Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105174.D
Acq On : 9 May 2018 5:10
Operator : JU/SJ
Sample : PB108327BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 11:39:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	202700	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	825947	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	398053	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	804086	20.00	ng	0.00
75) Chrysene-d12	13.99	240	706044	20.00	ng	-0.02
86) Perylene-d12	15.52	264	619120	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1538957	125.08	ng	0.01
7) Phenol-d6	6.42	99	1849124	126.22	ng	0.00
23) Nitrobenzene-d5	7.36	82	1181702	96.97	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	573908	130.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2158381	84.16	ng	0.00
78) Terphenyl-d14	12.91	244	2416770	79.51	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.56	93	2141	0.100	ng	# 1
8) 2-Chlorophenol	6.57	128	557	0.043	ng	# 34
9) Benzaldehyde	6.42	77	2868	0.255	ng	# 1
10) Phenol	6.43	94	260	0.016	ng	# 1
11) bis(2-Chloroethyl)ether	6.56	93	2141	0.159	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	280	0.018	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	280	0.018	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	280	0.019	ng	# 1
15) Benzyl Alcohol	6.95	79	19798	1.766	ng	# 36
17) 2-Methylphenol	6.95	107	115	0.010	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	161306	16.630	ng	# 82
20) 3+4-Methylphenols	6.95	107	115	0.009	ng	# 1
22) Acetophenone	6.95	105	112	0.006	ng	# 1
24) Nitrobenzene	7.35	77	3150	0.228	ng	# 34
25) Isophorone	7.36	82	1181515	43.351	ng	# 64
31) Naphthalene	8.09	128	140	0.004	ng	# 68
45) 1,1'-Biphenyl	9.25	154	6900	0.213	ng	93
47) 2-Nitroaniline	9.15	65	3915	6.292	ng	# 3
50) 2,6-Dinitrotoluene	9.82	165	51978	8.889	ng	# 25
51) Acenaphthene	9.82	154	1635	0.068	ng	# 4
56) 2,4-Dinitrotoluene	9.82	165	51978	9.792	ng	# 23
57) Fluorene	10.62	166	21042	0.813	ng	# 93
62) Azobenzene	10.61	77	2348	0.085	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	1223	9.191	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	14985	0.598	ng	# 50
66) 4-Bromophenyl-phenylether	10.62	248	32892	3.835	ng	# 1
69) Pentachlorophenol	11.07	266	493	3.307	ng	# 1
70) Phenanthrene	11.31	178	312	0.007	ng	# 1
71) Anthracene	11.31	178	312	0.007	ng	# 1
73) Di-n-butylphthalate	11.87	149	199	0.005	ng	# 78
76) Benzidine	12.64	184	978	0.037	ng	# 66
77) Pyrene	12.91	202	8131	0.158	ng	# 71
80) Benzo(a)anthracene	13.99	228	1839	0.043	ng	# 57
82) Chrysene	13.99	228	1839	0.042	ng	# 55

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105174.D
Acq On : 9 May 2018 5:10
Operator : JU/SJ
Sample : PB108327BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 09 11:39:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
89) Benzo(a)pyrene	15.52	252	1990	0.058	ng	#	55

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105174.D
Acq On : 9 May 2018 5:10
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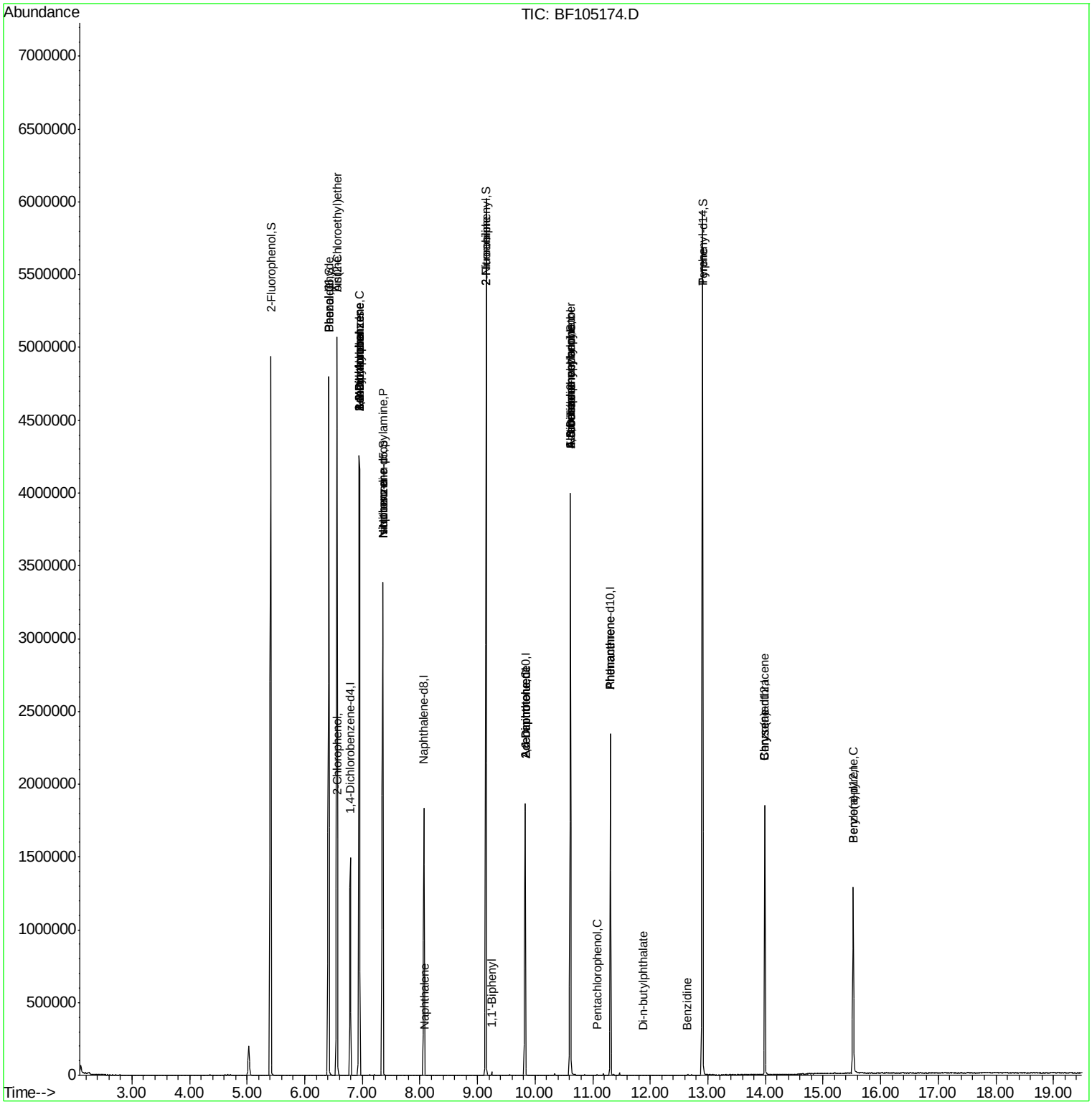
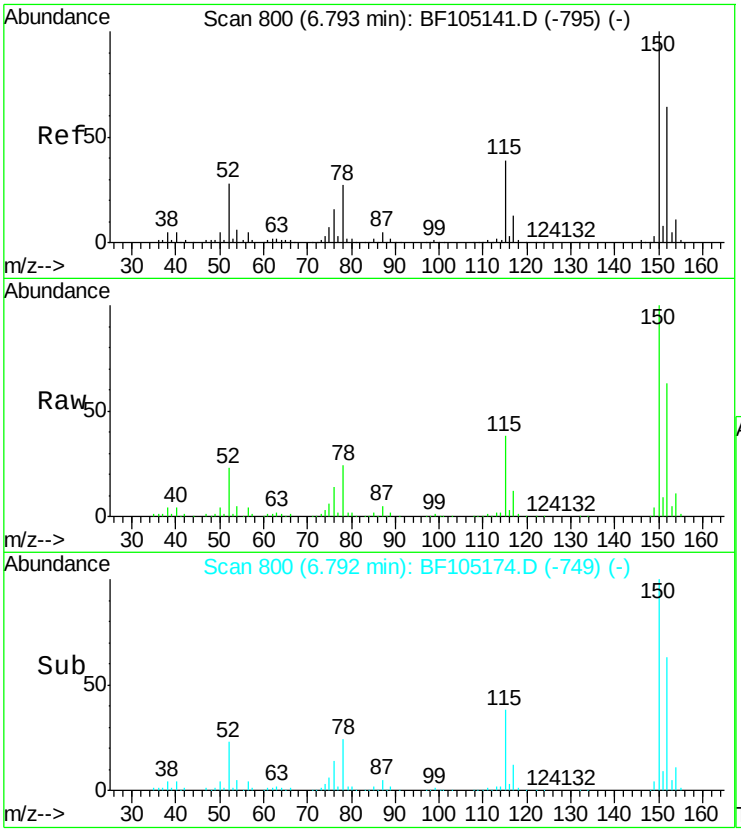


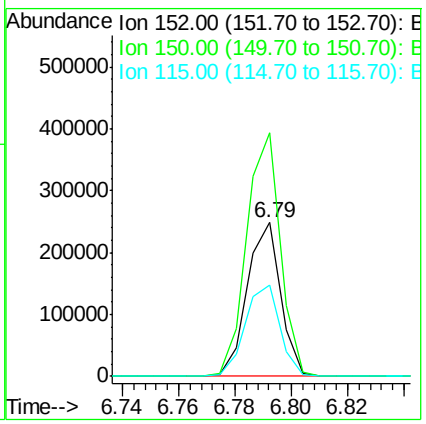


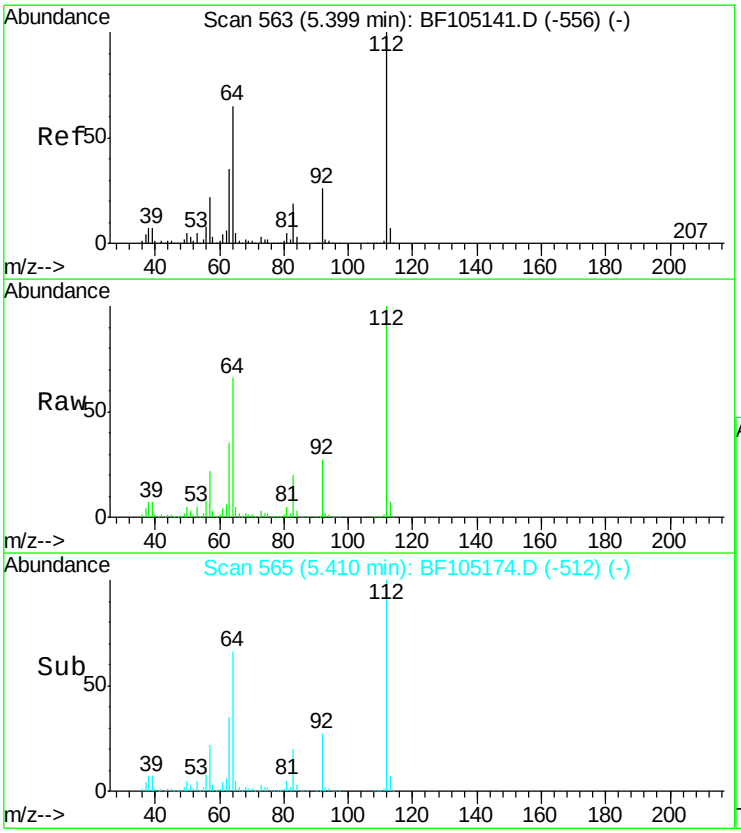
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 202700

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	59.6	50.1	75.1

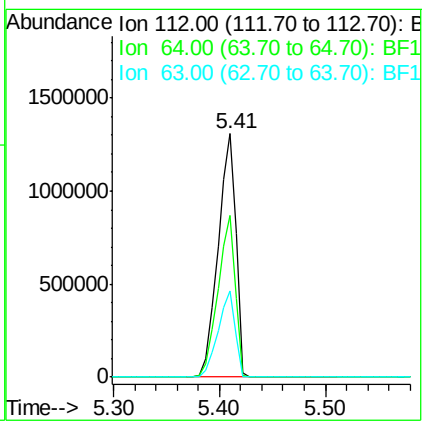


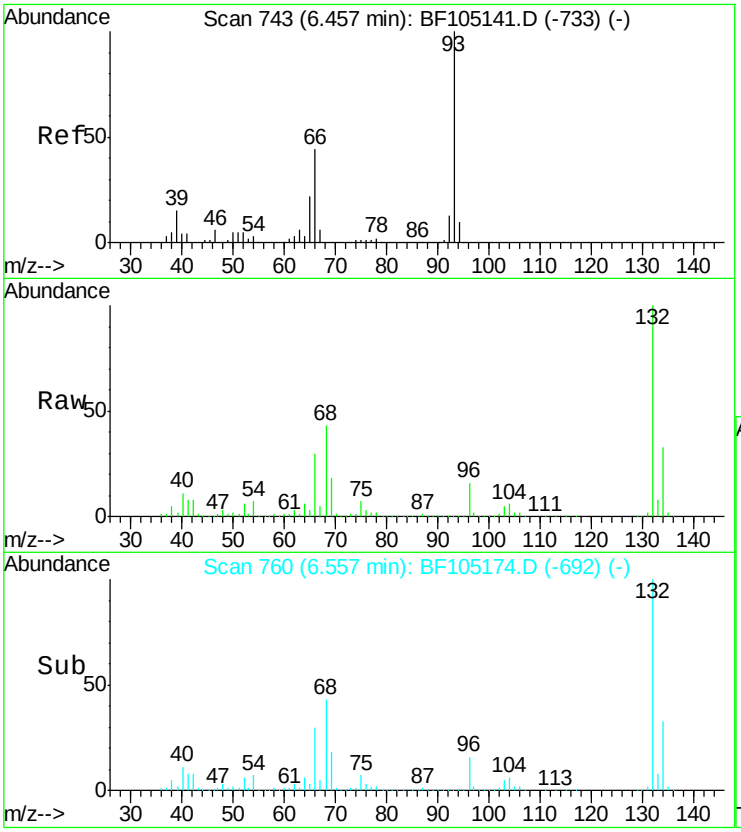


#5
2-Fluorophenol
Concen: 125.078 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:112 Resp: 1538957

Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	35.2	23.7	35.5



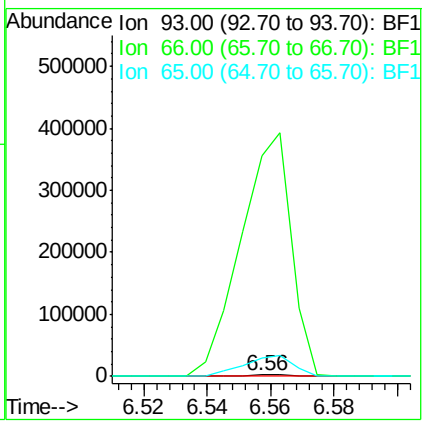


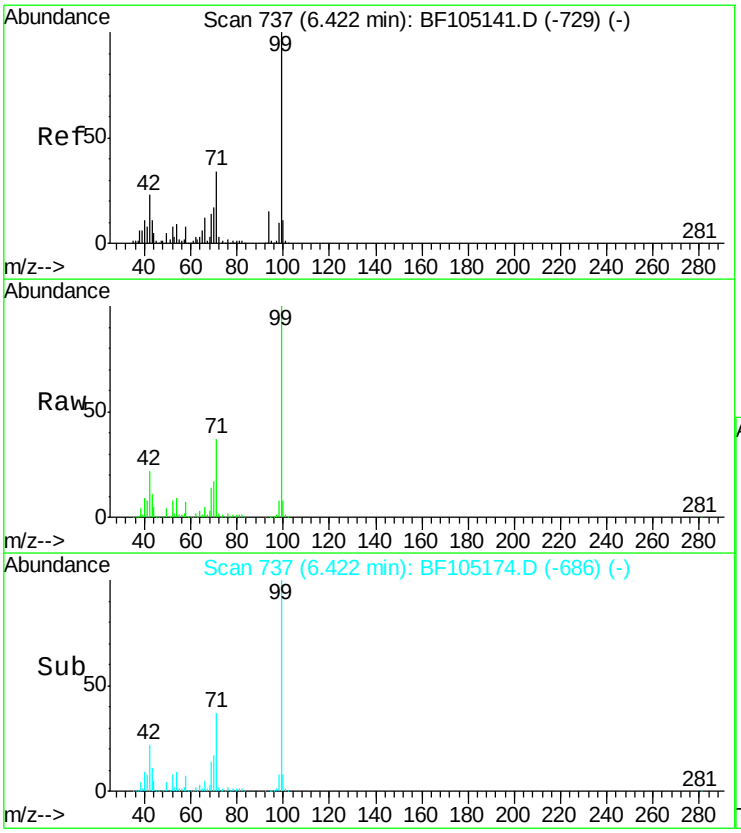
#6
Aniline
Concen: 0.100 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.10 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 2141

Ion	Ratio	Lower	Upper
93	100		
66	19512.3	32.2	48.2#
65	1653.5	16.4	24.6#

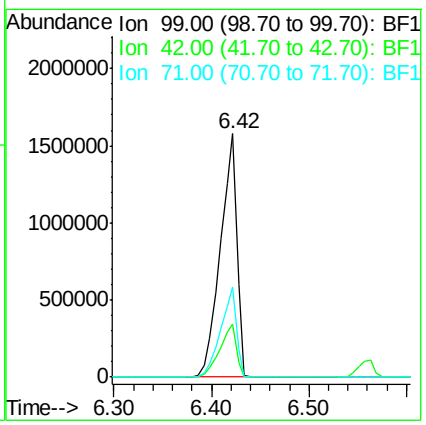


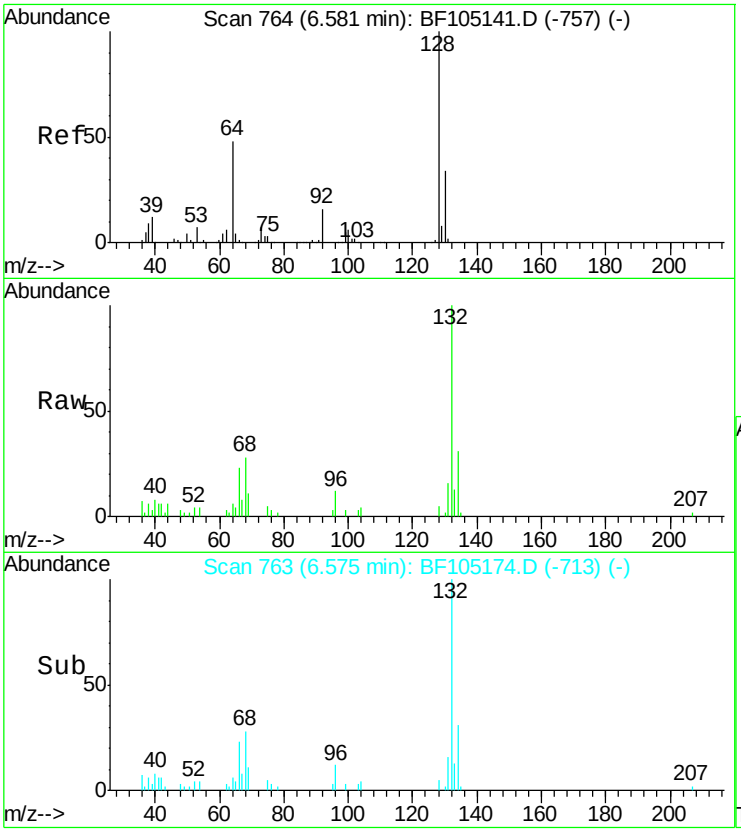


#7
Phenol-d6
Concen: 126.217 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 99 Resp: 1849124

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	36.7	25.4	38.0



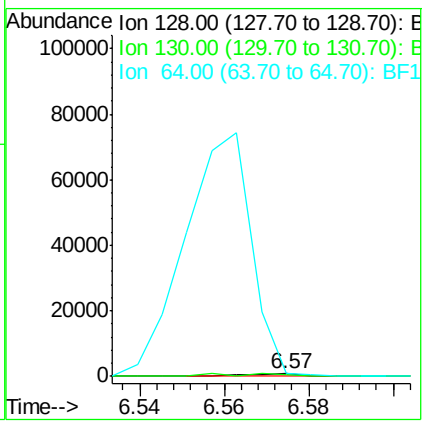


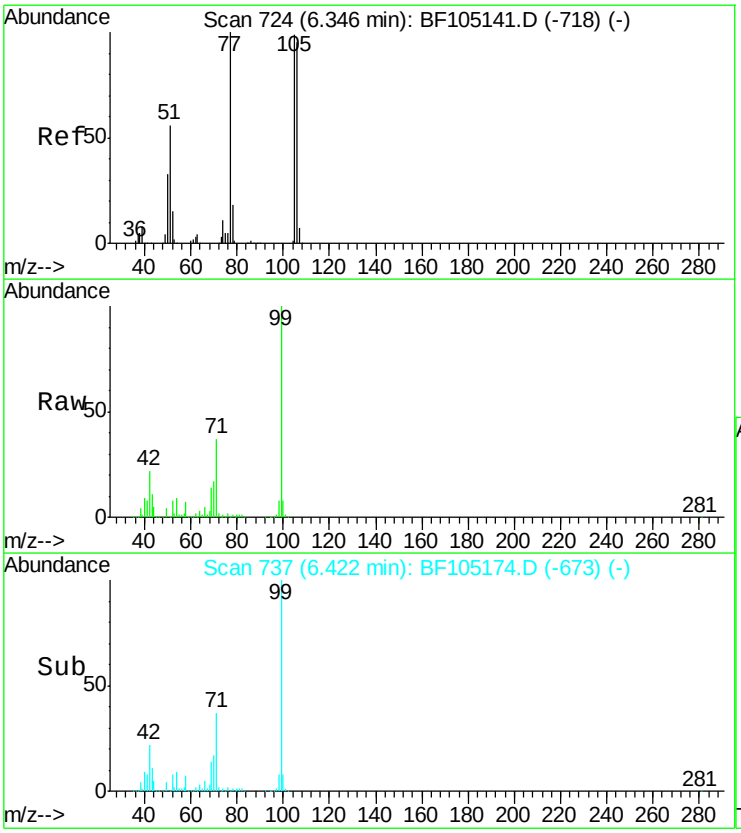
#8
2-Chlorophenol
Concen: 0.043 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 557

Ion	Ratio	Lower	Upper
128	100		
130	44.7	13.0	53.0
64	115.9	29.4	69.4#

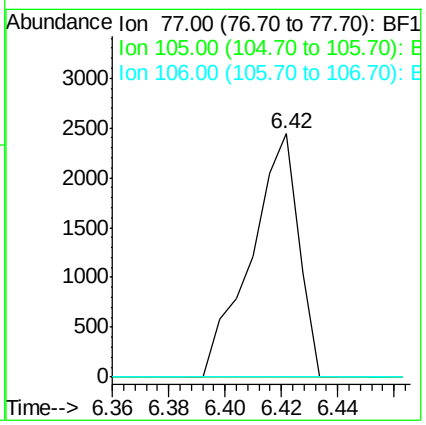


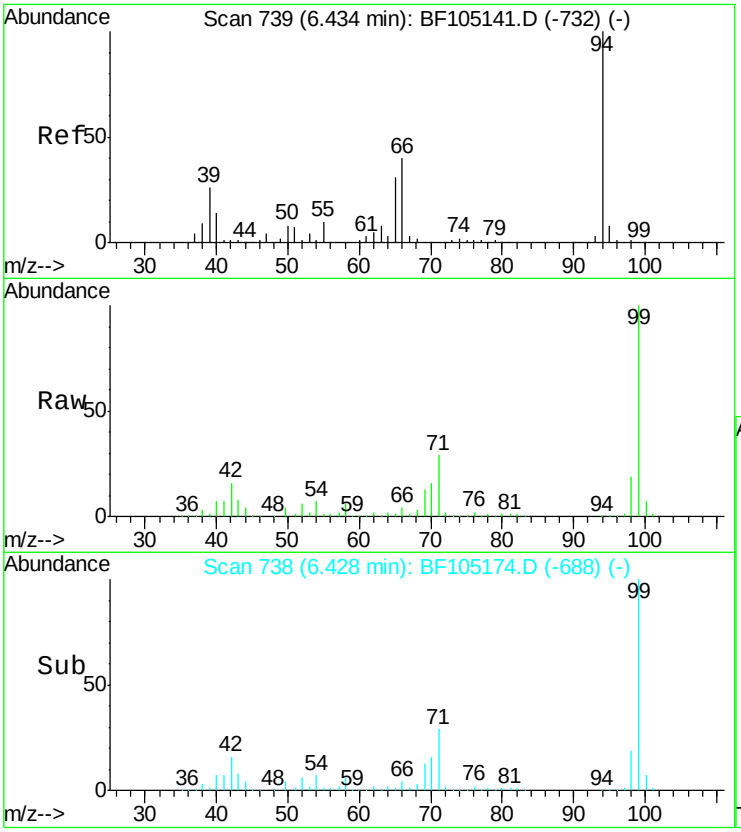


#9
Benzaldehyde
Concen: 0.255 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.08 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 77 Resp: 2868

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.1	121.1#
106	0.0	74.5	114.5#



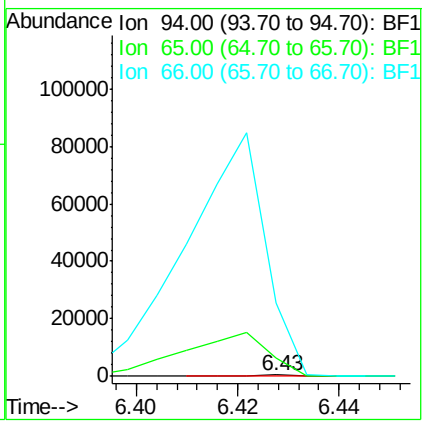


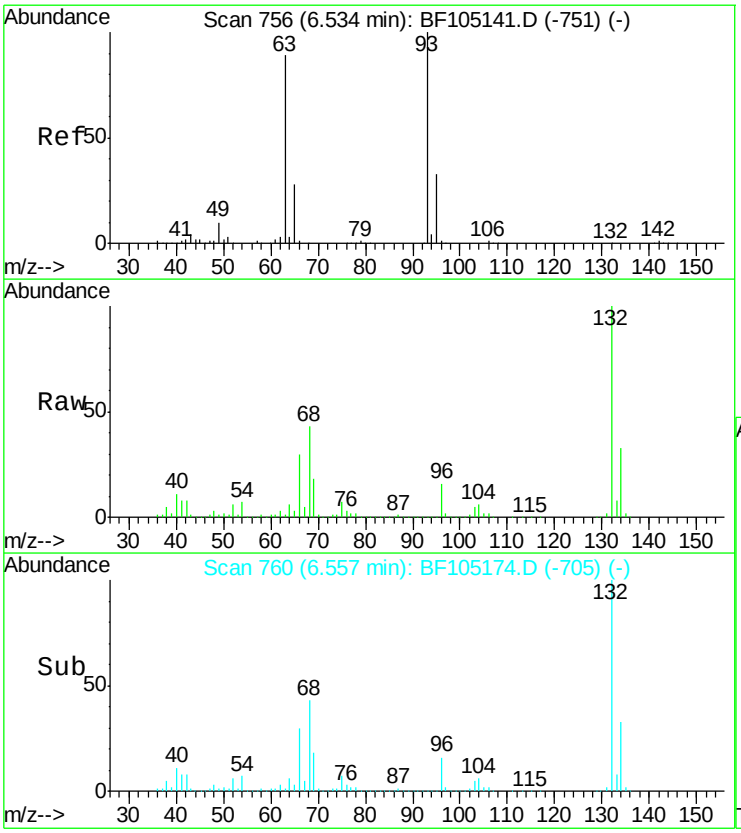
#10
Phenol
Concen: 0.016 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 260

Ion	Ratio	Lower	Upper
94	100		
65	1497.8	7.9	47.9#
66	6195.2	16.2	56.2#

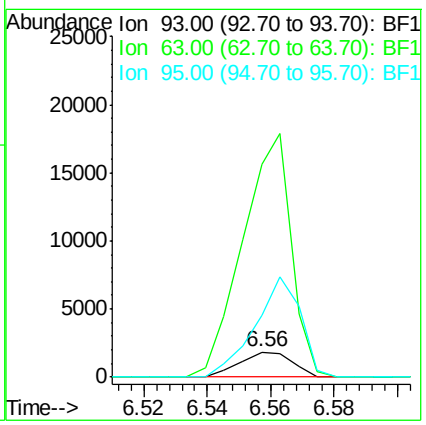


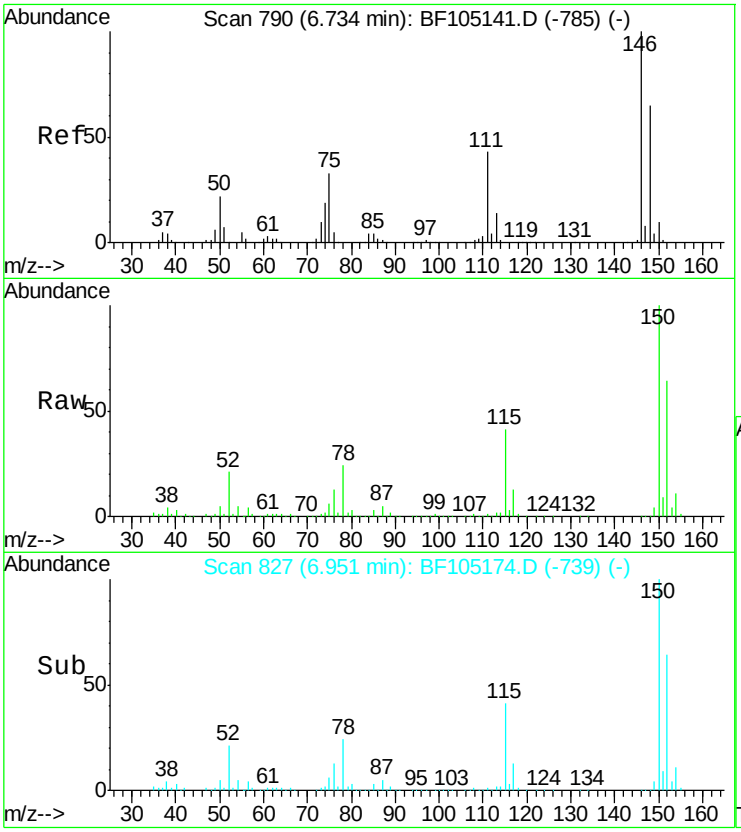


#11
bis(2-Chloroethyl)ether
Concen: 0.159 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 93 Resp: 2141

Ion	Ratio	Lower	Upper
93	100		
63	855.7	58.6	98.6#
95	250.0	11.8	51.8#



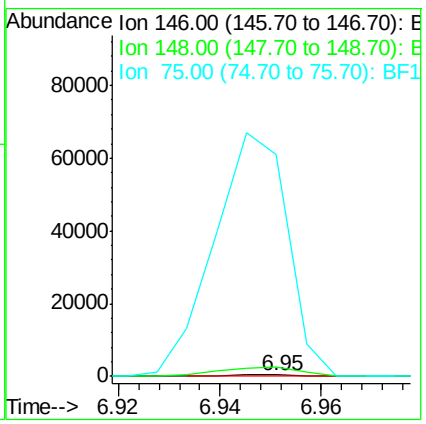


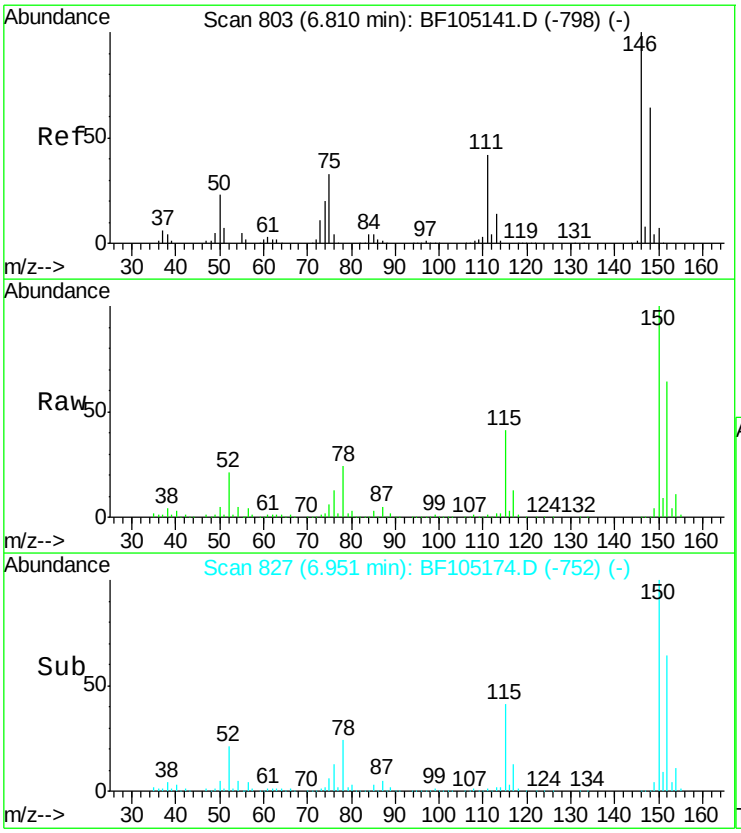
#12
1,3-Dichlorobenzene
Concen: 0.018 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.22 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 280

Ion	Ratio	Lower	Upper
146	100		
148	562.1	51.8	77.8#
75	13793.2	24.2	36.4#

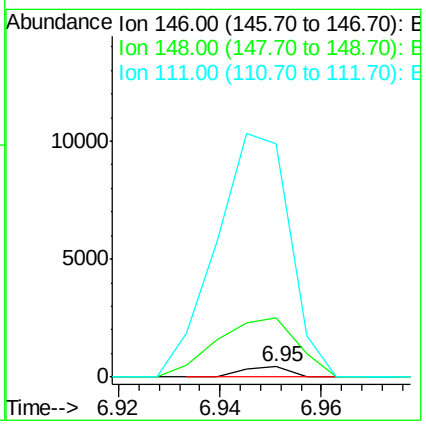


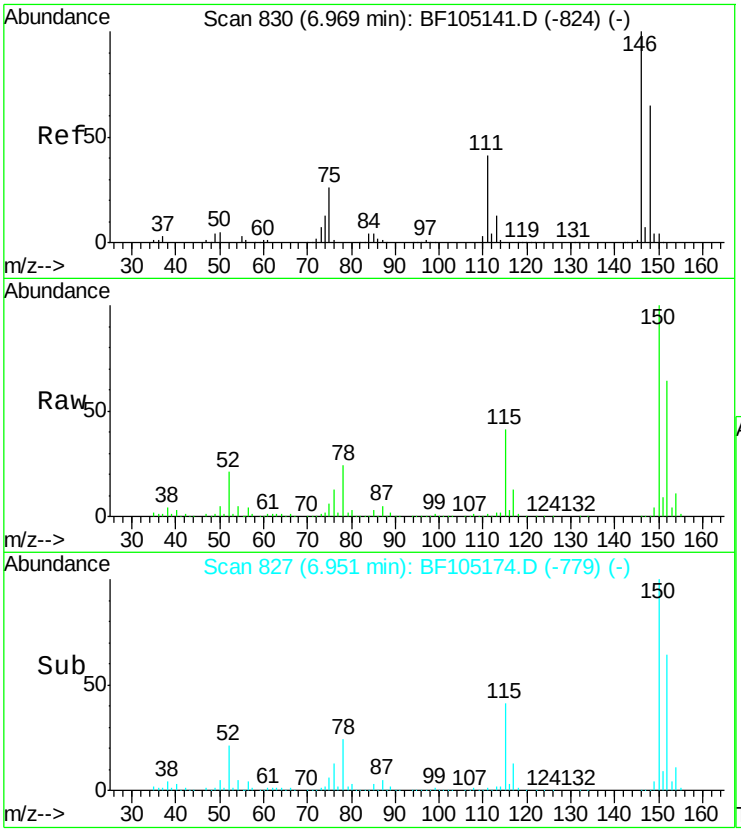


#13
1,4-Dichlorobenzene
Concen: 0.018 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.14 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:146 Resp: 280

Ion	Ratio	Lower	Upper
146	100		
148	562.1	50.8	76.2#
111	2232.7	34.2	51.2#



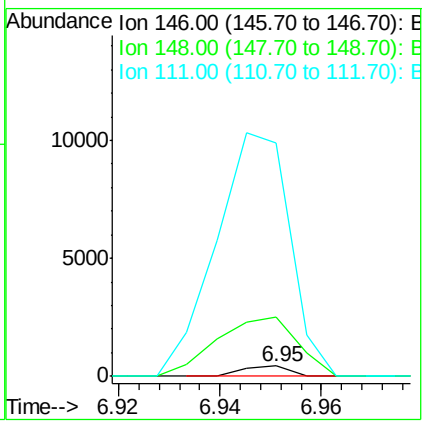


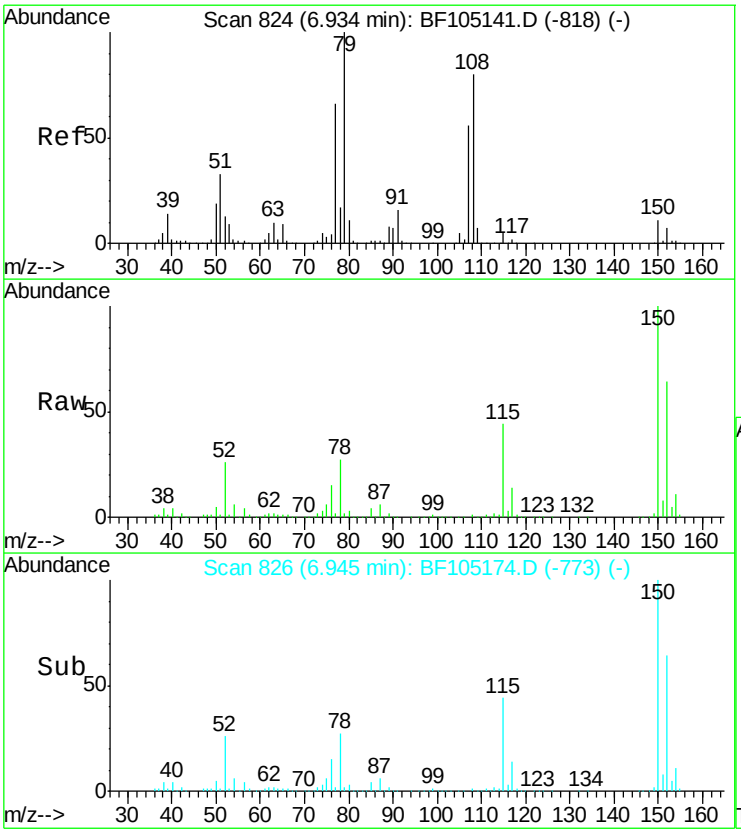
#14
1,2-Dichlorobenzene
Concen: 0.019 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 280

Ion	Ratio	Lower	Upper
146	100		
148	562.1	50.6	75.8#
111	2232.7	36.0	54.0#

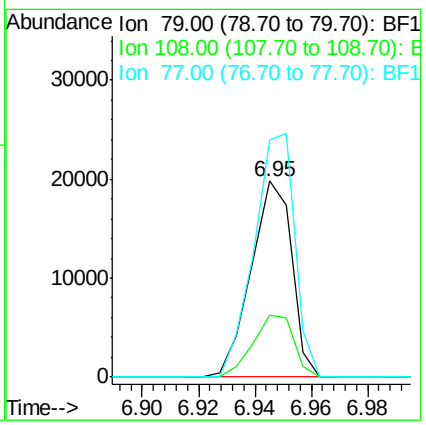


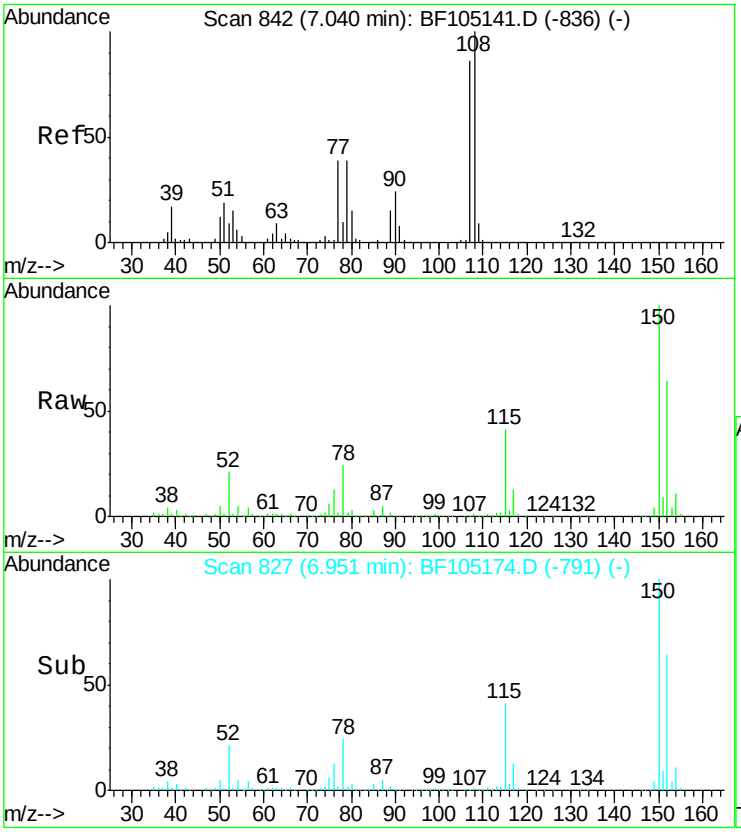


#15
Benzyl Alcohol
Concen: 1.766 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 79 Resp: 19798

Ion	Ratio	Lower	Upper
79	100		
108	31.3	65.1	97.7#
77	121.0	50.6	75.8#



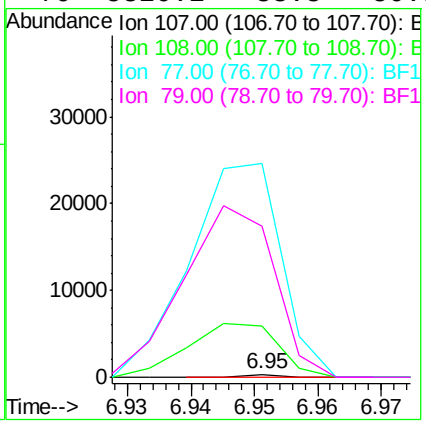


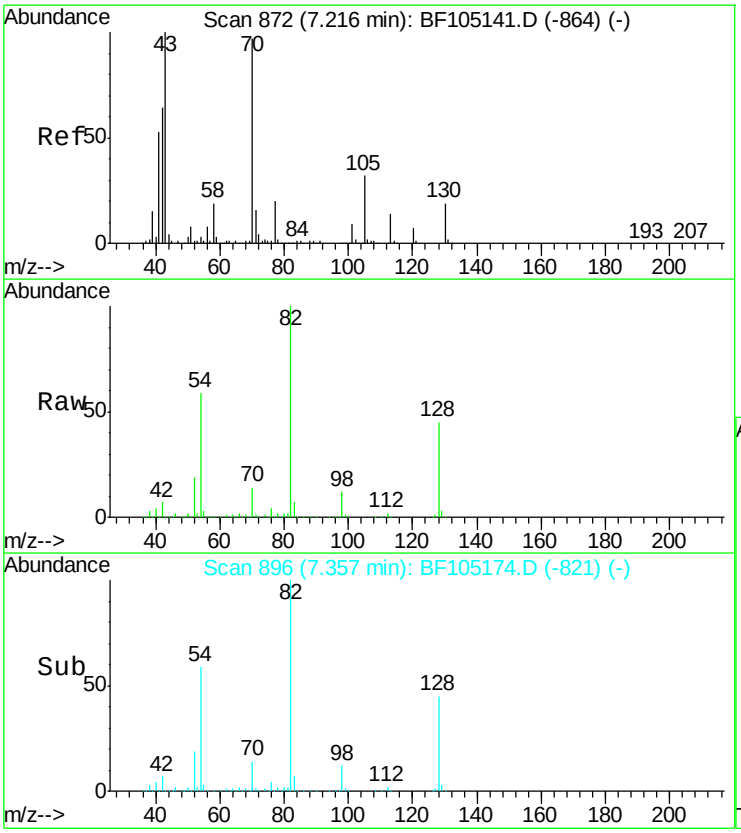
#17
2-Methylphenol
Concen: 0.010 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.09 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 115

Ion	Ratio	Lower	Upper
107	100		
108	1833.4	91.7	137.5#
77	7548.5	33.8	50.8#
79	5320.2	33.8	50.8#

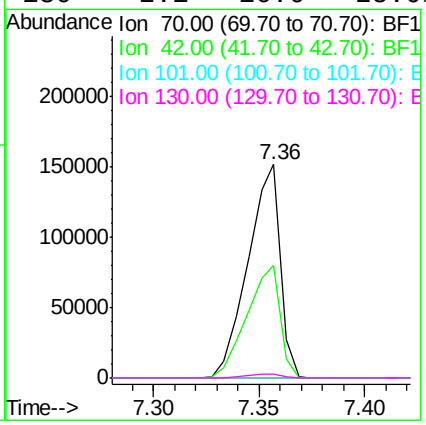


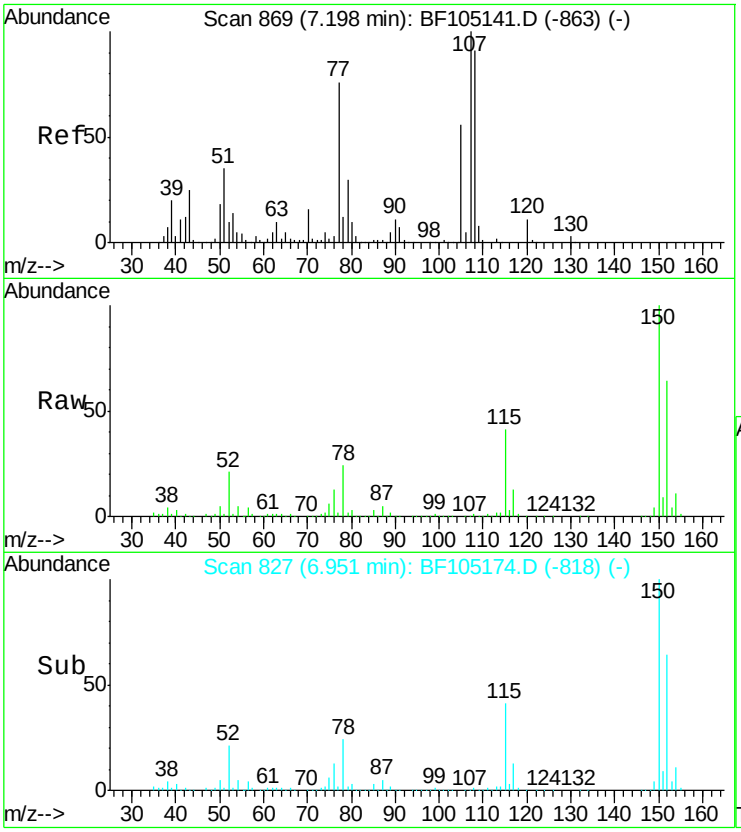


#19
n-Nitroso-di-n-propylamine
Concen: 16.630 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 70 Resp: 161306

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



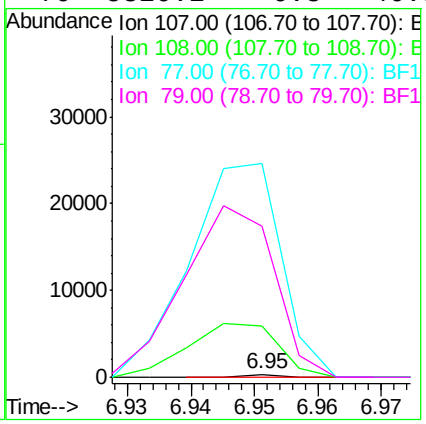


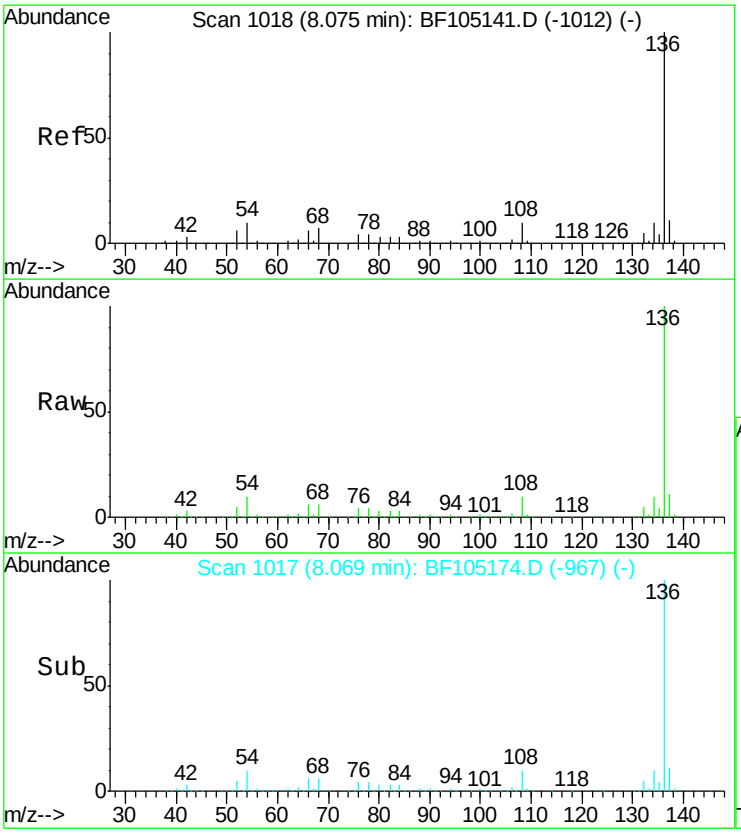
#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.25 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 115

Ion	Ratio	Lower	Upper
107	100		
108	1833.4	68.2	108.2#
77	7548.5	26.7	66.7#
79	5320.2	6.3	46.3#

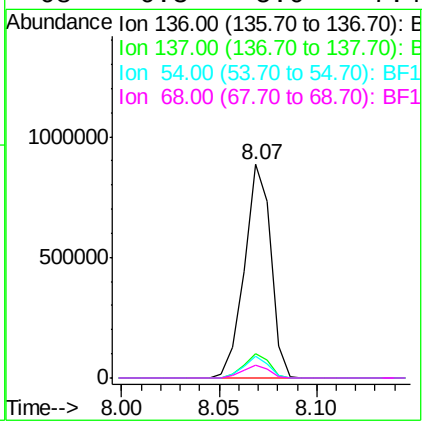


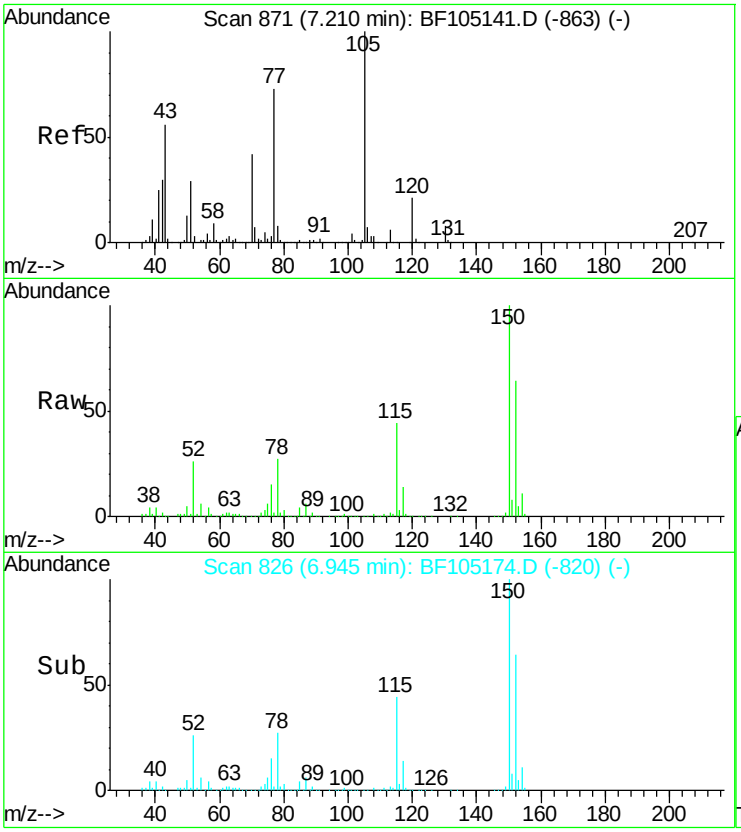


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:136 Resp: 825947

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8#
68	6.3	5.0	7.4



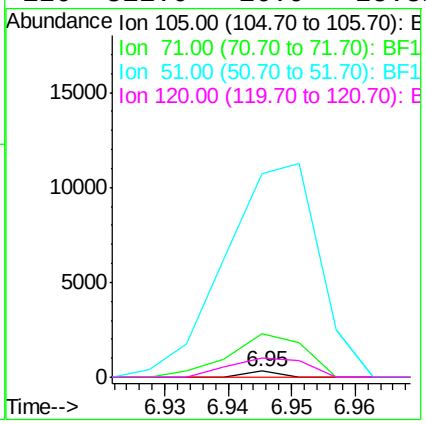


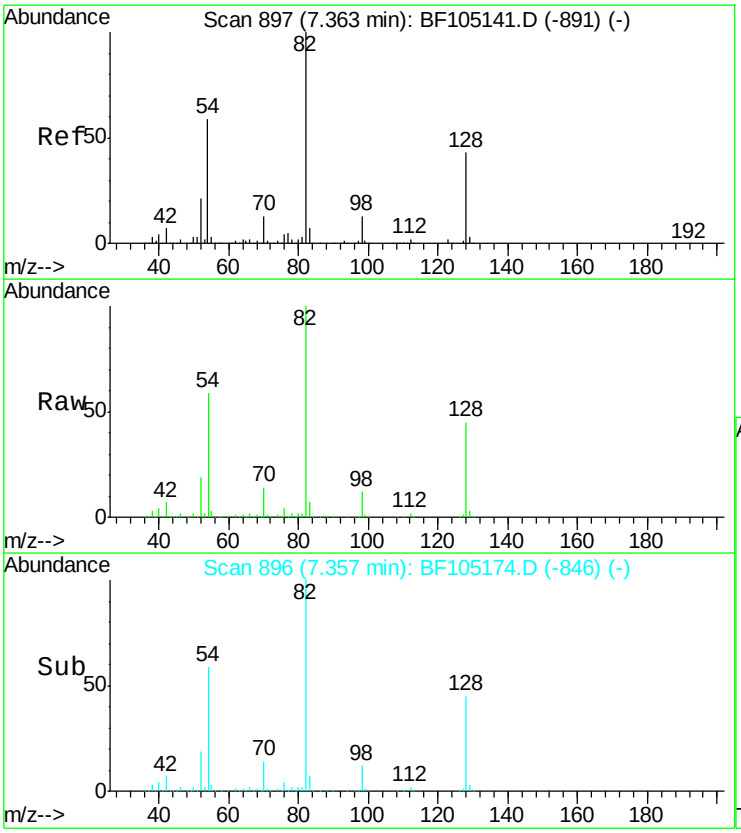
#22
Acetophenone
Concen: 0.006 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.26 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 112

Ion	Ratio	Lower	Upper
105	100		
71	730.0	4.4	6.6#
51	3374.4	22.3	33.5#
120	311.0	16.9	25.3#

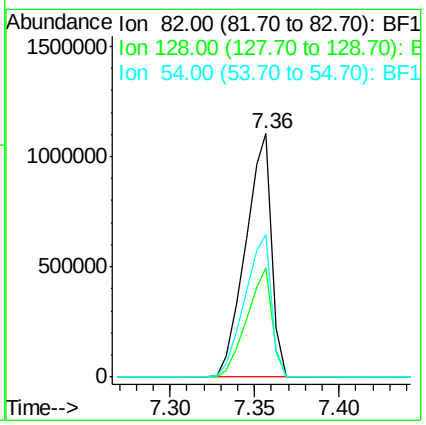


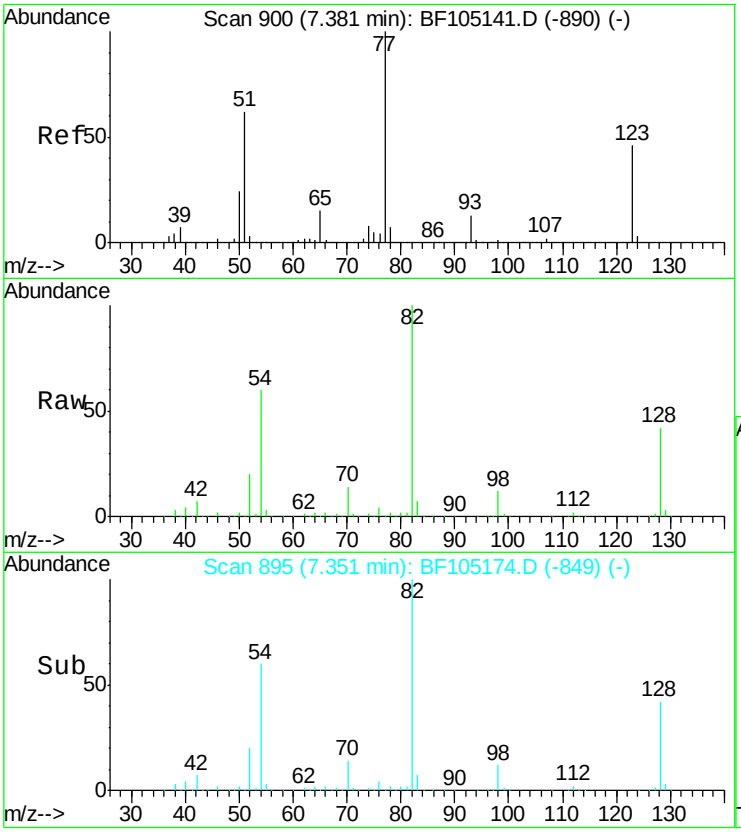


#23
Nitrobenzene-d5
Concen: 96.965 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 82 Resp: 1181702

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	58.6	41.4	62.2



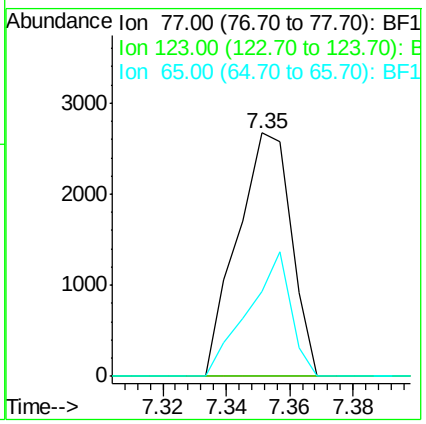


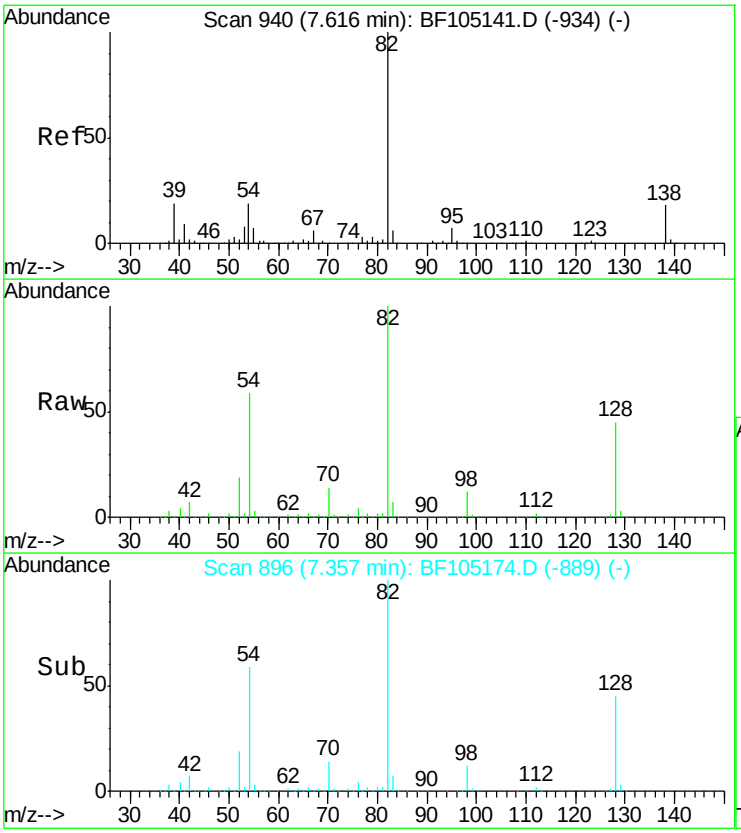
#24
Nitrobenzene
Concen: 0.228 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 3150

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	34.6	11.0	16.4#

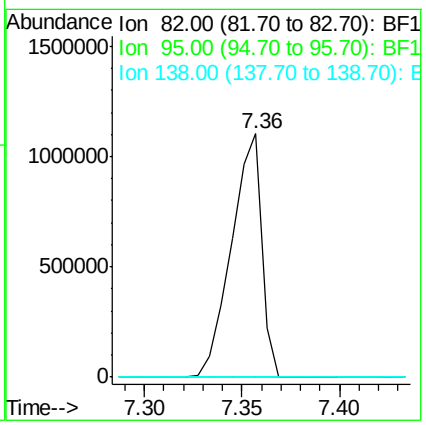


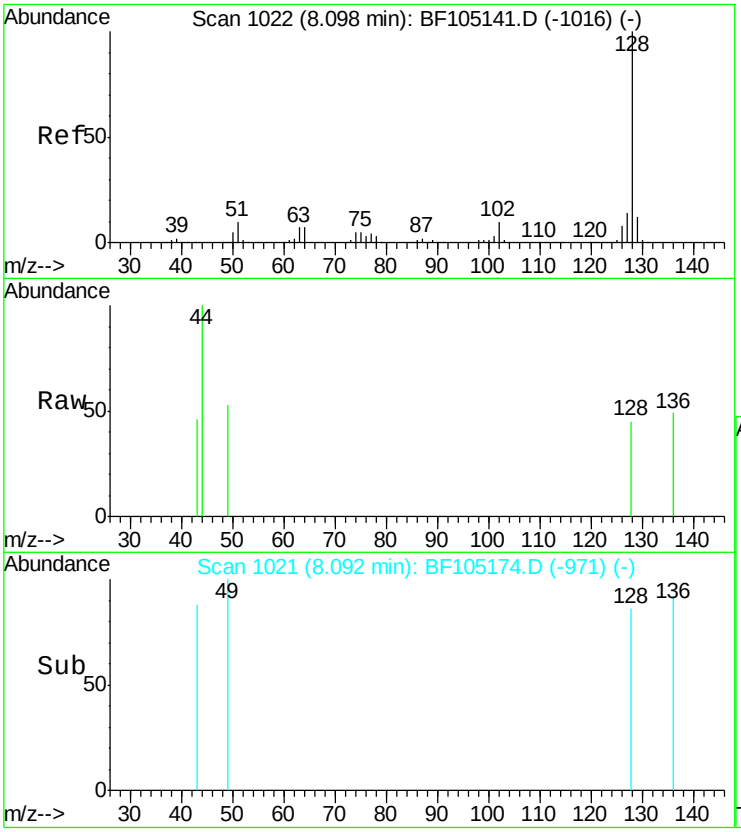


#25
Isophorone
Concen: 43.351 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 82 Resp: 1181515

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



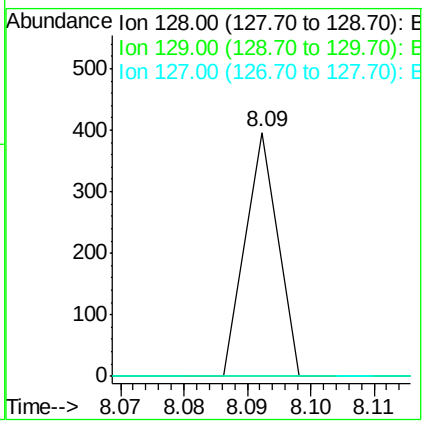


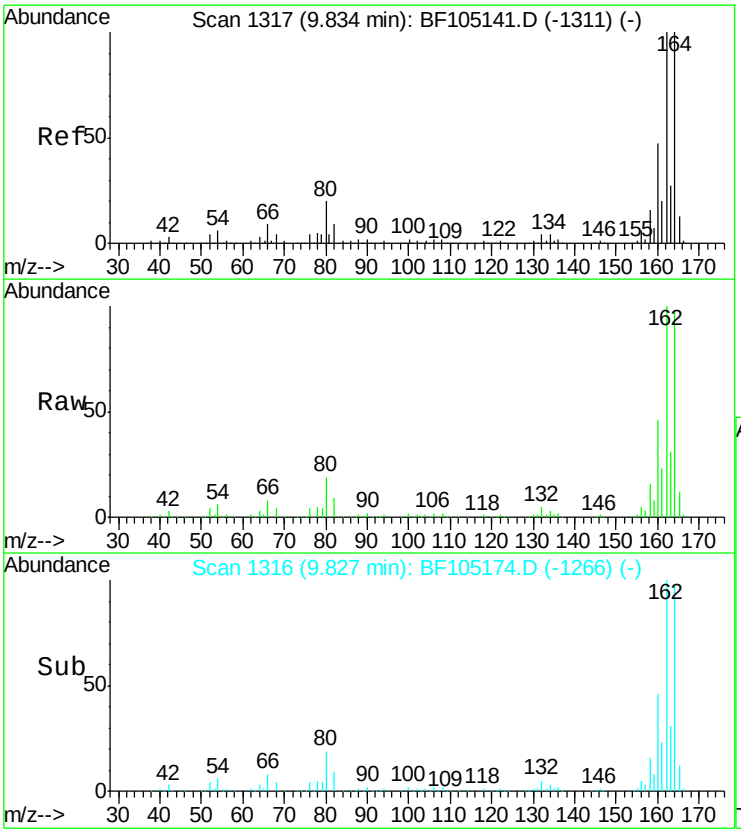
#31
Naphthalene
Concen: 0.004 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 140

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.9	16.3#

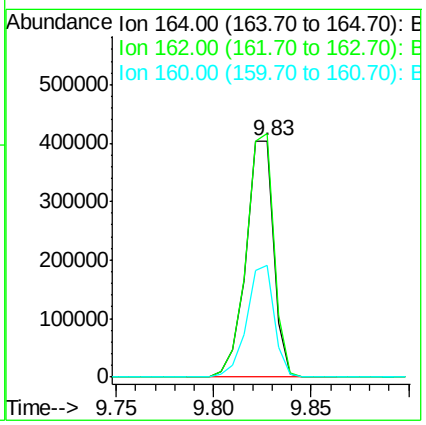


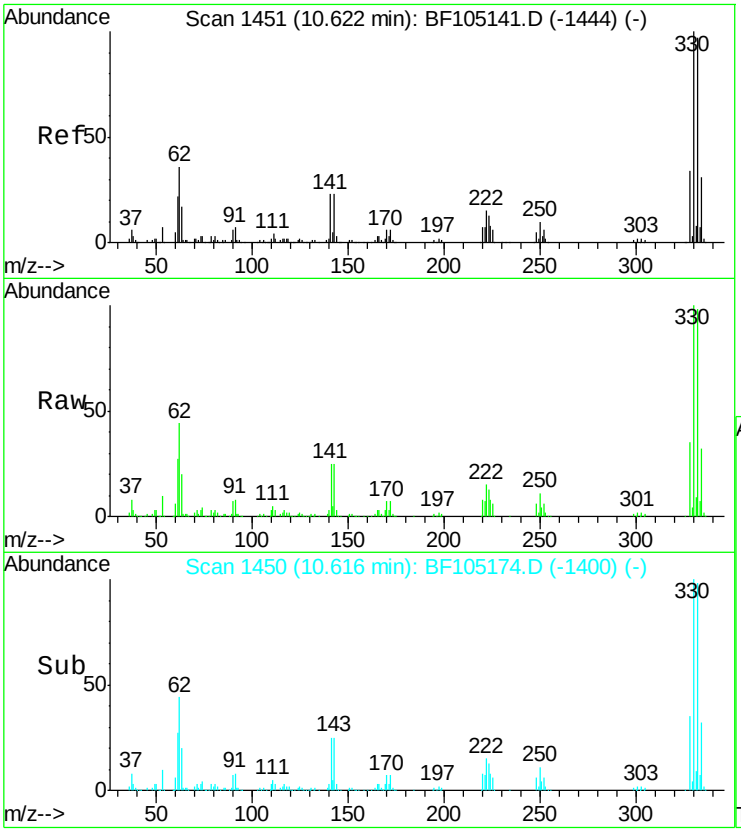


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:164 Resp: 398053

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.5	38.3	57.5



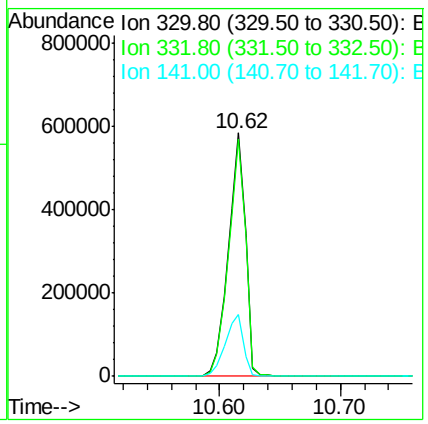


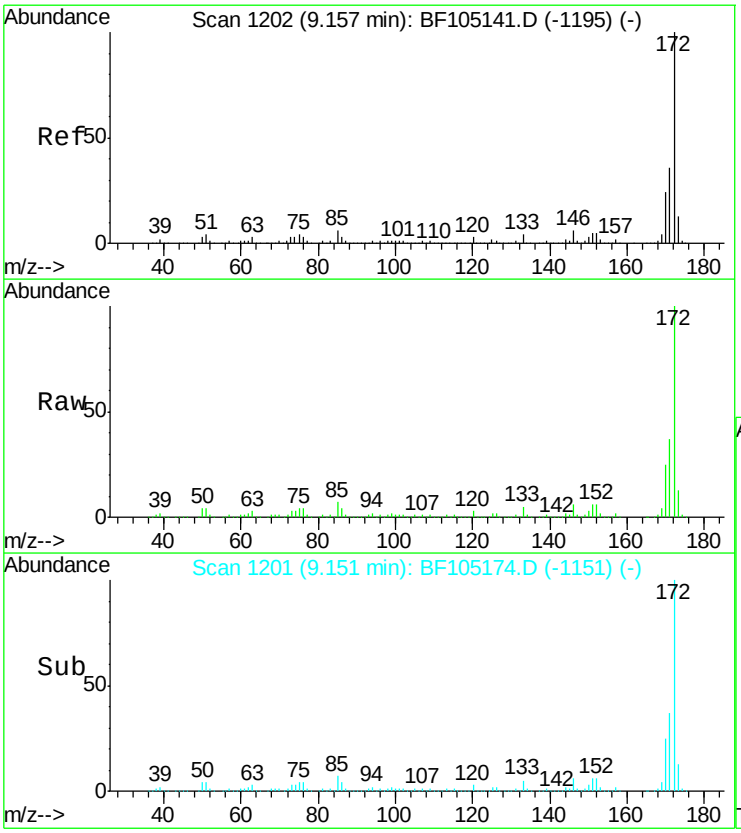
#41
2,4,6-Tribromophenol
Concen: 130.683 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 573908

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	26.7	29.9	44.9#

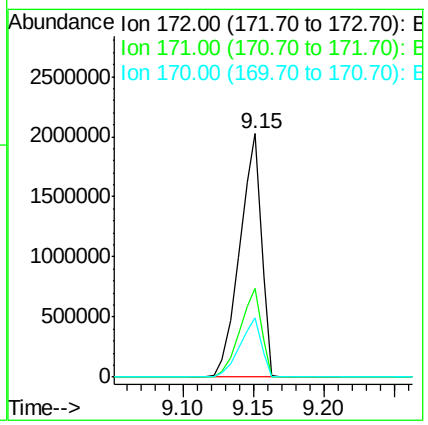


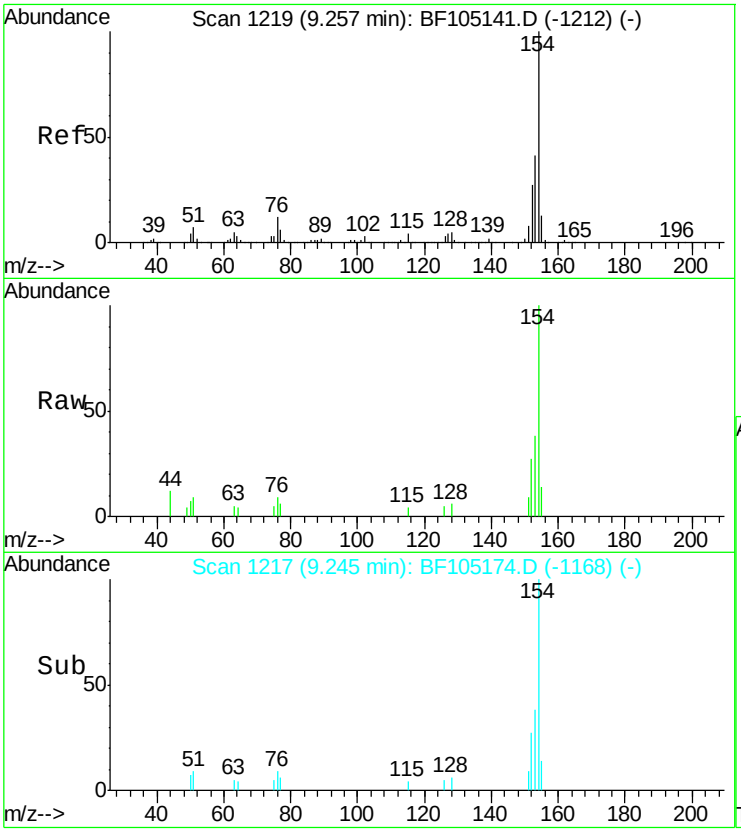


#44
2-Fluorobiphenyl
Concen: 84.160 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:172 Resp: 2158381

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4



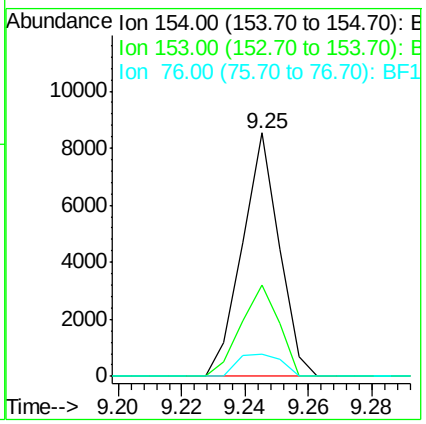


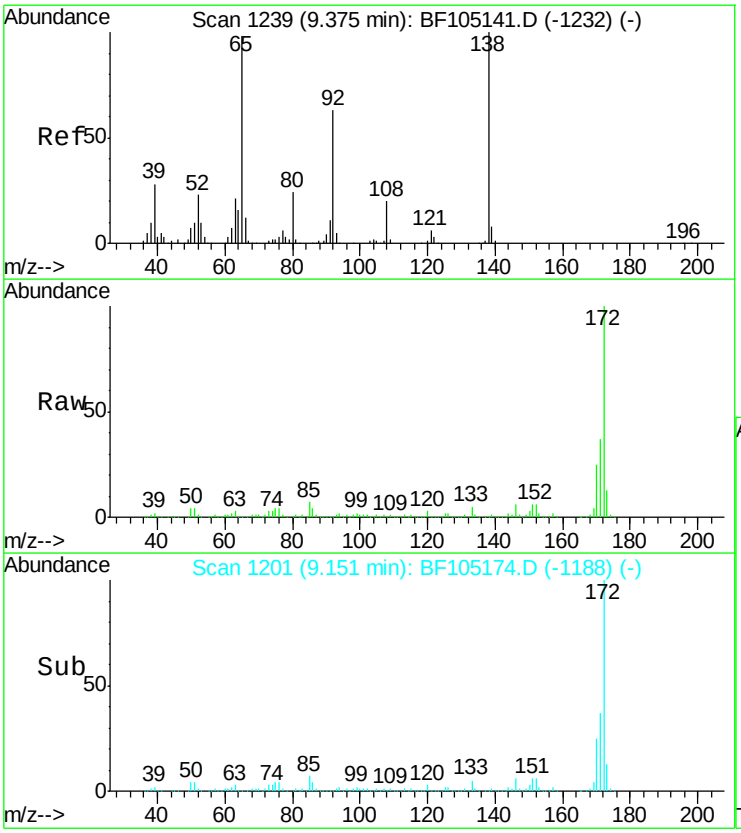
#45
1,1'-Biphenyl
Concen: 0.213 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 6900

Ion	Ratio	Lower	Upper
154	100		
153	37.6	21.3	61.3
76	9.4	0.0	34.0

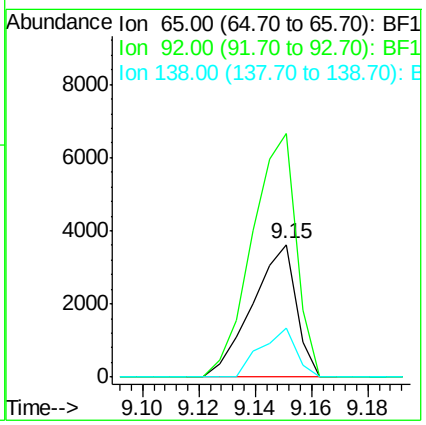


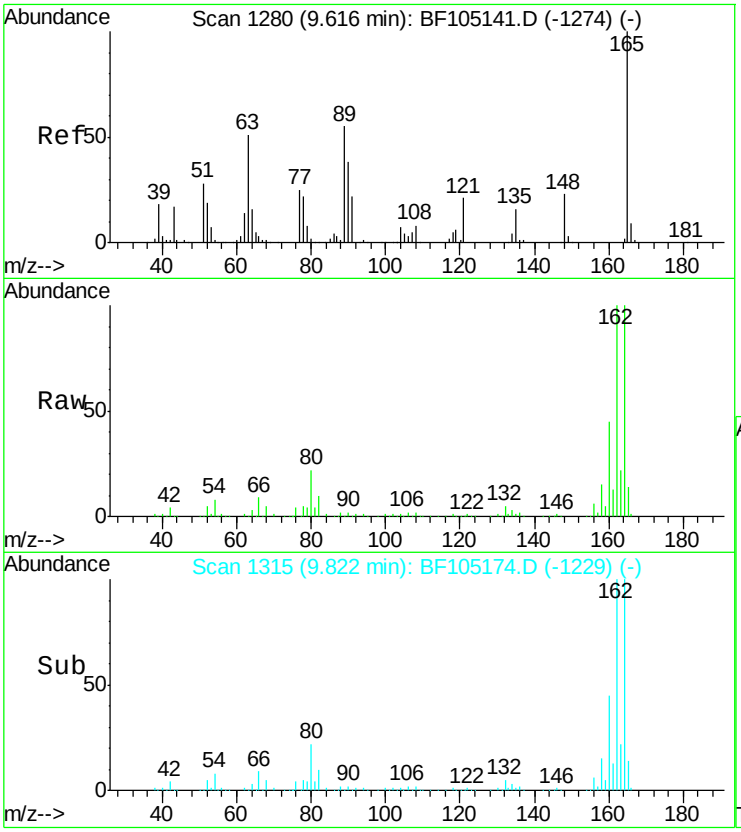


#47
2-Nitroaniline
Concen: 6.292 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.22 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 65 Resp: 3915

Ion	Ratio	Lower	Upper
65	100		
92	183.5	55.8	83.6#
138	36.8	91.2	136.8#



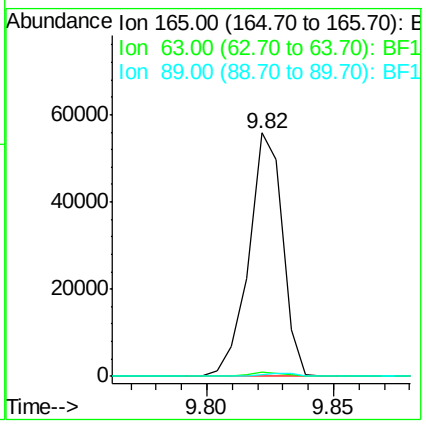


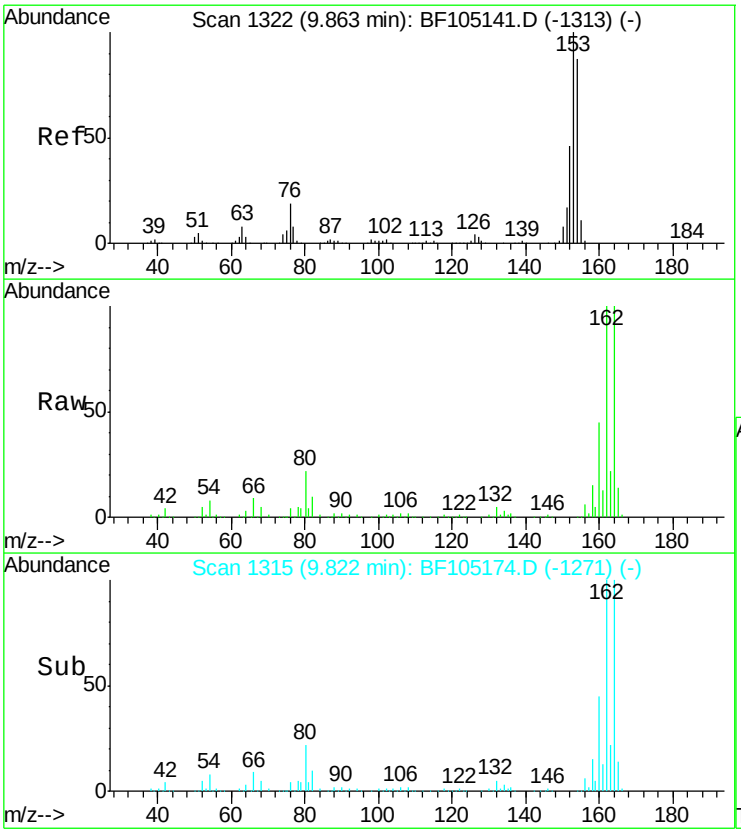
#50
2,6-Dinitrotoluene
Concen: 8.889 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 51978

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.9	44.0	66.0#

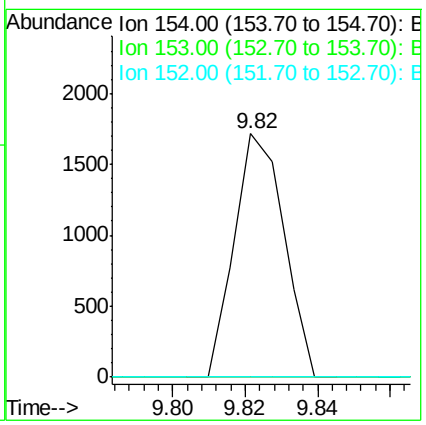


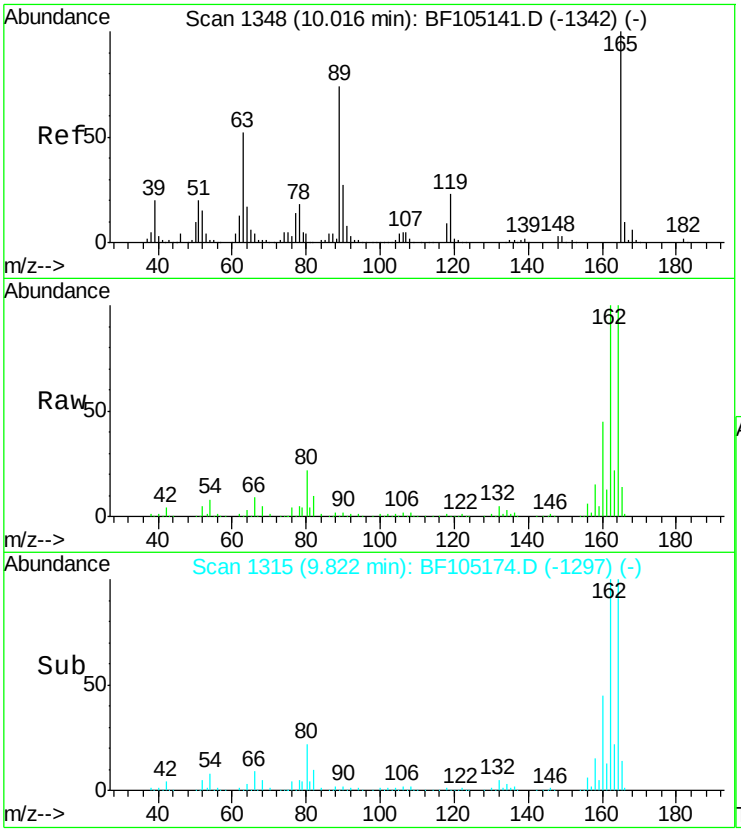


#51
Acenaphthene
Concen: 0.068 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:154 Resp: 1635

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#



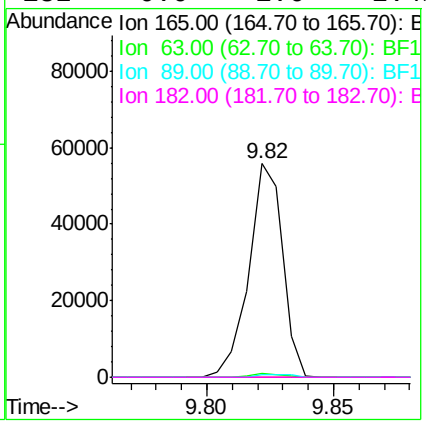


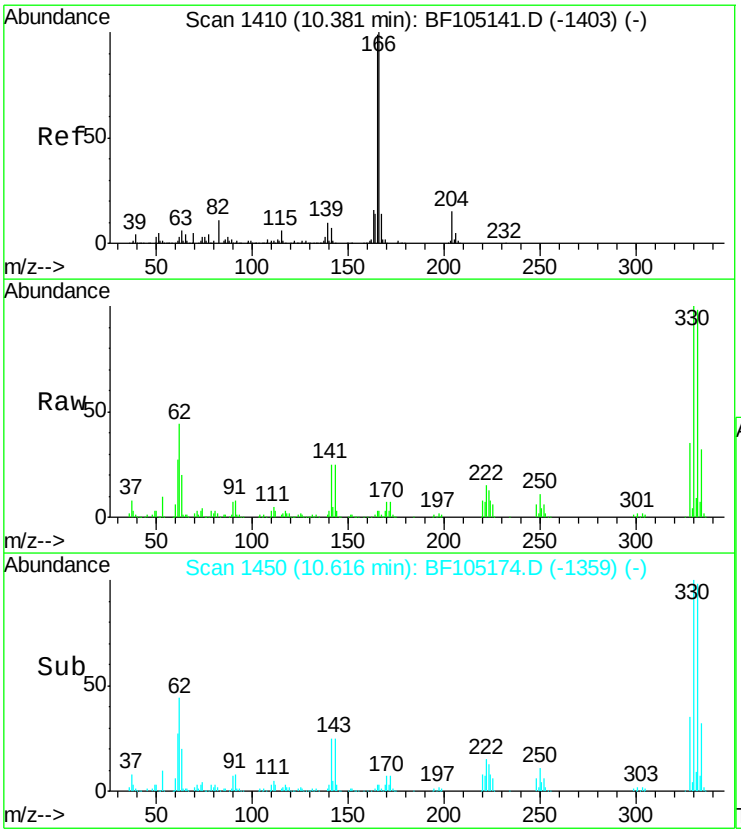
#56
2,4-Dinitrotoluene
Concen: 9.792 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 51978

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#

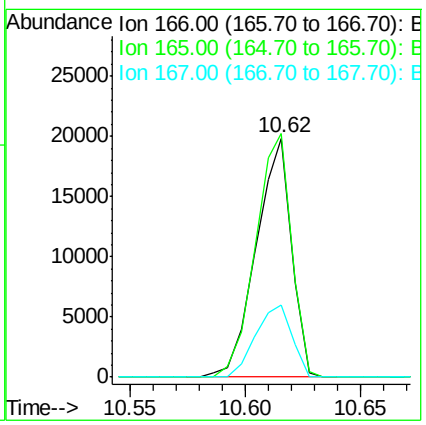


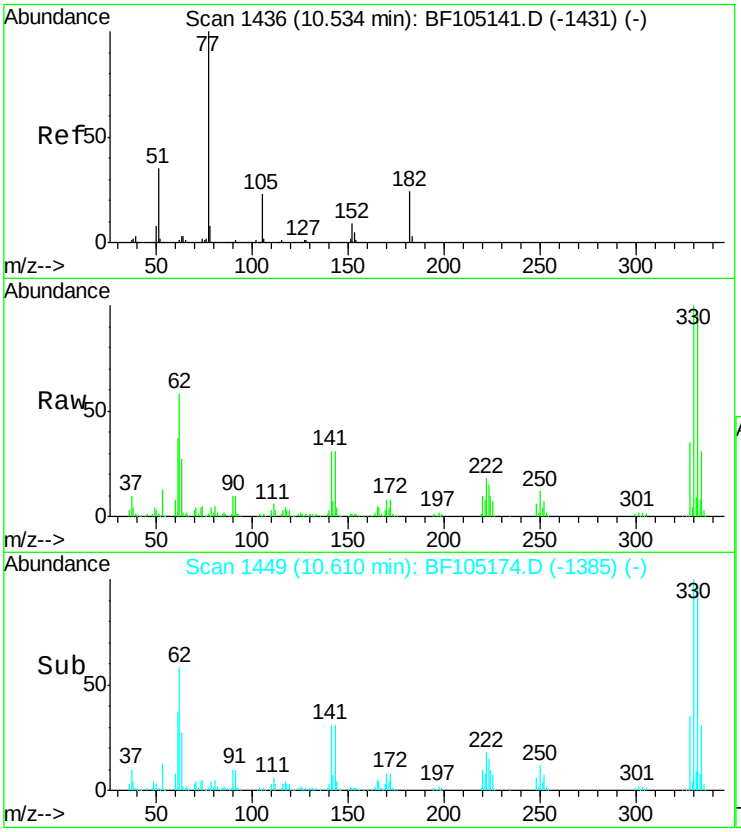


#57
Fluorene
Concen: 0.813 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.23 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:166 Resp: 21042

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.8	119.8
167	30.3	10.6	16.0#



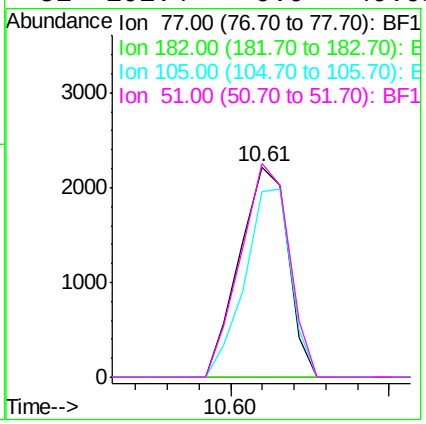


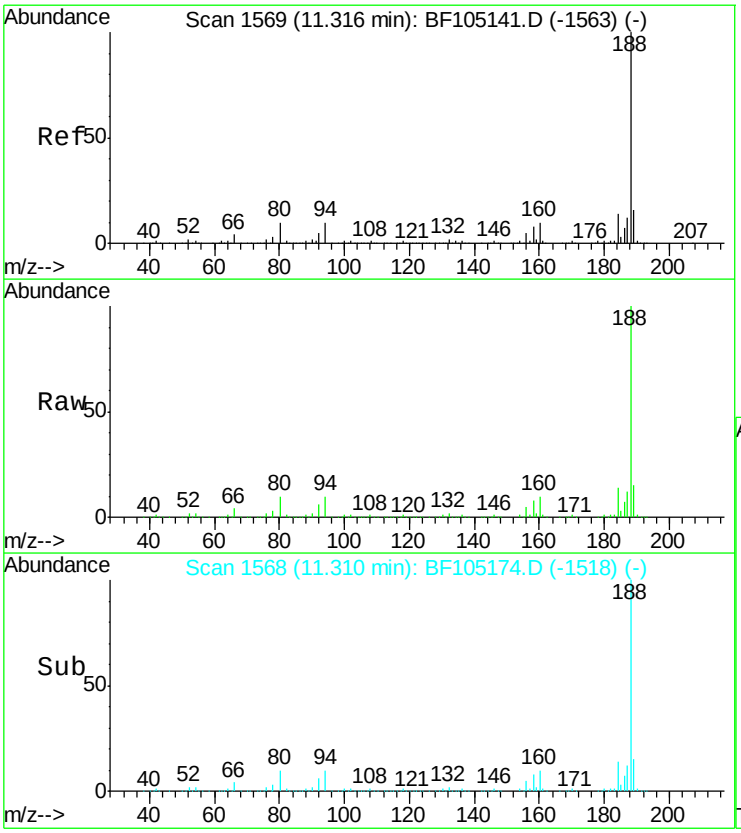
#62
Azobenzene
Concen: 0.085 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.08 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2348

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	88.3	3.0	43.0#
51	101.4	9.9	49.9#

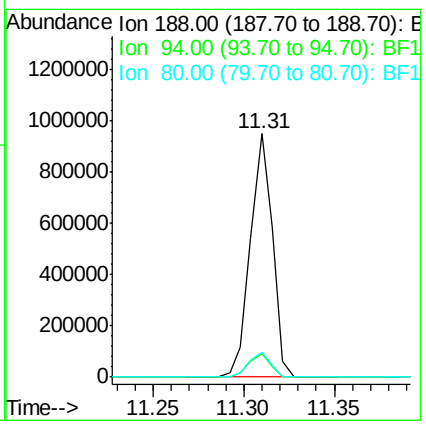


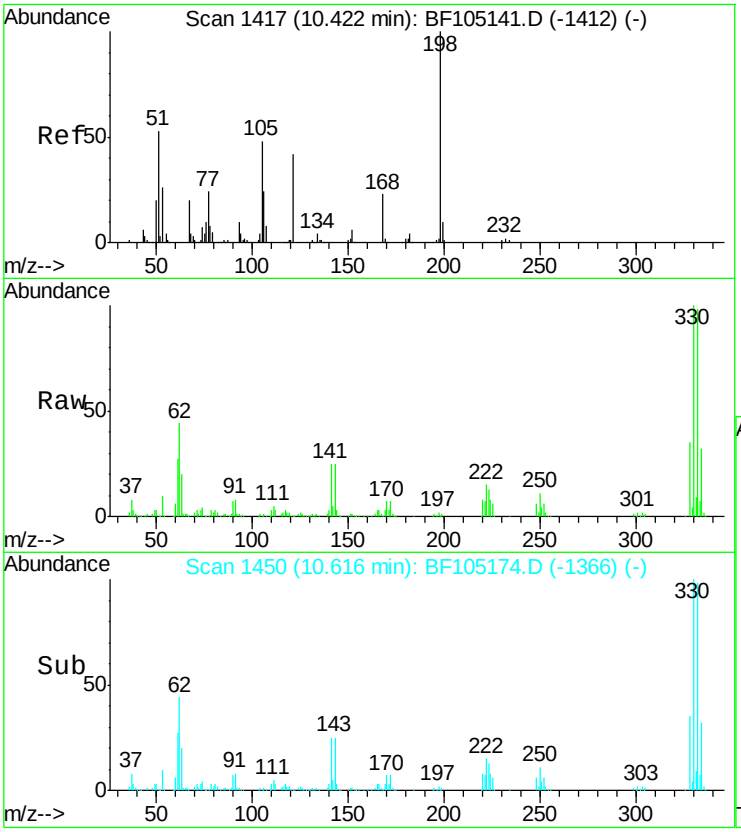


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:188 Resp: 804086

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.3	9.2	13.8



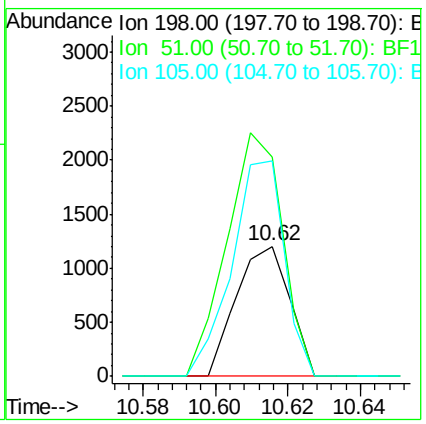


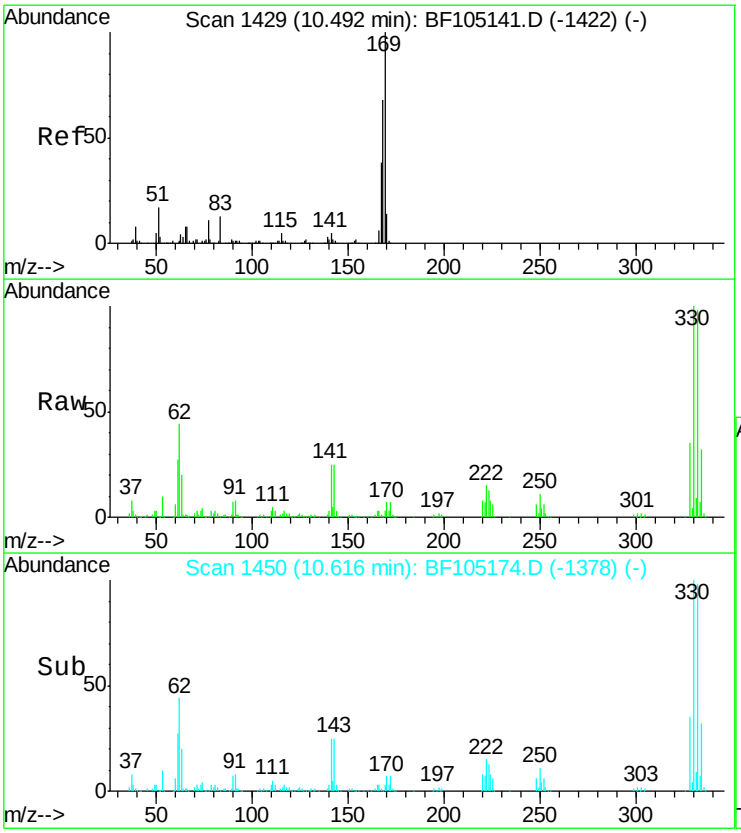
#64
4,6-Dinitro-2-methylphenol
Concen: 9.191 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.19 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1223

Ion	Ratio	Lower	Upper
198	100		
51	168.7	37.7	77.7#
105	165.8	36.3	76.3#

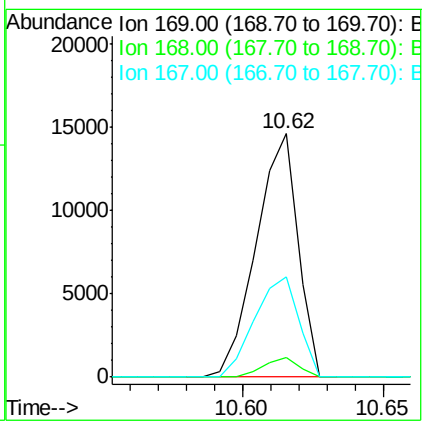


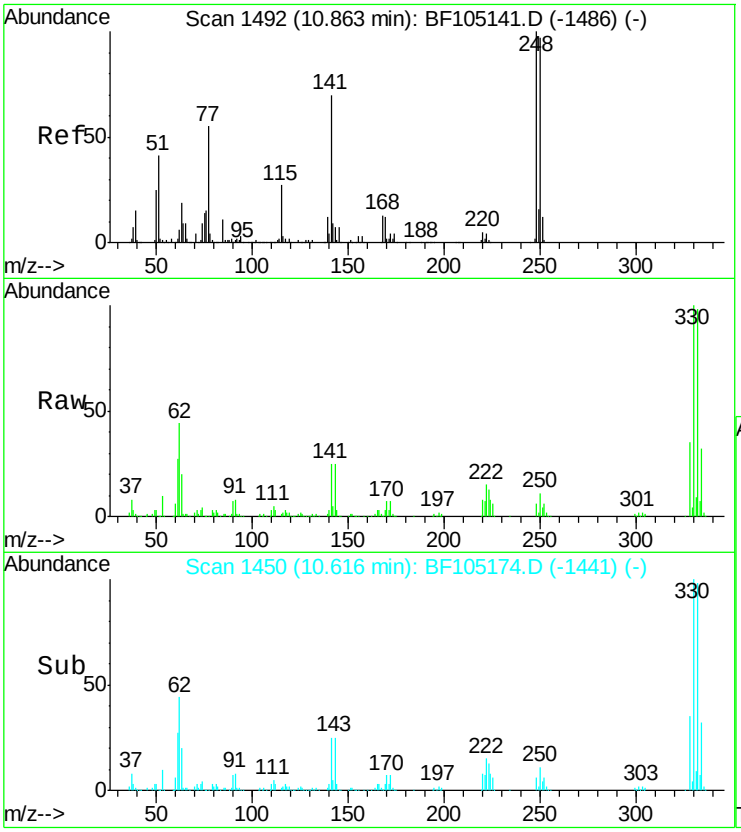


#65
n-Nitrosodiphenylamine
Concen: 0.598 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:169 Resp: 14985

Ion	Ratio	Lower	Upper
169	100		
168	8.1	54.4	81.6#
167	41.1	29.8	44.6



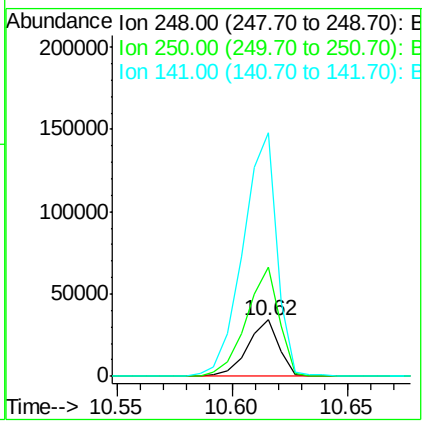


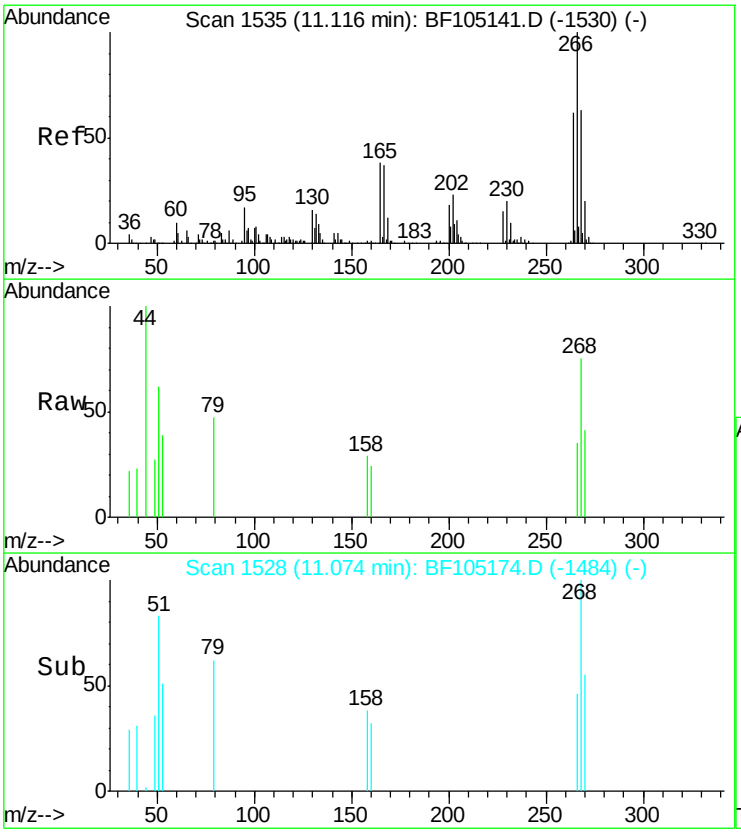
#66
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 32892

Ion	Ratio	Lower	Upper
248	100		
250	193.0	76.9	115.3#
141	429.8	74.4	111.6#

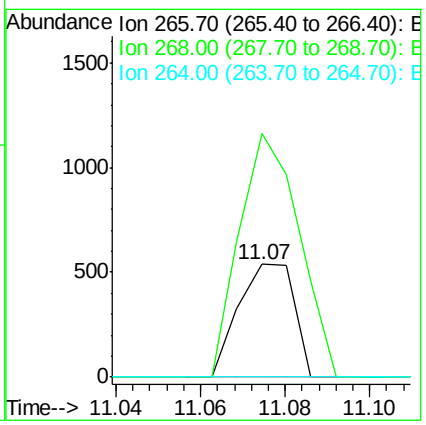


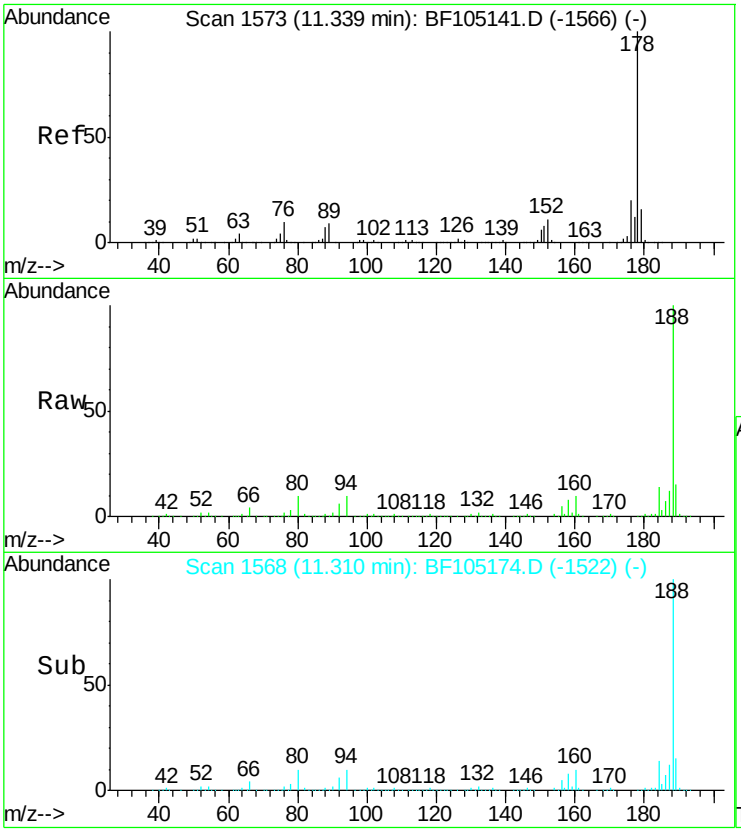


#69
Pentachlorophenol
Concen: 3.307 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.04 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:266 Resp: 493

Ion	Ratio	Lower	Upper
266	100		
268	215.6	51.1	76.7#
264	0.0	49.5	74.3#



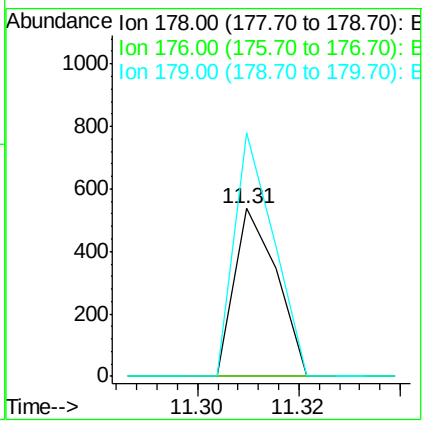


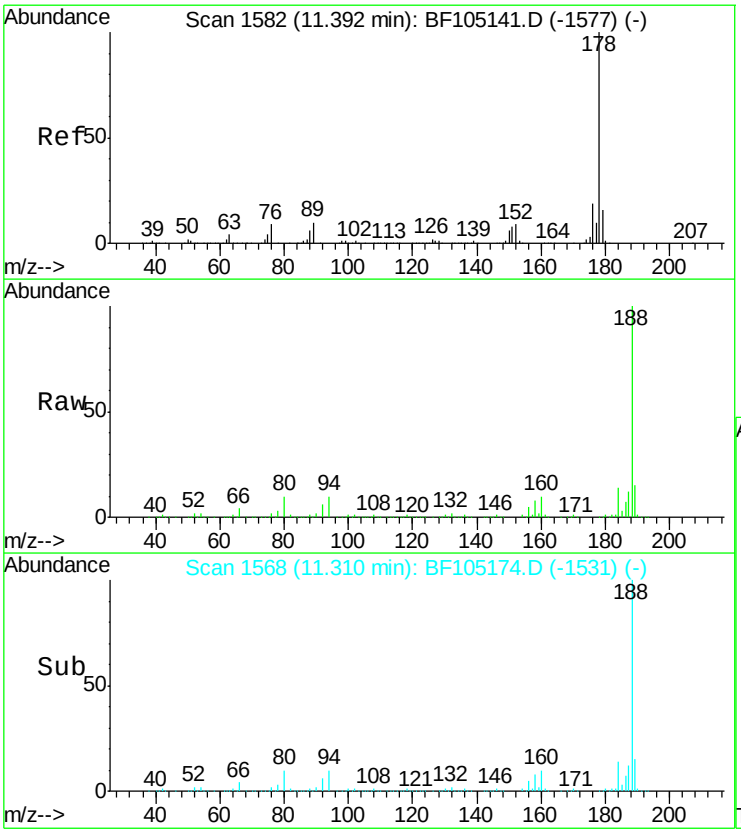
#70
Phenanthrene
Concen: 0.007 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 312

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	144.8	13.0	19.6#

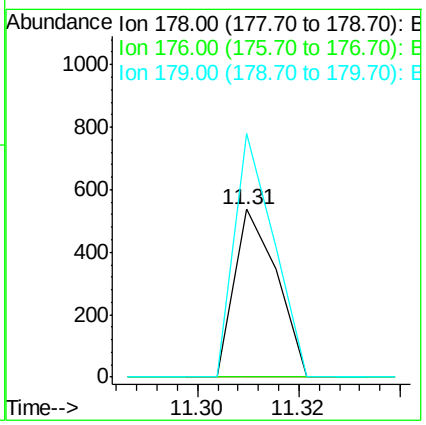


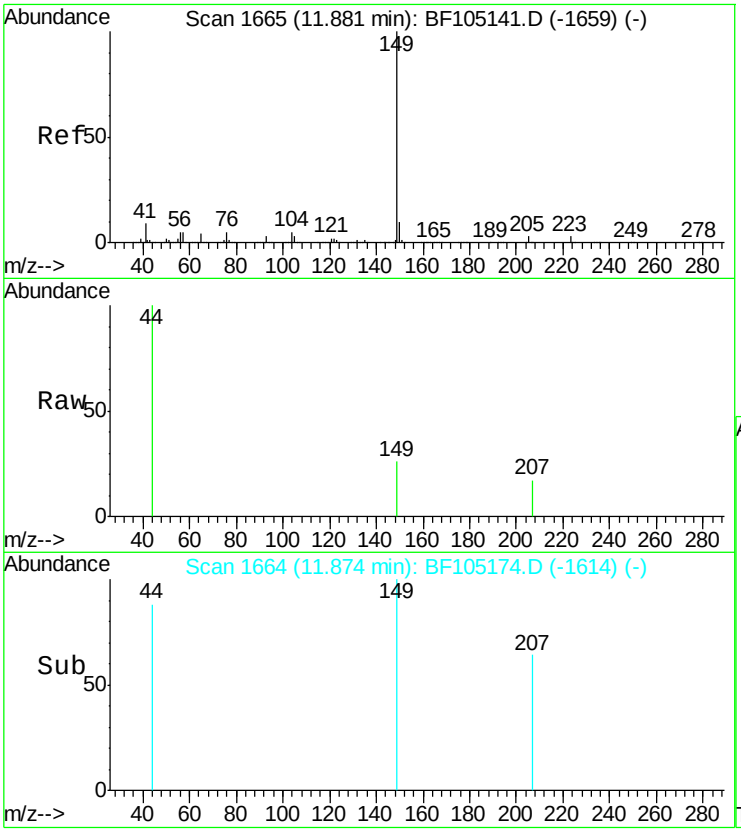


#71
Anthracene
Concen: 0.007 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.08 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:178 Resp: 312

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	144.8	12.6	19.0#



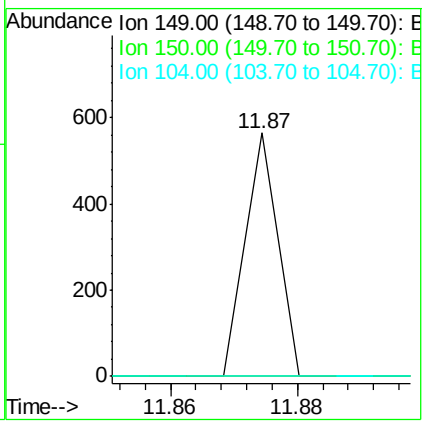


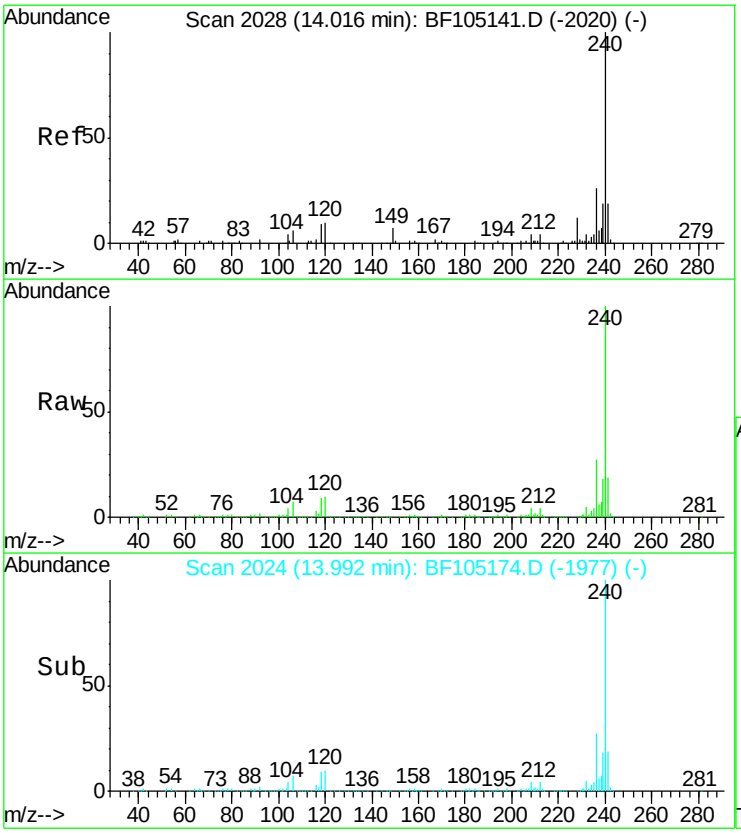
#73
Di-n-butylphthalate
Concen: 0.005 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 199

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.8	5.8#

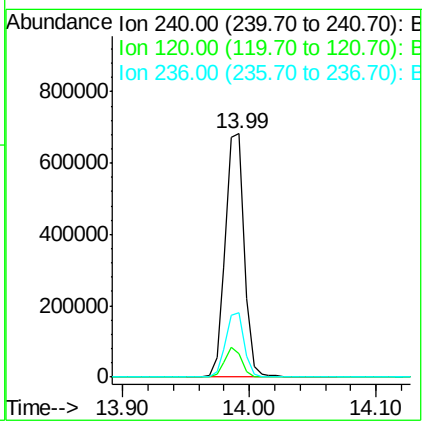


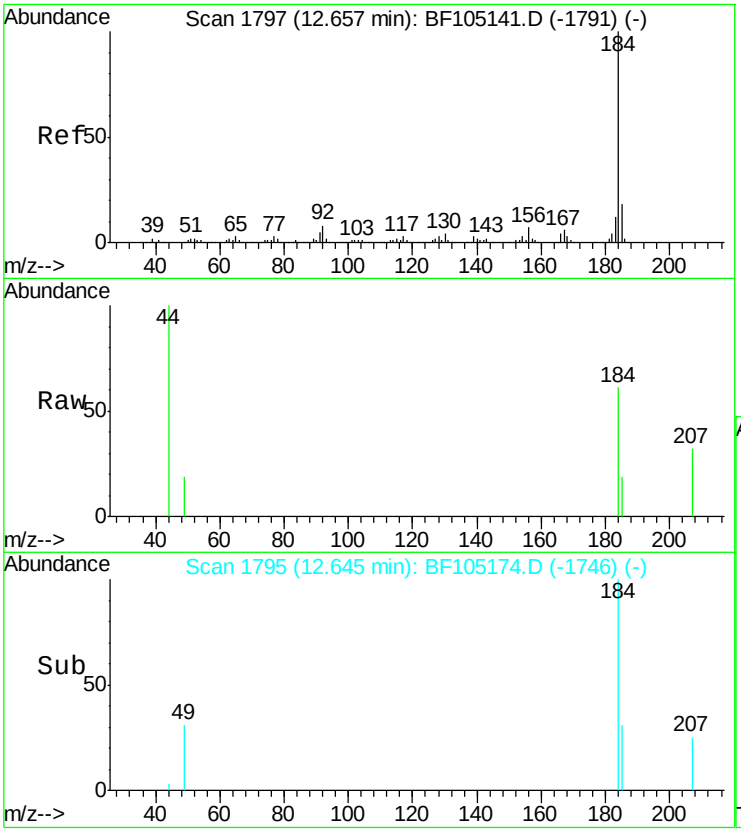


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:240 Resp: 706044

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.6	20.7	31.1



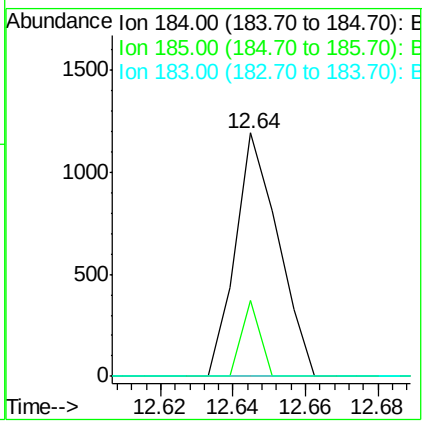


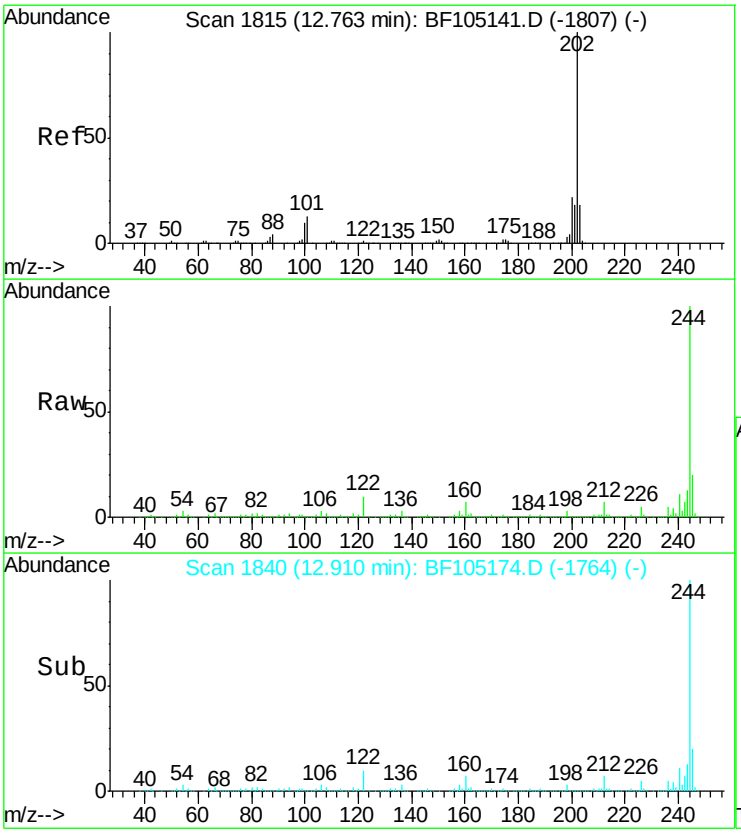
#76
Benzidine
Concen: 0.037 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 978

Ion	Ratio	Lower	Upper
184	100		
185	31.3	12.6	18.8#
183	0.0	9.3	13.9#

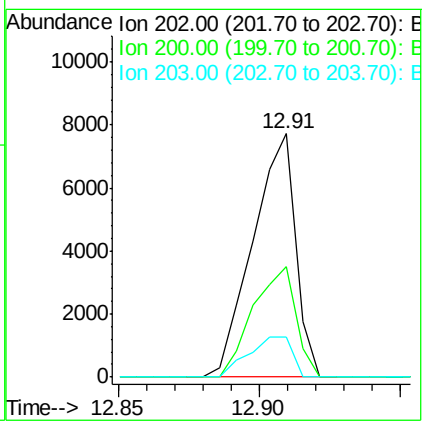


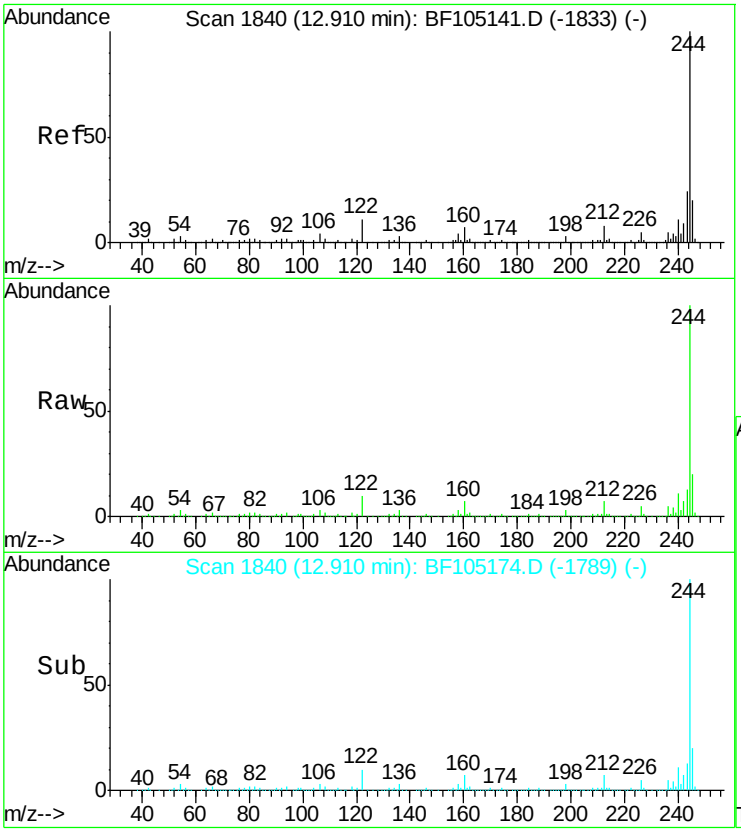


#77
Pyrene
Concen: 0.158 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.15 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:202 Resp: 8131

Ion	Ratio	Lower	Upper
202	100		
200	45.4	17.4	26.2#
203	16.7	14.3	21.5



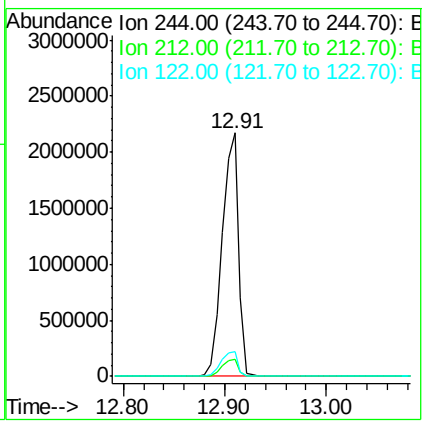


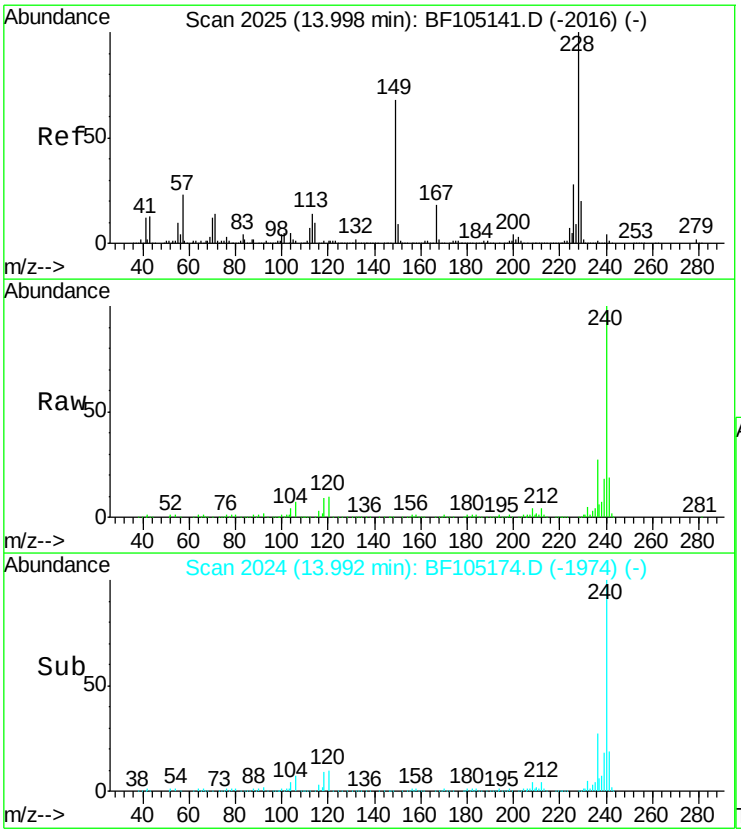
#78
Terphenyl-d14
Concen: 79.511 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2416770

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.0	11.0	16.4#

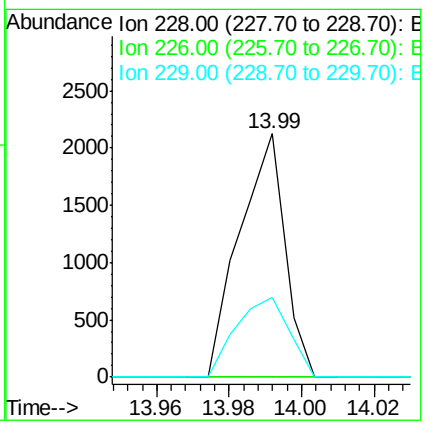


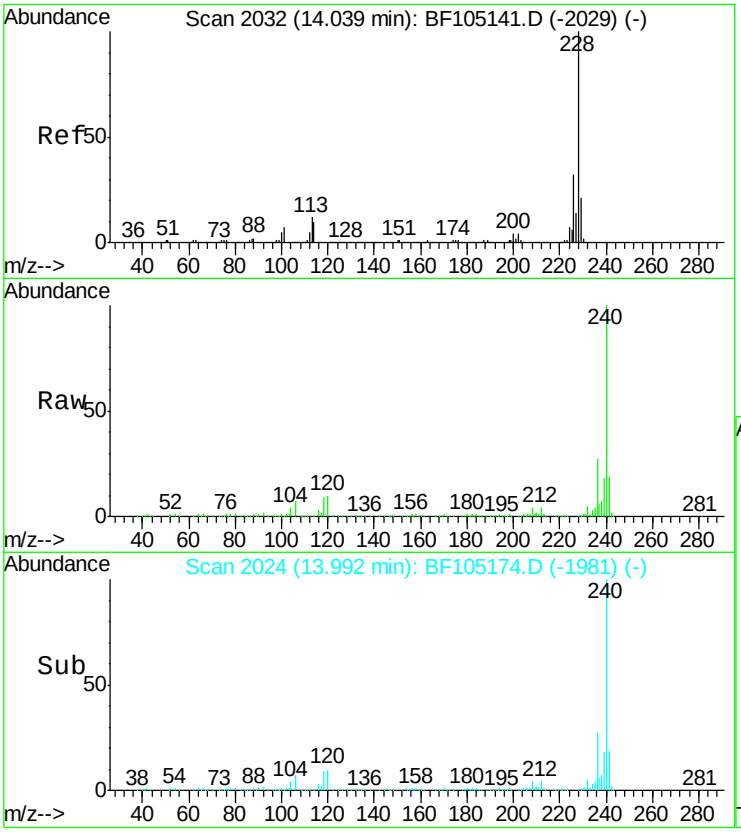


#80
Benzo(a)anthracene
Concen: 0.043 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:228 Resp: 1839

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	32.6	15.8	23.6#



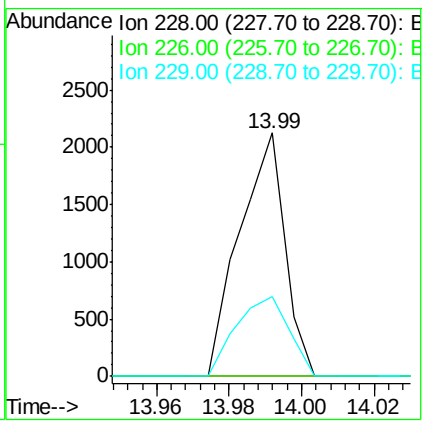


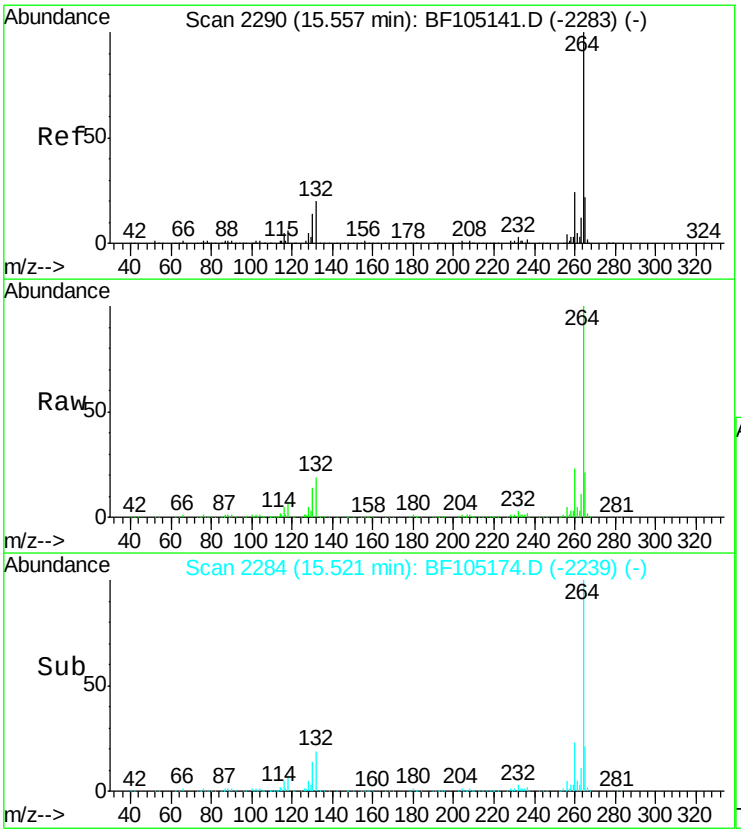
#82
Chrysene
Concen: 0.042 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.05 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1839

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	32.6	16.2	24.4#

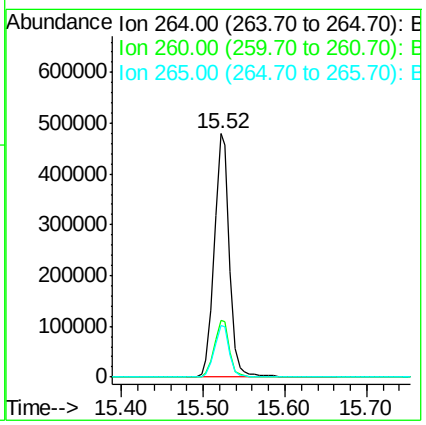


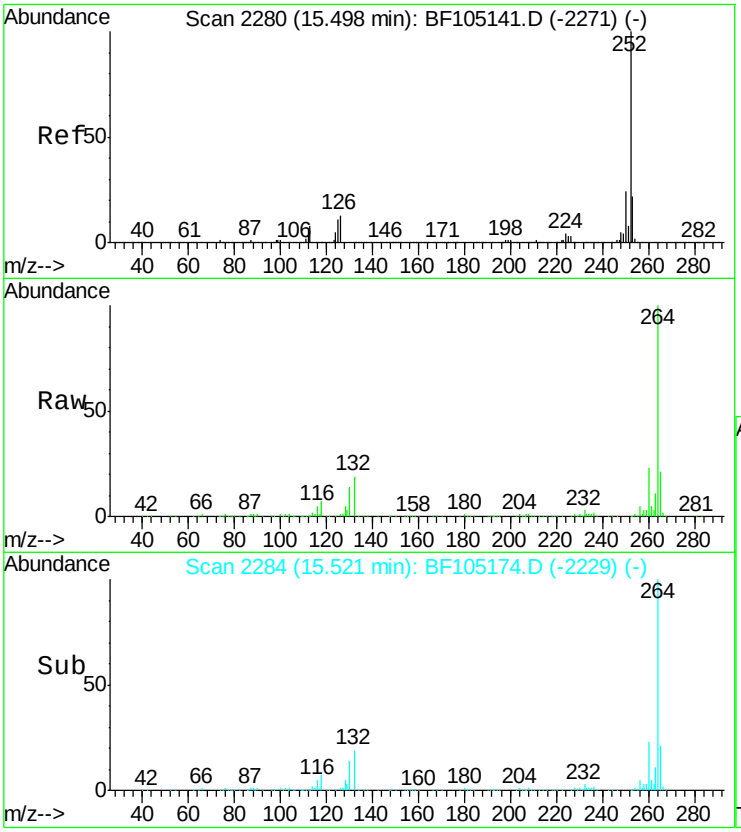


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.04 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:264 Resp: 619120

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3





#89
Benzo(a)pyrene
Concen: 0.058 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1990

Ion	Ratio	Lower	Upper
252	100		
253	46.5	17.1	25.7#
125	0.0	9.8	14.6#