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

Quantitation Report (Not Reviewed)

Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Time: Jan 29 04:05:56 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	7.58	152	147486	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	564564	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	332654	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	663883	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	720491	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	741318	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	11246	3.01	ng/uL	0.00
5) Phenol-d5	6.76	99	233852	20.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	149031	21.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	201547	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	175874	20.21	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	100579	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	109828	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	204358	22.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	172833	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	605686	22.09	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	763351	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	66288	14.88	ng/ul	0.00
57) Fluorene-d10	15.23	176	514191	21.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	76097	19.04	ng/ul	0.00
70) Anthracene-d10	17.09	188	769985	23.81	ng/ul	0.00
76) Pyrene-d10	19.39	212	871108	25.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	738426	21.67	ng/ul	0.14
Target Compounds						Qvalue
6) Phenol	6.79	94	30443	2.68	ng/ul#	93
17) Hexachloroethane	8.67	117	6089	1.36	ng/ul#	1
28) Naphthalene	10.40	128	3796297	135.16	ng/ul	99
30) 4-Chloroaniline	10.40	127	495143	64.36	ng/ul#	14
34) 2-Methylnaphthalene	12.03	142	3285143	156.88	ng/ul	95
40) 1,1'-Biphenyl	13.05	154	581727	21.01	ng/ul	99
44) Dimethylphthalate	13.70	163	180504	6.70	ng/ul	98
49) Acenaphthene	14.30	153	1303305	58.83	ng/ul	98
53) Dibenzofuran	14.63	168	2289953	68.71	ng/ul	99
54) 2,4-Dinitrotoluene	14.64	165	9479	1.24	ng/ul#	1
55) 2,3,4,6-Tetrachlorophenol	14.87	232	9743	1.40	ng/ul#	53
56) Diethylphthalate	15.07	149	49319	1.82	ng/ul	98
58) Fluorene	15.29	166	1300159	47.62	ng/ul	98
64) N-Nitrosodiphenylamine	15.50	169	50395	2.58	ng/ul	94
68) Pentachlorophenol	16.65	266	118438	26.41	ng/ul	93
69) Phenanthrene	17.04	178	9247622	250.60	ng/ul	99
71) Anthracene	17.12	178	1208215	31.74	ng/ul	98
72) Carbazole	17.40	167	157600	5.02	ng/ul#	95
74) Fluoranthene	19.06	202	6351862	144.20	ng/ul#	94
77) Pyrene	19.42	202	3955533	90.31	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	897661	20.62	ng/ul	98
82) Chrysene	21.22	228	707710	17.72	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	472646	10.38	ng/ul#	96

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

Quantitation Report (Not Reviewed)

Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Time: Jan 29 04:05:56 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)
86) Benzo(k)fluoranthene	22.76	252	173066	3.93	ng/ul#	94
88) Benzo(a)pyrene	23.28	252	245890	5.72	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.56	276	87446	1.72	ng/ul	97
91) Benzo(g,h,i)perylene	26.23	276	68960	1.65	ng/ul#	89

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

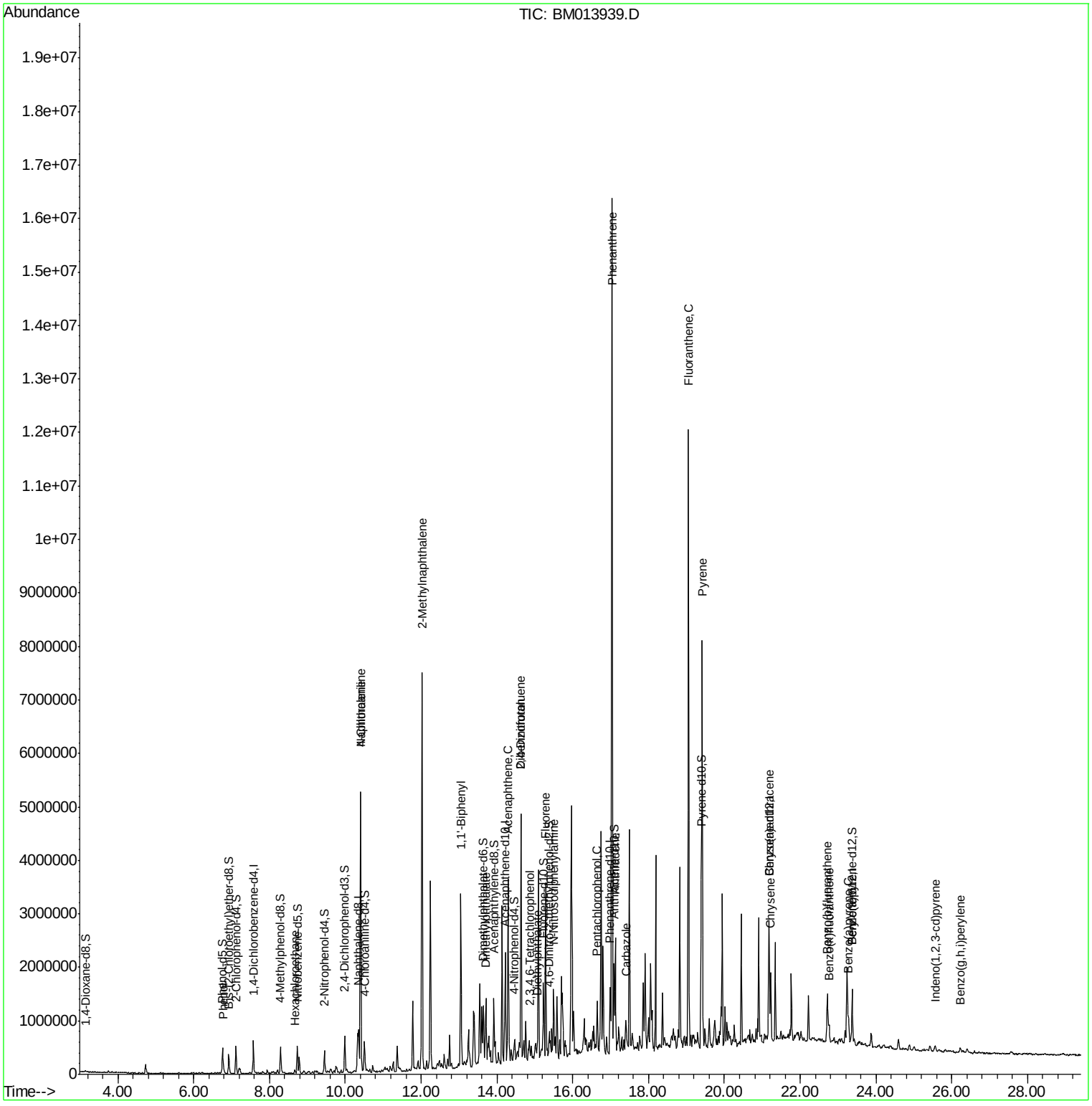
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

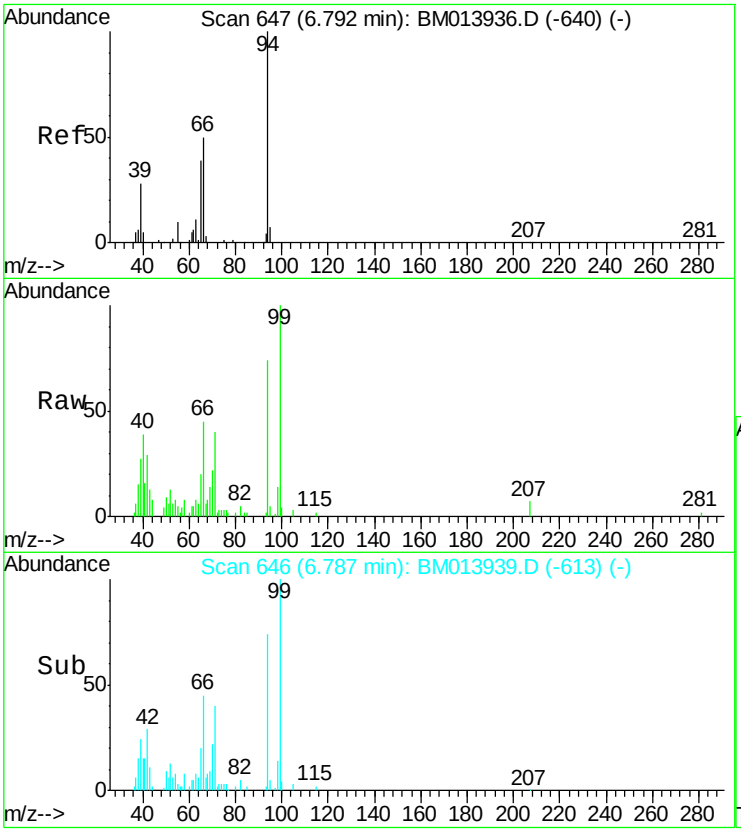
Quantitation Report (Not Reviewed)

Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B17

Quant Time: Jan 29 04:05:56 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



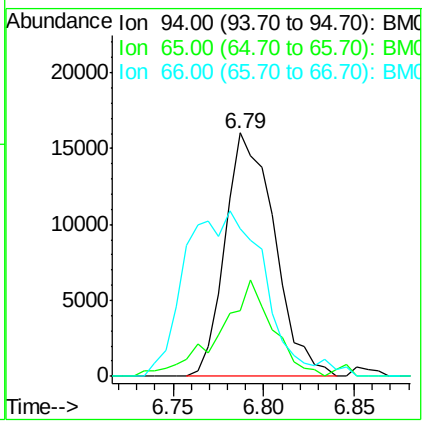


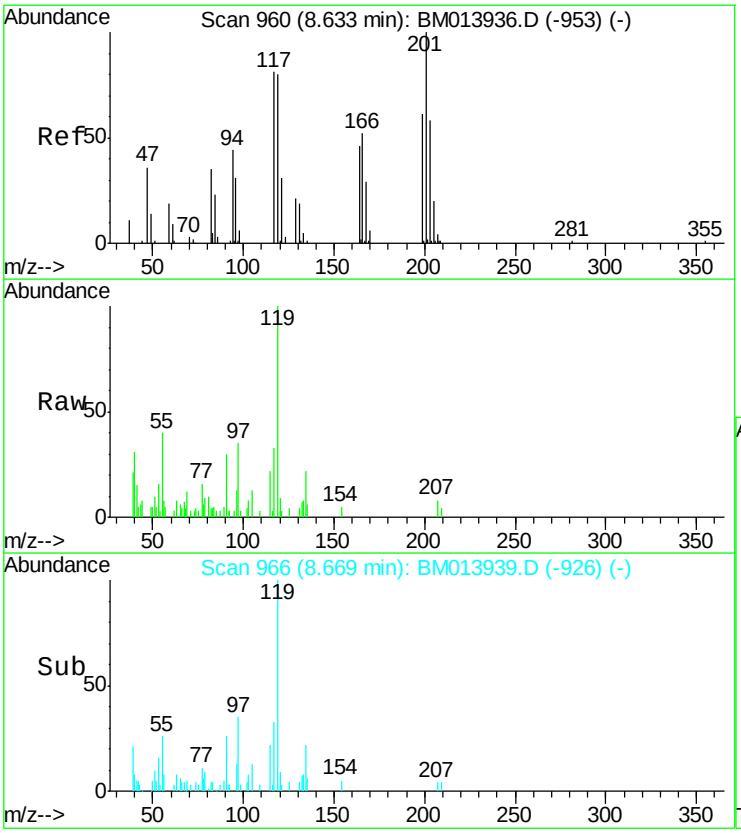
#6
Phenol
Concen: 2.68 ng/ul
RT: 6.79 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion: 94 Resp: 30443

Ion	Ratio	Lower	Upper
94	100		
65	27.0	28.2	42.4#
66	60.8	47.2	70.8

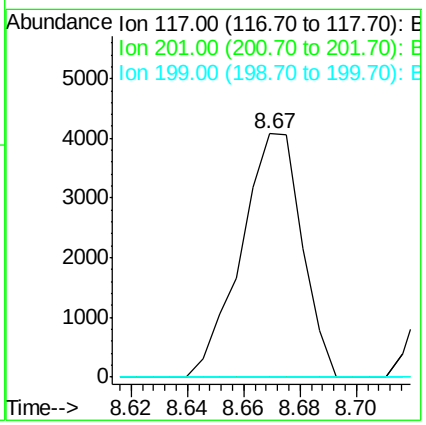


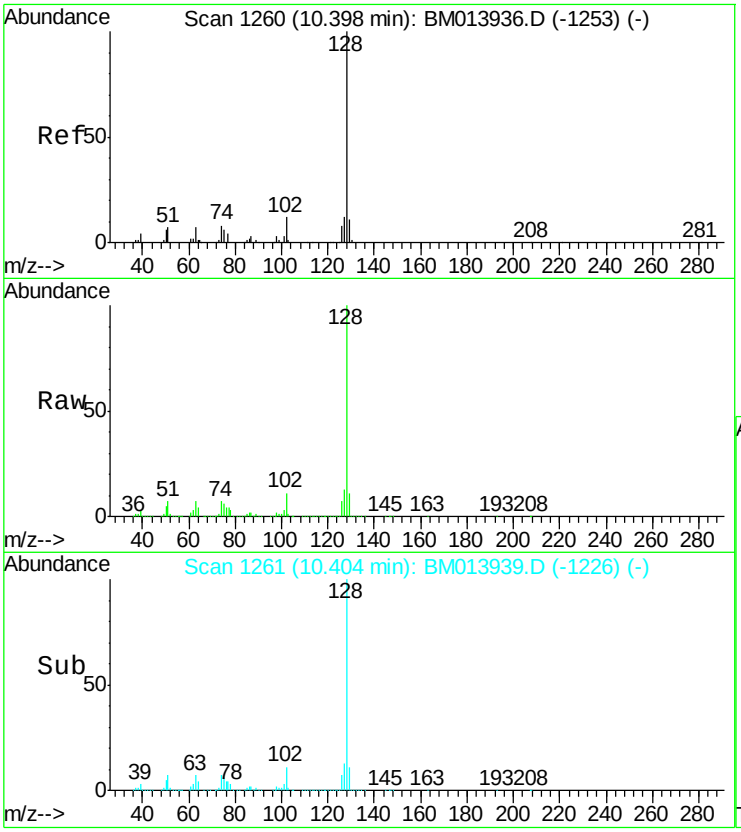


#17
Hexachloroethane
Concen: 1.36 ng/ul
RT: 8.67 min Scan# 966
Delta R.T. 0.04 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:117 Resp: 6089

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#



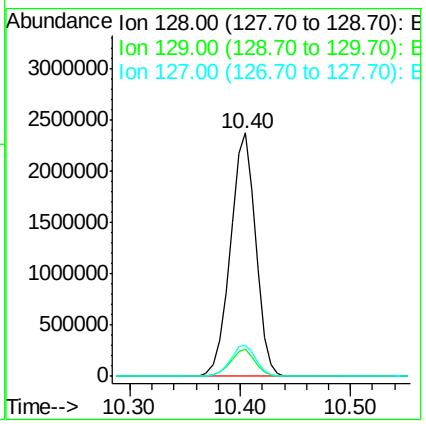


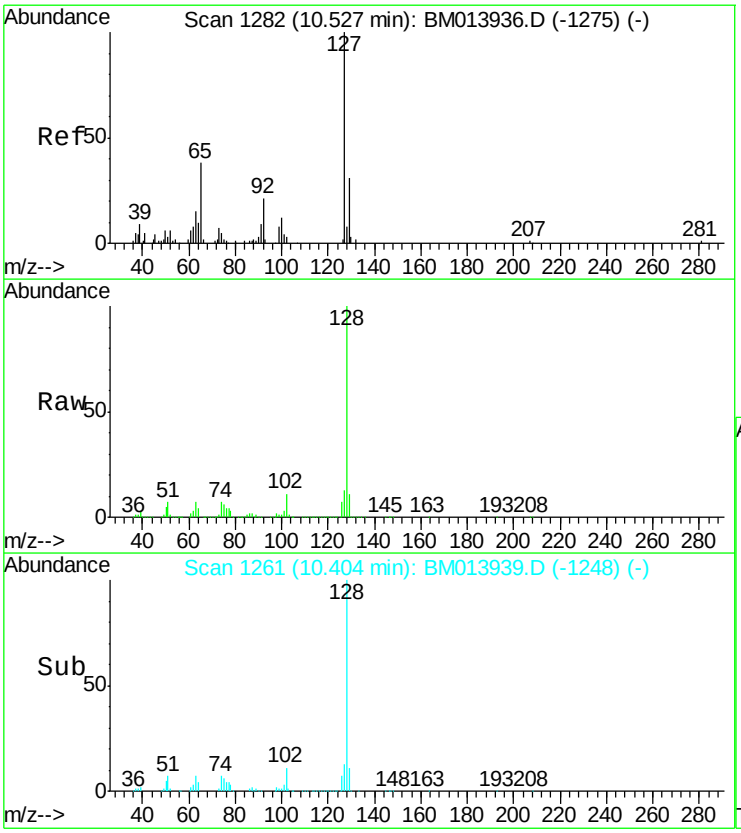
#28
Naphthalene
Concen: 135.16 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:128 Resp: 3796297

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.6	16.0

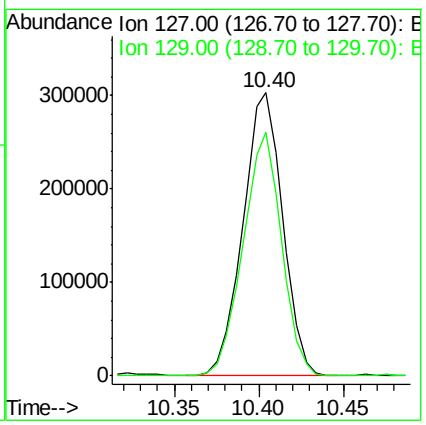


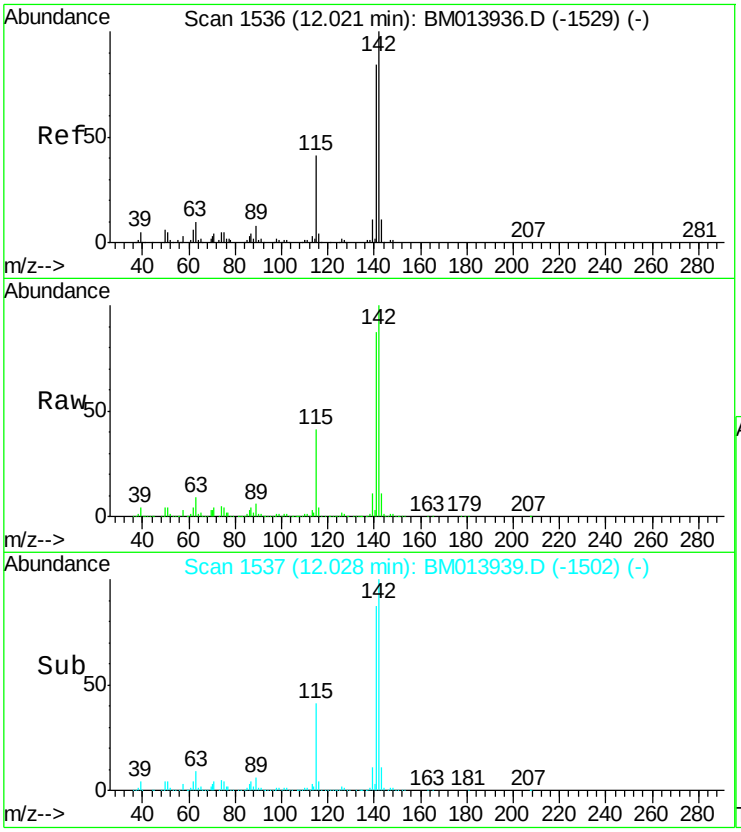


#30
4-Chloroaniline
Concen: 64.36 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:127 Resp: 495143

Ion	Ratio	Lower	Upper
127	100		
129	86.0	28.4	42.6#



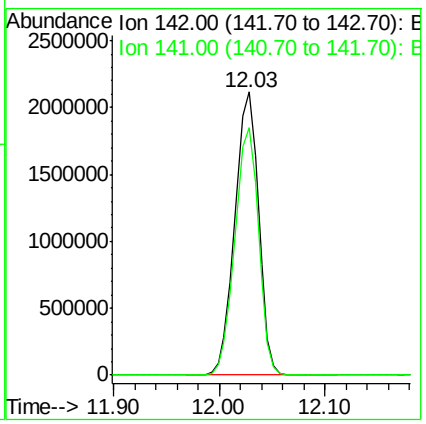


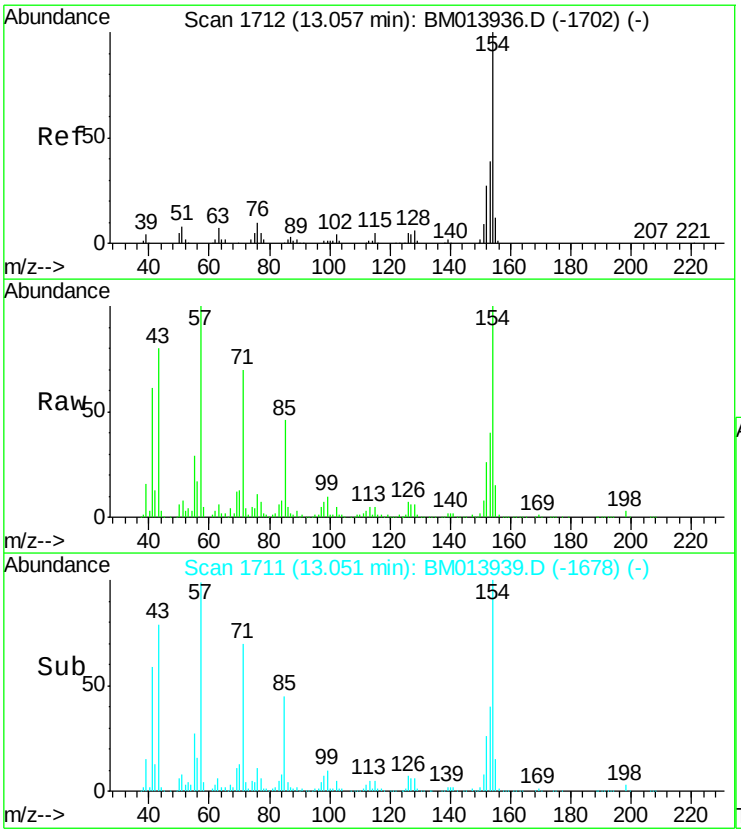
#34
2-Methylnaphthalene
Concen: 156.88 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:142 Resp: 3285143

Ion	Ratio	Lower	Upper
142	100		
141	87.3	74.1	111.1

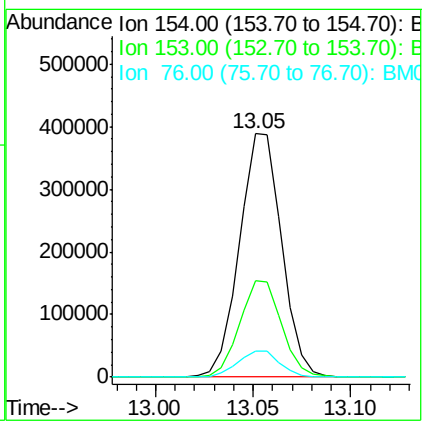


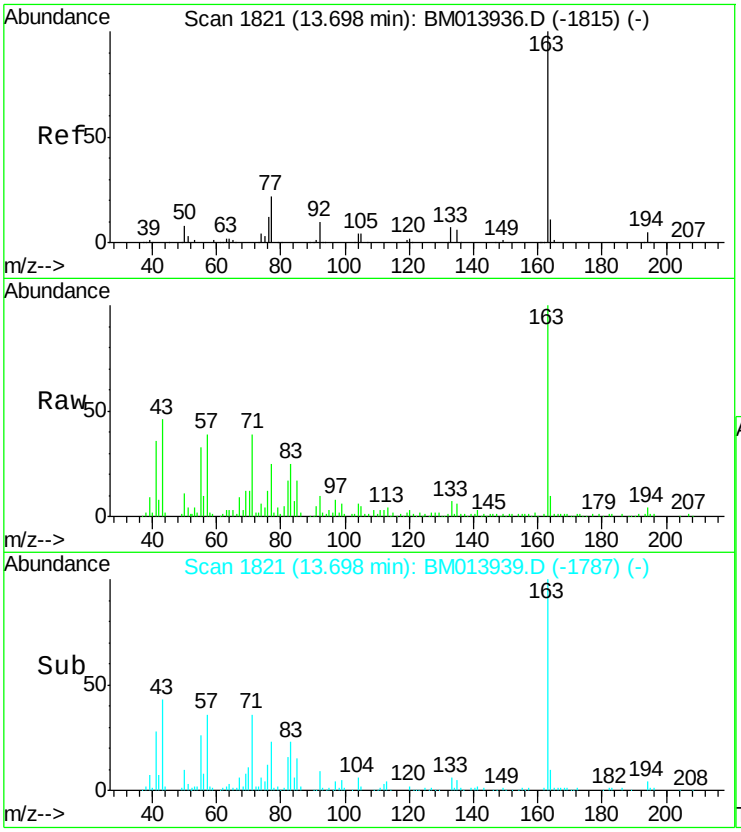


#40
1,1'-Biphenyl
Concen: 21.01 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:154 Resp: 581727

Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.6	48.8
76	10.9	8.5	12.7



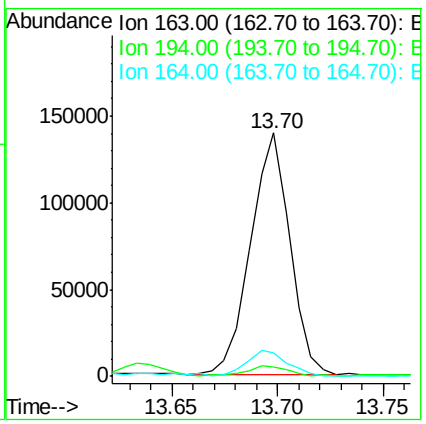


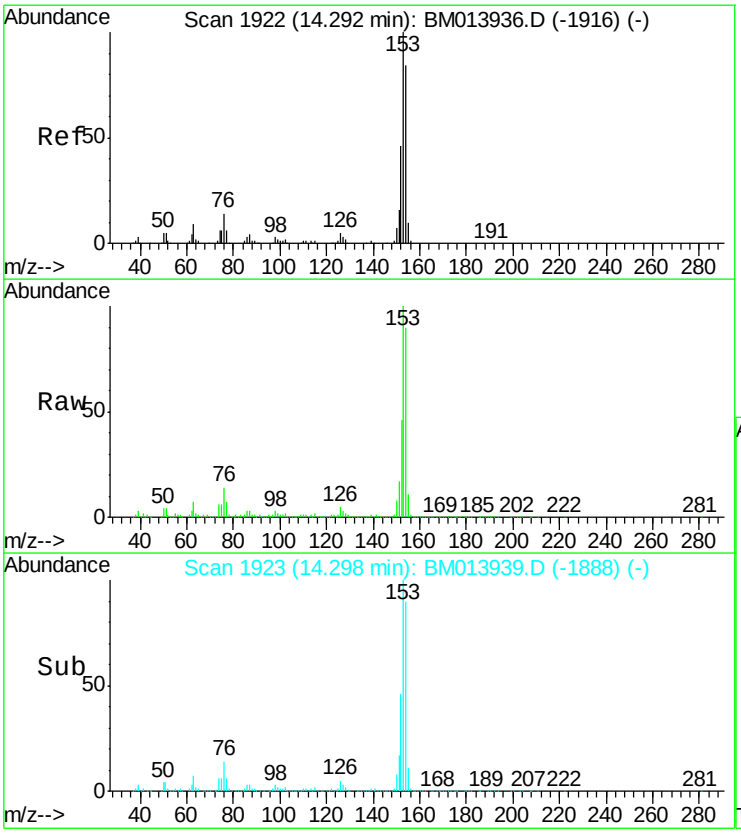
#44
Dimethylphthalate
Concen: 6.70 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:163 Resp: 180504

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	9.5	8.2	12.4

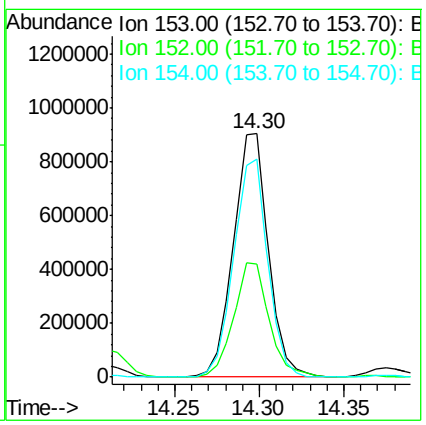


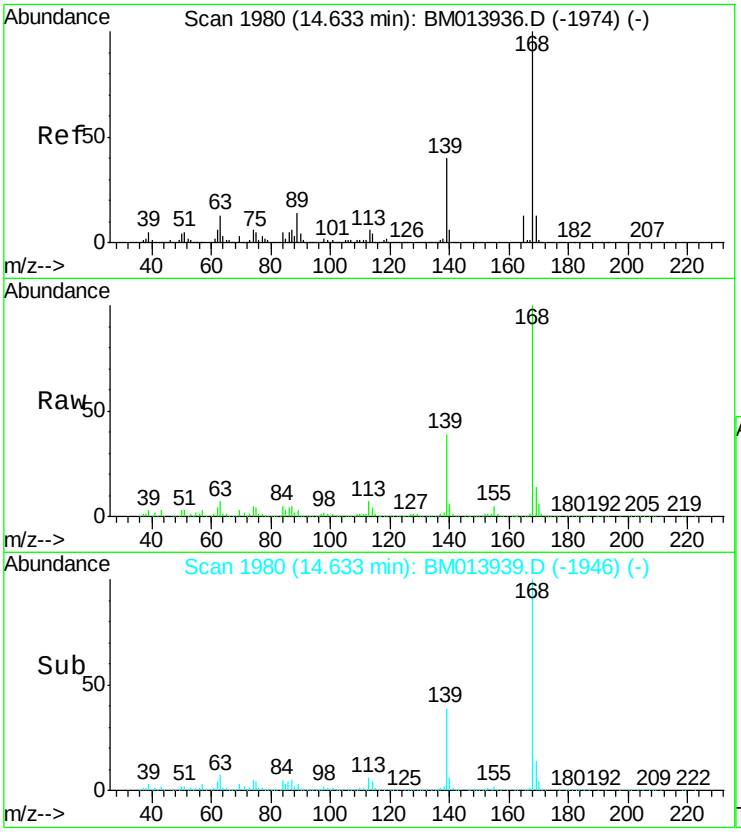


#49
Acenaphthene
Concen: 58.83 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:153 Resp: 1303305

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.6	56.4
154	89.8	70.4	105.6



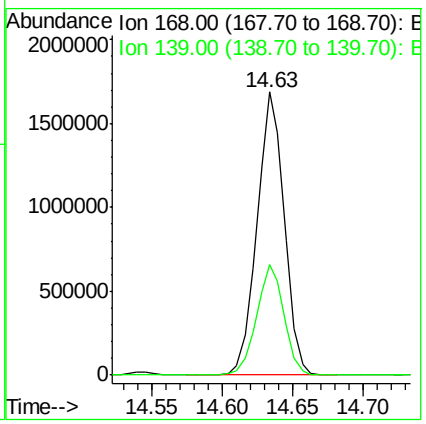


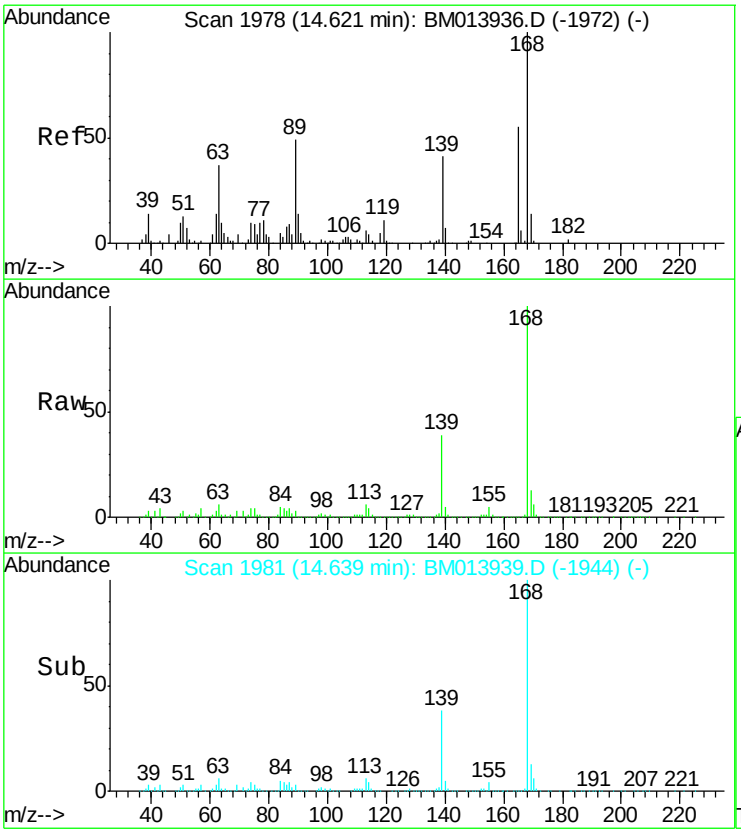
#53
Dibenzofuran
Concen: 68.71 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:168 Resp: 2289953

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.8	46.2

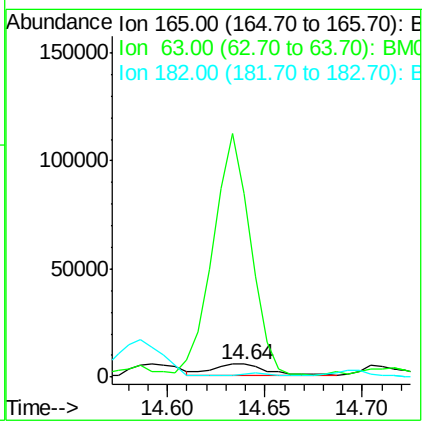


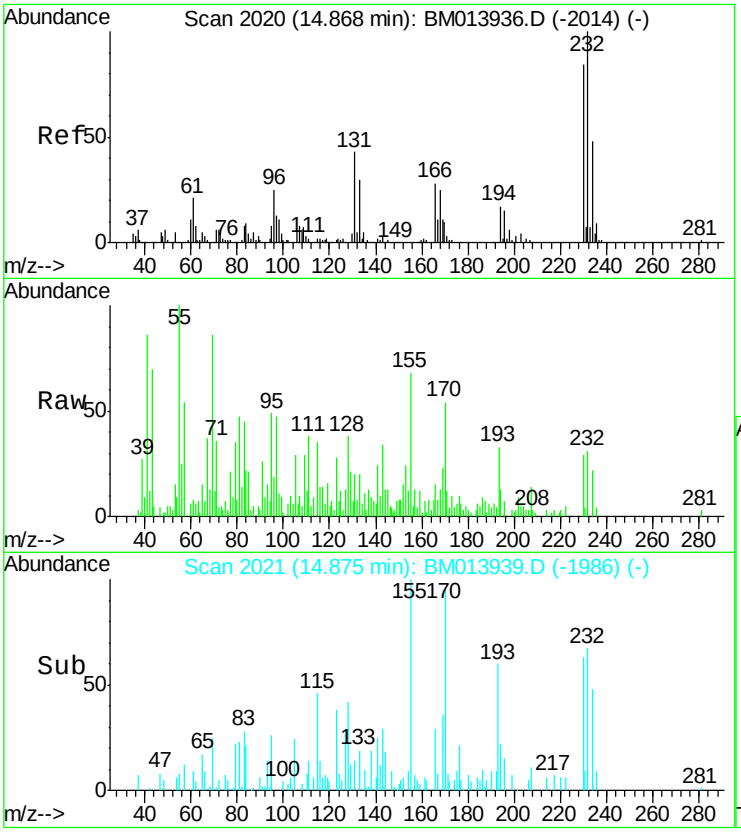


#54
2,4-Dinitrotoluene
Concen: 1.24 ng/ul
RT: 14.64 min Scan# 1981
Delta R.T. 0.02 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:165 Resp: 9479

Ion	Ratio	Lower	Upper
165	100		
63	1451.4	45.8	68.8#
182	28.1	2.6	4.0#



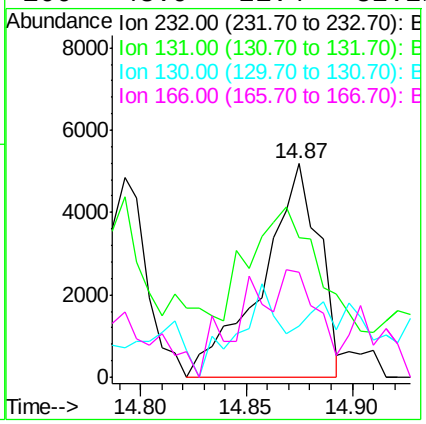


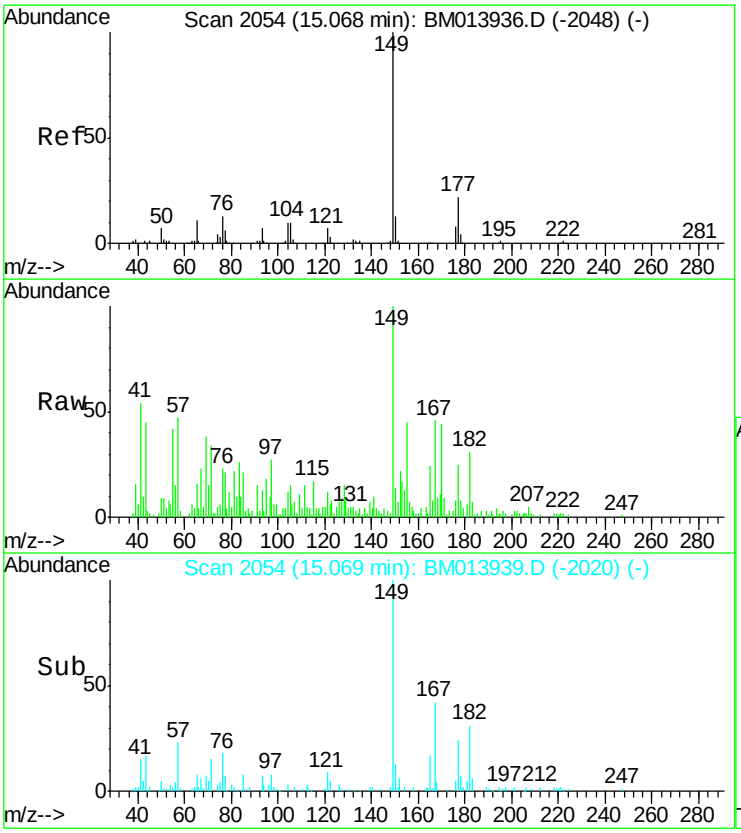
#55
2,3,4,6-Tetrachlorophenol
Concen: 1.40 ng/ul
RT: 14.87 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:232 Resp: 9743

Ion	Ratio	Lower	Upper
232	100		
131	65.3	29.0	43.4#
130	23.9	2.0	3.0#
166	48.9	21.4	32.2#

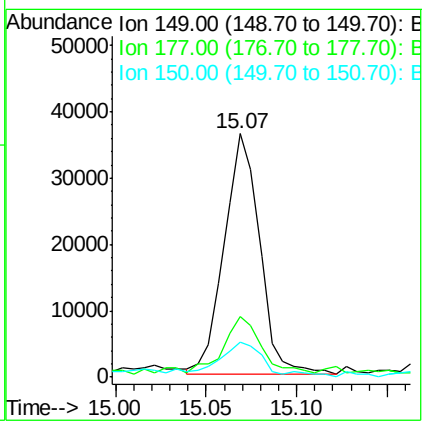


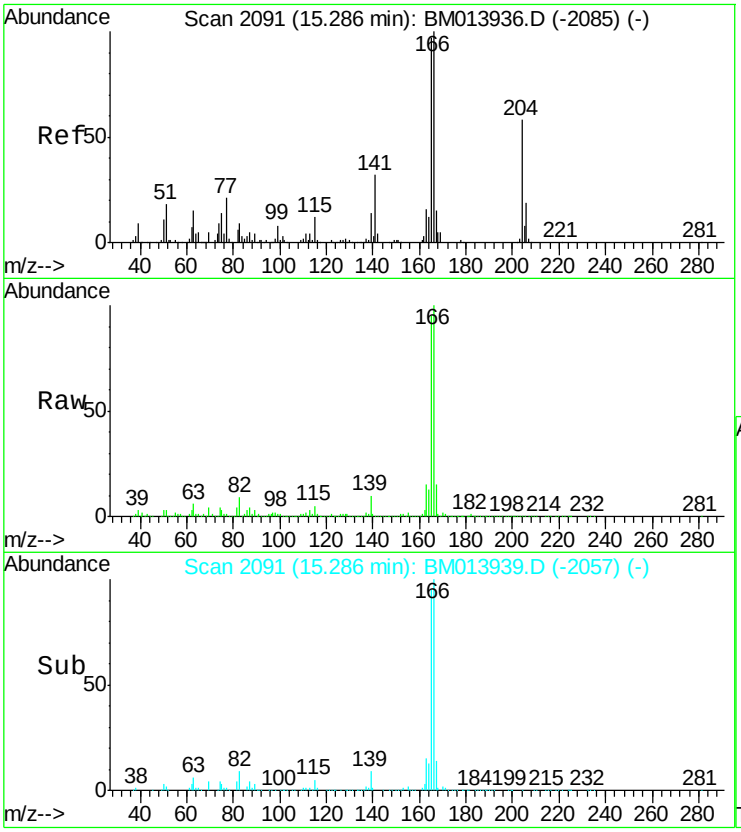


#56
Diethylphthalate
Concen: 1.82 ng/ul
RT: 15.07 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:149 Resp: 49319

Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.5	30.7
150	14.4	10.6	15.8



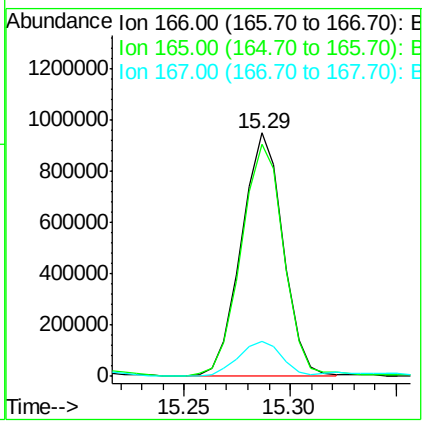


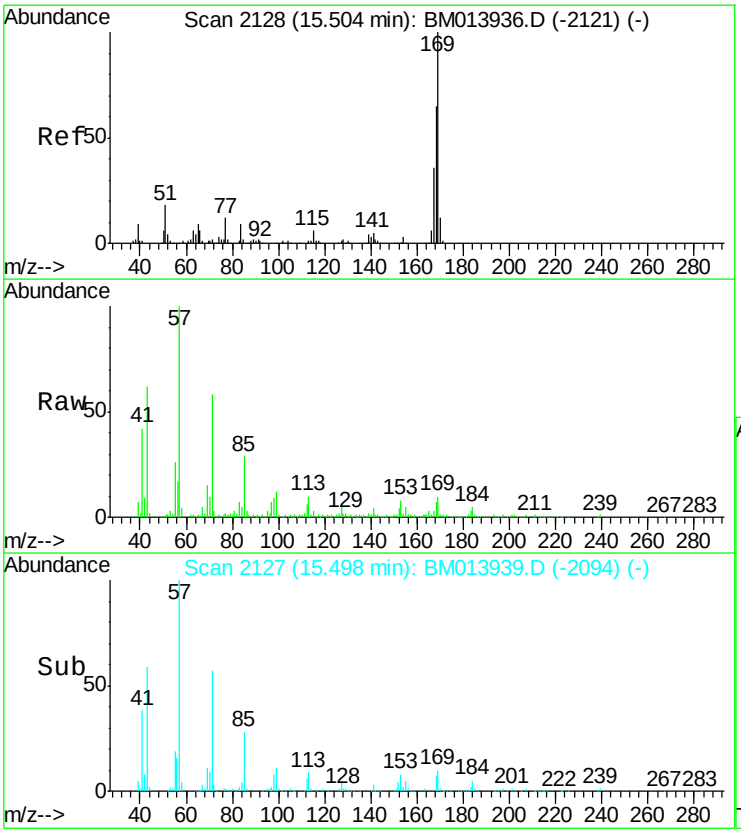
#58
Fluorene
Concen: 47.62 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:166 Resp: 1300159

Ion	Ratio	Lower	Upper
166	100		
165	95.1	77.9	116.9
167	14.6	10.6	16.0

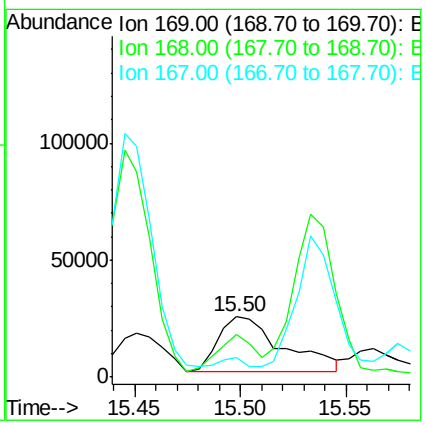


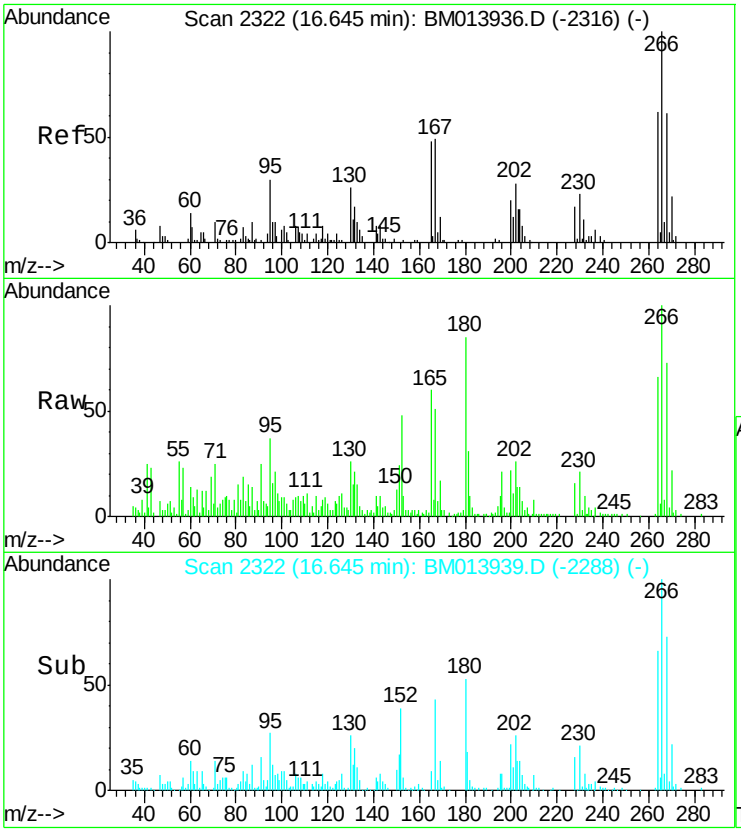


#64
N-Nitrosodiphenylamine
Concen: 2.58 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:169 Resp: 50395

Ion	Ratio	Lower	Upper
169	100		
168	71.4	54.0	81.0
167	31.4	29.1	43.7



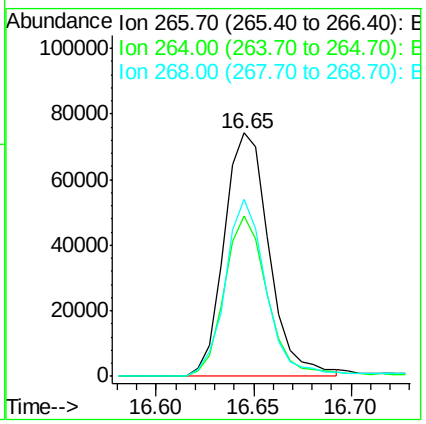


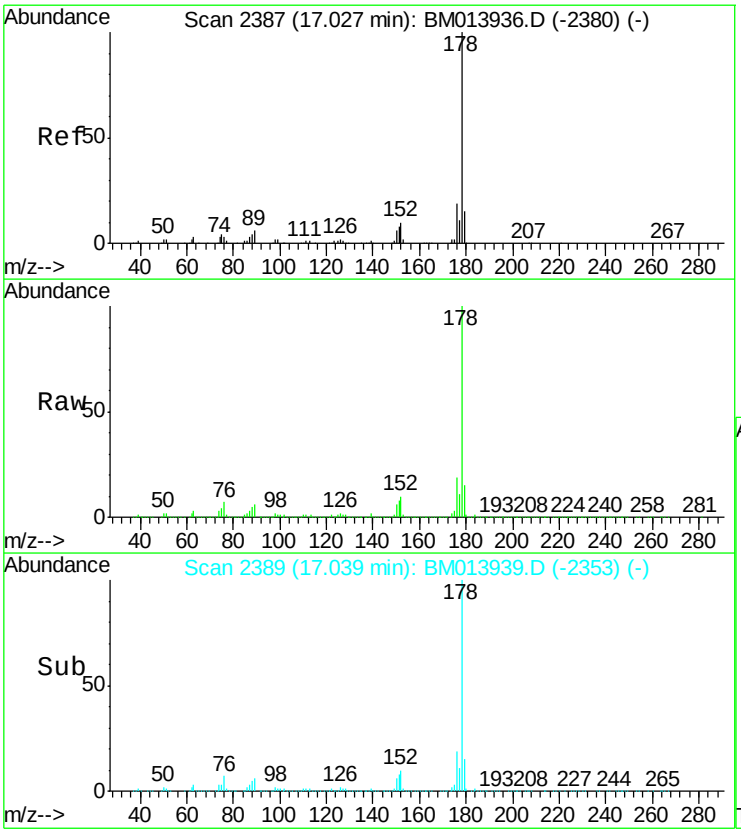
#68
Pentachlorophenol
Concen: 26.41 ng/ul
RT: 16.65 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:266 Resp: 118438

Ion	Ratio	Lower	Upper
266	100		
264	65.9	49.3	73.9
268	72.6	52.6	78.8

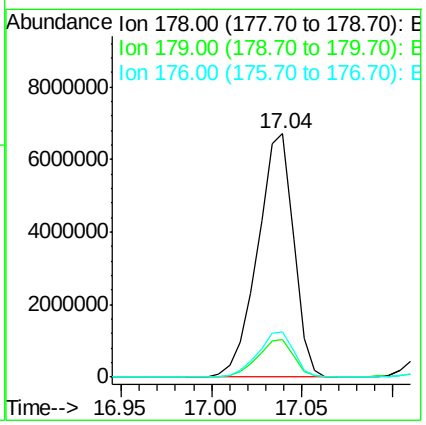


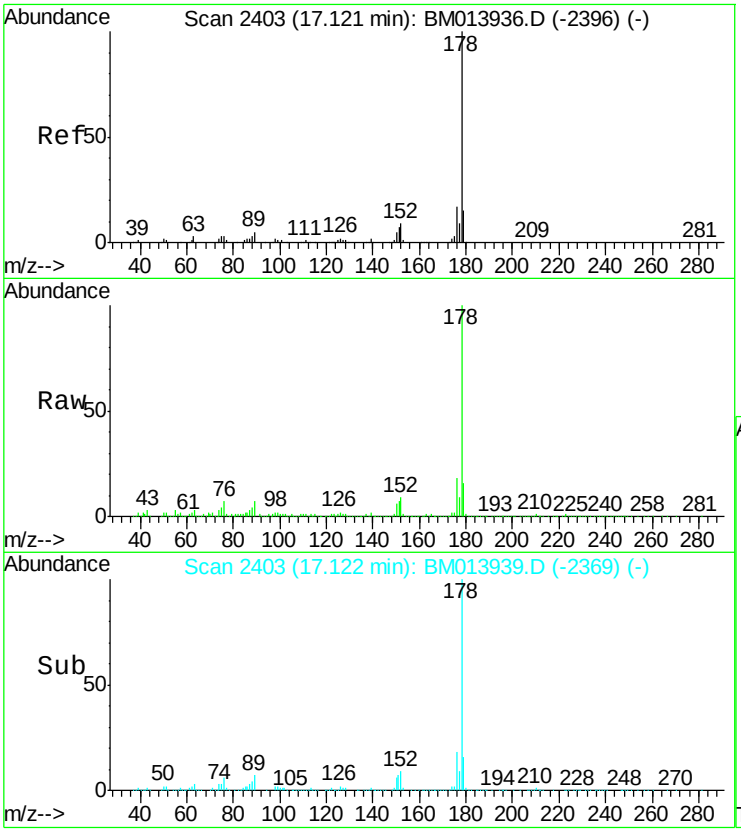


#69
Phenanthrene
Concen: 250.60 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:178 Resp: 9247622

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.7	14.9	22.3



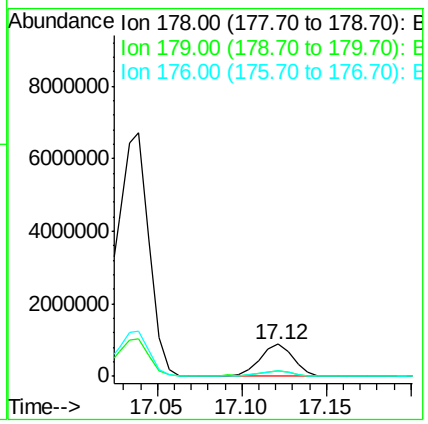


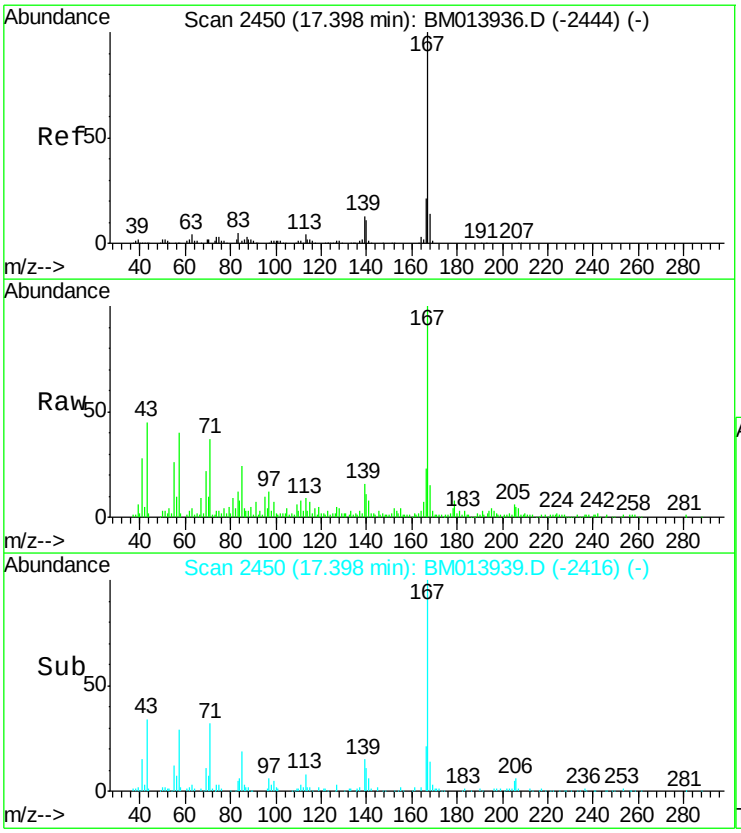
#71
Anthracene
Concen: 31.74 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:178 Resp: 1208215

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	17.6	14.6	21.8

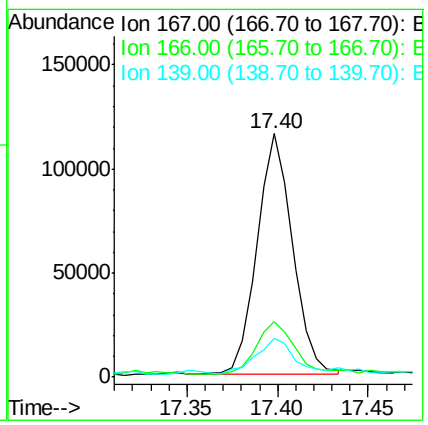


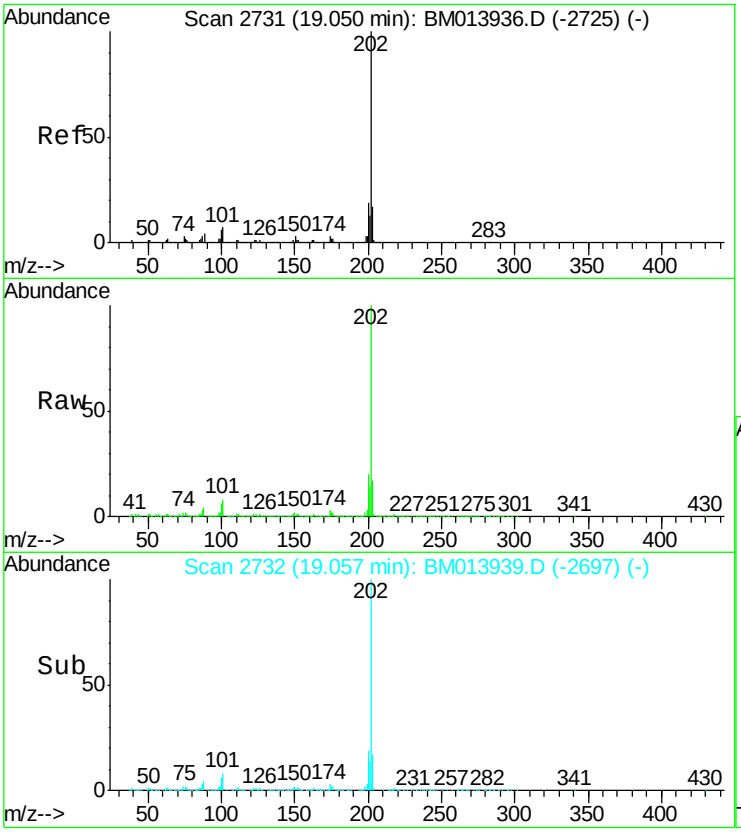


#72
Carbazole
Concen: 5.02 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:167 Resp: 157600

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.1	25.7
139	15.9	10.0	15.0#



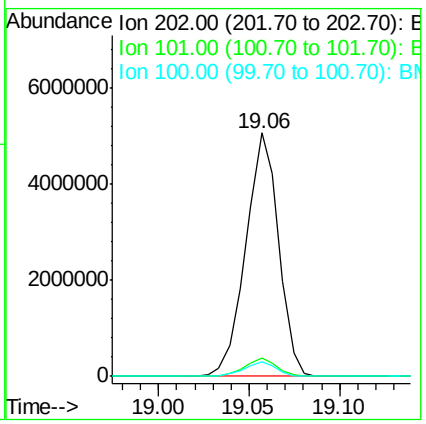


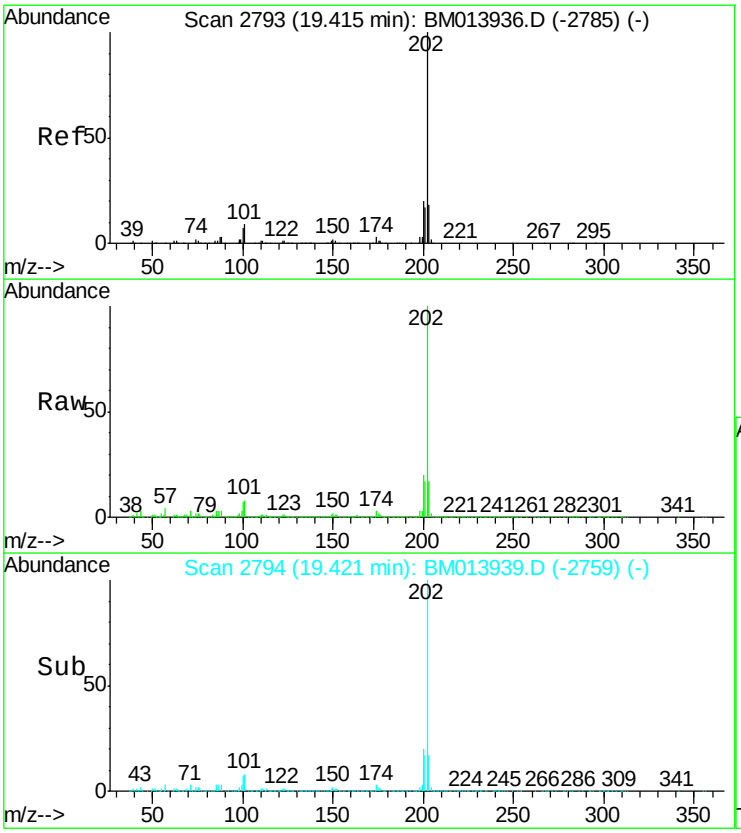
#74
Fluoranthene
Concen: 144.20 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:202 Resp: 6351862

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	6.1	3.4	5.2#

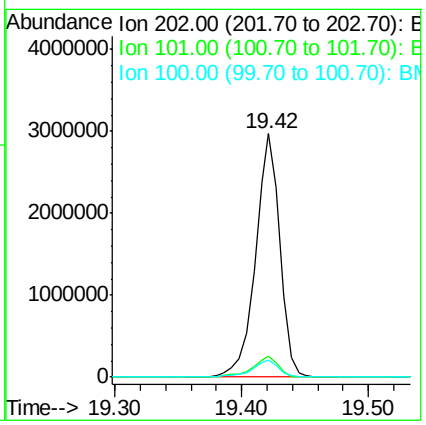


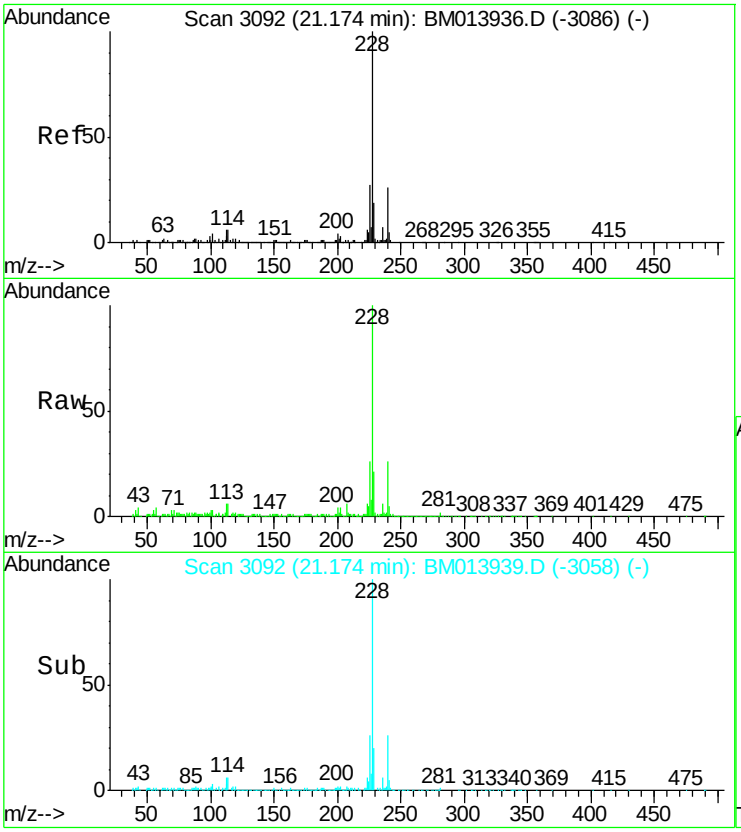


#77
Pyrene
Concen: 90.31 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:202 Resp: 3955533

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	7.2	4.9	7.3



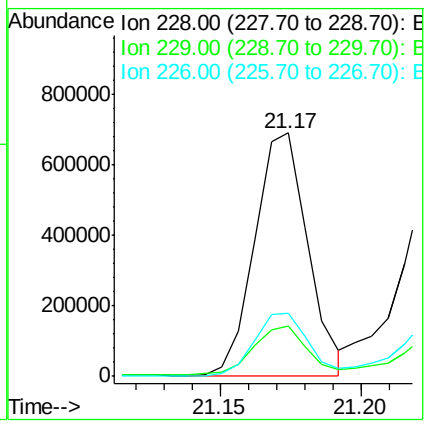


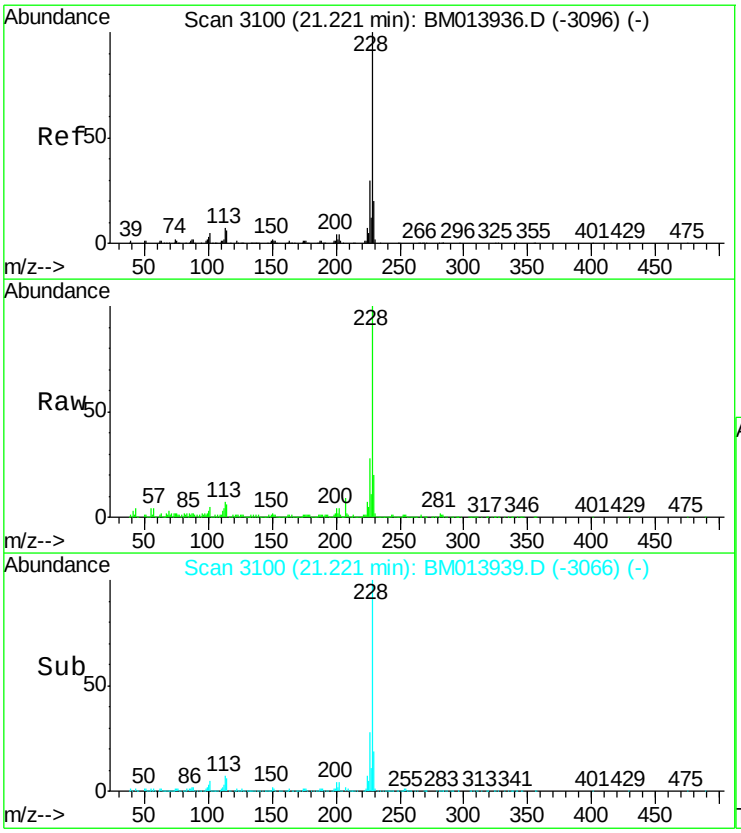
#80
Benzo(a)anthracene
Concen: 20.62 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:228 Resp: 897661

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	26.1	21.4	32.0

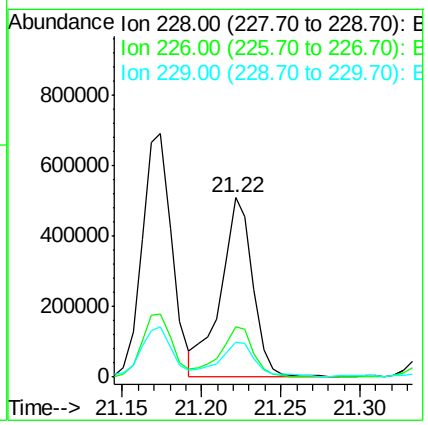


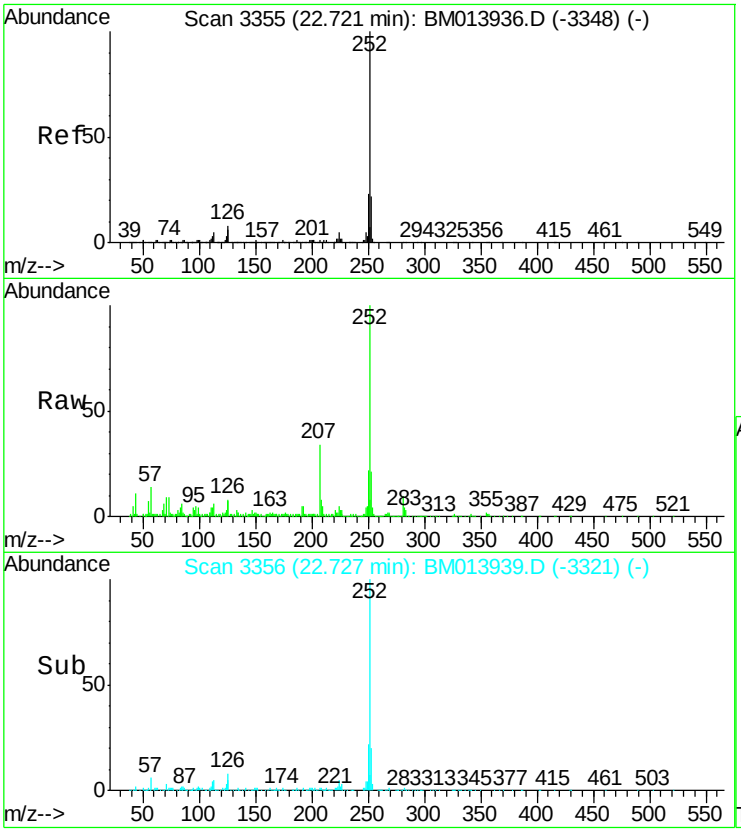


#82
Chrysene
Concen: 17.72 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:228 Resp: 707710

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.2
229	19.8	15.5	23.3



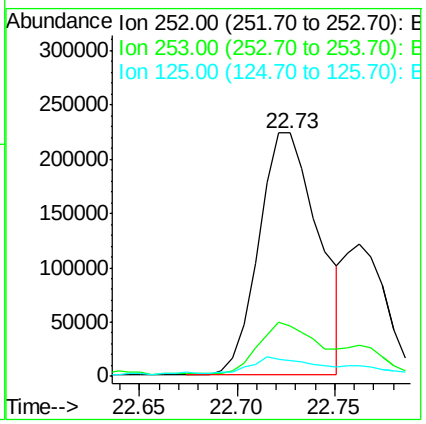


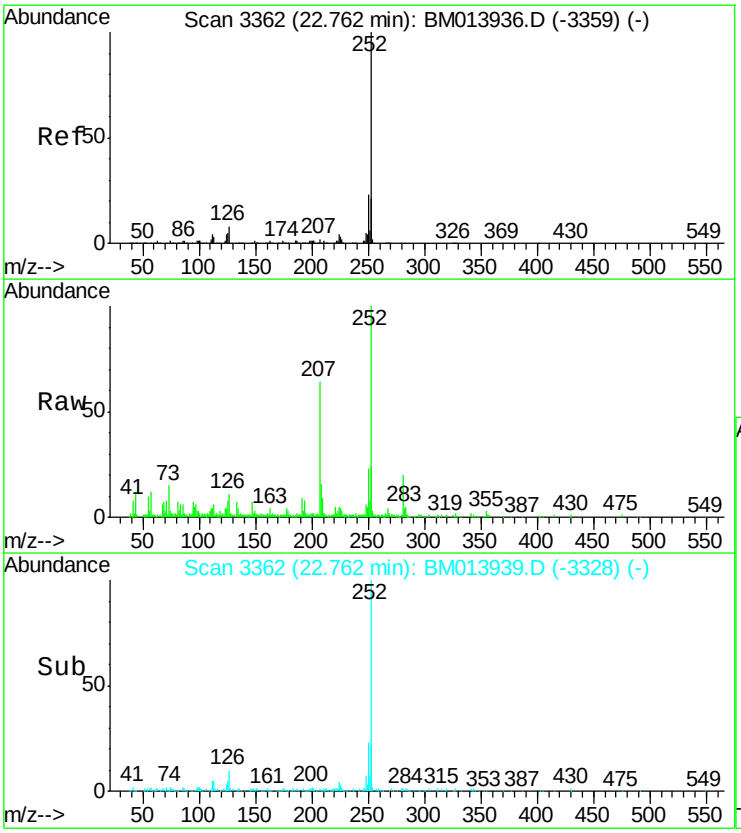
#85
Benzo(b)fluoranthene
Concen: 10.38 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:252 Resp: 472646

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	6.5	3.6	5.4#

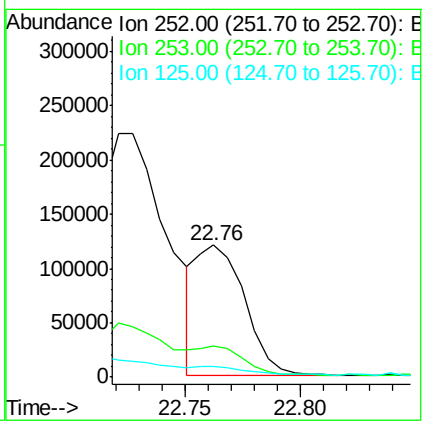


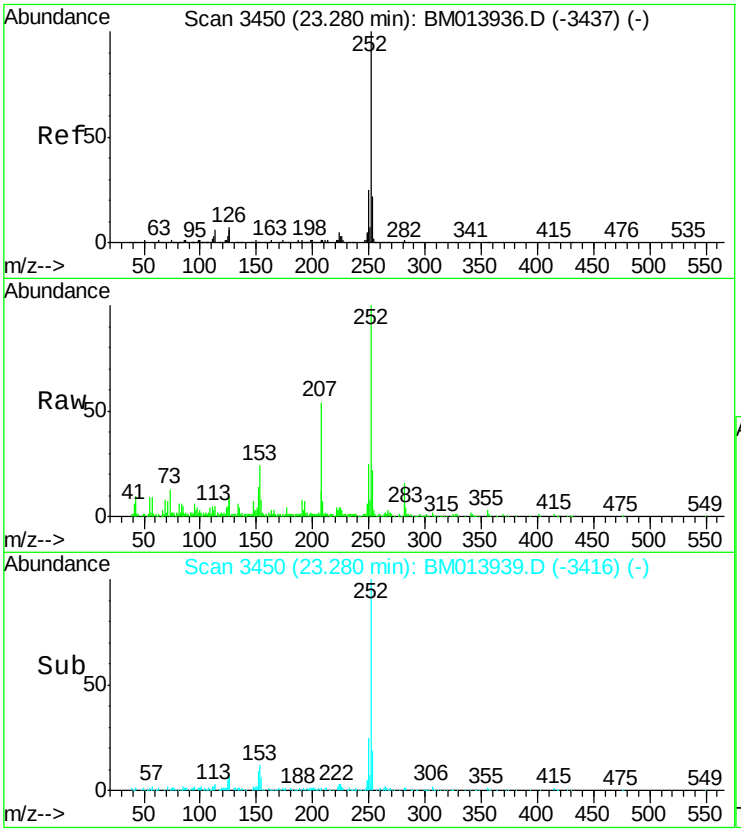


#86
Benzo(k)fluoranthene
Concen: 3.93 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:252 Resp: 173066

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	7.7	3.4	5.2#



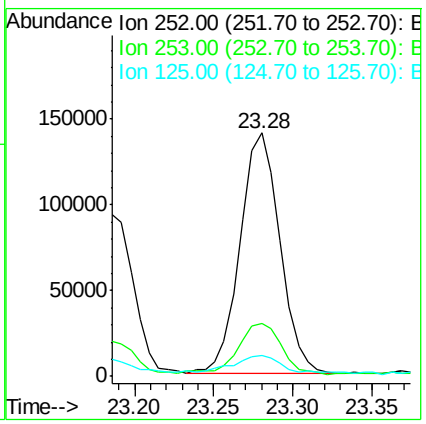


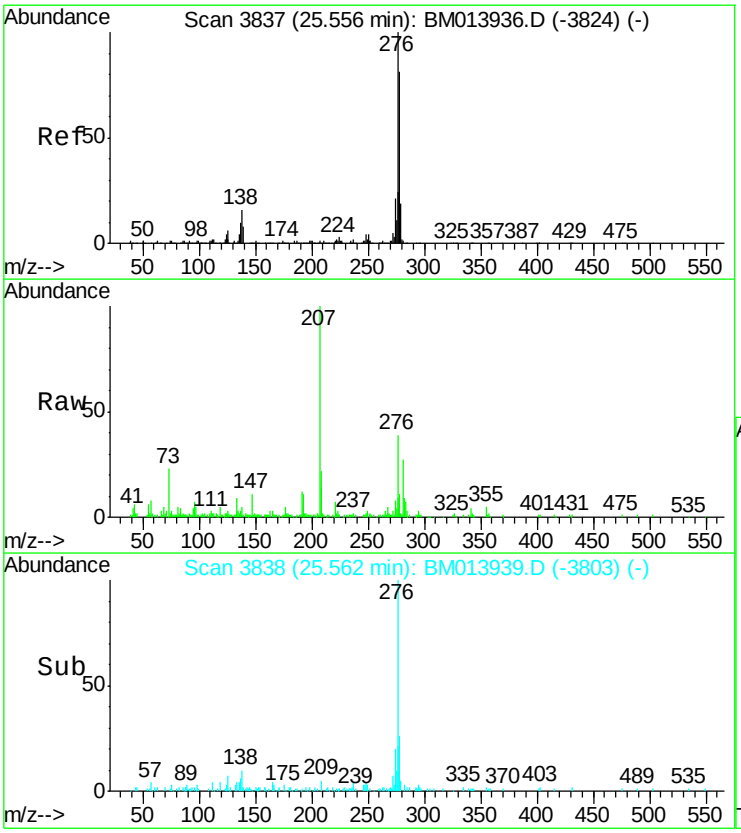
#88
Benzo(a)pyrene
Concen: 5.72 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:252 Resp: 245890

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.3	4.0	6.0#

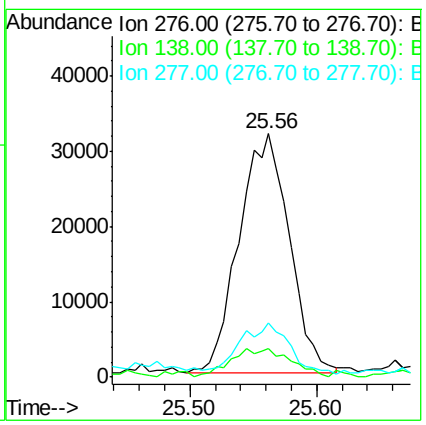


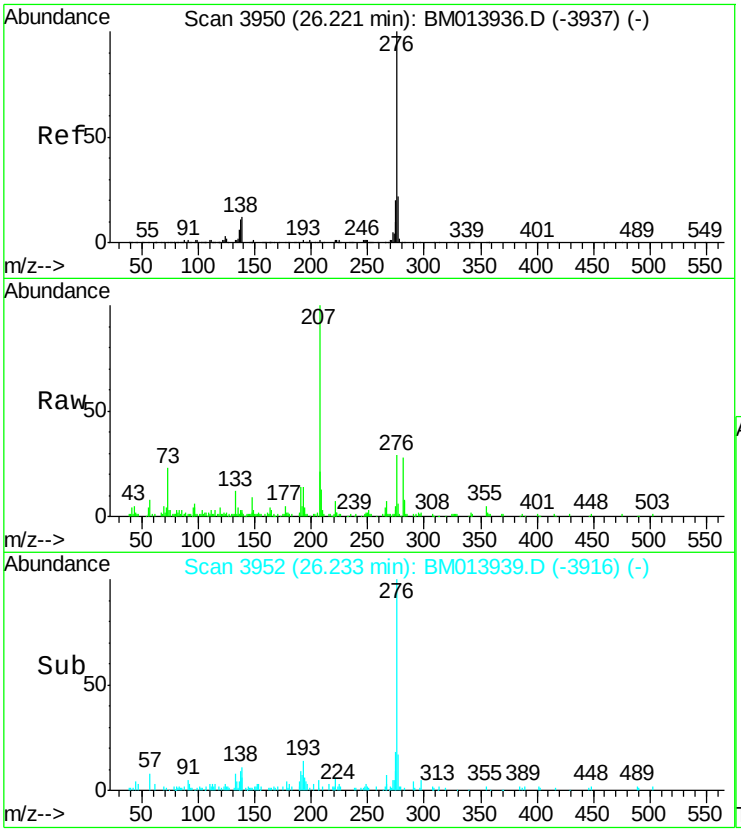


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.72 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion:276 Resp: 87446

Ion	Ratio	Lower	Upper
276	100		
138	11.6	9.3	13.9
277	22.4	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.65 ng/ul
RT: 26.23 min Scan# 3952
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tgt Ion:276 Resp: 68960

Ion	Ratio	Lower	Upper
276	100		
138	17.6	8.5	12.7#
277	19.9	18.6	28.0