Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013799.D
Acq On : 25 Jan 2018 09:43
Operator : SJ/JU
Sample : J1222-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A95

Quant Time: Jan 25 11:37:24 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	181180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	690291	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	430207	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	826419	20.00	ng/ul	0.03
75) Chrysene-d12	21.22	240	923825	20.00	ng/ul	0.02
83) Perylene-d12	23.44	264	909891	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	10371	2.26	ng/uL	0.00
5) Phenol-d5	6.78	99	290785	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	180333	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	251730	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	250970	23.47	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	129016	24.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	142747	25.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	252377	23.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	116020	12.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	701303	19.78	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	893487	19.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	108689	18.86	ng/ul	0.00
57) Fluorene-d10	15.25	176	595349	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	47766	9.60	ng/ul	0.01
70) Anthracene-d10	17.12	188	960863	23.87	ng/ul	0.02
76) Pyrene-d10	19.42	212	1109930	25.80	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.30	264	1058831	25.32	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	6.81	94	47392	3.397	ng/ul#	90
21) Isophorone	9.29	82	25024	1.119	ng/ul#	1
24) 2,4-Dimethylphenol	9.57	107	38958	3.133	ng/ul#	42
28) Naphthalene	10.42	128	511859	14.905	ng/ul	99
32) Caprolactam	11.40	113	113612	38.758	ng/ul	76
34) 2-Methylnaphthalene	12.05	142	591877	23.117	ng/ul	96
38) 2,4,6-Trichlorophenol	12.67	196	21989	2.383	ng/ul	93
39) 2,4,5-Trichlorophenol	12.67	196	21641	2.254	ng/ul	95
40) 1,1'-Biphenyl	13.07	154	345061	9.636	ng/ul	96
44) Dimethylphthalate	13.72	163	155177	4.451	ng/ul#	92
45) 2,6-Dinitrotoluene	13.85	165	11035	1.633	ng/ul#	1
47) Acenaphthylene	13.97	152	487465	11.783	ng/ul#	96
48) 3-Nitroaniline	14.14	138	18104	3.407	ng/ul#	19
49) Acenaphthene	14.32	153	2774654	96.842	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	15455	3.991	ng/ul#	1
53) Dibenzofuran	14.66	168	2220818	51.524	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	1136726	125.871	ng/ul#	91
58) Fluorene	15.31	166	1926612	54.567	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.42	198	19774	3.766	ng/ul#	1
64) N-Nitrosodiphenylamine	15.53	169	212576	8.746	ng/ul#	60
66) Hexachlorobenzene	16.32	284	16880	1.607	ng/ul#	1
69) Phenanthrene	17.07	178	12290566	267.551	ng/ul	98
71) Anthracene	17.16	178	3498255	73.831	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013799.D
Acq On : 25 Jan 2018 09:43
Operator : SJ/JU
Sample : J1222-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A95

Quant Time: Jan 25 11:37:24 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	17.43	167	769420	19.672	ng/ul#	92
74) Fluoranthene	19.09	202	14910080	271.911	ng/ul#	86
77) Pyrene	19.46	202	13269712	236.275	ng/ul#	88
80) Benzo(a)anthracene	21.24	228	1304242	23.364	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.13	149	114195	3.847	ng/ul#	68
82) Chrysene	21.24	228	1304242	25.468	ng/ul	96
85) Benzo(b)fluoranthene	22.79	252	7130831	127.613	ng/ul#	97
86) Benzo(k)fluoranthene	22.79	252	7130831	132.026	ng/ul#	95
88) Benzo(a)pyrene	23.34	252	2355980	44.632	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.66	276	1471103	23.609	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.64	278	452180	8.593	ng/ul#	75
91) Benzo(g,h,i)perylene	26.33	276	1290198	25.158	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013799.D
Acq On : 25 Jan 2018 09:43
Operator : SJ/JU
Sample : J1222-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
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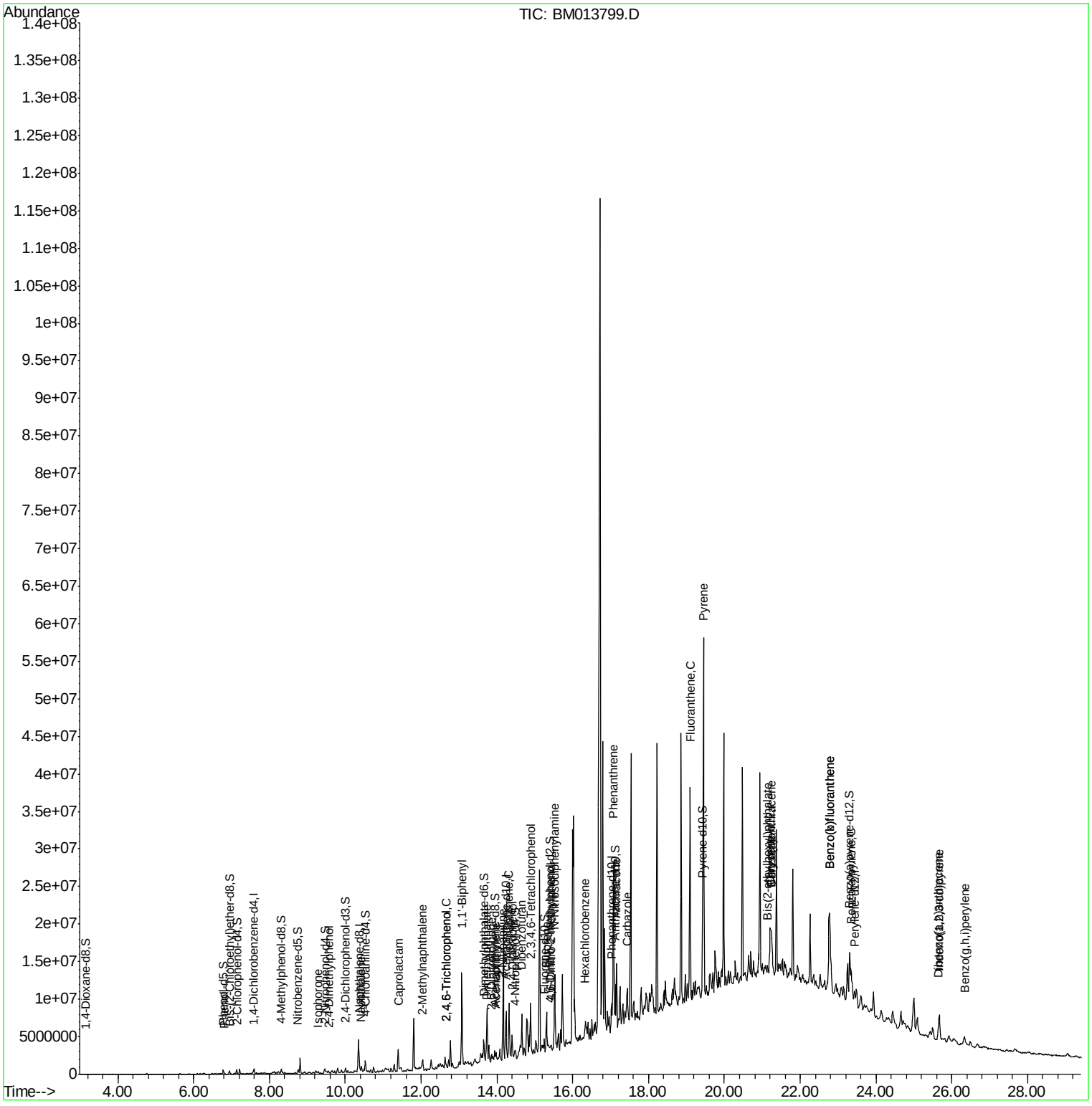
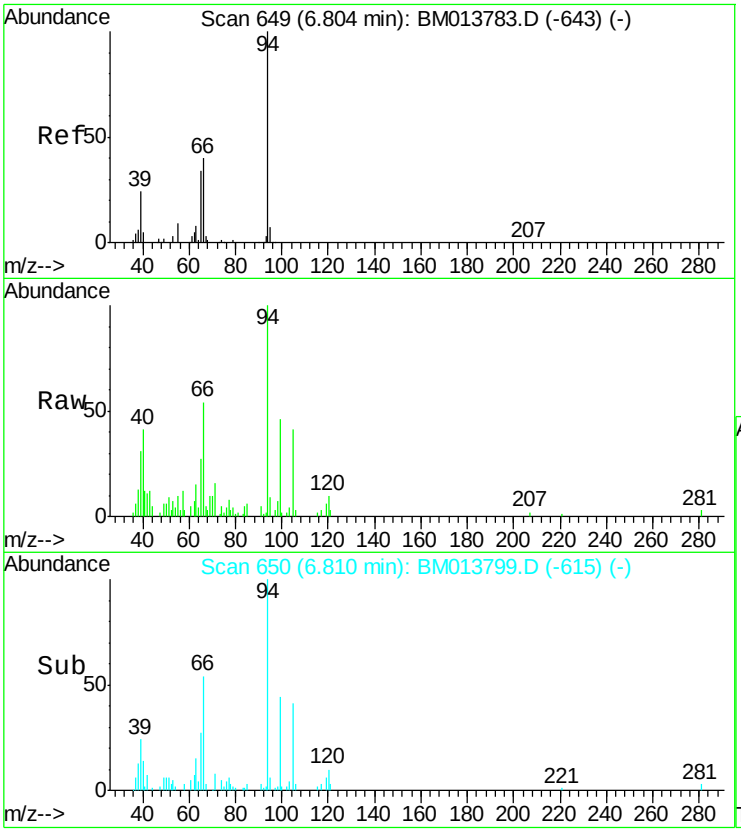
Quant Time: Jan 25 11:37:24 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration



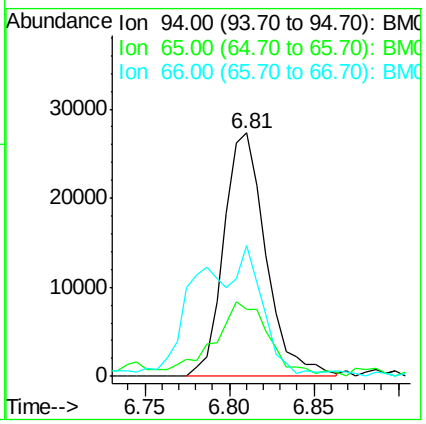


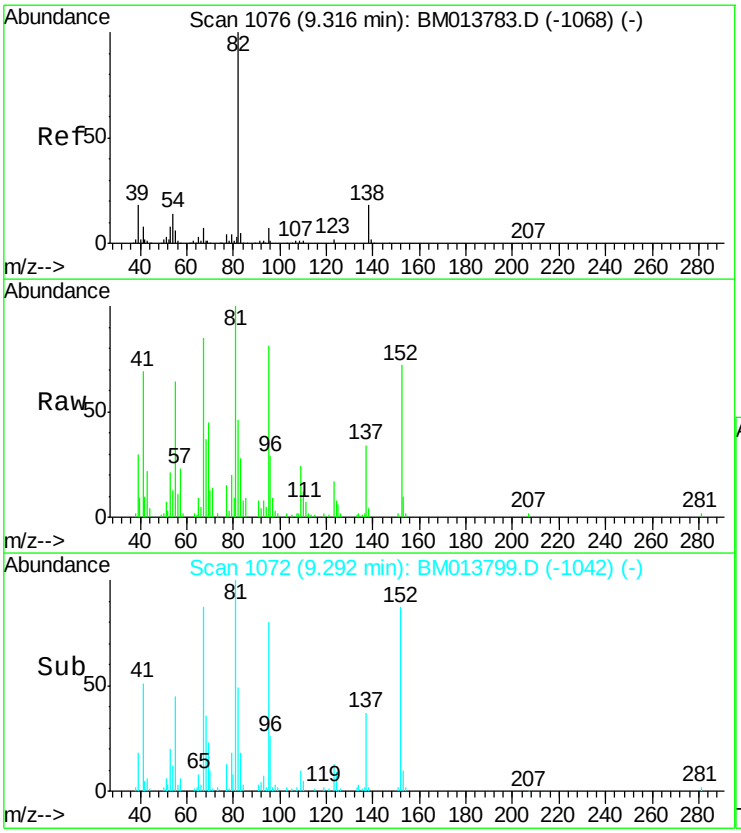
#6
Phenol
Concen: 3.397 ng/ul
RT: 6.81 min Scan# 650
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion: 94 Resp: 47392

Ion	Ratio	Lower	Upper
94	100		
65	27.3	28.2	42.4#
66	53.8	47.2	70.8

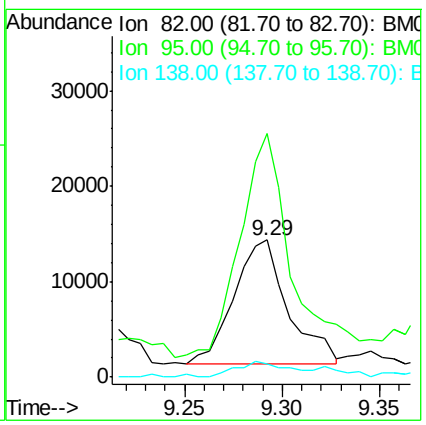


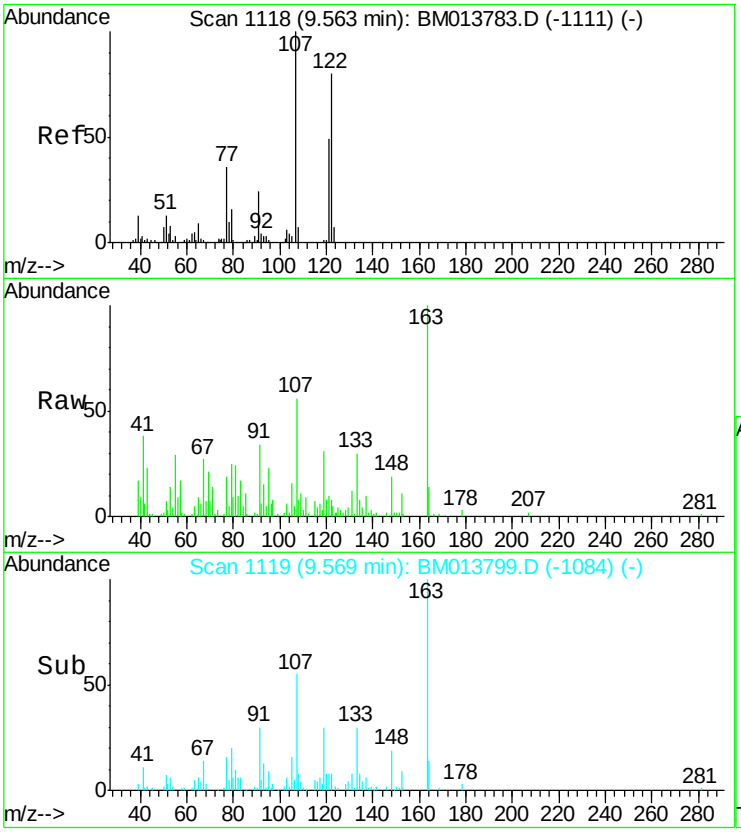


#21
Isophorone
Concen: 1.119 ng/ul
RT: 9.29 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion: 82 Resp: 25024

Ion	Ratio	Lower	Upper
82	100		
95	177.5	7.8	11.8#
138	9.8	11.9	17.9#



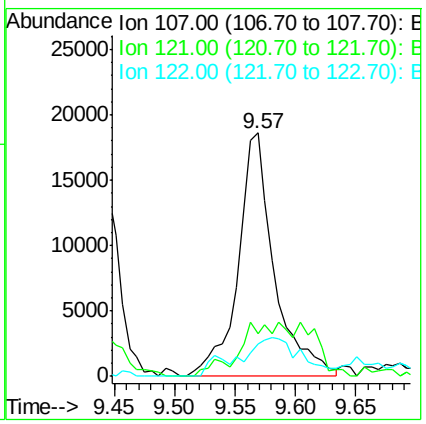


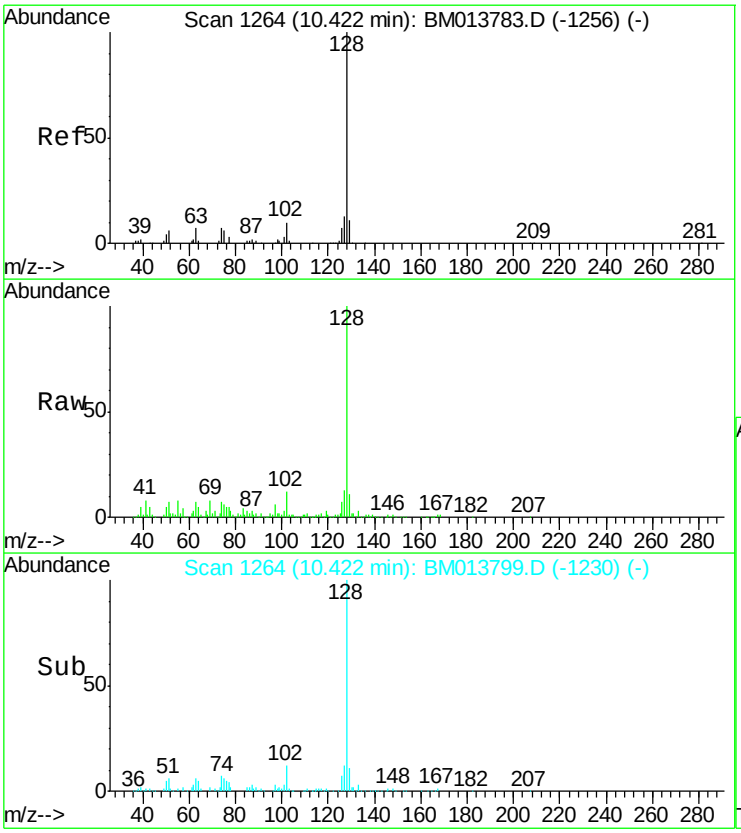
#24
2,4-Dimethylphenol
Concen: 3.133 ng/ul
RT: 9.57 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:107 Resp: 38958

Ion	Ratio	Lower	Upper
107	100		
121	17.4	31.9	47.9#
122	13.3	57.8	86.6#

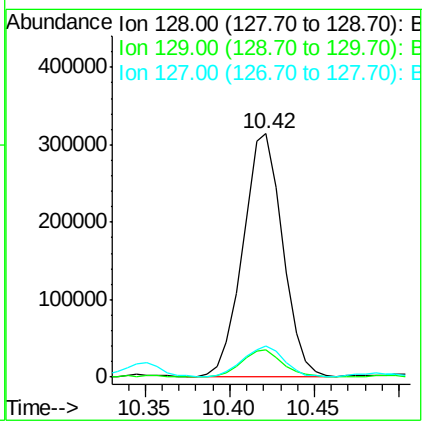


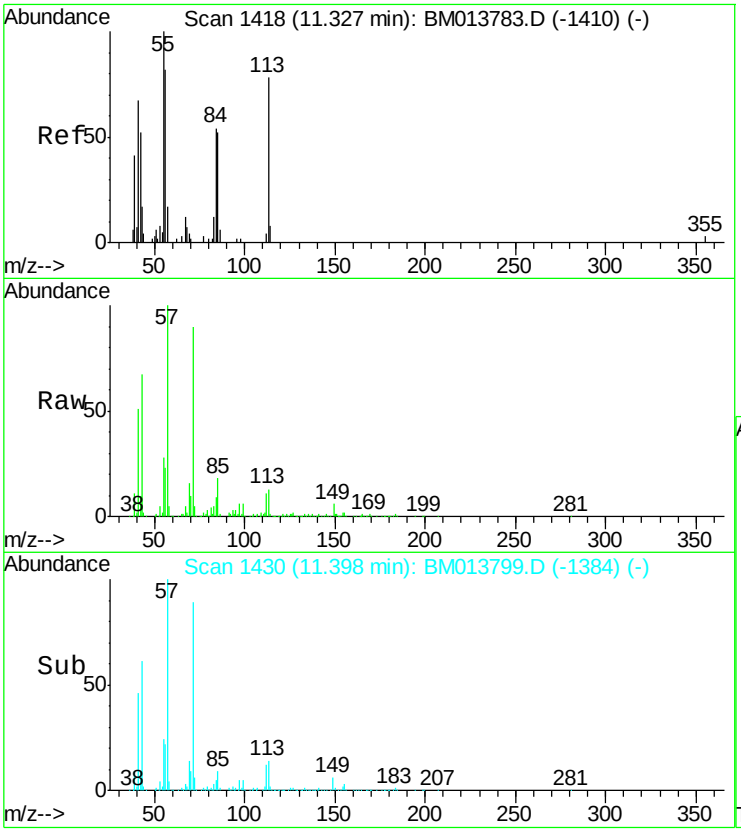


#28
Naphthalene
Concen: 14.905 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:128 Resp: 511859

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	12.6	10.6	16.0



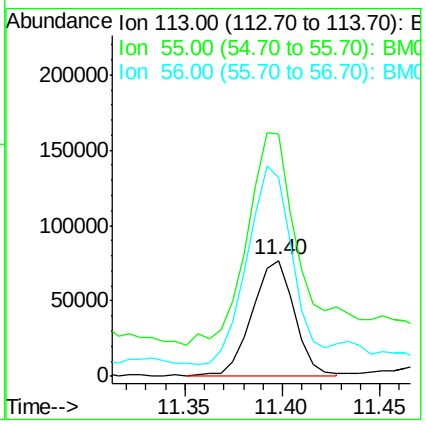


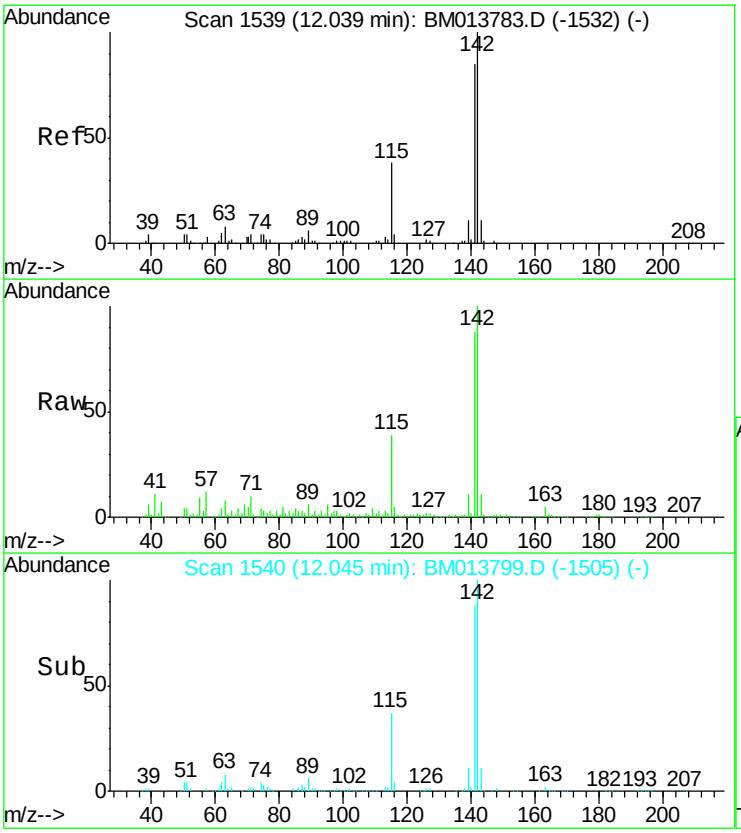
#32
Caprolactam
Concen: 38.758 ng/ul
RT: 11.40 min Scan# 1430
Delta R.T. 0.07 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:113 Resp: 113612

Ion	Ratio	Lower	Upper
113	100		
55	209.1	208.0	312.0
56	170.8	160.0	240.0

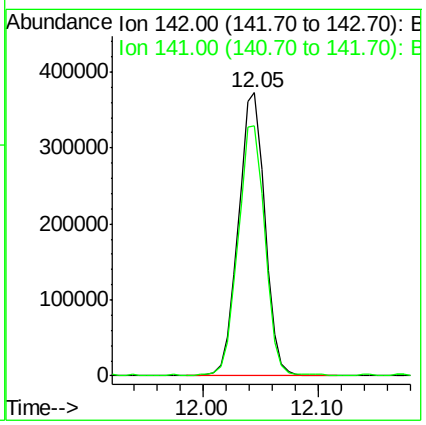


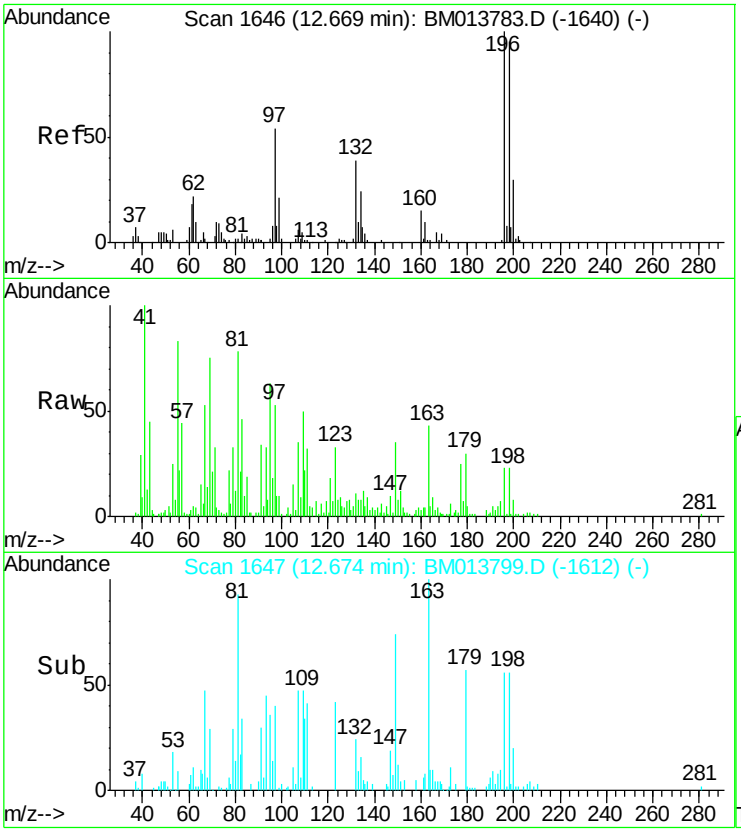


#34
2-Methylnaphthalene
Concen: 23.117 ng/ul
RT: 12.05 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:142 Resp: 591877

Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.1	111.1



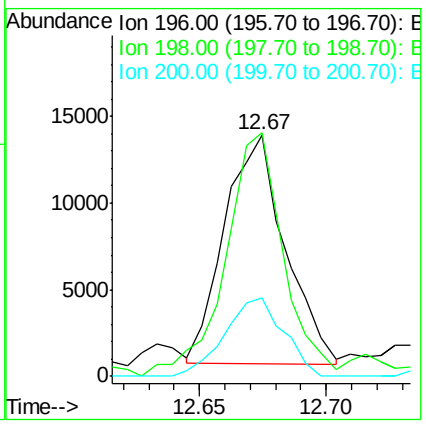


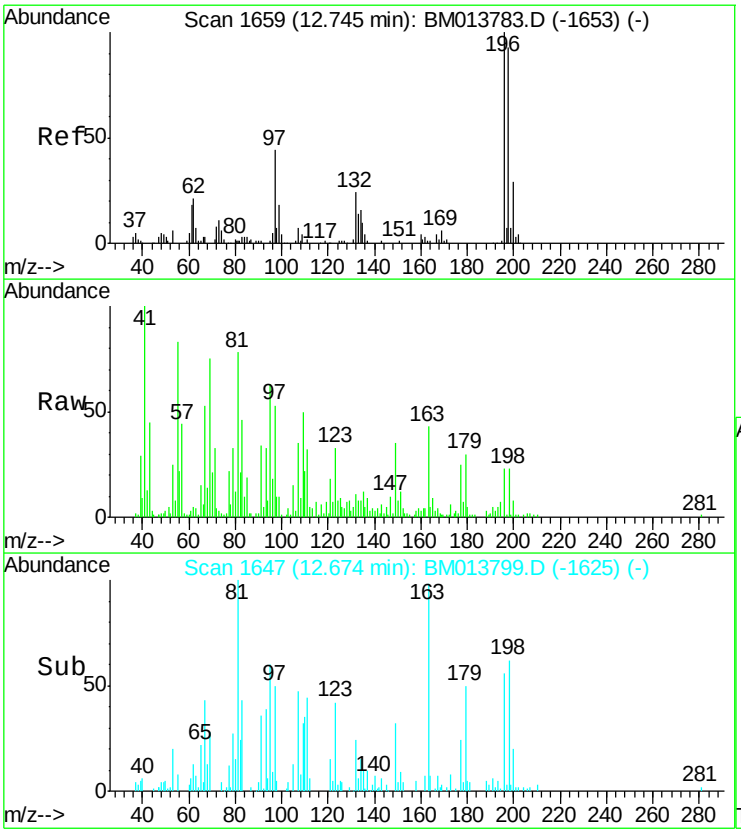
#38
2,4,6-Trichlorophenol
Concen: 2.383 ng/ul
RT: 12.67 min Scan# 1647
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:196 Resp: 21989

Ion	Ratio	Lower	Upper
196	100		
198	100.9	74.1	111.1
200	32.7	25.2	37.8

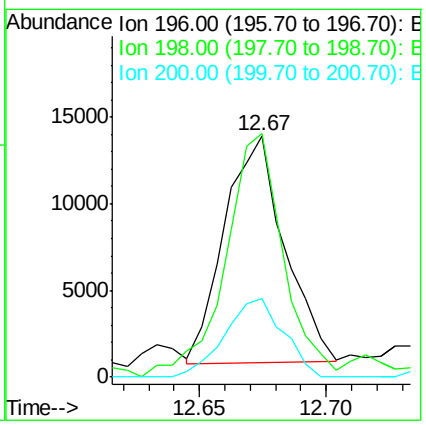


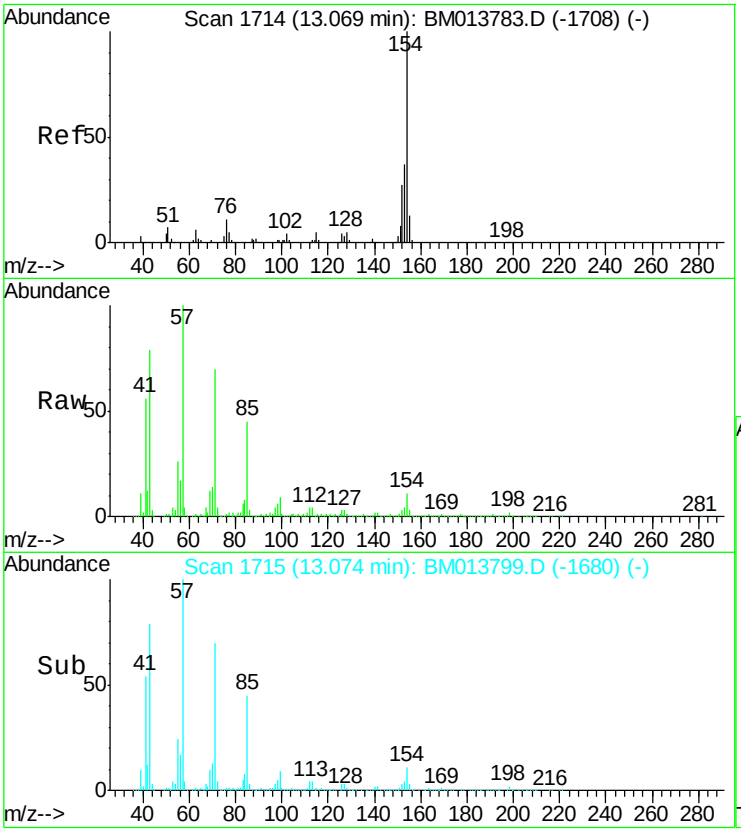


#39
2,4,5-Trichlorophenol
Concen: 2.254 ng/ul
RT: 12.67 min Scan# 1647
Delta R.T. -0.07 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:196 Resp: 21641

Ion	Ratio	Lower	Upper
196	100		
198	100.9	75.6	113.4
200	32.7	25.5	38.3



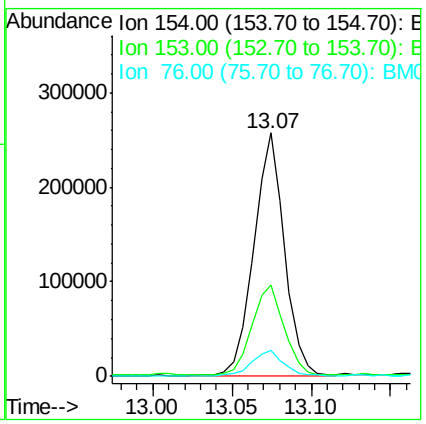


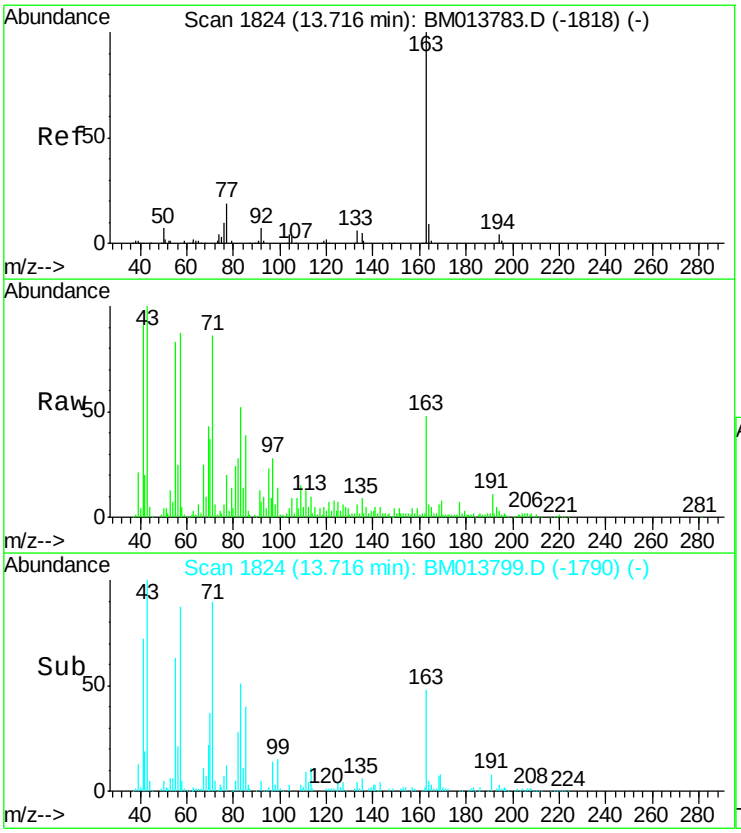
#40
1,1'-Biphenyl
Concen: 9.636 ng/ul
RT: 13.07 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:154 Resp: 345061

Ion	Ratio	Lower	Upper
154	100		
153	37.4	32.6	48.8
76	10.7	8.5	12.7

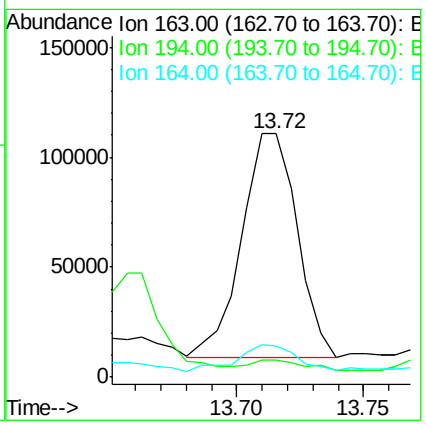


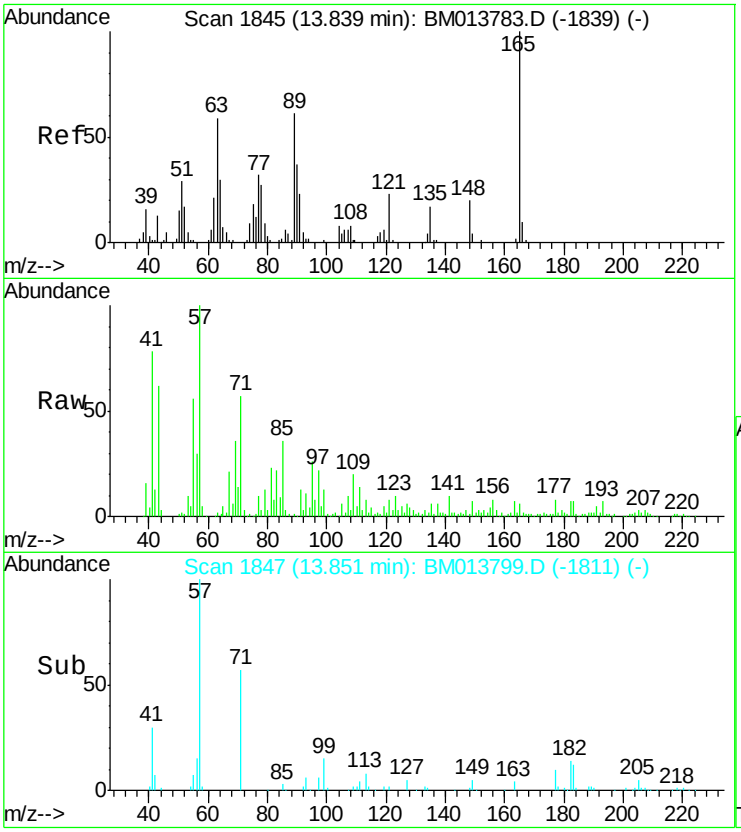


#44
Dimethylphthalate
Concen: 4.451 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:163 Resp: 155177

Ion	Ratio	Lower	Upper
163	100		
194	7.3	3.5	5.3#
164	13.0	8.2	12.4#



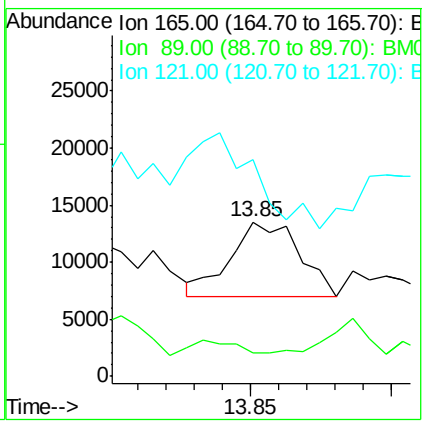


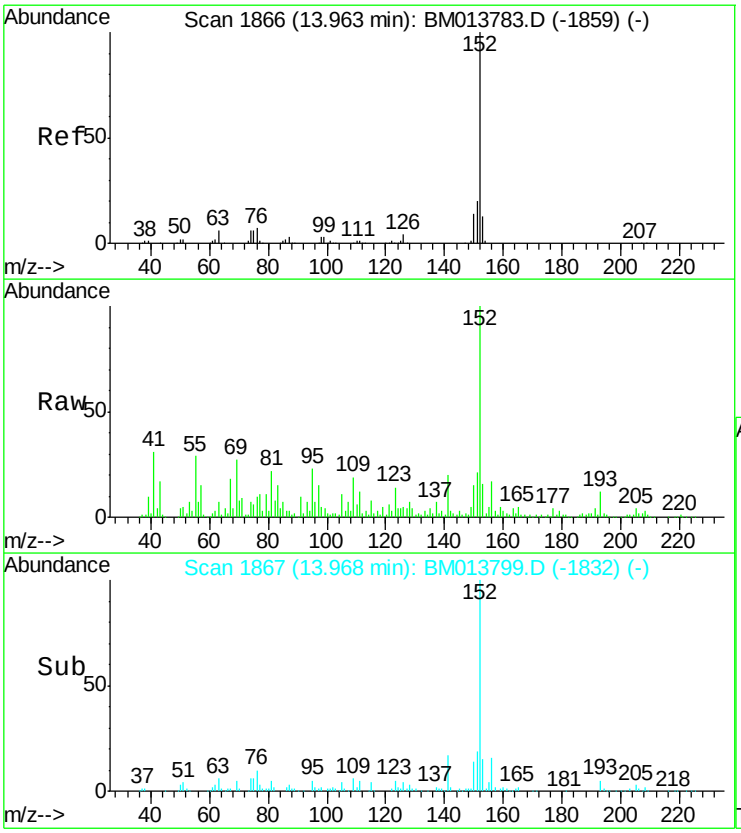
#45
2,6-Dinitrotoluene
Concen: 1.633 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:165 Resp: 11035

Ion	Ratio	Lower	Upper
165	100		
89	15.2	52.6	79.0#
121	140.4	14.6	22.0#

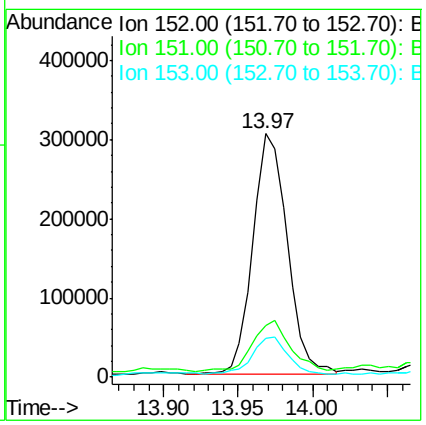


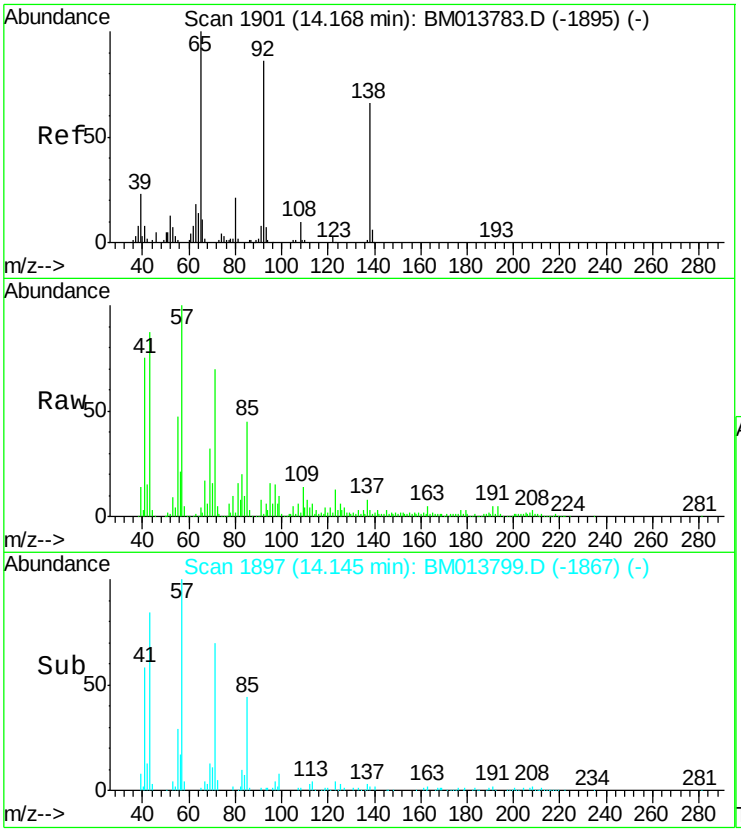


#47
Acenaphthylene
Concen: 11.783 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:152 Resp: 487465

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	15.7	10.2	15.4#



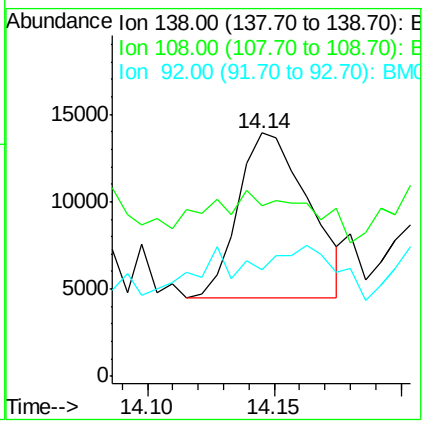


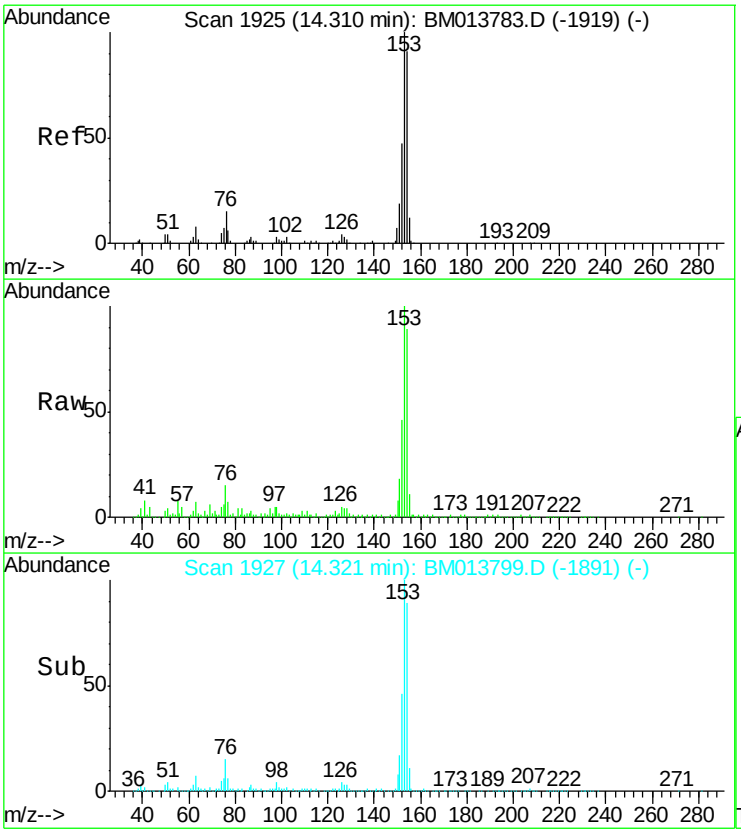
#48
3-Nitroaniline
Concen: 3.407 ng/ul
RT: 14.14 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:138 Resp: 18104

Ion	Ratio	Lower	Upper
138	100		
108	70.0	9.9	14.9#
92	43.6	105.0	157.4#

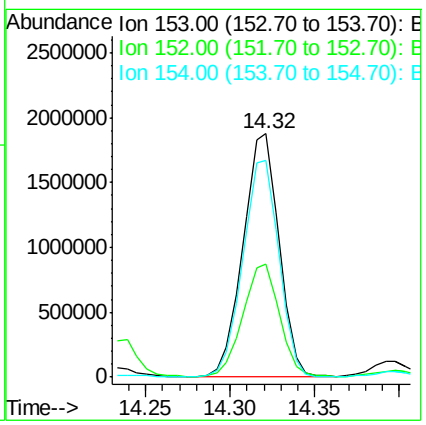


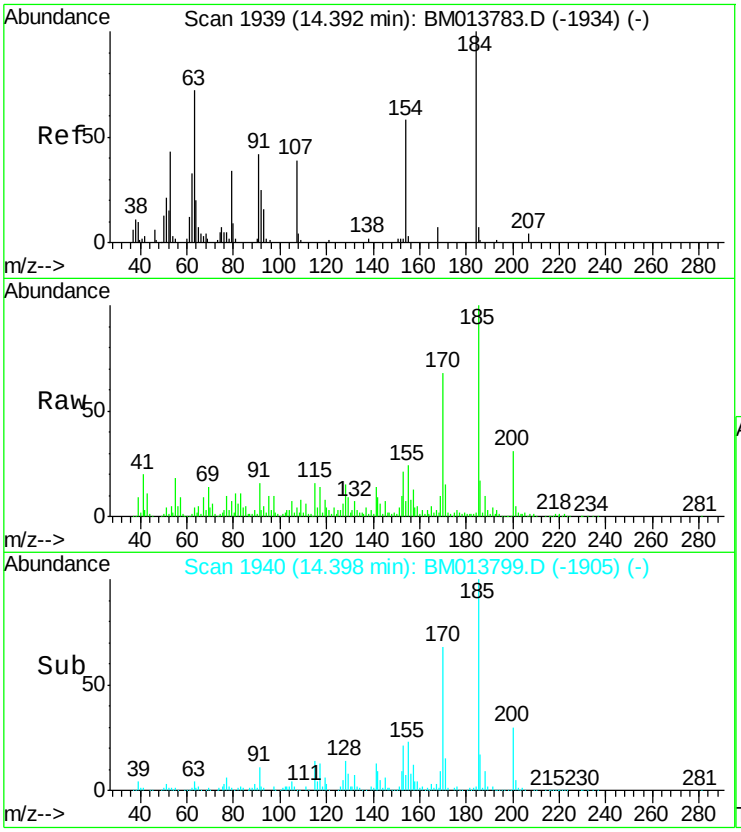


#49
Acenaphthene
Concen: 96.842 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:153 Resp: 2774654

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.6	56.4
154	88.9	70.4	105.6



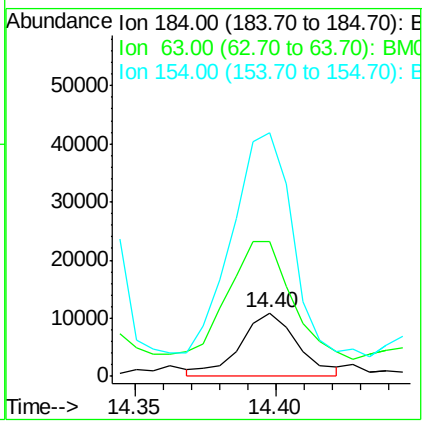


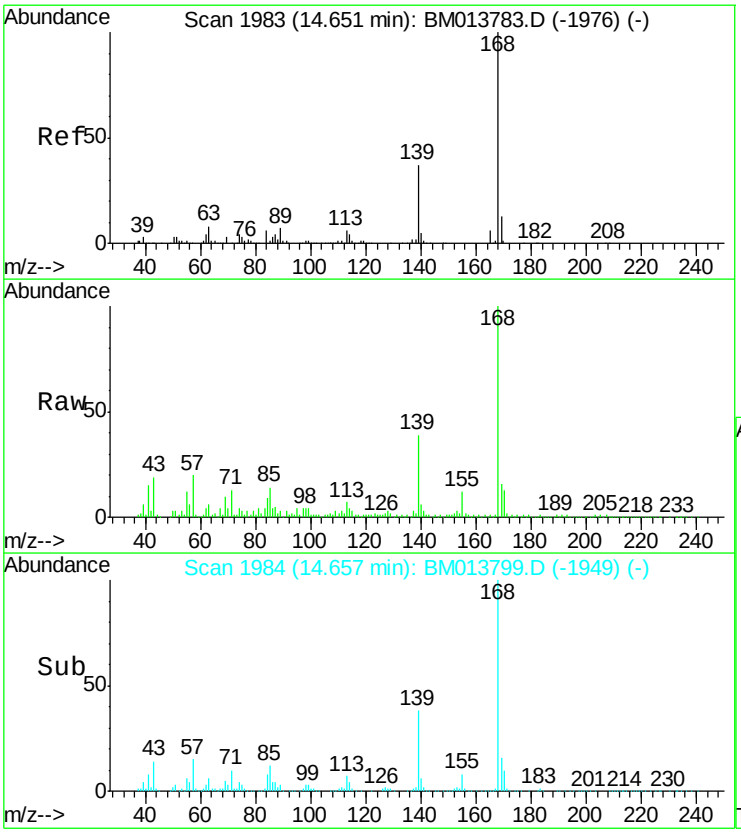
#50
2,4-Dinitrophenol
Concen: 3.991 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:184 Resp: 15455

Ion	Ratio	Lower	Upper
184	100		
63	213.3	50.1	75.1#
154	383.4	54.5	81.7#

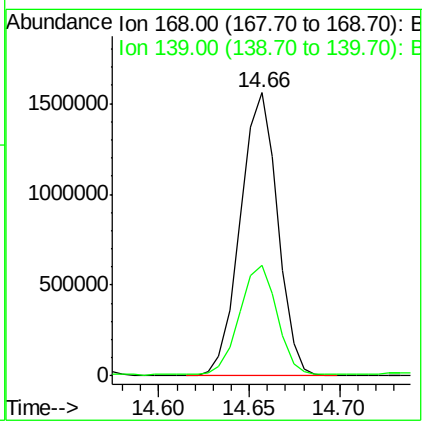


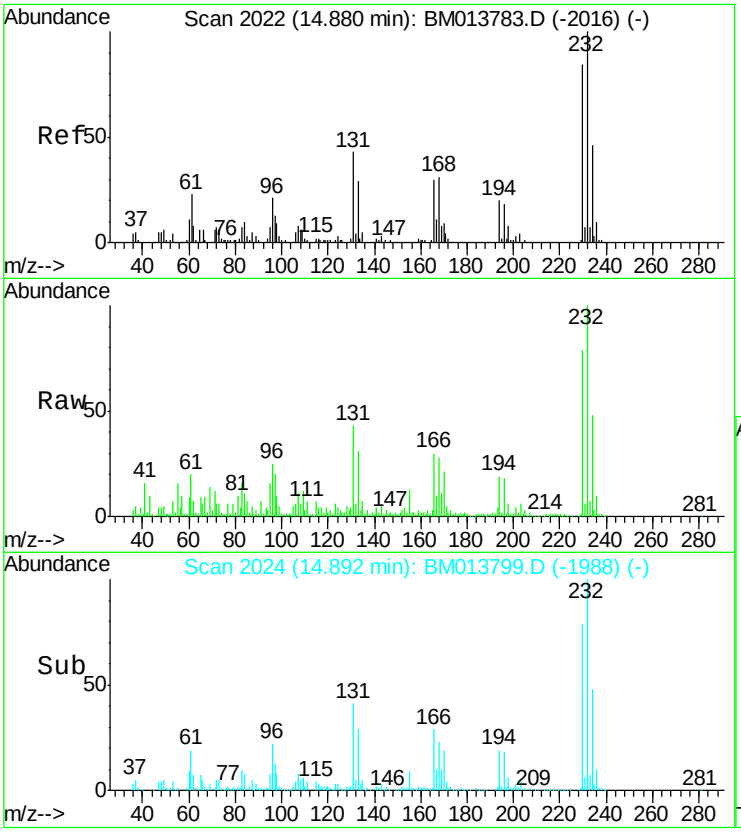


#53
Dibenzofuran
Concen: 51.524 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:168 Resp: 2220818

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.8	46.2



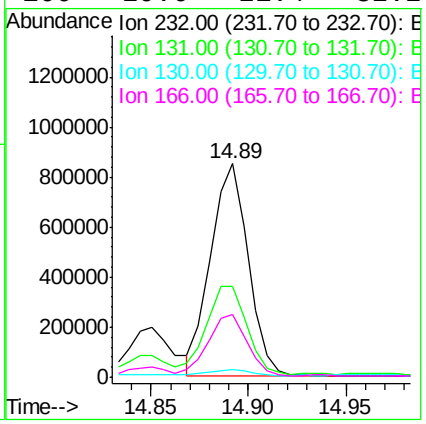


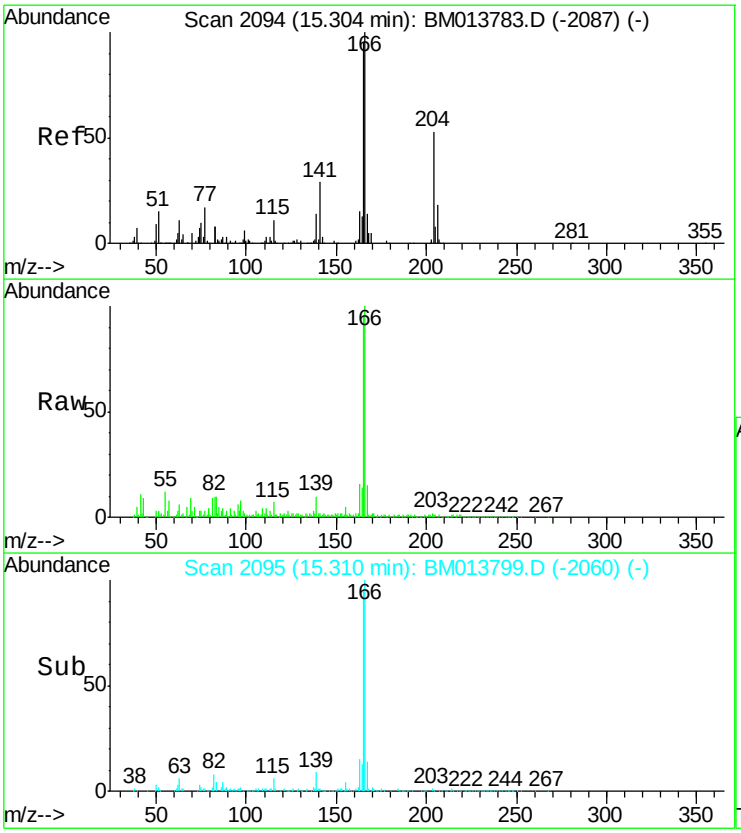
#55
2,3,4,6-Tetrachlorophenol
Concen: 125.871 ng/ul
RT: 14.89 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:232 Resp: 1136726

Ion	Ratio	Lower	Upper
232	100		
131	42.8	29.0	43.4
130	3.6	2.0	3.0#
166	29.6	21.4	32.2

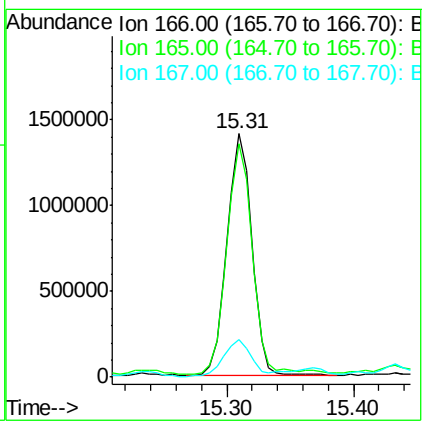


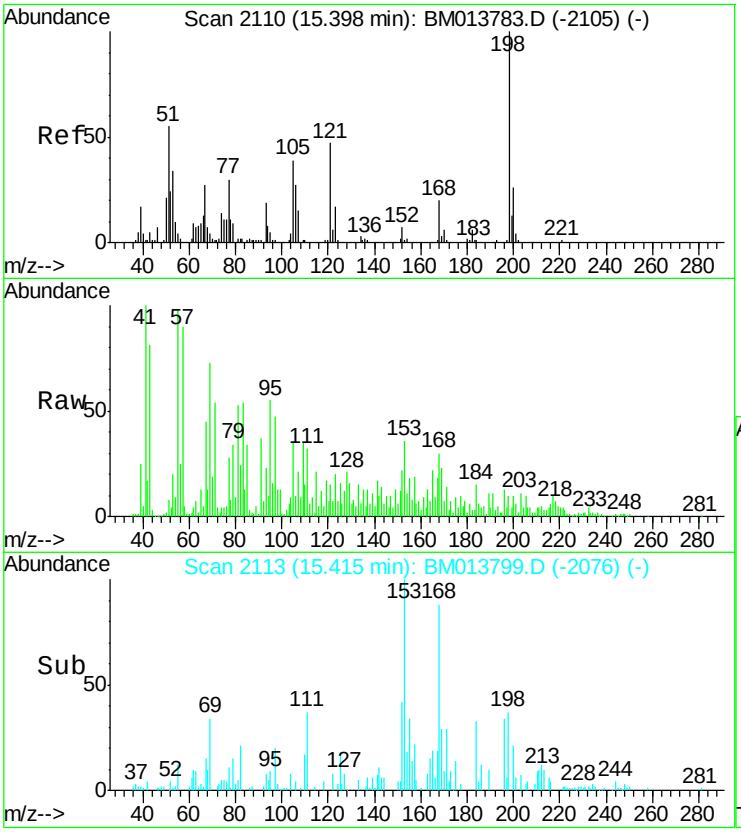


#58
Fluorene
Concen: 54.567 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:166 Resp: 1926612

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.9	116.9
167	15.4	10.6	16.0



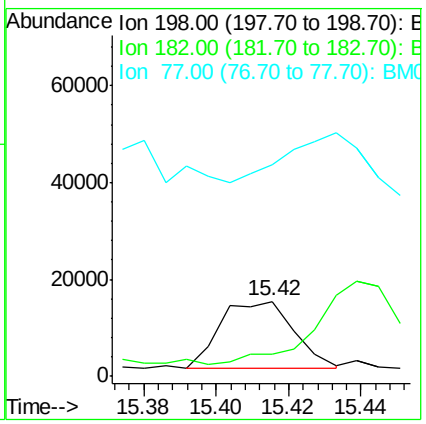


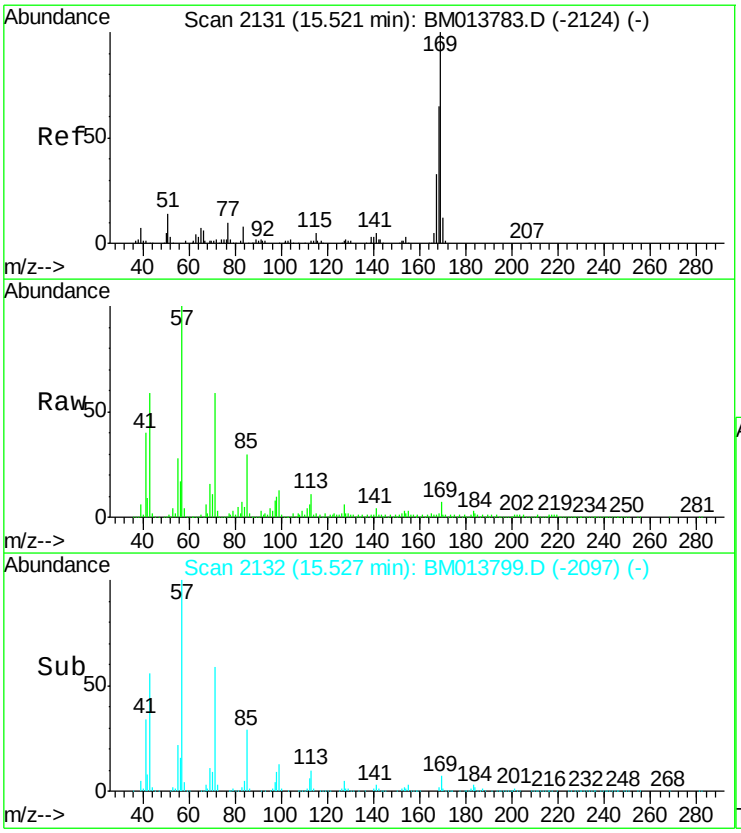
#63
4,6-Dinitro-2-methylphenol
Concen: 3.766 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. 0.02 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:198 Resp: 19774

Ion	Ratio	Lower	Upper
198	100		
182	28.8	3.8	5.6#
77	282.2	25.2	37.8#

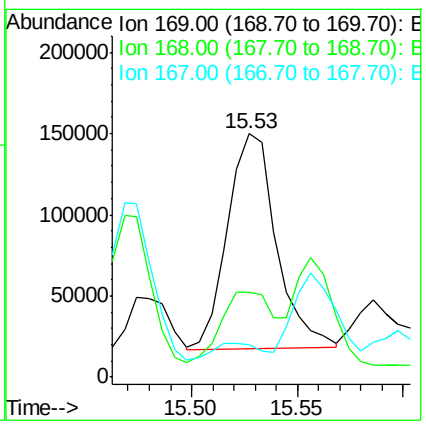


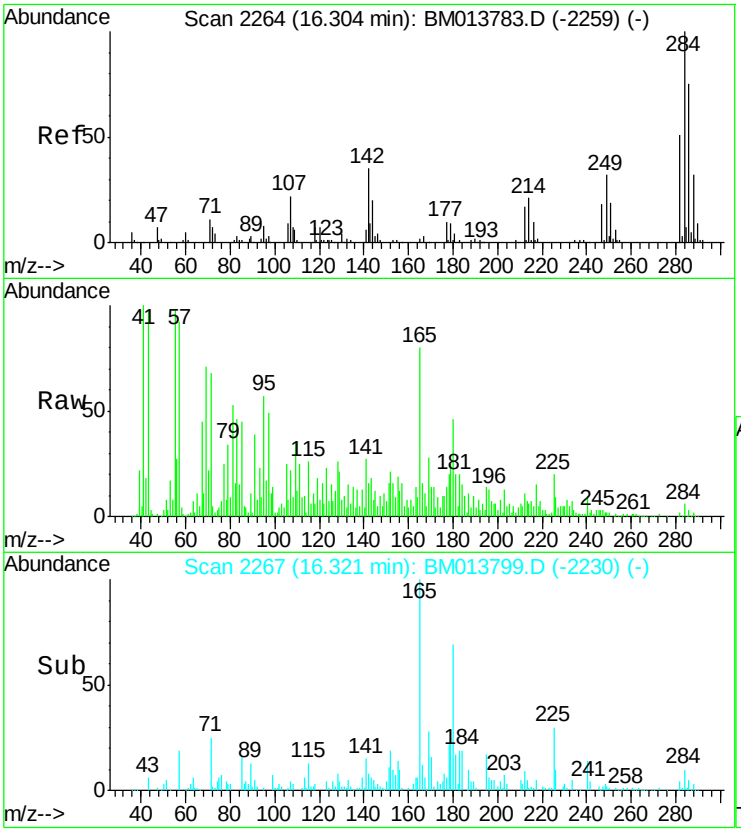


#64
N-Nitrosodiphenylamine
Concen: 8.746 ng/ul
RT: 15.53 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:169 Resp: 212576

Ion	Ratio	Lower	Upper
169	100		
168	35.1	54.0	81.0#
167	13.5	29.1	43.7#



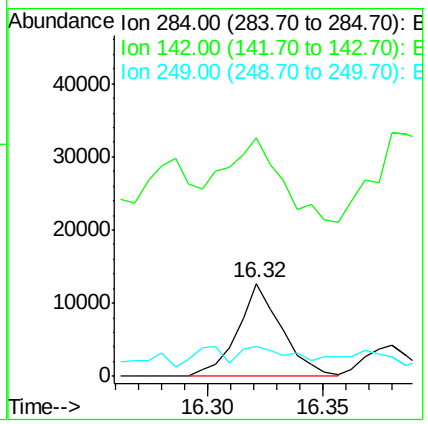


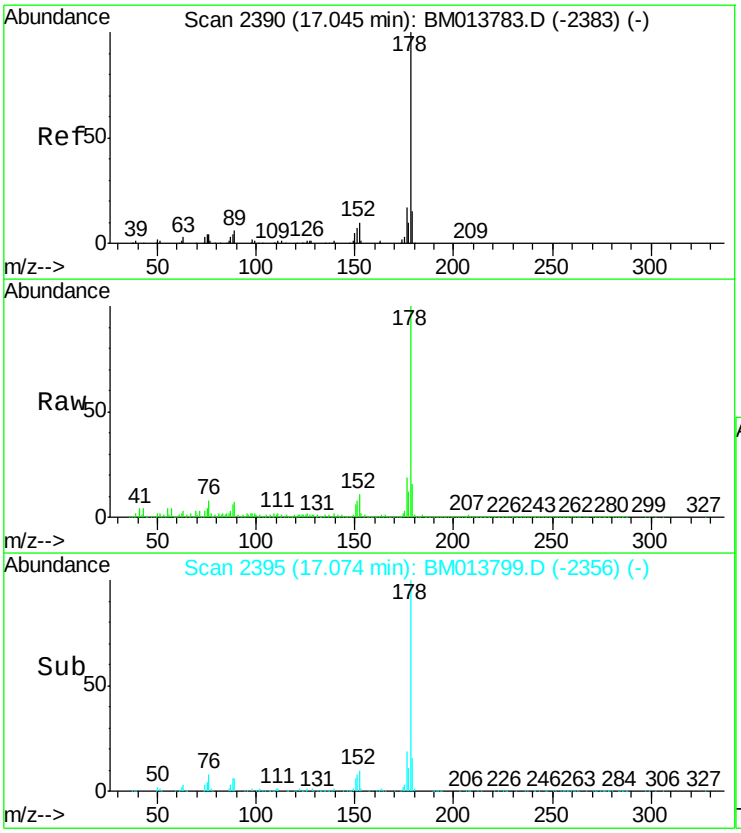
#66
Hexachlorobenzene
Concen: 1.607 ng/ul
RT: 16.32 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:284 Resp: 16880

Ion	Ratio	Lower	Upper
284	100		
142	257.0	21.2	31.8#
249	32.6	24.5	36.7

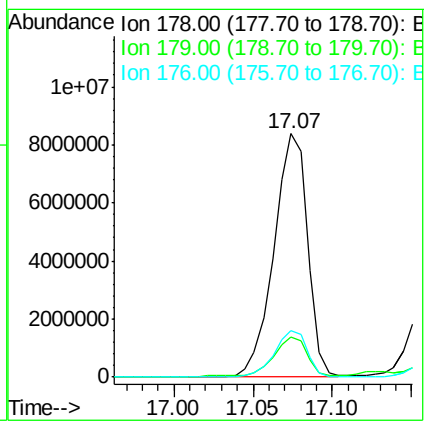


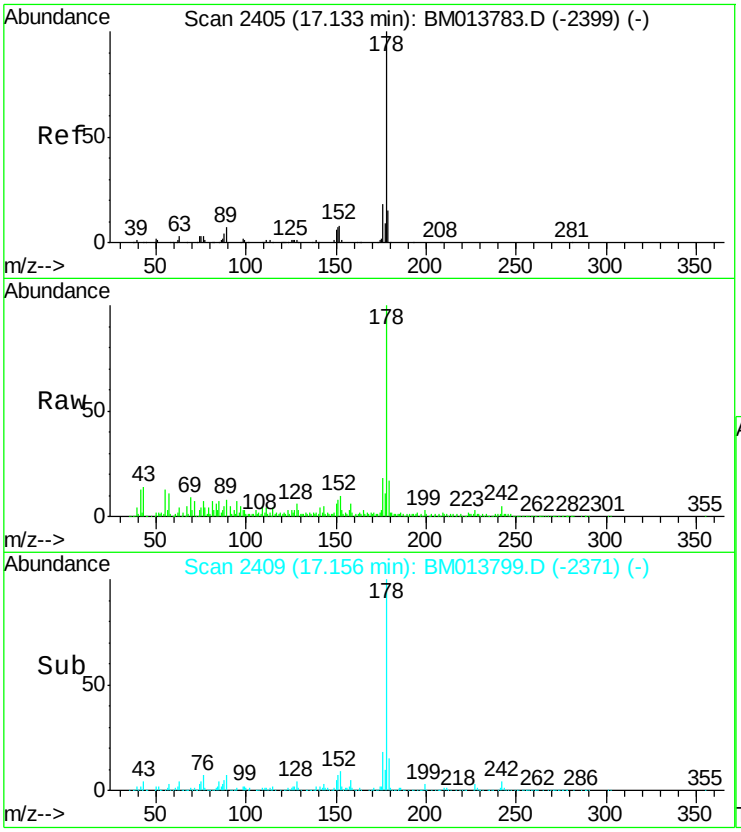


#69
Phenanthrene
Concen: 267.551 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.03 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:178 Resp:12290566

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	19.3	14.9	22.3



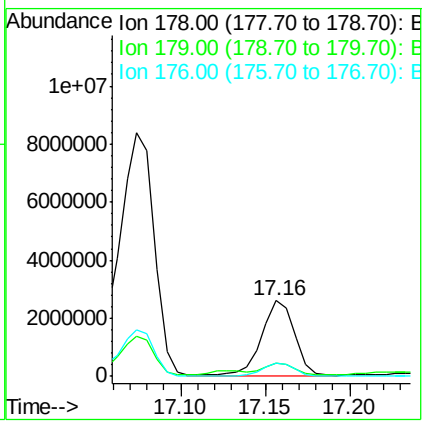


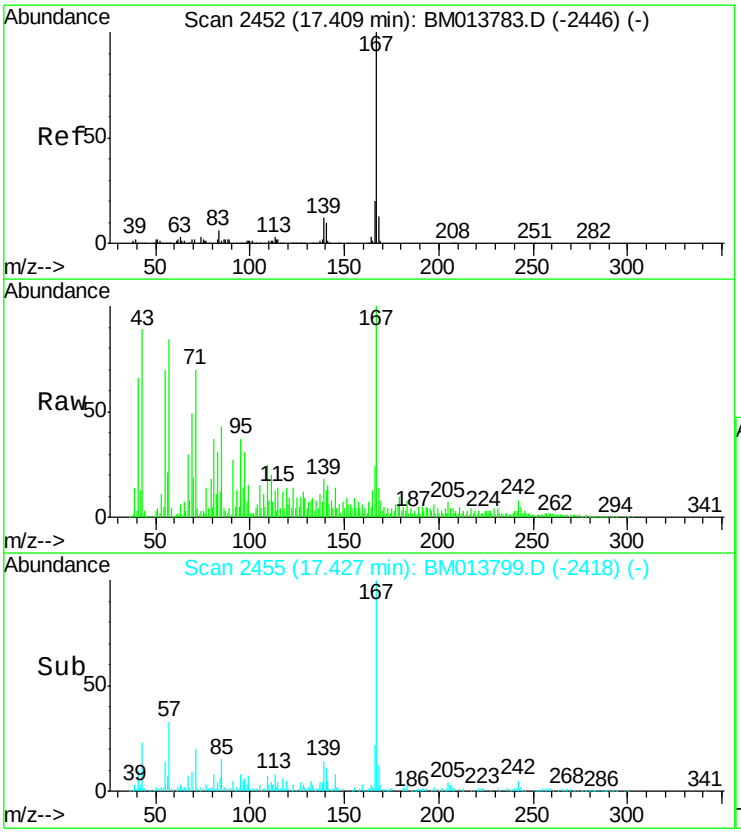
#71
Anthracene
Concen: 73.831 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. 0.02 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:178 Resp: 3498255

Ion	Ratio	Lower	Upper
178	100		
179	17.5	11.7	17.5
176	18.1	14.6	21.8

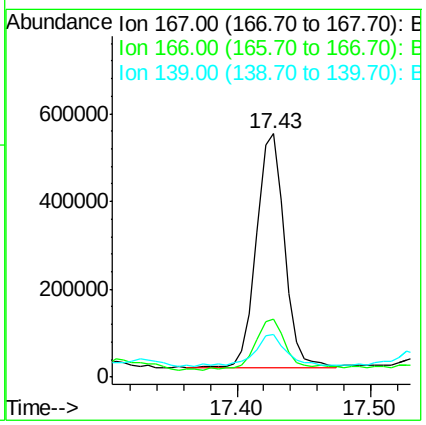


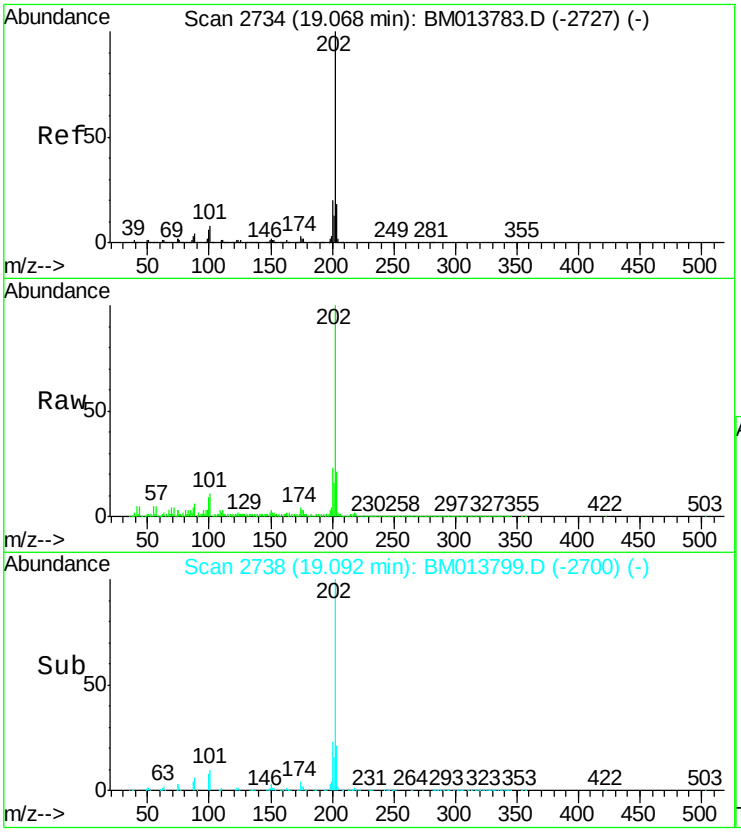


#72
Carbazole
Concen: 19.672 ng/ul
RT: 17.43 min Scan# 2455
Delta R.T. 0.02 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:167 Resp: 769420

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.1	25.7
139	17.7	10.0	15.0#



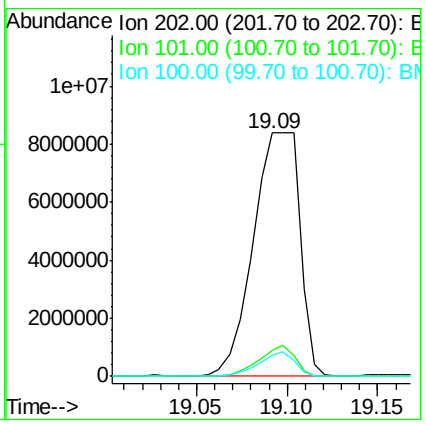


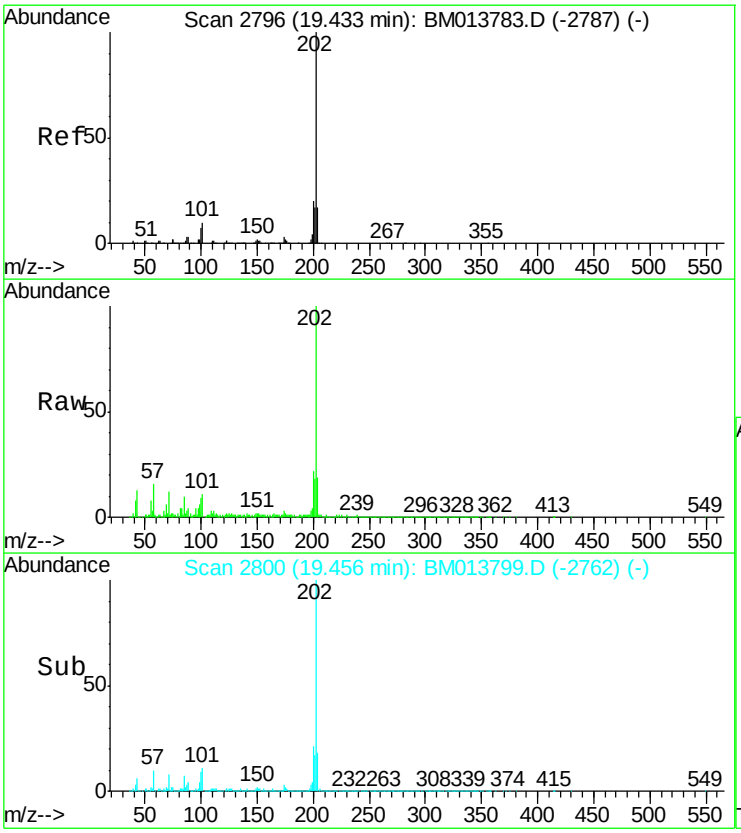
#74
Fluoranthene
Concen: 271.911 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. 0.02 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:202 Resp:14910080

Ion	Ratio	Lower	Upper
202	100		
101	10.6	4.6	7.0#
100	8.6	3.4	5.2#

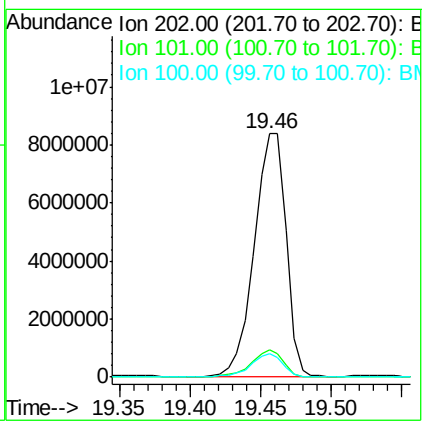


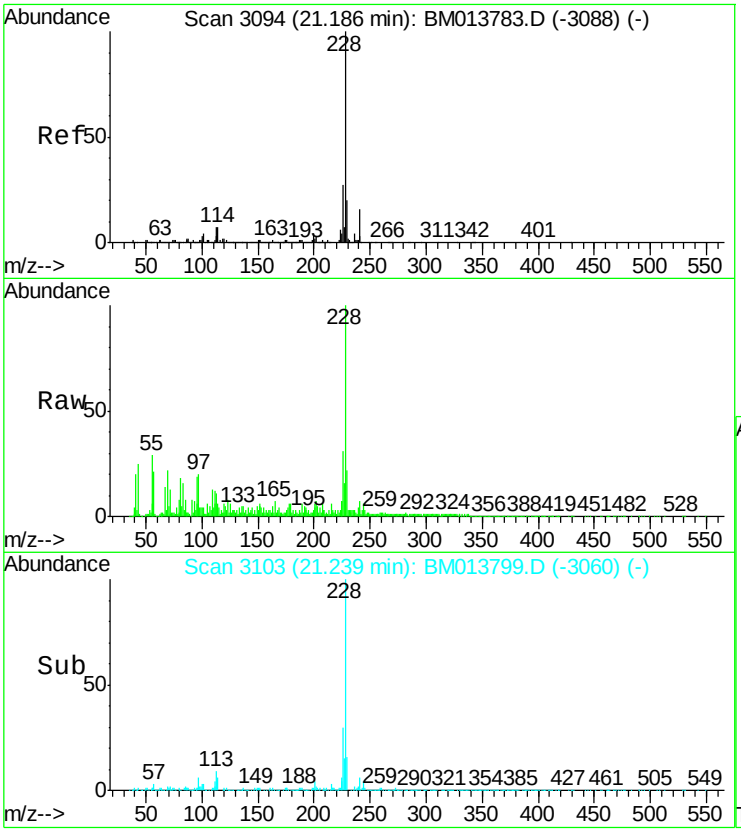


#77
Pyrene
Concen: 236.275 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. 0.02 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:202 Resp:13269712

Ion	Ratio	Lower	Upper
202	100		
101	11.1	5.1	7.7#
100	9.5	4.9	7.3#



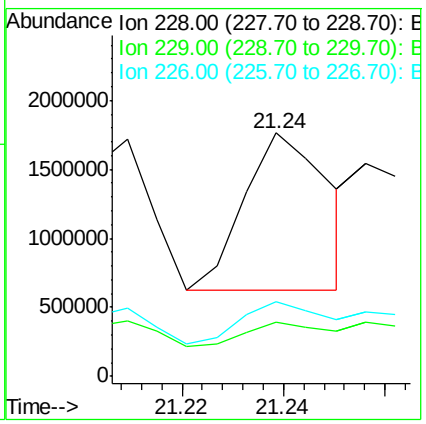


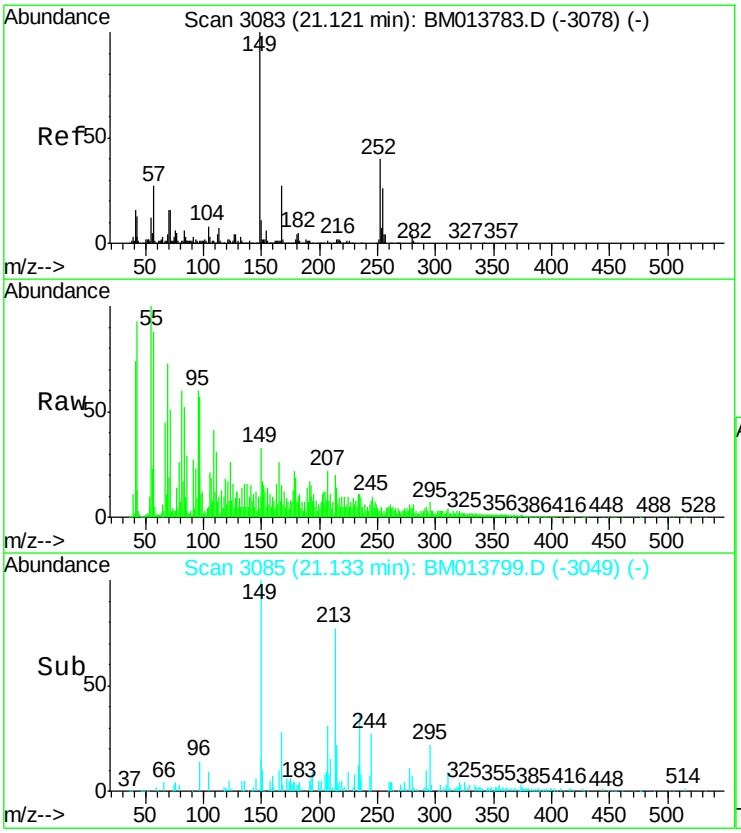
#80
Benzo(a)anthracene
Concen: 23.364 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.05 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:228 Resp: 1304242

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.4	23.0
226	30.8	21.4	32.0

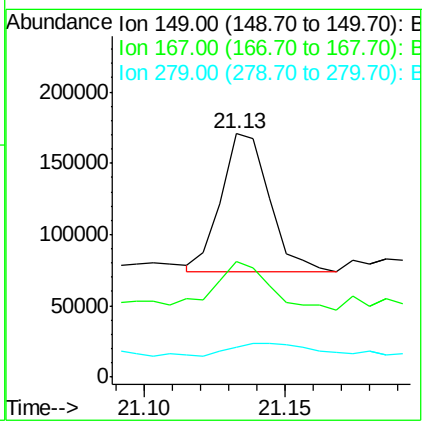


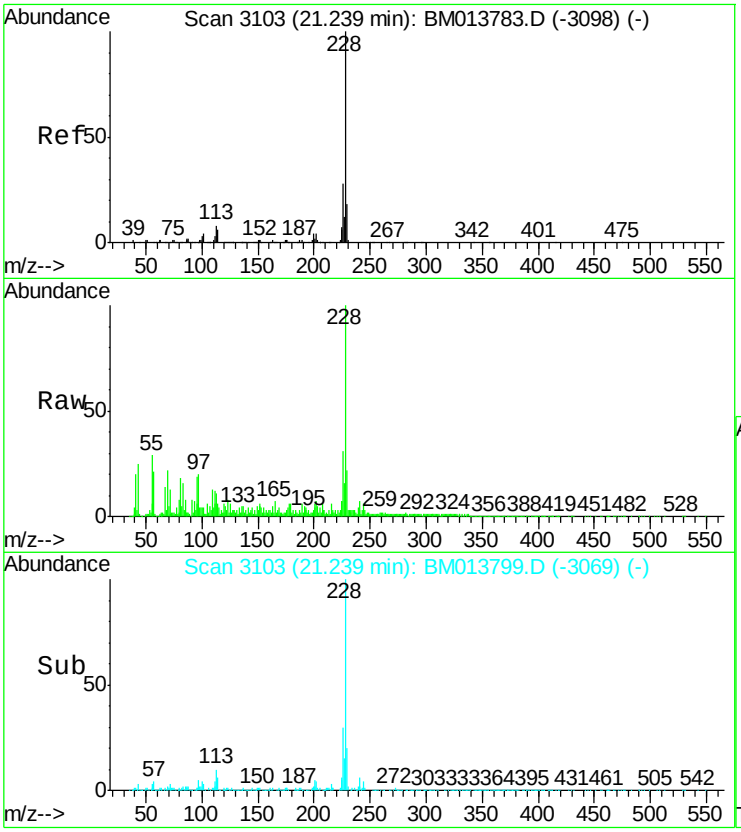


#81
Bis(2-ethylhexyl)phthalate
Concen: 3.847 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:149 Resp: 114195

Ion	Ratio	Lower	Upper
149	100		
167	47.3	22.8	34.2#
279	12.2	4.9	7.3#



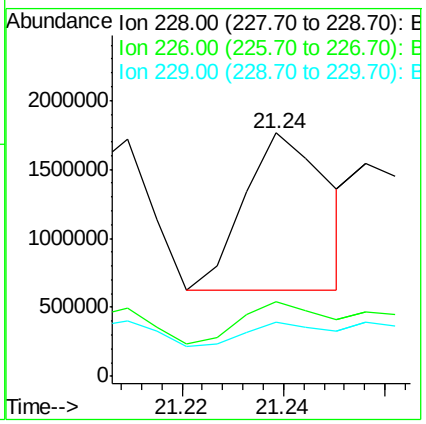


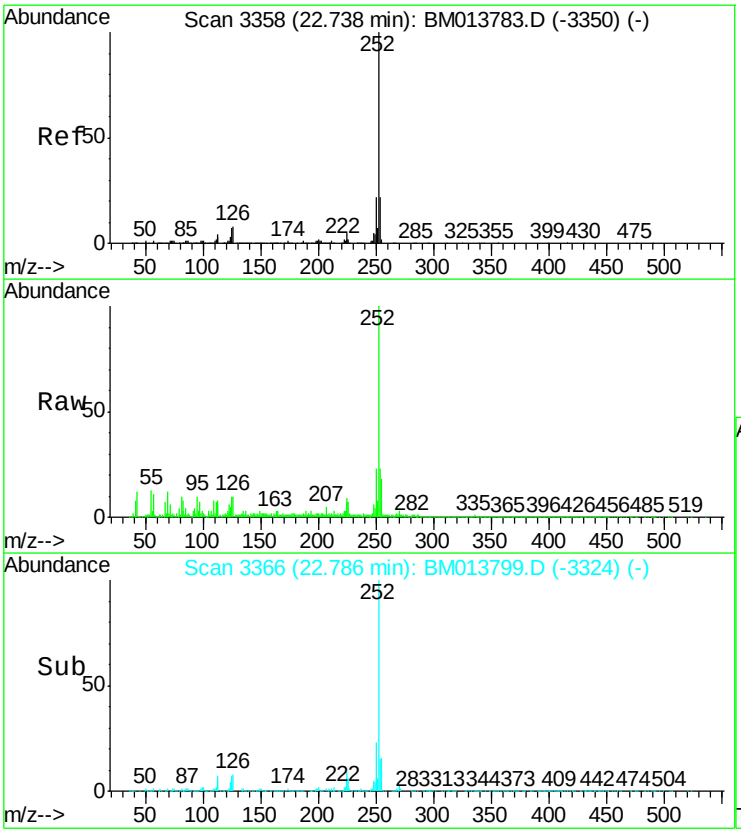
#82
Chrysene
Concen: 25.468 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:228 Resp: 1304242

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.0	15.5	23.3

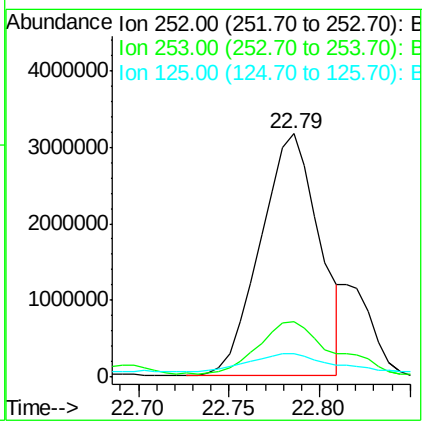


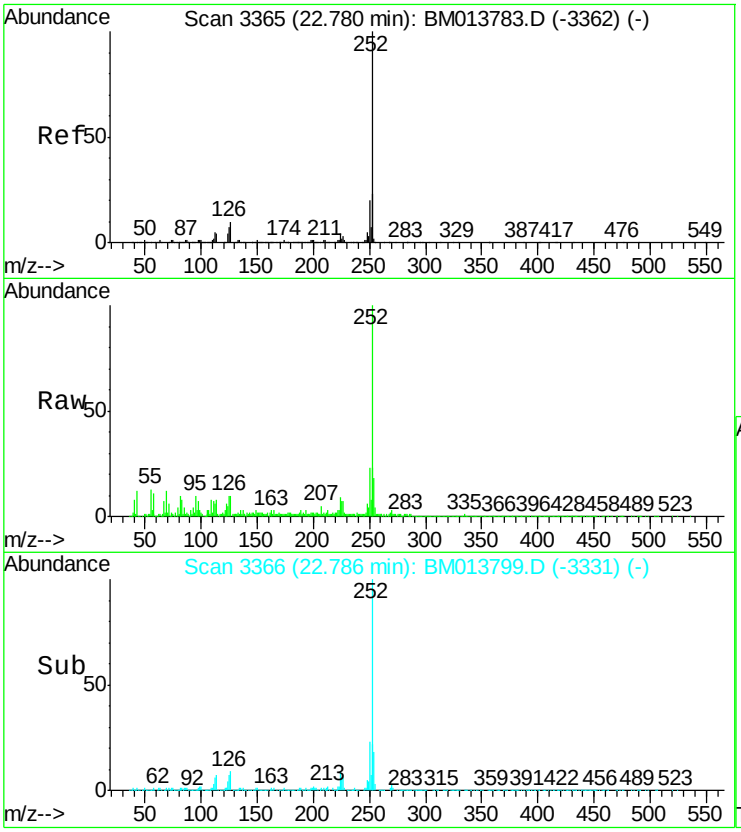


#85
Benzo(b)fluoranthene
Concen: 127.613 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.05 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:252 Resp: 7130831

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.6	3.6	5.4#



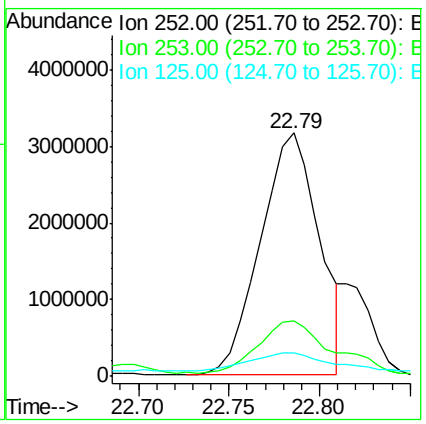


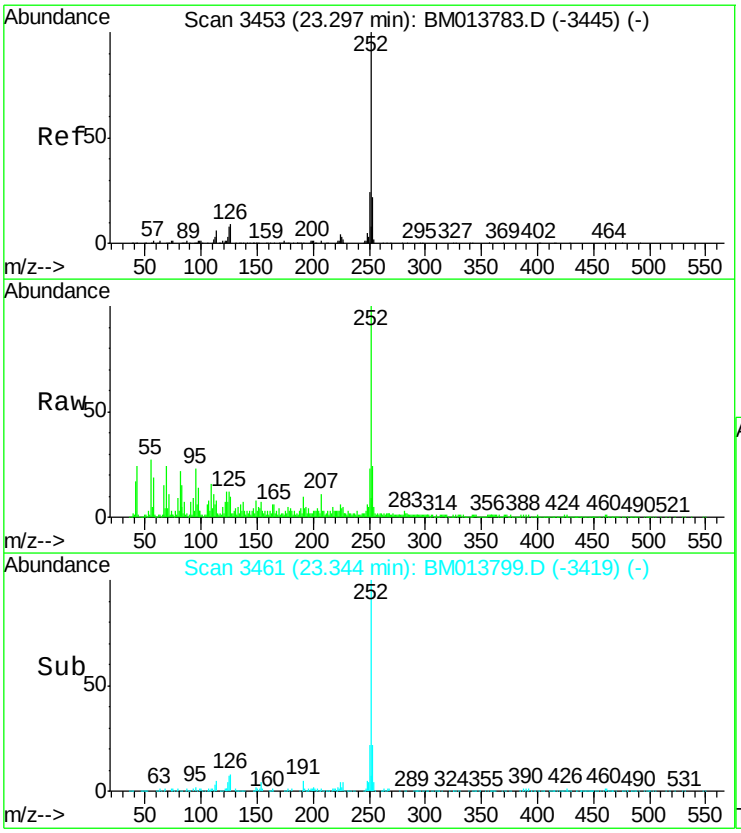
#86
Benzo(k)fluoranthene
Concen: 132.026 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:252 Resp: 7130831

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	9.6	3.4	5.2#

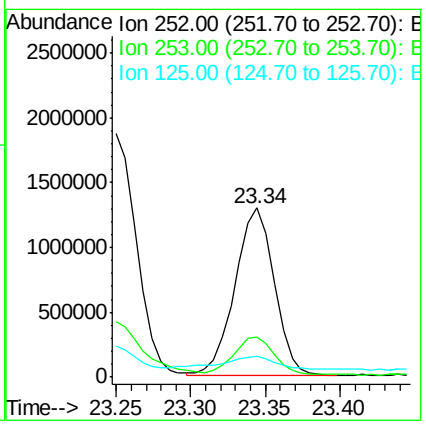


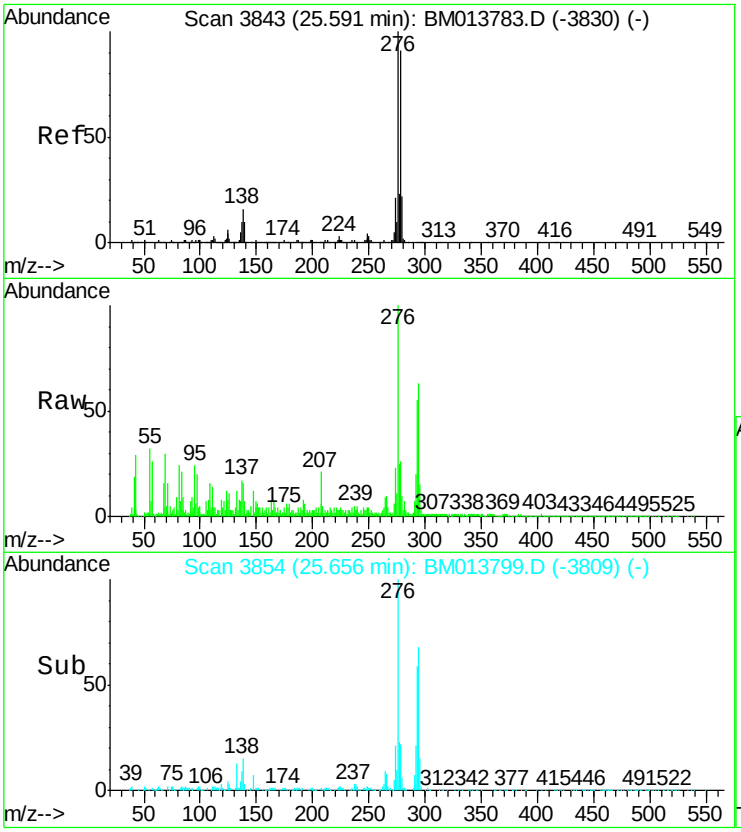


#88
Benzo(a)pyrene
Concen: 44.632 ng/ul
RT: 23.34 min Scan# 3461
Delta R.T. 0.05 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:252 Resp: 2355980

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	12.2	4.0	6.0#



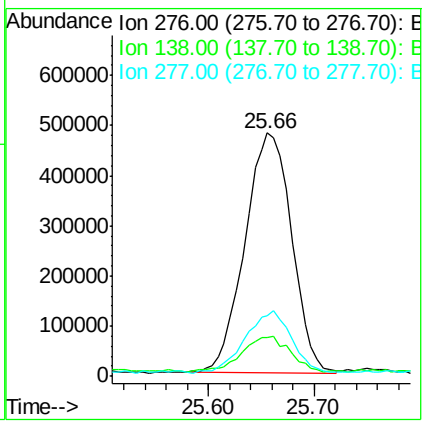


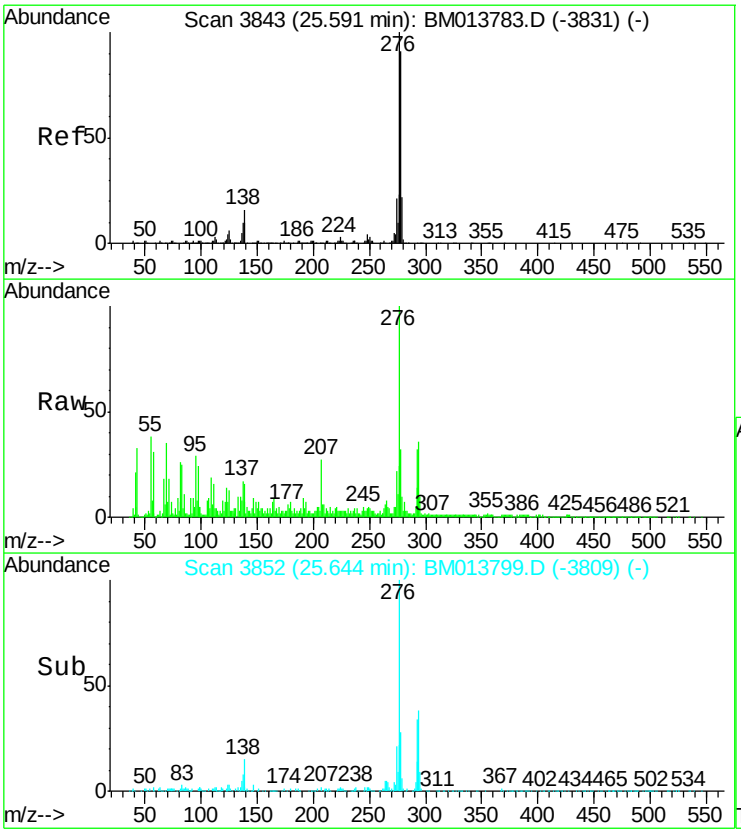
#89
Indeno(1,2,3-cd)pyrene
Concen: 23.609 ng/ul
RT: 25.66 min Scan# 3854
Delta R.T. 0.06 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:276 Resp: 1471103

Ion	Ratio	Lower	Upper
276	100		
138	16.1	9.3	13.9#
277	24.9	19.9	29.9

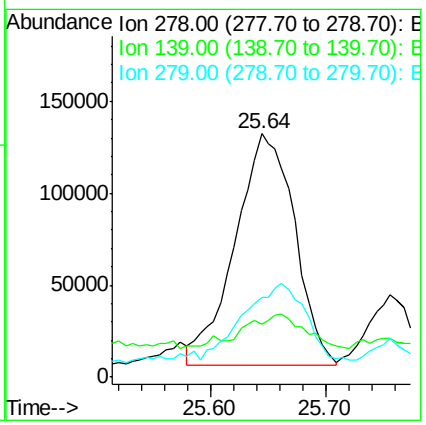


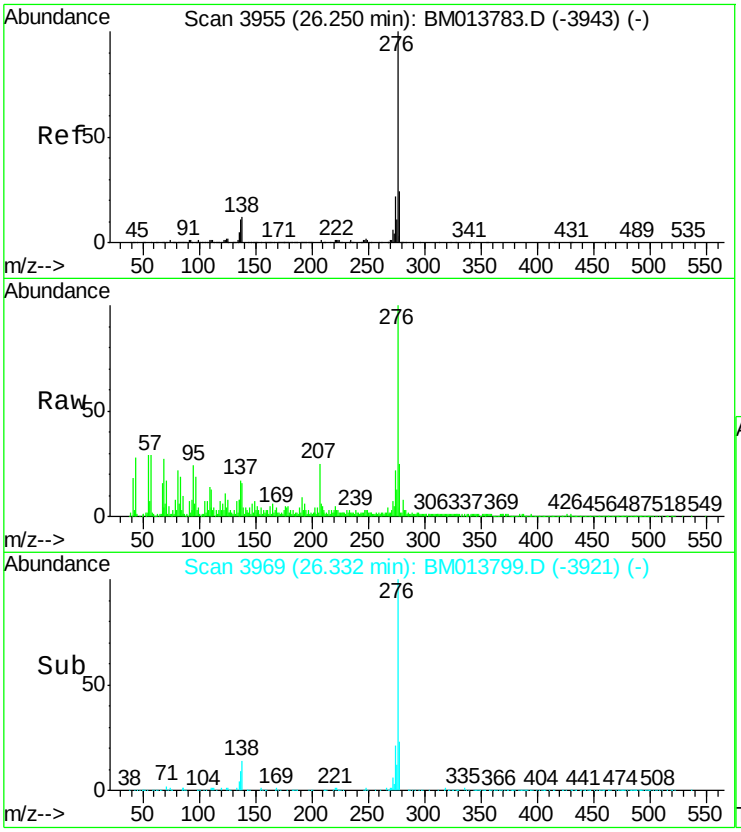


#90
Dibenzo(a,h)anthracene
Concen: 8.593 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. 0.05 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Tgt Ion:278 Resp: 452180

Ion	Ratio	Lower	Upper
278	100		
139	21.9	5.8	8.8#
279	33.0	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 25.158 ng/ul
RT: 26.33 min Scan# 3969
Delta R.T. 0.08 min
Lab File: BM013799.D
Acq: 25 Jan 2018 09:43

Instrument :
BNA_M
ClientSampleId :
F6A95

Tgt Ion:276 Resp: 1290198

Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	25.5	18.6	28.0