Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011649.D
Acq On : 21 Sep 2017 09:28
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 22 02:46:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 04:15:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	273263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1289105	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	778049	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1751947	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1999832	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1868754	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	47771	7.86	ng/uL	0.00
5) Phenol-d5	7.11	99	510893	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	372295	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	394722	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	404285	19.74	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	191893	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	207083	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	406245	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	542879	24.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1274778	19.38	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1595442	20.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	217968	17.63	ng/ul	0.00
58) Fluorene-d10	15.58	176	1133369	19.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	188172	18.46	ng/ul	0.00
71) Anthracene-d10	17.43	188	1766218	20.47	ng/ul	0.00
79) Pyrene-d10	19.72	212	1948630	20.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1785359	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	52570	7.895	ng/uL#	54
4) Benzaldehyde	7.10	77	294261	19.626	ng/ul	98
6) Phenol	7.14	94	510822	19.612	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.38	93	405770	19.789	ng/ul#	80
10) 2-Chlorophenol	7.52	128	382210	19.813	ng/ul#	90
11) 2-Methylphenol	8.39	108	384657	19.478	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.49	45	794262	23.898	ng/ul#	90
14) Acetophenone	8.79	105	634377	20.261	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.76	70	352964	21.008	ng/ul#	67
16) 4-Methylphenol	8.72	108	429340	19.869	ng/ul	92
17) Hexachloroethane	9.05	117	153906	20.870	ng/ul	83
20) Nitrobenzene	9.17	77	497606	21.625	ng/ul	98
21) Isophorone	9.69	82	933260	20.144	ng/ul	97
23) 2-Nitrophenol	9.88	139	217534	20.352	ng/ul	89
24) 2,4-Dimethylphenol	9.93	107	463732	20.276	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.17	93	591449	19.579	ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	392111	19.860	ng/ul	98
28) Naphthalene	10.82	128	1340446	20.052	ng/ul	98
30) 4-Chloroaniline	10.92	127	518517	24.148	ng/ul	98
31) Hexachlorobutadiene	11.10	225	246237	21.974	ng/ul	97
33) 4-Chloro-3-methylphenol	12.03	107	434351	20.750	ng/ul	98
34) 2-Methylnaphthalene	12.42	142	997470	20.093	ng/ul	100
35) 1-Methylnaphthalene	12.64	142	949158	20.075	ng/ul	95

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 04:15:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	483120	20.933	ng/ul#	95
38) Hexachlorocyclopentadiene	12.76	237	247824	19.157	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.02	196	320297	20.383	ng/ul	99
40) 2,4,5-Trichlorophenol	13.09	196	324570	20.371	ng/ul	96
41) 1,1'-Biphenyl	13.43	154	1296094	20.019	ng/ul#	94
42) 2-Chloronaphthalene	13.47	162	974370	20.001	ng/ul	100
43) 2-Nitroaniline	13.67	65	331620	21.917	ng/ul#	80
45) Dimethylphthalate	14.04	163	1221160	19.391	ng/ul#	98
46) 2,6-Dinitrotoluene	14.16	165	228534	20.548	ng/ul#	86
48) Acenaphthylene	14.32	152	1625905	20.307	ng/ul	99
49) 3-Nitroaniline	14.50	138	242515	17.683	ng/ul	100
50) Acenaphthene	14.66	153	1093984	20.222	ng/ul	100
51) 2,4-Dinitrophenol	14.70	184	113853	16.568	ng/ul#	60
53) 4-Nitrophenol	14.79	109	169632	21.351	ng/ul#	72
54) Dibenzofuran	14.99	168	1518008	20.060	ng/ul	98
55) 2,4-Dinitrotoluene	14.95	165	319438	19.538	ng/ul#	66
56) 2,3,4,6-Tetrachlorophenol	15.21	232	299520	20.627	ng/ul#	75
57) Diethylphthalate	15.40	149	1275189	19.458	ng/ul	95
59) Fluorene	15.64	166	1272332	20.062	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	615742	20.721	ng/ul	91
61) 4-Nitroaniline	15.66	138	242606	16.514	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.71	198	192750	18.452	ng/ul#	87
65) N-Nitrosodiphenylamine	15.84	169	1044249	19.568	ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	360956	20.172	ng/ul	93
67) Hexachlorobenzene	16.64	284	400724	20.344	ng/ul#	89
68) Atrazine	16.79	200	362034	19.580	ng/ul	98
69) Pentachlorophenol	16.98	266	231392	18.295	ng/ul	98
70) Phenanthrene	17.37	178	1970185	20.175	ng/ul	99
72) Anthracene	17.47	178	2071167	20.670	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	481665	20.632	ng/uL	97
74) Pentachlorobenzene	14.91	250	488263	20.621	ng/uL	97
75) Carbazole	17.73	167	1784846	20.878	ng/ul	98
76) Di-n-butylphthalate	18.28	149	2256559	20.097	ng/ul	99
77) Fluoranthene	19.38	202	2307365	22.972	ng/ul#	89
80) Pyrene	19.74	202	2498872	21.417	ng/ul#	87
81) Butylbenzylphthalate	20.63	149	1037366	19.333	ng/ul#	91
82) 3,3'-Dichlorobenzidine	21.42	252	747422	20.580	ng/ul#	98
83) Benzo(a)anthracene	21.48	228	2400089	21.797	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1565703	19.000	ng/ul#	95
85) Chrysene	21.53	228	2179291	21.831	ng/ul	99
87) Di-n-octyl phthalate	22.30	149	2733042	20.607	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	2221139	19.757	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	2273450	21.056	ng/ul#	97
91) Benzo(a)pyrene	23.76	252	2157634	20.333	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	2197959	18.829	ng/ul#	86
93) Dibenzo(a,h)anthracene	26.30	278	1852900	18.720	ng/ul#	95
94) Benzo(g,h,i)perylene	27.04	276	1750516	18.518	ng/ul#	92

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

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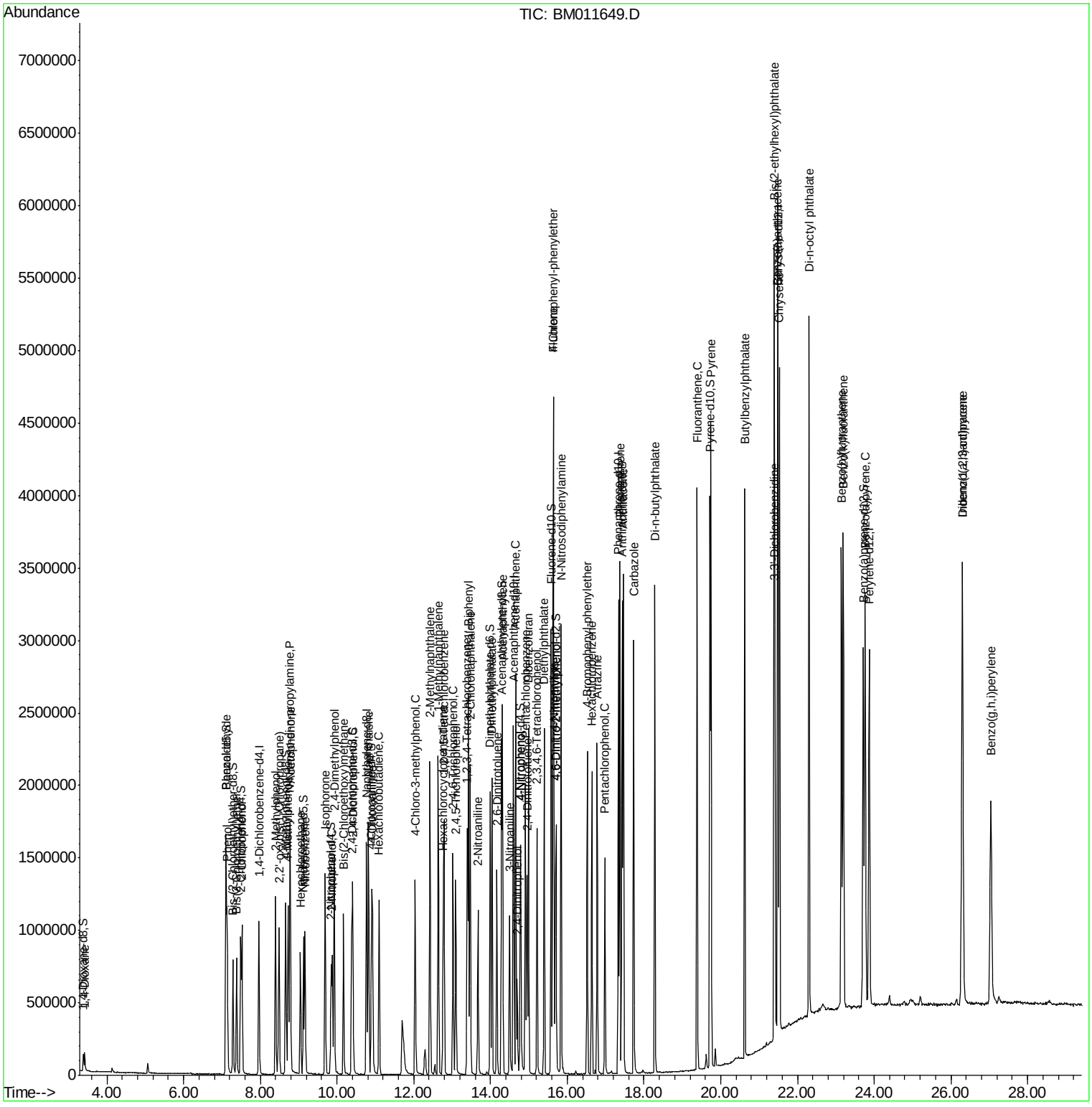
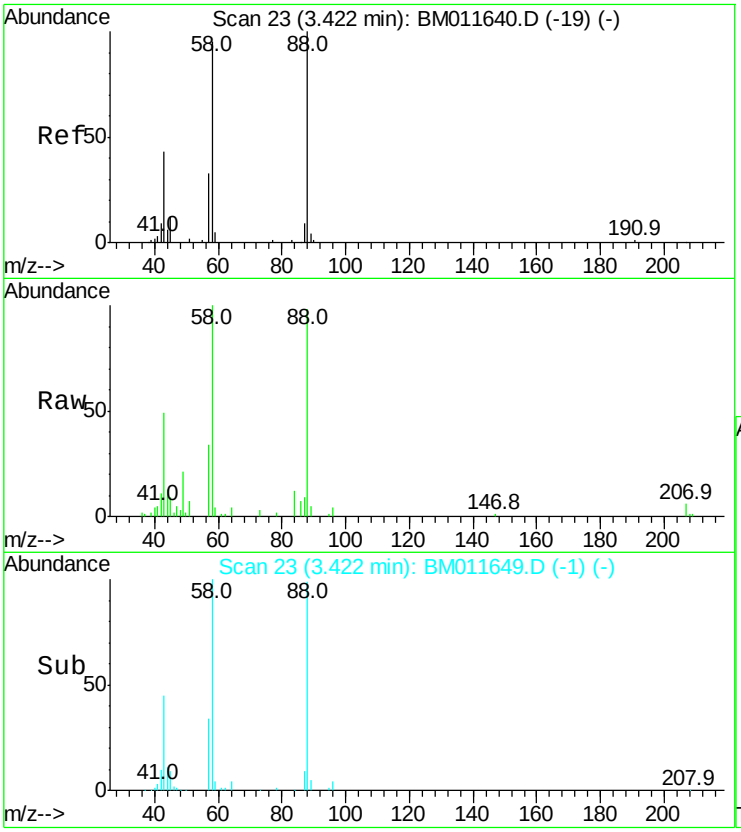
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 02:46:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 04:15:10 2017
Response via : Initial Calibration



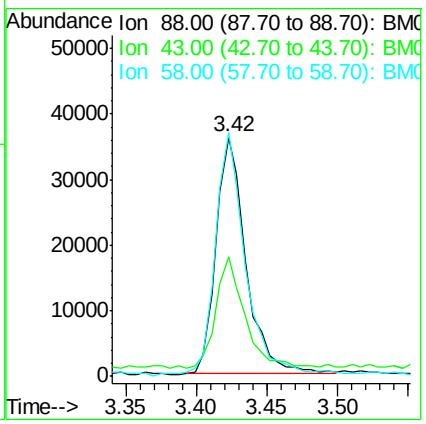


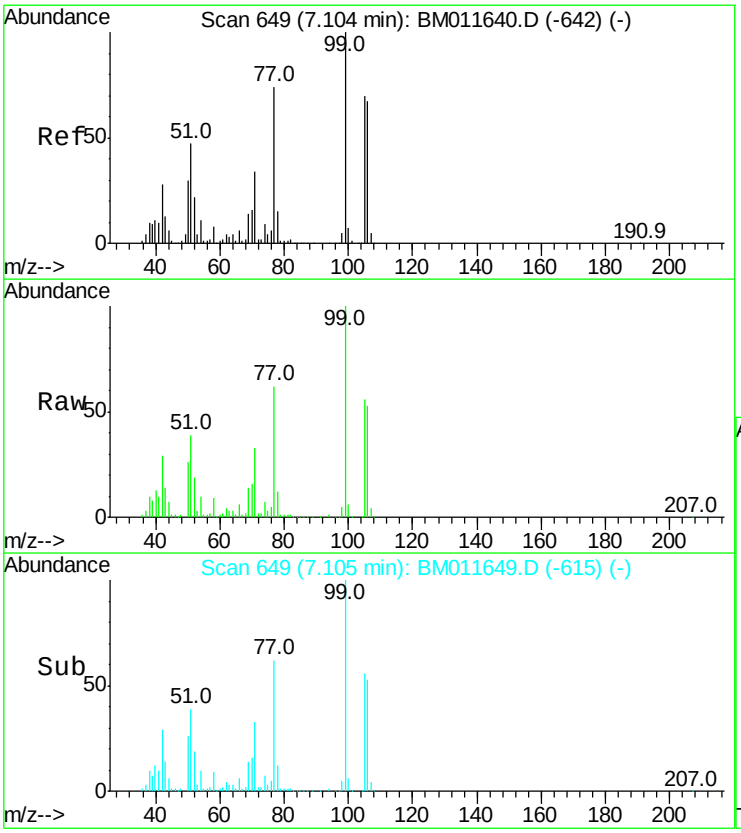
#2
1,4-Dioxane
Concen: 7.895 ng/uL
RT: 3.42 min Scan# 23
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 52570

Ion	Ratio	Lower	Upper
88	100		
43	50.0	29.0	43.4#
58	102.0	45.9	68.9#

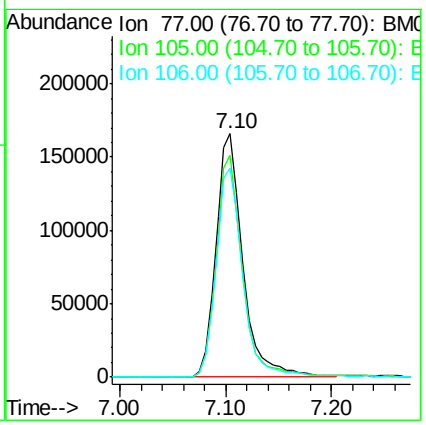


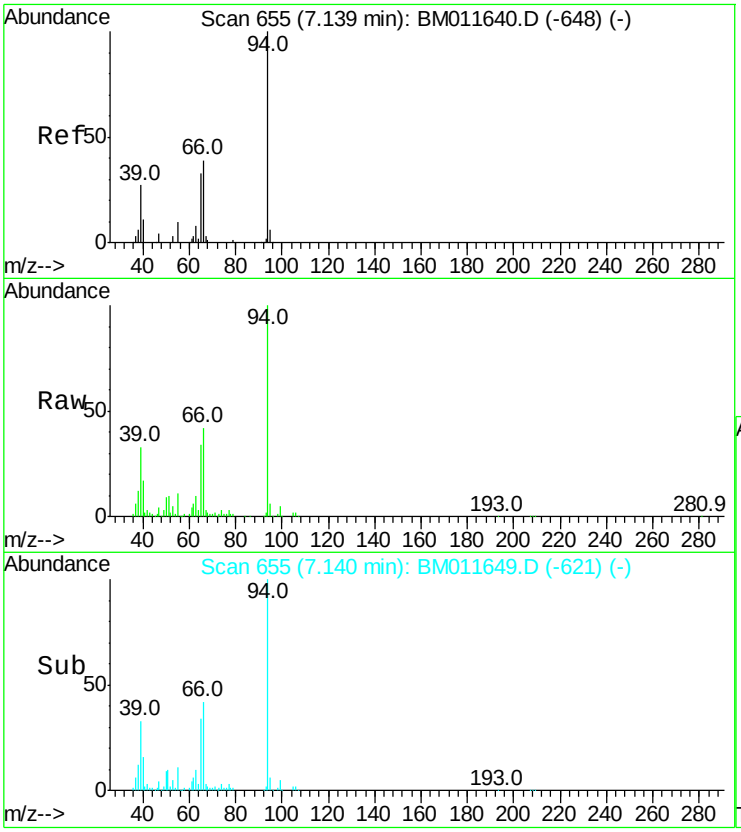


#4
Benzaldehyde
Concen: 19.626 ng/ul
RT: 7.10 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion: 77 Resp: 294261

Ion	Ratio	Lower	Upper
77	100		
105	91.4	71.0	106.6
106	86.0	69.5	104.3



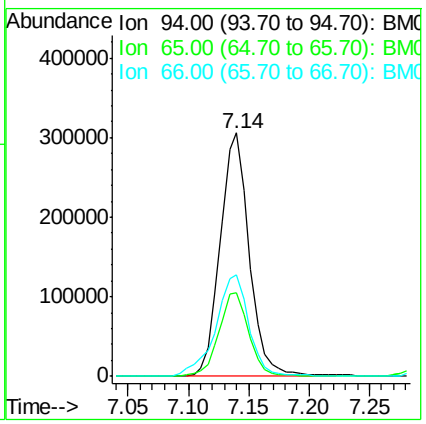


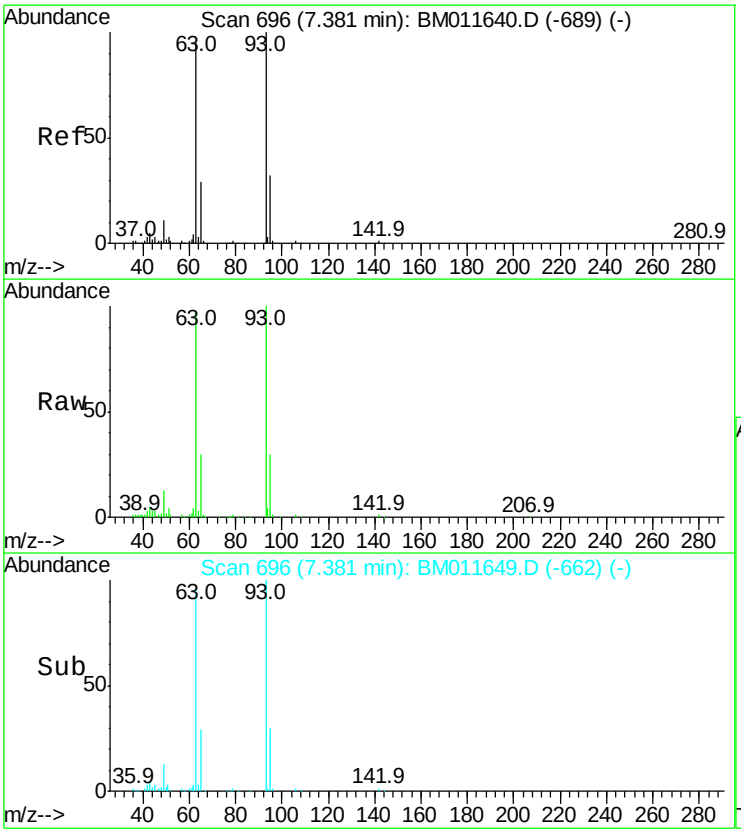
#6
Phenol
Concen: 19.612 ng/ul
RT: 7.14 min Scan# 655
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 510822

Ion	Ratio	Lower	Upper
94	100		
65	34.3	23.0	34.6
66	41.7	30.4	45.6

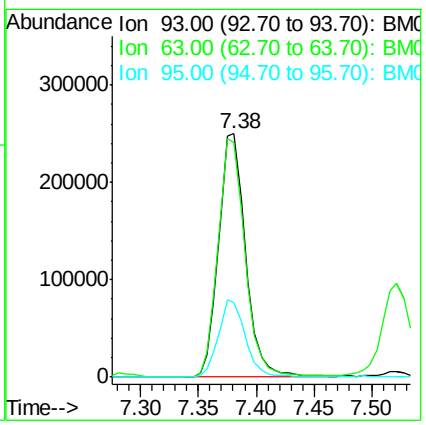


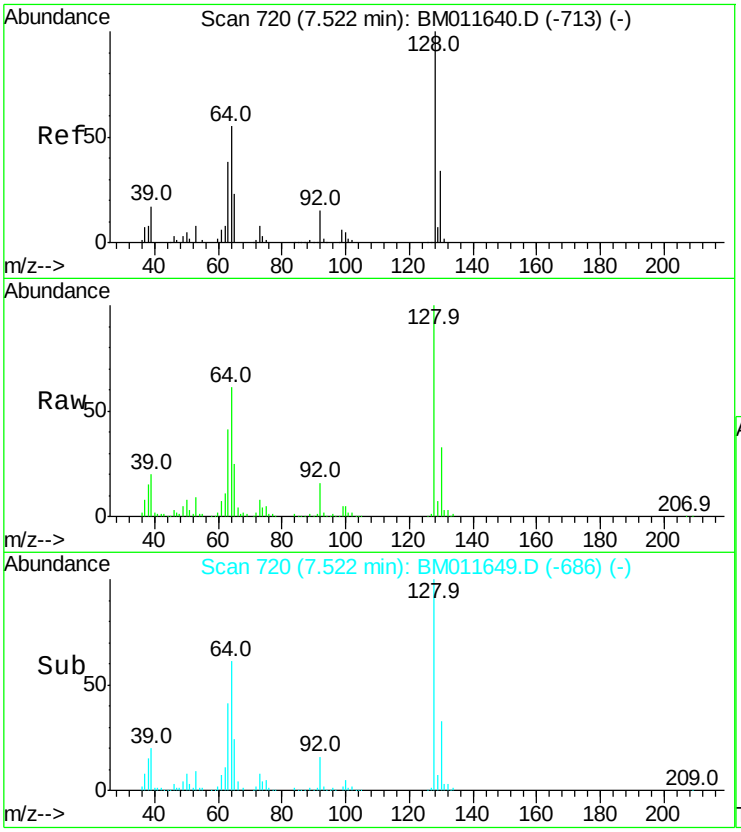


#8
Bis(2-Chloroethyl)ether
Concen: 19.789 ng/ul
RT: 7.38 min Scan# 696
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion: 93 Resp: 405770

Ion	Ratio	Lower	Upper
93	100		
63	96.5	59.4	89.2#
95	30.4	26.4	39.6



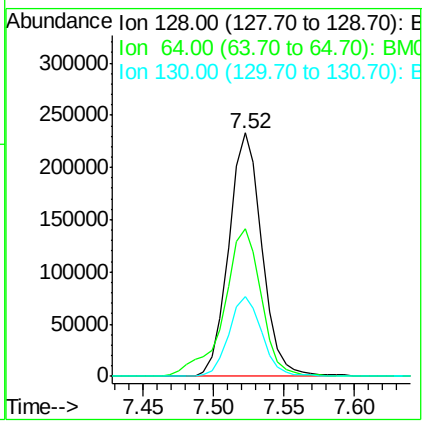


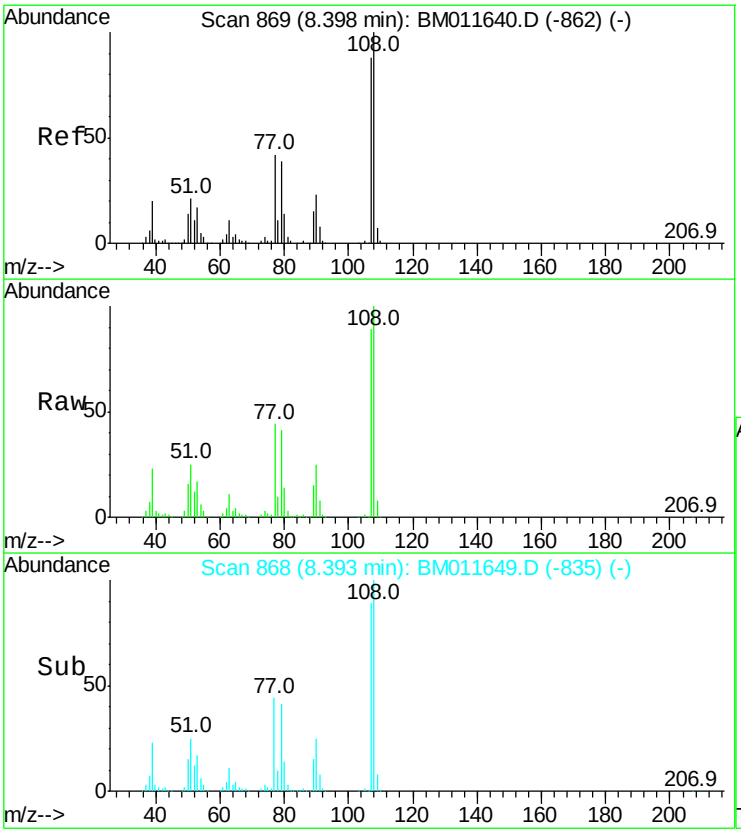
#10
2-Chlorophenol
Concen: 19.813 ng/ul
RT: 7.52 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 382210

Ion	Ratio	Lower	Upper
128	100		
64	60.6	39.8	59.6#
130	32.8	25.8	38.8

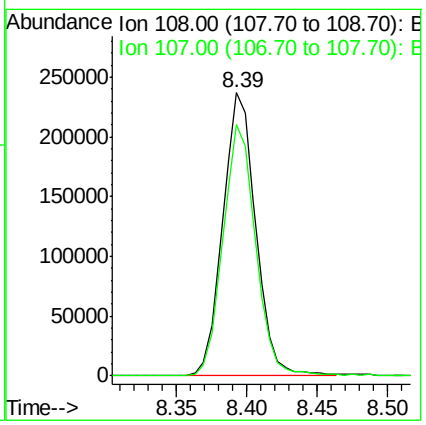


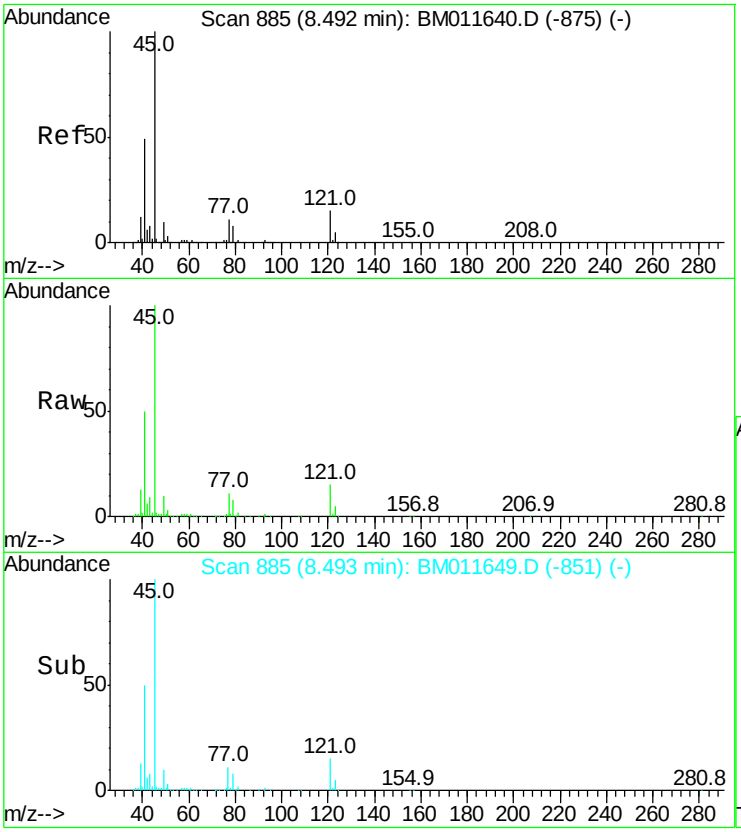


#11
2-Methylphenol
Concen: 19.478 ng/ul
RT: 8.39 min Scan# 868
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:108 Resp: 384657

Ion	Ratio	Lower	Upper
108	100		
107	88.8	74.1	111.1



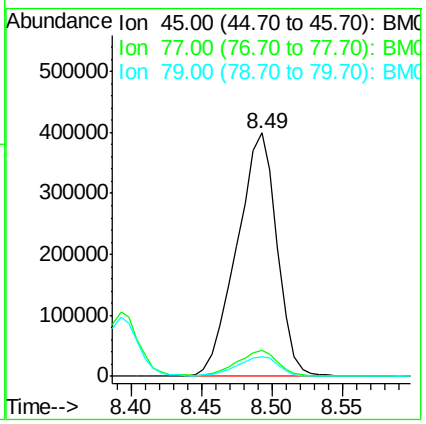


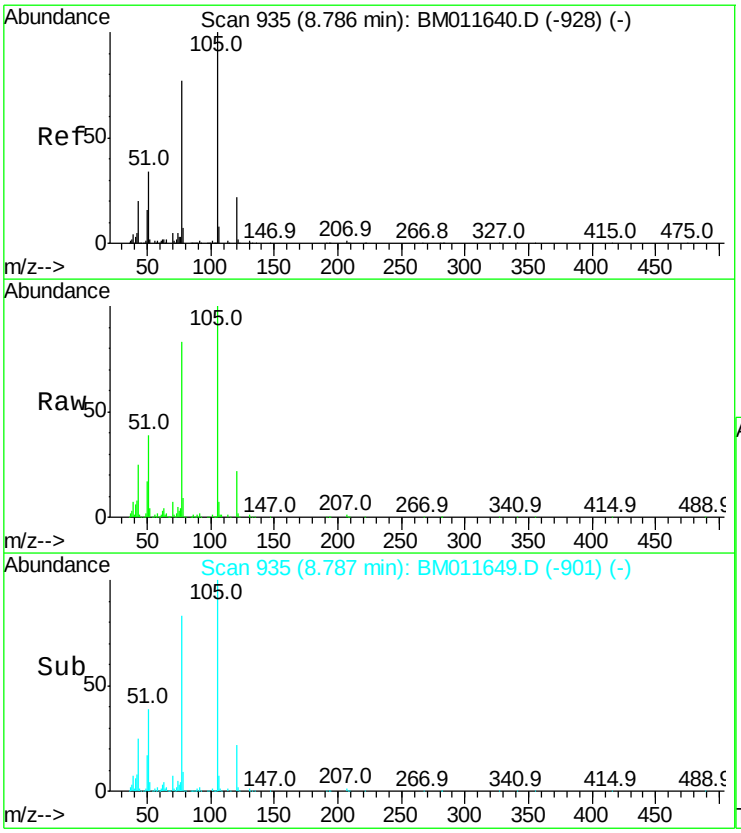
#12
2,2'-oxybis(1-Chloropropane)
Concen: 23.898 ng/ul
RT: 8.49 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 794262

Ion	Ratio	Lower	Upper
45	100		
77	10.8	12.5	18.7#
79	8.3	9.4	14.2#

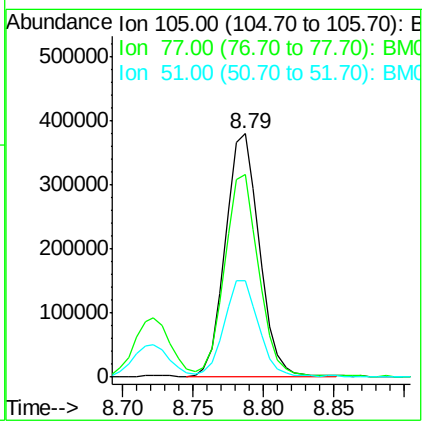


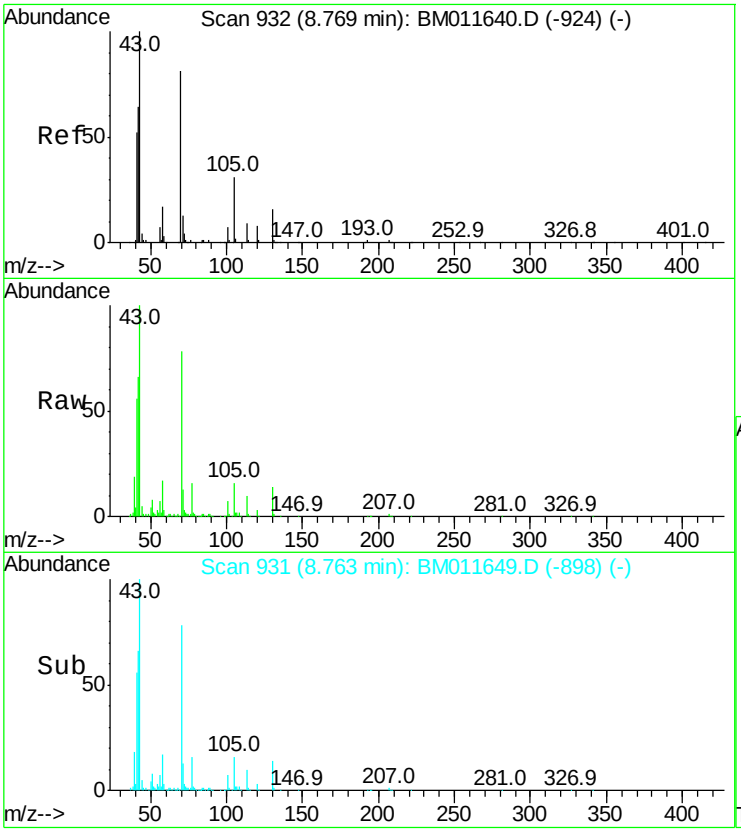


#14
Acetophenone
Concen: 20.261 ng/ul
RT: 8.79 min Scan# 935
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:105 Resp: 634377

Ion	Ratio	Lower	Upper
105	100		
77	83.3	63.2	94.8
51	39.4	19.8	29.8#



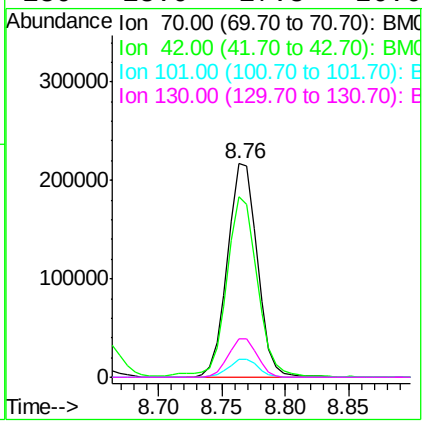


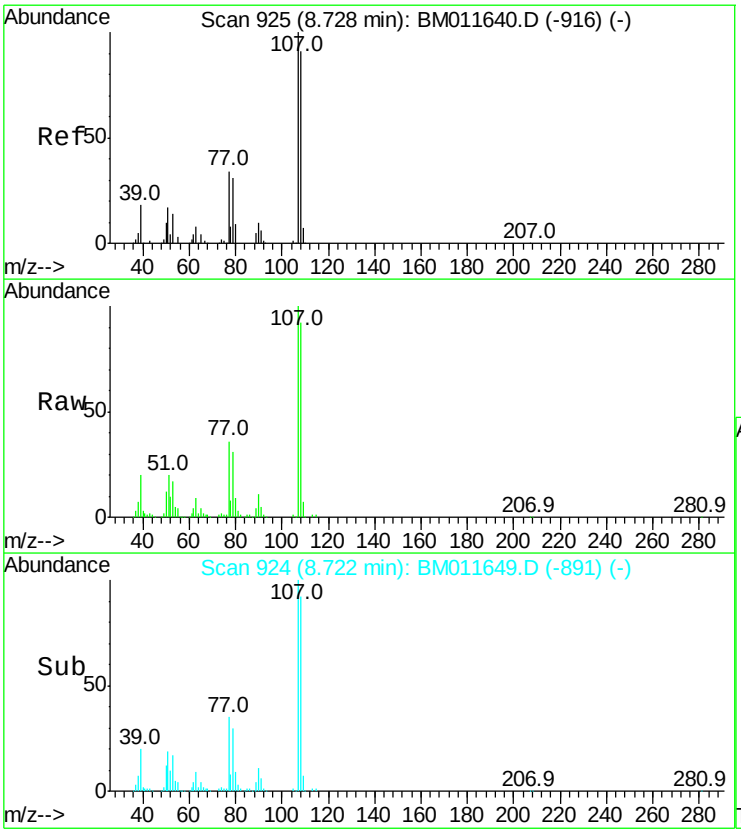
#15
N-Nitroso-di-n-propylamine
Concen: 21.008 ng/ul
RT: 8.76 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 352964

Ion	Ratio	Lower	Upper
70	100		
42	84.3	40.2	60.4#
101	8.4	7.7	11.5
130	18.0	17.8	26.6

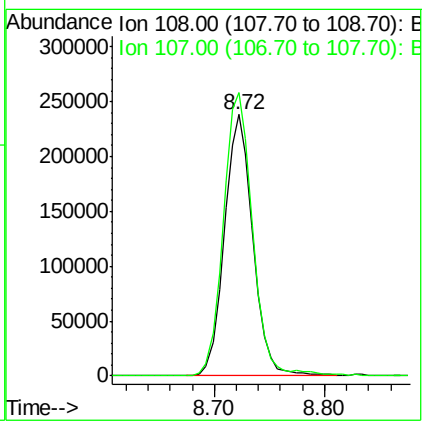


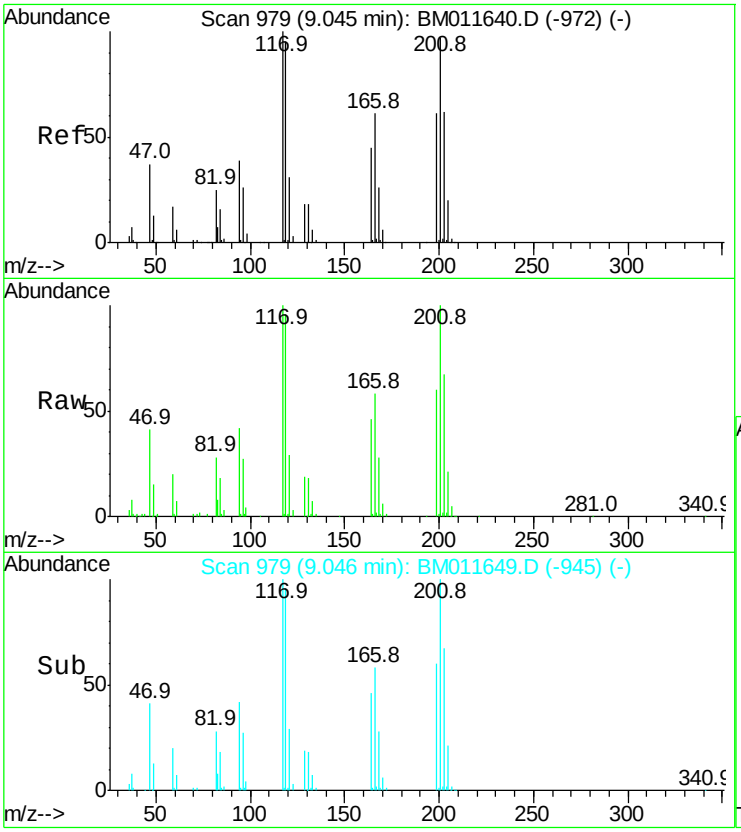


#16
4-Methylphenol
Concen: 19.869 ng/ul
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:108 Resp: 429340

Ion	Ratio	Lower	Upper
108	100		
107	108.3	93.6	140.4



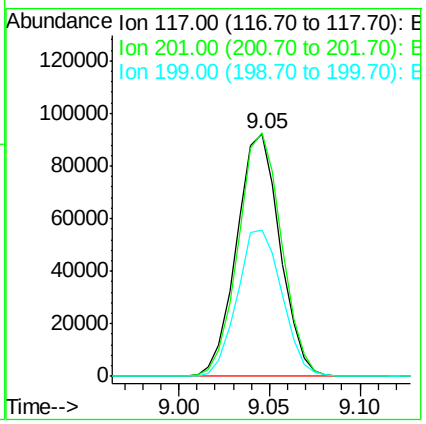


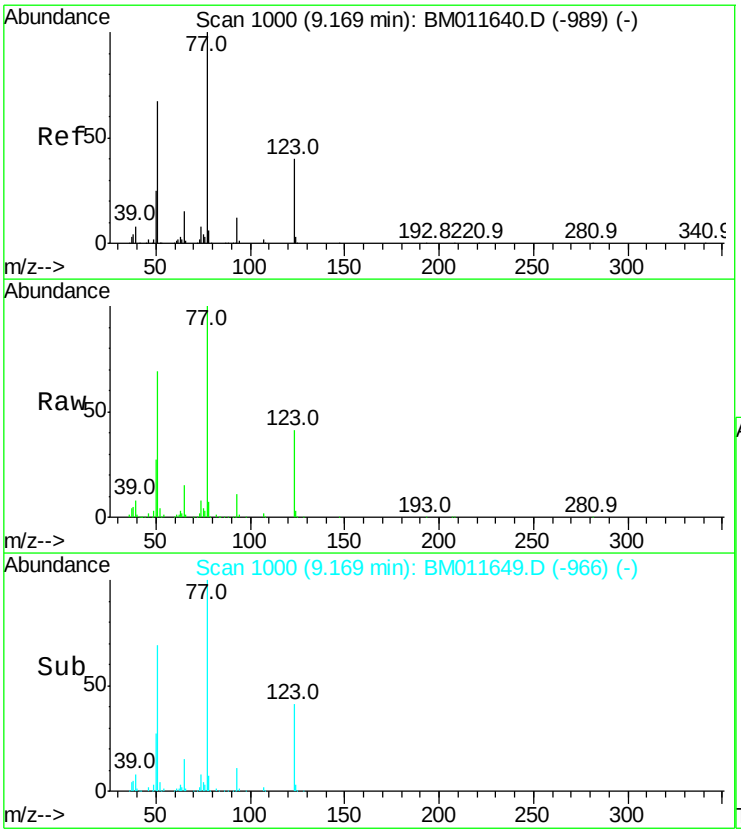
#17
Hexachloroethane
Concen: 20.870 ng/ul
RT: 9.05 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 153906

Ion	Ratio	Lower	Upper
117	100		
201	100.4	96.1	144.1
199	61.9	59.7	89.5

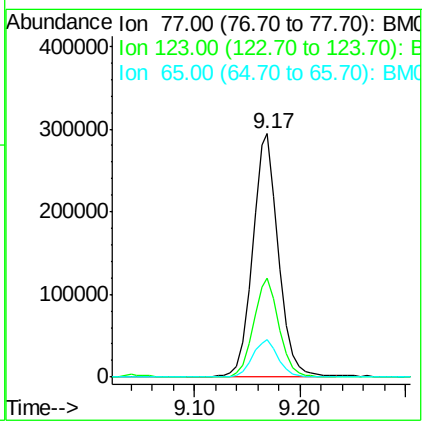


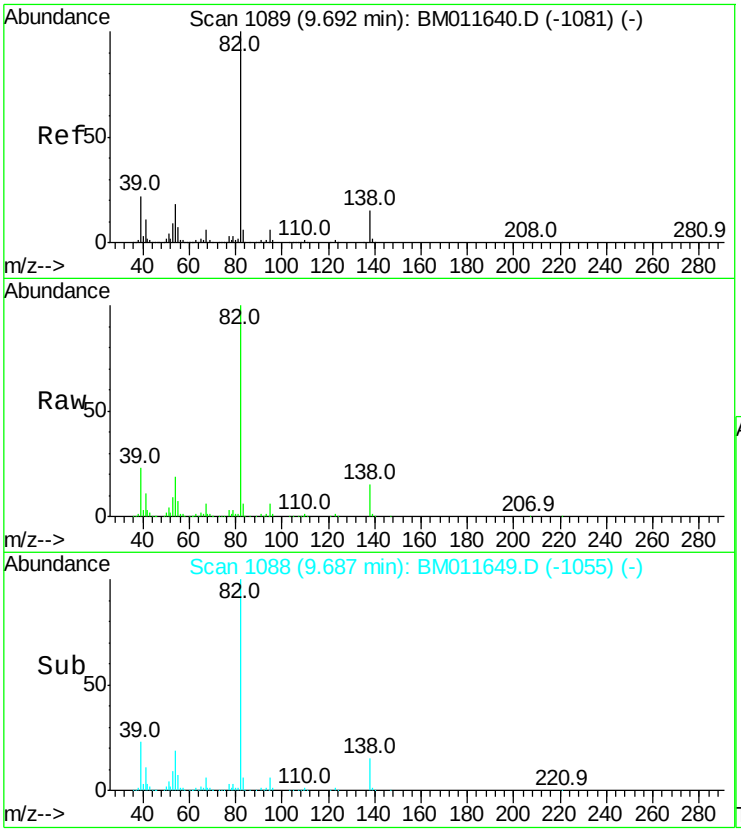


#20
Nitrobenzene
Concen: 21.625 ng/ul
RT: 9.17 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion: 77 Resp: 497606

Ion	Ratio	Lower	Upper
77	100		
123	40.7	31.8	47.8
65	15.4	10.6	16.0



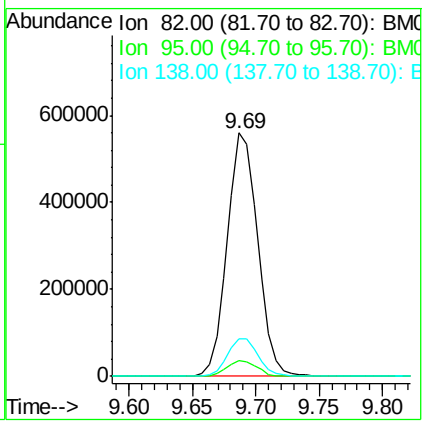


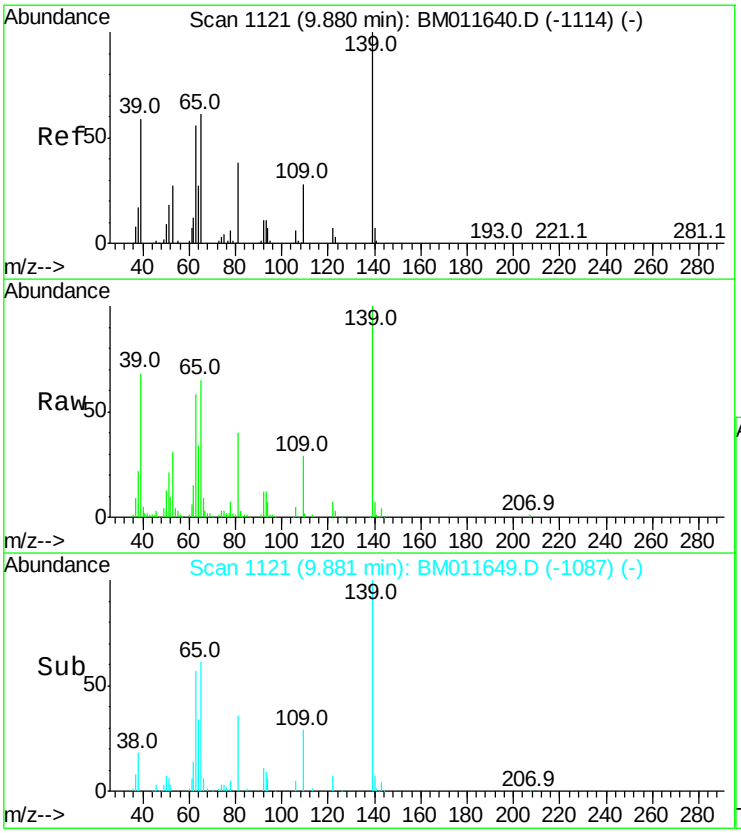
#21
Isophorone
Concen: 20.144 ng/ul
RT: 9.69 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 933260

Ion	Ratio	Lower	Upper
82	100		
95	6.3	6.1	9.1
138	15.4	13.5	20.3

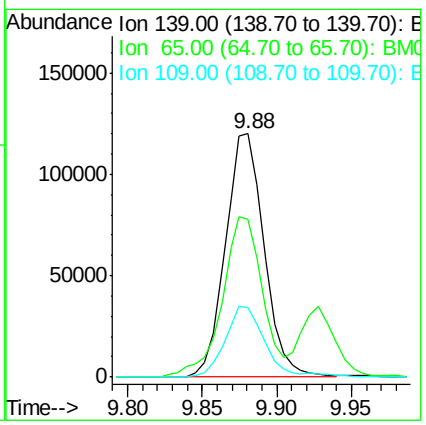


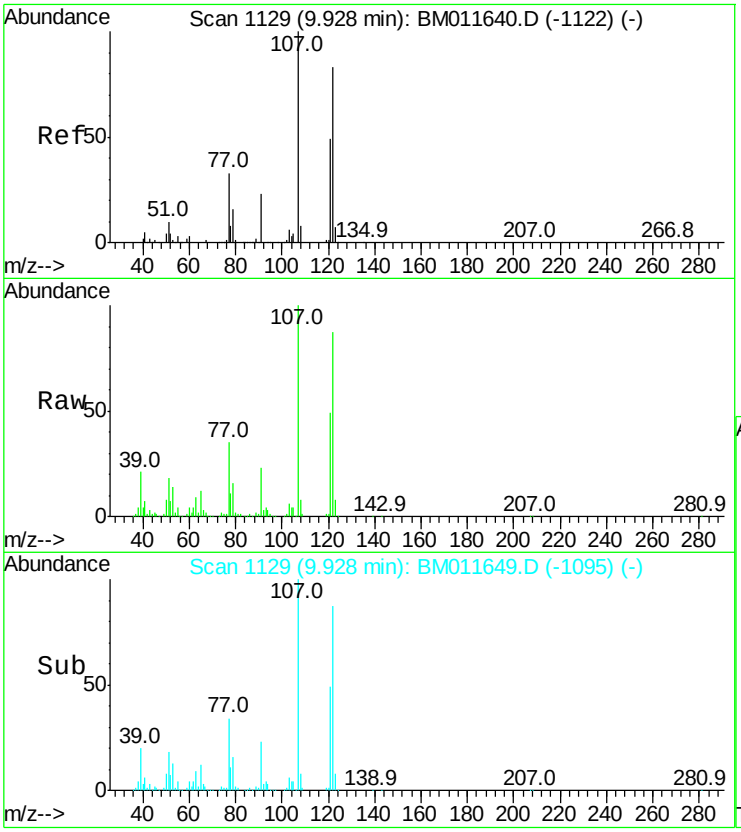


#23
2-Nitrophenol
Concen: 20.352 ng/ul
RT: 9.88 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:139 Resp: 217534

Ion	Ratio	Lower	Upper
139	100		
65	64.7	45.3	67.9
109	28.6	27.7	41.5



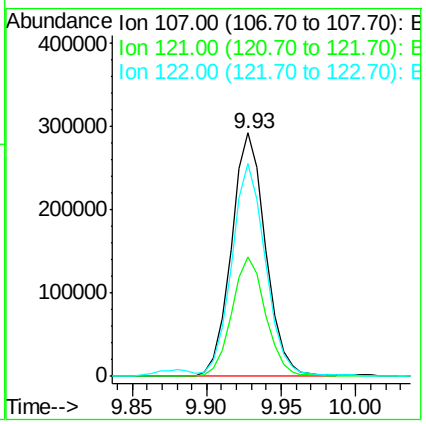


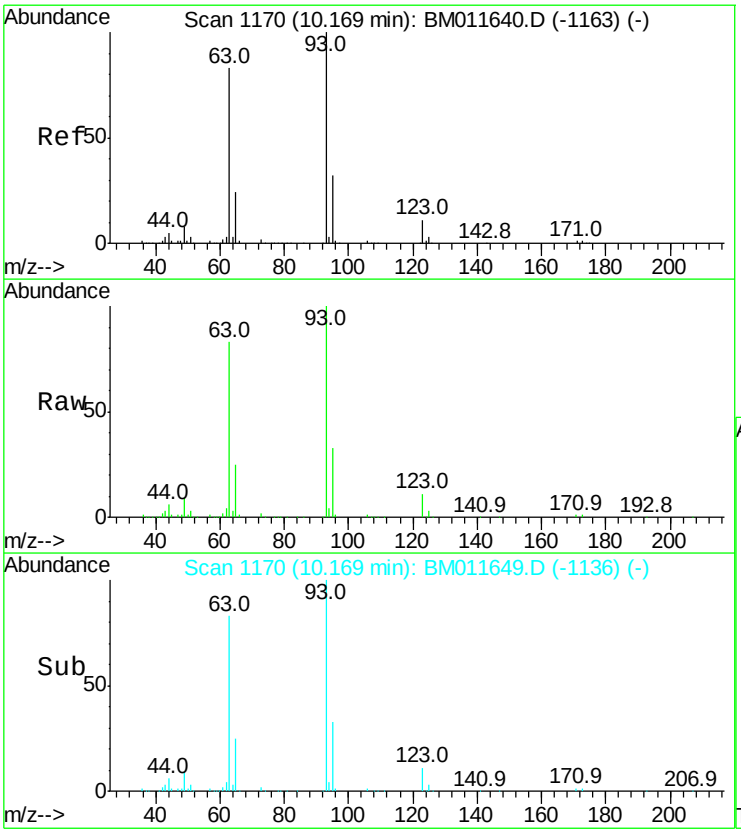
#24
2,4-Dimethylphenol
Concen: 20.276 ng/ul
RT: 9.93 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 463732

Ion	Ratio	Lower	Upper
107	100		
121	48.8	38.1	57.1
122	87.3	63.8	95.8

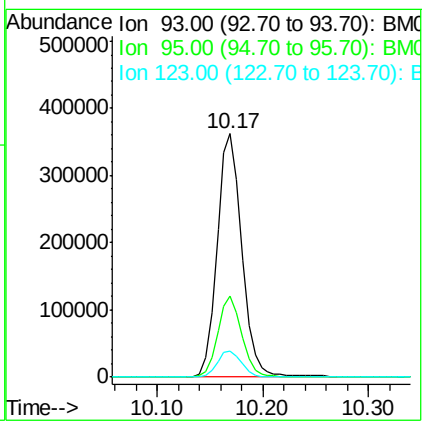


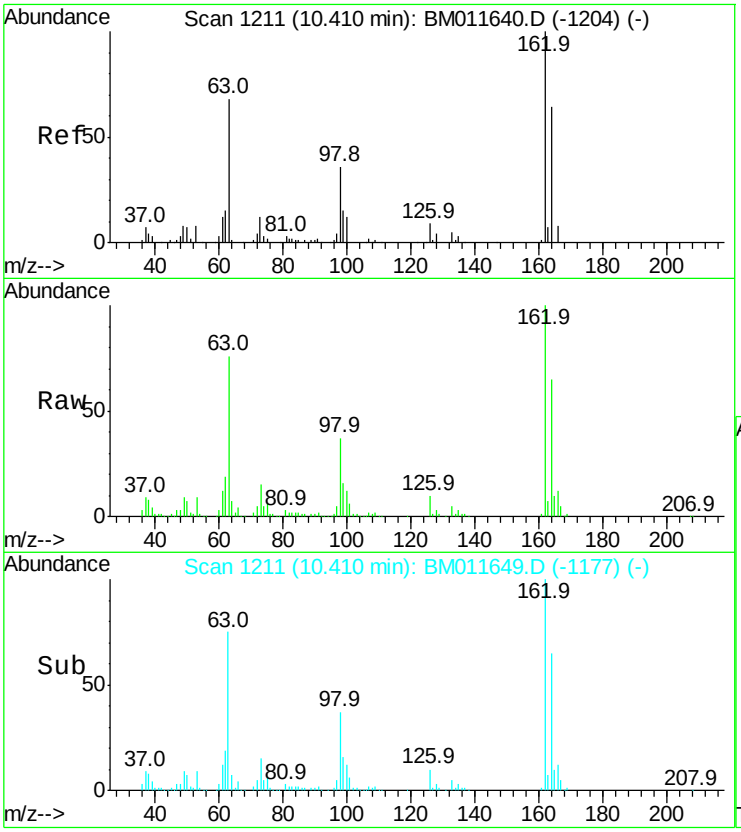


#25
Bis(2-Chloroethoxy)methane
Concen: 19.579 ng/ul
RT: 10.17 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion: 93 Resp: 591449

Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.7	37.1
123	10.6	8.2	12.2



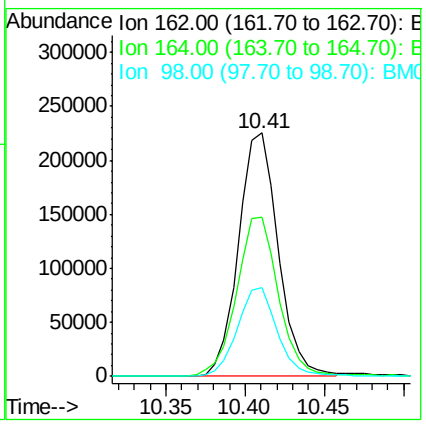


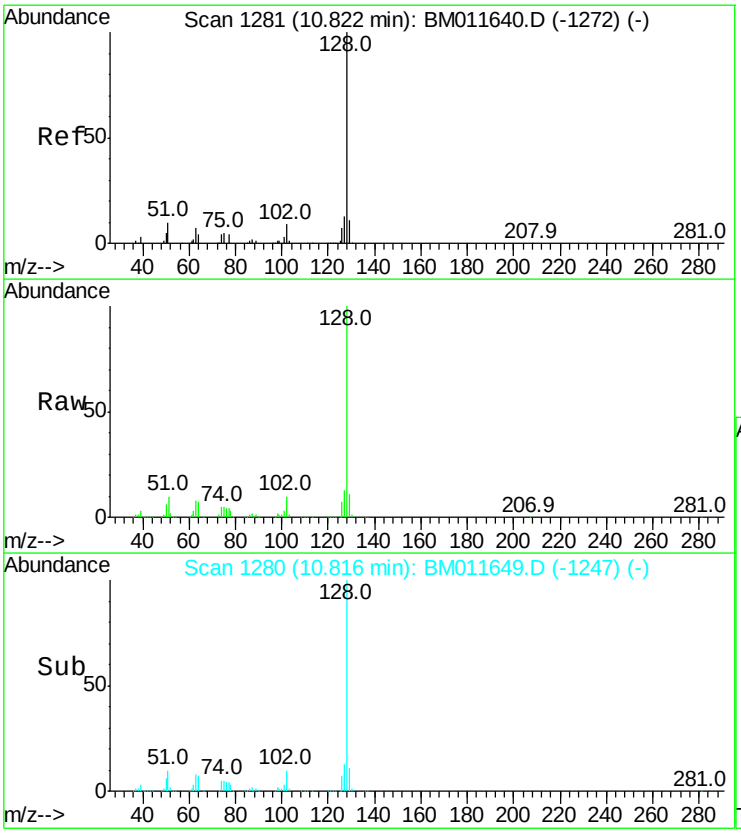
#27
2,4-Dichlorophenol
Concen: 19.860 ng/ul
RT: 10.41 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 392111

Ion	Ratio	Lower	Upper
162	100		
164	65.5	52.0	78.0
98	36.6	26.6	39.8

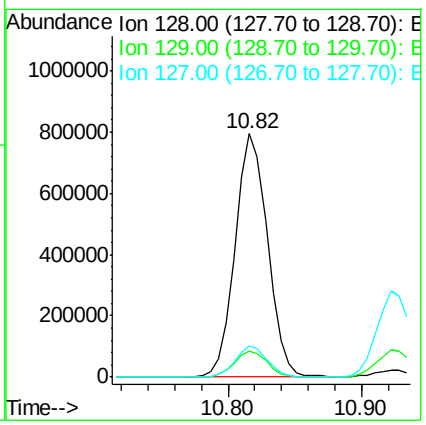


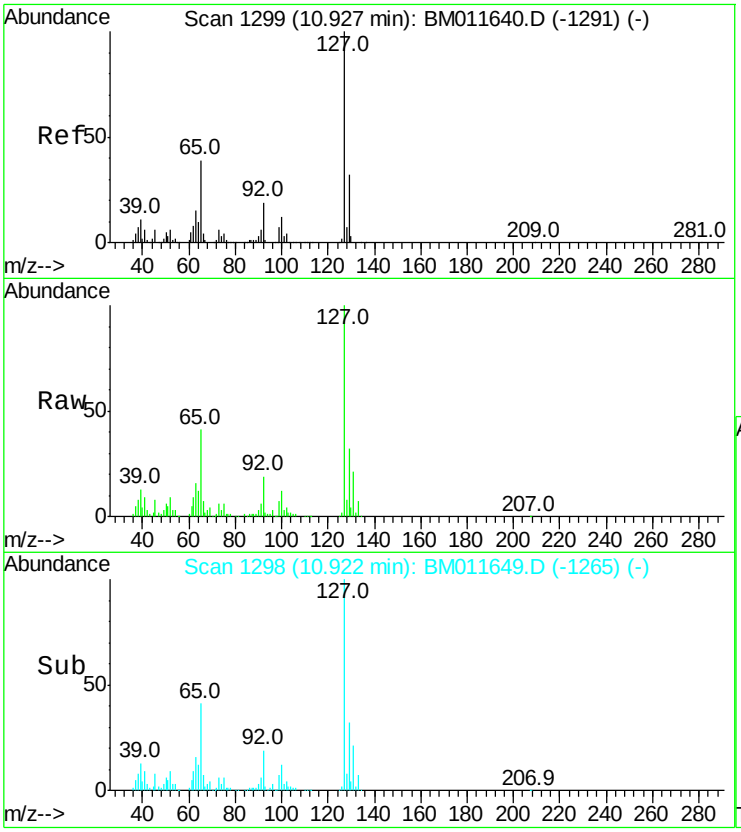


#28
Naphthalene
Concen: 20.052 ng/ul
RT: 10.82 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:128 Resp: 1340446

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.7	10.8	16.2



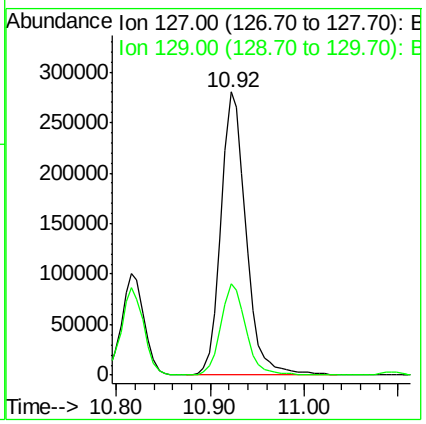


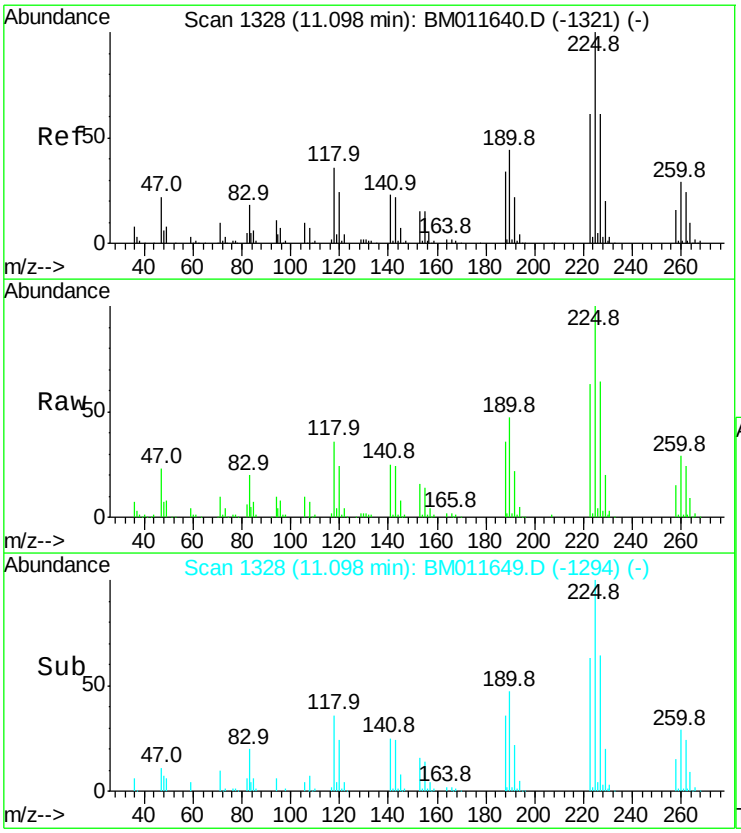
#30
4-Chloroaniline
Concen: 24.148 ng/ul
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 518517

Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.6	37.0

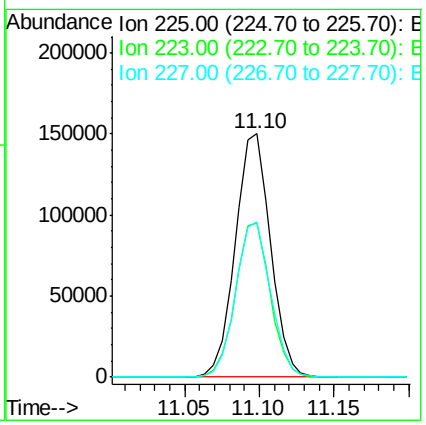


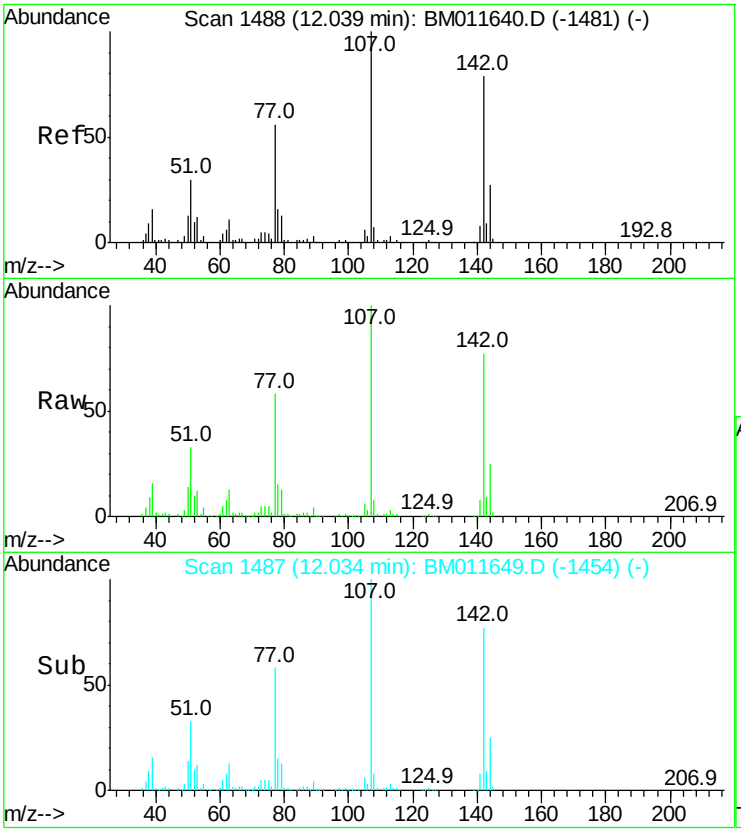


#31
Hexachlorobutadiene
Concen: 21.974 ng/ul
RT: 11.10 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:225 Resp: 246237

Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.1	72.1
227	63.7	52.1	78.1



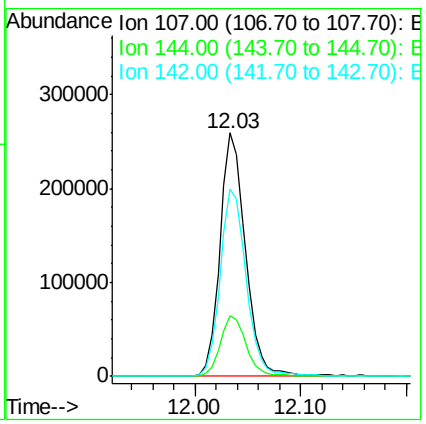


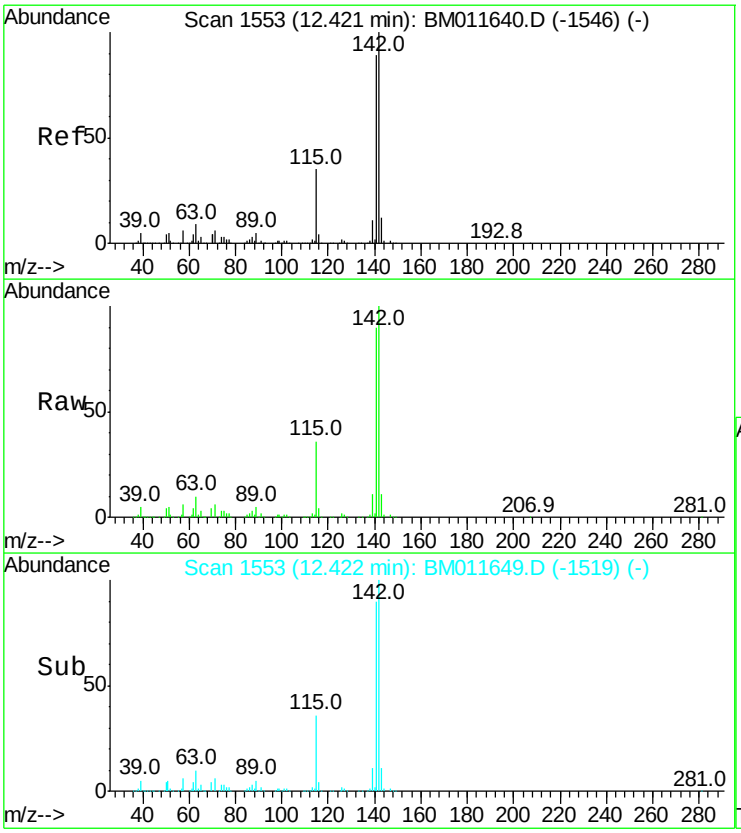
#33
4-Chloro-3-methylphenol
Concen: 20.750 ng/ul
RT: 12.03 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 434351

Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.1	31.7
142	77.0	60.1	90.1

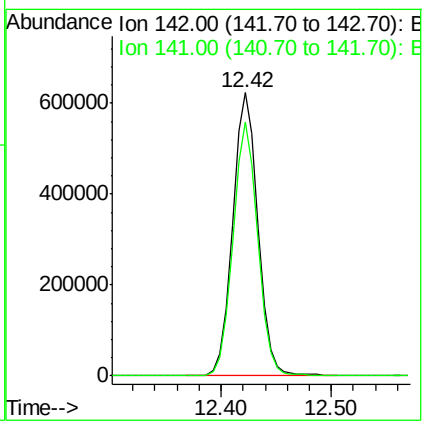


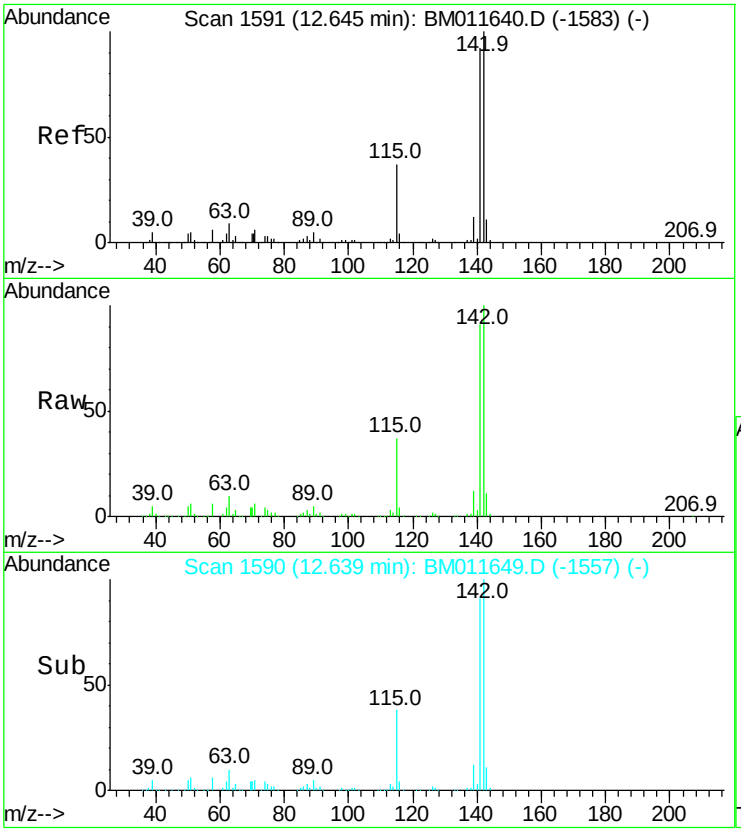


#34
2-Methylnaphthalene
Concen: 20.093 ng/ul
RT: 12.42 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:142 Resp: 997470

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2



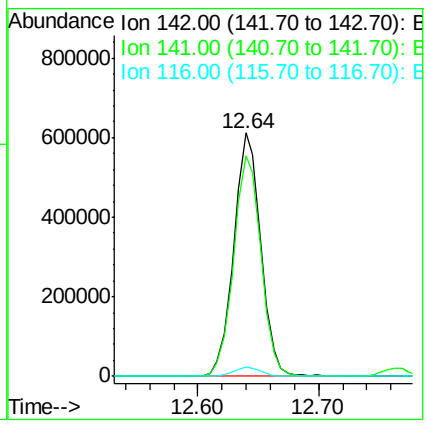


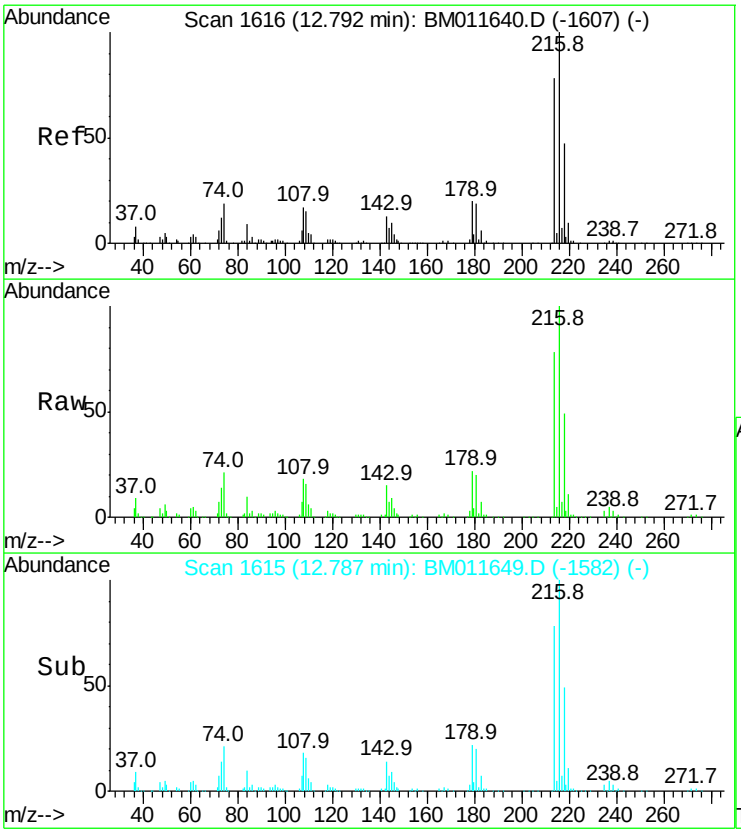
#35
1-Methylnaphthalene
Concen: 20.075 ng/ul
RT: 12.64 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 949158

Ion	Ratio	Lower	Upper
142	100		
141	90.8	76.6	115.0
116	3.9	3.6	5.4

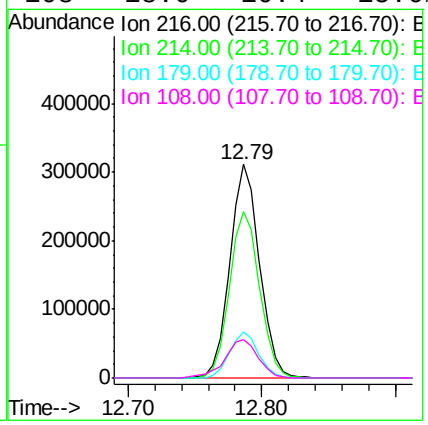


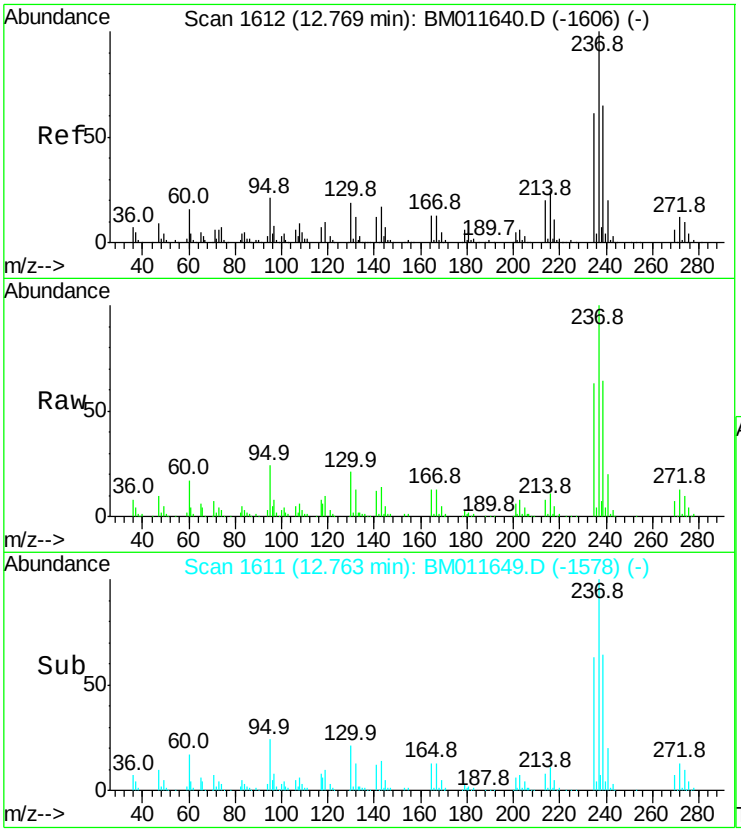


#37
1,2,4,5-Tetrachlorobenzene
Concen: 20.933 ng/ul
RT: 12.79 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:216 Resp: 483120

Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.1	96.1
179	21.9	14.5	21.7#
108	18.0	10.4	15.6#



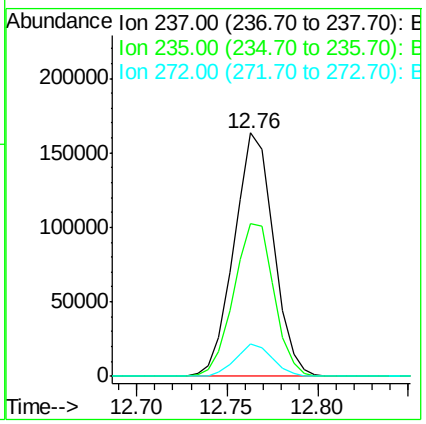


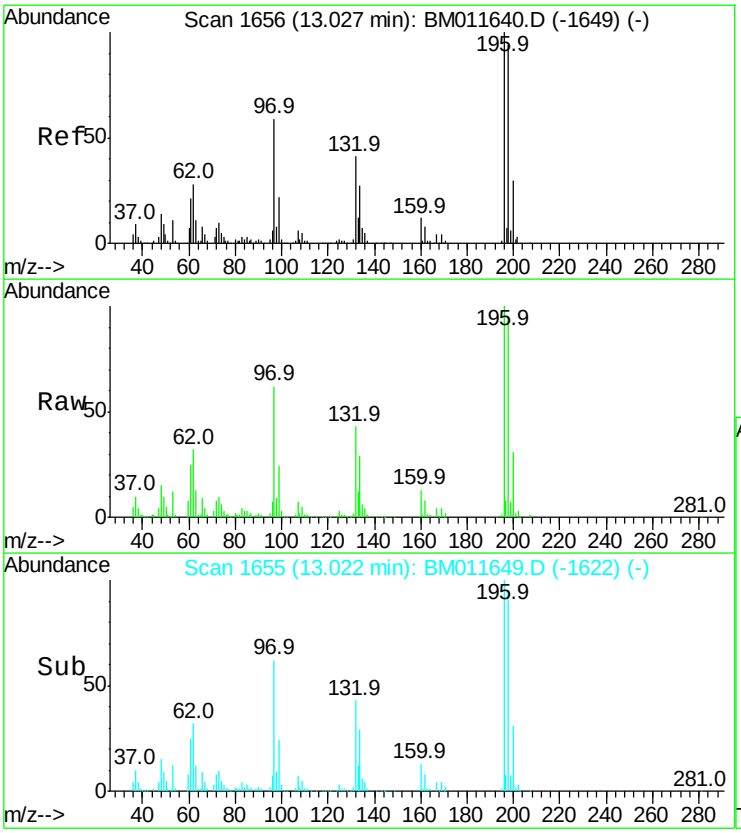
#38
Hexachlorocyclopentadiene
Concen: 19.157 ng/ul
RT: 12.76 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:237 Resp: 247824

Ion	Ratio	Lower	Upper
237	100		
235	62.8	49.5	74.3
272	13.9	8.6	12.8#

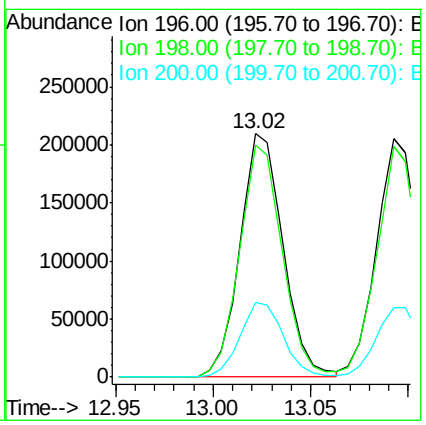


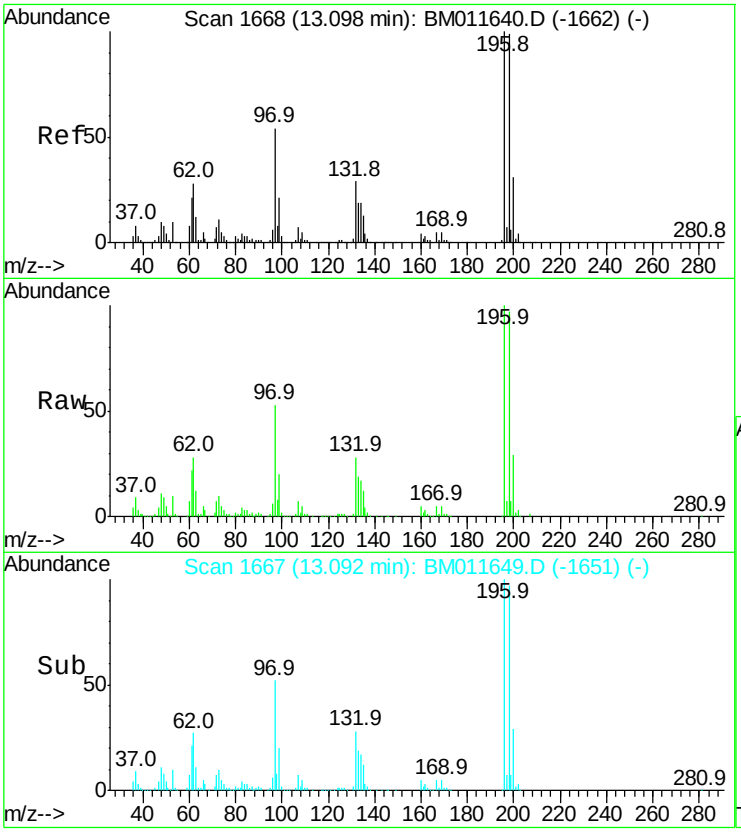


#39
2,4,6-Trichlorophenol
Concen: 20.383 ng/ul
RT: 13.02 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:196 Resp: 320297

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.9	113.9
200	30.9	25.8	38.6



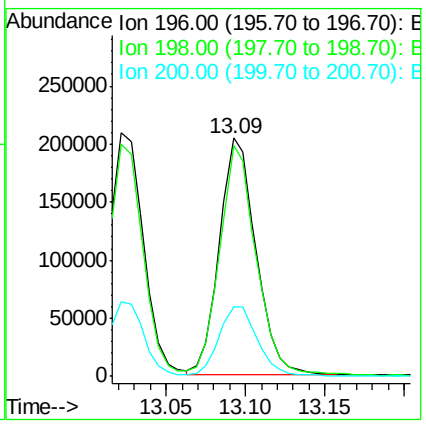


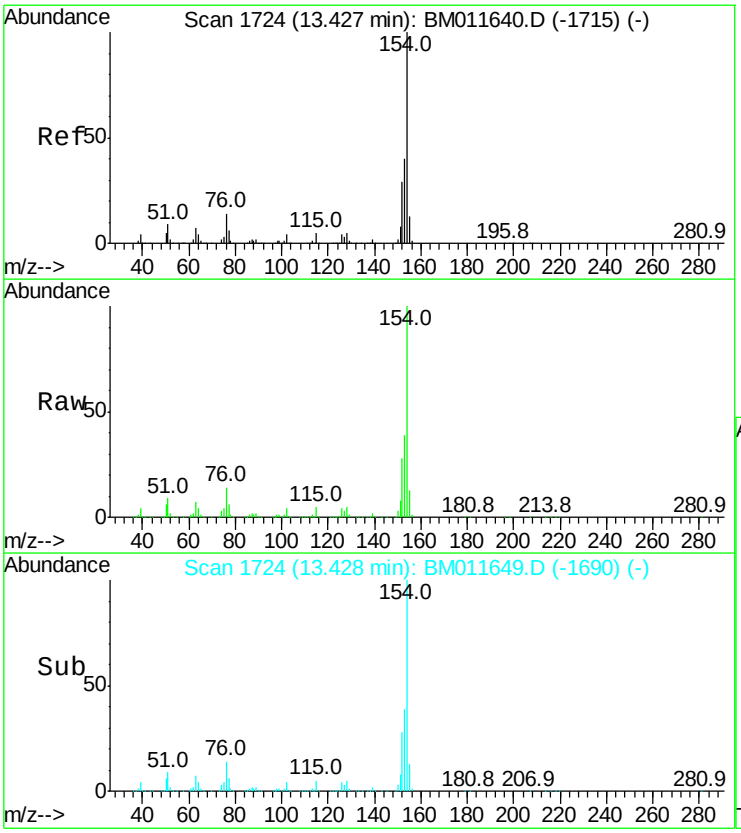
#40
2,4,5-Trichlorophenol
Concen: 20.371 ng/ul
RT: 13.09 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 324570

Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.7	112.1
200	29.1	25.4	38.0

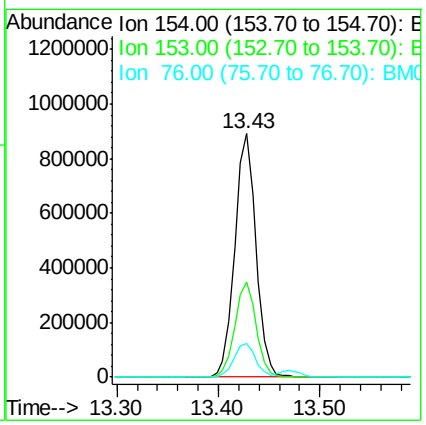


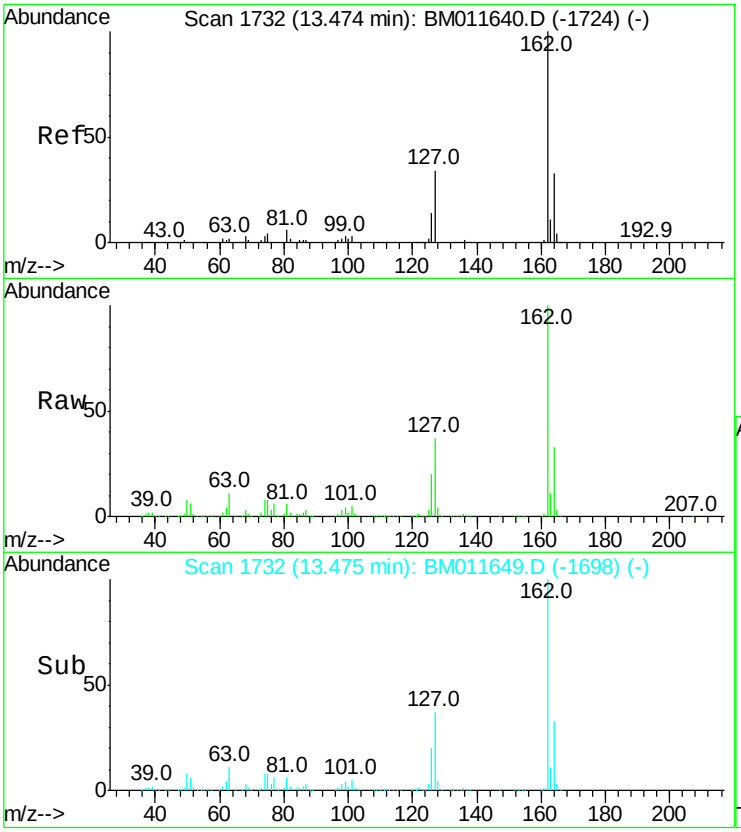


#41
1,1'-Biphenyl
Concen: 20.019 ng/ul
RT: 13.43 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:154 Resp: 1296094

Ion	Ratio	Lower	Upper
154	100		
153	39.0	34.0	51.0
76	13.7	8.4	12.6#



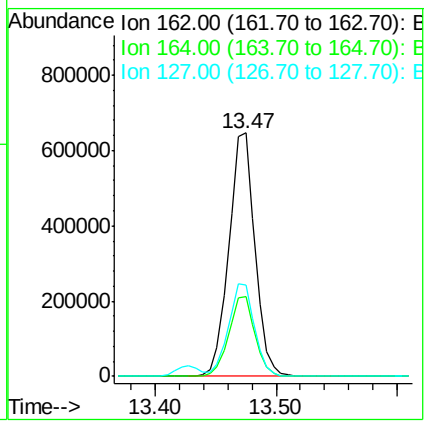


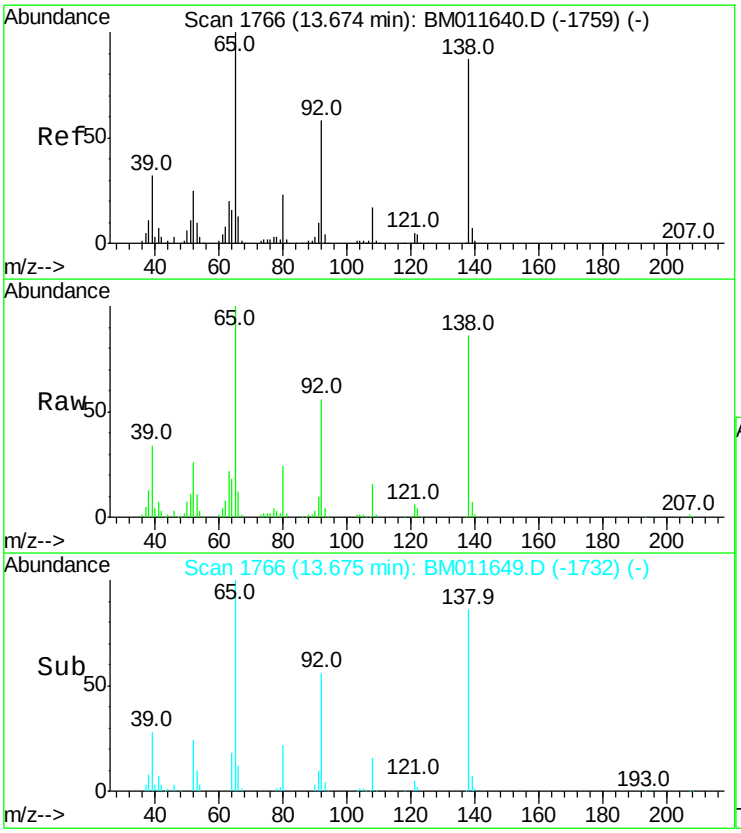
#42
2-Chloronaphthalene
Concen: 20.001 ng/ul
RT: 13.47 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 974370

Ion	Ratio	Lower	Upper
162	100		
164	32.8	26.2	39.4
127	37.3	29.5	44.3

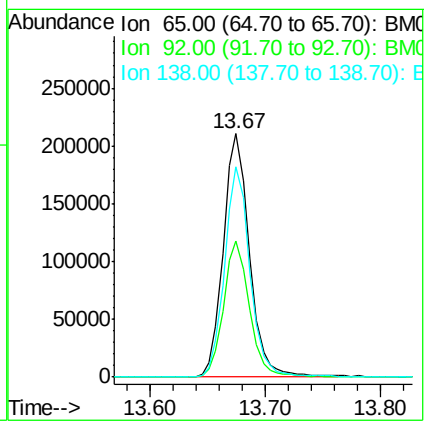


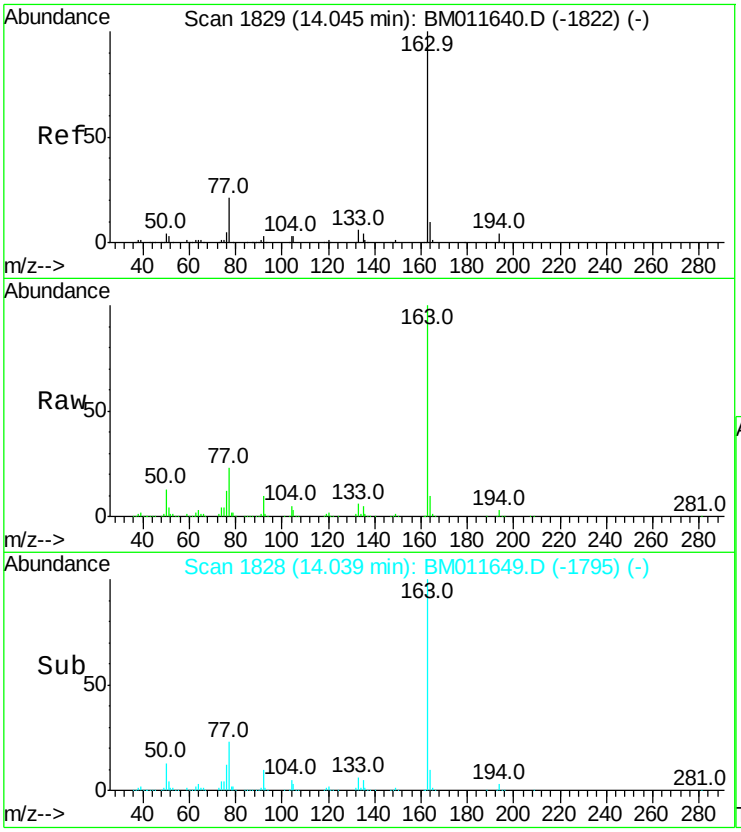


#43
2-Nitroaniline
Concen: 21.917 ng/ul
RT: 13.67 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion: 65 Resp: 331620

Ion	Ratio	Lower	Upper
65	100		
92	55.7	57.0	85.4#
138	86.4	87.2	130.8#



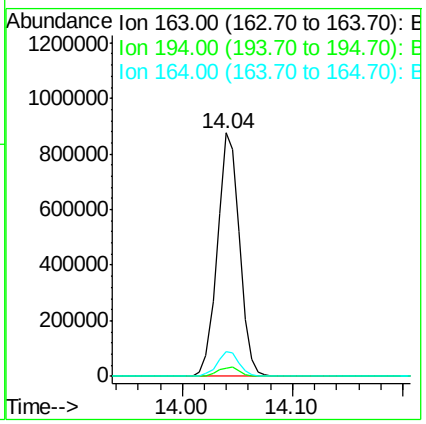


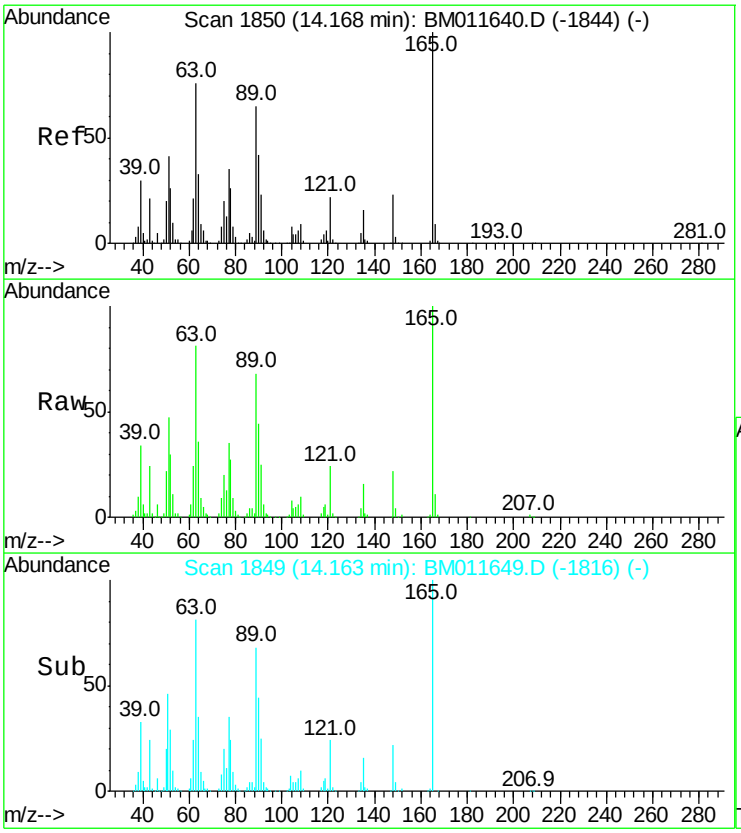
#45
Dimethylphthalate
Concen: 19.391 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 1221160

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.0	6.0#
164	10.1	8.4	12.6

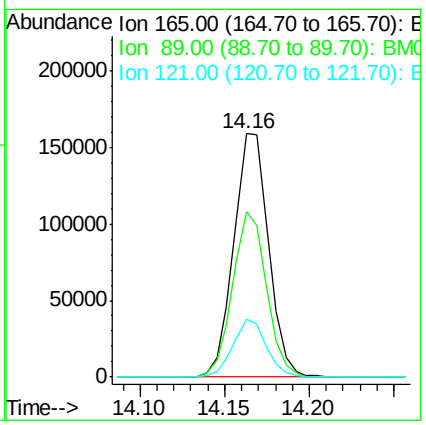


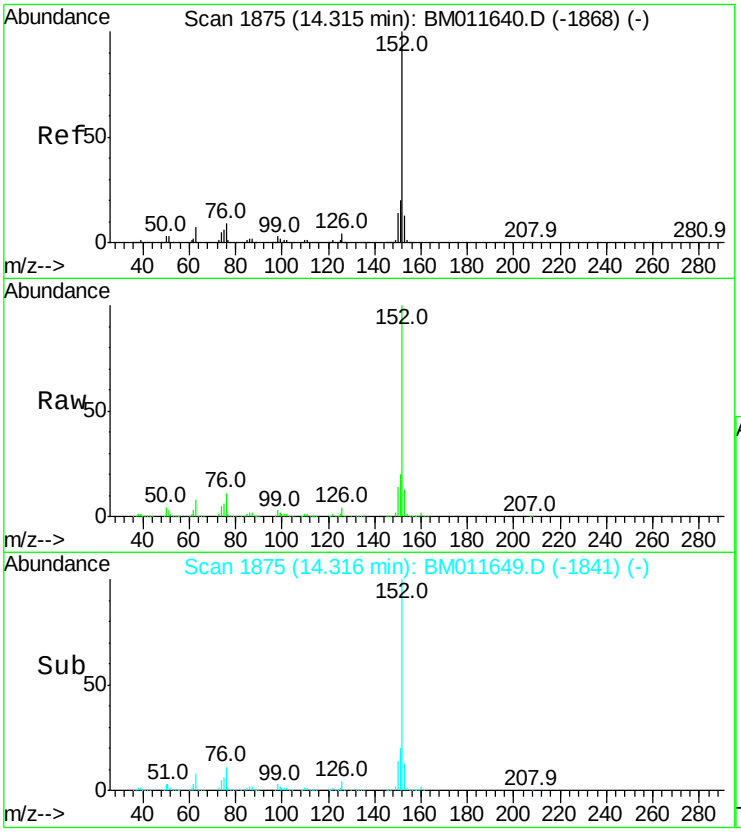


#46
2,6-Dinitrotoluene
Concen: 20.548 ng/ul
RT: 14.16 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:165 Resp: 228534

Ion	Ratio	Lower	Upper
165	100		
89	68.1	43.8	65.8#
121	24.0	17.8	26.6



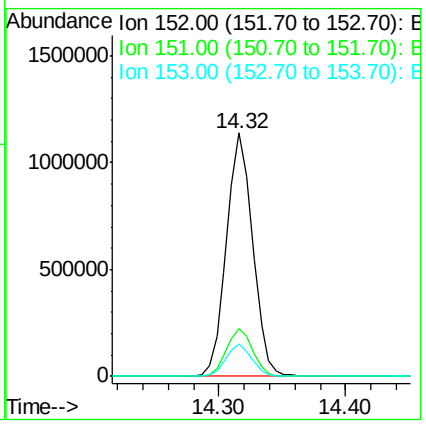


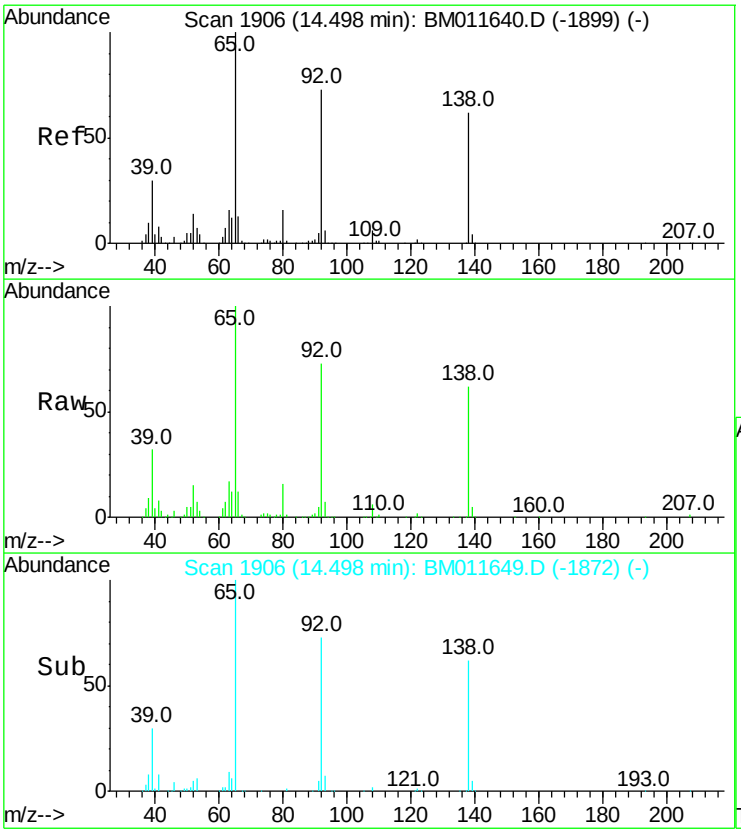
#48
Acenaphthylene
Concen: 20.307 ng/ul
RT: 14.32 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1625905

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.2	10.8	16.2

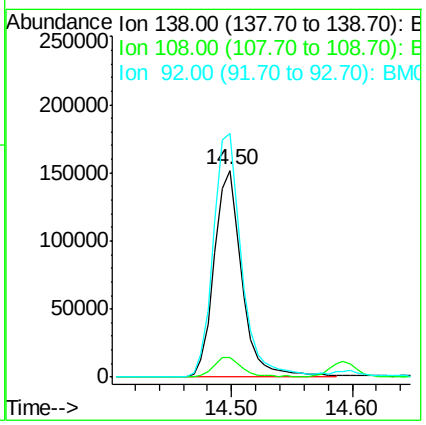


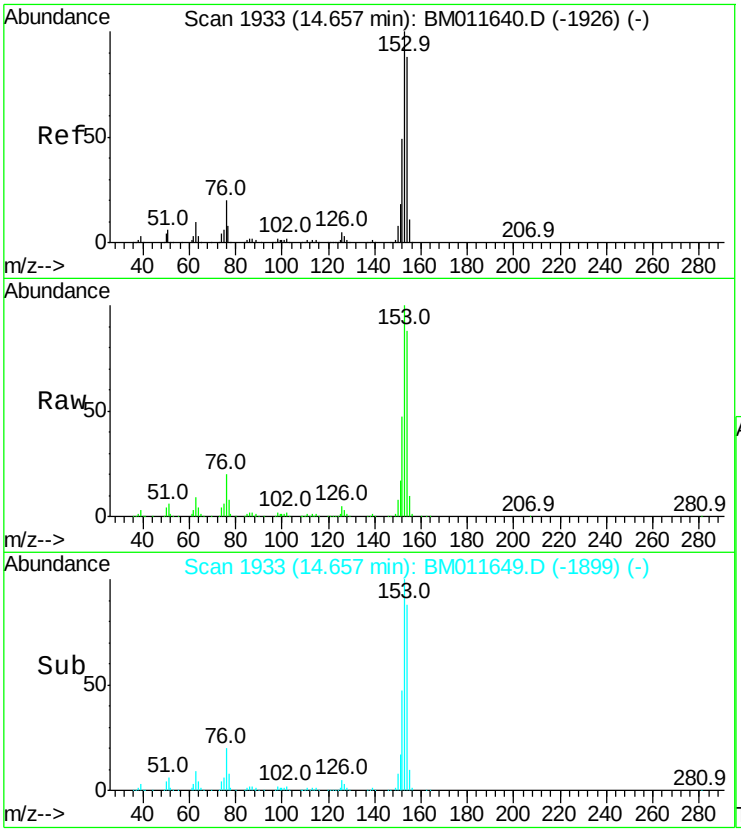


#49
3-Nitroaniline
Concen: 17.683 ng/ul
RT: 14.50 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:138 Resp: 242515

Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.6	11.4
92	117.7	94.2	141.2



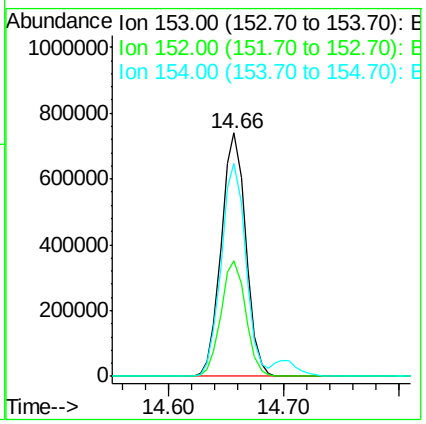


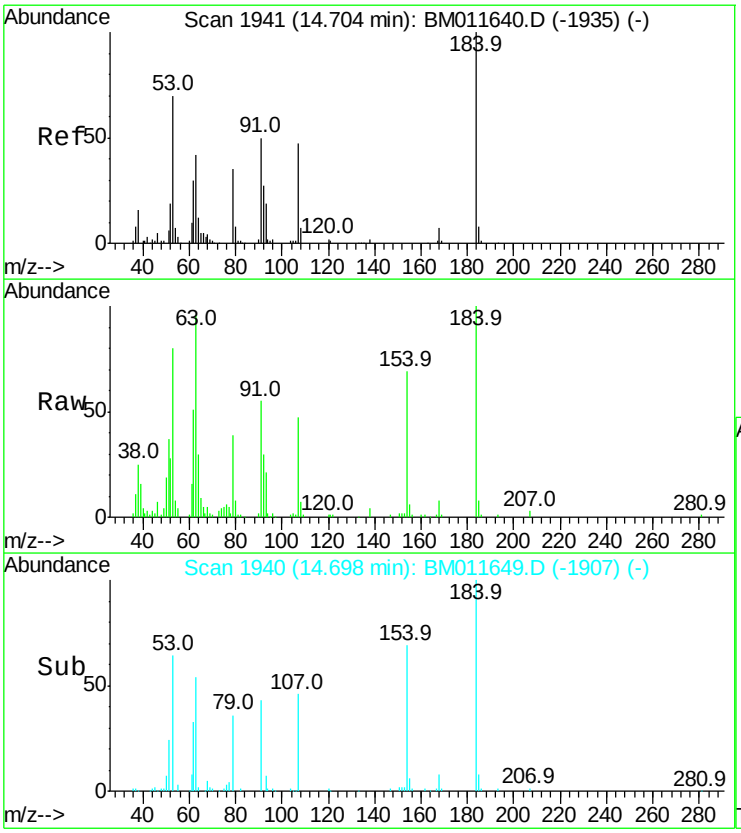
#50
Acenaphthene
Concen: 20.222 ng/ul
RT: 14.66 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 1093984

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.9	56.9
154	87.6	69.8	104.6

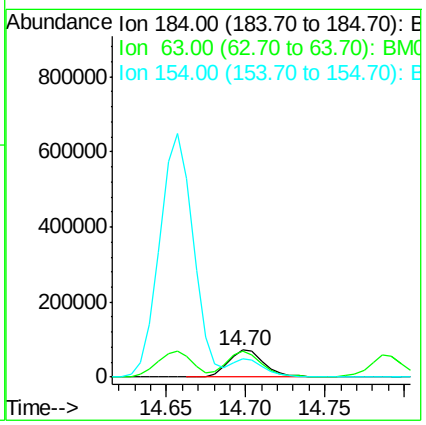


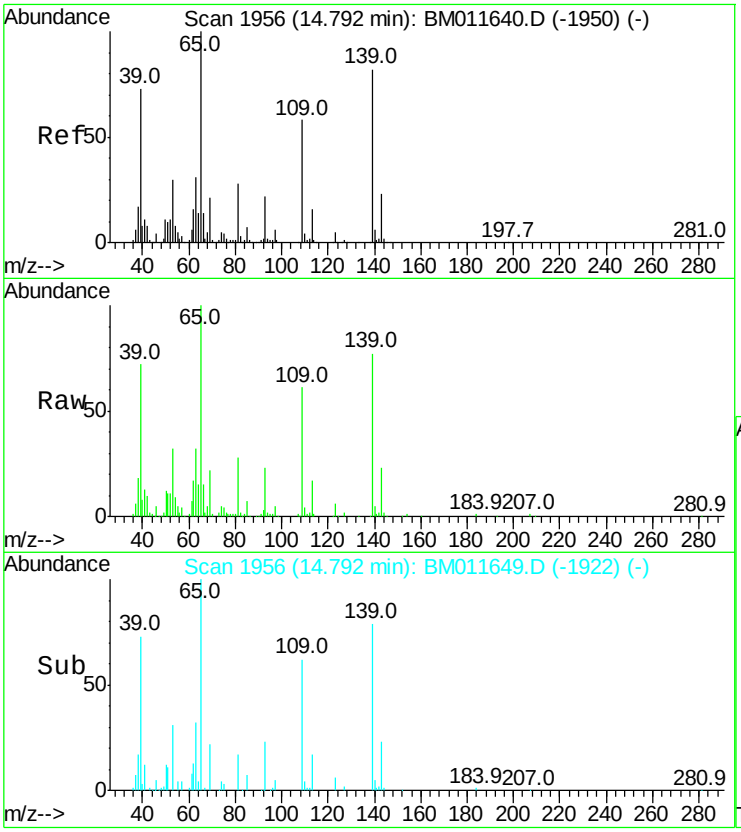


#51
2,4-Dinitrophenol
Concen: 16.568 ng/ul
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:184 Resp: 113853

Ion	Ratio	Lower	Upper
184	100		
63	95.6	39.7	59.5#
154	68.7	45.0	67.6#



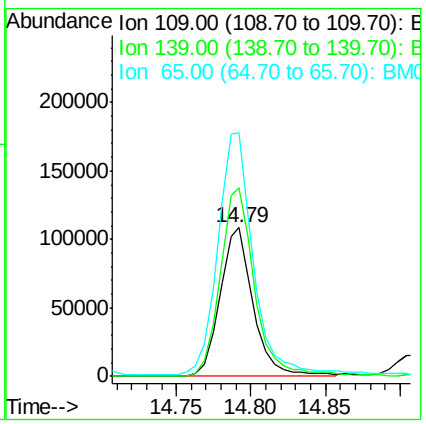


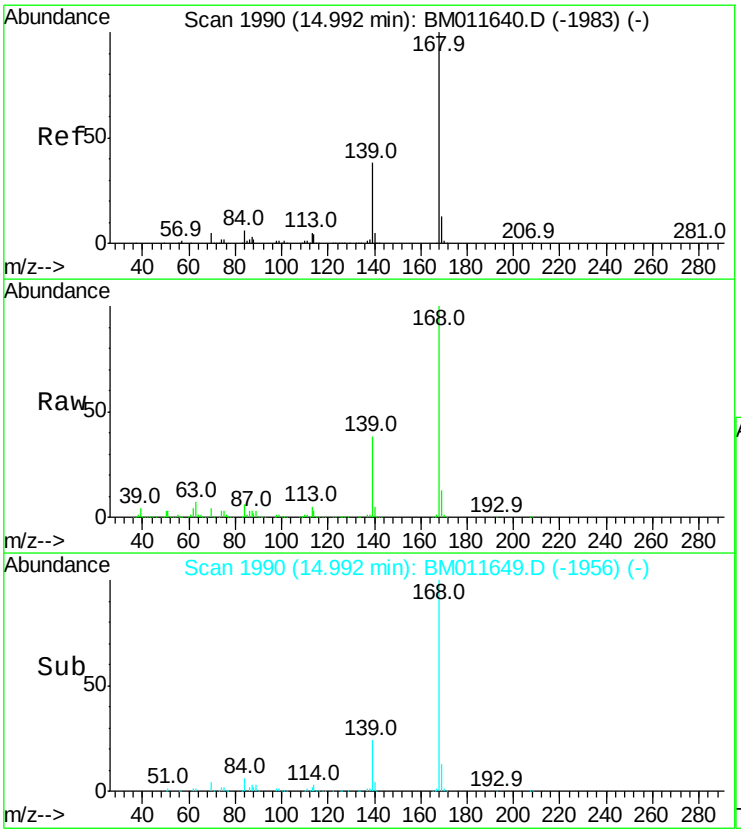
#53
4-Nitrophenol
Concen: 21.351 ng/ul
RT: 14.79 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 169632

Ion	Ratio	Lower	Upper
109	100		
139	126.8	91.2	136.8
65	164.1	92.6	139.0#

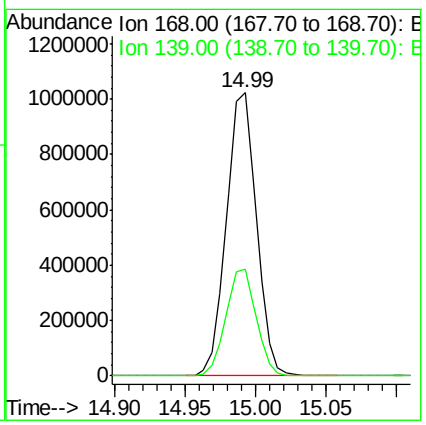


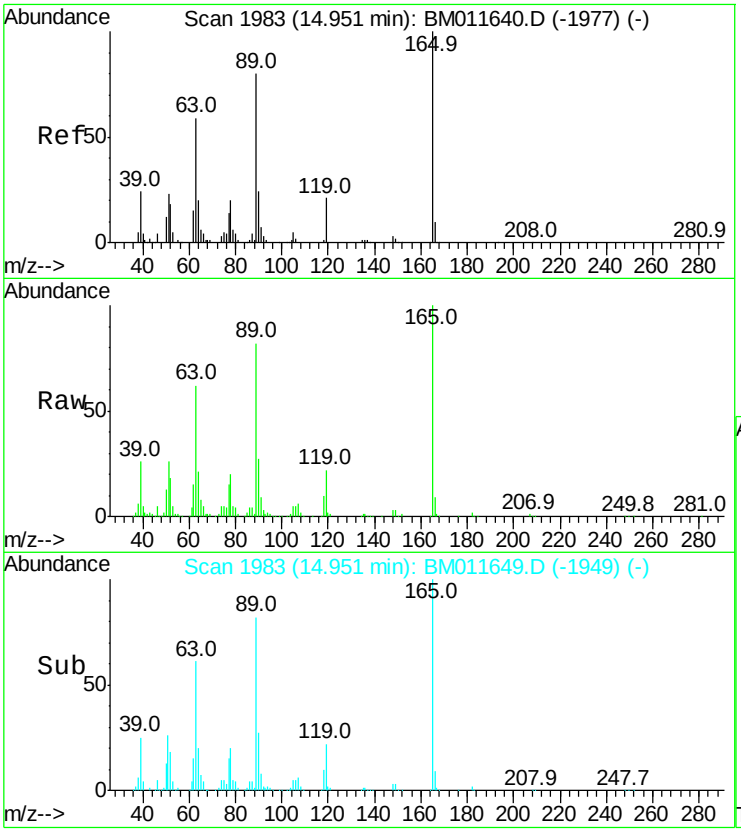


#54
Dibenzofuran
Concen: 20.060 ng/ul
RT: 14.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:168 Resp: 1518008

Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.0	46.4



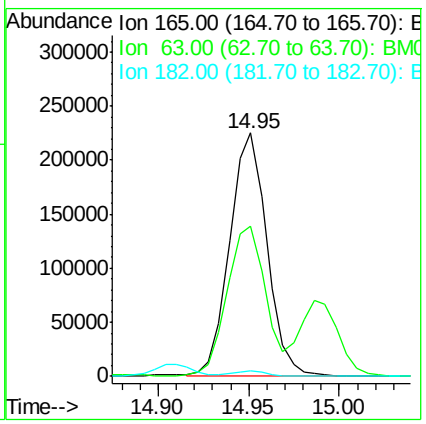


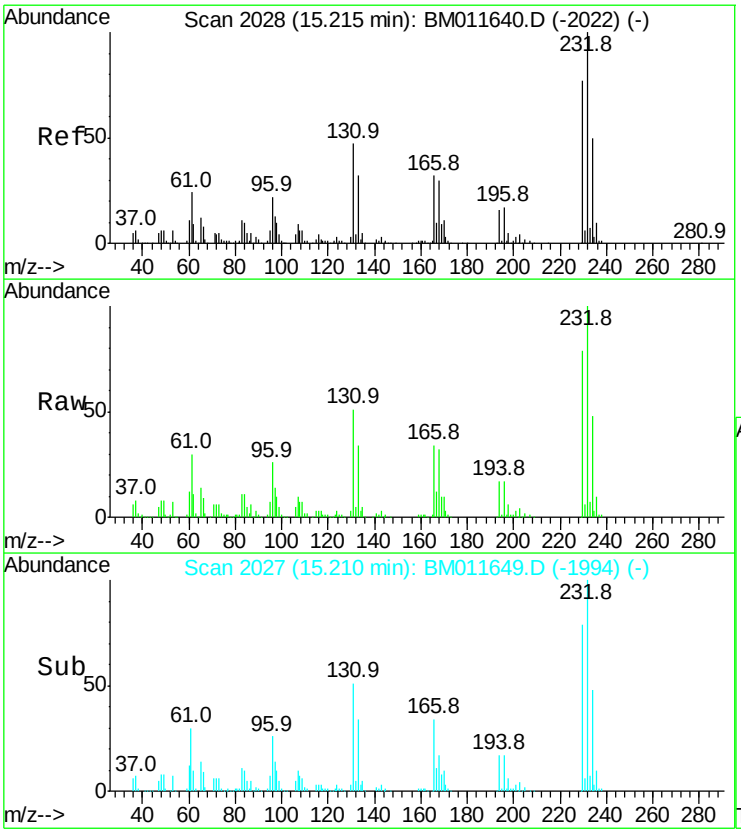
#55
2,4-Dinitrotoluene
Concen: 19.538 ng/ul
RT: 14.95 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 319438

Ion	Ratio	Lower	Upper
165	100		
63	61.9	31.4	47.0#
182	2.5	2.7	4.1#

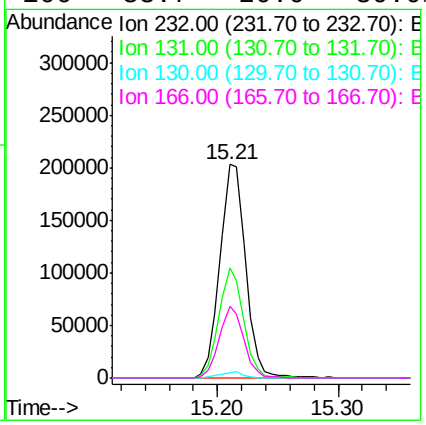


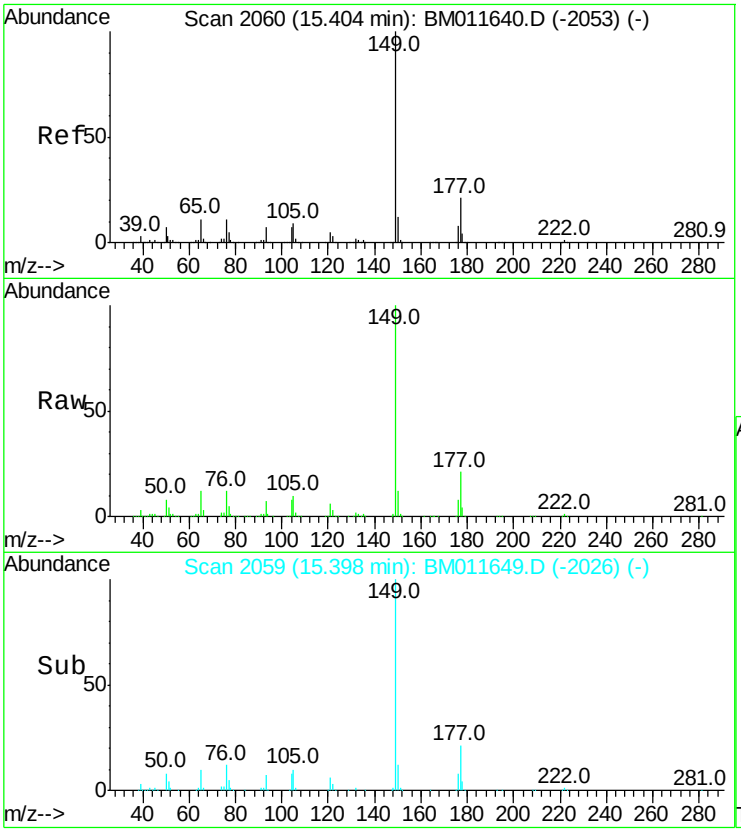


#56
2,3,4,6-Tetrachlorophenol
Concen: 20.627 ng/ul
RT: 15.21 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:232 Resp: 299520

Ion	Ratio	Lower	Upper
232	100		
131	51.4	27.1	40.7#
130	2.6	0.0	0.0#
166	33.7	20.0	30.0#



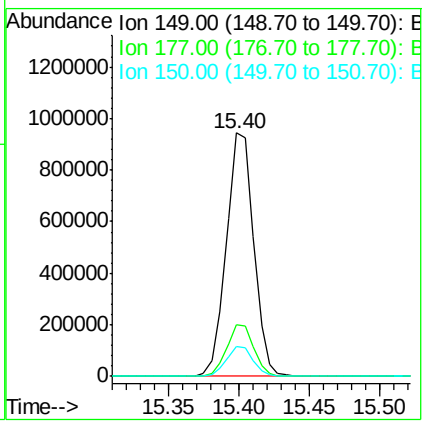


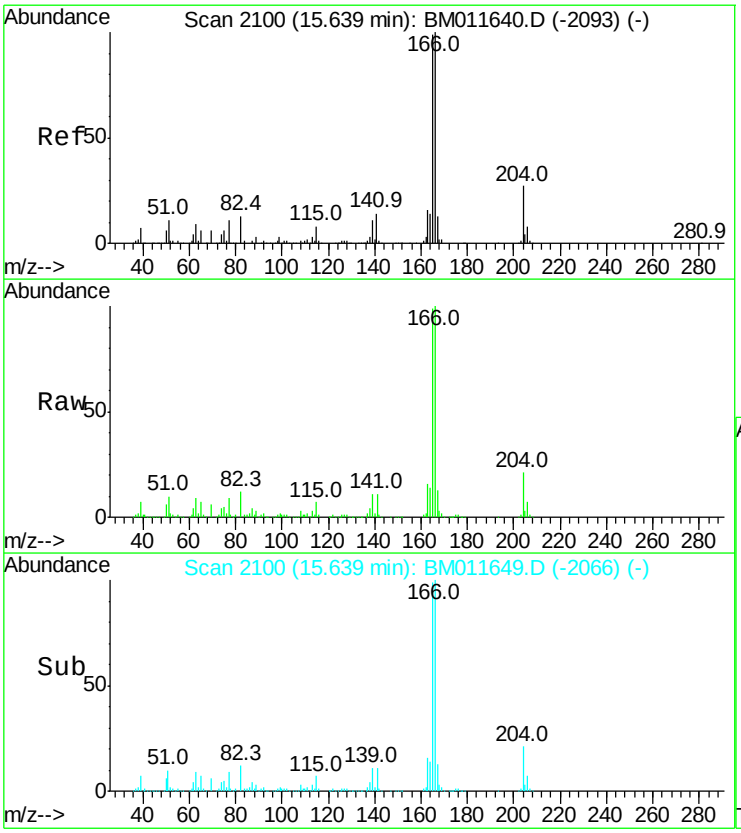
#57
Diethylphthalate
Concen: 19.458 ng/ul
RT: 15.40 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1275189

Ion	Ratio	Lower	Upper
149	100		
177	21.1	19.3	28.9
150	12.3	10.6	15.8

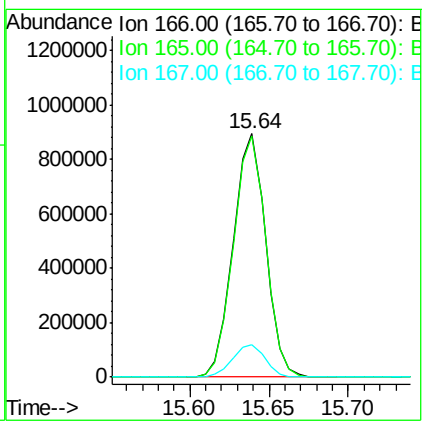


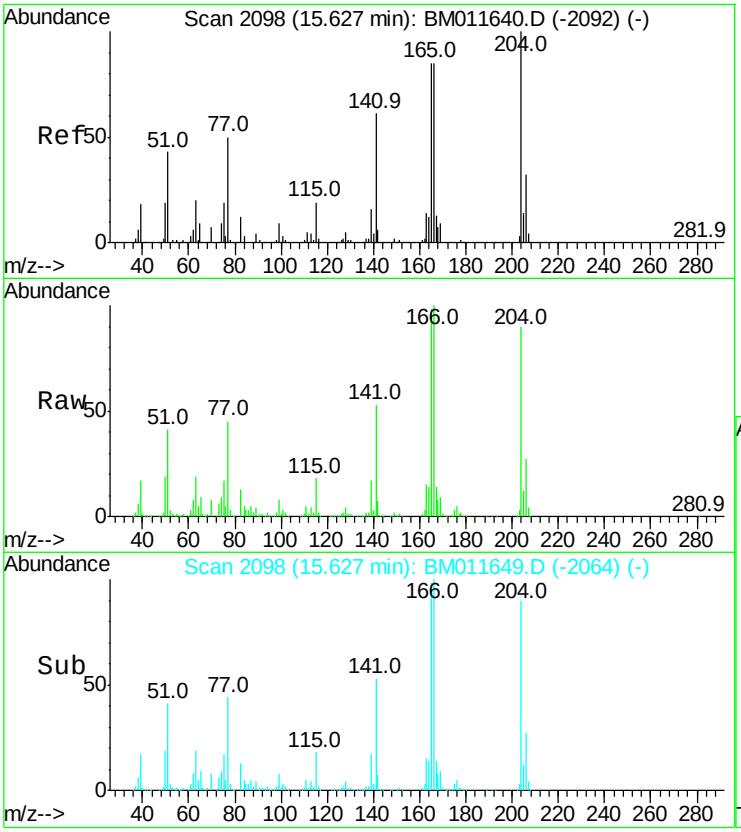


#59
Fluorene
Concen: 20.062 ng/ul
RT: 15.64 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:166 Resp: 1272332

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.4	117.6
167	13.5	11.1	16.7



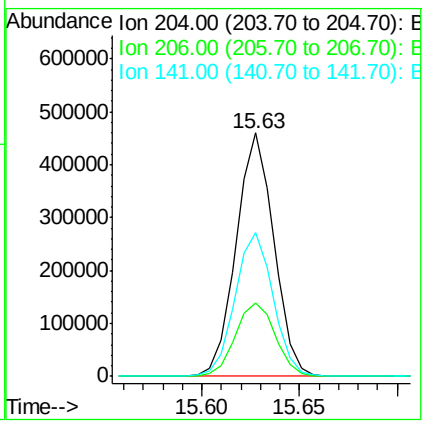


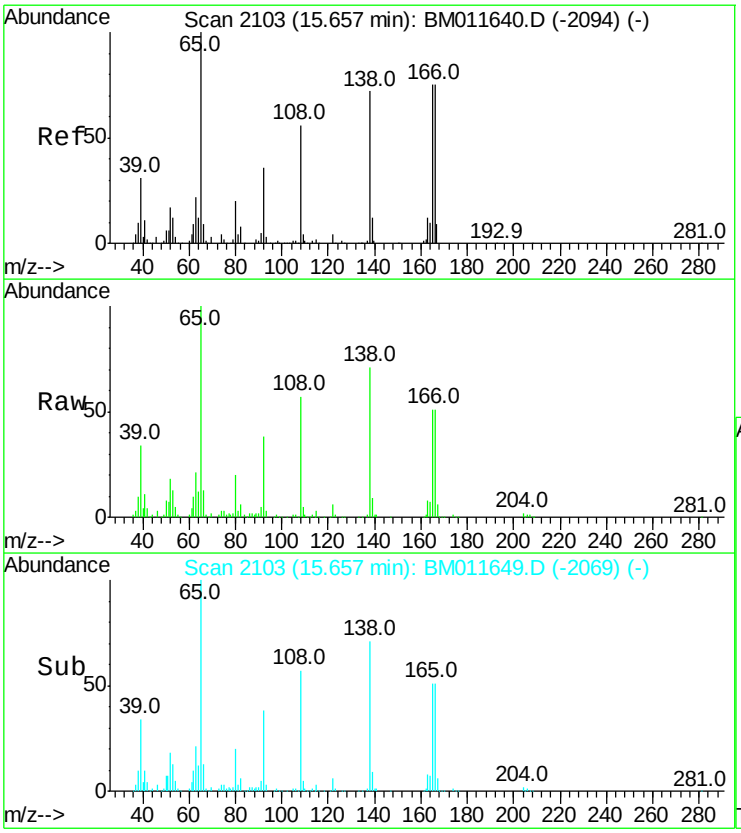
#60
4-Chlorophenyl-phenylether
Concen: 20.721 ng/ul
RT: 15.63 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:204 Resp: 615742

Ion	Ratio	Lower	Upper
204	100		
206	30.1	26.6	40.0
141	59.2	40.7	61.1

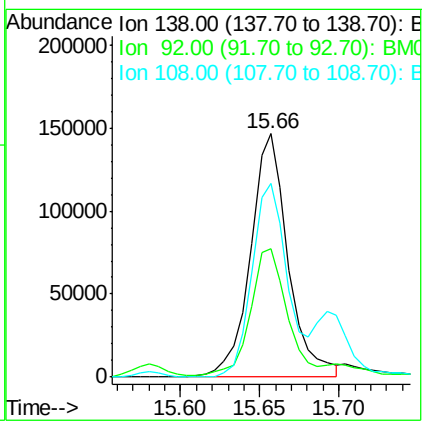


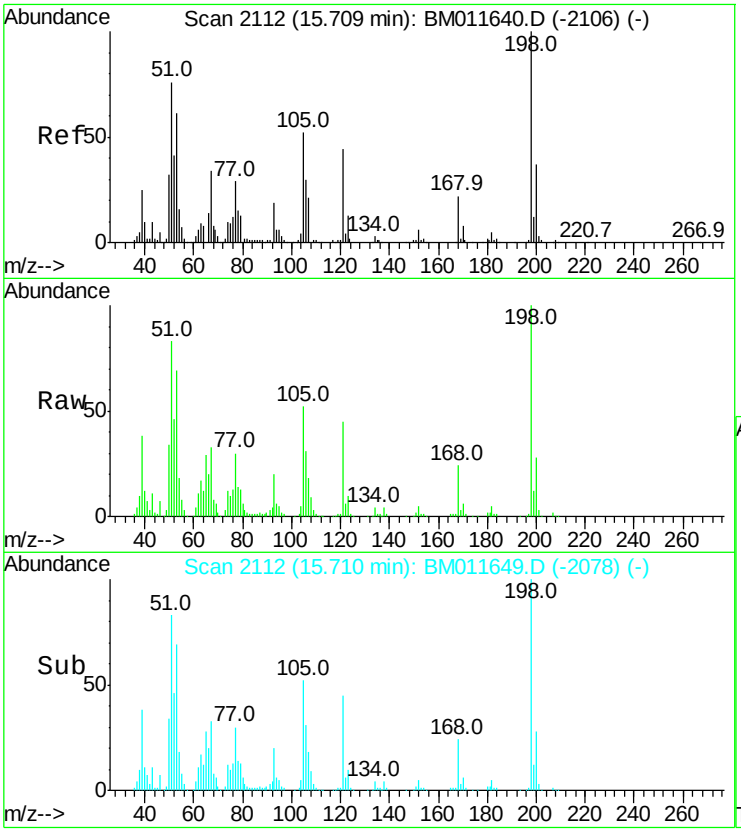


#61
4-Nitroaniline
Concen: 16.514 ng/ul
RT: 15.66 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:138 Resp: 242606

Ion	Ratio	Lower	Upper
138	100		
92	52.8	38.2	57.4
108	79.5	70.0	105.0



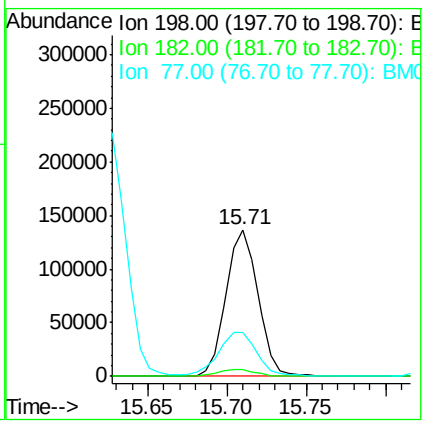


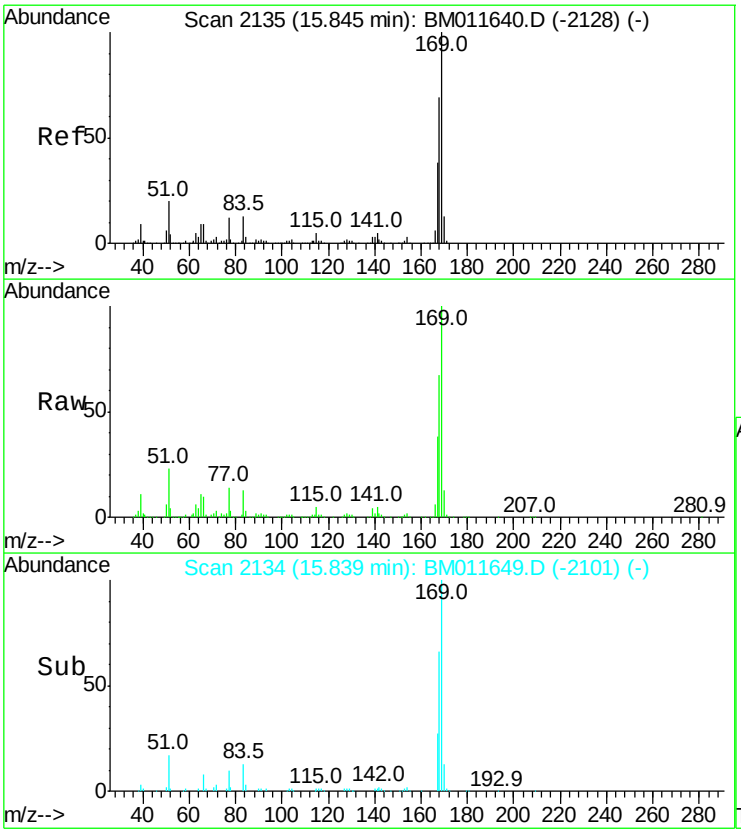
#64
4,6-Dinitro-2-methylphenol
Concen: 18.452 ng/ul
RT: 15.71 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 192750

Ion	Ratio	Lower	Upper
198	100		
182	4.6	3.5	5.3
77	30.2	18.2	27.4#

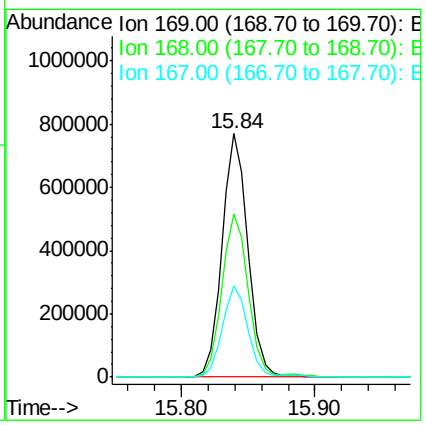


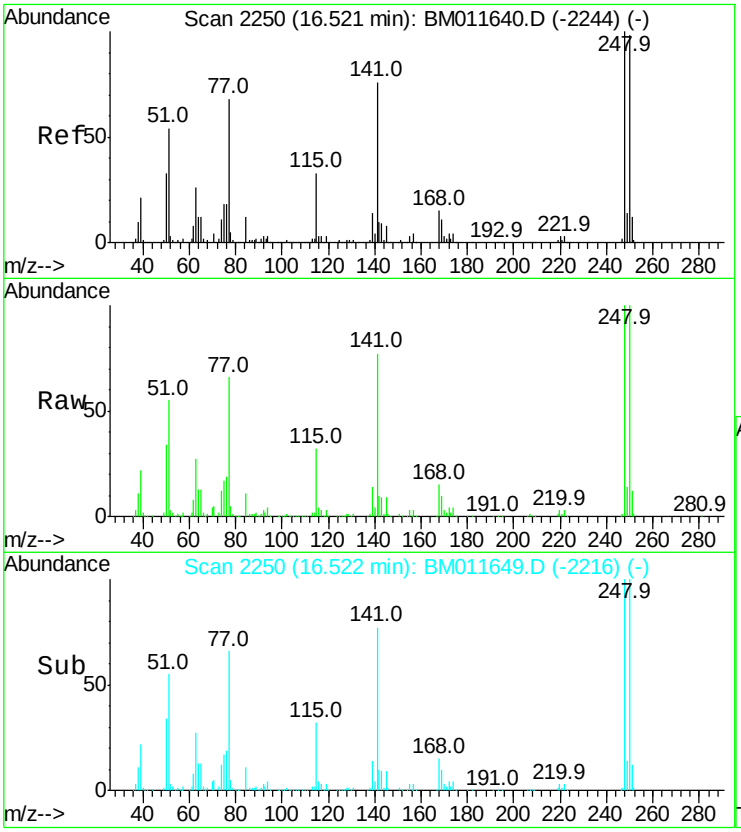


#65
N-Nitrosodiphenylamine
Concen: 19.568 ng/ul
RT: 15.84 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:169 Resp: 1044249

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.8	80.8
167	37.6	29.5	44.3



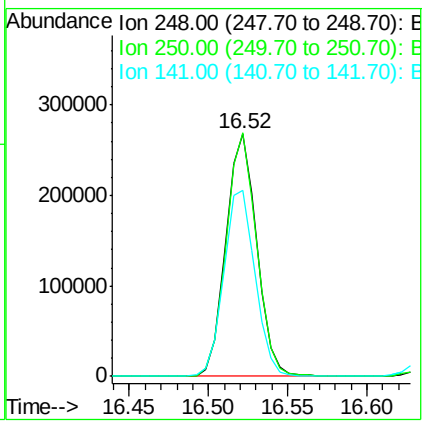


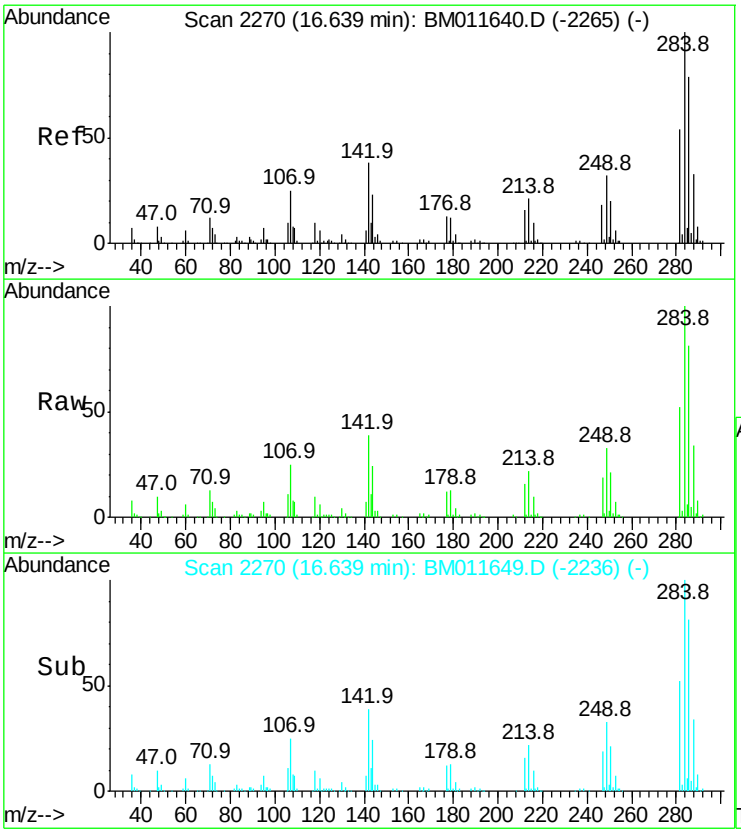
#66
4-Bromophenyl-phenylether
Concen: 20.172 ng/ul
RT: 16.52 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:248 Resp: 360956

Ion	Ratio	Lower	Upper
248	100		
250	100.5	79.0	118.4
141	77.0	51.9	77.9

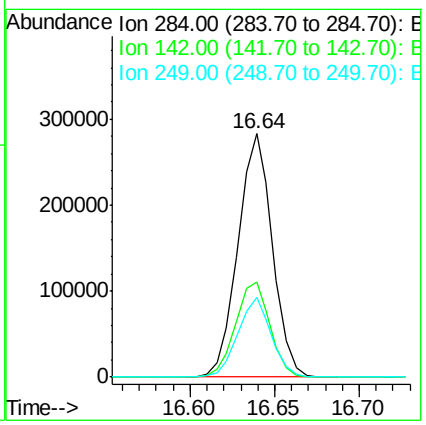


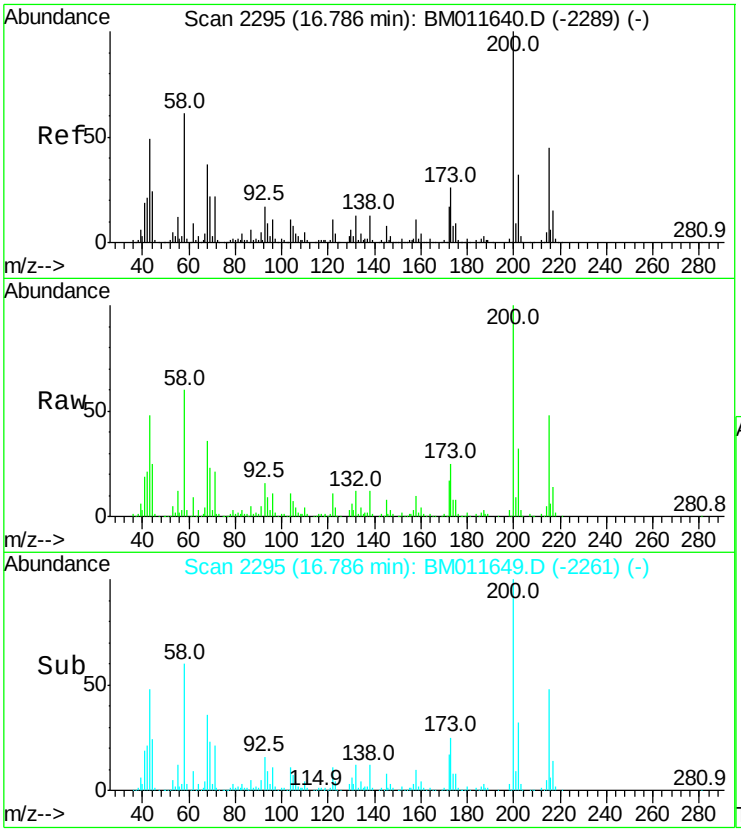


#67
Hexachlorobenzene
Concen: 20.344 ng/ul
RT: 16.64 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:284 Resp: 400724

Ion	Ratio	Lower	Upper
284	100		
142	39.1	21.3	31.9#
249	32.6	26.3	39.5



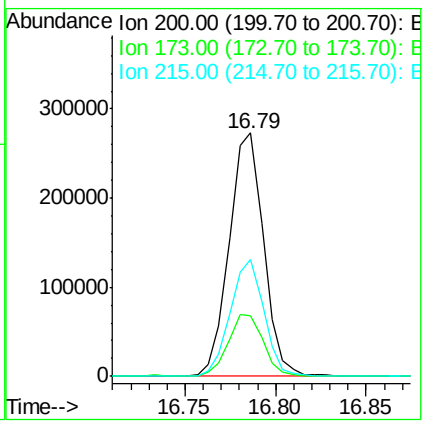


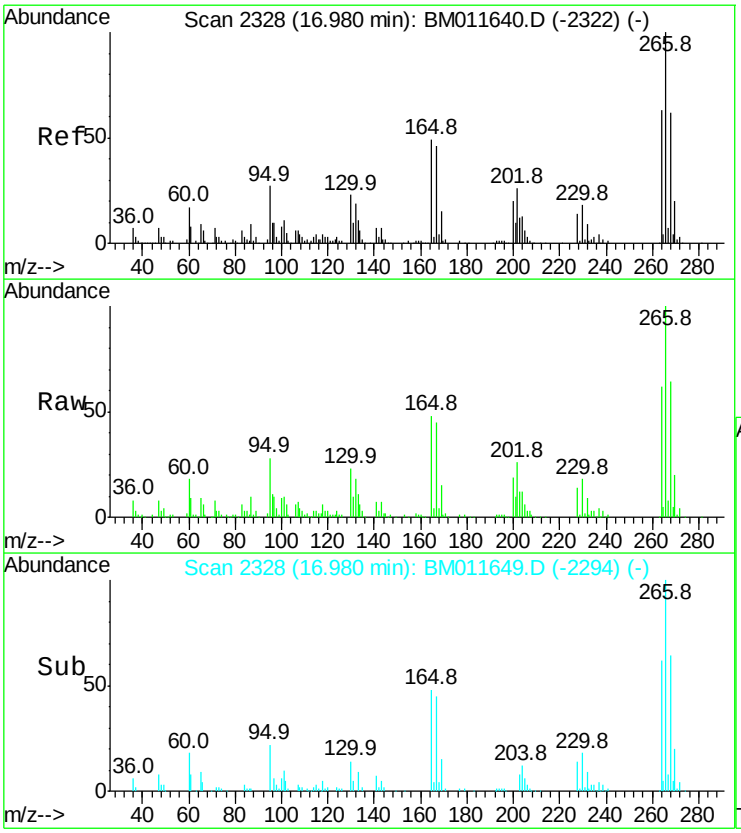
#68
Atrazine
Concen: 19.580 ng/ul
RT: 16.79 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:200 Resp: 362034

Ion	Ratio	Lower	Upper
200	100		
173	25.0	20.6	31.0
215	47.9	39.8	59.6

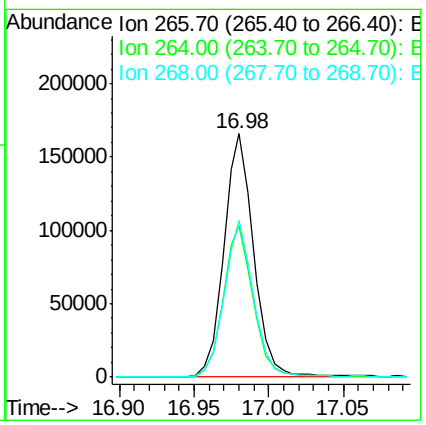


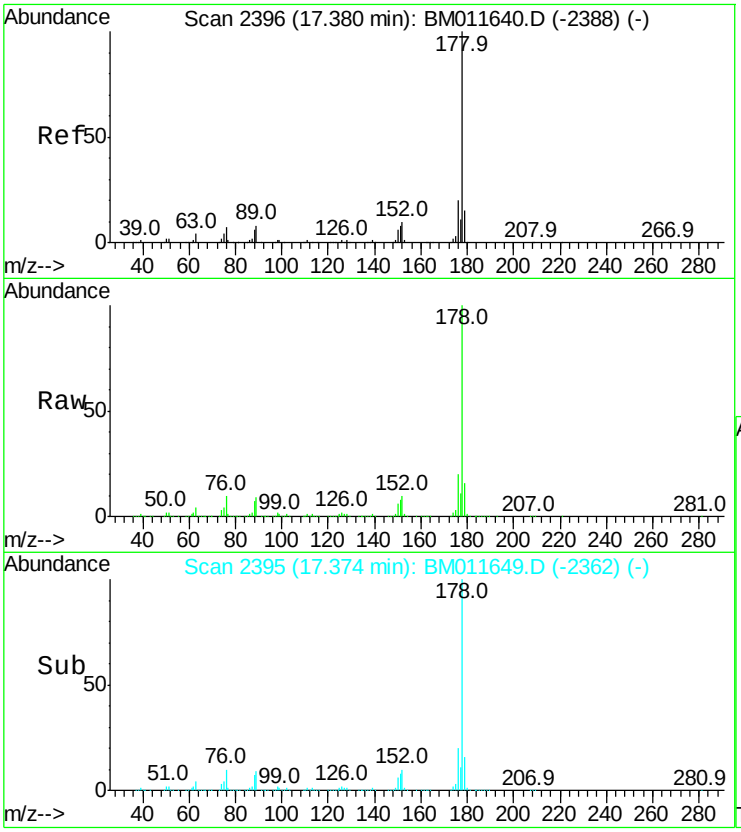


#69
Pentachlorophenol
Concen: 18.295 ng/ul
RT: 16.98 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:266 Resp: 231392

Ion	Ratio	Lower	Upper
266	100		
264	62.0	48.2	72.4
268	64.3	52.3	78.5



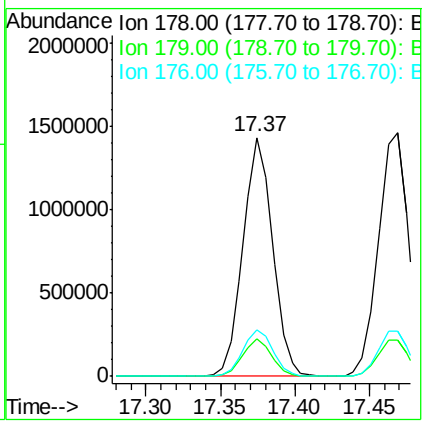


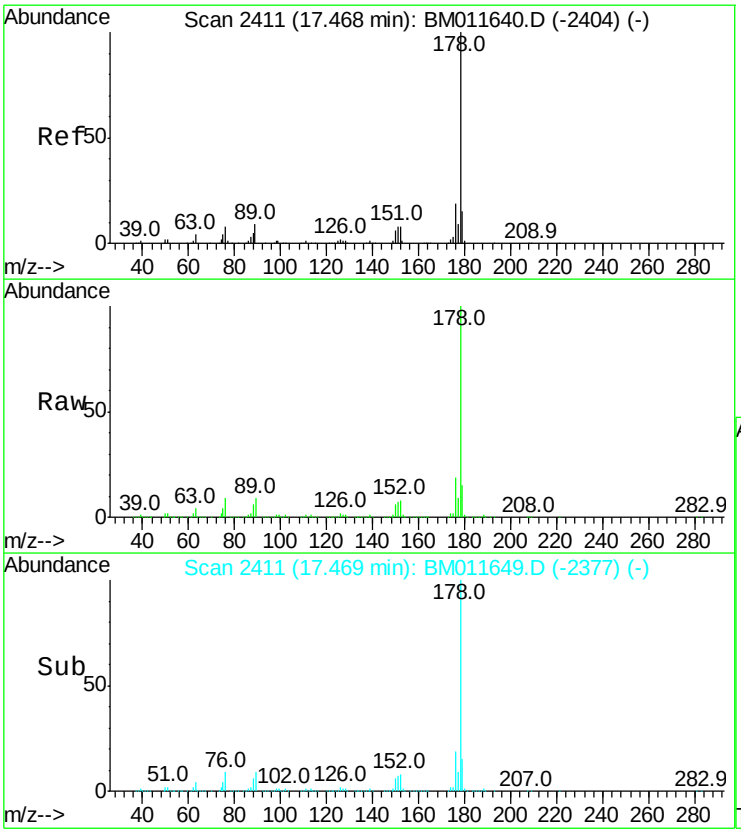
#70
Phenanthrene
Concen: 20.175 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1970185

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.7	15.4	23.0

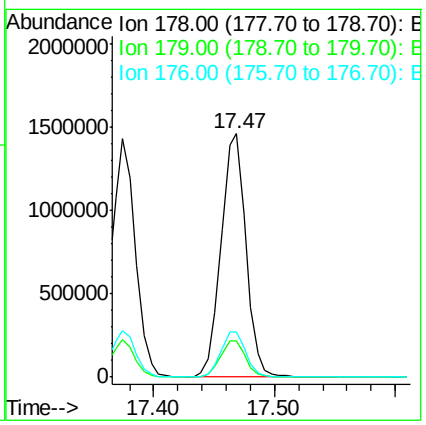


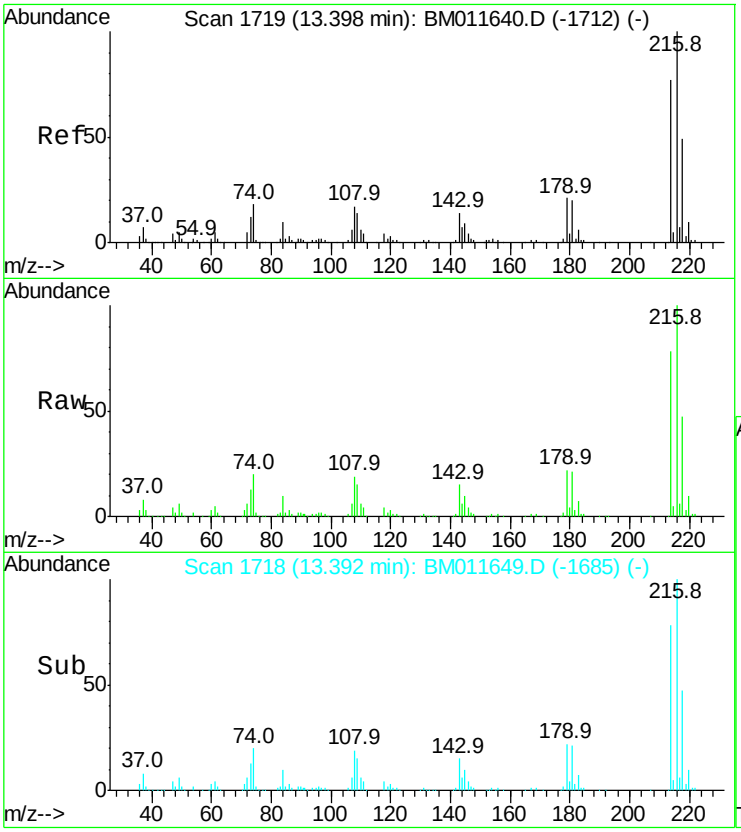


#72
Anthracene
Concen: 20.670 ng/ul
RT: 17.47 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:178 Resp: 2071167

Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.4	20.2
176	18.8	15.4	23.0



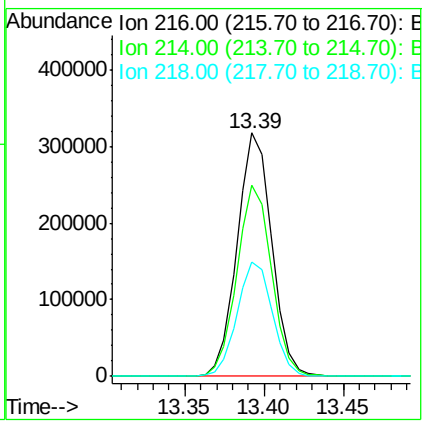


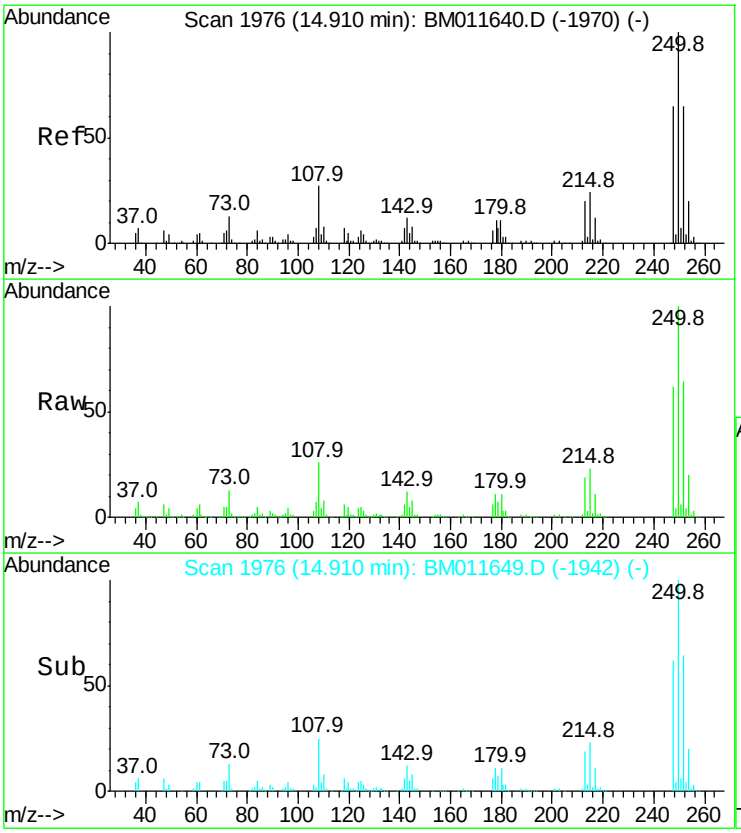
#73
1,2,3,4-Tetrachlorobenzene
Concen: 20.632 ng/uL
RT: 13.39 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 481665

Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.1	96.1
218	46.7	39.4	59.0

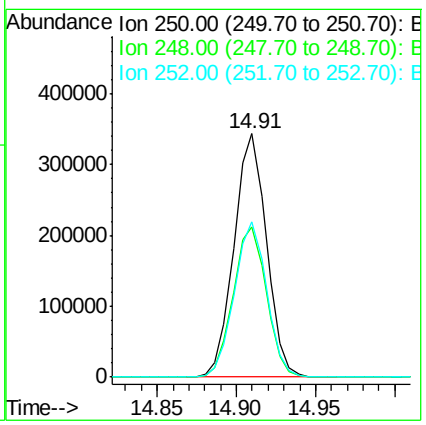


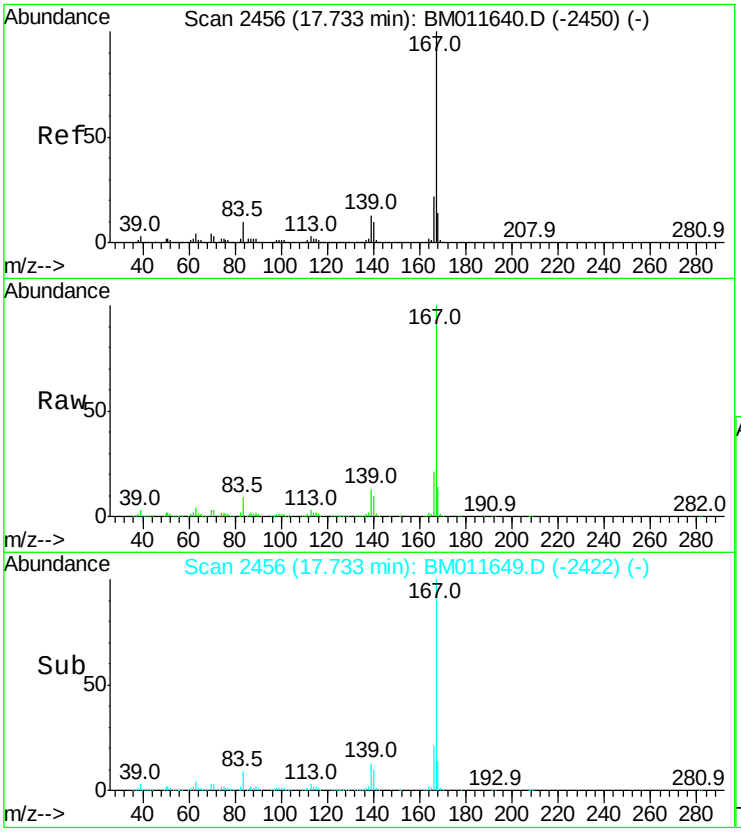


#74
Pentachlorobenzene
Concen: 20.621 ng/uL
RT: 14.91 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:250 Resp: 488263

Ion	Ratio	Lower	Upper
250	100		
248	61.6	51.4	77.2
252	63.9	49.8	74.6



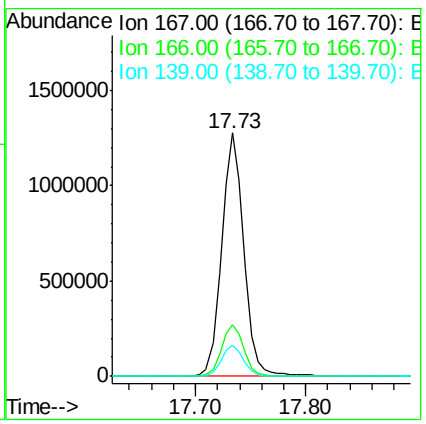


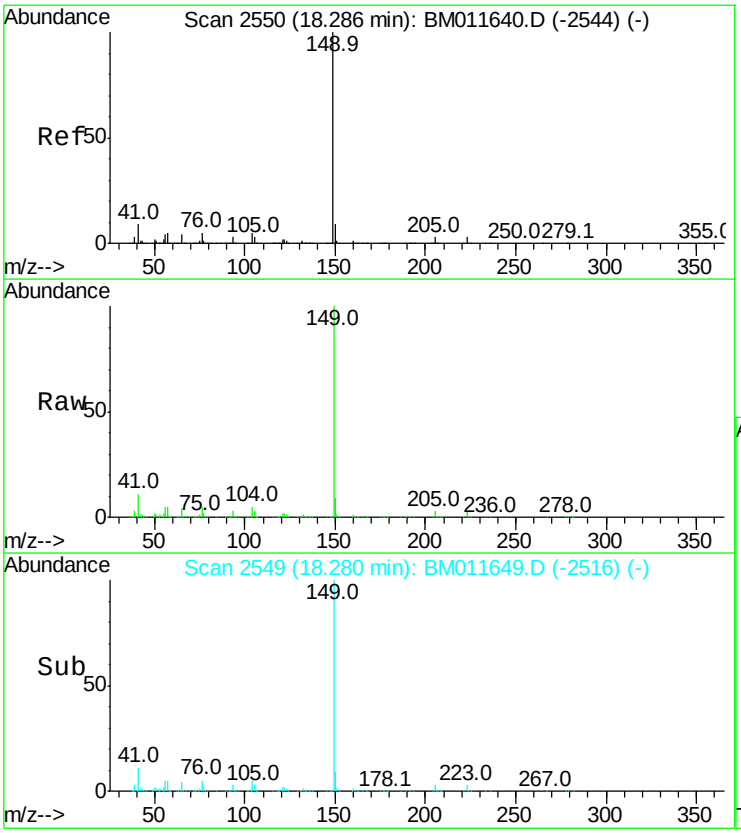
#75
Carbazole
Concen: 20.878 ng/ul
RT: 17.73 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 1784846

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	13.0	9.1	13.7

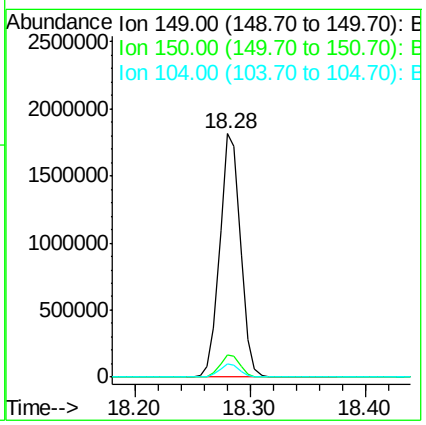


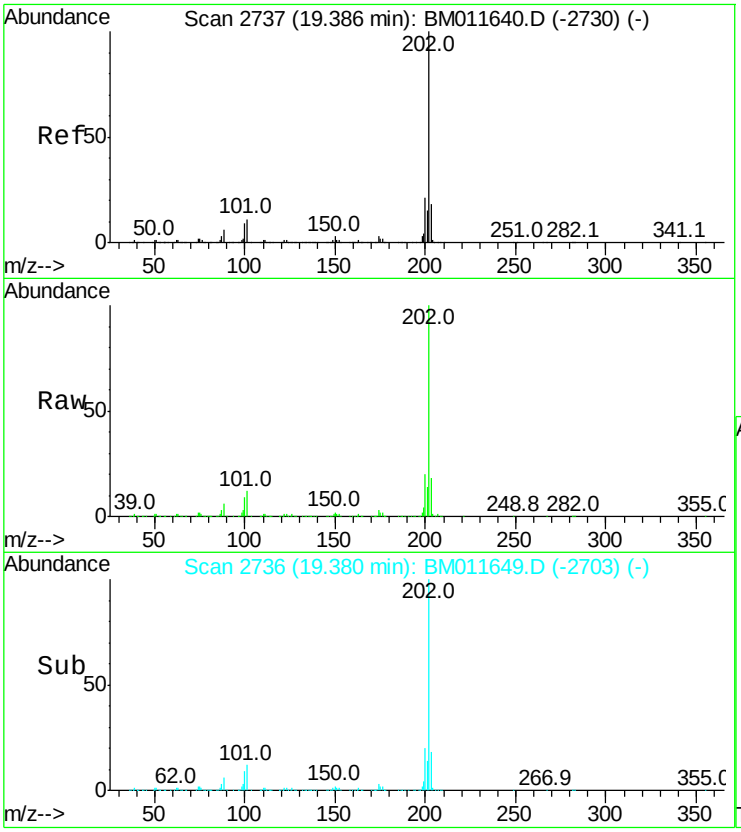


#76
Di-n-butylphthalate
Concen: 20.097 ng/ul
RT: 18.28 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:149 Resp: 2256559

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.5	4.1	6.1



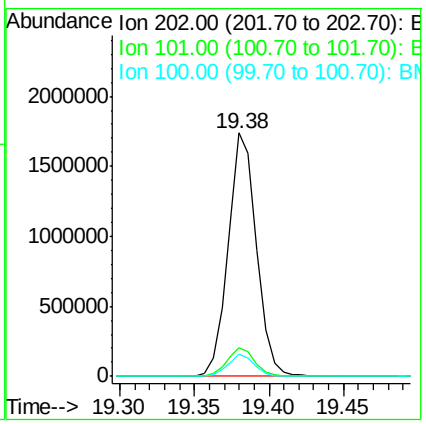


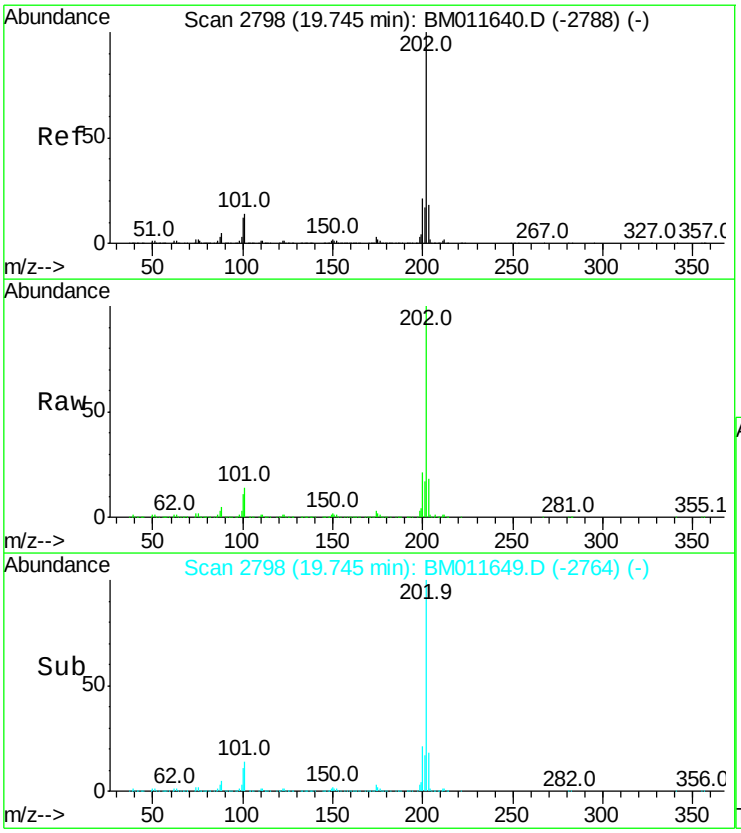
#77
Fluoranthene
Concen: 22.972 ng/ul
RT: 19.38 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2307365

Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.1	9.1#
100	9.0	4.6	7.0#

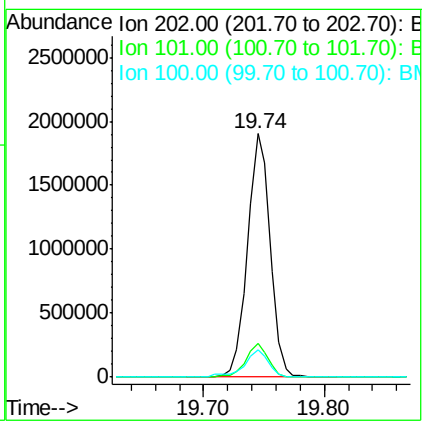


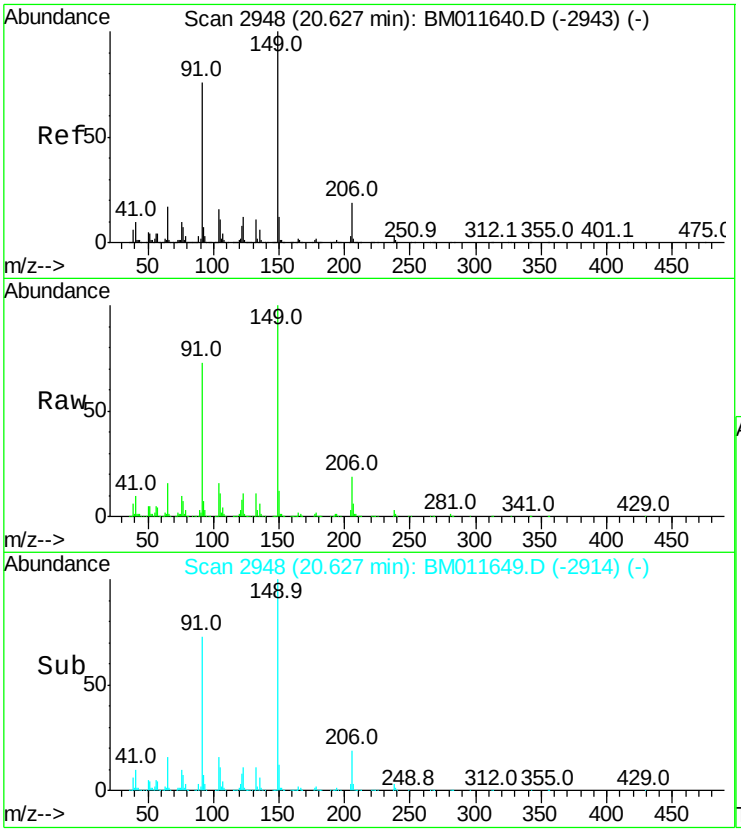


#80
Pyrene
Concen: 21.417 ng/ul
RT: 19.74 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:202 Resp: 2498872

Ion	Ratio	Lower	Upper
202	100		
101	13.6	6.9	10.3#
100	11.2	5.6	8.4#



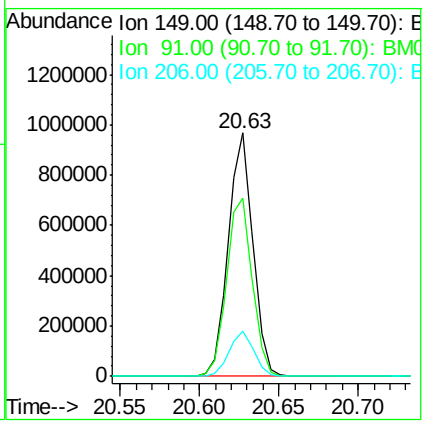


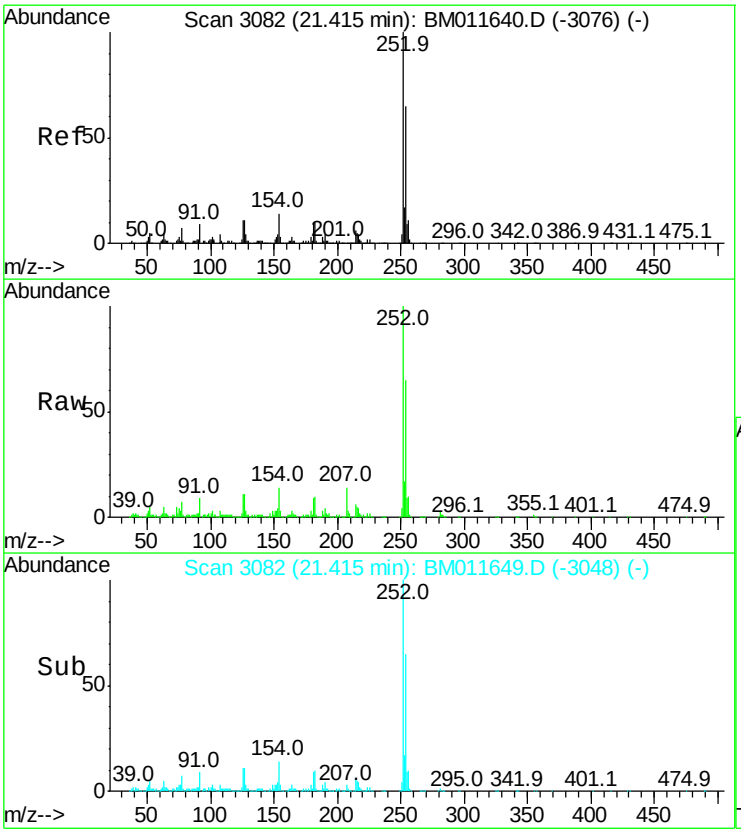
#81
Butylbenzylphthalate
Concen: 19.333 ng/ul
RT: 20.63 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1037366

Ion	Ratio	Lower	Upper
149	100		
91	73.3	53.4	80.0
206	18.6	19.3	28.9#

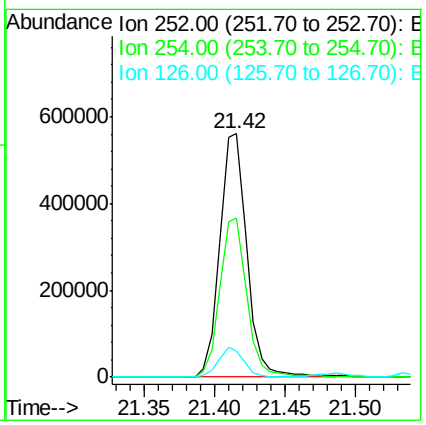


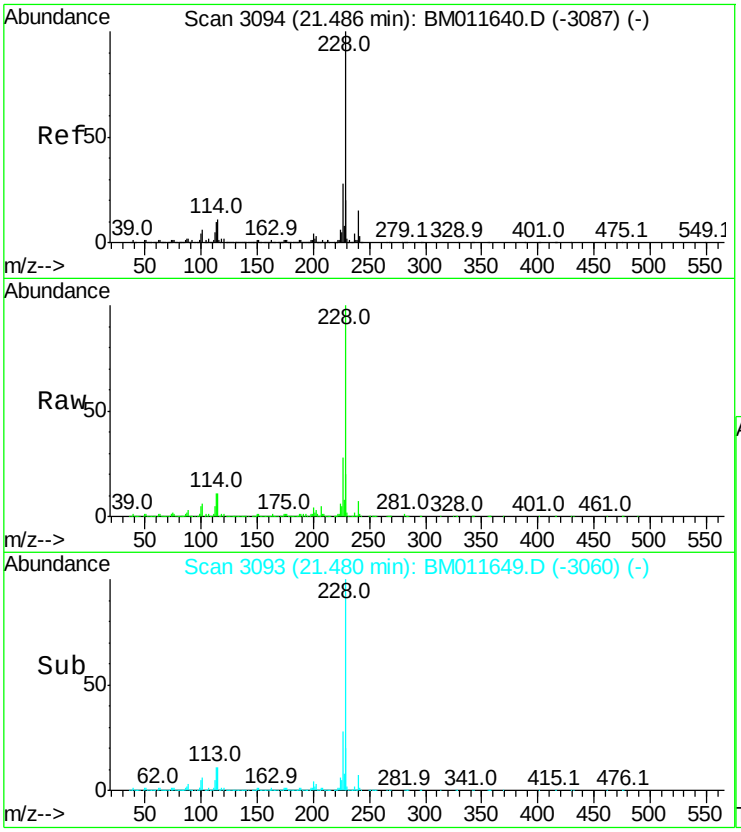


#82
3,3'-Dichlorobenzidine
Concen: 20.580 ng/ul
RT: 21.42 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:252 Resp: 747422

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.8	79.2
126	10.9	6.9	10.3#



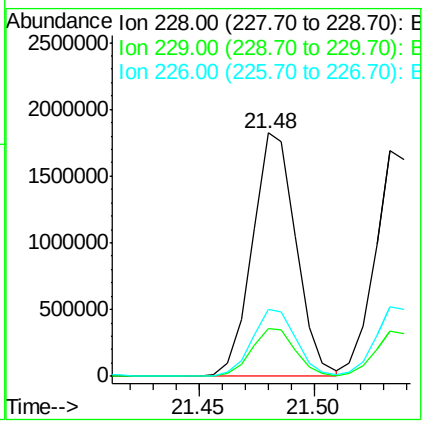


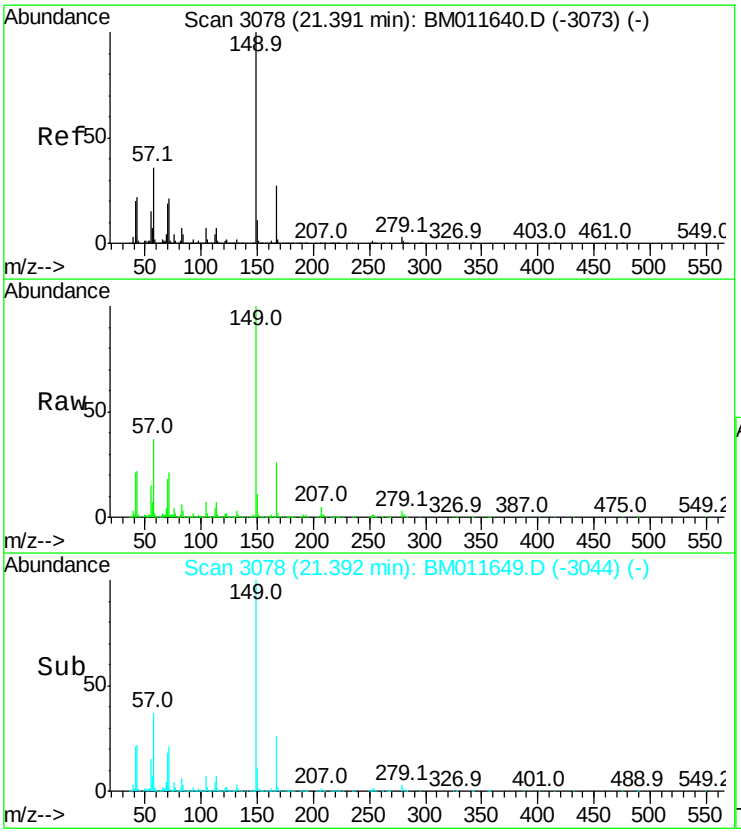
#83
Benzo(a)anthracene
Concen: 21.797 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2400089

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	27.5	21.8	32.8

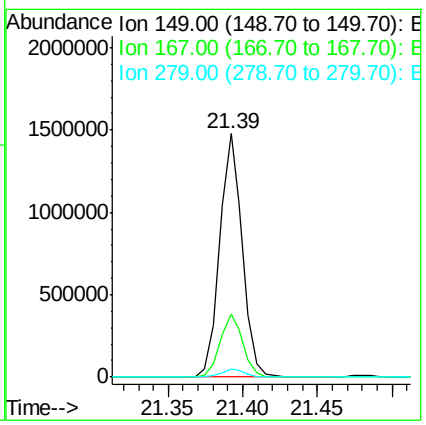


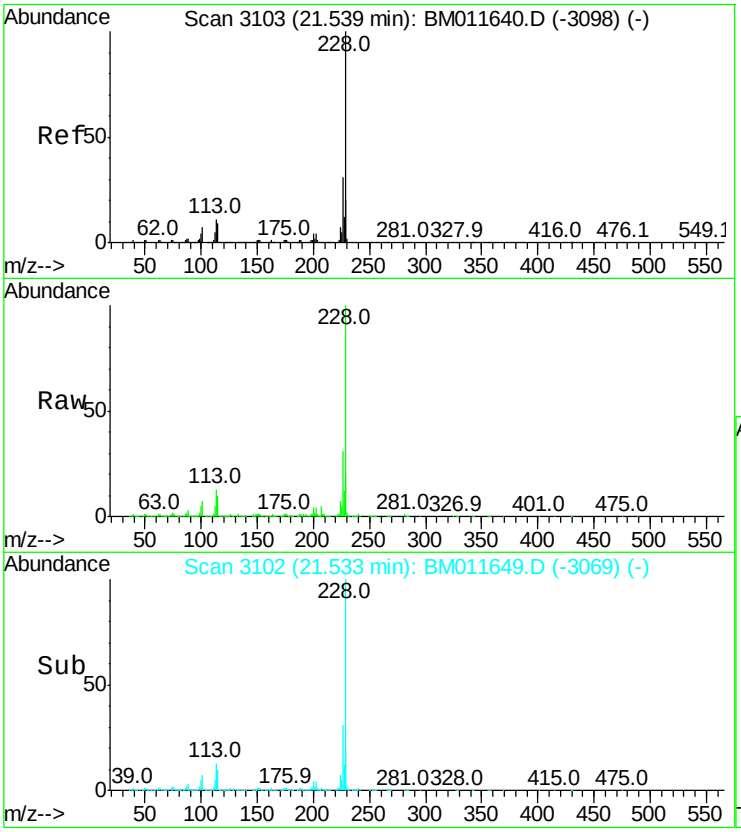


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.000 ng/ul
RT: 21.39 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:149 Resp: 1565703

Ion	Ratio	Lower	Upper
149	100		
167	26.1	23.0	34.6
279	3.3	4.3	6.5#



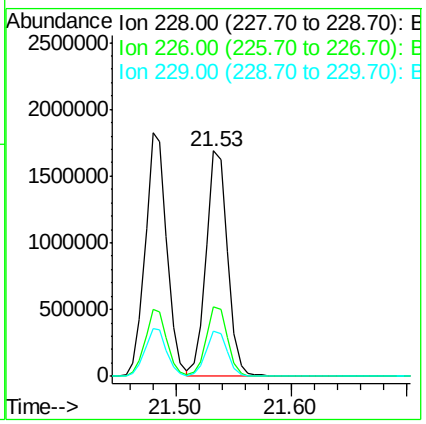


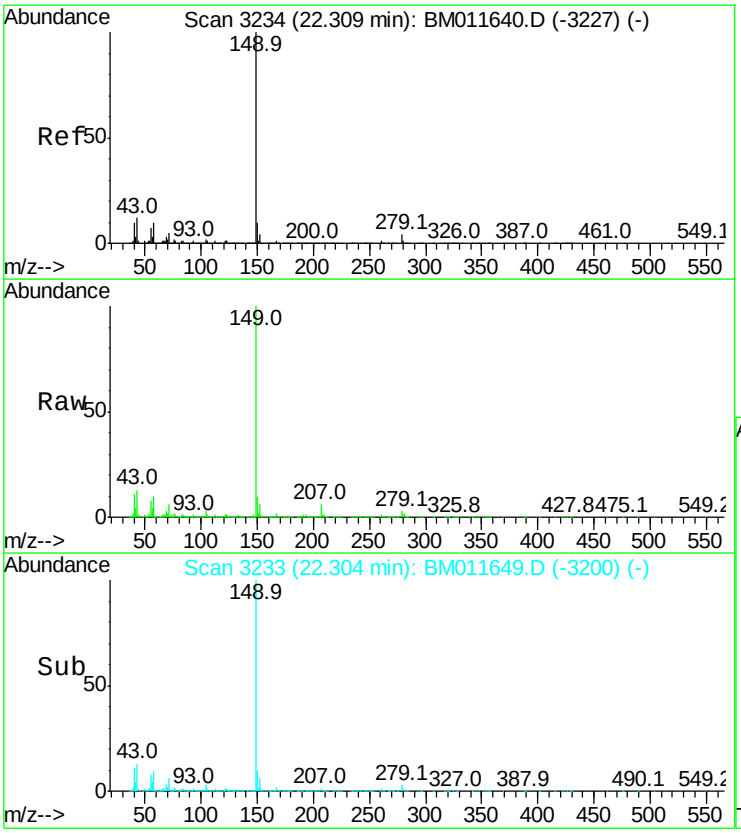
#85
Chrysene
Concen: 21.831 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2179291

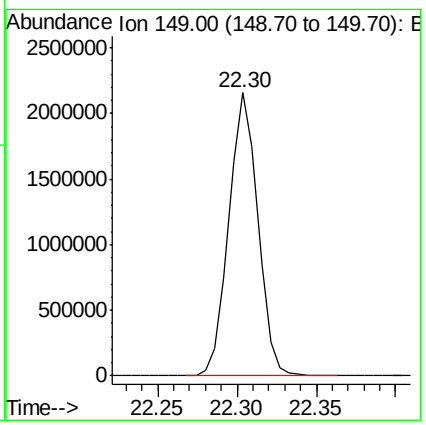
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	20.2	16.0	24.0

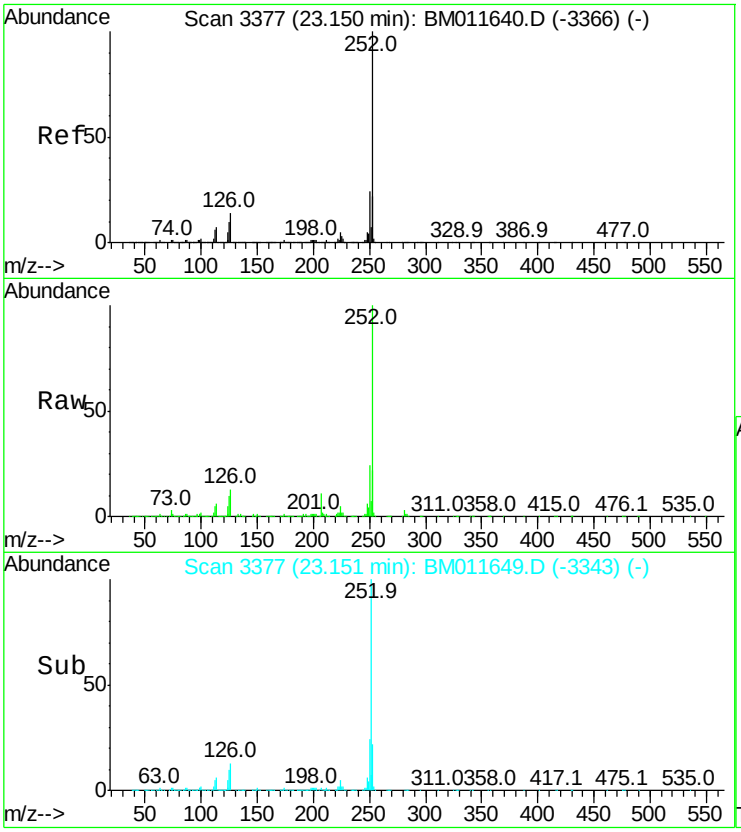




#87
Di-n-octyl phthalate
Concen: 20.607 ng/ul
RT: 22.30 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:149 Resp: 2733042



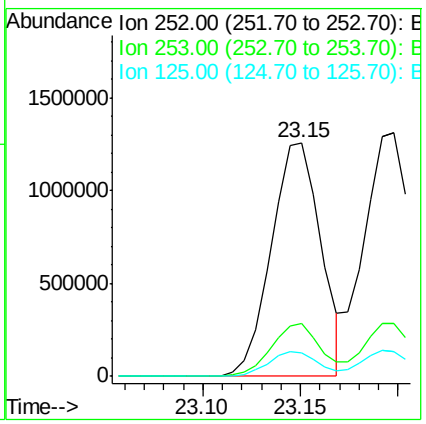


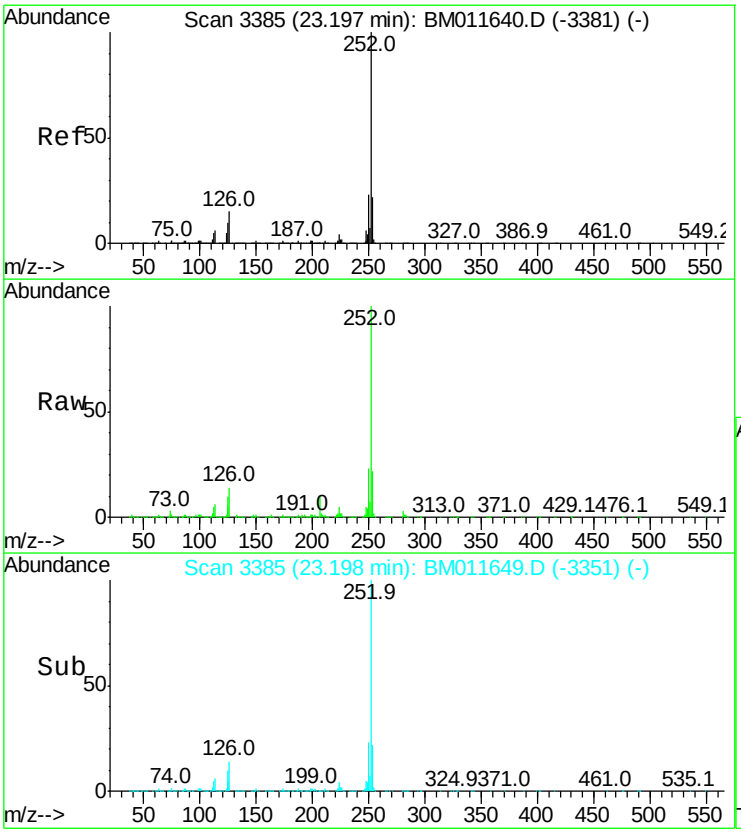
#88
Benzo(b)fluoranthene
Concen: 19.757 ng/ul
RT: 23.15 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2221139

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.1	4.9	7.3#

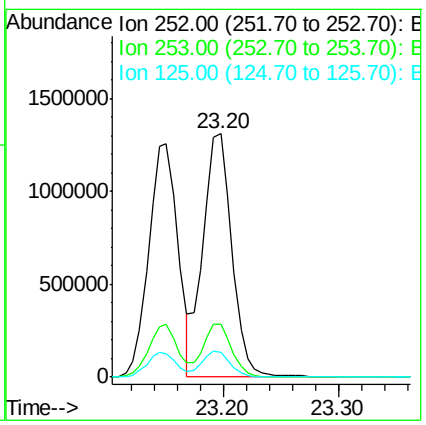


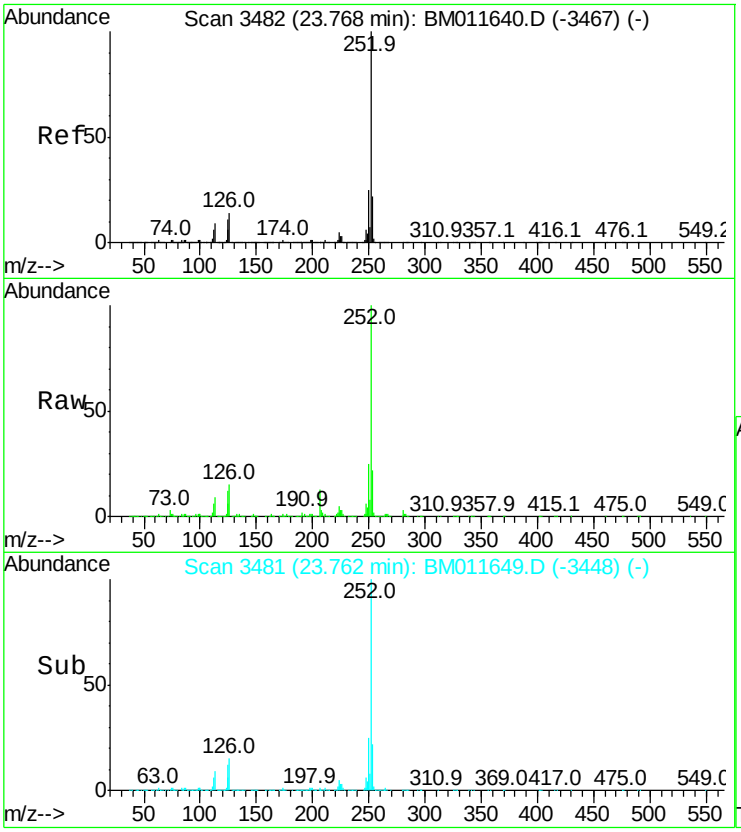


#89
Benzo(k)fluoranthene
Concen: 21.056 ng/ul
RT: 23.20 min Scan# 3385
Delta R.T. 0.00 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:252 Resp: 2273450

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.0	5.4	8.0#



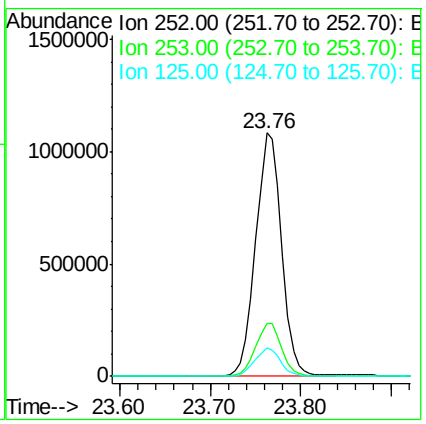


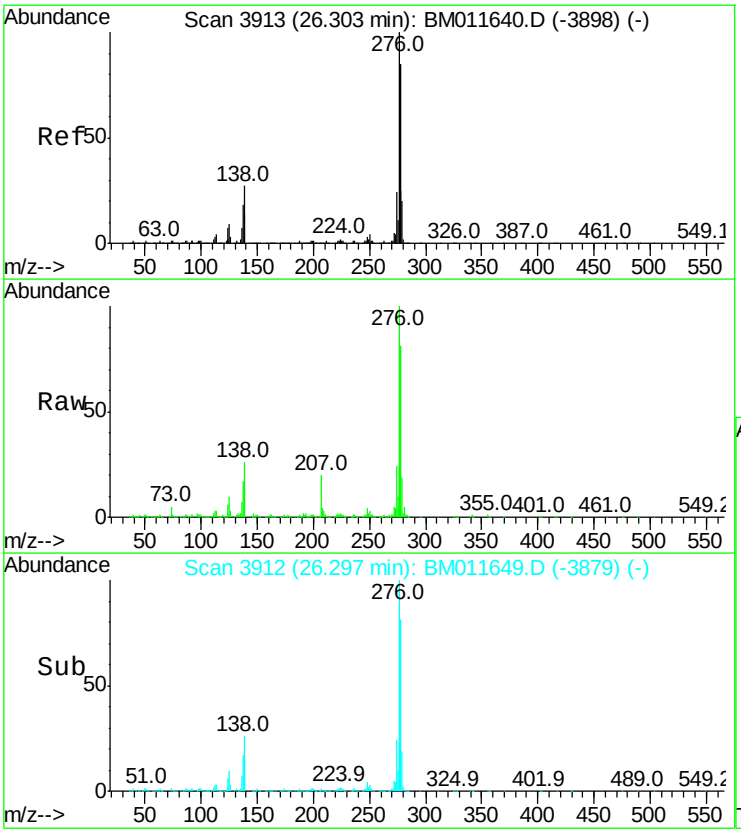
#91
Benzo(a)pyrene
Concen: 20.333 ng/ul
RT: 23.76 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2157634

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.6	5.8	8.6#

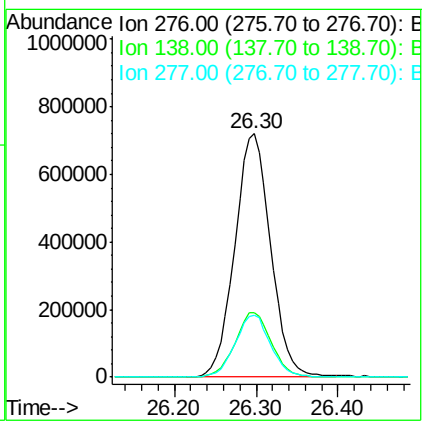


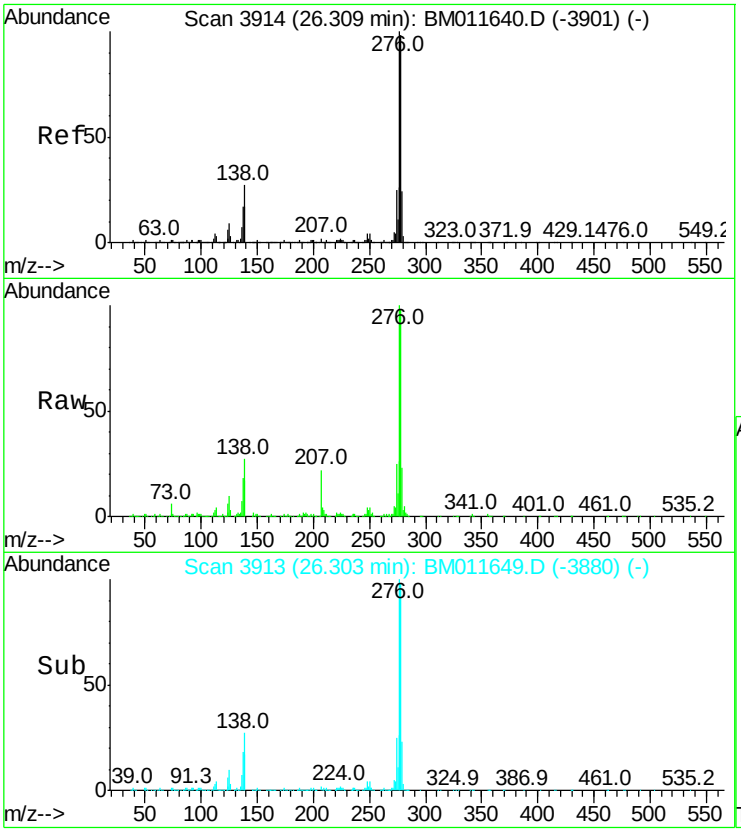


#92
Indeno(1,2,3-cd)pyrene
Concen: 18.829 ng/ul
RT: 26.30 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:276 Resp: 2197959

Ion	Ratio	Lower	Upper
276	100		
138	26.3	10.9	16.3#
277	25.3	18.9	28.3



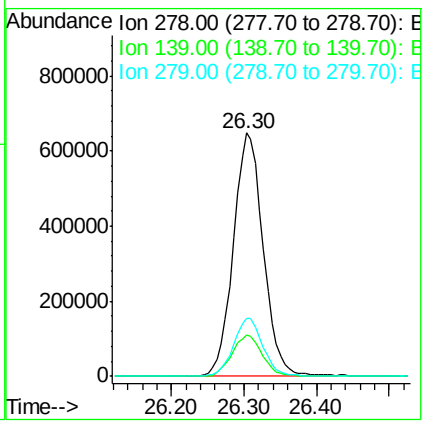


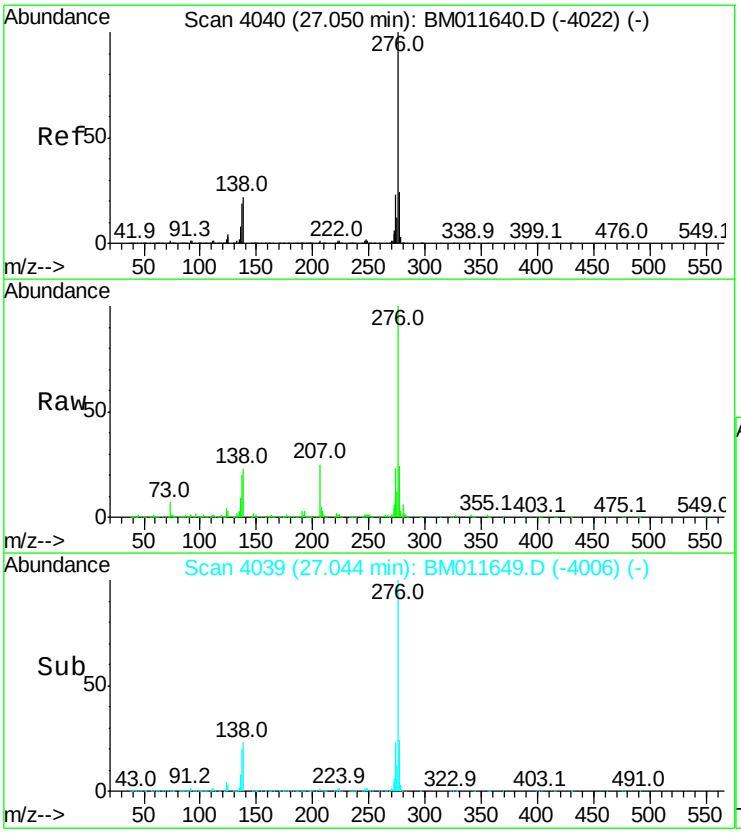
#93
Dibenzo(a,h)anthracene
Concen: 18.720 ng/ul
RT: 26.30 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1852900

Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.0	13.4#
279	23.8	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 18.518 ng/ul
RT: 27.04 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BM011649.D
Acq: 21 Sep 2017 09:28

Tgt Ion:276 Resp: 1750516

Ion	Ratio	Lower	Upper
276	100		
138	22.6	11.2	16.8#
277	24.3	19.0	28.6