Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM011518\
Data File : BM013617.D
Acq On : 16 Jan 2018 10:13
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 16 10:45:42 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 07:13:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	102962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	406498	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	243990	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	601936	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	731345	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	722927	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	22809	8.76	ng/uL	0.00
5) Phenol-d5	6.80	99	160081	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	101290	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	136435	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	124085	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	63224	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	66719	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	137127	21.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	134865	24.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	411306	20.45	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	536762	20.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	66079	20.22	ng/ul	0.00
57) Fluorene-d10	15.27	176	374183	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	65451	18.06	ng/ul	0.00
70) Anthracene-d10	17.12	188	610706	20.83	ng/ul	0.00
76) Pyrene-d10	19.42	212	706210	20.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	693652	20.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	22064	7.732	ng/uL#	72
4) Benzaldehyde	6.77	77	123011	22.488	ng/ul	89
6) Phenol	6.83	94	161578	20.381	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.06	93	130513	21.038	ng/ul	98
10) 2-Chlorophenol	7.19	128	135581	21.121	ng/ul	96
11) 2-Methylphenol	8.06	108	118546	20.285	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.16	45	129839	20.569	ng/ul#	74
14) Acetophenone	8.44	105	201471	20.036	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.42	70	101629	20.717	ng/ul#	77
16) 4-Methylphenol	8.39	108	120434	19.273	ng/ul	93
17) Hexachloroethane	8.68	117	64242	20.560	ng/ul#	78
20) Nitrobenzene	8.82	77	164880	20.235	ng/ul	98
21) Isophorone	9.34	82	263481	20.013	ng/ul#	94
23) 2-Nitrophenol	9.52	139	68516	19.725	ng/ul#	87
24) 2,4-Dimethylphenol	9.59	107	147970	20.206	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.82	93	164476	20.493	ng/ul	91
27) 2,4-Dichlorophenol	10.05	162	129322	20.841	ng/ul#	92
28) Naphthalene	10.45	128	413721	20.458	ng/ul	97
30) 4-Chloroaniline	10.57	127	133682	24.134	ng/ul	91
31) Hexachlorobutadiene	10.73	225	102147	20.054	ng/ul#	92
32) Caprolactam	11.35	113	30530	17.686	ng/ul#	27
33) 4-Chloro-3-methylphenol	11.70	107	133021	21.147	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	312291	20.712	ng/ul	92

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	182825	20.222 ng/ul#	96
37) Hexachlorocyclopentadiene	12.41	237	56853	15.147 ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	114602	21.899 ng/ul	99
39) 2,4,5-Trichlorophenol	12.77	196	112701	20.697 ng/ul	99
40) 1,1'-Biphenyl	13.09	154	414144	20.392 ng/ul	97
41) 2-Chloronaphthalene	13.13	162	323228	20.359 ng/ul	96
42) 2-Nitroaniline	13.36	65	90598	20.687 ng/ul	97
44) Dimethylphthalate	13.73	163	401280	20.296 ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	77569	20.245 ng/ul	87
47) Acenaphthylene	13.99	152	488210	20.808 ng/ul	99
48) 3-Nitroaniline	14.19	138	64788	21.501 ng/ul	98
49) Acenaphthene	14.33	153	338758	20.847 ng/ul	97
50) 2,4-Dinitrophenol	14.41	184	34163	15.554 ng/ul#	88
52) 4-Nitrophenol	14.51	109	68867	20.744 ng/ul#	85
53) Dibenzofuran	14.67	168	512680	20.972 ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	119635	21.420 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.90	232	109003	21.282 ng/ul	95
56) Diethylphthalate	15.10	149	406908	20.450 ng/ul	95
58) Fluorene	15.32	166	427550	21.351 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.32	204	227440	21.020 ng/ul	97
60) 4-Nitroaniline	15.36	138	76839	21.794 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.42	198	65570	17.145 ng/ul	94
64) N-Nitrosodiphenylamine	15.54	169	361227	20.404 ng/ul	96
65) 4-Bromophenyl-phenylether	16.22	248	141956	19.967 ng/ul	96
66) Hexachlorobenzene	16.33	284	152959	19.987 ng/ul#	93
67) Atrazine	16.50	200	138347	19.580 ng/ul	94
68) Pentachlorophenol	16.67	266	74822	18.399 ng/ul	95
69) Phenanthrene	17.06	178	692519	20.697 ng/ul	99
71) Anthracene	17.16	178	720737	20.884 ng/ul	99
72) Carbazole	17.43	167	592875	20.812 ng/ul	99
73) Di-n-butylphthalate	18.00	149	667012	19.908 ng/ul	99
74) Fluoranthene	19.09	202	851313	21.315 ng/ul#	94
77) Pyrene	19.45	202	907414	20.409 ng/ul#	91
78) Butylbenzylphthalate	20.36	149	306221	19.552 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.14	252	250421	20.698 ng/ul	98
80) Benzo(a)anthracene	21.20	228	914391	20.692 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	434479	18.490 ng/ul#	98
82) Chrysene	21.26	228	839165	20.699 ng/ul	98
84) Di-n-octyl phthalate	22.01	149	765963	17.581 ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	978719	22.045 ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	865651	20.172 ng/ul#	97
88) Benzo(a)pyrene	23.32	252	873806	20.834 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.62	276	1029678	20.798 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.63	278	885500	21.180 ng/ul#	96
91) Benzo(g,h,i)perylene	26.29	276	850805	20.880 ng/ul#	96

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

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Misc :
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Instrument :
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Quant Title : SVOA CALIBRATION
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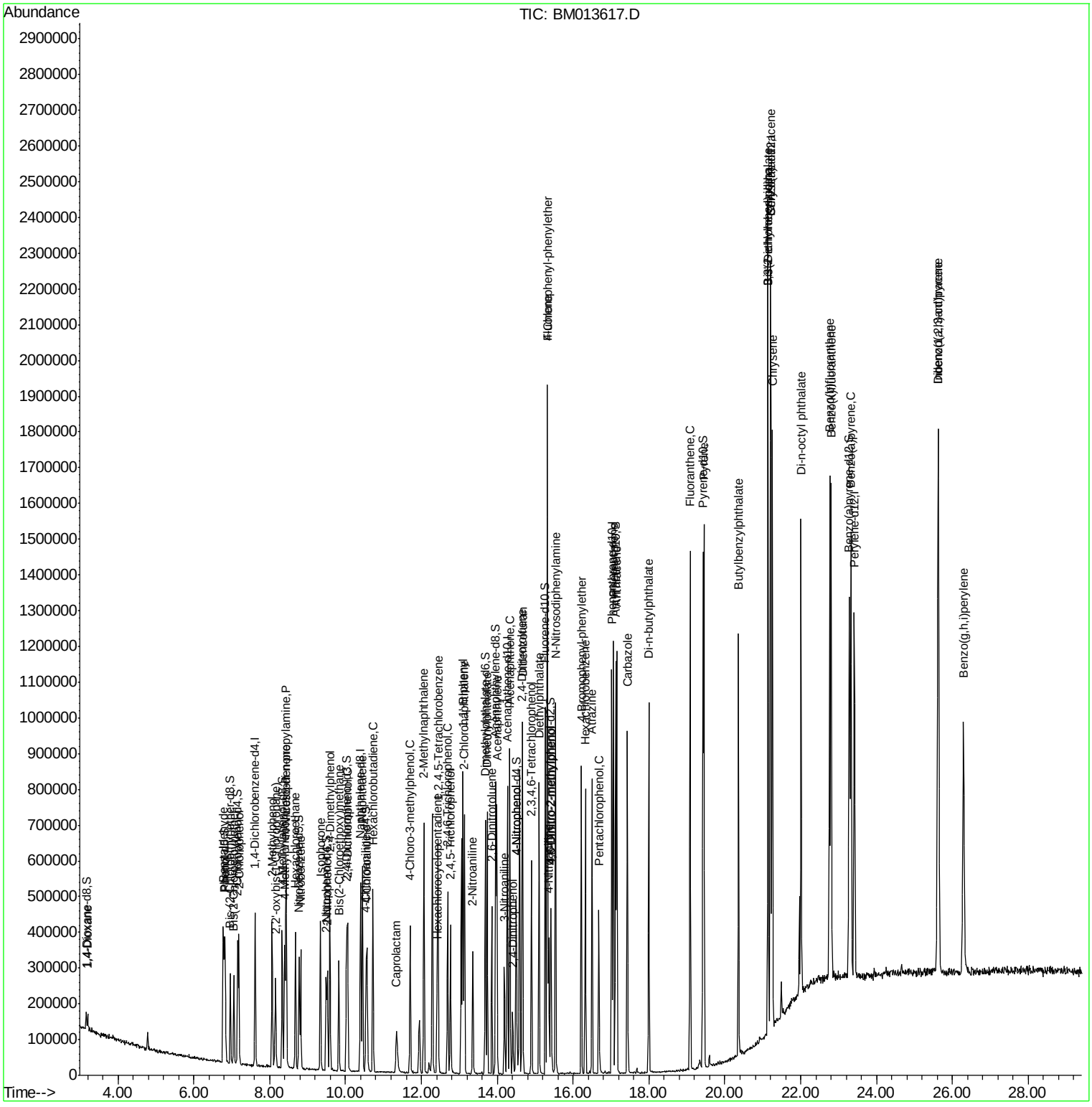
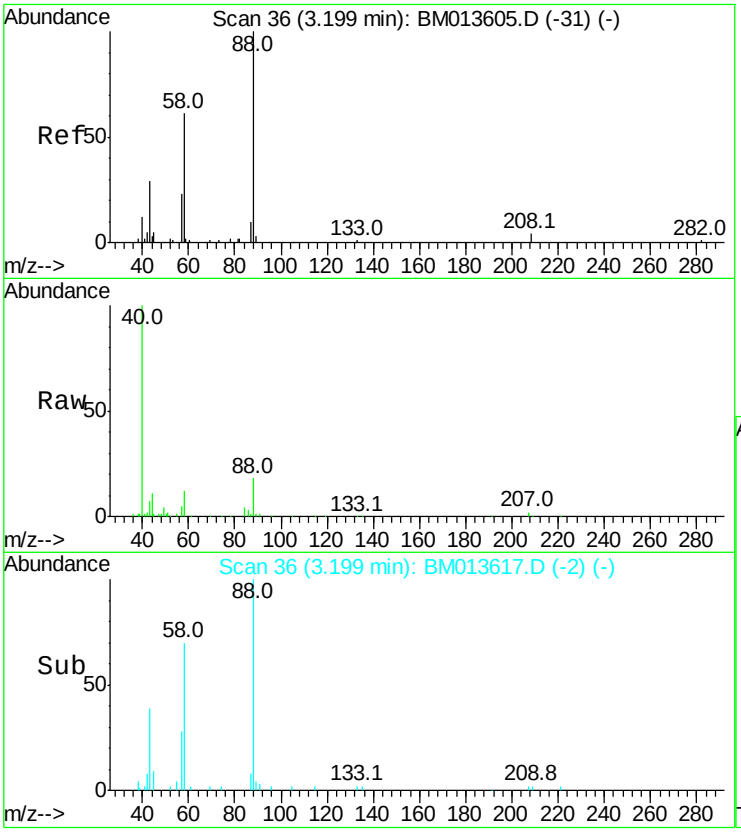


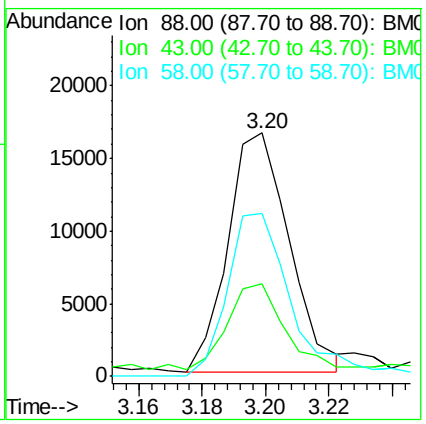


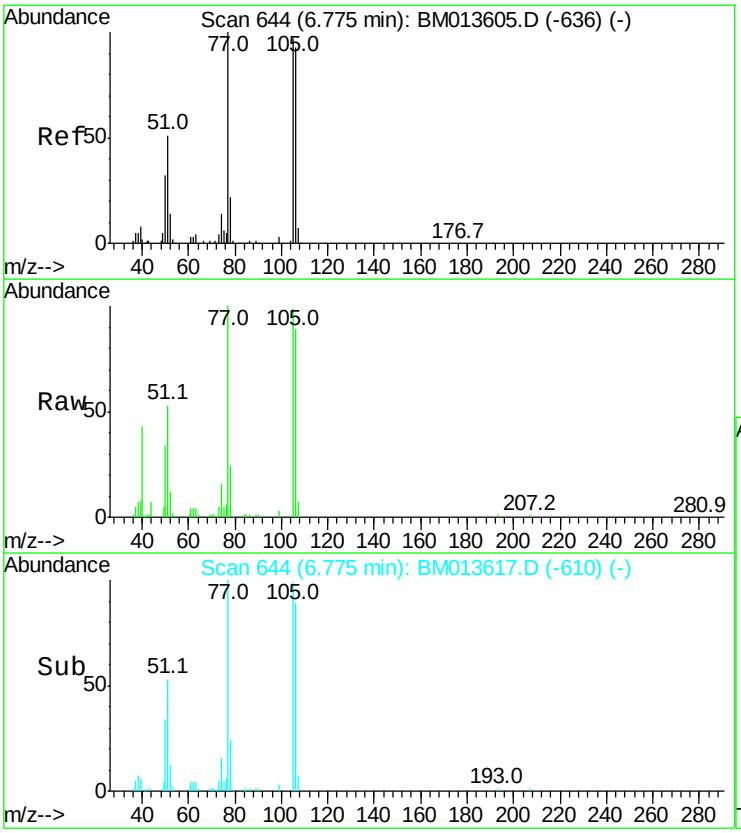
#2
1,4-Dioxane
Concen: 7.732 ng/uL
RT: 3.20 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 22064

Ion	Ratio	Lower	Upper
88	100		
43	39.9	48.0	72.0#
58	71.1	80.0	120.0#

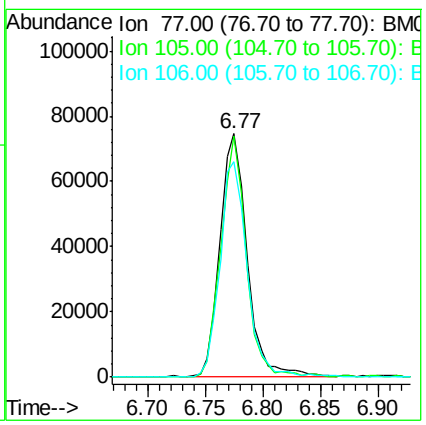


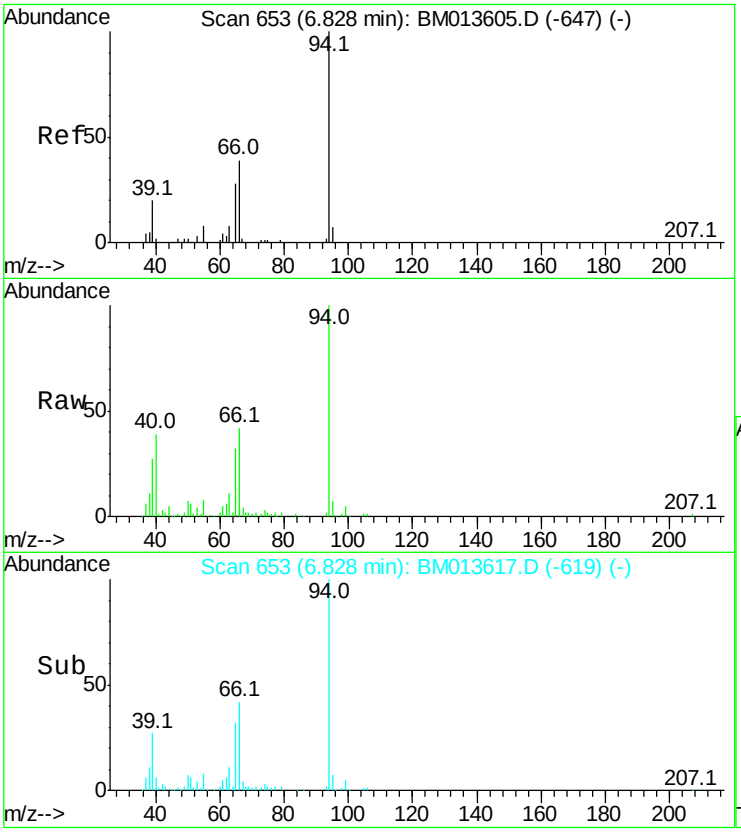


#4
Benzaldehyde
Concen: 22.488 ng/ul
RT: 6.77 min Scan# 644
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion: 77 Resp: 123011

Ion	Ratio	Lower	Upper
77	100		
105	98.9	66.1	99.1
106	88.5	67.8	101.6



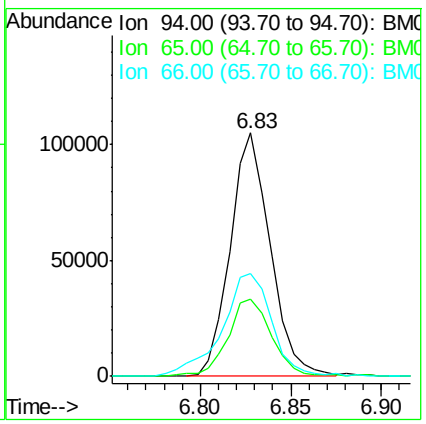


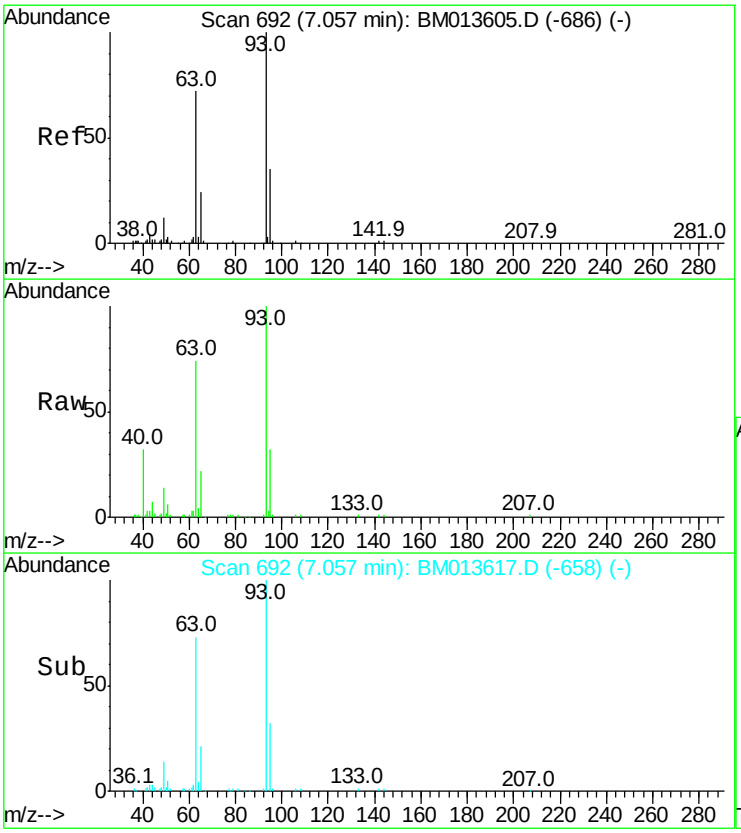
#6
Phenol
Concen: 20.381 ng/ul
RT: 6.83 min Scan# 653
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 161578

Ion	Ratio	Lower	Upper
94	100		
65	31.6	28.2	42.4
66	42.2	47.2	70.8#

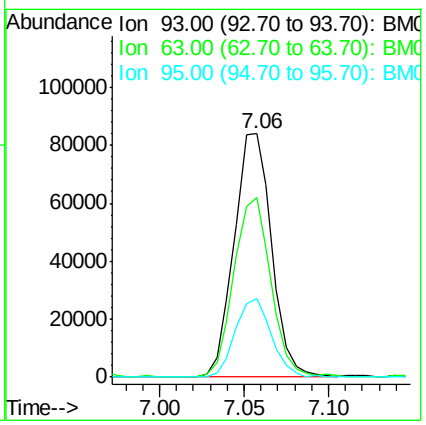


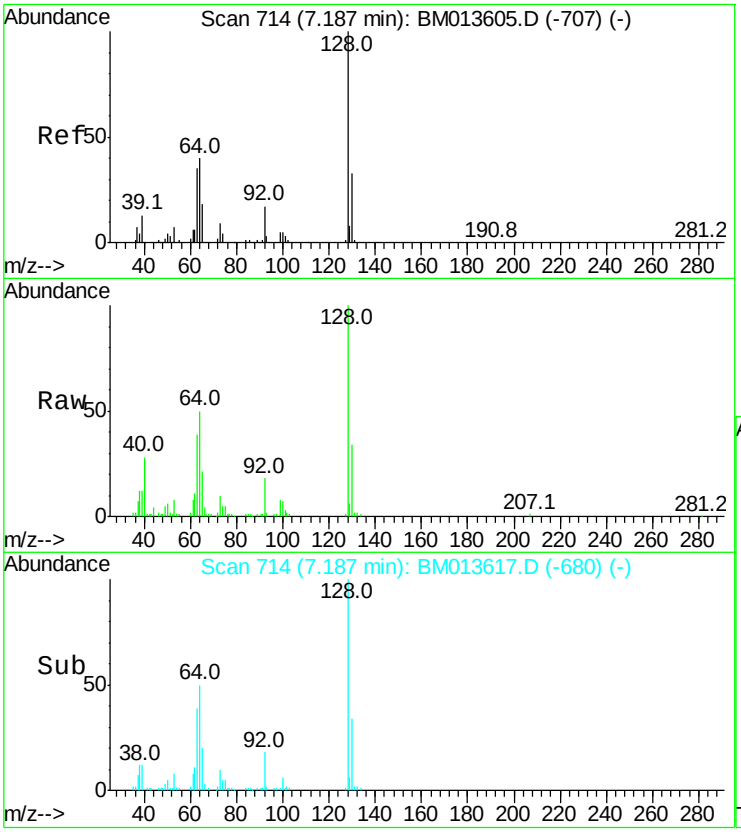


#8
Bis(2-Chloroethyl)ether
Concen: 21.038 ng/ul
RT: 7.06 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion: 93 Resp: 130513

Ion	Ratio	Lower	Upper
93	100		
63	73.9	57.3	85.9
95	32.3	26.6	39.8



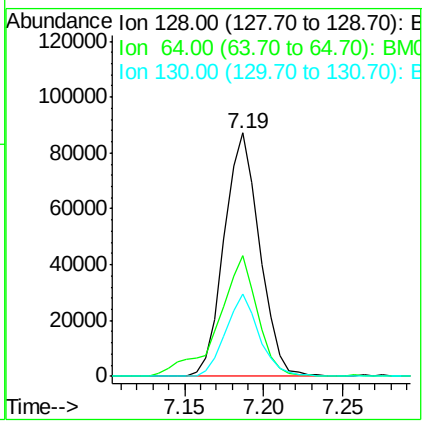


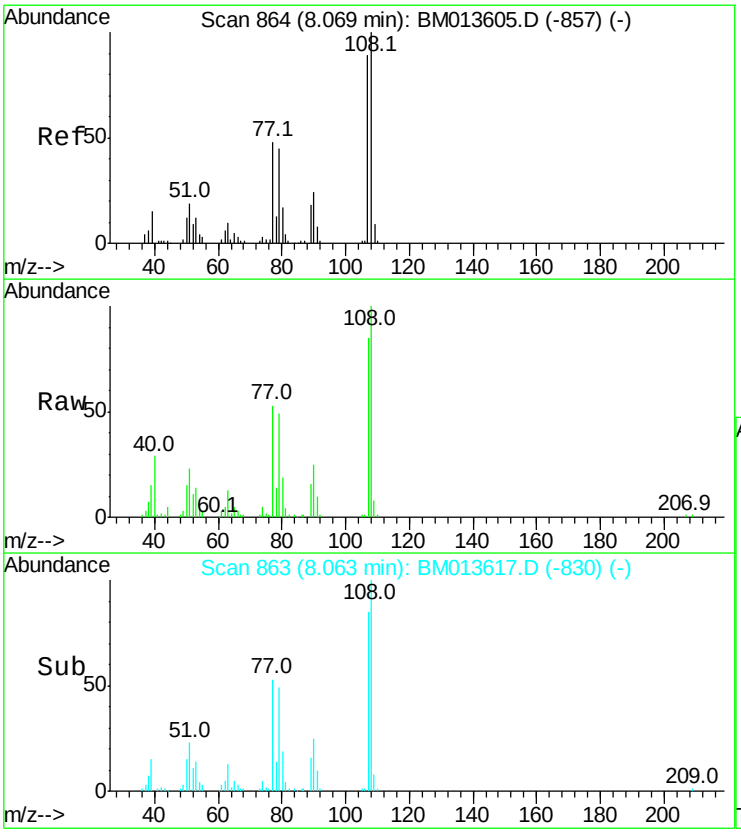
#10
2-Chlorophenol
Concen: 21.121 ng/ul
RT: 7.19 min Scan# 714
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 135581

Ion	Ratio	Lower	Upper
128	100		
64	49.6	38.0	57.0
130	33.6	24.4	36.6

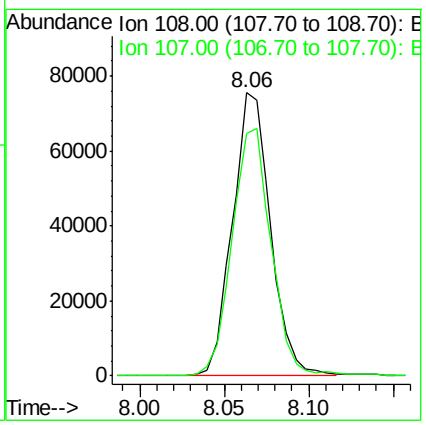


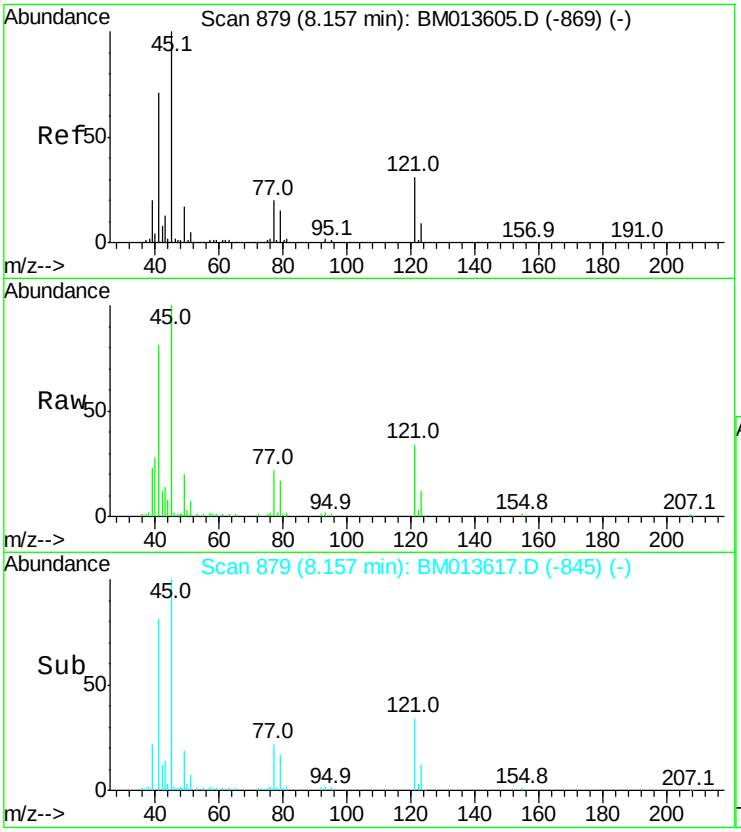


#11
2-Methylphenol
Concen: 20.285 ng/ul
RT: 8.06 min Scan# 863
Delta R.T. -0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:108 Resp: 118546

Ion	Ratio	Lower	Upper
108	100		
107	85.5	72.6	108.8



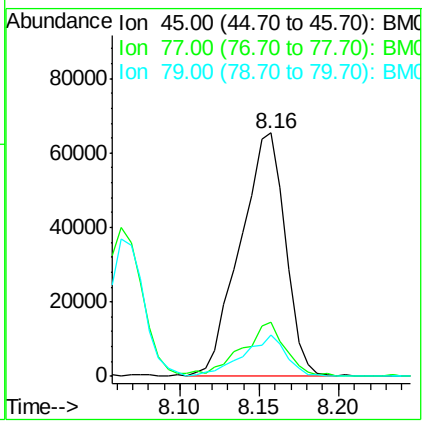


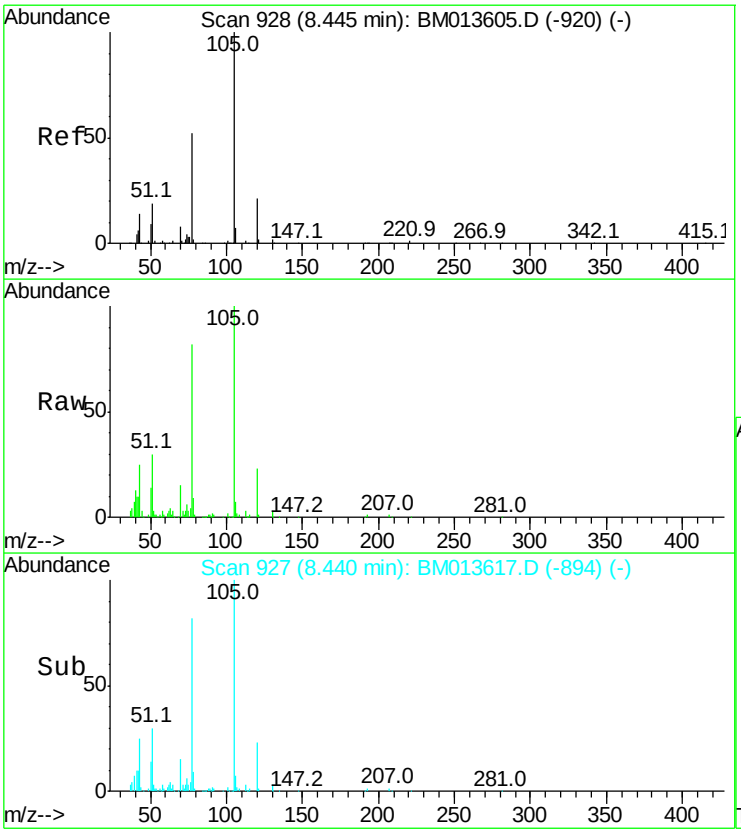
#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.569 ng/ul
RT: 8.16 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 129839

Ion	Ratio	Lower	Upper
45	100		
77	22.3	8.0	12.0#
79	17.0	8.0	12.0#

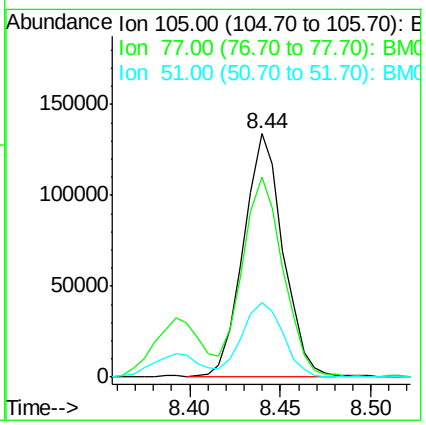


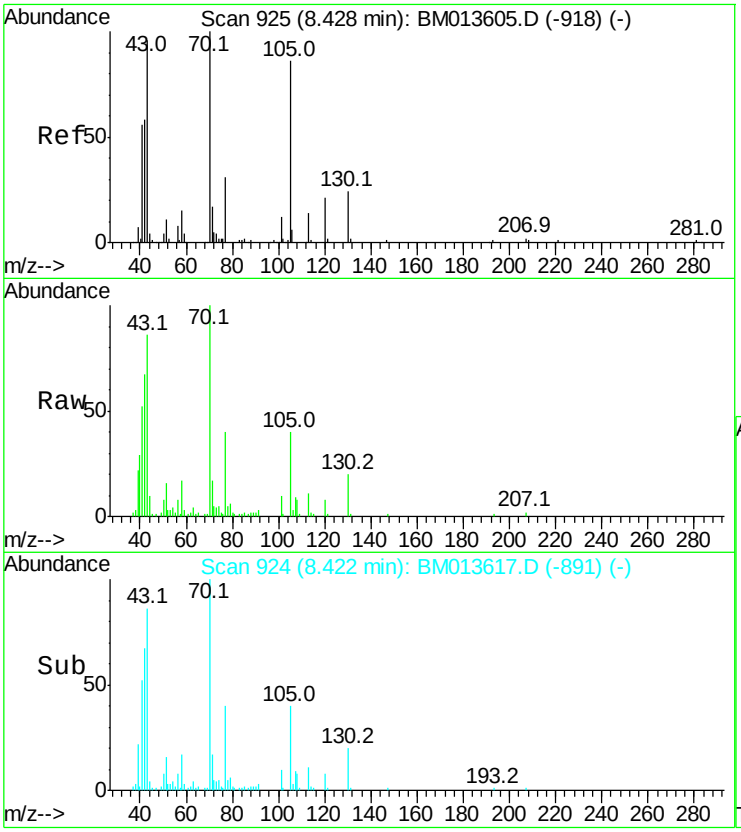


#14
Acetophenone
Concen: 20.036 ng/ul
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:105 Resp: 201471

Ion	Ratio	Lower	Upper
105	100		
77	82.2	74.2	111.4
51	30.4	23.4	35.2



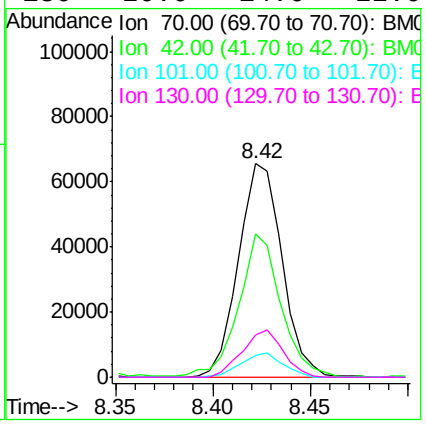


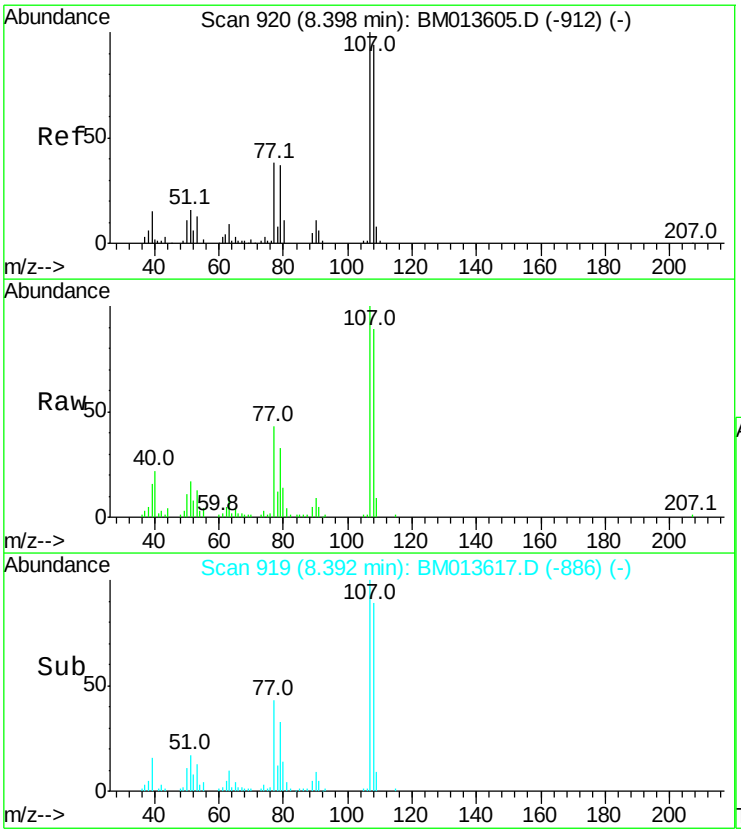
#15
N-Nitroso-di-n-propylamine
Concen: 20.717 ng/ul
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 101629

Ion	Ratio	Lower	Upper
70	100		
42	67.1	76.0	114.0#
101	10.0	6.7	10.1
130	20.0	14.6	22.0

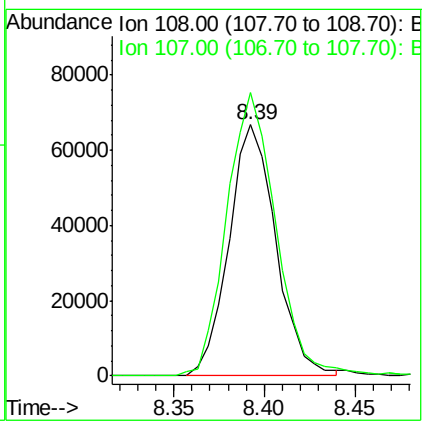


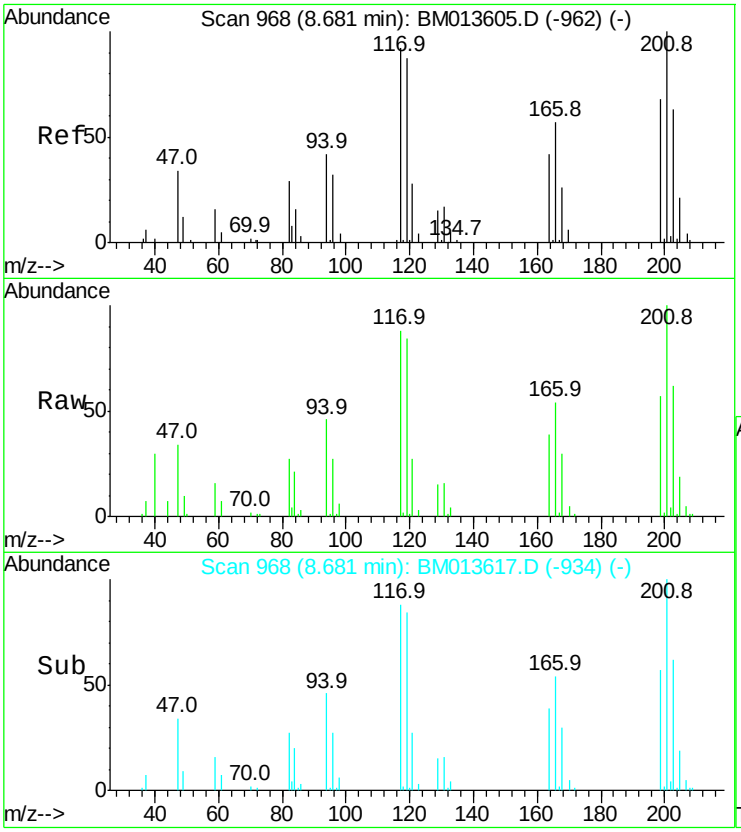


#16
4-Methylphenol
Concen: 19.273 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:108 Resp: 120434

Ion	Ratio	Lower	Upper
108	100		
107	112.8	84.9	127.3



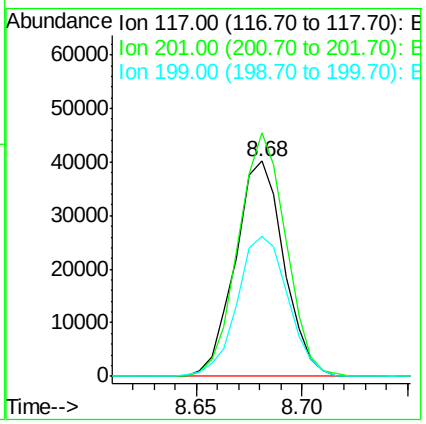


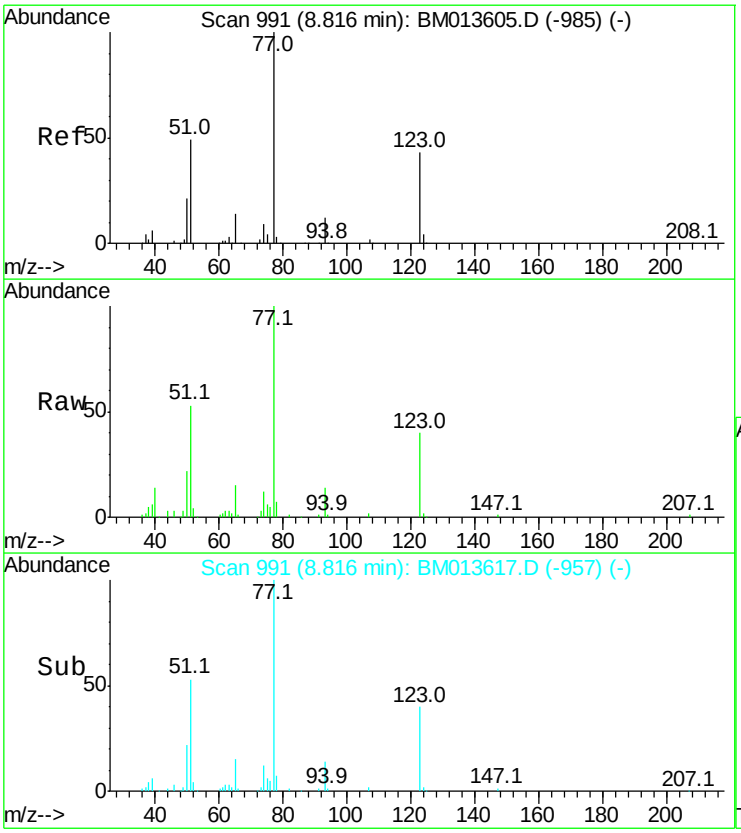
#17
Hexachloroethane
Concen: 20.560 ng/ul
RT: 8.68 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 64242

Ion	Ratio	Lower	Upper
117	100		
201	113.1	111.6	167.4
199	64.9	67.8	101.6#

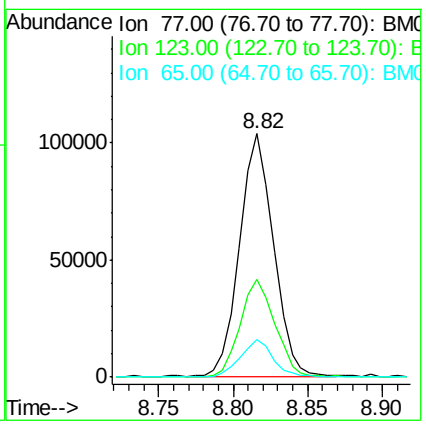


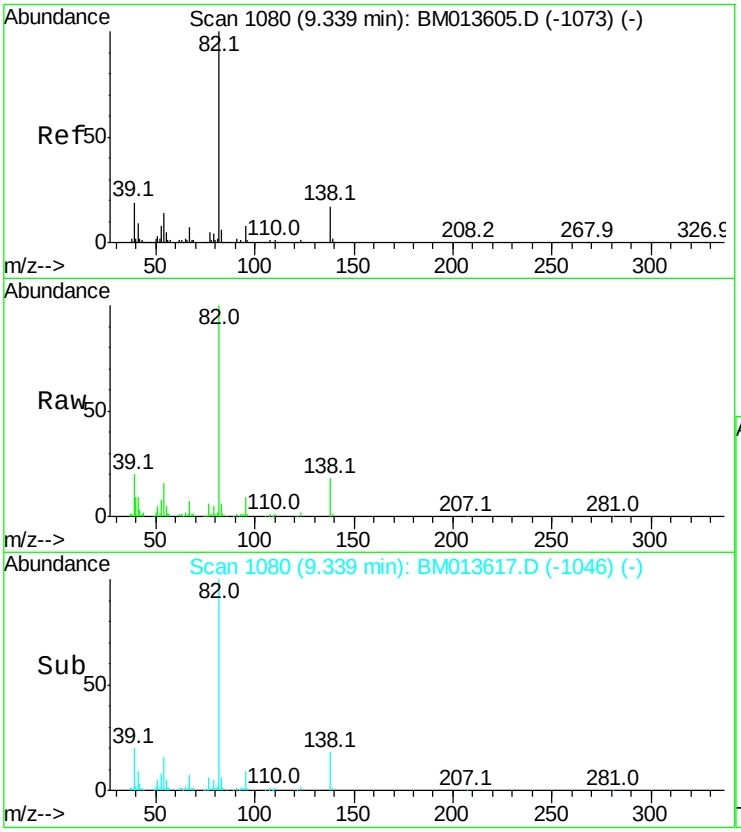


#20
Nitrobenzene
Concen: 20.235 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion: 77 Resp: 164880

Ion	Ratio	Lower	Upper
77	100		
123	40.1	31.0	46.6
65	15.4	12.2	18.2

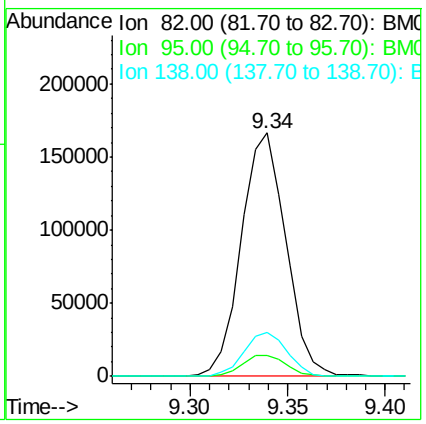




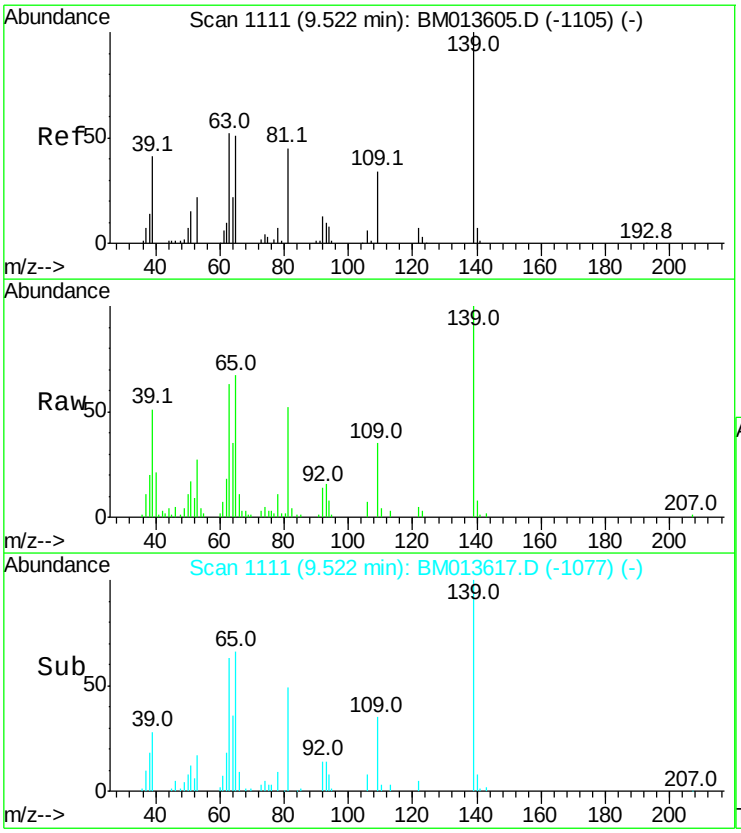
#21
Isophorone
Concen: 20.013 ng/ul
RT: 9.34 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion: 82 Resp: 263481

Ion	Ratio	Lower	Upper
82	100		
95	8.6	7.8	11.8
138	18.1	11.9	17.9#



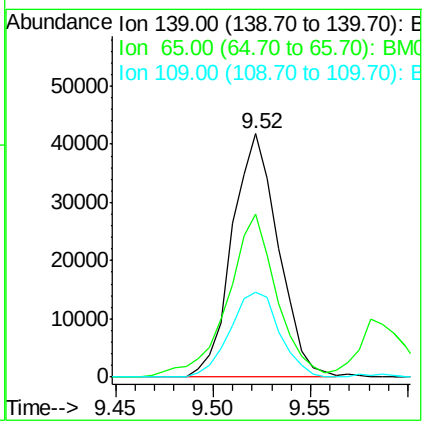
Instrument :
BNA_M
ClientSampleId :

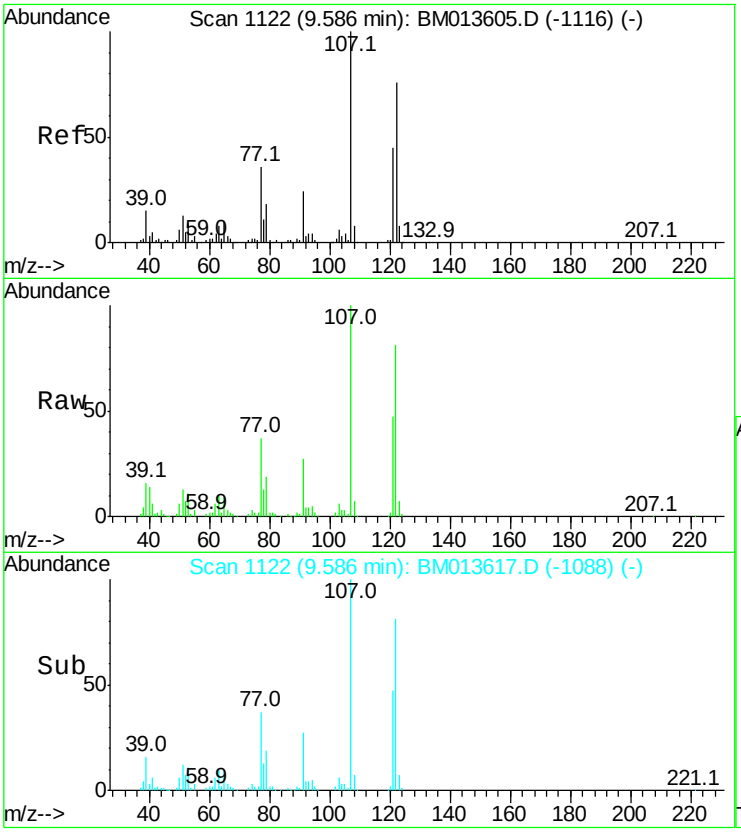


#23
2-Nitrophenol
Concen: 19.725 ng/ul
RT: 9.52 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:139 Resp: 68516

Ion	Ratio	Lower	Upper
139	100		
65	66.7	55.4	83.0
109	34.7	42.2	63.2#



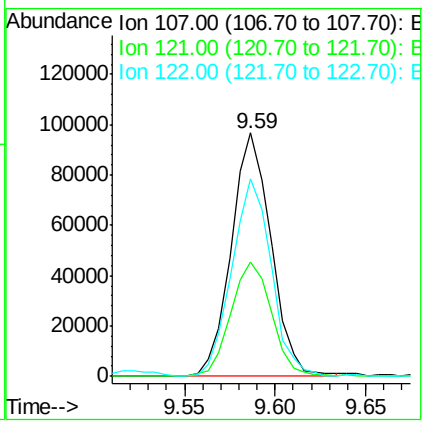


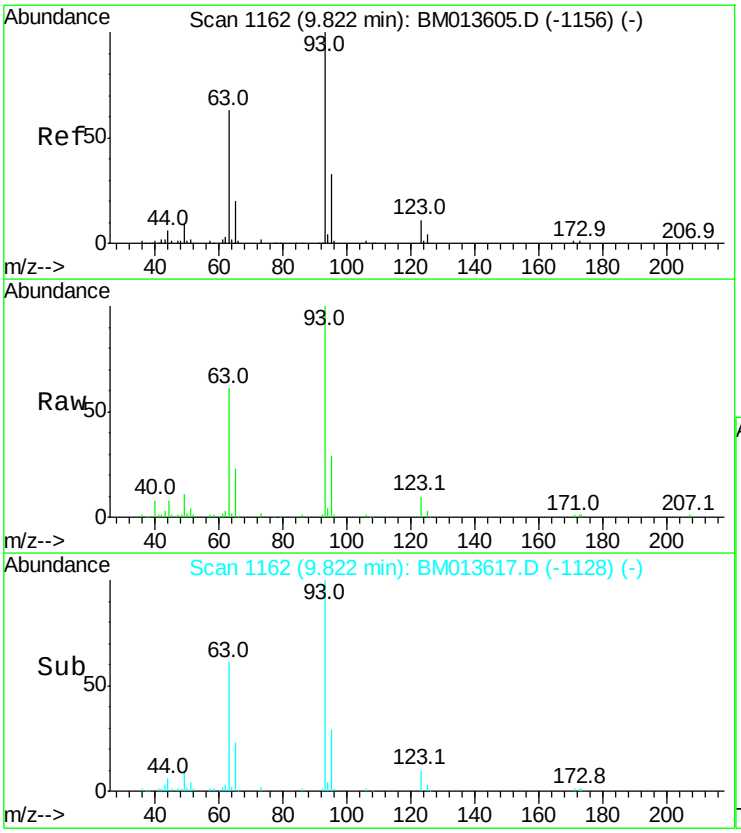
#24
2,4-Dimethylphenol
Concen: 20.206 ng/ul
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 147970

Ion	Ratio	Lower	Upper
107	100		
121	47.1	31.9	47.9
122	81.4	57.8	86.6

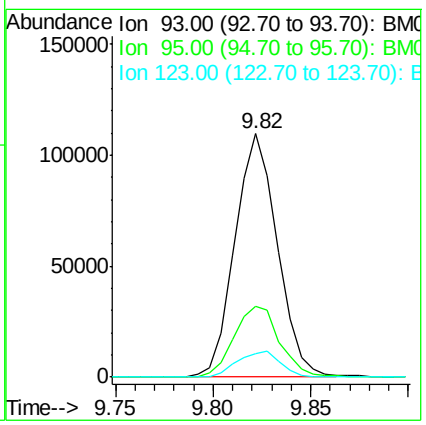


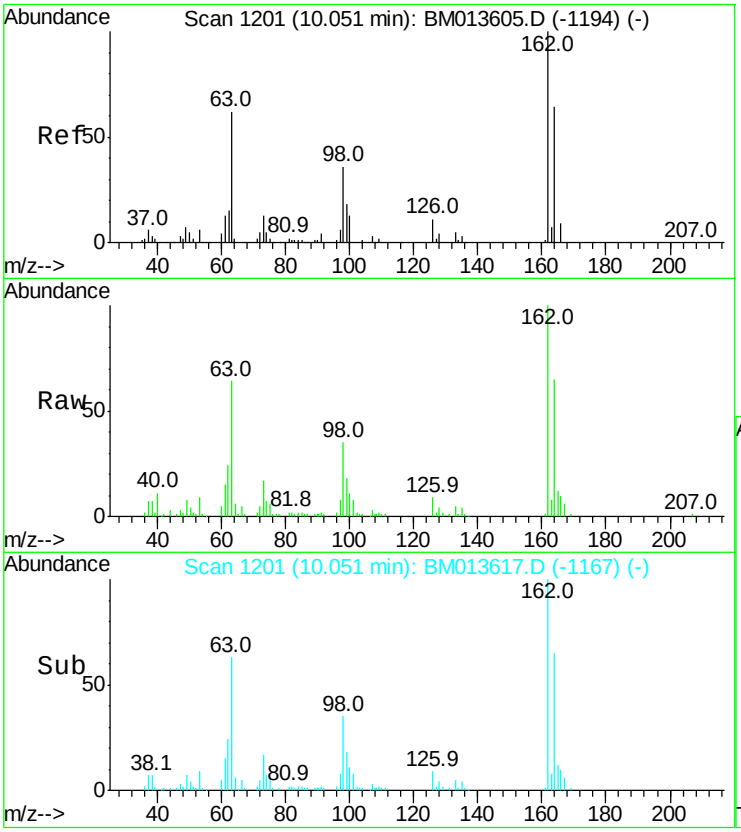


#25
Bis(2-Chloroethoxy)methane
Concen: 20.493 ng/ul
RT: 9.82 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion: 93 Resp: 164476

Ion	Ratio	Lower	Upper
93	100		
95	29.3	28.5	42.7
123	9.6	8.9	13.3



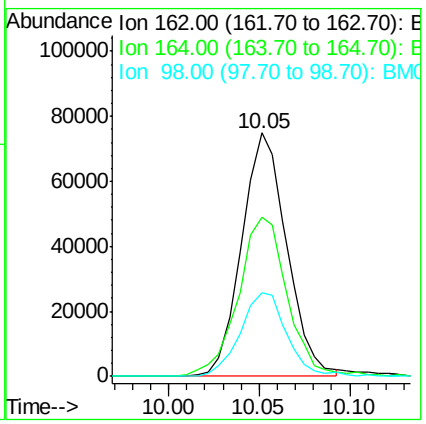


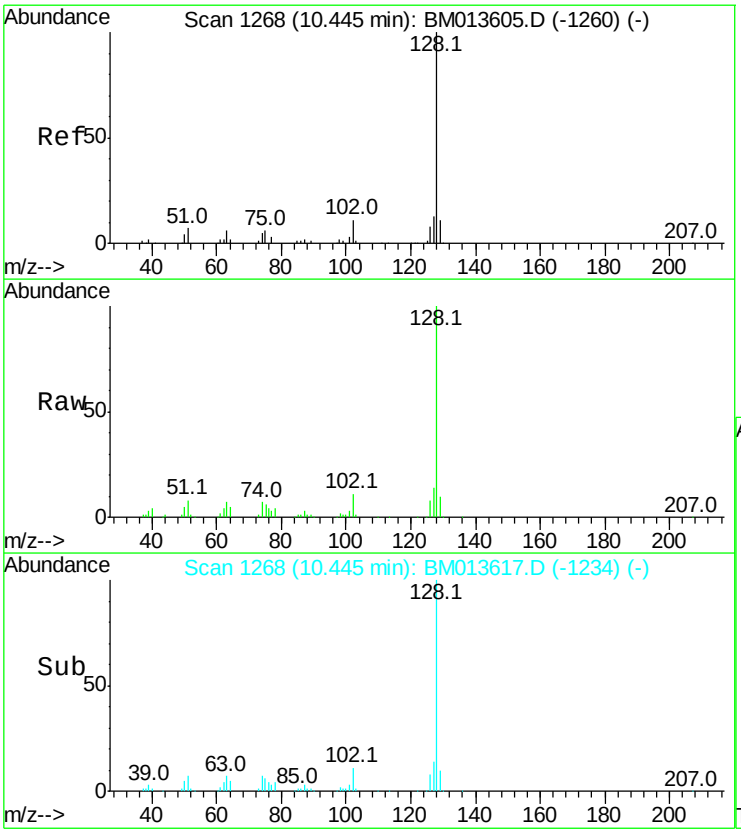
#27
2,4-Dichlorophenol
Concen: 20.841 ng/ul
RT: 10.05 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 129322

Ion	Ratio	Lower	Upper
162	100		
164	65.1	47.8	71.6
98	34.6	23.0	34.4#

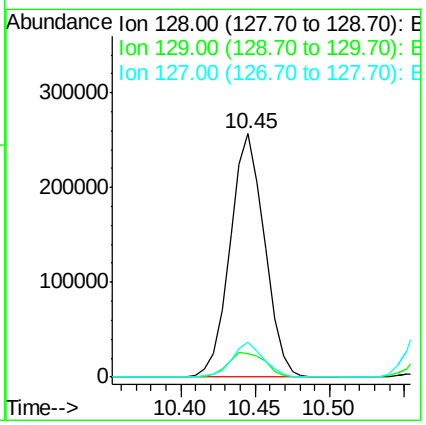


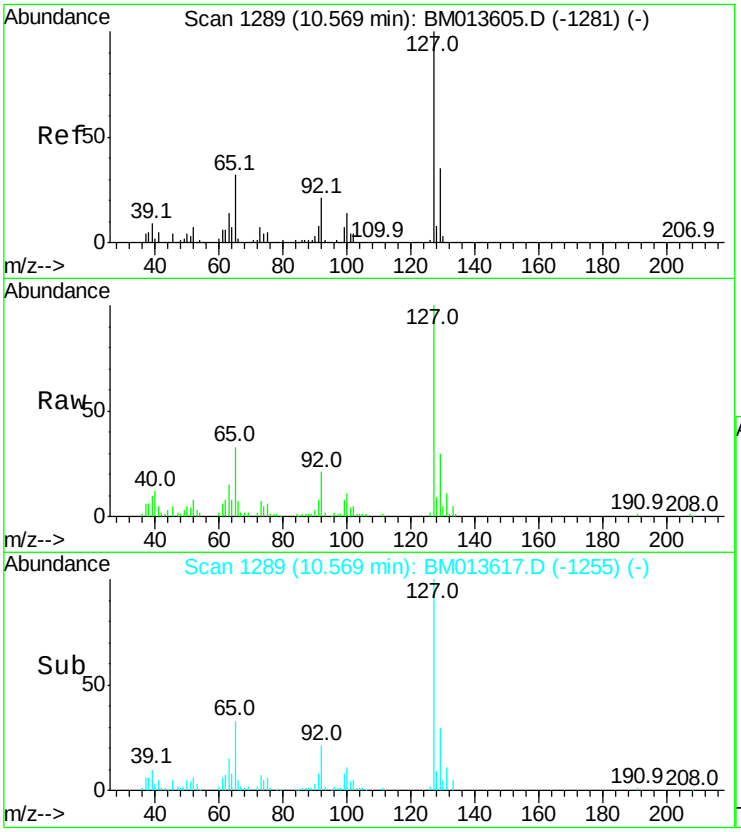


#28
Naphthalene
Concen: 20.458 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:128 Resp: 413721

Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.8	13.2
127	14.4	10.6	16.0



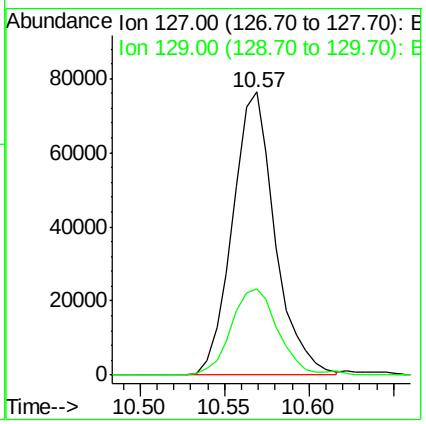


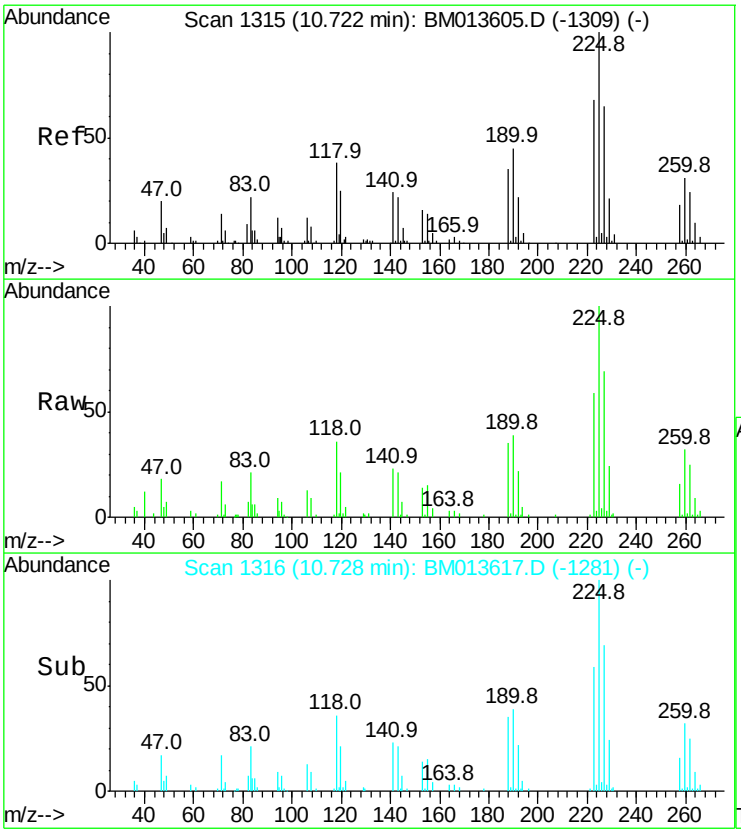
#30
4-Chloroaniline
Concen: 24.134 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 133682

Ion	Ratio	Lower	Upper
127	100		
129	30.3	28.4	42.6

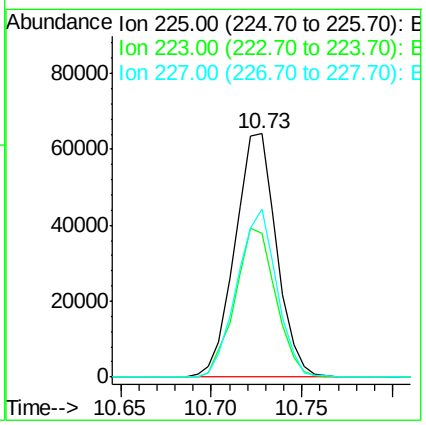


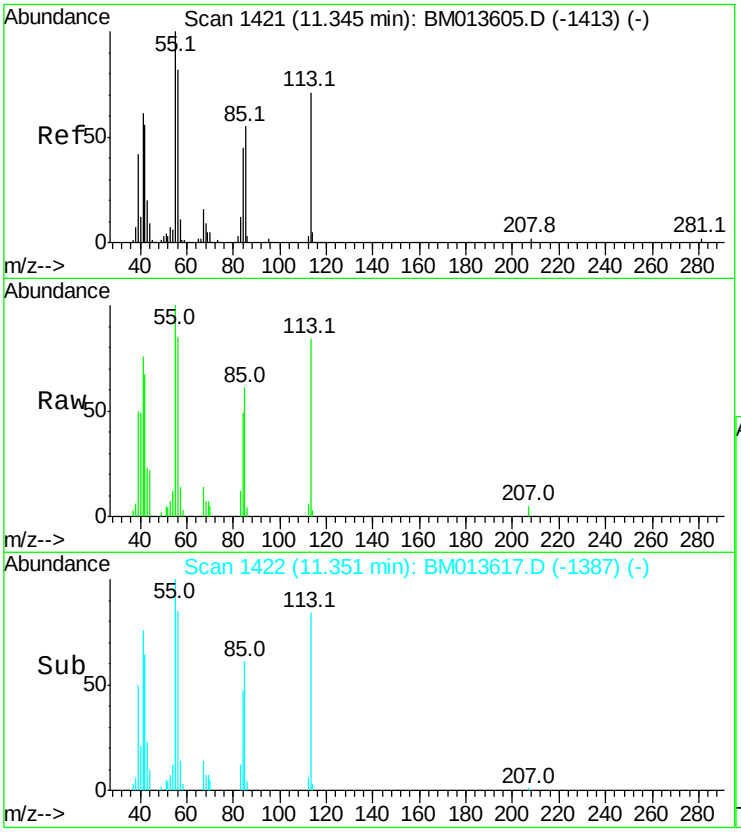


#31
Hexachlorobutadiene
Concen: 20.054 ng/ul
RT: 10.73 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:225 Resp: 102147

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.2
227	68.9	45.4	68.2#



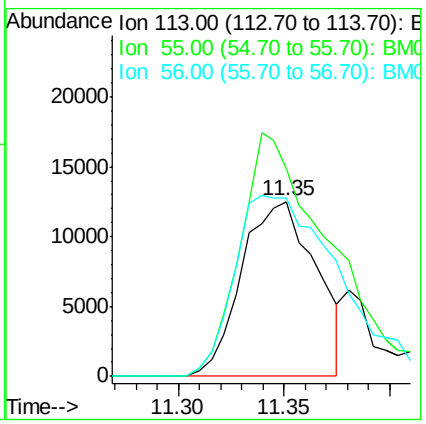


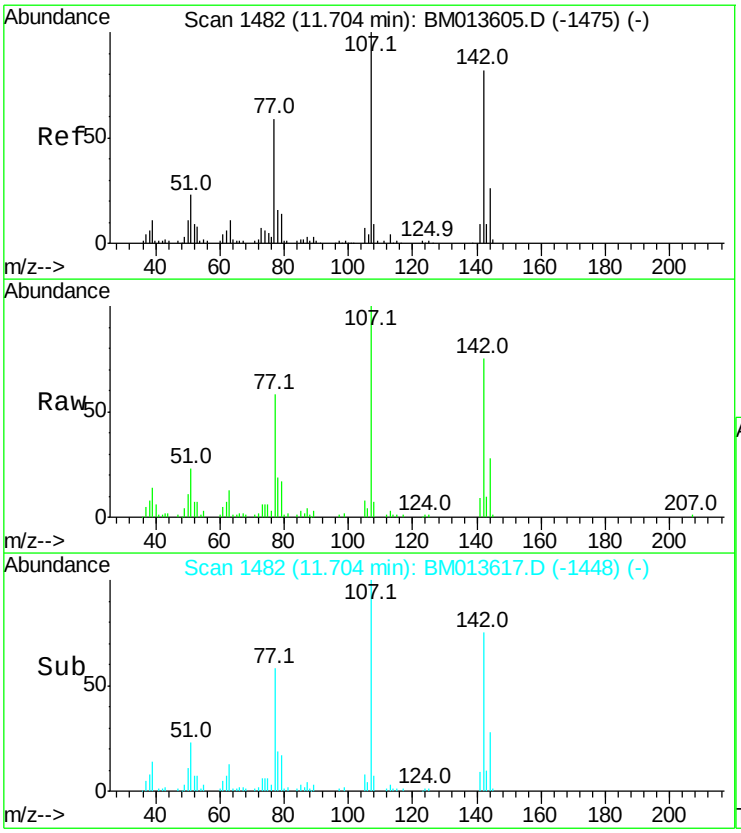
#32
Caprolactam
Concen: 17.686 ng/ul
RT: 11.35 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 30530

Ion	Ratio	Lower	Upper
113	100		
55	119.1	208.0	312.0#
56	101.8	160.0	240.0#

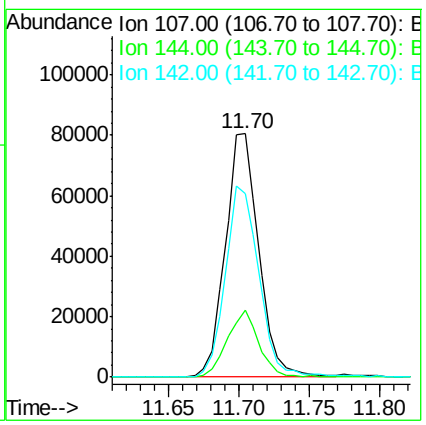


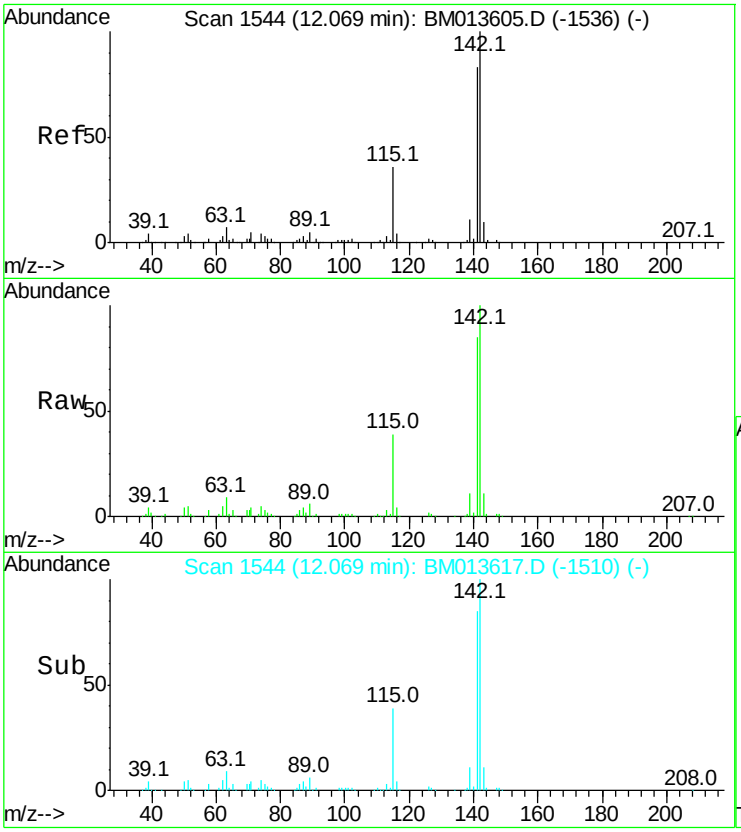


#33
4-Chloro-3-methylphenol
Concen: 21.147 ng/ul
RT: 11.70 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:107 Resp: 133021

Ion	Ratio	Lower	Upper
107	100		
144	27.6	20.4	30.6
142	75.3	60.5	90.7



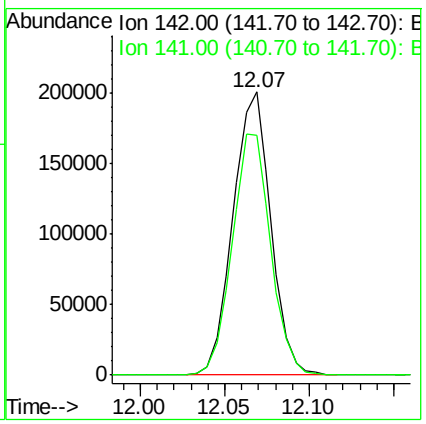


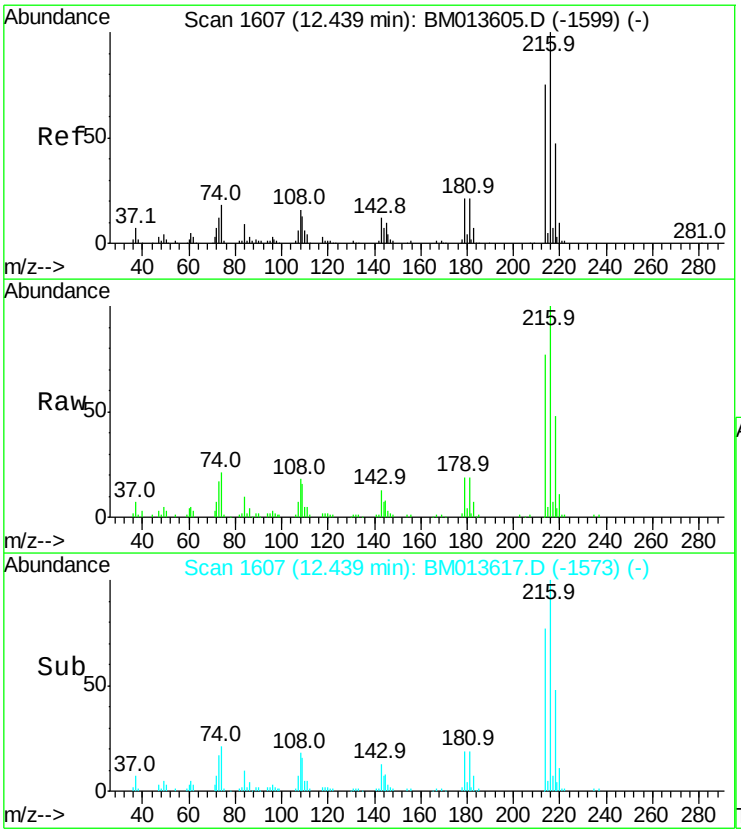
#34
2-Methylnaphthalene
Concen: 20.712 ng/ul
RT: 12.07 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 312291

Ion	Ratio	Lower	Upper
142	100		
141	84.9	74.1	111.1

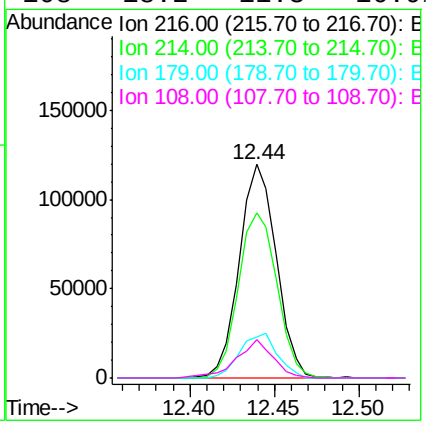


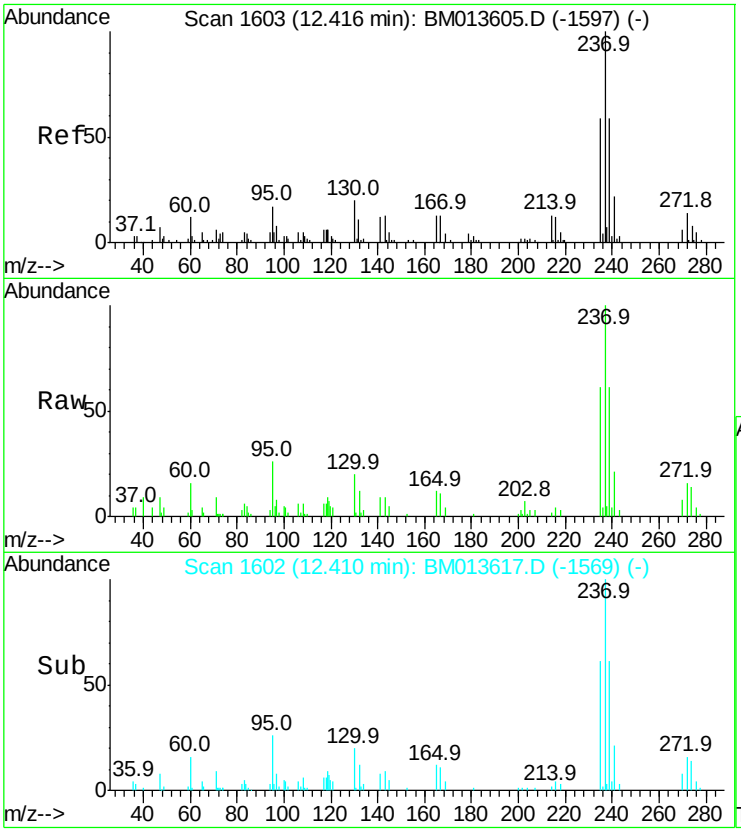


#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.222 ng/ul
RT: 12.44 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:216 Resp: 182825

Ion	Ratio	Lower	Upper
216	100		
214	77.5	60.6	90.8
179	19.4	17.5	26.3
108	18.2	11.3	16.9#



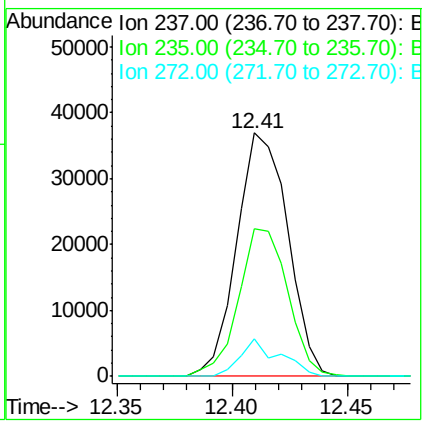


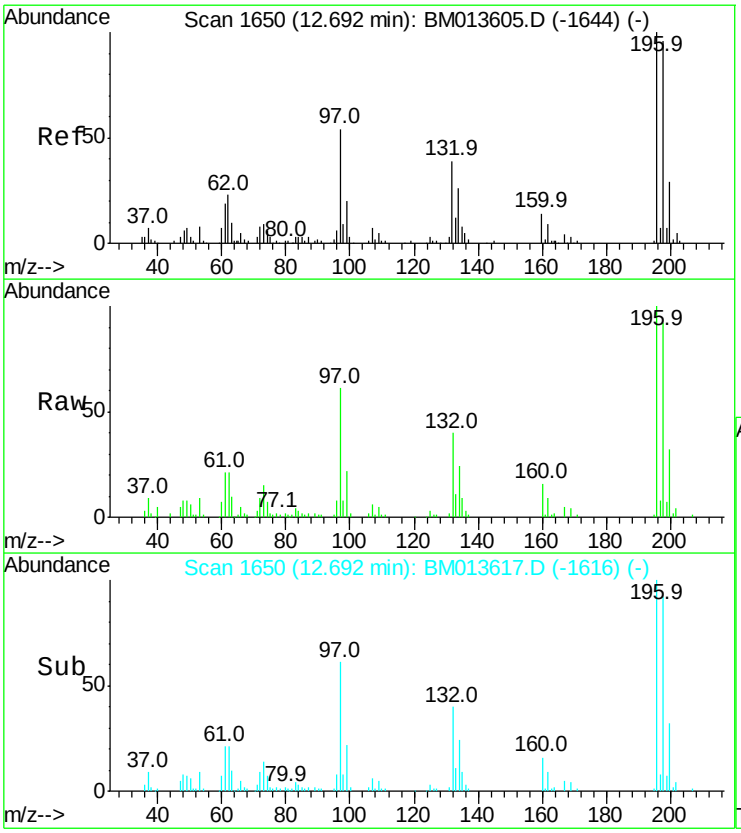
#37
Hexachlorocyclopentadiene
Concen: 15.147 ng/ul
RT: 12.41 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:237 Resp: 56853

Ion	Ratio	Lower	Upper
237	100		
235	60.7	50.2	75.4
272	15.6	11.0	16.6

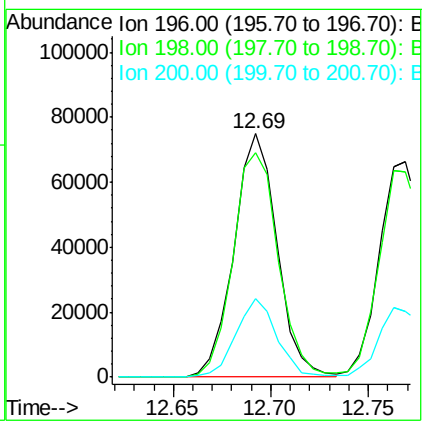


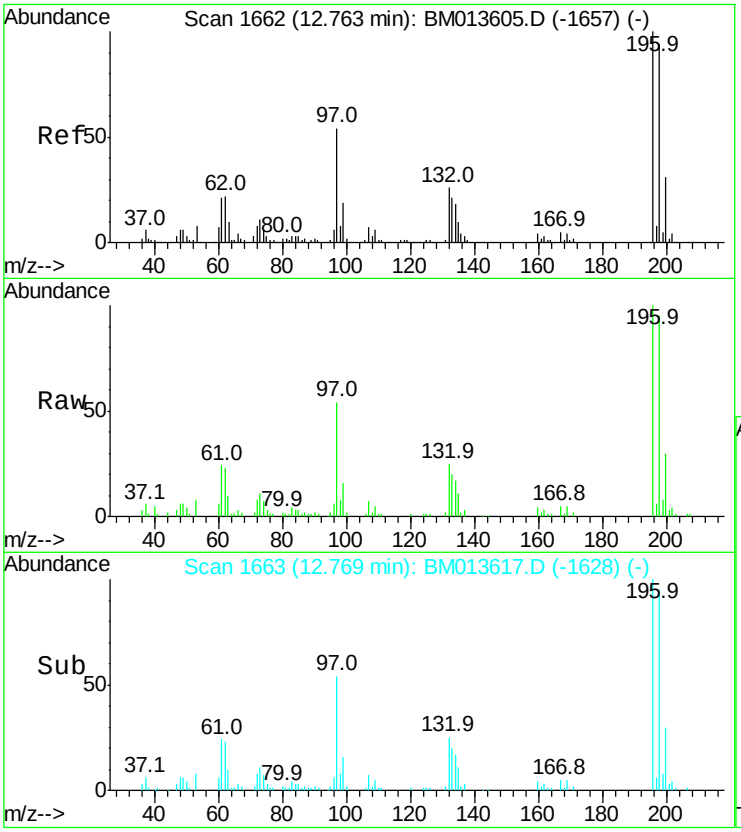


#38
2,4,6-Trichlorophenol
Concen: 21.899 ng/ul
RT: 12.69 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:196 Resp: 114602

Ion	Ratio	Lower	Upper
196	100		
198	92.1	74.1	111.1
200	32.0	25.2	37.8



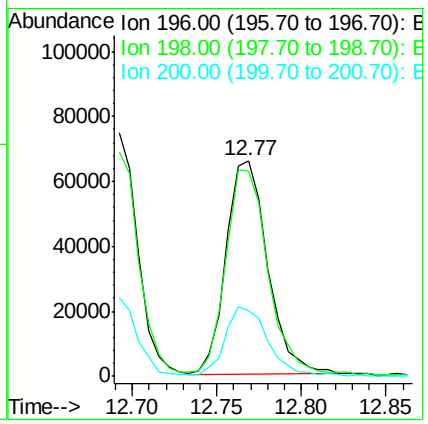


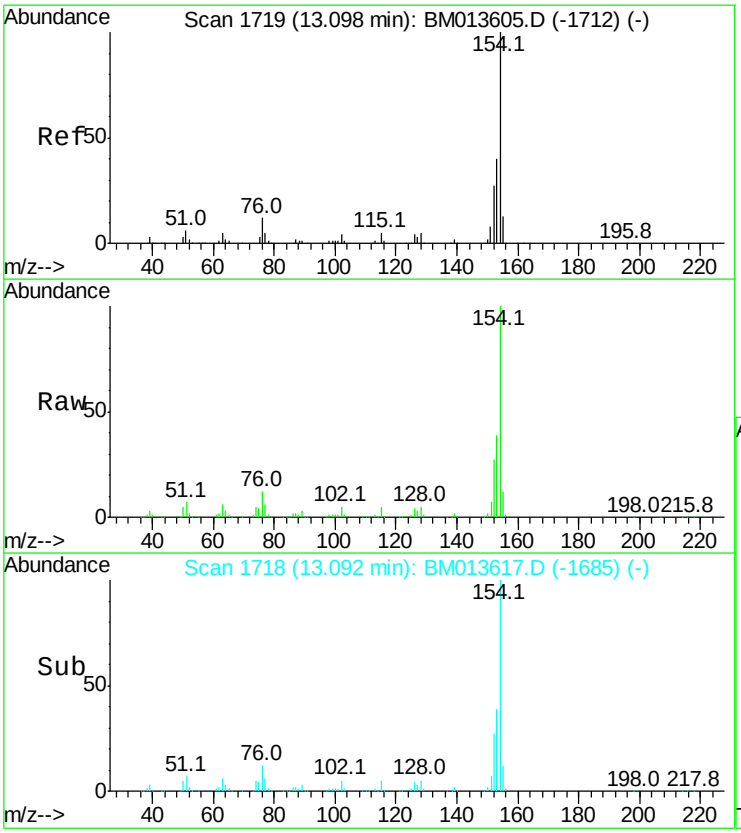
#39
2,4,5-Trichlorophenol
Concen: 20.697 ng/ul
RT: 12.77 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 112701

Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.6	113.4
200	30.4	25.5	38.3

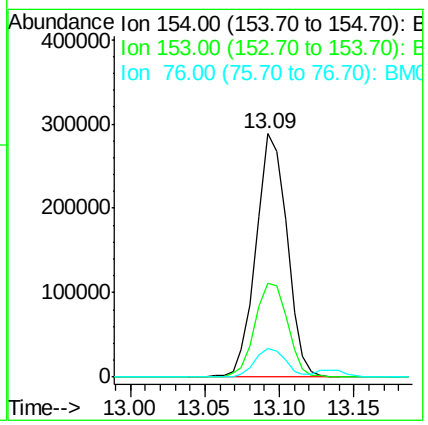


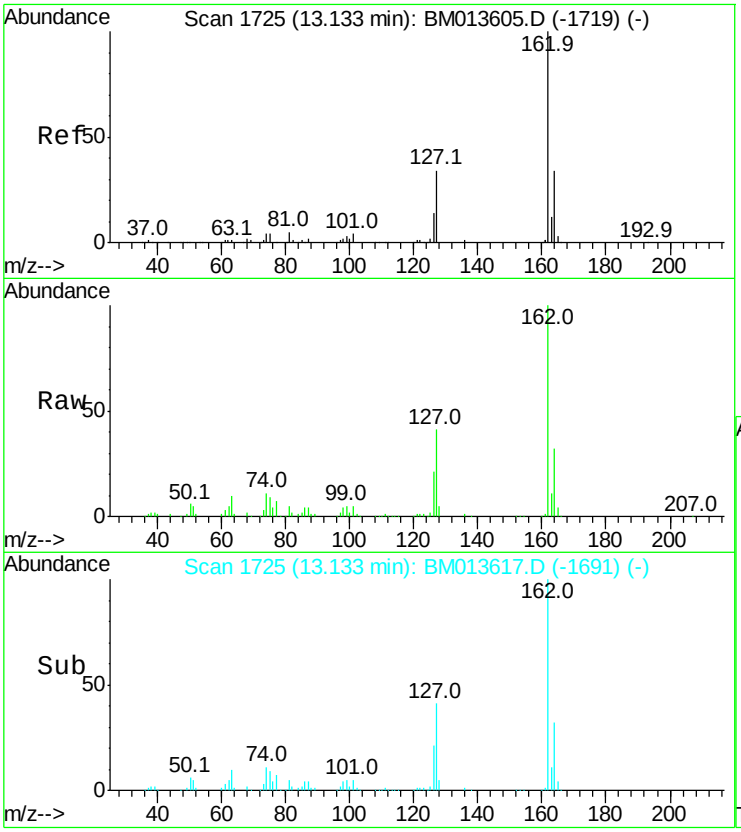


#40
1,1'-Biphenyl
Concen: 20.392 ng/ul
RT: 13.09 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:154 Resp: 414144

Ion	Ratio	Lower	Upper
154	100		
153	38.7	32.6	48.8
76	11.6	8.5	12.7



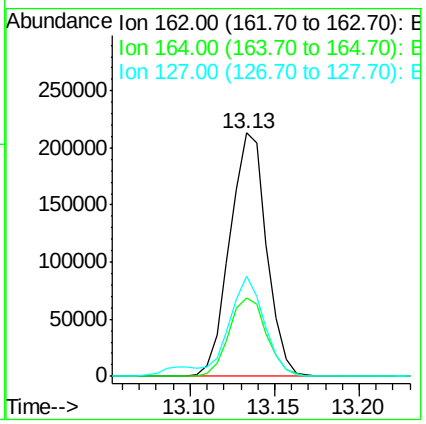


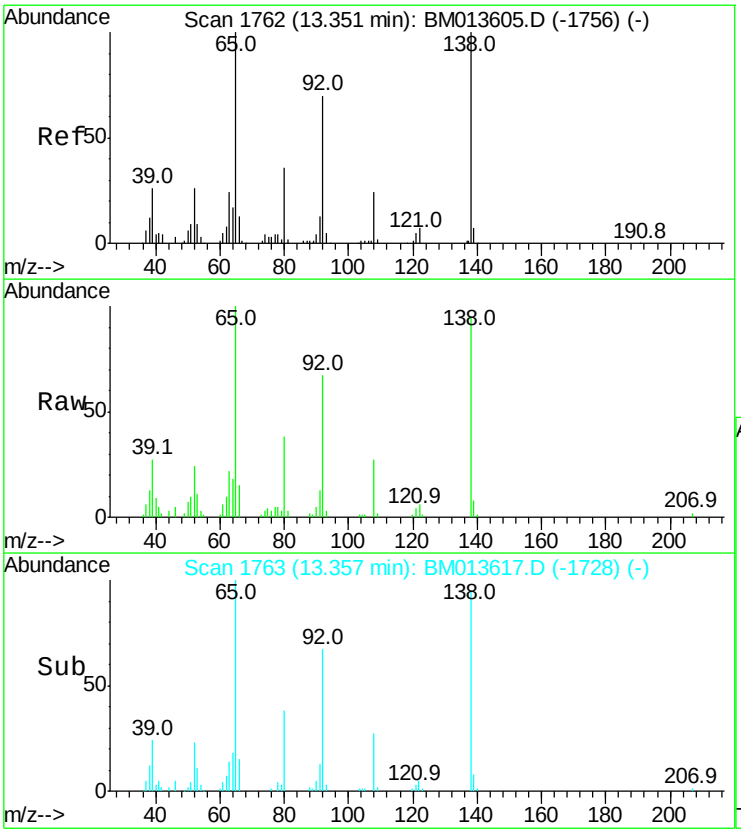
#41
2-Chloronaphthalene
Concen: 20.359 ng/ul
RT: 13.13 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 323228

Ion	Ratio	Lower	Upper
162	100		
164	32.5	25.9	38.9
127	40.9	29.4	44.2

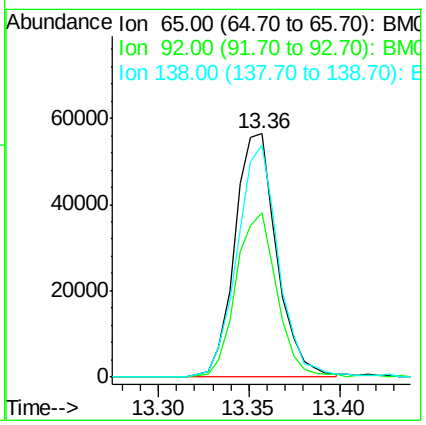


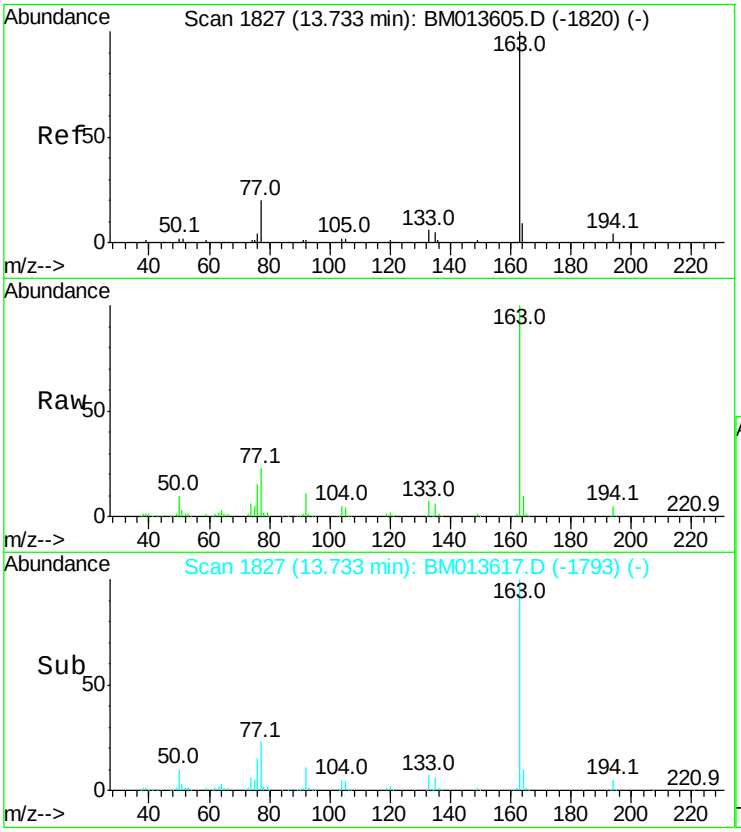


#42
2-Nitroaniline
Concen: 20.687 ng/ul
RT: 13.36 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion: 65 Resp: 90598

Ion	Ratio	Lower	Upper
65	100		
92	67.3	51.8	77.6
138	95.5	74.2	111.4



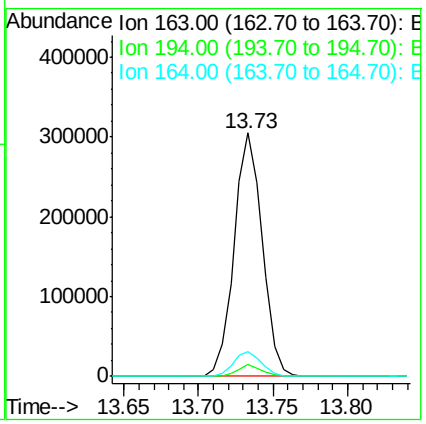


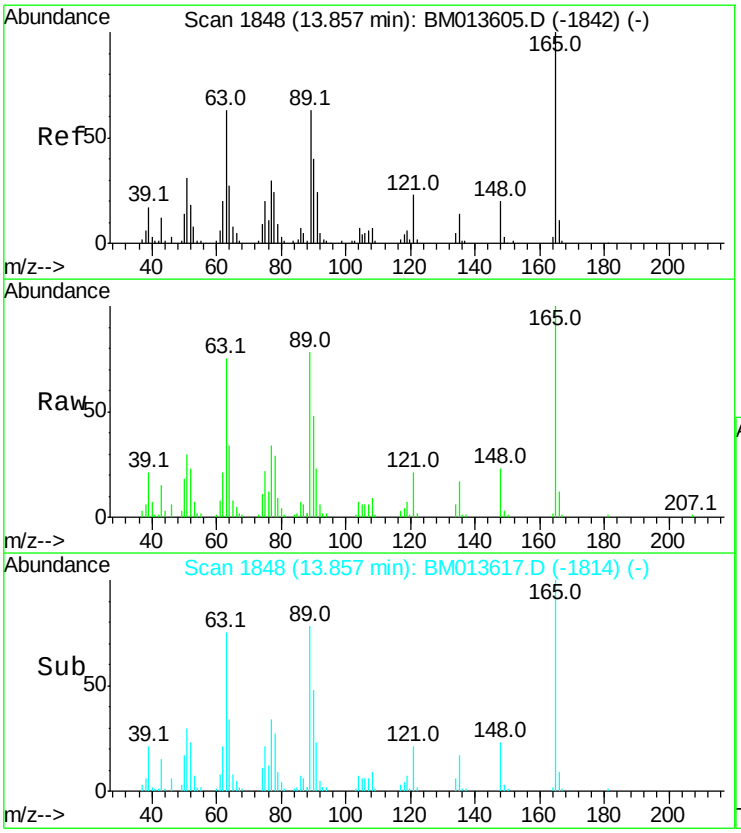
#44
Dimethylphthalate
Concen: 20.296 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 401280

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.2	8.2	12.4

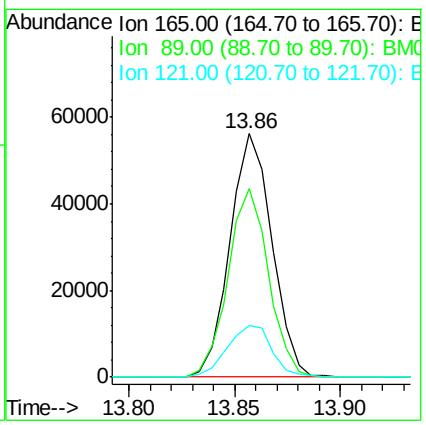


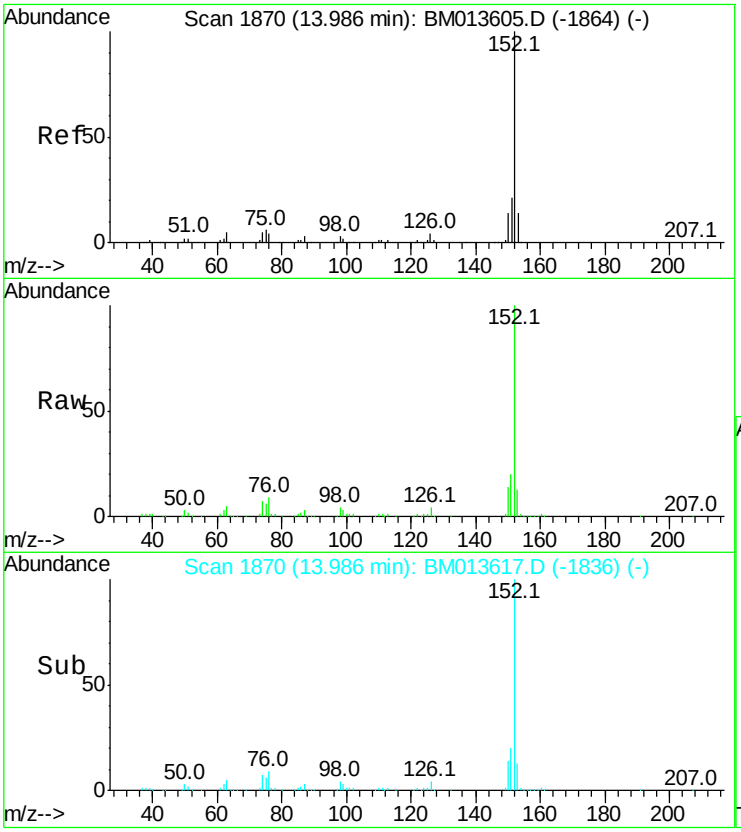


#45
2,6-Dinitrotoluene
Concen: 20.245 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:165 Resp: 77569

Ion	Ratio	Lower	Upper
165	100		
89	77.7	52.6	79.0
121	21.4	14.6	22.0



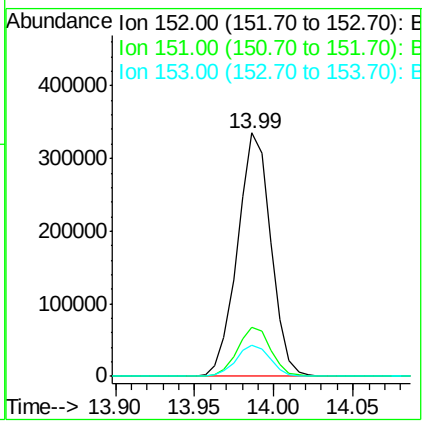


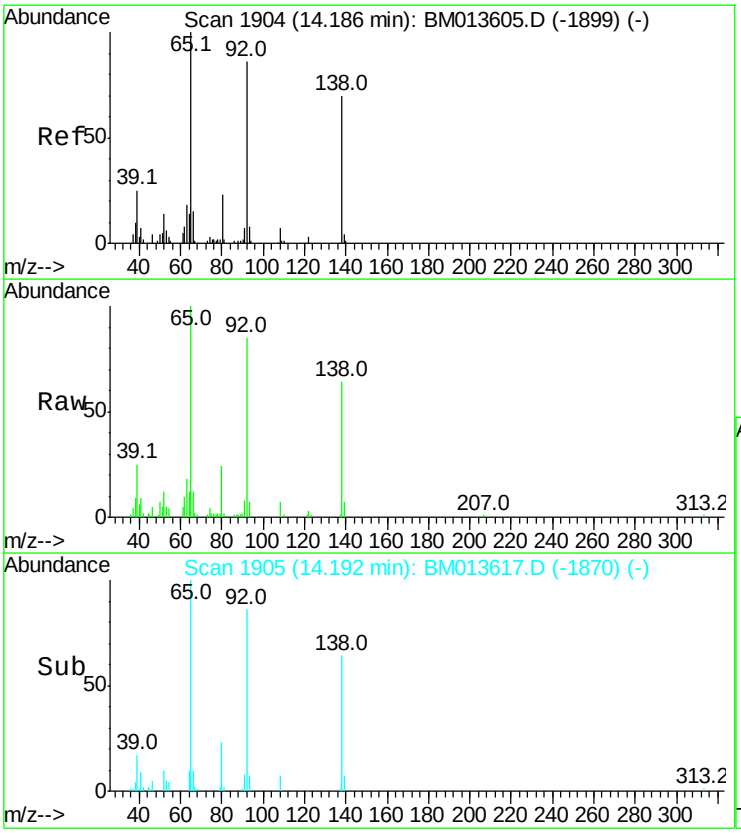
#47
Acenaphthylene
Concen: 20.808 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 488210

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.8	10.2	15.4

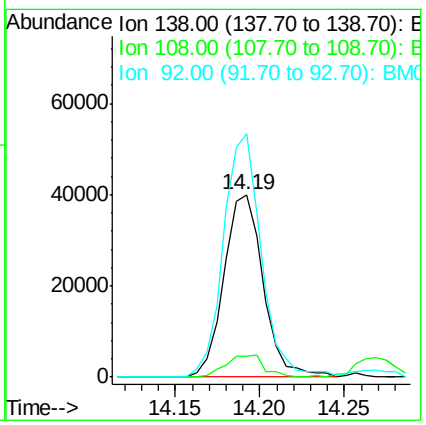


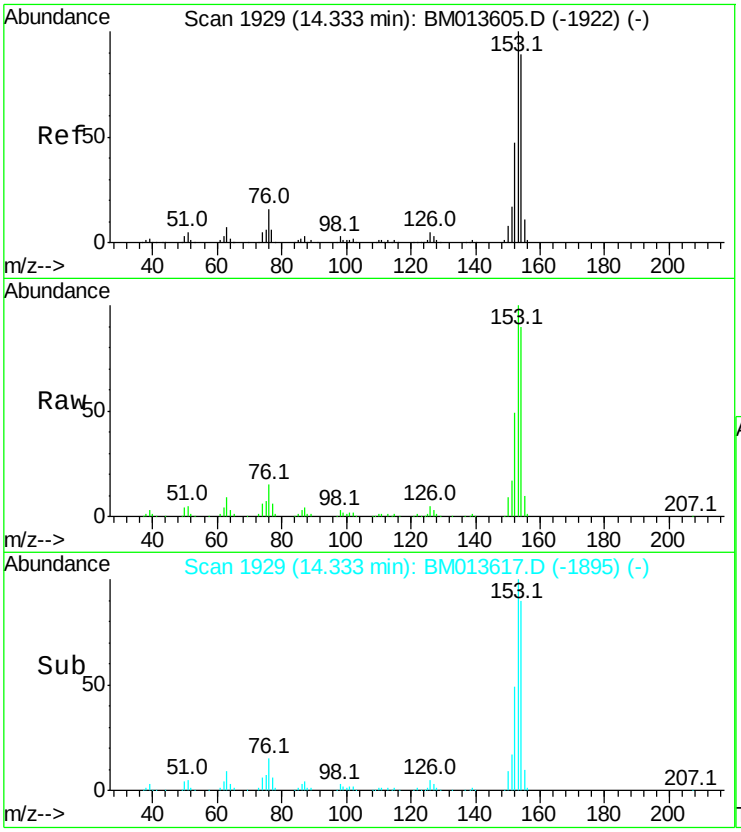


#48
3-Nitroaniline
Concen: 21.501 ng/ul
RT: 14.19 min Scan# 1905
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:138 Resp: 64788

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.9	14.9
92	133.3	105.0	157.4



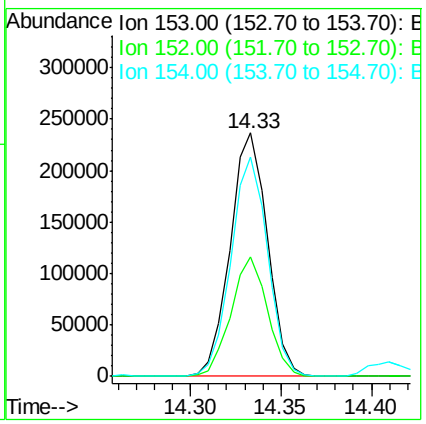


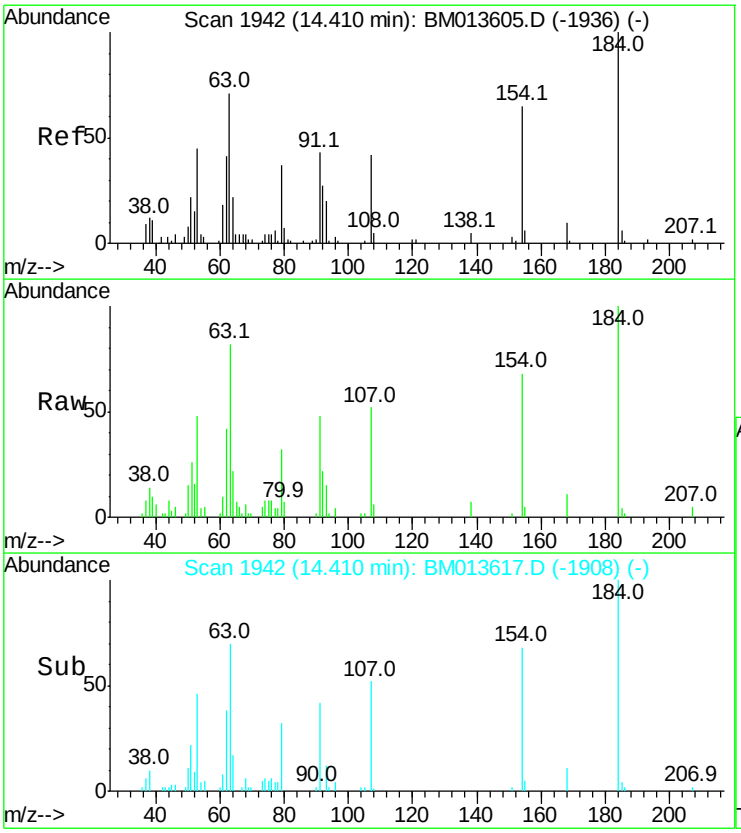
#49
Acenaphthene
Concen: 20.847 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 338758

Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.6	56.4
154	90.3	70.4	105.6

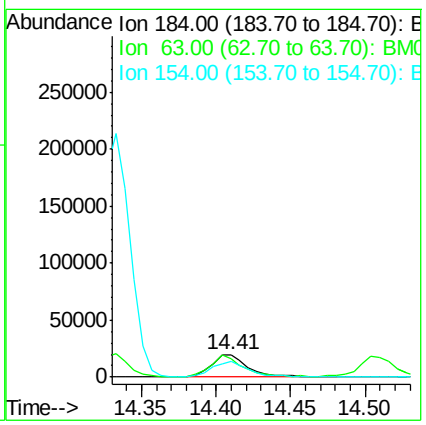


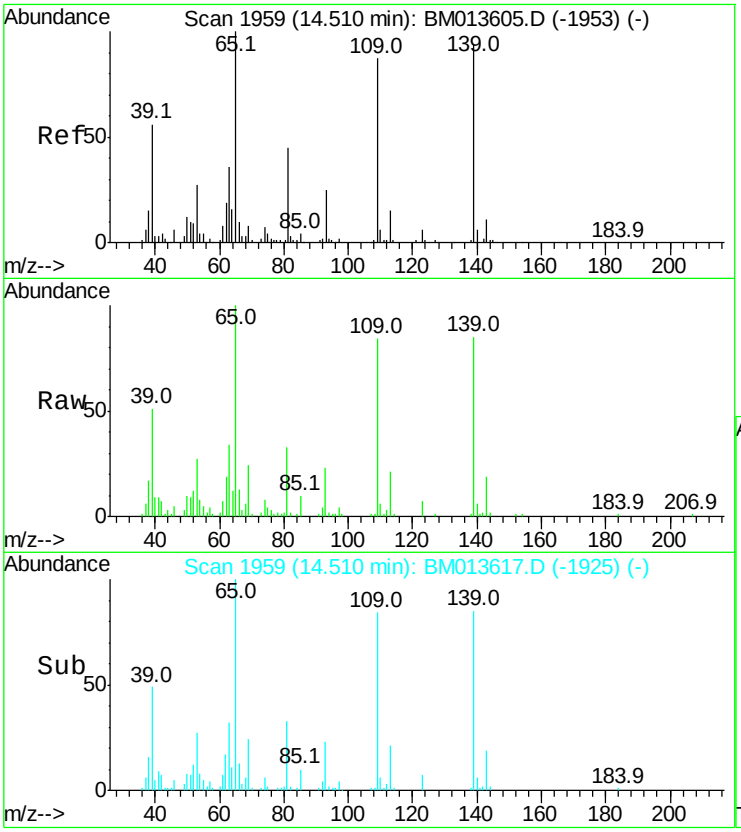


#50
2,4-Dinitrophenol
Concen: 15.554 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:184 Resp: 34163

Ion	Ratio	Lower	Upper
184	100		
63	81.7	50.1	75.1#
154	67.8	54.5	81.7



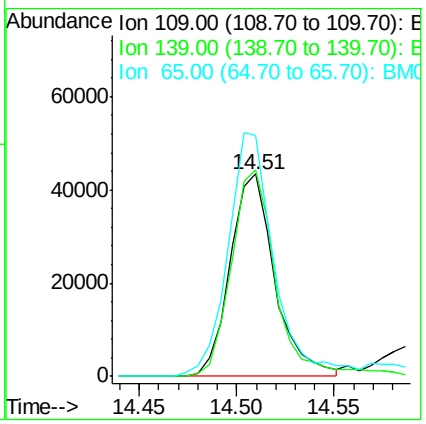


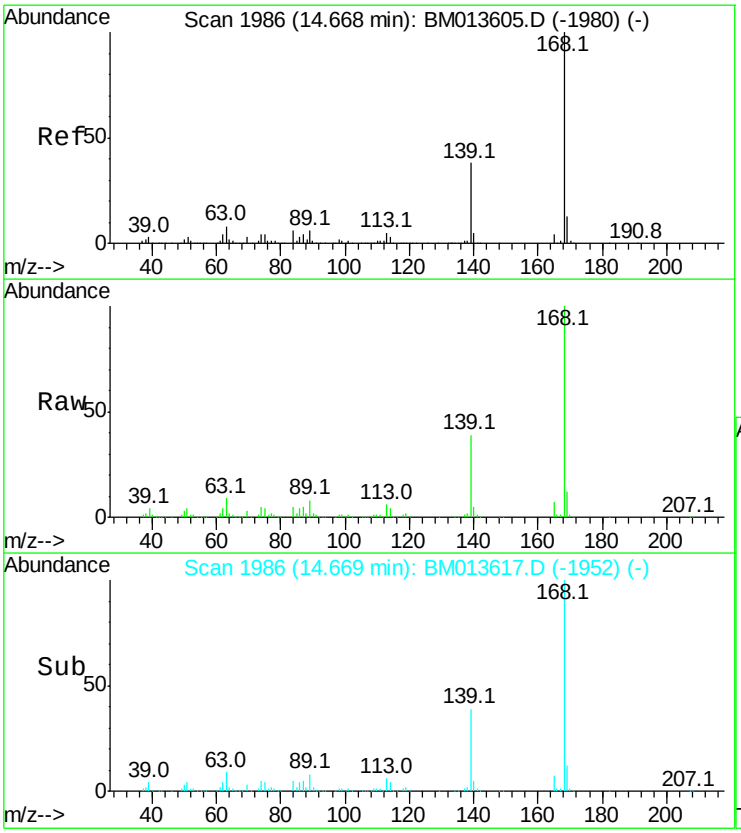
#52
4-Nitrophenol
Concen: 20.744 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 68867

Ion	Ratio	Lower	Upper
109	100		
139	101.8	80.0	120.0
65	119.3	120.0	180.0#

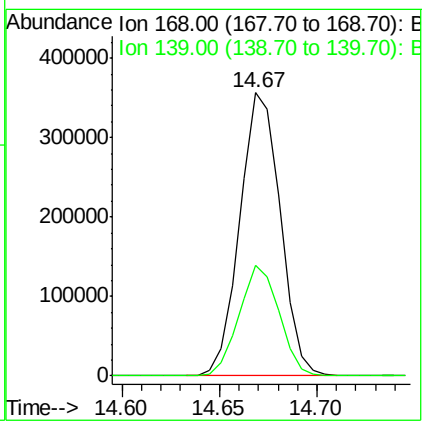


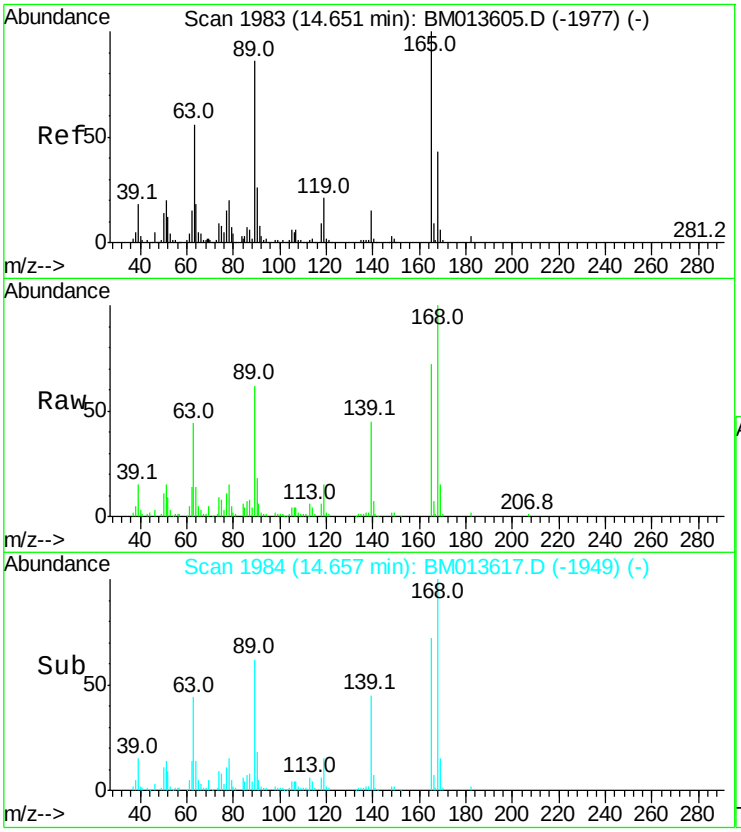


#53
Dibenzofuran
Concen: 20.972 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:168 Resp: 512680

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.8	46.2



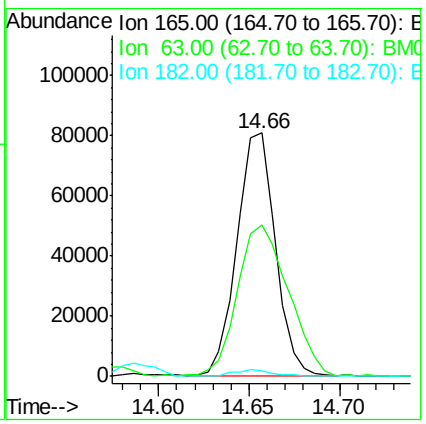


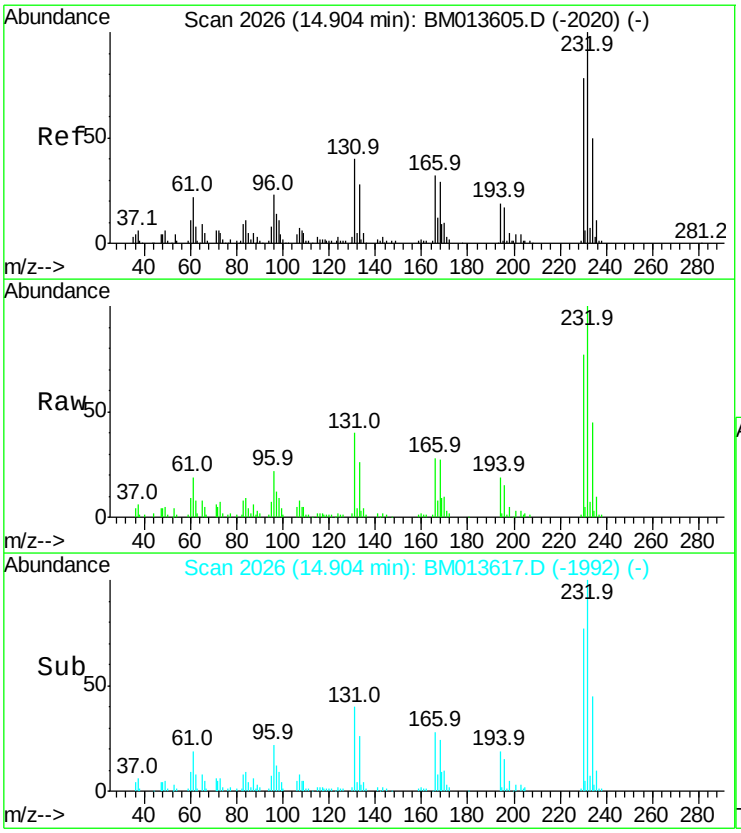
#54
2,4-Dinitrotoluene
Concen: 21.420 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 119635

Ion	Ratio	Lower	Upper
165	100		
63	62.1	45.8	68.8
182	2.4	2.6	4.0#

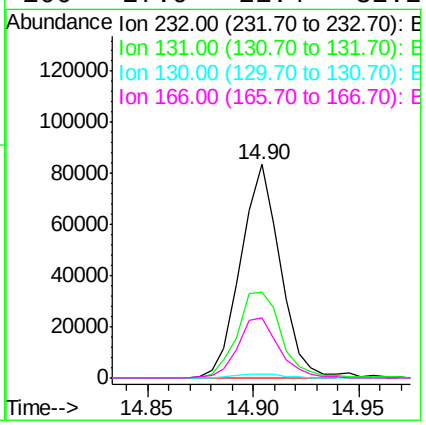


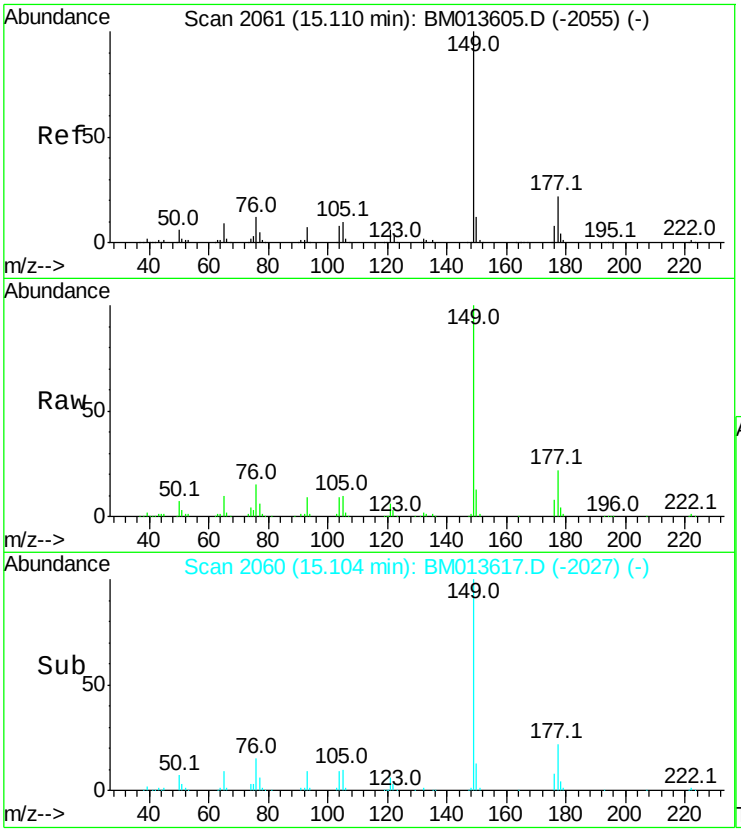


#55
2,3,4,6-Tetrachlorophenol
Concen: 21.282 ng/ul
RT: 14.90 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:232 Resp: 109003

Ion	Ratio	Lower	Upper
232	100		
131	40.1	29.0	43.4
130	2.0	2.0	3.0
166	27.9	21.4	32.2



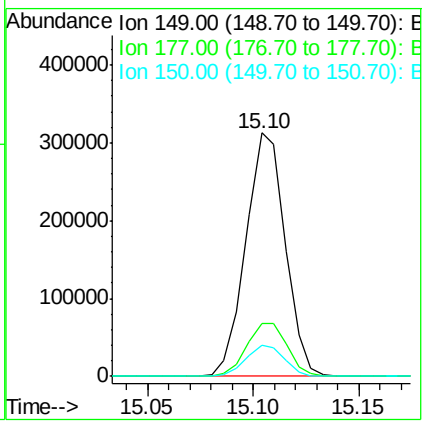


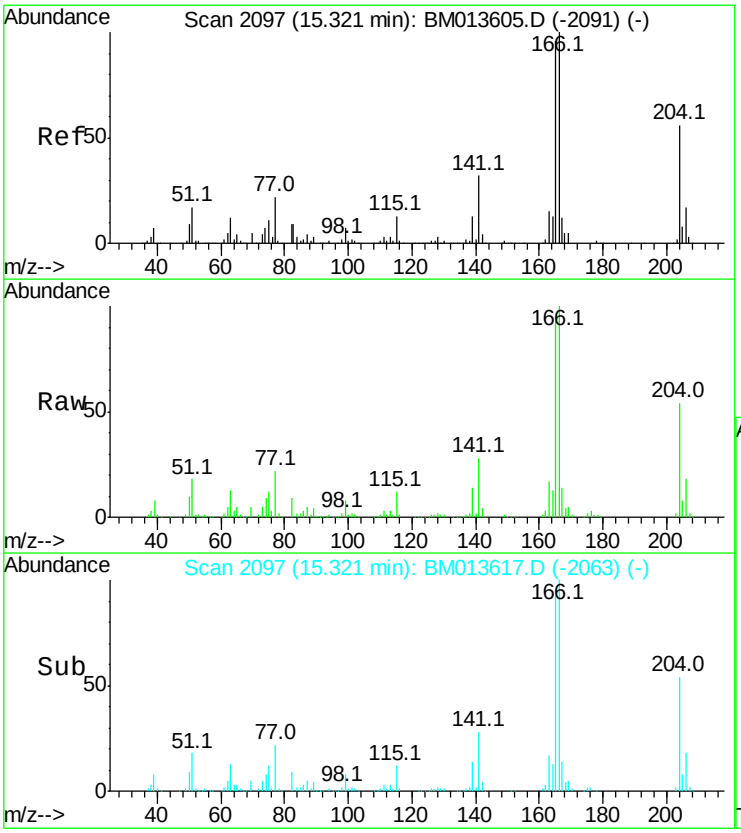
#56
Diethylphthalate
Concen: 20.450 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 406908

Ion	Ratio	Lower	Upper
149	100		
177	21.9	20.5	30.7
150	12.8	10.6	15.8

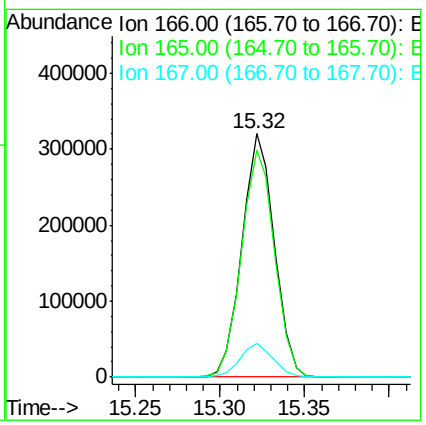


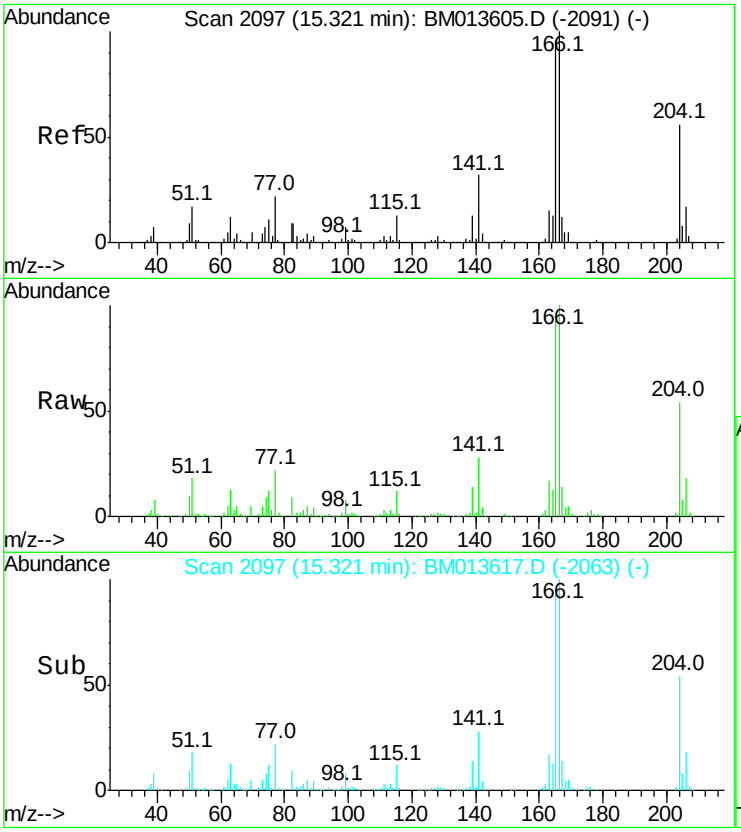


#58
Fluorene
Concen: 21.351 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:166 Resp: 427550

Ion	Ratio	Lower	Upper
166	100		
165	93.3	77.9	116.9
167	13.9	10.6	16.0



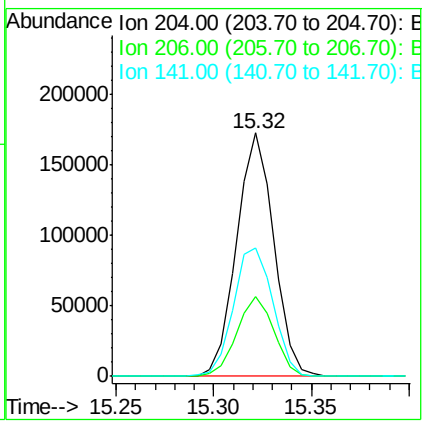


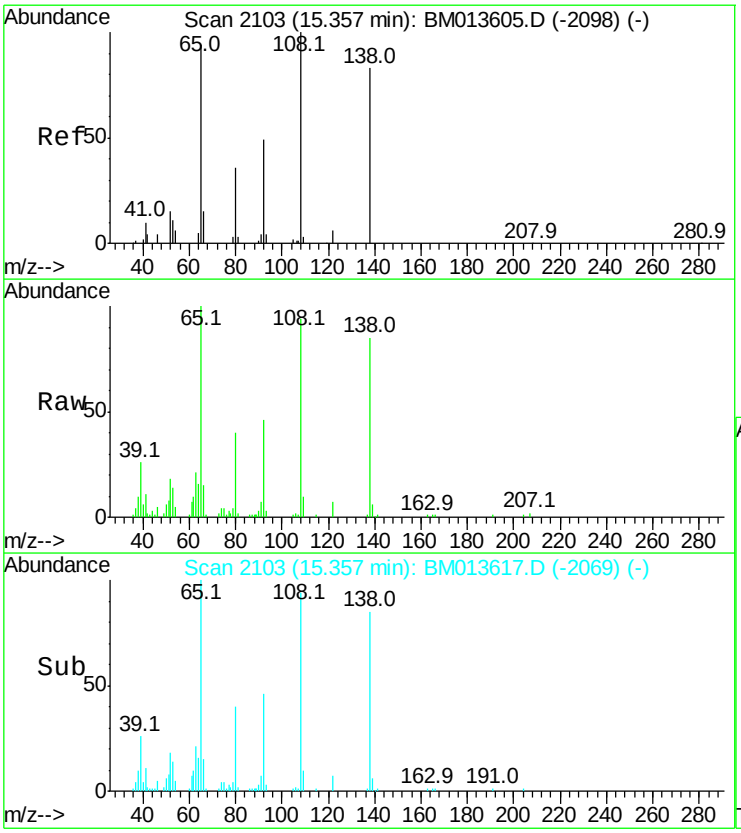
#59
4-Chlorophenyl-phenylether
Concen: 21.020 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:204 Resp: 227440

Ion	Ratio	Lower	Upper
204	100		
206	32.6	24.8	37.2
141	53.0	44.3	66.5

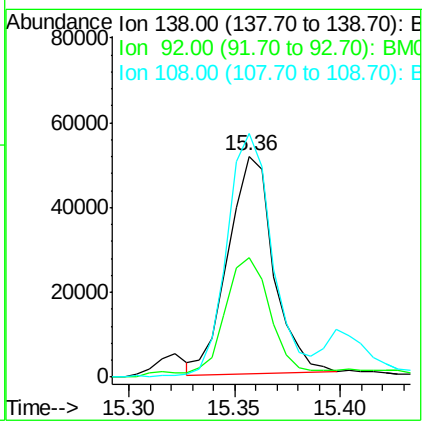


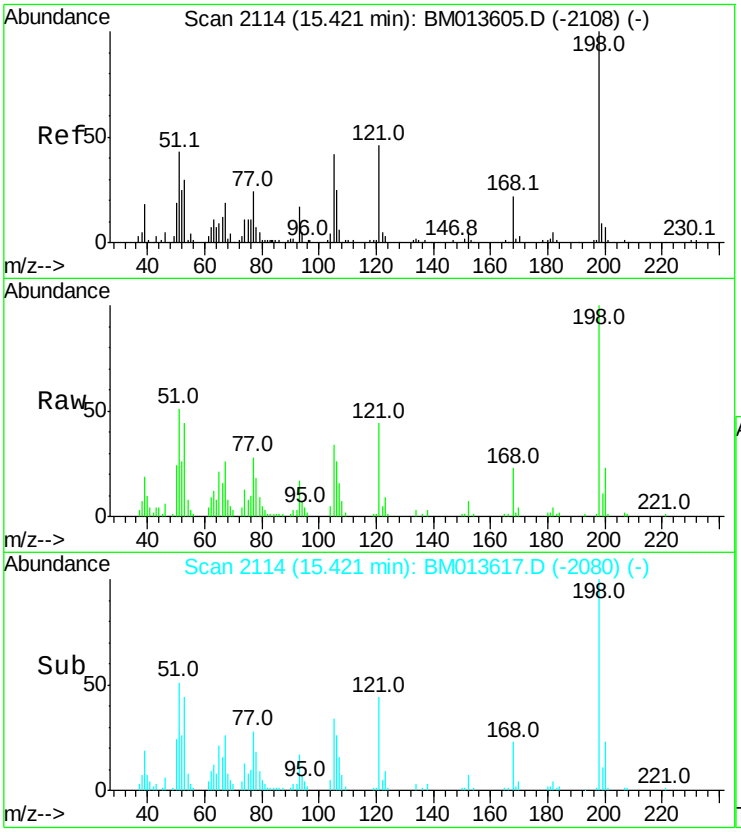


#60
4-Nitroaniline
Concen: 21.794 ng/ul
RT: 15.36 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:138 Resp: 76839

Ion	Ratio	Lower	Upper
138	100		
92	53.9	40.0	60.0
108	110.3	80.0	120.0



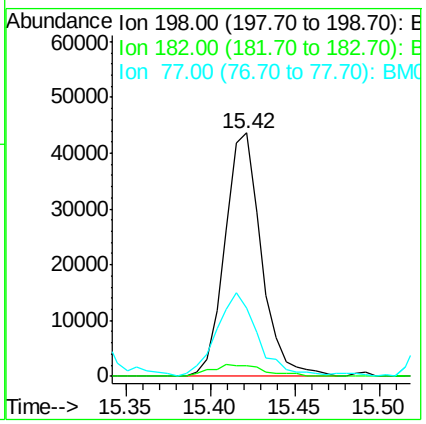


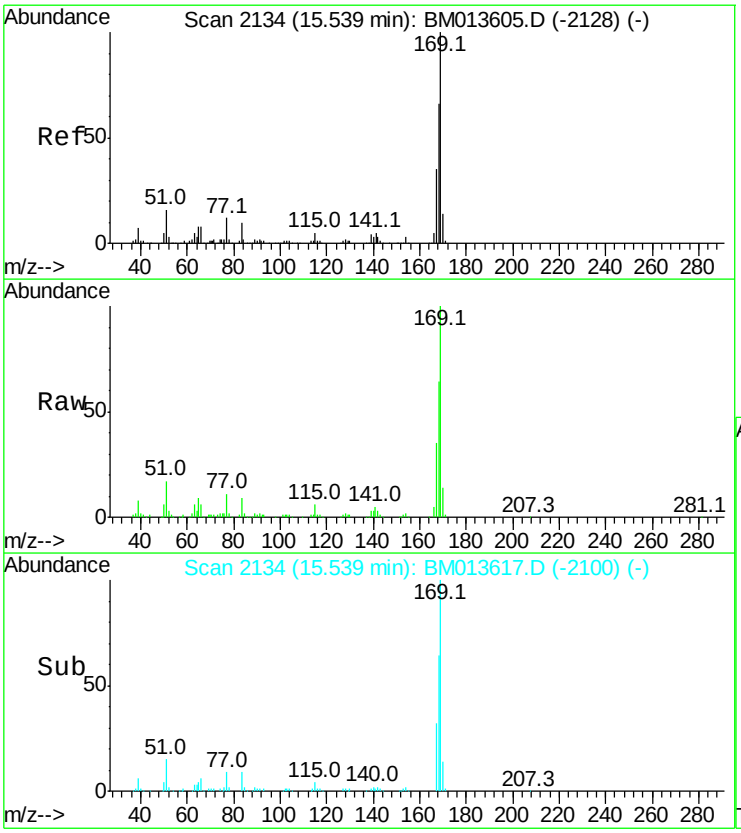
#63
4,6-Dinitro-2-methylphenol
Concen: 17.145 ng/ul
RT: 15.42 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 65570

Ion	Ratio	Lower	Upper
198	100		
182	4.3	3.8	5.6
77	28.1	25.2	37.8

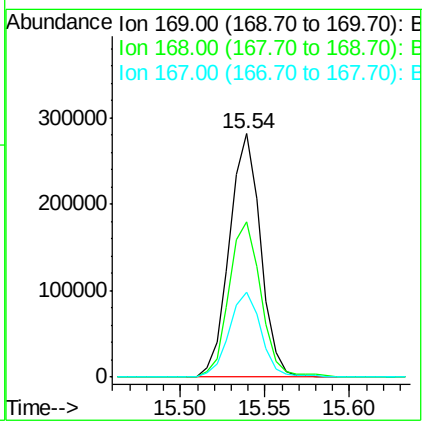


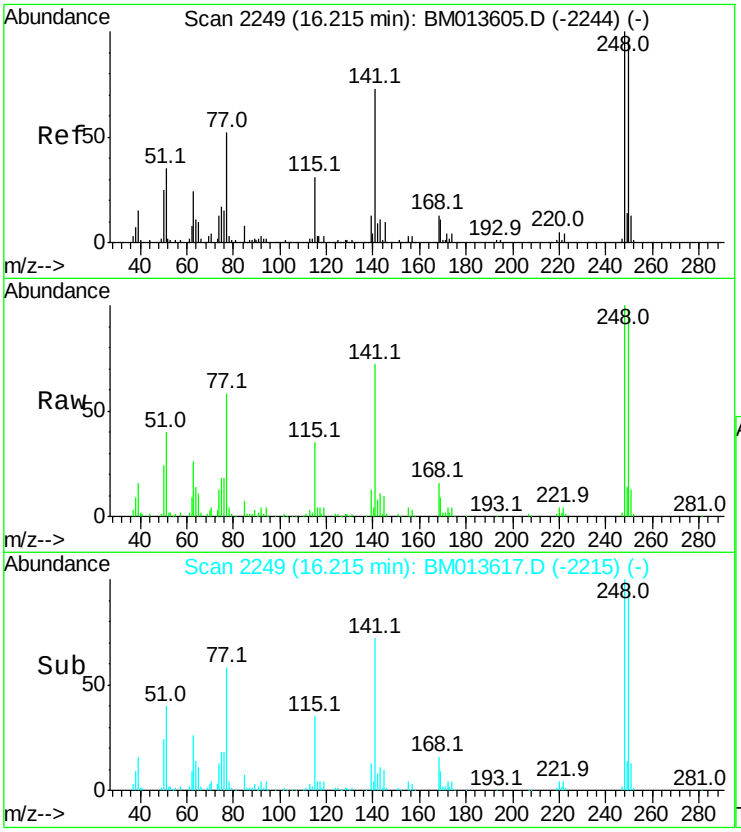


#64
N-Nitrosodiphenylamine
Concen: 20.404 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:169 Resp: 361227

Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.0	81.0
167	34.9	29.1	43.7



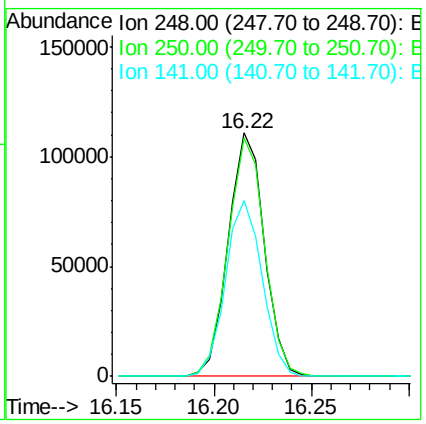


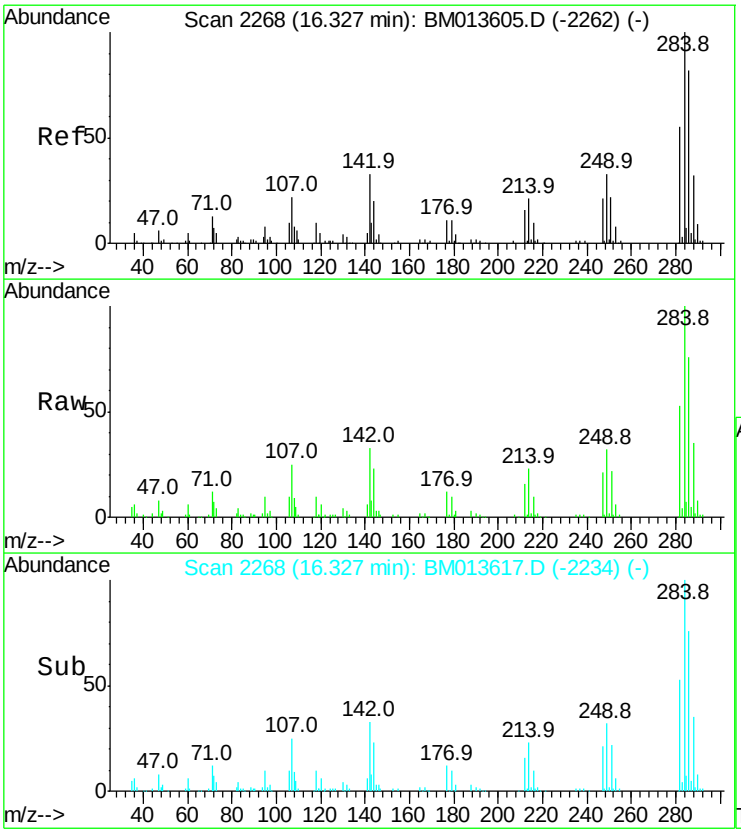
#65
4-Bromophenyl-phenylether
Concen: 19.967 ng/ul
RT: 16.22 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:248 Resp: 141956

Ion	Ratio	Lower	Upper
248	100		
250	97.7	80.5	120.7
141	72.4	53.6	80.4

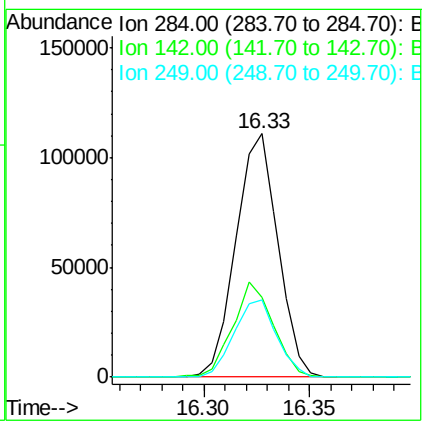


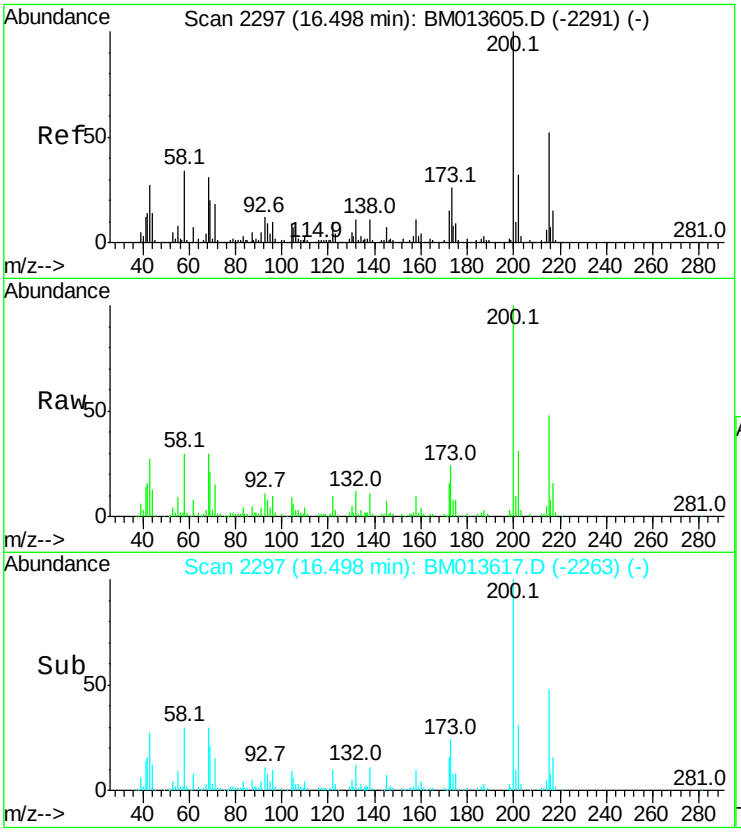


#66
Hexachlorobenzene
Concen: 19.987 ng/ul
RT: 16.33 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:284 Resp: 152959

Ion	Ratio	Lower	Upper
284	100		
142	32.6	21.2	31.8#
249	31.9	24.5	36.7



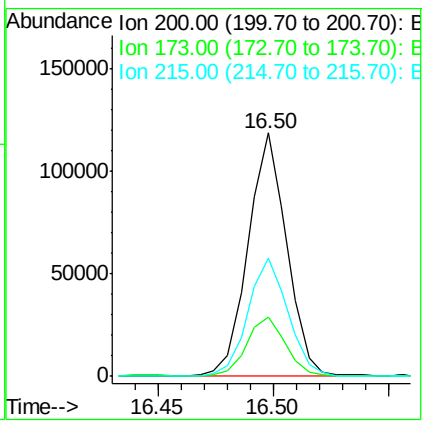


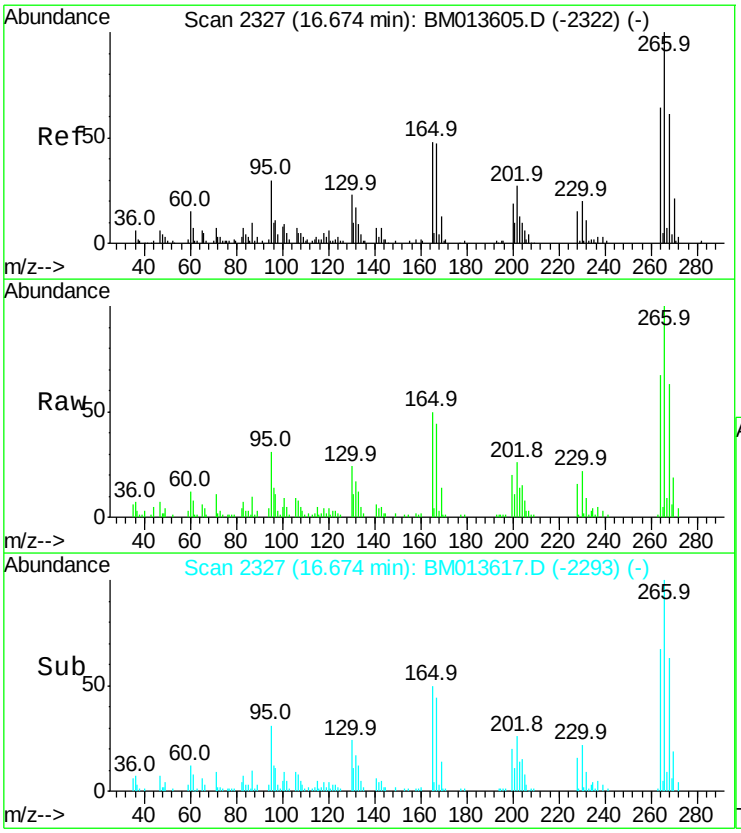
#67
Atrazine
Concen: 19.580 ng/ul
RT: 16.50 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:200 Resp: 138347

Ion	Ratio	Lower	Upper
200	100		
173	24.4	18.2	27.2
215	48.3	35.0	52.4

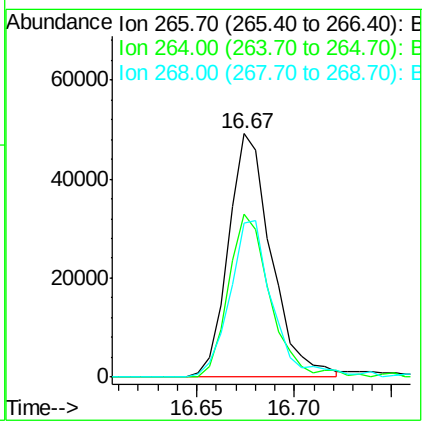


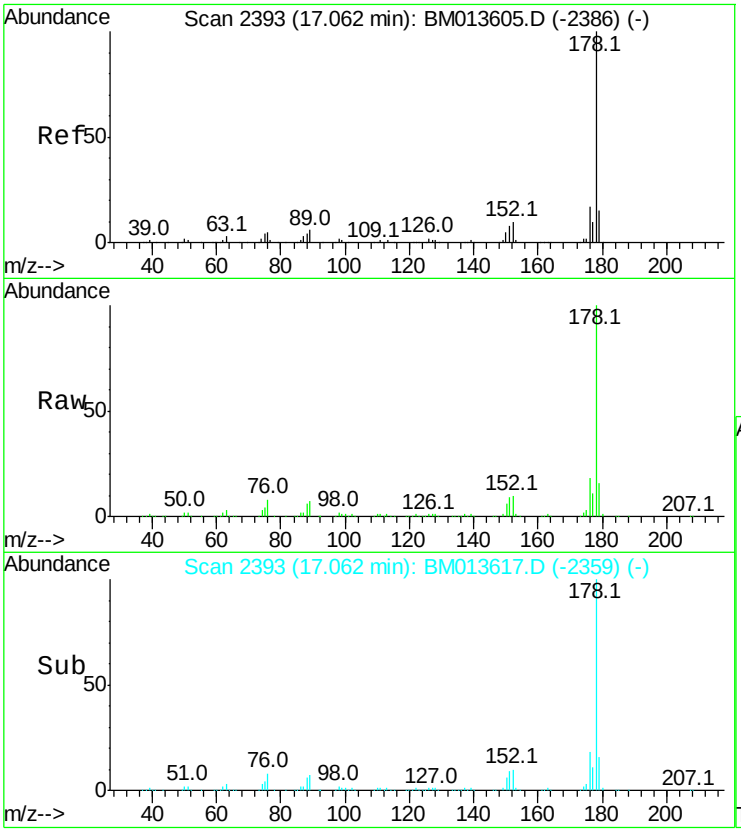


#68
Pentachlorophenol
Concen: 18.399 ng/ul
RT: 16.67 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:266 Resp: 74822

Ion	Ratio	Lower	Upper
266	100		
264	66.9	49.3	73.9
268	63.1	52.6	78.8



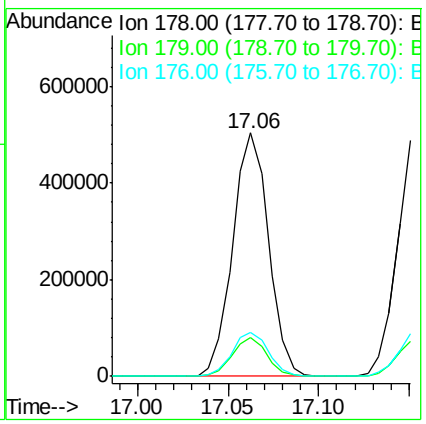


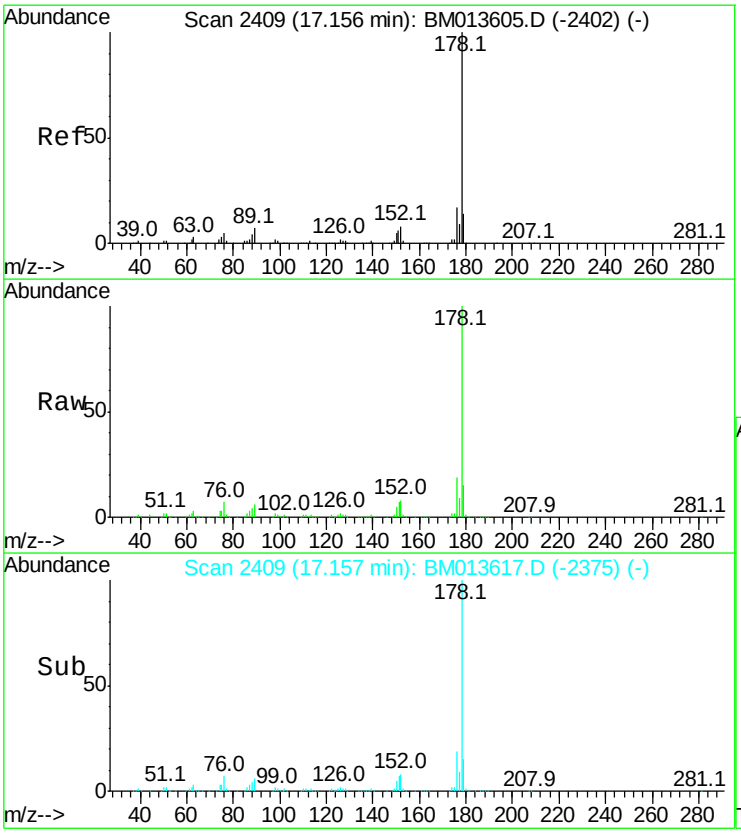
#69
Phenanthrene
Concen: 20.697 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 692519

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	18.1	14.9	22.3

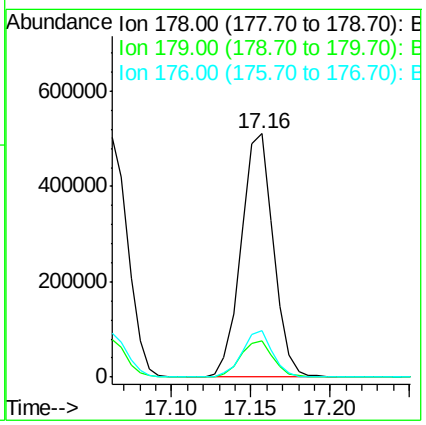


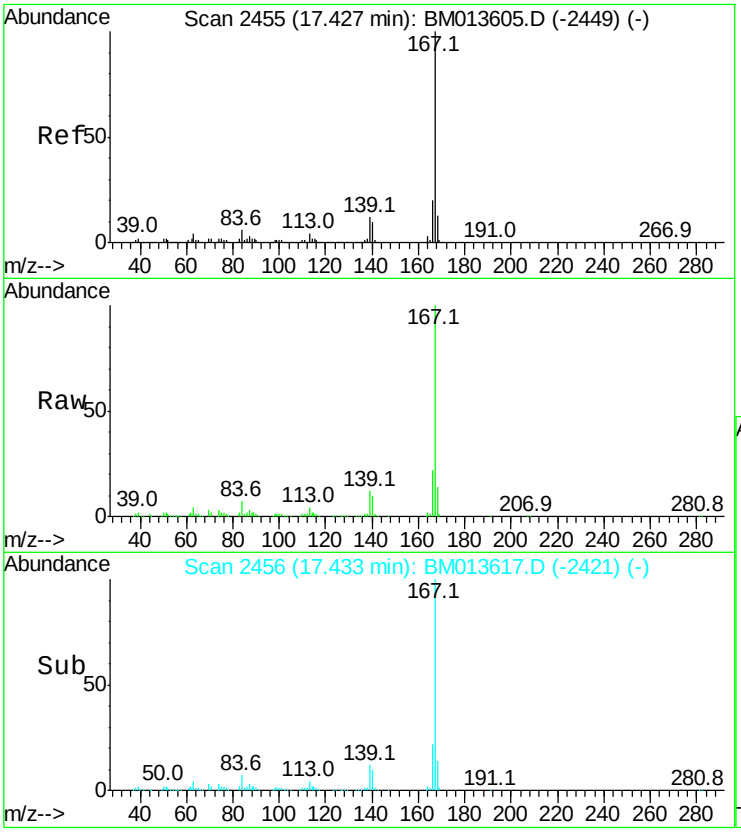


#71
Anthracene
Concen: 20.884 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:178 Resp: 720737

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.9	14.6	21.8



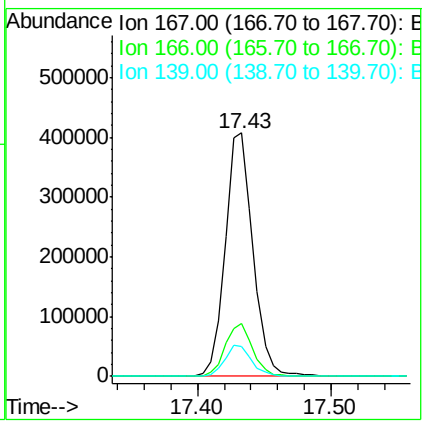


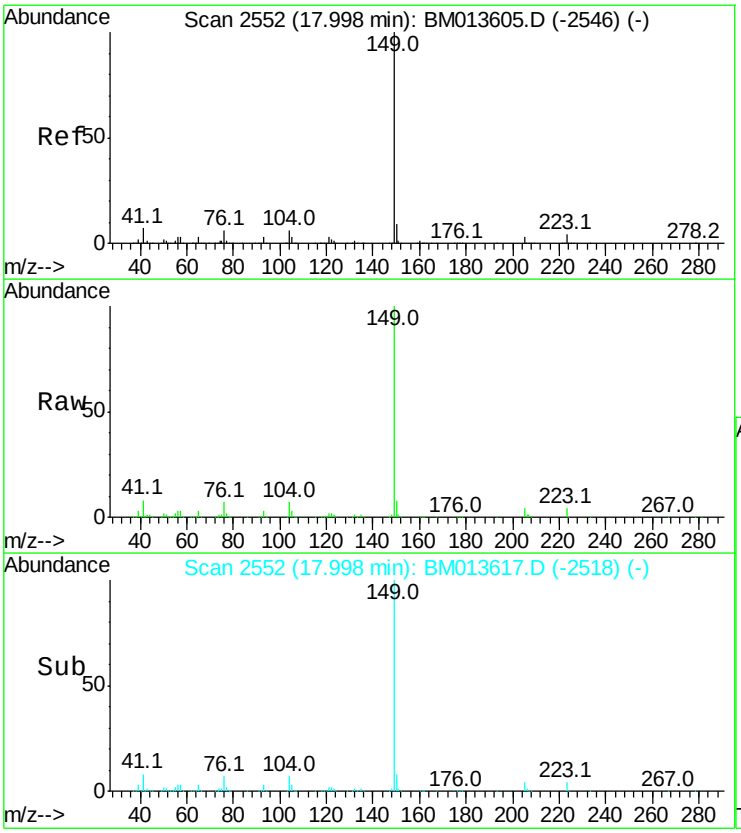
#72
Carbazole
Concen: 20.812 ng/ul
RT: 17.43 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 592875

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.5	10.0	15.0

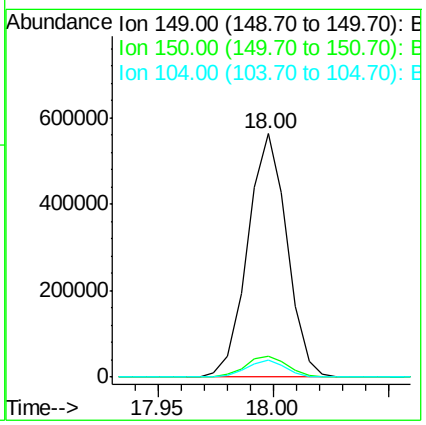


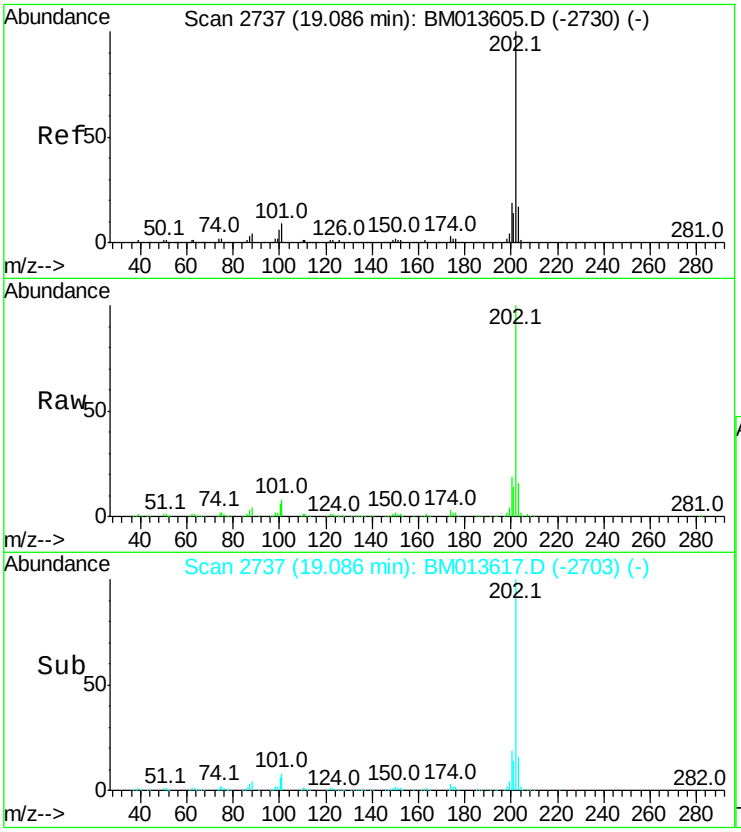


#73
Di-n-butylphthalate
Concen: 19.908 ng/ul
RT: 18.00 min Scan# 2552
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:149 Resp: 667012

Ion	Ratio	Lower	Upper
149	100		
150	8.3	7.1	10.7
104	6.9	5.6	8.4



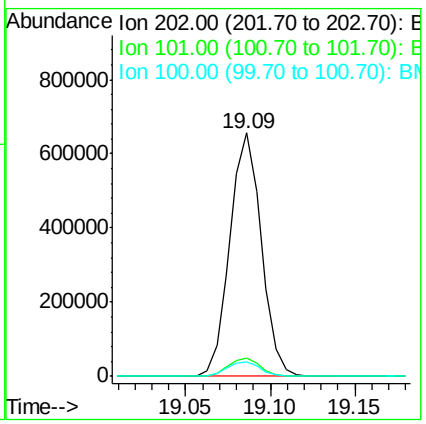


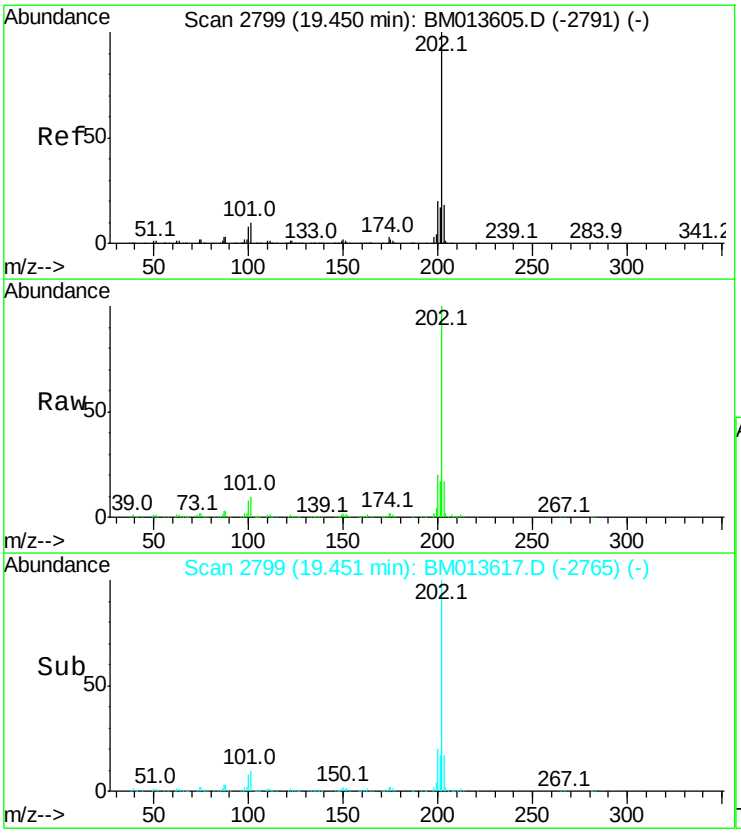
#74
Fluoranthene
Concen: 21.315 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 851313

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	6.1	3.4	5.2#

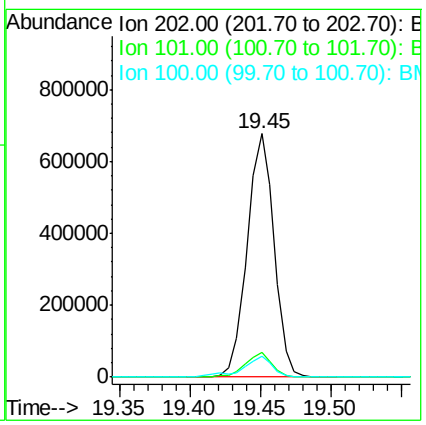


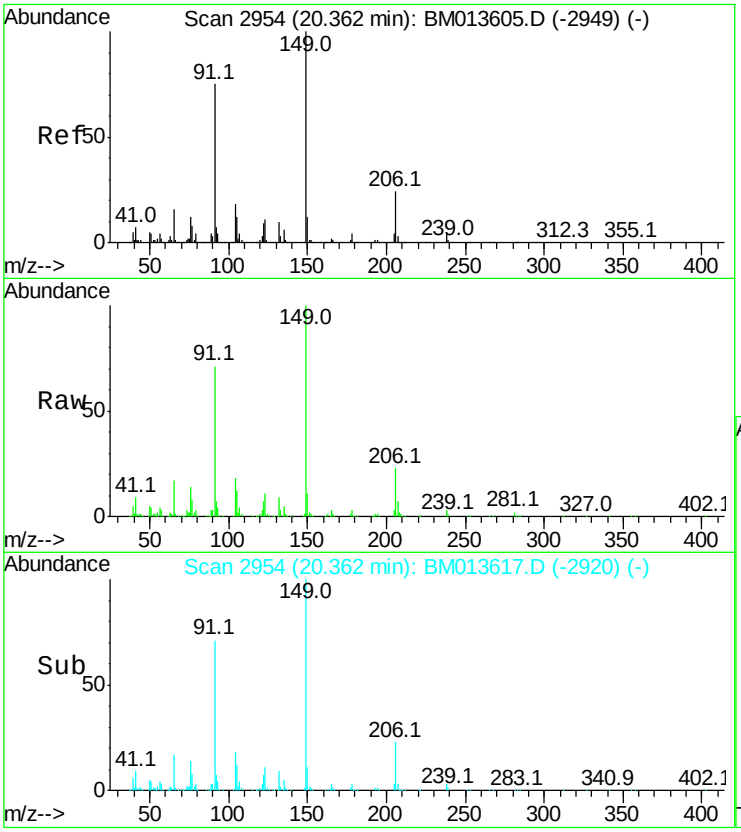


#77
Pyrene
Concen: 20.409 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:202 Resp: 907414

Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.1	7.7#
100	8.4	4.9	7.3#



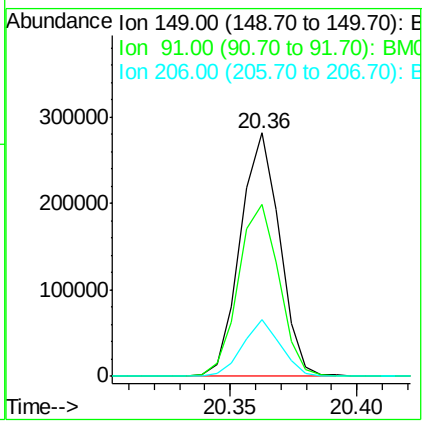


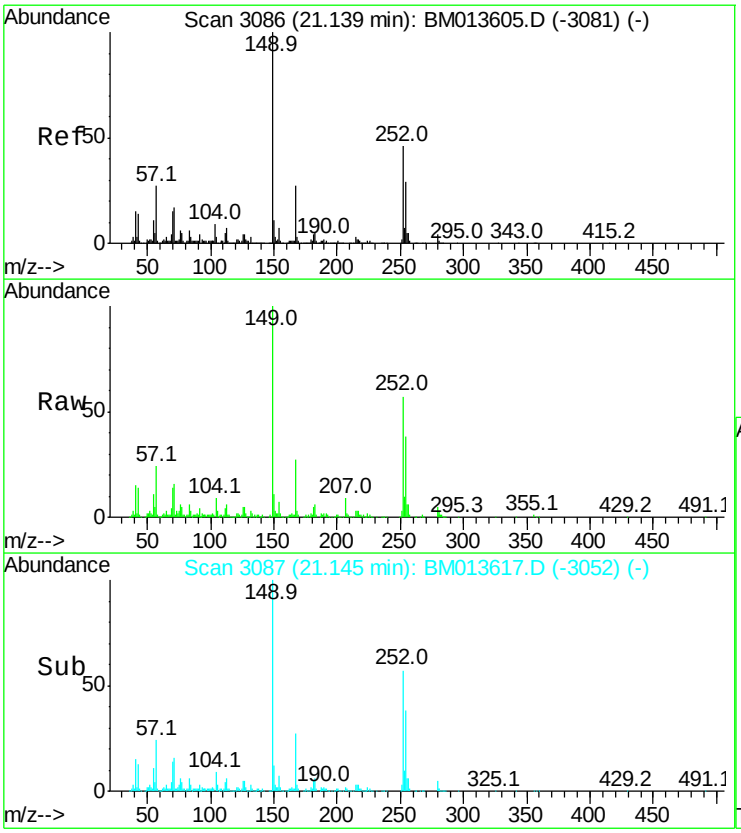
#78
Butylbenzylphthalate
Concen: 19.552 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 306221

Ion	Ratio	Lower	Upper
149	100		
91	70.6	62.7	94.1
206	23.3	20.8	31.2

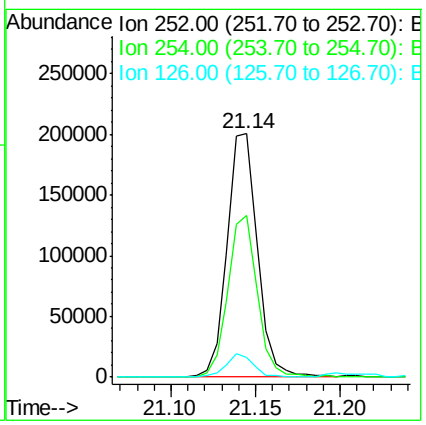


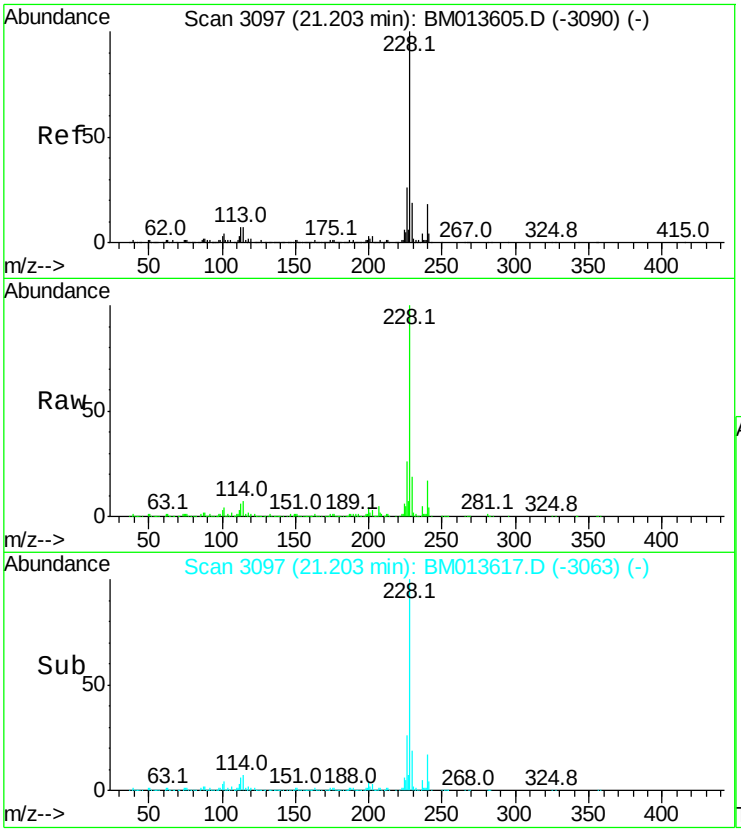


#79
3,3'-Dichlorobenzidine
Concen: 20.698 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:252 Resp: 250421

Ion	Ratio	Lower	Upper
252	100		
254	66.3	54.5	81.7
126	8.3	5.8	8.8



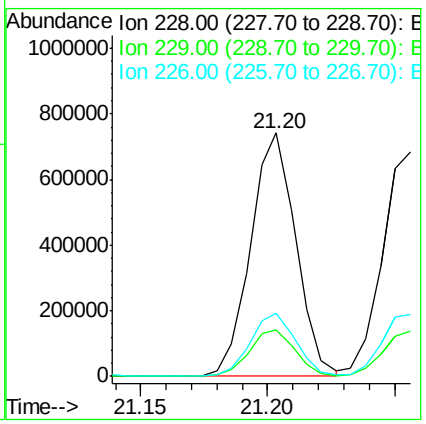


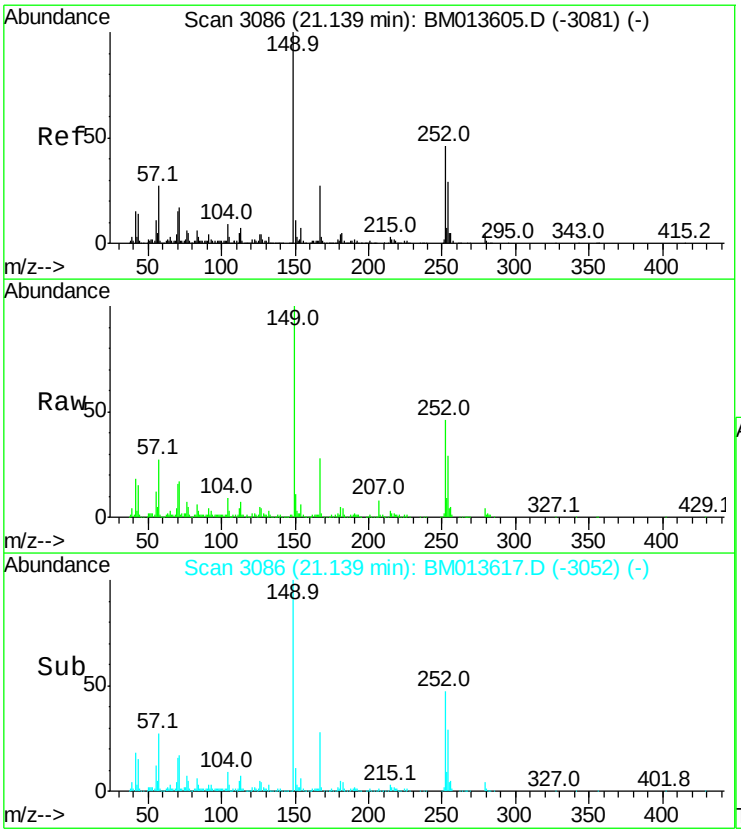
#80
Benzo(a)anthracene
Concen: 20.692 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 914391

Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.4	23.0
226	26.2	21.4	32.0

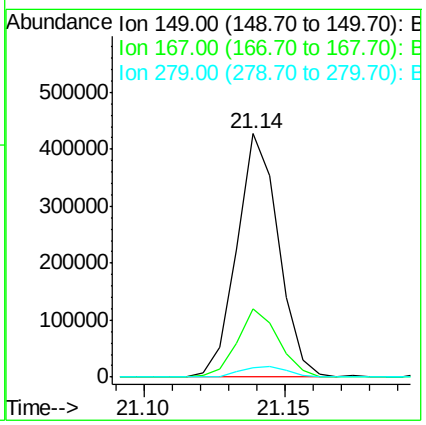


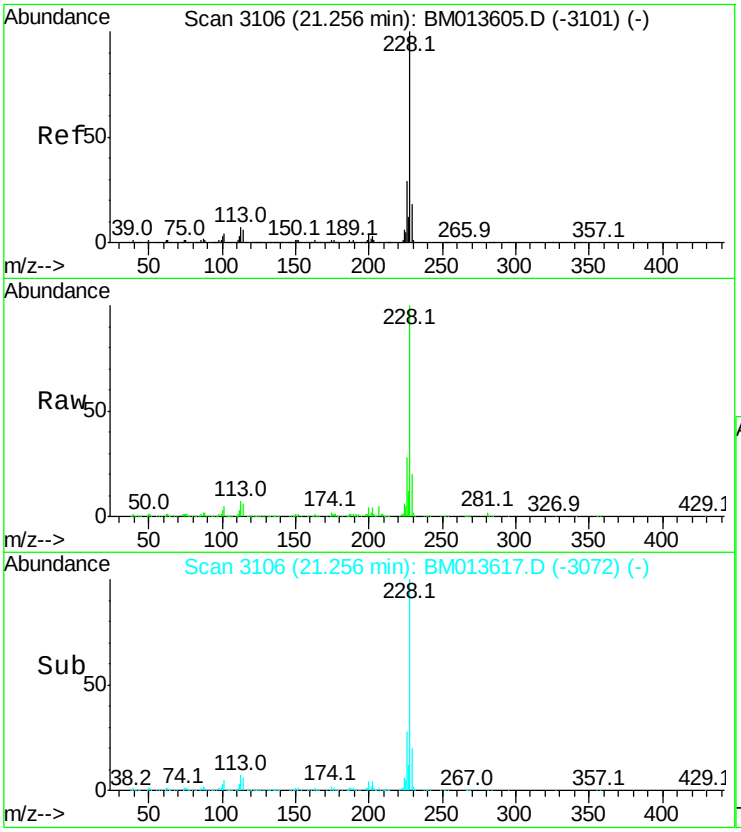


#81
Bis(2-ethylhexyl)phthalate
Concen: 18.490 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:149 Resp: 434479

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.8	34.2
279	3.9	4.9	7.3#



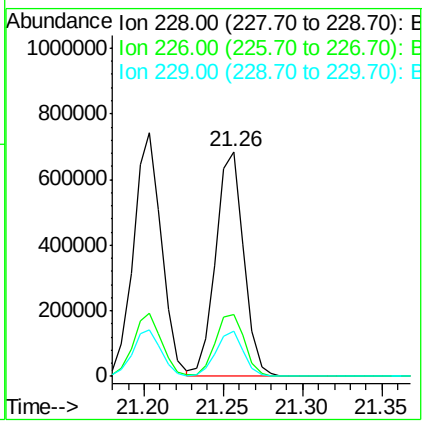


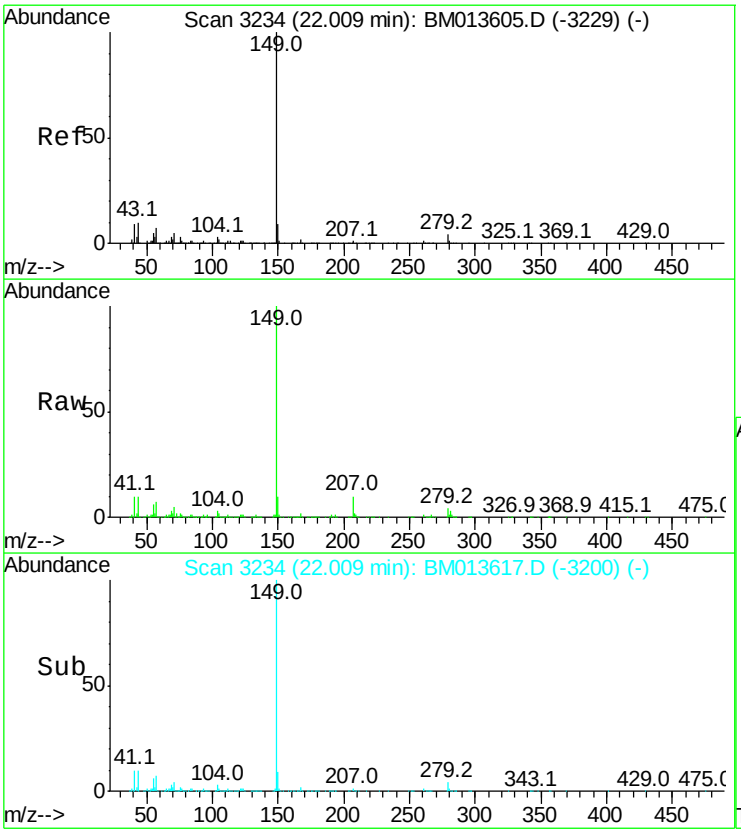
#82
Chrysene
Concen: 20.699 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 839165

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	20.1	15.5	23.3

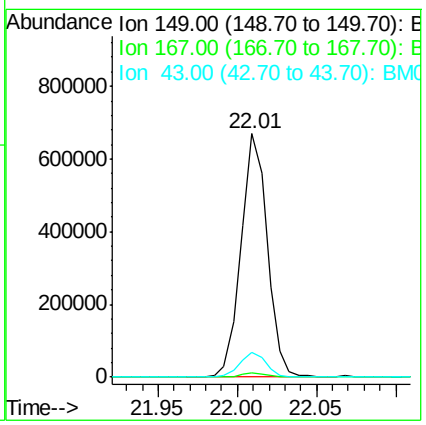


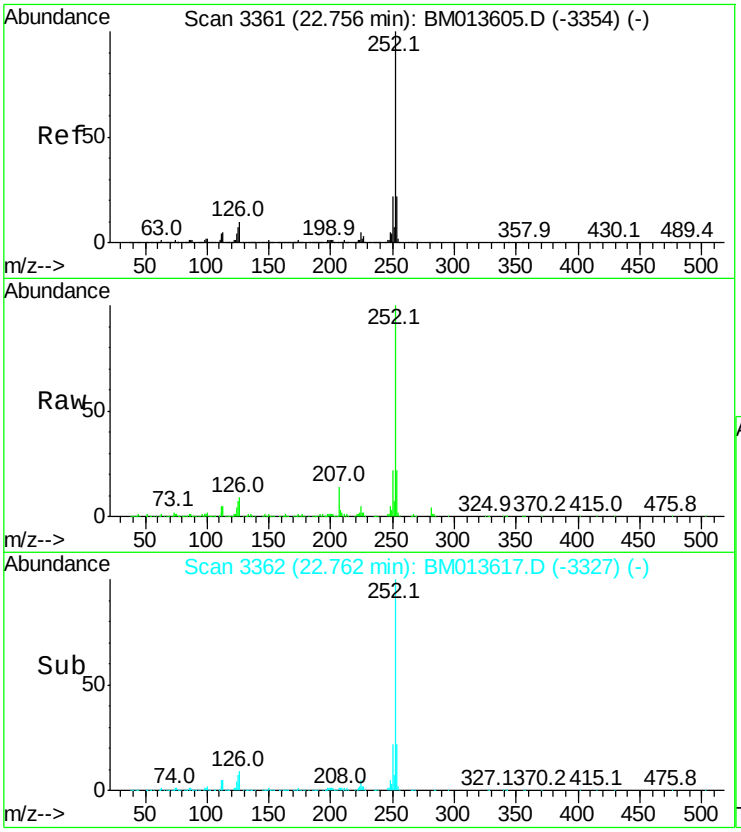


#84
Di-n-octyl phthalate
Concen: 17.581 ng/ul
RT: 22.01 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:149 Resp: 765963

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	7.3	10.9



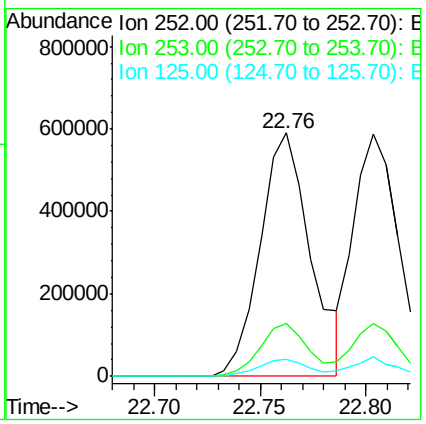


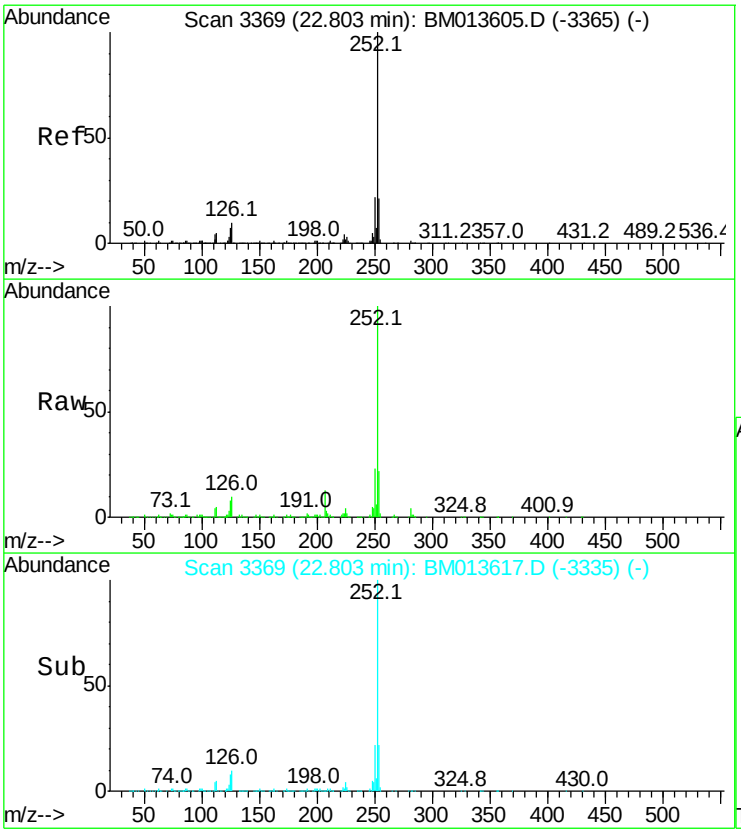
#85
Benzo(b)fluoranthene
Concen: 22.045 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 978719

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	6.9	3.6	5.4#

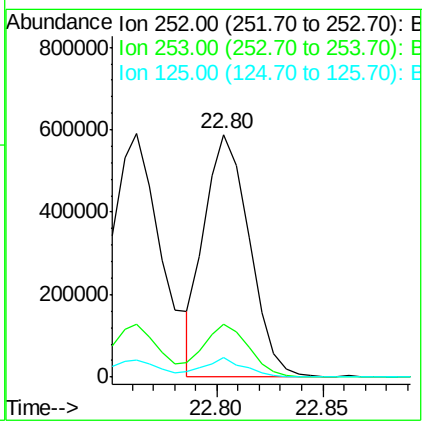


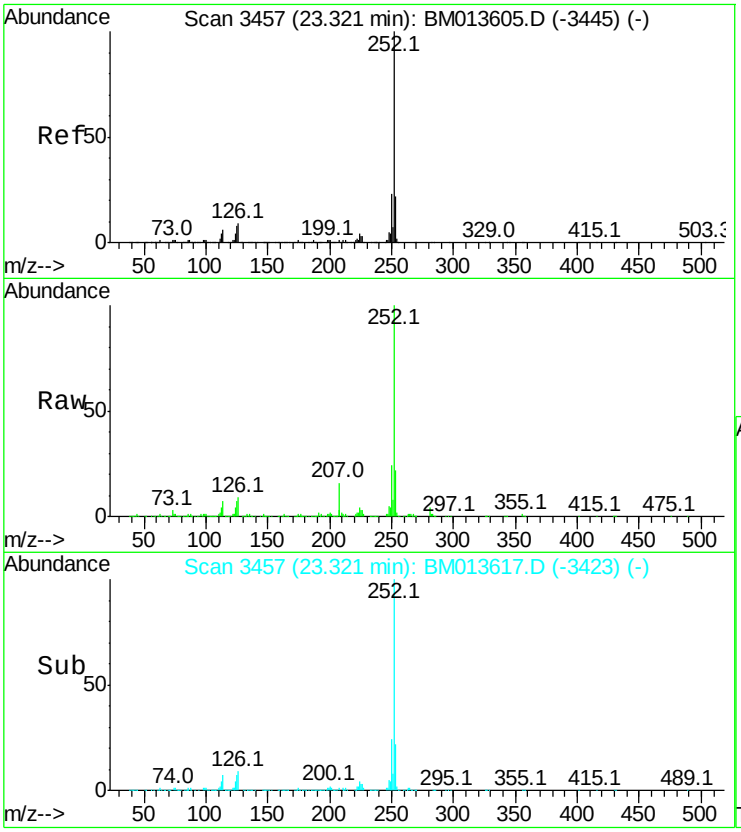


#86
Benzo(k)fluoranthene
Concen: 20.172 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:252 Resp: 865651

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	8.1	3.4	5.2#



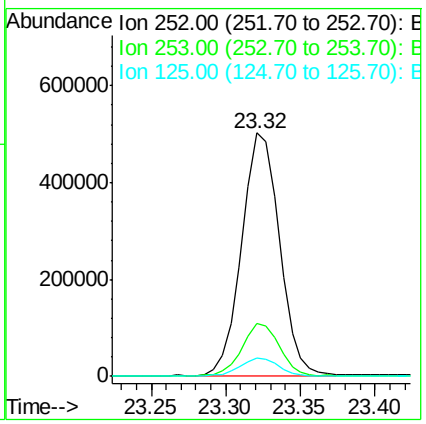


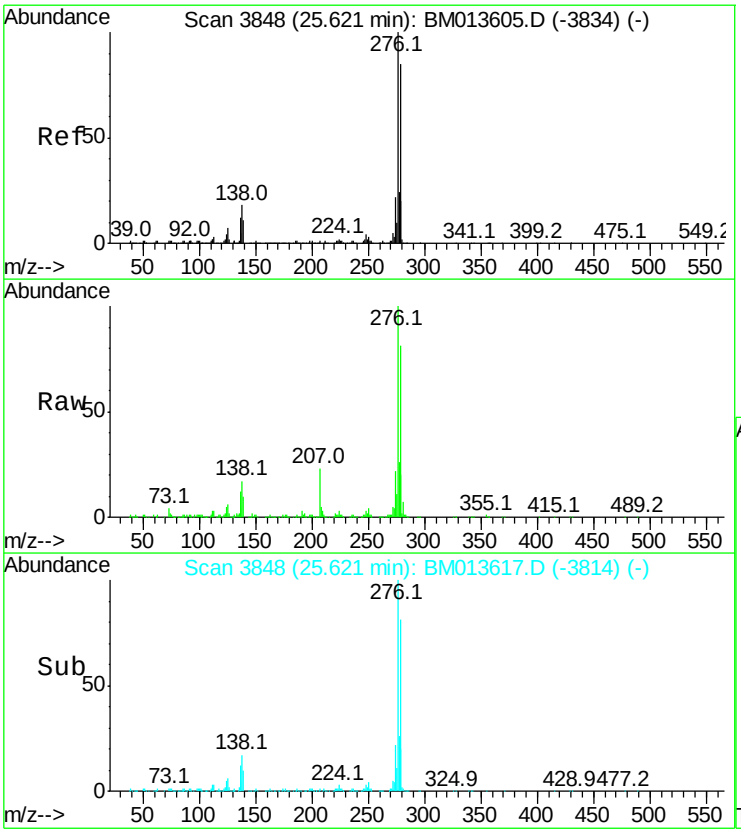
#88
Benzo(a)pyrene
Concen: 20.834 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 873806

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	7.4	4.0	6.0#

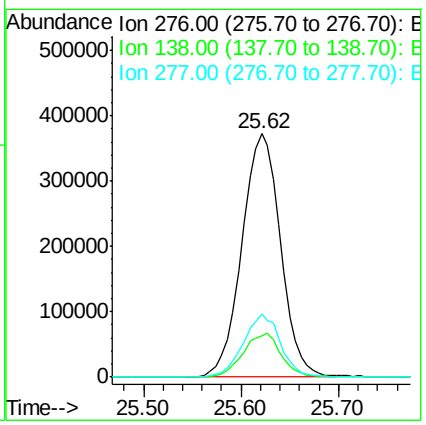


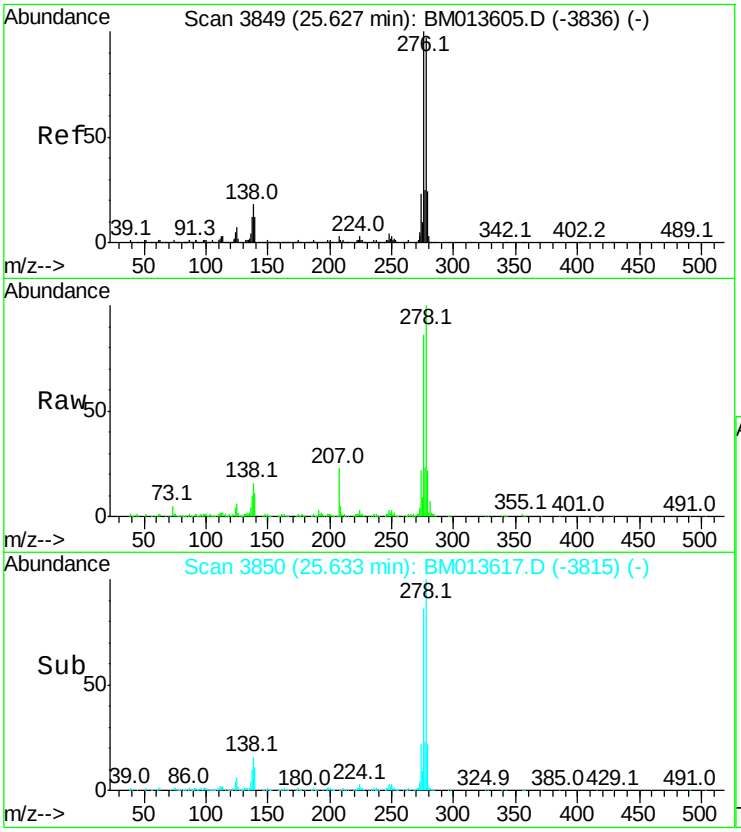


#89
Indeno(1,2,3-cd)pyrene
Concen: 20.798 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:276 Resp: 1029678

Ion	Ratio	Lower	Upper
276	100		
138	16.7	9.3	13.9#
277	26.0	19.9	29.9



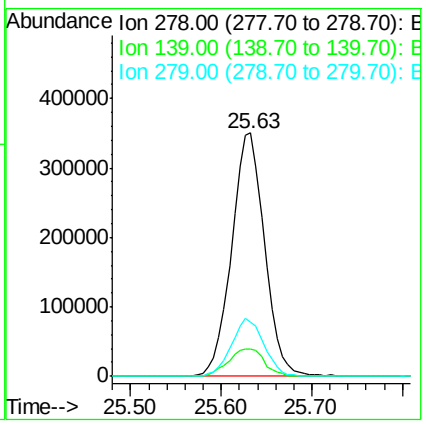


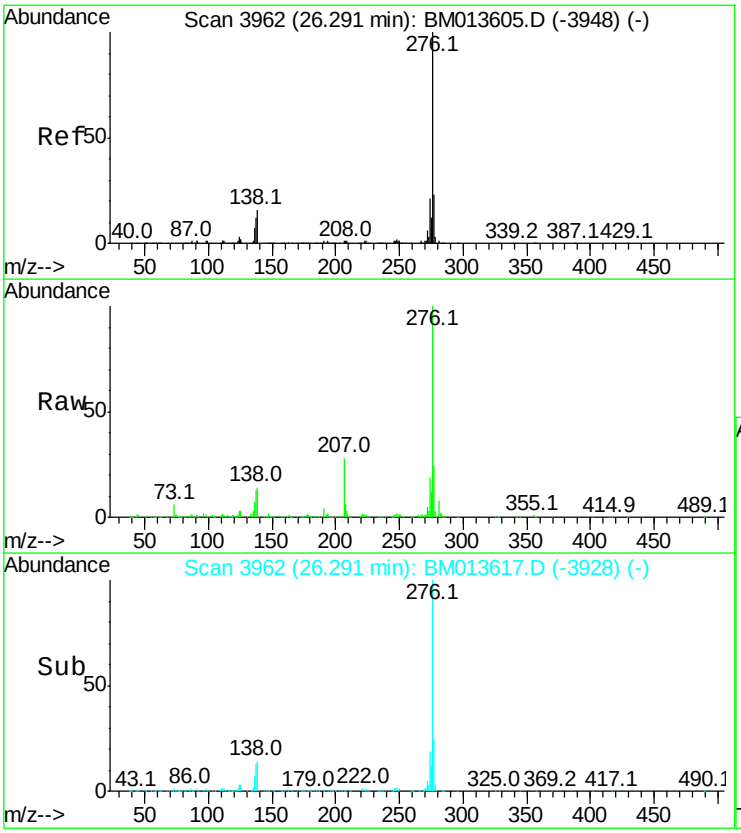
#90
Dibenzo(a,h)anthracene
Concen: 21.180 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. 0.01 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 885500

Ion	Ratio	Lower	Upper
278	100		
139	11.1	5.8	8.8#
279	22.1	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 20.880 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. 0.00 min
Lab File: BM013617.D
Acq: 16 Jan 2018 10:13

Tgt Ion:276 Resp: 850805

Ion	Ratio	Lower	Upper
276	100		
138	14.2	8.5	12.7#
277	23.7	18.6	28.0