Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014790.D
Acq On : 23 Apr 2018 23:40
Operator : SJ/JU
Sample : J2431-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 24 02:17:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	405506	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1664290	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	840594	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1706471	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1706467	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1780156	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	20742	2.23	ng/uL	0.00
5) Phenol-d5	7.65	99	375296	11.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	252986	12.58	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	309715	11.81	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	290506	11.62	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	144641	12.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	143091	11.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	269656	11.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	361566	15.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	798977	12.18	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	935203	11.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	93374	7.67	ng/ul	0.00
57) Fluorene-d10	16.10	176	689292	12.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	65882	7.13	ng/ul	0.00
70) Anthracene-d10	17.94	188	969912	12.20	ng/ul	0.00
76) Pyrene-d10	20.17	212	1061446	13.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	1145638	13.10	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	9.33	105	94747	2.586	ng/ul#	26
17) Hexachloroethane	9.64	117	39416	3.731	ng/ul#	1
28) Naphthalene	11.42	128	640344	7.896	ng/ul	99
34) 2-Methylnaphthalene	12.99	142	204527	3.632	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	480045	7.102	ng/ul#	98
44) Dimethylphthalate	14.56	163	167498	2.641	ng/ul	99
47) Acenaphthylene	14.86	152	230407	2.935	ng/ul#	94
49) Acenaphthene	15.19	153	4022010	72.095	ng/ul	100
53) Dibenzofuran	15.52	168	3908504	50.452	ng/ul	99
58) Fluorene	16.16	166	4211857	67.332	ng/ul	99
60) 4-Nitroaniline	16.16	138	50262	3.763	ng/ul#	13
68) Pentachlorophenol	17.49	266	14505	1.218	ng/ul	98
69) Phenanthrene	17.97	178	3096137	33.784	ng/ul	100
71) Anthracene	17.97	178	3104283	33.377	ng/ul	98
72) Carbazole	18.23	167	388334	4.894	ng/ul	97
73) Di-n-butylphthalate	18.75	149	146564	1.519	ng/ul#	78
74) Fluoranthene	19.85	202	13426406	134.376	ng/ul#	70
77) Pyrene	20.21	202	10458002	104.889	ng/ul#	80
78) Butylbenzylphthalate	21.04	149	61989	1.524	ng/ul	95
80) Benzo(a)anthracene	21.91	228	3579356	35.869	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.79	149	1765206	29.565	ng/ul#	96
82) Chrysene	21.97	228	2974722	31.843	ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	2958994	28.197	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014790.D
Acq On : 23 Apr 2018 23:40
Operator : SJ/JU
Sample : J2431-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 24 02:17:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Benzo(k)fluoranthene	23.66	252	2958994	29.323	ng/ul#	95
88) Benzo(a)pyrene	24.31	252	1838241	18.467	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.00	276	789954	6.560	ng/ul#	90
90) Dibenzo(a,h)anthracene	27.00	278	219447	2.164	ng/ul#	90
91) Benzo(g,h,i)perylene	27.79	276	577811	5.832	ng/ul#	90

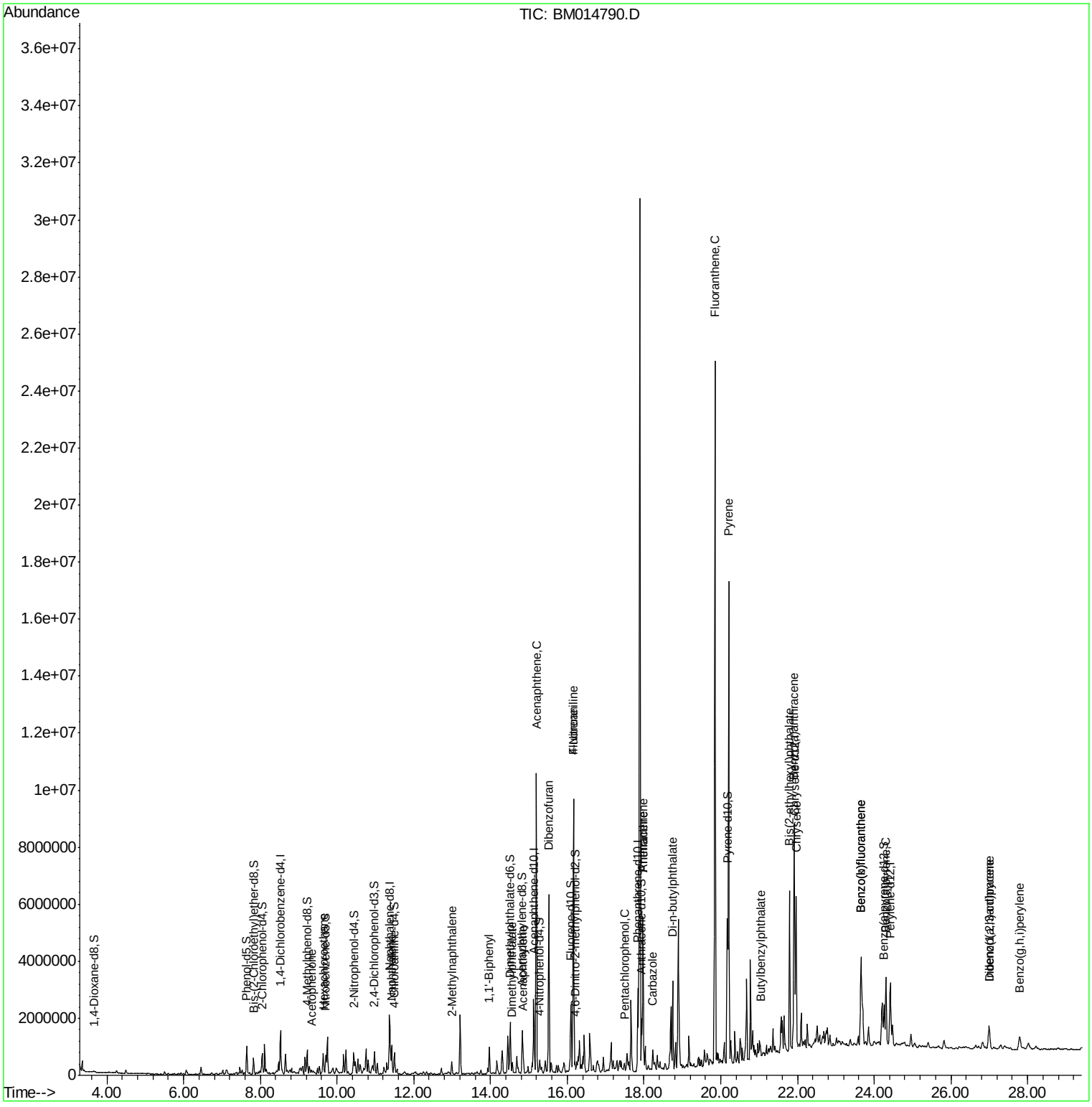
(#) = qualifier out of range (m) = manual integration (+) = signals summed

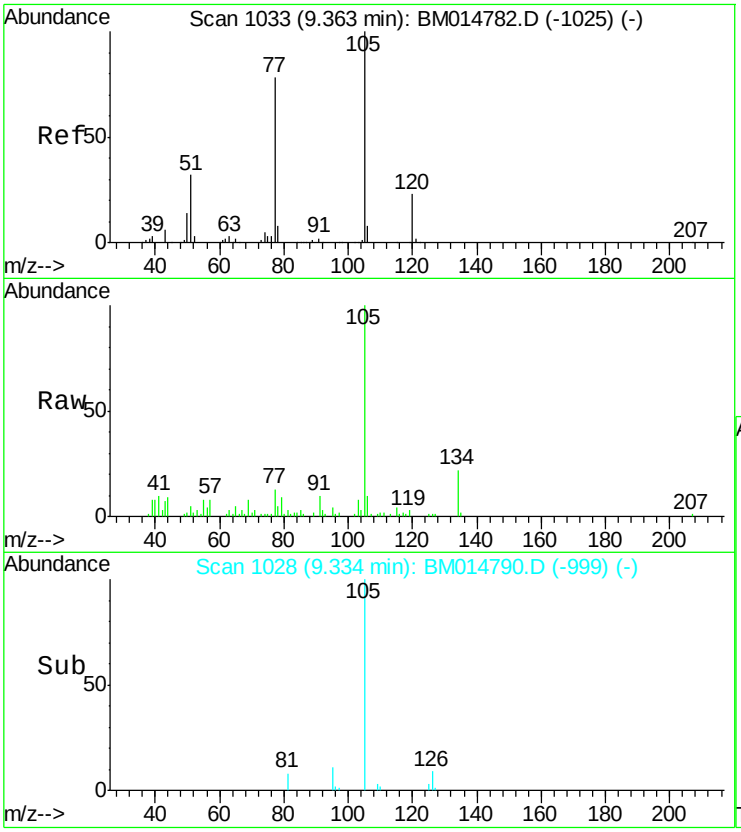
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014790.D
Acq On : 23 Apr 2018 23:40
Operator : SJ/JU
Sample : J2431-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 24 02:17:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



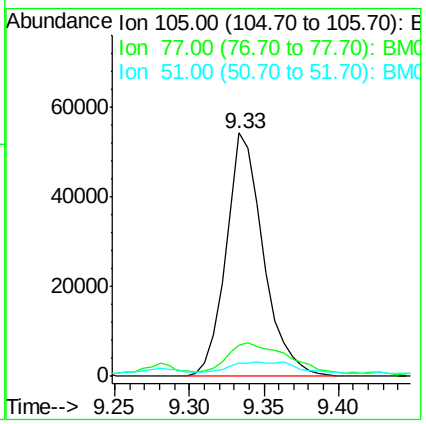


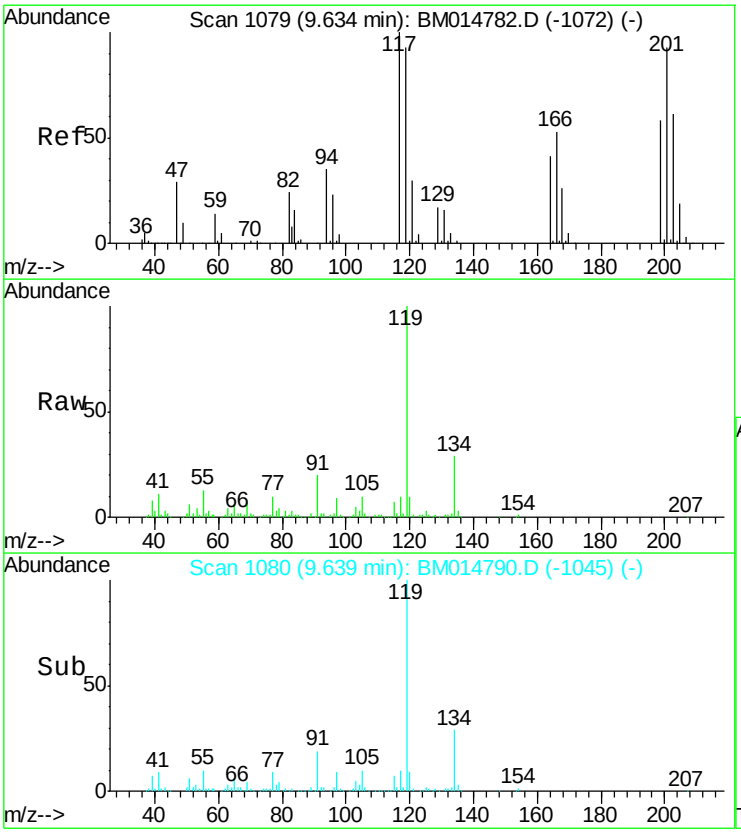
#14
Acetophenone
Concen: 2.586 ng/ul
RT: 9.33 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 94747

Ion	Ratio	Lower	Upper
105	100		
77	12.6	74.2	111.4#
51	5.2	23.4	35.2#

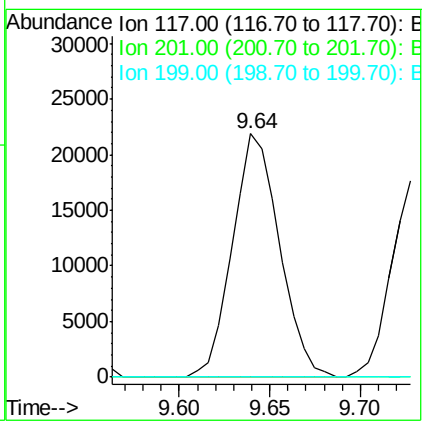


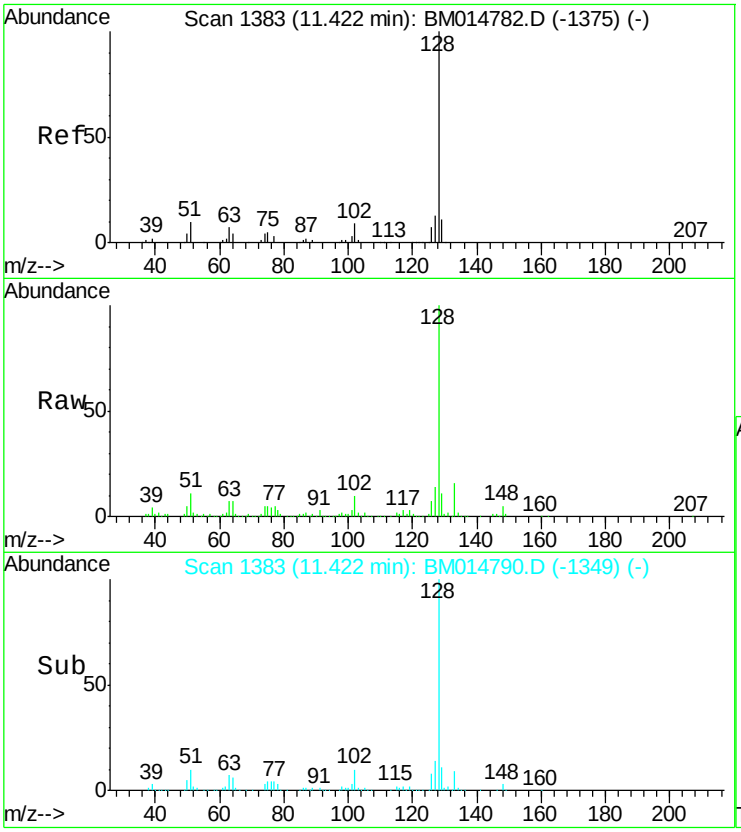


#17
Hexachloroethane
Concen: 3.731 ng/ul
RT: 9.64 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:117 Resp: 39416

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



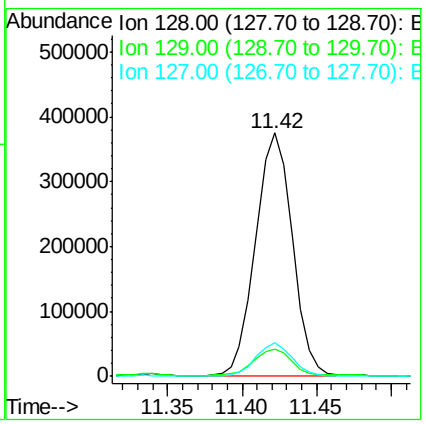


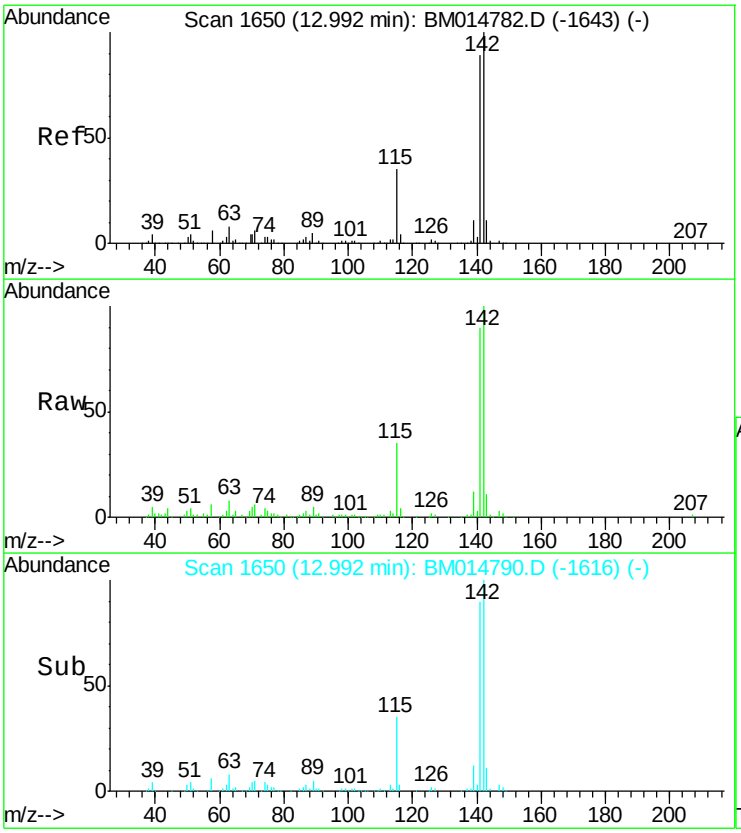
#28
Naphthalene
Concen: 7.896 ng/ul
RT: 11.42 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 640344

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.7	10.6	16.0

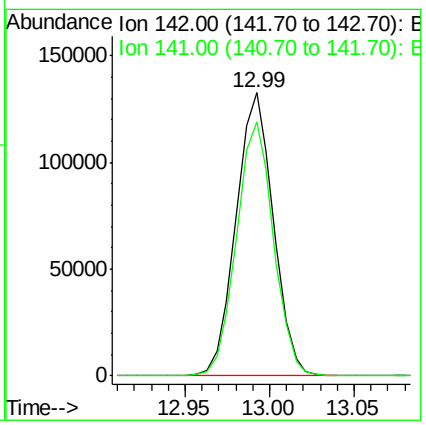


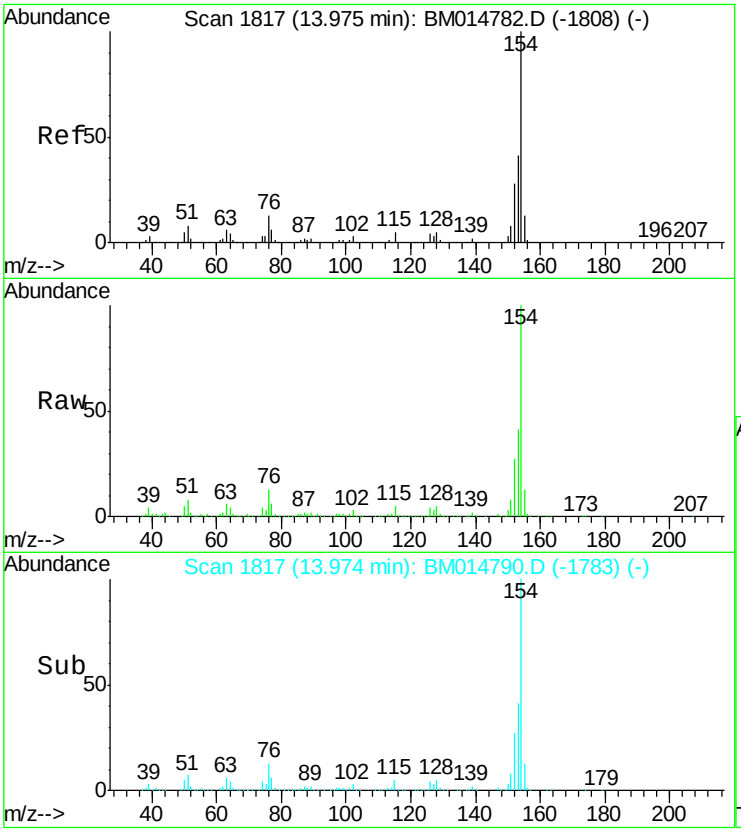


#34
2-Methylnaphthalene
Concen: 3.632 ng/ul
RT: 12.99 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:142 Resp: 204527

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.1	111.1



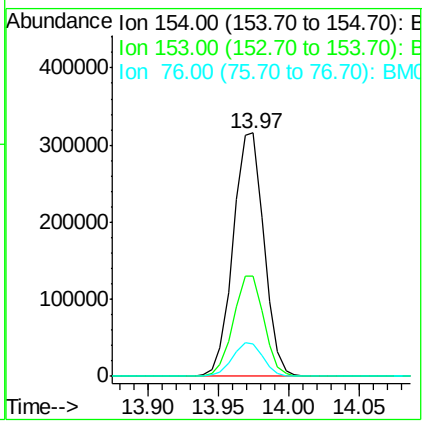


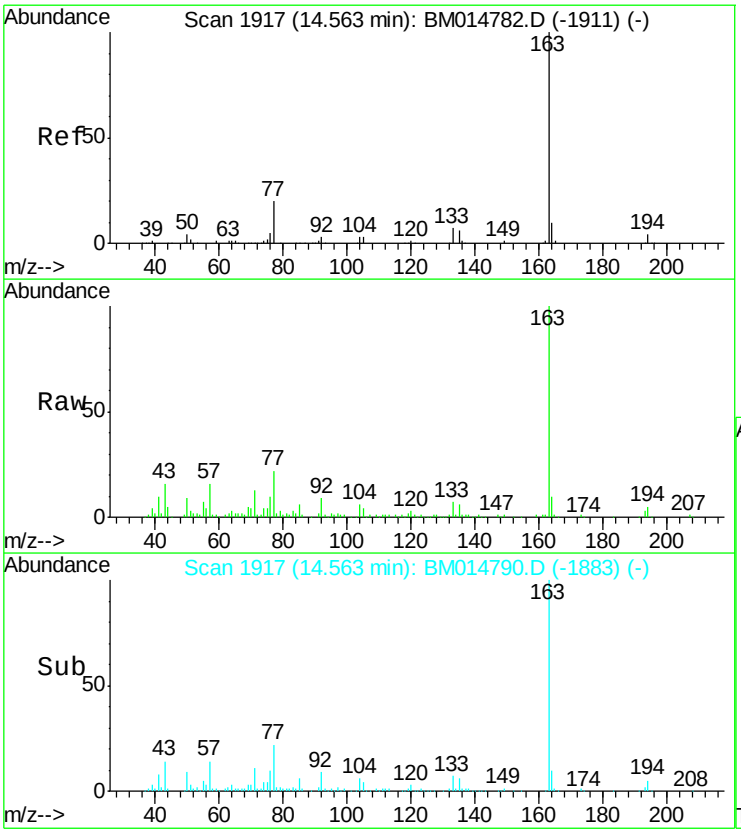
#40
1,1'-Biphenyl
Concen: 7.102 ng/ul
RT: 13.97 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 480045

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	48.8
76	13.1	8.5	12.7#

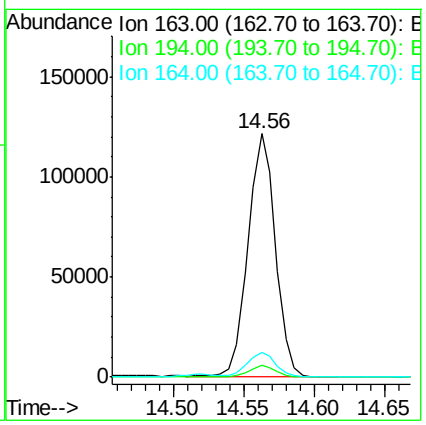


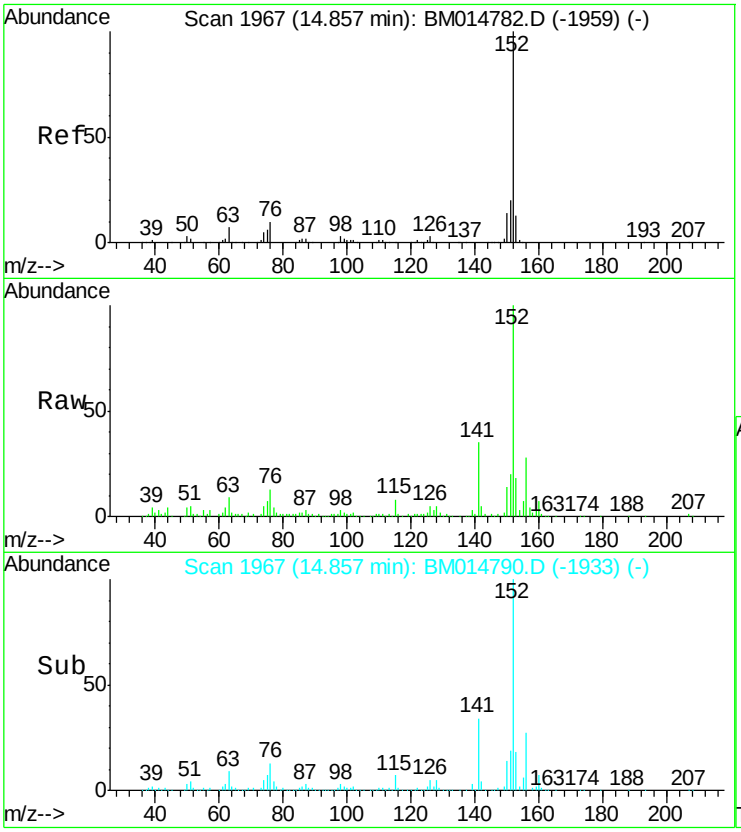


#44
Dimethylphthalate
Concen: 2.641 ng/ul
RT: 14.56 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:163 Resp: 167498

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.3	8.2	12.4



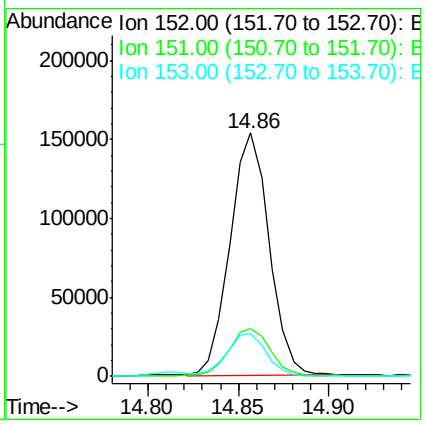


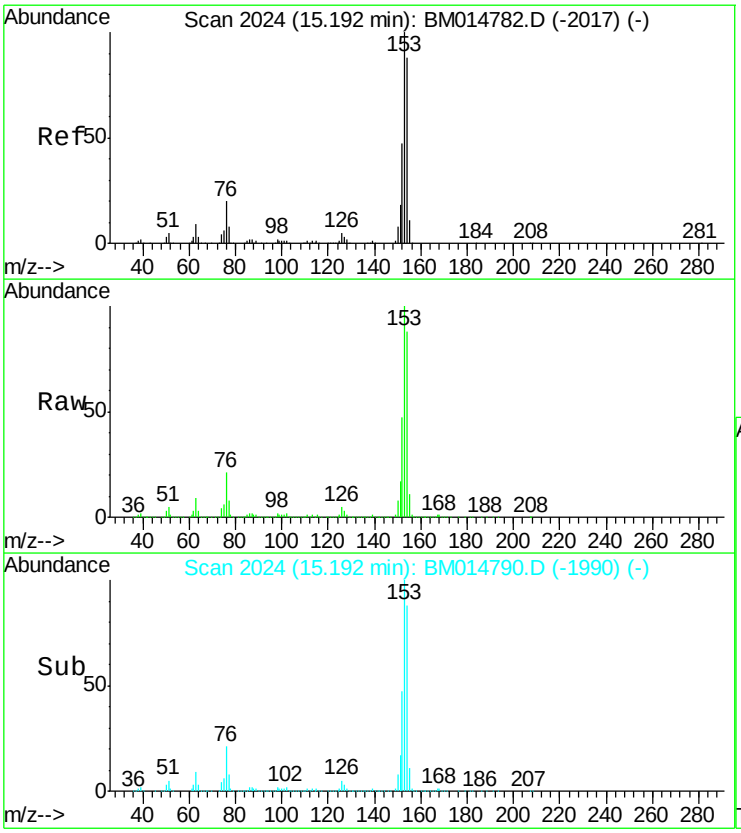
#47
Acenaphthylene
Concen: 2.935 ng/ul
RT: 14.86 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 230407

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	17.8	10.2	15.4#

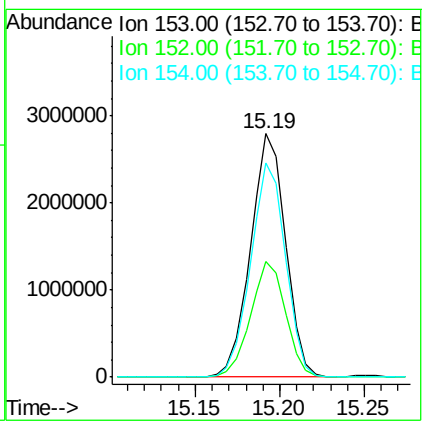


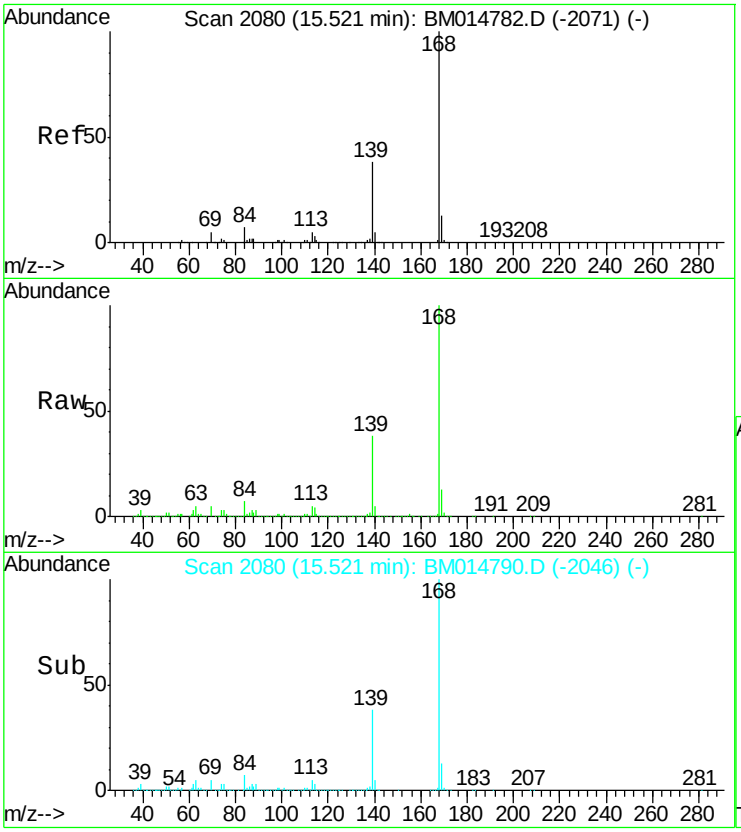


#49
Acenaphthene
Concen: 72.095 ng/ul
RT: 15.19 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:153 Resp: 4022010

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.6	56.4
154	88.1	70.4	105.6



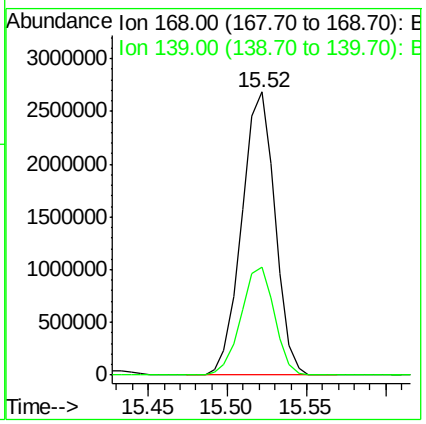


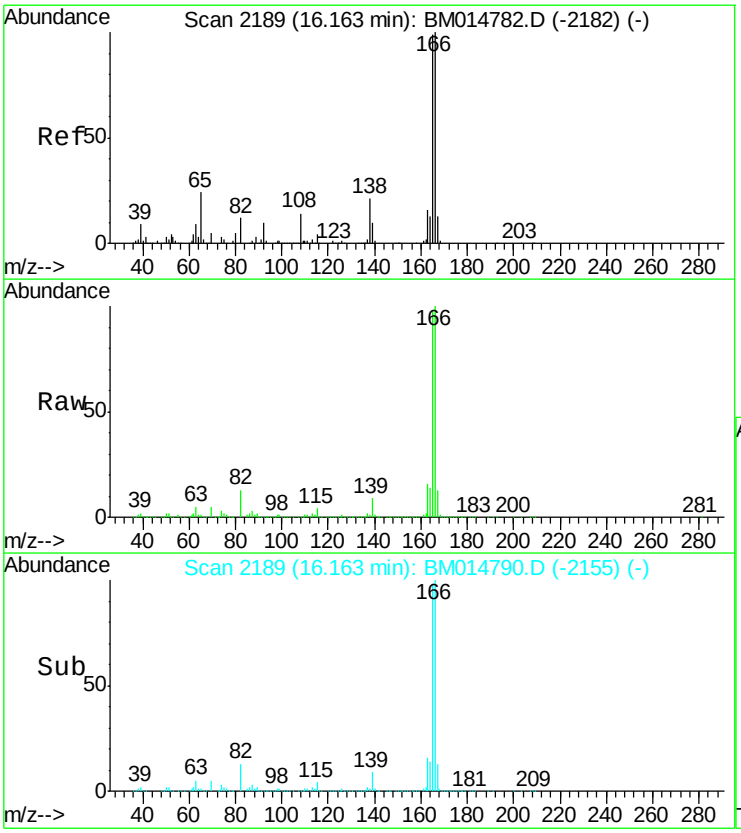
#53
Dibenzofuran
Concen: 50.452 ng/ul
RT: 15.52 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 3908504

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.8	46.2

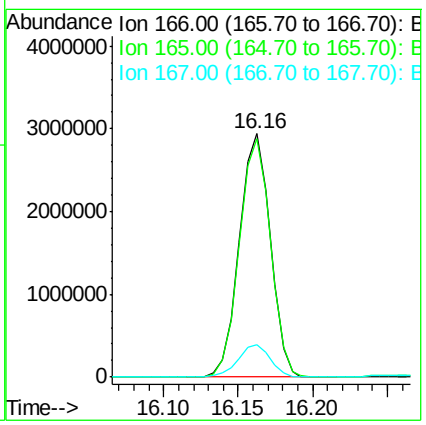


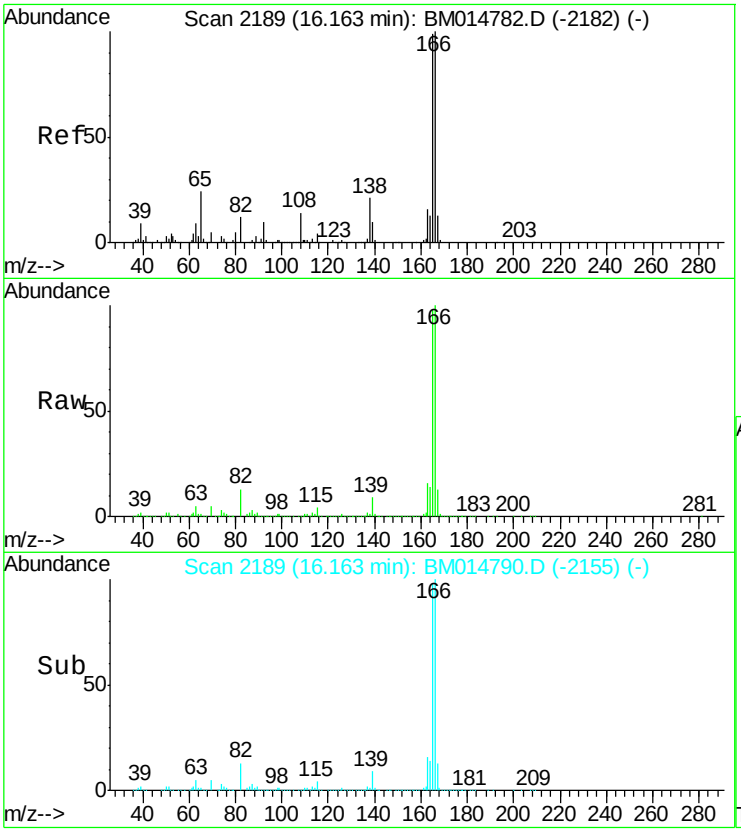


#58
Fluorene
Concen: 67.332 ng/ul
RT: 16.16 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:166 Resp: 4211857

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.4	10.6	16.0



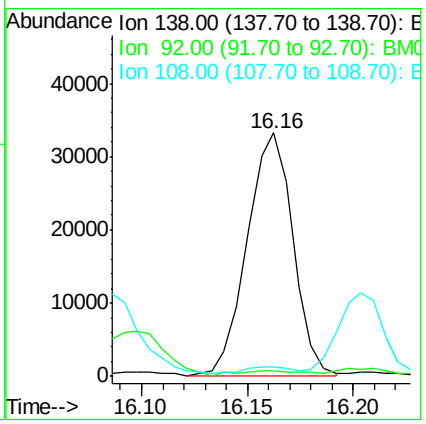


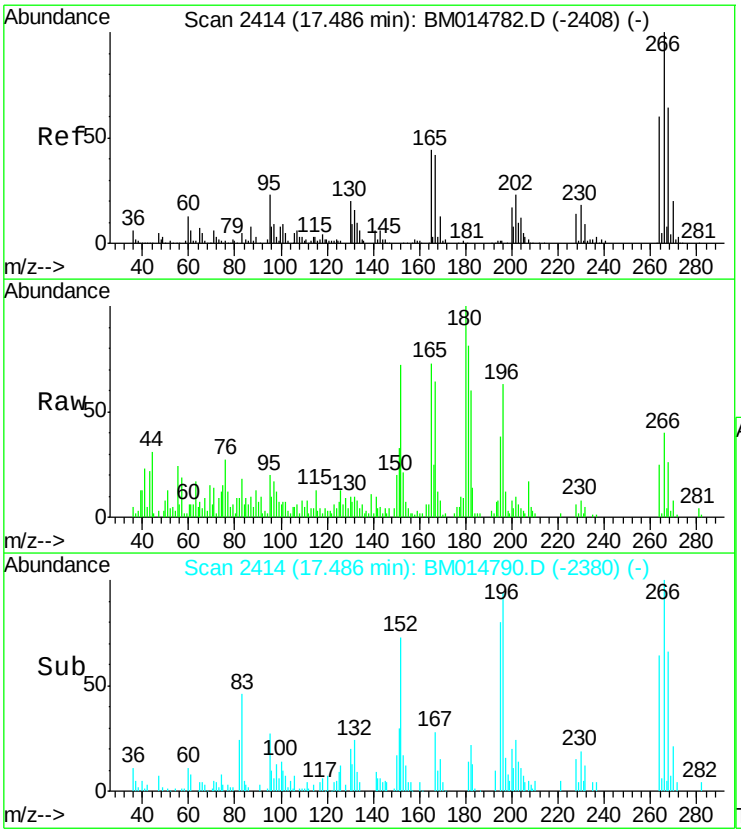
#60
4-Nitroaniline
Concen: 3.763 ng/ul
RT: 16.16 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 50262

Ion	Ratio	Lower	Upper
138	100		
92	2.5	40.0	60.0#
108	3.8	80.0	120.0#

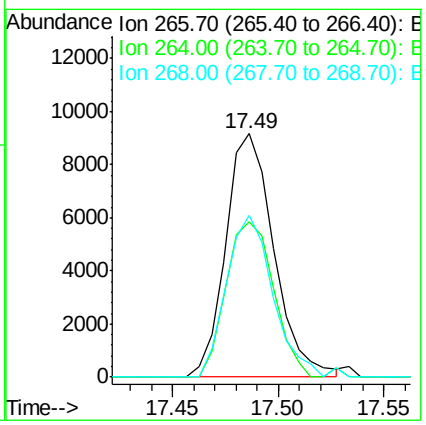


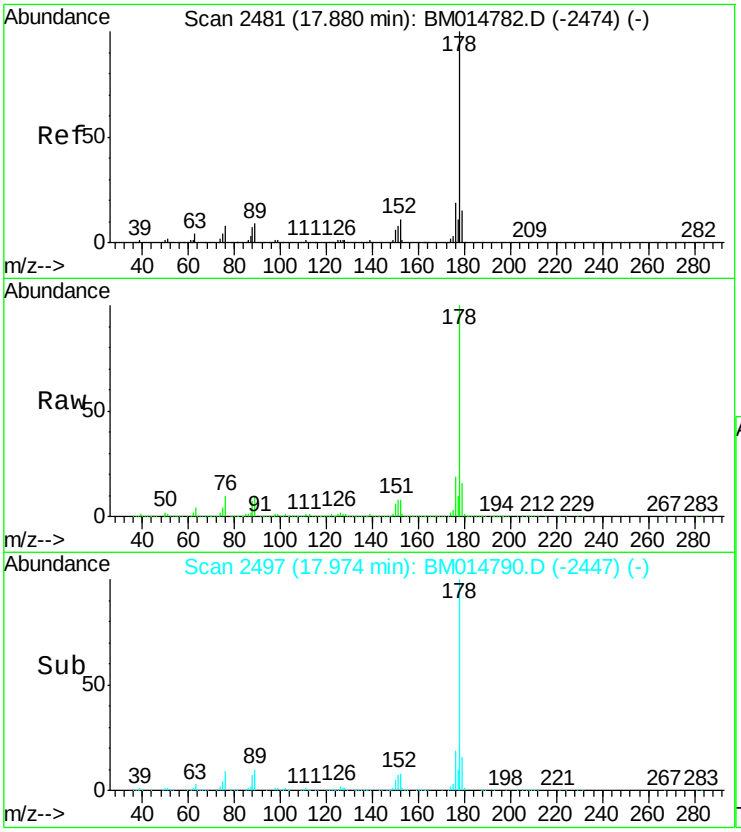


#68
Pentachlorophenol
Concen: 1.218 ng/ul
RT: 17.49 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:266 Resp: 14505

Ion	Ratio	Lower	Upper
266	100		
264	63.6	49.3	73.9
268	66.2	52.6	78.8



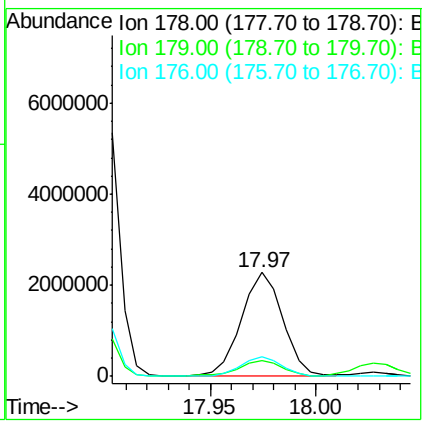


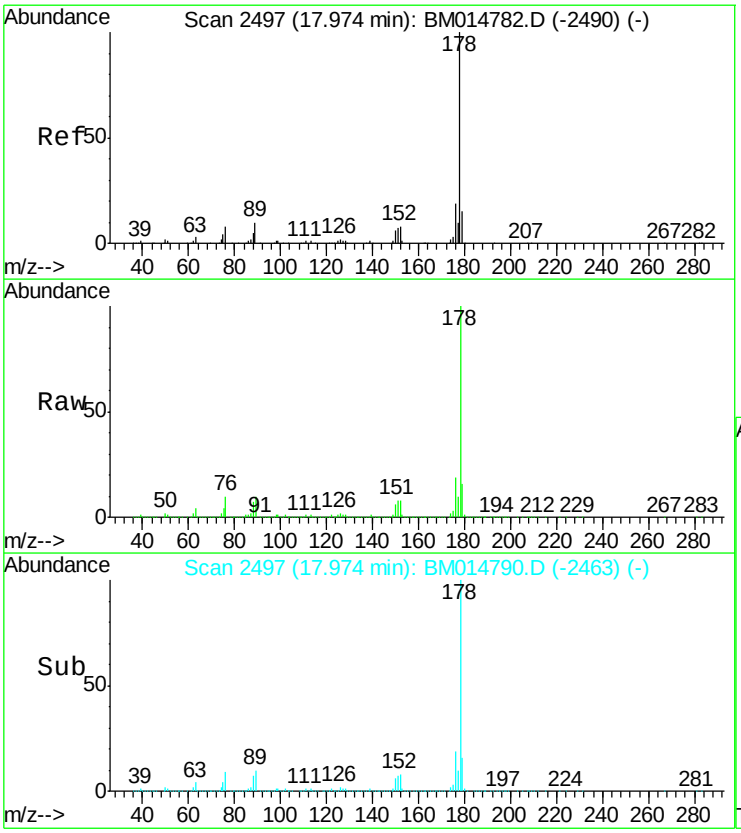
#69
Phenanthrene
Concen: 33.784 ng/ul
RT: 17.97 min Scan# 2497
Delta R.T. 0.09 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3096137

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.8	14.9	22.3

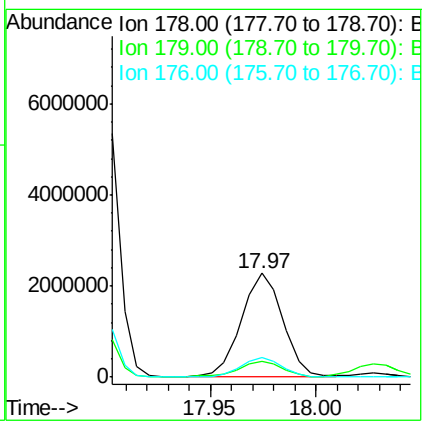


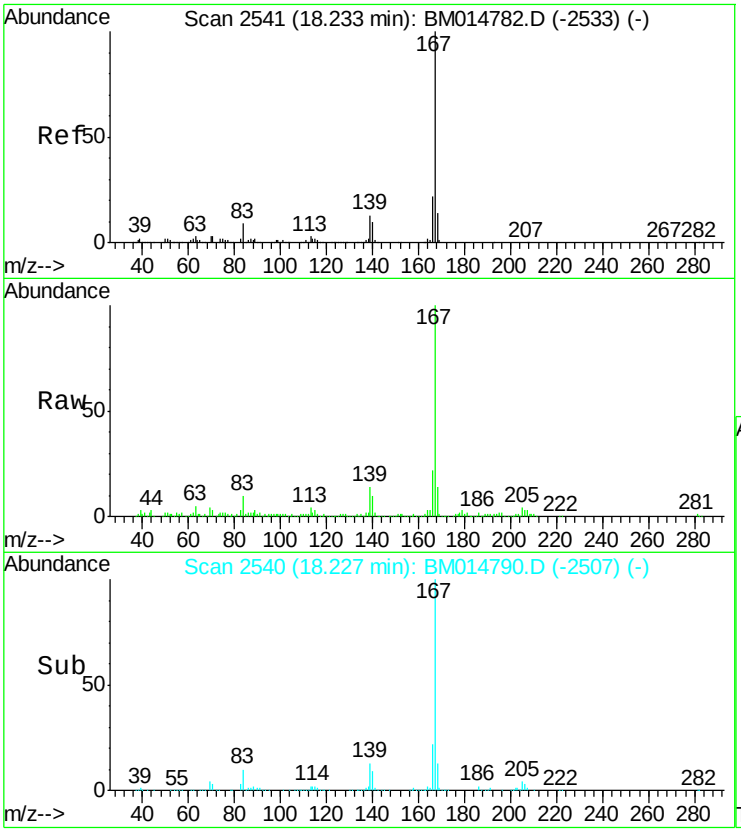


#71
Anthracene
Concen: 33.377 ng/ul
RT: 17.97 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:178 Resp: 3104283

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.8	14.6	21.8



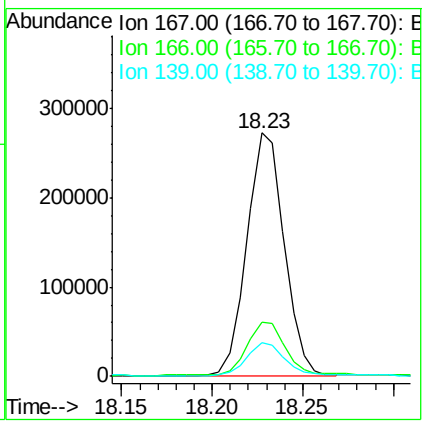


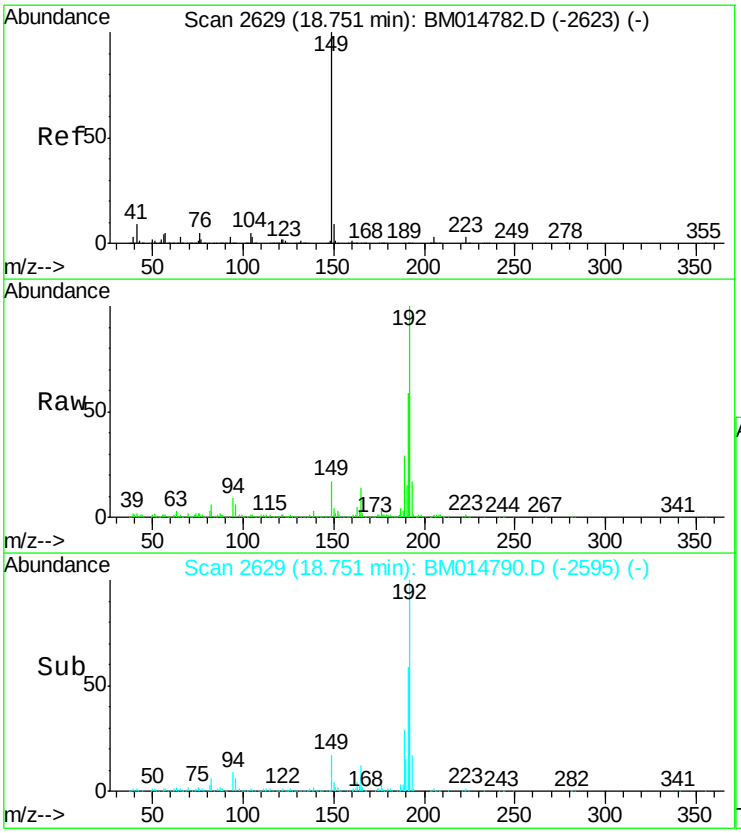
#72
Carbazole
Concen: 4.894 ng/ul
RT: 18.23 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 388334

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	13.8	10.0	15.0

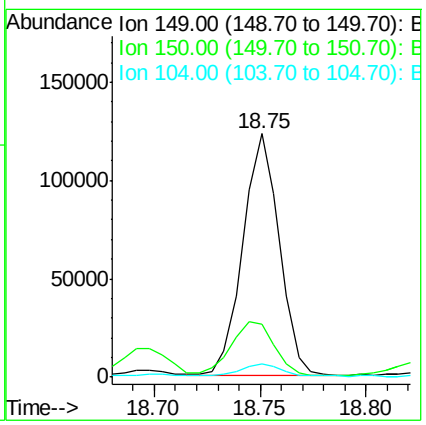


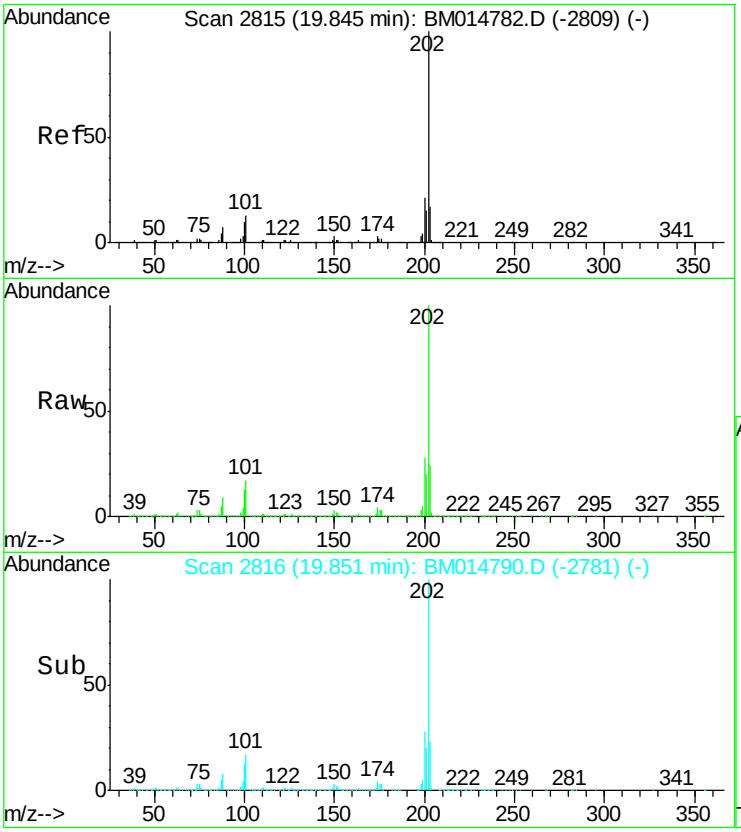


#73
Di-n-butylphthalate
Concen: 1.519 ng/ul
RT: 18.75 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:149 Resp: 146564

Ion	Ratio	Lower	Upper
149	100		
150	22.0	7.1	10.7#
104	5.5	5.6	8.4#



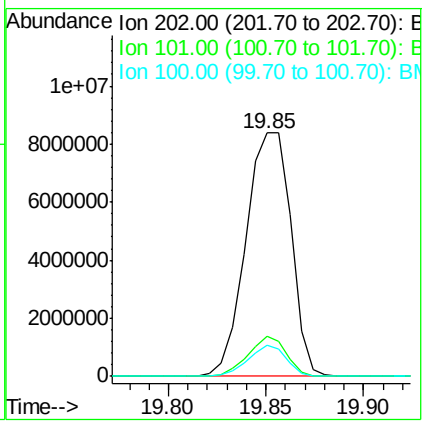


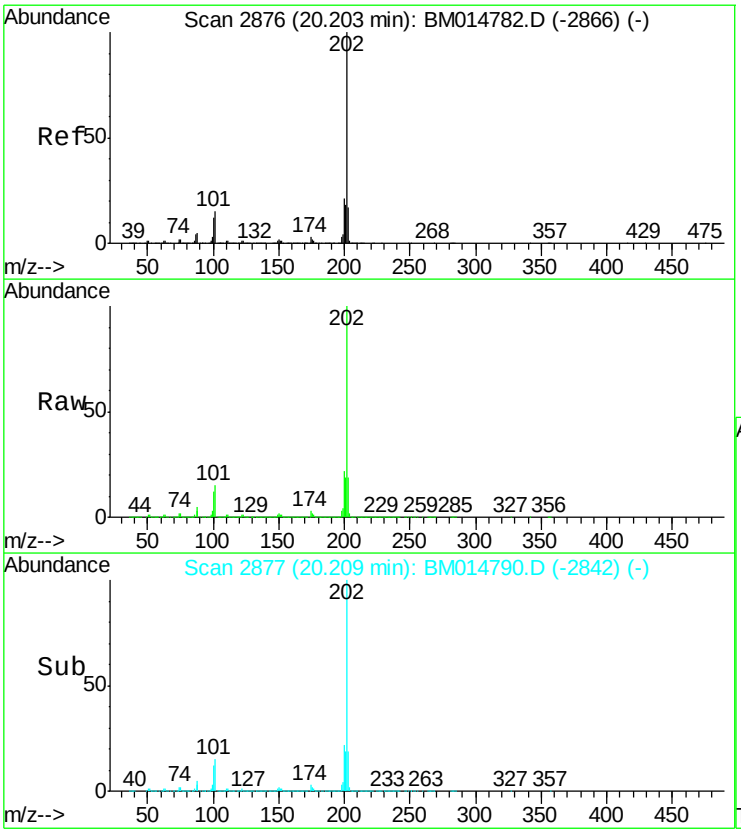
#74
Fluoranthene
Concen: 134.376 ng/ul
RT: 19.85 min Scan# 2816
Delta R.T. 0.01 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:13426406

Ion	Ratio	Lower	Upper
202	100		
101	16.7	4.6	7.0#
100	13.0	3.4	5.2#

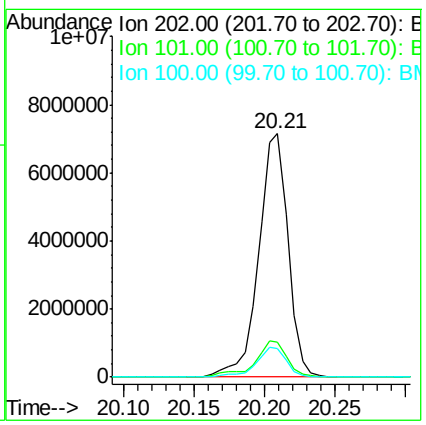


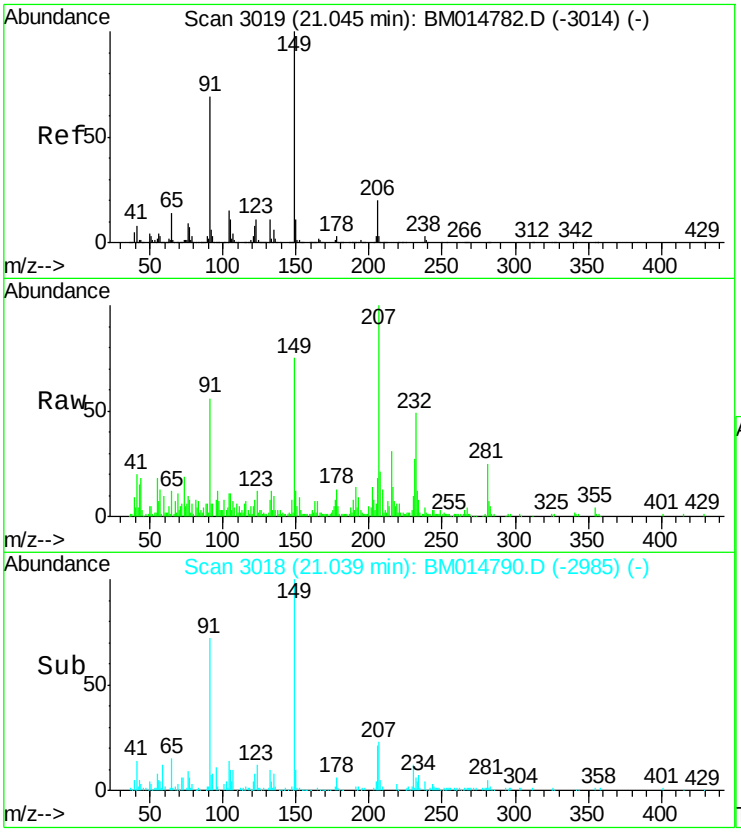


#77
Pyrene
Concen: 104.889 ng/ul
RT: 20.21 min Scan# 2877
Delta R.T. 0.01 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:202 Resp:10458002

Ion	Ratio	Lower	Upper
202	100		
101	14.5	5.1	7.7#
100	11.8	4.9	7.3#



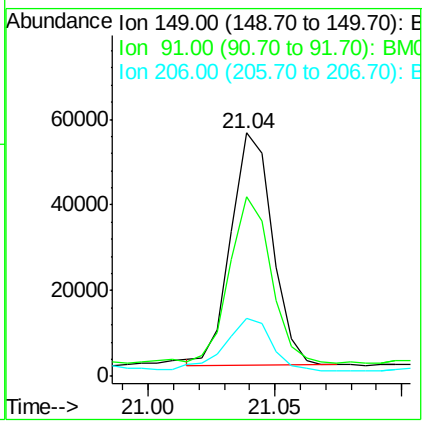


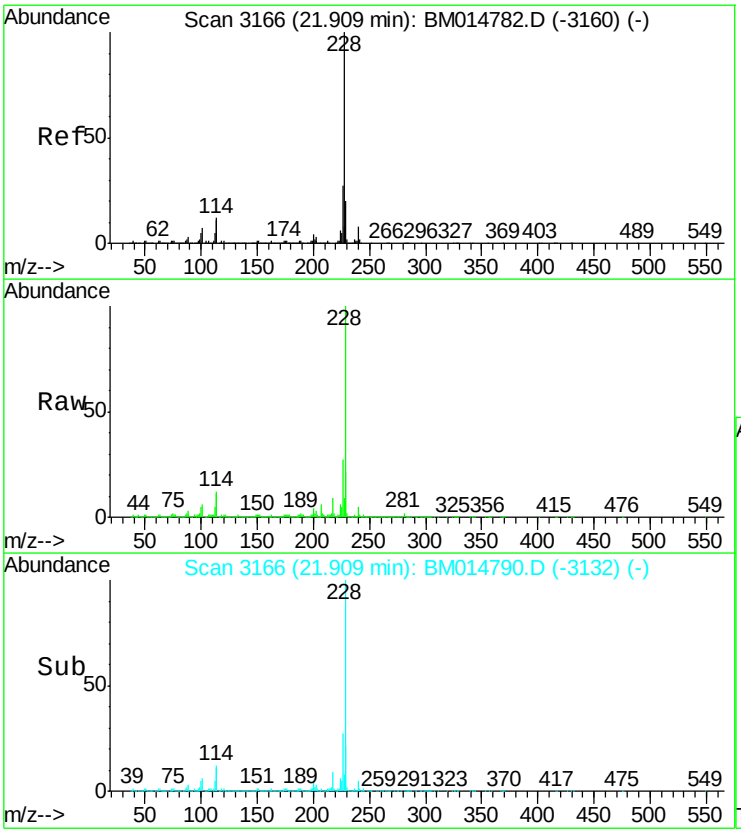
#78
Butylbenzylphthalate
Concen: 1.524 ng/ul
RT: 21.04 min Scan# 3018
Delta R.T. -0.01 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 61989

Ion	Ratio	Lower	Upper
149	100		
91	73.8	62.7	94.1
206	23.6	20.8	31.2

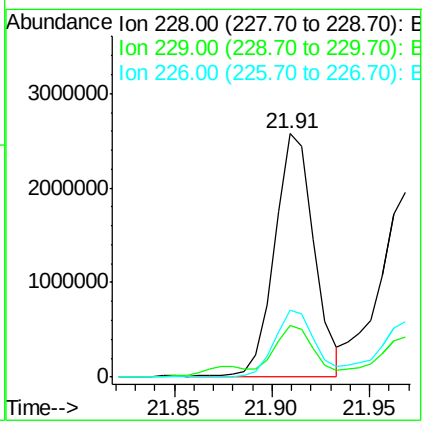


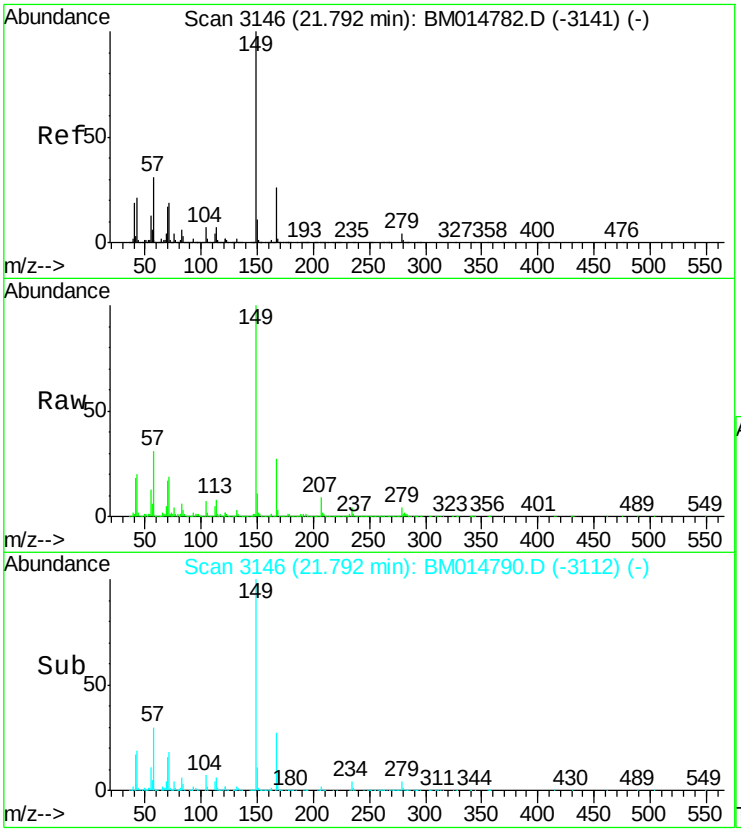


#80
Benzo(a)anthracene
Concen: 35.869 ng/ul
RT: 21.91 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:228 Resp: 3579356

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	27.3	21.4	32.0



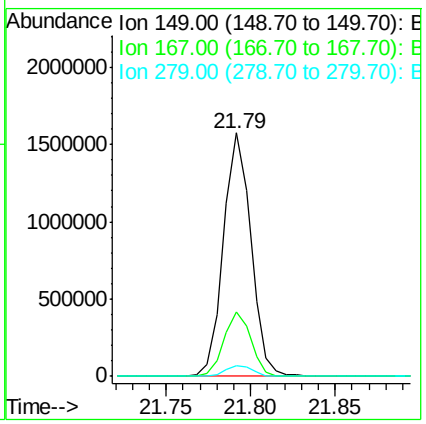


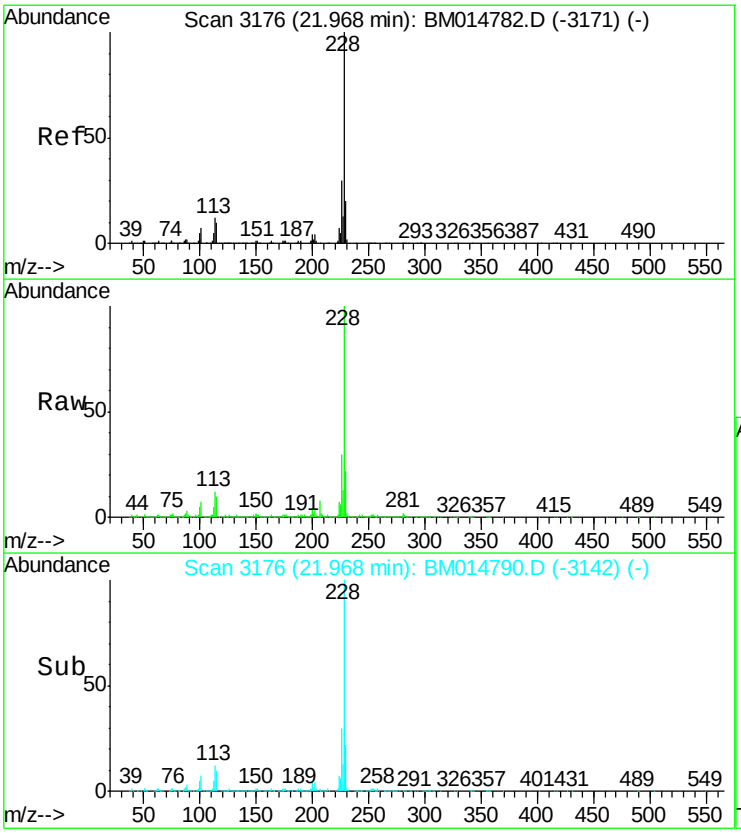
#81
Bis(2-ethylhexyl)phthalate
Concen: 29.565 ng/ul
RT: 21.79 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1765206

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.8	34.2
279	4.4	4.9	7.3#

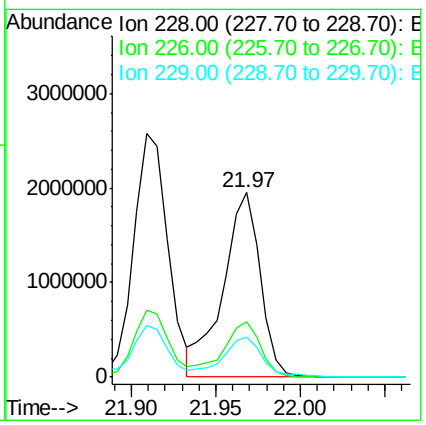


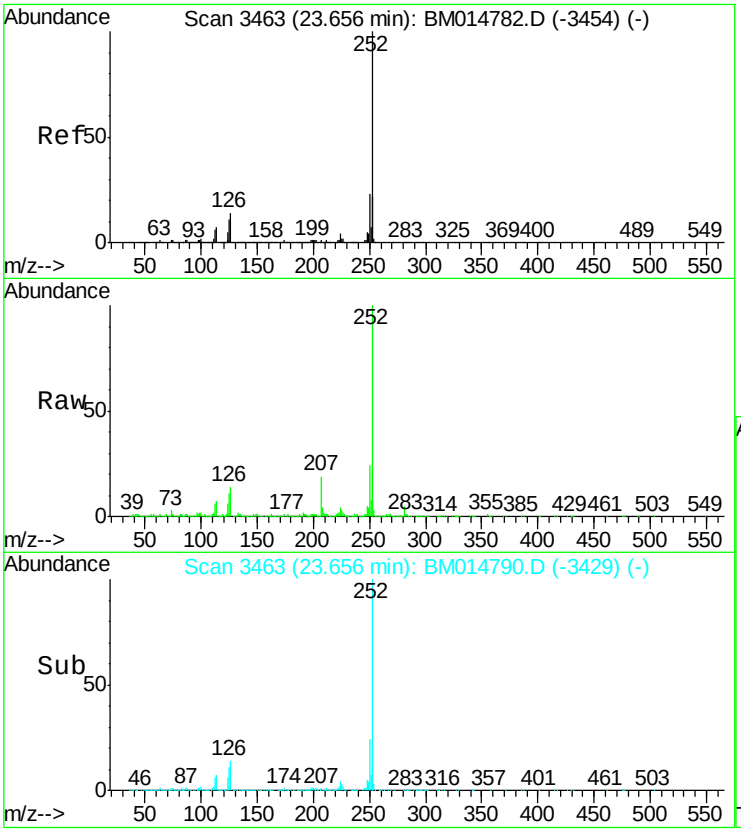


#82
Chrysene
Concen: 31.843 ng/ul
RT: 21.97 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:228 Resp: 2974722

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.0	15.5	23.3



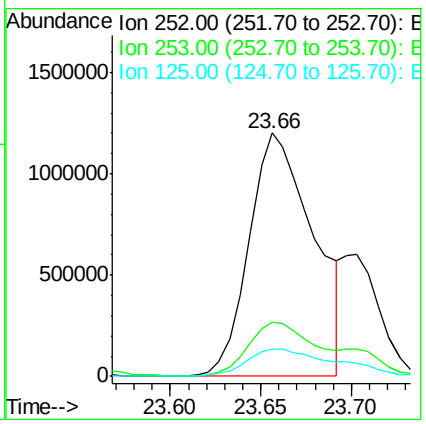


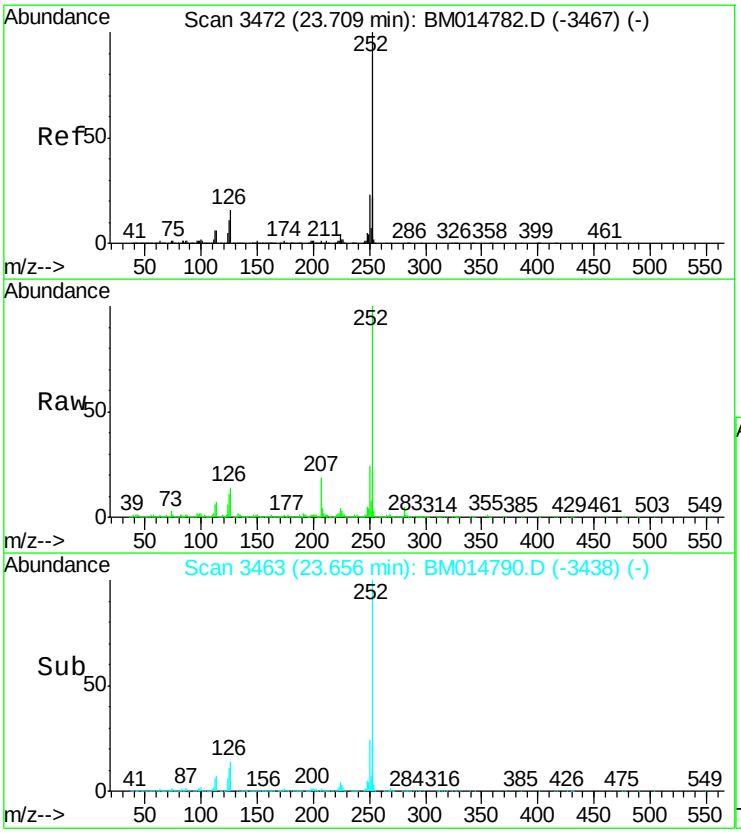
#85
Benzo(b)fluoranthene
Concen: 28.197 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2958994

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.5	3.6	5.4#

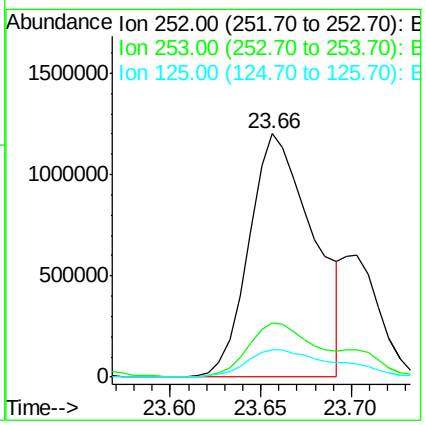


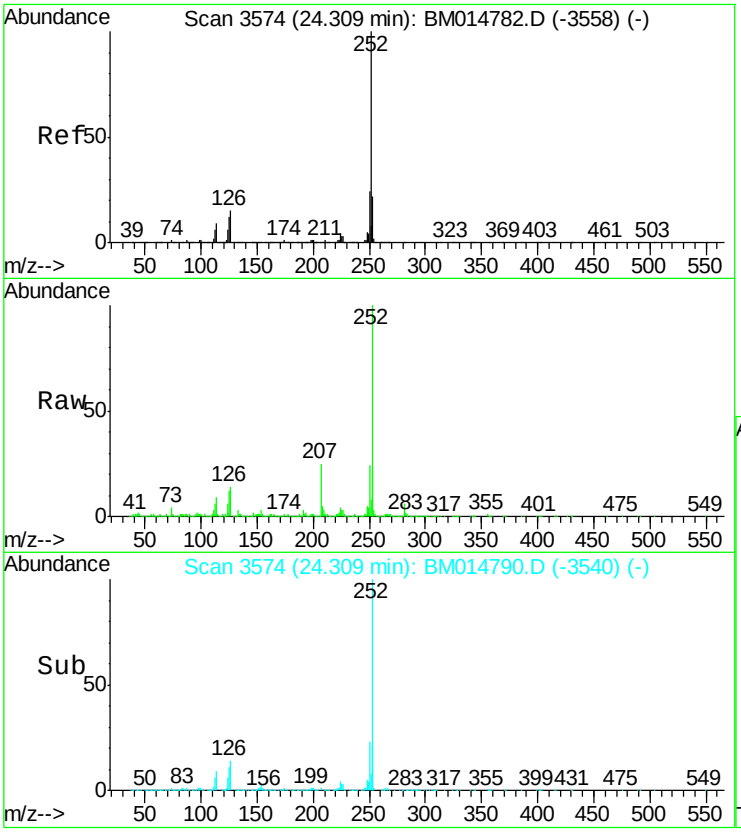


#86
Benzo(k)fluoranthene
Concen: 29.323 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:252 Resp: 2958994

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.5	3.4	5.2#



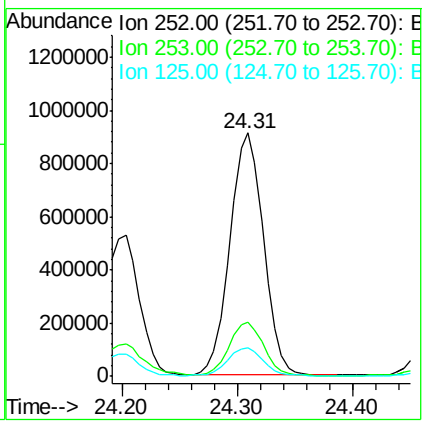


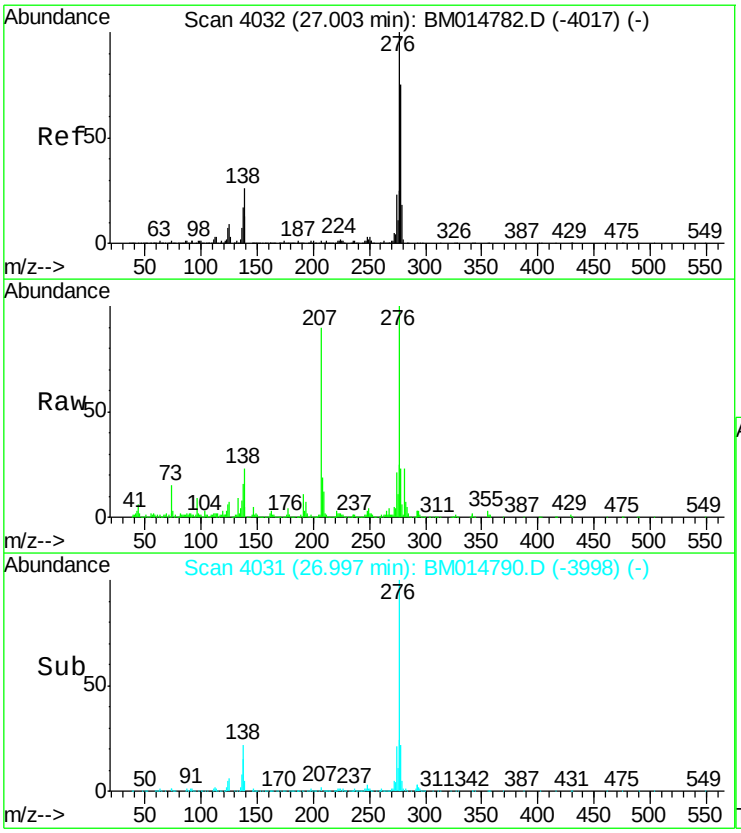
#88
Benzo(a)pyrene
Concen: 18.467 ng/ul
RT: 24.31 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1838241

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.7	4.0	6.0#

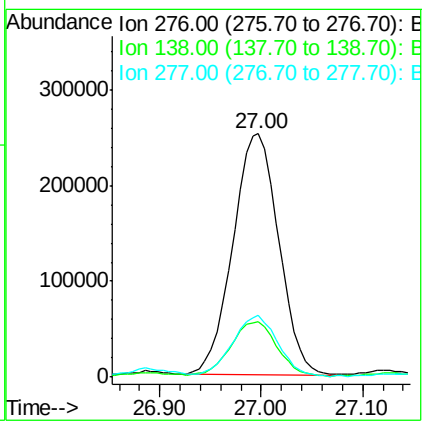


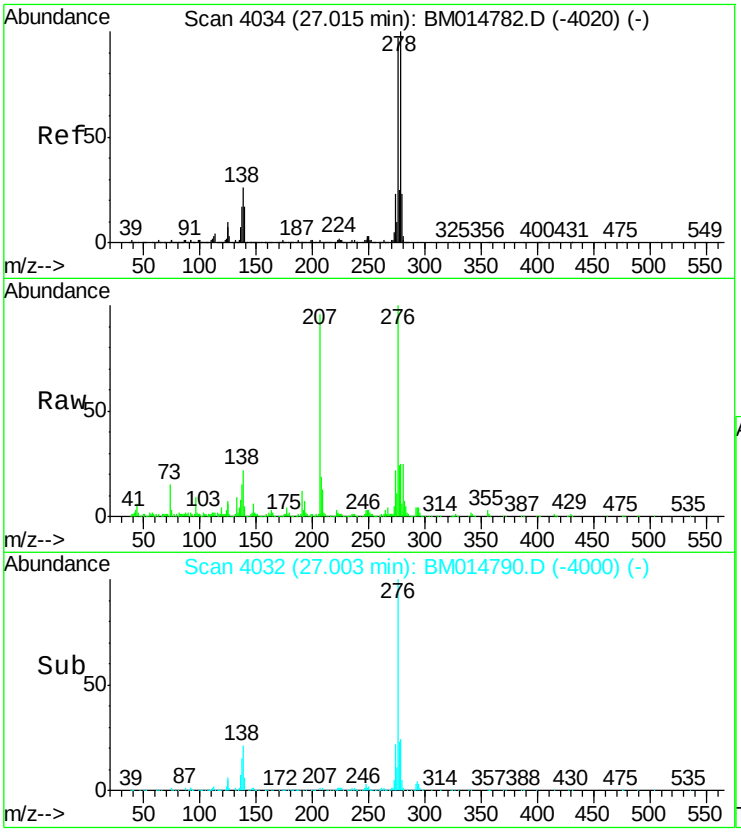


#89
Indeno(1,2,3-cd)pyrene
Concen: 6.560 ng/ul
RT: 27.00 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:276 Resp: 789954

Ion	Ratio	Lower	Upper
276	100		
138	22.7	9.3	13.9#
277	25.2	19.9	29.9



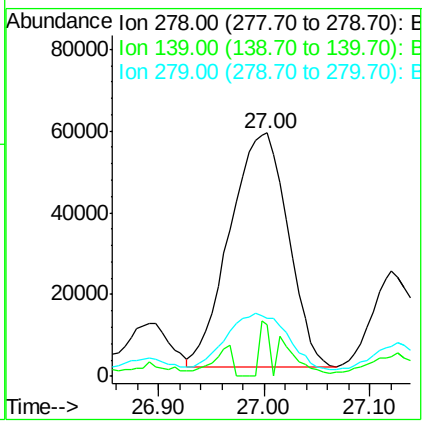


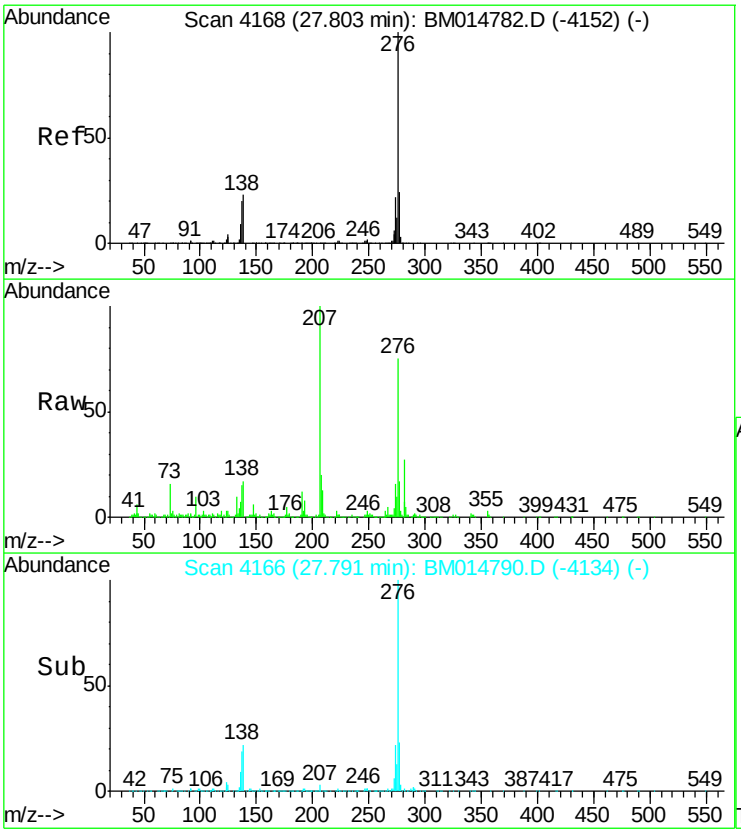
#90
Dibenzo(a,h)anthracene
Concen: 2.164 ng/ul
RT: 27.00 min Scan# 4032
Delta R.T. -0.01 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 219447

Ion	Ratio	Lower	Upper
278	100		
139	21.3	5.8	8.8#
279	23.7	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 5.832 ng/ul
RT: 27.79 min Scan# 4166
Delta R.T. -0.01 min
Lab File: BM014790.D
Acq: 23 Apr 2018 23:40

Tgt Ion:276 Resp: 577811

Ion	Ratio	Lower	Upper
276	100		
138	22.5	8.5	12.7#
277	23.3	18.6	28.0