Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

Quantitation Report (Not Reviewed)

Data File : BM013944.D
Acq On : 29 Jan 2018 04:13
Operator : SJ/JU
Sample : J1243-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B30

Quant Time: Jan 29 06:10:50 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	164049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	638829	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	358354	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	692420	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	728719	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	761466	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	17674	4.26	ng/uL	0.00
5) Phenol-d5	6.76	99	355294	28.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	217113	28.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	310038	30.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	305987	31.61	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	154643	31.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	166198	31.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	317772	31.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	270493	30.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	861049	29.15	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1095171	29.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	107533	22.40	ng/ul	0.00
57) Fluorene-d10	15.23	176	725997	27.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	108375	26.00	ng/ul	0.00
70) Anthracene-d10	17.09	188	1070331	31.74	ng/ul	0.00
76) Pyrene-d10	19.39	212	1166976	34.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	759995	21.71	ng/ul	0.14
Target Compounds						Qvalue
6) Phenol	6.79	94	38828	3.07	ng/ul	91
28) Naphthalene	10.40	128	1769107	55.66	ng/ul	99
30) 4-Chloroaniline	10.40	127	229900	26.41	ng/ul#	9
32) Caprolactam	11.37	113	4124	1.52	ng/ul	77
34) 2-Methylnaphthalene	12.02	142	1090262	46.01	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	188097	6.31	ng/ul	99
44) Dimethylphthalate	13.70	163	197361	6.80	ng/ul#	98
47) Acenaphthylene	13.95	152	147402	4.28	ng/ul#	91
49) Acenaphthene	14.29	153	944565	39.58	ng/ul	99
53) Dibenzofuran	14.63	168	2327552	64.83	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.87	232	22792	3.03	ng/ul#	73
58) Fluorene	15.29	166	757515	25.76	ng/ul	97
68) Pentachlorophenol	16.64	266	699147	149.46	ng/ul	97
69) Phenanthrene	17.04	178	9941783	258.30	ng/ul	99
71) Anthracene	17.12	178	3669963	92.44	ng/ul	99
72) Carbazole	17.40	167	964688	29.44	ng/ul	99
73) Di-n-butylphthalate	17.96	149	614996	15.96	ng/ul	99
74) Fluoranthene	19.06	202	8624240	187.71	ng/ul#	94
77) Pyrene	19.43	202	5889104	132.93	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	975187	22.15	ng/ul	98
82) Chrysene	21.23	228	833929	20.64	ng/ul	95
85) Benzo(b)fluoranthene	22.73	252	610587	13.06	ng/ul#	97
86) Benzo(k)fluoranthene	22.77	252	173147	3.83	ng/ul#	96

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

Quantitation Report (Not Reviewed)

Data File : BM013944.D
Acq On : 29 Jan 2018 04:13
Operator : SJ/JU
Sample : J1243-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B30

Quant Time: Jan 29 06:10:50 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	23.28	252	270760	6.13	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.56	276	110923	2.13	ng/ul#	92
91) Benzo(g,h,i)perylene	26.22	276	72702	1.69	ng/ul#	96

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

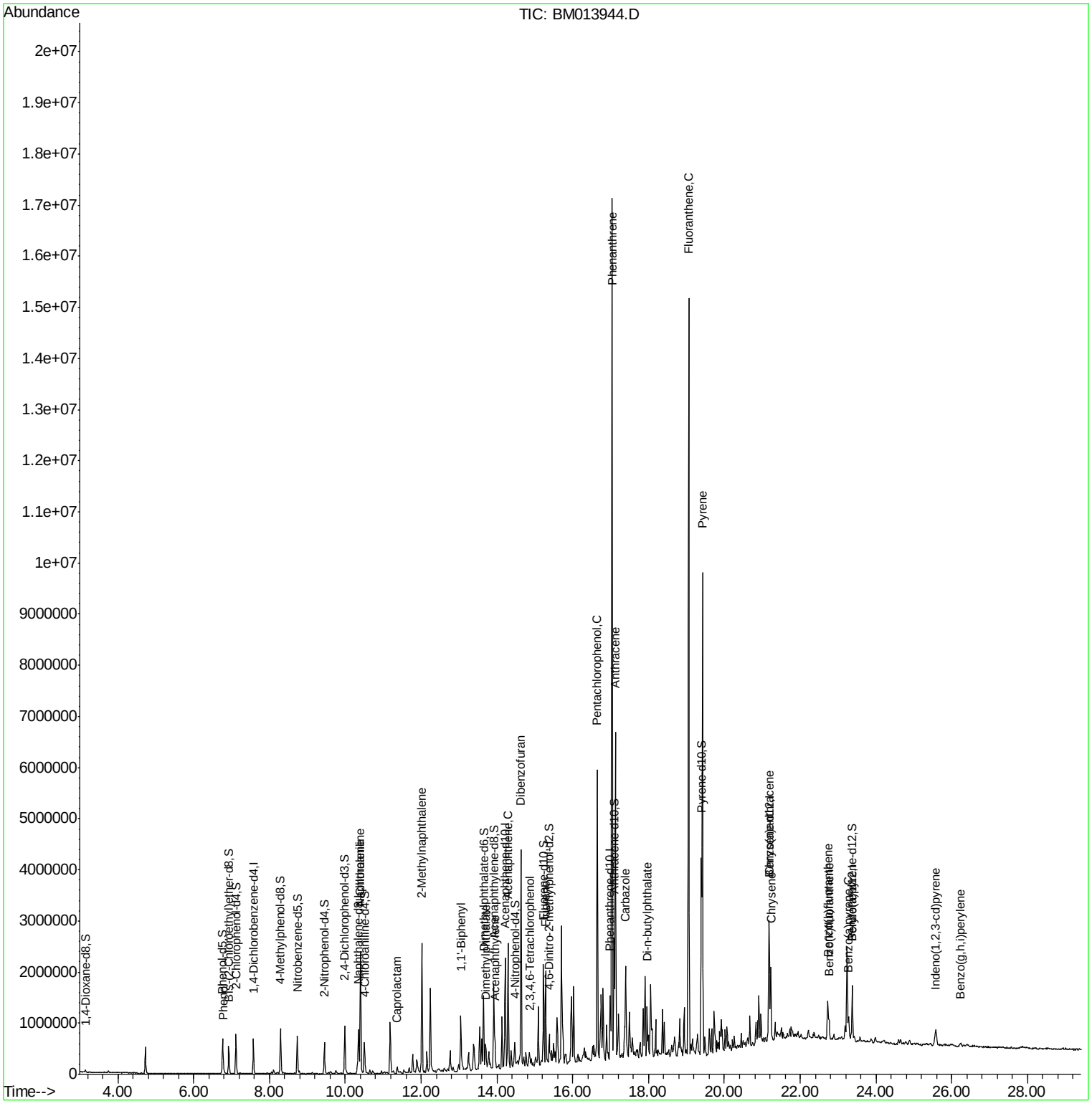
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

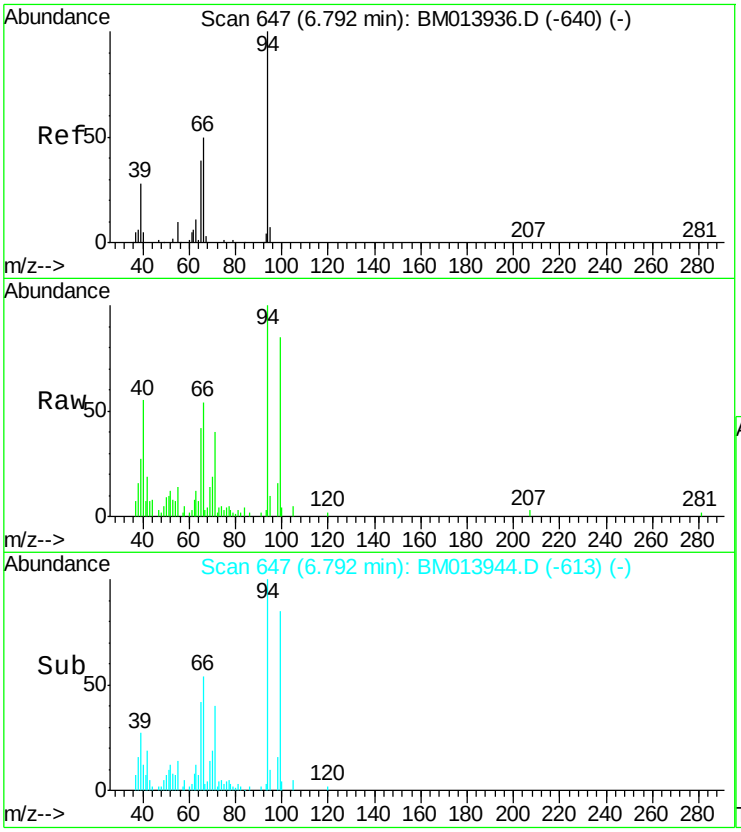
Quantitation Report (Not Reviewed)

Data File : BM013944.D
Acq On : 29 Jan 2018 04:13
Operator : SJ/JU
Sample : J1243-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B30

Quant Time: Jan 29 06:10:50 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration



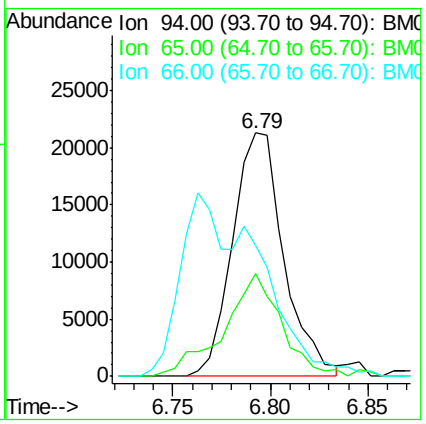


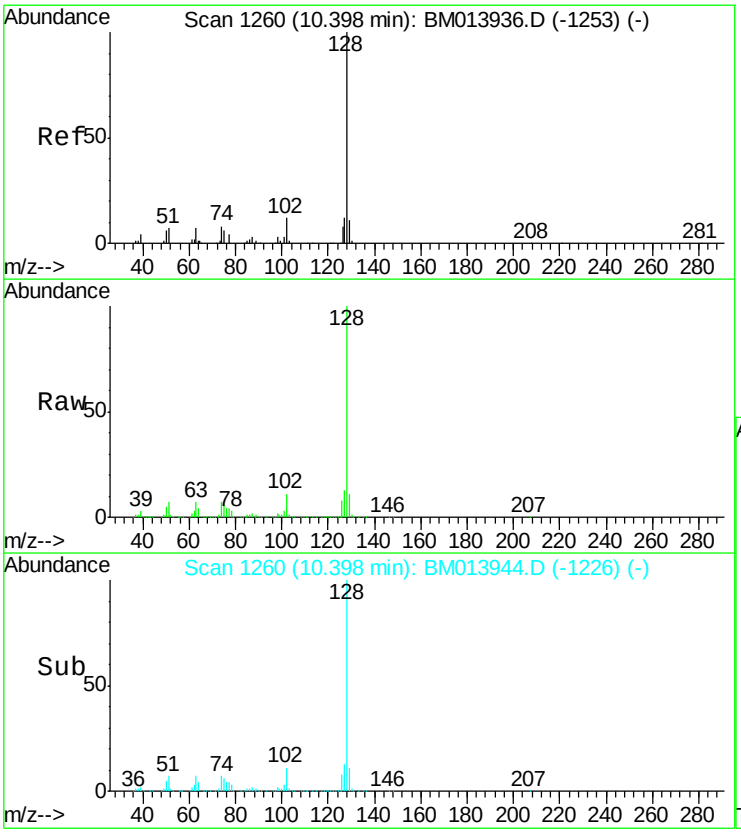
#6
Phenol
Concen: 3.07 ng/ul
RT: 6.79 min Scan# 647
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion: 94 Resp: 38828

Ion	Ratio	Lower	Upper
94	100		
65	42.2	28.2	42.4
66	53.6	47.2	70.8

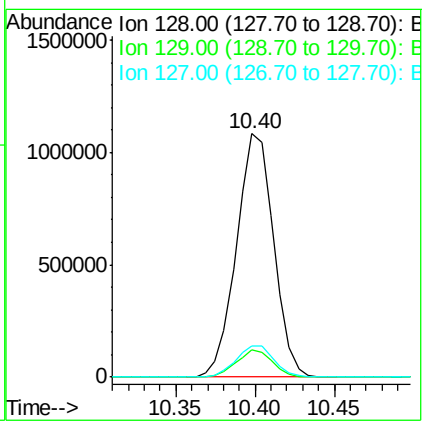


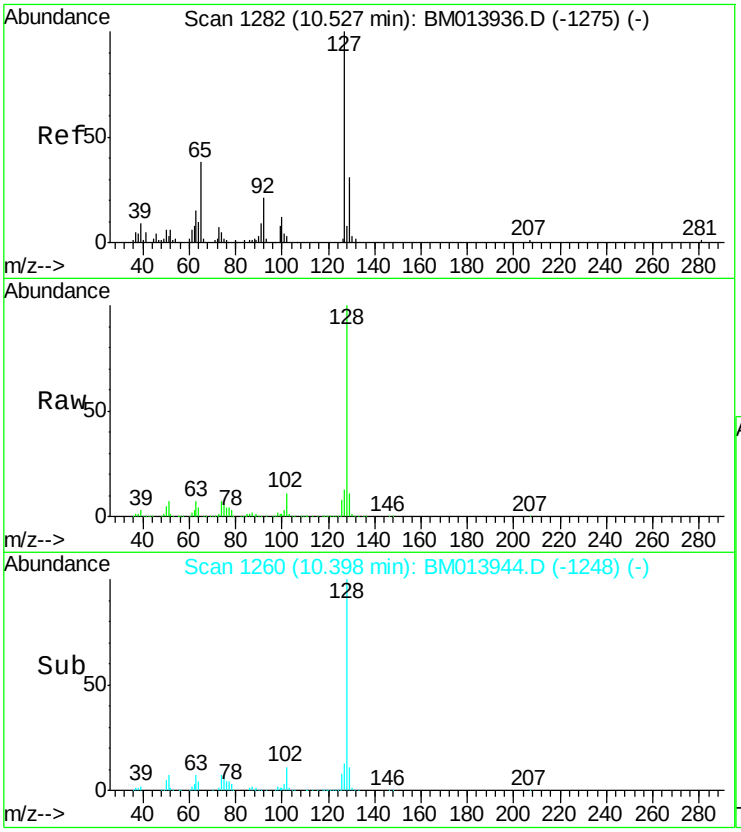


#28
Naphthalene
Concen: 55.66 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:128 Resp: 1769107

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	12.8	10.6	16.0



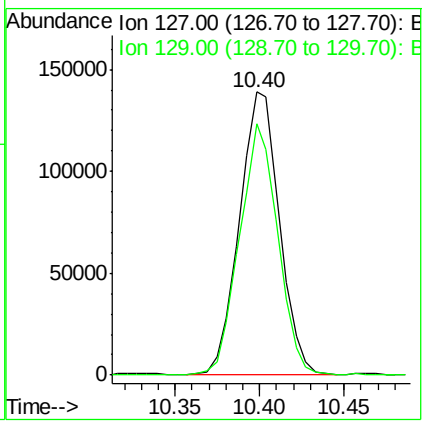


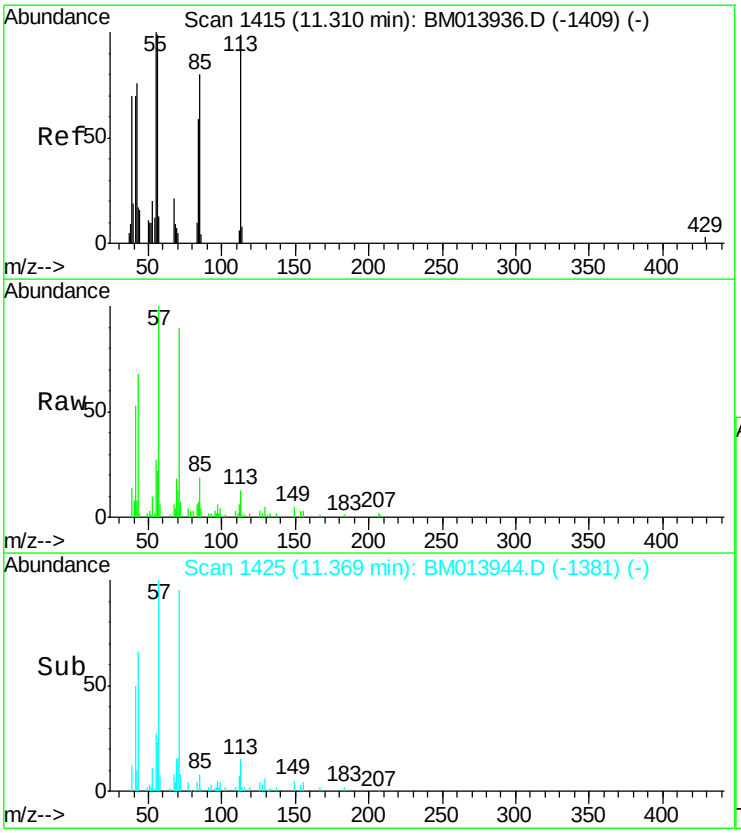
#30
4-Chloroaniline
Concen: 26.41 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.13 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:127 Resp: 229900

Ion	Ratio	Lower	Upper
127	100		
129	88.6	28.4	42.6#

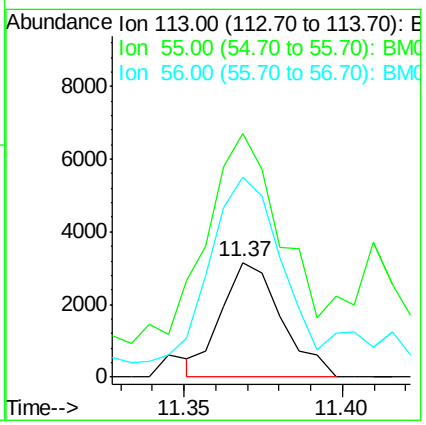


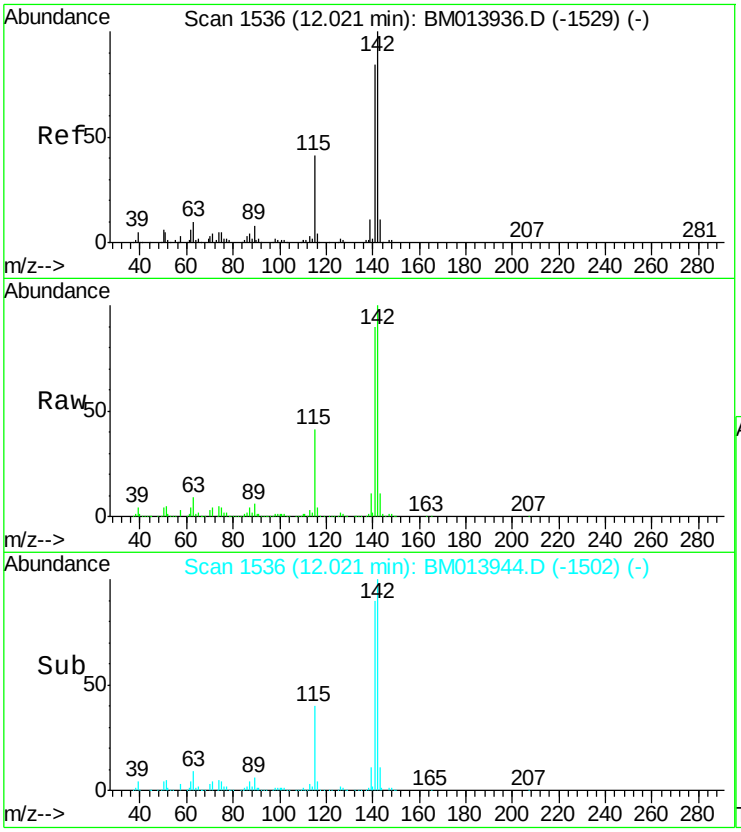


#32
Caprolactam
Concen: 1.52 ng/ul
RT: 11.37 min Scan# 1425
Delta R.T. 0.06 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:113 Resp: 4124

Ion	Ratio	Lower	Upper
113	100		
55	211.9	208.0	312.0
56	173.7	160.0	240.0



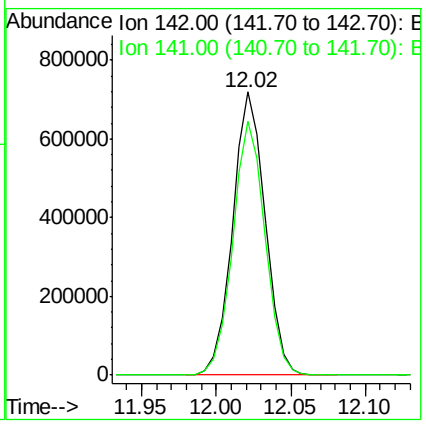


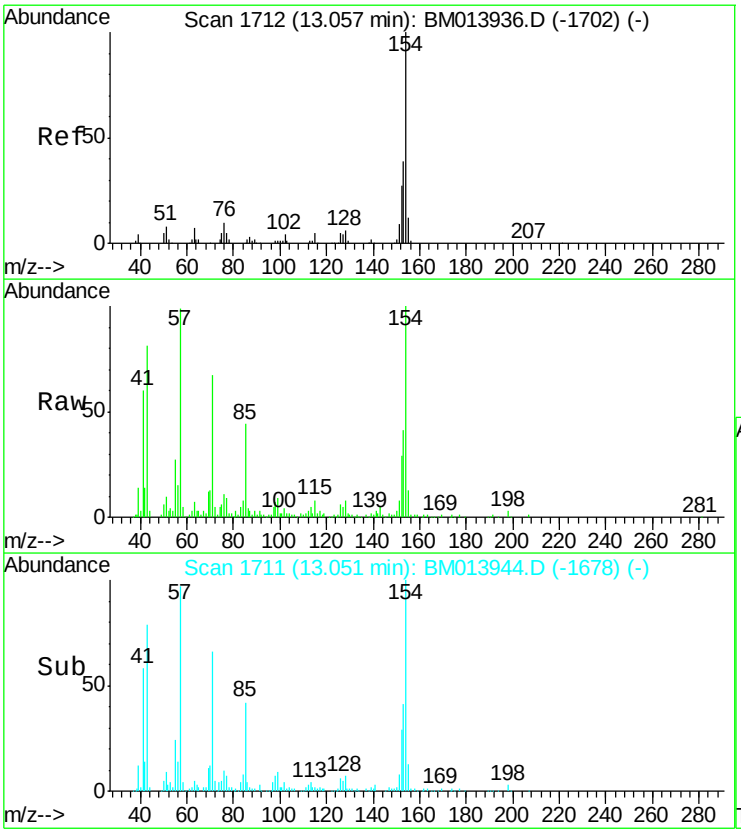
#34
2-Methylnaphthalene
Concen: 46.01 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:142 Resp: 1090262

Ion	Ratio	Lower	Upper
142	100		
141	89.6	74.1	111.1

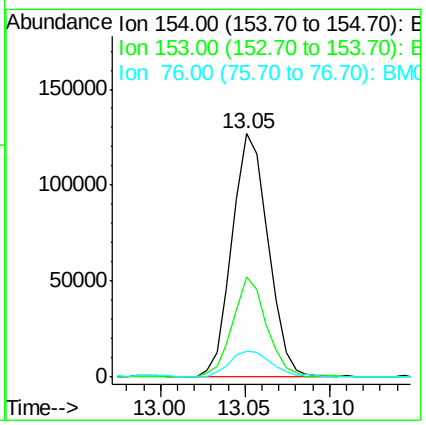


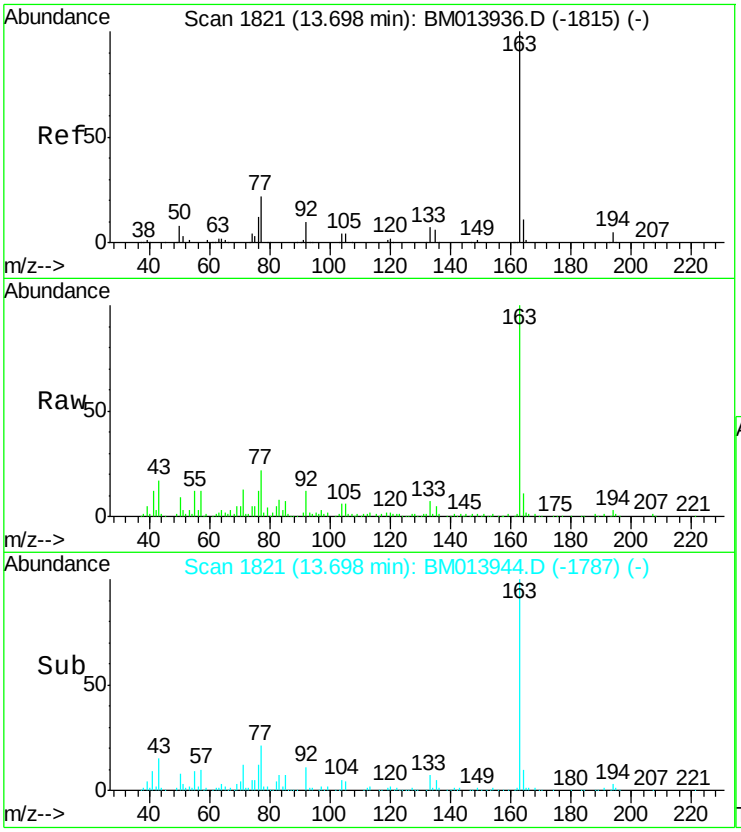


#40
1,1'-Biphenyl
Concen: 6.31 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:154 Resp: 188097

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	48.8
76	10.9	8.5	12.7



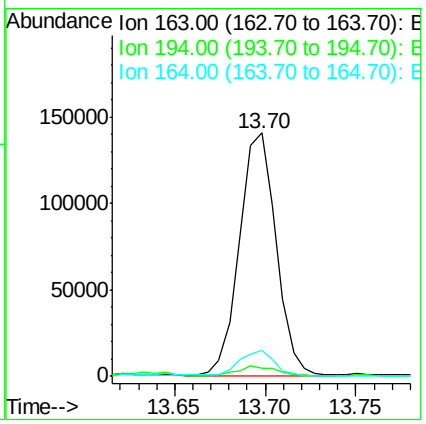


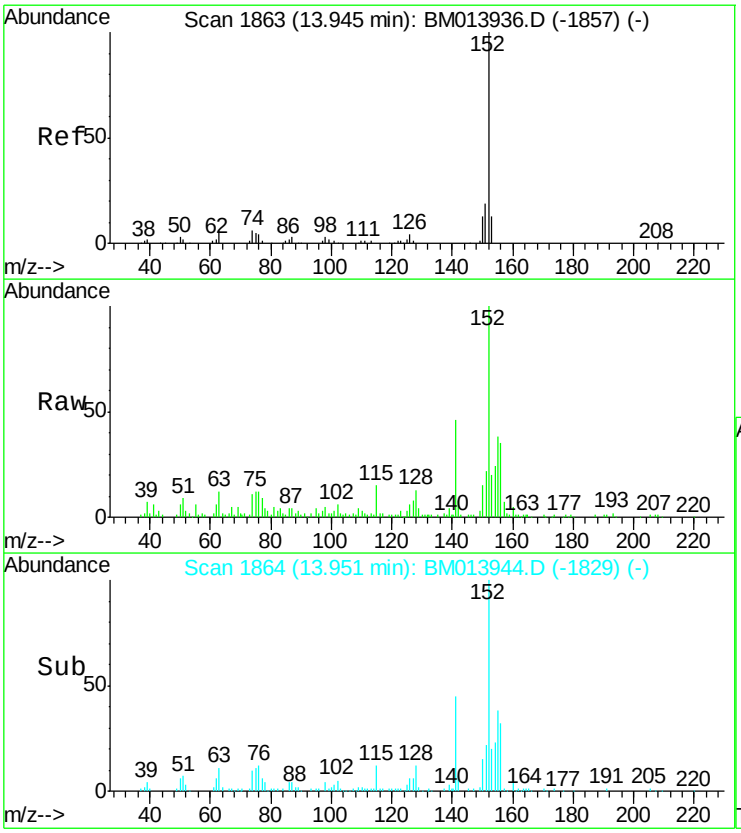
#44
Dimethylphthalate
Concen: 6.80 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:163 Resp: 197361

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.5	5.3#
164	10.7	8.2	12.4

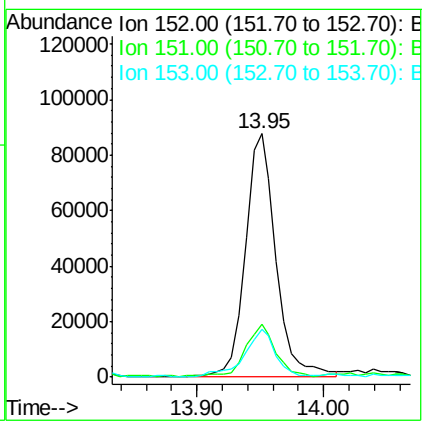


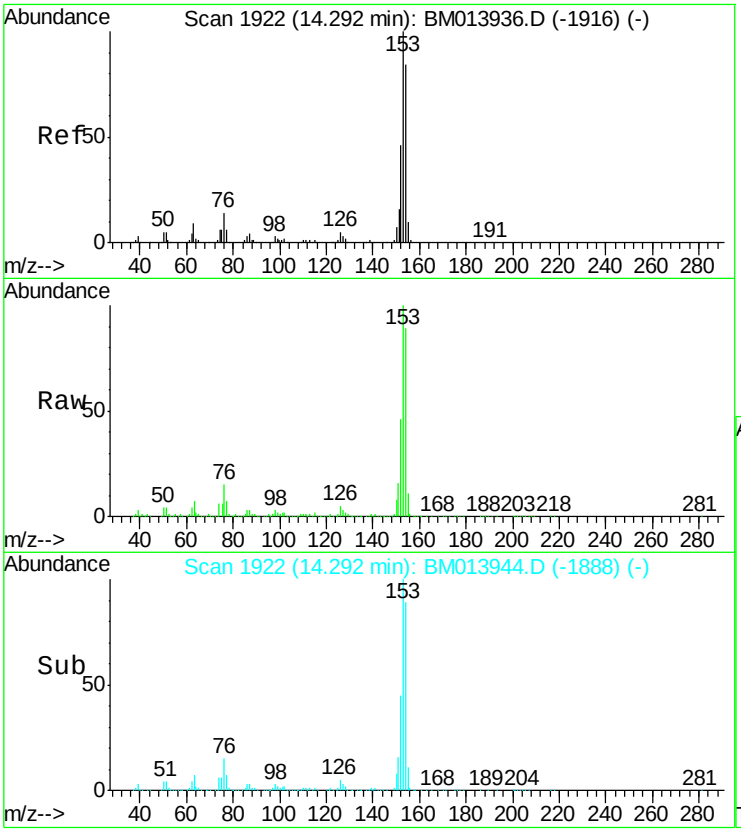


#47
Acenaphthylene
Concen: 4.28 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:152 Resp: 147402

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	19.6	10.2	15.4#



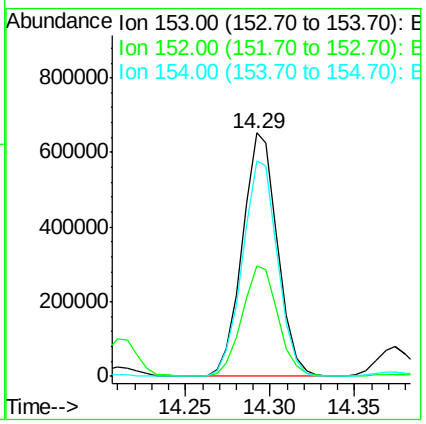


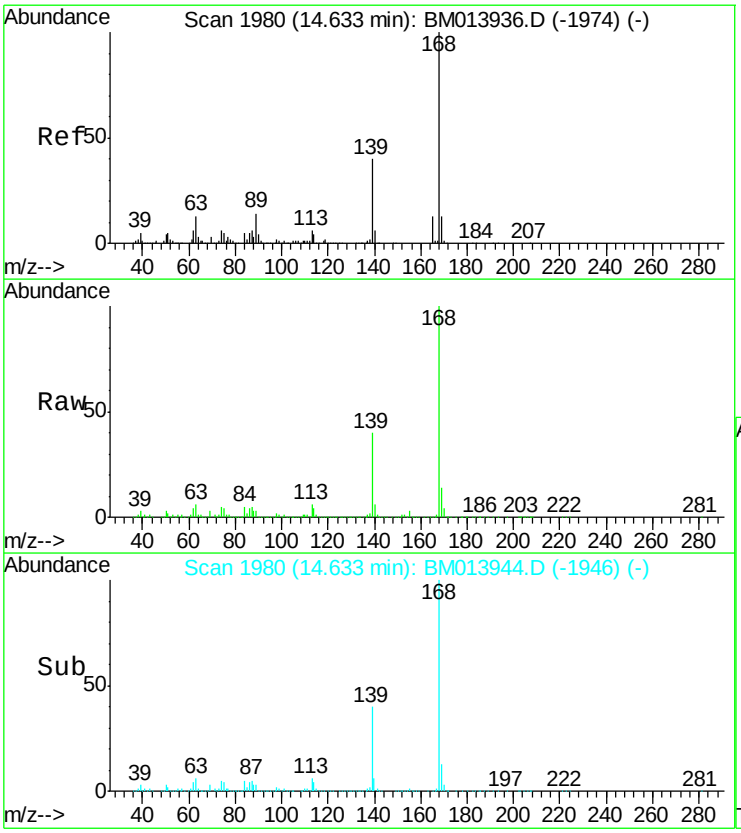
#49
Acenaphthene
Concen: 39.58 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:153 Resp: 944565

Ion	Ratio	Lower	Upper
153	100		
152	45.6	37.6	56.4
154	88.7	70.4	105.6

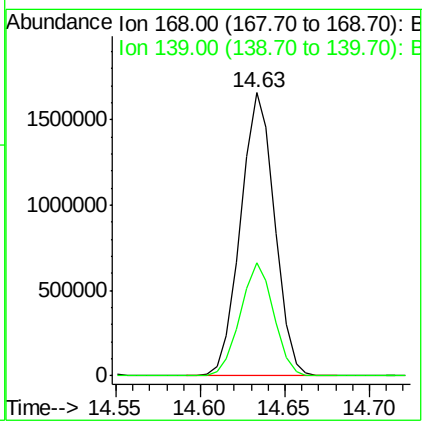


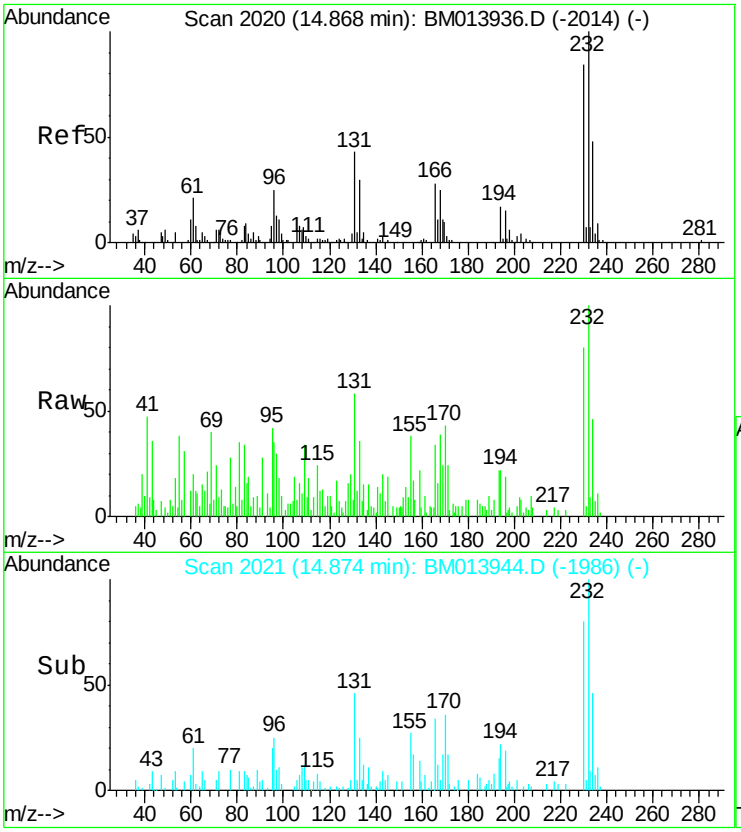


#53
Dibenzofuran
Concen: 64.83 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:168 Resp: 2327552

Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.8	46.2



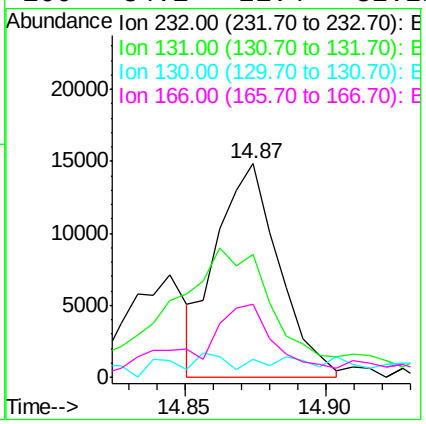


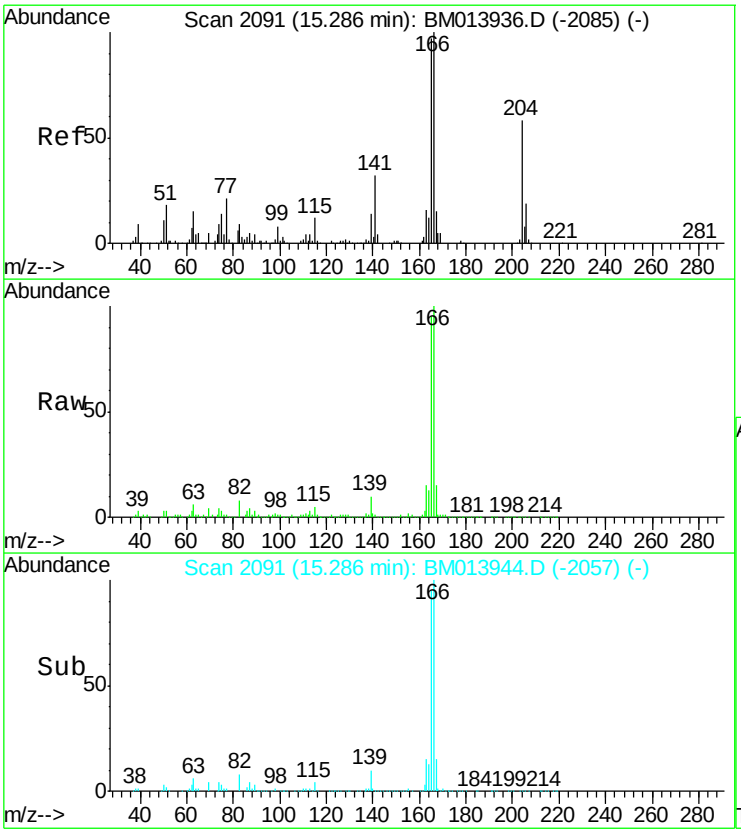
#55
2,3,4,6-Tetrachlorophenol
Concen: 3.03 ng/ul
RT: 14.87 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:232 Resp: 22792

Ion	Ratio	Lower	Upper
232	100		
131	57.8	29.0	43.4#
130	8.4	2.0	3.0#
166	34.1	21.4	32.2#

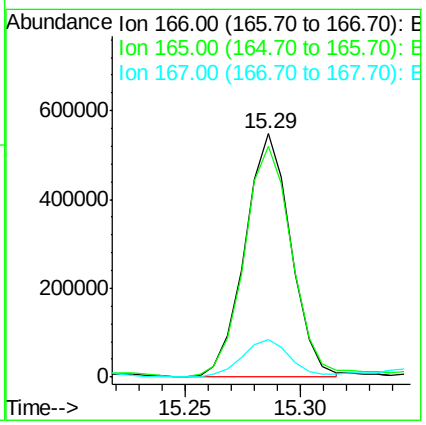


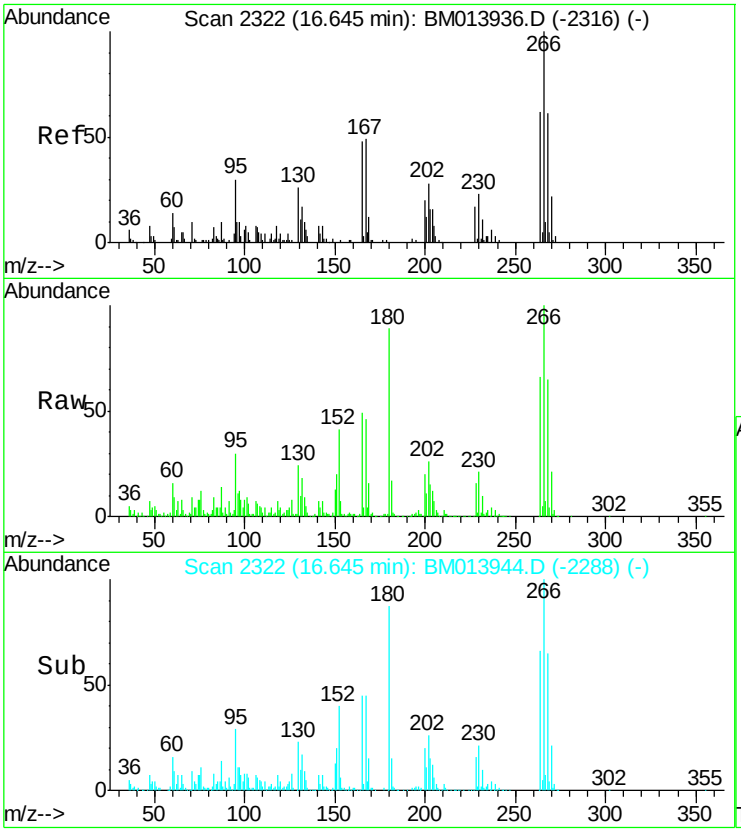


#58
Fluorene
Concen: 25.76 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:166 Resp: 757515

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.9	116.9
167	15.5	10.6	16.0



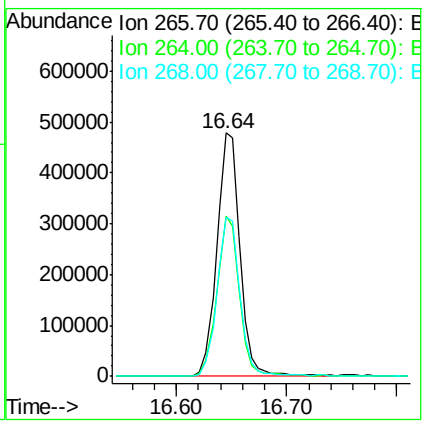


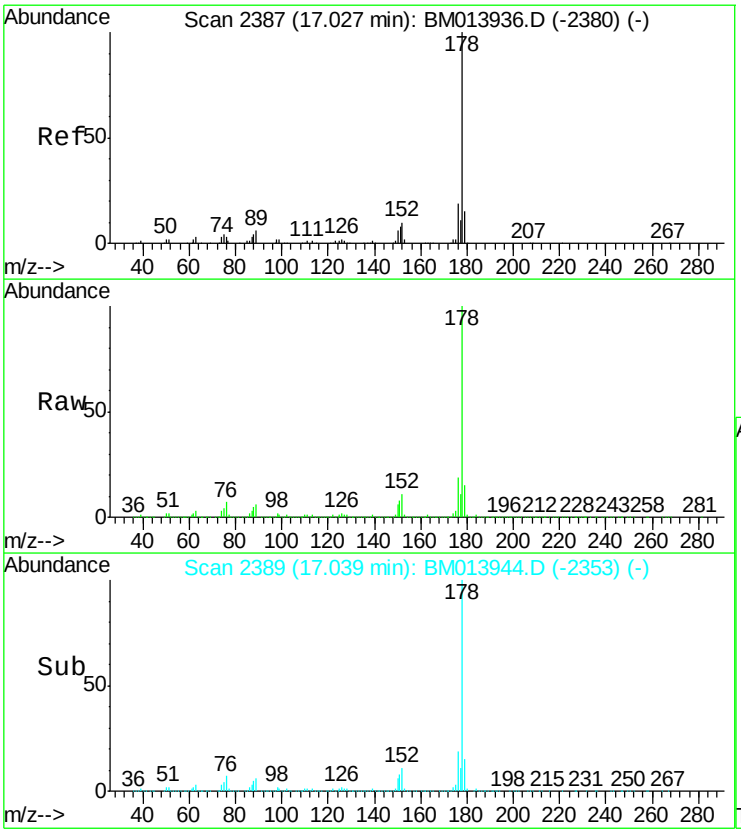
#68
Pentachlorophenol
Concen: 149.46 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:266 Resp: 699147

Ion	Ratio	Lower	Upper
266	100		
264	65.7	49.3	73.9
268	65.2	52.6	78.8

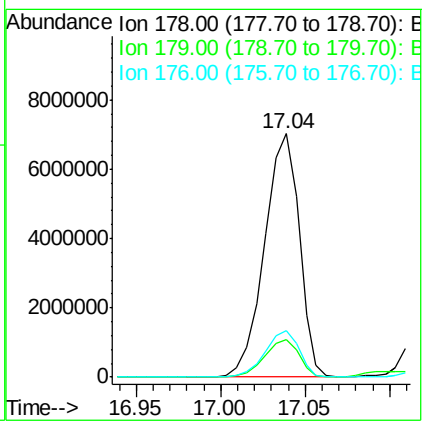


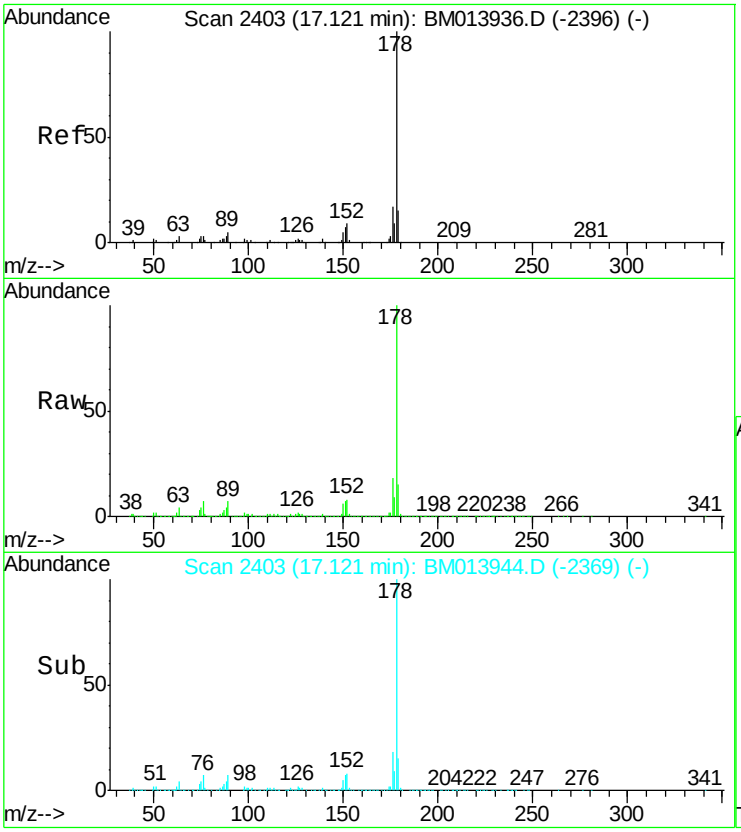


#69
Phenanthrene
Concen: 258.30 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:178 Resp: 9941783

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.1	14.9	22.3



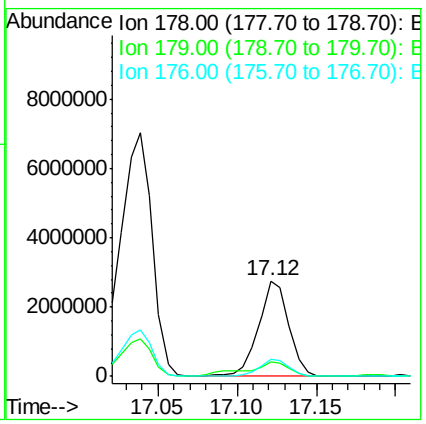


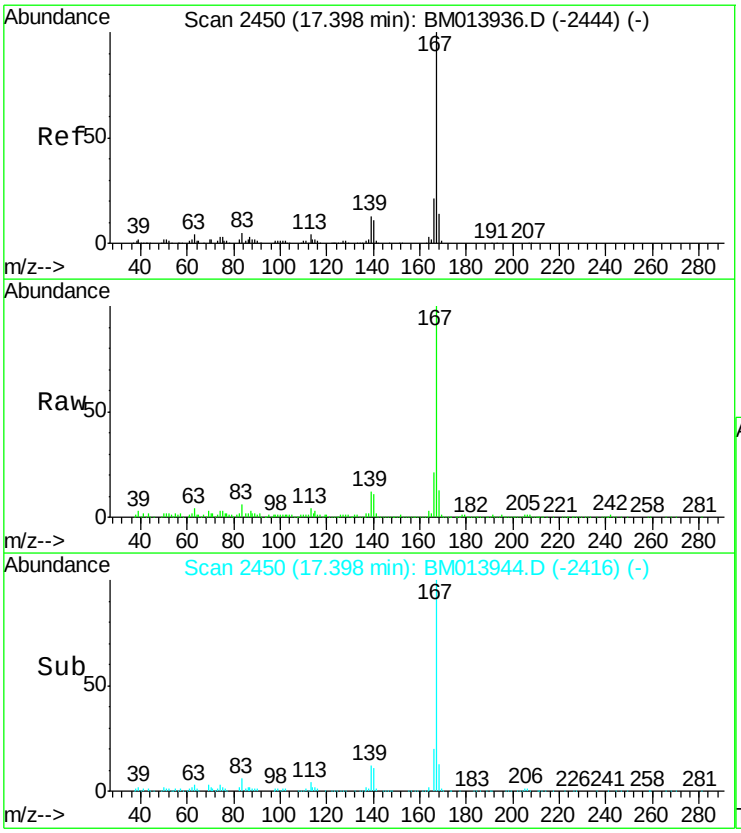
#71
Anthracene
Concen: 92.44 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:178 Resp: 3669963

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	17.7	14.6	21.8

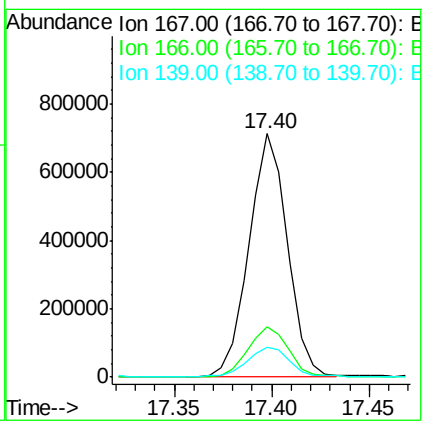


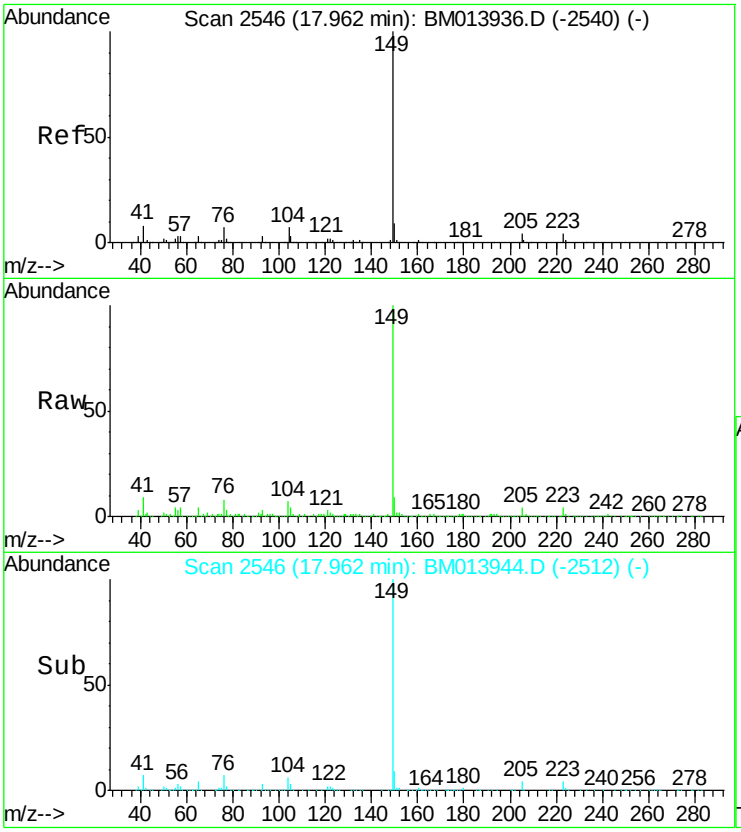


#72
Carbazole
Concen: 29.44 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:167 Resp: 964688

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.1	25.7
139	12.4	10.0	15.0



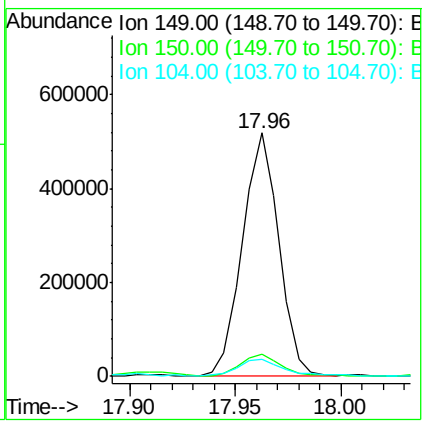


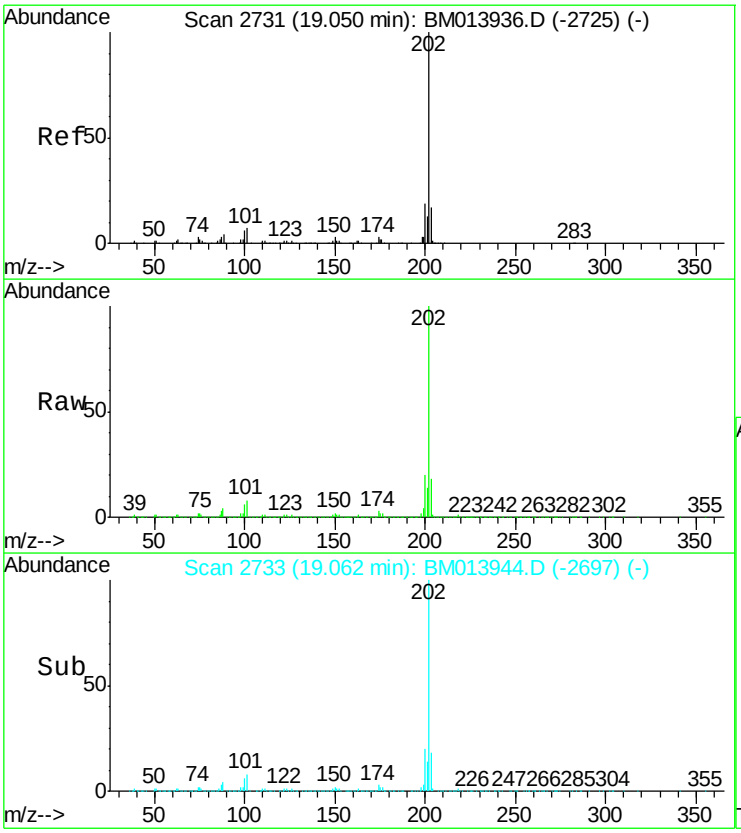
#73
Di-n-butylphthalate
Concen: 15.96 ng/ul
RT: 17.96 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:149 Resp: 614996

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	7.2	5.6	8.4

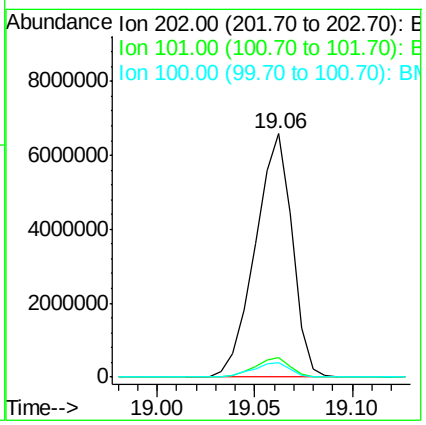


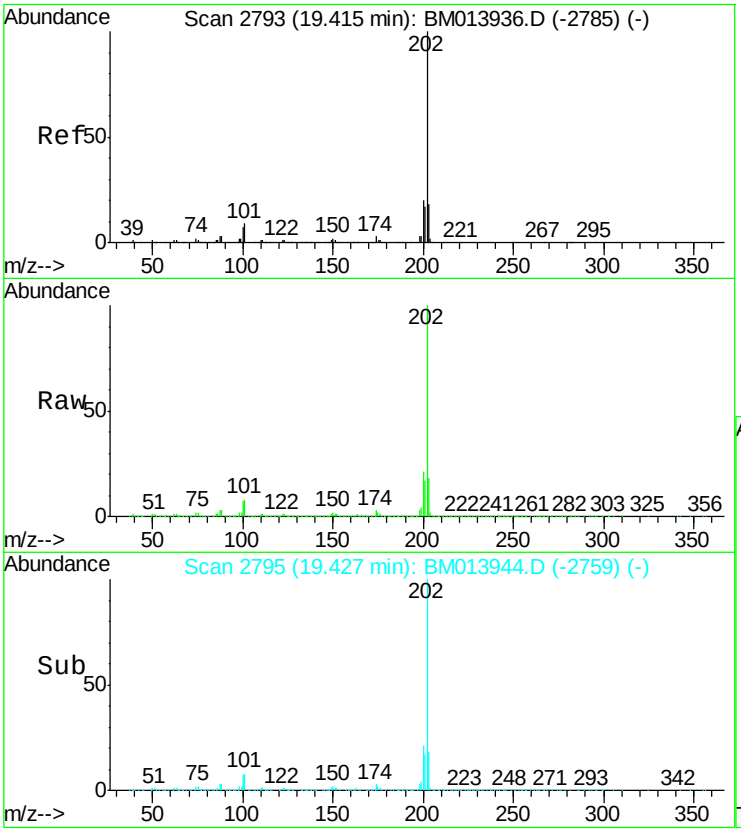


#74
Fluoranthene
Concen: 187.71 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:202 Resp: 8624240

Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.1	3.4	5.2#



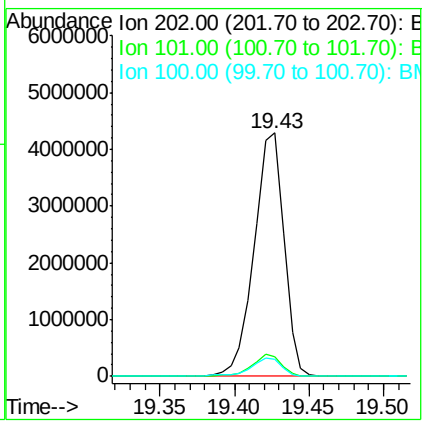


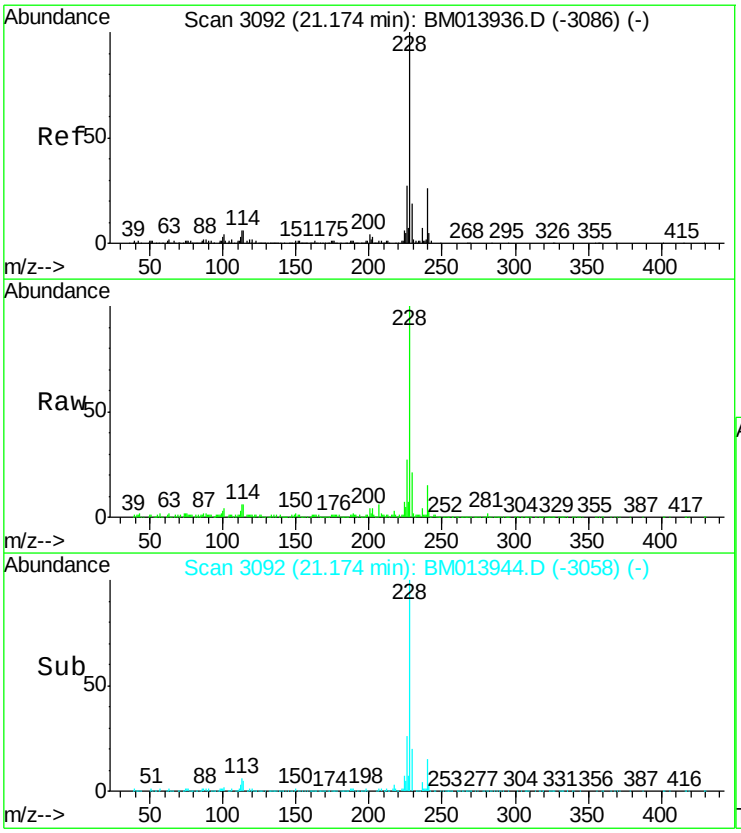
#77
Pyrene
Concen: 132.93 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:202 Resp: 5889104

Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.1	7.7#
100	7.1	4.9	7.3

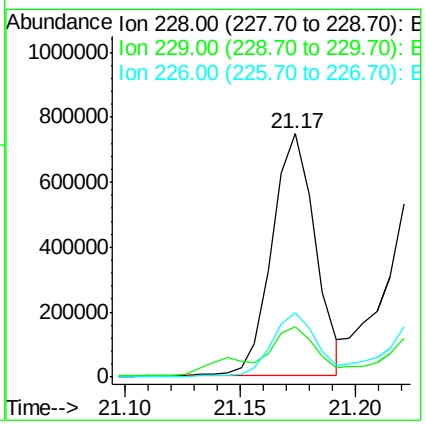


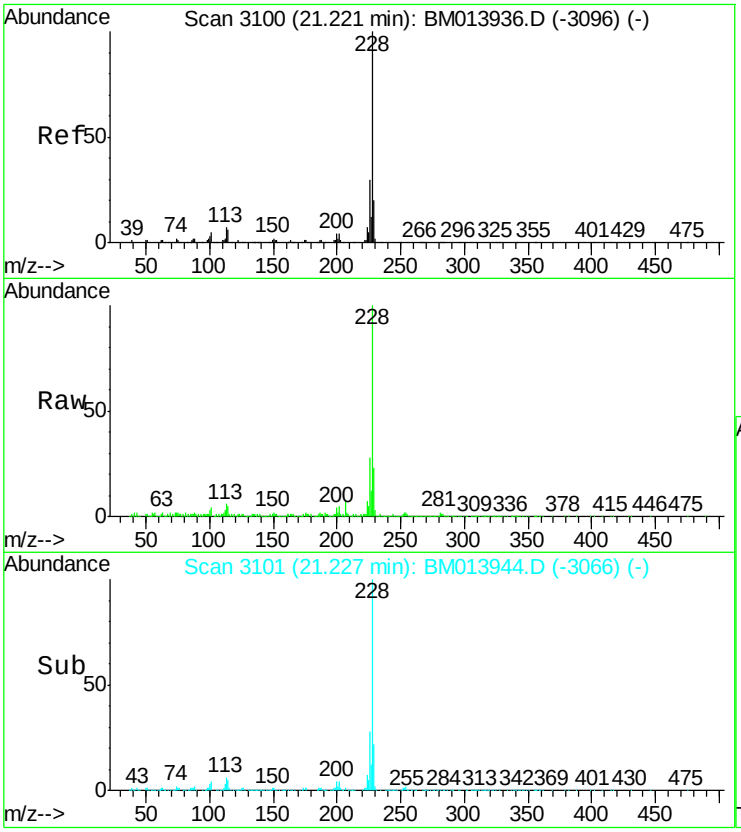


#80
Benzo(a)anthracene
Concen: 22.15 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:228 Resp: 975187

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	26.6	21.4	32.0



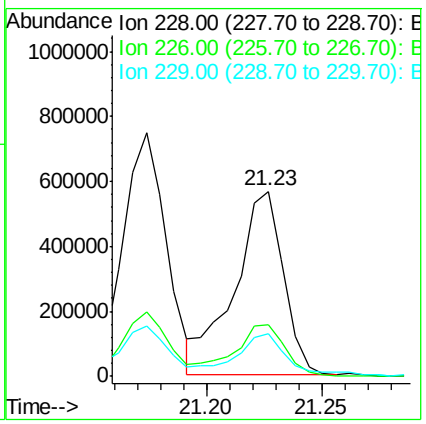


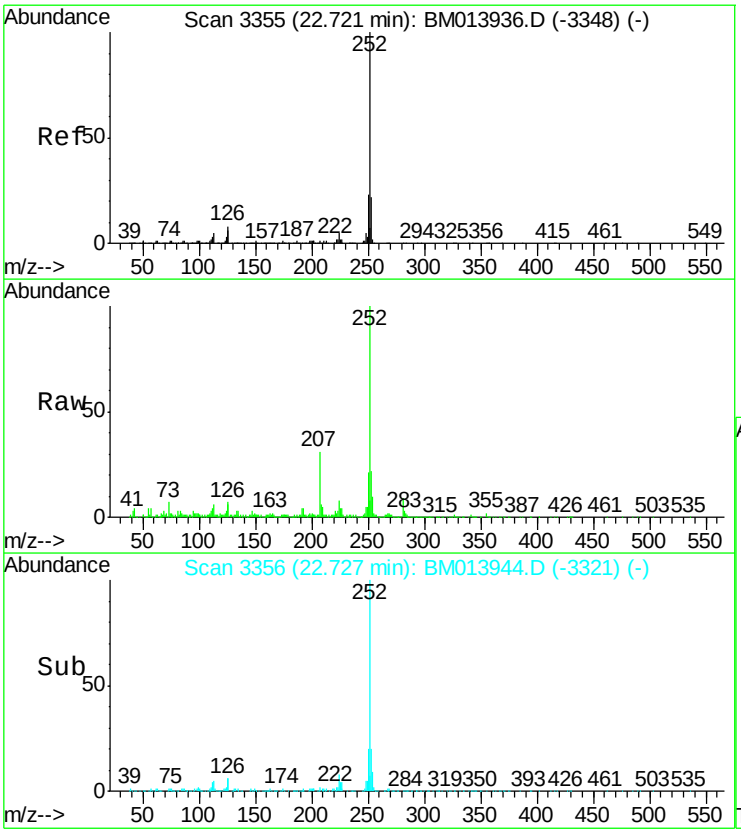
#82
Chrysene
Concen: 20.64 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:228 Resp: 833929

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	22.7	15.5	23.3

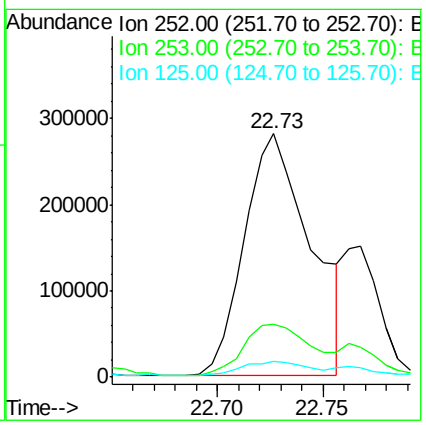


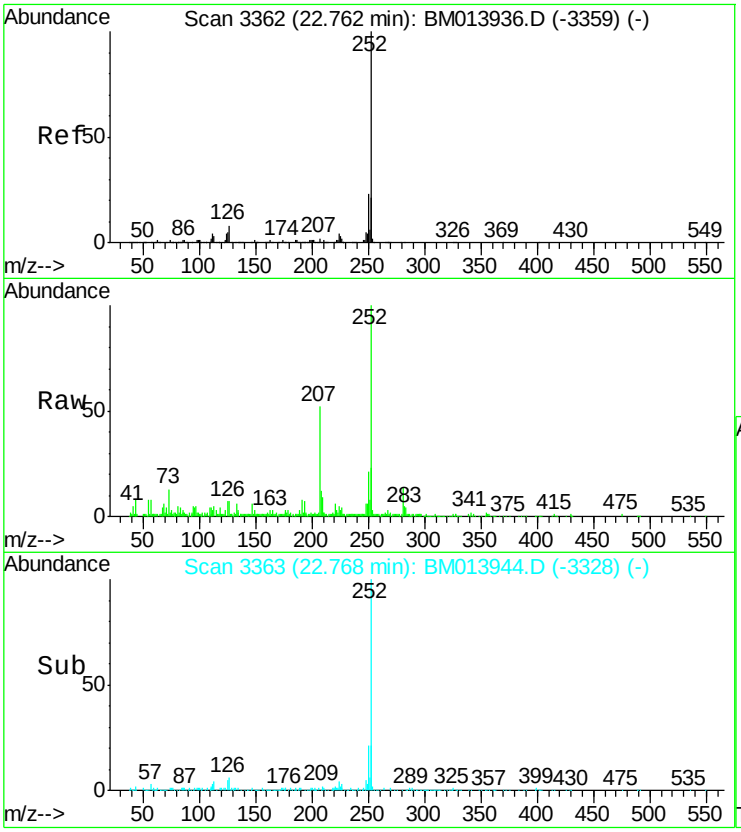


#85
Benzo(b)fluoranthene
Concen: 13.06 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:252 Resp: 610587

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	6.5	3.6	5.4#



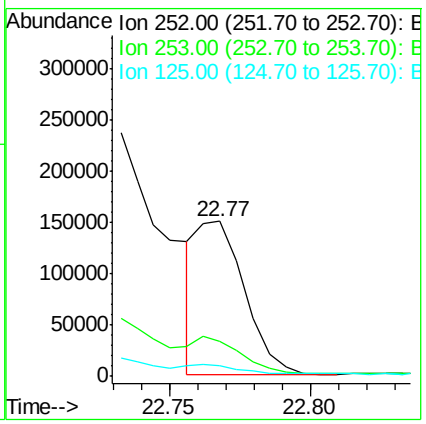


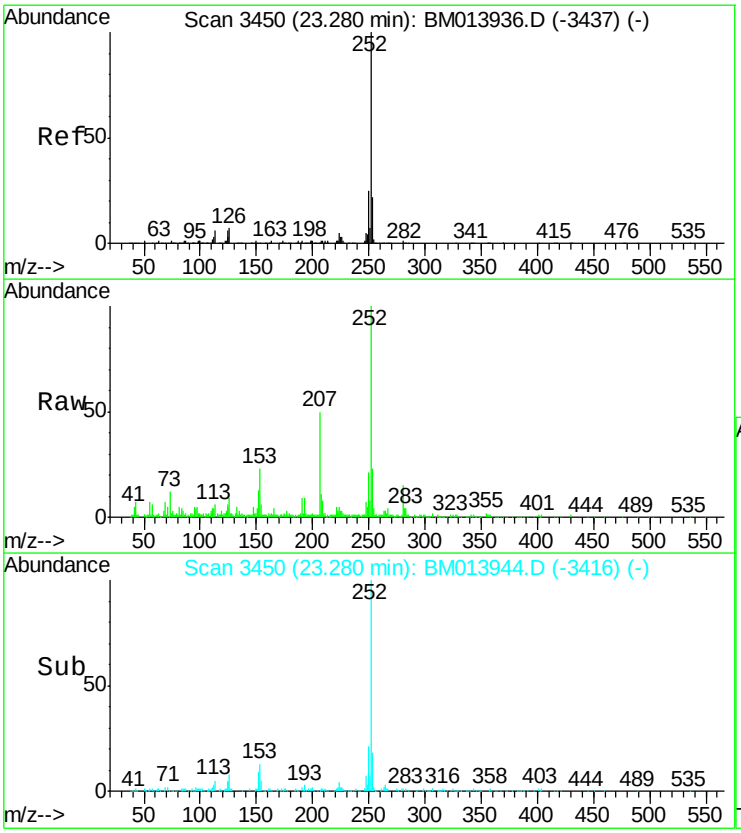
#86
Benzo(k)fluoranthene
Concen: 3.83 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:252 Resp: 173147

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	7.2	3.4	5.2#

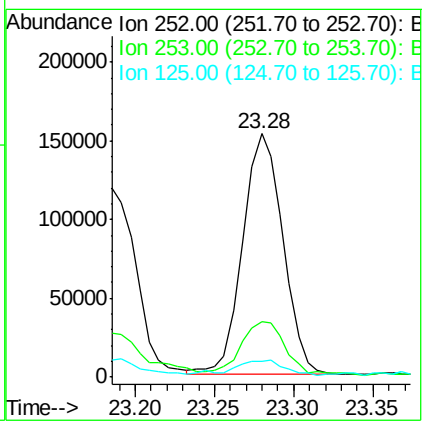


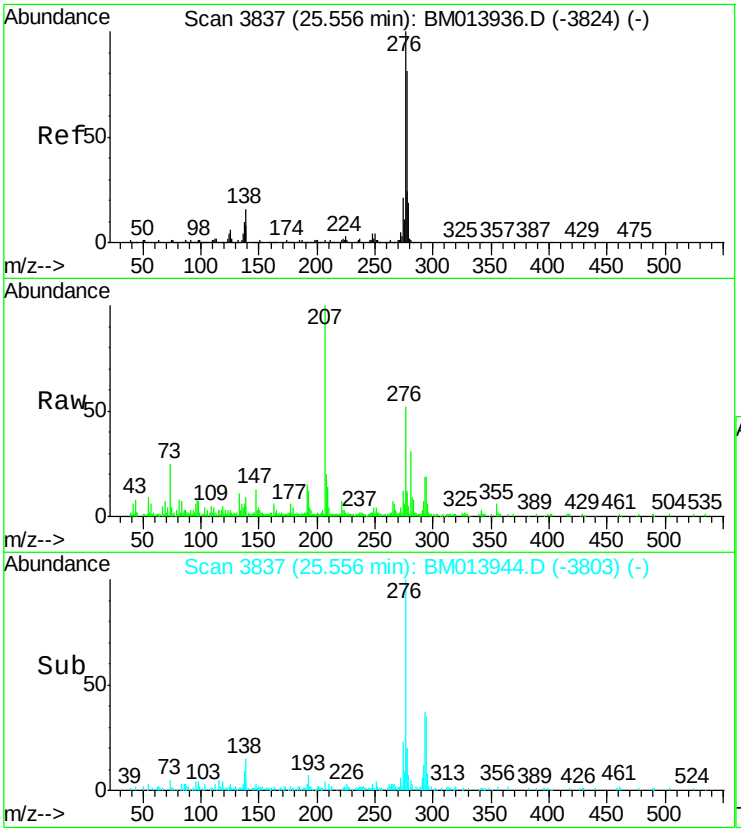


#88
Benzo(a)pyrene
Concen: 6.13 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:252 Resp: 270760

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	6.3	4.0	6.0#



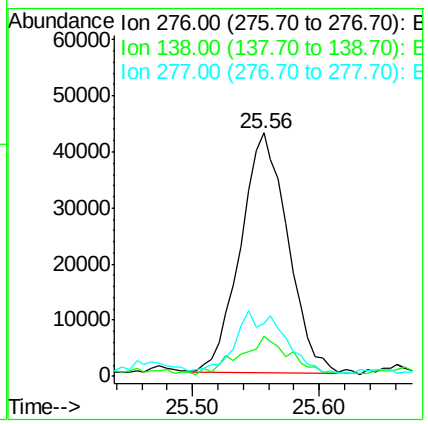


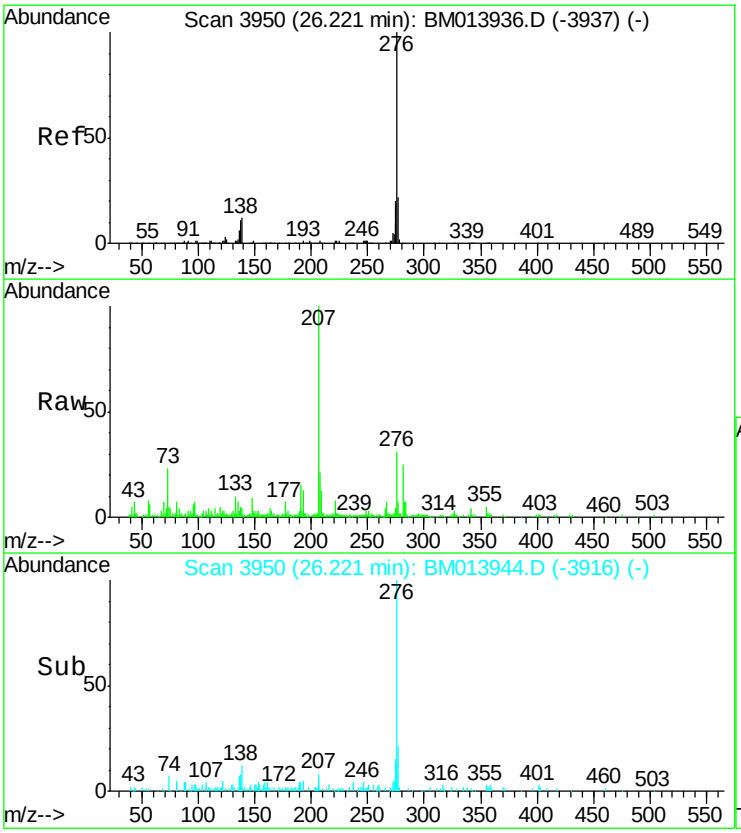
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Instrument :
BNA_M
ClientSampleId :
F6B30

Tgt Ion:276 Resp: 110923

Ion	Ratio	Lower	Upper
276	100		
138	16.5	9.3	13.9#
277	21.8	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.69 ng/ul
RT: 26.22 min Scan# 3950
Delta R.T. -0.00 min
Lab File: BM013944.D
Acq: 29 Jan 2018 04:13

Tgt Ion:276 Resp: 72702

Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.5	12.7#
277	22.8	18.6	28.0