Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 29 03:15:47 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 03:14:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	139777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	523673	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	298987	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	619435	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	634576	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	660897	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	1200	0.34	ng/uL	0.00
5) Phenol-d5	6.77	99	48397	4.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	33448	5.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	44407	5.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	39268	4.76	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	23273	5.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	20251	4.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	33656	4.06	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	47015	6.53	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	122619	4.98	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	154624	4.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	244	0.06	ng/ul	0.00
57) Fluorene-d10	15.23	176	106464	4.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	11150	2.99	ng/ul	0.01
70) Anthracene-d10	17.09	188	160791	5.33	ng/ul	0.00
76) Pyrene-d10	19.39	212	174217	5.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	170684	5.62	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.40	128	573262	22.004	ng/ul	99
32) Caprolactam	11.37	113	12825	5.767	ng/ul	96
34) 2-Methylnaphthalene	12.03	142	317584	16.350	ng/ul	92
40) 1,1'-Biphenyl	13.06	154	109996	4.420	ng/ul	97
49) Acenaphthene	14.29	153	355236	17.840	ng/ul	96
53) Dibenzofuran	14.63	168	396086	13.222	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	116862	18.620	ng/ul#	86
58) Fluorene	15.29	166	346591	14.125	ng/ul	98
68) Pentachlorophenol	16.65	266	2061880	492.705	ng/ul	98
69) Phenanthrene	17.03	178	1868847	54.277	ng/ul	99
71) Anthracene	17.12	178	305543	8.603	ng/ul	100
72) Carbazole	17.40	167	145679	4.969	ng/ul	98
74) Fluoranthene	19.06	202	1217281	29.617	ng/ul#	96
77) Pyrene	19.42	202	867421	22.485	ng/ul#	94
80) Benzo(a)anthracene	21.17	228	155486	4.055	ng/ul	98
82) Chrysene	21.17	228	155486	4.420	ng/ul	95
85) Benzo(b)fluoranthene	22.72	252	108786	2.680	ng/ul#	94
88) Benzo(a)pyrene	23.28	252	49388	1.288	ng/ul#	92

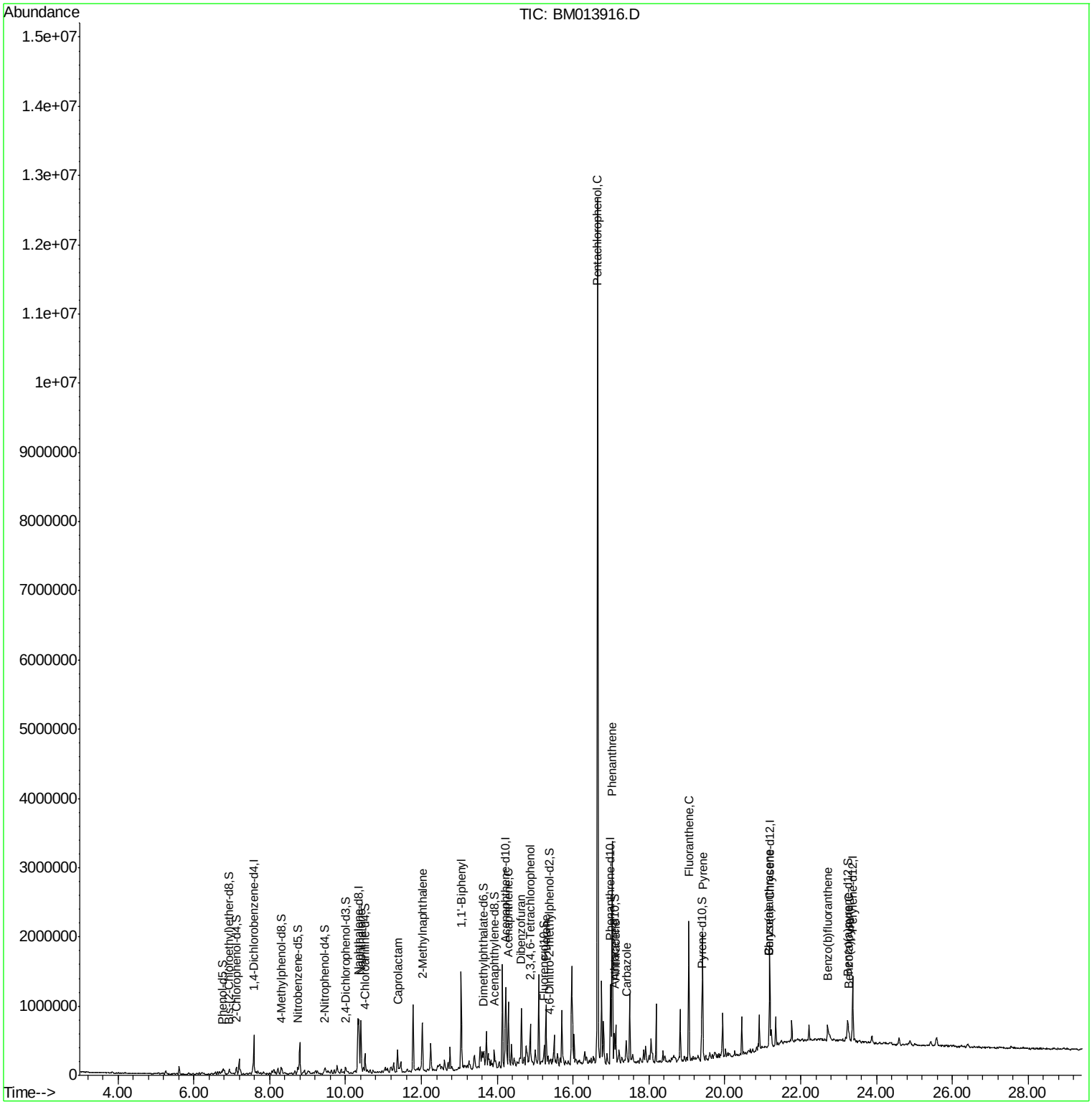
(#) = qualifier out of range (m) = manual integration (+) = signals summed

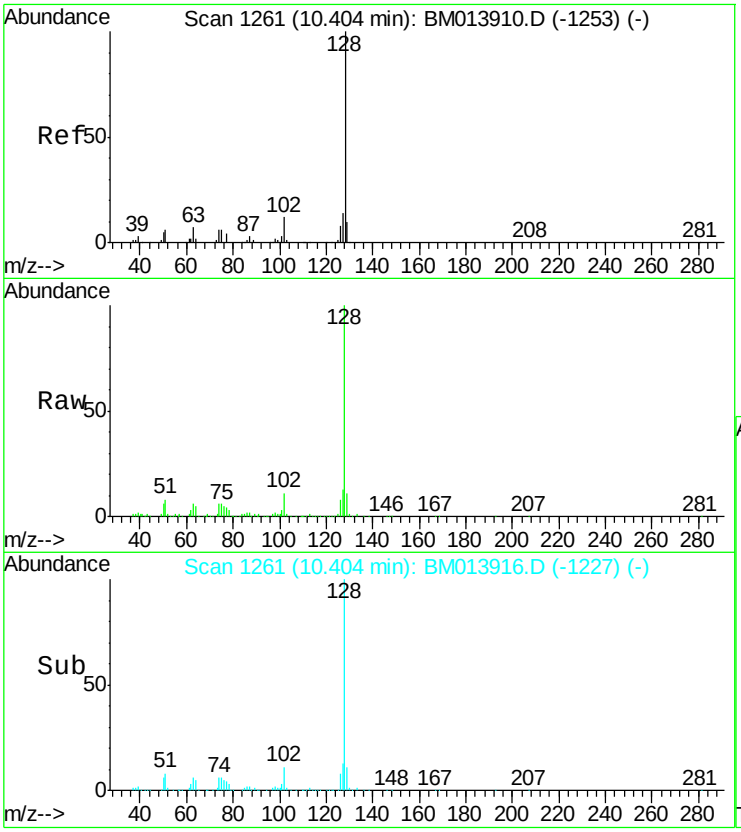
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 29 03:15:47 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 03:14:13 2018
Response via : Initial Calibration



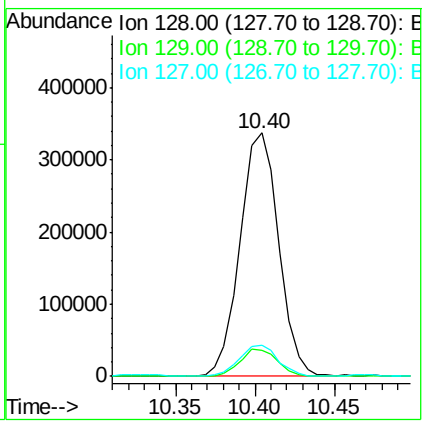


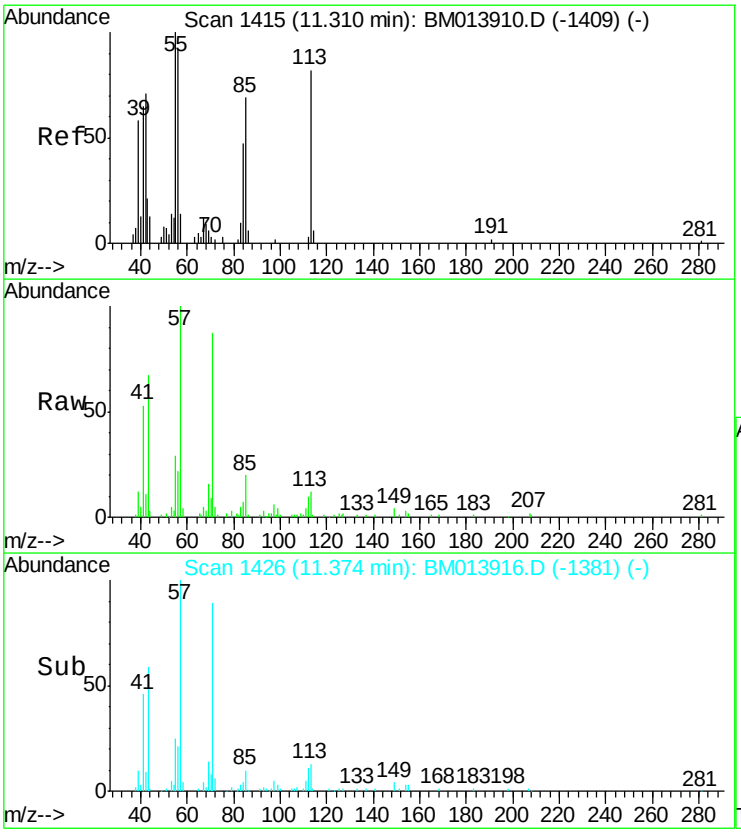
#28
Naphthalene
Concen: 22.004 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 573262

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.6	10.6	16.0

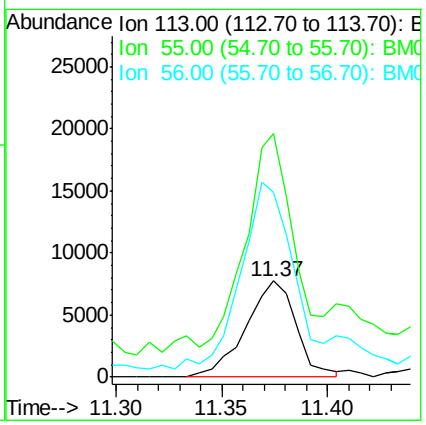


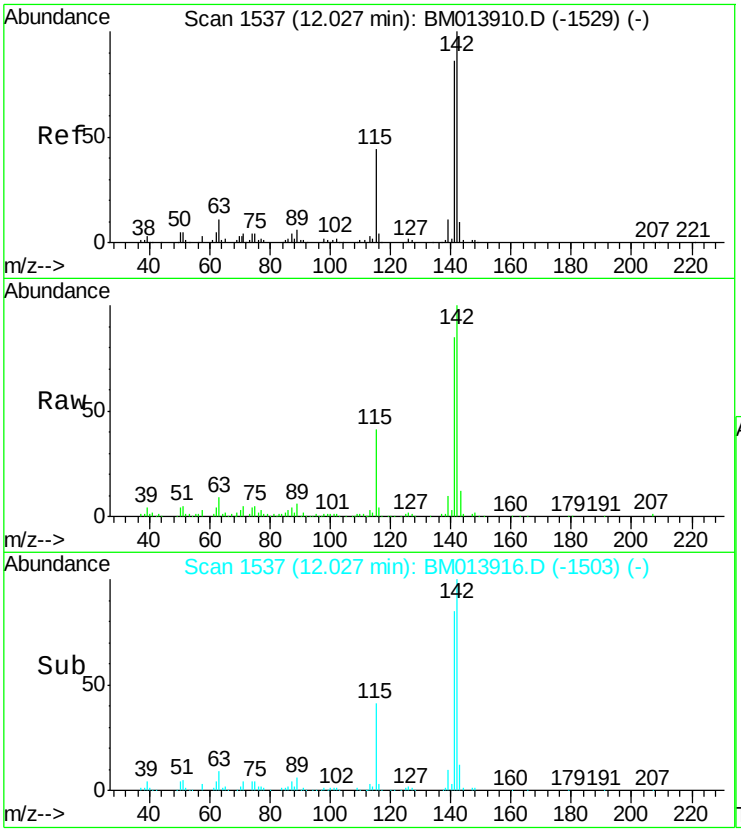


#32
Caprolactam
Concen: 5.767 ng/ul
RT: 11.37 min Scan# 1426
Delta R.T. 0.06 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:113 Resp: 12825

Ion	Ratio	Lower	Upper
113	100		
55	253.8	208.0	312.0
56	192.1	160.0	240.0



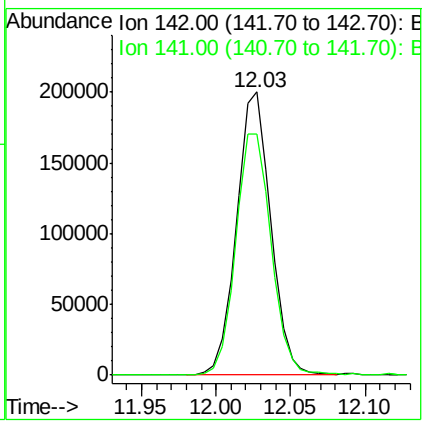


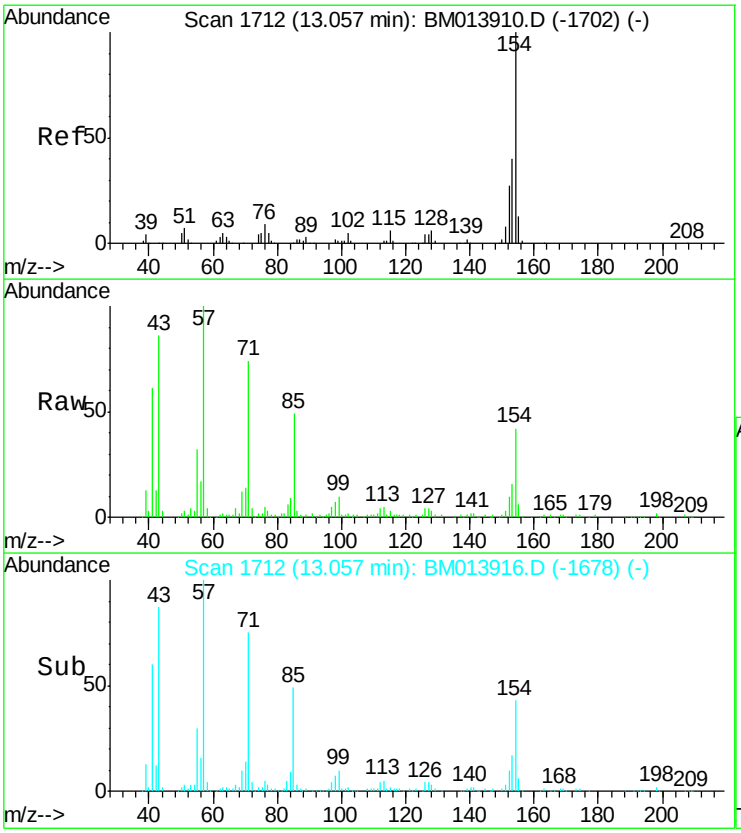
#34
2-Methylnaphthalene
Concen: 16.350 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 317584

Ion	Ratio	Lower	Upper
142	100		
141	85.3	74.1	111.1

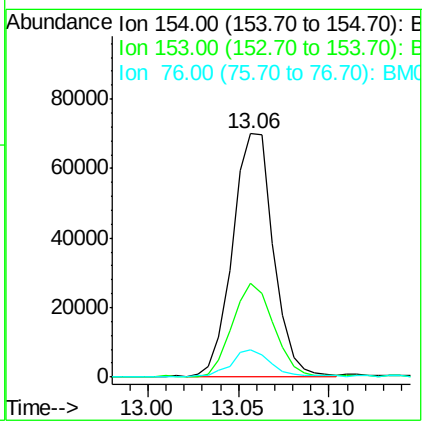


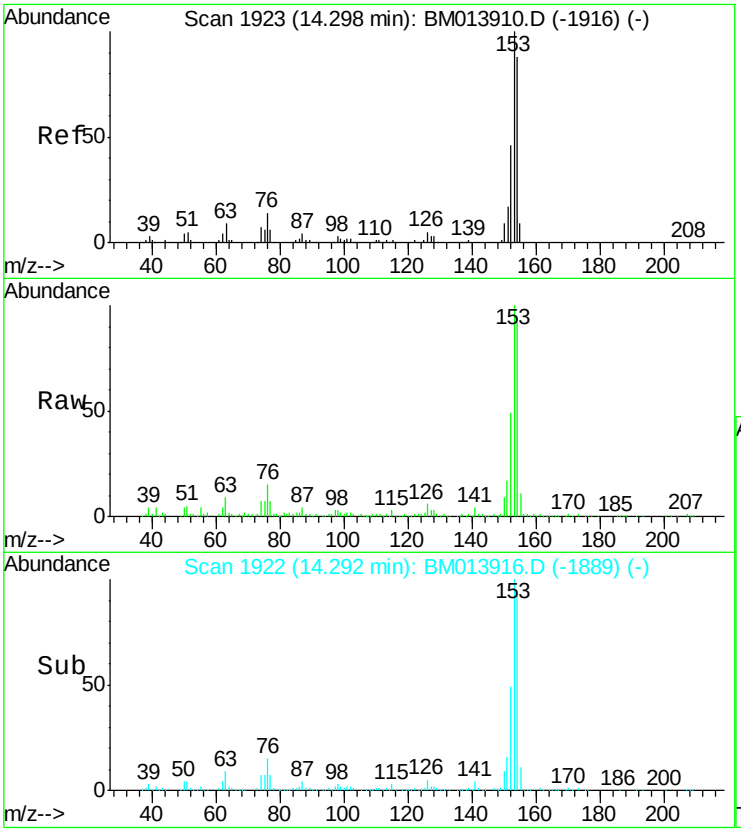


#40
1,1'-Biphenyl
Concen: 4.420 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:154 Resp: 109996

Ion	Ratio	Lower	Upper
154	100		
153	38.8	32.6	48.8
76	11.4	8.5	12.7



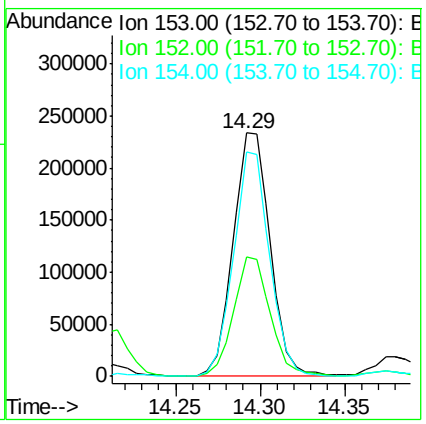


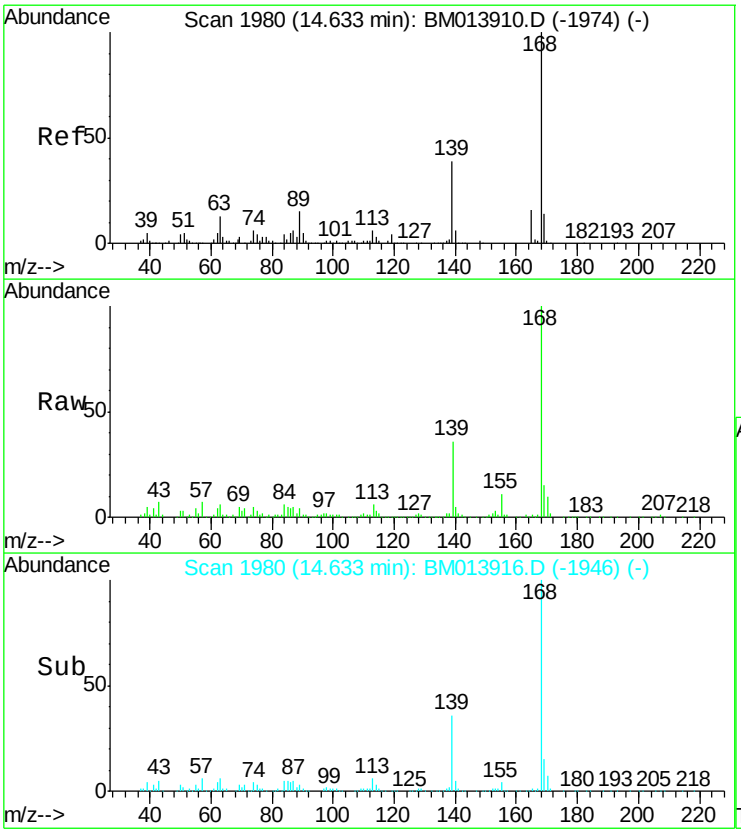
#49
Acenaphthene
Concen: 17.840 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 355236

Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.6	56.4
154	92.0	70.4	105.6

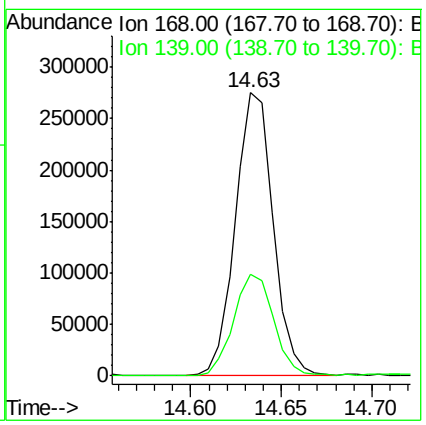


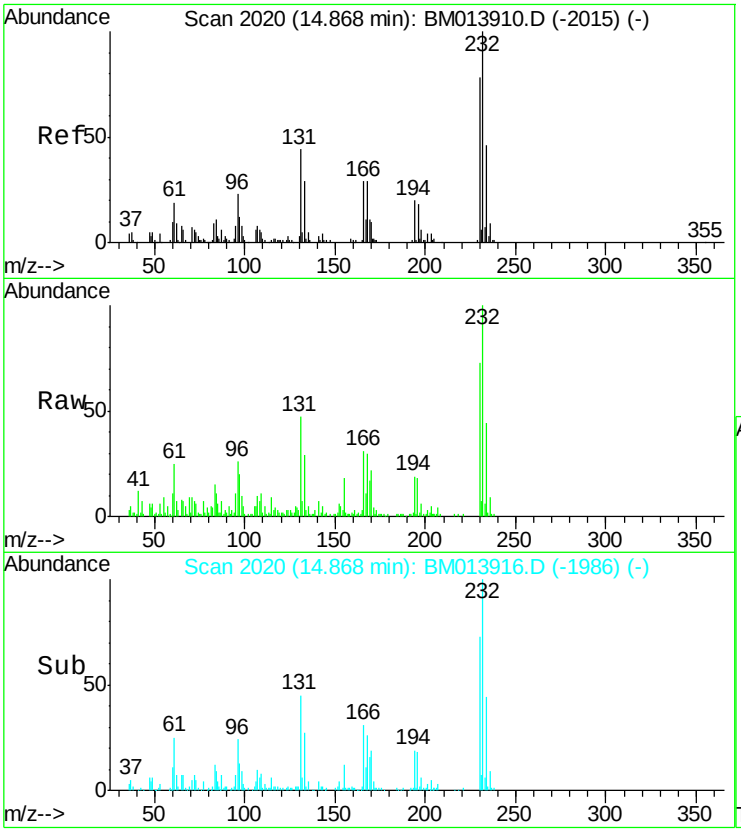


#53
Dibenzofuran
Concen: 13.222 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:168 Resp: 396086

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.8	46.2



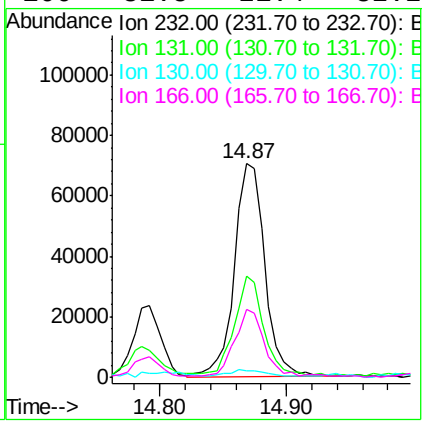


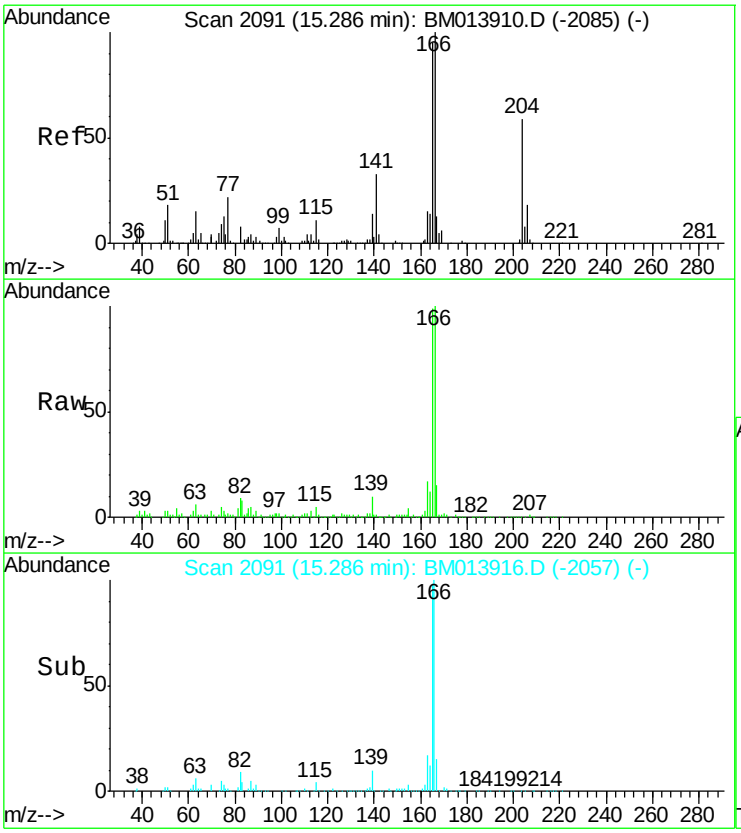
#55
2,3,4,6-Tetrachlorophenol
Concen: 18.620 ng/ul
RT: 14.87 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 116862

Ion	Ratio	Lower	Upper
232	100		
131	47.4	29.0	43.4#
130	2.8	2.0	3.0
166	31.5	21.4	32.2

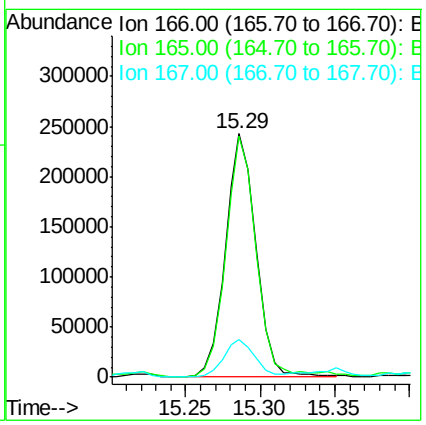


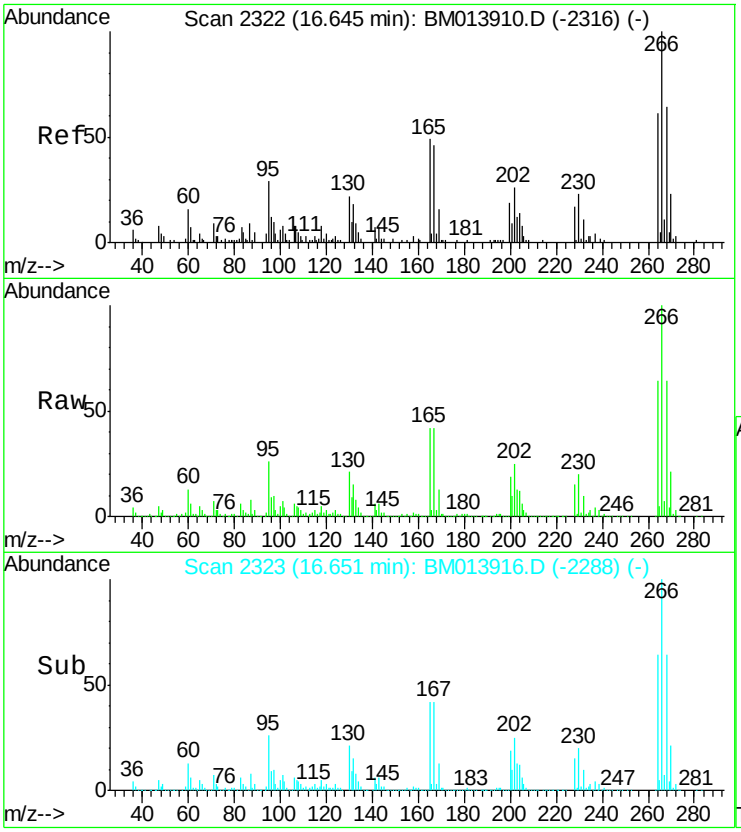


#58
Fluorene
Concen: 14.125 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:166 Resp: 346591

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	15.2	10.6	16.0



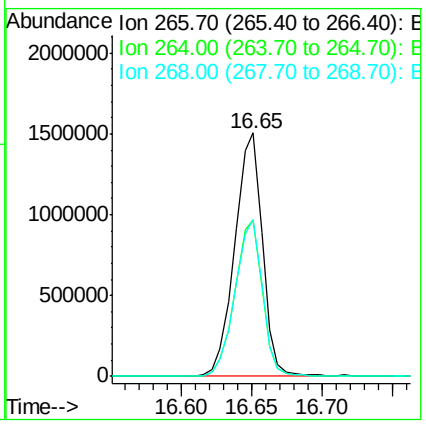


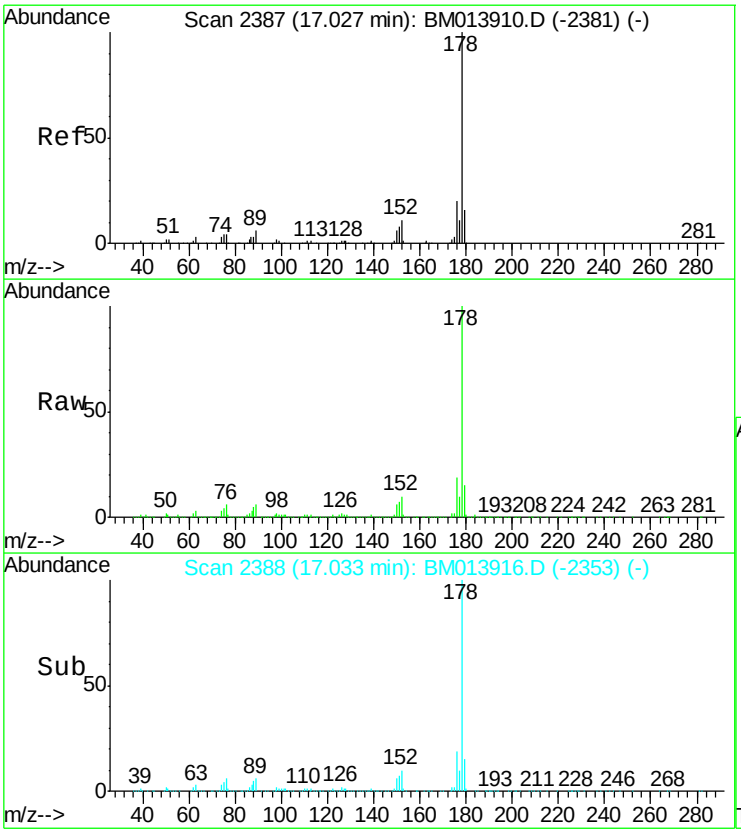
#68
Pentachlorophenol
Concen: 492.705 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. 0.01 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 2061880

Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.3	73.9
268	64.4	52.6	78.8

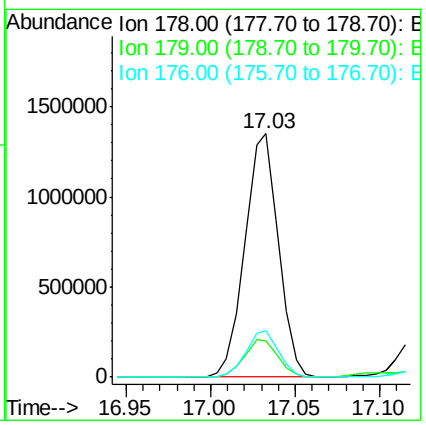


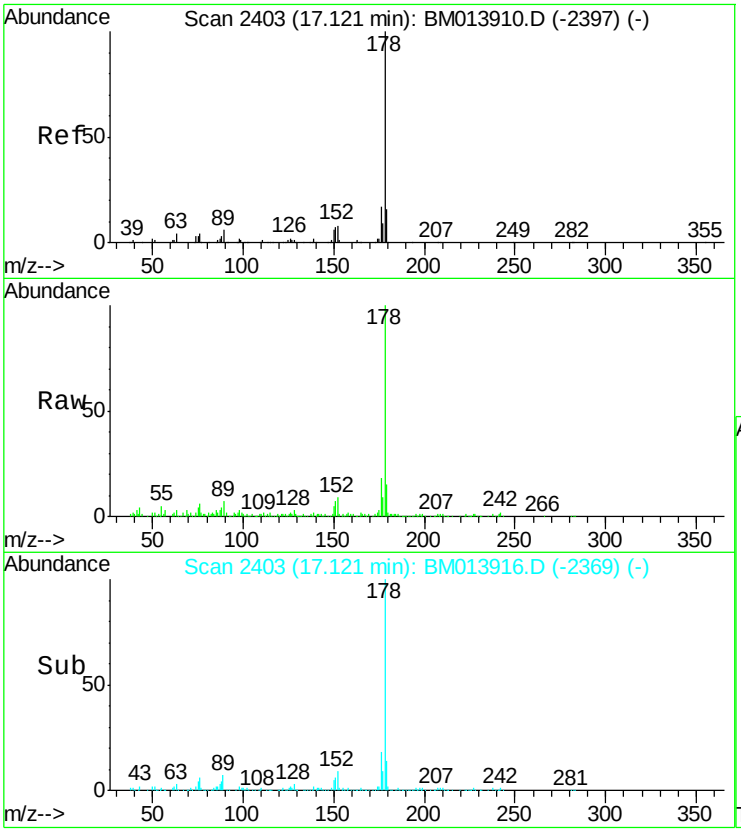


#69
Phenanthrene
Concen: 54.277 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:178 Resp: 1868847

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.9	14.9	22.3



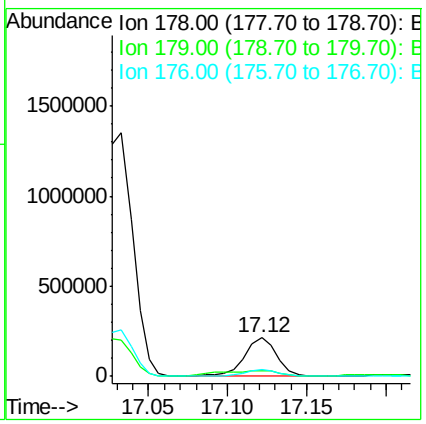


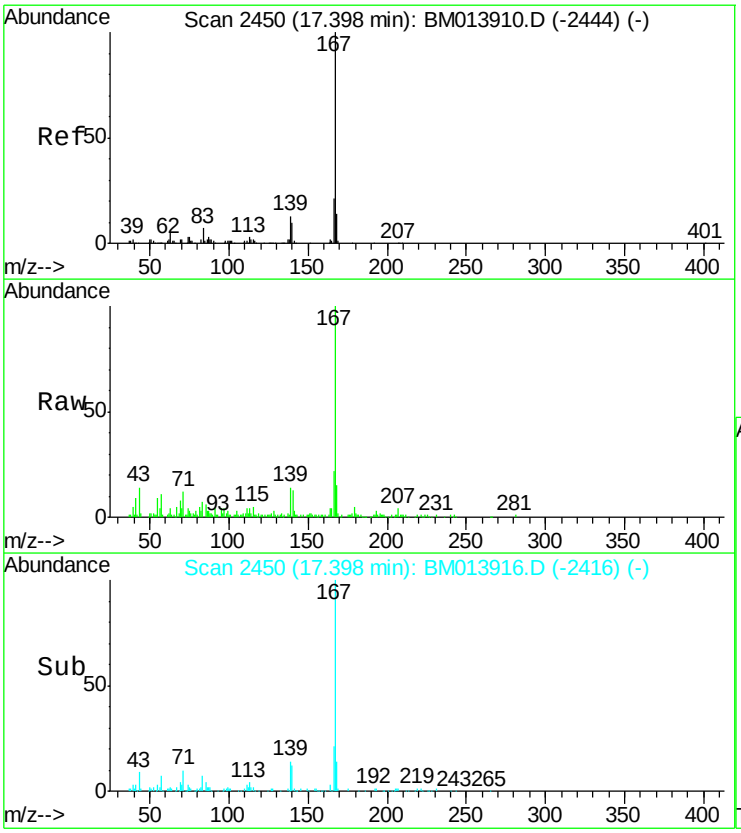
#71
Anthracene
Concen: 8.603 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 305543

Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.7	17.5
176	17.8	14.6	21.8

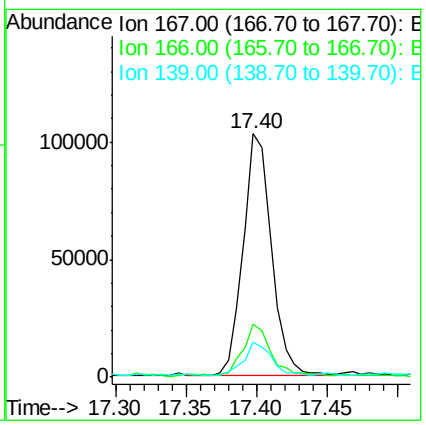


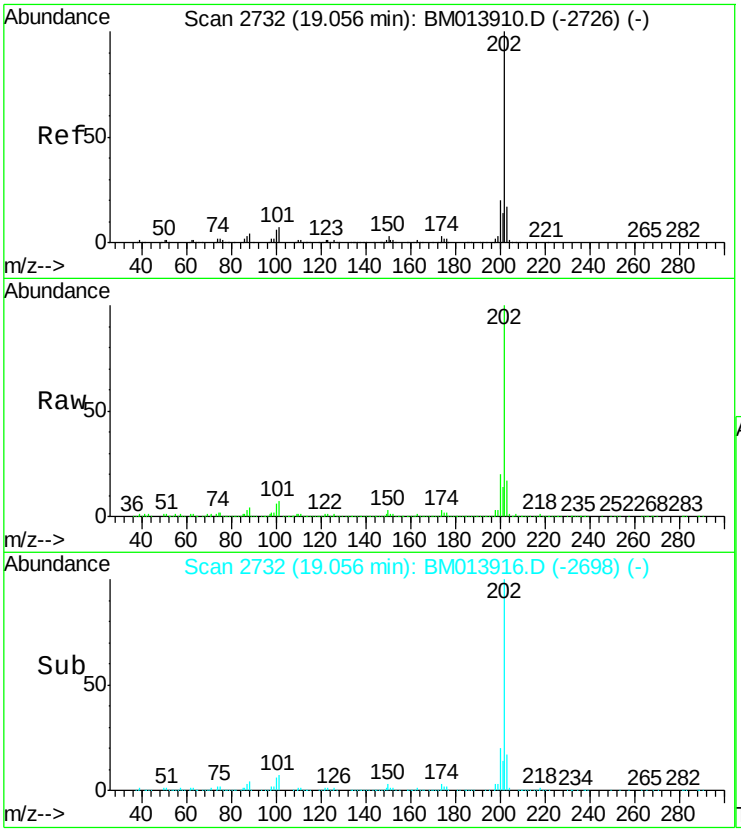


#72
Carbazole
Concen: 4.969 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:167 Resp: 145679

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	14.4	10.0	15.0



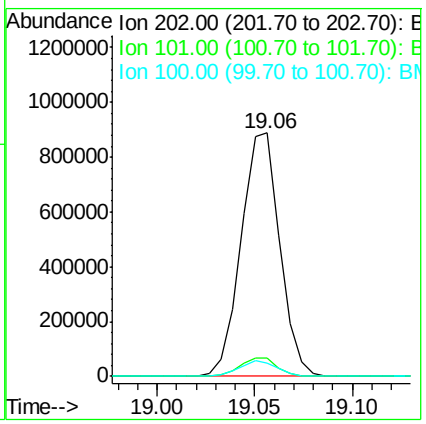


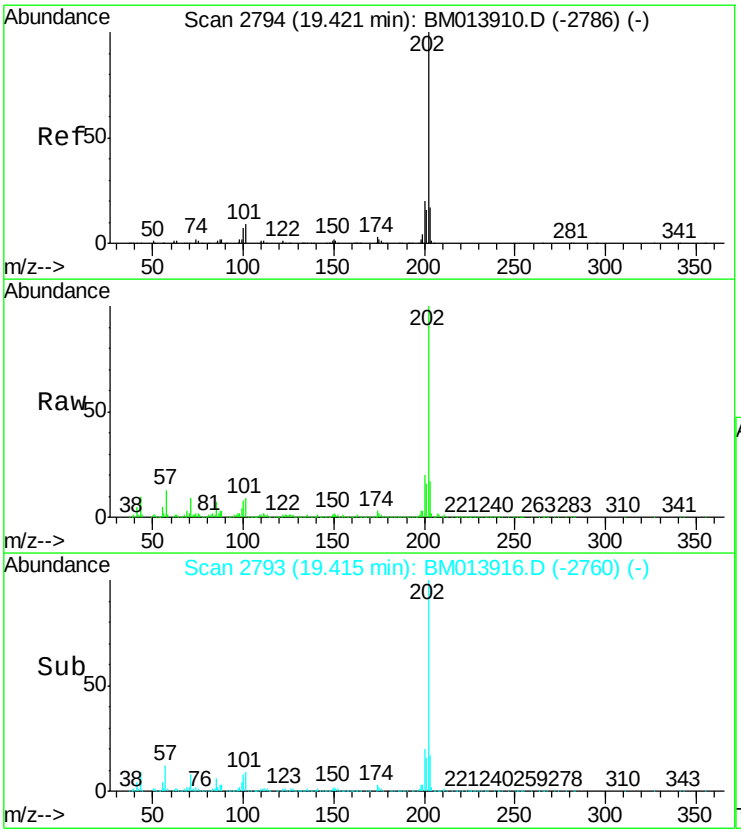
#74
Fluoranthene
Concen: 29.617 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1217281

Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.6	7.0#
100	5.6	3.4	5.2#

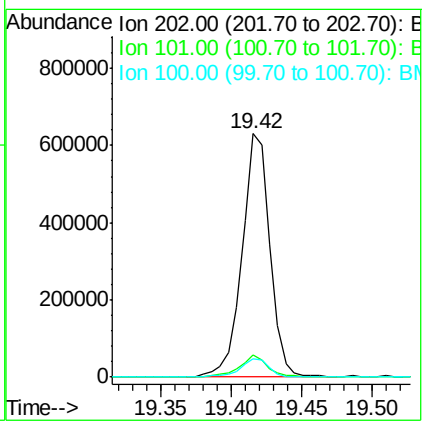


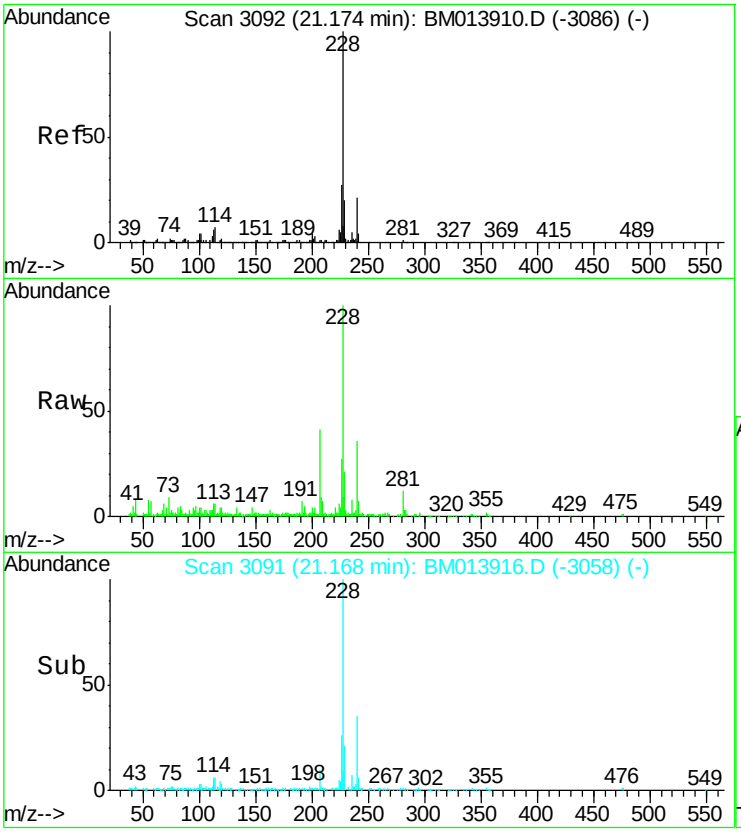


#77
Pyrene
Concen: 22.485 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:202 Resp: 867421

Ion	Ratio	Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	7.7	4.9	7.3#



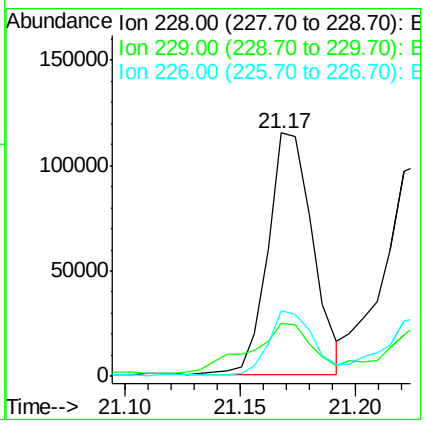


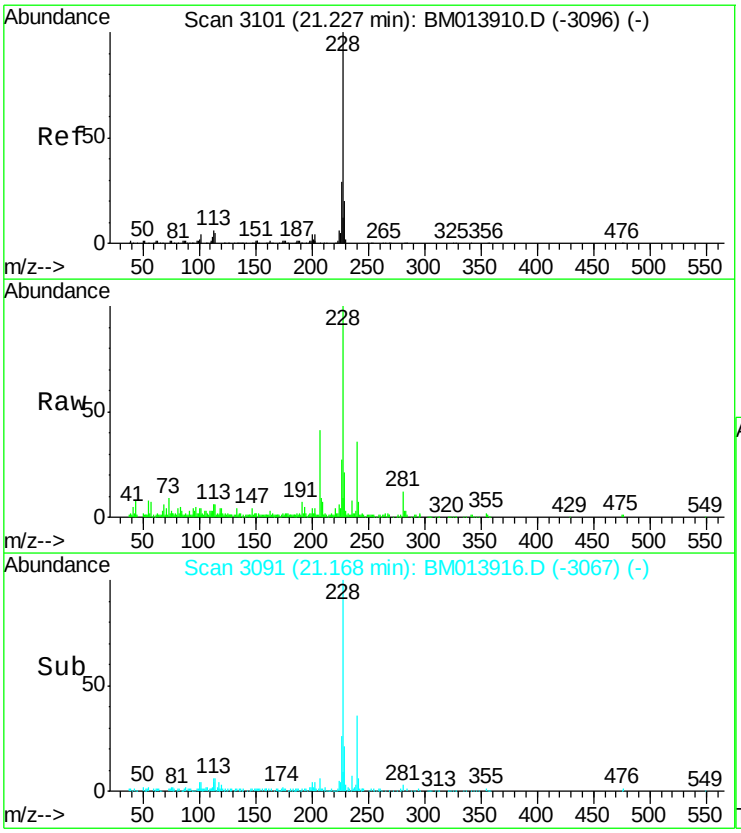
#80
Benzo(a)anthracene
Concen: 4.055 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 155486

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.0
226	26.8	21.4	32.0

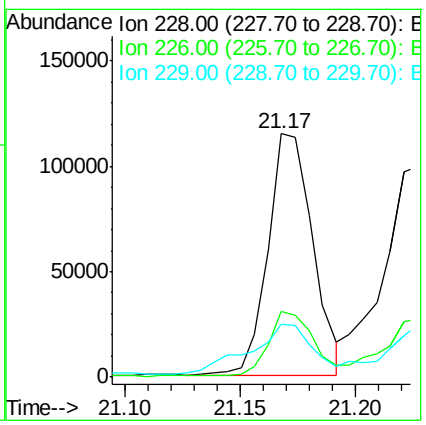


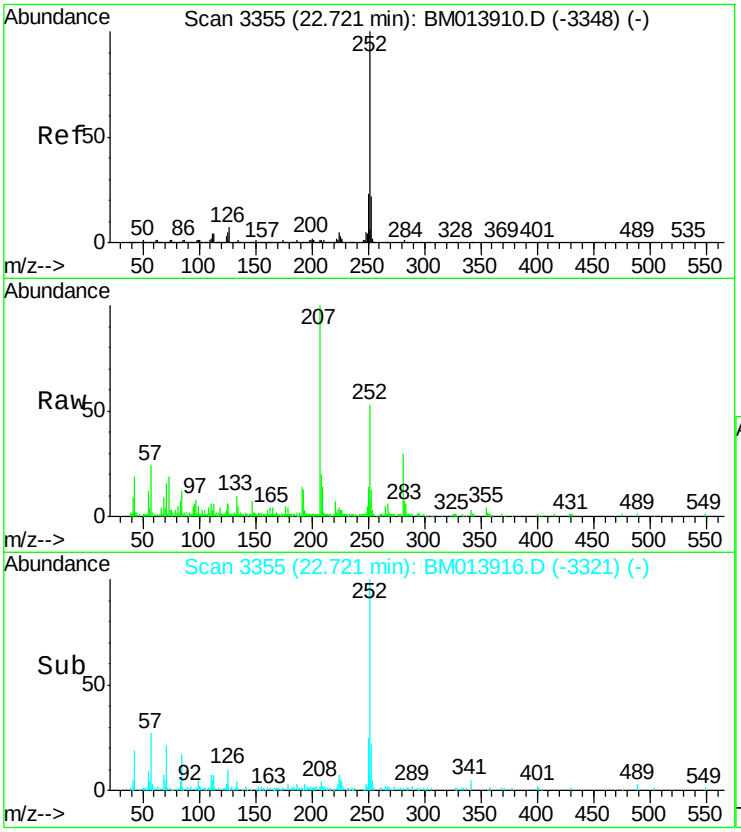


#82
Chrysene
Concen: 4.420 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:228 Resp: 155486

Ion	Ratio	Lower	Upper
228	100		
226	26.8	23.4	35.2
229	21.5	15.5	23.3



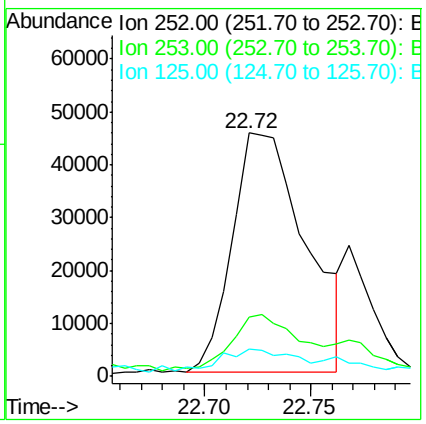


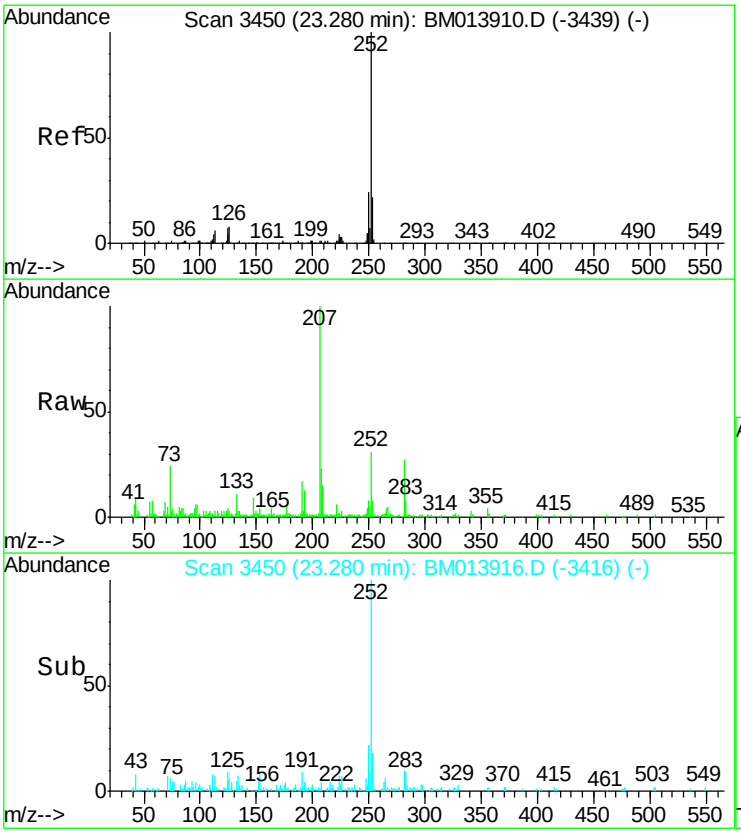
#85
Benzo(b)fluoranthene
Concen: 2.680 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 108786

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	11.2	3.6	5.4#





#88
Benzo(a)pyrene
Concen: 1.288 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion:252 Resp: 49388

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	14.1	4.0	6.0#