Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012624.D
Acq On : 01 Nov 2017 04:19
Operator : SJ/JU
Sample : I5873-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 01 06:45:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	447883	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1850698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1295208	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.23	188	2511603	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2227440	20.00	ng/ul	0.01
83) Perylene-d12	23.73	264	2344090	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	25444	2.90	ng/uL	0.00
5) Phenol-d5	7.02	99	747491	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	431011	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	595547	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	700979	21.92	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	13477	1.16	ng/ul	-0.05
22) 2-Nitrophenol-d4	9.73	143	352934	29.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	767888	24.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	671866	20.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2568834	22.70	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3224527	24.09	ng/ul	0.02
51) 4-Nitrophenol-d4	14.70	143	374760	22.28	ng/ul	0.01
57) Fluorene-d10	15.49	176	2294249	23.96	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.61	200	263621	21.69	ng/ul	0.01
70) Anthracene-d10	17.33	188	3326977	27.80	ng/ul	0.01
76) Pyrene-d10	19.63	212	3169982	31.02	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.59	264	3030186	27.21	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	7.00	77	90941	4.47	ng/ul#	1
6) Phenol	7.05	94	159695	4.10	ng/ul#	82
14) Acetophenone	8.65	105	947340	18.86	ng/ul#	26
17) Hexachloroethane	8.96	117	217588	17.90	ng/ul#	1
20) Nitrobenzene	9.05	77	43603	1.31	ng/ul#	67
21) Isophorone	9.57	82	124544	1.76	ng/ul#	1
23) 2-Nitrophenol	9.76	139	28728	2.17	ng/ul#	1
24) 2,4-Dimethylphenol	9.85	107	492678	13.20	ng/ul#	41
28) Naphthalene	10.70	128	714191	7.78	ng/ul	99
32) Caprolactam	11.58	113	19588	1.96	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.95	107	146356	4.22	ng/ul#	22
34) 2-Methylnaphthalene	12.32	142	1006406	13.51	ng/ul	97
40) 1,1'-Biphenyl	13.33	154	226076	2.19	ng/ul#	80
42) 2-Nitroaniline	13.56	65	23270	1.23	ng/ul#	78
44) Dimethylphthalate	13.95	163	582759	5.21	ng/ul#	46
45) 2,6-Dinitrotoluene	14.05	165	314795	17.70	ng/ul#	8
47) Acenaphthylene	14.24	152	309557	2.42	ng/ul#	1
48) 3-Nitroaniline	14.41	138	219956	13.20	ng/ul#	14
52) 4-Nitrophenol	14.73	109	211166	12.37	ng/ul#	2
53) Dibenzofuran	14.90	168	242903	1.88	ng/ul#	38
58) Fluorene	15.55	166	165496	1.51	ng/ul#	54
63) 4,6-Dinitro-2-methylphenol	15.59	198	24869	1.86	ng/ul#	1
64) N-Nitrosodiphenylamine	15.76	169	272030	3.73	ng/ul#	56

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012624.D
Acq On : 01 Nov 2017 04:19
Operator : SJ/JU
Sample : I5873-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 01 06:45:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
69) Phenanthrene	17.28	178	946585	6.97 ng/ul#	87
74) Fluoranthene	19.29	202	456657	2.97 ng/ul#	83
77) Pyrene	19.65	202	858867	6.78 ng/ul#	87
80) Benzo(a)anthracene	21.40	228	240808	1.81 ng/ul#	28
81) Bis(2-ethylhexyl)phthalate	21.32	149	1206176	15.89 ng/ul#	92
82) Chrysene	21.44	228	522899	4.41 ng/ul#	59
85) Benzo(b)fluoranthene	23.03	252	543099	3.75 ng/ul#	1
86) Benzo(k)fluoranthene	23.03	252	543099	3.98 ng/ul#	1
88) Benzo(a)pyrene	23.63	252	296428	2.15 ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	26.09	276	312983	1.92 ng/ul#	57
91) Benzo(g,h,i)perylene	26.80	276	374834	2.84 ng/ul#	63

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

Quantitation Report (Not Reviewed)

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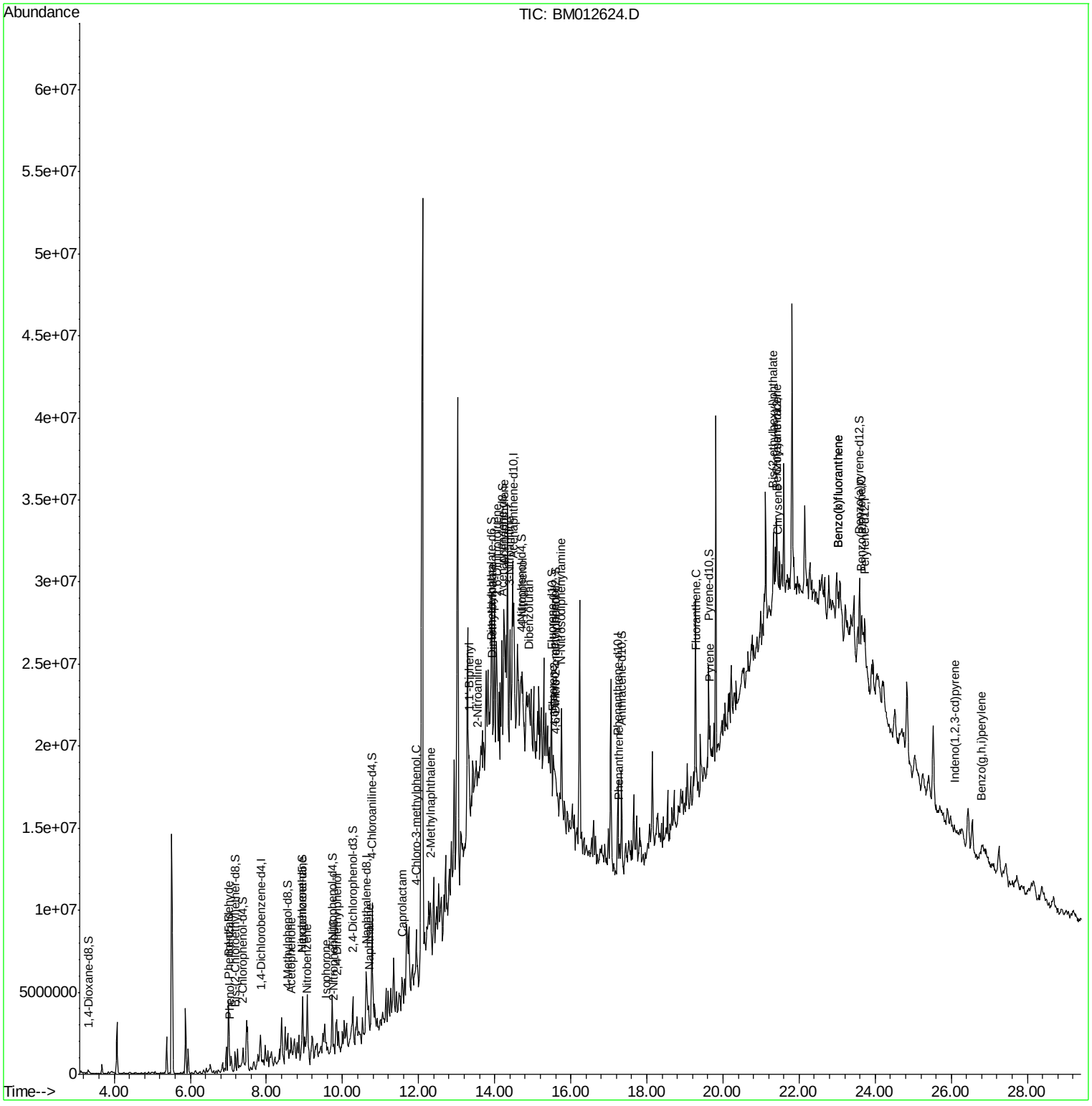
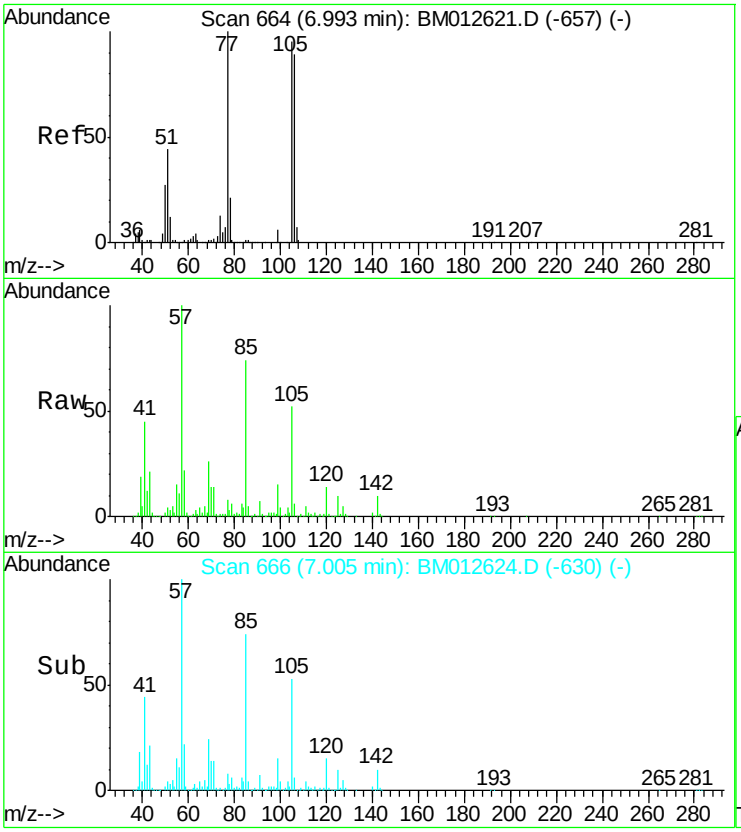
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



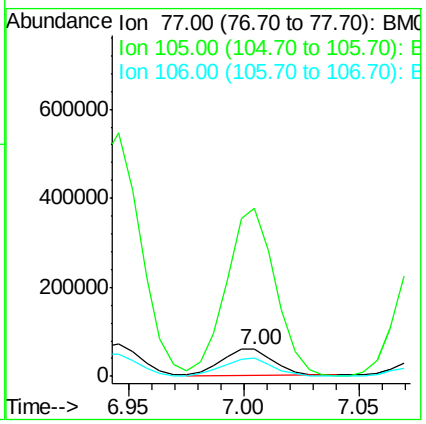


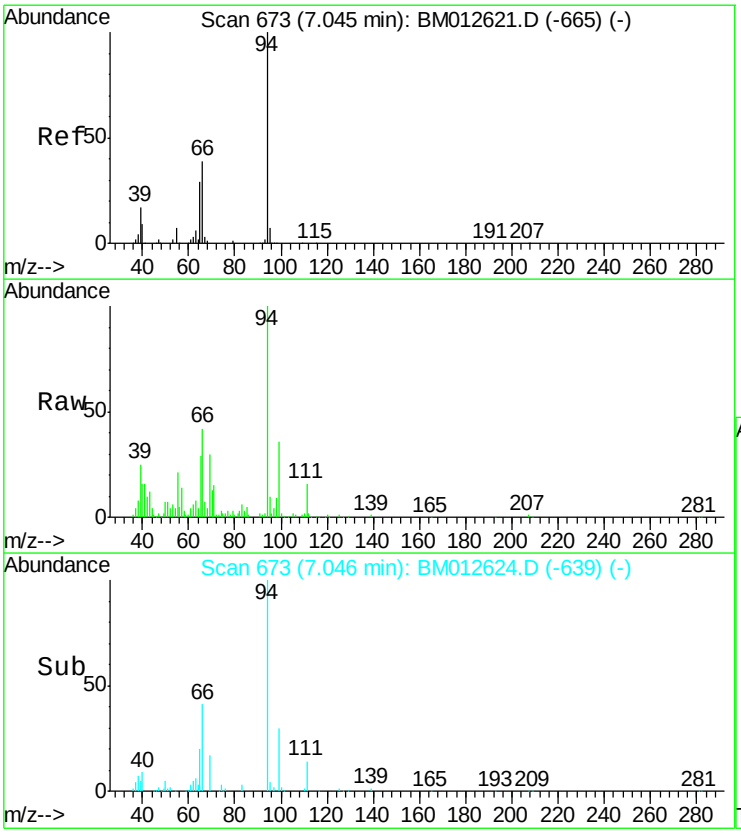
#4
Benzaldehyde
Concen: 4.47 ng/ul
RT: 7.00 min Scan# 666
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 90941

Ion	Ratio	Lower	Upper
77	100		
105	627.1	66.1	99.1#
106	67.2	67.8	101.6#

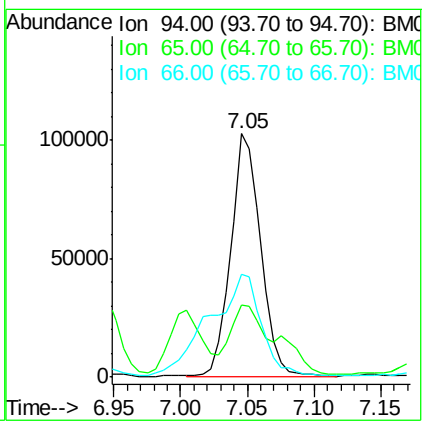


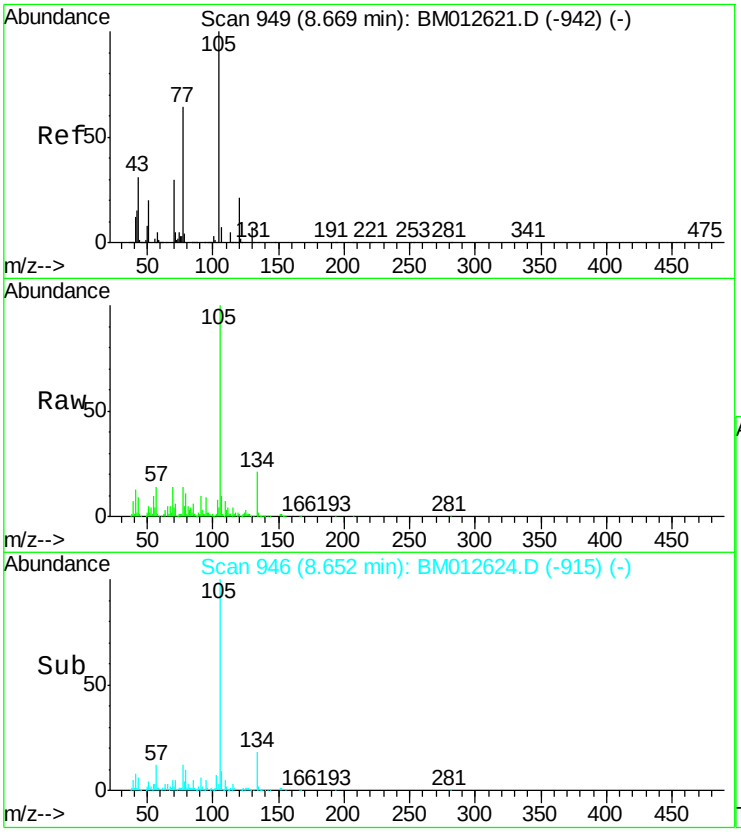


#6
Phenol
Concen: 4.10 ng/ul
RT: 7.05 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion: 94 Resp: 159695

Ion	Ratio	Lower	Upper
94	100		
65	29.5	28.2	42.4
66	42.4	47.2	70.8#



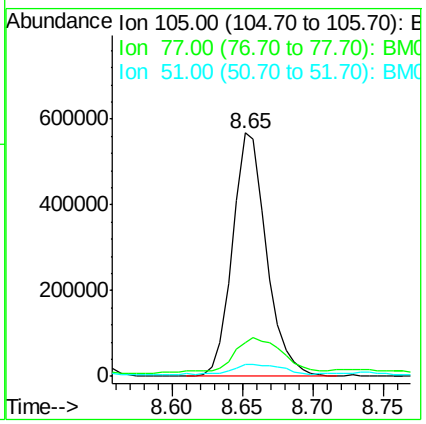


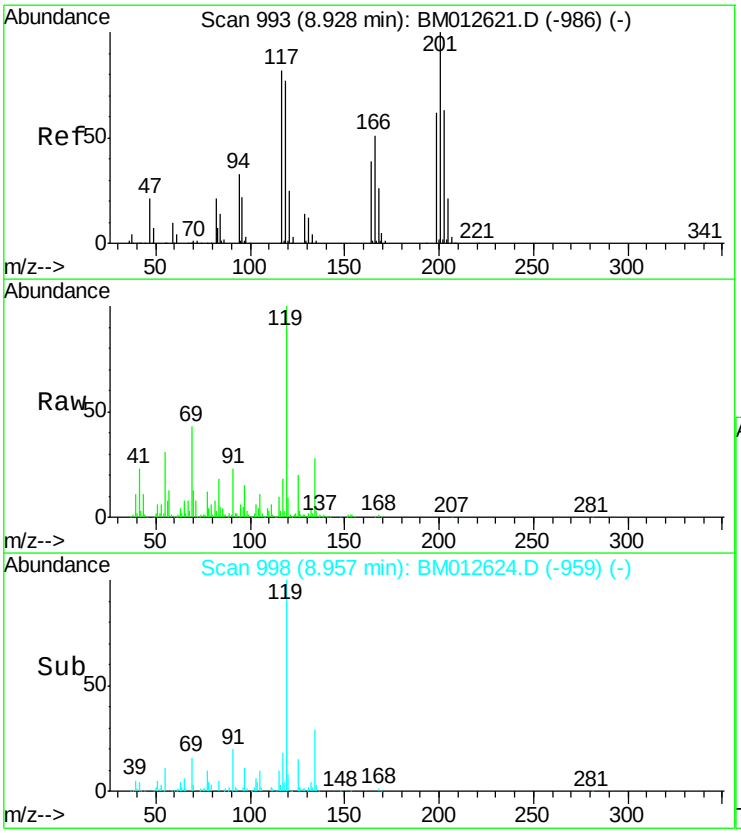
#14
Acetophenone
Concen: 18.86 ng/ul
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 947340

Ion	Ratio	Lower	Upper
105	100		
77	13.6	74.2	111.4#
51	4.6	23.4	35.2#

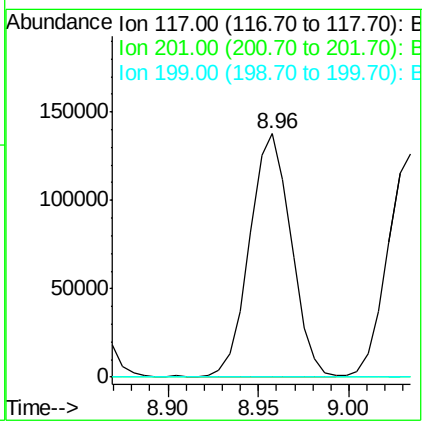


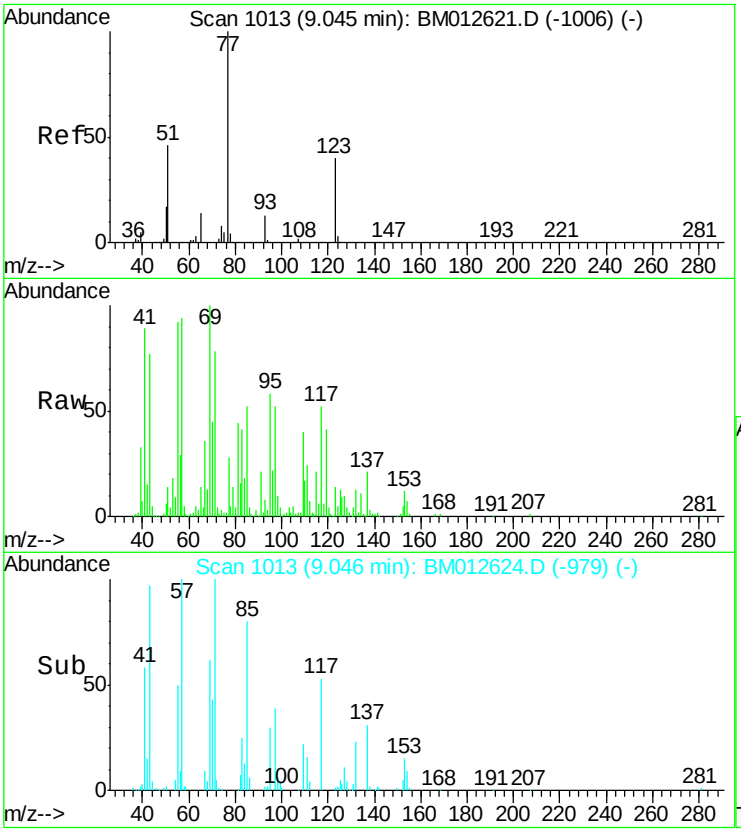


#17
Hexachloroethane
Concen: 17.90 ng/ul
RT: 8.96 min Scan# 998
Delta R.T. 0.03 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:117 Resp: 217588

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



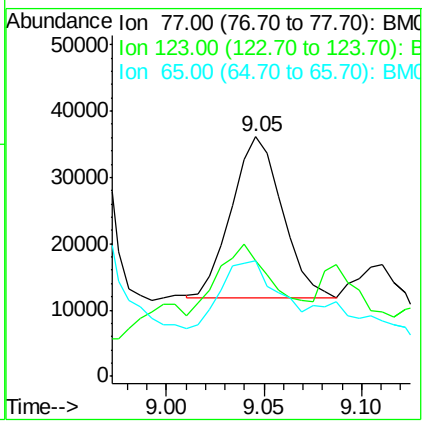


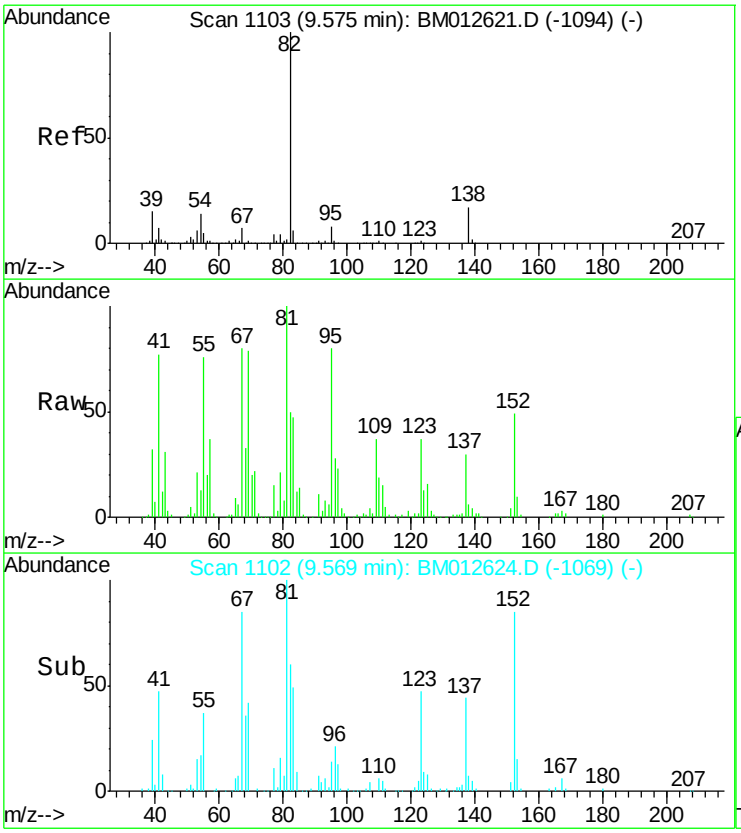
#20
Nitrobenzene
Concen: 1.31 ng/ul
RT: 9.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 43603

Ion	Ratio	Lower	Upper
77	100		
123	48.3	31.0	46.6#
65	48.2	12.2	18.2#

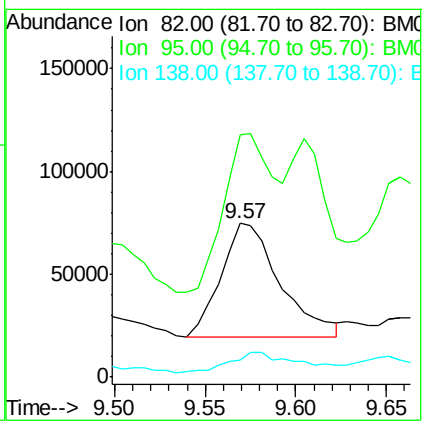


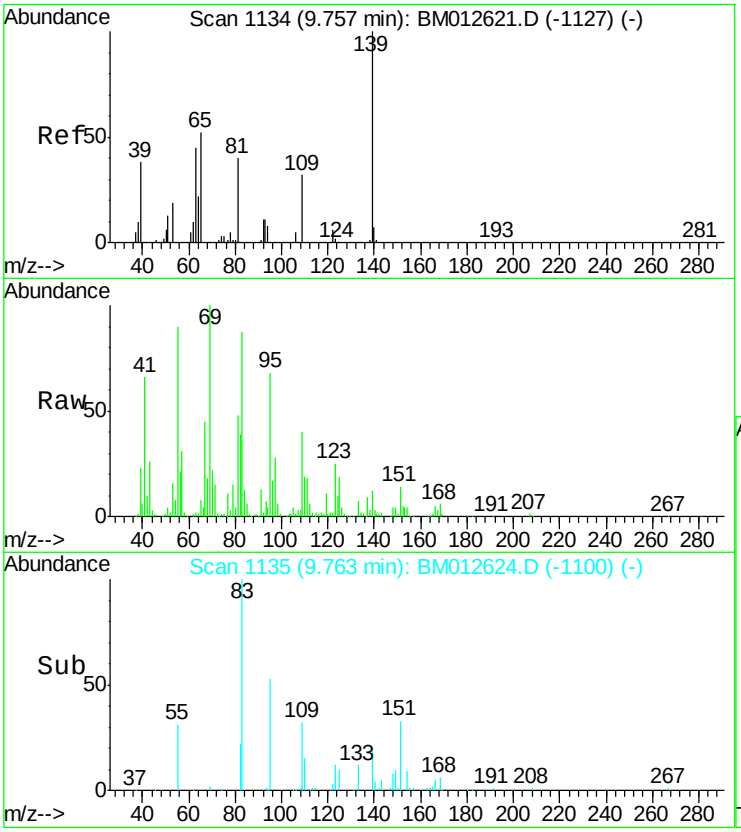


#21
Isophorone
Concen: 1.76 ng/ul
RT: 9.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion: 82 Resp: 124544

Ion	Ratio	Lower	Upper
82	100		
95	157.5	7.8	11.8#
138	11.3	11.9	17.9#



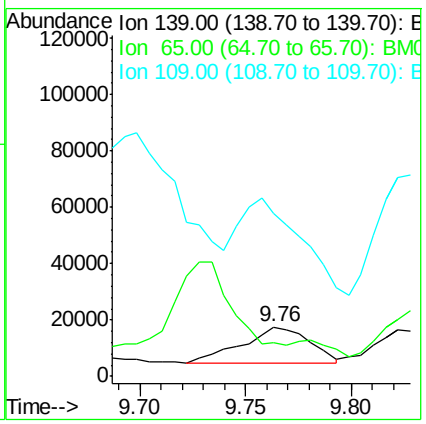


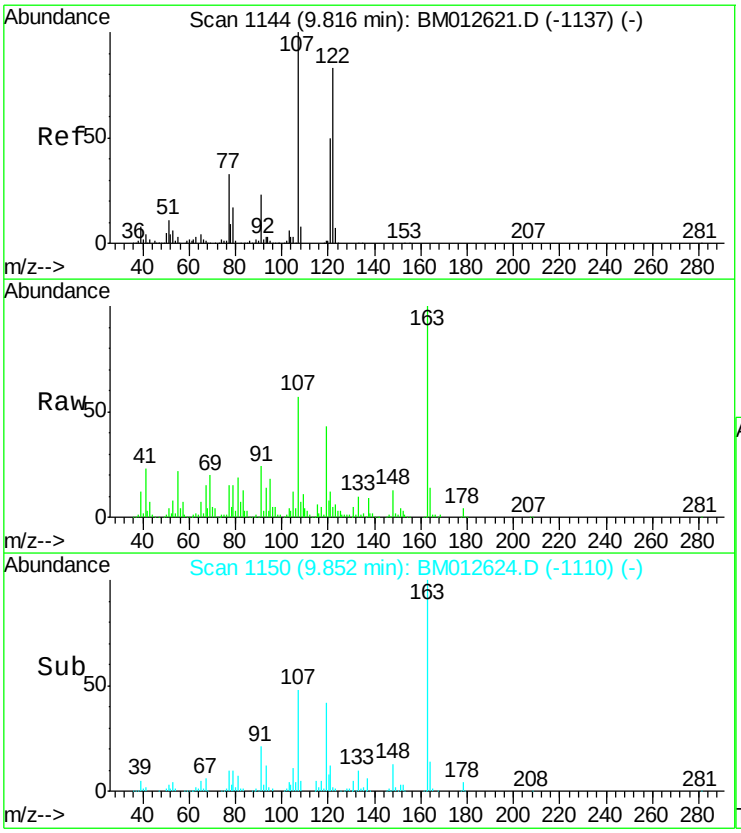
#23
2-Nitrophenol
Concen: 2.17 ng/ul
RT: 9.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 28728

Ion	Ratio	Lower	Upper
139	100		
65	70.0	55.4	83.0
109	333.2	42.2	63.2#

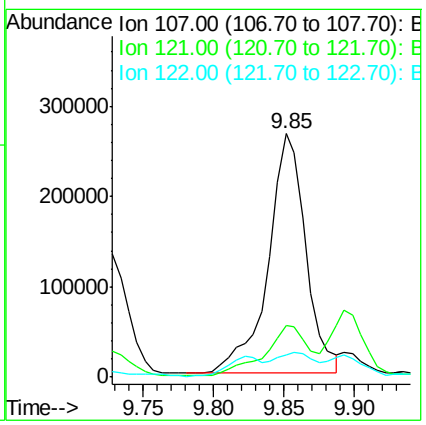


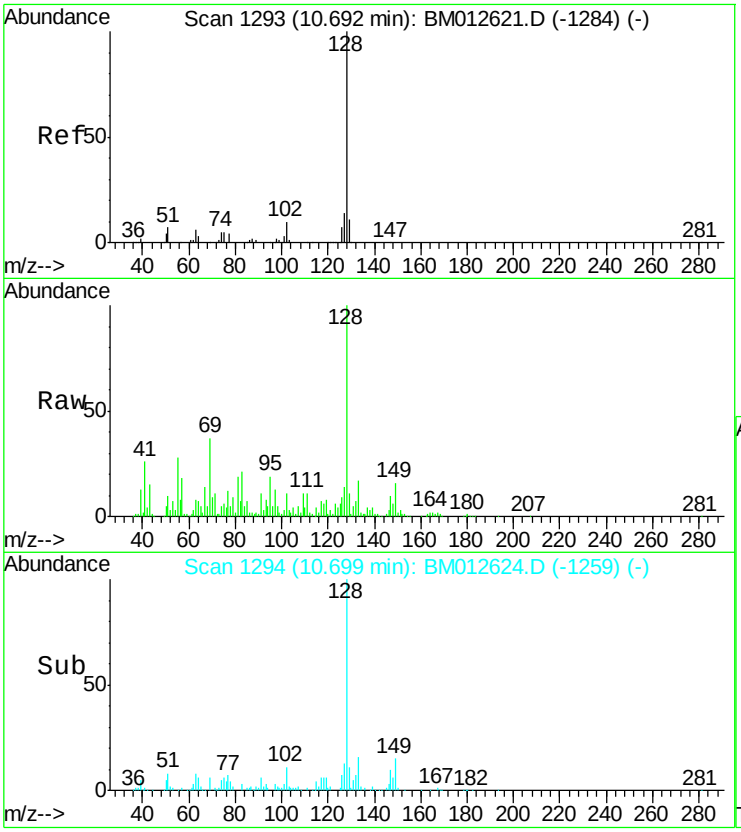


#24
2,4-Dimethylphenol
Concen: 13.20 ng/ul
RT: 9.85 min Scan# 1150
Delta R.T. 0.04 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:107 Resp: 492678

Ion	Ratio	Lower	Upper
107	100		
121	21.4	31.9	47.9#
122	9.3	57.8	86.6#



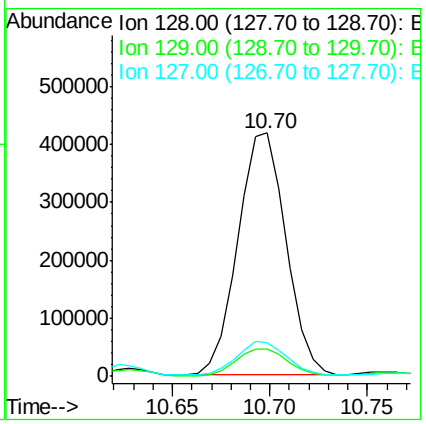


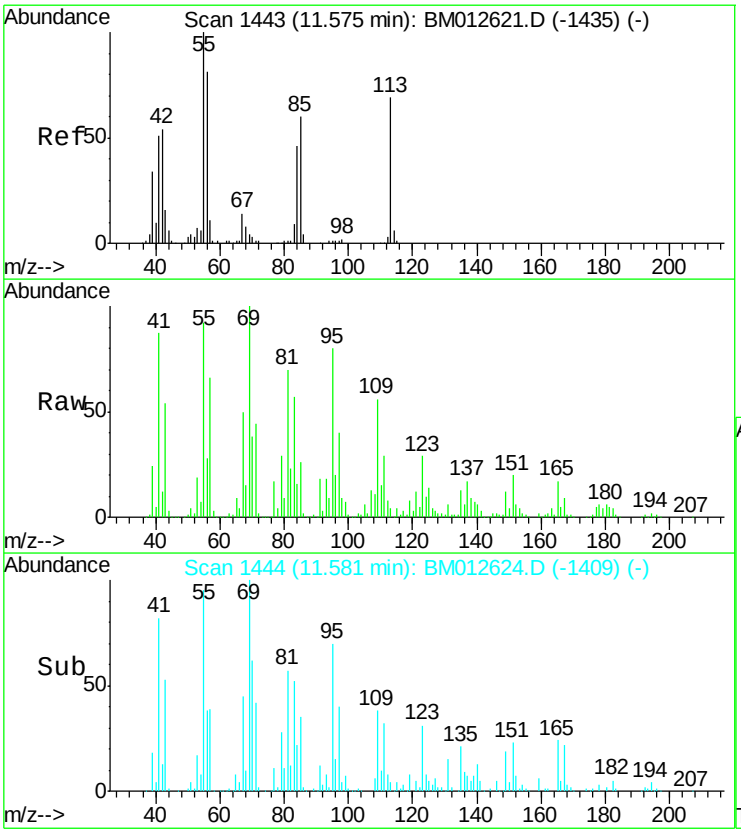
#28
Naphthalene
Concen: 7.78 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 714191

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.8	10.6	16.0

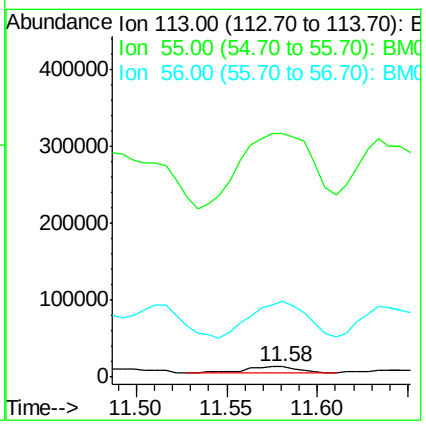


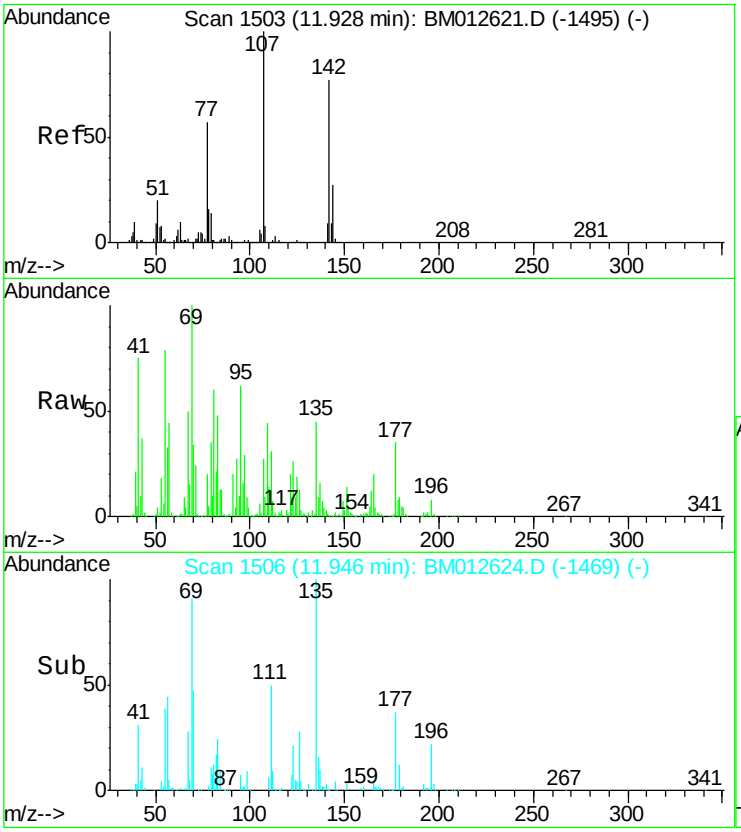


#32
Caprolactam
Concen: 1.96 ng/ul
RT: 11.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:113 Resp: 19588

Ion	Ratio	Lower	Upper
113	100		
55	2389.6	208.0	312.0#
56	741.2	160.0	240.0#



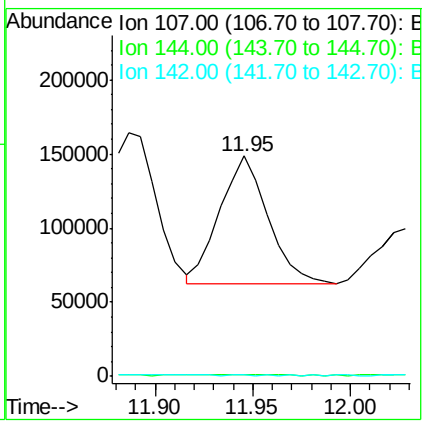


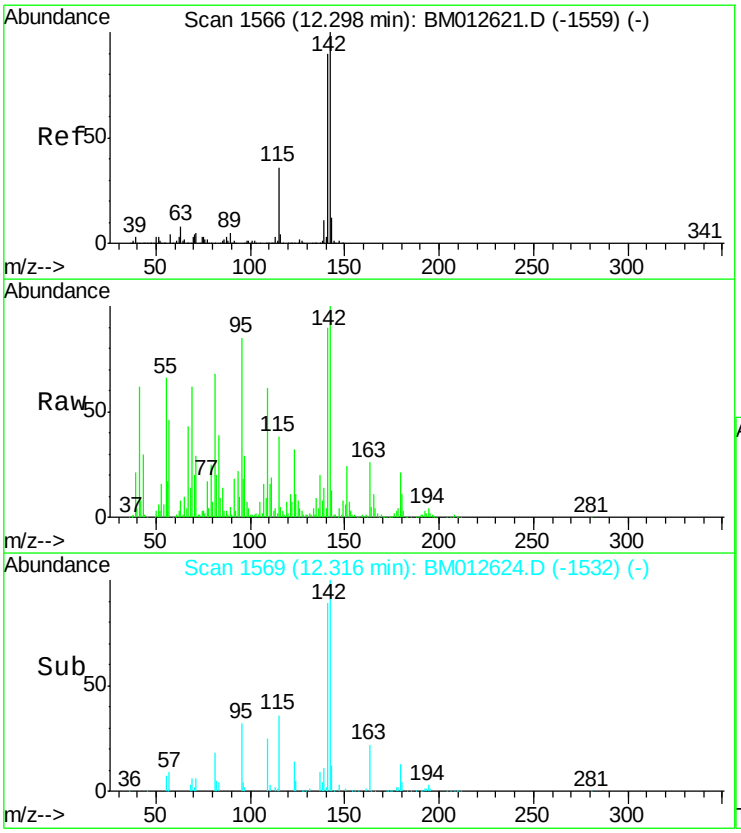
#33
4-Chloro-3-methylphenol
Concen: 4.22 ng/ul
RT: 11.95 min Scan# 1506
Delta R.T. 0.02 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 146356

Ion	Ratio	Lower	Upper
107	100		
144	0.5	20.4	30.6#
142	0.7	60.5	90.7#

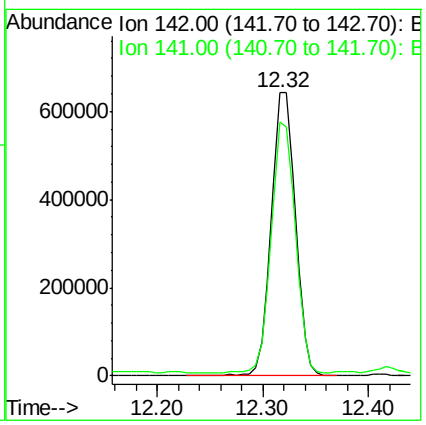


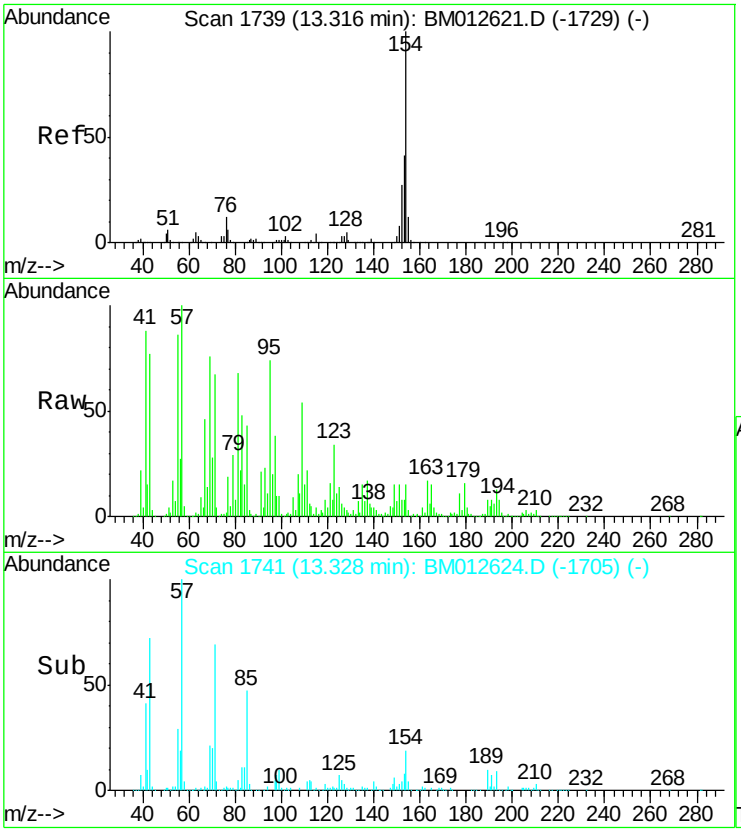


#34
2-Methylnaphthalene
Concen: 13.51 ng/ul
RT: 12.32 min Scan# 1569
Delta R.T. 0.02 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:142 Resp: 1006406

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.1	111.1



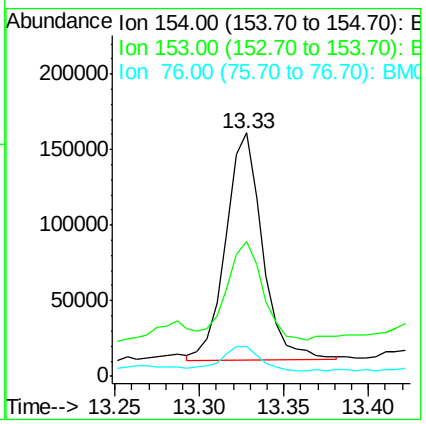


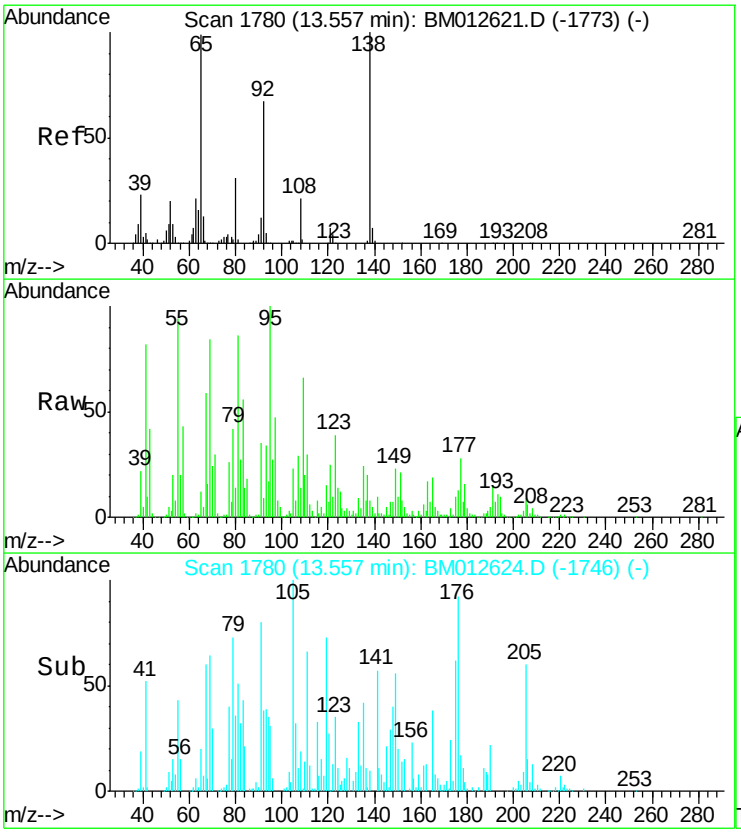
#40
1,1'-Biphenyl
Concen: 2.19 ng/ul
RT: 13.33 min Scan# 1741
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 226076

Ion	Ratio	Lower	Upper
154	100		
153	55.5	32.6	48.8#
76	12.3	8.5	12.7

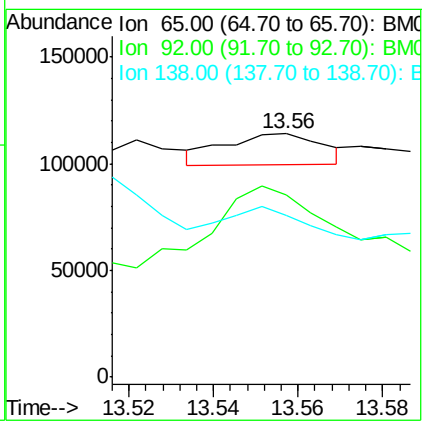


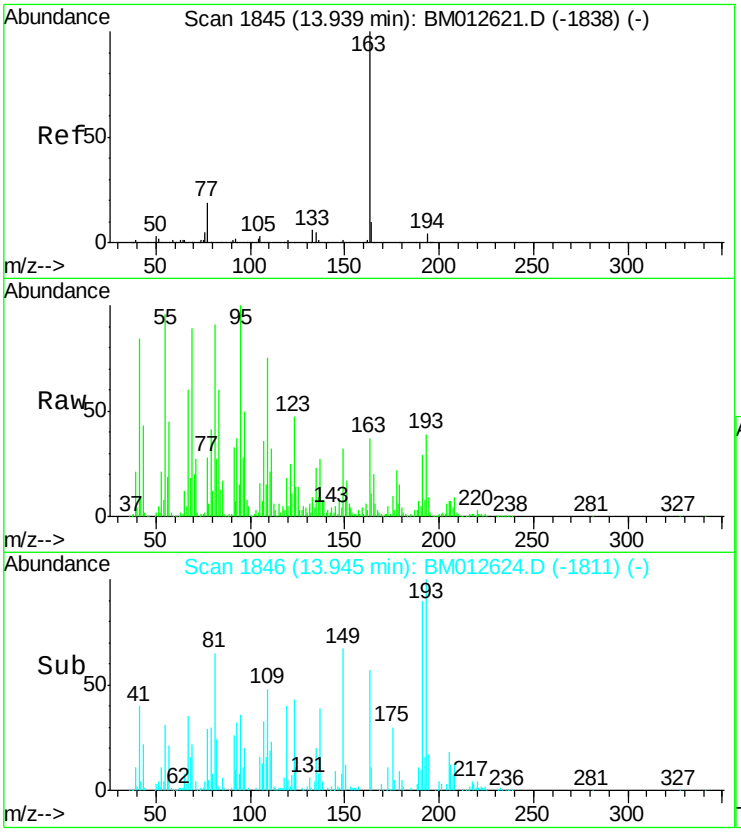


#42
2-Nitroaniline
Concen: 1.23 ng/ul
RT: 13.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion: 65 Resp: 23270

Ion	Ratio	Lower	Upper
65	100		
92	75.0	51.8	77.6
138	66.3	74.2	111.4#



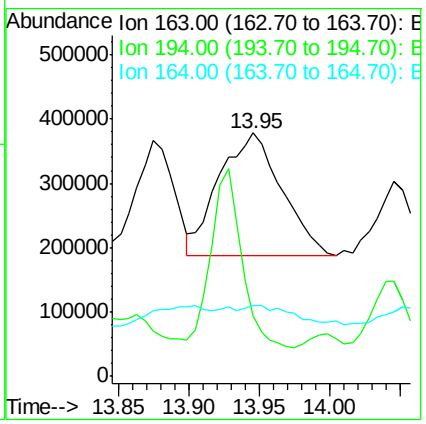


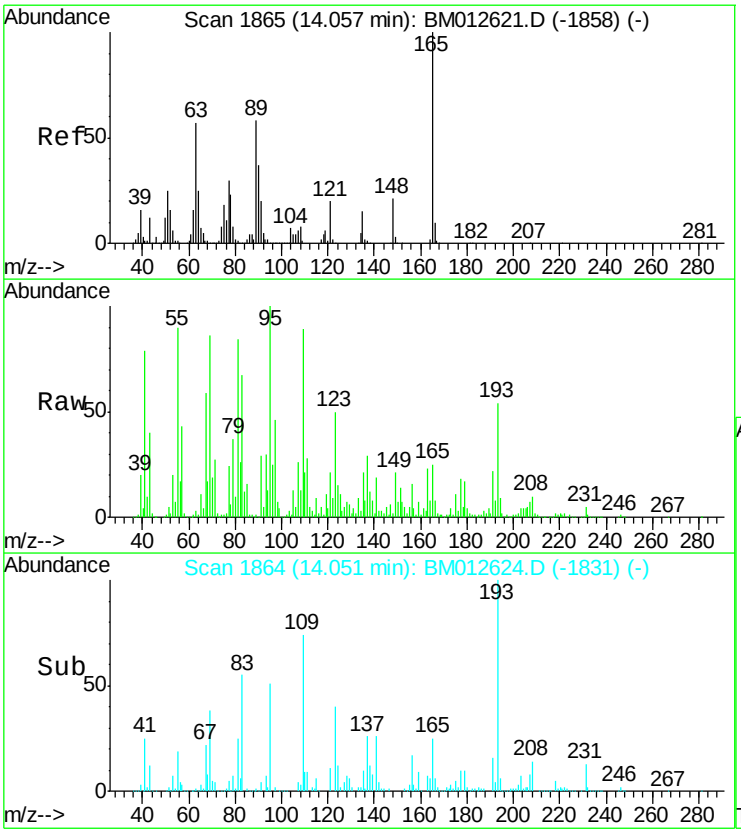
#44
Dimethylphthalate
Concen: 5.21 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 582759

Ion	Ratio	Lower	Upper
163	100		
194	24.9	3.5	5.3#
164	29.3	8.2	12.4#

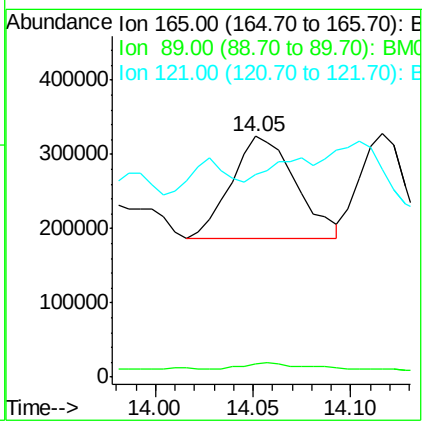


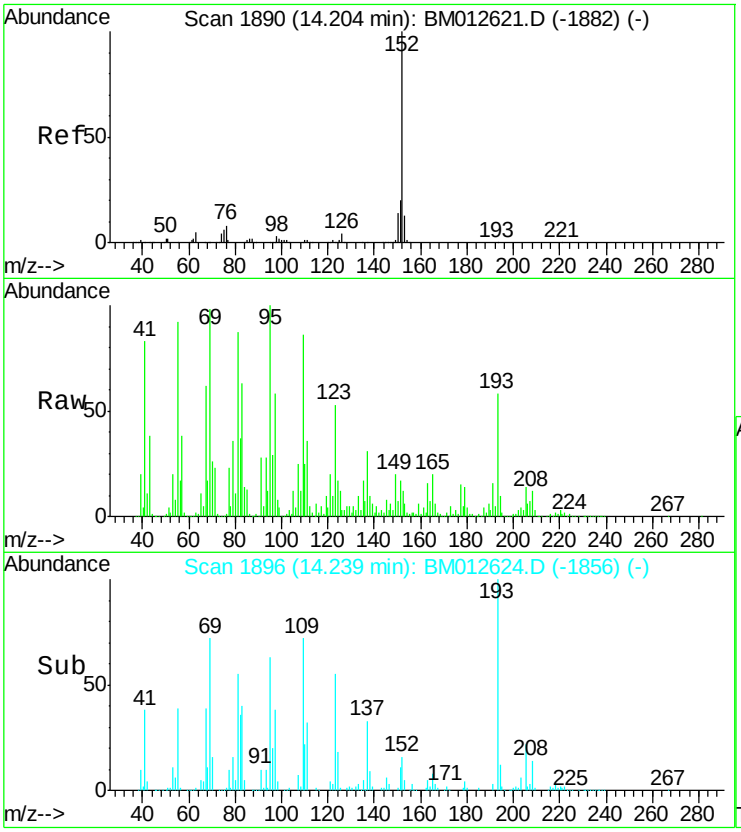


#45
2,6-Dinitrotoluene
Concen: 17.70 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:165 Resp: 314795

Ion	Ratio	Lower	Upper
165	100		
89	5.4	52.6	79.0#
121	83.9	14.6	22.0#



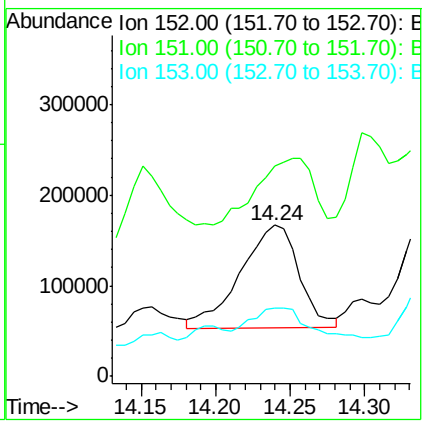


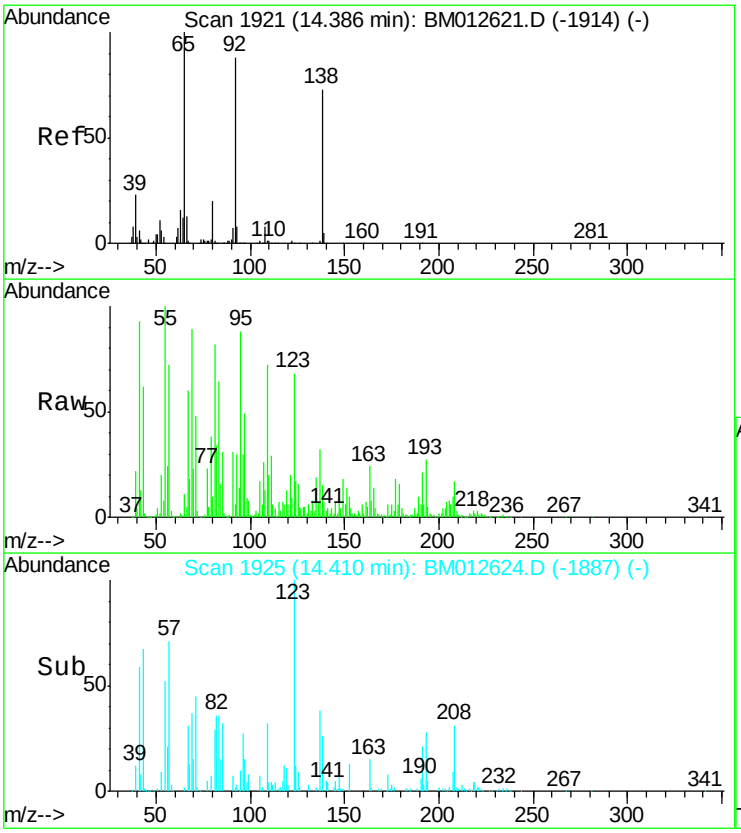
#47
Acenaphthylene
Concen: 2.42 ng/ul
RT: 14.24 min Scan# 1896
Delta R.T. 0.04 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 309557

Ion	Ratio	Lower	Upper
152	100		
151	139.6	16.3	24.5#
153	45.2	10.2	15.4#

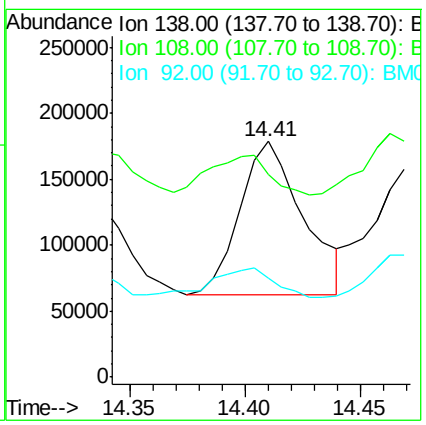


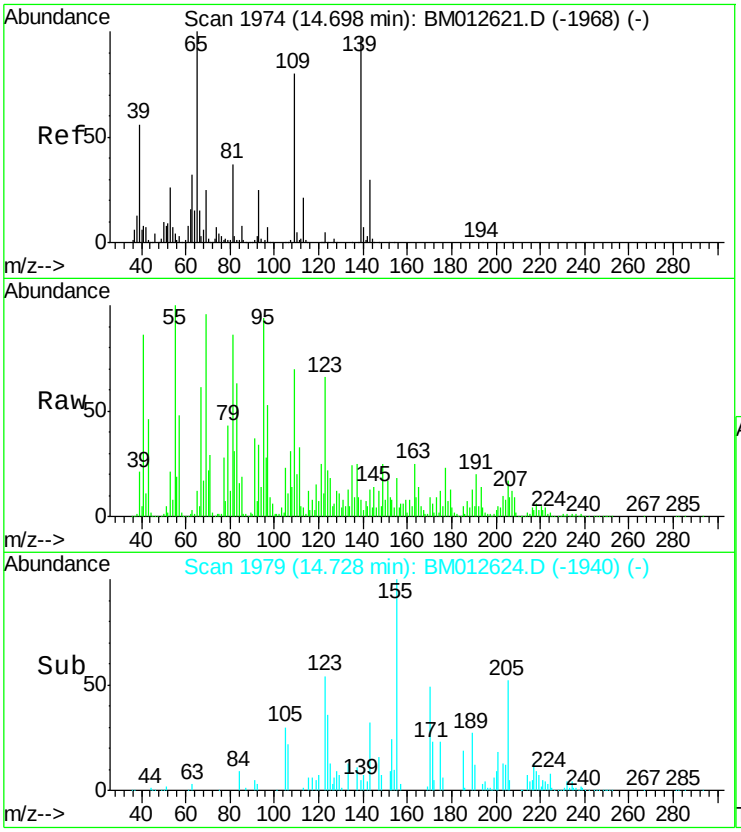


#48
3-Nitroaniline
Concen: 13.20 ng/ul
RT: 14.41 min Scan# 1925
Delta R.T. 0.02 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:138 Resp: 219956

Ion	Ratio	Lower	Upper
138	100		
108	85.9	9.9	14.9#
92	42.2	105.0	157.4#



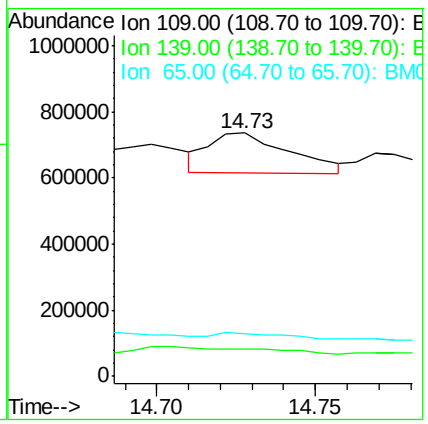


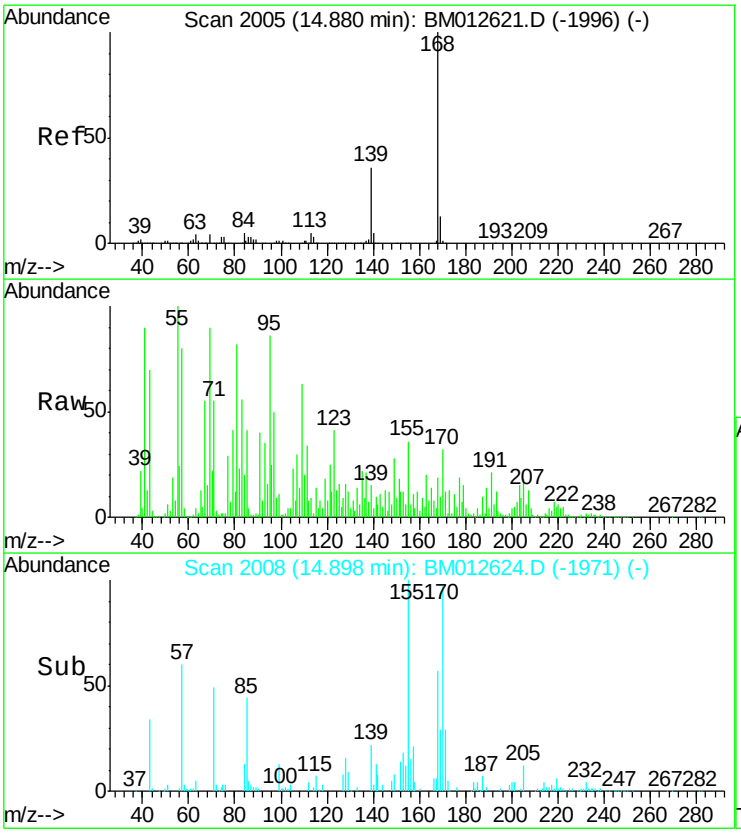
#52
4-Nitrophenol
Concen: 12.37 ng/ul
RT: 14.73 min Scan# 1979
Delta R.T. 0.03 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 211166

Ion	Ratio	Lower	Upper
109	100		
139	11.1	80.0	120.0#
65	17.5	120.0	180.0#

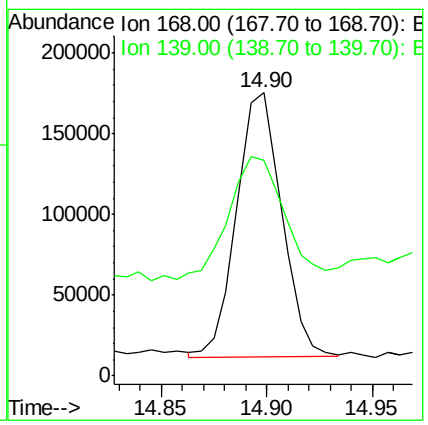


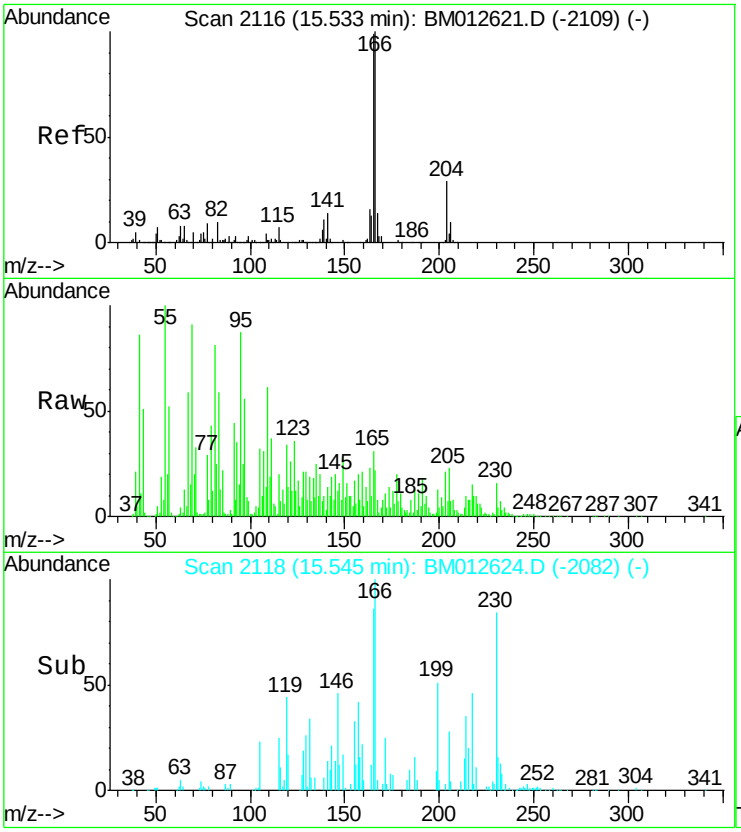


#53
Dibenzofuran
Concen: 1.88 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:168 Resp: 242903

Ion	Ratio	Lower	Upper
168	100		
139	75.9	30.8	46.2#



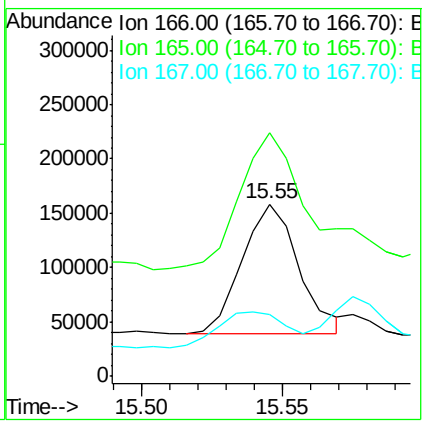


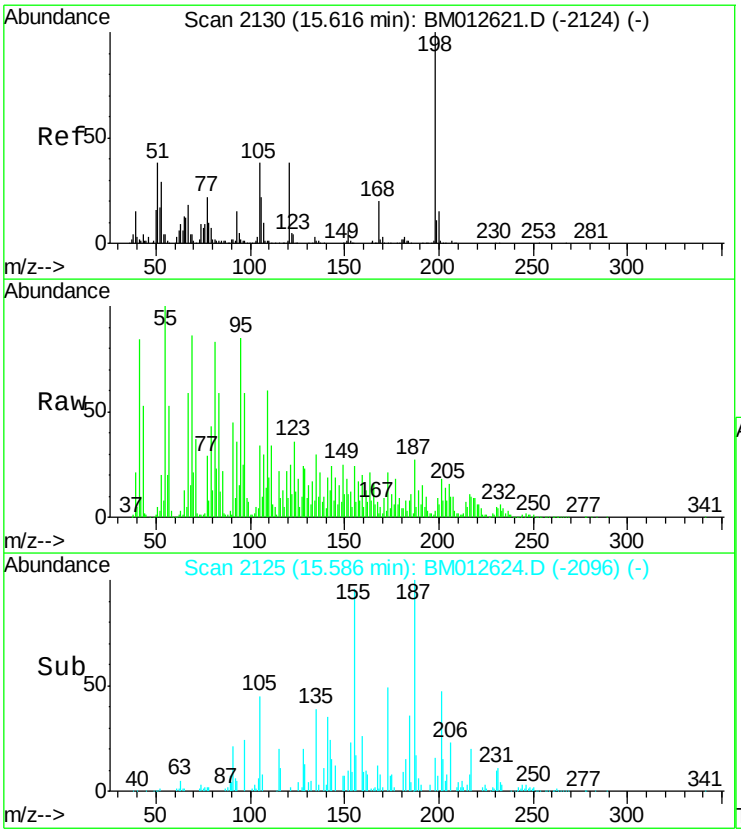
#58
Fluorene
Concen: 1.51 ng/ul
RT: 15.55 min Scan# 2118
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 165496

Ion	Ratio	Lower	Upper
166	100		
165	141.5	77.9	116.9#
167	35.6	10.6	16.0#

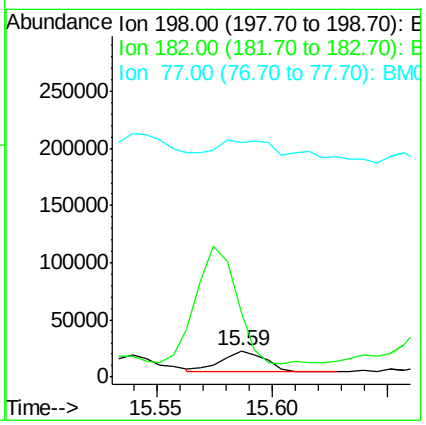


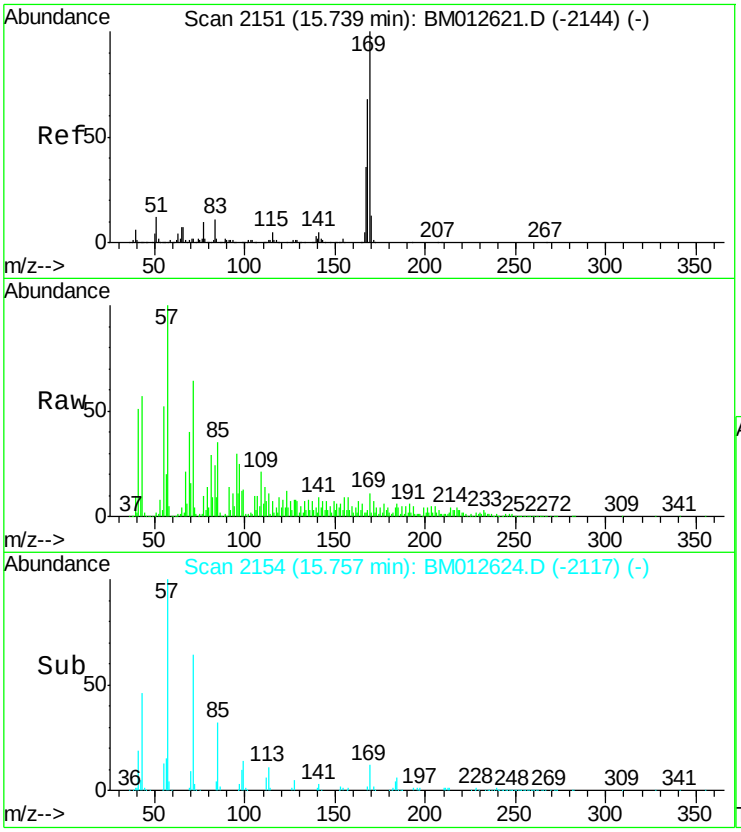


#63
4,6-Dinitro-2-methylphenol
Concen: 1.86 ng/ul
RT: 15.59 min Scan# 2125
Delta R.T. -0.03 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:198 Resp: 24869

Ion	Ratio	Lower	Upper
198	100		
182	244.8	3.8	5.6#
77	896.6	25.2	37.8#



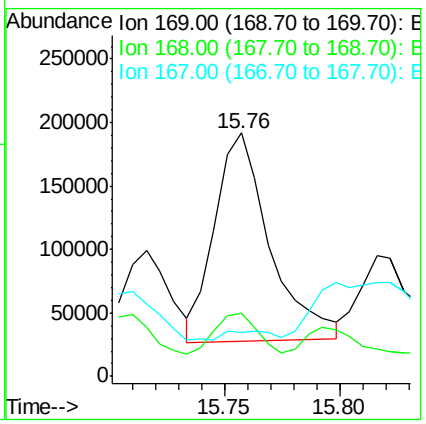


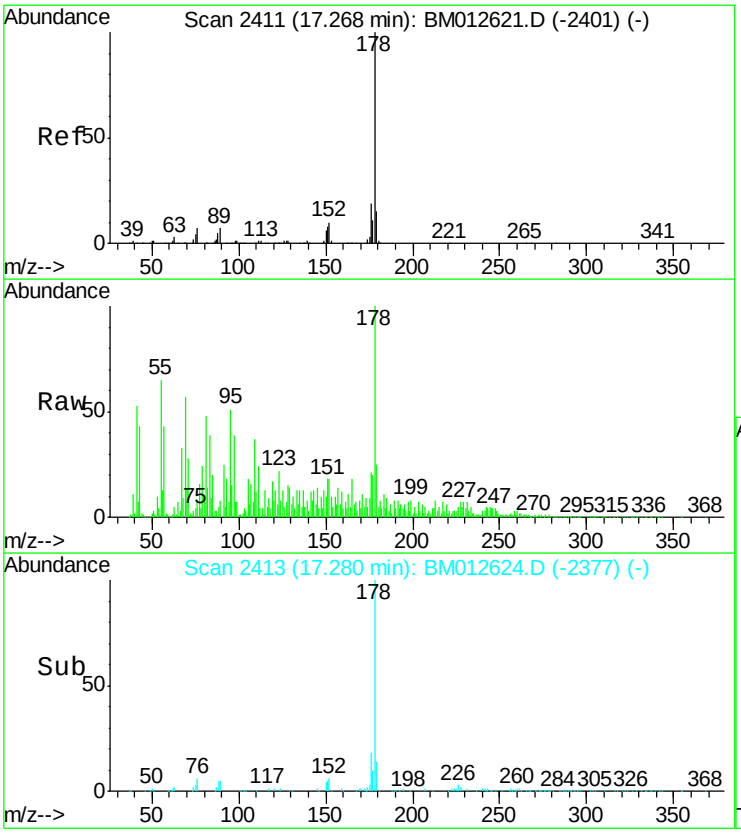
#64
N-Nitrosodiphenylamine
Concen: 3.73 ng/ul
RT: 15.76 min Scan# 2154
Delta R.T. 0.02 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 272030

Ion	Ratio	Lower	Upper
169	100		
168	26.1	54.0	81.0#
167	18.3	29.1	43.7#

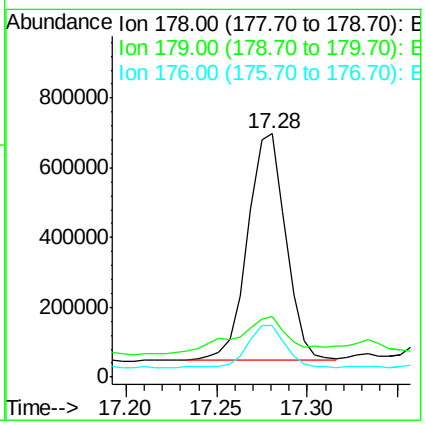


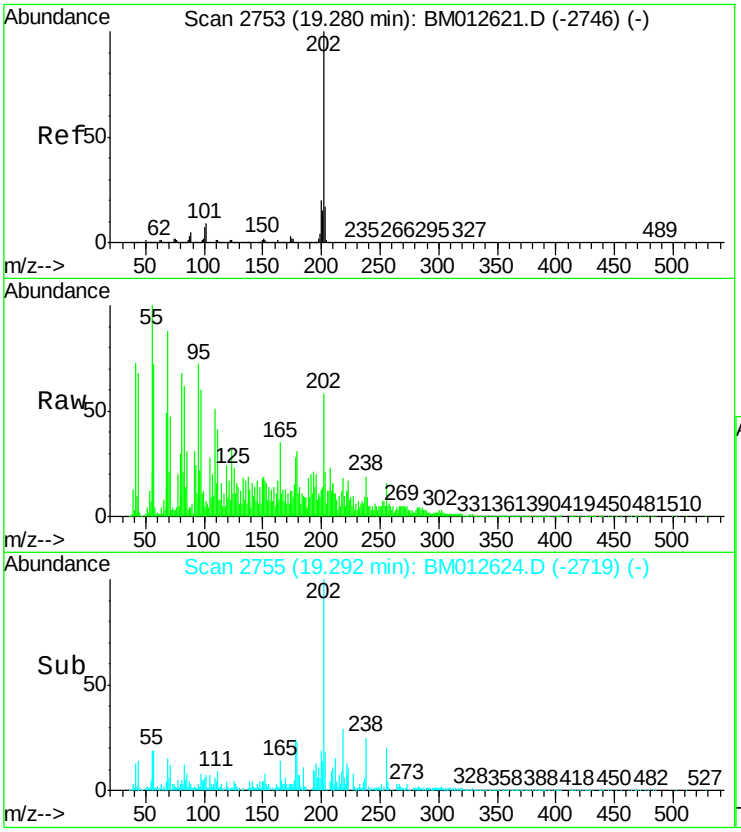


#69
Phenanthrene
Concen: 6.97 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:178 Resp: 946585

Ion	Ratio	Lower	Upper
178	100		
179	24.7	12.6	19.0#
176	21.1	14.9	22.3



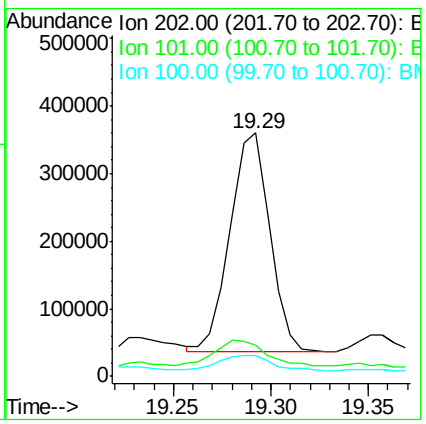


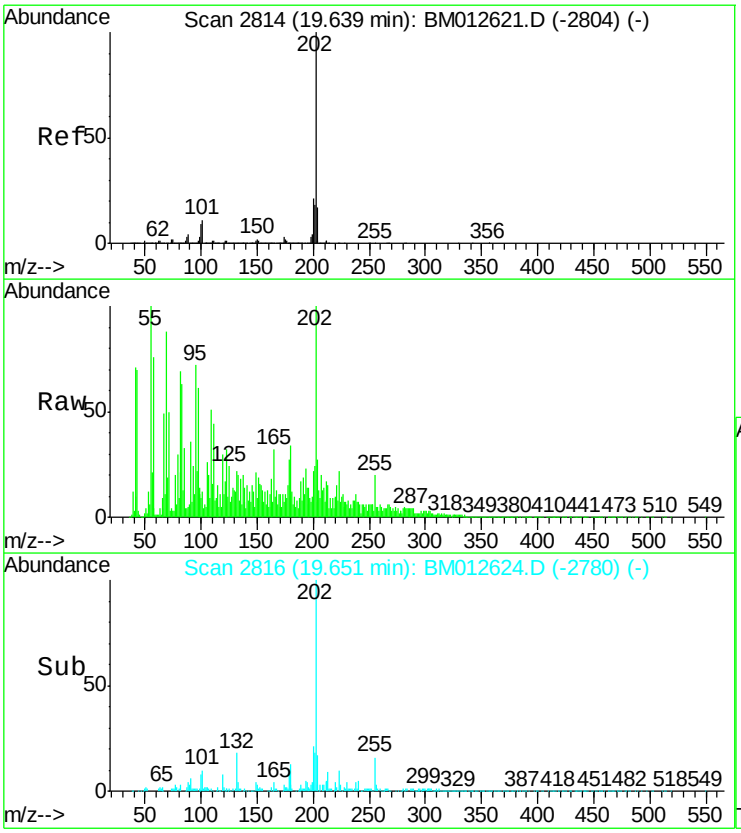
#74
Fluoranthene
Concen: 2.97 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 456657

Ion	Ratio	Lower	Upper
202	100		
101	12.8	4.6	7.0#
100	8.4	3.4	5.2#

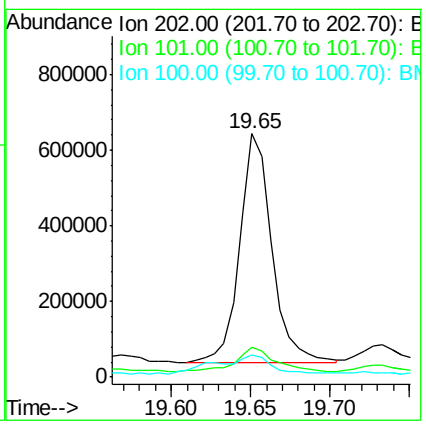


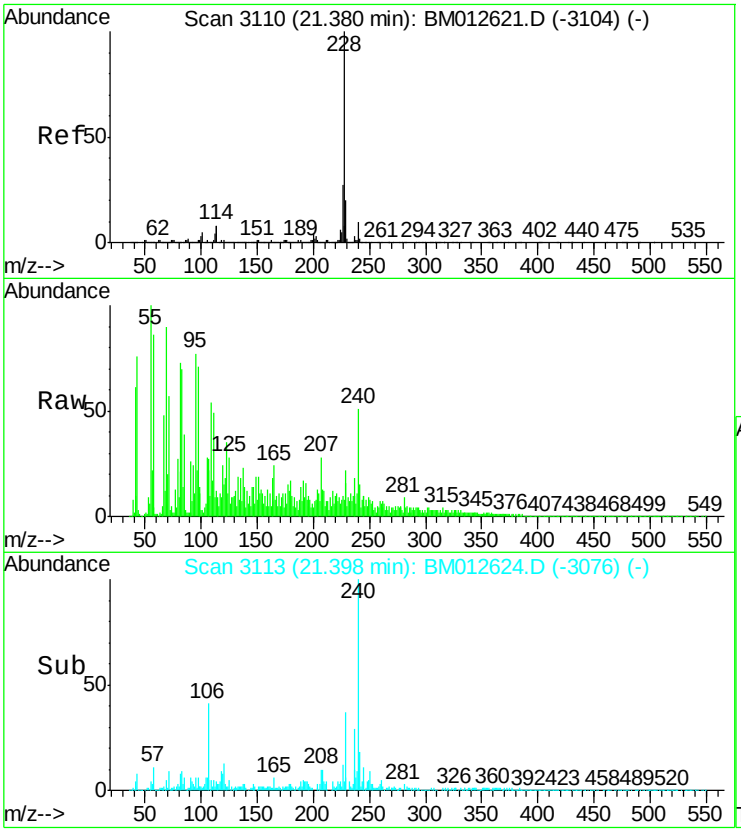


#77
Pyrene
Concen: 6.78 ng/ul
RT: 19.65 min Scan# 2816
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:202 Resp: 858867

Ion	Ratio	Lower	Upper
202	100		
101	12.2	5.1	7.7#
100	8.9	4.9	7.3#



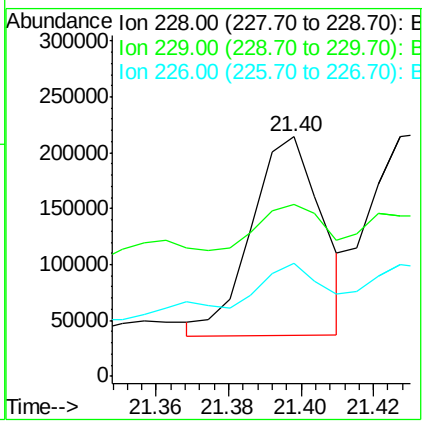


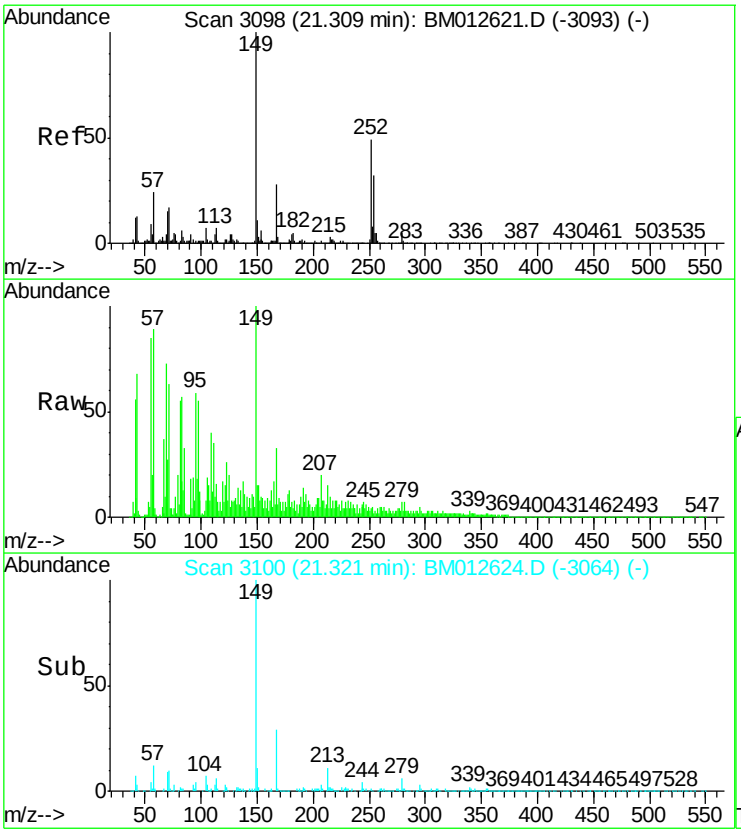
#80
Benzo(a)anthracene
Concen: 1.81 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.02 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 240808

Ion	Ratio	Lower	Upper
228	100		
229	71.8	15.4	23.0#
226	47.1	21.4	32.0#

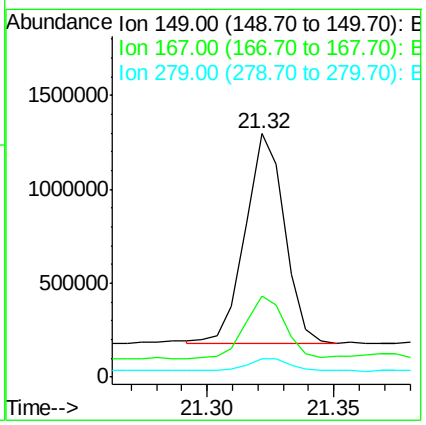


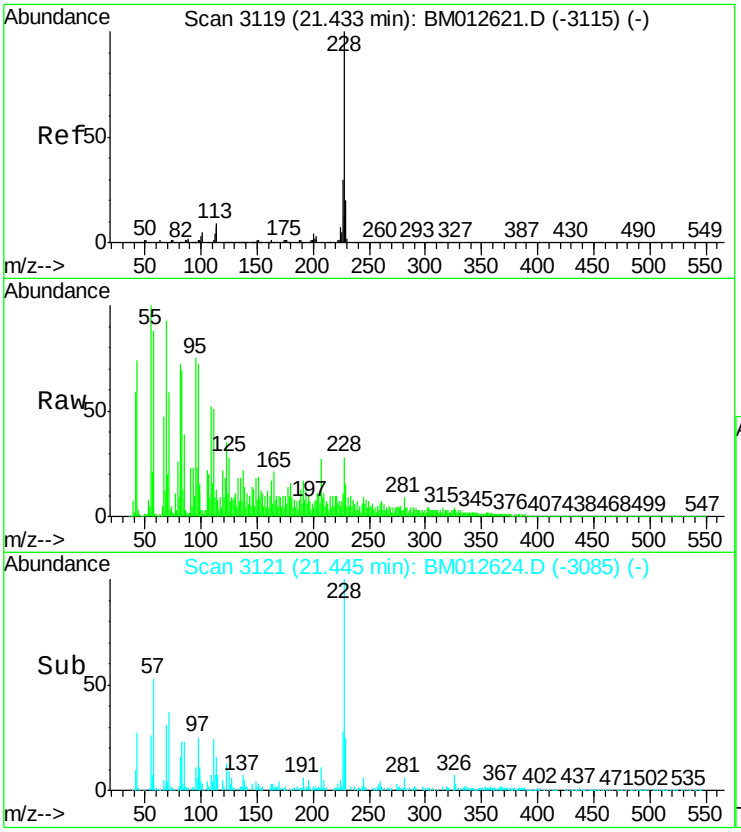


#81
Bis(2-ethylhexyl)phthalate
Concen: 15.89 ng/ul
RT: 21.32 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:149 Resp: 1206176

Ion	Ratio	Lower	Upper
149	100		
167	33.1	22.8	34.2
279	7.4	4.9	7.3#



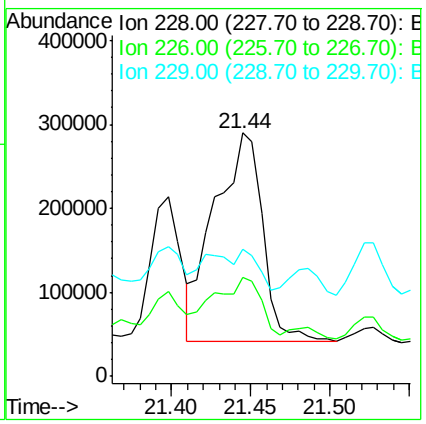


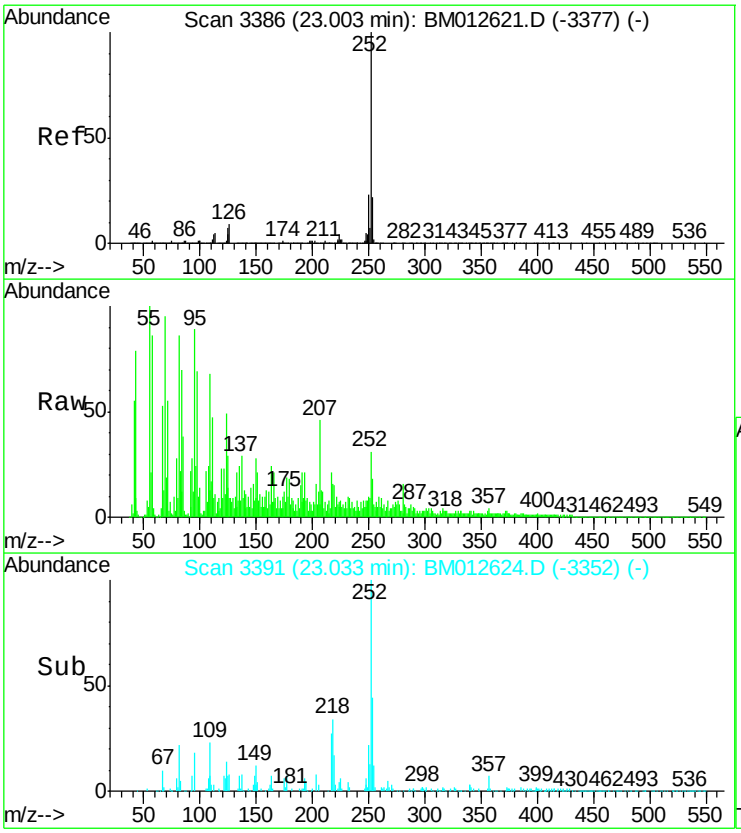
#82
Chrysene
Concen: 4.41 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 522899

Ion	Ratio	Lower	Upper
228	100		
226	40.5	23.4	35.2#
229	52.0	15.5	23.3#

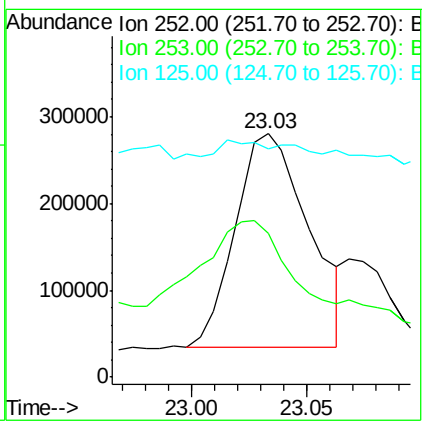


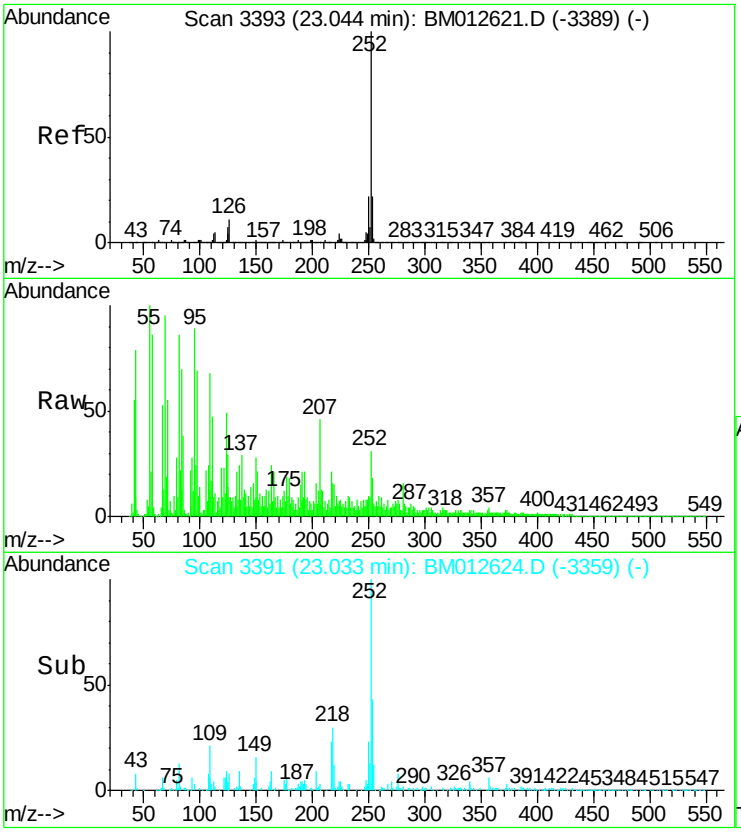


#85
Benzo(b)fluoranthene
Concen: 3.75 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.03 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:252 Resp: 543099

Ion	Ratio	Lower	Upper
252	100		
253	58.9	17.9	26.9#
125	93.9	3.6	5.4#



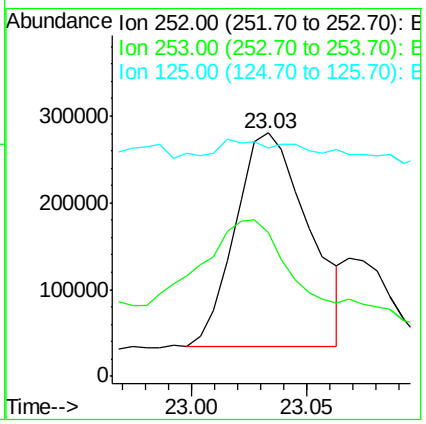


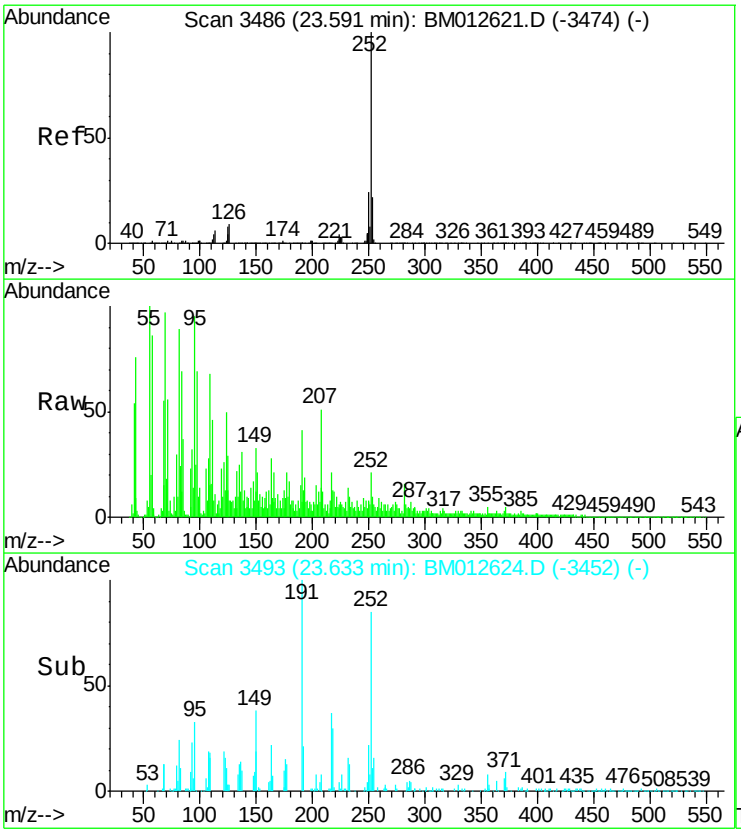
#86
Benzo(k)fluoranthene
Concen: 3.98 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 543099

Ion	Ratio	Lower	Upper
252	100		
253	58.9	17.1	25.7#
125	93.9	3.4	5.2#

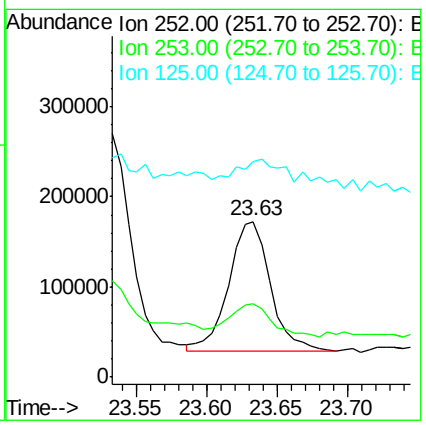


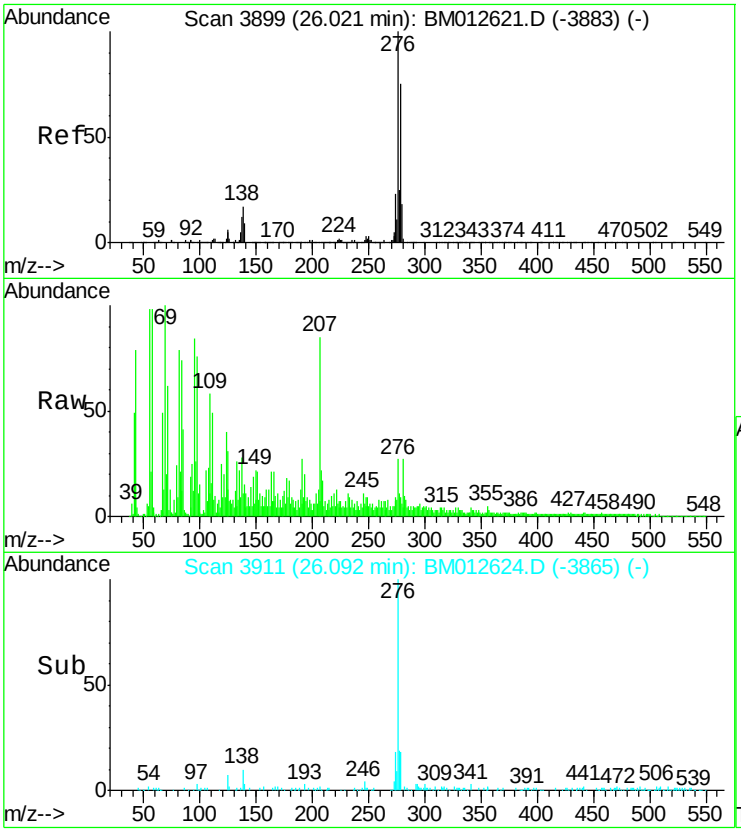


#88
Benzo(a)pyrene
Concen: 2.15 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.04 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:252 Resp: 296428

Ion	Ratio	Lower	Upper
252	100		
253	47.2	18.2	27.2#
125	138.5	4.0	6.0#



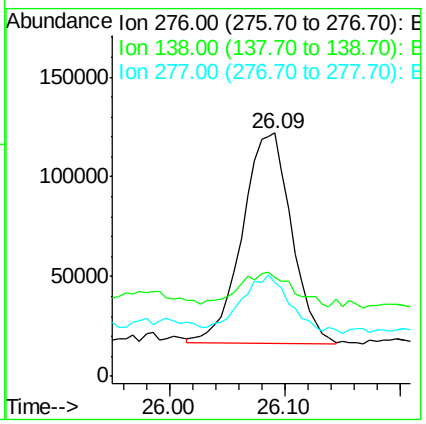


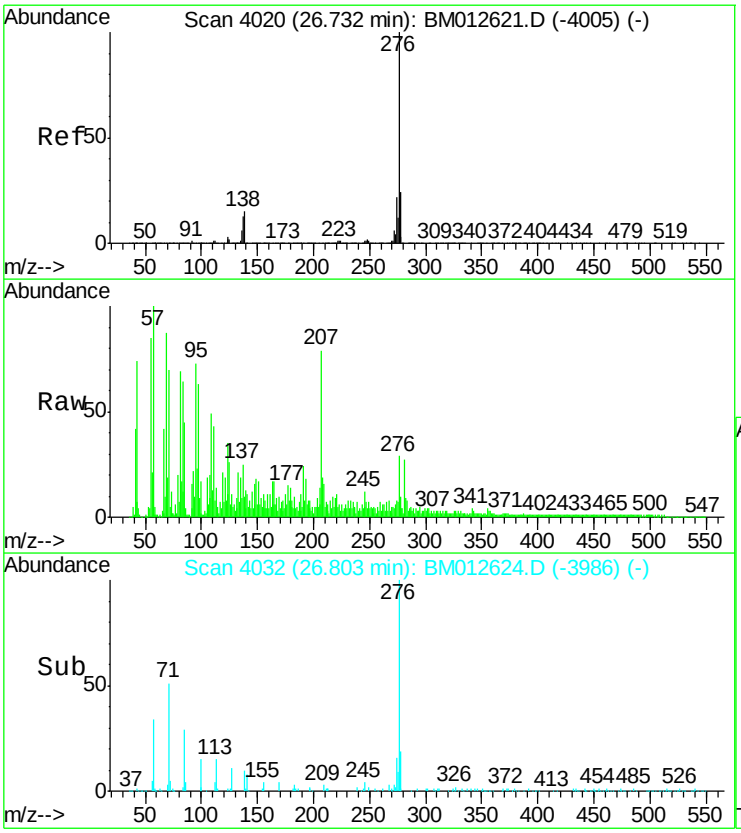
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.92 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.07 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 312983

Ion	Ratio	Lower	Upper
276	100		
138	40.8	9.3	13.9#
277	38.6	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 2.84 ng/ul
RT: 26.80 min Scan# 4032
Delta R.T. 0.07 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion:276 Resp: 374834

Ion	Ratio	Lower	Upper
276	100		
138	35.0	8.5	12.7#
277	35.0	18.6	28.0#