388300

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	11.6	11.0	16.4

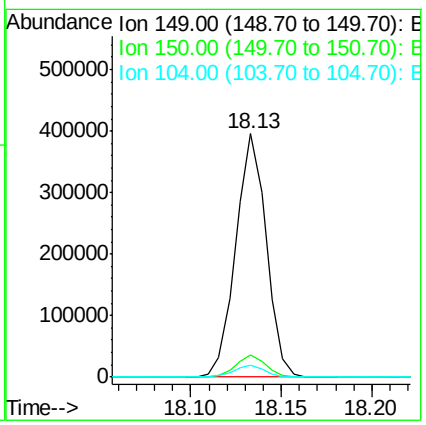


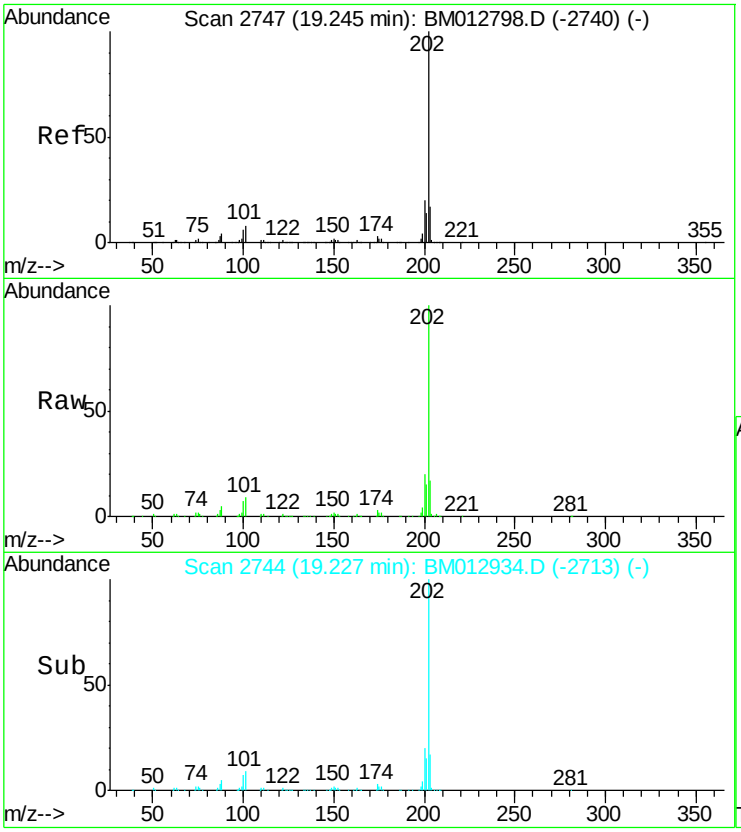


#75
Di-n-butylphthalate
Concen: 19.90 ng/ul
RT: 18.13 min Scan# 2558
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:149 Resp: 462434

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.0	4.0	6.0



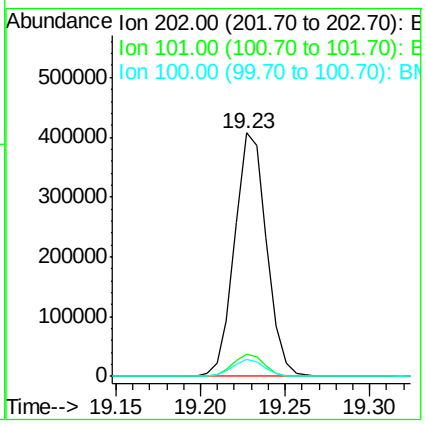


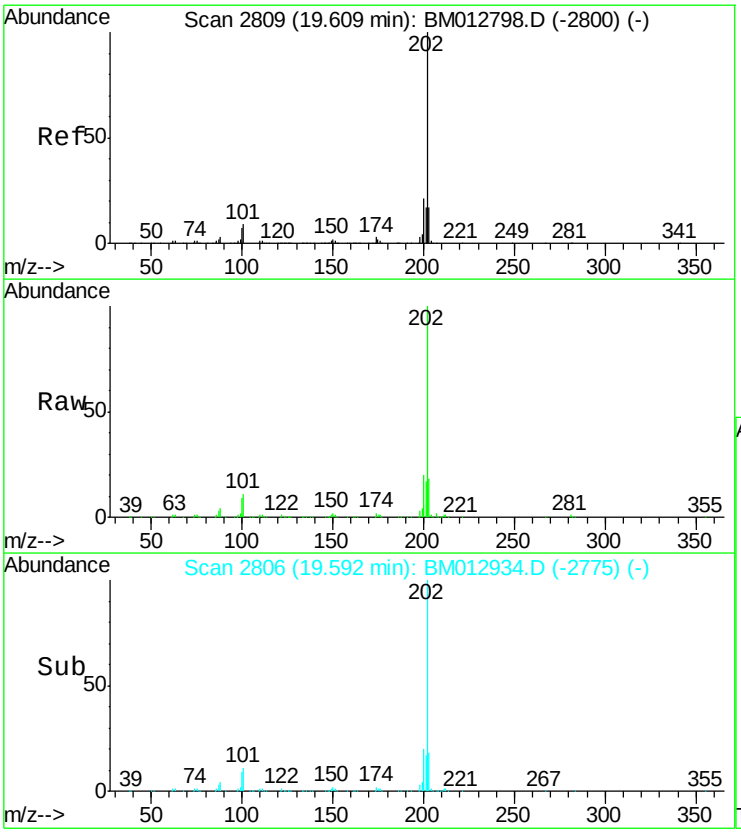
#76
Fluoranthene
Concen: 19.45 ng/ul
RT: 19.23 min Scan# 2744
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 535845

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.8	13.2
100	6.9	6.6	9.8

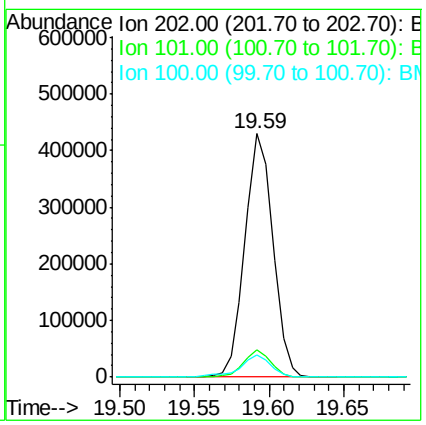


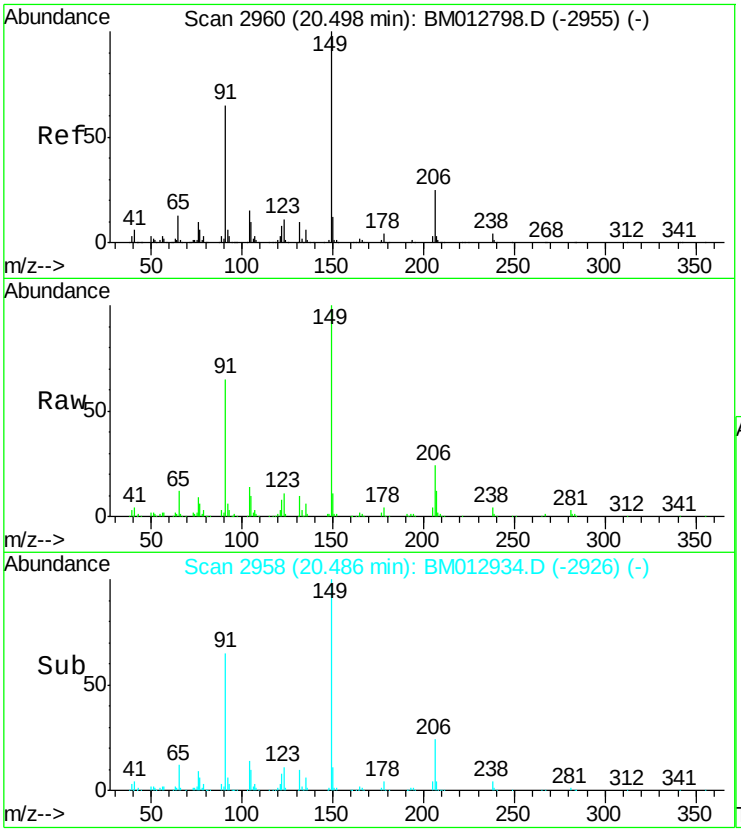


#79
Pyrene
Concen: 18.93 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:202 Resp: 559544

Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.2	15.2
100	9.1	8.5	12.7



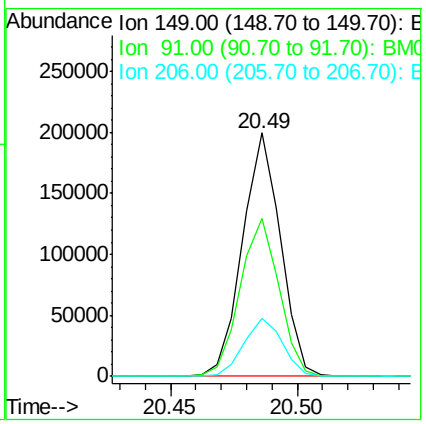


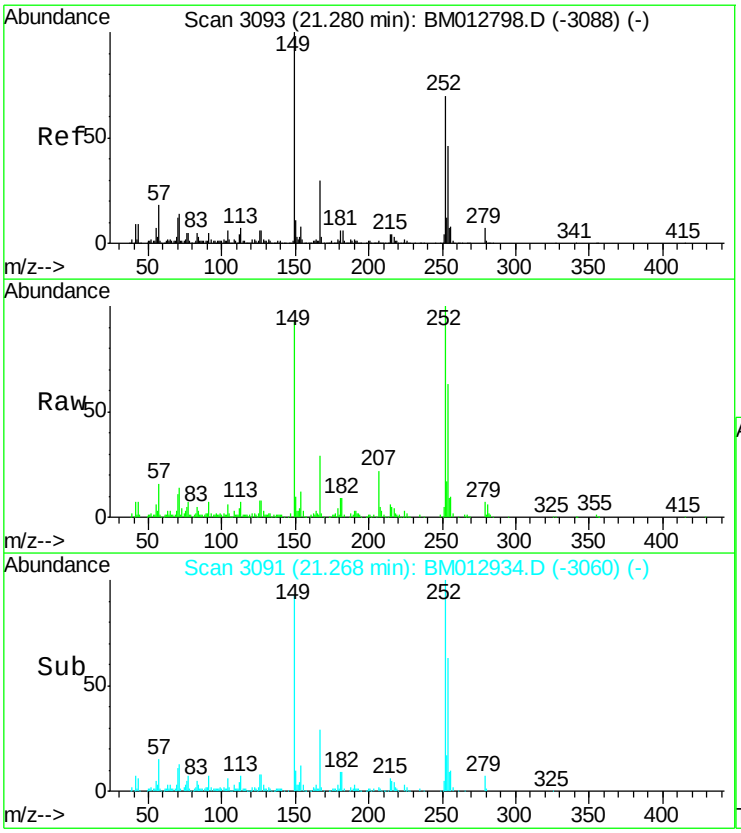
#80
Butylbenzylphthalate
Concen: 19.34 ng/ul
RT: 20.49 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 208440

Ion	Ratio	Lower	Upper
149	100		
91	64.9	53.4	80.2
206	24.1	16.6	24.8

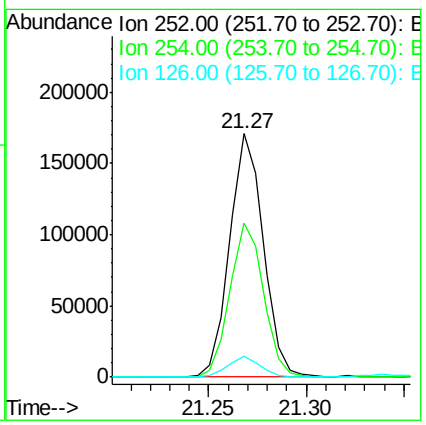


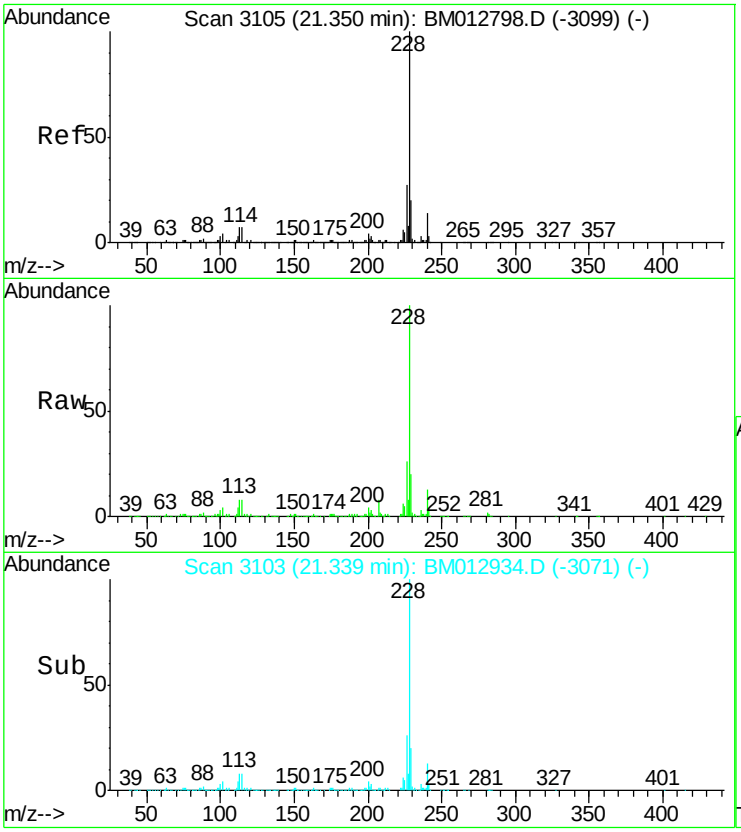


#81
3,3'-Dichlorobenzidine
Concen: 18.74 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:252 Resp: 205314

Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.2	78.2
126	8.4	9.4	14.2#



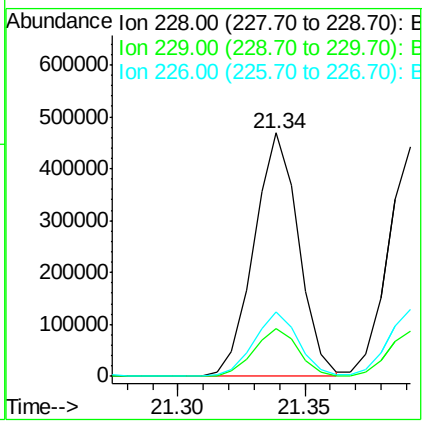


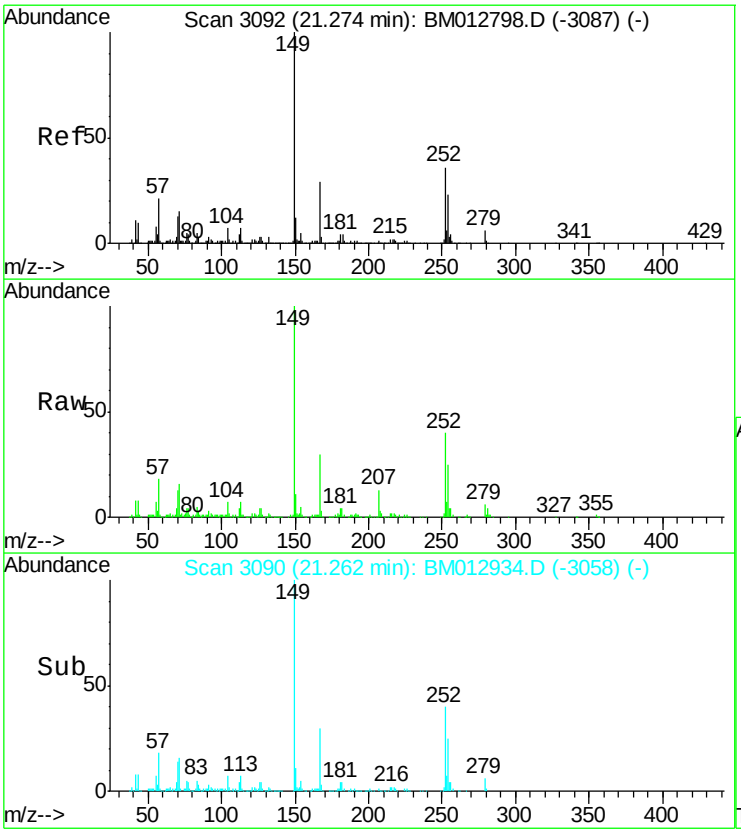
#82
Benzo(a)anthracene
Concen: 19.19 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 575231

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	26.5	21.8	32.6

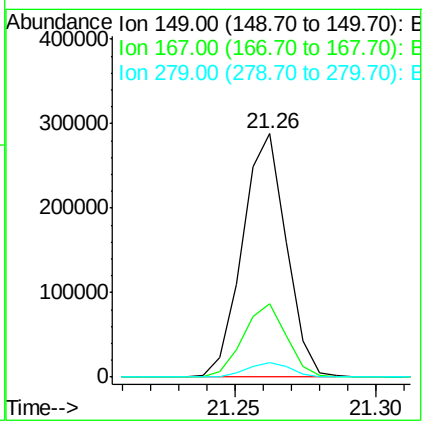


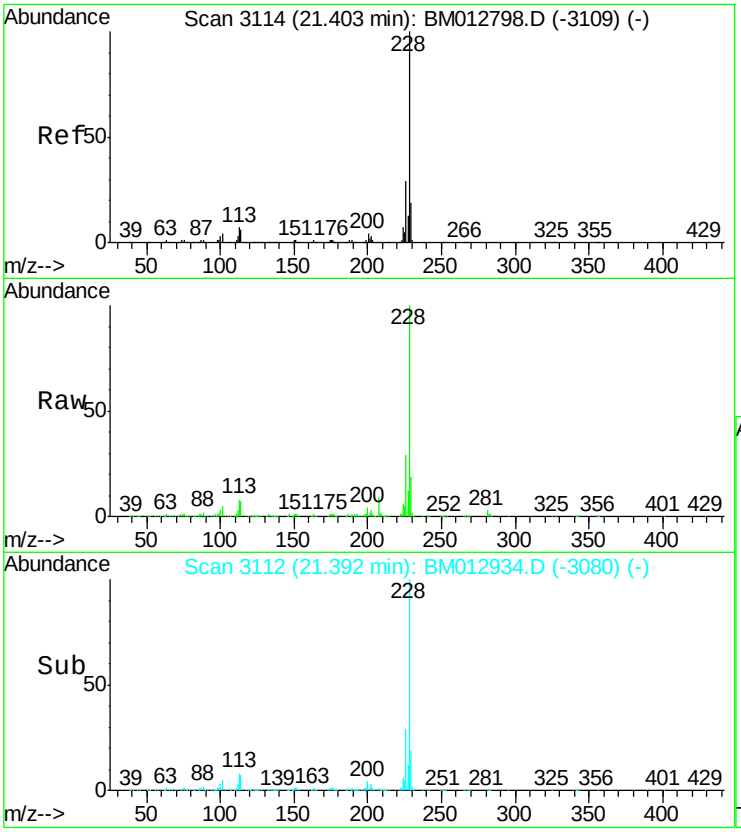


#83
Bis(2-ethylhexyl)phthalate
Concen: 19.67 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:149 Resp: 308878

Ion	Ratio	Lower	Upper
149	100		
167	30.1	21.6	32.4
279	6.0	3.0	4.4#



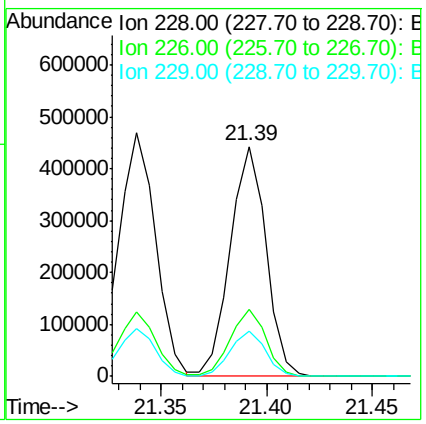


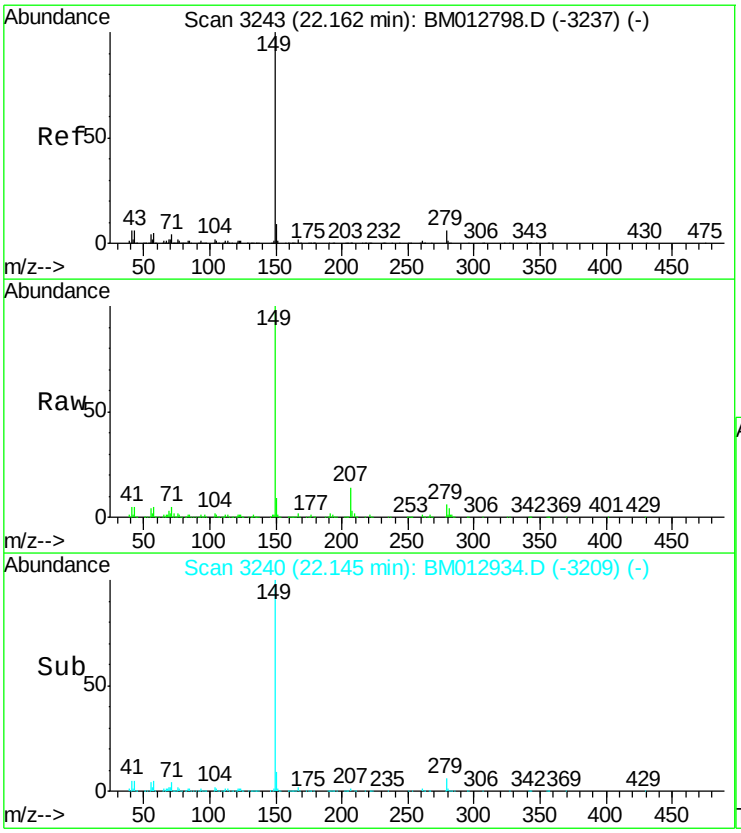
#84
Chrysene
Concen: 19.11 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 519171

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.5	15.6	23.4

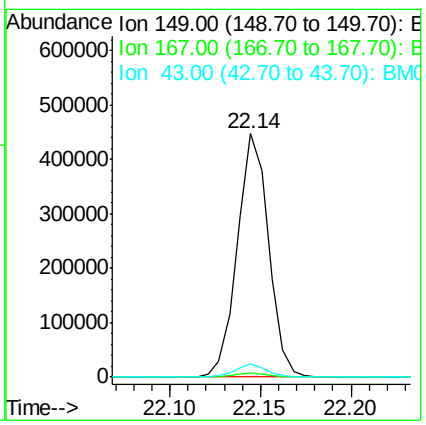


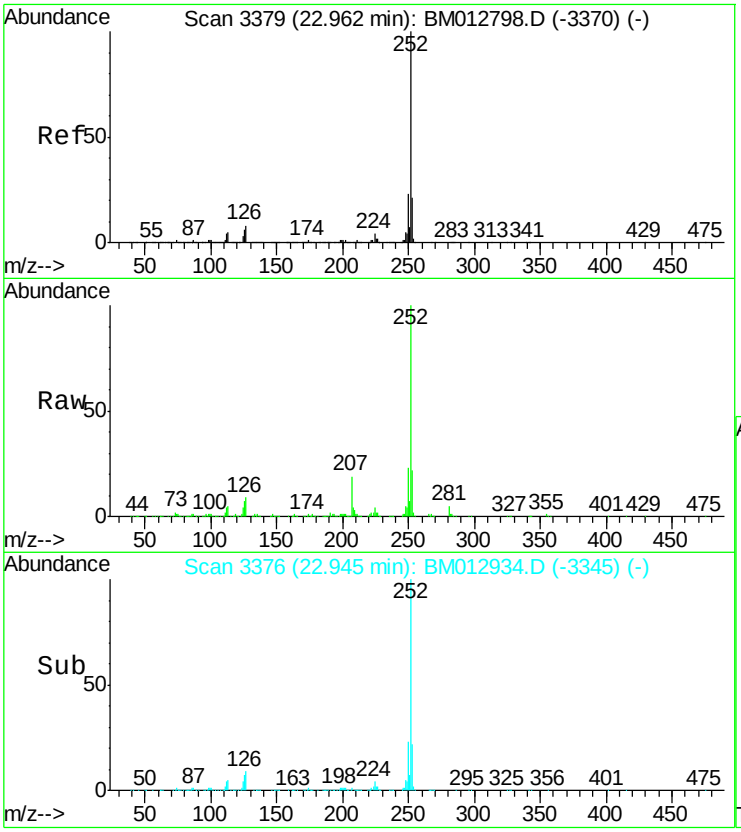


#86
Di-n-octyl phthalate
Concen: 18.39 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:149 Resp: 530547

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	5.2	5.6	8.4#



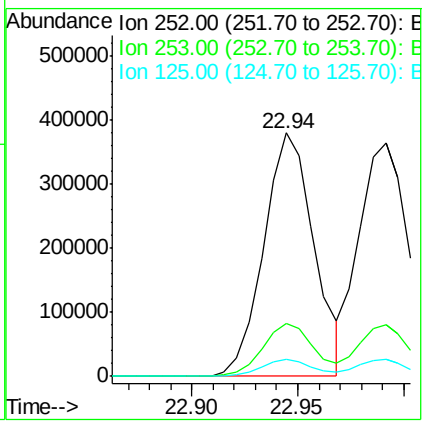


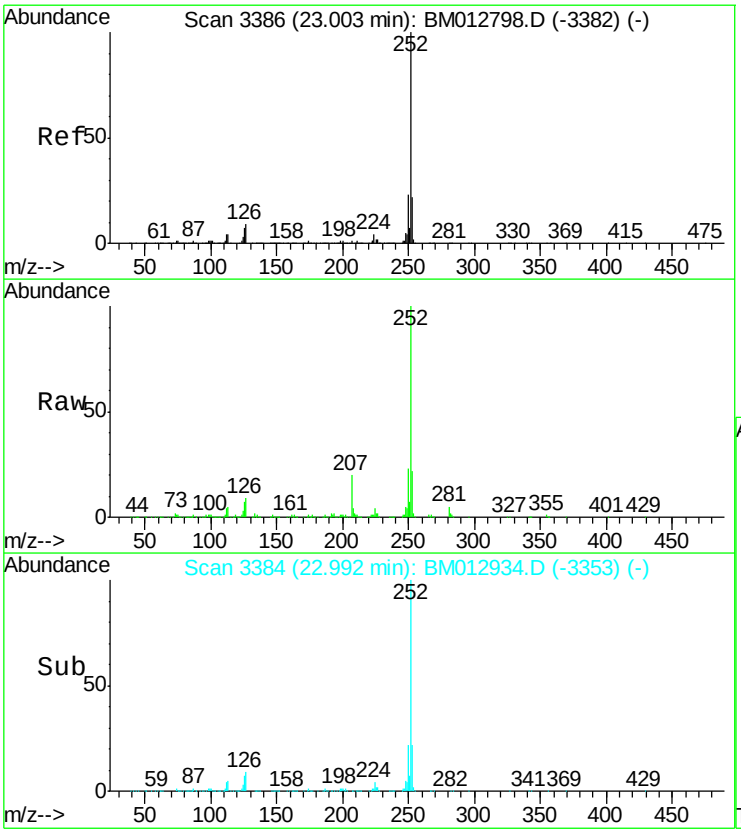
#87
Benzo(b)fluoranthene
Concen: 18.75 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 628396

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	6.9	8.5	12.7#

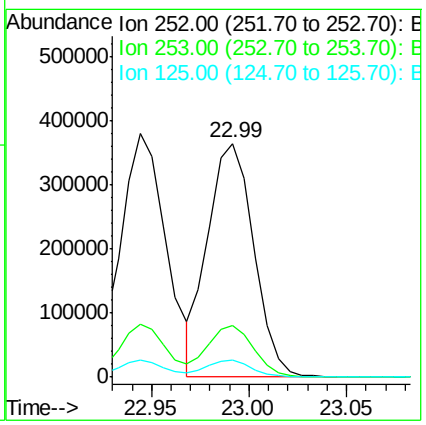


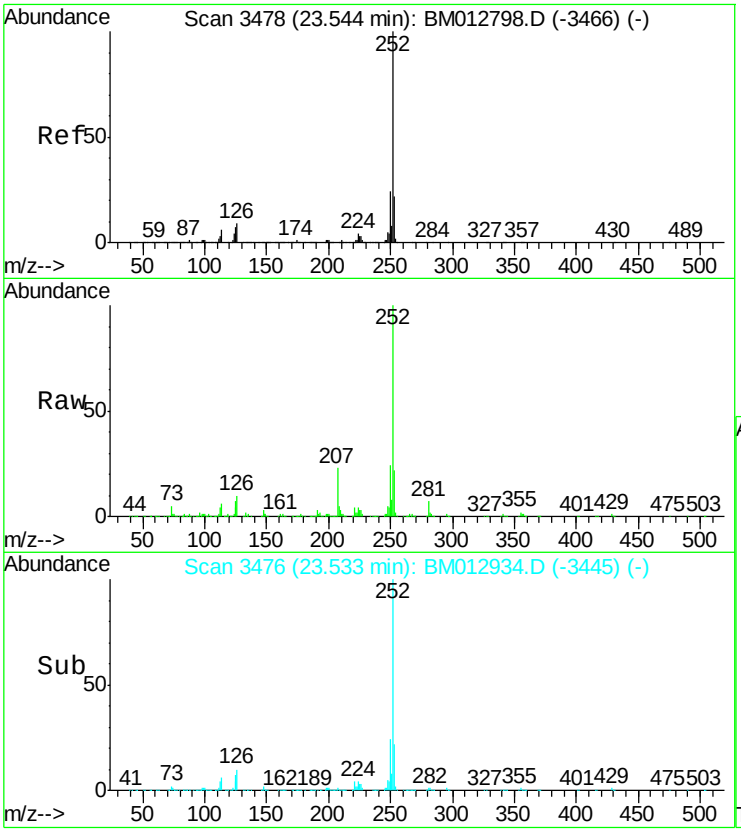


#88
Benzo(k)fluoranthene
Concen: 18.66 ng/ul
RT: 22.99 min Scan# 3384
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:252 Resp: 594308

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	7.2	8.2	12.2#



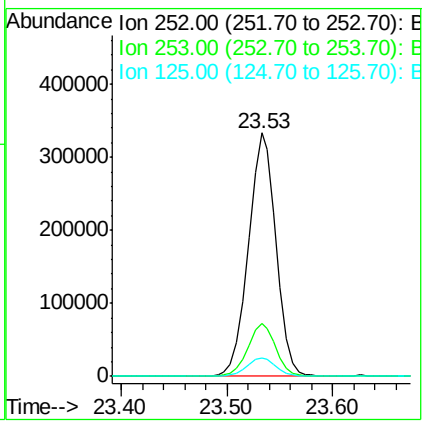


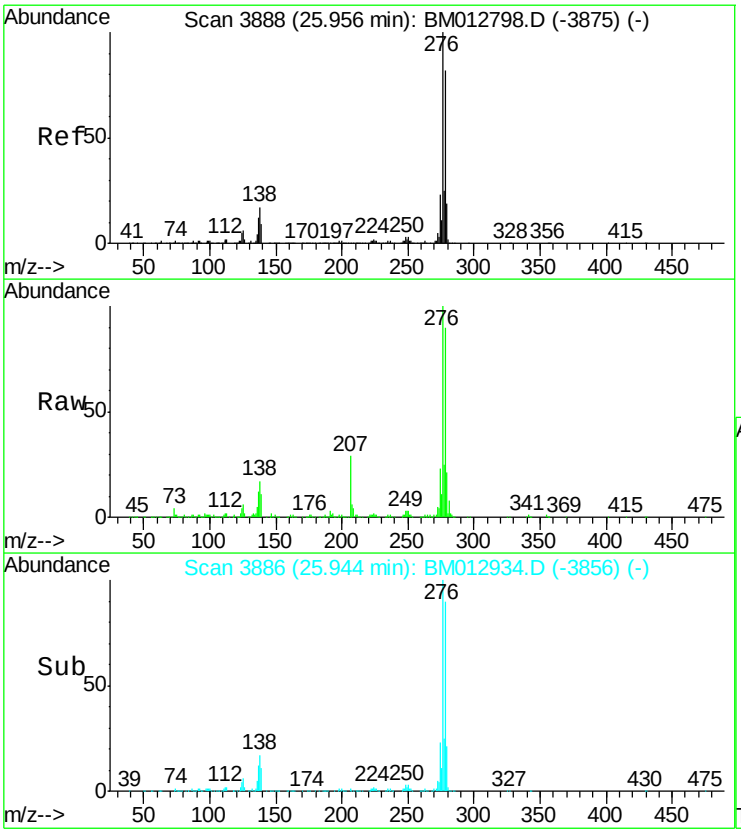
#90
Benzo(a)pyrene
Concen: 18.90 ng/ul
RT: 23.53 min Scan# 3476
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 602746

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	7.3	9.0	13.6#

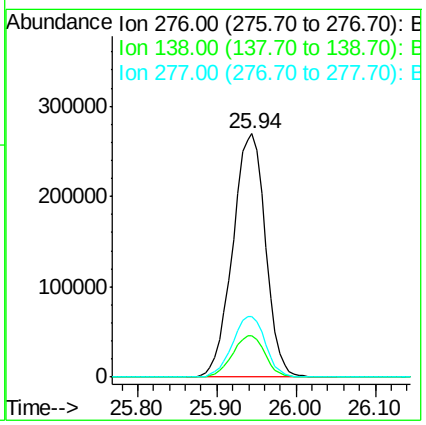


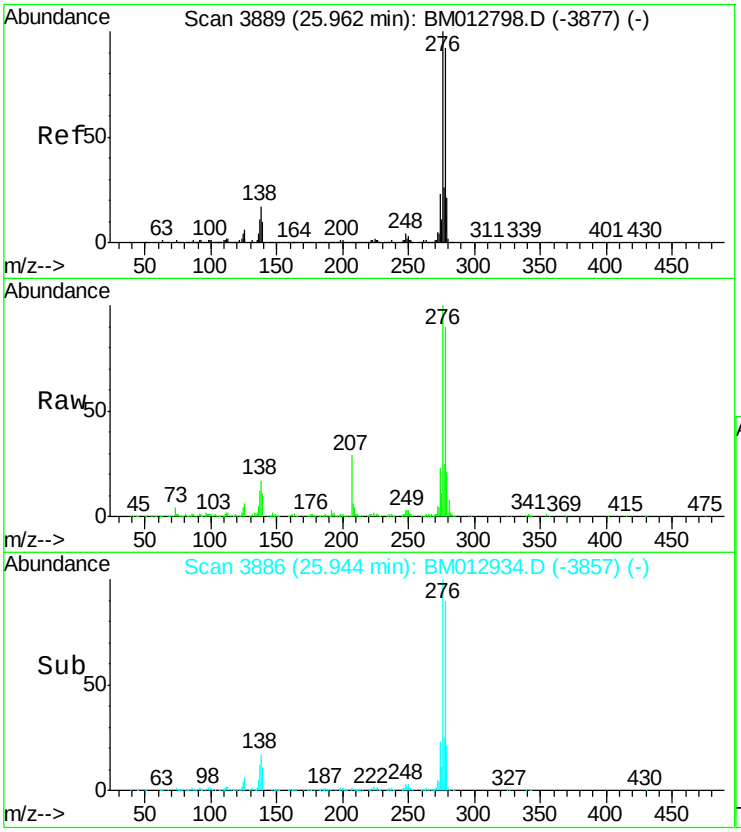


#91
Indeno(1,2,3-cd)pyrene
Concen: 20.08 ng/ul
RT: 25.94 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:276 Resp: 771528

Ion	Ratio	Lower	Upper
276	100		
138	17.1	22.3	33.5#
277	24.7	20.2	30.2



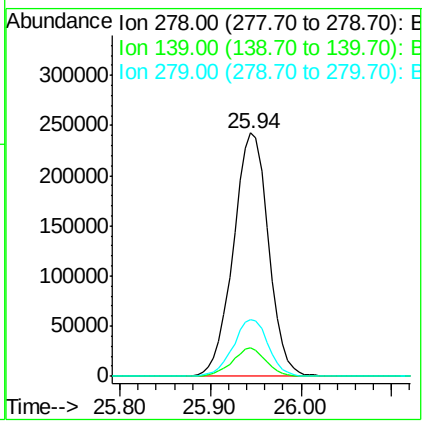


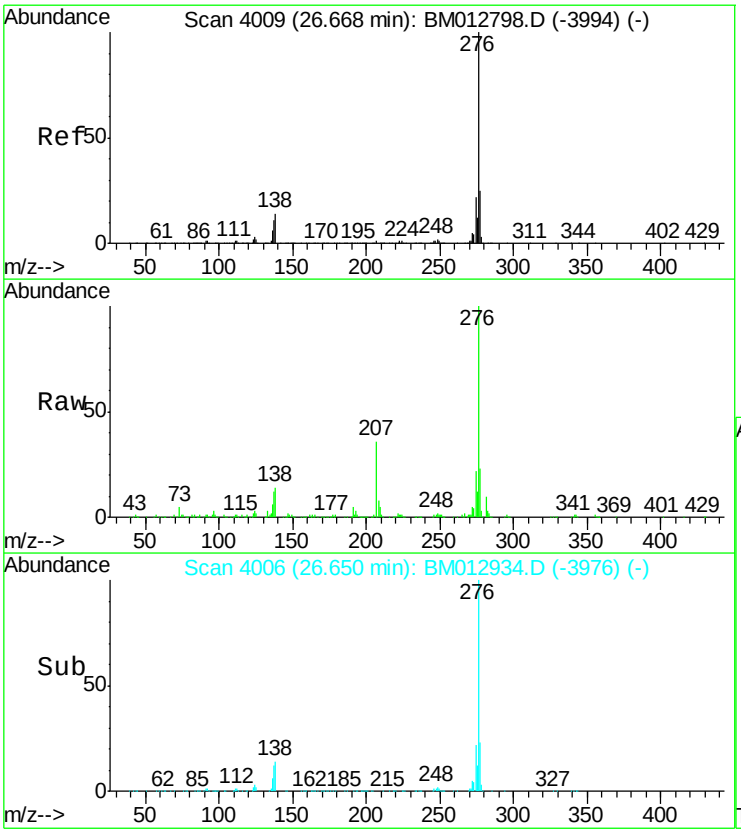
#92
Dibenzo(a,h)anthracene
Concen: 20.04 ng/ul
RT: 25.94 min Scan# 3886
Delta R.T. -0.03 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 651900

Ion	Ratio	Lower	Upper
278	100		
139	11.7	13.9	20.9#
279	23.5	19.0	28.4





#93
Benzo(g,h,i)perylene
Concen: 20.05 ng/ul
RT: 26.65 min Scan# 4006
Delta R.T. -0.02 min
Lab File: BM012934.D
Acq: 13 Nov 2017 14:50

Tgt Ion:276 Resp: 635072

Ion	Ratio	Lower	Upper
276	100		
138	14.5	18.9	28.3#
277	23.5	19.2	28.8