Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014791.D
Acq On : 24 Apr 2018 00:16
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 24 02:17:57 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	393947	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1610452	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	832483	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	1711856	20.00	ng/ul	0.01
75) Chrysene-d12	21.93	240	1766243	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1798602	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	46640	5.17	ng/uL	0.00
5) Phenol-d5	7.65	99	868677	28.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	592408	30.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	718099	28.19	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	658791	27.13	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	338990	29.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	360056	31.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.98	165	630834	26.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	843306	36.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1802955	27.74	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2214060	27.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	266372	22.09	ng/ul	0.00
57) Fluorene-d10	16.10	176	1550125	27.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	156588	16.90	ng/ul	0.02
70) Anthracene-d10	17.96	188	2227728	27.92	ng/ul	0.02
76) Pyrene-d10	20.18	212	2468166	29.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2667684	30.19	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.68	94	53403	1.782	ng/ul#	84
14) Acetophenone	9.33	105	54676	1.536	ng/ul#	31
15) N-Nitroso-di-n-propylamine	9.28	70	34331	1.859	ng/ul#	62
17) Hexachloroethane	9.65	117	14561	1.419	ng/ul#	1
28) Naphthalene	11.42	128	178865	2.279	ng/ul#	93
34) 2-Methylnaphthalene	12.99	142	761238	13.968	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	973222	14.538	ng/ul#	97
44) Dimethylphthalate	14.56	163	335219	5.336	ng/ul	99
47) Acenaphthylene	14.86	152	355098	4.568	ng/ul#	88
49) Acenaphthene	15.20	153	5825148	105.433	ng/ul	98
53) Dibenzofuran	15.52	168	8682580	113.170	ng/ul	99
54) 2,4-Dinitrotoluene	15.43	165	122971	7.244	ng/ul#	72
58) Fluorene	16.17	166	14274478	230.418	ng/ul#	97
60) 4-Nitroaniline	16.17	138	175551	13.273	ng/ul#	13
64) N-Nitrosodiphenylamine	16.36	169	87533	1.763	ng/ul#	1
69) Phenanthrene	17.99	178	13427354	146.054	ng/ul#	91
71) Anthracene	17.99	178	13427354	143.914	ng/ul#	89
72) Carbazole	18.23	167	299399	3.762	ng/ul	92
73) Di-n-butylphthalate	18.75	149	99124	1.024	ng/ul#	1
74) Fluoranthene	19.75	202	106322	1.061	ng/ul#	1
77) Pyrene	20.11	202	104346	1.011	ng/ul#	76
78) Butylbenzylphthalate	21.04	149	160261	3.807	ng/ul	93
80) Benzo(a)anthracene	21.92	228	11448060	110.838	ng/ul	94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Sample : J2431-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 24 02:17:57 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)
81) Bis(2-ethylhexyl)phthalate	21.79	149	4903846	79.352	ng/ul#	98
82) Chrysene	21.92	228	11448060	118.398	ng/ul	97
84) Di-n-octyl phthalate	22.75	149	254341	2.459	ng/ul#	87
85) Benzo(b)fluoranthene	23.67	252	7308953	68.935	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	7308953	71.688	ng/ul#	94
88) Benzo(a)pyrene	24.32	252	4708086	46.812	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.00	276	1658998	13.635	ng/ul#	90
90) Dibenzo(a,h)anthracene	27.00	278	481299	4.698	ng/ul#	92
91) Benzo(g,h,i)perylene	27.80	276	1183448	11.823	ng/ul#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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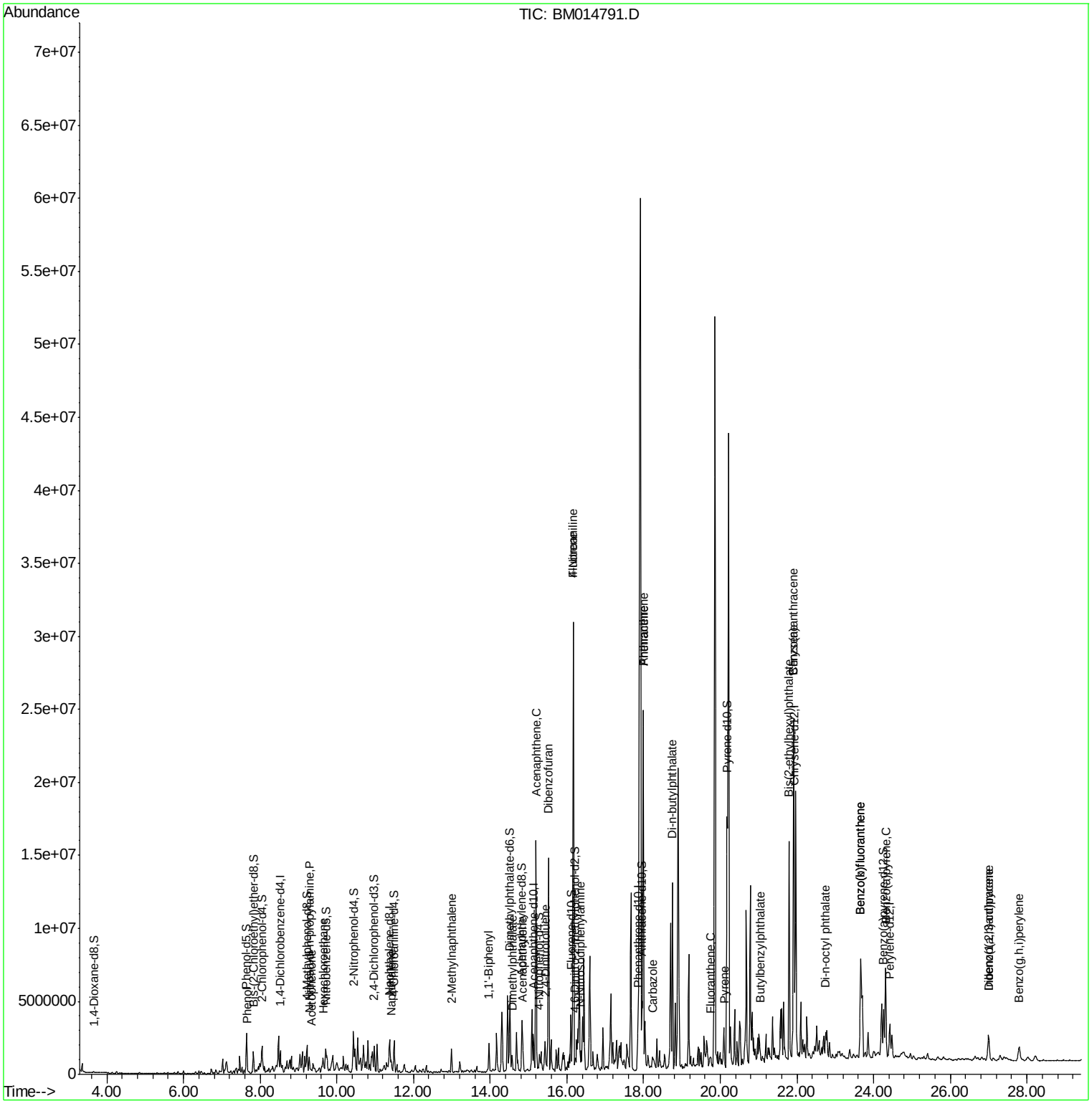
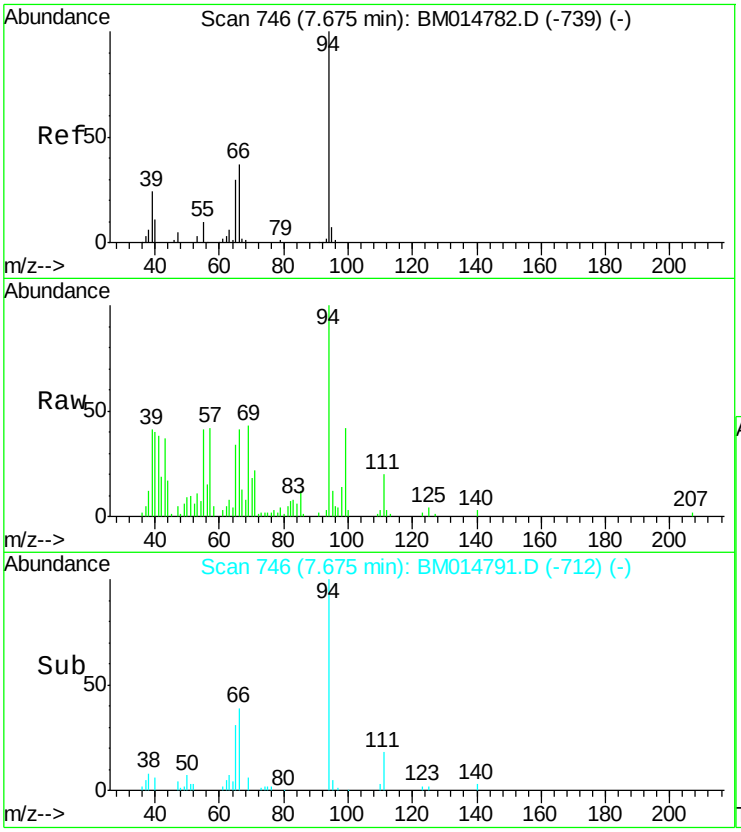
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



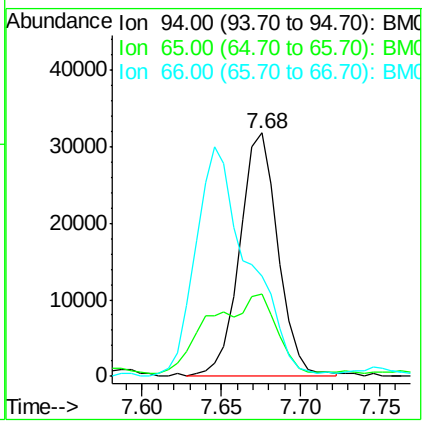


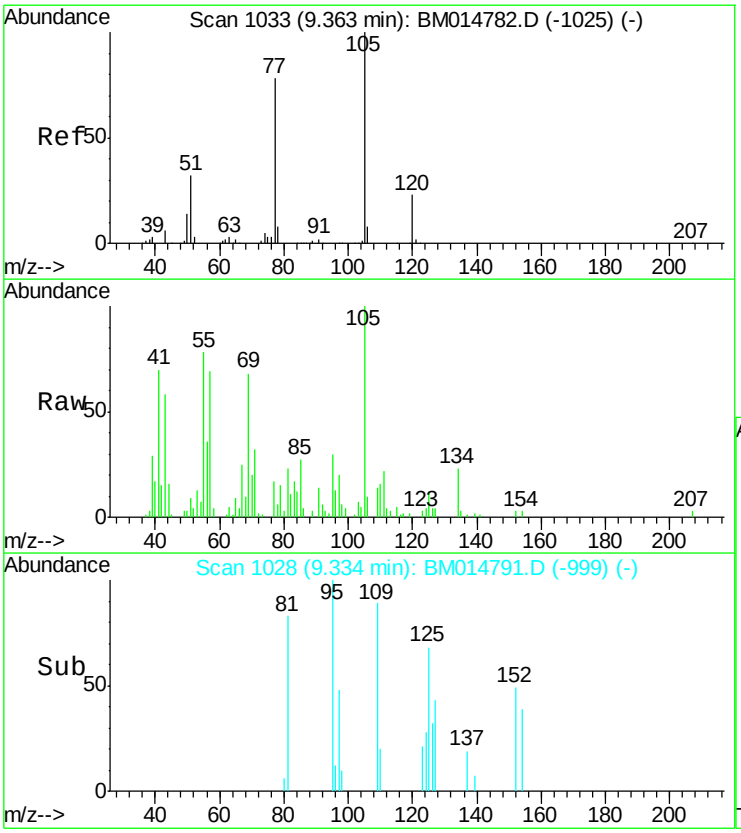
#6
Phenol
Concen: 1.782 ng/ul
RT: 7.68 min Scan# 746
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 53403

Ion	Ratio	Lower	Upper
94	100		
65	33.9	28.2	42.4
66	41.4	47.2	70.8#

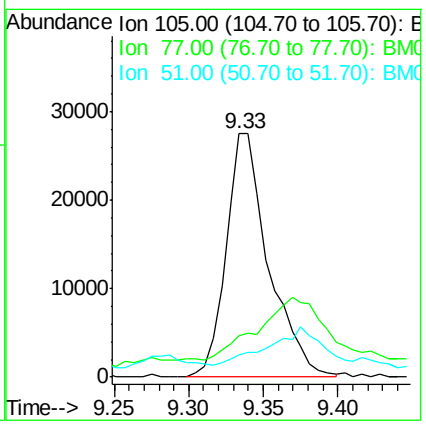


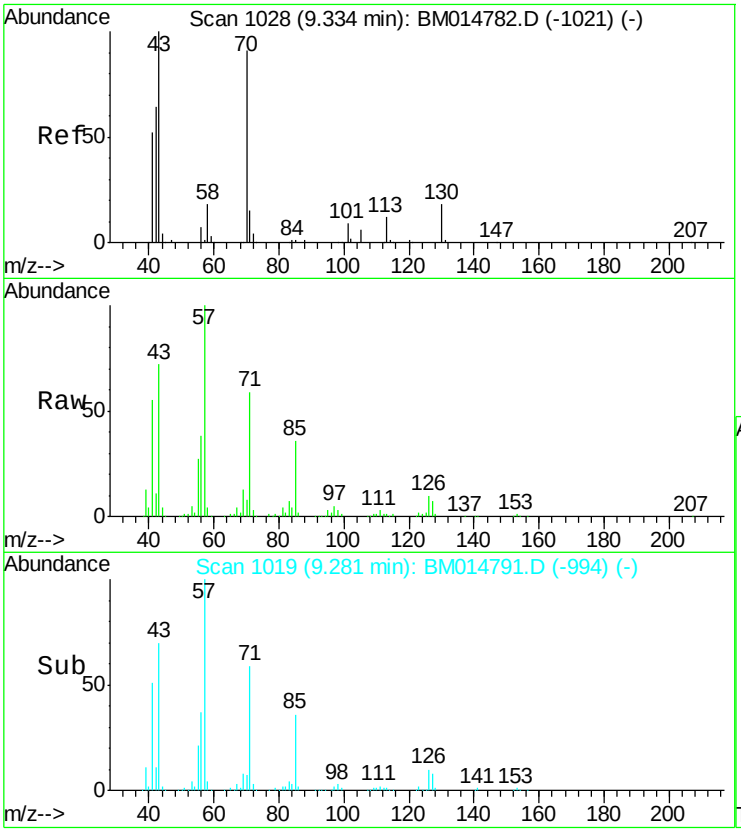


#14
Acetophenone
Concen: 1.536 ng/ul
RT: 9.33 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:105 Resp: 54676

Ion	Ratio	Lower	Upper
105	100		
77	17.0	74.2	111.4#
51	9.1	23.4	35.2#



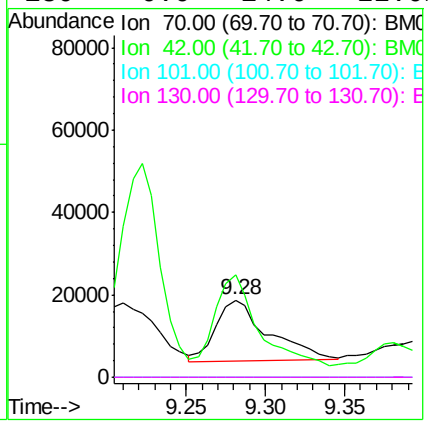


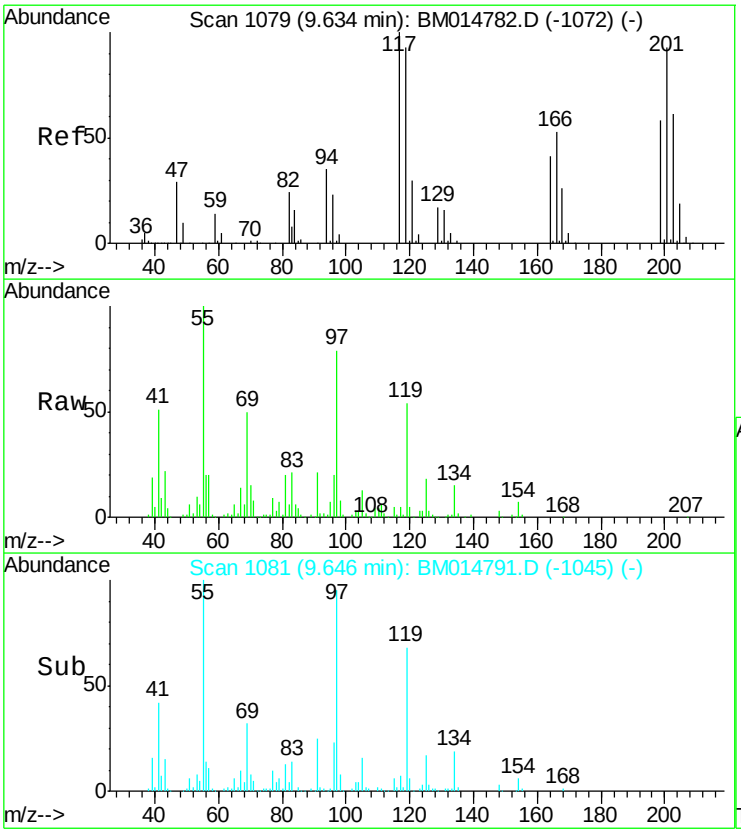
#15
N-Nitroso-di-n-propylamine
Concen: 1.859 ng/ul
RT: 9.28 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 34331

Ion	Ratio	Lower	Upper
70	100		
42	132.7	76.0	114.0#
101	0.0	6.7	10.1#
130	0.0	14.6	22.0#

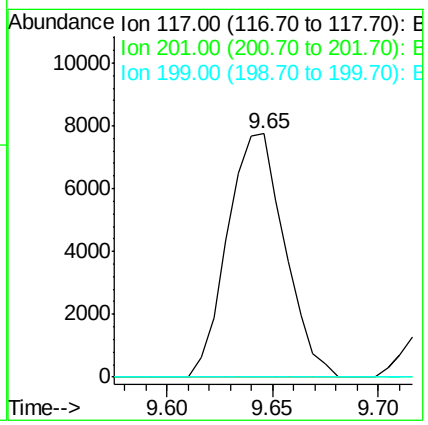


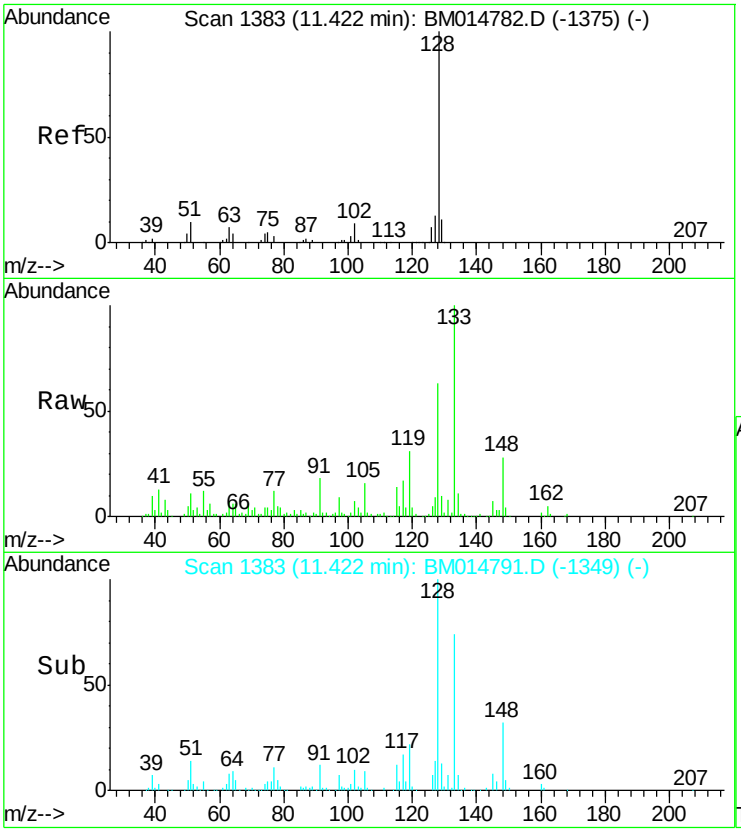


#17
Hexachloroethane
Concen: 1.419 ng/ul
RT: 9.65 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:117 Resp: 14561

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



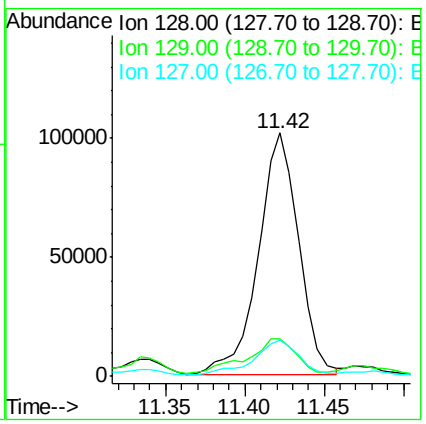


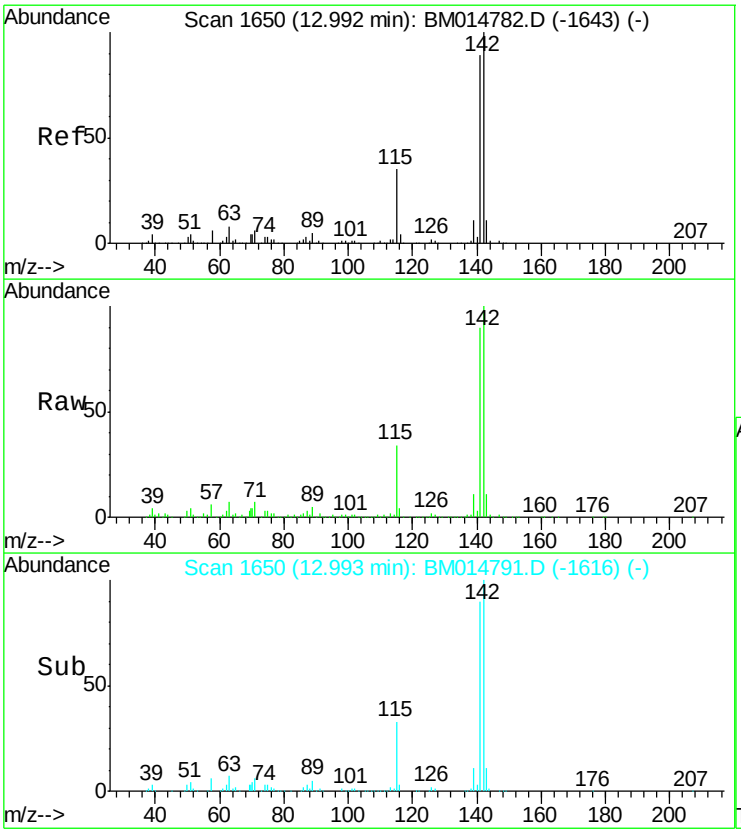
#28
Naphthalene
Concen: 2.279 ng/ul
RT: 11.42 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 178865

Ion	Ratio	Lower	Upper
128	100		
129	15.3	8.8	13.2#
127	14.9	10.6	16.0

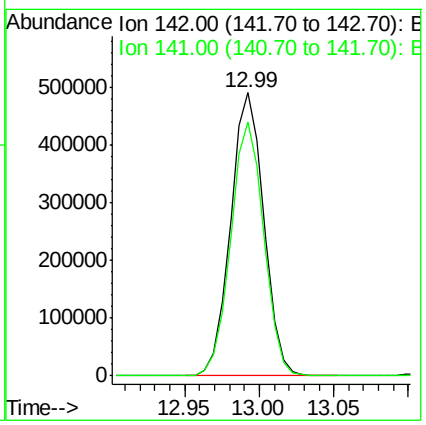


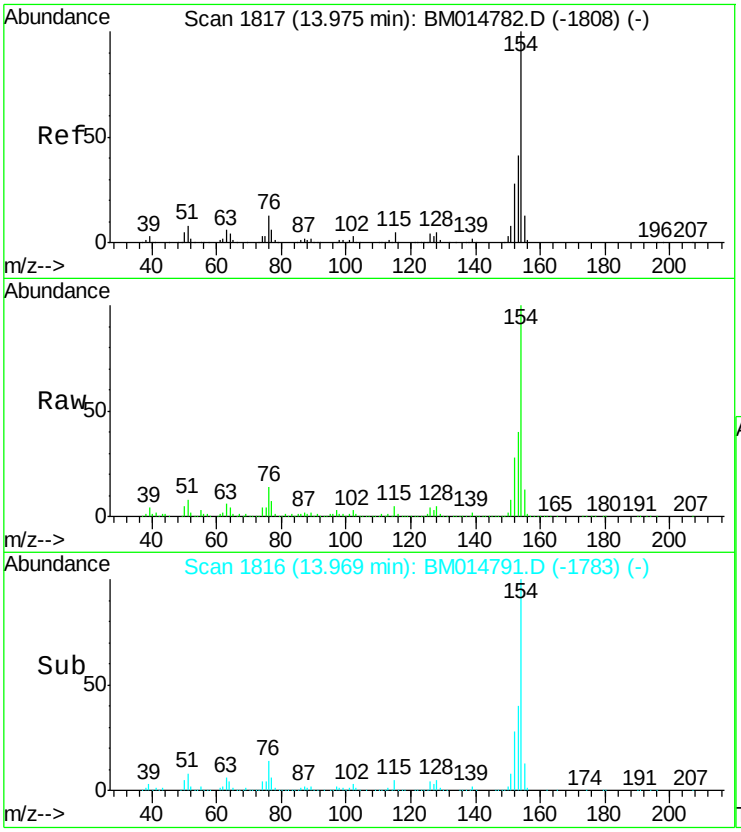


#34
2-Methylnaphthalene
Concen: 13.968 ng/ul
RT: 12.99 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:142 Resp: 761238

Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.1	111.1



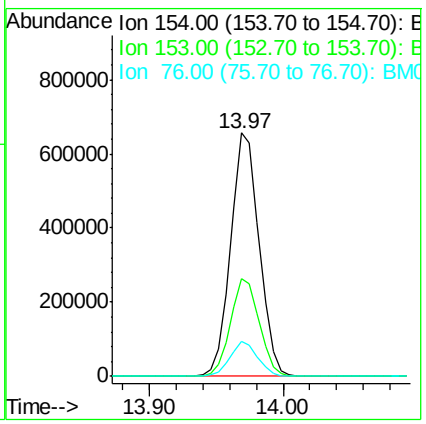


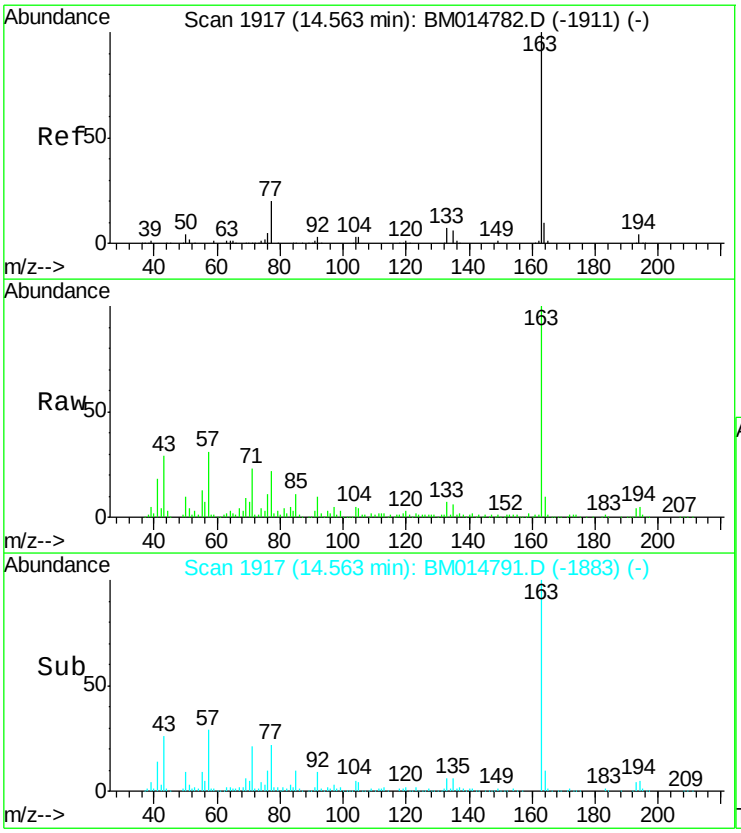
#40
1,1'-Biphenyl
Concen: 14.538 ng/ul
RT: 13.97 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 973222

Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.6	48.8
76	14.2	8.5	12.7#

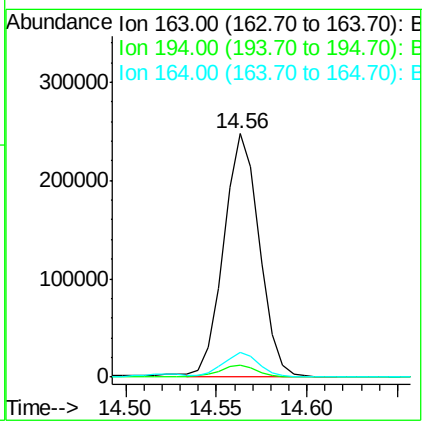


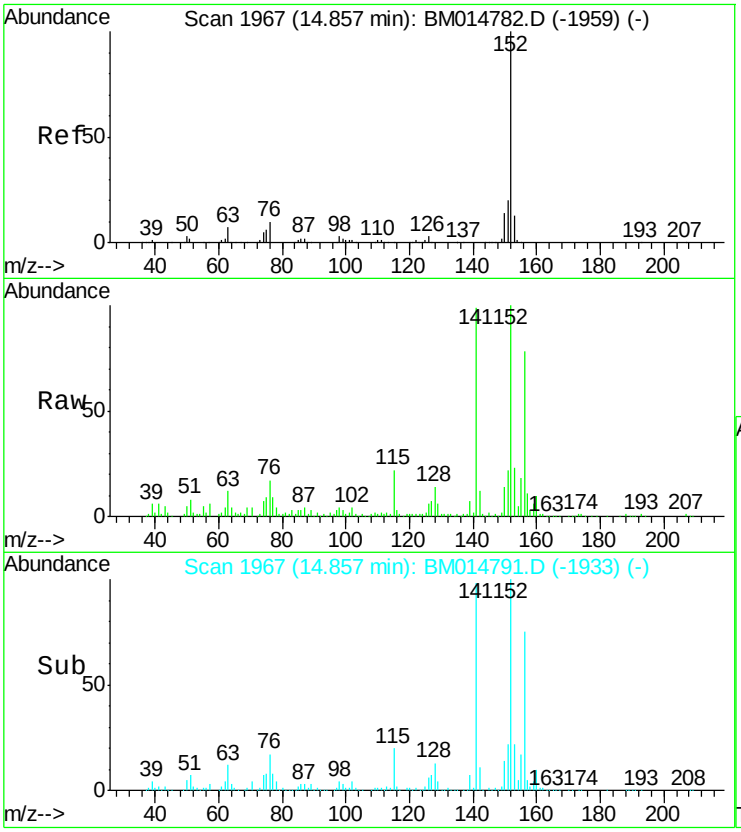


#44
Dimethylphthalate
Concen: 5.336 ng/ul
RT: 14.56 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:163 Resp: 335219

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.2	12.4



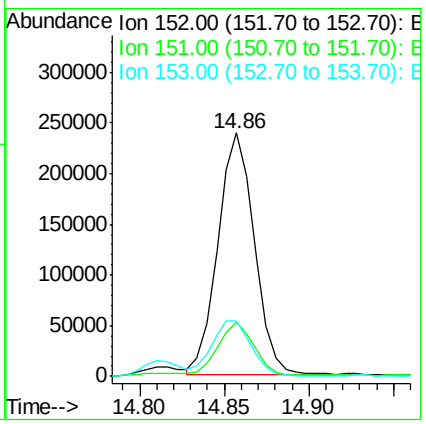


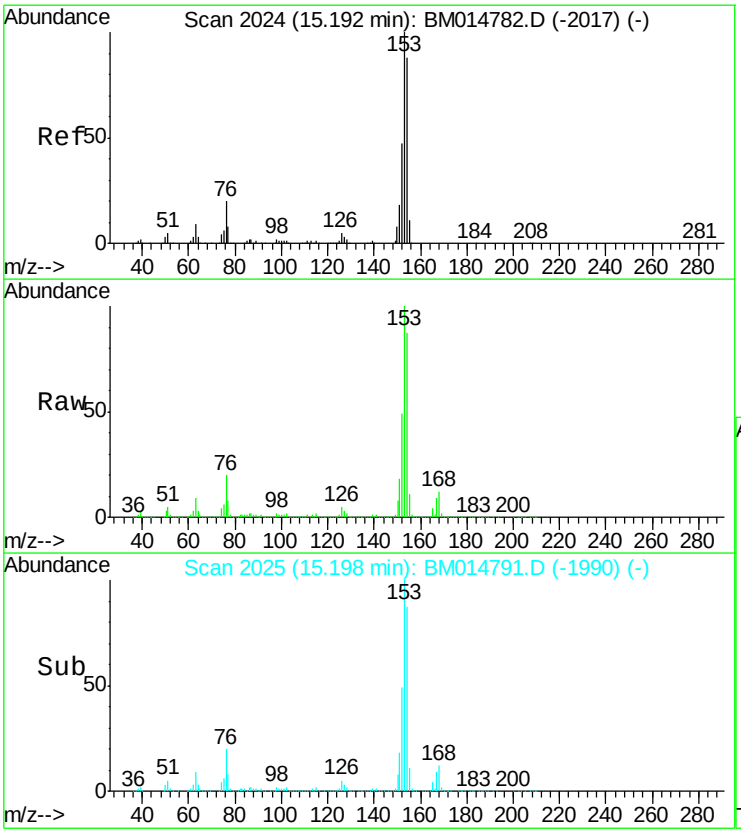
#47
Acenaphthylene
Concen: 4.568 ng/ul
RT: 14.86 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 355098

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.3	24.5
153	22.8	10.2	15.4#

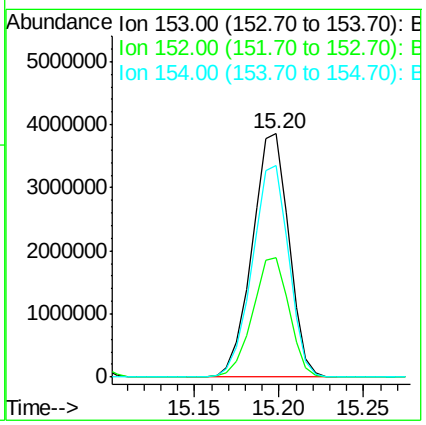


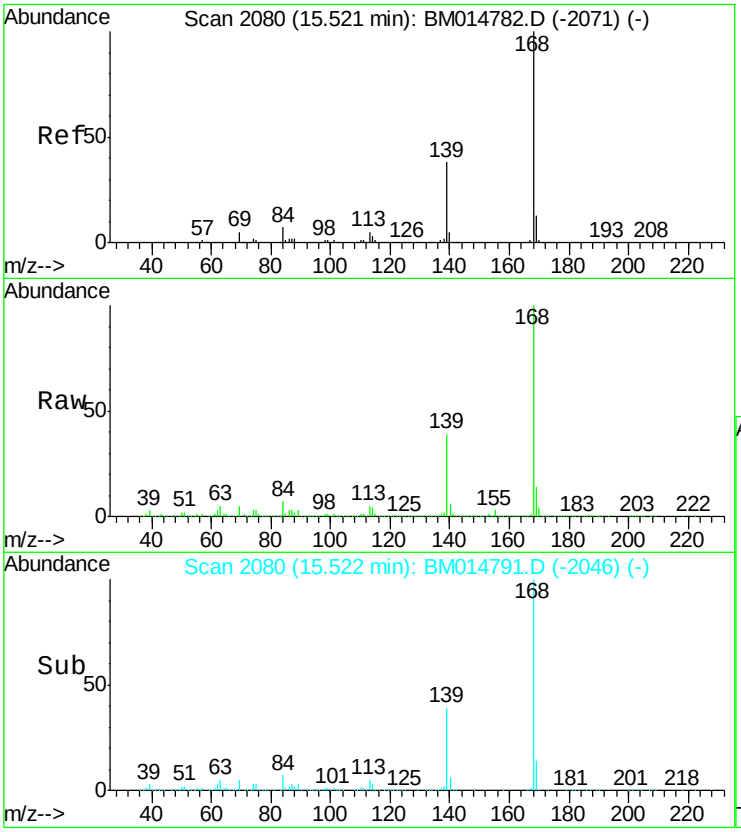


#49
Acenaphthene
Concen: 105.433 ng/ul
RT: 15.20 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:153 Resp: 5825148

Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.6	56.4
154	86.8	70.4	105.6



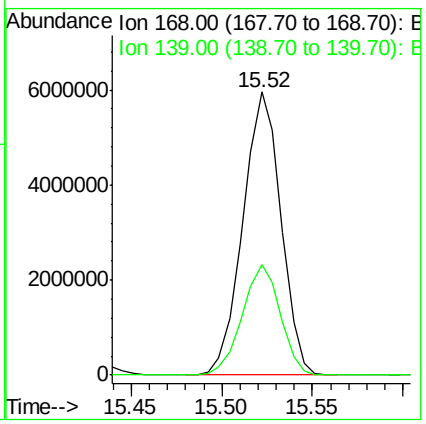


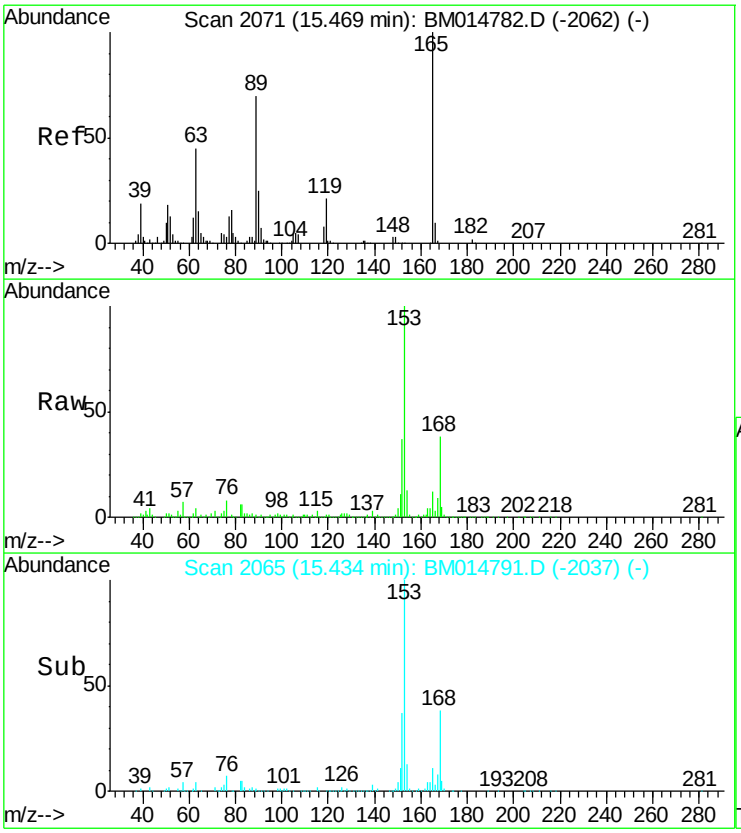
#53
Dibenzofuran
Concen: 113.170 ng/ul
RT: 15.52 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 8682580

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.8	46.2

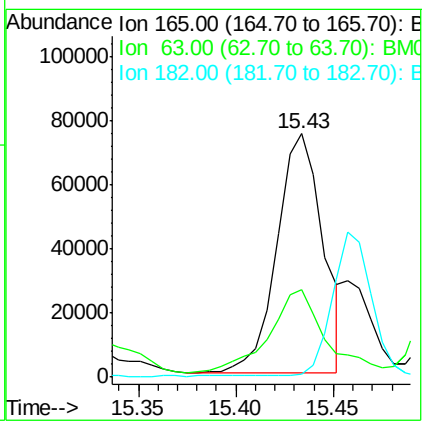


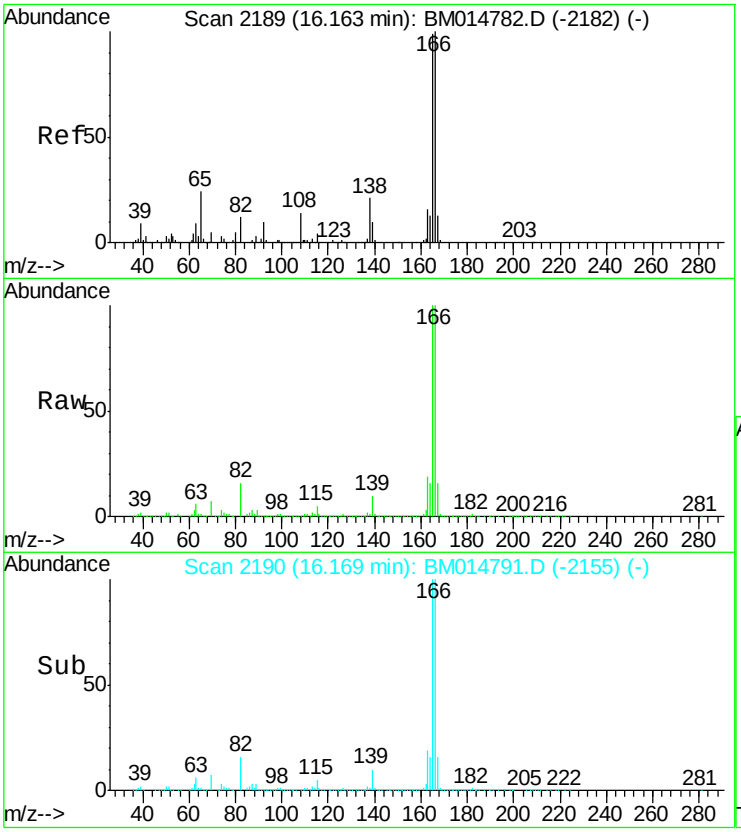


#54
2,4-Dinitrotoluene
Concen: 7.244 ng/ul
RT: 15.43 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:165 Resp: 122971

Ion	Ratio	Lower	Upper
165	100		
63	35.7	45.8	68.8#
182	1.3	2.6	4.0#



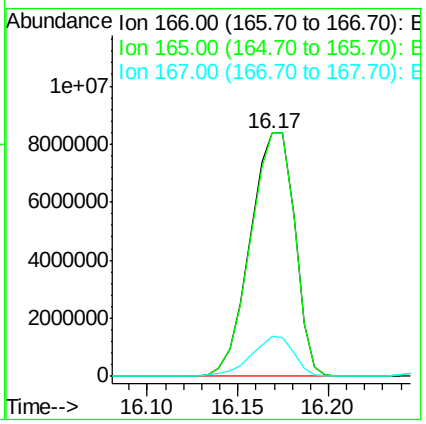


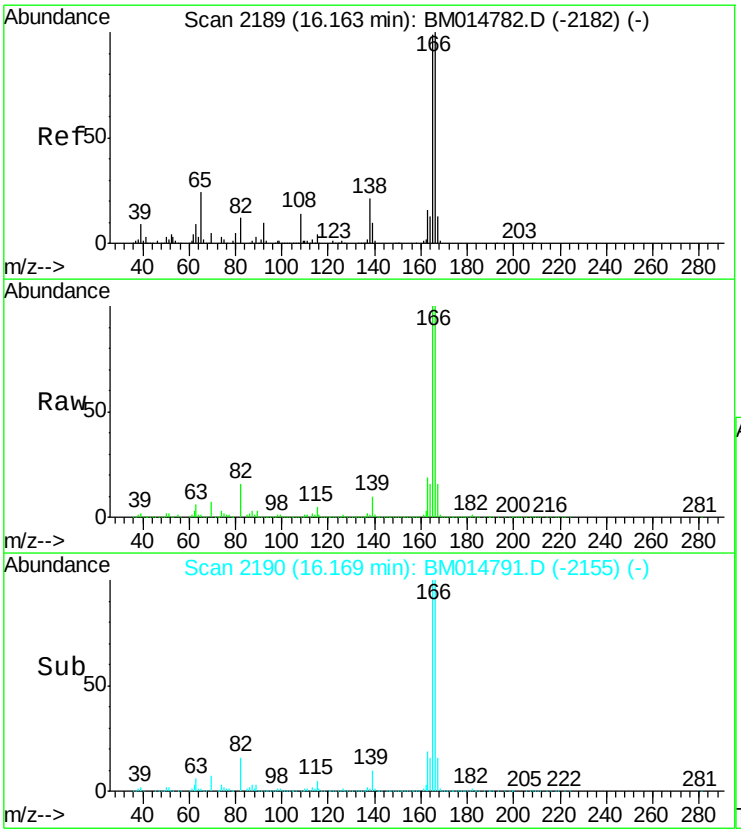
#58
Fluorene
Concen: 230.418 ng/ul
RT: 16.17 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp:14274478

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.9	116.9
167	16.3	10.6	16.0#

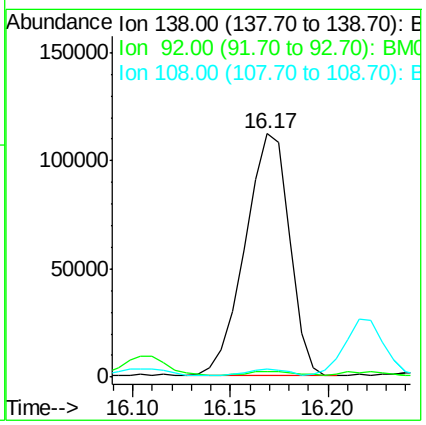


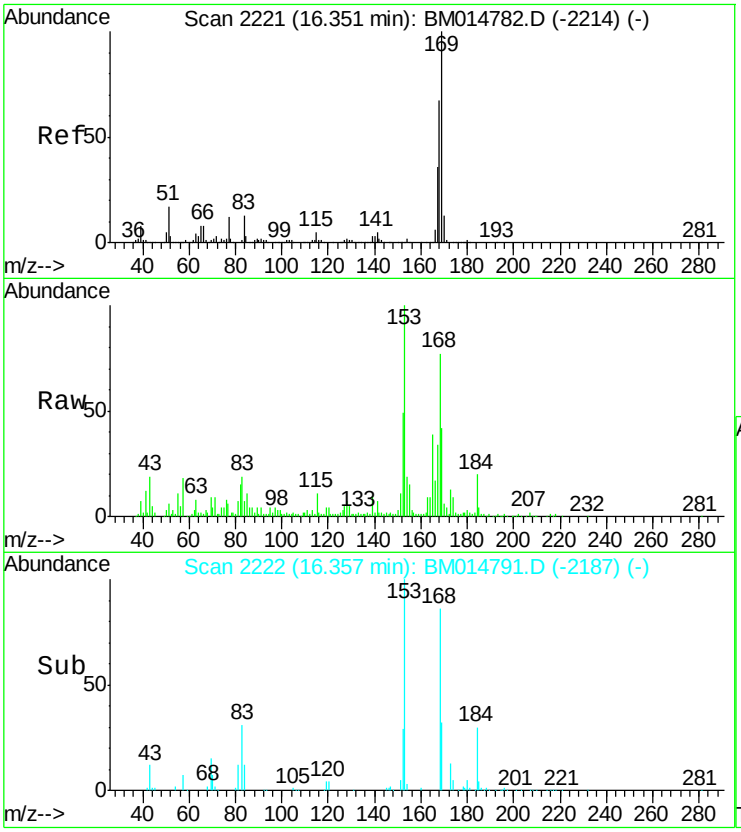


#60
4-Nitroaniline
Concen: 13.273 ng/ul
RT: 16.17 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:138 Resp: 175551

Ion	Ratio	Lower	Upper
138	100		
92	2.4	40.0	60.0#
108	3.5	80.0	120.0#



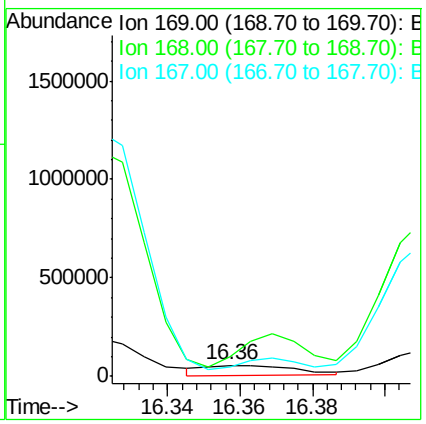


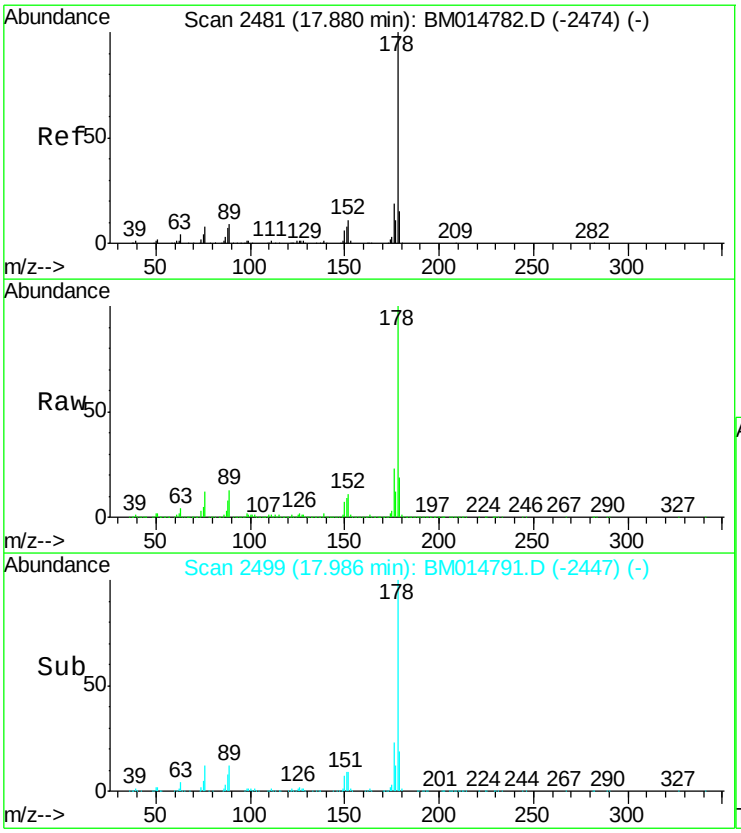
#64
N-Nitrosodiphenylamine
Concen: 1.763 ng/ul
RT: 16.36 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 87533

Ion	Ratio	Lower	Upper
169	100		
168	183.7	54.0	81.0#
167	82.5	29.1	43.7#

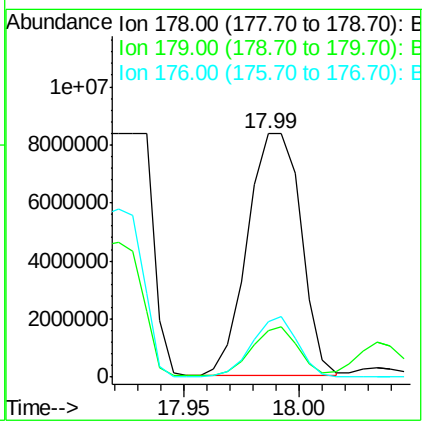


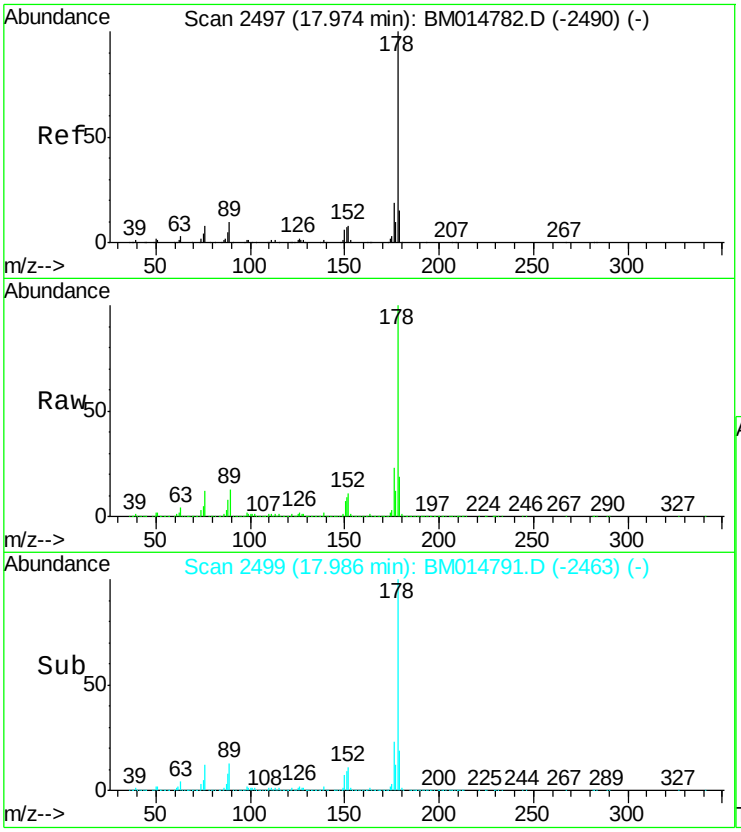


#69
Phenanthrene
Concen: 146.054 ng/ul
RT: 17.99 min Scan# 2499
Delta R.T. 0.11 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:178 Resp:13427354

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.6	19.0#
176	22.9	14.9	22.3#



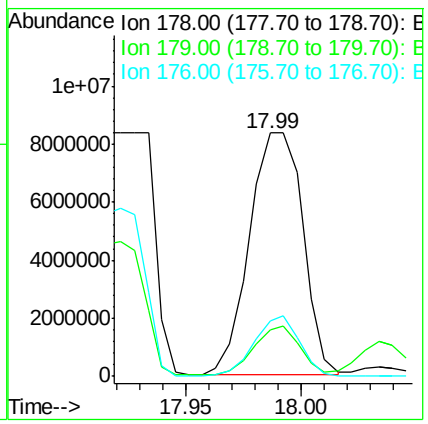


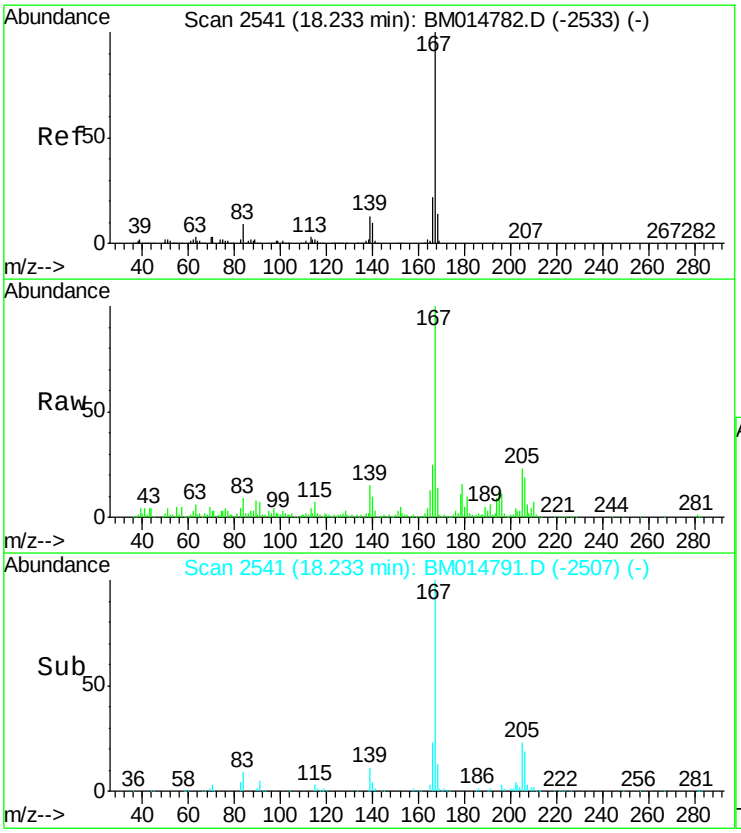
#71
Anthracene
Concen: 143.914 ng/ul
RT: 17.99 min Scan# 2499
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:13427354

Ion	Ratio	Lower	Upper
178	100		
179	19.3	11.7	17.5#
176	22.9	14.6	21.8#

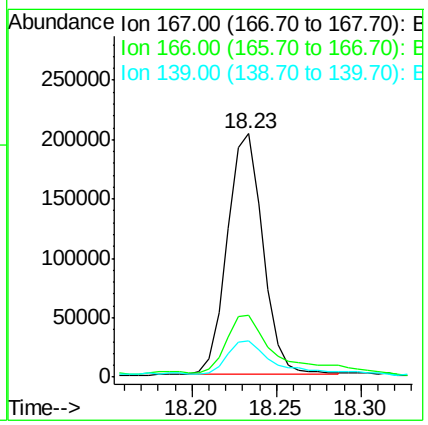


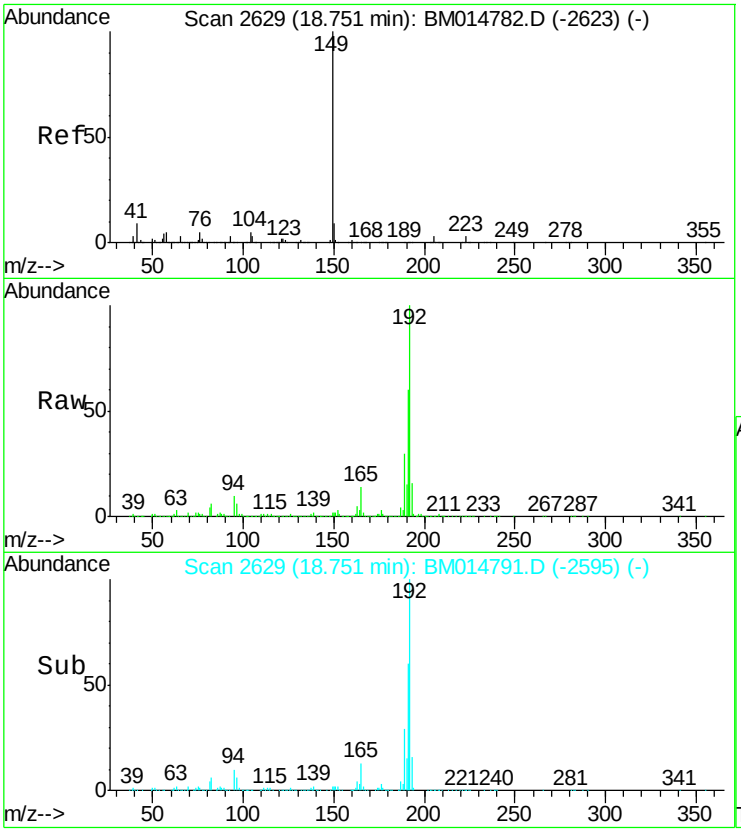


#72
Carbazole
Concen: 3.762 ng/ul
RT: 18.23 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:167 Resp: 299399

Ion	Ratio	Lower	Upper
167	100		
166	25.4	17.1	25.7
139	14.9	10.0	15.0



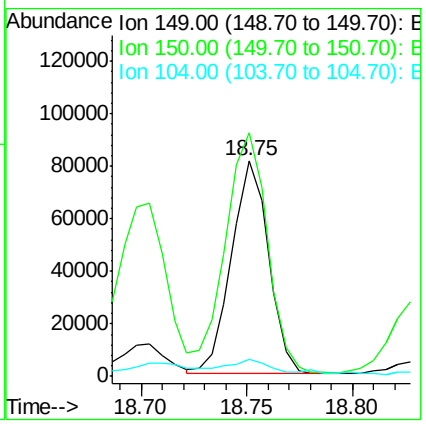


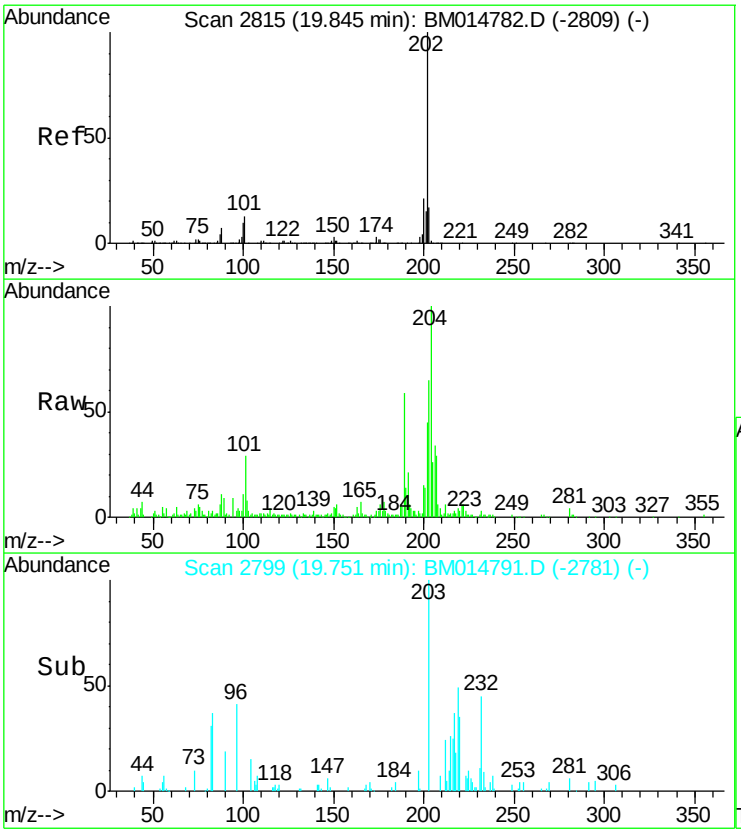
#73
Di-n-butylphthalate
Concen: 1.024 ng/ul
RT: 18.75 min Scan# 2629
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 99124

Ion	Ratio	Lower	Upper
149	100		
150	112.7	7.1	10.7#
104	7.8	5.6	8.4

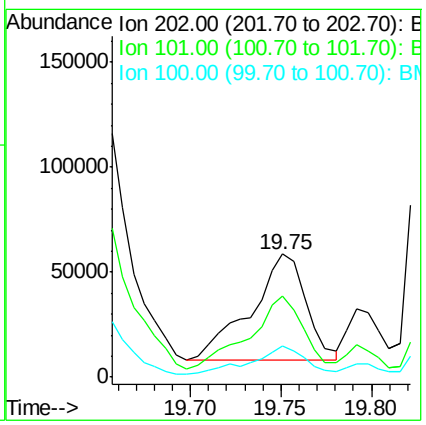


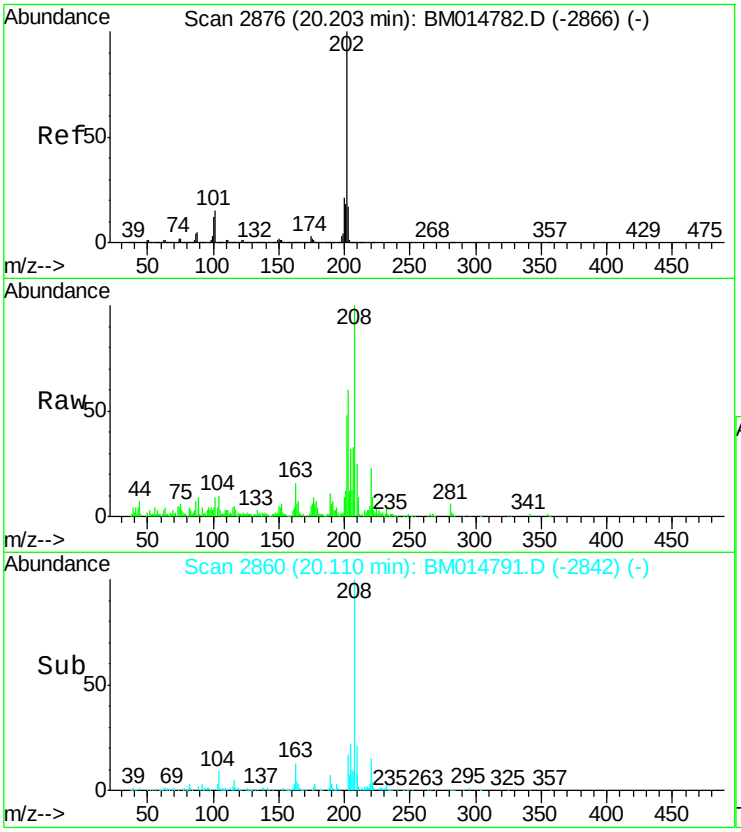


#74
Fluoranthene
Concen: 1.061 ng/ul
RT: 19.75 min Scan# 2799
Delta R.T. -0.09 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:202 Resp: 106322

Ion	Ratio	Lower	Upper
202	100		
101	65.7	4.6	7.0#
100	25.6	3.4	5.2#



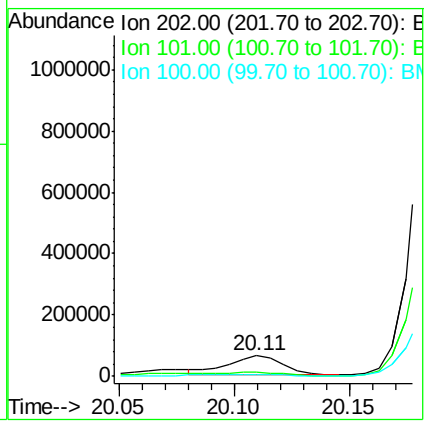


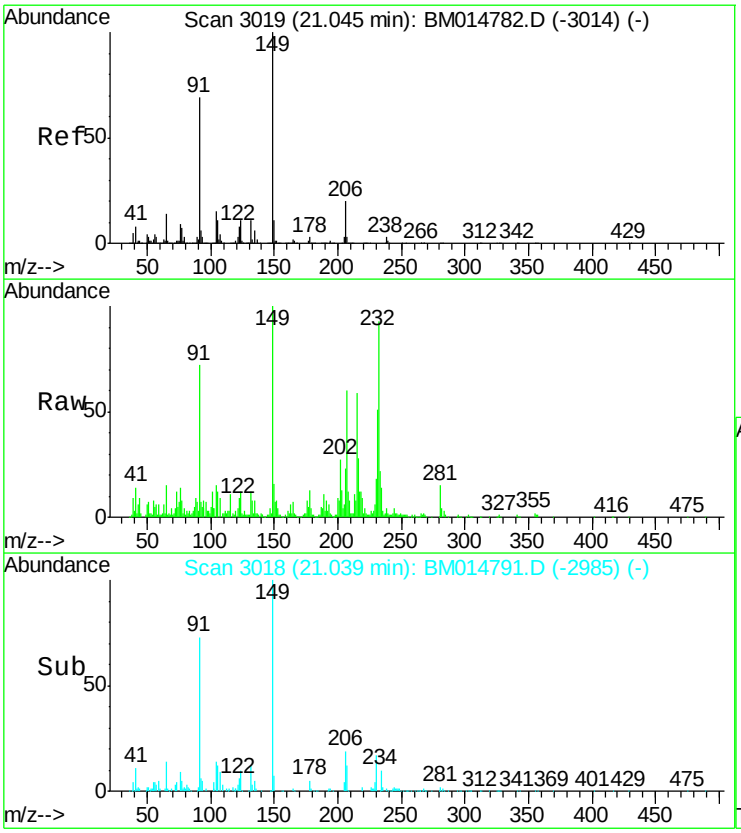
#77
Pyrene
Concen: 1.011 ng/ul
RT: 20.11 min Scan# 2860
Delta R.T. -0.09 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 104346

Ion	Ratio	Lower	Upper
202	100		
101	19.5	5.1	7.7#
100	9.3	4.9	7.3#

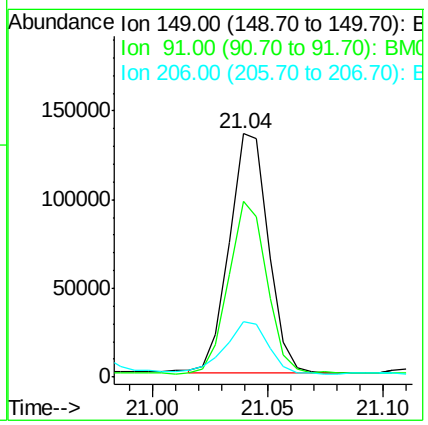


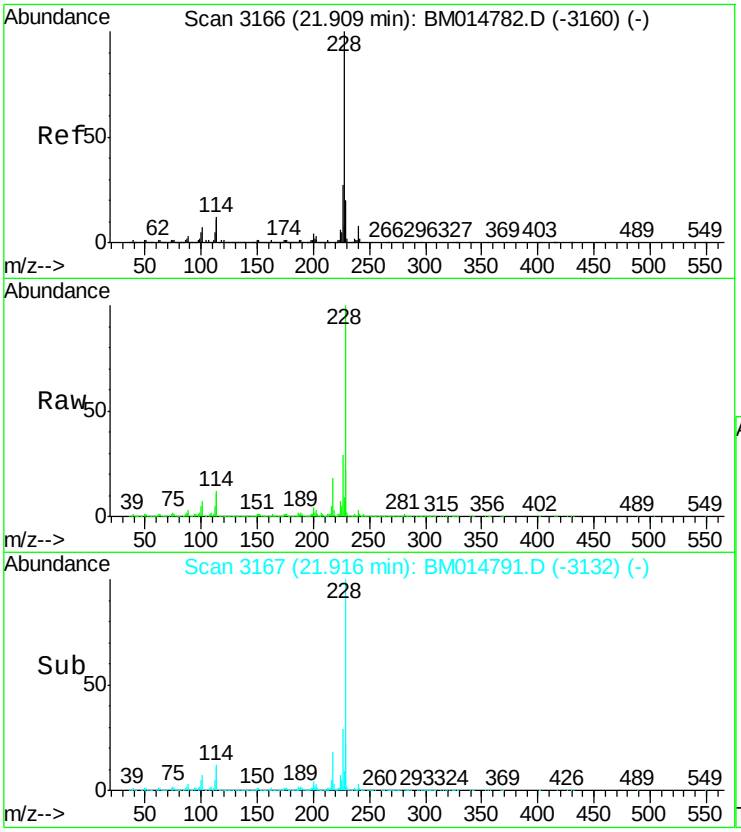


#78
Butylbenzylphthalate
Concen: 3.807 ng/ul
RT: 21.04 min Scan# 3018
Delta R.T. -0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:149 Resp: 160261

Ion	Ratio	Lower	Upper
149	100		
91	72.0	62.7	94.1
206	22.6	20.8	31.2



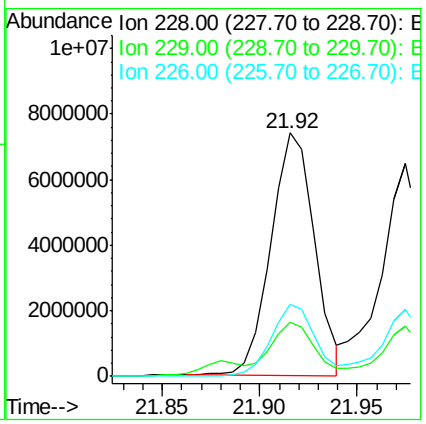


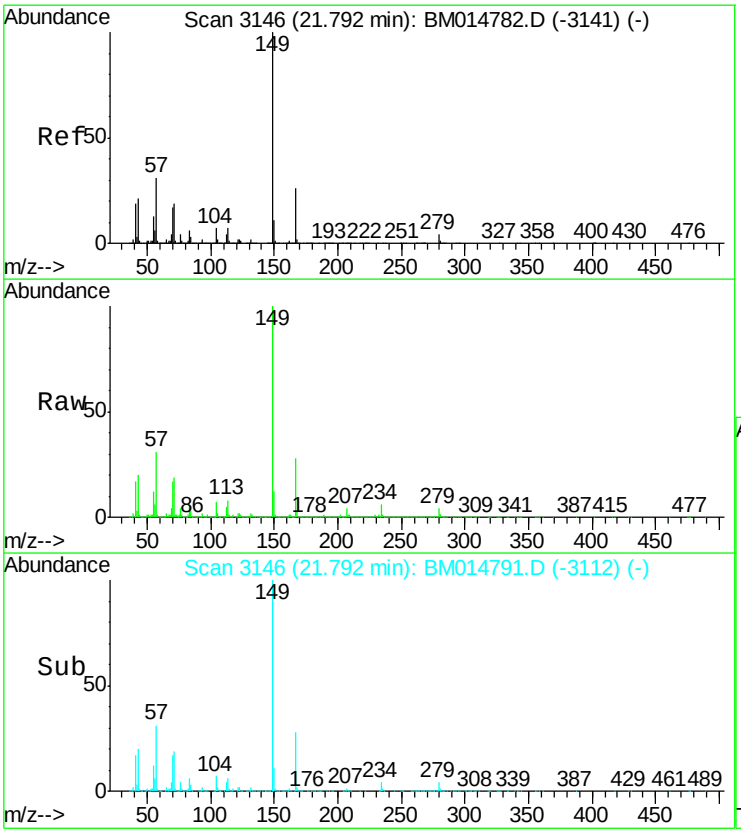
#80
Benzo(a)anthracene
Concen: 110.838 ng/ul
RT: 21.92 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp:11448060

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.4	23.0
226	29.5	21.4	32.0

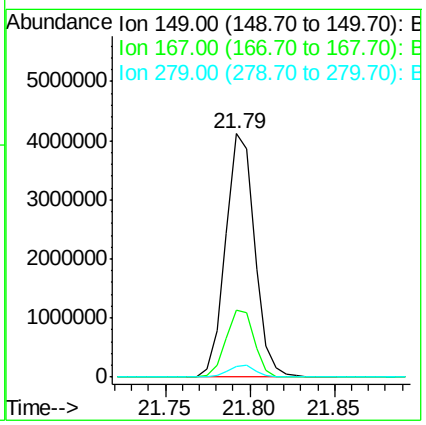


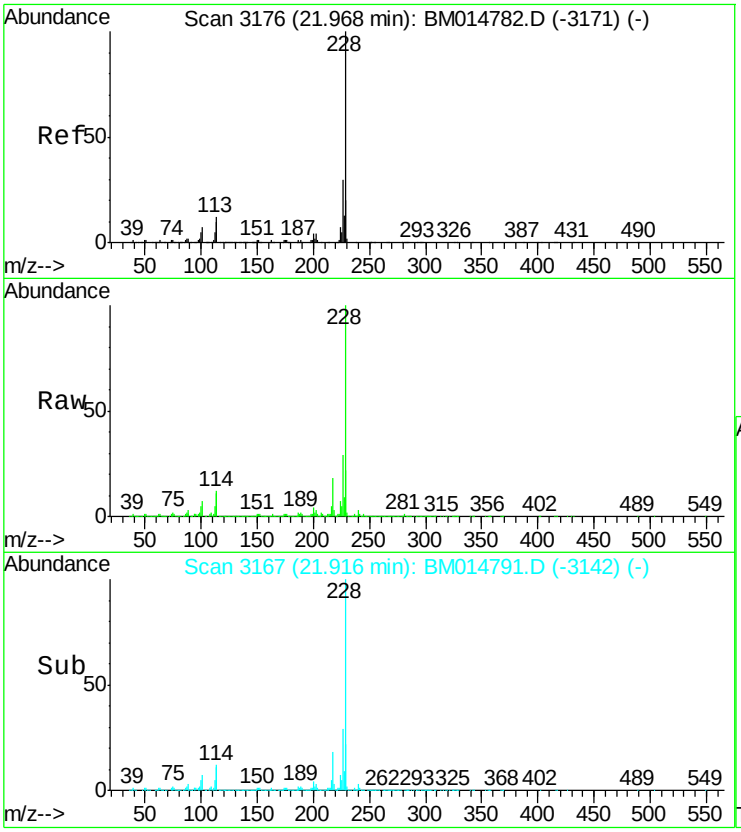


#81
Bis(2-ethylhexyl)phthalate
Concen: 79.352 ng/ul
RT: 21.79 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:149 Resp: 4903846

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.8	34.2
279	4.4	4.9	7.3#



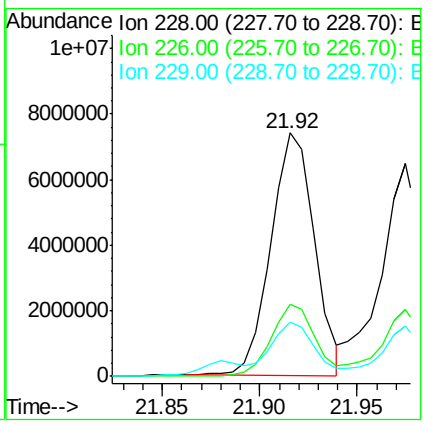


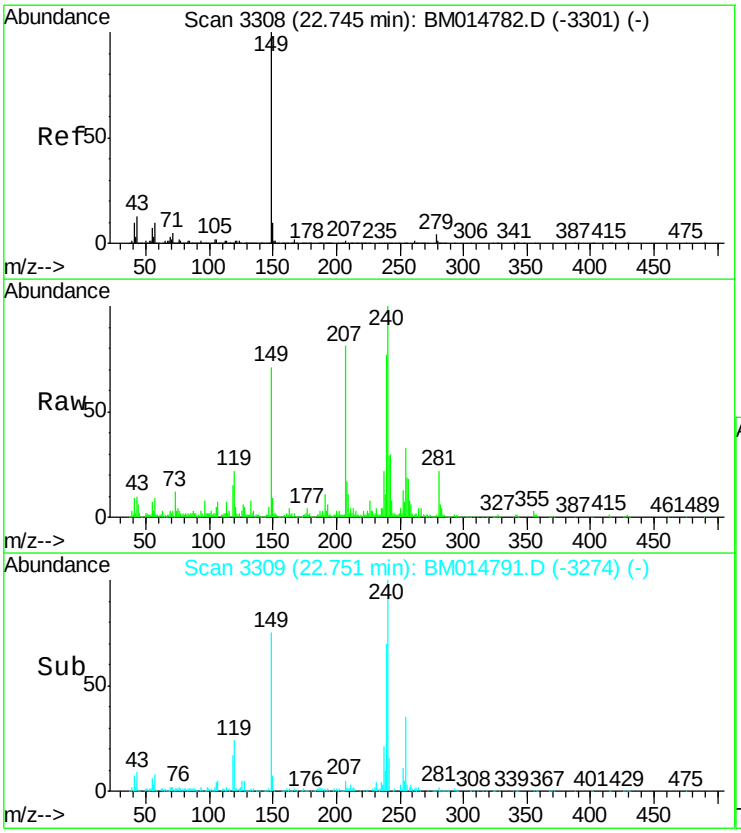
#82
Chrysene
Concen: 118.398 ng/ul
RT: 21.92 min Scan# 3167
Delta R.T. -0.05 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp:11448060

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	22.3	15.5	23.3

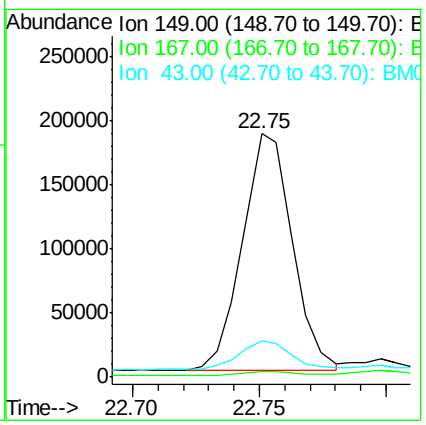


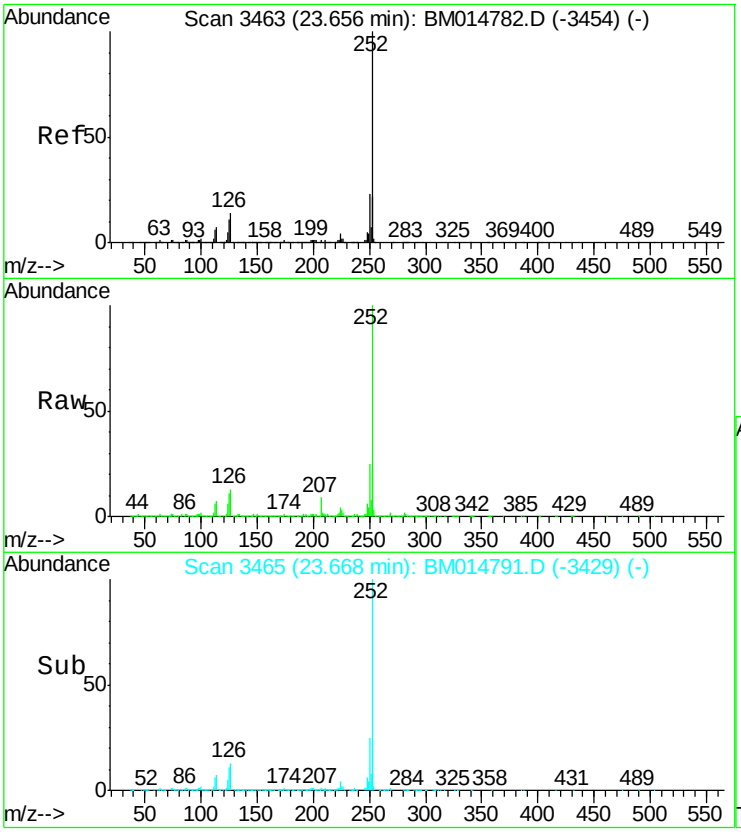


#84
Di-n-octyl phthalate
Concen: 2.459 ng/ul
RT: 22.75 min Scan# 3309
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:149 Resp: 254341

Ion	Ratio	Lower	Upper
149	100		
167	2.4	1.3	1.9#
43	14.7	7.3	10.9#



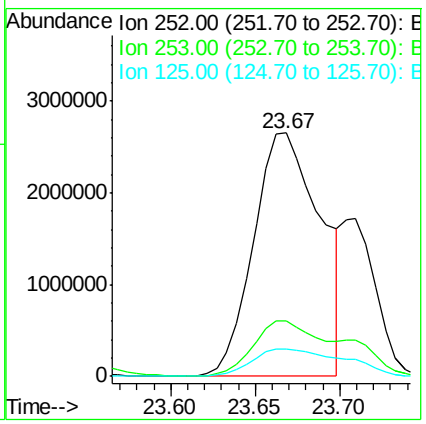


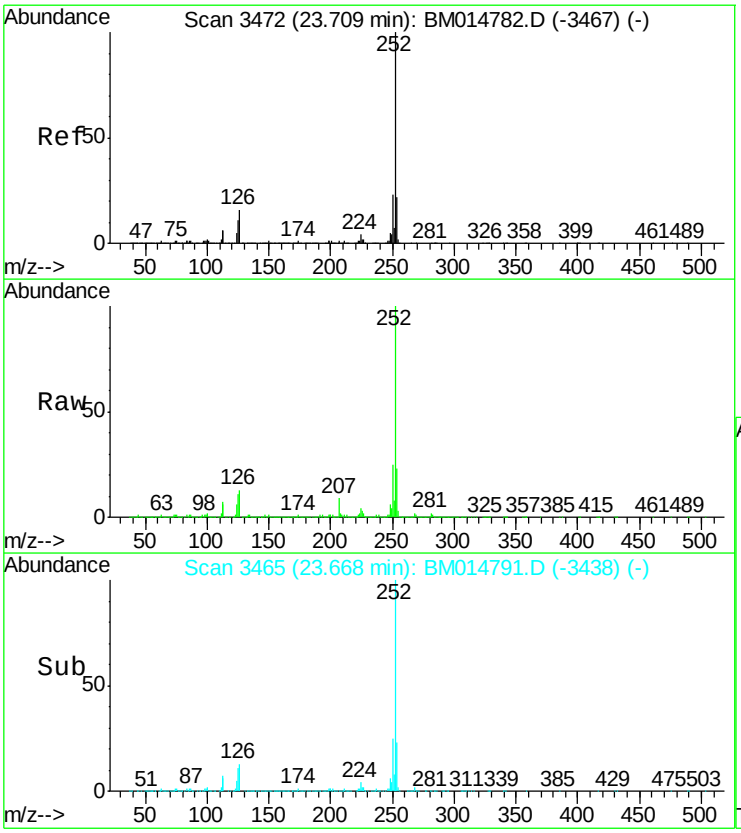
#85
Benzo(b)fluoranthene
Concen: 68.935 ng/ul
RT: 23.67 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 7308953

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.4	3.6	5.4#

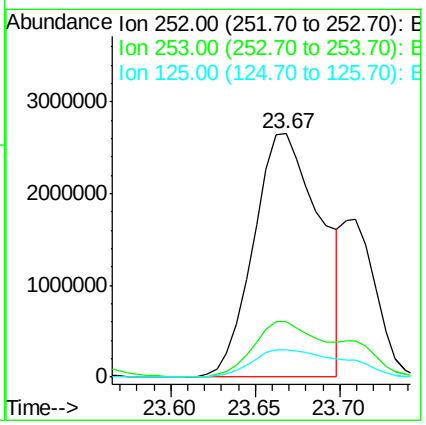


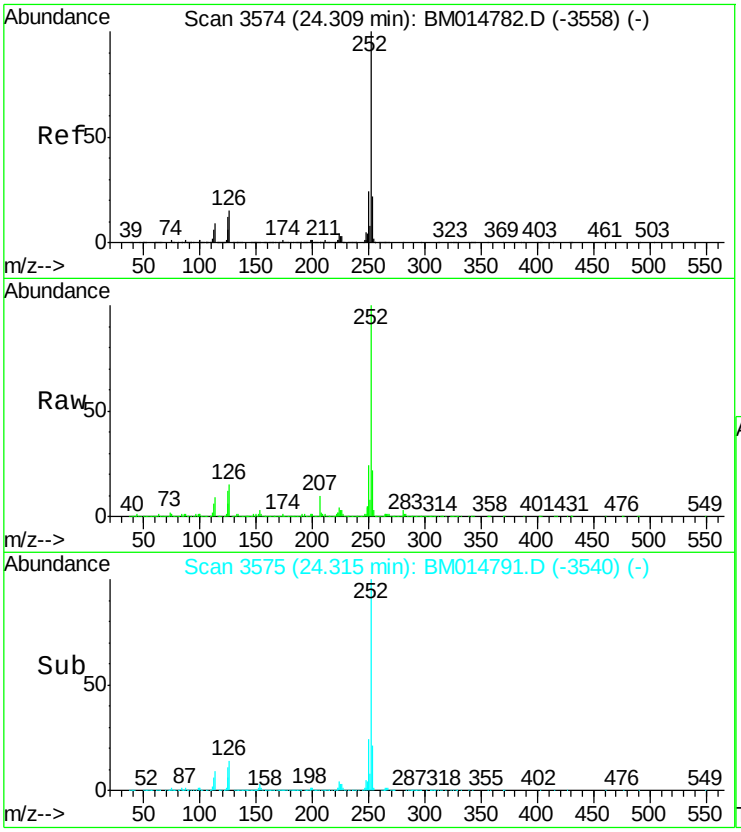


#86
Benzo(k)fluoranthene
Concen: 71.688 ng/ul
RT: 23.67 min Scan# 3465
Delta R.T. -0.04 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:252 Resp: 7308953

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.4	3.4	5.2#



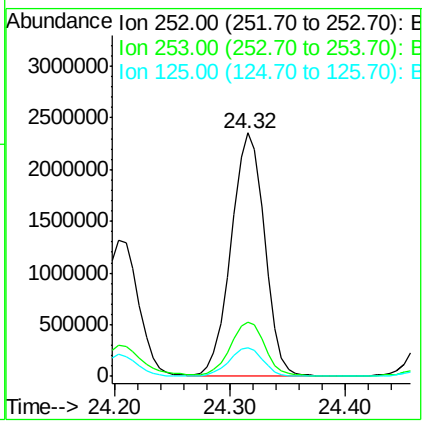


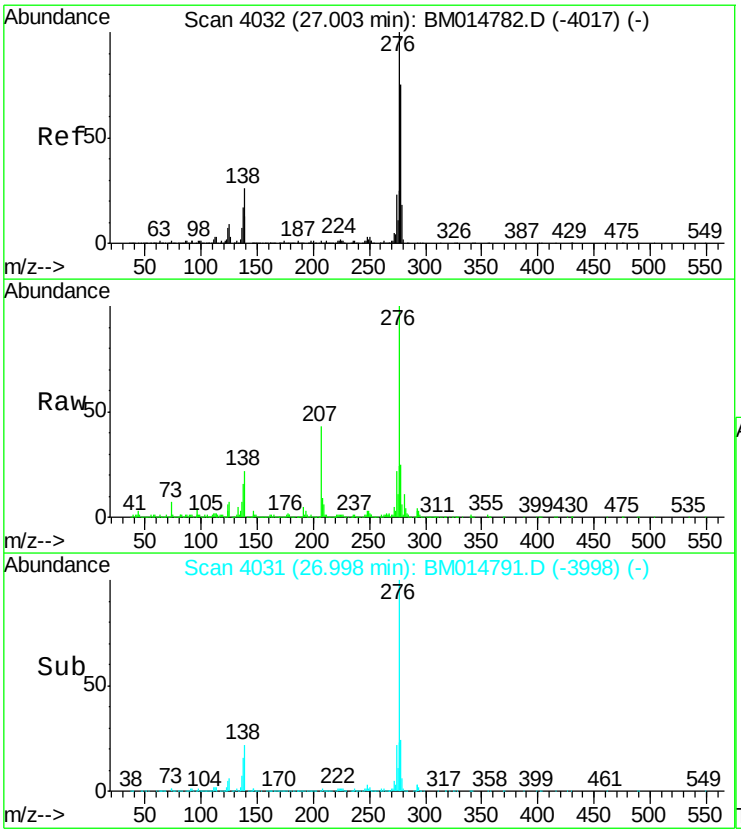
#88
Benzo(a)pyrene
Concen: 46.812 ng/ul
RT: 24.32 min Scan# 3575
Delta R.T. 0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4708086

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.8	4.0	6.0#

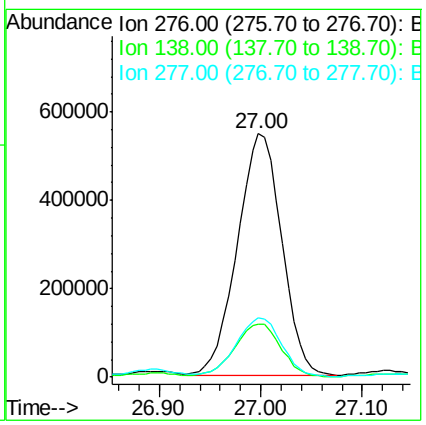


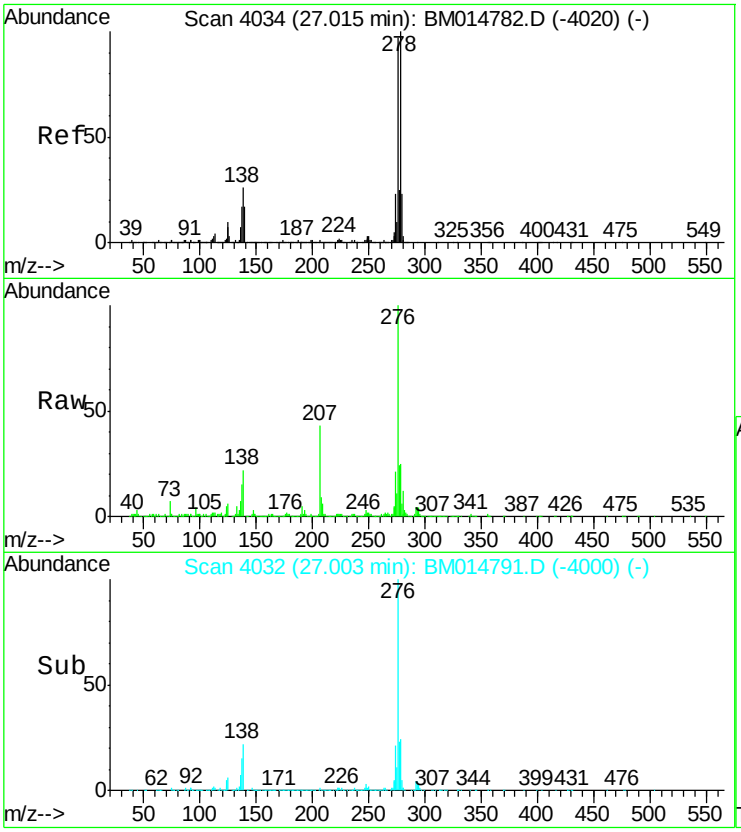


#89
Indeno(1,2,3-cd)pyrene
Concen: 13.635 ng/ul
RT: 27.00 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:276 Resp: 1658998

Ion	Ratio	Lower	Upper
276	100		
138	21.9	9.3	13.9#
277	24.1	19.9	29.9



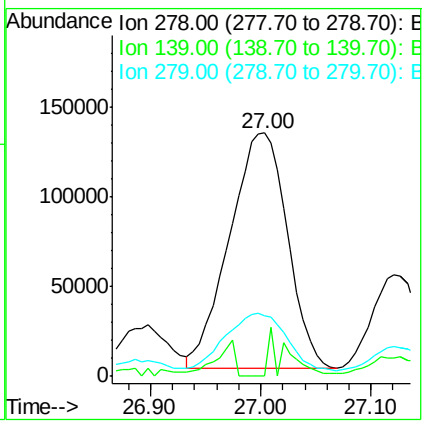


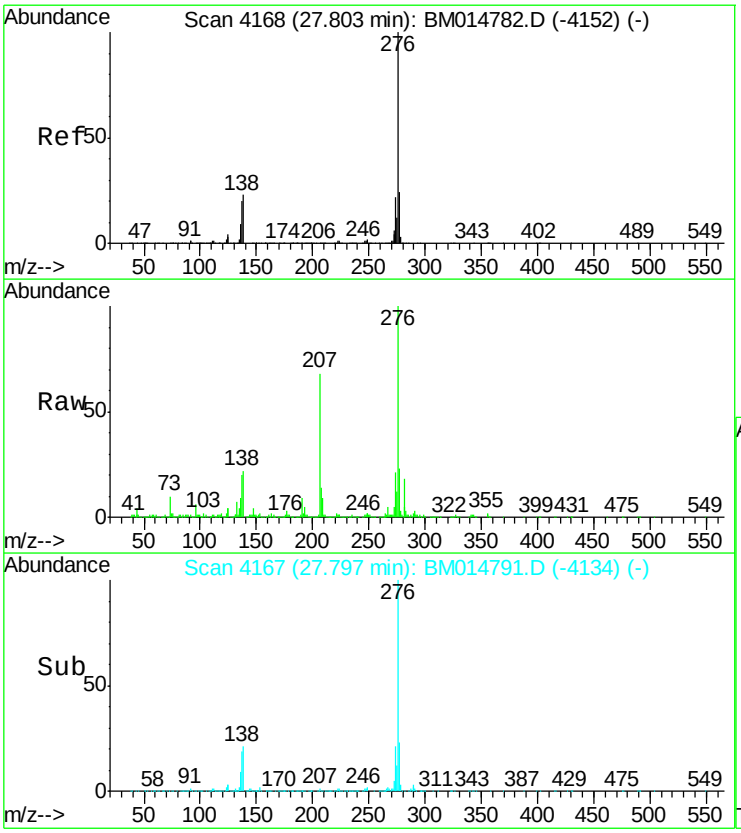
#90
Dibenzo(a,h)anthracene
Concen: 4.698 ng/ul
RT: 27.00 min Scan# 4032
Delta R.T. -0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 481299

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.1	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 11.823 ng/ul
RT: 27.80 min Scan# 4167
Delta R.T. -0.01 min
Lab File: BM014791.D
Acq: 24 Apr 2018 00:16

Tgt Ion:276 Resp: 1183448

Ion	Ratio	Lower	Upper
276	100		
138	21.7	8.5	12.7#
277	23.5	18.6	28.0