Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013510.D
Acq On : 19 Dec 2017 12:35
Operator : SJ/JU
Sample : I6775-07ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 20 03:15:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	153083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	671635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	417320	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	954055	20.00	ng/ul	0.01
75) Chrysene-d12	21.26	240	931724	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	772947	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	9021	2.92	ng/uL	0.00
5) Phenol-d5	6.85	99	230308	17.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	147244	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	191776	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	206980	18.29	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	108873	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	117075	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	215369	18.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	284958	26.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	730222	19.66	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	883932	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	91047	14.11	ng/ul	0.00
57) Fluorene-d10	15.32	176	626870	19.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	67727	11.28	ng/ul	0.02
70) Anthracene-d10	17.17	188	976788	20.44	ng/ul	0.01
76) Pyrene-d10	19.47	212	1070143	23.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	781767	19.86	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.45	108	13387	1.236	ng/ul#	75
24) 2,4-Dimethylphenol	9.64	107	41837	3.246	ng/ul	88
30) 4-Chloroaniline	10.52	127	3192939	305.473	ng/ul#	19
34) 2-Methylnaphthalene	12.12	142	2947549	113.473	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	1049774	29.764	ng/ul	97
44) Dimethylphthalate	13.78	163	41601	1.171	ng/ul	99
47) Acenaphthylene	14.03	152	291228	6.867	ng/ul#	95
49) Acenaphthene	14.39	153	6123877	211.975	ng/ul	98
53) Dibenzofuran	14.72	168	5491295	128.756	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.95	232	27621	3.021	ng/ul#	77
58) Fluorene	15.37	166	5815447	164.827	ng/ul	99
60) 4-Nitroaniline	15.37	138	69189	9.057	ng/ul#	13
64) N-Nitrosodiphenylamine	15.58	169	41283	1.469	ng/ul#	1
68) Pentachlorophenol	16.73	266	1067357	149.210	ng/ul	97
69) Phenanthrene	17.21	178	3129638	57.741	ng/ul	98
71) Anthracene	17.21	178	3129638	56.489	ng/ul	99
72) Carbazole	17.47	167	1756068	36.850	ng/ul	100
74) Fluoranthene	19.14	202	15541013	233.971	ng/ul#	82
77) Pyrene	19.50	202	11968078	211.432	ng/ul#	88
80) Benzo(a)anthracene	21.24	228	2394207	40.500	ng/ul	98
82) Chrysene	21.30	228	1976489	36.038	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	1088453	20.889	ng/ul#	97
86) Benzo(k)fluoranthene	22.81	252	1088453	22.198	ng/ul#	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013510.D
Acq On : 19 Dec 2017 12:35
Operator : SJ/JU
Sample : I6775-07ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 20 03:15:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
88) Benzo(a)pyrene	23.39	252	504560	10.780 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	124588	2.683 ng/ul#	92
90) Dibenzo(a,h)anthracene	25.71	278	41951	1.061 ng/ul#	89
91) Benzo(g,h,i)perylene	26.40	276	77240	2.108 ng/ul#	84

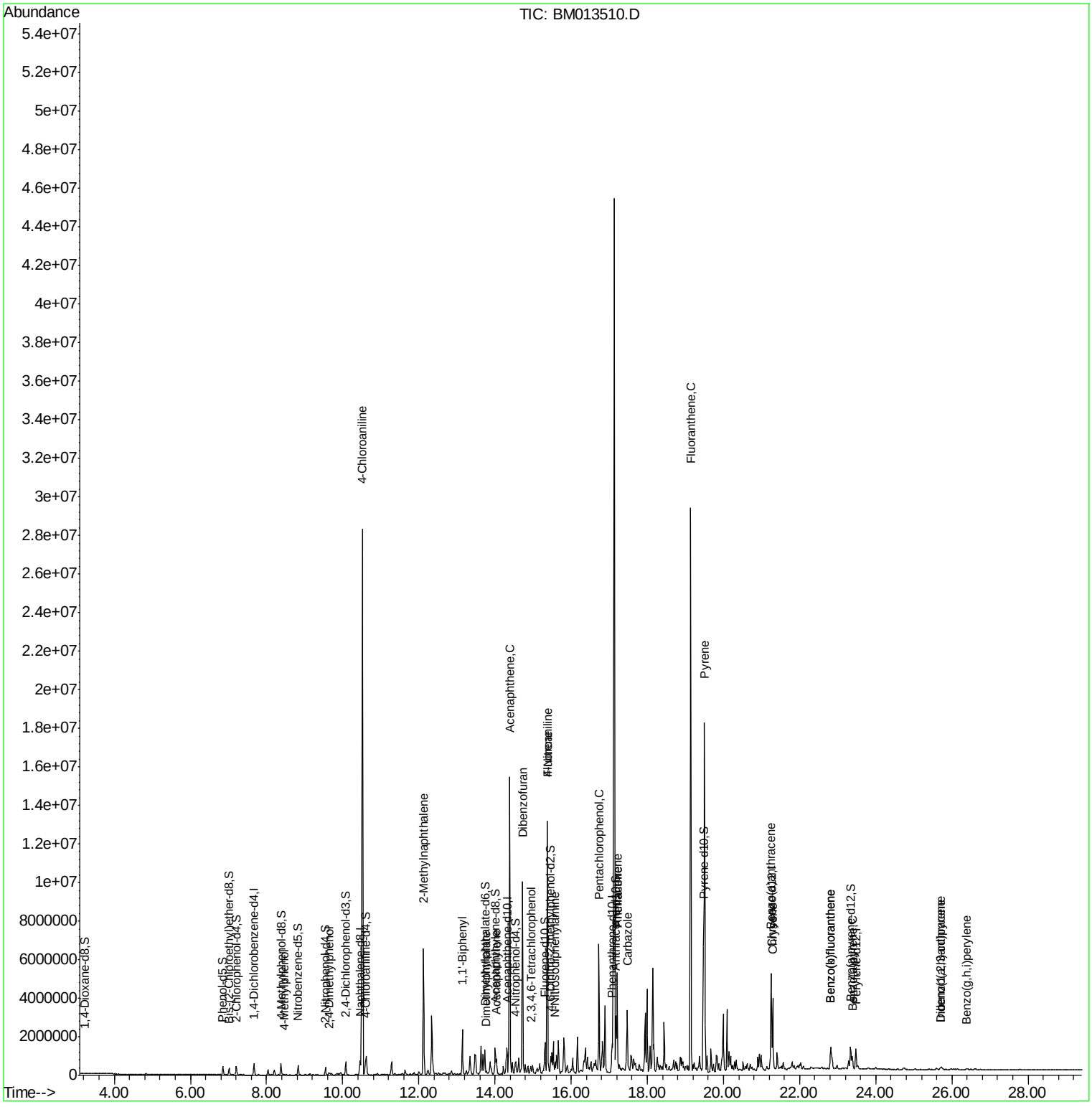
(#) = qualifier out of range (m) = manual integration (+) = signals summed

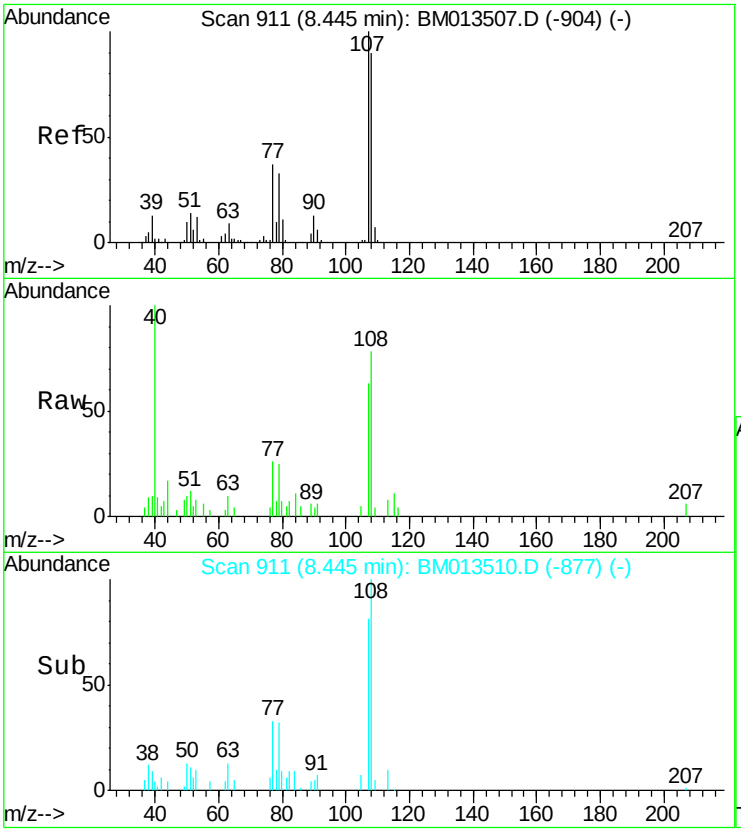
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013510.D
Acq On : 19 Dec 2017 12:35
Operator : SJ/JU
Sample : I6775-07ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 20 03:15:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration



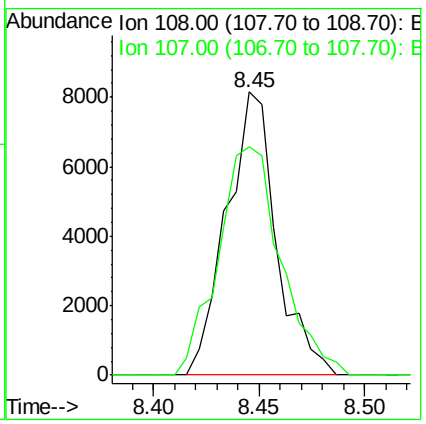


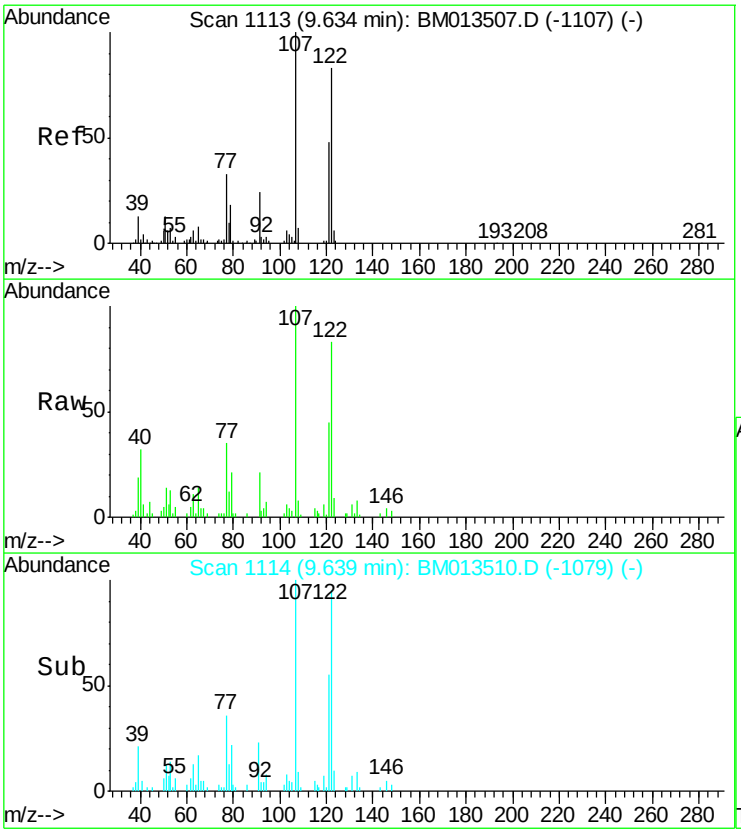
#16
4-Methylphenol
Concen: 1.236 ng/ul
RT: 8.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 13387

Ion	Ratio	Lower	Upper
108	100		
107	80.7	84.9	127.3#

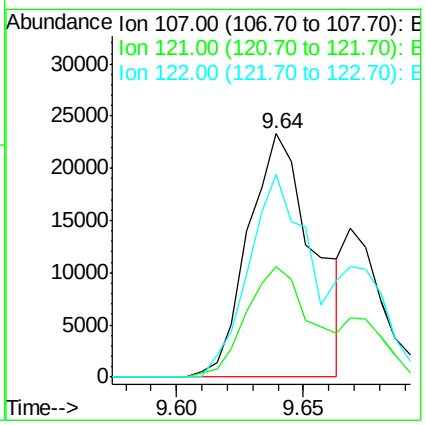


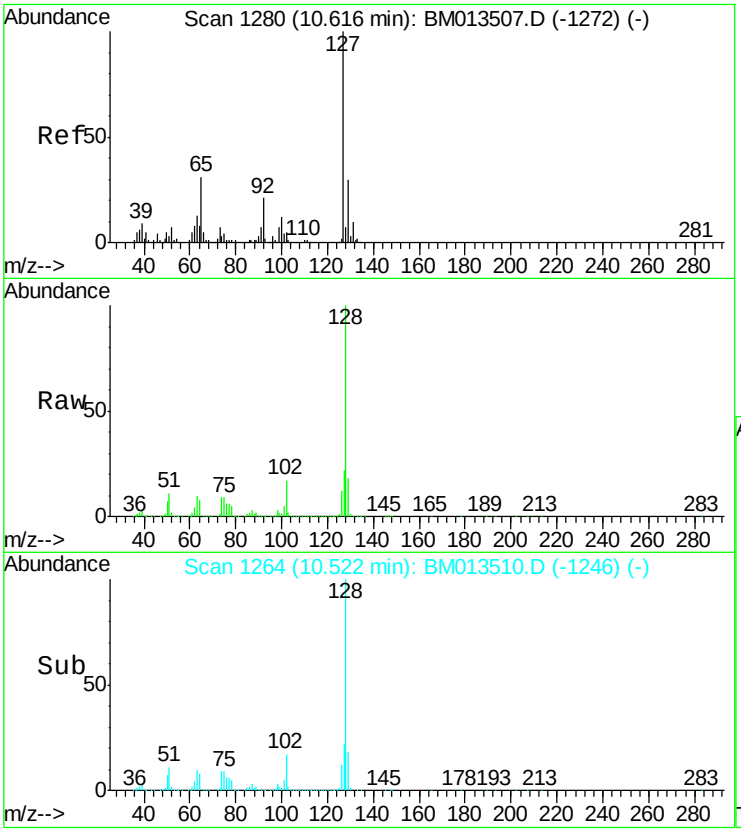


#24
2,4-Dimethylphenol
Concen: 3.246 ng/ul
RT: 9.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:107 Resp: 41837

Ion	Ratio	Lower	Upper
107	100		
121	45.3	31.9	47.9
122	83.2	57.8	86.6



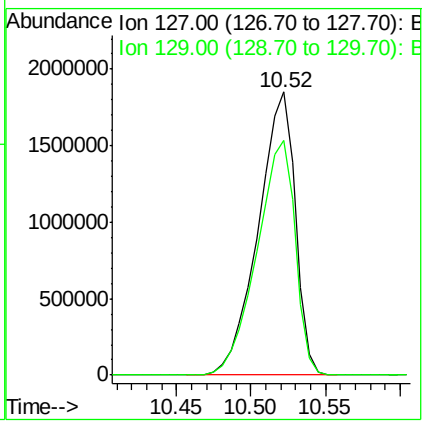


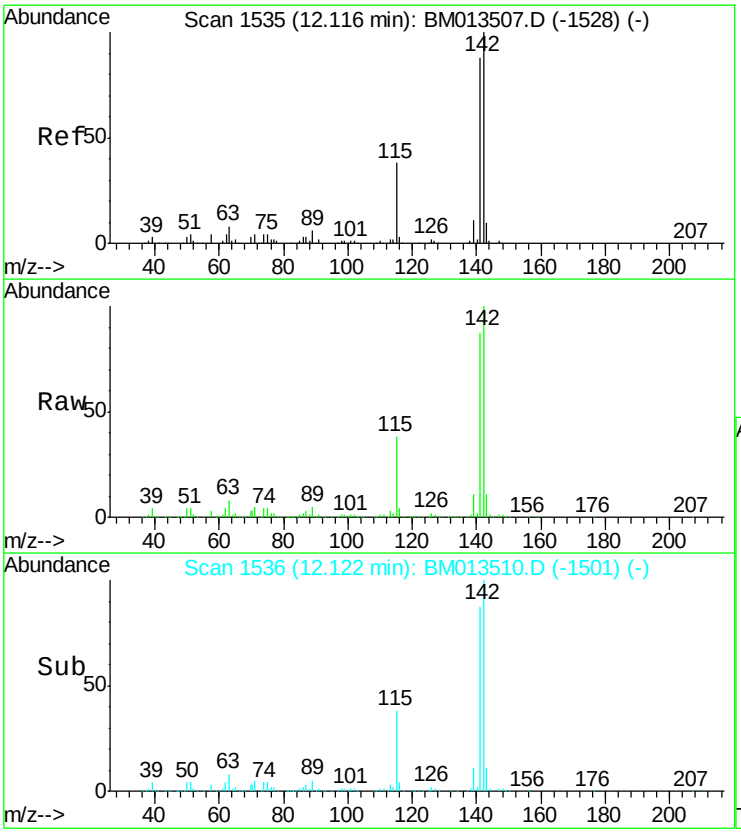
#30
4-Chloroaniline
Concen: 305.473 ng/ul
RT: 10.52 min Scan# 1264
Delta R.T. -0.09 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 3192939

Ion	Ratio	Lower	Upper
127	100		
129	82.7	28.4	42.6#

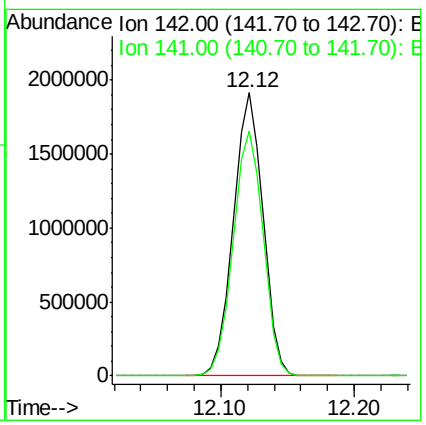


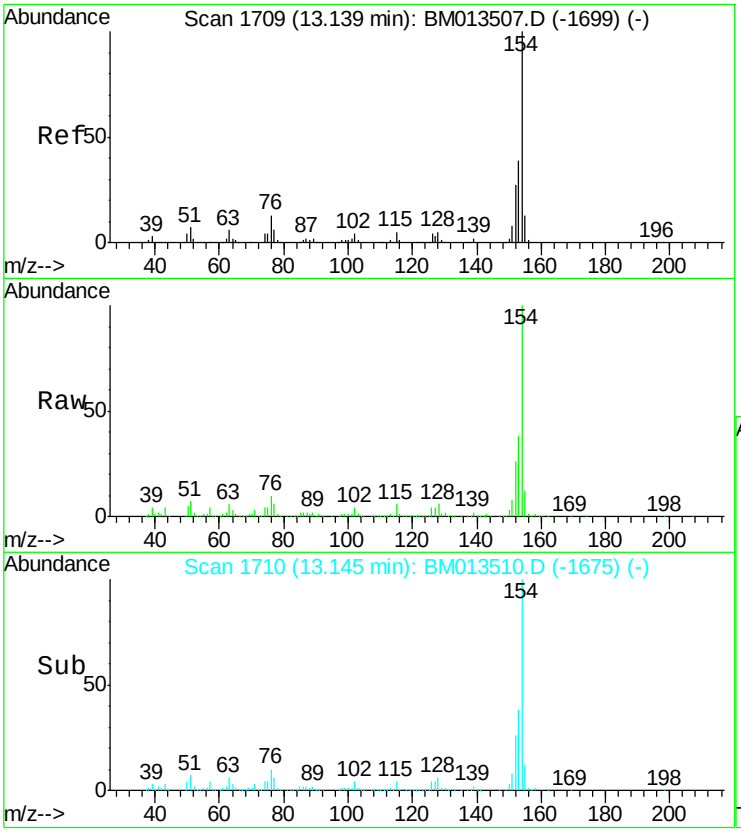


#34
2-Methylnaphthalene
Concen: 113.473 ng/ul
RT: 12.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:142 Resp: 2947549

Ion	Ratio	Lower	Upper
142	100		
141	86.6	74.1	111.1



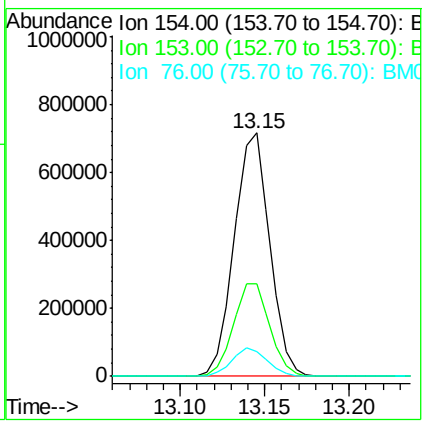


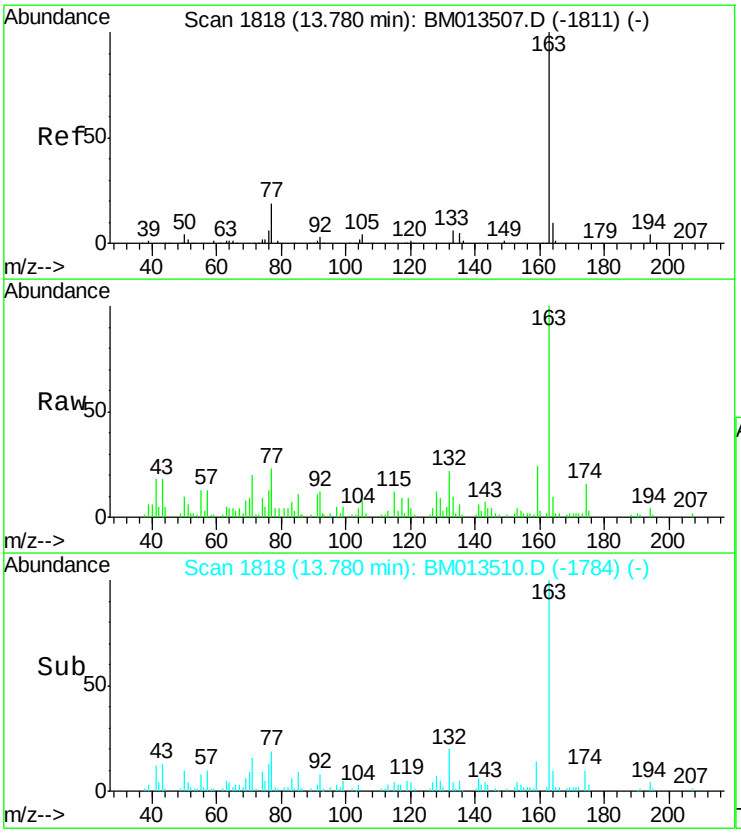
#40
1,1'-Biphenyl
Concen: 29.764 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 1049774

Ion	Ratio	Lower	Upper
154	100		
153	38.1	32.6	48.8
76	10.4	8.5	12.7

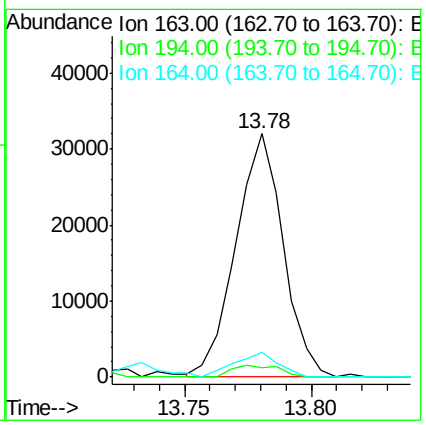


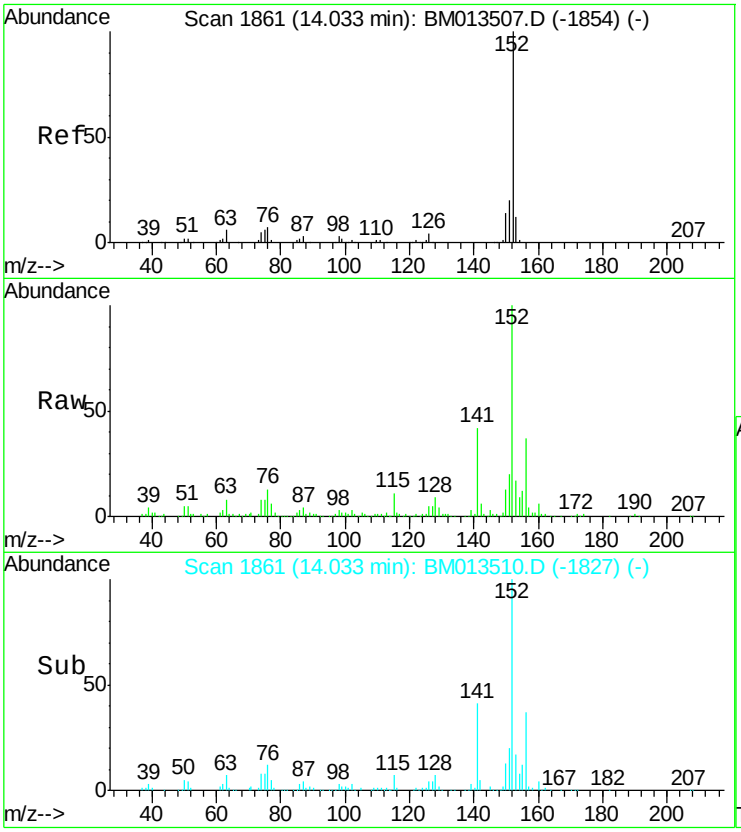


#44
Dimethylphthalate
Concen: 1.171 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:163 Resp: 41601

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.2	8.2	12.4



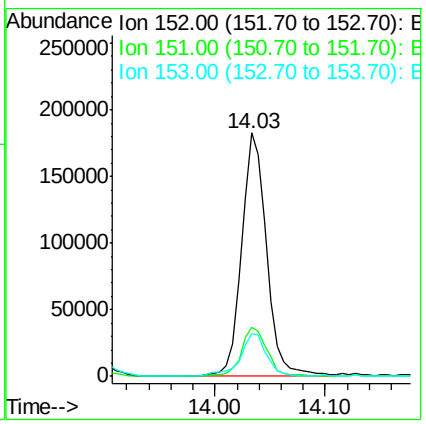


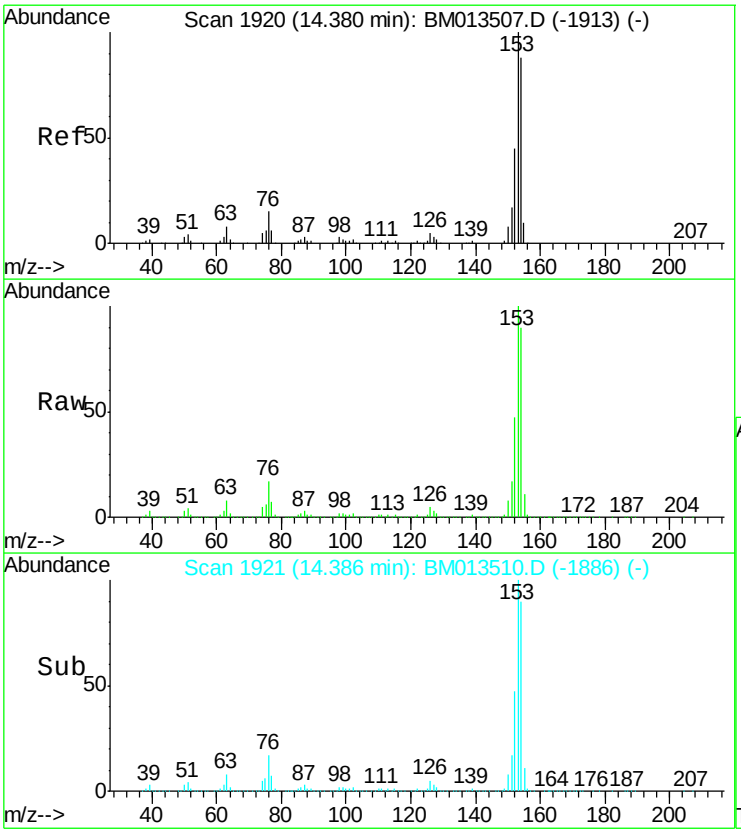
#47
Acenaphthylene
Concen: 6.867 ng/ul
RT: 14.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 291228

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	17.3	10.2	15.4#

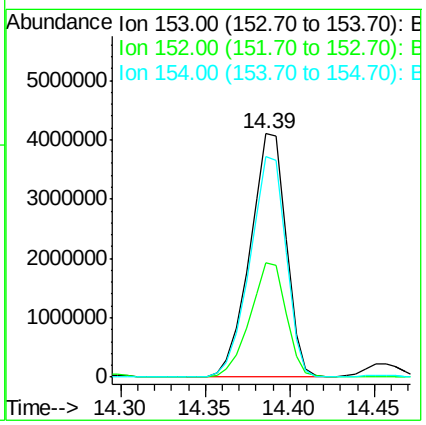


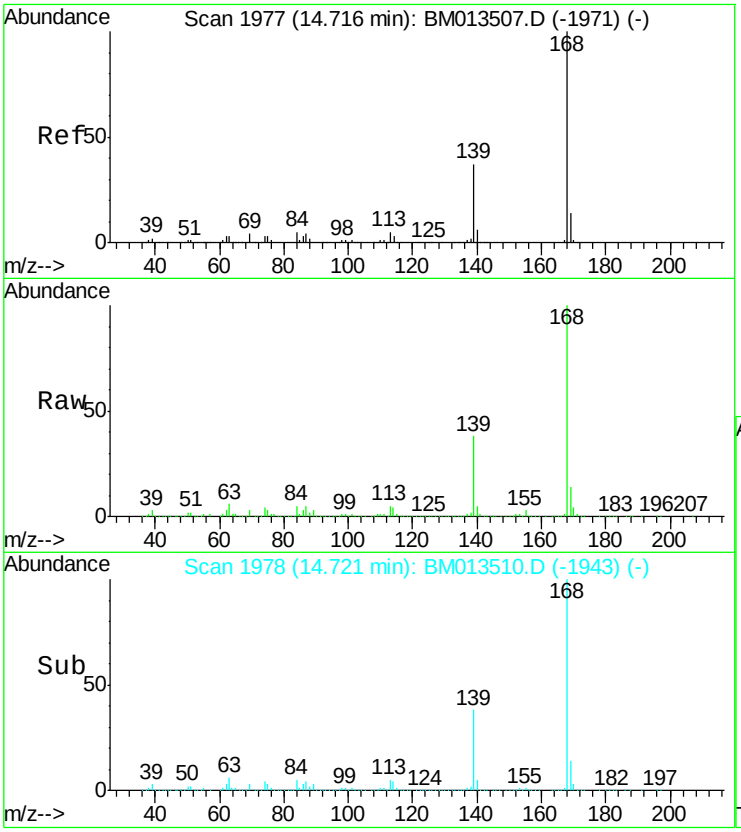


#49
Acenaphthene
Concen: 211.975 ng/ul
RT: 14.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:153 Resp: 6123877

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.6	56.4
154	90.3	70.4	105.6



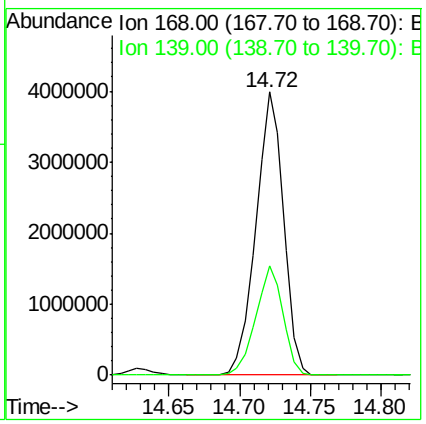


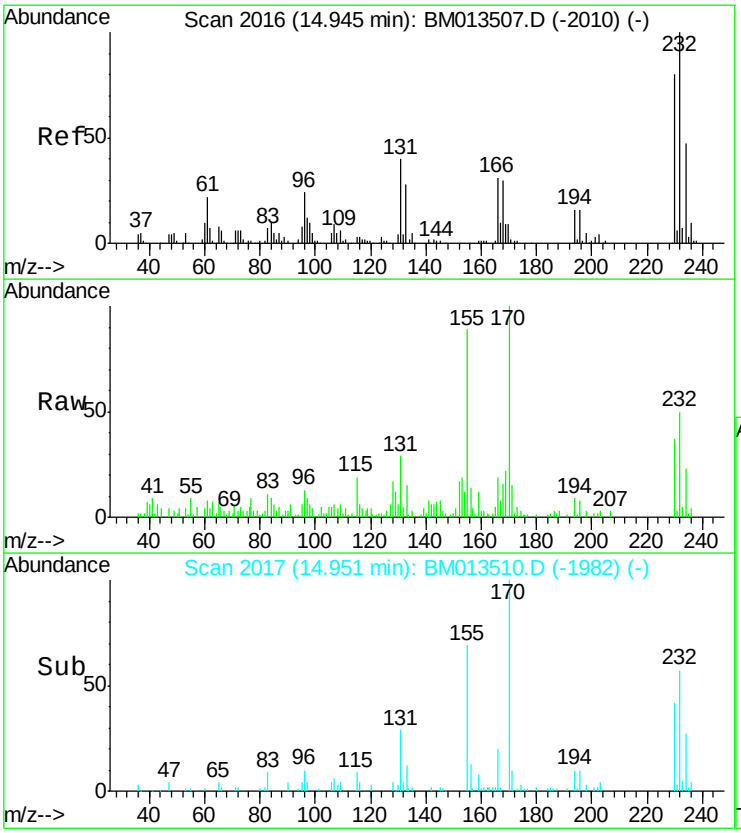
#53
Dibenzofuran
Concen: 128.756 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 5491295

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.8	46.2

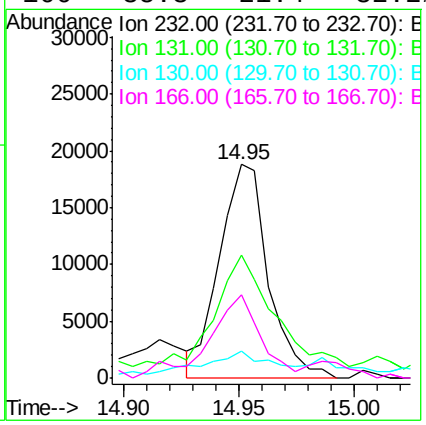


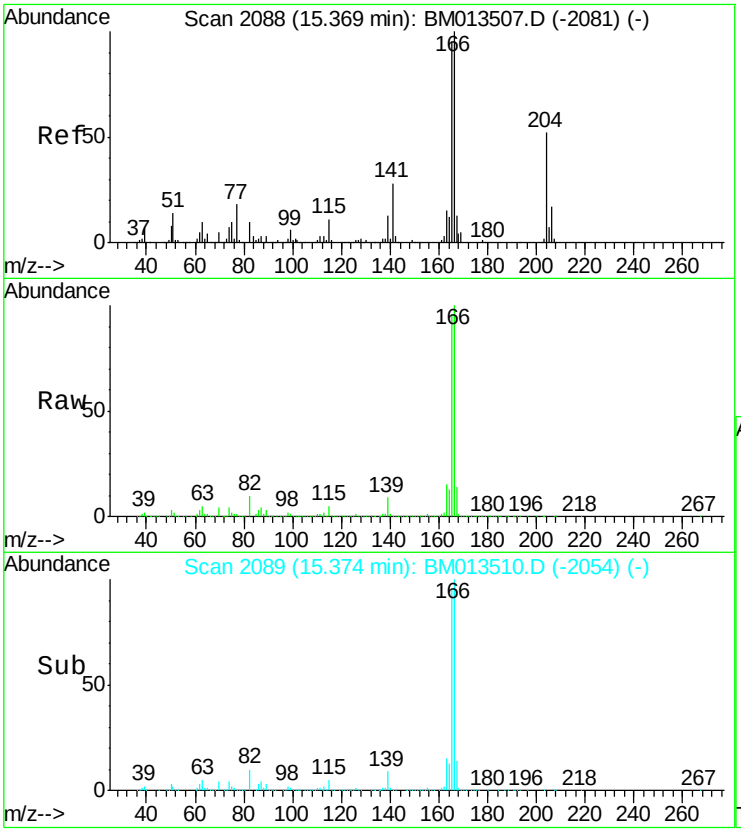


#55
2,3,4,6-Tetrachlorophenol
Concen: 3.021 ng/ul
RT: 14.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:232 Resp: 27621

Ion	Ratio	Lower	Upper
232	100		
131	52.6	29.0	43.4#
130	11.8	2.0	3.0#
166	35.3	21.4	32.2#



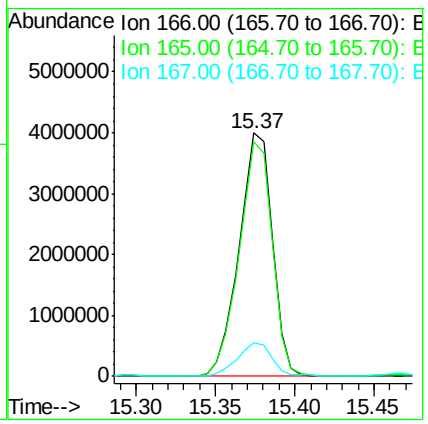


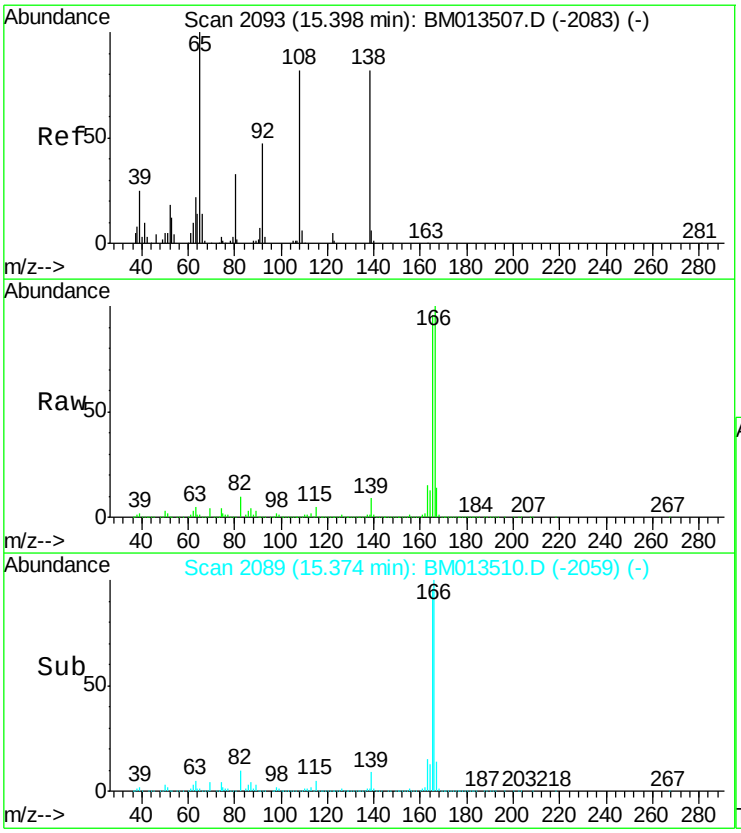
#58
Fluorene
Concen: 164.827 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 5815447

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.9	116.9
167	13.8	10.6	16.0

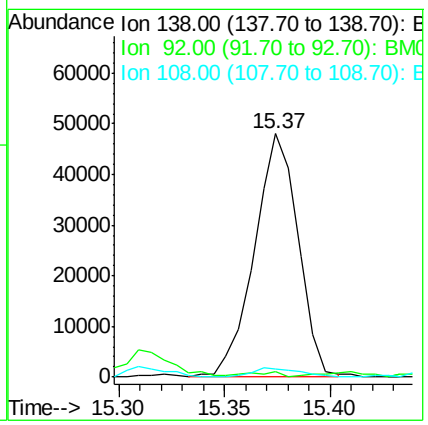


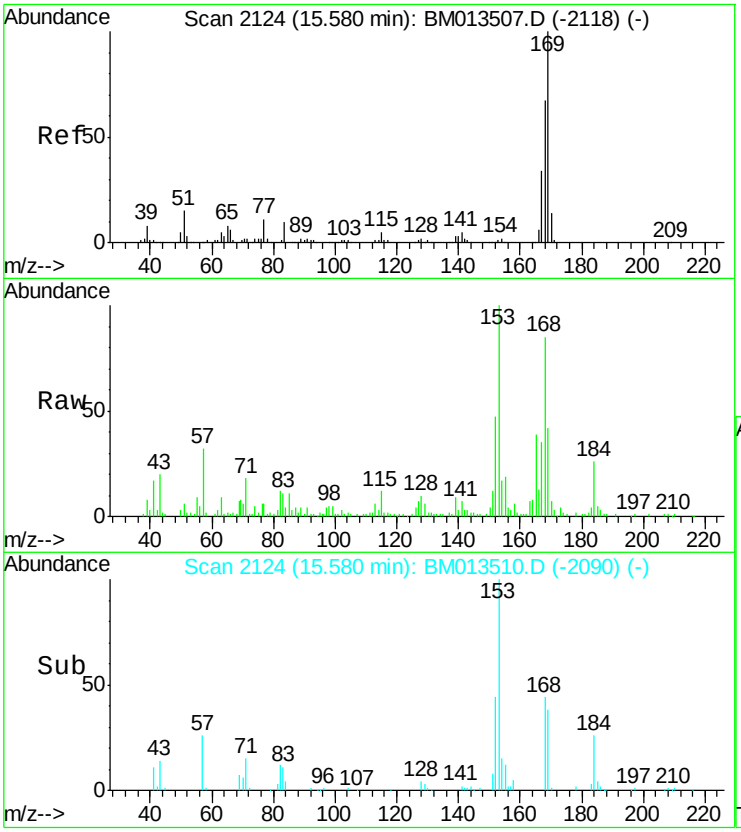


#60
4-Nitroaniline
Concen: 9.057 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. -0.02 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:138 Resp: 69189

Ion	Ratio	Lower	Upper
138	100		
92	2.5	40.0	60.0#
108	3.5	80.0	120.0#



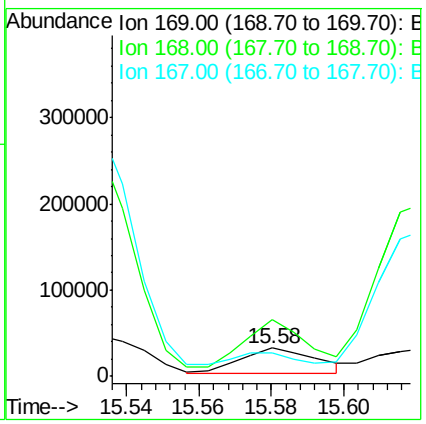


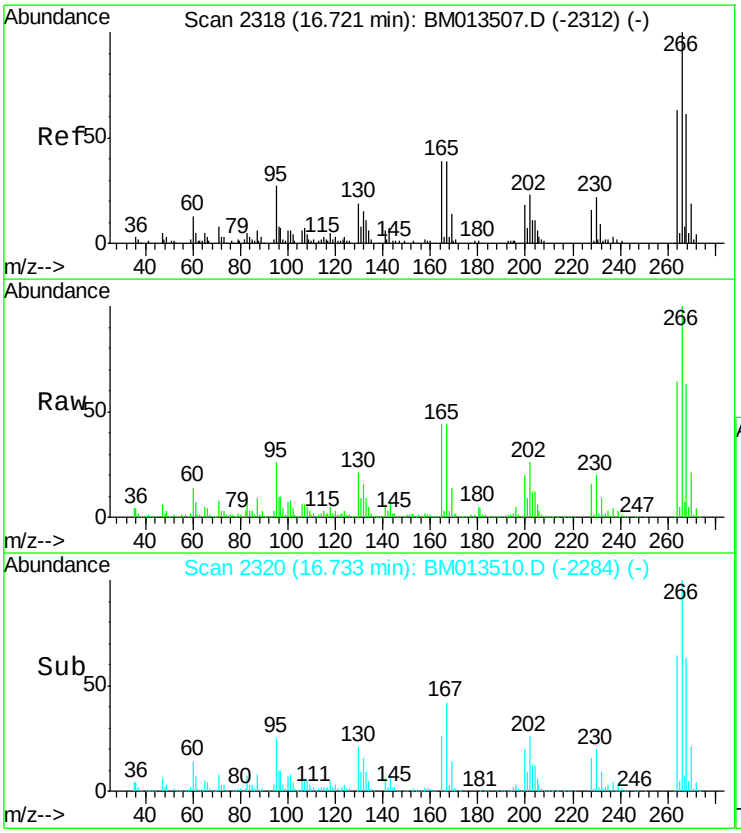
#64
N-Nitrosodiphenylamine
Concen: 1.469 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 41283

Ion	Ratio	Lower	Upper
169	100		
168	200.9	54.0	81.0#
167	83.4	29.1	43.7#

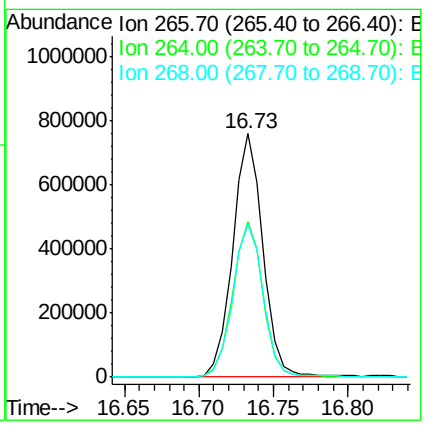


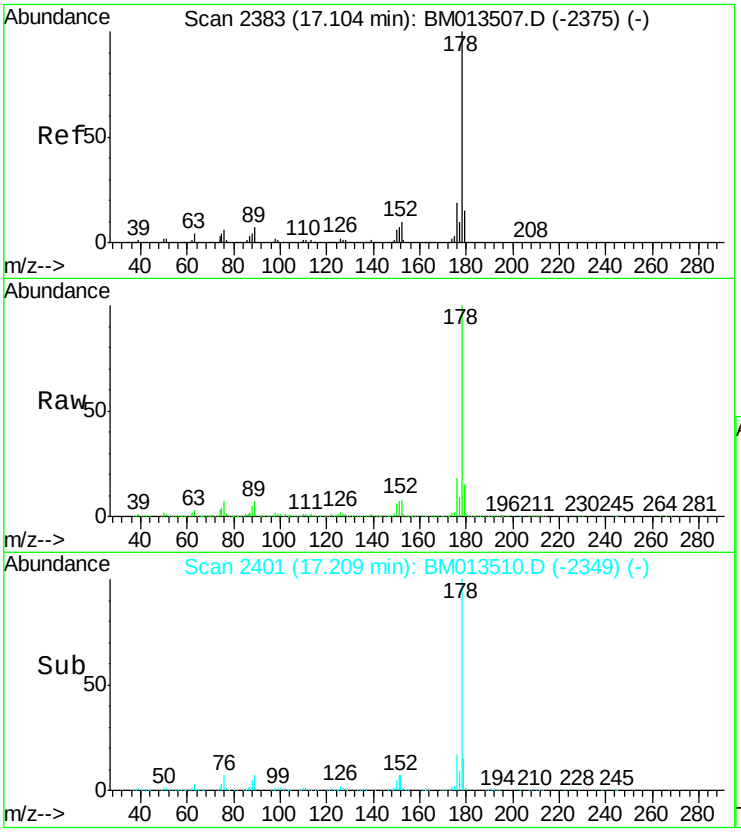


#68
Pentachlorophenol
Concen: 149.210 ng/ul
RT: 16.73 min Scan# 2320
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:266 Resp: 1067357

Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.3	73.9
268	62.9	52.6	78.8



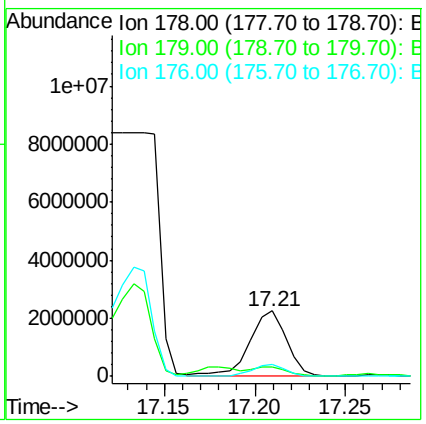


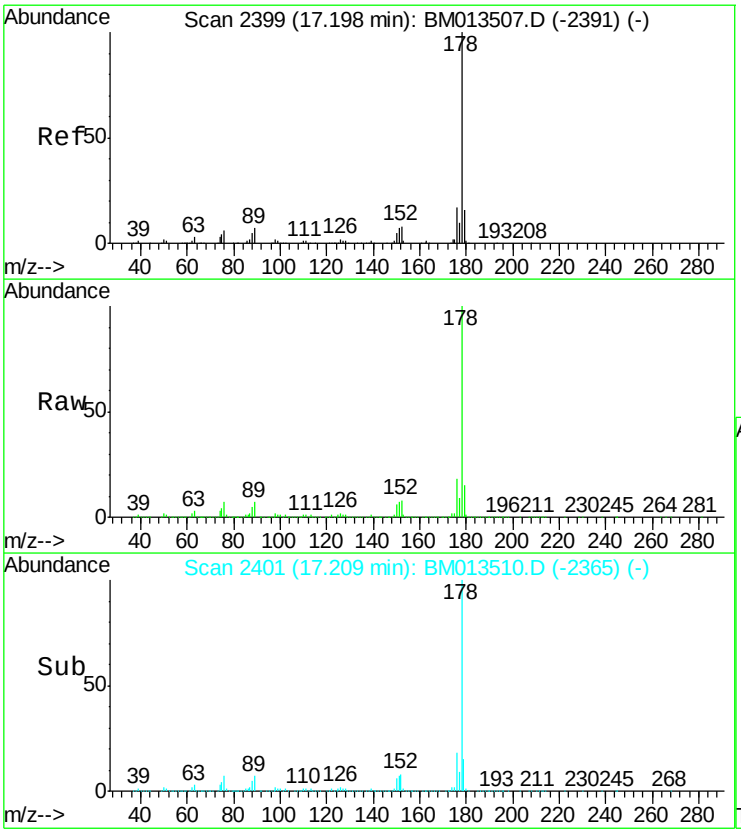
#69
Phenanthrene
Concen: 57.741 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. 0.11 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3129638

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	17.5	14.9	22.3

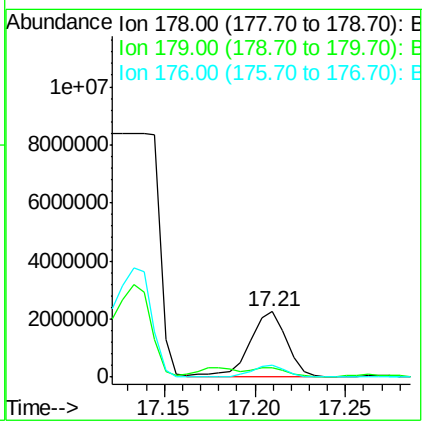


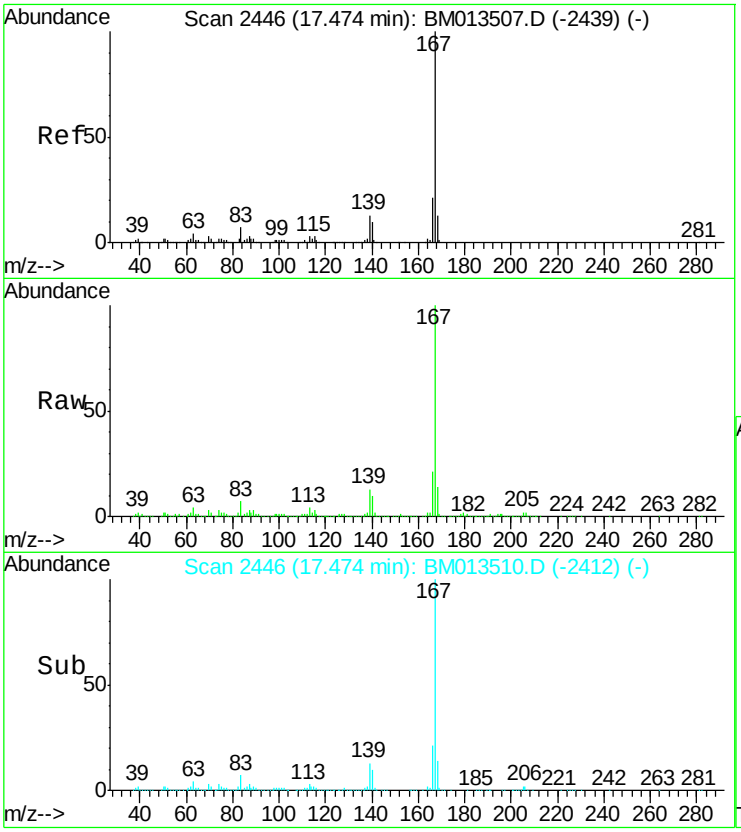


#71
Anthracene
Concen: 56.489 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:178 Resp: 3129638

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	17.5	14.6	21.8



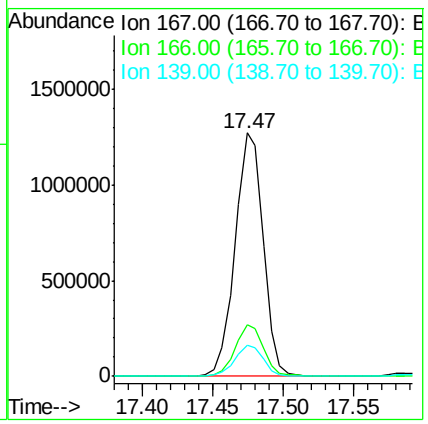


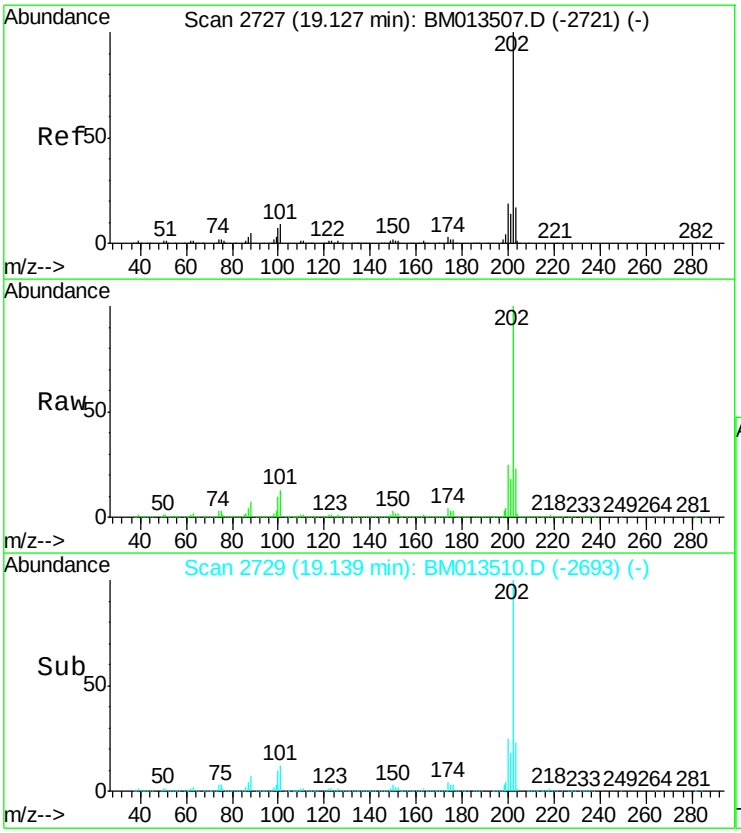
#72
Carbazole
Concen: 36.850 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 1756068

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.9	10.0	15.0

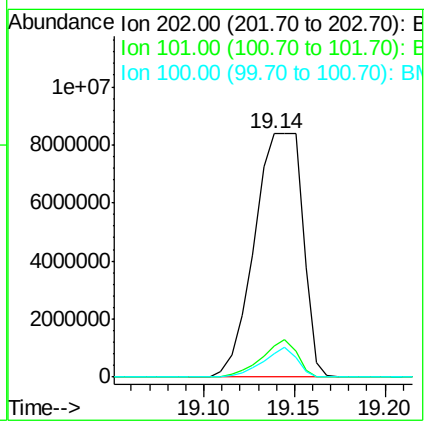


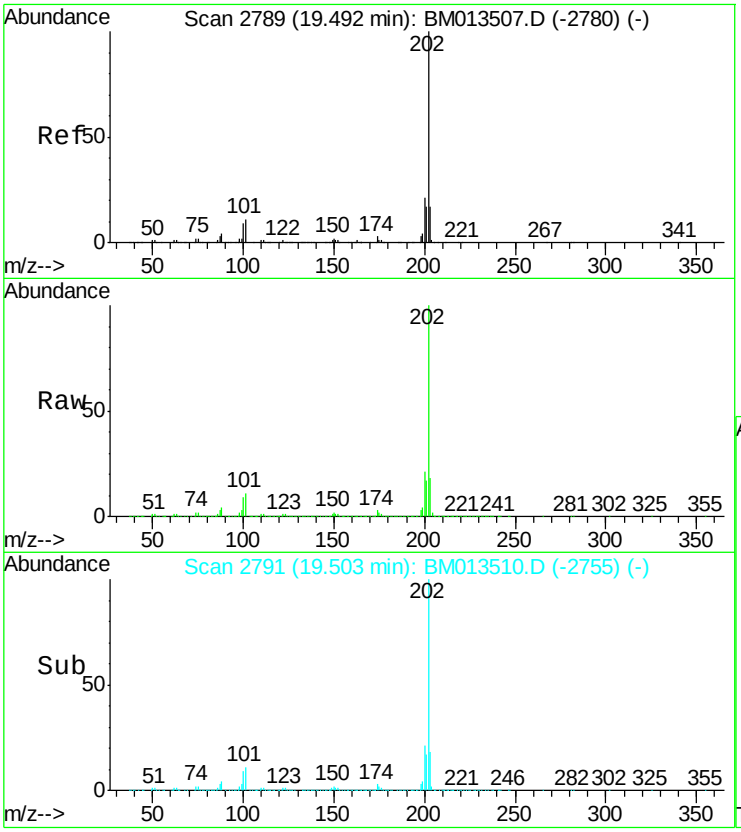


#74
Fluoranthene
Concen: 233.971 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:202 Resp:15541013

Ion	Ratio	Lower	Upper
202	100		
101	12.5	4.6	7.0#
100	9.6	3.4	5.2#



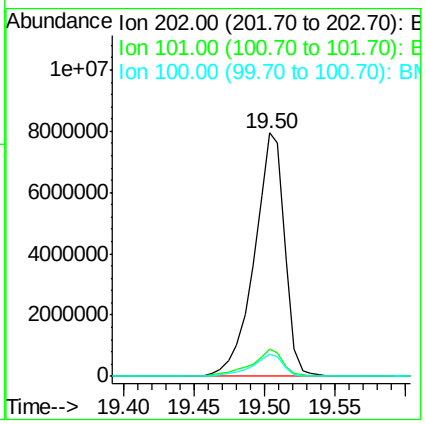


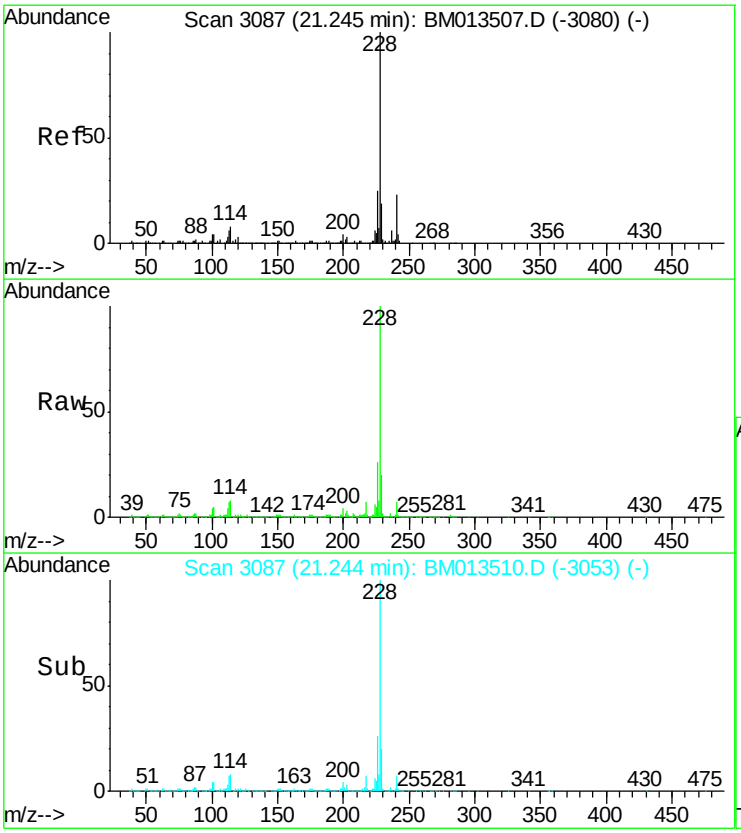
#77
Pyrene
Concen: 211.432 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:11968078

Ion	Ratio	Lower	Upper
202	100		
101	11.3	5.1	7.7#
100	9.2	4.9	7.3#

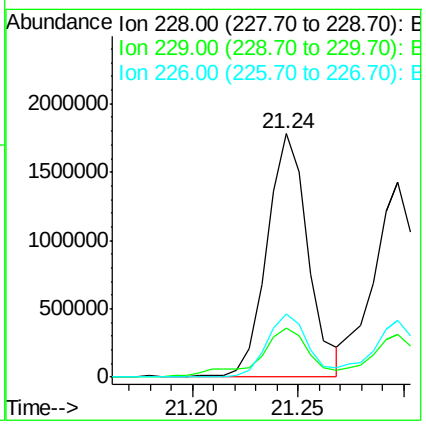


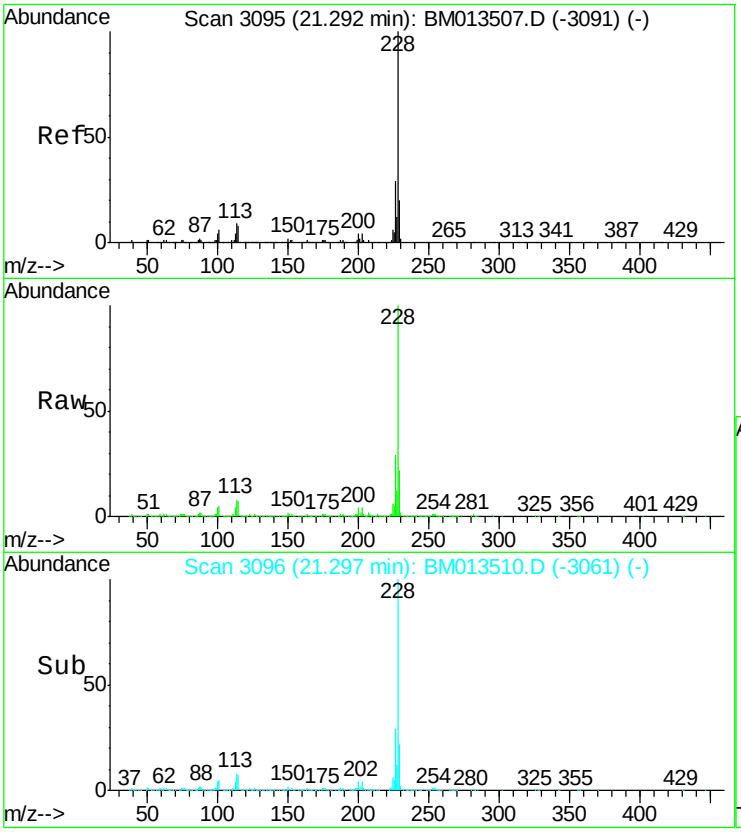


#80
Benzo(a)anthracene
Concen: 40.500 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:228 Resp: 2394207

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	25.9	21.4	32.0



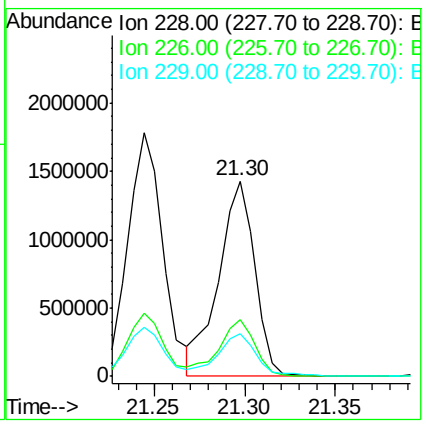


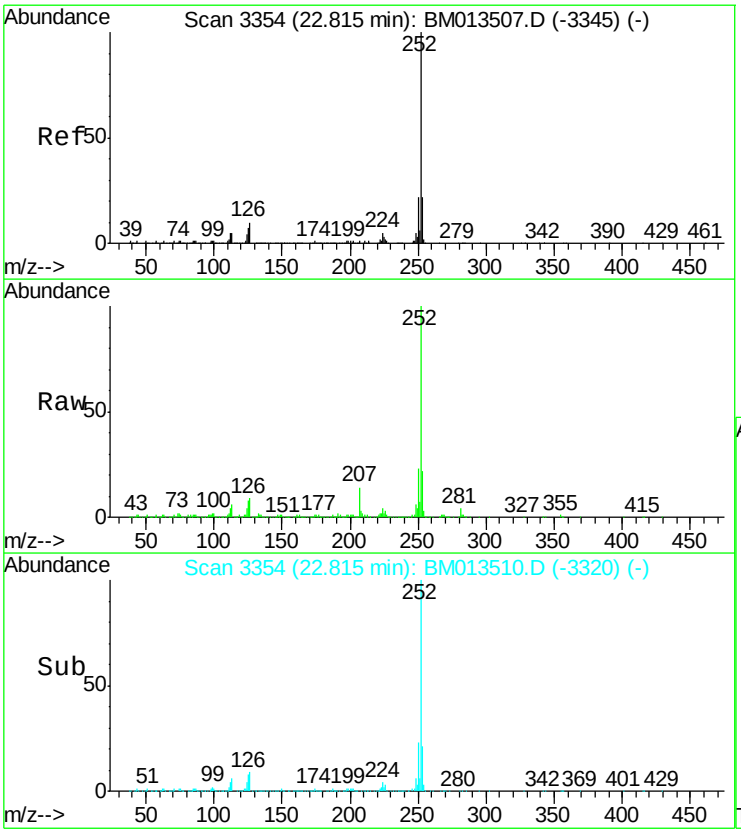
#82
Chrysene
Concen: 36.038 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1976489

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.9	15.5	23.3

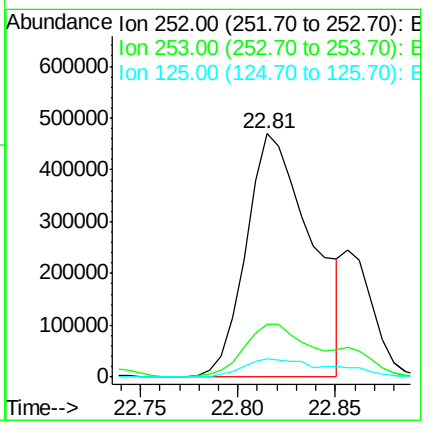


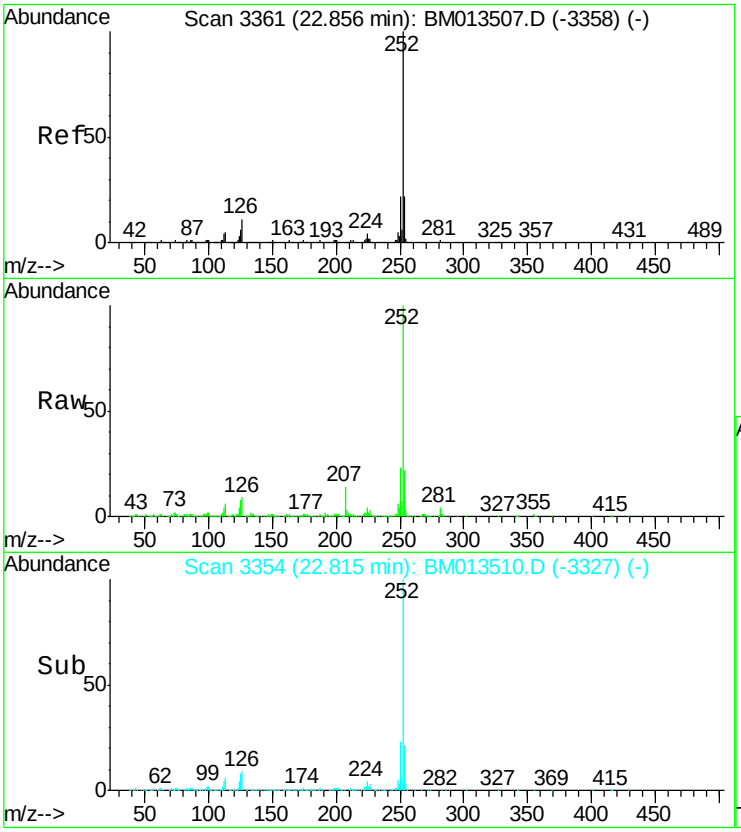


#85
Benzo(b)fluoranthene
Concen: 20.889 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:252 Resp: 1088453

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	7.7	3.6	5.4#



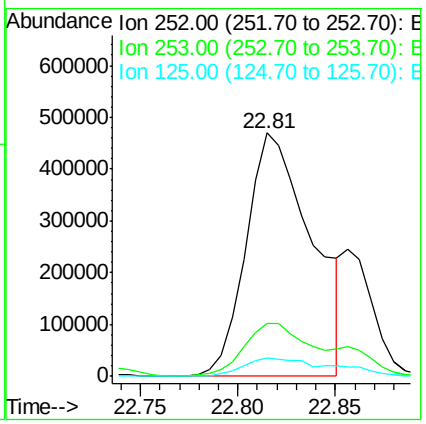


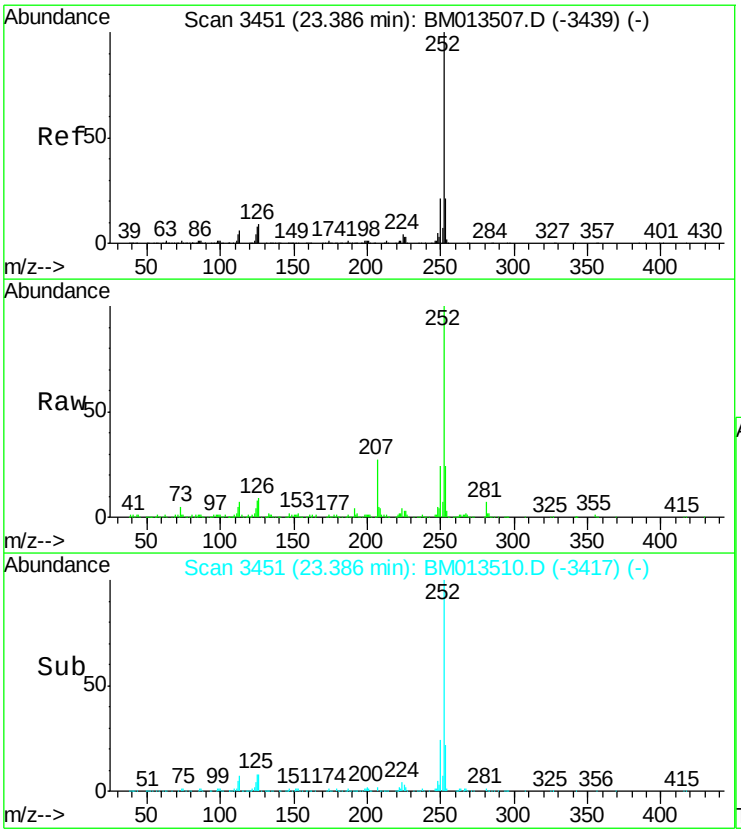
#86
Benzo(k)fluoranthene
Concen: 22.198 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1088453

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.7	3.4	5.2#

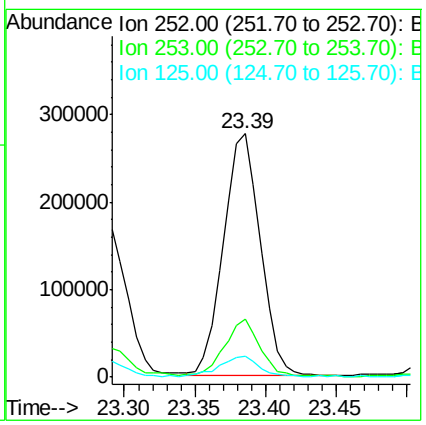


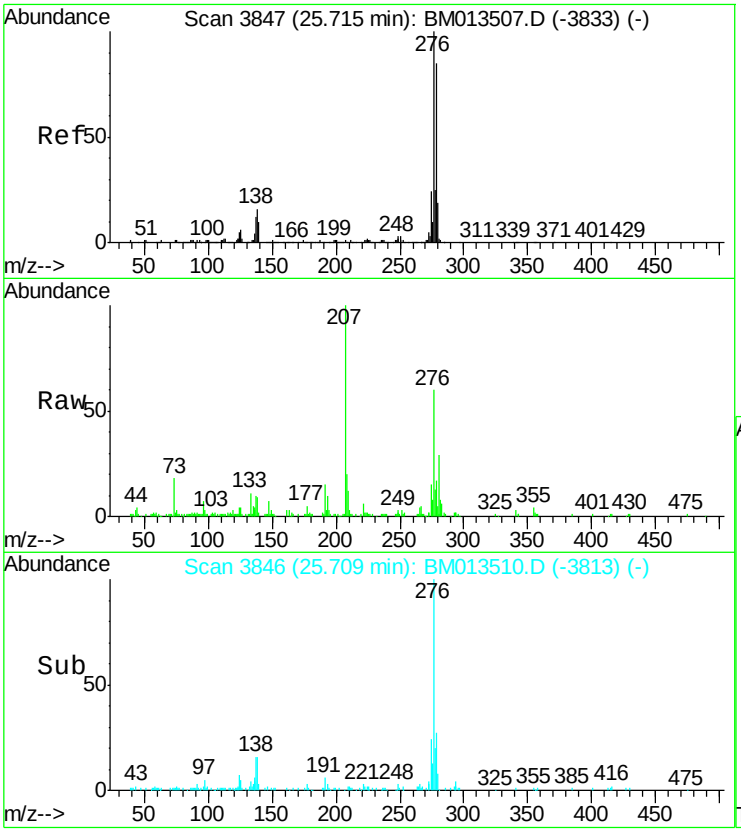


#88
Benzo(a)pyrene
Concen: 10.780 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:252 Resp: 504560

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	8.4	4.0	6.0#



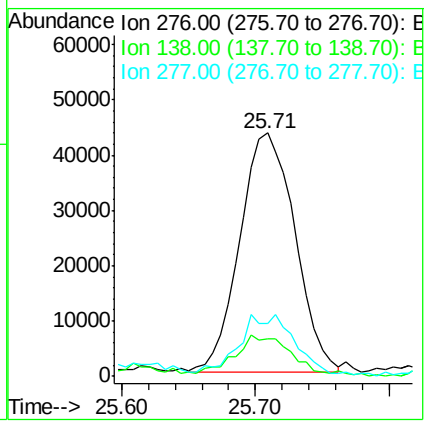


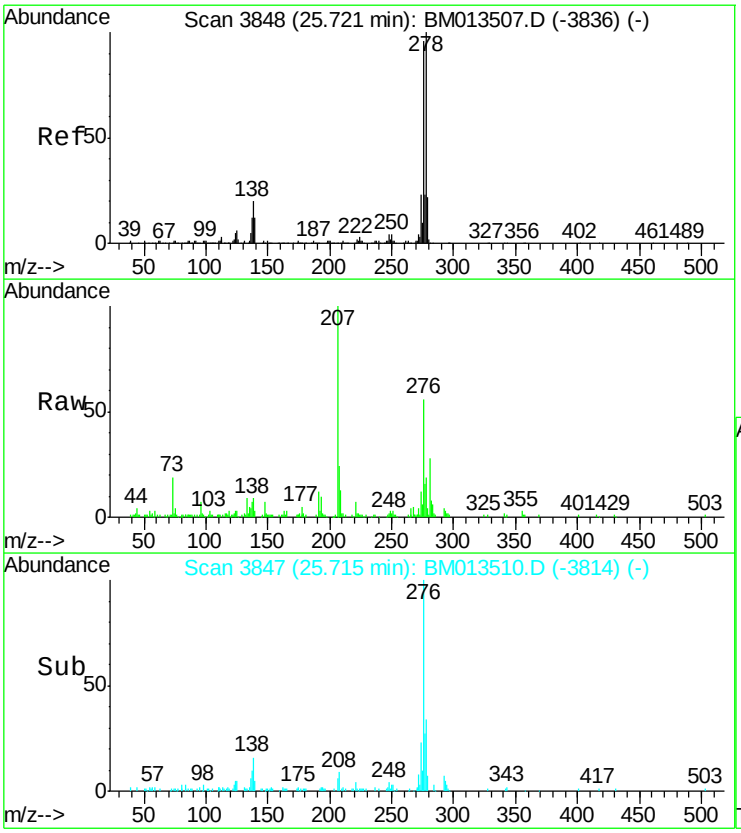
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.683 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 124588

Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.3	13.9#
277	21.5	19.9	29.9

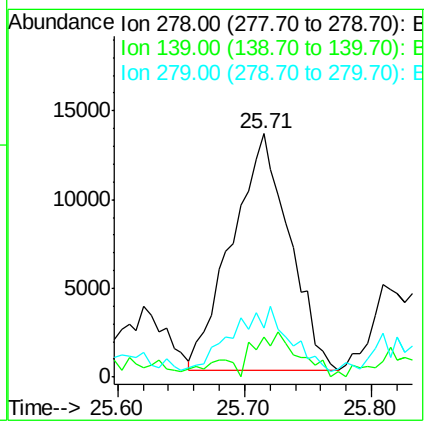


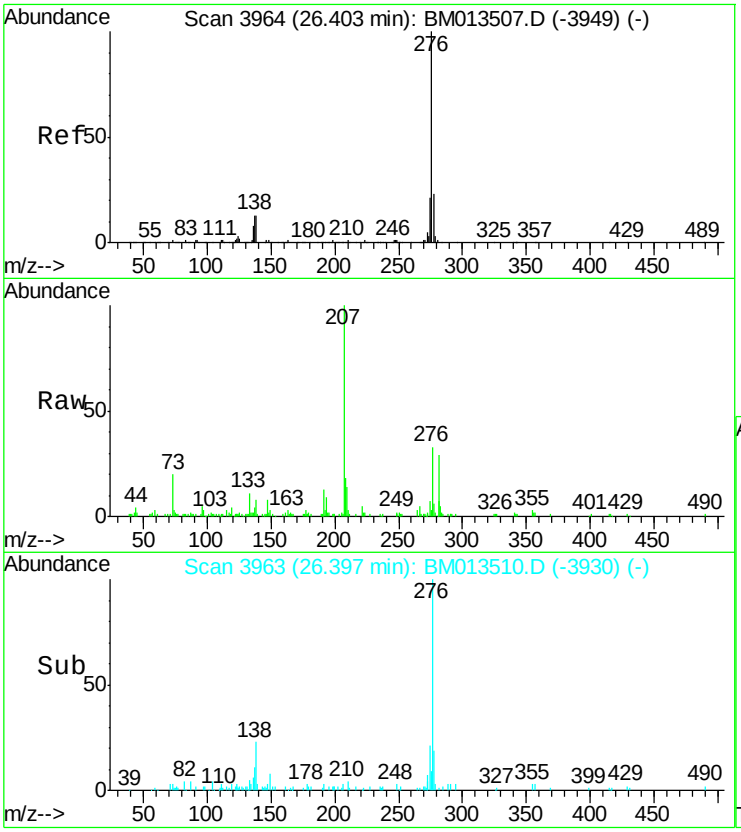


#90
Dibenzo(a,h)anthracene
Concen: 1.061 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Tgt Ion:278 Resp: 41951

Ion	Ratio	Lower	Upper
278	100		
139	16.3	5.8	8.8#
279	19.9	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 2.108 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.01 min
Lab File: BM013510.D
Acq: 19 Dec 2017 12:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 77240

Ion	Ratio	Lower	Upper
276	100		
138	22.6	8.5	12.7#
277	19.0	18.6	28.0