Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 30 12:09:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	101689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	409160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	258254	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	652920	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	793767	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	808606	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	1320	0.51	ng/uL	0.00
5) Phenol-d5	6.77	99	28232	3.62	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	16587	3.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	24733	3.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	17878	2.98	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	11550	3.64	ng/ul	0.01
22) 2-Nitrophenol-d4	9.45	143	13407	4.00	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	18864	2.91	ng/ul	0.03
29) 4-Chloroaniline-d4	10.52	131	20427	3.63	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	101887	4.79	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	123772	4.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	222	0.06	ng/ul	0.00
57) Fluorene-d10	15.22	176	96516	5.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	6294	1.60	ng/ul	0.02
70) Anthracene-d10	17.07	188	151392	4.76	ng/ul	0.00
76) Pyrene-d10	19.38	212	191220	5.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	189948	5.11	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.39	128	545639	26.805	ng/ul	98
30) 4-Chloroaniline	10.39	127	71213	12.772	ng/ul#	34
34) 2-Methylnaphthalene	12.01	142	493943	32.547	ng/ul	94
40) 1,1'-Biphenyl	13.05	154	90911	4.229	ng/ul#	97
44) Dimethylphthalate	13.69	163	30041	1.435	ng/ul#	95
49) Acenaphthene	14.29	153	227054	13.201	ng/ul	96
53) Dibenzofuran	14.63	168	393507	15.208	ng/ul	94
58) Fluorene	15.28	166	225559	10.642	ng/ul	97
68) Pentachlorophenol	16.64	266	19204	4.354	ng/ul	97
69) Phenanthrene	17.02	178	1782788	49.122	ng/ul	99
71) Anthracene	17.11	178	235116	6.281	ng/ul	97
72) Carbazole	17.40	167	33929	1.098	ng/ul#	87
74) Fluoranthene	19.04	202	1363409	31.471	ng/ul#	96
77) Pyrene	19.41	202	856674	17.753	ng/ul#	97
80) Benzo(a)anthracene	21.16	228	207572	4.328	ng/ul	95
82) Chrysene	21.22	228	160621	3.650	ng/ul	95
85) Benzo(b)fluoranthene	22.72	252	116605	2.348	ng/ul#	95
88) Benzo(a)pyrene	23.27	252	54792	1.168	ng/ul#	92

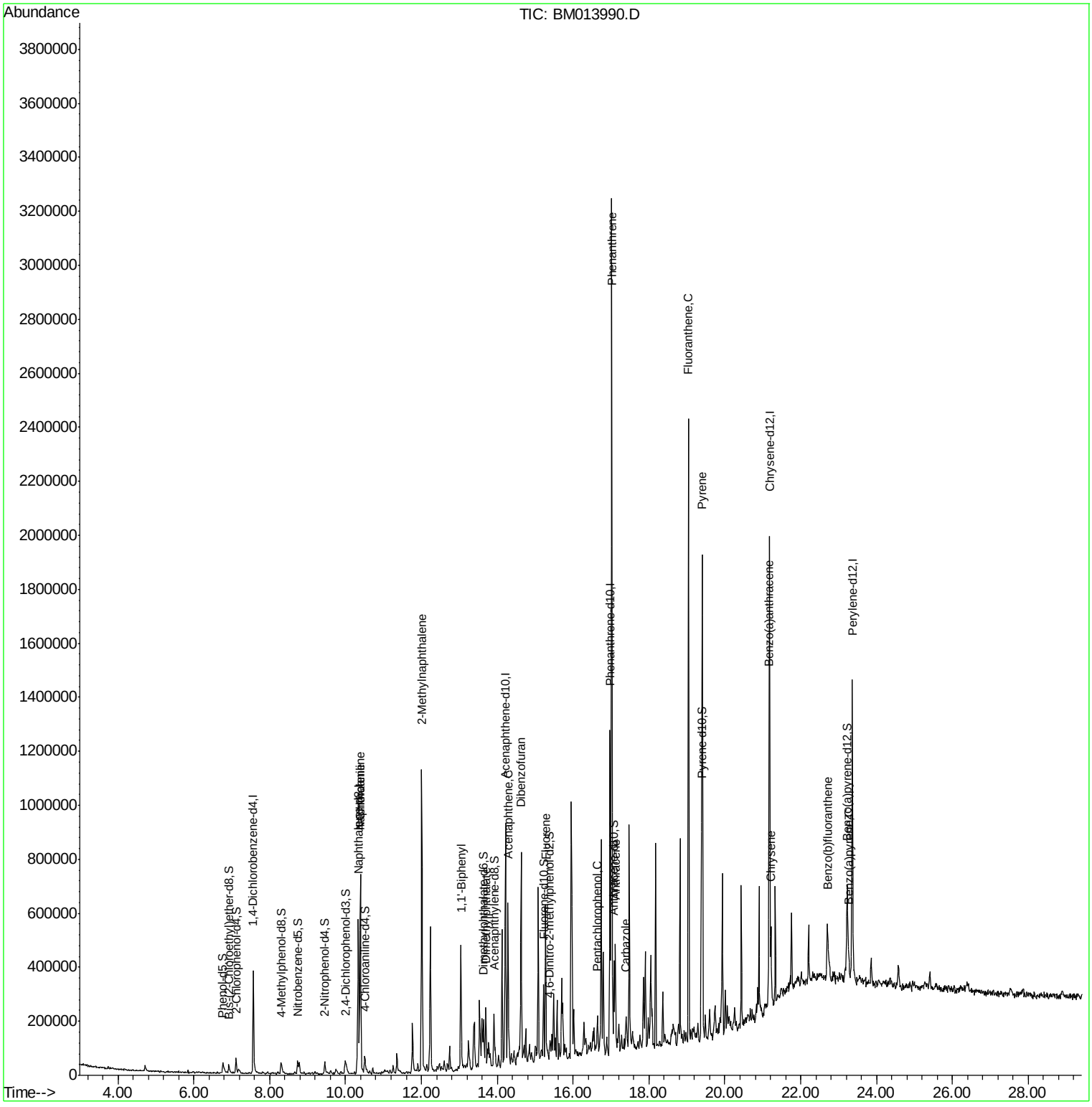
(#) = qualifier out of range (m) = manual integration (+) = signals summed

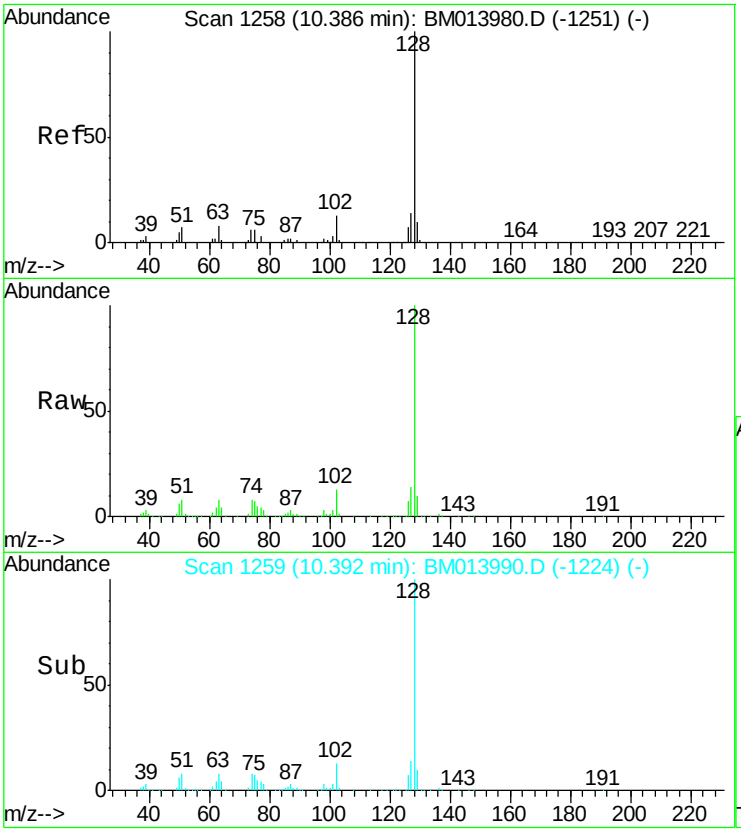
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 30 12:09:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration



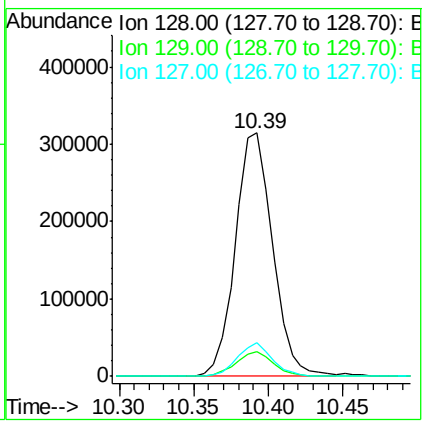


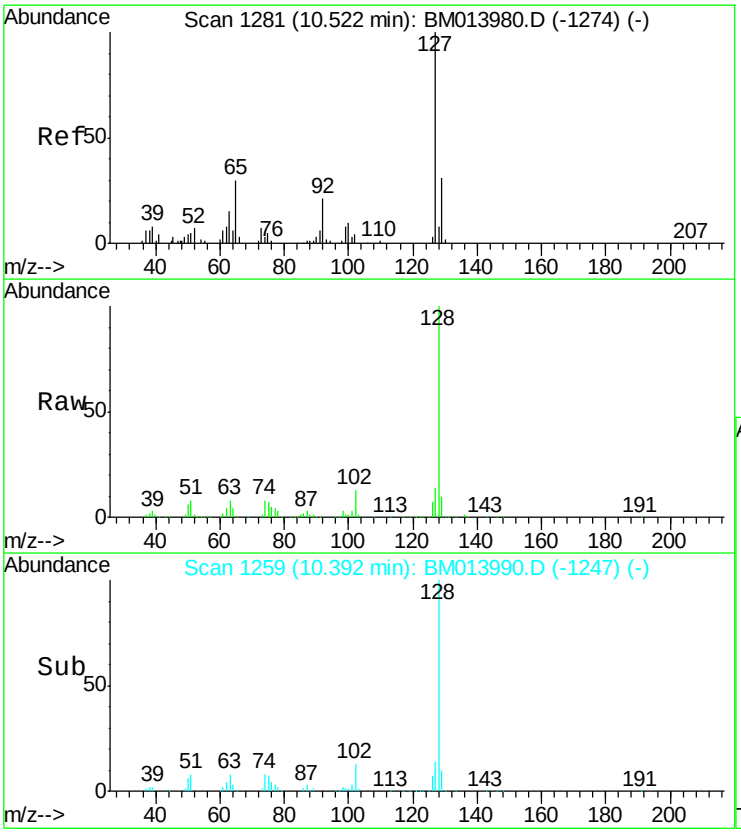
#28
Naphthalene
Concen: 26.805 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 545639

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	13.9	10.6	16.0

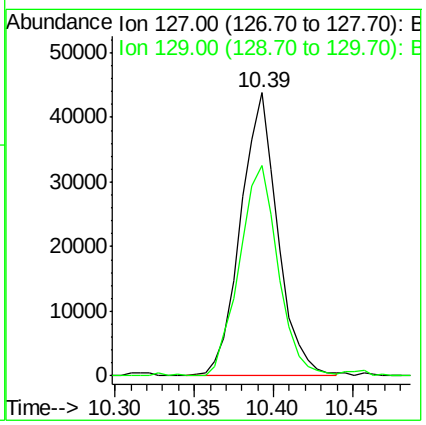


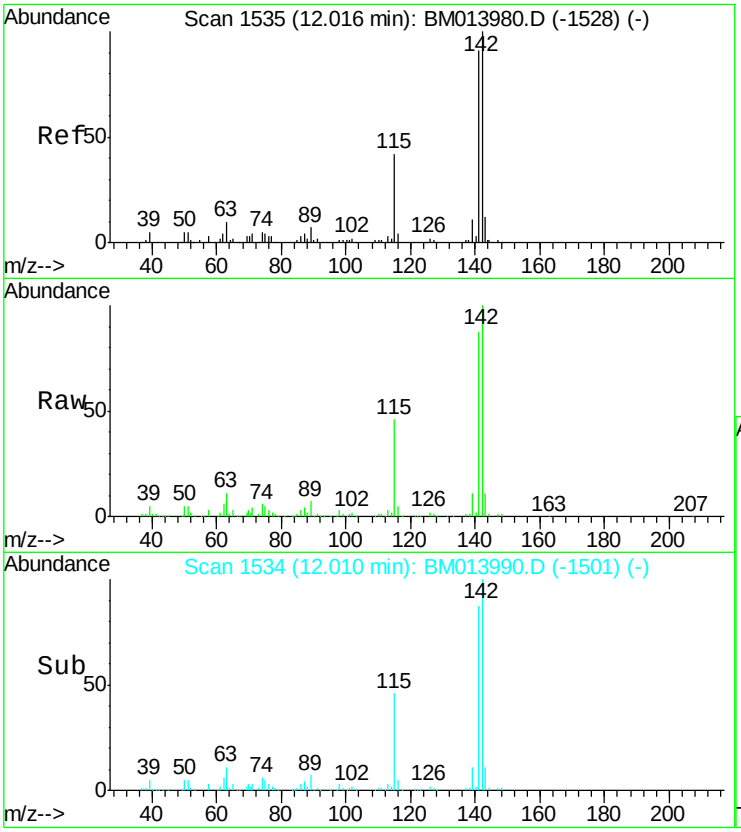


#30
4-Chloroaniline
Concen: 12.772 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.13 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:127 Resp: 71213

Ion	Ratio	Lower	Upper
127	100		
129	74.3	28.4	42.6#



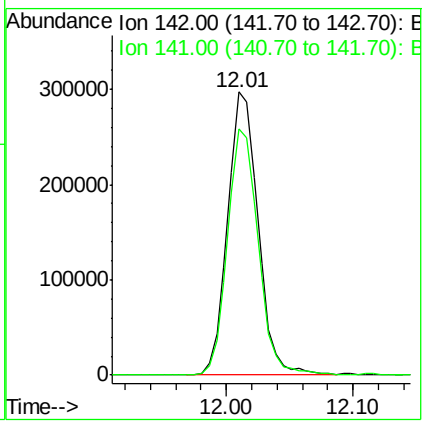


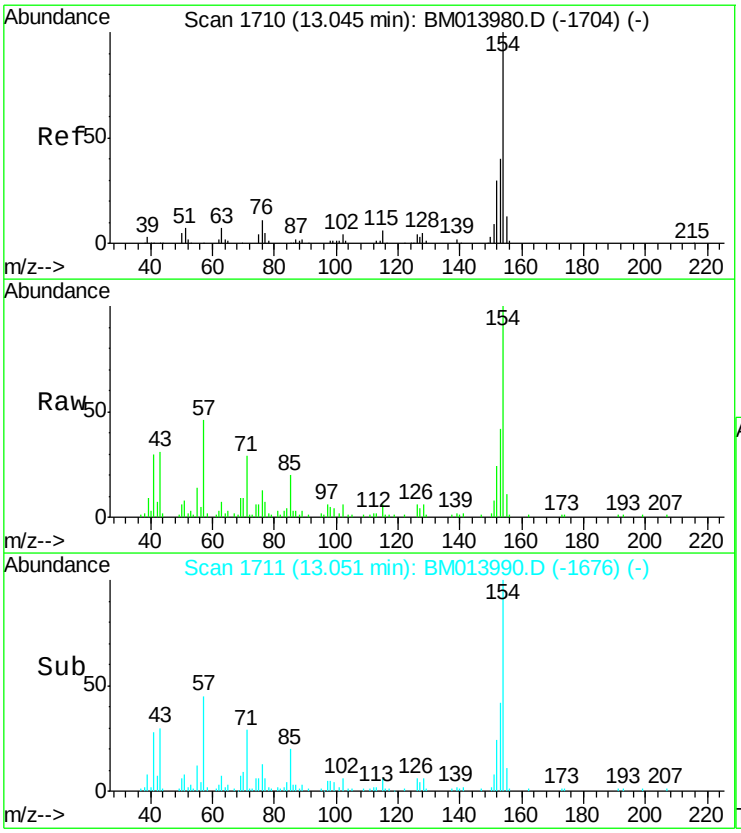
#34
2-Methylnaphthalene
Concen: 32.547 ng/ul
RT: 12.01 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 493943

Ion	Ratio	Lower	Upper
142	100		
141	87.1	74.1	111.1

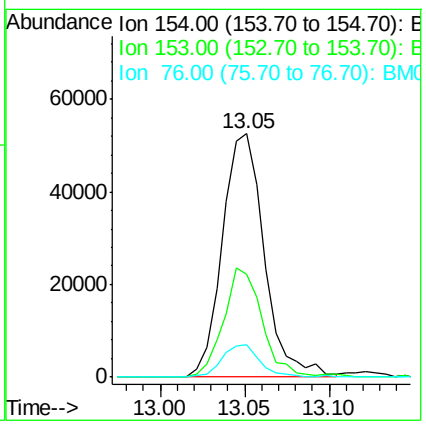


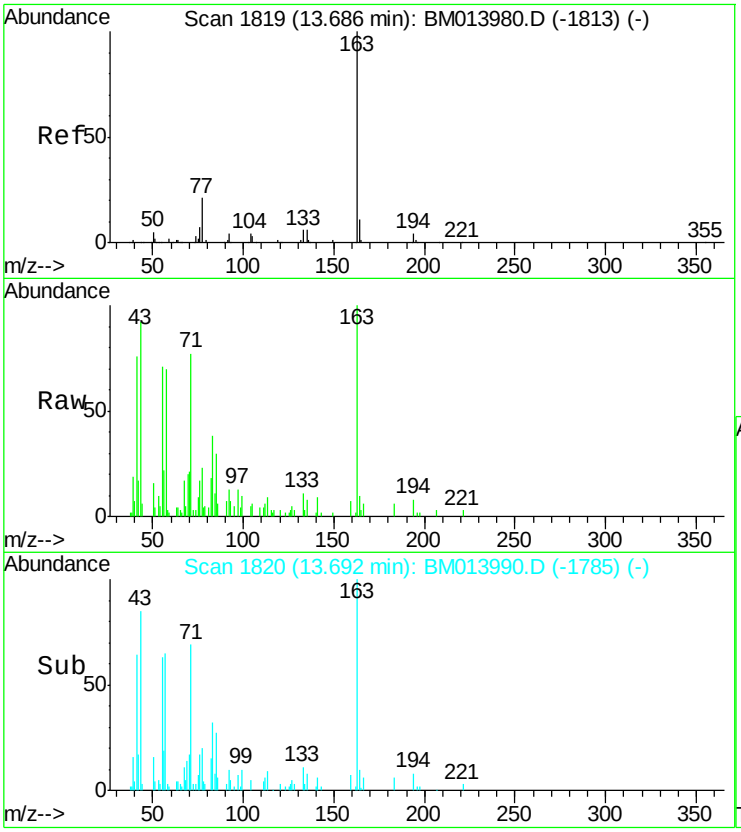


#40
1,1'-Biphenyl
Concen: 4.229 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:154 Resp: 90911

Ion	Ratio	Lower	Upper
154	100		
153	42.2	32.6	48.8
76	13.1	8.5	12.7#



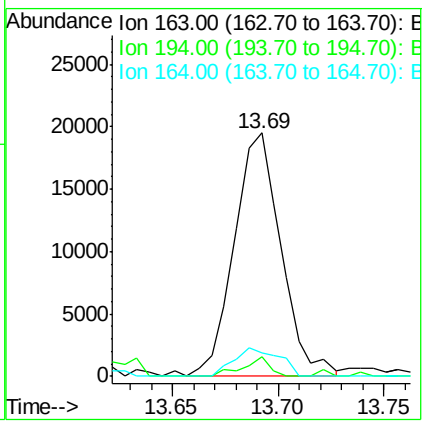


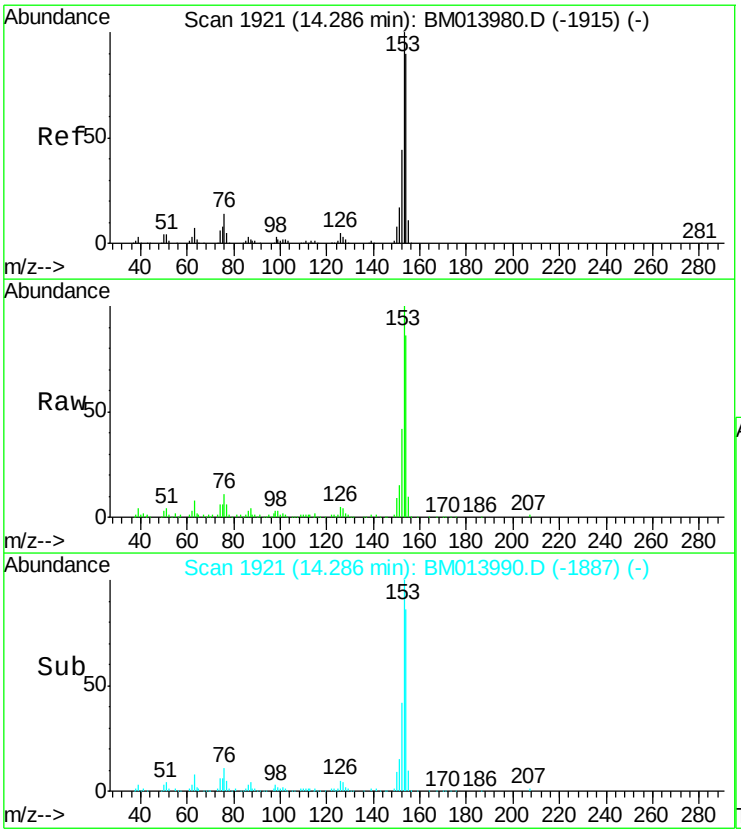
#44
Dimethylphthalate
Concen: 1.435 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 30041

Ion	Ratio	Lower	Upper
163	100		
194	8.1	3.5	5.3#
164	9.6	8.2	12.4

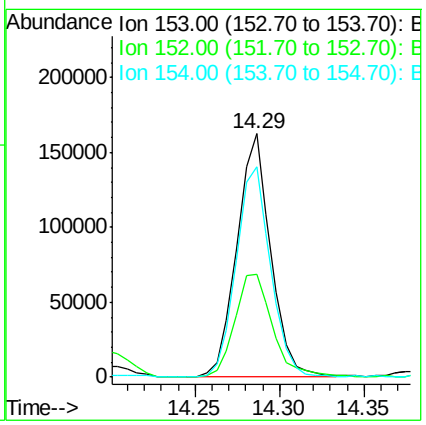


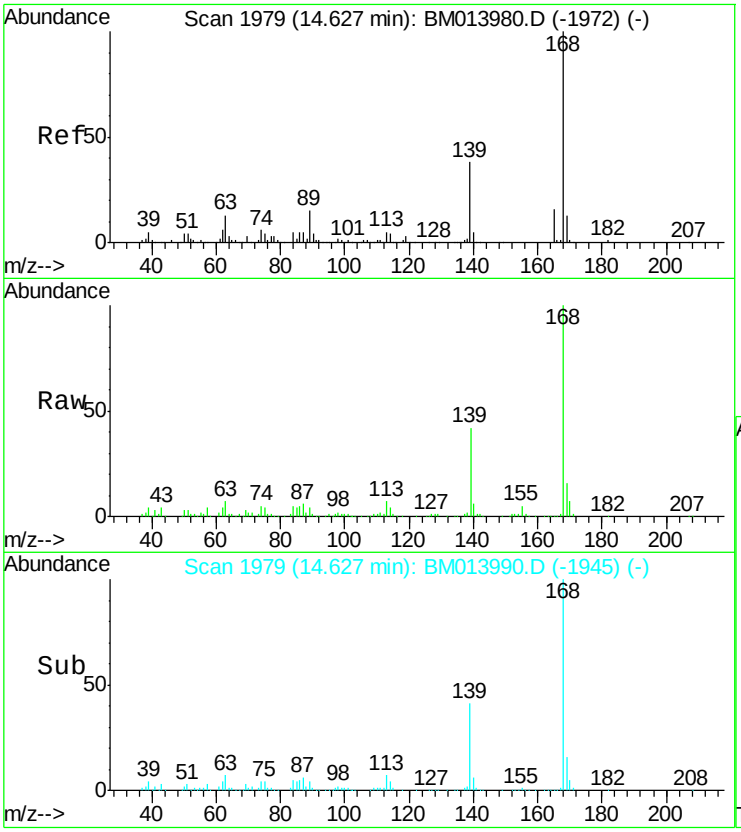


#49
Acenaphthene
Concen: 13.201 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:153 Resp: 227054

Ion	Ratio	Lower	Upper
153	100		
152	42.2	37.6	56.4
154	86.3	70.4	105.6



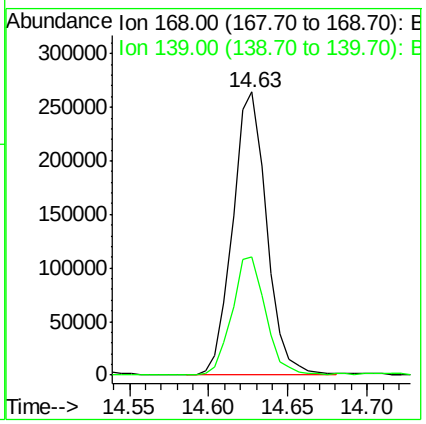


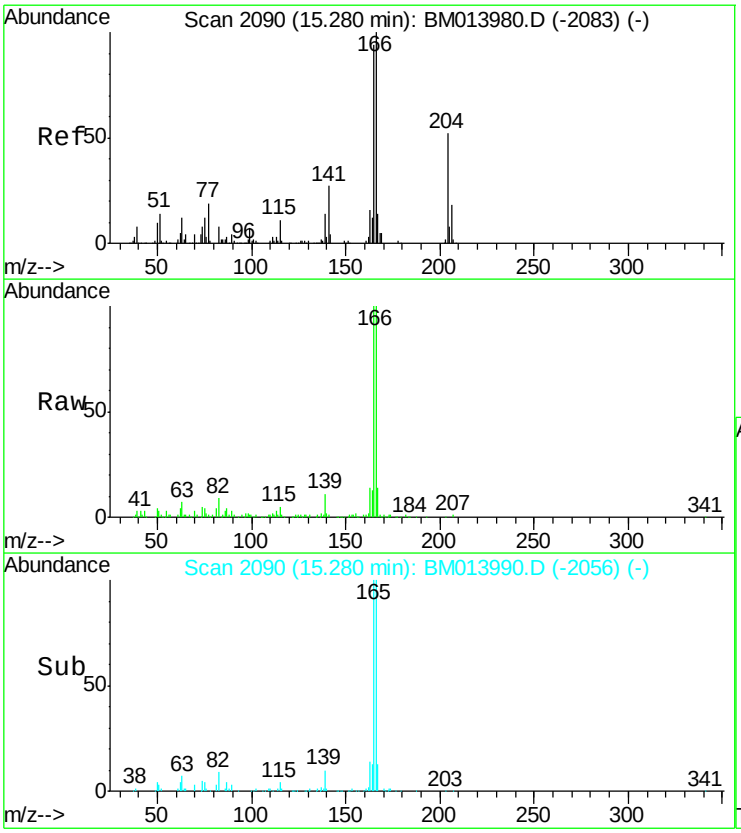
#53
Dibenzofuran
Concen: 15.208 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 393507

Ion	Ratio	Lower	Upper
168	100		
139	42.0	30.8	46.2

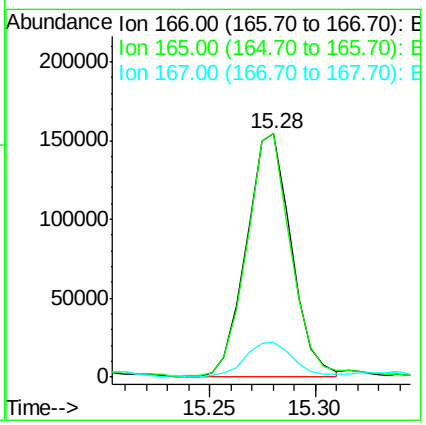


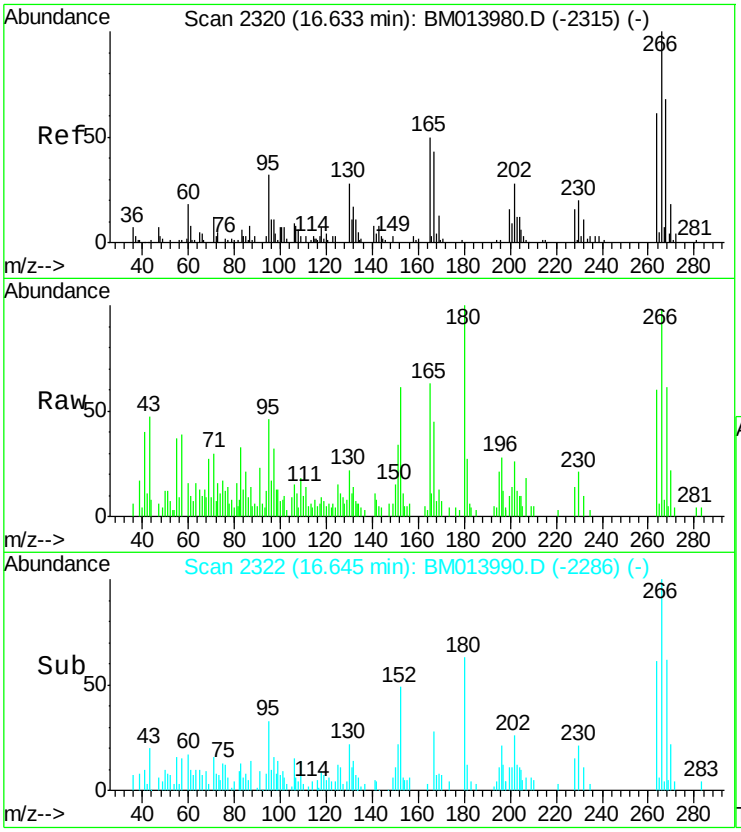


#58
Fluorene
Concen: 10.642 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:166 Resp: 225559

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.9	116.9
167	14.2	10.6	16.0



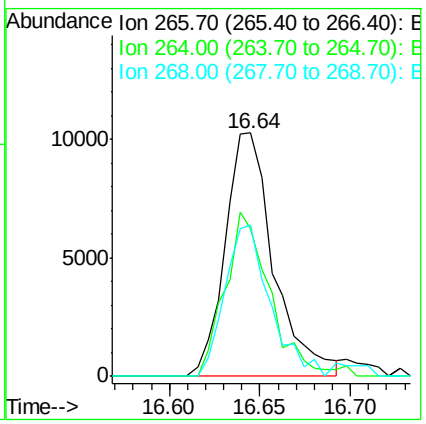


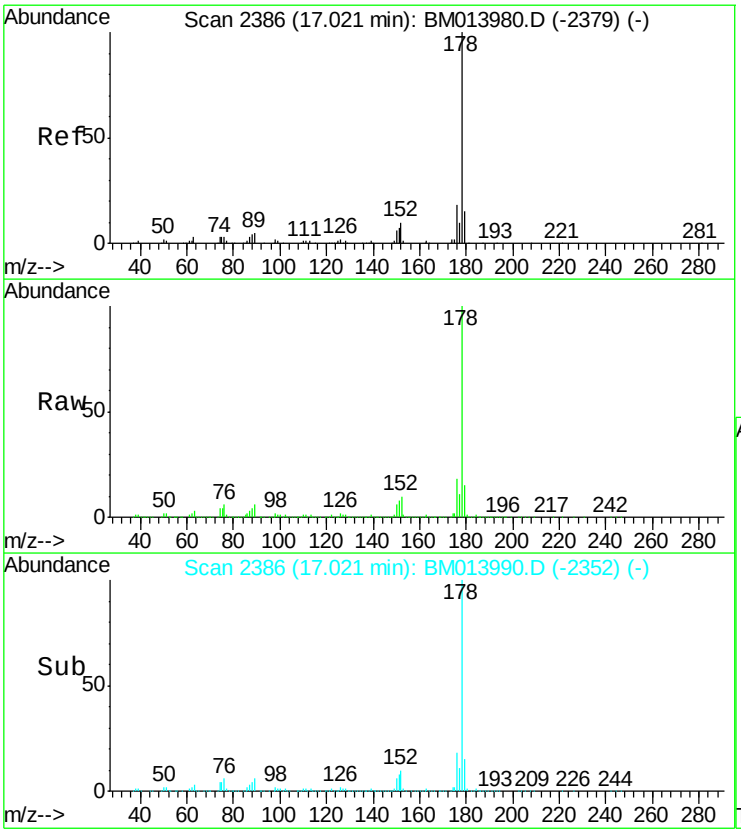
#68
Pentachlorophenol
Concen: 4.354 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 19204

Ion	Ratio	Lower	Upper
266	100		
264	60.9	49.3	73.9
268	62.3	52.6	78.8

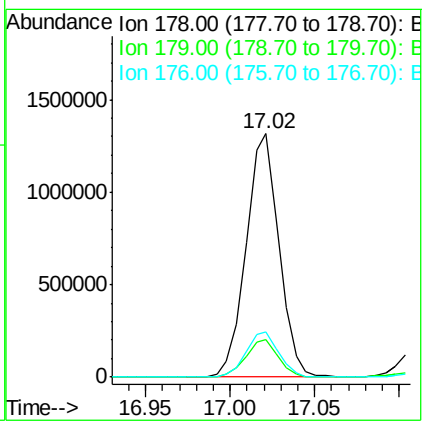


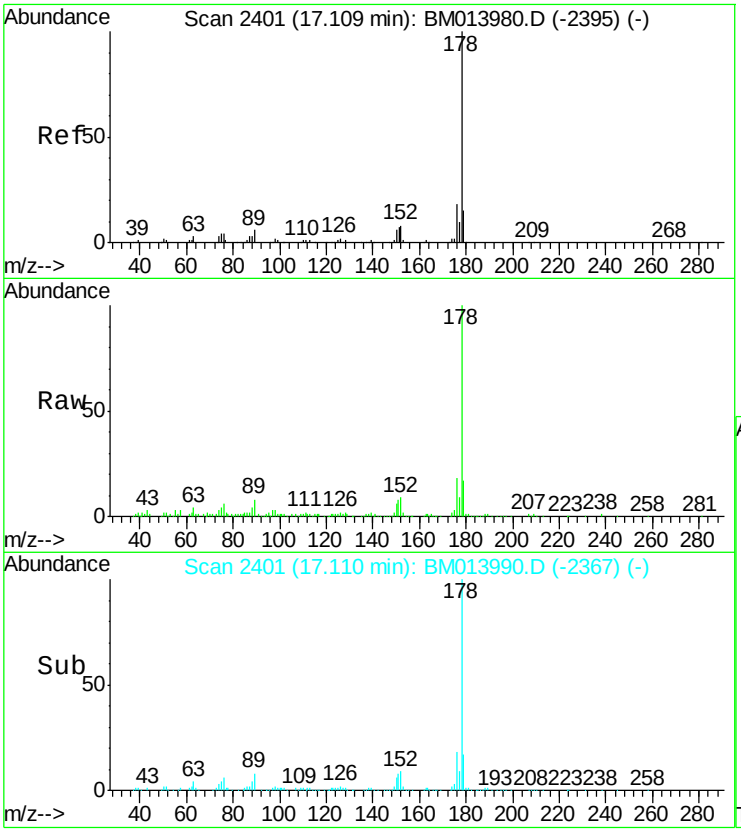


#69
Phenanthrene
Concen: 49.122 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:178 Resp: 1782788

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.4	14.9	22.3



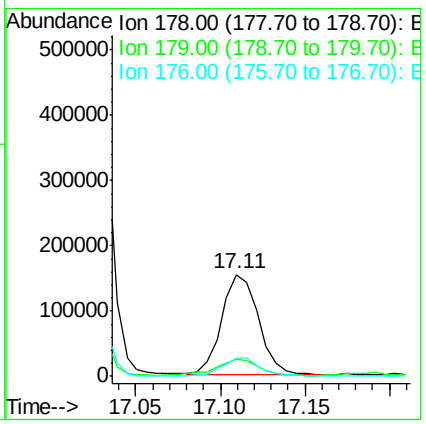


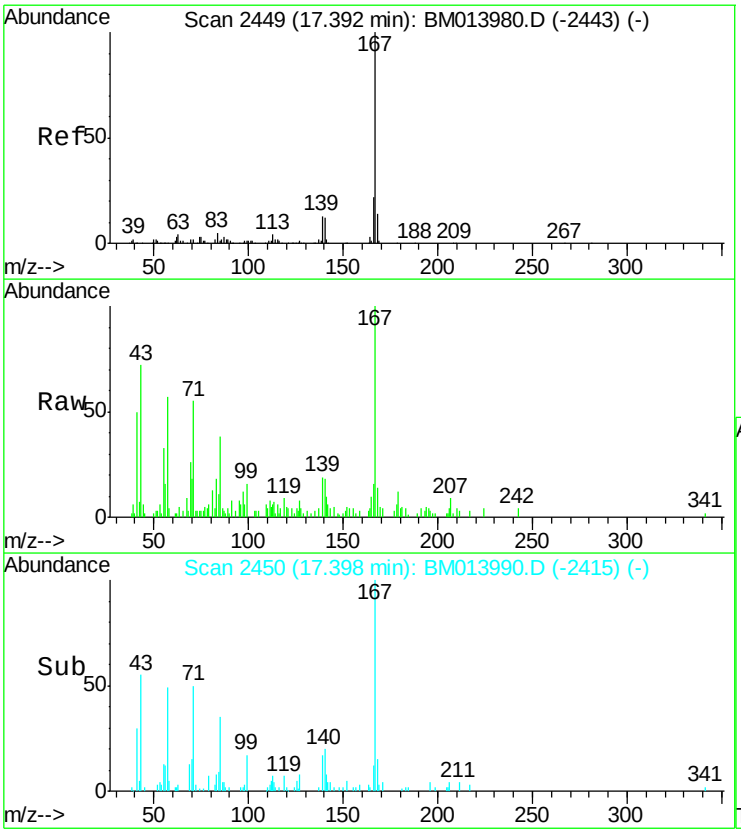
#71
Anthracene
Concen: 6.281 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 235116

Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.7	17.5
176	17.7	14.6	21.8

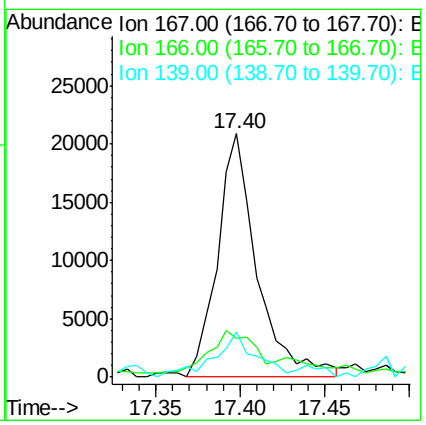


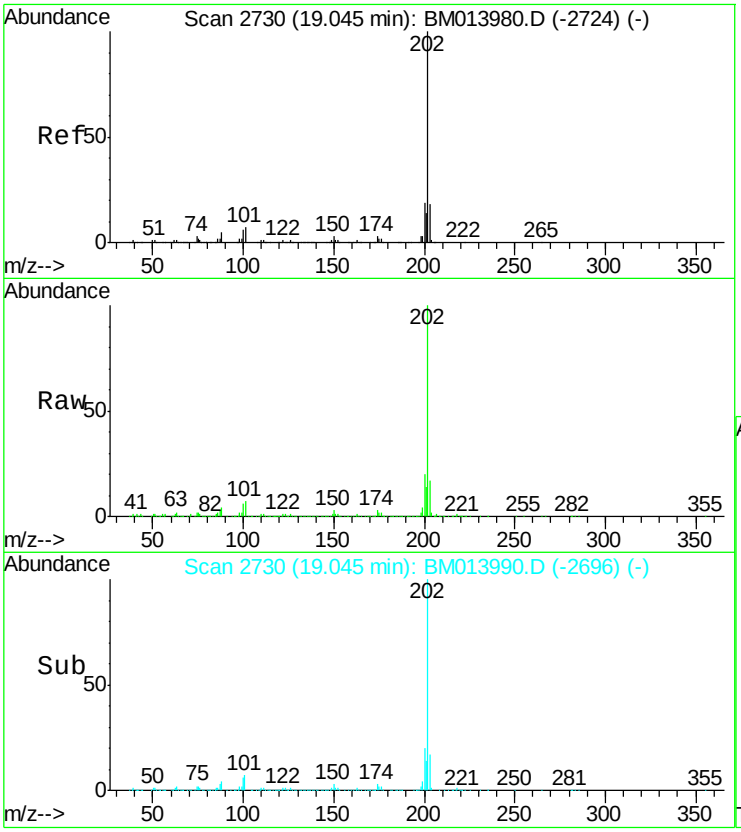


#72
Carbazole
Concen: 1.098 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:167 Resp: 33929

Ion	Ratio	Lower	Upper
167	100		
166	16.1	17.1	25.7#
139	18.6	10.0	15.0#



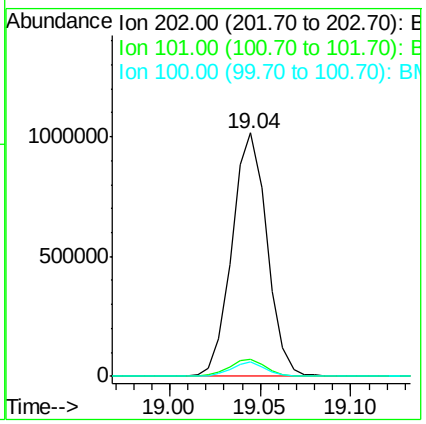


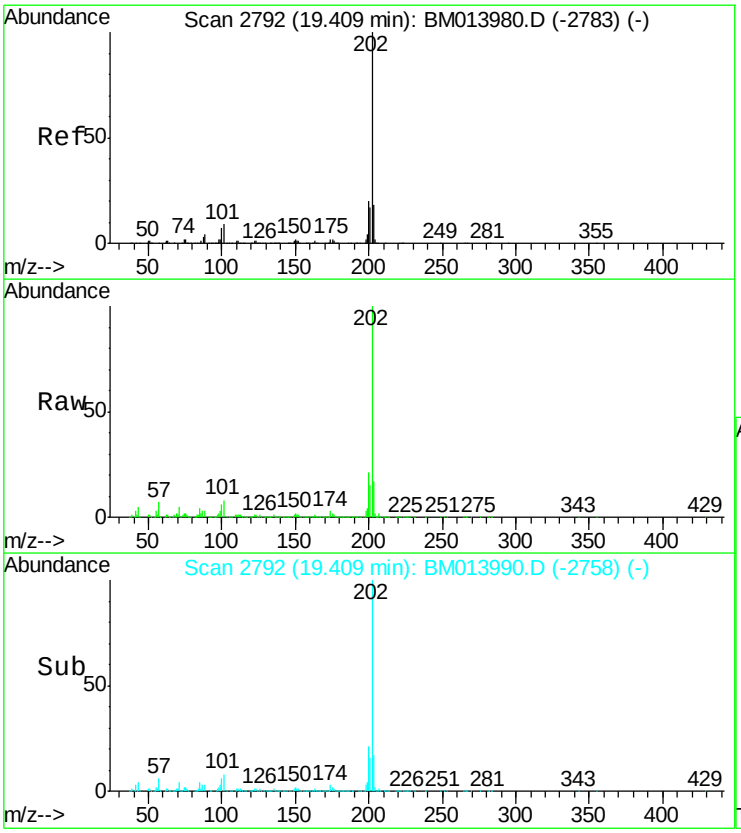
#74
Fluoranthene
Concen: 31.471 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1363409

Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.6	7.0
100	5.8	3.4	5.2#

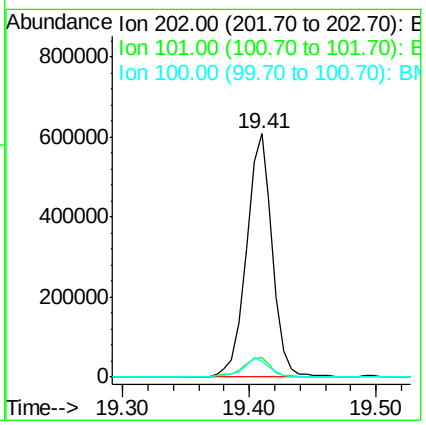


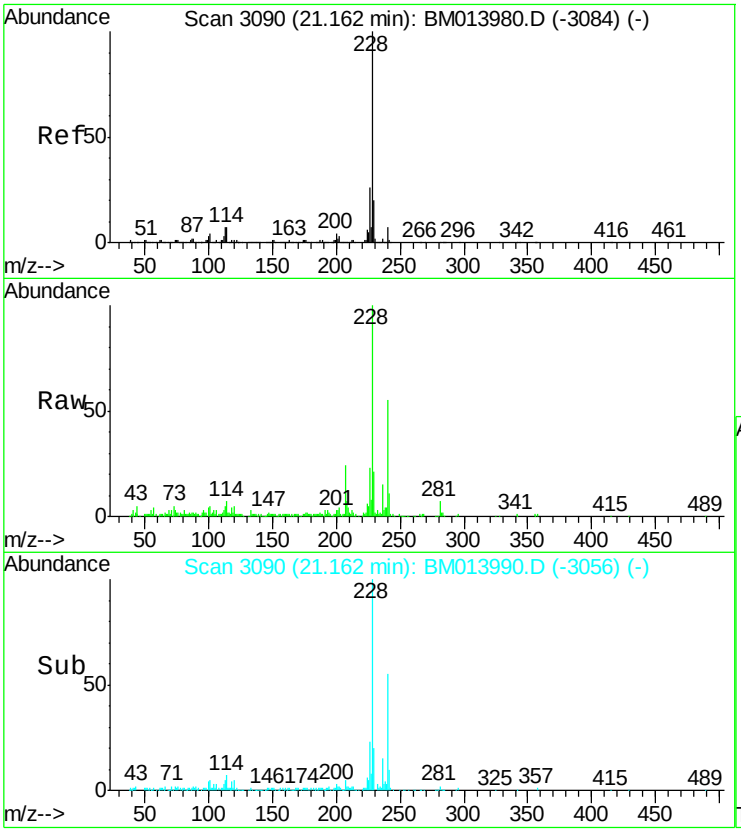


#77
Pyrene
Concen: 17.753 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:202 Resp: 856674

Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.1	7.7#
100	6.3	4.9	7.3



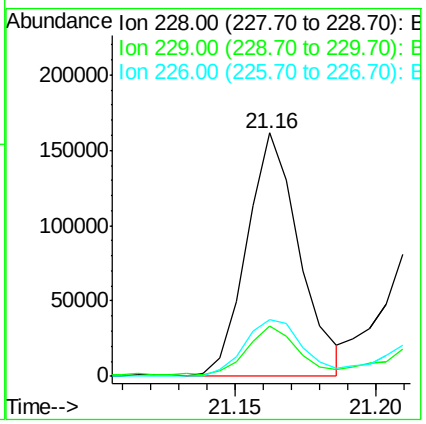


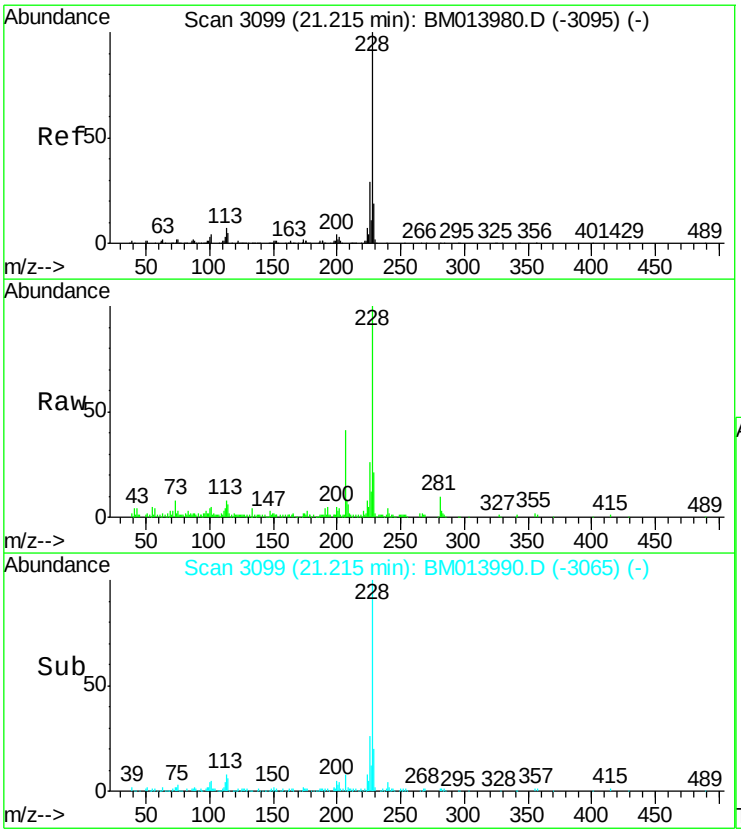
#80
Benzo(a)anthracene
Concen: 4.328 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 207572

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	23.4	21.4	32.0

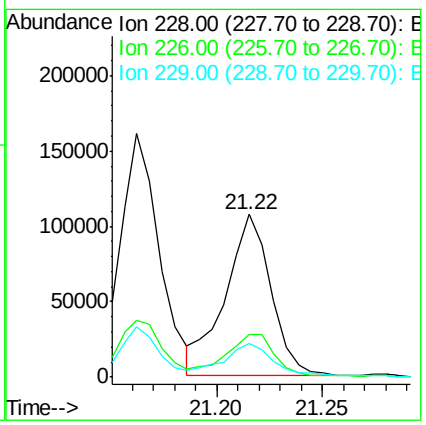


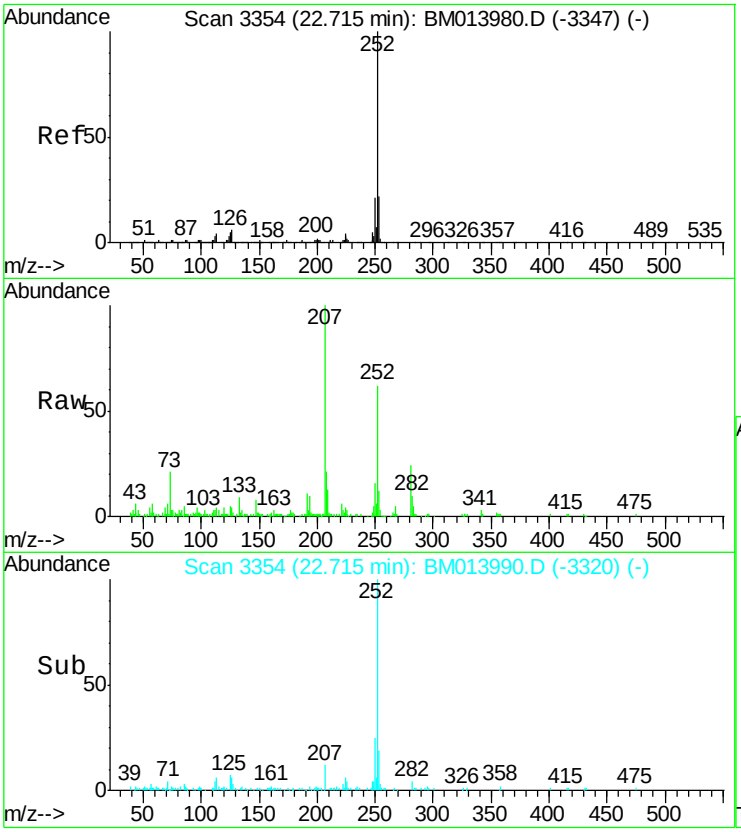


#82
Chrysene
Concen: 3.650 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:228 Resp: 160621

Ion	Ratio	Lower	Upper
228	100		
226	26.3	23.4	35.2
229	20.9	15.5	23.3



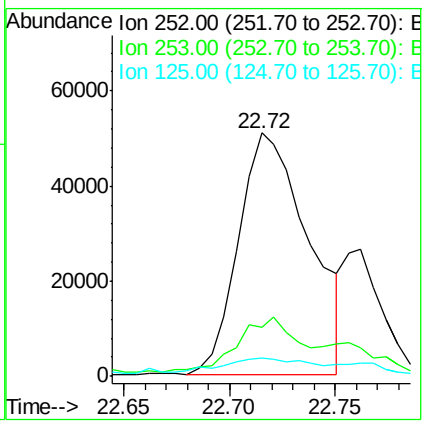


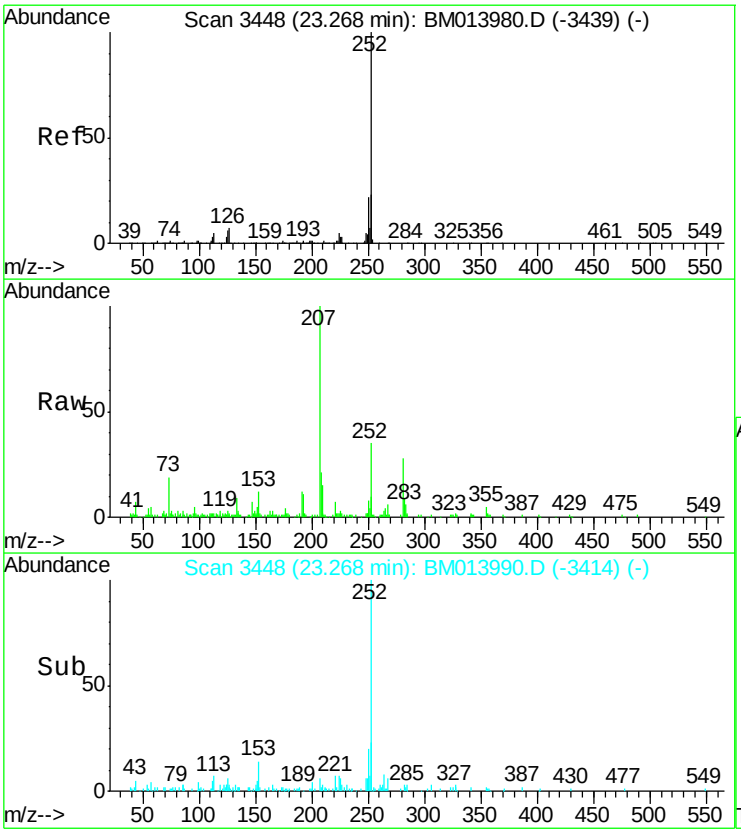
#85
Benzo(b)fluoranthene
Concen: 2.348 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 116605

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.9	26.9
125	7.4	3.6	5.4#





#88
Benzo(a)pyrene
Concen: 1.168 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. 0.00 min
Lab File: BM013990.D
Acq: 30 Jan 2018 10:27

Tgt Ion:252 Resp: 54792

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.2	27.2
125	7.4	4.0	6.0#