Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Time: Jan 29 10:07:19 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	151354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	589792	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.25	164	510520	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.05	188	851435	20.00	ng/ul	0.06
75) Chrysene-d12	21.25	240	13528	20.00	ng/ul	0.06
83) Perylene-d12	23.39	264	809769	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	8471	2.21	ng/uL	0.00
5) Phenol-d5	6.76	99	225059	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	147042	20.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	192063	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	204535	22.90	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	111234	24.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	111621	23.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	222358	23.80	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	272270	33.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	653507	15.53	ng/ul	0.02
46) Acenaphthylene-d8	13.93	160	790348	14.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	55048	8.05	ng/ul	0.02
57) Fluorene-d10	15.24	176	541560	14.64	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.43	200	304	0.06	ng/ul	0.05
70) Anthracene-d10	17.14	188	933340	22.51	ng/ul	0.06
76) Pyrene-d10	19.42	212	1050738	1668.23	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.26	264	902646	24.25	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.79	94	33244	2.853	ng/ul	94
30) 4-Chloroaniline	10.46	127	12873211	1601.755	ng/ul#	18
40) 1,1'-Biphenyl	13.07	154	13657989	321.399	ng/ul	96
42) 2-Nitroaniline	13.40	65	67969	7.417	ng/ul#	27
44) Dimethylphthalate	13.72	163	269260	6.509	ng/ul	99
47) Acenaphthylene	13.96	152	1060500	21.602	ng/ul#	85
49) Acenaphthene	14.25	153	662203	19.476	ng/ul#	1
53) Dibenzofuran	14.56	168	831832	16.263	ng/ul#	53
54) 2,4-Dinitrotoluene	14.66	165	88675	7.588	ng/ul#	1
58) Fluorene	15.24	166	181300	4.327	ng/ul#	5
60) 4-Nitroaniline	15.34	138	670254	90.857	ng/ul#	13
64) N-Nitrosodiphenylamine	15.55	169	271143	10.828	ng/ul#	1
68) Pentachlorophenol	16.70	266	99828	17.355	ng/ul	88
69) Phenanthrene	17.17	178	2690029	56.838	ng/ul#	92
71) Anthracene	17.17	178	2690029	55.105	ng/ul#	90
72) Carbazole	17.42	167	6327725	157.033	ng/ul	100
74) Fluoranthene	19.18	202	128740	2.279	ng/ul#	76
77) Pyrene	19.36	202	105075	127.765	ng/ul#	83
78) Butylbenzylphthalate	20.40	149	515	1.778	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.19	252	2590	11.573	ng/ul#	1
80) Benzo(a)anthracene	21.25	228	12927275	15814.527	ng/ul#	85
81) Bis(2-ethylhexyl)phthalate	21.20	149	73398	168.867	ng/ul#	78
82) Chrysene	21.25	228	12927275	17238.817	ng/ul#	89

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Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B51

Quant Time: Jan 29 10:07:19 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)
85) Benzo(b)fluoranthene	22.75	252	7922238	159.305	ng/ul#	99
86) Benzo(k)fluoranthene	22.75	252	7922238	164.815	ng/ul#	97
88) Benzo(a)pyrene	23.30	252	4300605	91.544	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.57	276	1201562	21.667	ng/ul	98
90) Dibenzo(a,h)anthracene	25.57	278	380085	8.116	ng/ul#	94
91) Benzo(g,h,i)perylene	26.24	276	881308	19.309	ng/ul#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013951.D
Acq On : 29 Jan 2018 08:22
Operator : SJ/JU
Sample : J1244-10
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Instrument :
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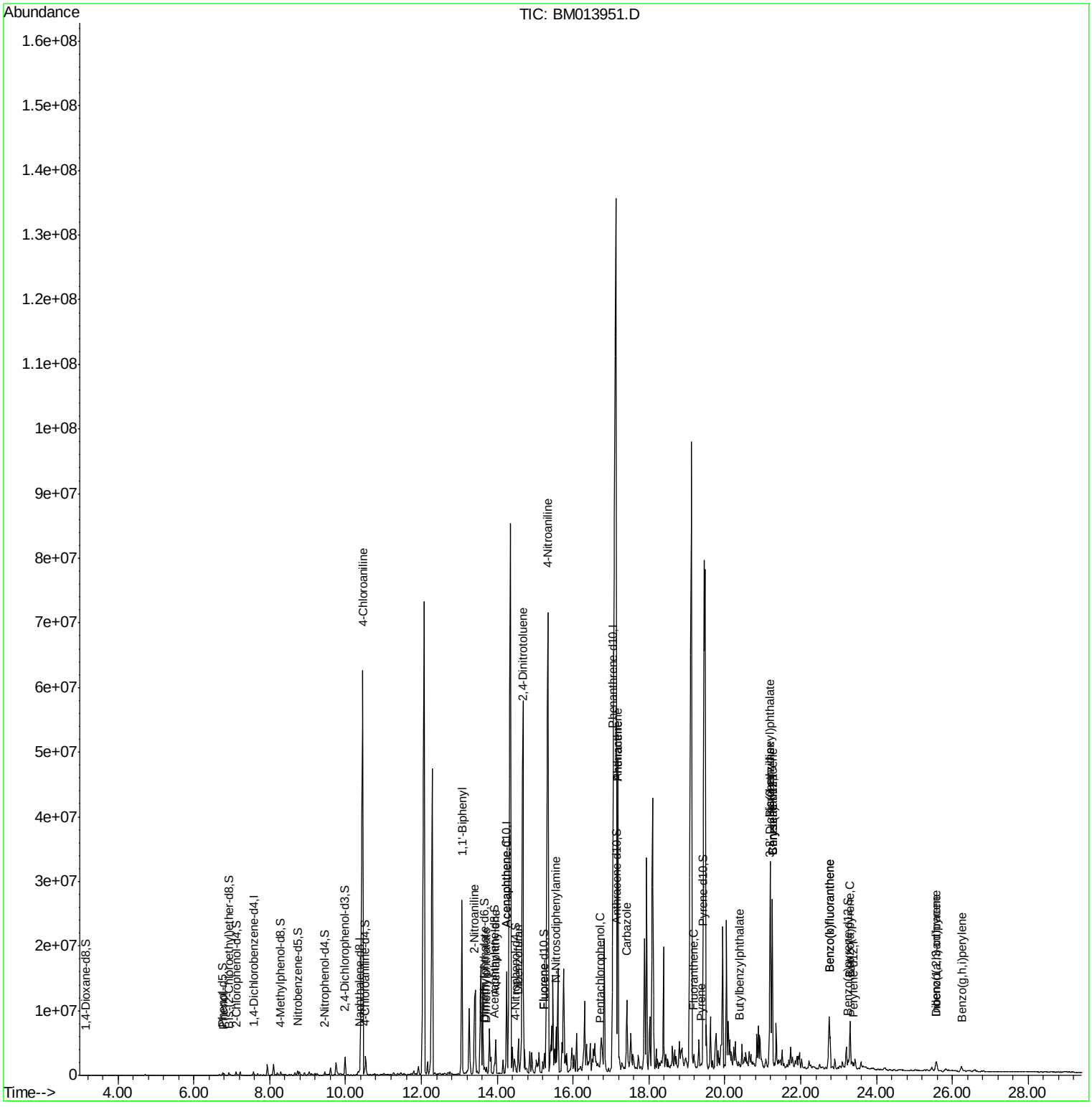
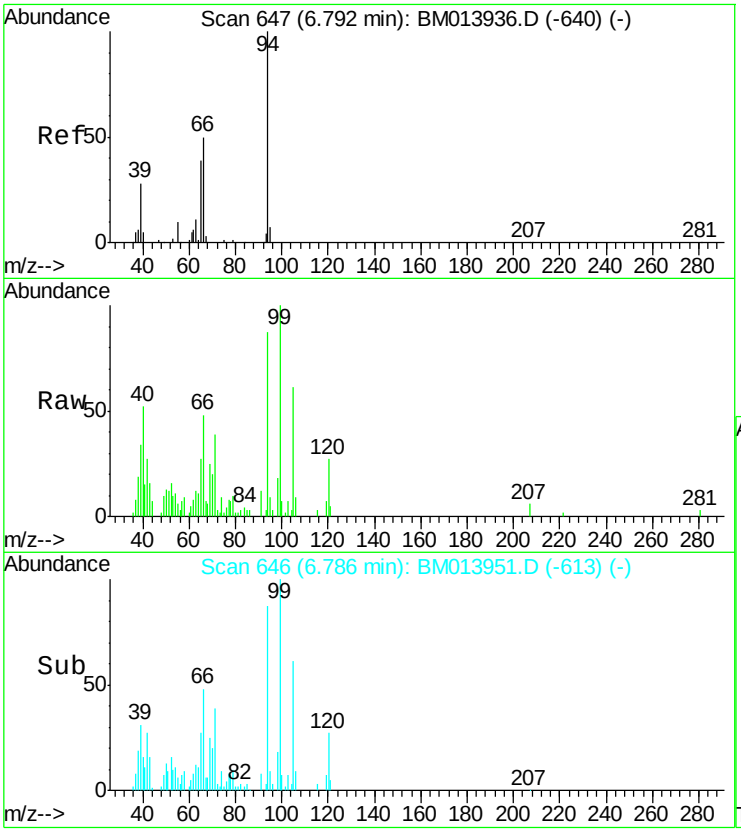
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration



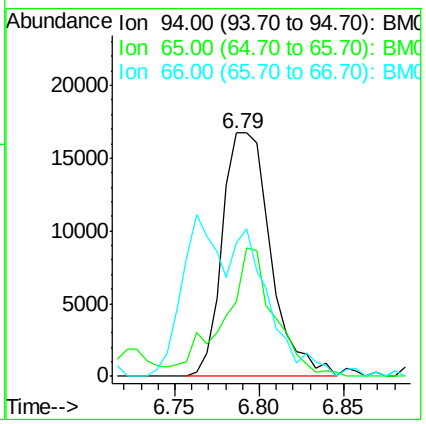


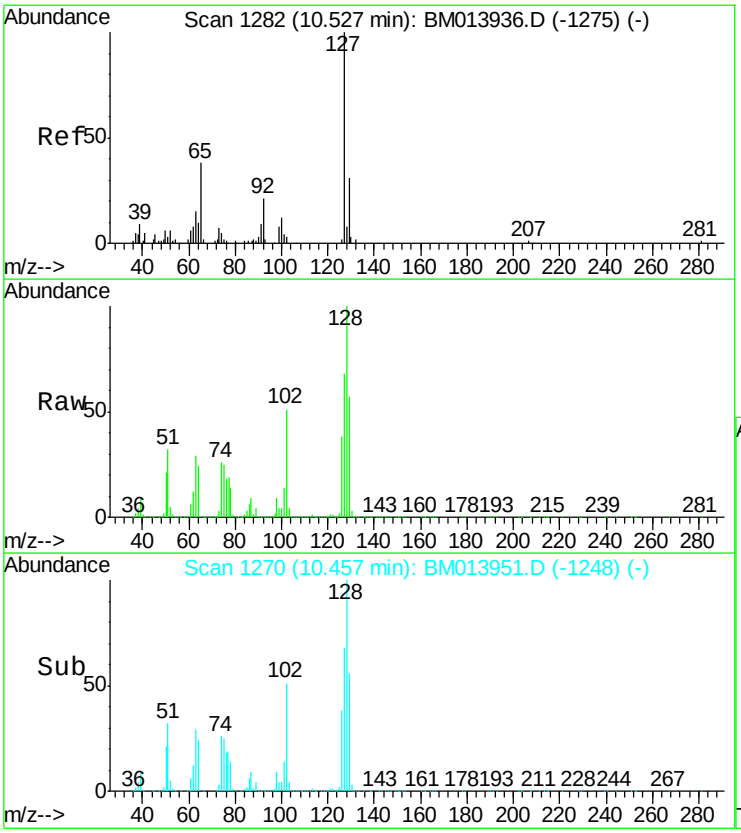
#6
Phenol
Concen: 2.853 ng/ul
RT: 6.79 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion: 94 Resp: 33244

Ion	Ratio	Lower	Upper
94	100		
65	30.5	28.2	42.4
66	55.0	47.2	70.8

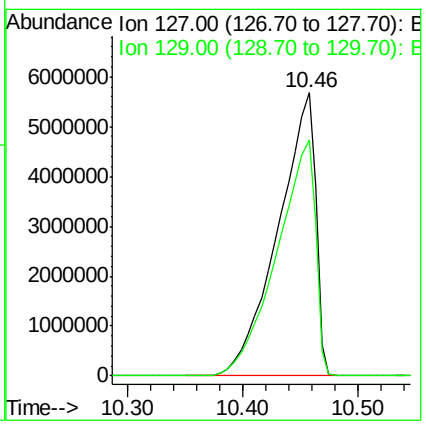


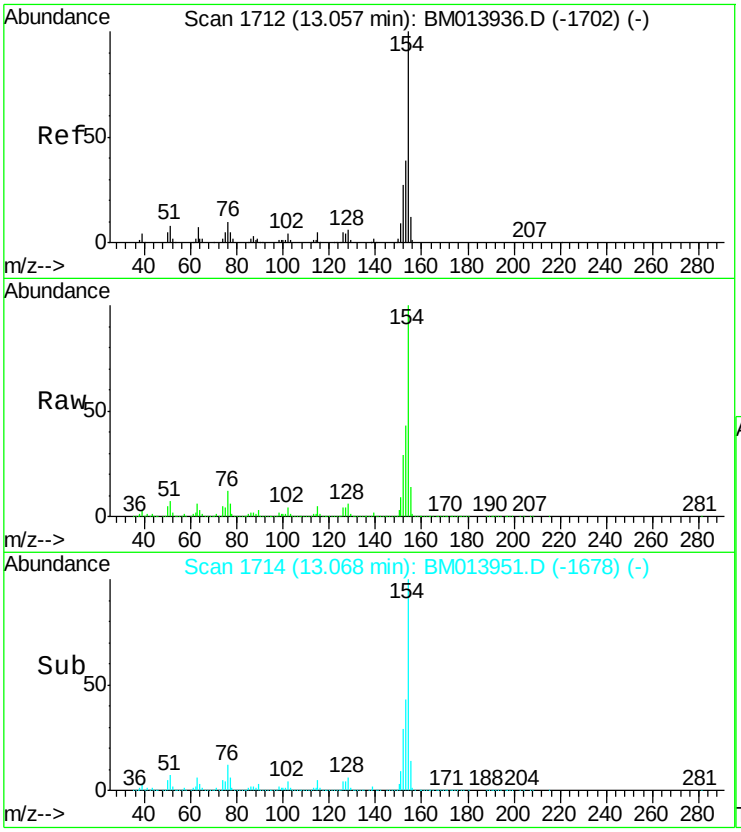


#30
4-Chloroaniline
Concen: 1601.755 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. -0.07 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:127 Resp:12873211

Ion	Ratio	Lower	Upper
127	100		
129	83.5	28.4	42.6#



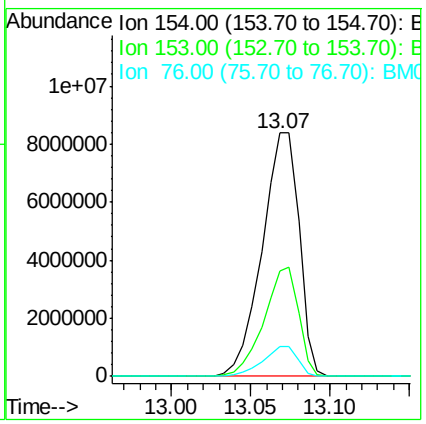


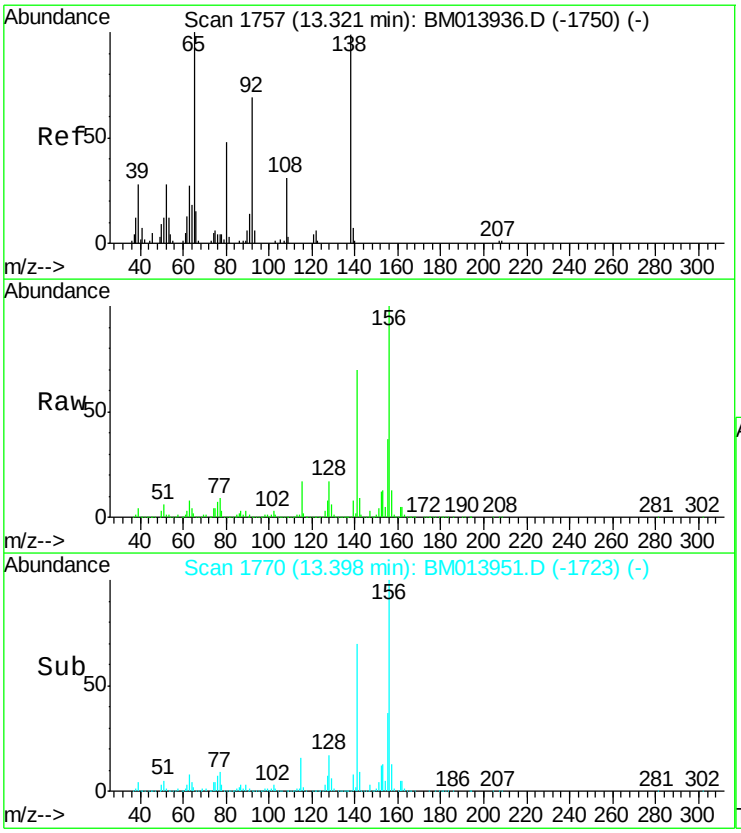
#40
1,1'-Biphenyl
Concen: 321.399 ng/ul
RT: 13.07 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:154 Resp:13657989

Ion	Ratio	Lower	Upper
154	100		
153	43.3	32.6	48.8
76	12.4	8.5	12.7

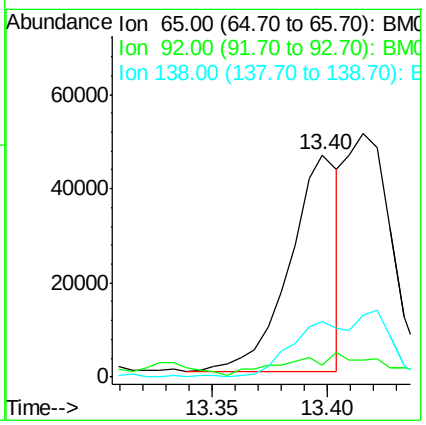


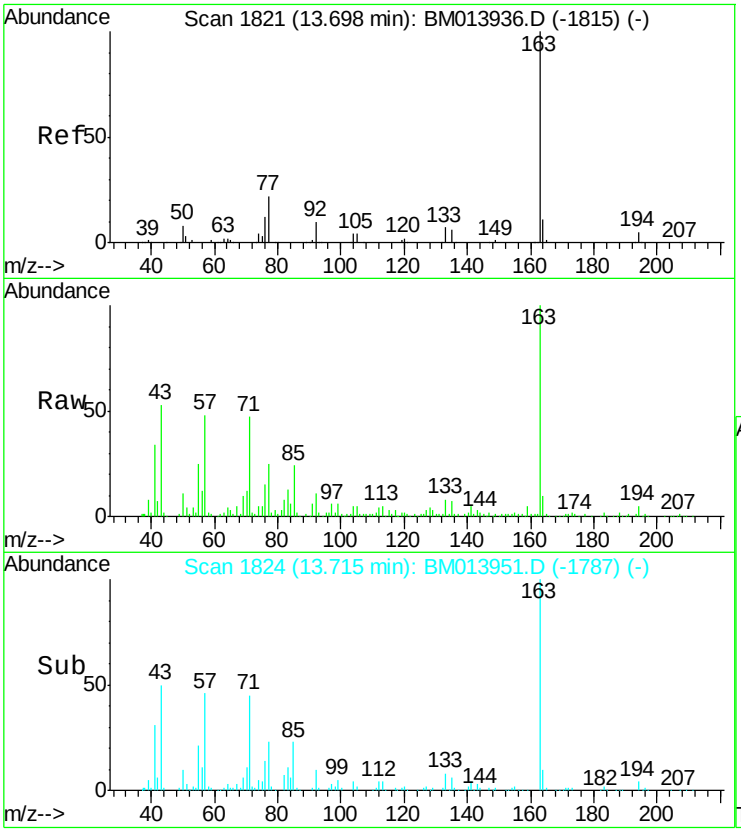


#42
2-Nitroaniline
Concen: 7.417 ng/ul
RT: 13.40 min Scan# 1770
Delta R.T. 0.08 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion: 65 Resp: 67969

Ion	Ratio	Lower	Upper
65	100		
92	5.2	51.8	77.6#
138	25.1	74.2	111.4#



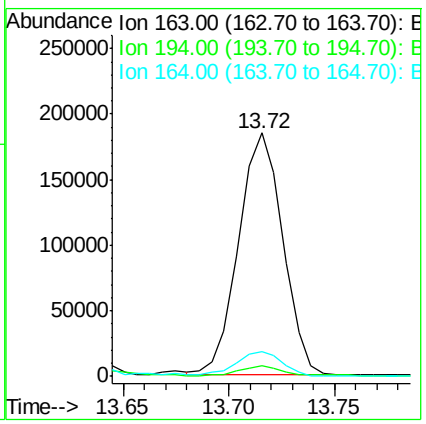


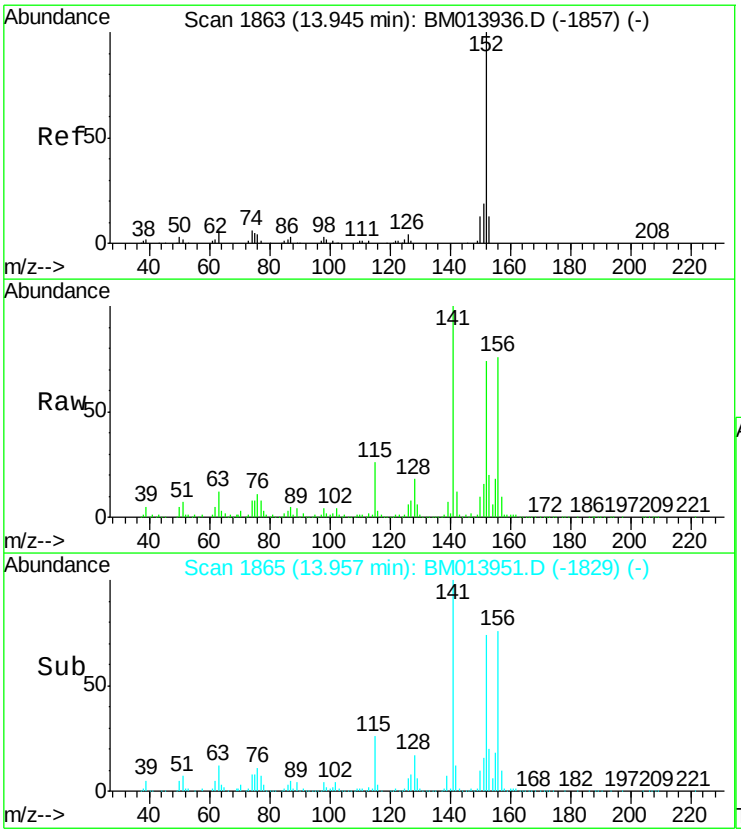
#44
Dimethylphthalate
Concen: 6.509 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. 0.02 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:163 Resp: 269260

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.0	8.2	12.4

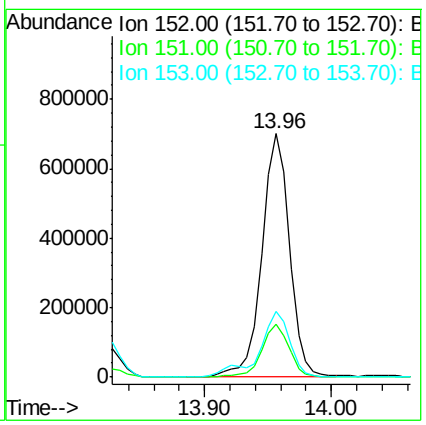


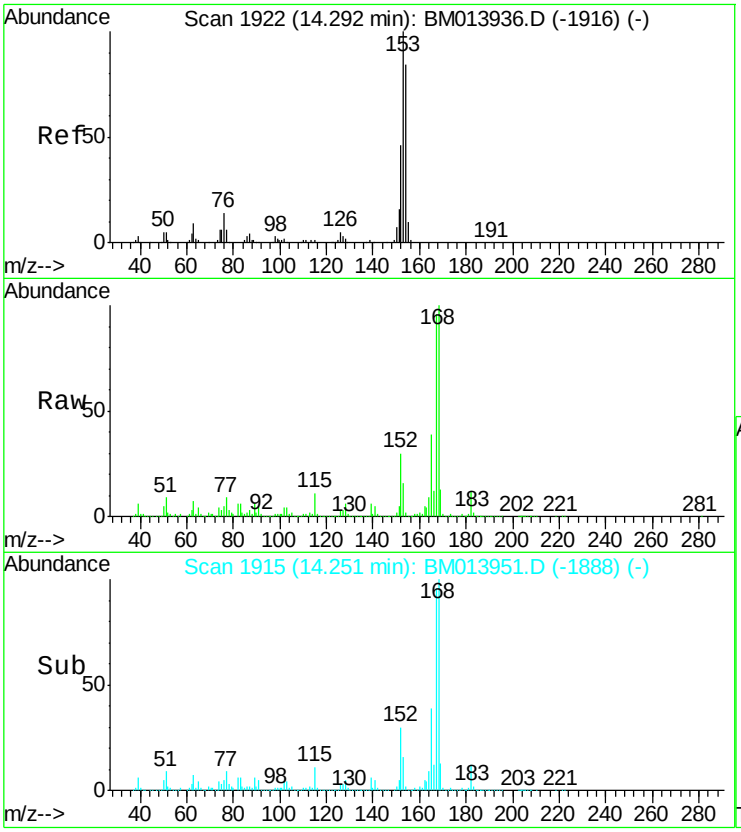


#47
Acenaphthylene
Concen: 21.602 ng/ul
RT: 13.96 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:152 Resp: 1060500

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	26.8	10.2	15.4#



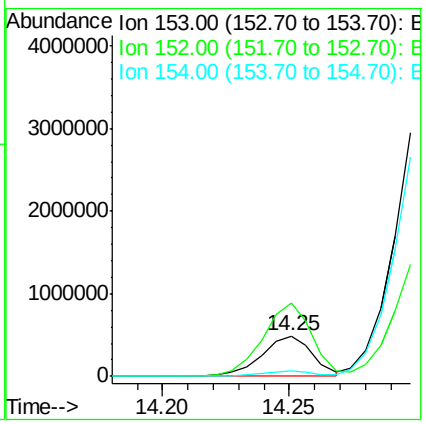


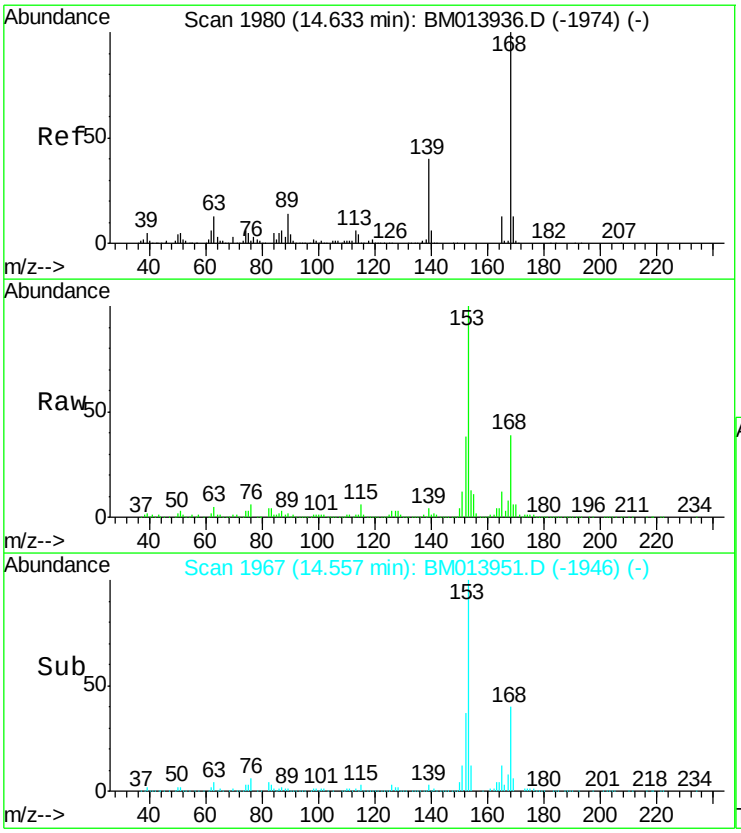
#49
Acenaphthene
Concen: 19.476 ng/ul
RT: 14.25 min Scan# 1915
Delta R.T. -0.04 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:153 Resp: 662203

Ion	Ratio	Lower	Upper
153	100		
152	182.3	37.6	56.4#
154	12.5	70.4	105.6#

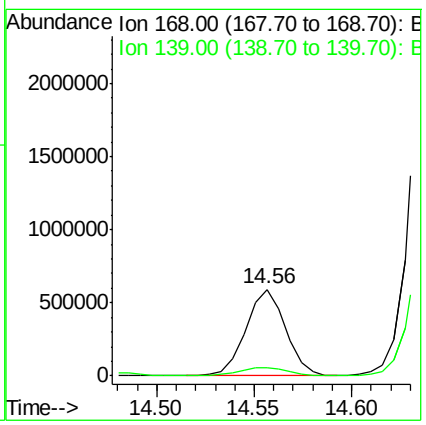


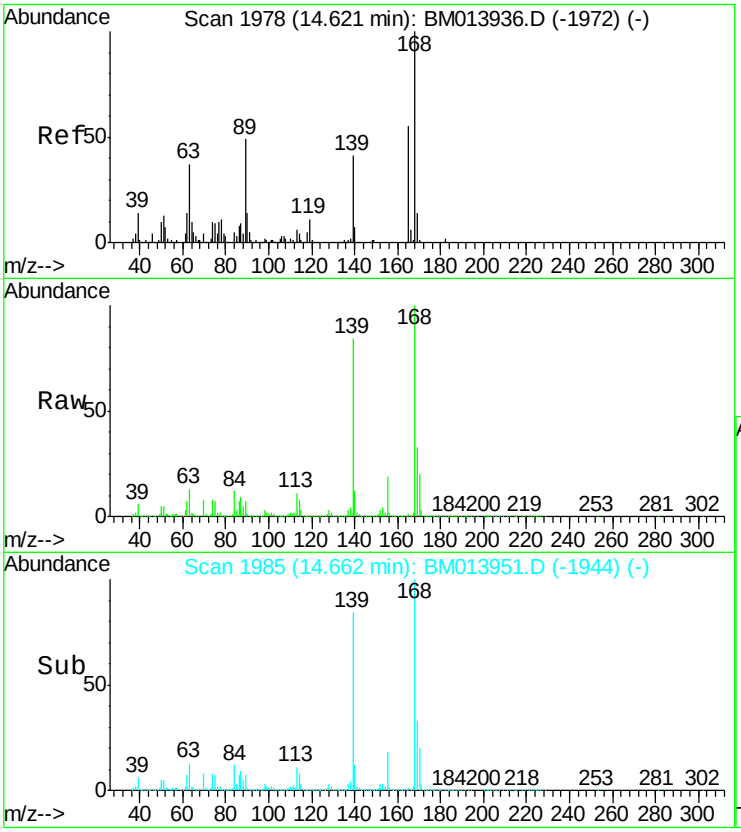


#53
Dibenzofuran
Concen: 16.263 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. -0.08 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:168 Resp: 831832

Ion	Ratio	Lower	Upper
168	100		
139	9.9	30.8	46.2#



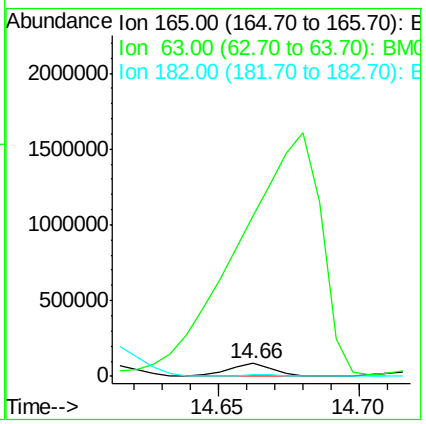


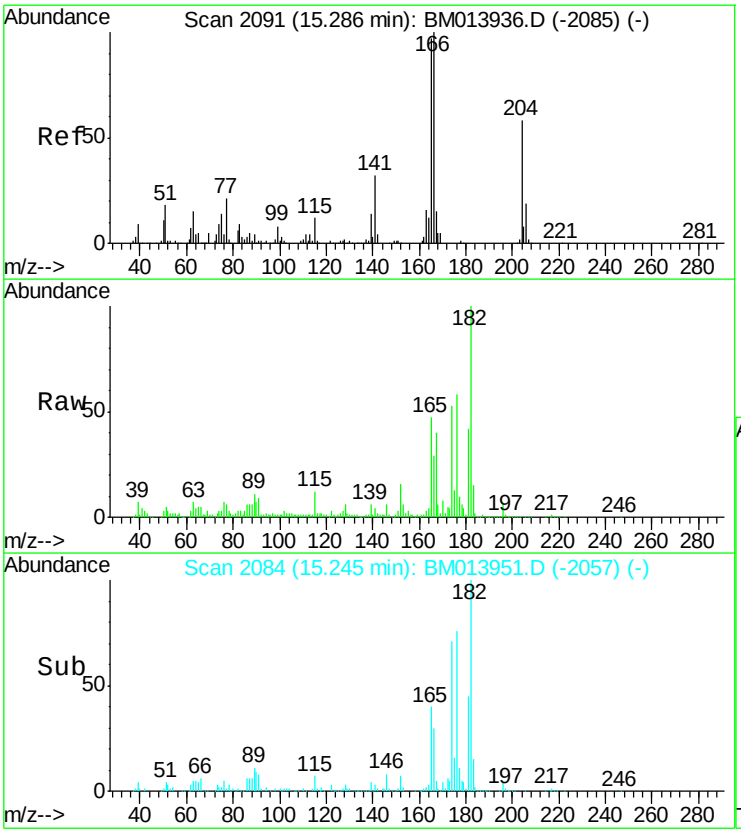
#54
2,4-Dinitrotoluene
Concen: 7.588 ng/ul
RT: 14.66 min Scan# 1985
Delta R.T. 0.04 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:165 Resp: 88675

Ion	Ratio	Lower	Upper
165	100		
63	1273.6	45.8	68.8#
182	13.1	2.6	4.0#

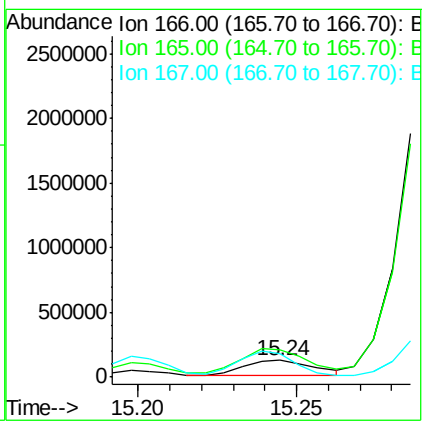


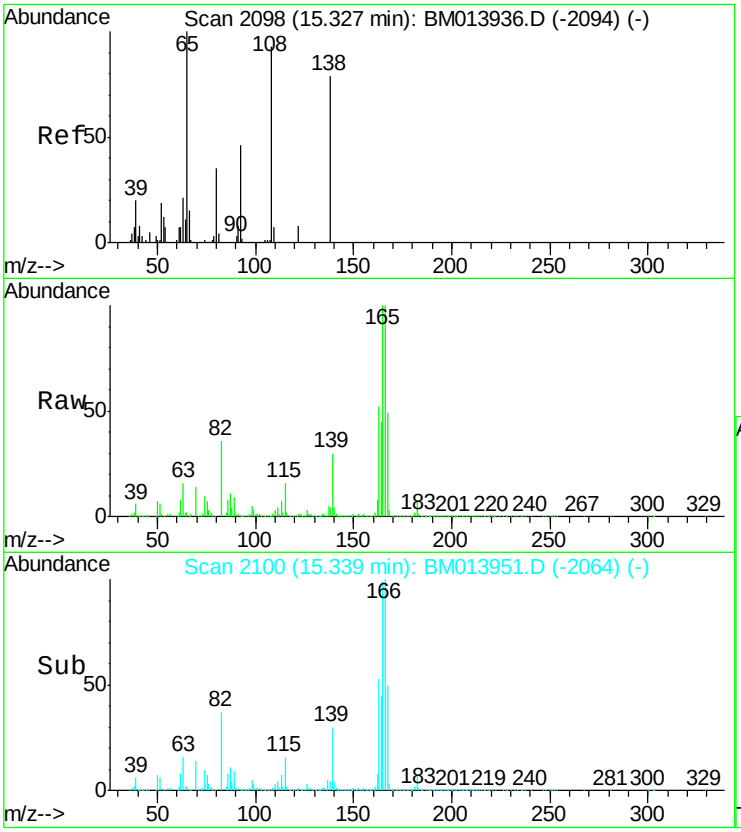


#58
Fluorene
Concen: 4.327 ng/ul
RT: 15.24 min Scan# 2084
Delta R.T. -0.04 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:166 Resp: 181300

Ion	Ratio	Lower	Upper
166	100		
165	162.7	77.9	116.9#
167	136.4	10.6	16.0#



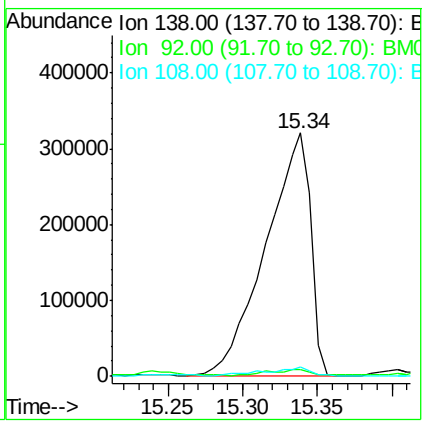


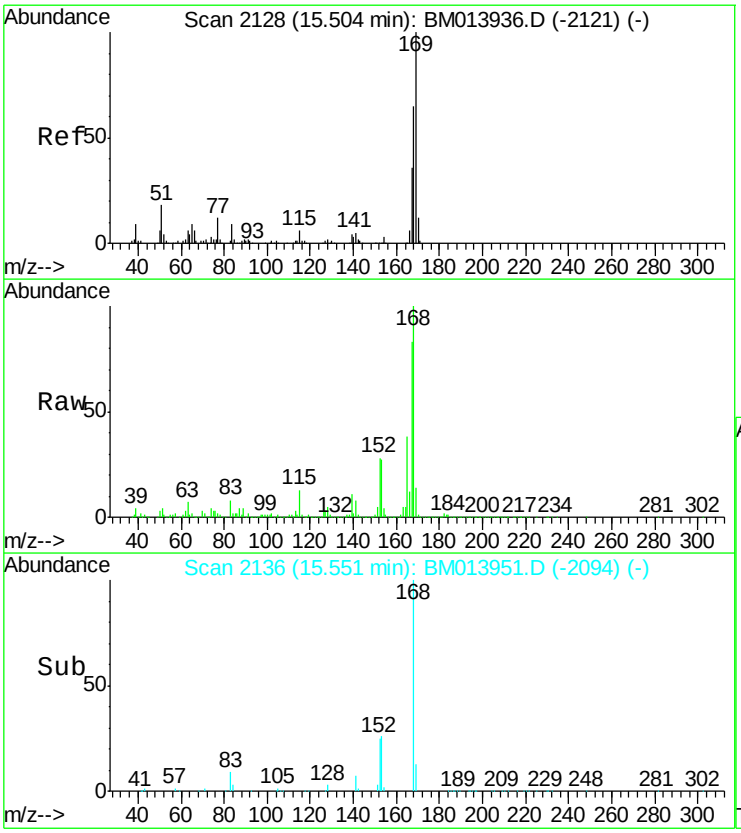
#60
4-Nitroaniline
Concen: 90.857 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:138 Resp: 670254

Ion	Ratio	Lower	Upper
138	100		
92	2.6	40.0	60.0#
108	3.7	80.0	120.0#

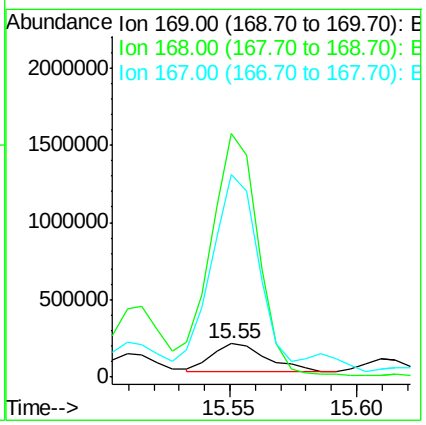


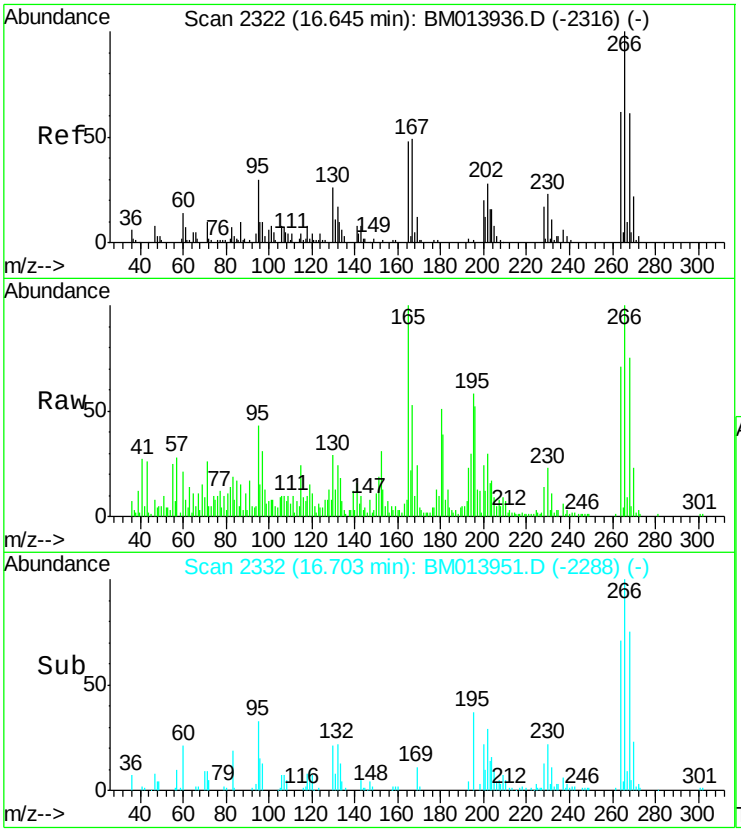


#64
N-Nitrosodiphenylamine
Concen: 10.828 ng/ul
RT: 15.55 min Scan# 2136
Delta R.T. 0.05 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:169 Resp: 271143

Ion	Ratio	Lower	Upper
169	100		
168	727.4	54.0	81.0#
167	603.9	29.1	43.7#



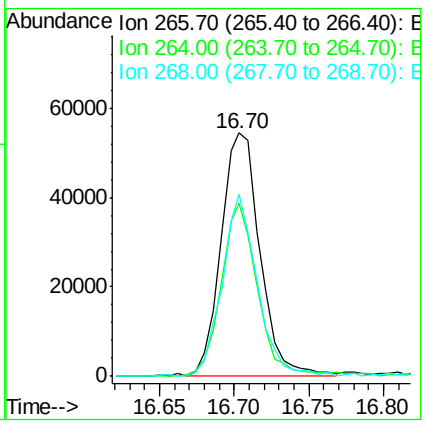


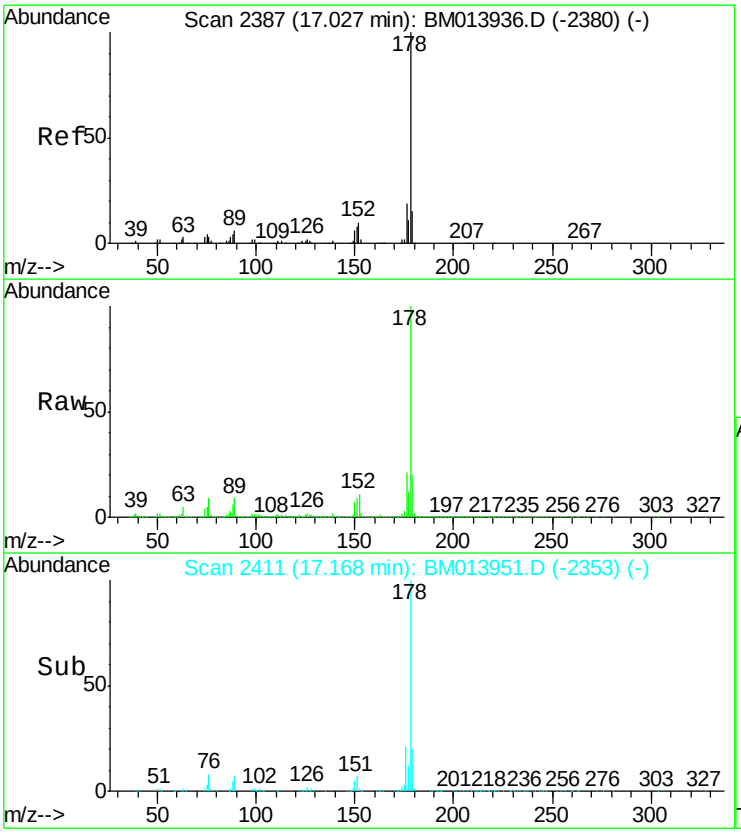
#68
Pentachlorophenol
Concen: 17.355 ng/ul
RT: 16.70 min Scan# 2332
Delta R.T. 0.06 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:266 Resp: 99828

Ion	Ratio	Lower	Upper
266	100		
264	71.3	49.3	73.9
268	74.8	52.6	78.8

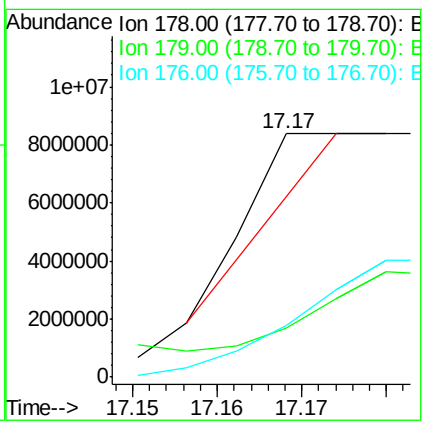


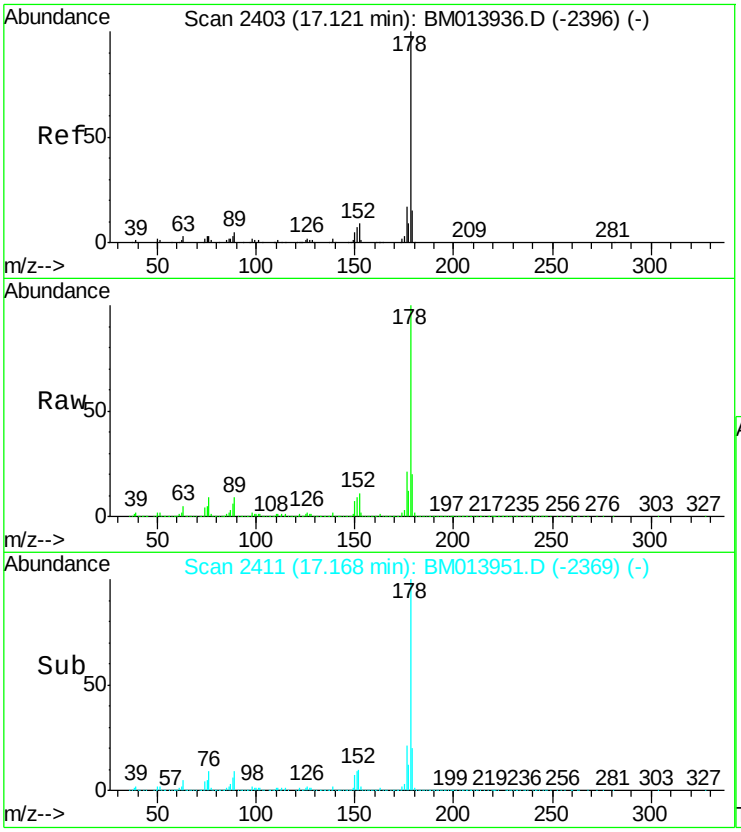


#69
Phenanthrene
Concen: 56.838 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.14 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:178 Resp: 2690029

Ion	Ratio	Lower	Upper
178	100		
179	20.4	12.6	19.0#
176	21.3	14.9	22.3



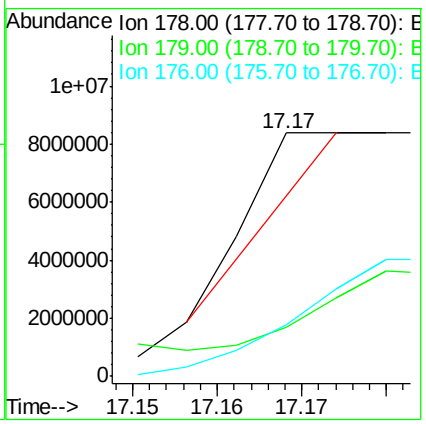


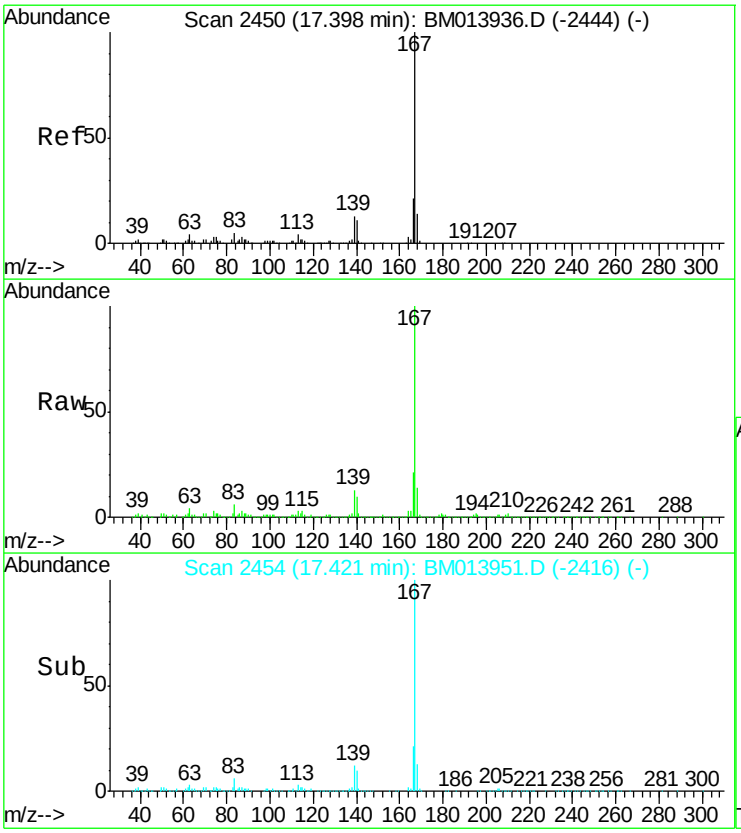
#71
Anthracene
Concen: 55.105 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.05 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:178 Resp: 2690029

Ion	Ratio	Lower	Upper
178	100		
179	20.4	11.7	17.5#
176	21.3	14.6	21.8

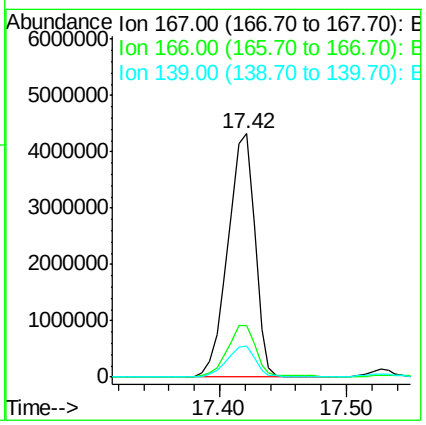


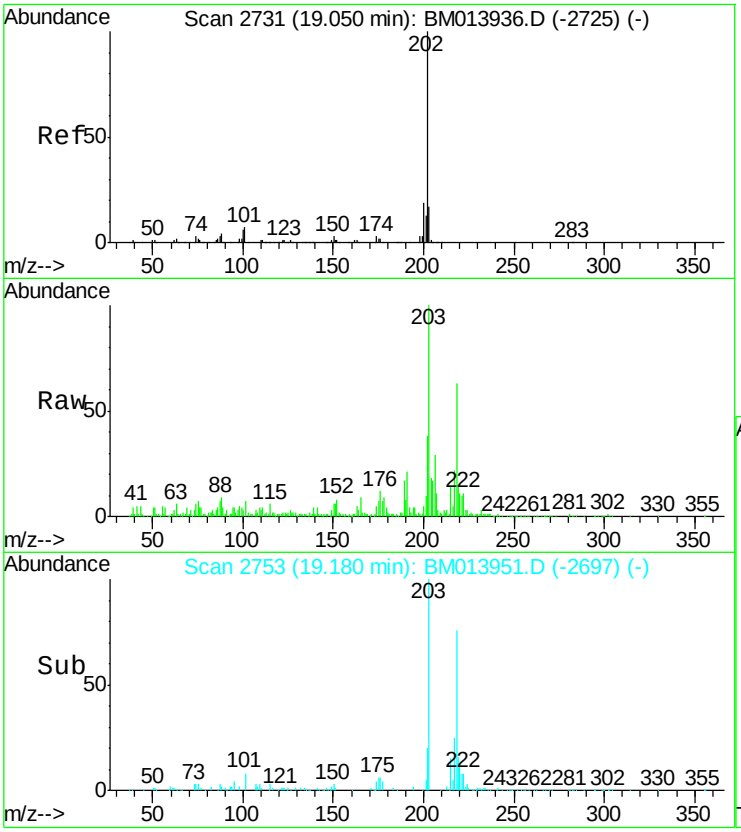


#72
Carbazole
Concen: 157.033 ng/ul
RT: 17.42 min Scan# 2454
Delta R.T. 0.02 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:167 Resp: 6327725

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.8	10.0	15.0



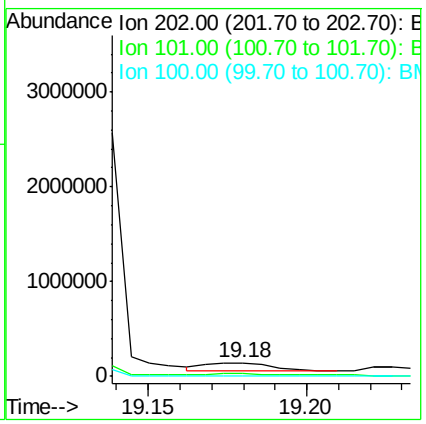


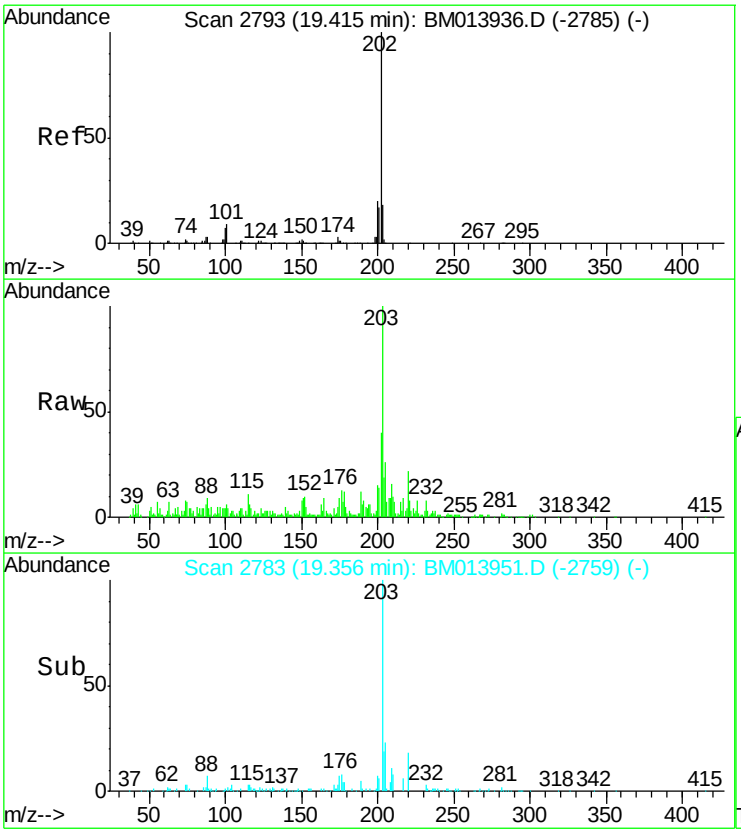
#74
Fluoranthene
Concen: 2.279 ng/ul
RT: 19.18 min Scan# 2753
Delta R.T. 0.13 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:202 Resp: 128740

Ion	Ratio	Lower	Upper
202	100		
101	17.7	4.6	7.0#
100	7.0	3.4	5.2#

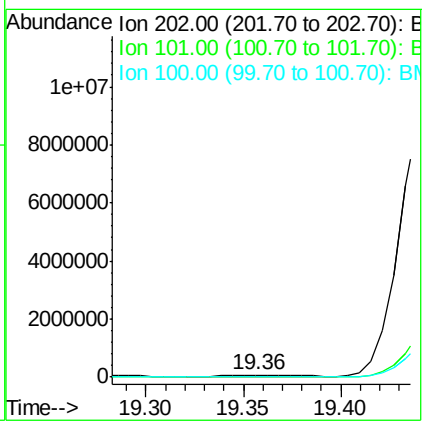


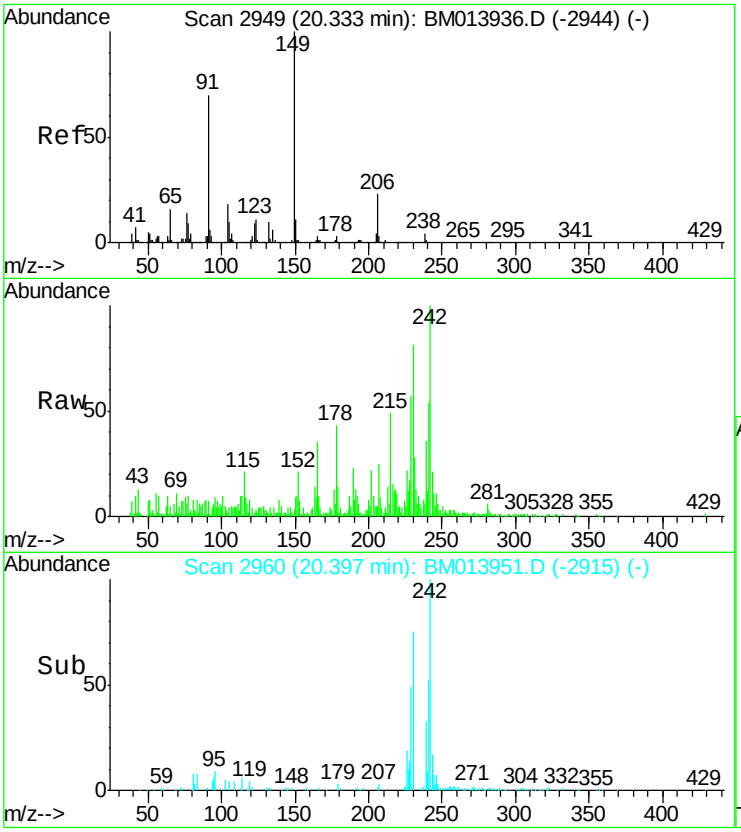


#77
Pyrene
Concen: 127.765 ng/ul
RT: 19.36 min Scan# 2783
Delta R.T. -0.06 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:202 Resp: 105075

Ion	Ratio	Lower	Upper
202	100		
101	14.8	5.1	7.7#
100	9.0	4.9	7.3#



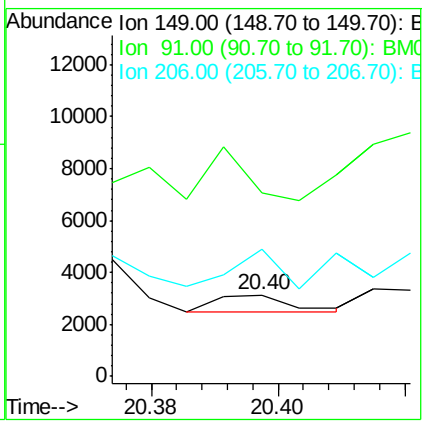


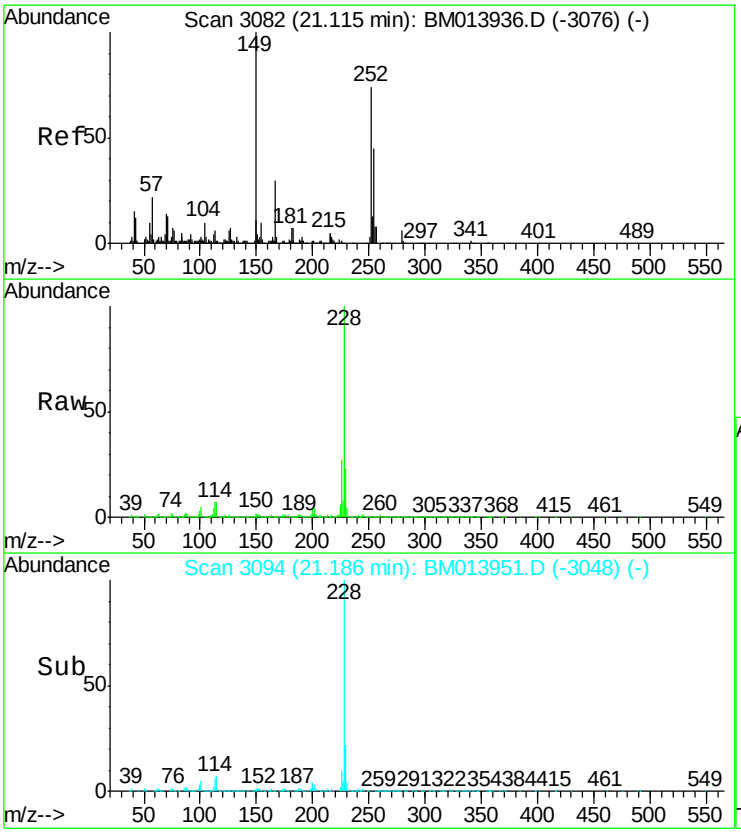
#78
Butylbenzylphthalate
Concen: 1.778 ng/ul
RT: 20.40 min Scan# 2960
Delta R.T. 0.06 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:149 Resp: 515

Ion	Ratio	Lower	Upper
149	100		
91	225.4	62.7	94.1#
206	156.0	20.8	31.2#

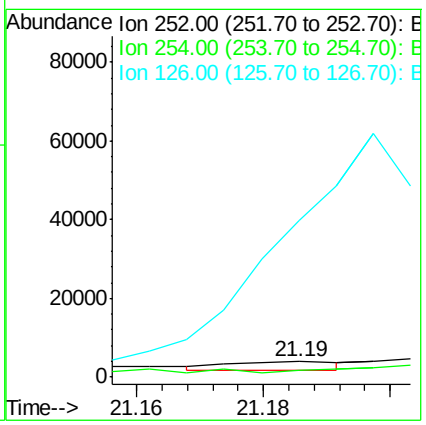


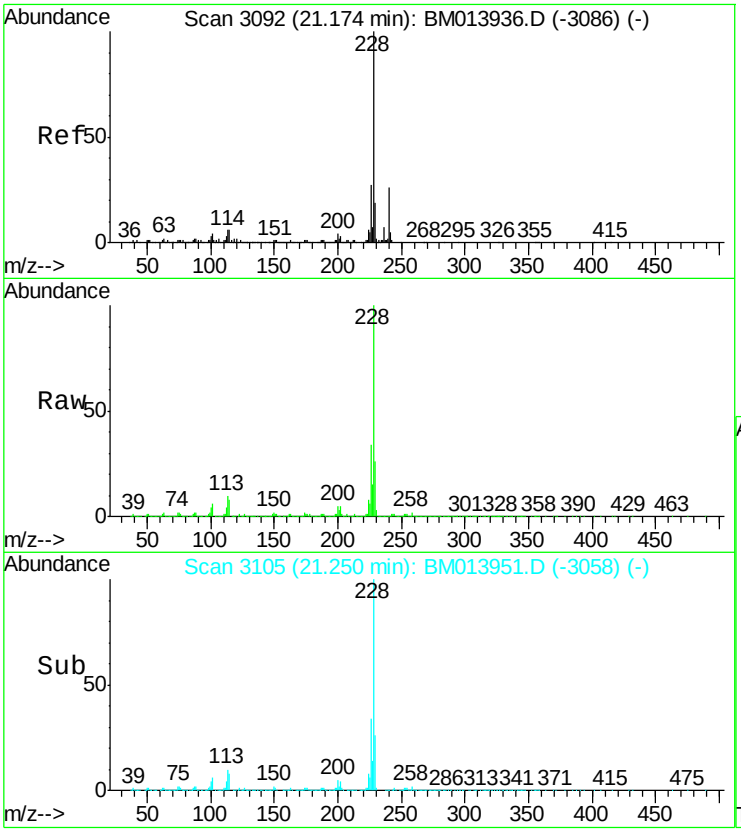


#79
3,3'-Dichlorobenzidine
Concen: 11.573 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.07 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:252 Resp: 2590

Ion	Ratio	Lower	Upper
252	100		
254	41.0	54.5	81.7#
126	1007.6	5.8	8.8#



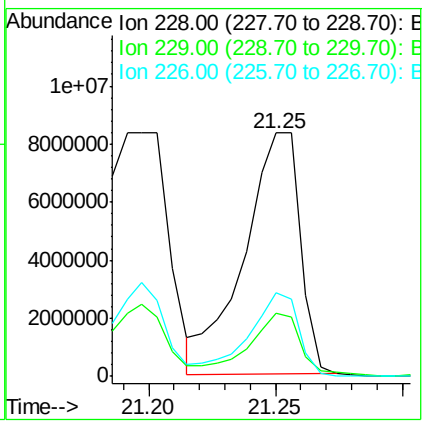


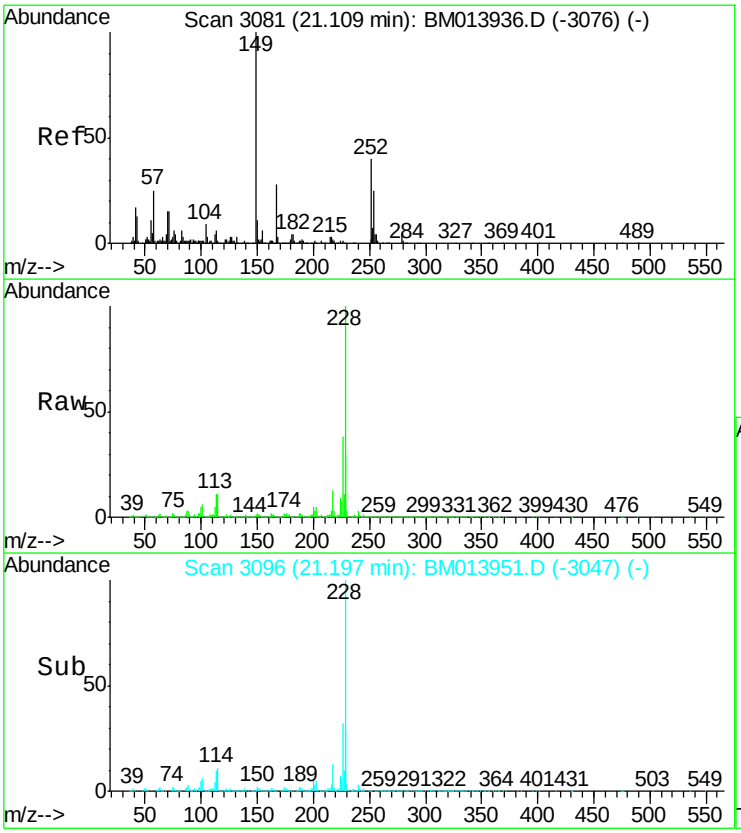
#80
Benzo(a)anthracene
Concen: 15814.527 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.08 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:228 Resp:12927275

Ion	Ratio	Lower	Upper
228	100		
229	25.9	15.4	23.0#
226	34.3	21.4	32.0#

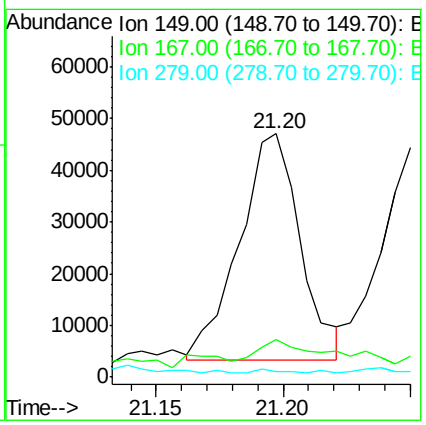


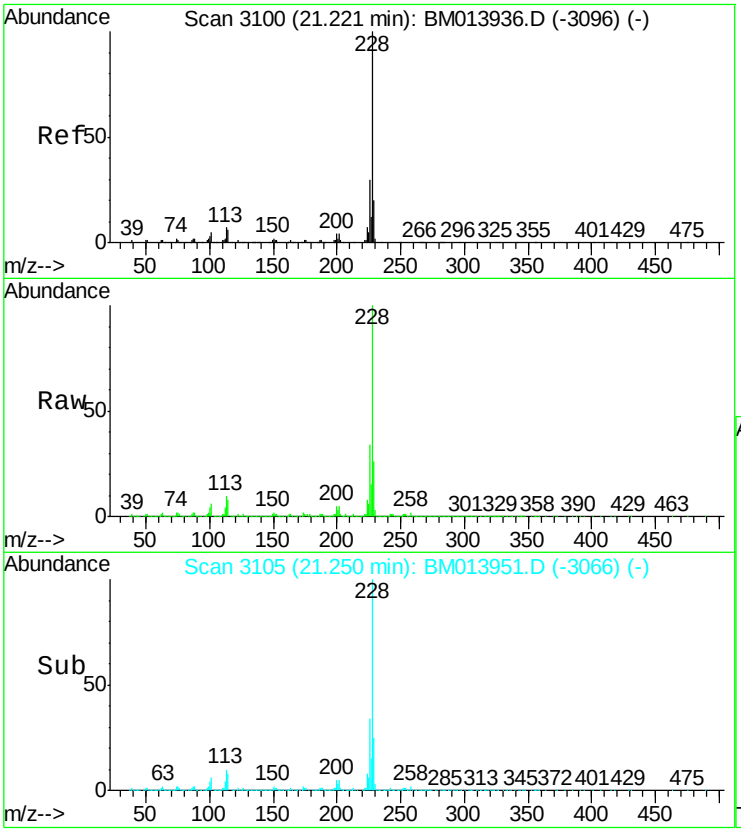


#81
Bis(2-ethylhexyl)phthalate
Concen: 168.867 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.09 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:149 Resp: 73398

Ion	Ratio	Lower	Upper
149	100		
167	15.6	22.8	34.2#
279	2.4	4.9	7.3#



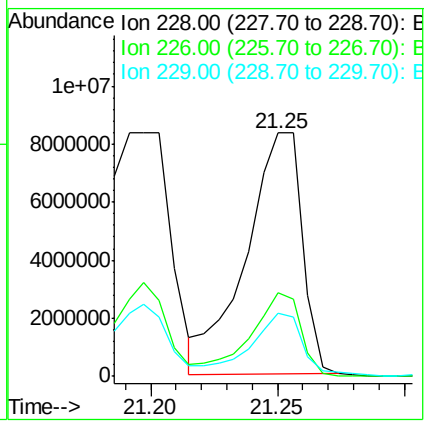


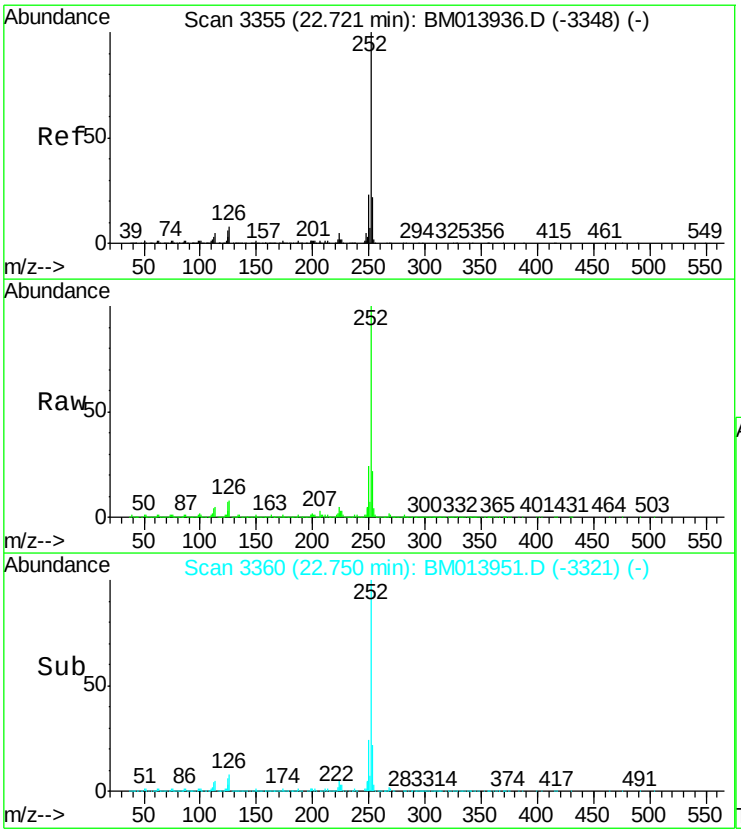
#82
Chrysene
Concen: 17238.817 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.03 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:228 Resp:12927275

Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.4	35.2
229	25.9	15.5	23.3#

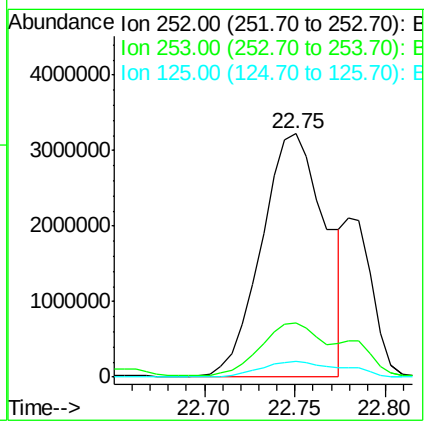


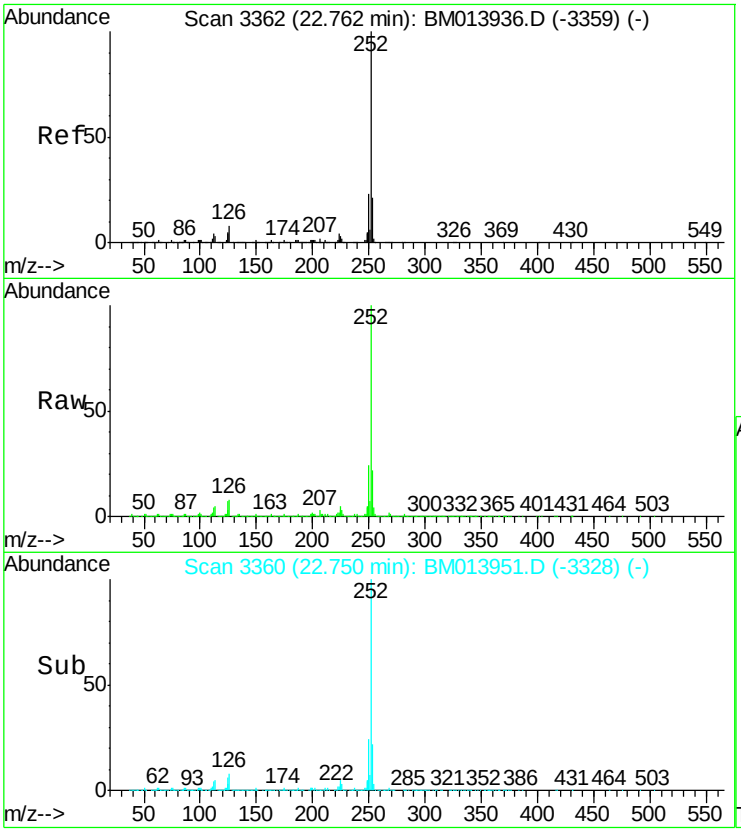


#85
Benzo(b)fluoranthene
Concen: 159.305 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.03 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:252 Resp: 7922238

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	6.5	3.6	5.4#



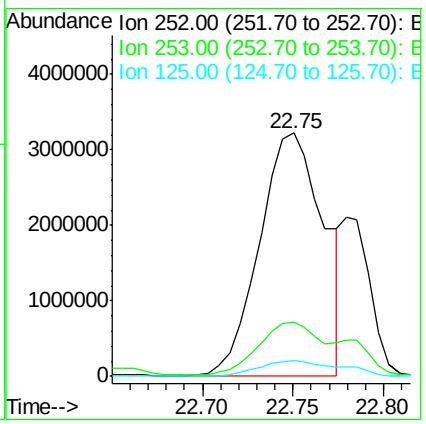


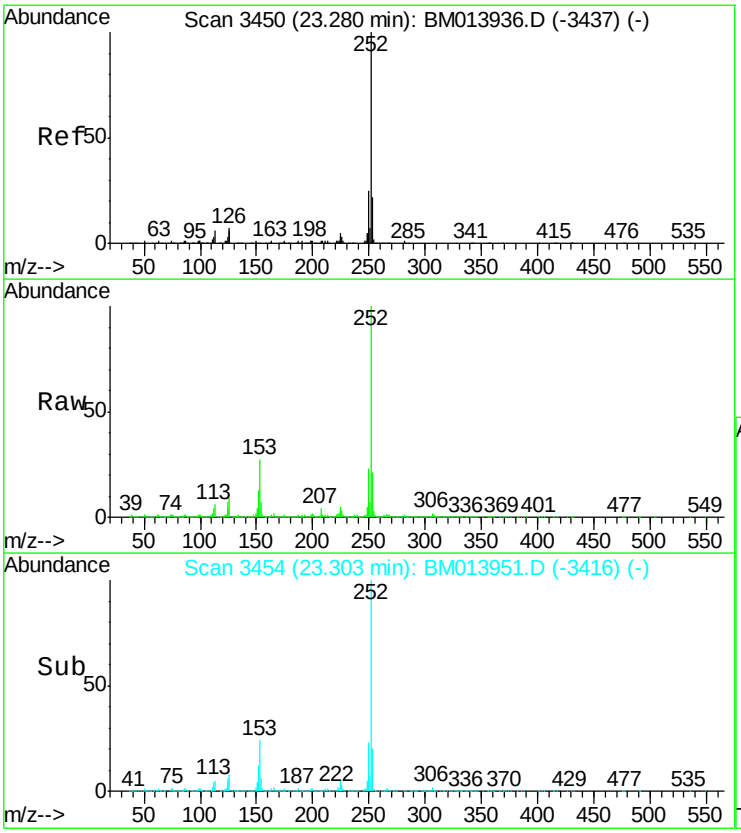
#86
Benzo(k)fluoranthene
Concen: 164.815 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:252 Resp: 7922238

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	6.5	3.4	5.2#

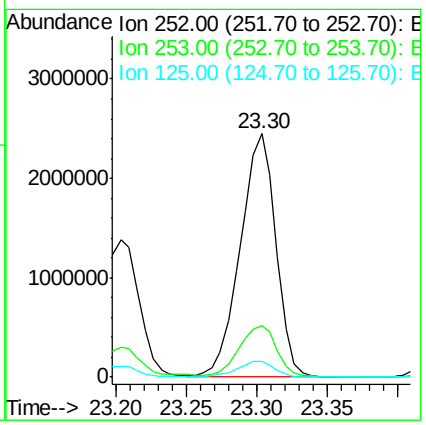


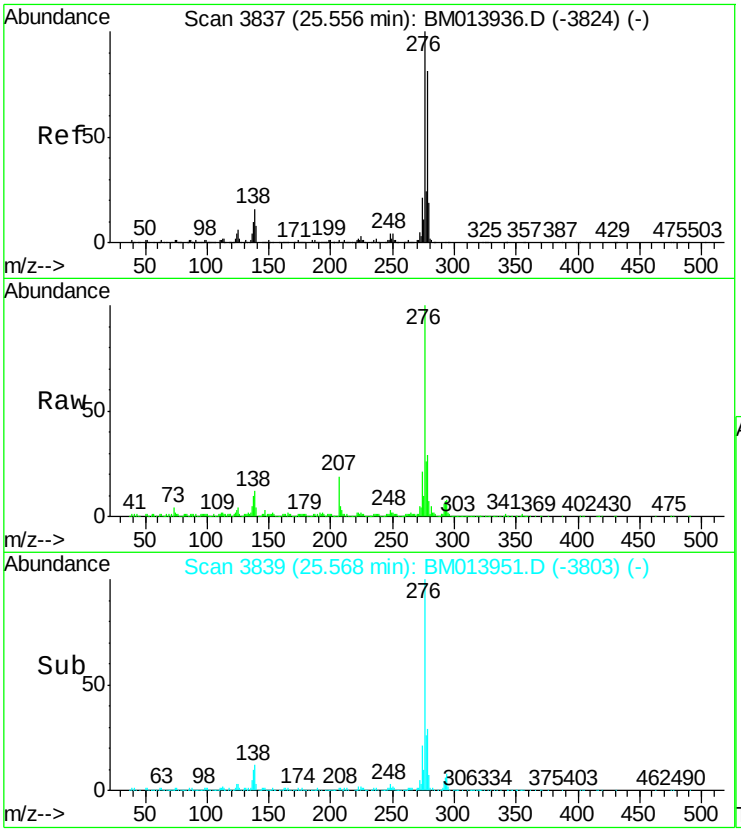


#88
Benzo(a)pyrene
Concen: 91.544 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.02 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:252 Resp: 4300605

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	6.6	4.0	6.0#



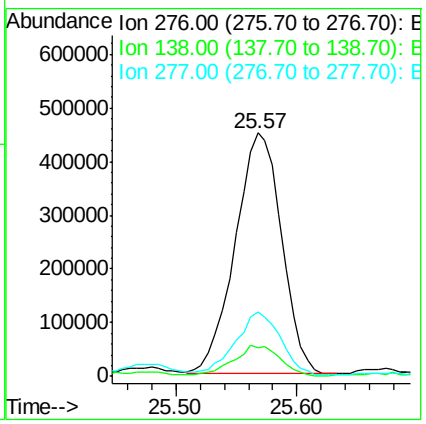


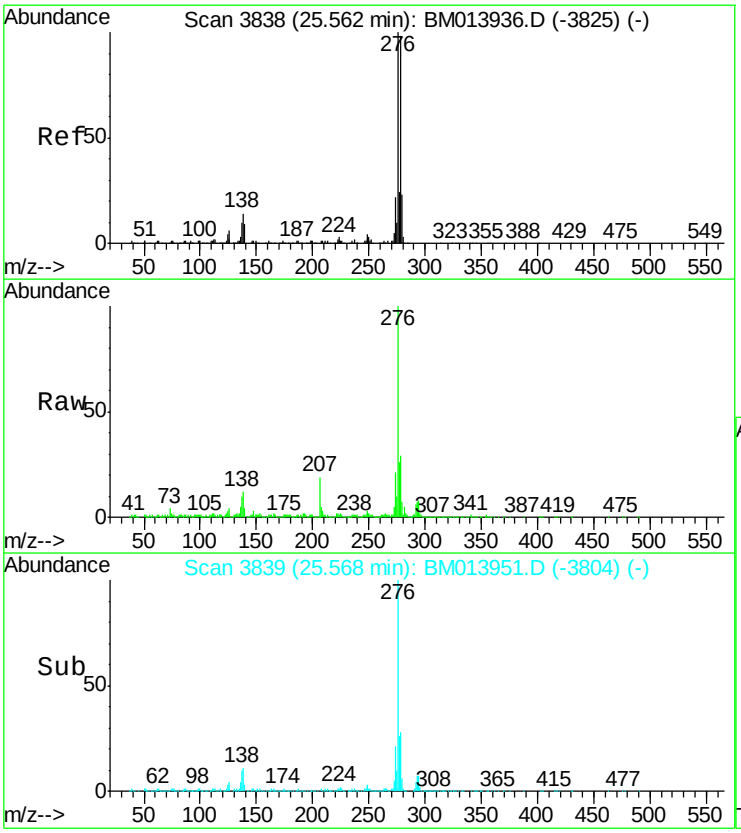
#89
Indeno(1,2,3-cd)pyrene
Concen: 21.667 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:276 Resp: 1201562

Ion	Ratio	Lower	Upper
276	100		
138	11.6	9.3	13.9
277	26.2	19.9	29.9

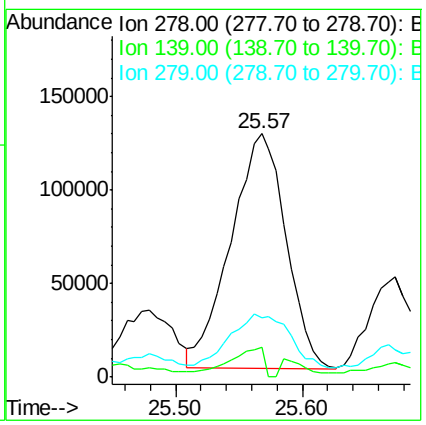


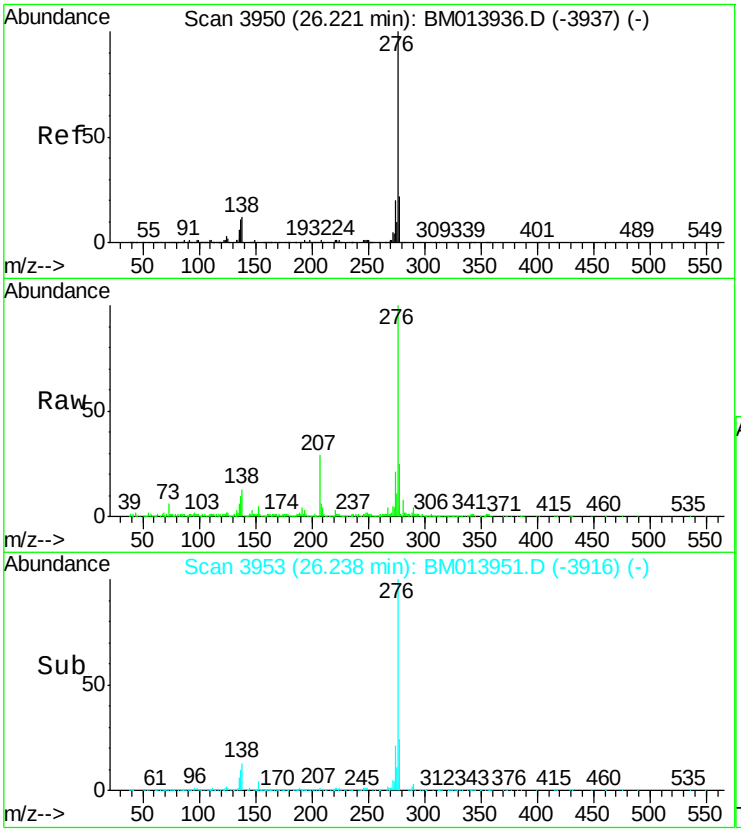


#90
Dibenzo(a,h)anthracene
Concen: 8.116 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Tgt Ion:278 Resp: 380085

Ion	Ratio	Lower	Upper
278	100		
139	12.3	5.8	8.8#
279	24.6	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 19.309 ng/ul
RT: 26.24 min Scan# 3953
Delta R.T. 0.02 min
Lab File: BM013951.D
Acq: 29 Jan 2018 08:22

Instrument :
BNA_M
ClientSampleId :
F6B51

Tgt Ion:276 Resp: 881308

Ion	Ratio	Lower	Upper
276	100		
138	12.8	8.5	12.7#
277	24.6	18.6	28.0