Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 24 04:42:35 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	400541	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1661332	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	863282	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	1784441	20.00	ng/ul	0.01
75) Chrysene-d12	21.94	240	1833351	20.00	ng/ul	0.01
83) Perylene-d12	24.43	264	1914075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	60417	6.59	ng/uL	0.00
5) Phenol-d5	7.65	99	1172294	37.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	794124	39.99	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	979988	37.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	914746	37.04	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	460263	38.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	491234	41.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	880014	36.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	1160043	48.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	2490844	36.96	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	3072094	36.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	329011	26.31	ng/ul	0.00
57) Fluorene-d10	16.10	176	2138090	36.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	88100	9.12	ng/ul	0.02
70) Anthracene-d10	17.95	188	3118647	37.50	ng/ul	0.01
76) Pyrene-d10	20.19	212	3443335	39.70	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.27	264	3781061	40.21	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.67	94	74293	2.439	ng/ul#	82
15) N-Nitroso-di-n-propylamine	9.28	70	20339	1.083	ng/ul#	79
17) Hexachloroethane	9.64	117	13690	1.312	ng/ul#	1
21) Isophorone	10.27	82	67784	1.381	ng/ul#	1
24) 2,4-Dimethylphenol	10.57	107	31984	1.165	ng/ul#	48
28) Naphthalene	11.42	128	313443	3.872	ng/ul	97
32) Caprolactam	12.24	113	34642	5.181	ng/ul#	17
34) 2-Methylnaphthalene	12.99	142	532776	9.477	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	420126	6.052	ng/ul#	98
44) Dimethylphthalate	14.56	163	401256	6.160	ng/ul	99
47) Acenaphthylene	14.86	152	504346	6.256	ng/ul#	96
49) Acenaphthene	15.19	153	2726570	47.589	ng/ul	98
53) Dibenzofuran	15.52	168	4232725	53.202	ng/ul	99
54) 2,4-Dinitrotoluene	15.46	165	19588	1.113	ng/ul#	36
58) Fluorene	16.16	166	7608748	118.438	ng/ul	98
60) 4-Nitroaniline	16.16	138	86497	6.306	ng/ul#	14
64) N-Nitrosodiphenylamine	16.36	169	116145	2.244	ng/ul#	45
69) Phenanthrene	17.99	178	14665227	153.031	ng/ul#	83
71) Anthracene	17.99	178	14665227	150.788	ng/ul#	81
72) Carbazole	18.23	167	162421	1.958	ng/ul#	80
73) Di-n-butylphthalate	18.75	149	174366	1.728	ng/ul#	1
74) Fluoranthene	19.85	202	3690299	35.320	ng/ul#	58
77) Pyrene	20.12	202	195644	1.826	ng/ul#	77

Quantitation Report (Not Reviewed)

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Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 24 04:42:35 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)
78) Butylbenzylphthalate	21.04	149	552958	12.653	ng/ul	89
80) Benzo(a)anthracene	21.91	228	16449097	153.428	ng/ul#	87
81) Bis(2-ethylhexyl)phthalate	21.80	149	8059858	125.648	ng/ul	98
82) Chrysene	21.98	228	14045902	139.948	ng/ul#	84
84) Di-n-octyl phthalate	22.76	149	494866	4.495	ng/ul#	87
85) Benzo(b)fluoranthene	23.67	252	12866188	114.028	ng/ul#	95
86) Benzo(k)fluoranthene	23.67	252	12866188	118.581	ng/ul#	93
88) Benzo(a)pyrene	24.33	252	7842667	73.274	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.01	276	3003746	23.198	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.01	278	880131	8.073	ng/ul#	89
91) Benzo(g,h,i)perylene	27.81	276	2140456	20.094	ng/ul#	88

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

Quantitation Report (Not Reviewed)

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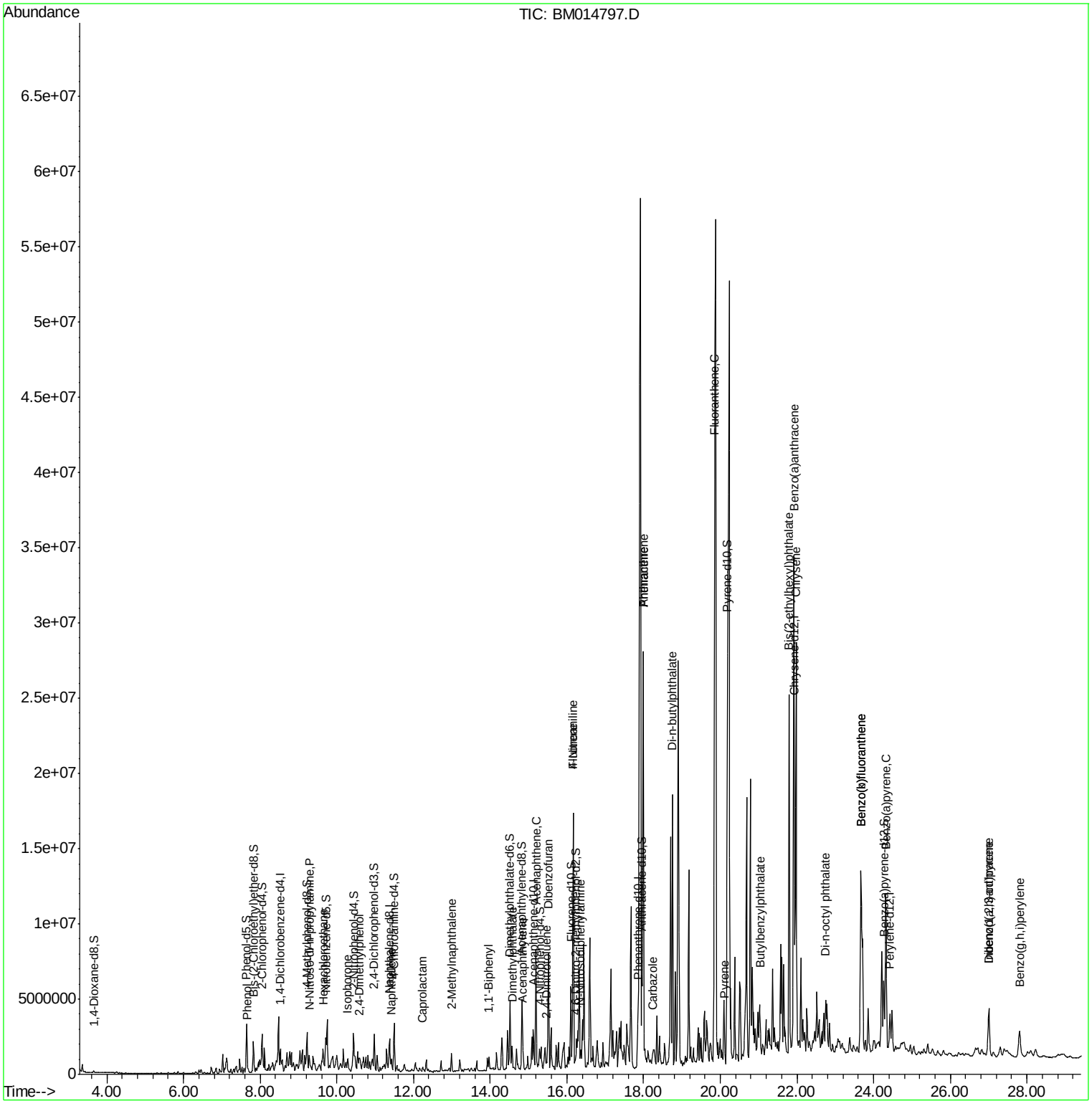
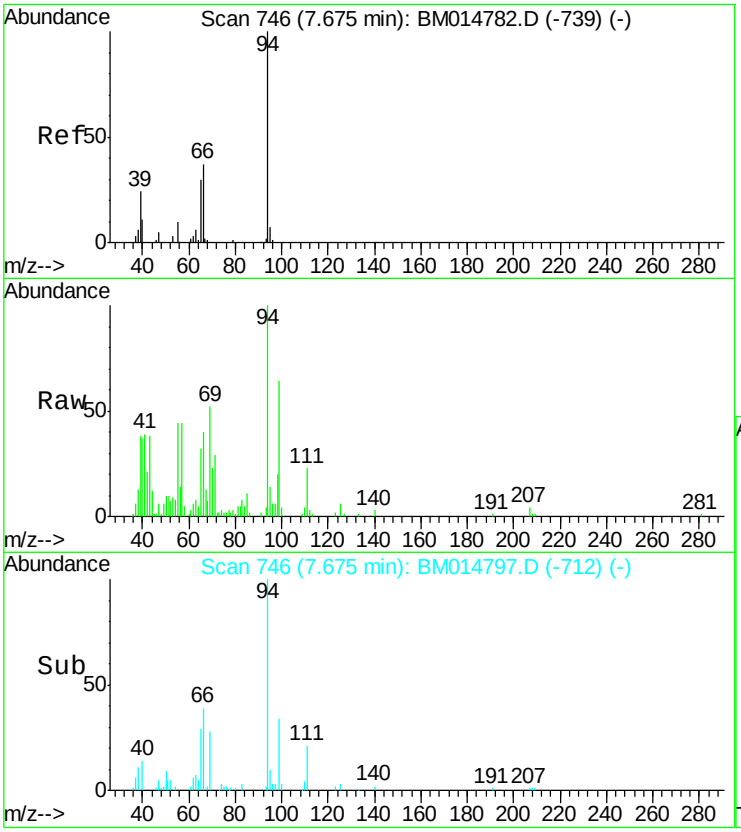
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



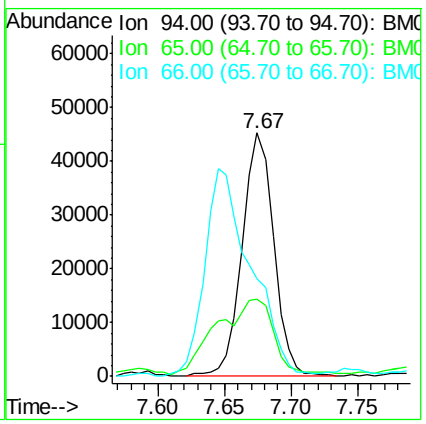


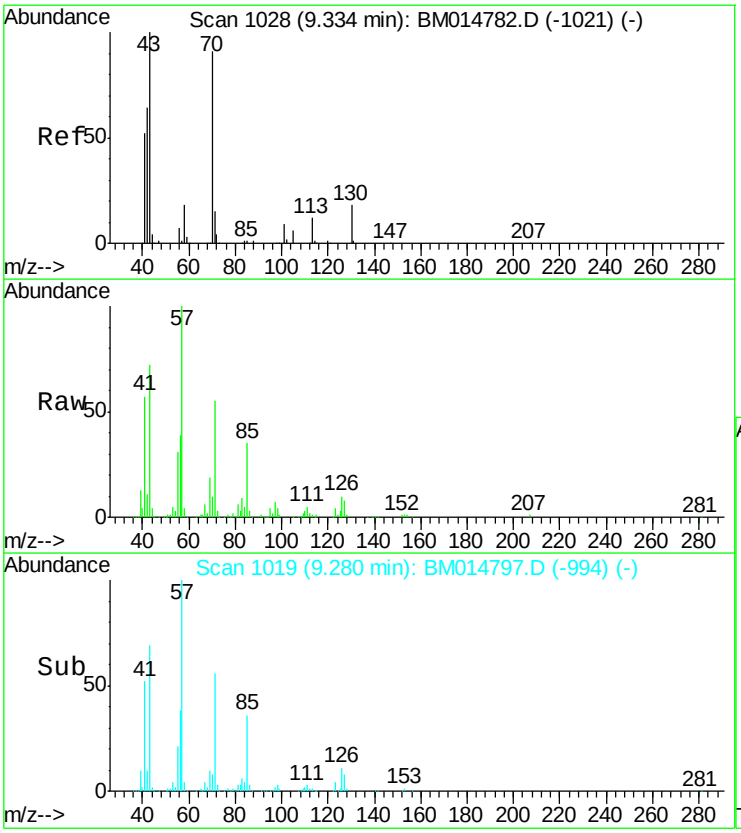
#6
Phenol
Concen: 2.439 ng/ul
RT: 7.67 min Scan# 746
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 74293

Ion	Ratio	Lower	Upper
94	100		
65	31.6	28.2	42.4
66	40.1	47.2	70.8#

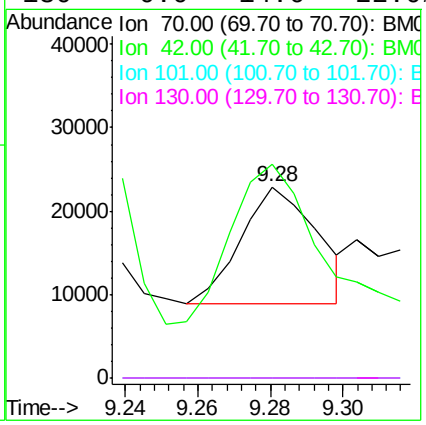


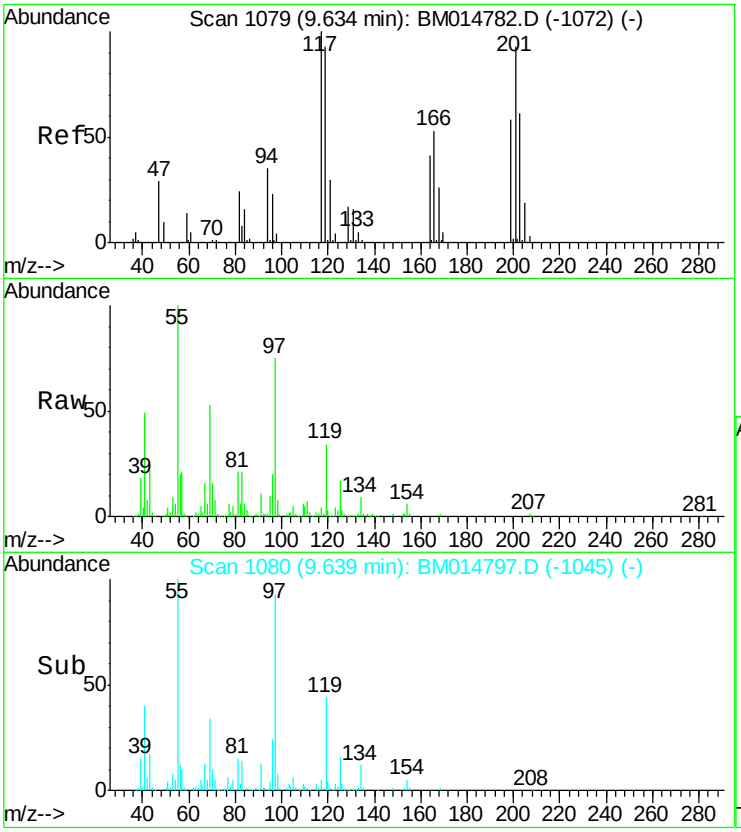


#15
N-Nitroso-di-n-propylamine
Concen: 1.083 ng/ul
RT: 9.28 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion: 70 Resp: 20339

Ion	Ratio	Lower	Upper
70	100		
42	111.8	76.0	114.0
101	0.0	6.7	10.1#
130	0.0	14.6	22.0#



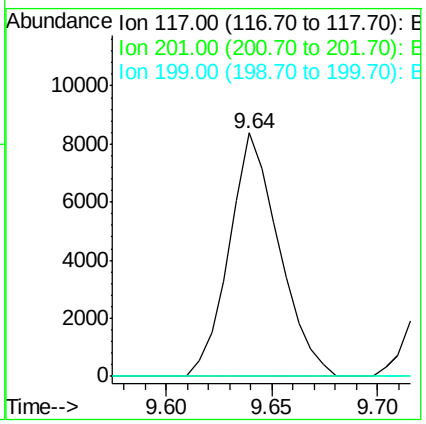


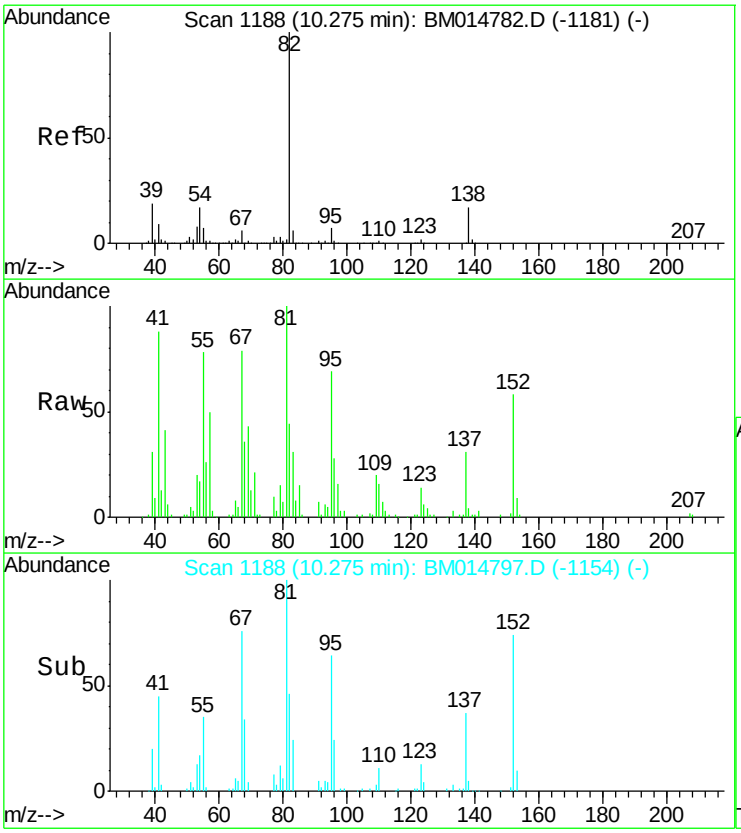
#17
Hexachloroethane
Concen: 1.312 ng/ul
RT: 9.64 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 13690

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

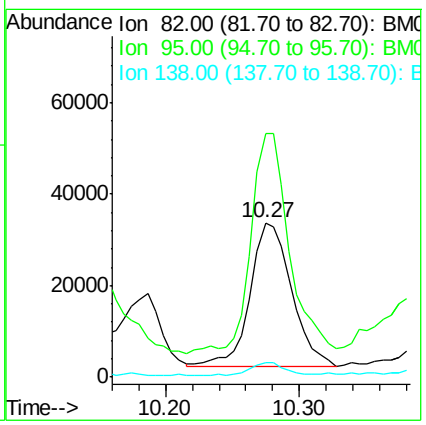


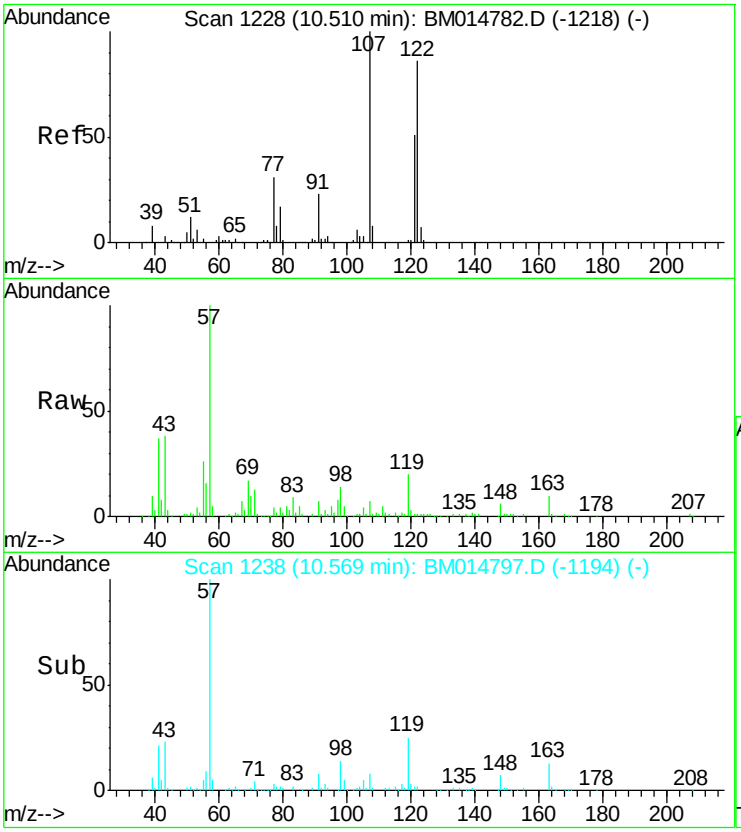


#21
Isophorone
Concen: 1.381 ng/ul
RT: 10.27 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion: 82 Resp: 67784

Ion	Ratio	Lower	Upper
82	100		
95	157.7	7.8	11.8#
138	9.2	11.9	17.9#



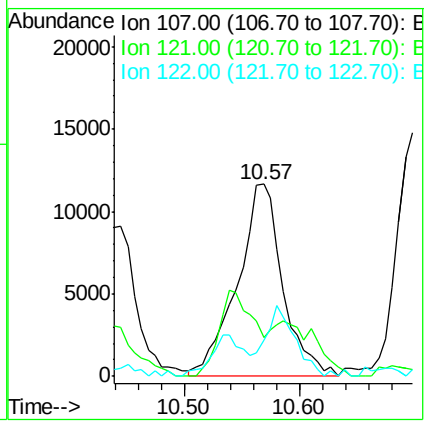


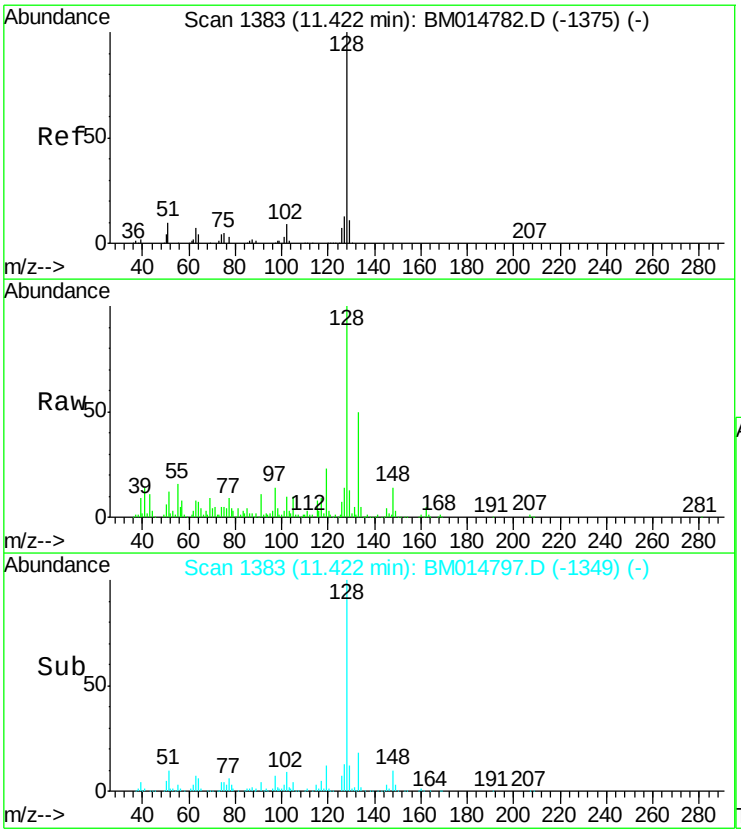
#24
2,4-Dimethylphenol
Concen: 1.165 ng/ul
RT: 10.57 min Scan# 1238
Delta R.T. 0.06 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 31984

Ion	Ratio	Lower	Upper
107	100		
121	20.3	31.9	47.9#
122	19.0	57.8	86.6#

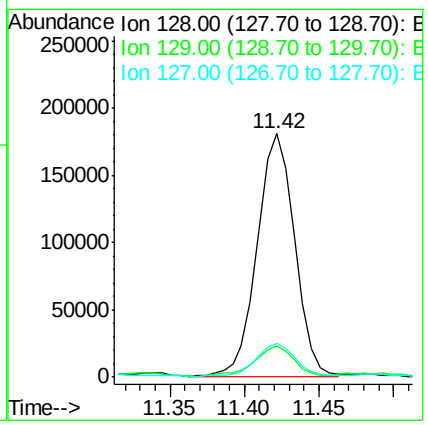


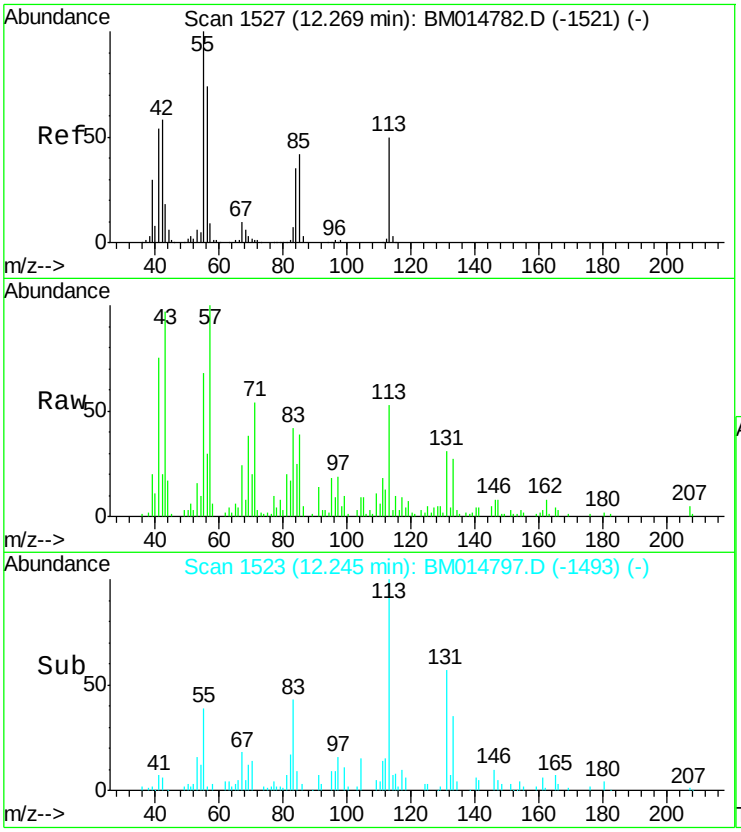


#28
Naphthalene
Concen: 3.872 ng/ul
RT: 11.42 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:128 Resp: 313443

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.8	13.2
127	13.8	10.6	16.0



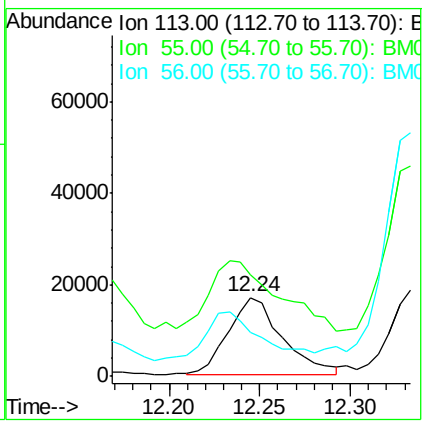


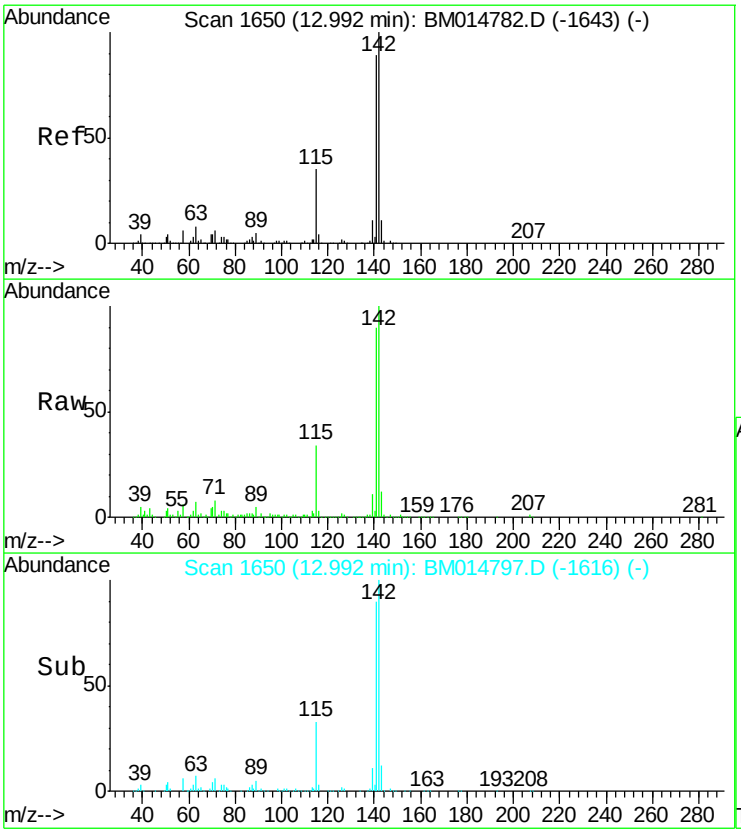
#32
Caprolactam
Concen: 5.181 ng/ul
RT: 12.24 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 34642

Ion	Ratio	Lower	Upper
113	100		
55	128.3	208.0	312.0#
56	56.1	160.0	240.0#

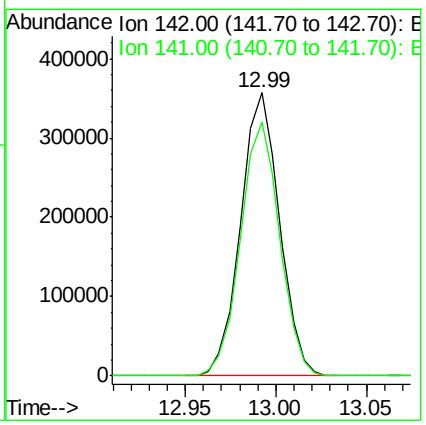


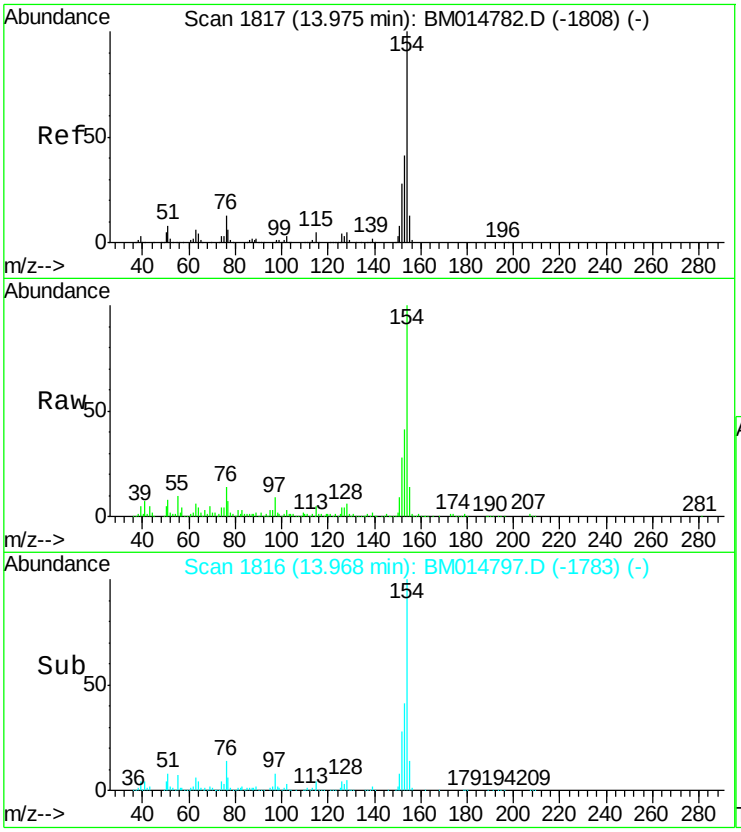


#34
2-Methylnaphthalene
Concen: 9.477 ng/ul
RT: 12.99 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:142 Resp: 532776

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.1	111.1



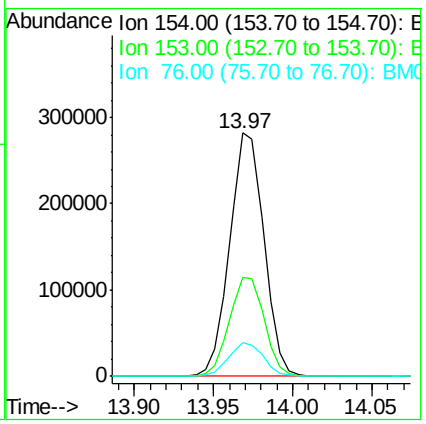


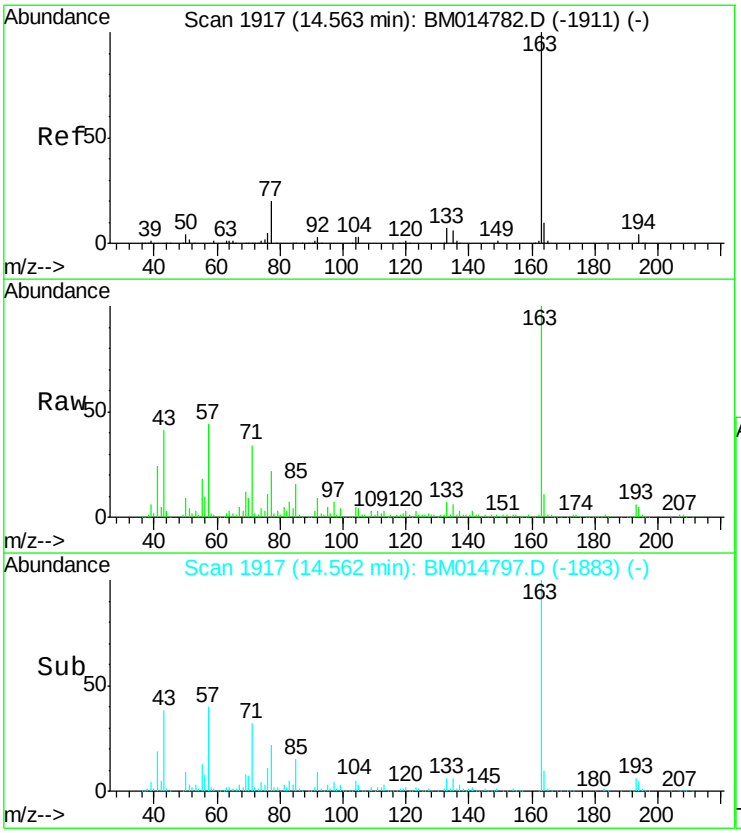
#40
1,1'-Biphenyl
Concen: 6.052 ng/ul
RT: 13.97 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 420126

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.6	48.8
76	14.0	8.5	12.7#

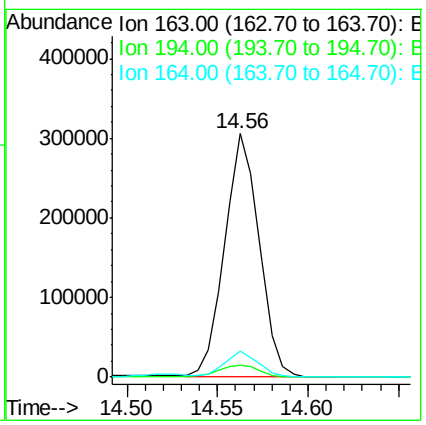


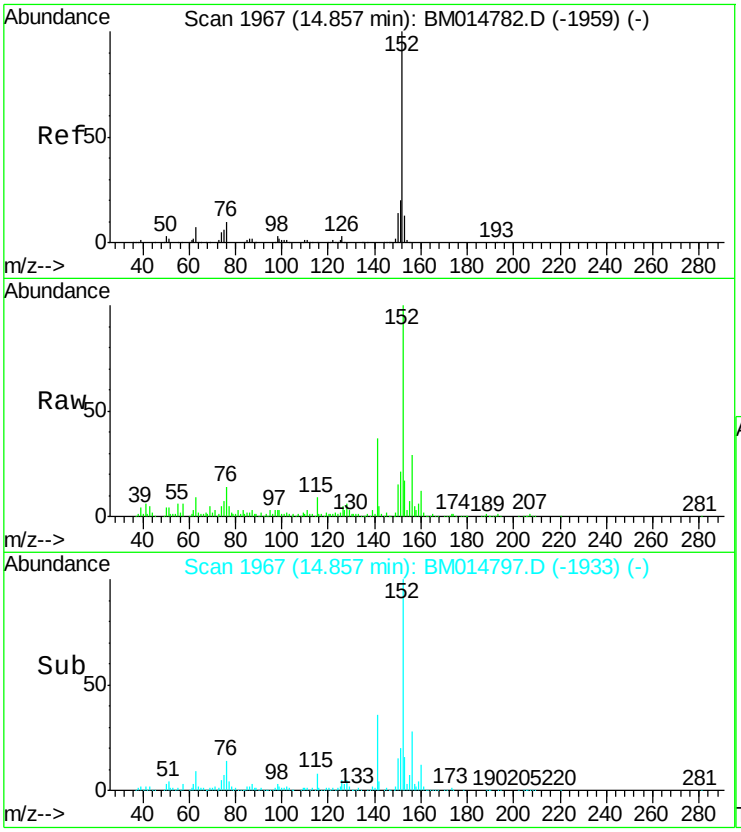


#44
Dimethylphthalate
Concen: 6.160 ng/ul
RT: 14.56 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:163 Resp: 401256

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	10.5	8.2	12.4



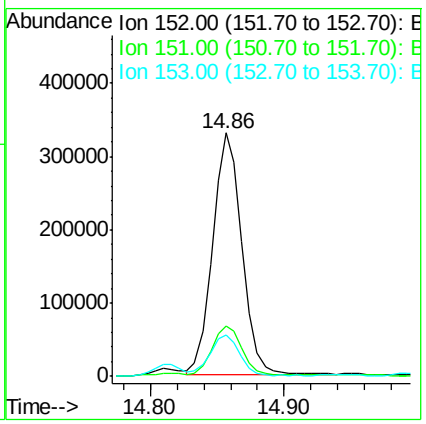


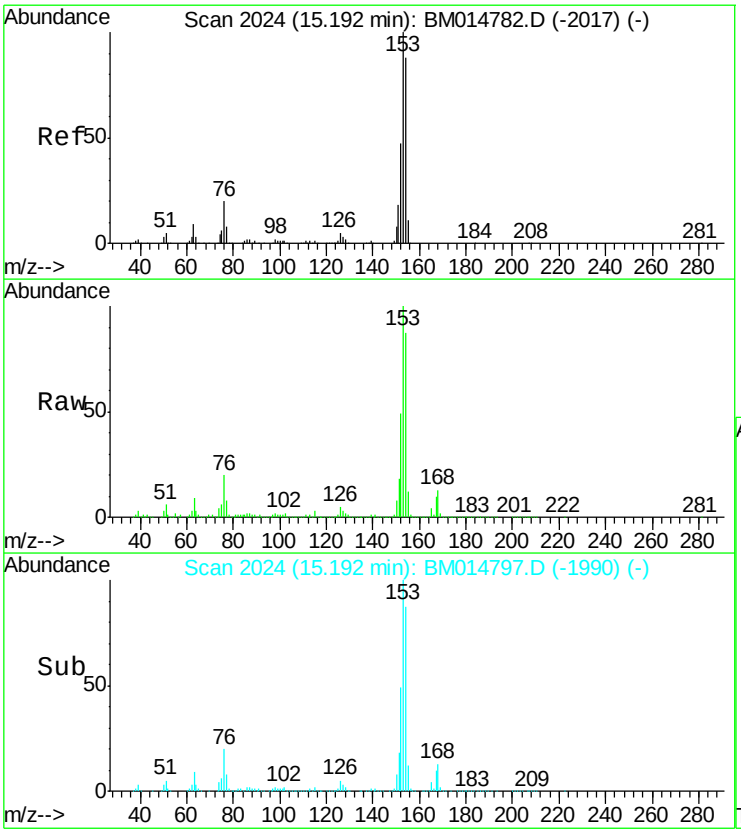
#47
Acenaphthylene
Concen: 6.256 ng/ul
RT: 14.86 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 504346

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	16.7	10.2	15.4#

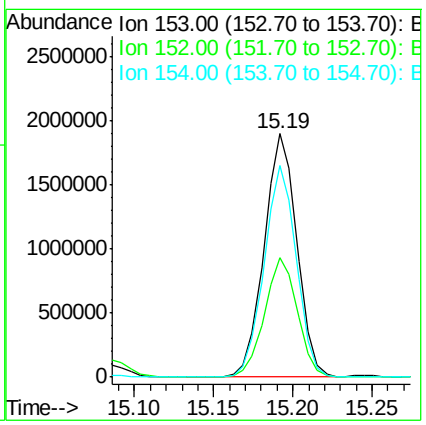


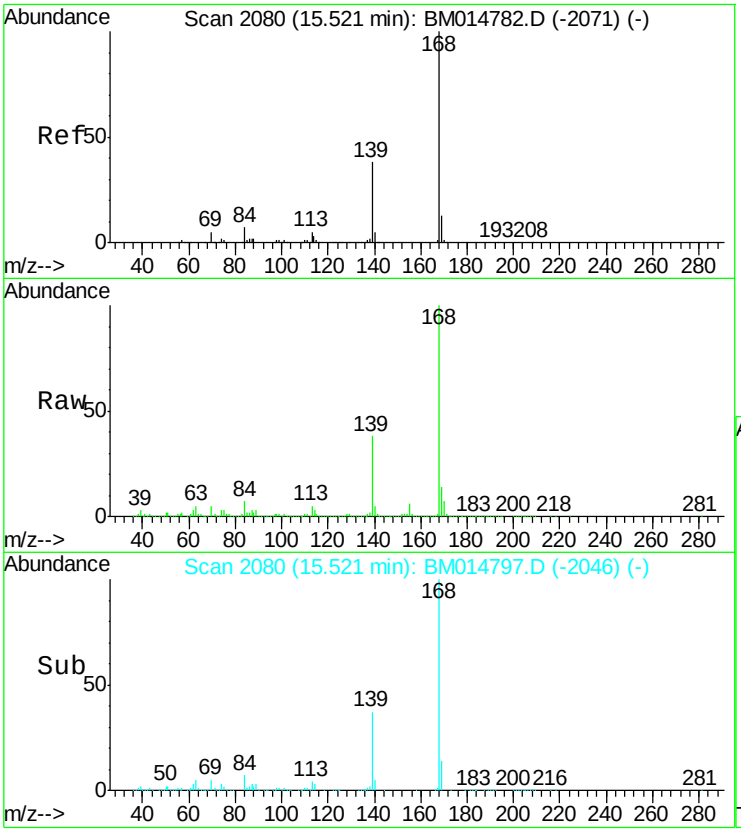


#49
Acenaphthene
Concen: 47.589 ng/ul
RT: 15.19 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:153 Resp: 2726570

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.6	56.4
154	86.8	70.4	105.6



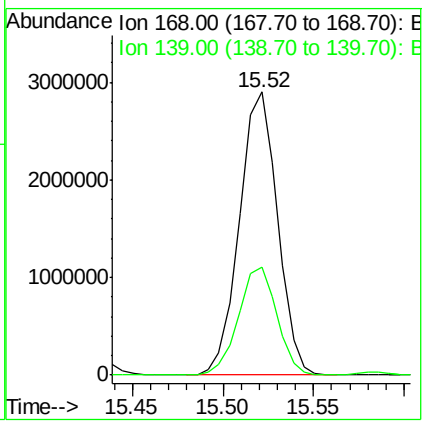


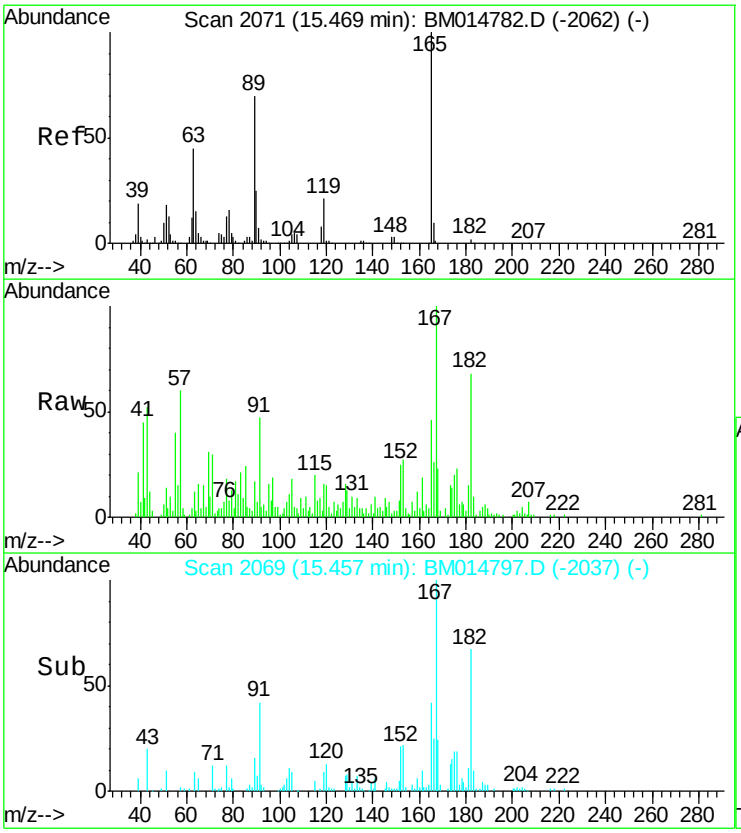
#53
Dibenzofuran
Concen: 53.202 ng/ul
RT: 15.52 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 4232725

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.8	46.2

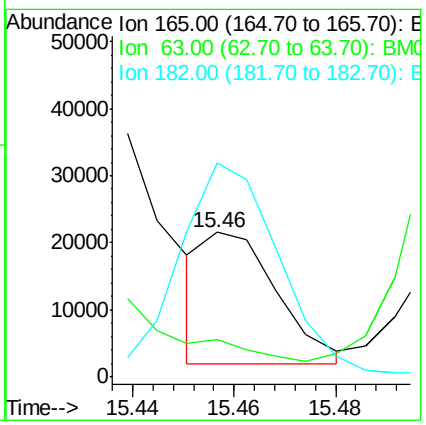


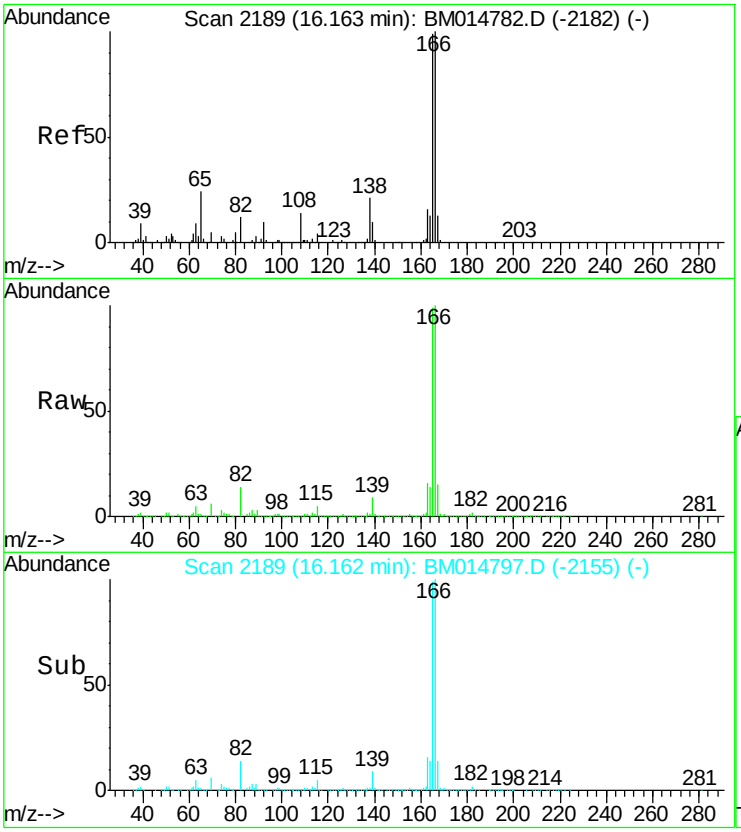


#54
2,4-Dinitrotoluene
Concen: 1.113 ng/ul
RT: 15.46 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:165 Resp: 19588

Ion	Ratio	Lower	Upper
165	100		
63	25.9	45.8	68.8#
182	147.6	2.6	4.0#



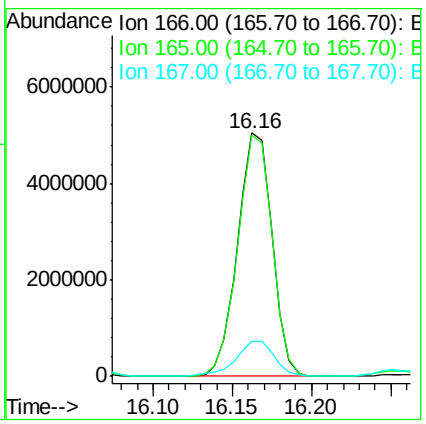


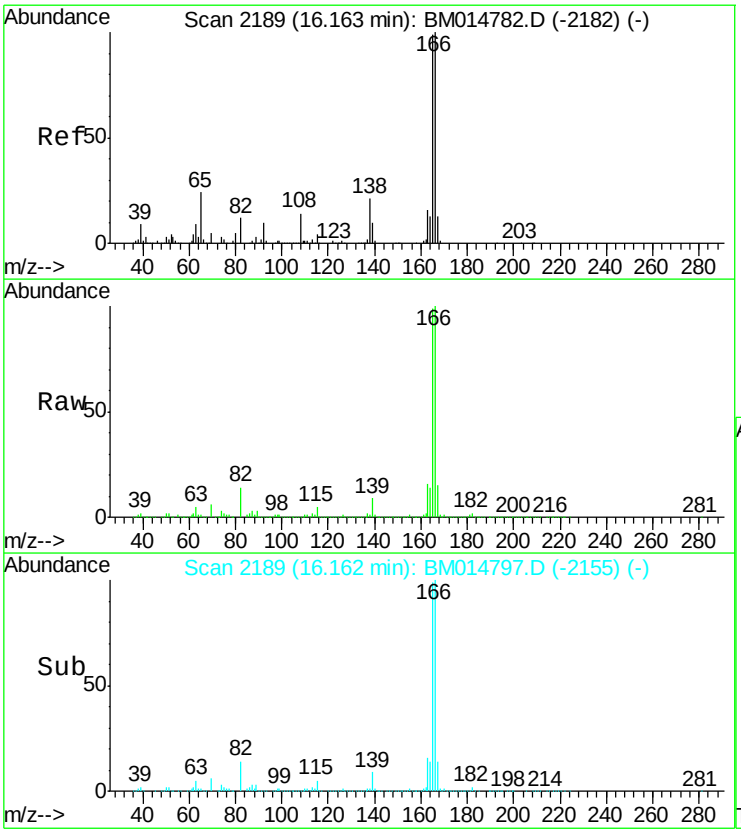
#58
Fluorene
Concen: 118.438 ng/ul
RT: 16.16 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 7608748

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.9	116.9
167	14.5	10.6	16.0

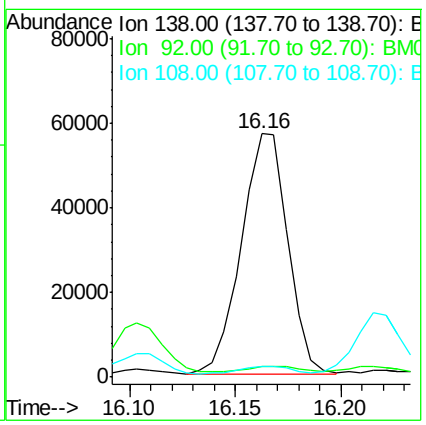


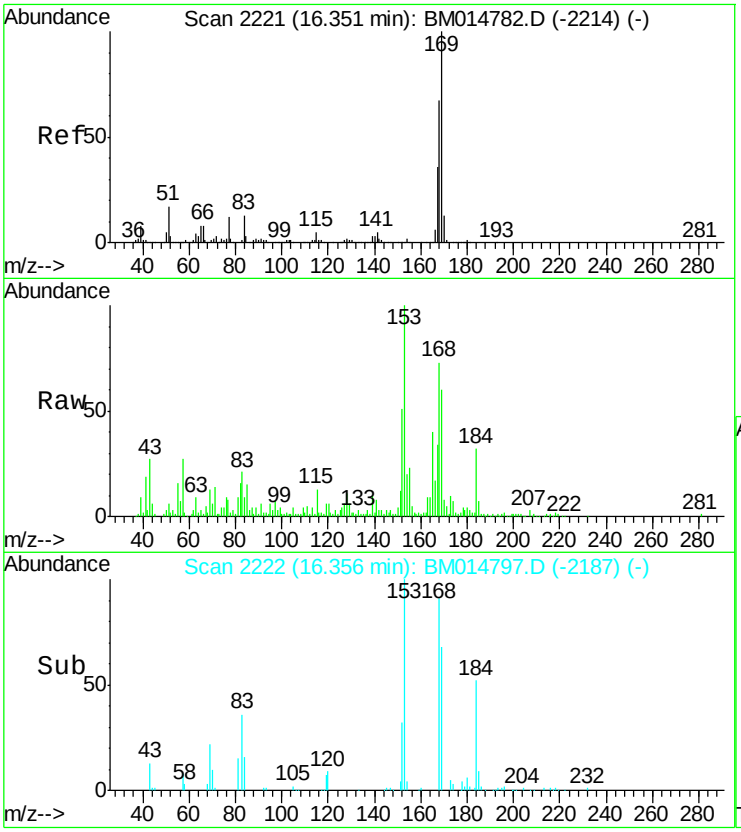


#60
4-Nitroaniline
Concen: 6.306 ng/ul
RT: 16.16 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:138 Resp: 86497

Ion	Ratio	Lower	Upper
138	100		
92	4.5	40.0	60.0#
108	4.6	80.0	120.0#



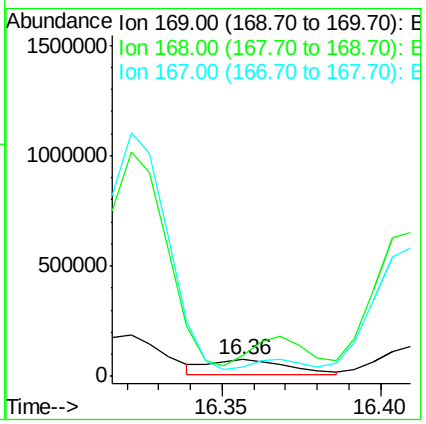


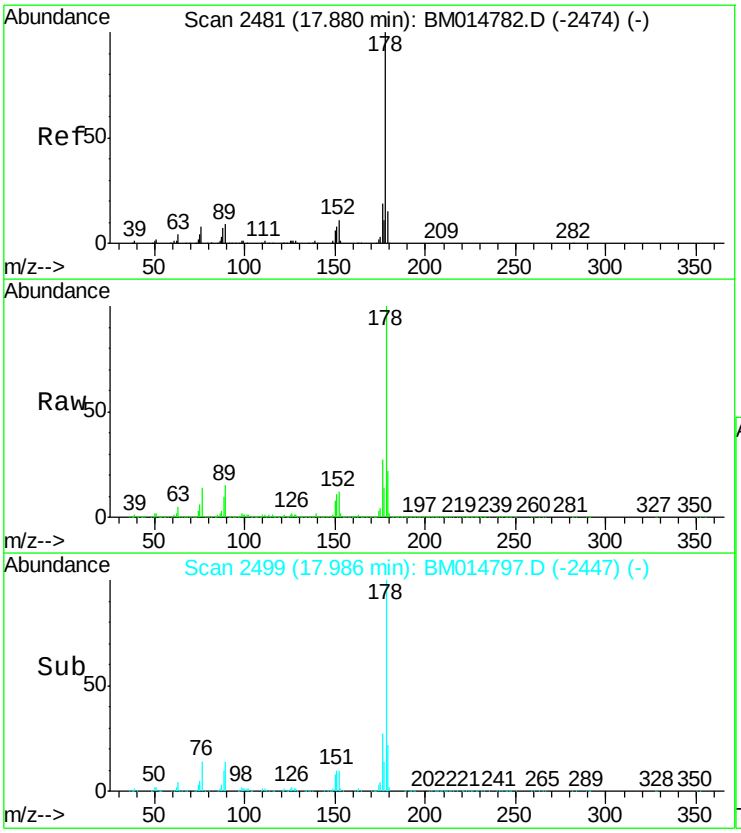
#64
N-Nitrosodiphenylamine
Concen: 2.244 ng/ul
RT: 16.36 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 116145

Ion	Ratio	Lower	Upper
169	100		
168	121.4	54.0	81.0#
167	56.3	29.1	43.7#

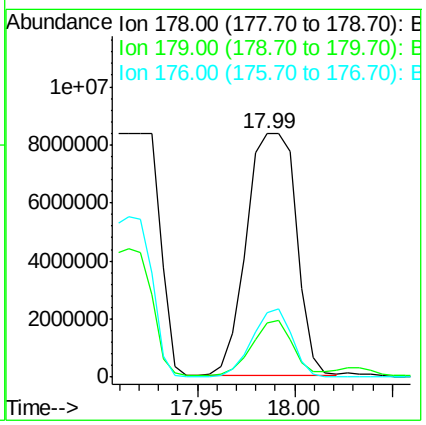


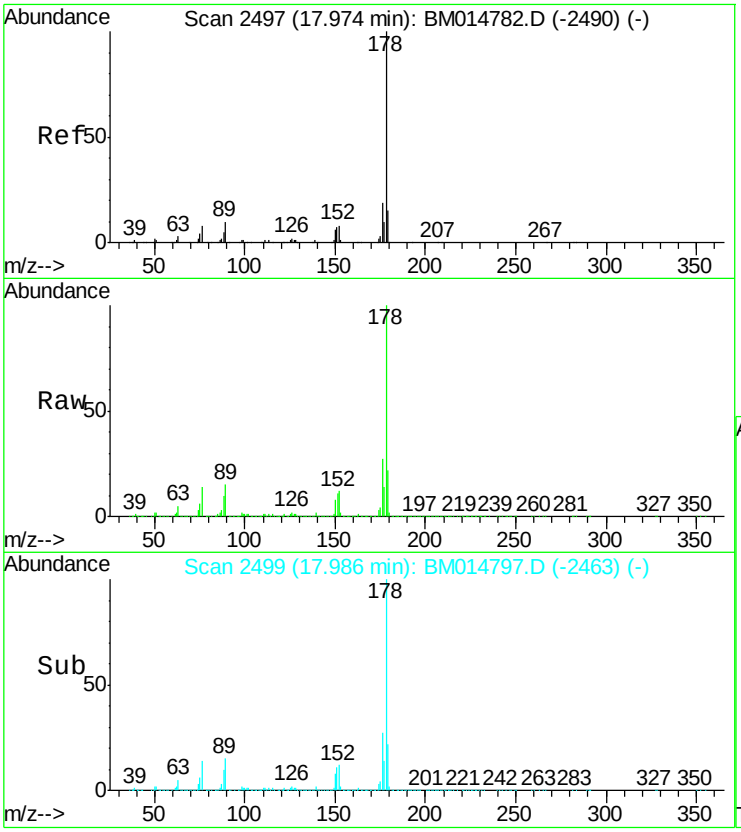


#69
Phenanthrene
Concen: 153.031 ng/ul
RT: 17.99 min Scan# 2499
Delta R.T. 0.11 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:178 Resp:14665227

Ion	Ratio	Lower	Upper
178	100		
179	22.4	12.6	19.0#
176	26.6	14.9	22.3#



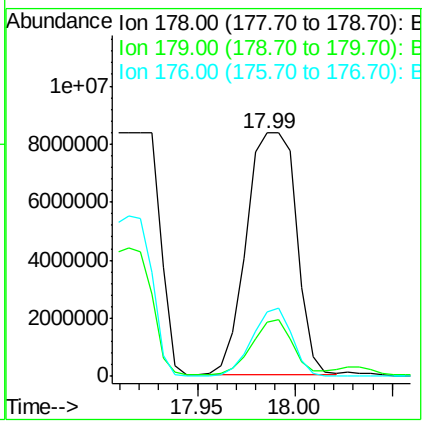


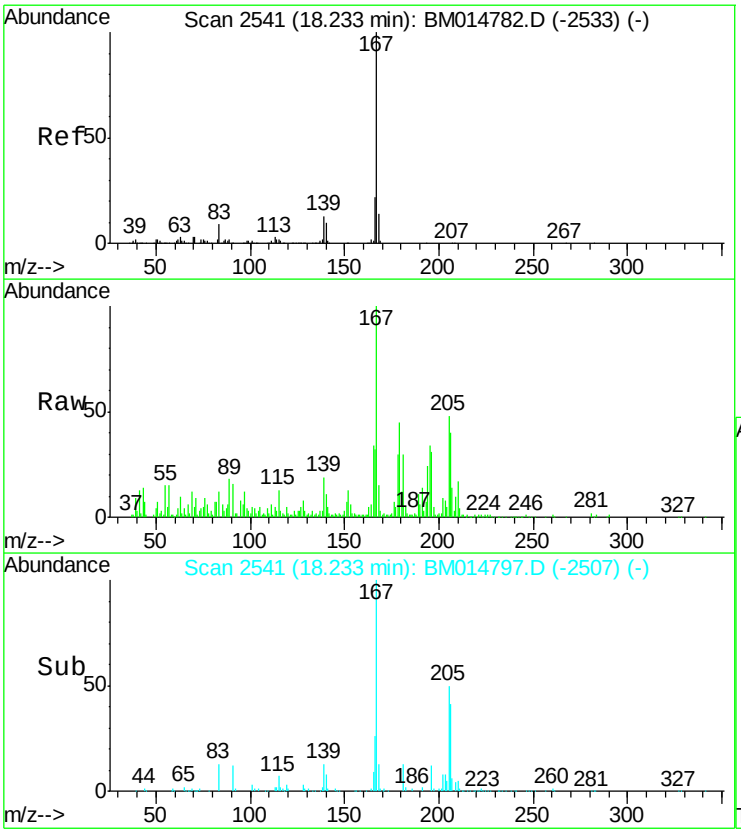
#71
Anthracene
Concen: 150.788 ng/ul
RT: 17.99 min Scan# 2499
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:14665227

Ion	Ratio	Lower	Upper
178	100		
179	22.4	11.7	17.5#
176	26.6	14.6	21.8#

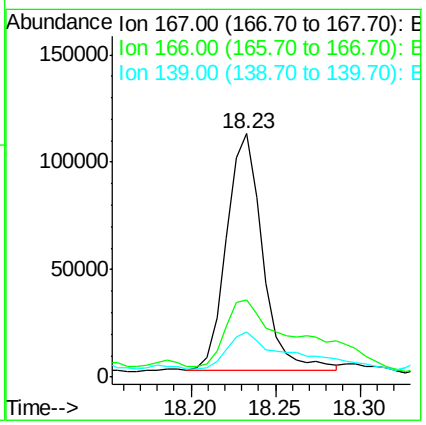


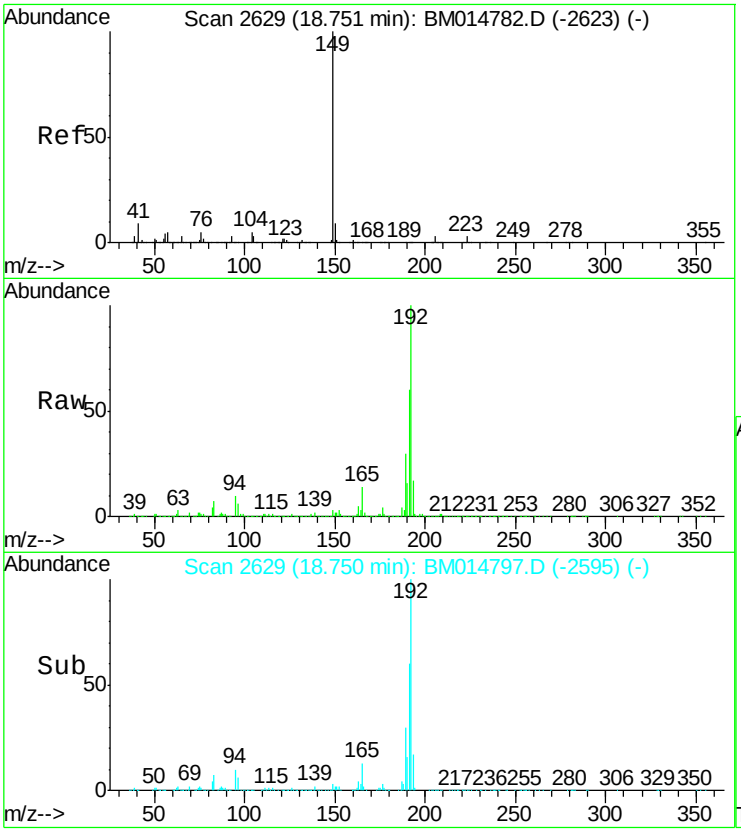


#72
Carbazole
Concen: 1.958 ng/ul
RT: 18.23 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:167 Resp: 162421

Ion	Ratio	Lower	Upper
167	100		
166	31.7	17.1	25.7#
139	18.8	10.0	15.0#



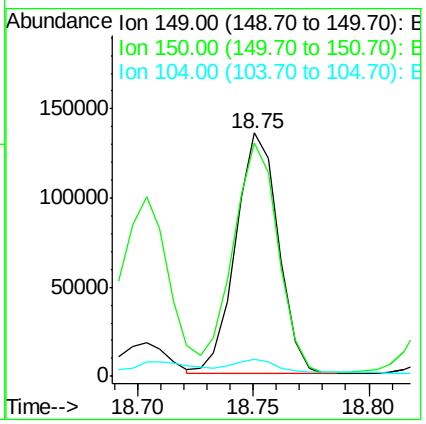


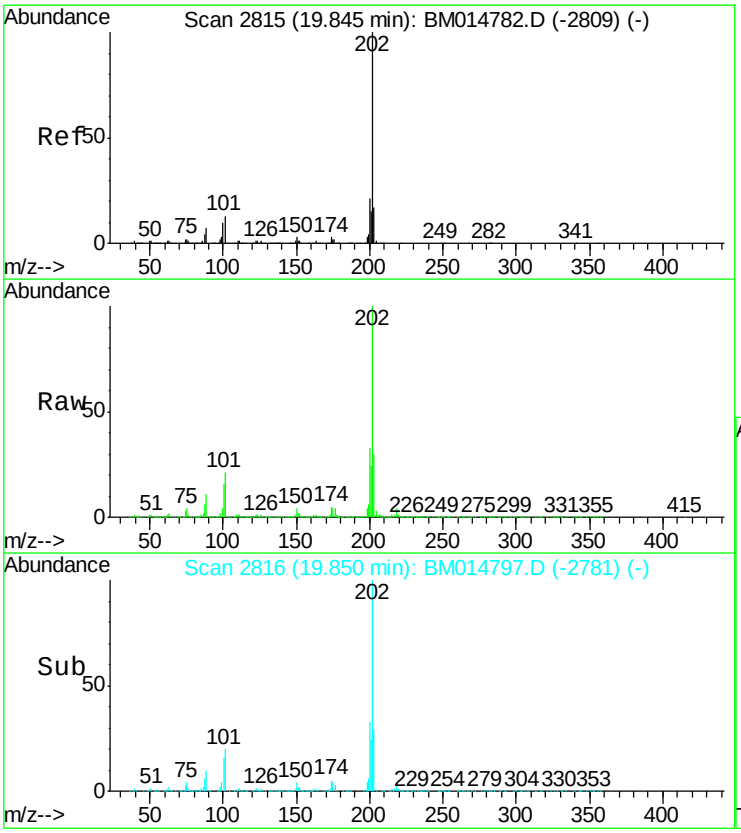
#73
Di-n-butylphthalate
Concen: 1.728 ng/ul
RT: 18.75 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 174366

Ion	Ratio	Lower	Upper
149	100		
150	96.0	7.1	10.7#
104	7.0	5.6	8.4

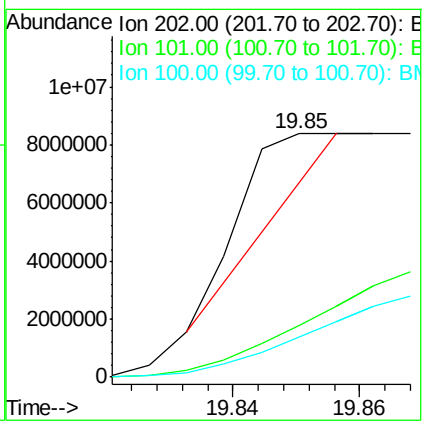


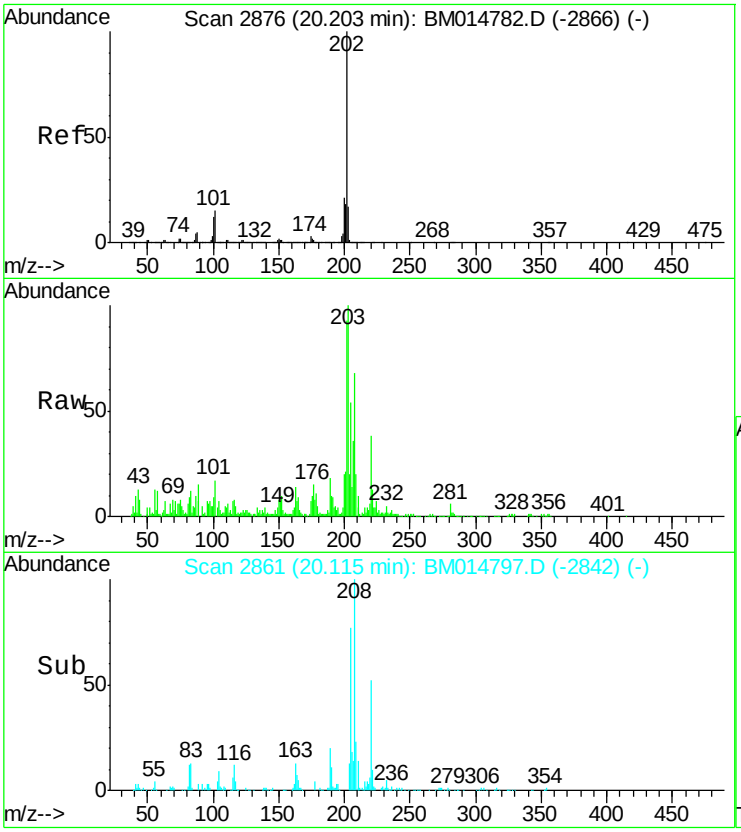


#74
Fluoranthene
Concen: 35.320 ng/ul
RT: 19.85 min Scan# 2816
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:202 Resp: 3690299

Ion	Ratio	Lower	Upper
202	100		
101	21.1	4.6	7.0#
100	16.3	3.4	5.2#



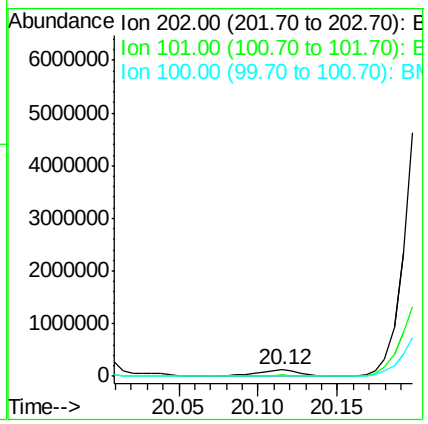


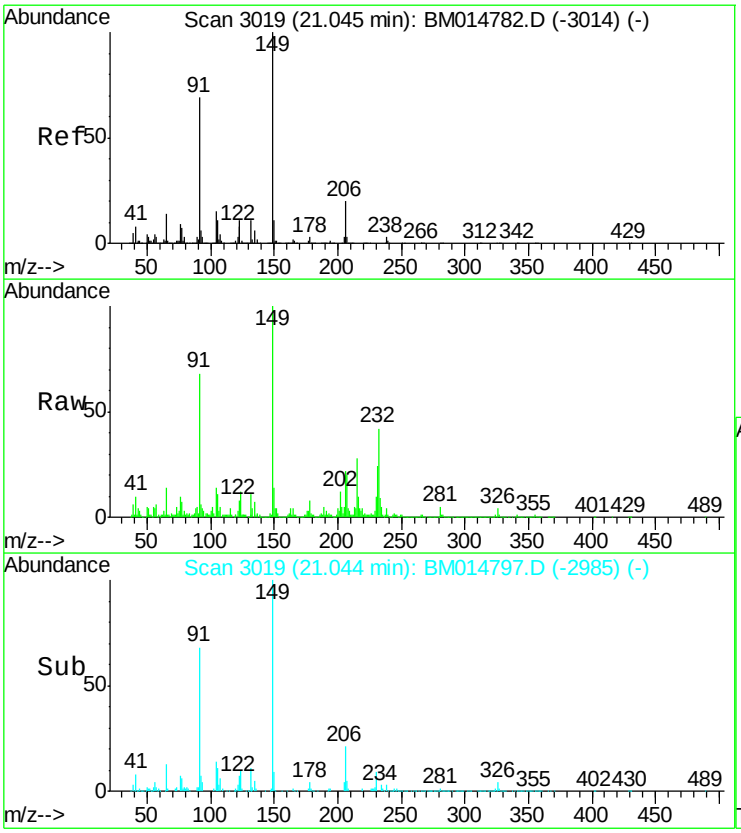
#77
Pyrene
Concen: 1.826 ng/ul
RT: 20.12 min Scan# 2861
Delta R.T. -0.09 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 195644

Ion	Ratio	Lower	Upper
202	100		
101	18.5	5.1	7.7#
100	9.7	4.9	7.3#

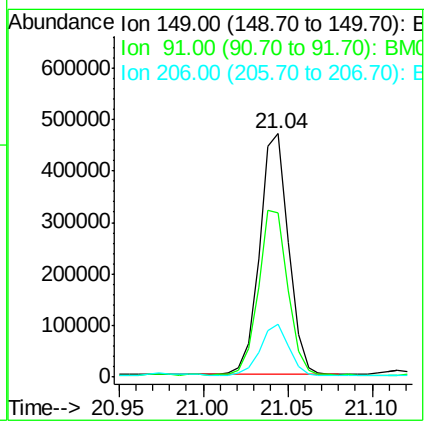


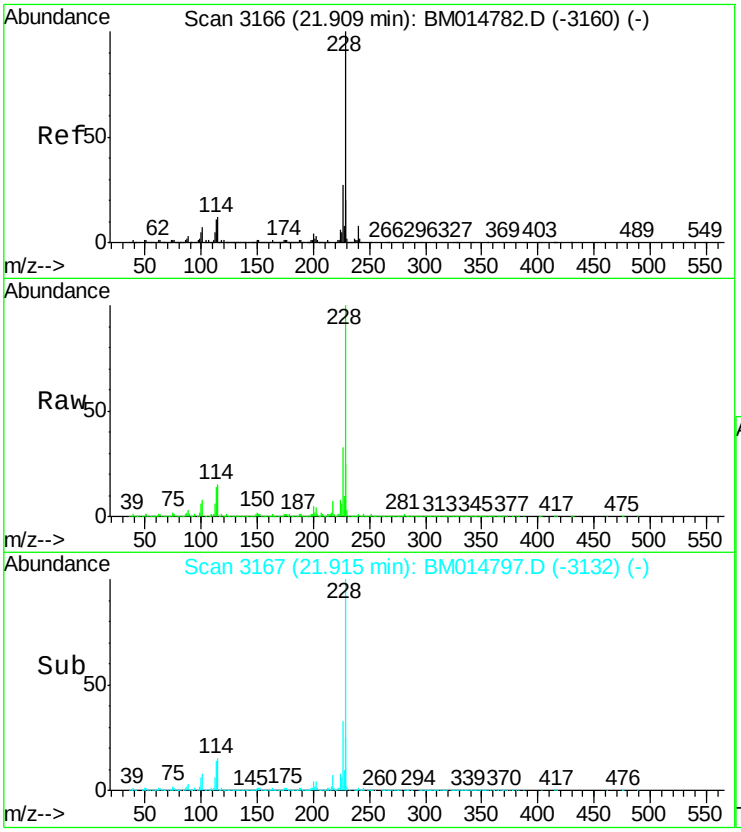


#78
Butylbenzylphthalate
Concen: 12.653 ng/ul
RT: 21.04 min Scan# 3019
Delta R.T. -0.00 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:149 Resp: 552958

Ion	Ratio	Lower	Upper
149	100		
91	67.7	62.7	94.1
206	21.5	20.8	31.2



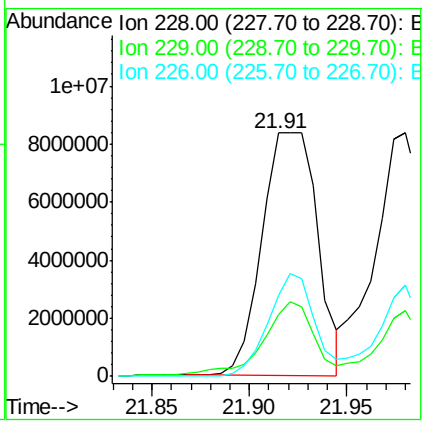


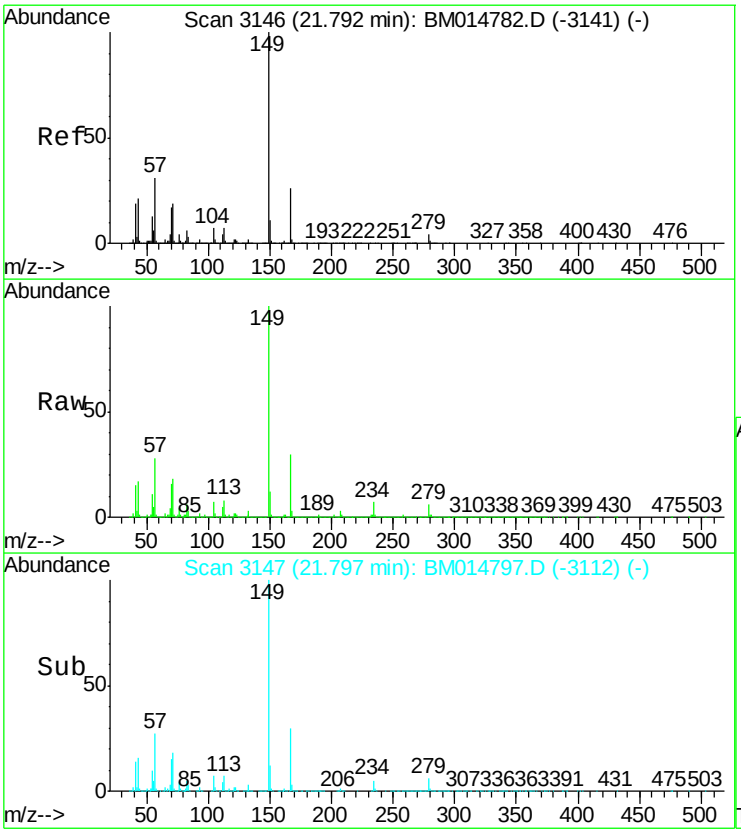
#80
Benzo(a)anthracene
Concen: 153.428 ng/ul
RT: 21.91 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp:16449097

Ion	Ratio	Lower	Upper
228	100		
229	25.4	15.4	23.0#
226	33.3	21.4	32.0#

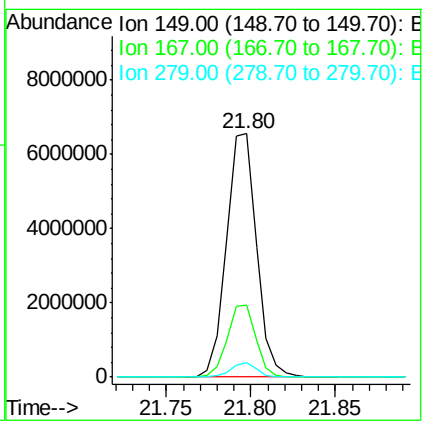


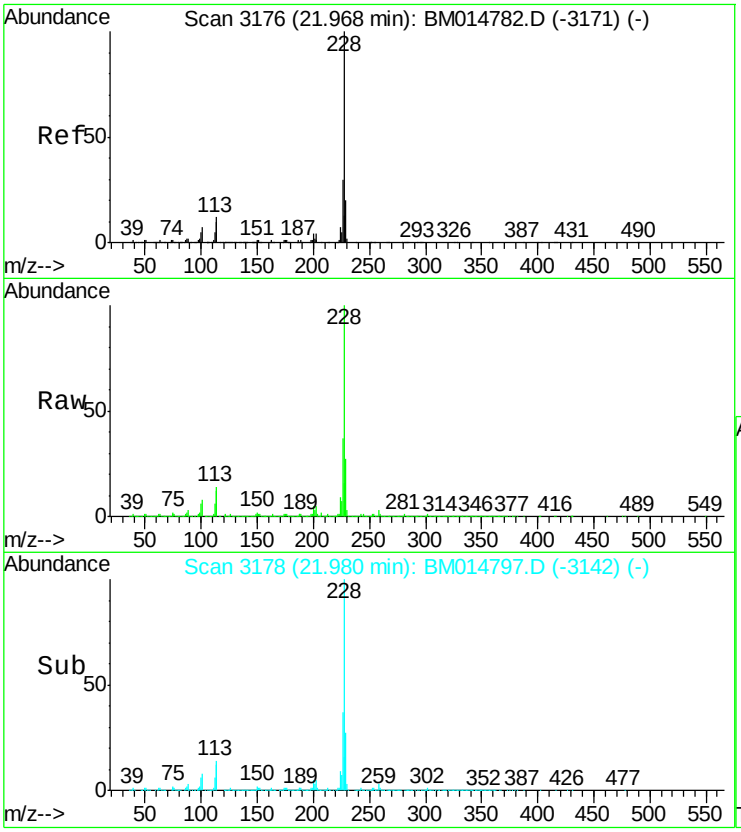


#81
Bis(2-ethylhexyl)phthalate
Concen: 125.648 ng/ul
RT: 21.80 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:149 Resp: 8059858

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.8	34.2
279	5.8	4.9	7.3



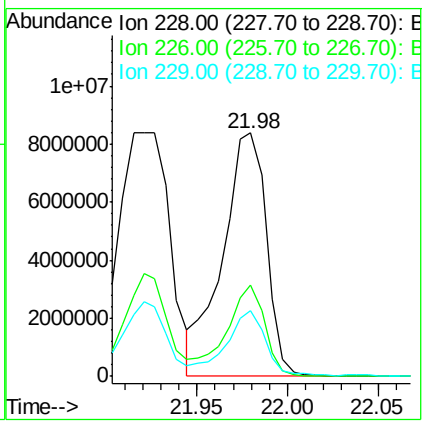


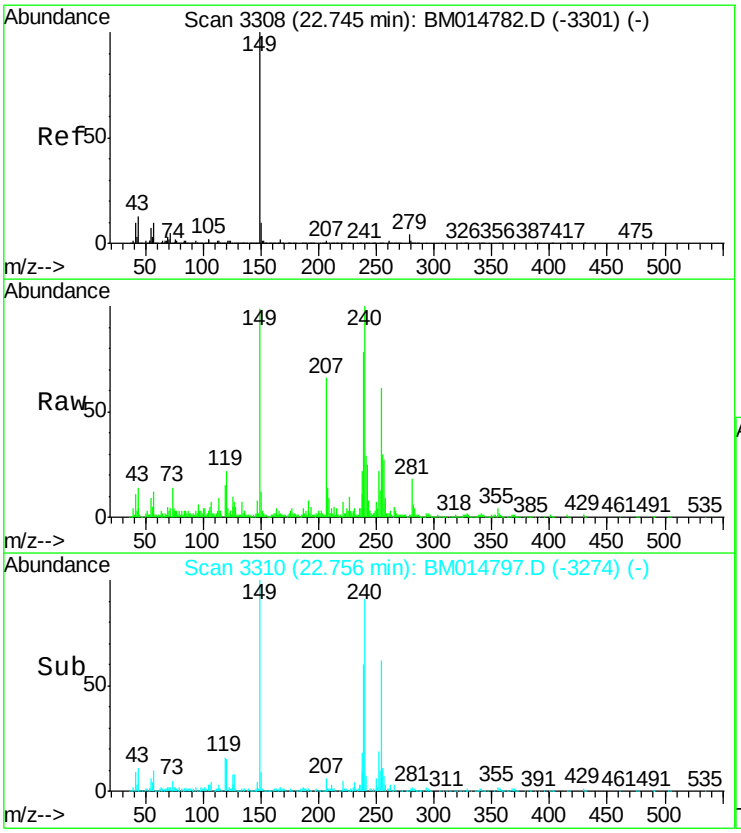
#82
Chrysene
Concen: 139.948 ng/ul
RT: 21.98 min Scan# 3178
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp:14045902

Ion	Ratio	Lower	Upper
228	100		
226	37.3	23.4	35.2#
229	27.0	15.5	23.3#

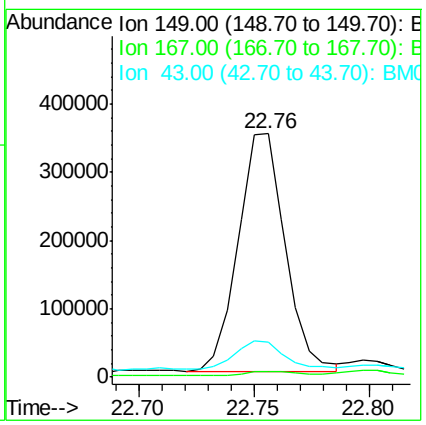


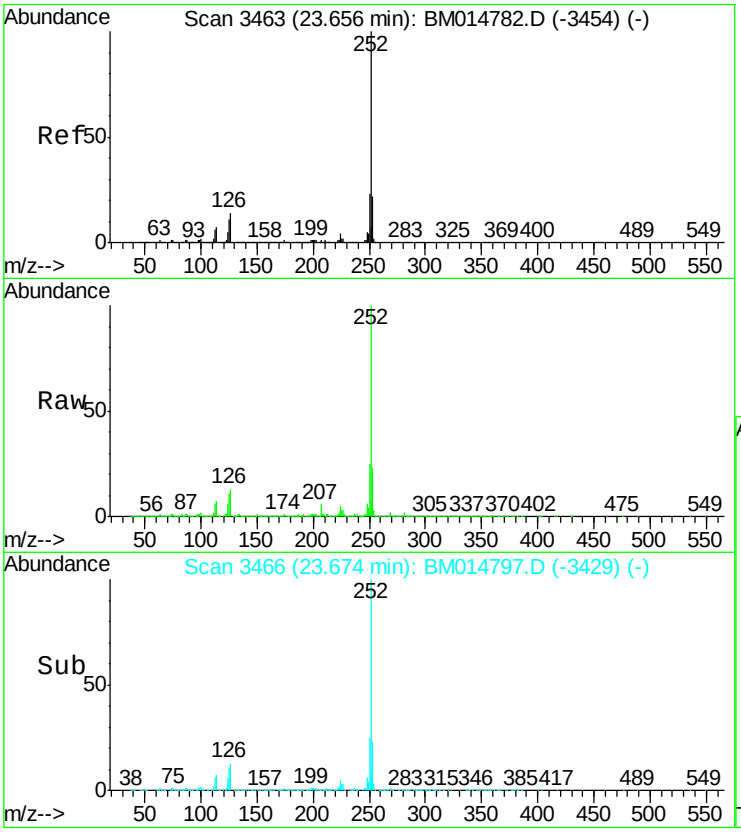


#84
Di-n-octyl phthalate
Concen: 4.495 ng/ul
RT: 22.76 min Scan# 3310
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:149 Resp: 494866

Ion	Ratio	Lower	Upper
149	100		
167	2.5	1.3	1.9#
43	14.5	7.3	10.9#



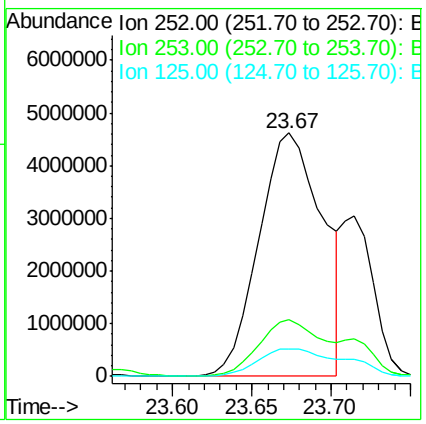


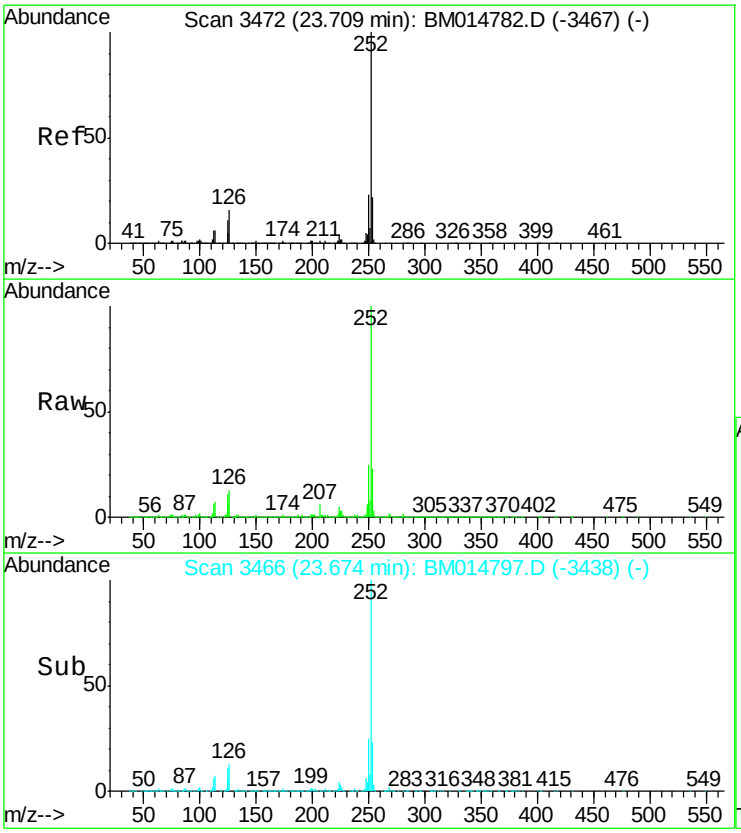
#85
Benzo(b)fluoranthene
Concen: 114.028 ng/ul
RT: 23.67 min Scan# 3466
Delta R.T. 0.02 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp:12866188

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.5	3.6	5.4#

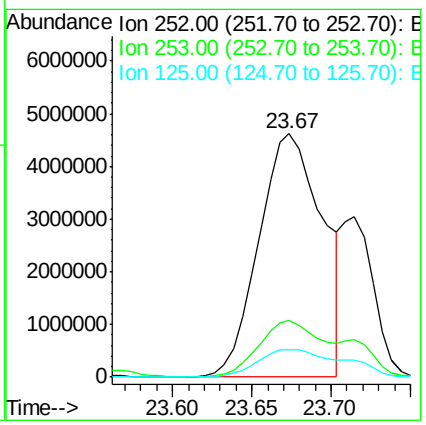


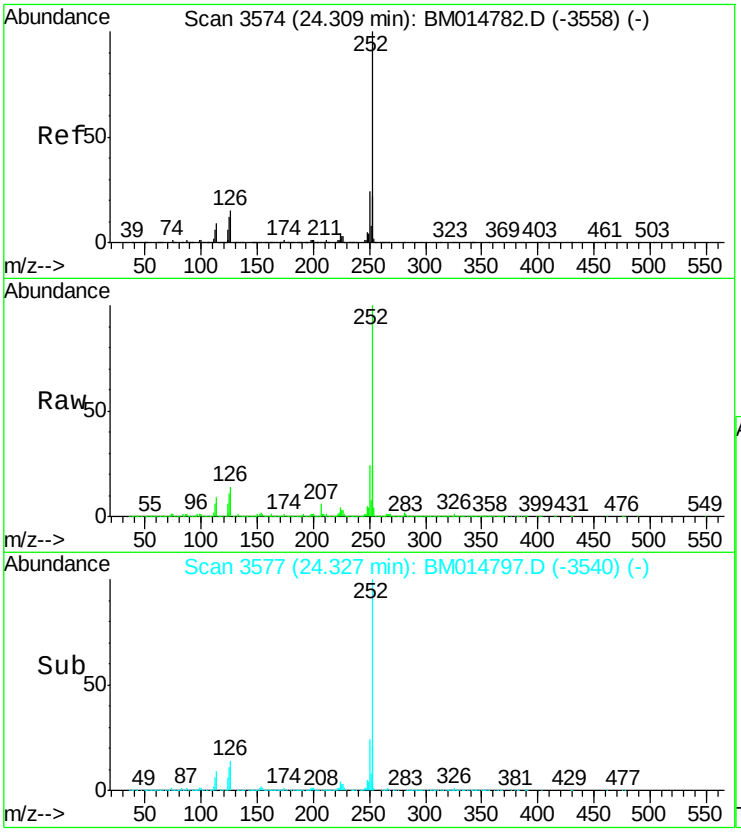


#86
Benzo(k)fluoranthene
Concen: 118.581 ng/ul
RT: 23.67 min Scan# 3466
Delta R.T. -0.04 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:252 Resp:12866188

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	11.5	3.4	5.2#



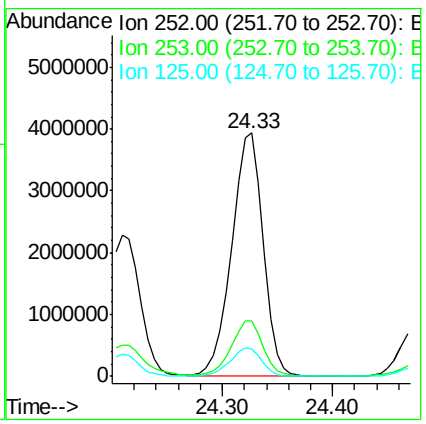


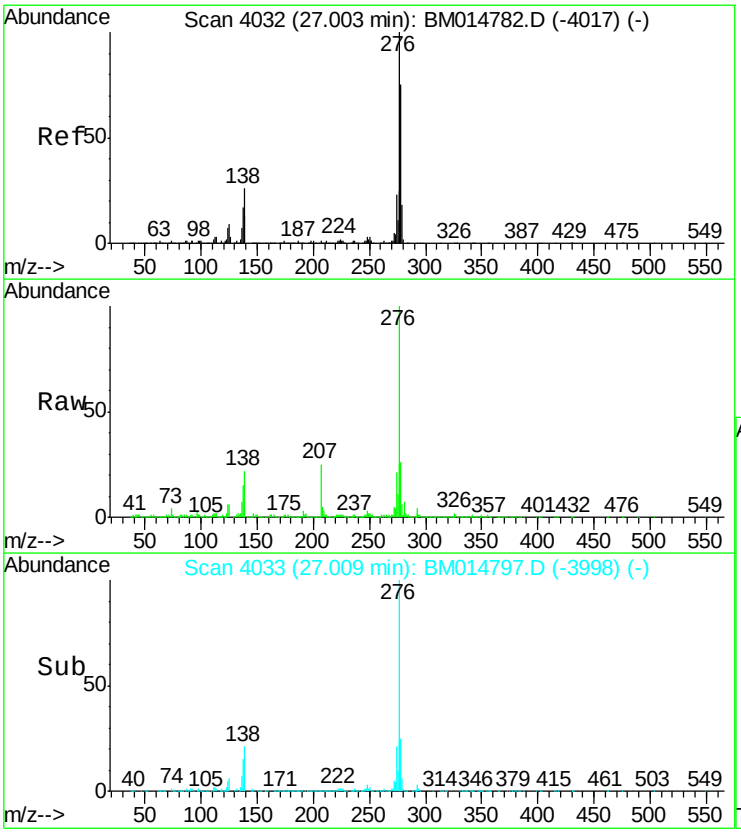
#88
Benzo(a)pyrene
Concen: 73.274 ng/ul
RT: 24.33 min Scan# 3577
Delta R.T. 0.02 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 7842667

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.5	4.0	6.0#

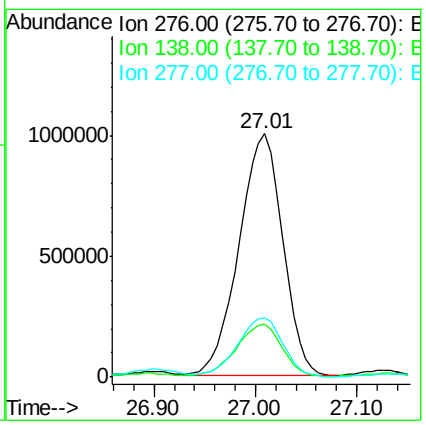


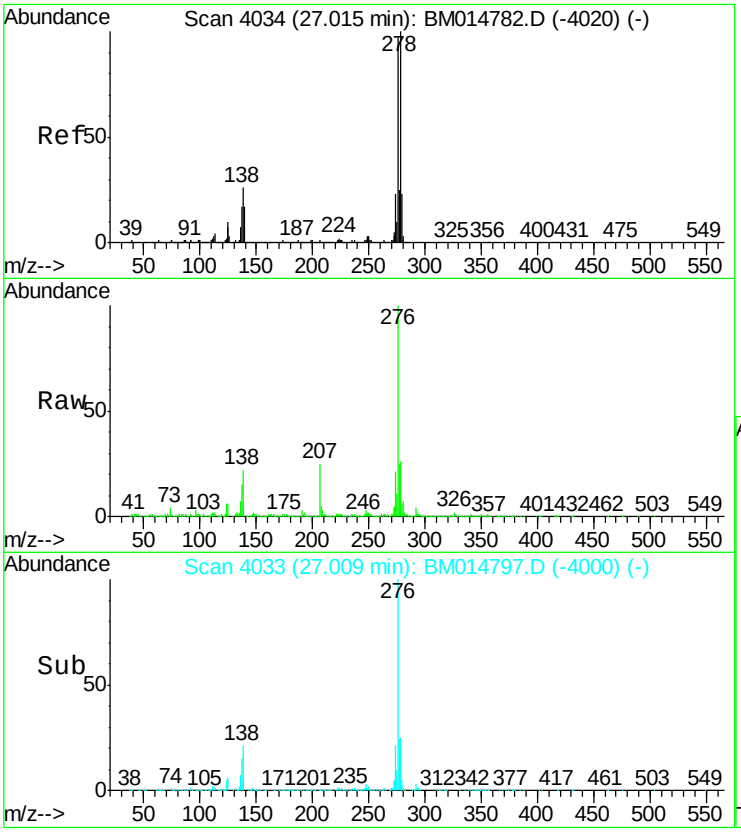


#89
Indeno(1,2,3-cd)pyrene
Concen: 23.198 ng/ul
RT: 27.01 min Scan# 4033
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:276 Resp: 3003746

Ion	Ratio	Lower	Upper
276	100		
138	21.7	9.3	13.9#
277	24.6	19.9	29.9



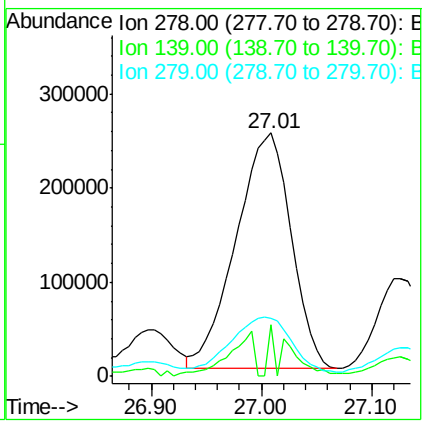


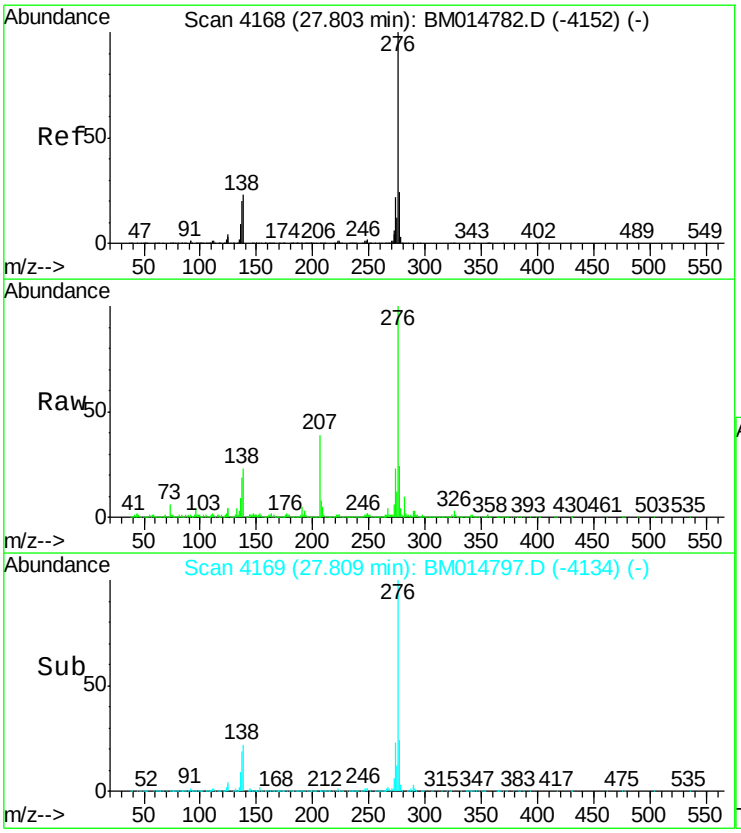
#90
Dibenzo(a,h)anthracene
Concen: 8.073 ng/ul
RT: 27.01 min Scan# 4033
Delta R.T. -0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 880131

Ion	Ratio	Lower	Upper
278	100		
139	21.1	5.8	8.8#
279	24.1	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 20.094 ng/ul
RT: 27.81 min Scan# 4169
Delta R.T. 0.01 min
Lab File: BM014797.D
Acq: 24 Apr 2018 03:53

Tgt Ion:276 Resp: 2140456

Ion	Ratio	Lower	Upper
276	100		
138	22.6	8.5	12.7#
277	24.5	18.6	28.0