Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 14 01:21:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	145500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	634063	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	393852	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	997362	20.00	ng/ul	0.01
75) Chrysene-d12	21.27	240	1318156	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1219620	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	8316	2.83	ng/uL	0.00
5) Phenol-d5	6.86	99	197015	15.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	127404	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	165341	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	178415	16.59	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	92727	18.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	100752	18.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	189510	17.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	221833	21.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	659537	18.82	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	808285	18.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	101484	16.67	ng/ul	0.00
57) Fluorene-d10	15.32	176	590553	19.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	118053	18.82	ng/ul	0.01
70) Anthracene-d10	17.19	188	1006440	20.15	ng/ul	0.01
76) Pyrene-d10	19.48	212	1243988	18.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1152975	18.56	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.52	128	5139882	157.560	ng/ul	99
30) 4-Chloroaniline	10.52	127	662792	67.168	ng/ul#	17
34) 2-Methylnaphthalene	12.13	142	1879225	76.632	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	289062	8.684	ng/ul	98
44) Dimethylphthalate	13.79	163	81882	2.443	ng/ul#	97
47) Acenaphthylene	14.05	152	187270	4.679	ng/ul#	94
49) Acenaphthene	14.39	153	3547712	130.119	ng/ul	98
53) Dibenzofuran	14.73	168	3241779	80.540	ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	20089	2.020	ng/ul#	1
55) 2,3,4,6-Tetrachlorophenol	14.87	232	143851	16.670	ng/ul	97
58) Fluorene	15.38	166	2825466	84.854	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.47	198	105198	16.778	ng/ul#	70
64) N-Nitrosodiphenylamine	15.59	169	129512	4.408	ng/ul#	77
68) Pentachlorophenol	16.76	266	8454903	1130.621	ng/ul	98
69) Phenanthrene	17.23	178	11512033	203.170	ng/ul	100
71) Anthracene	17.23	178	11512033	198.765	ng/ul	98
72) Carbazole	17.49	167	2004604	40.239	ng/ul	100
77) Pyrene	19.52	202	18557744	231.735	ng/ul#	76
80) Benzo(a)anthracene	21.26	228	5204873	62.234	ng/ul	99
82) Chrysene	21.31	228	5120239	65.990	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	3492054	42.474	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	3492054	45.134	ng/ul#	96
88) Benzo(a)pyrene	23.40	252	1237931	16.762	ng/ul#	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 14 01:21:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	25.73	276	520096	7.097	ng/ul#	95
91) Benzo(g,h,i)perylene	26.40	276	323092	5.590	ng/ul#	94

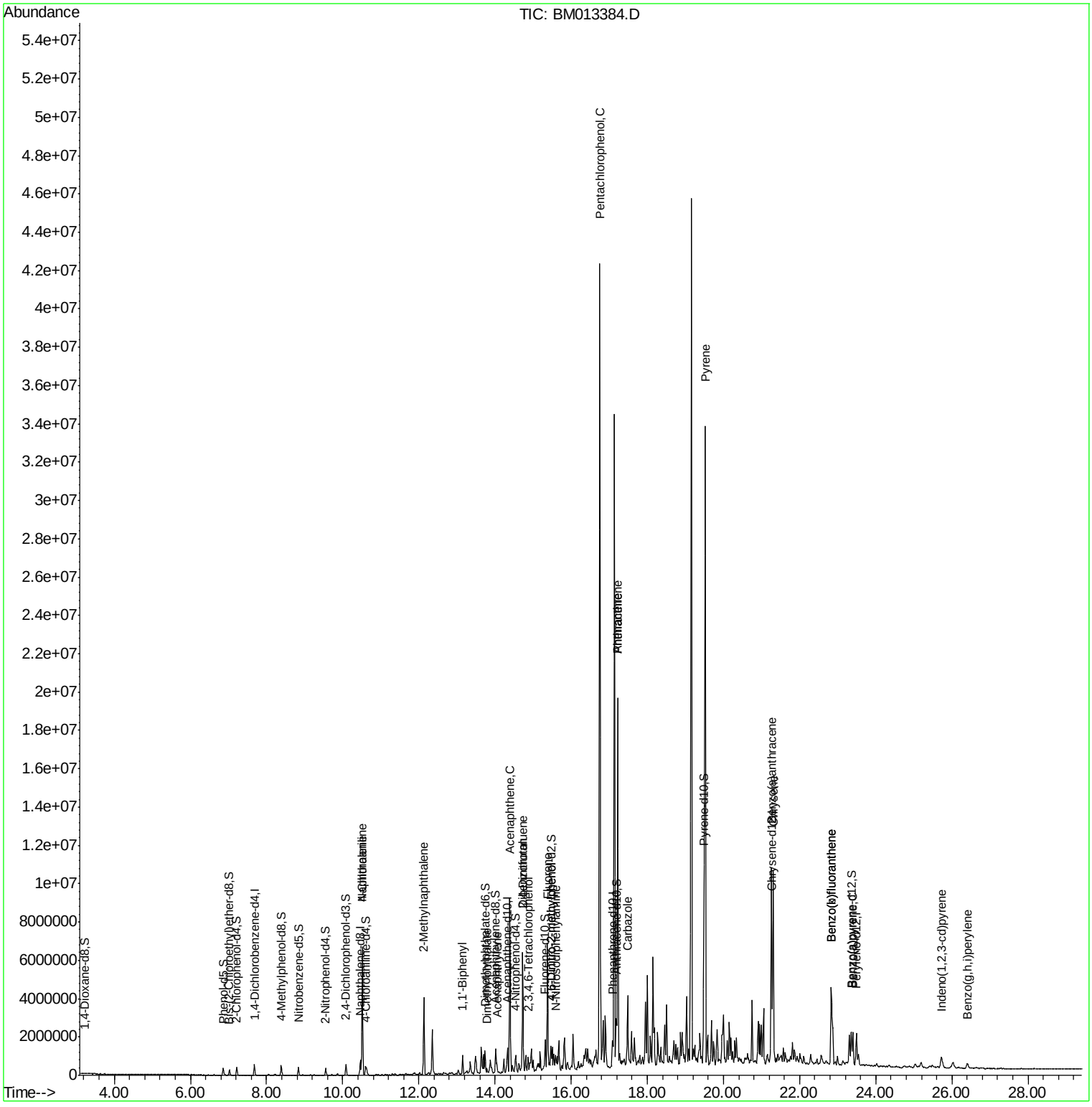
(#) = qualifier out of range (m) = manual integration (+) = signals summed

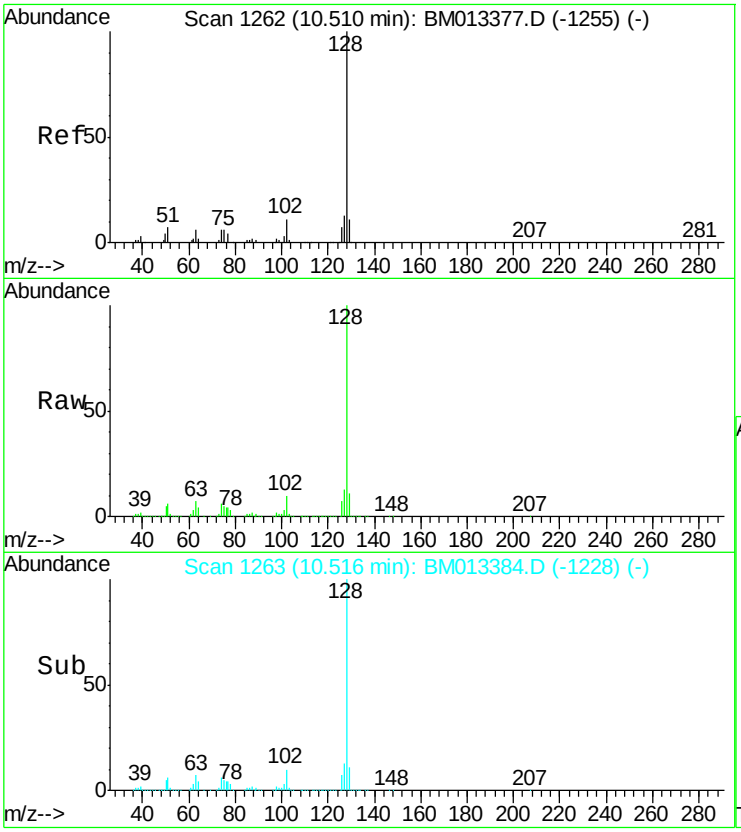
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 14 01:21:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration



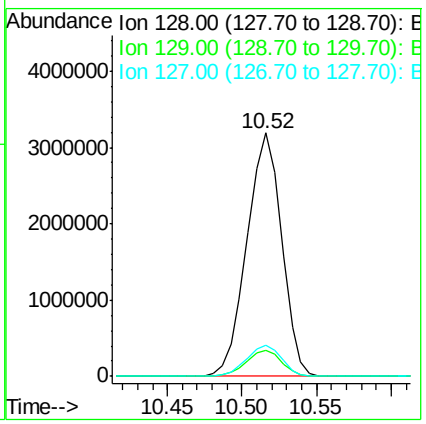


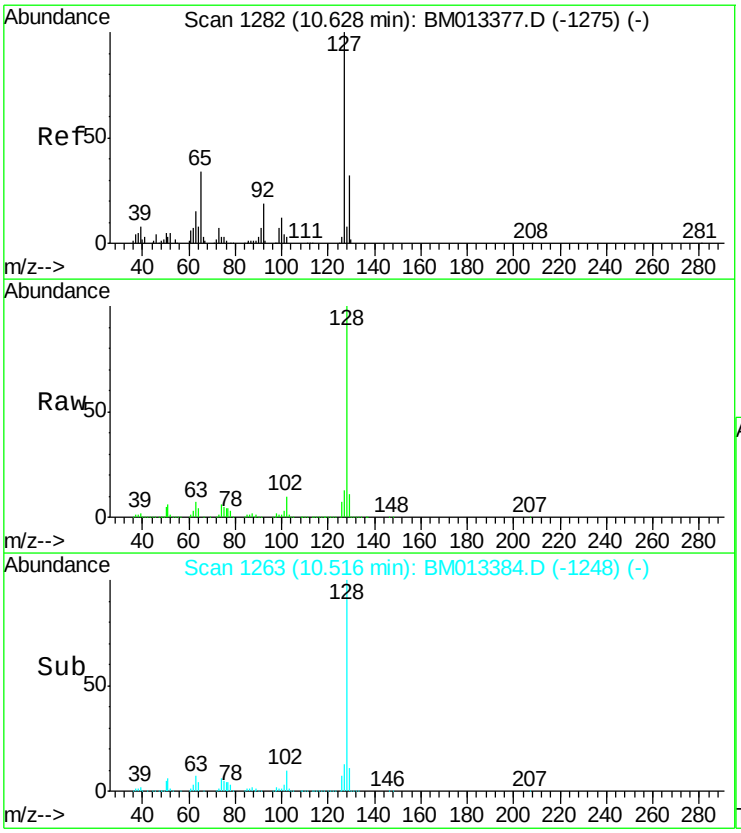
#28
Naphthalene
Concen: 157.560 ng/ul
RT: 10.52 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 5139882

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

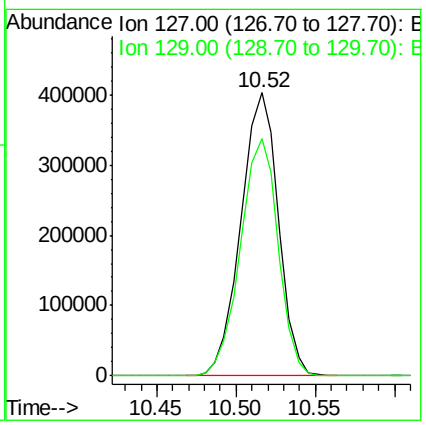


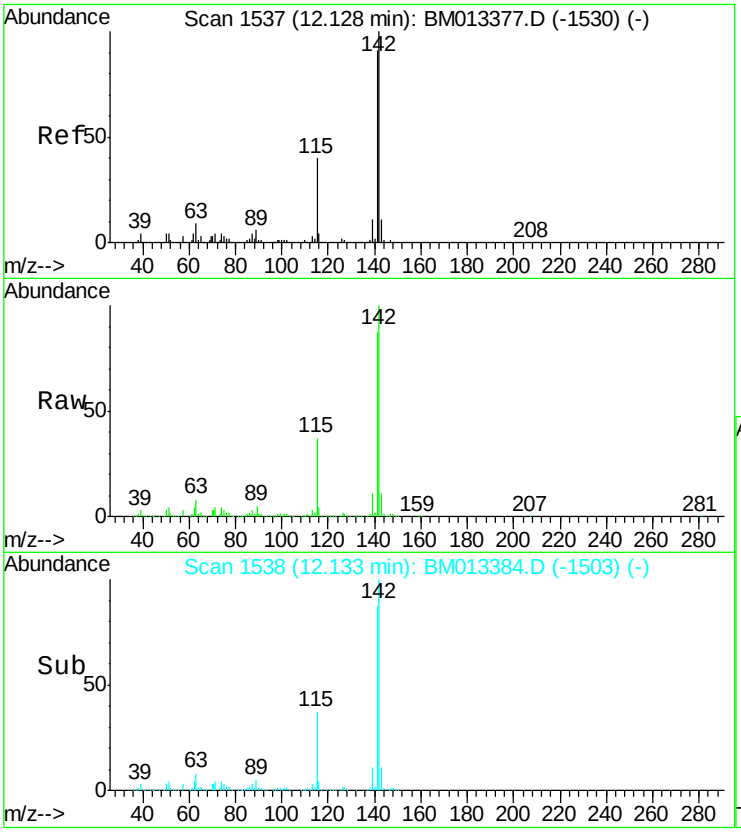


#30
4-Chloroaniline
Concen: 67.168 ng/ul
RT: 10.52 min Scan# 1263
Delta R.T. -0.11 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:127 Resp: 662792

Ion	Ratio	Lower	Upper
127	100		
129	83.8	28.4	42.6#



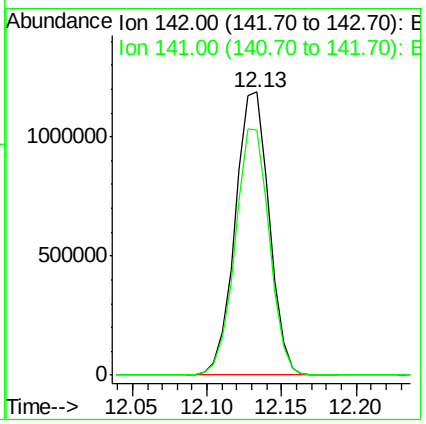


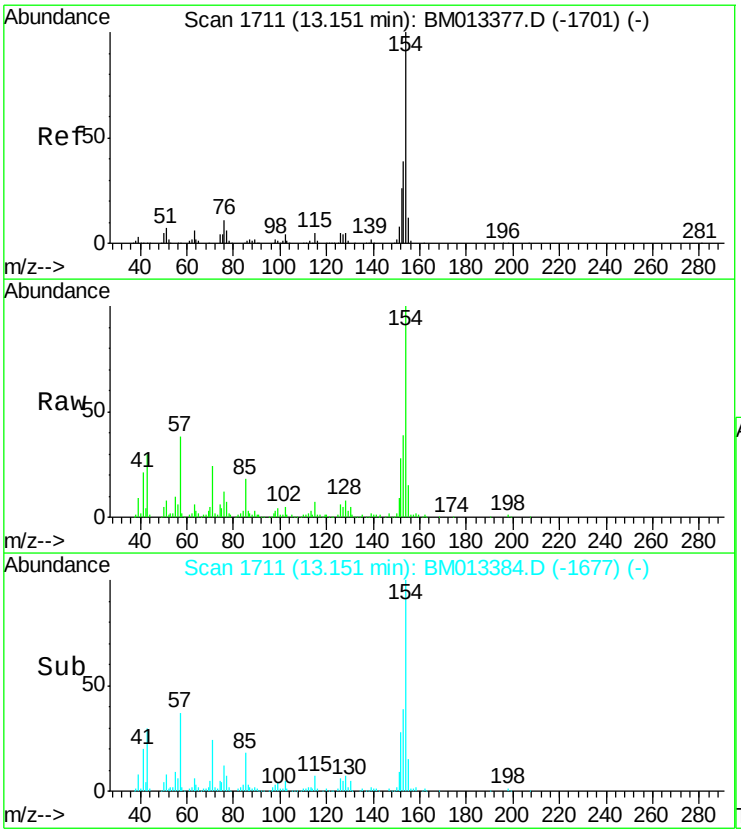
#34
2-Methylnaphthalene
Concen: 76.632 ng/ul
RT: 12.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1879225

Ion	Ratio	Lower	Upper
142	100		
141	86.7	74.1	111.1

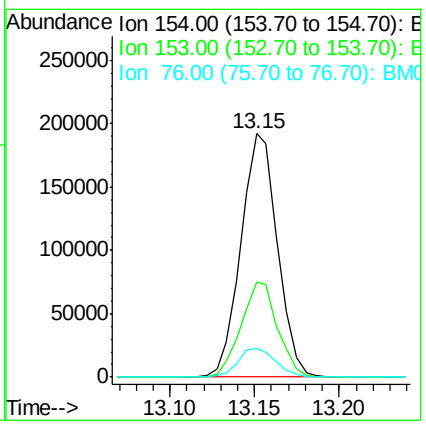


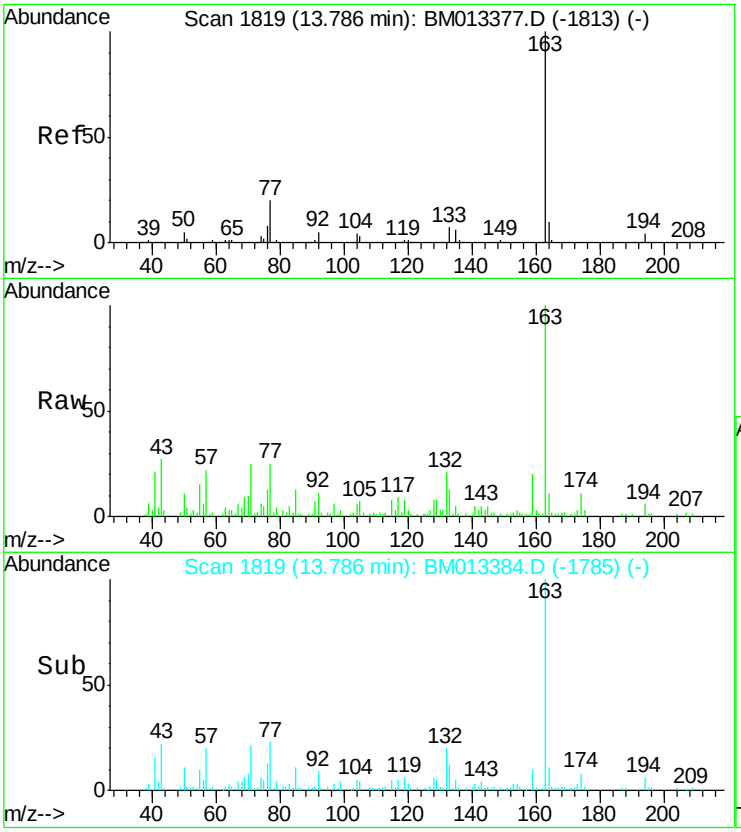


#40
1,1'-Biphenyl
Concen: 8.684 ng/ul
RT: 13.15 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:154 Resp: 289062

Ion	Ratio	Lower	Upper
154	100		
153	39.2	32.6	48.8
76	11.6	8.5	12.7



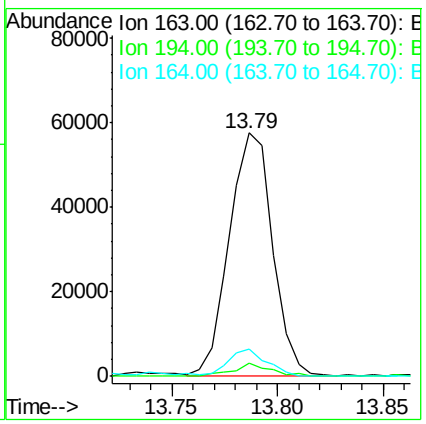


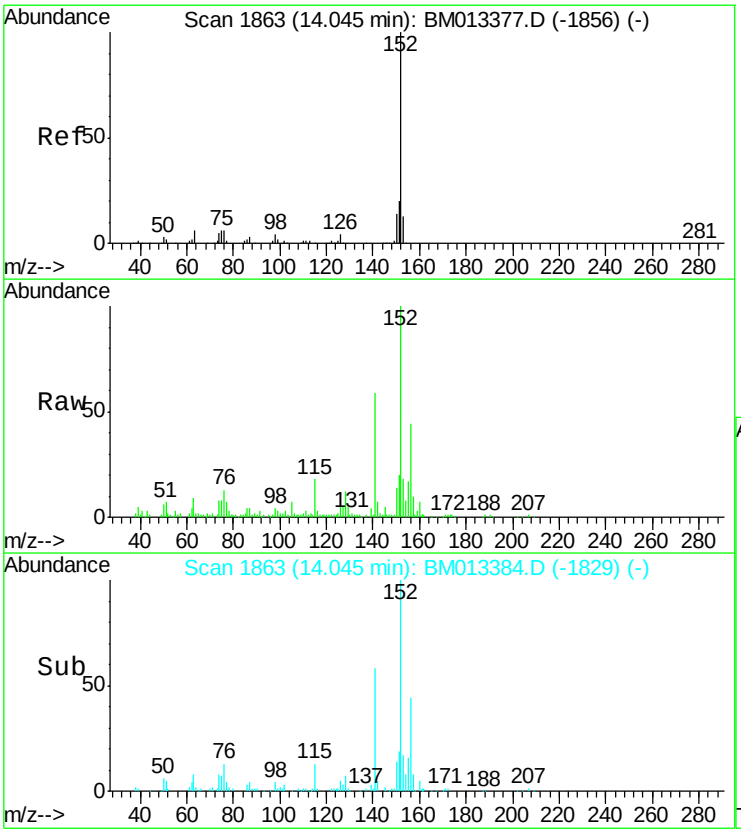
#44
Dimethylphthalate
Concen: 2.443 ng/ul
RT: 13.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 81882

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	11.3	8.2	12.4

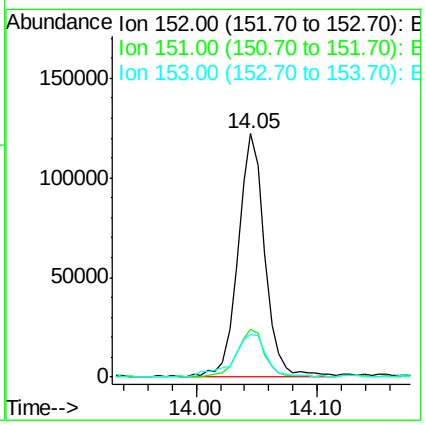


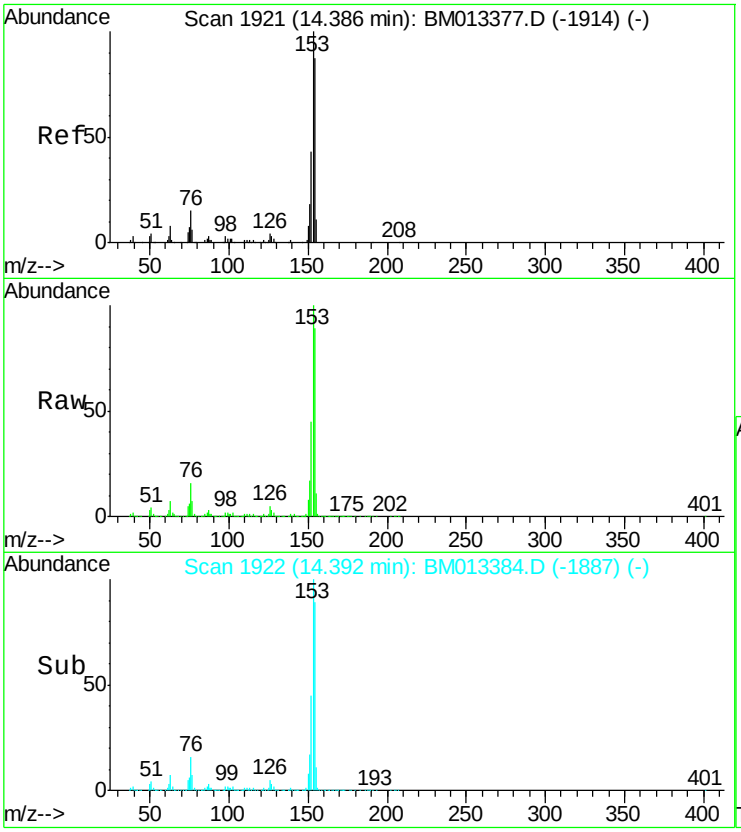


#47
Acenaphthylene
Concen: 4.679 ng/ul
RT: 14.05 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:152 Resp: 187270

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	17.6	10.2	15.4#



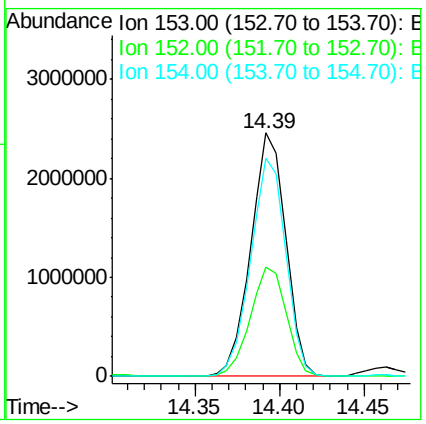


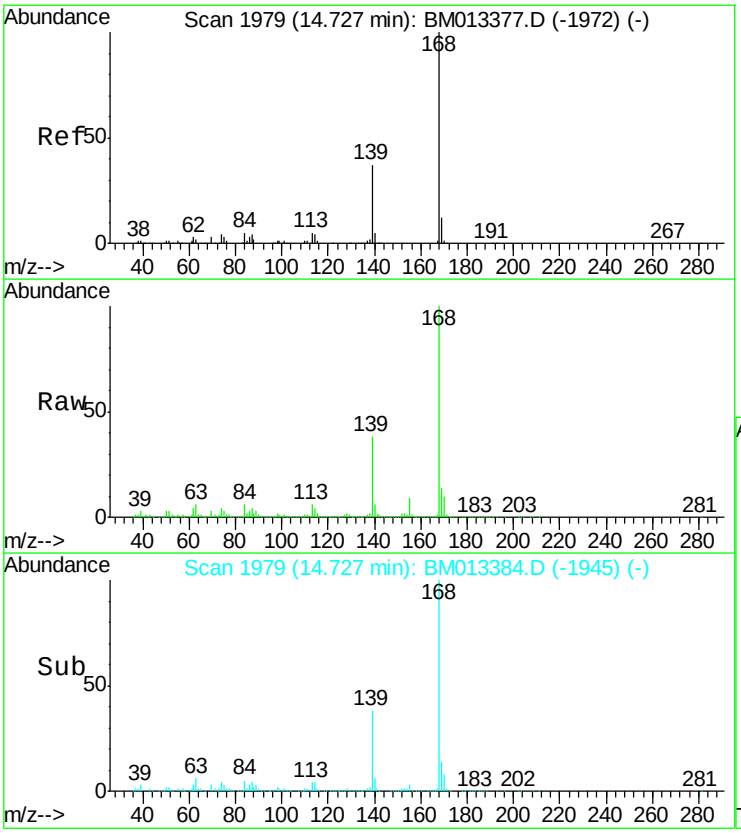
#49
Acenaphthene
Concen: 130.119 ng/ul
RT: 14.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 3547712

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.6	56.4
154	89.5	70.4	105.6

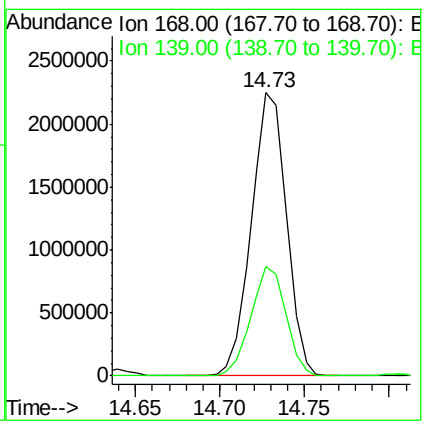


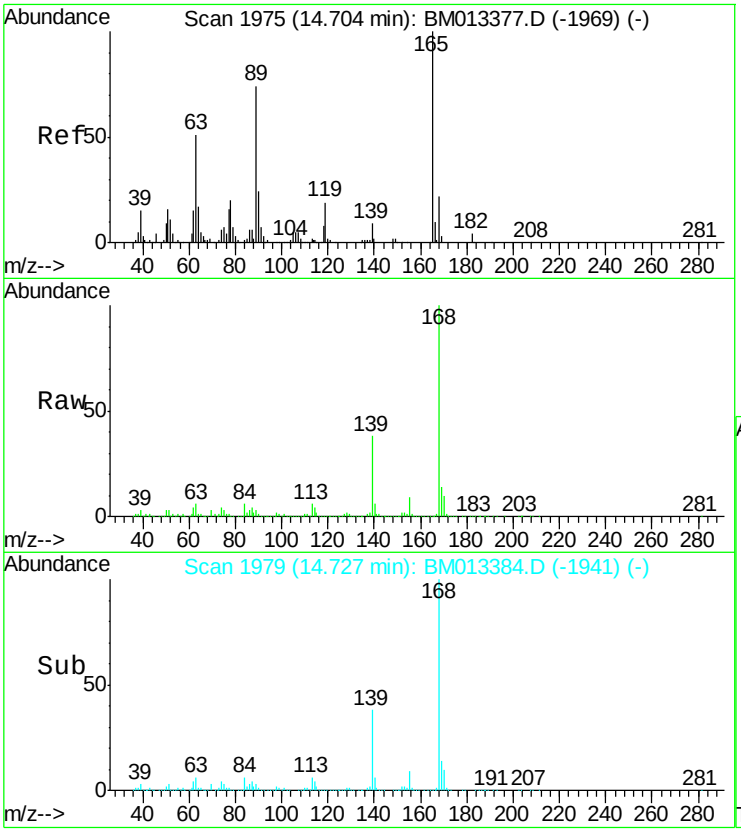


#53
Dibenzofuran
Concen: 80.540 ng/ul
RT: 14.73 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:168 Resp: 3241779

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.8	46.2



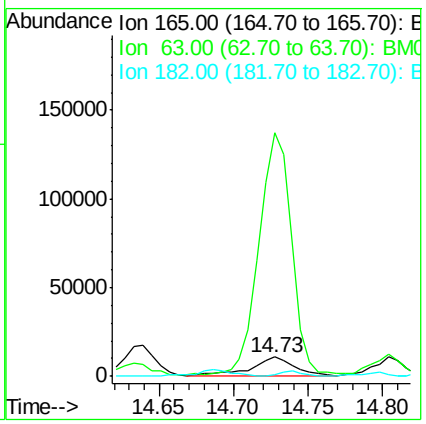


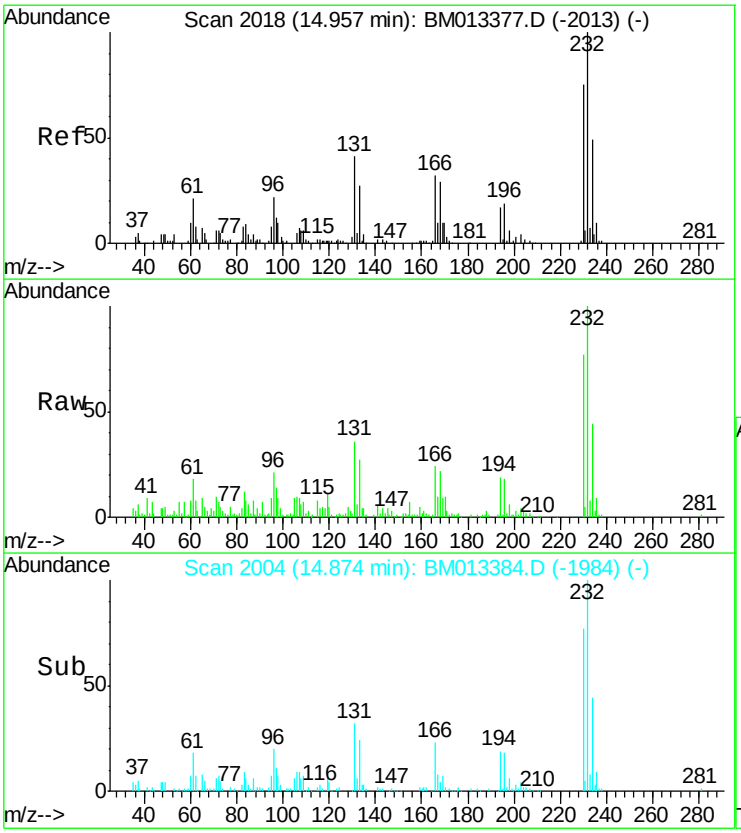
#54
2,4-Dinitrotoluene
Concen: 2.020 ng/ul
RT: 14.73 min Scan# 1979
Delta R.T. 0.02 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 20089

Ion	Ratio	Lower	Upper
165	100		
63	1276.9	45.8	68.8#
182	8.9	2.6	4.0#

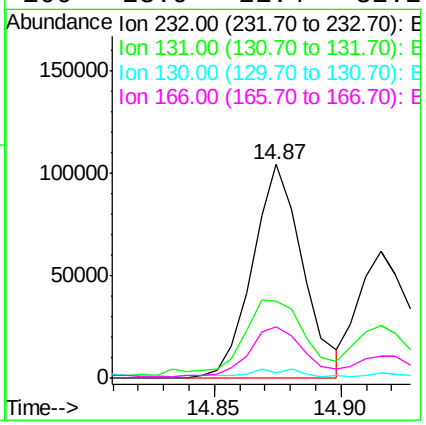


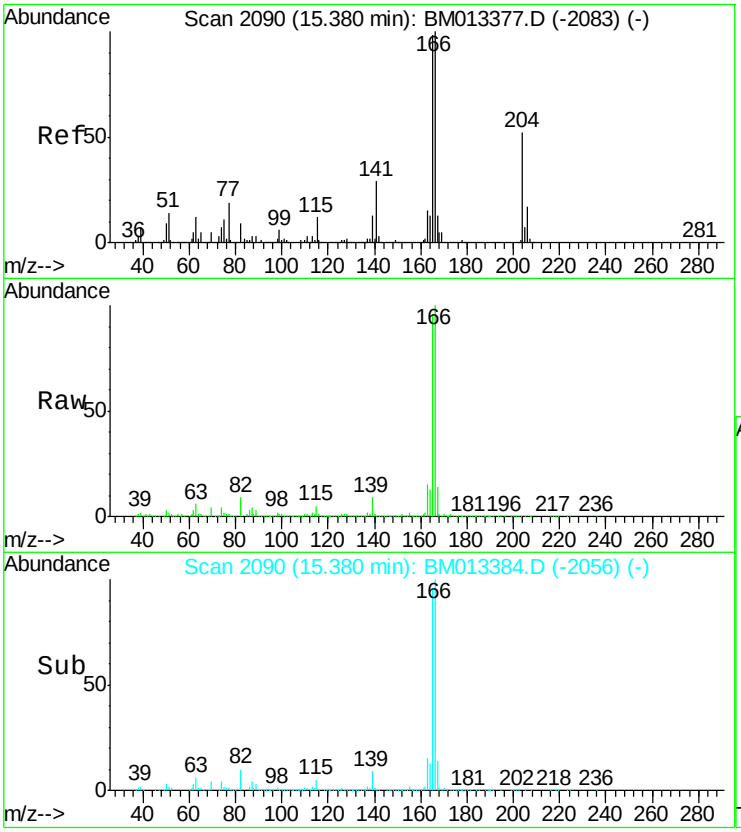


#55
2,3,4,6-Tetrachlorophenol
Concen: 16.670 ng/ul
RT: 14.87 min Scan# 2004
Delta R.T. -0.08 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:232 Resp: 143851

Ion	Ratio	Lower	Upper
232	100		
131	35.7	29.0	43.4
130	2.4	2.0	3.0
166	23.9	21.4	32.2



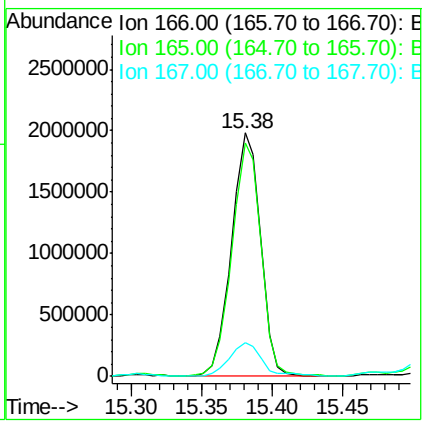


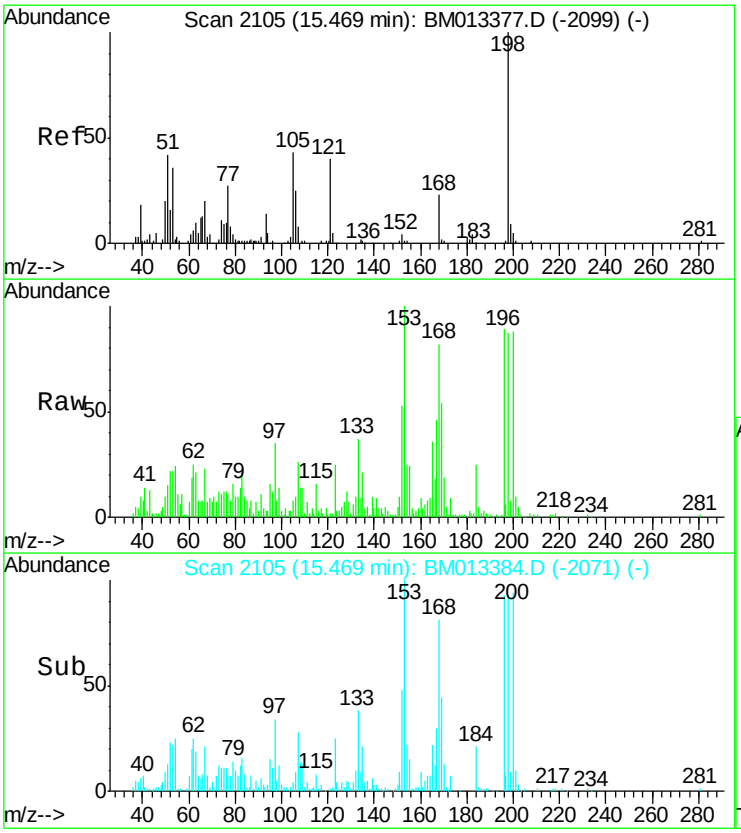
#58
Fluorene
Concen: 84.854 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2825466

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.9	116.9
167	13.8	10.6	16.0

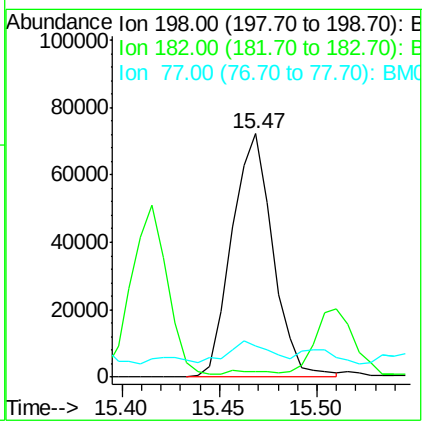


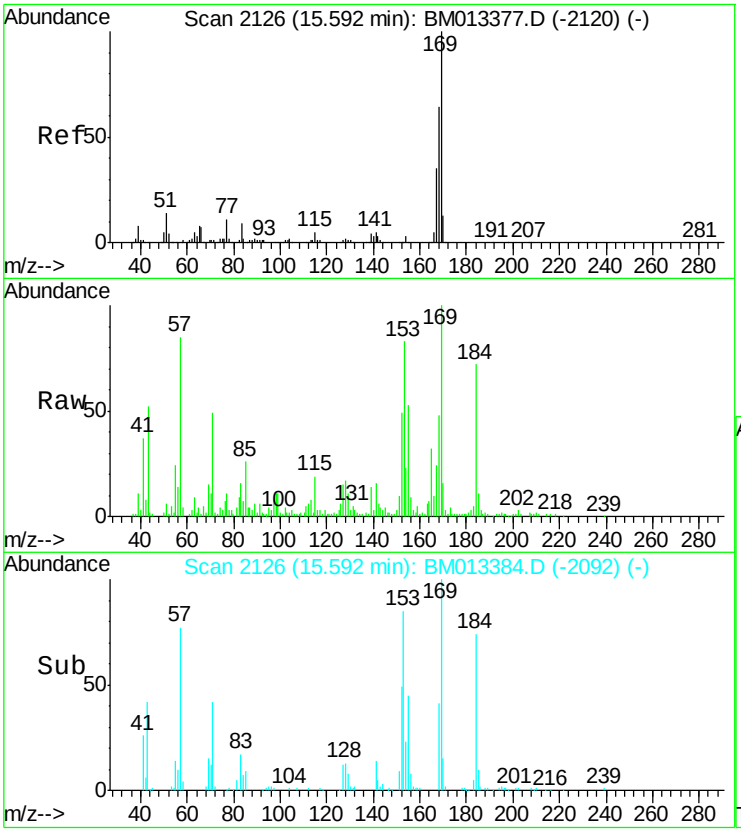


#63
4,6-Dinitro-2-methylphenol
Concen: 16.778 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:198 Resp: 105198

Ion	Ratio	Lower	Upper
198	100		
182	2.4	3.8	5.6#
77	13.0	25.2	37.8#



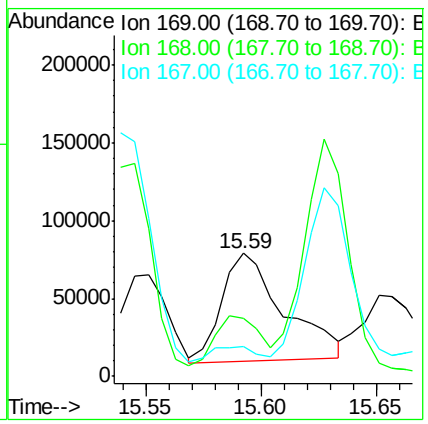


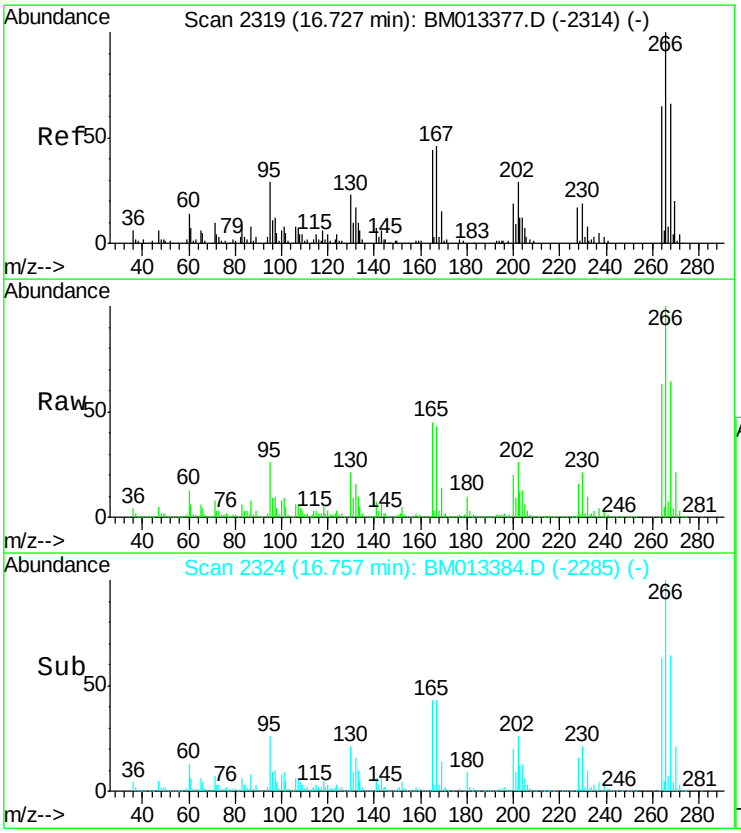
#64
N-Nitrosodiphenylamine
Concen: 4.408 ng/ul
RT: 15.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 129512

Ion	Ratio	Lower	Upper
169	100		
168	47.7	54.0	81.0#
167	24.2	29.1	43.7#

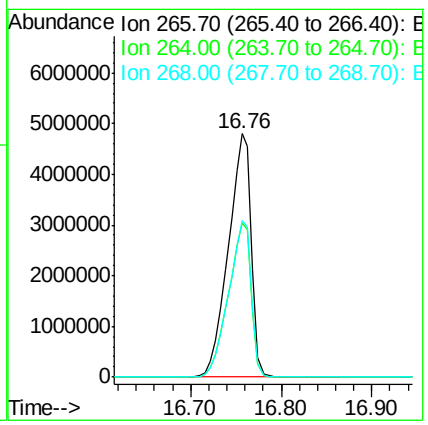


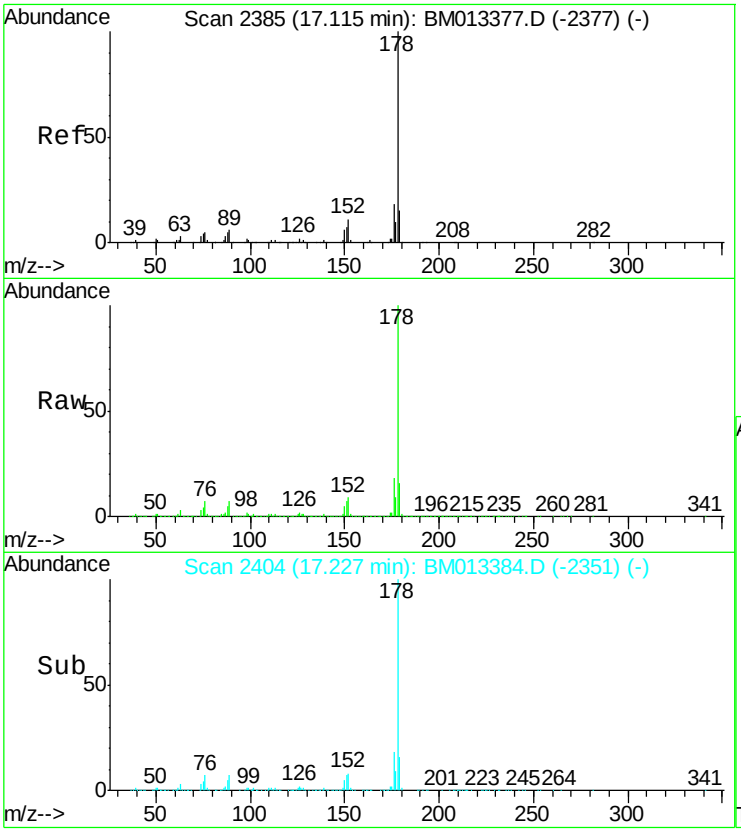


#68
Pentachlorophenol
Concen: 1130.621 ng/ul
RT: 16.76 min Scan# 2324
Delta R.T. 0.03 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:266 Resp: 8454903

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.3	73.9
268	64.2	52.6	78.8



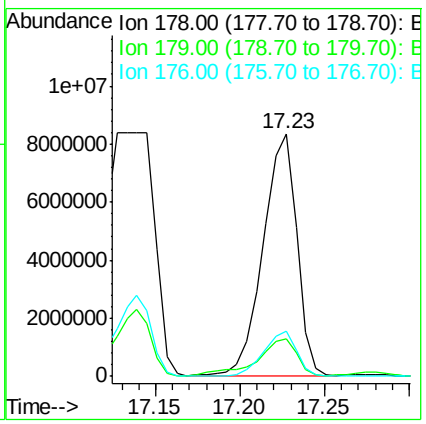


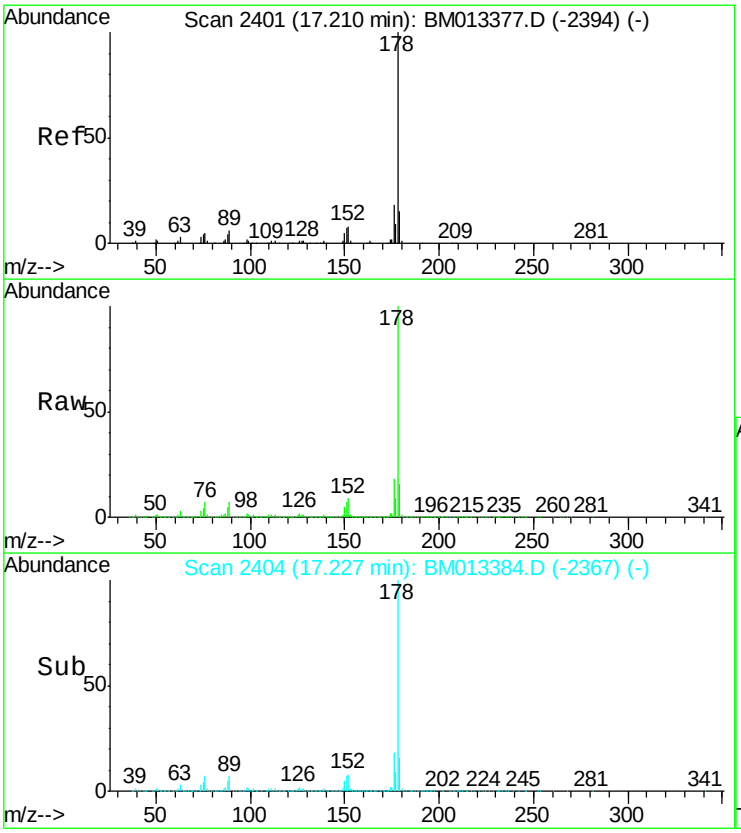
#69
Phenanthrene
Concen: 203.170 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. 0.11 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:11512033

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.4	14.9	22.3

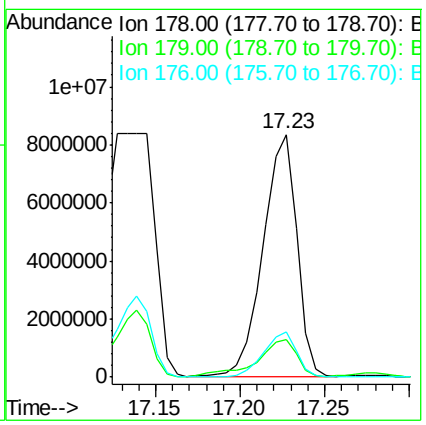


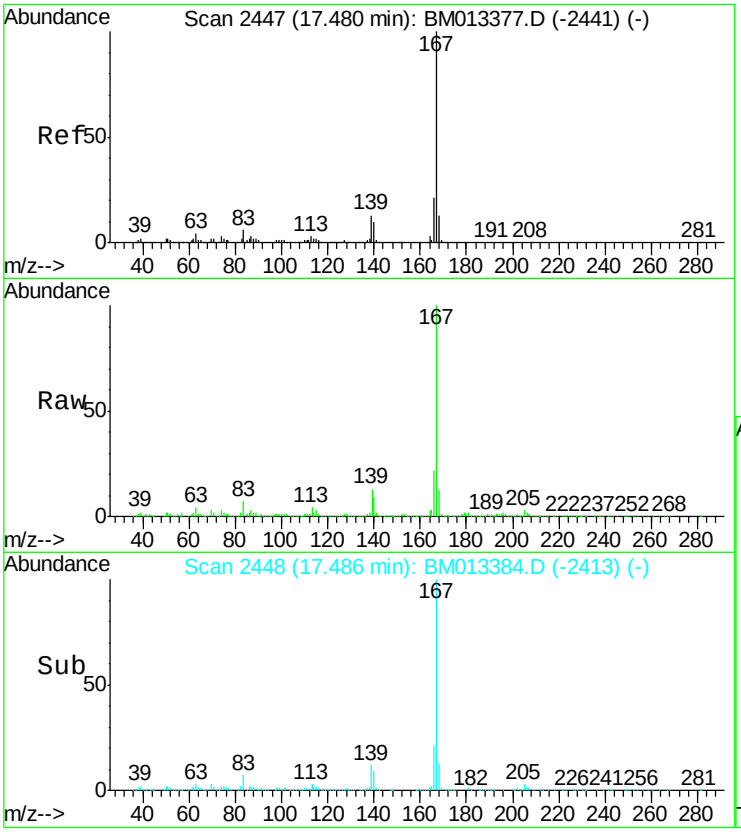


#71
Anthracene
Concen: 198.765 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. 0.02 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:178 Resp:11512033

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.4	14.6	21.8



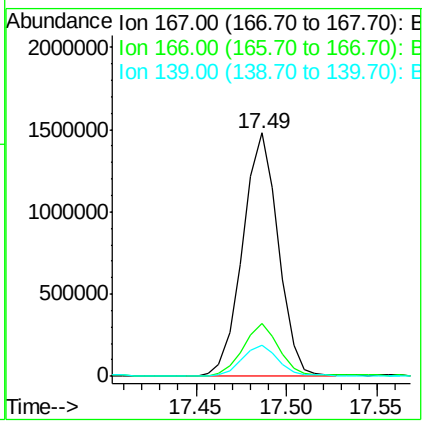


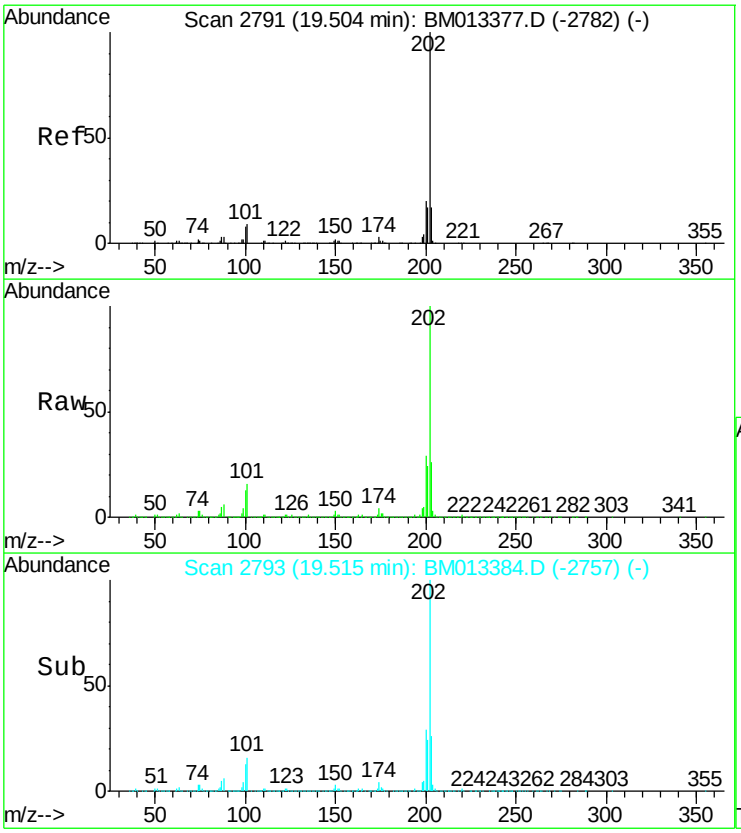
#72
Carbazole
Concen: 40.239 ng/ul
RT: 17.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 2004604

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.7	10.0	15.0

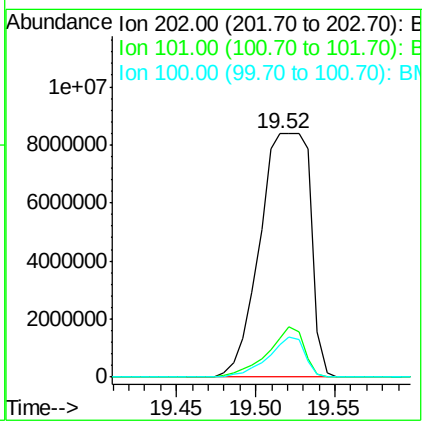


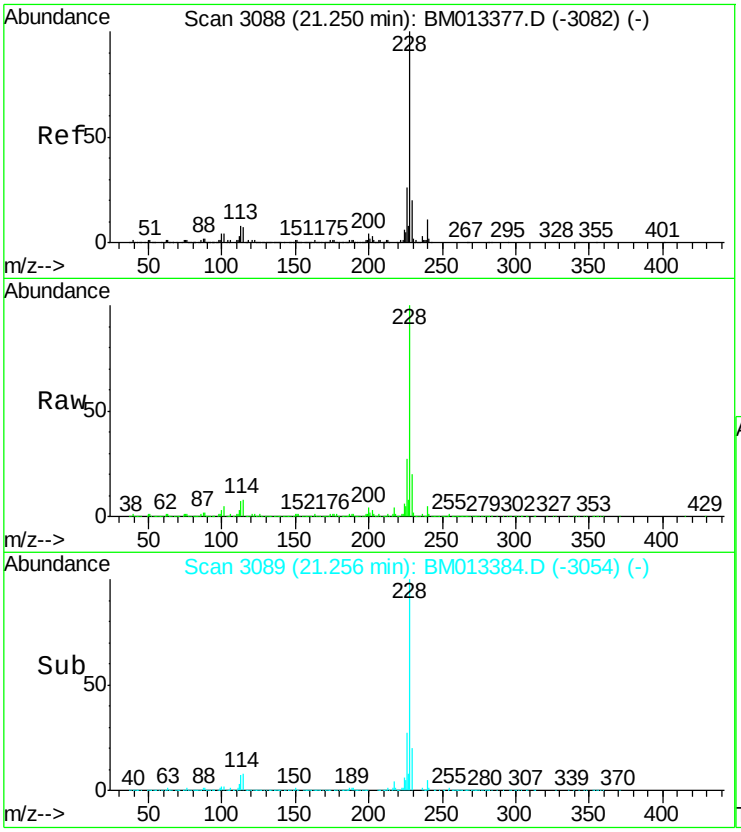


#77
Pyrene
Concen: 231.735 ng/ul
RT: 19.52 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:202 Resp:18557744

Ion	Ratio	Lower	Upper
202	100		
101	15.8	5.1	7.7#
100	13.1	4.9	7.3#



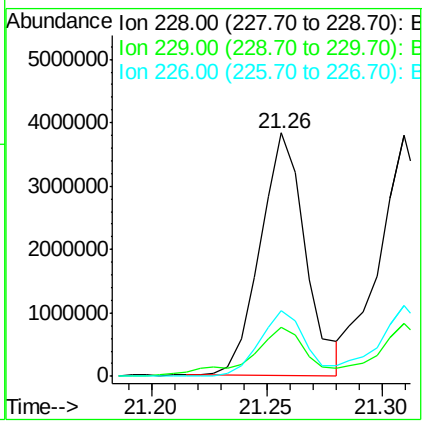


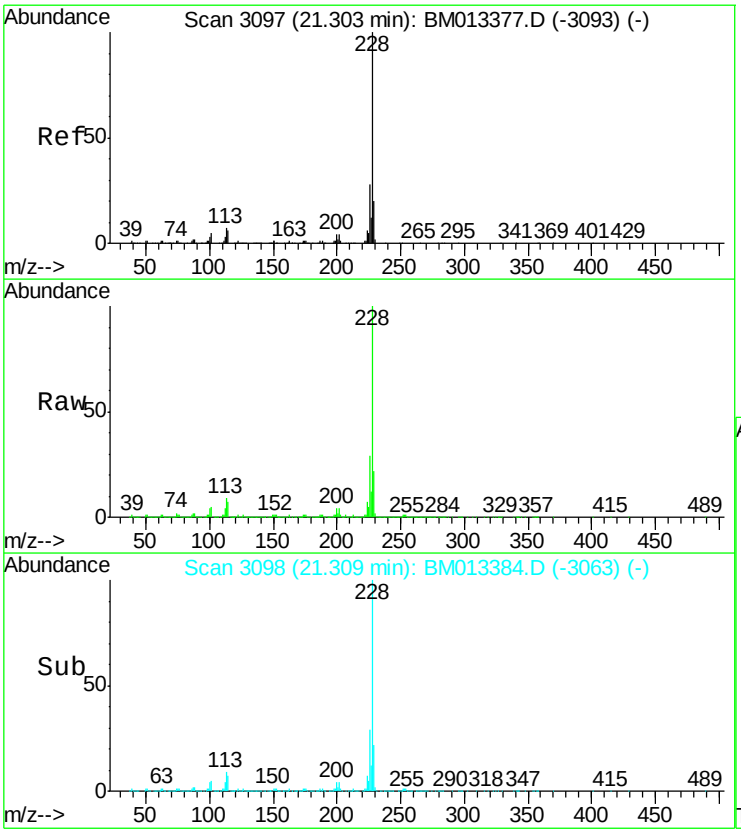
#80
Benzo(a)anthracene
Concen: 62.234 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 5204873

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	26.8	21.4	32.0

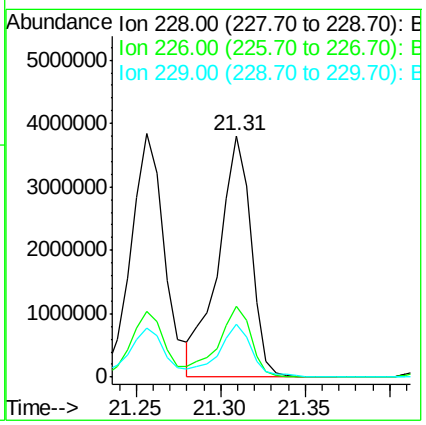


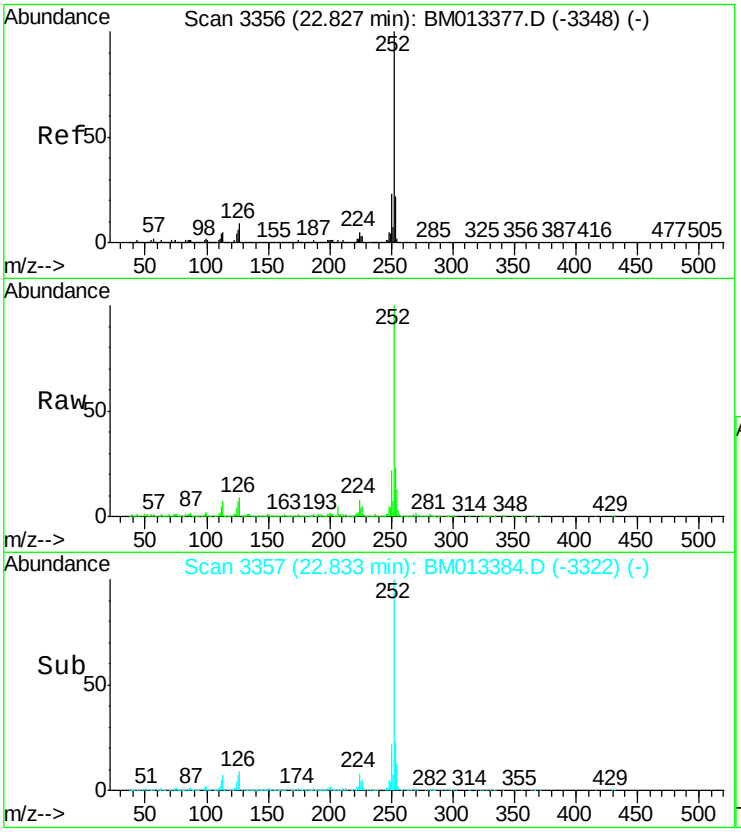


#82
Chrysene
Concen: 65.990 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:228 Resp: 5120239

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.0	15.5	23.3



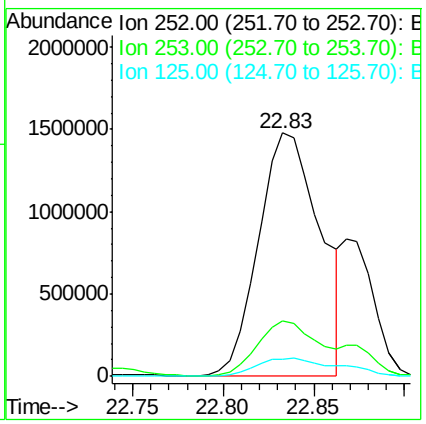


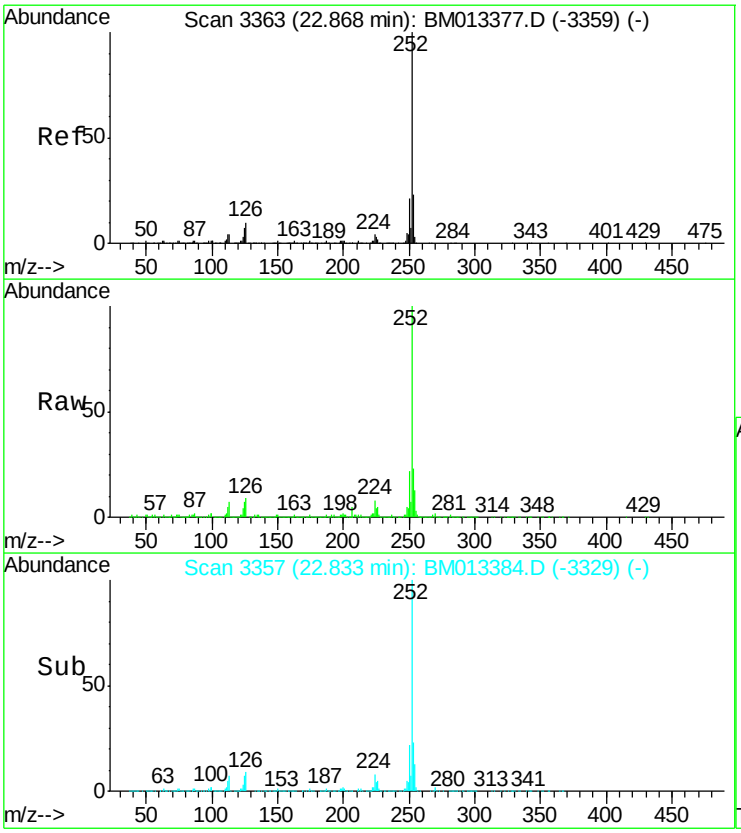
#85
Benzo(b)fluoranthene
Concen: 42.474 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3492054

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	7.2	3.6	5.4#

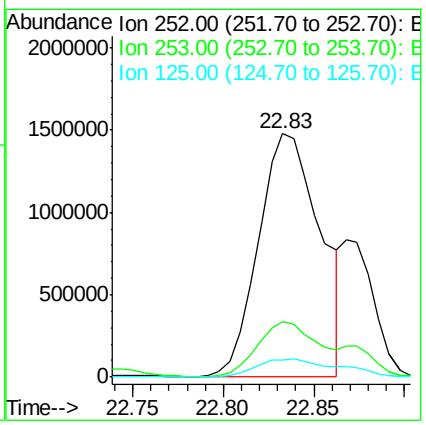


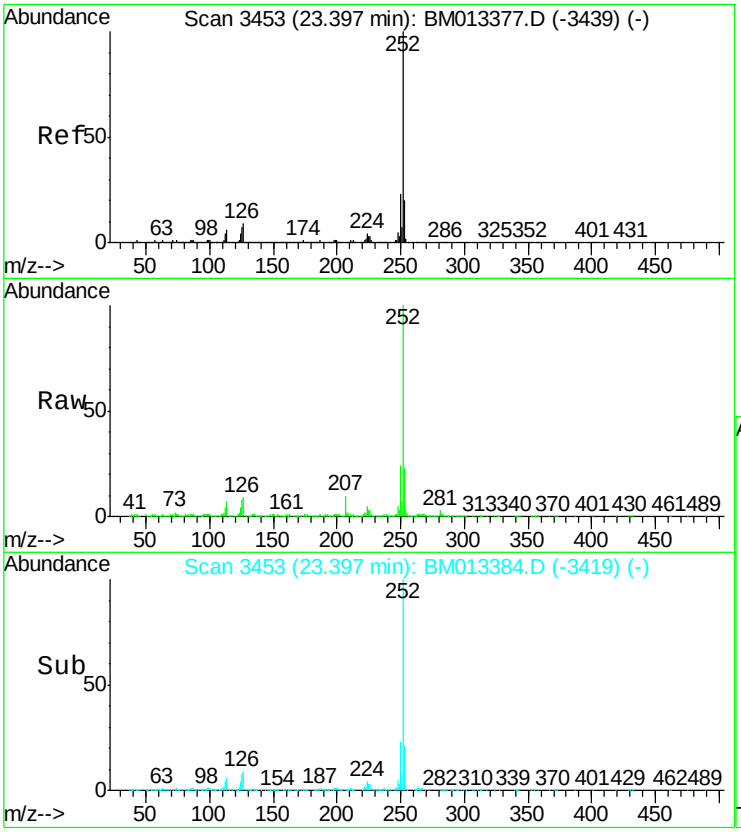


#86
Benzo(k)fluoranthene
Concen: 45.134 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. -0.04 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:252 Resp: 3492054

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



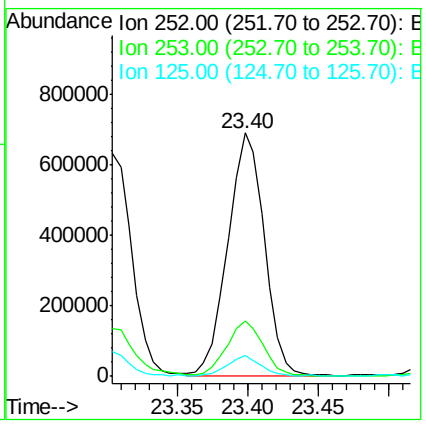


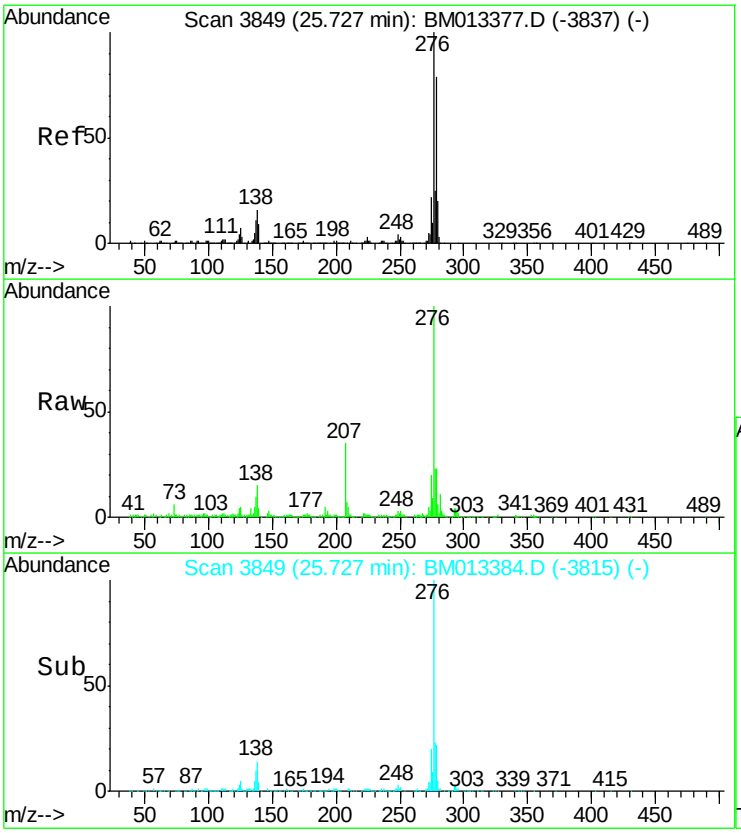
#88
Benzo(a)pyrene
Concen: 16.762 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1237931

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.5	4.0	6.0#

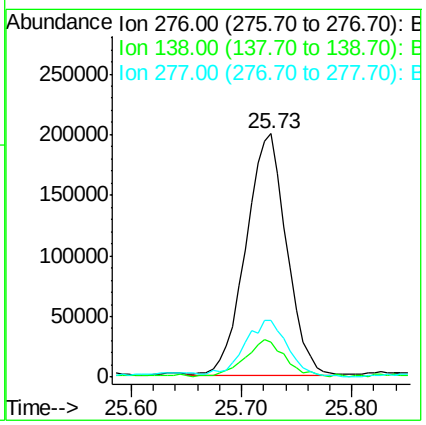


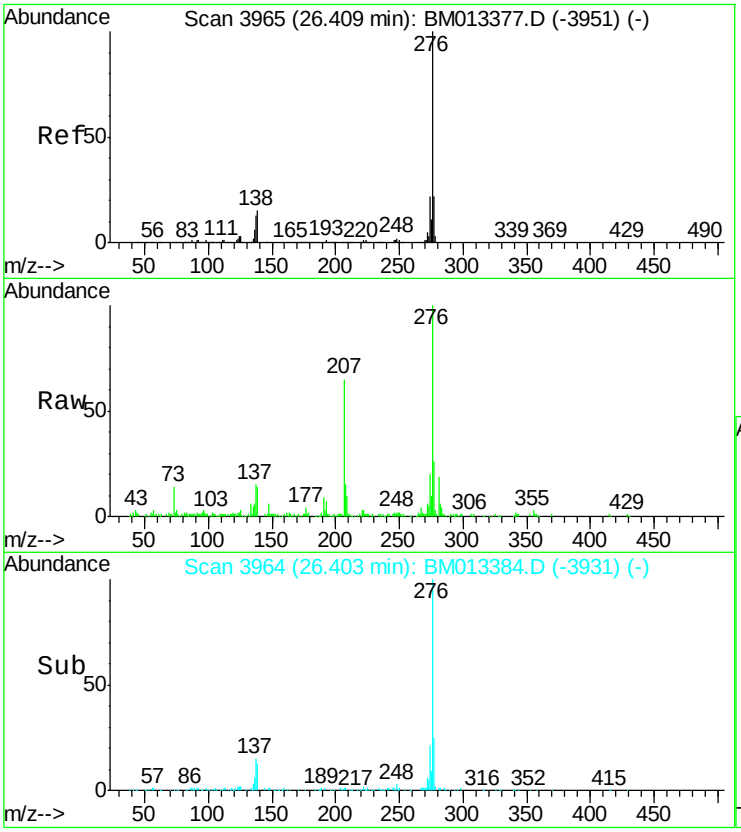


#89
Indeno(1,2,3-cd)pyrene
Concen: 7.097 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. 0.00 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Tgt Ion:276 Resp: 520096

Ion	Ratio	Lower	Upper
276	100		
138	14.6	9.3	13.9#
277	23.2	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 5.590 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM013384.D
Acq: 13 Dec 2017 21:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 323092

Ion	Ratio	Lower	Upper
276	100		
138	14.0	8.5	12.7#
277	25.7	18.6	28.0