Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Time: Jan 30 07:52:07 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	84021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	329010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	220900	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	521399	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	660322	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	638983	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	283	0.13	ng/uL	0.02
5) Phenol-d5	6.79	99	1278	0.20	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.94	67	1843	0.47	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	3457	0.66	ng/ul	0.02
13) 4-Methylphenol-d8	8.32	113	951	0.19	ng/ul	0.03
19) Nitrobenzene-d5	8.76	128	1617	0.63	ng/ul	0.04
22) 2-Nitrophenol-d4	9.46	143	1143	0.42	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	1124	0.22	ng/ul	0.05
29) 4-Chloroaniline-d4	10.52	131	817	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	17549	0.96	ng/ul	0.01
46) Acenaphthylene-d8	13.91	160	19785	0.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	303	0.10	ng/ul	-0.16
57) Fluorene-d10	15.22	176	15948	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	537	0.17	ng/ul	0.04
70) Anthracene-d10	16.97	188	521399	20.53	ng/ul	-0.10
76) Pyrene-d10	19.38	212	30467	0.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	27906	0.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.39	128	1122533	68.580	ng/ul	99
30) 4-Chloroaniline	10.39	127	147601	32.922	ng/ul#	15
34) 2-Methylnaphthalene	12.01	142	559624	45.858	ng/ul	92
40) 1,1'-Biphenyl	13.05	154	139338	7.578	ng/ul	97
49) Acenaphthene	14.29	153	472030	32.085	ng/ul	97
53) Dibenzofuran	14.63	168	531707	24.024	ng/ul	98
58) Fluorene	15.28	166	411133	22.678	ng/ul	96
60) 4-Nitroaniline	15.27	138	5710	1.789	ng/ul#	9
68) Pentachlorophenol	16.65	266	13326	3.783	ng/ul	89
69) Phenanthrene	17.02	178	2230196	76.950	ng/ul	99
71) Anthracene	17.11	178	376297	12.588	ng/ul	96
72) Carbazole	17.39	167	88742	3.596	ng/ul	98
74) Fluoranthene	19.04	202	1298790	37.542	ng/ul#	97
77) Pyrene	19.41	202	852263	21.231	ng/ul#	98
80) Benzo(a)anthracene	21.16	228	181051	4.538	ng/ul	99
82) Chrysene	21.22	228	139846	3.821	ng/ul	97
85) Benzo(b)fluoranthene	22.72	252	85726	2.185	ng/ul#	95
88) Benzo(a)pyrene	23.27	252	44425	1.198	ng/ul#	97

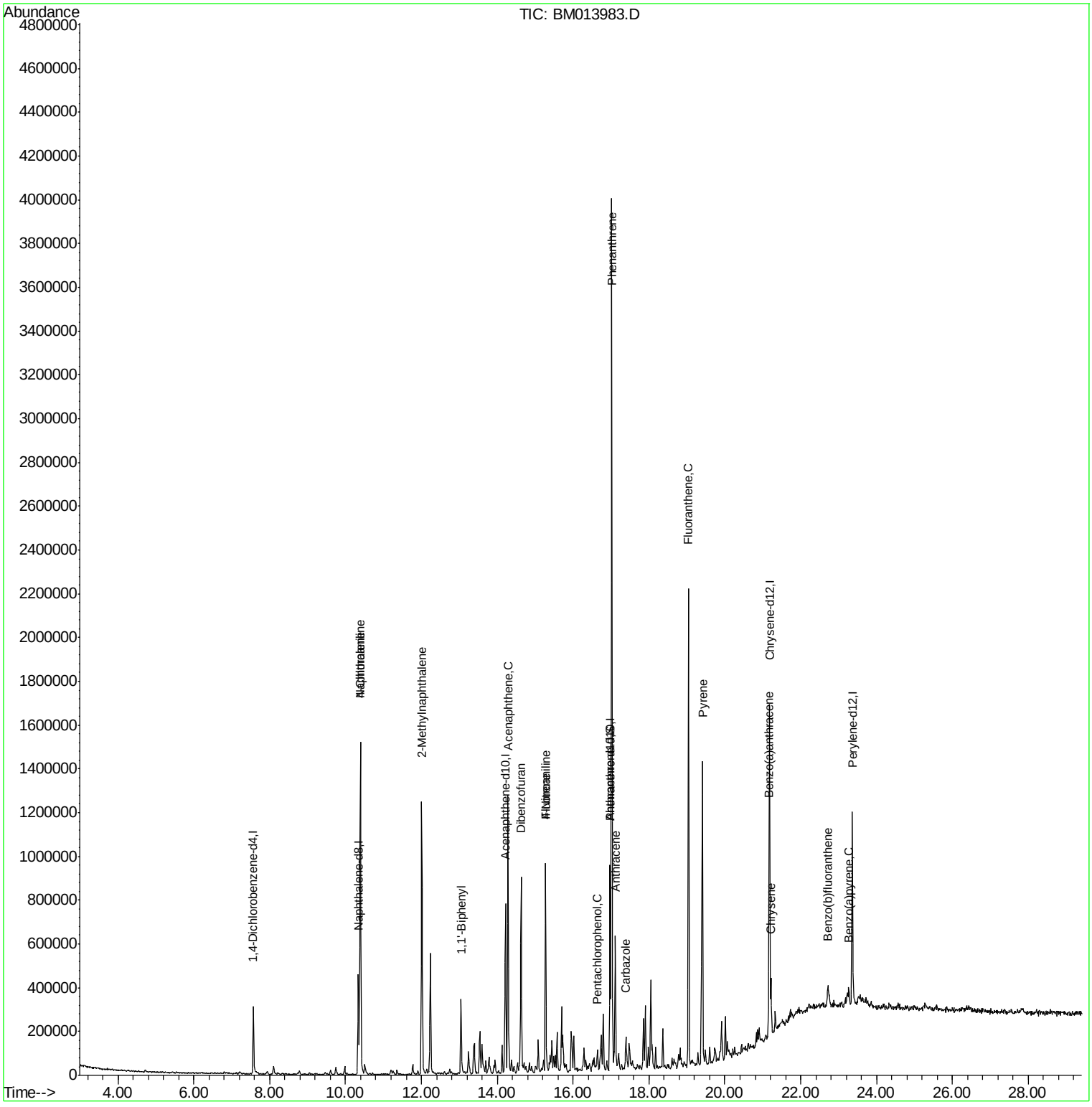
(#) = qualifier out of range (m) = manual integration (+) = signals summed

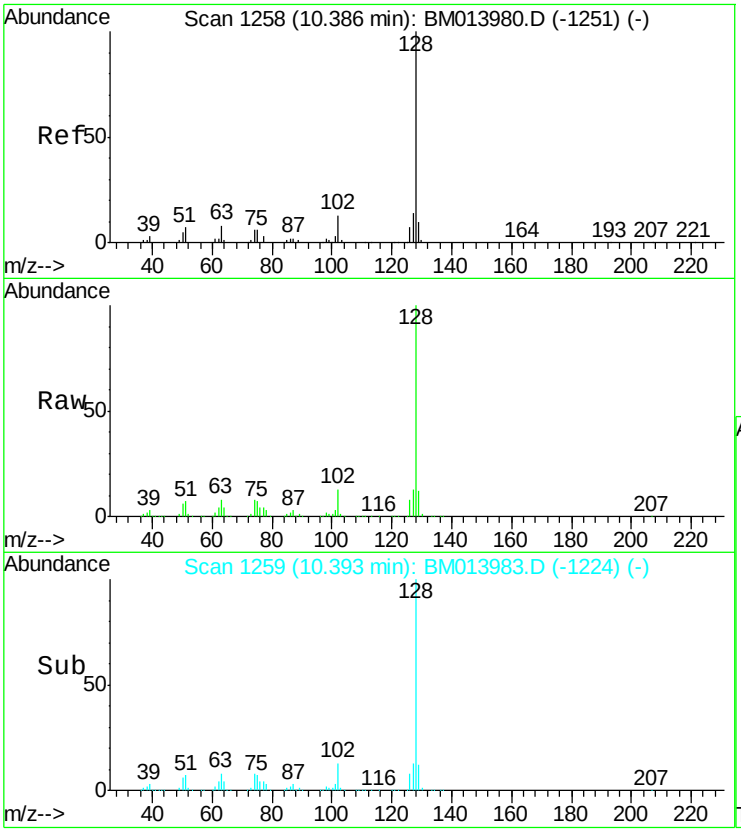
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Quant Time: Jan 30 07:52:07 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



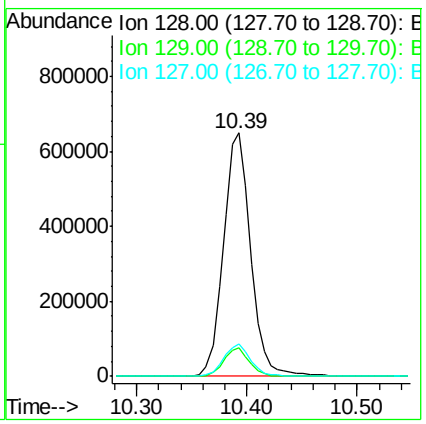


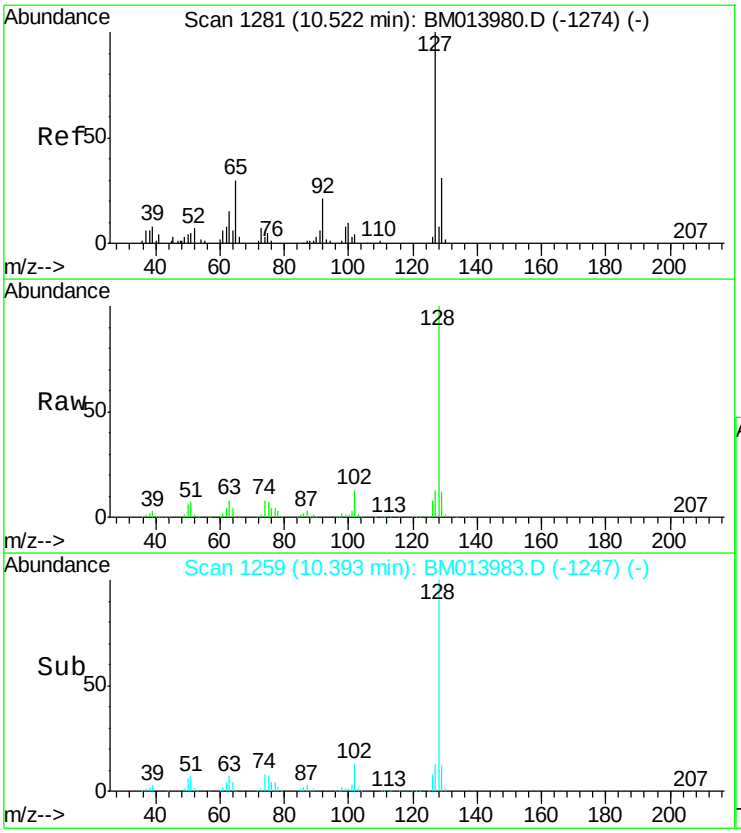
#28
Naphthalene
Concen: 68.580 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:128 Resp: 1122533

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.6	16.0

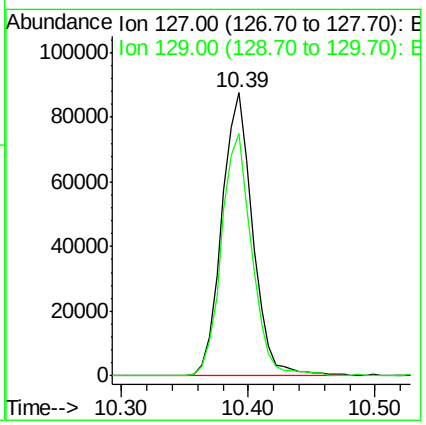


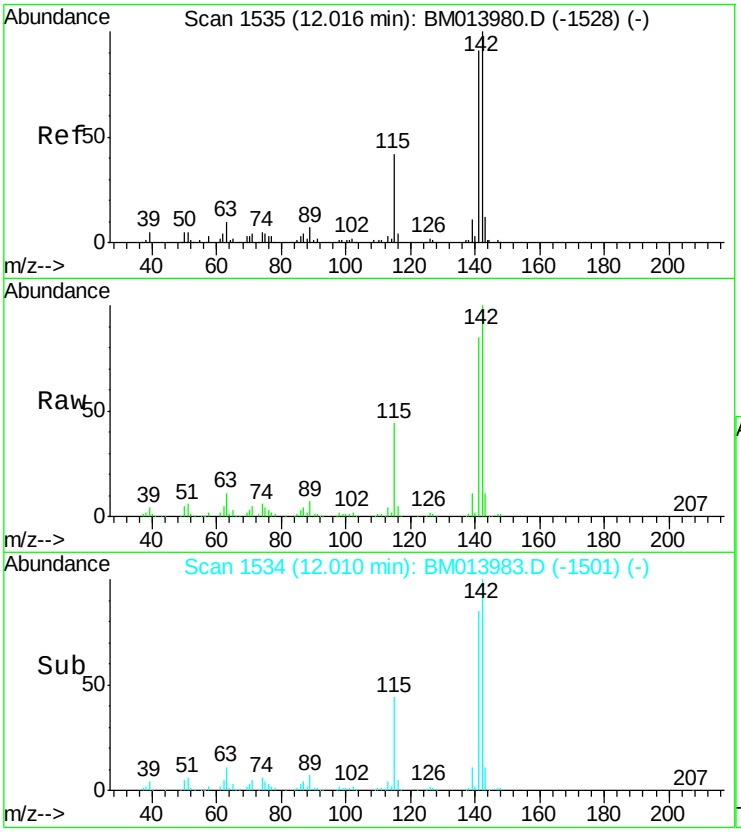


#30
4-Chloroaniline
Concen: 32.922 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.13 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:127 Resp: 147601

Ion	Ratio	Lower	Upper
127	100		
129	85.4	28.4	42.6#



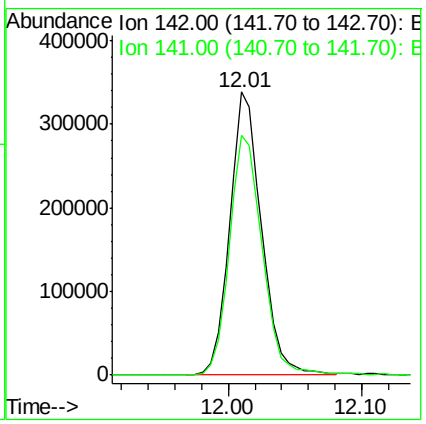


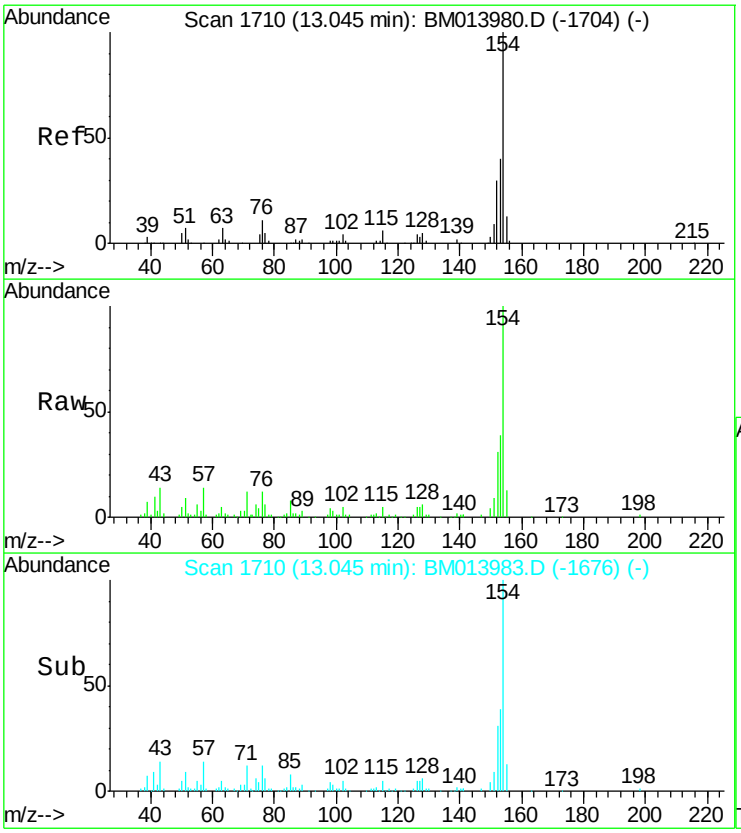
#34
2-Methylnaphthalene
Concen: 45.858 ng/ul
RT: 12.01 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:142 Resp: 559624

Ion	Ratio	Lower	Upper
142	100		
141	84.7	74.1	111.1

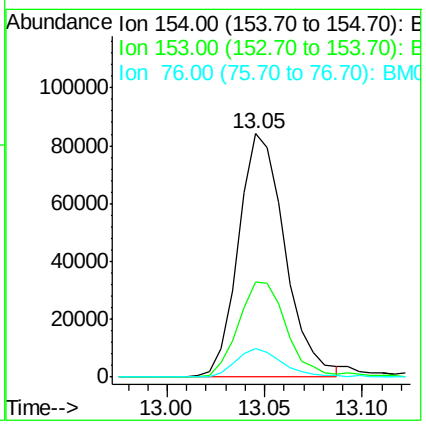


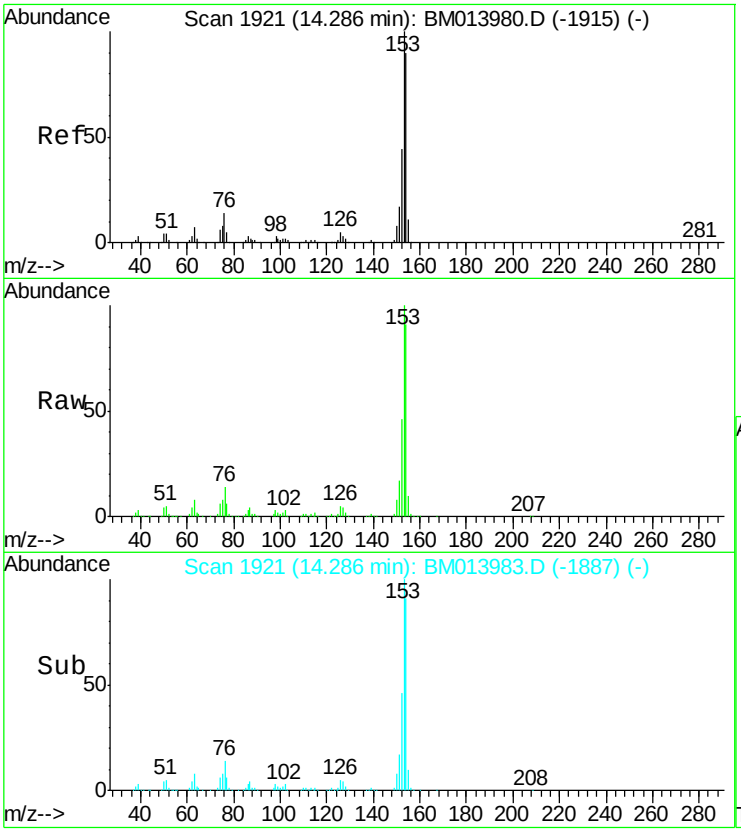


#40
1,1'-Biphenyl
Concen: 7.578 ng/ul
RT: 13.05 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:154 Resp: 139338

Ion	Ratio	Lower	Upper
154	100		
153	39.2	32.6	48.8
76	11.9	8.5	12.7



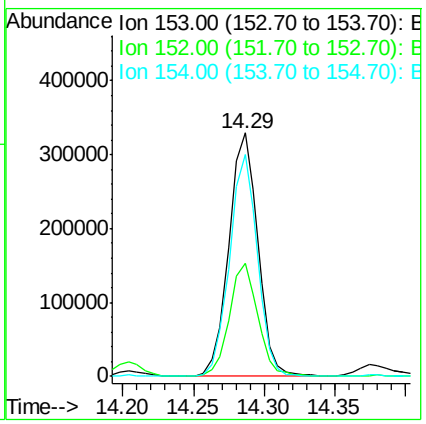


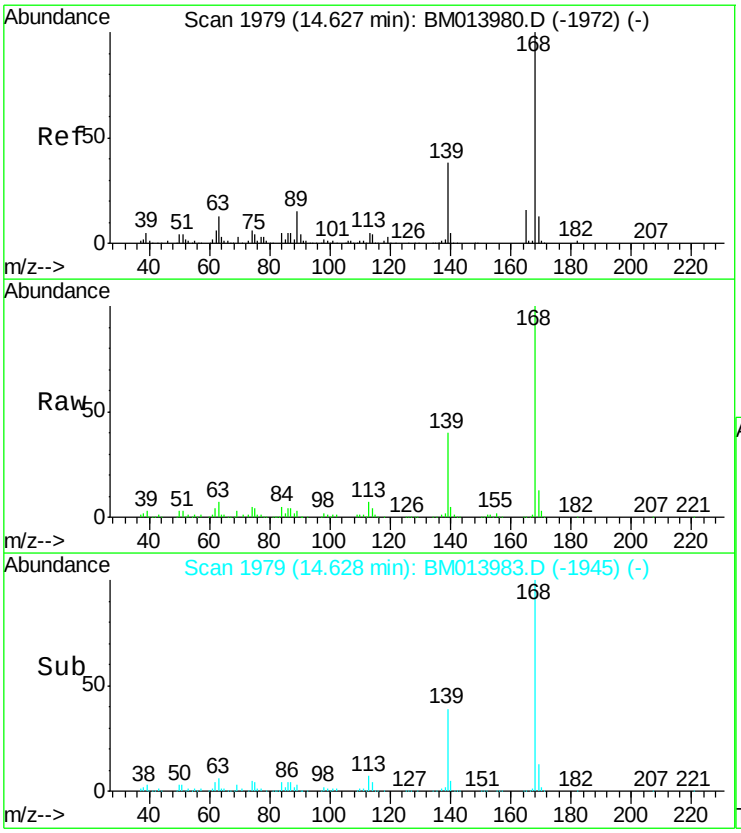
#49
Acenaphthene
Concen: 32.085 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:153 Resp: 472030

Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.6	56.4
154	91.2	70.4	105.6

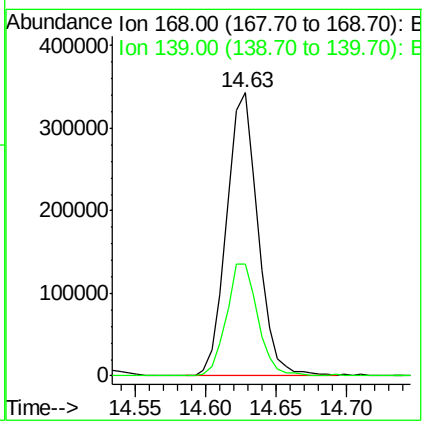


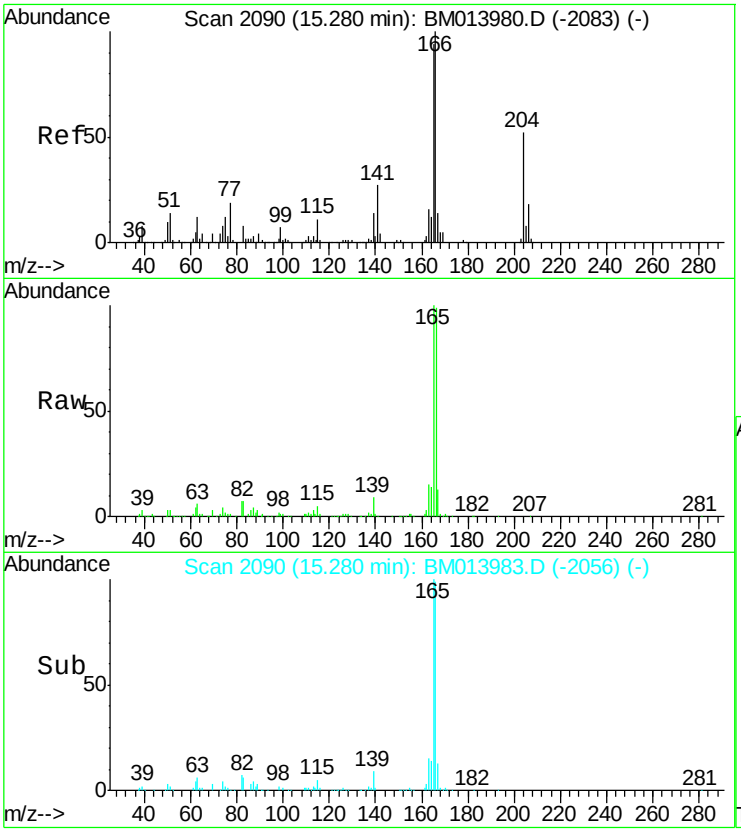


#53
Dibenzofuran
Concen: 24.024 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:168 Resp: 531707

Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.8	46.2



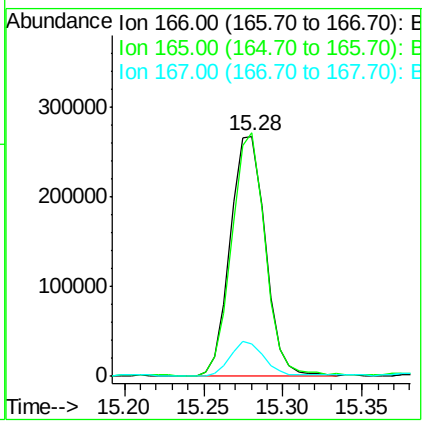


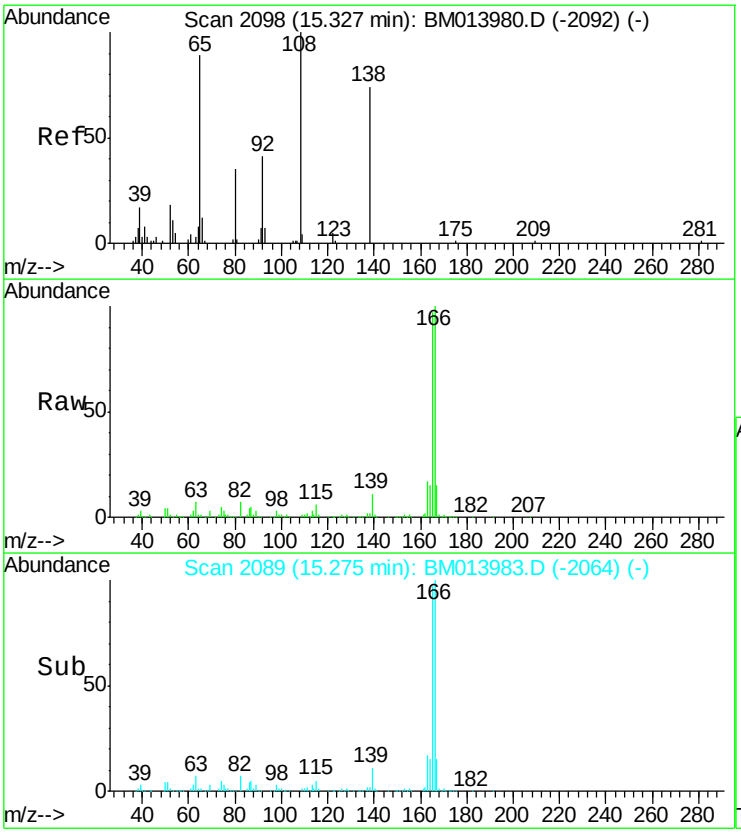
#58
Fluorene
Concen: 22.678 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:166 Resp: 411133

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.9	116.9
167	13.6	10.6	16.0

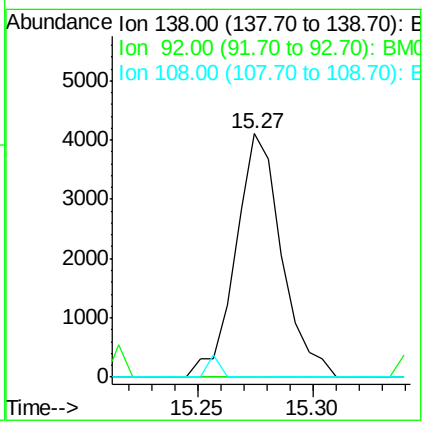


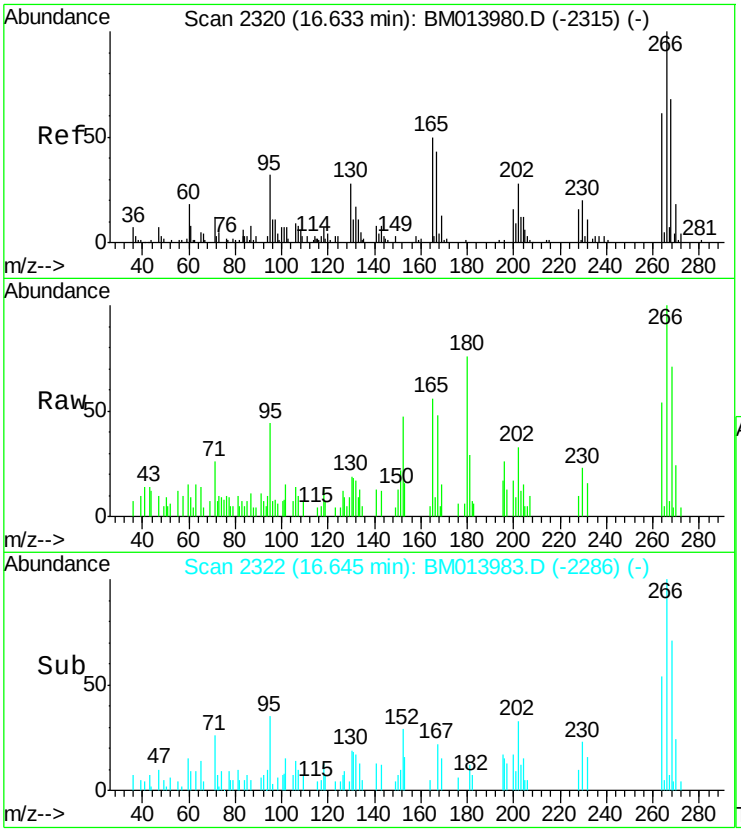


#60
4-Nitroaniline
Concen: 1.789 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. -0.05 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:138 Resp: 5710

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.0	60.0#
108	0.0	80.0	120.0#



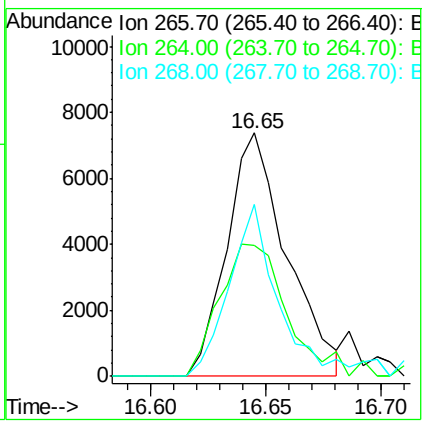


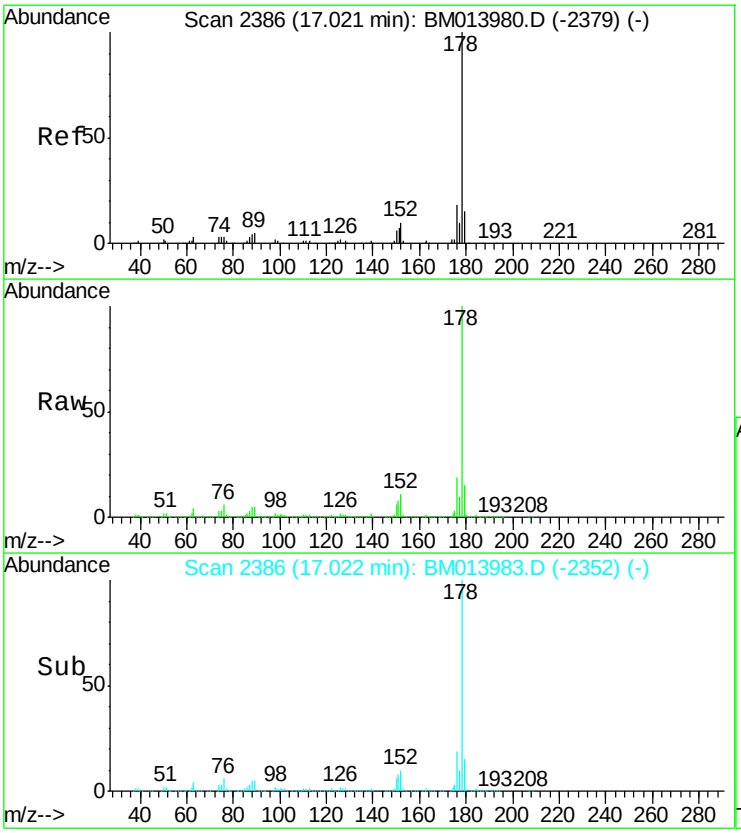
#68
Pentachlorophenol
Concen: 3.783 ng/ul
RT: 16.65 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:266 Resp: 13326

Ion	Ratio	Lower	Upper
266	100		
264	54.0	49.3	73.9
268	74.8	52.6	78.8

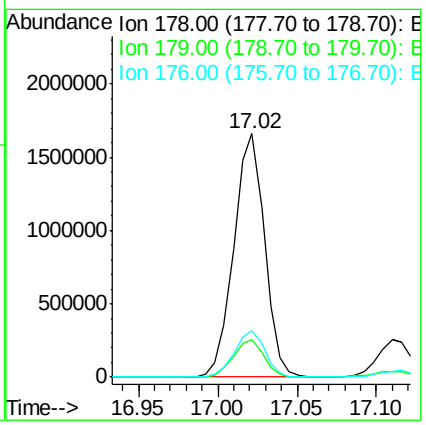


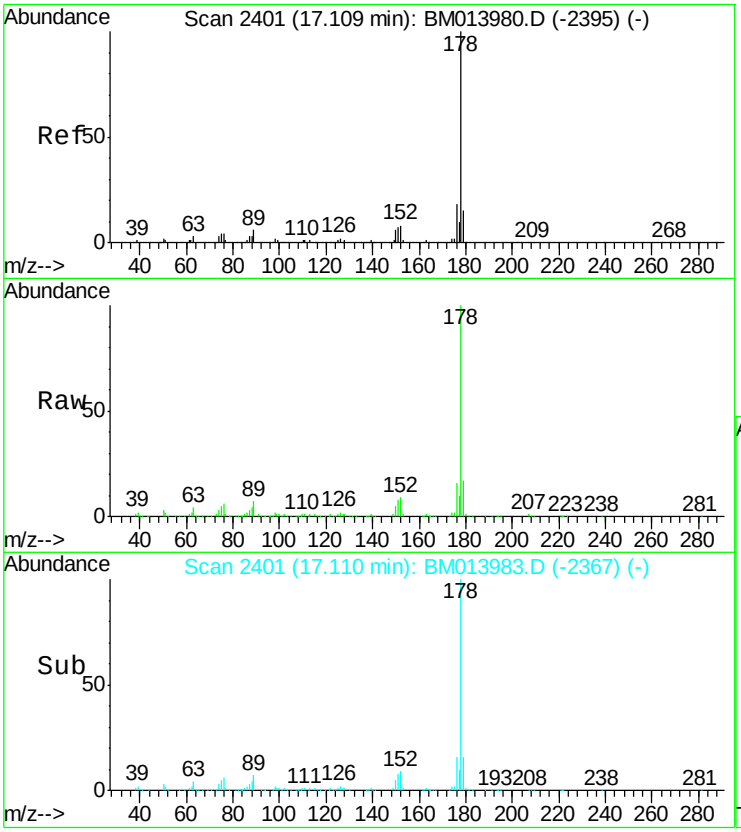


#69
Phenanthrene
Concen: 76.950 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:178 Resp: 2230196

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.9	14.9	22.3



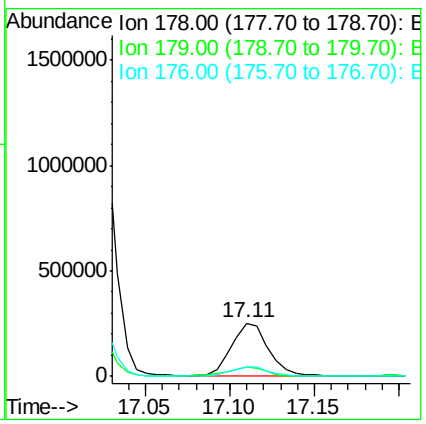


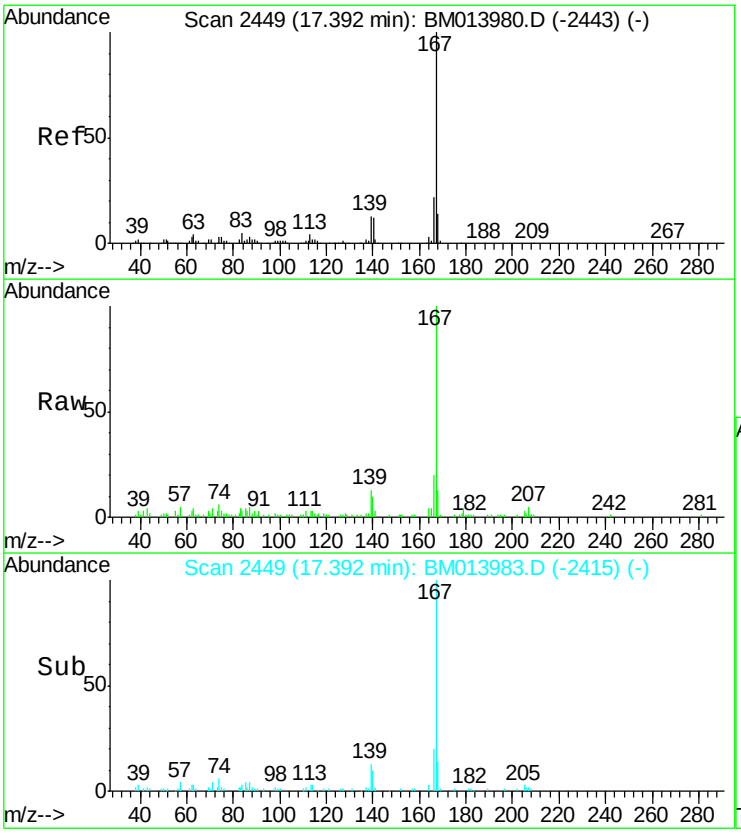
#71
Anthracene
Concen: 12.588 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:178 Resp: 376297

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	16.4	14.6	21.8

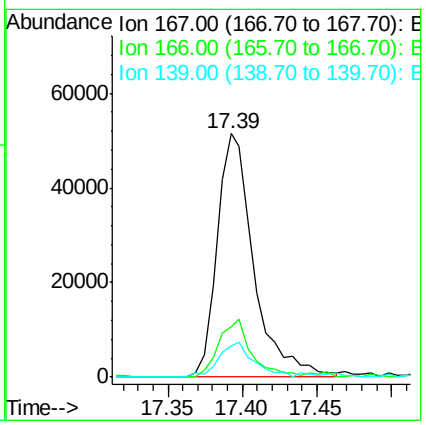


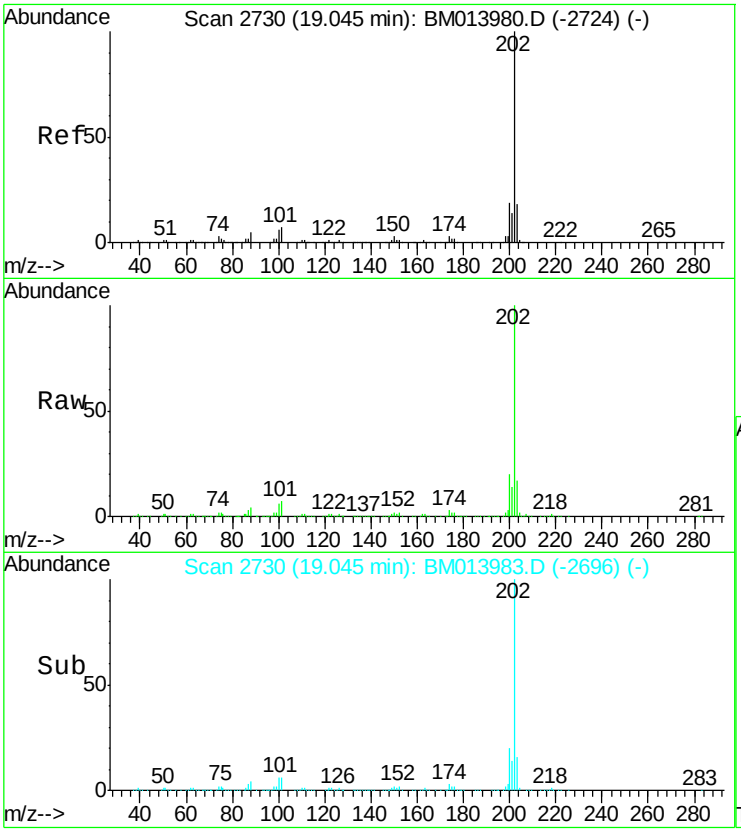


#72
Carbazole
Concen: 3.596 ng/ul
RT: 17.39 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:167 Resp: 88742

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	12.9	10.0	15.0



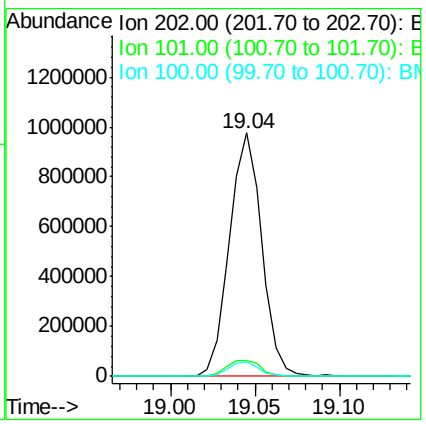


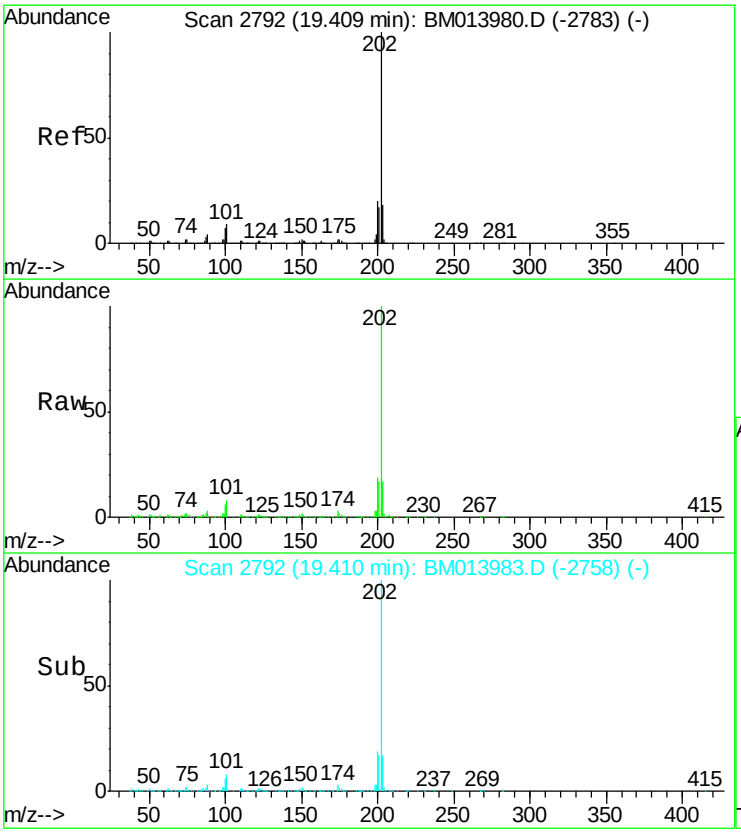
#74
Fluoranthene
Concen: 37.542 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:202 Resp: 1298790

Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.6	7.0
100	5.8	3.4	5.2#

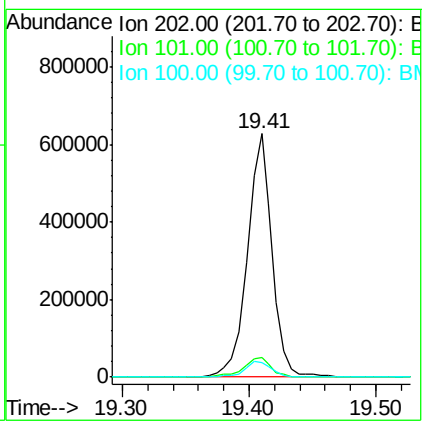


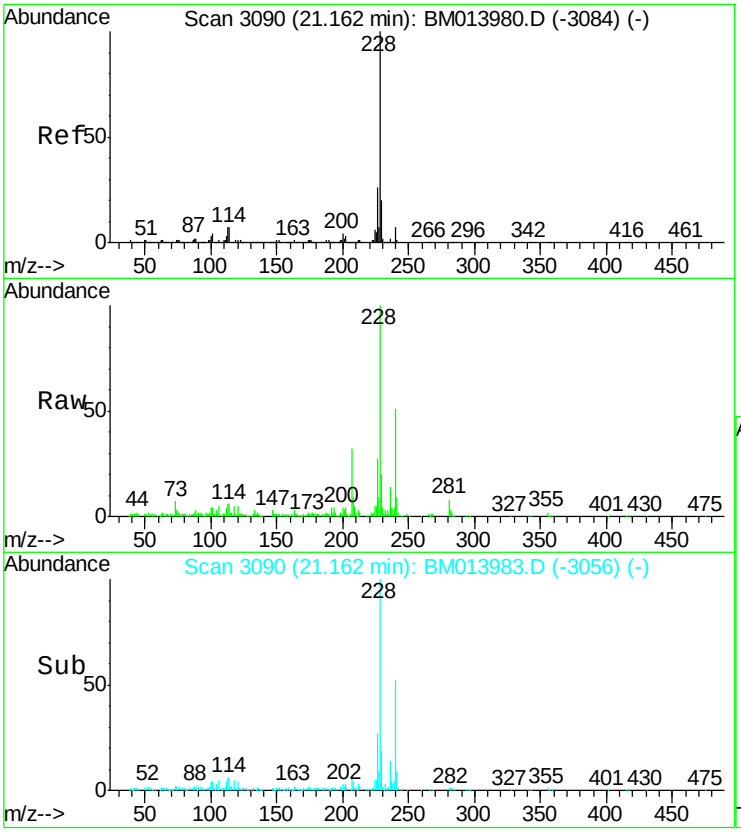


#77
Pyrene
Concen: 21.231 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:202 Resp: 852263

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.1	7.7#
100	6.1	4.9	7.3



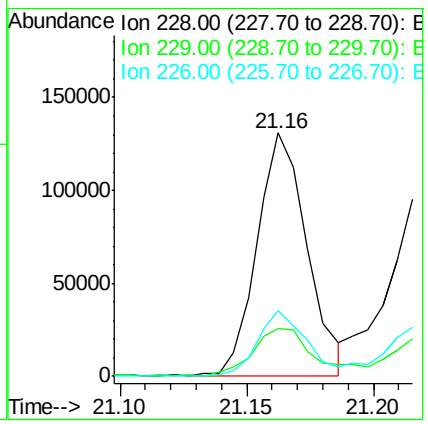


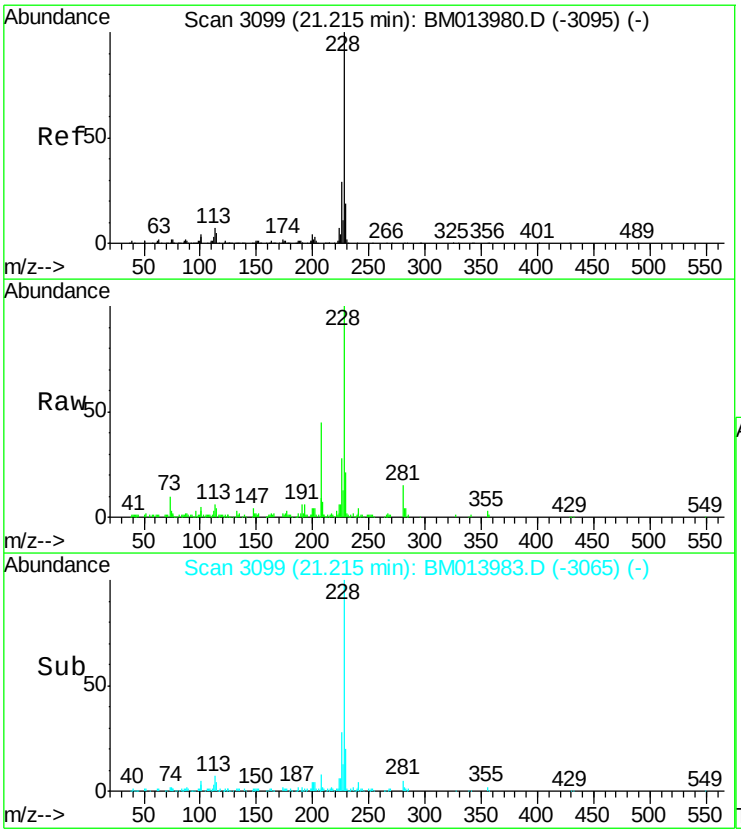
#80
Benzo(a)anthracene
Concen: 4.538 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:228 Resp: 181051

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	26.8	21.4	32.0

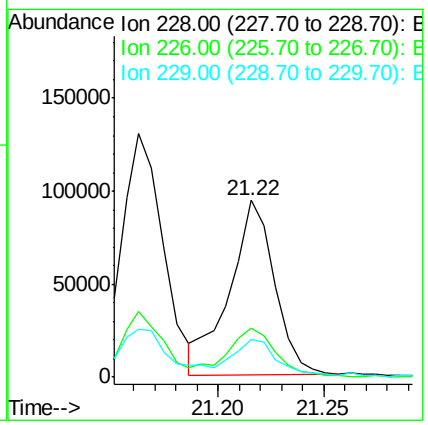


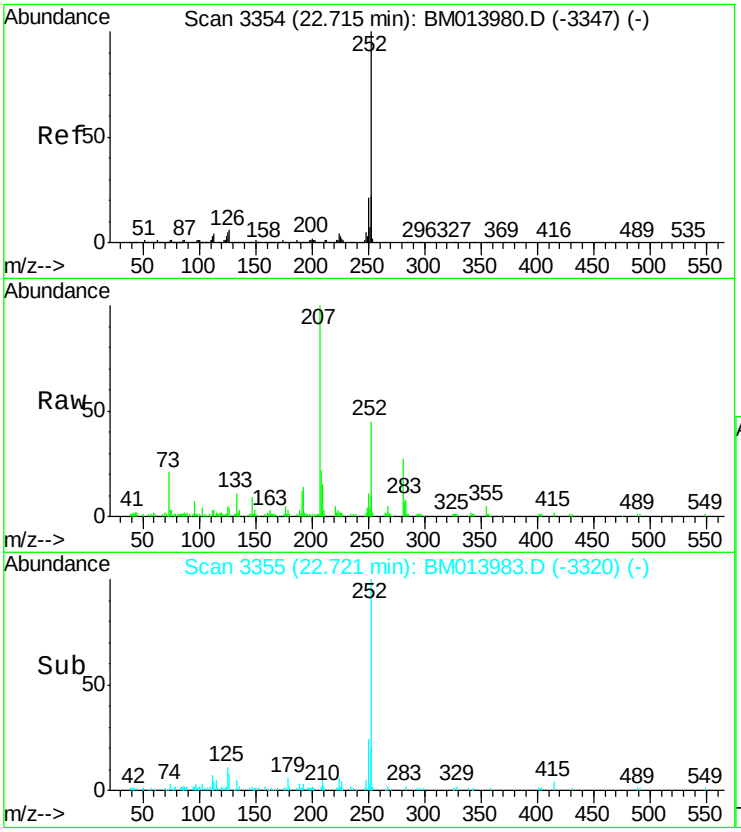


#82
Chrysene
Concen: 3.821 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:228 Resp: 139846

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	21.3	15.5	23.3



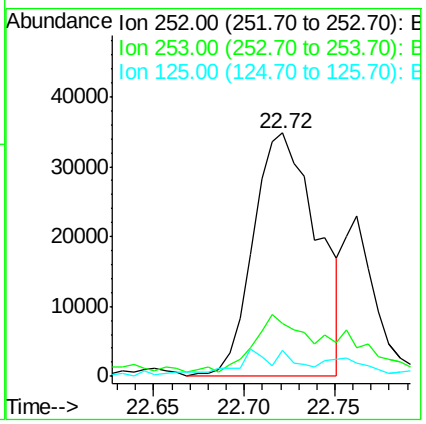


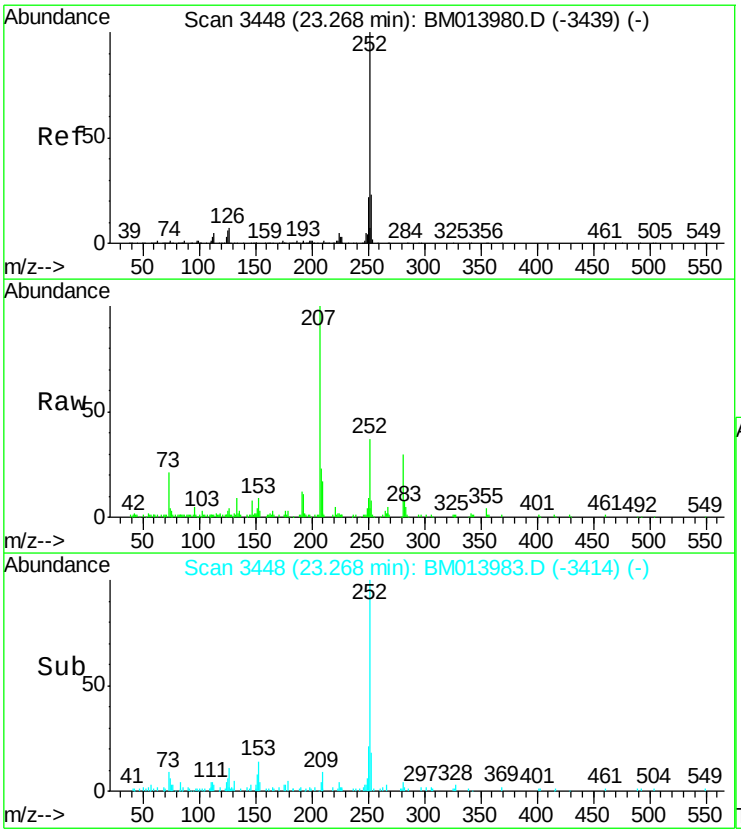
#85
Benzo(b)fluoranthene
Concen: 2.185 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Tgt Ion:252 Resp: 85726

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.9	3.6	5.4#





#88
Benzo(a)pyrene
Concen: 1.198 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. 0.00 min
Lab File: BM013983.D
Acq: 30 Jan 2018 06:16

Tgt Ion:252 Resp: 44425

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.8	4.0	6.0#