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

Quantitation Report (Not Reviewed)

Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

Quant Time: Jan 29 04:03:46 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	133992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	530585	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	336081	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	718645	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	733928	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	746366	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	12053	3.56	ng/uL	0.00
5) Phenol-d5	6.76	99	225852	21.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	149234	23.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	199787	23.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	182176	23.04	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	103104	25.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	110275	25.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	211009	25.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	198369	27.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	719736	25.98	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	883881	25.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	70737	15.71	ng/ul	0.00
57) Fluorene-d10	15.23	176	632105	25.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	87902	20.32	ng/ul	0.00
70) Anthracene-d10	17.09	188	944020	26.97	ng/ul	0.00
76) Pyrene-d10	19.39	212	1008409	29.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	985386	28.72	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	23779	2.30	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.29	70	6400	1.00	ng/ul#	1
28) Naphthalene	10.40	128	777513	29.46	ng/ul	99
30) 4-Chloroaniline	10.40	127	101810	14.08	ng/ul#	21
32) Caprolactam	11.37	113	4744	2.11	ng/ul	86
34) 2-Methylnaphthalene	12.02	142	1232244	62.61	ng/ul	95
40) 1,1'-Biphenyl	13.06	154	187338	6.70	ng/ul	97
44) Dimethylphthalate	13.70	163	445923	16.37	ng/ul	97
49) Acenaphthene	14.29	153	429030	19.17	ng/ul	99
53) Dibenzofuran	14.63	168	1112625	33.04	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	7665	1.09	ng/ul#	80
58) Fluorene	15.29	166	710341	25.75	ng/ul	98
68) Pentachlorophenol	16.64	266	74229	15.29	ng/ul	95
69) Phenanthrene	17.03	178	5164106	129.28	ng/ul	99
71) Anthracene	17.12	178	556364	13.50	ng/ul	96
72) Carbazole	17.40	167	81324	2.39	ng/ul#	87
74) Fluoranthene	19.06	202	3372270	70.72	ng/ul#	96
77) Pyrene	19.42	202	2108776	47.26	ng/ul#	98
80) Benzo(a)anthracene	21.17	228	500188	11.28	ng/ul	98
82) Chrysene	21.22	228	385181	9.47	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	103522	2.26	ng/ul	92
86) Benzo(k)fluoranthene	22.76	252	103522	2.34	ng/ul	94
88) Benzo(a)pyrene	23.28	252	159025	3.67	ng/ul#	90

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

Quantitation Report (Not Reviewed)

Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

Quant Time: Jan 29 04:03:46 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)
89) Indeno(1,2,3-cd)pyrene	25.56	276	55263	1.08	ng/ul#	94

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

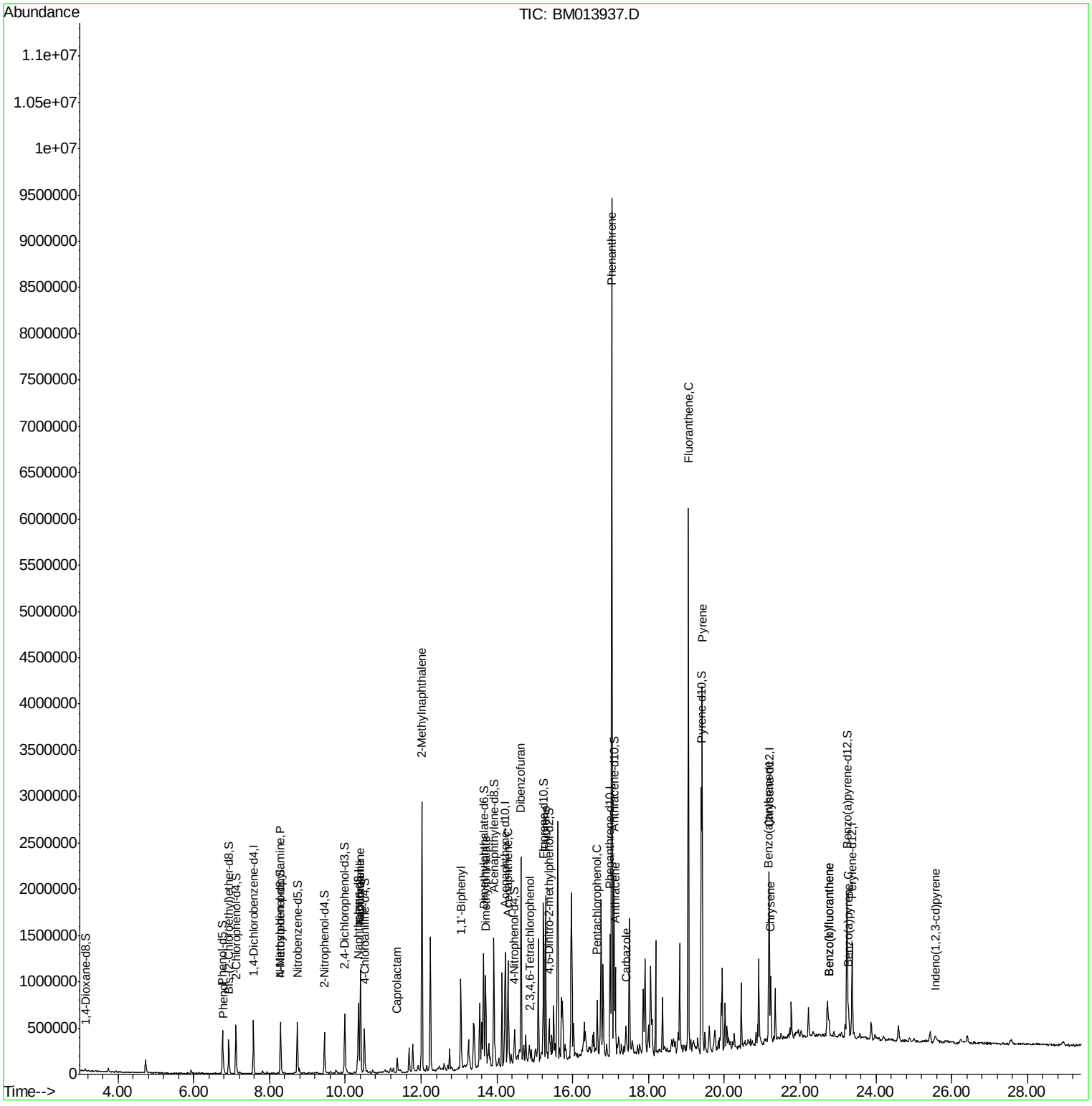
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

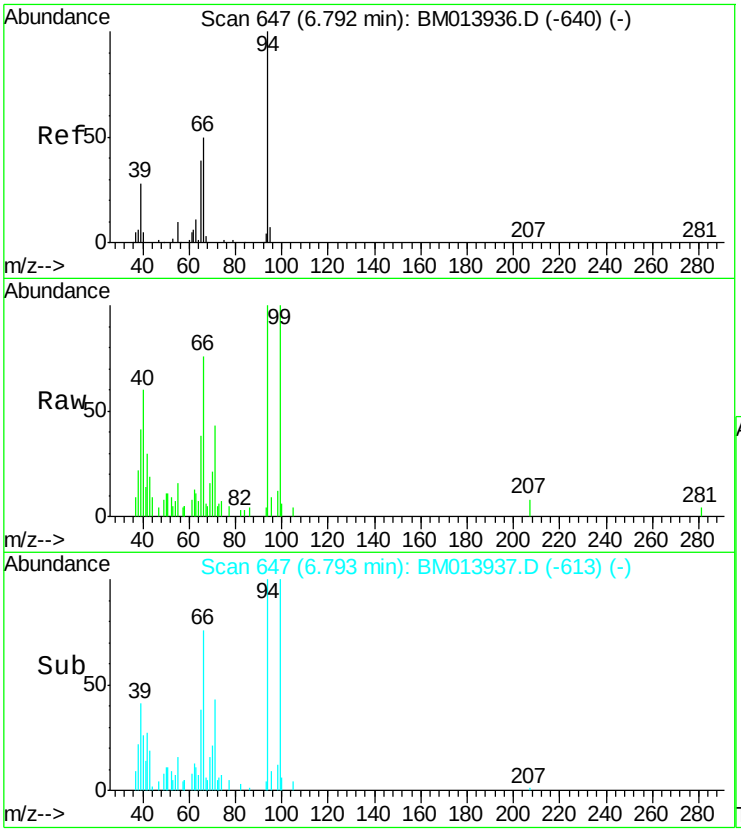
Quantitation Report (Not Reviewed)

Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B19

Quant Time: Jan 29 04:03:46 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



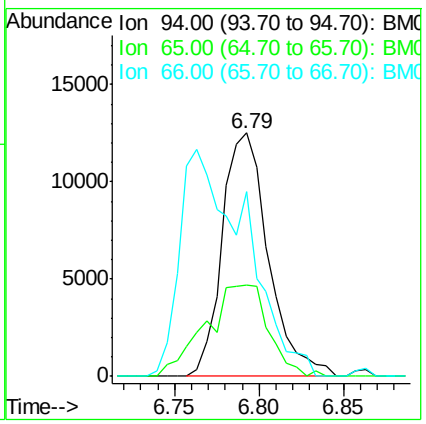


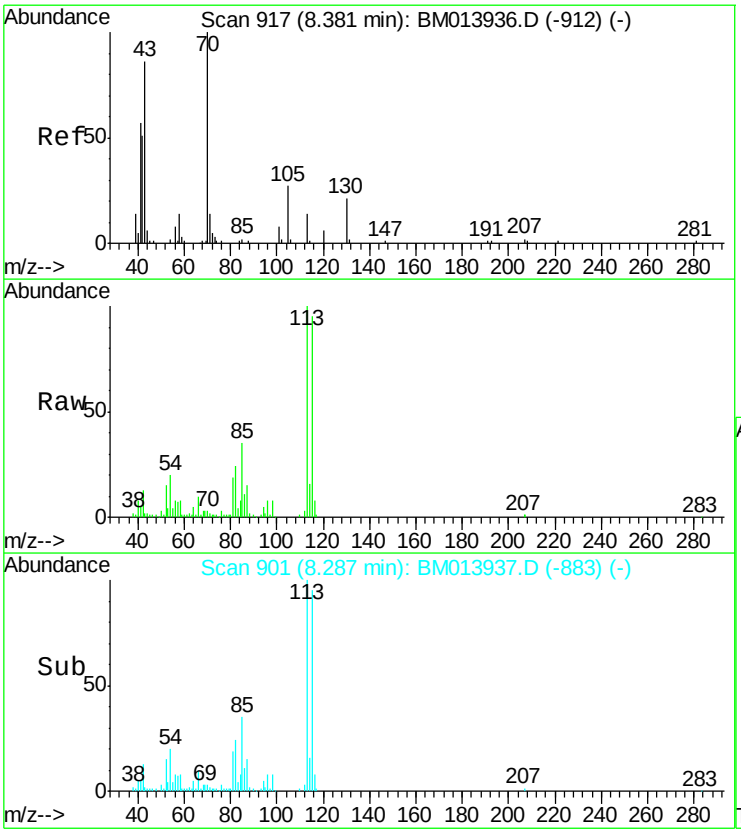
#6
Phenol
Concen: 2.30 ng/ul
RT: 6.79 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion: 94 Resp: 23779

Ion	Ratio	Lower	Upper
94	100		
65	37.5	28.2	42.4
66	75.7	47.2	70.8#

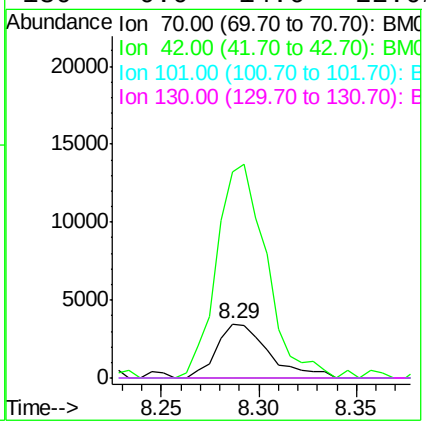


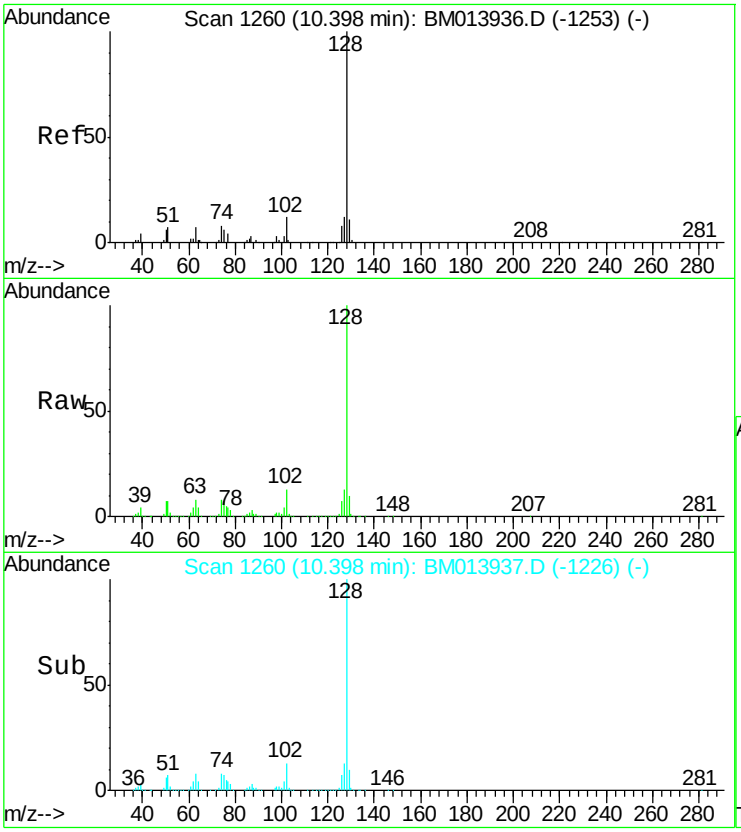


#15
N-Nitroso-di-n-propylamine
Concen: 1.00 ng/ul
RT: 8.29 min Scan# 901
Delta R.T. -0.09 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion: 70 Resp: 6400

Ion	Ratio	Lower	Upper
70	100		
42	379.7	76.0	114.0#
101	0.0	6.7	10.1#
130	0.0	14.6	22.0#



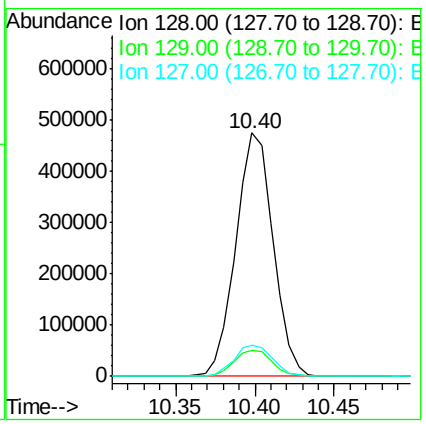


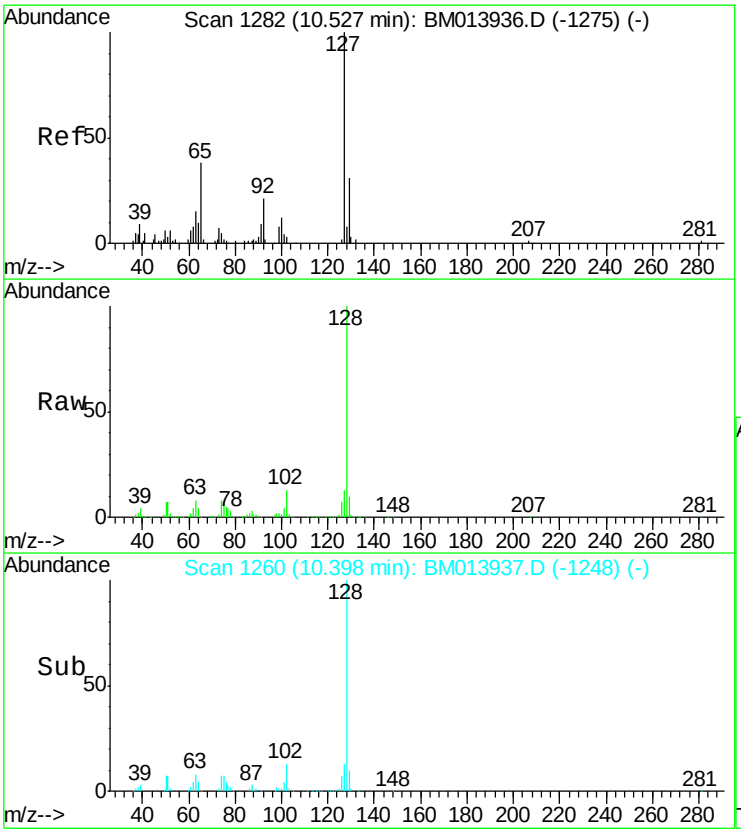
#28
Naphthalene
Concen: 29.46 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:128 Resp: 777513

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.8	10.6	16.0

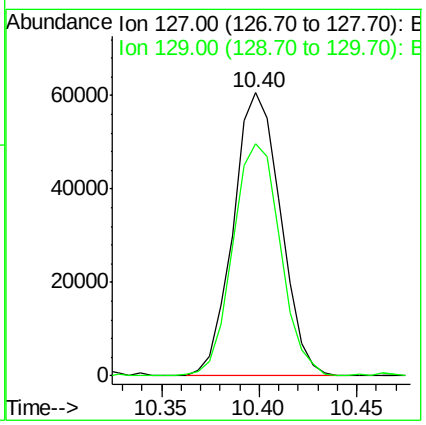


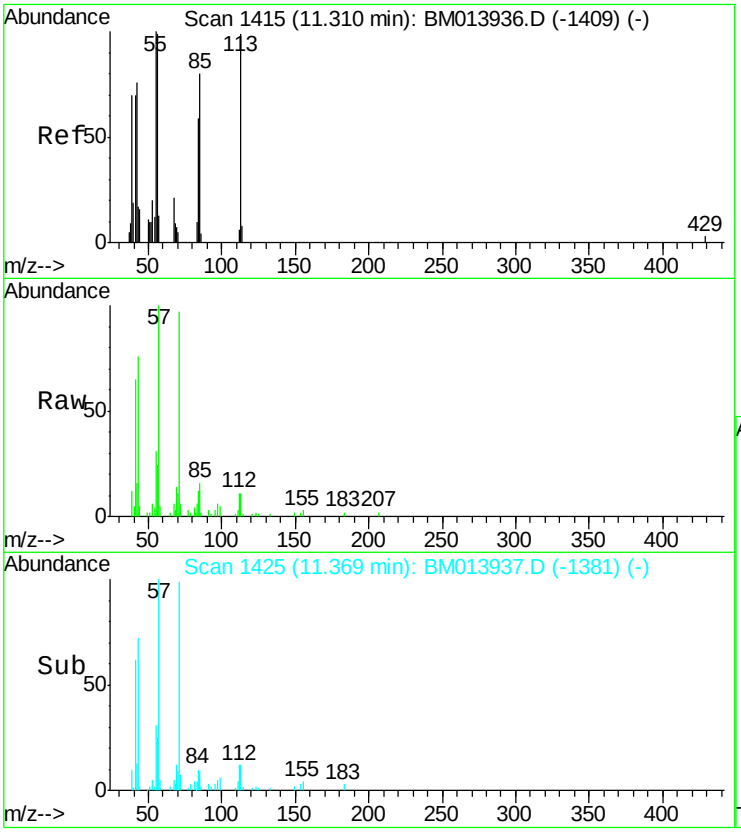


#30
4-Chloroaniline
Concen: 14.08 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.13 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:127 Resp: 101810

Ion	Ratio	Lower	Upper
127	100		
129	81.8	28.4	42.6#



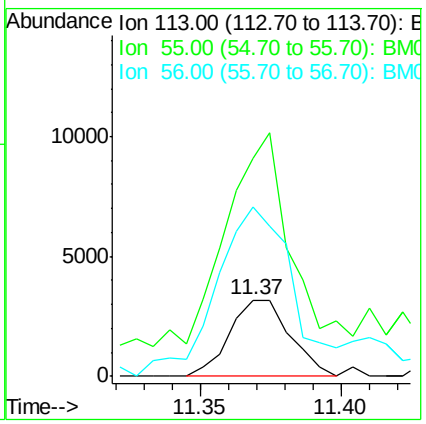


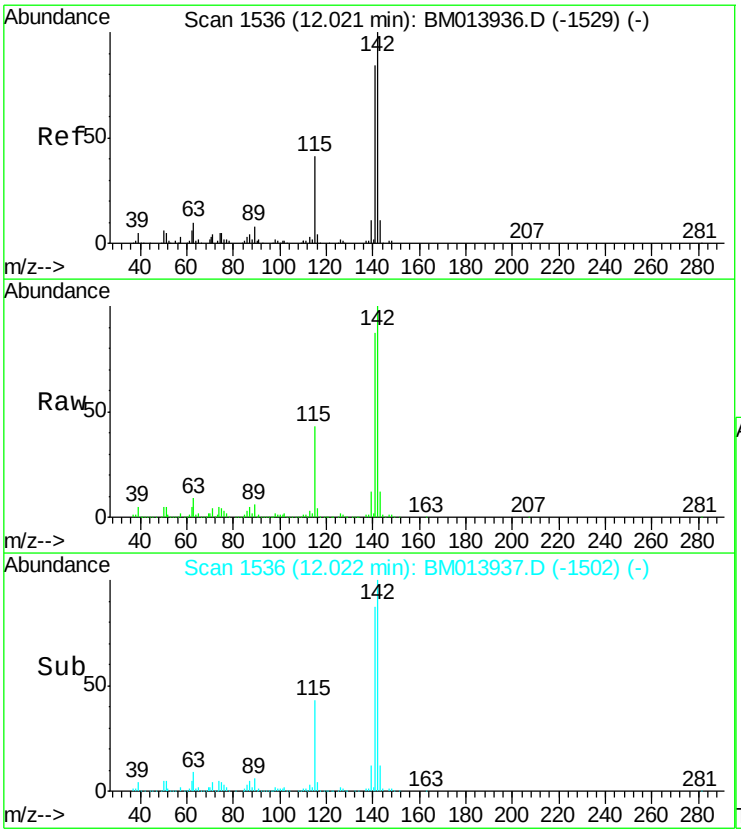
#32
Caprolactam
Concen: 2.11 ng/ul
RT: 11.37 min Scan# 1425
Delta R.T. 0.06 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:113 Resp: 4744

Ion	Ratio	Lower	Upper
113	100		
55	285.1	208.0	312.0
56	222.0	160.0	240.0

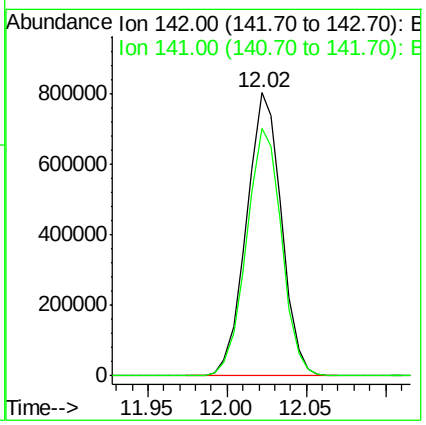


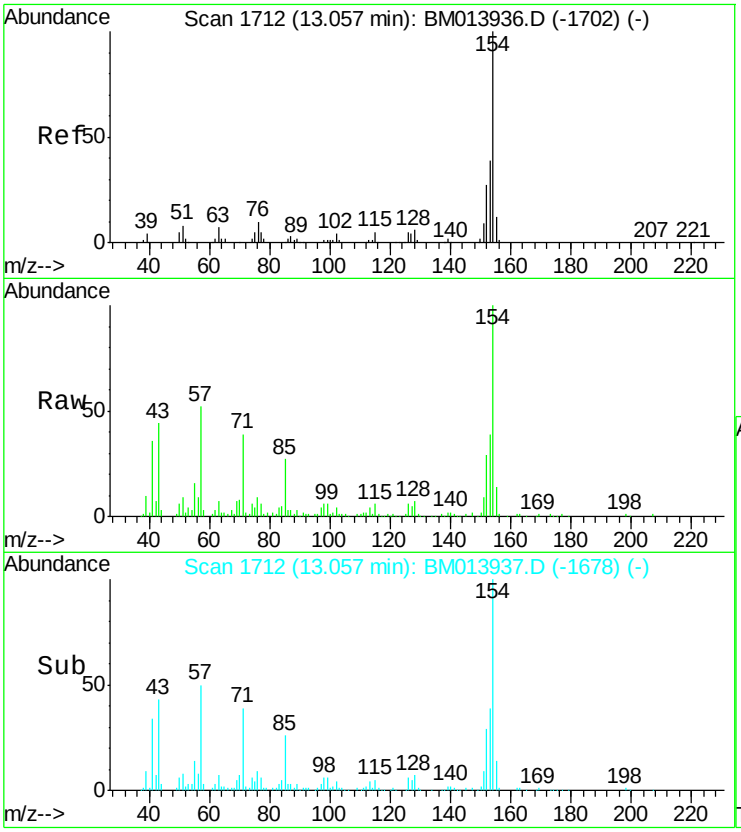


#34
2-Methylnaphthalene
Concen: 62.61 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:142 Resp: 1232244

Ion	Ratio	Lower	Upper
142	100		
141	87.4	74.1	111.1



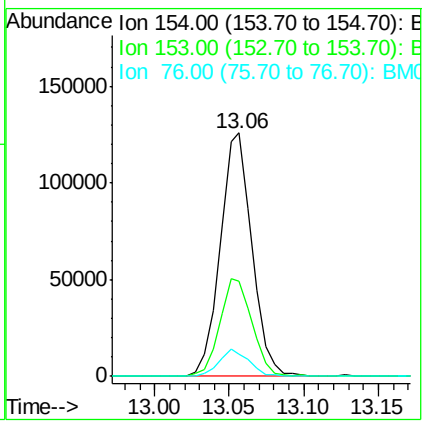


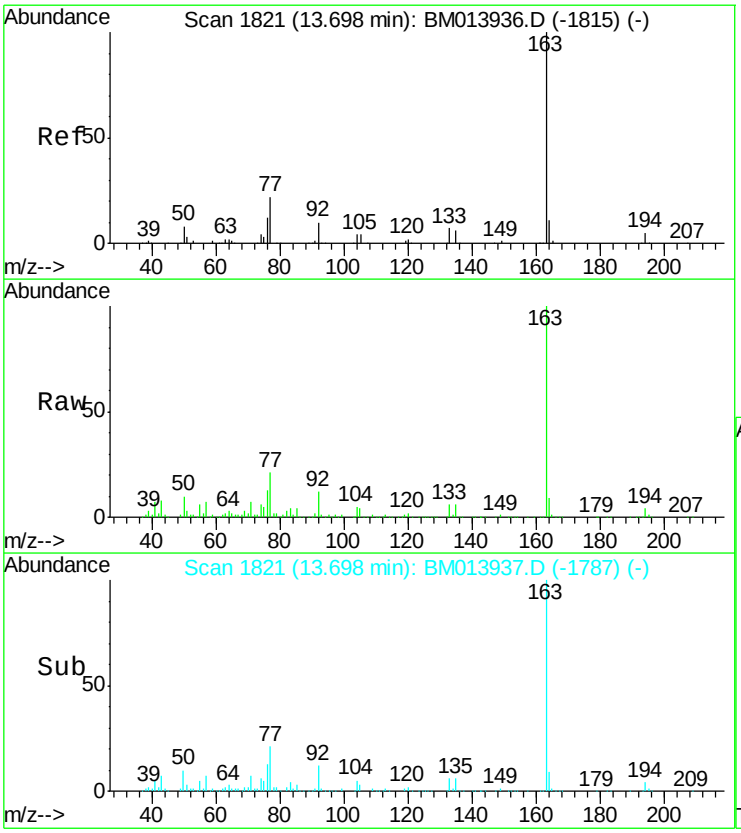
#40
1,1'-Biphenyl
Concen: 6.70 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:154 Resp: 187338

Ion	Ratio	Lower	Upper
154	100		
153	39.0	32.6	48.8
76	9.2	8.5	12.7

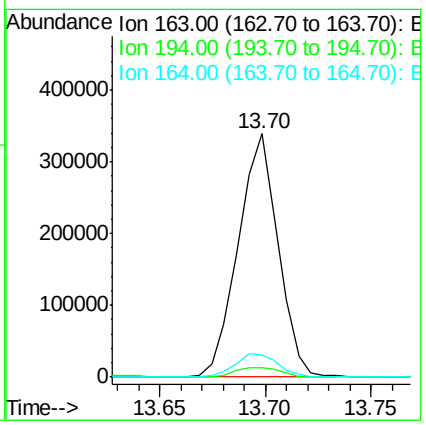


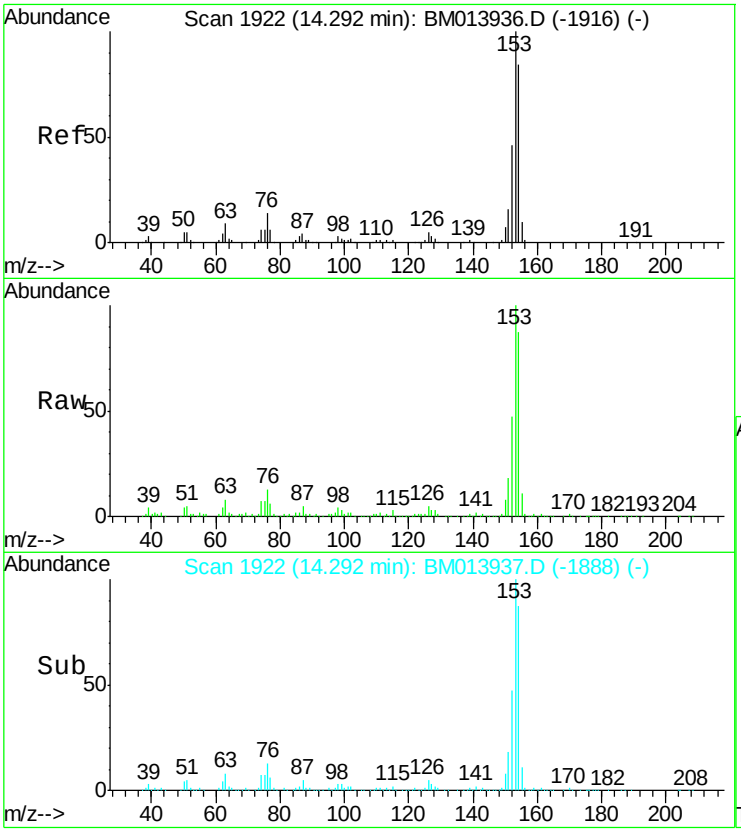


#44
Dimethylphthalate
Concen: 16.37 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:163 Resp: 445923

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	8.9	8.2	12.4



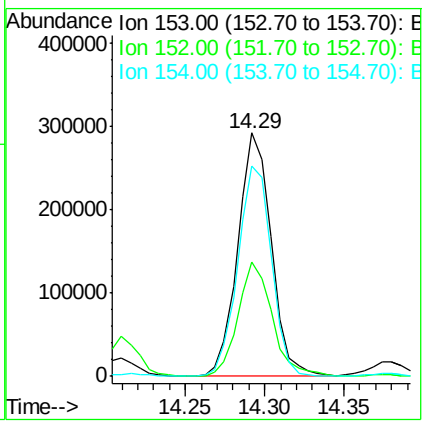


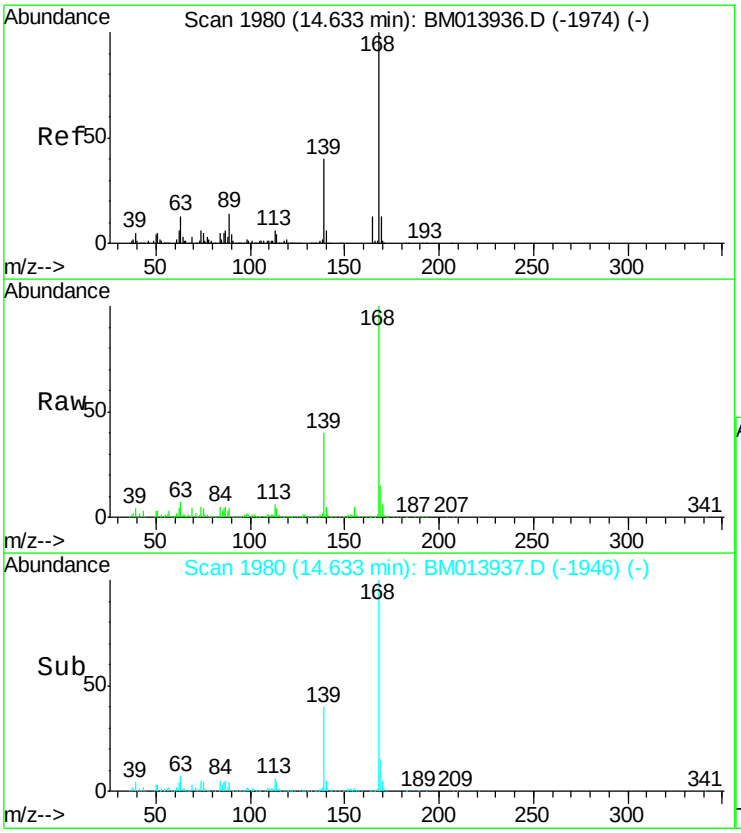
#49
Acenaphthene
Concen: 19.17 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:153 Resp: 429030

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.6	56.4
154	86.6	70.4	105.6

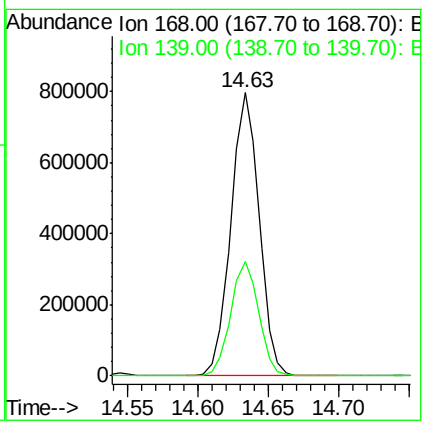


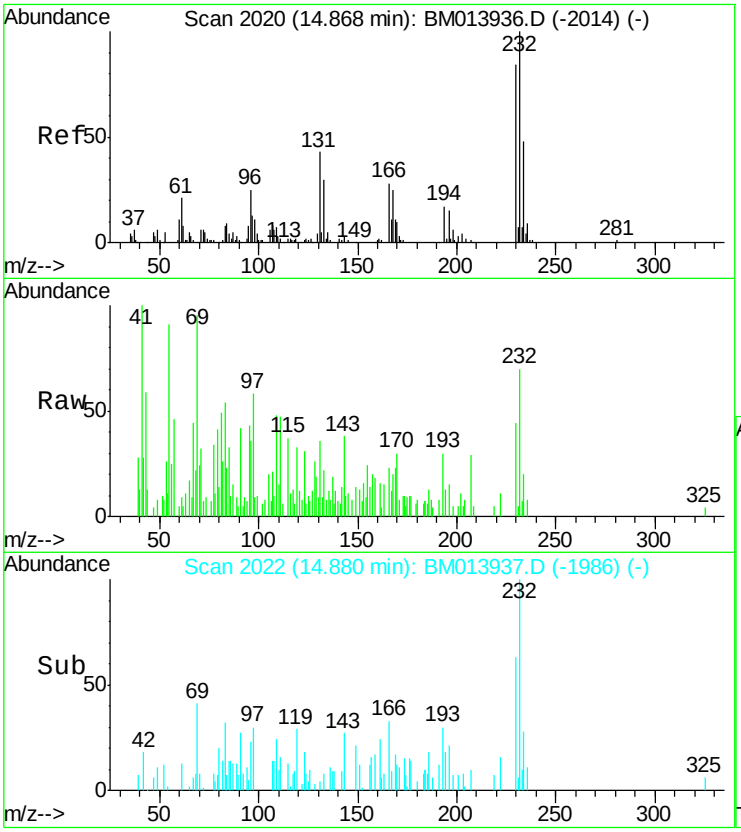


#53
Dibenzofuran
Concen: 33.04 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:168 Resp: 1112625

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.8	46.2



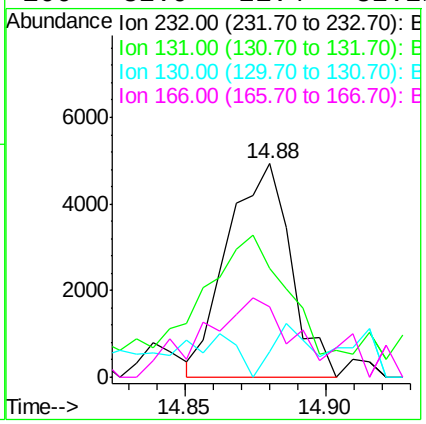


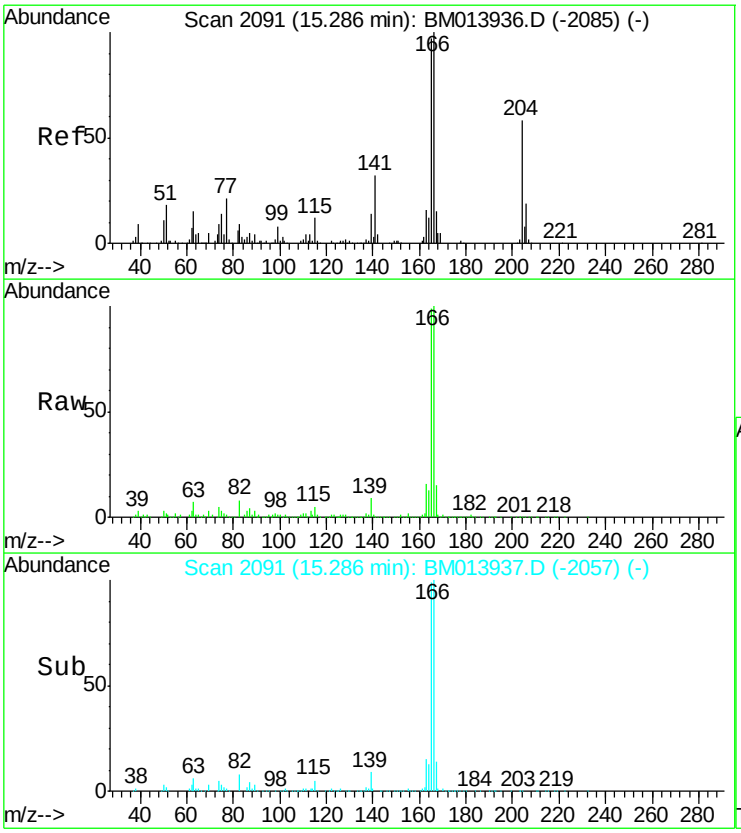
#55
2,3,4,6-Tetrachlorophenol
Concen: 1.09 ng/ul
RT: 14.88 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:232 Resp: 7665

Ion	Ratio	Lower	Upper
232	100		
131	51.0	29.0	43.4#
130	12.2	2.0	3.0#
166	32.9	21.4	32.2#

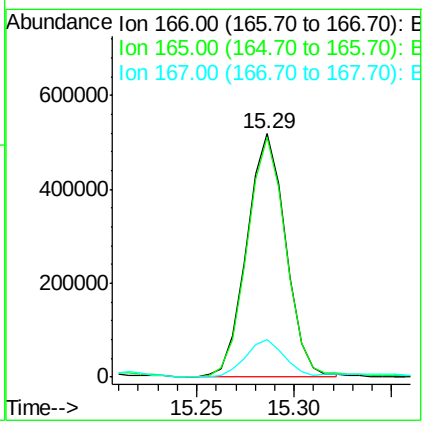


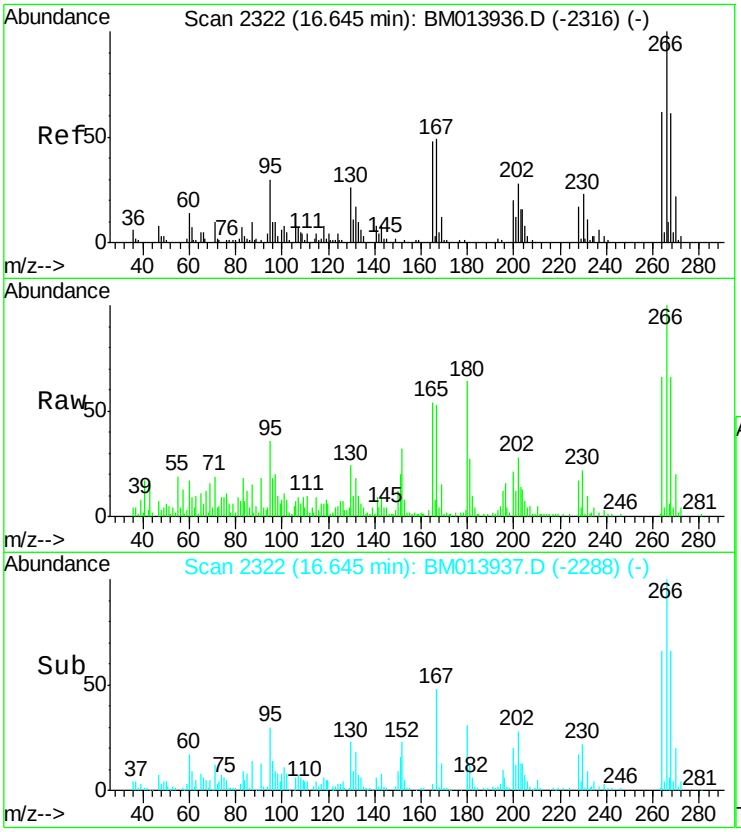


#58
Fluorene
Concen: 25.75 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:166 Resp: 710341

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.9	116.9
167	15.3	10.6	16.0



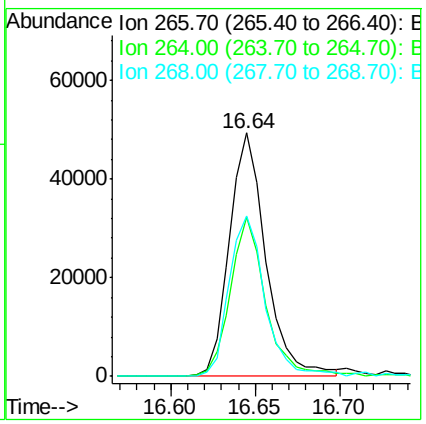


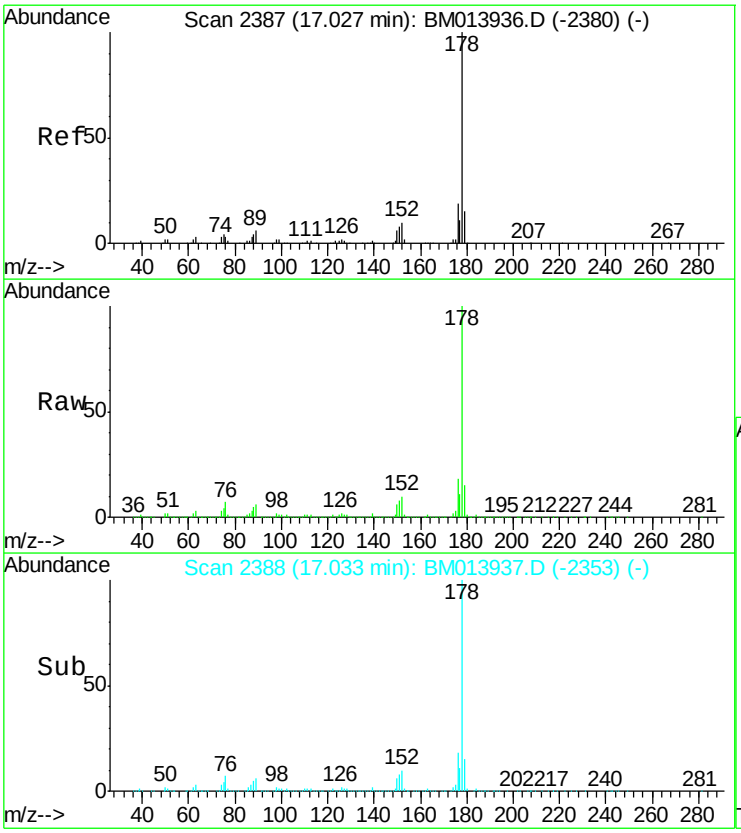
#68
Pentachlorophenol
Concen: 15.29 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:266 Resp: 74229

Ion	Ratio	Lower	Upper
266	100		
264	69.9	49.3	73.9
268	65.9	52.6	78.8

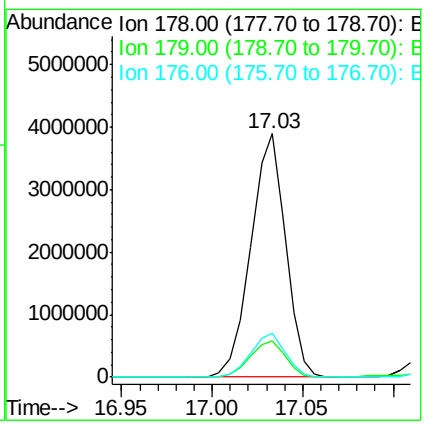


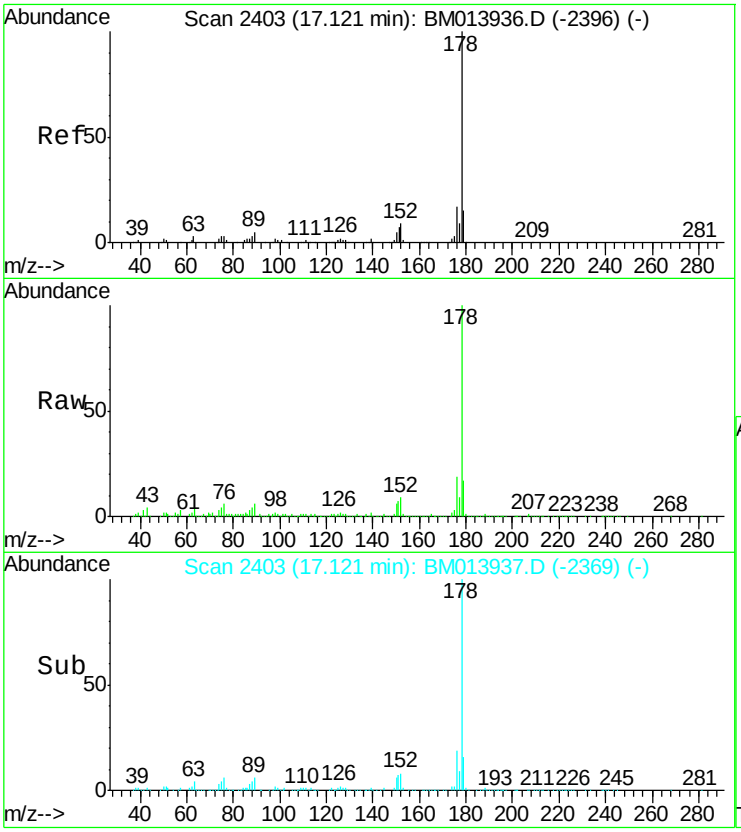


#69
Phenanthrene
Concen: 129.28 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:178 Resp: 5164106

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.2	14.9	22.3



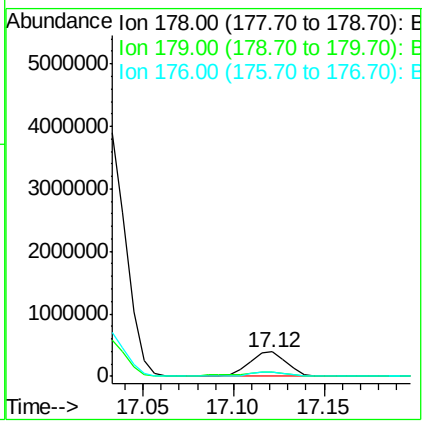


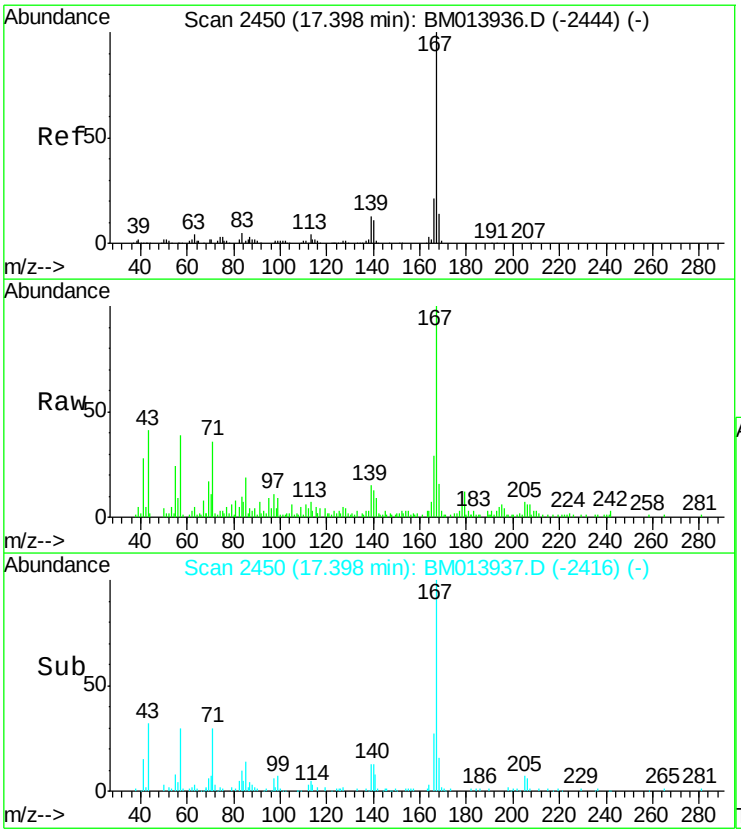
#71
Anthracene
Concen: 13.50 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:178 Resp: 556364

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	19.3	14.6	21.8

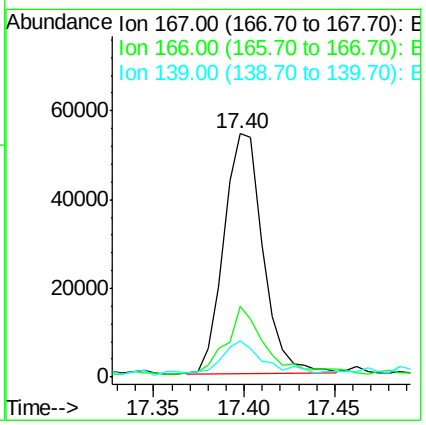


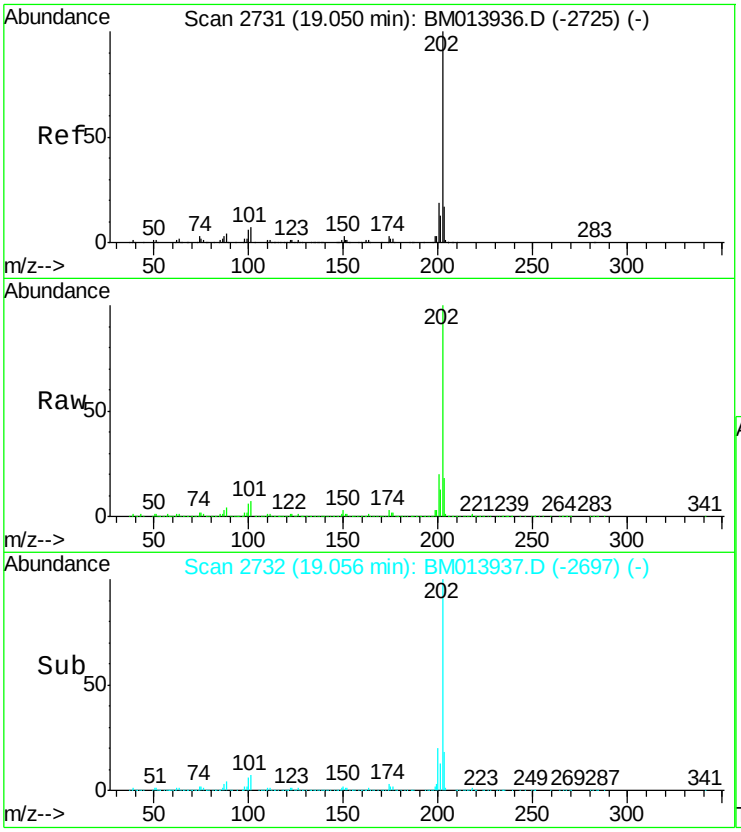


#72
Carbazole
Concen: 2.39 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:167 Resp: 81324

Ion	Ratio	Lower	Upper
167	100		
166	29.2	17.1	25.7#
139	15.1	10.0	15.0#



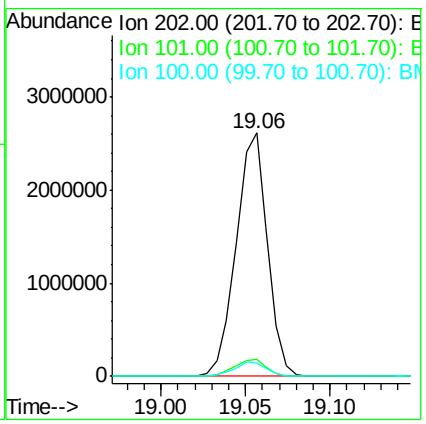


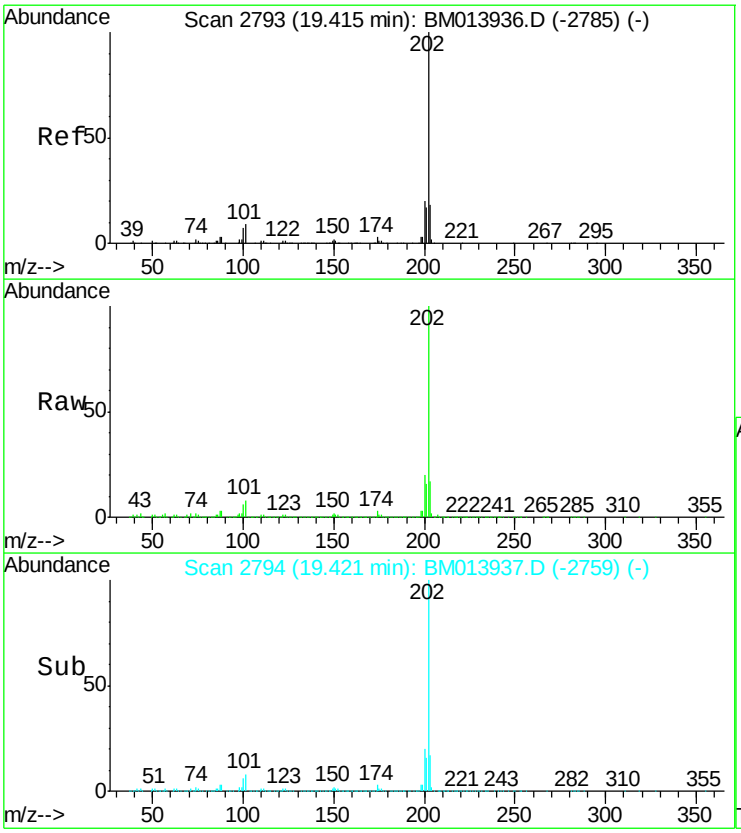
#74
Fluoranthene
Concen: 70.72 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:202 Resp: 3372270

Ion	Ratio	Lower	Upper
202	100		
101	7.1	4.6	7.0#
100	5.7	3.4	5.2#

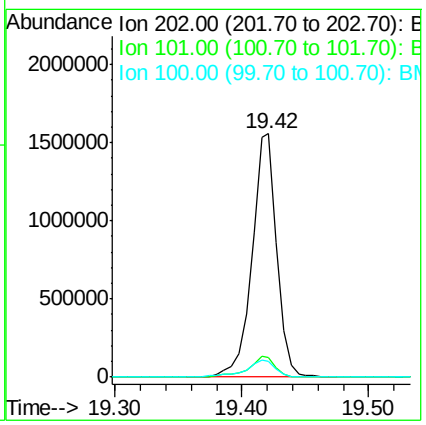


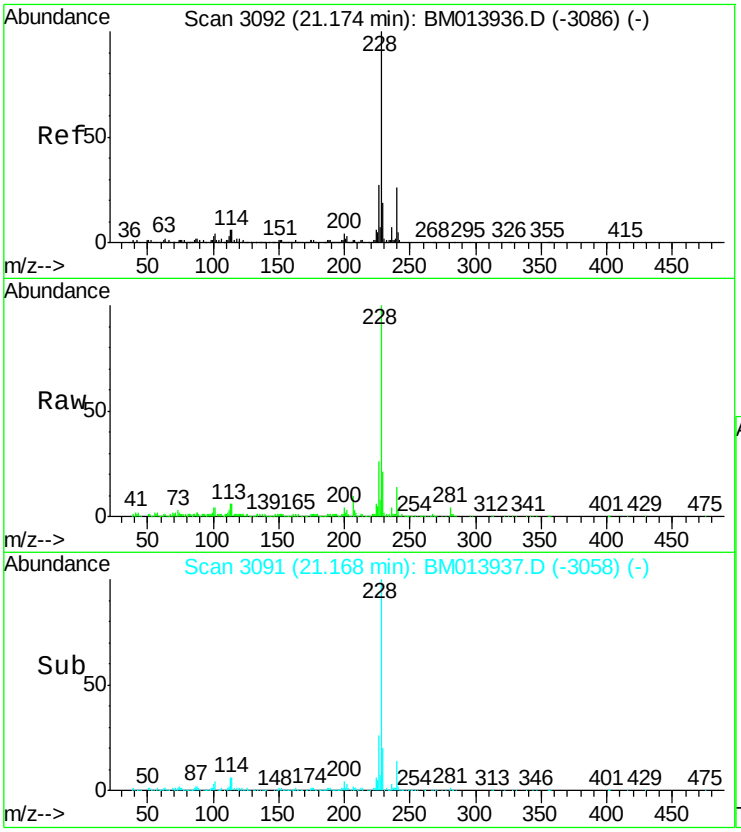


#77
Pyrene
Concen: 47.26 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:202 Resp: 2108776

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.1	7.7#
100	6.3	4.9	7.3



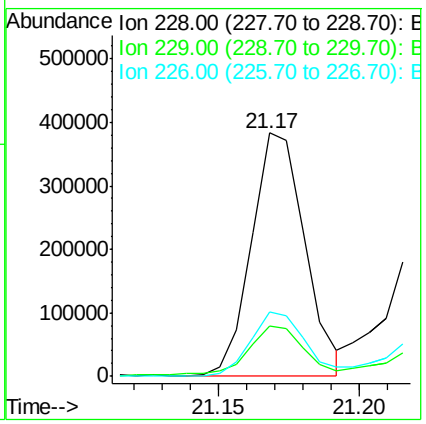


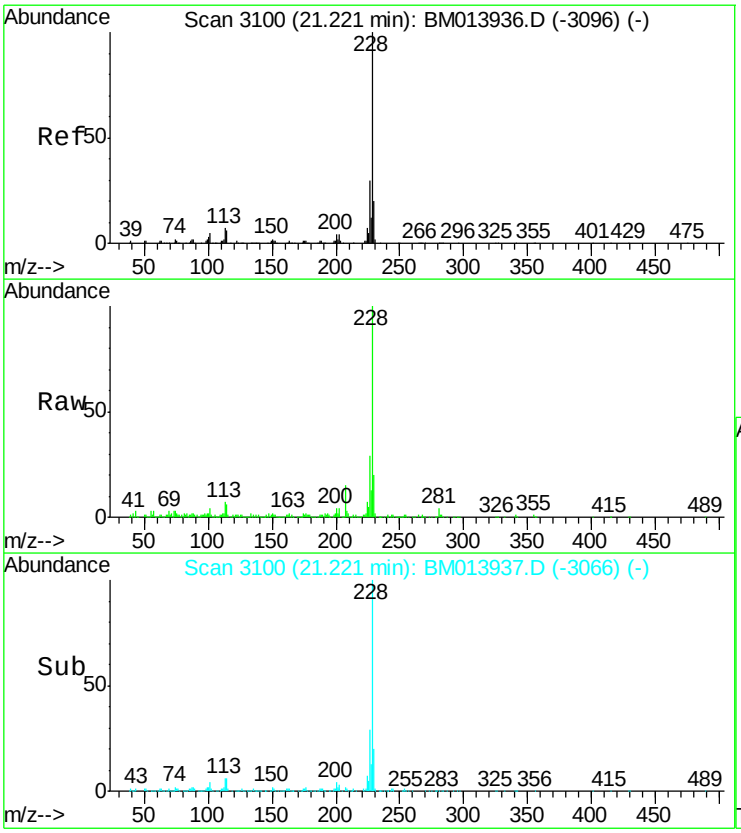
#80
Benzo(a)anthracene
Concen: 11.28 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:228 Resp: 500188

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	26.5	21.4	32.0

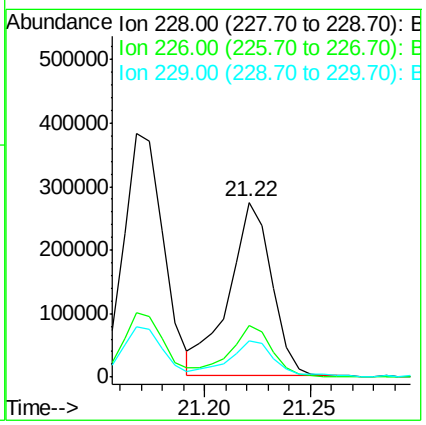


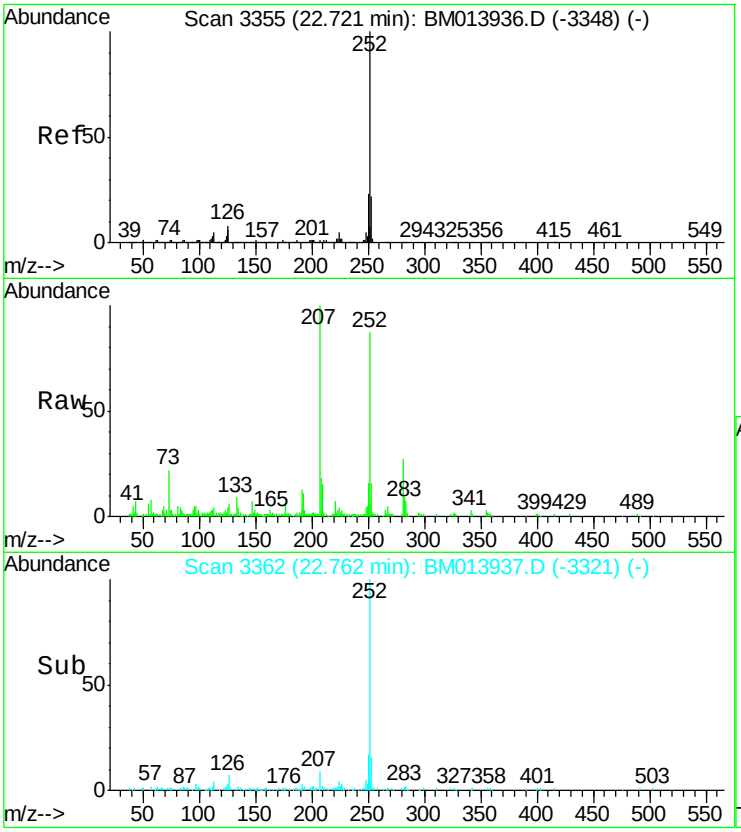


#82
Chrysene
Concen: 9.47 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:228 Resp: 385181

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	20.5	15.5	23.3



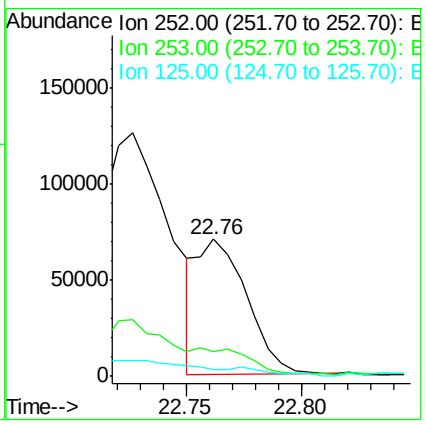


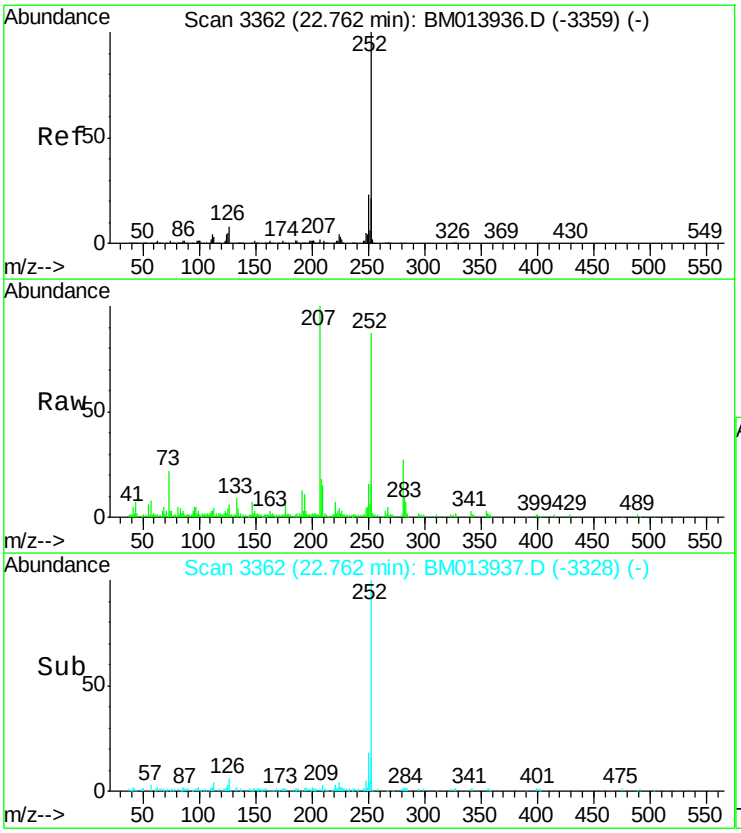
#85
Benzo(b)fluoranthene
Concen: 2.26 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.04 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:252 Resp: 103522

Ion	Ratio	Lower	Upper
252	100		
253	18.0	17.9	26.9
125	5.1	3.6	5.4

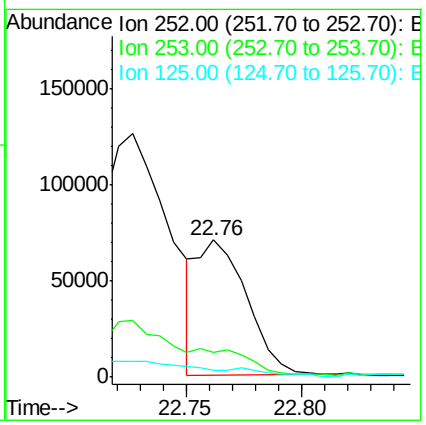


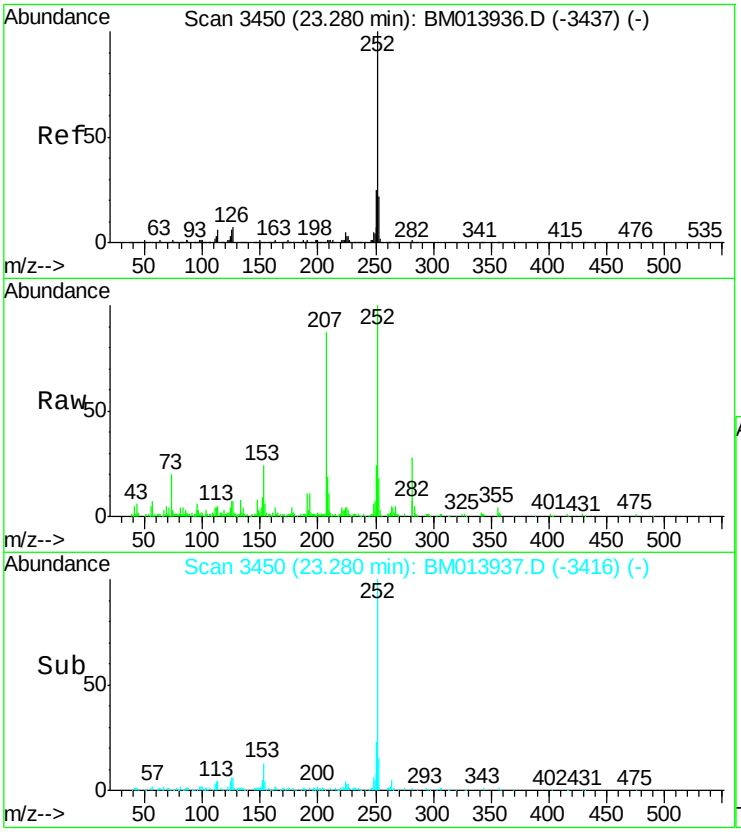


#86
Benzo(k)fluoranthene
Concen: 2.34 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:252 Resp: 103522

Ion	Ratio	Lower	Upper
252	100		
253	18.0	17.1	25.7
125	5.1	3.4	5.2



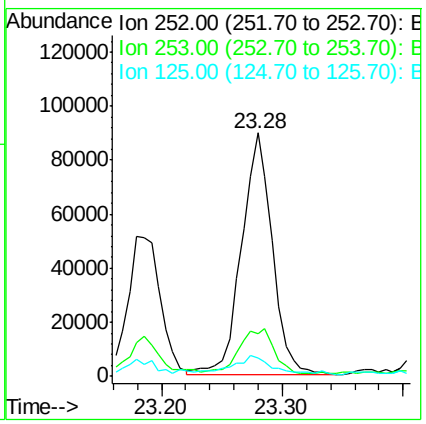


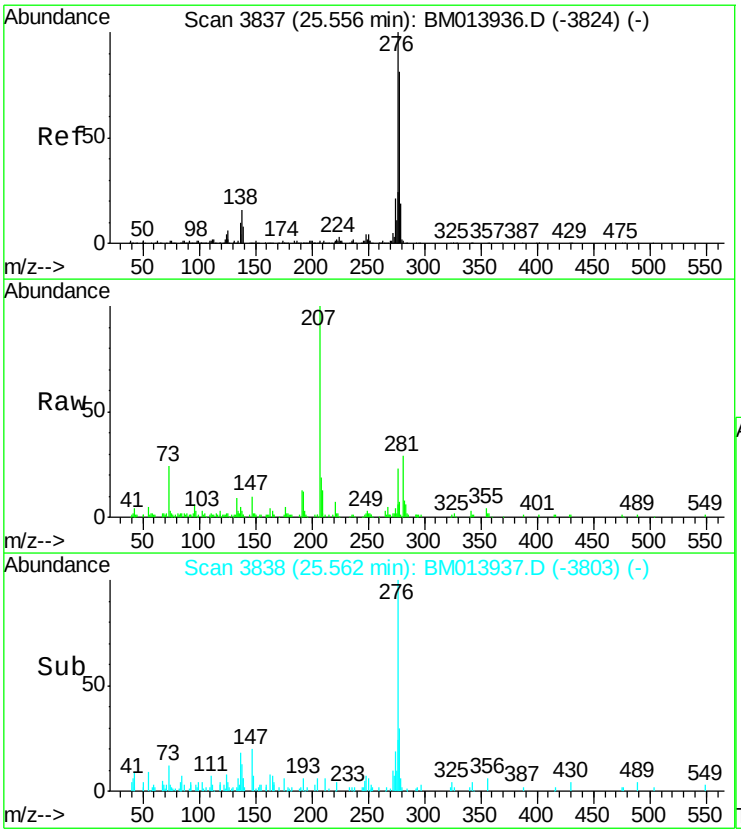
#88
Benzo(a)pyrene
Concen: 3.67 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tgt Ion:252 Resp: 159025

Ion	Ratio	Lower	Upper
252	100		
253	17.7	18.2	27.2#
125	7.4	4.0	6.0#





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.08 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. 0.01 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:276 Resp: 55263

Ion	Ratio	Lower	Upper
276	100		
138	17.6	9.3	13.9#
277	24.4	19.9	29.9