Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
Data File : BF076823.D
Acq On : 13 Jan 2015 1:17
Operator : IZ / TP
Sample : F5246-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Time: Jan 13 03:03:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38905	20.00	ng		0.01
21) Naphthalene-d8	11.01	136	160014	20.00	ng		0.01
38) Acenaphthene-d10	15.16	164	83788	20.00	ng		0.02
63) Phenanthrene-d10	17.88	188	131008	20.00	ng		0.02
75) Chrysene-d12	21.34	240	124926	20.00	ng		-0.01
86) Perylene-d12	22.97	264	117042	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	224114	96.13	ng		-0.01
7) Phenol-d6	7.49	99	286760	97.70	ng		-0.01
23) Nitrobenzene-d5	9.38	82	176190	61.19	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	59527	85.12	ng		0.01
44) 2-Fluorobiphenyl	13.66	172	332566	58.42	ng		0.01
78) Terphenyl-d14	20.08	244	311316	54.71	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.49	88	3554	3.57	ng	#	14
9) Benzaldehyde	7.12	77	11549	6.63	ng	#	1
18) Hexachloroethane	9.22	117	16315	14.06	ng	#	1
19) n-Nitroso-di-n-propylamine	9.16	70	12080	5.79	ng	#	52
22) Acetophenone	9.04	105	203270	51.69	ng	#	57
26) 2-Nitrophenol	10.15	139	2984	2.14	ng	#	1
28) bis(2-Chloroethoxy)methane	10.62	93	7097	2.31	ng	#	1
29) 2,4-Dichlorophenol	10.79	162	6079	2.83	ng	#	8
31) Naphthalene	11.05	128	341223	41.57	ng	#	91
35) Caprolactam	12.13	113	3306	5.18	ng	#	1
36) 4-Chloro-3-methylphenol	12.60	107	8276	3.47	ng	#	35
37) 2-Methylnaphthalene	12.72	142	583814	101.35	ng		97
45) 1,1'-Biphenyl	13.87	154	174026	27.01	ng		98
49) Dimethylphthalate	14.72	163	20937	3.44	ng	#	89
50) 2,6-Dinitrotoluene	14.86	165	5576	4.32	ng	#	43
51) Acenaphthene	15.23	154	36234	7.31	ng	#	33
54) Dibenzofuran	15.65	168	60770	8.38	ng		92
55) 4-Nitrophenol	15.80	139	20653	21.74	ng	#	72
56) 2,4-Dinitrotoluene	15.72	165	22541	13.67	ng	#	55
57) Fluorene	16.35	166	139992	23.12	ng	#	88
61) 4-Nitroaniline	16.46	138	5078	3.72	ng	#	51
62) Azobenzene	16.72	77	18792	2.92	ng	#	1
65) n-Nitrosodiphenylamine	16.69	169	83535	17.56	ng	#	42
70) Phenanthrene	17.91	178	308712	37.81	ng		97
71) Anthracene	17.99	178	37413	4.72	ng	#	1
72) Carbazole	18.25	167	40409	5.20	ng	#	43
77) Pyrene	19.82	202	50744	5.65	ng	#	84
83) Bis(2-ethylhexyl)phthalate	21.47	149	16908	2.92	ng	#	91

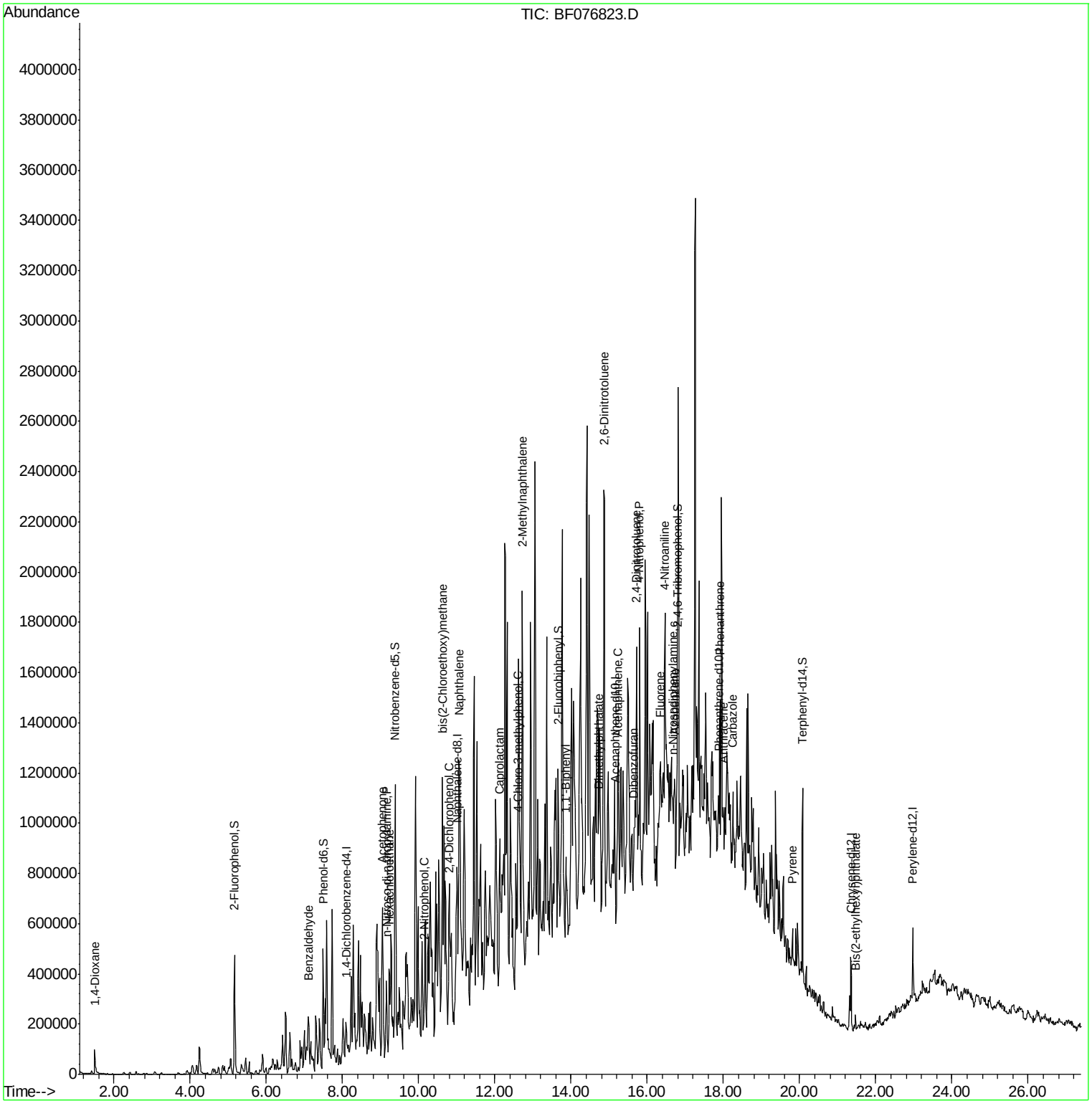
(#) = qualifier out of range (m) = manual integration (+) = signals summed

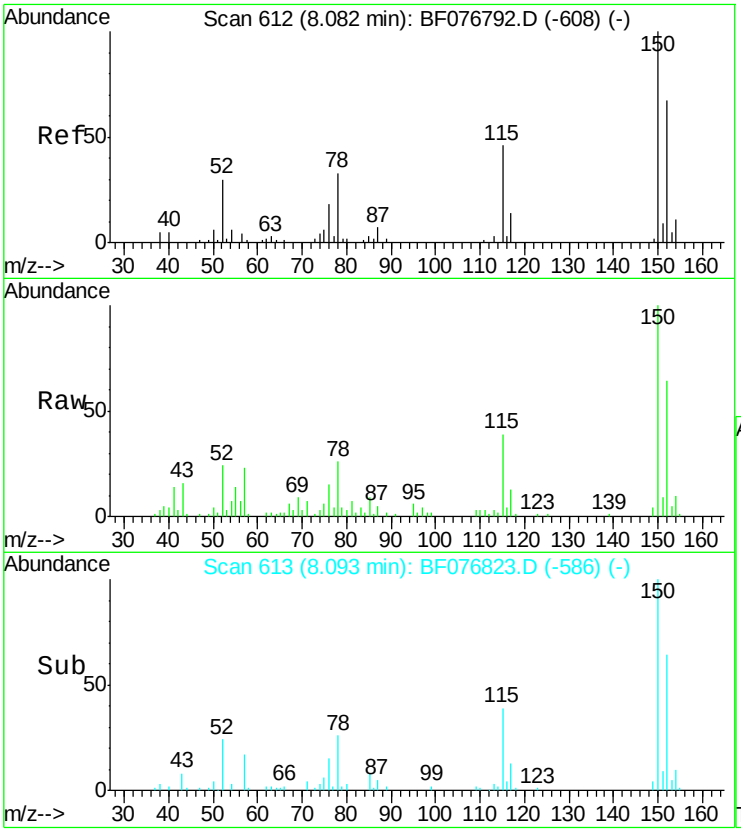
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
Data File : BF076823.D
Acq On : 13 Jan 2015 1:17
Operator : IZ / TP
Sample : F5246-01
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Jan 13 03:03:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration



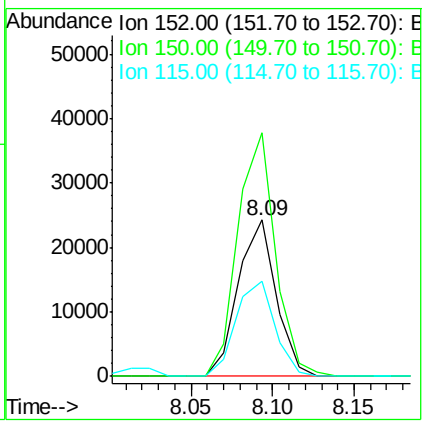


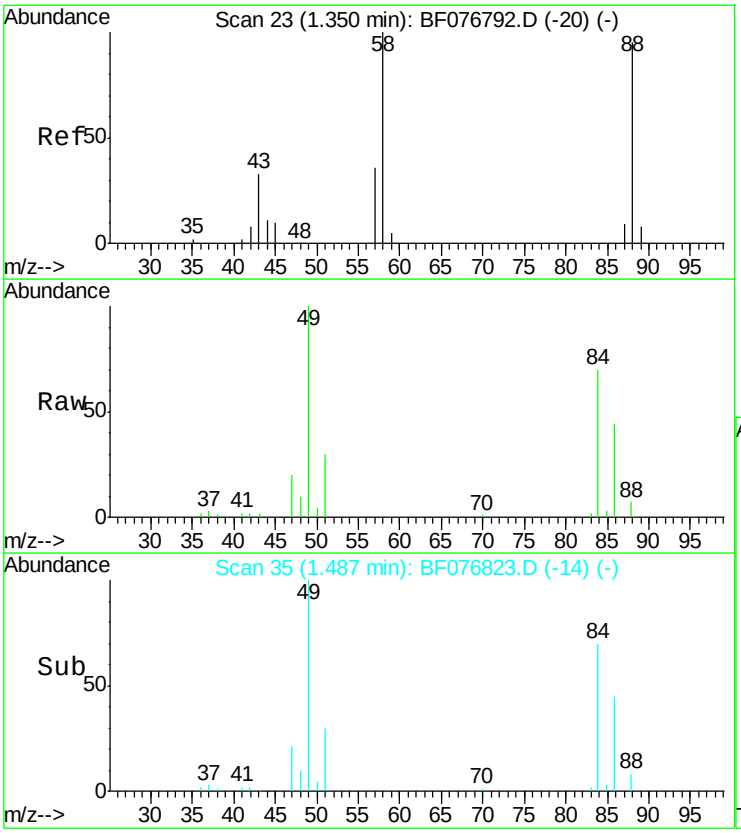
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:152 Resp: 38905

Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	61.4	54.6	81.8

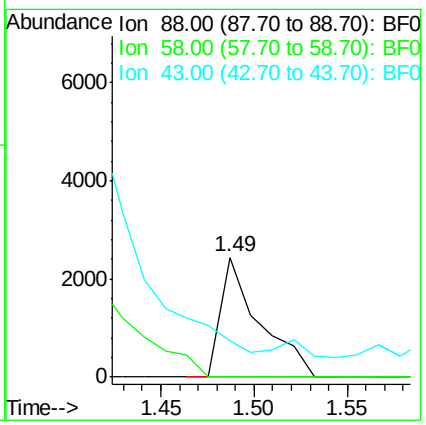


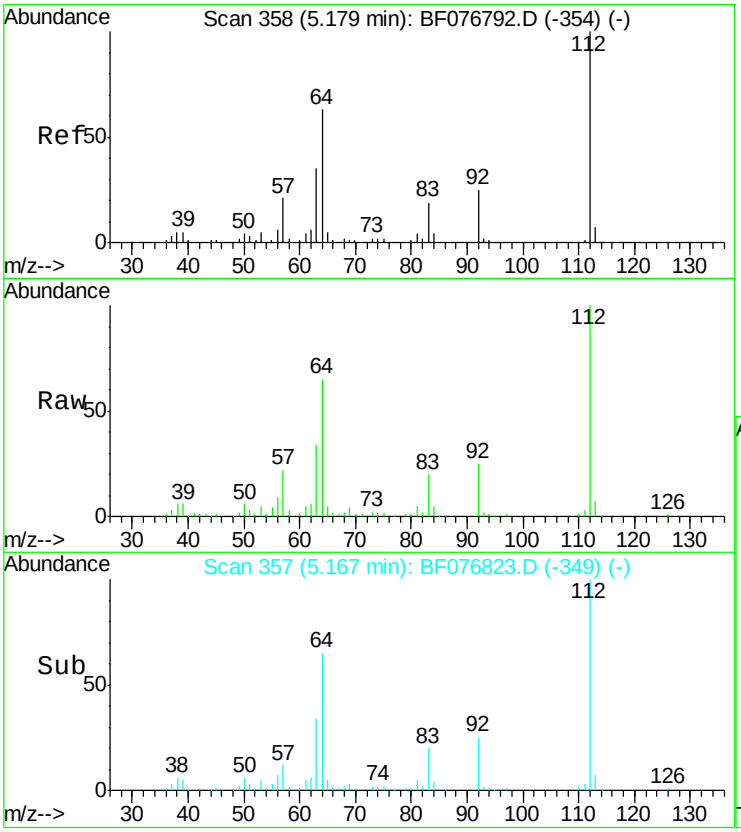


#2
1,4-Dioxane
Concen: 3.57 ng
RT: 1.49 min Scan# 35
Delta R.T. 0.14 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion: 88 Resp: 3554

Ion	Ratio	Lower	Upper
88	100		
58	0.0	72.4	108.6#
43	0.0	24.0	36.0#



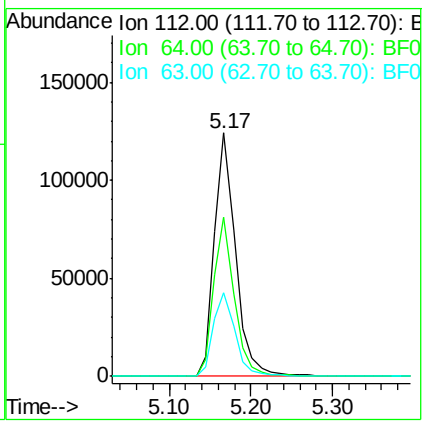


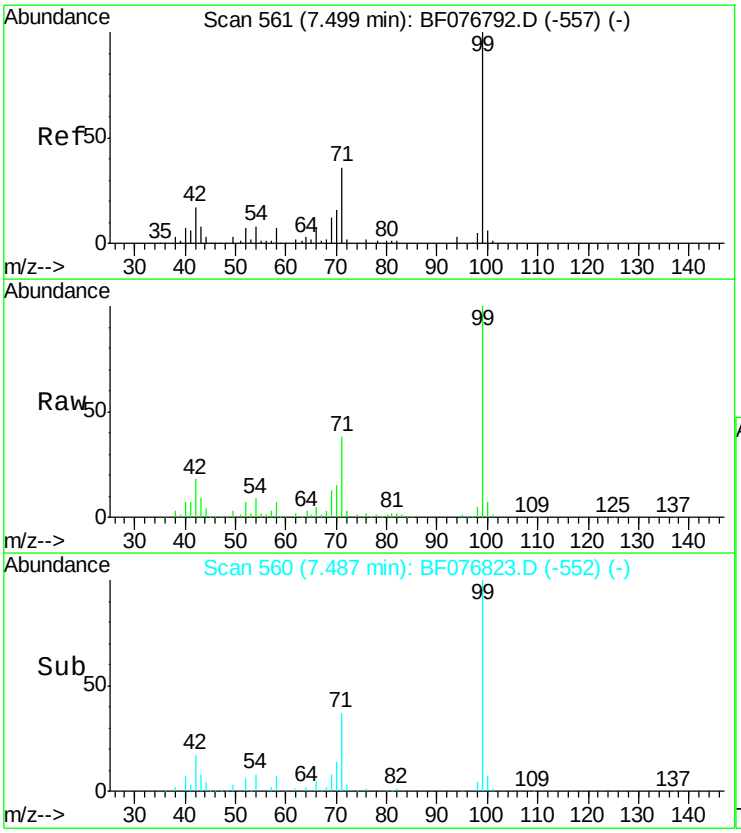
#5
2-Fluorophenol
Concen: 96.13 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:112 Resp: 224114

Ion	Ratio	Lower	Upper
112	100		
64	65.1	50.2	75.4
63	34.4	27.8	41.6

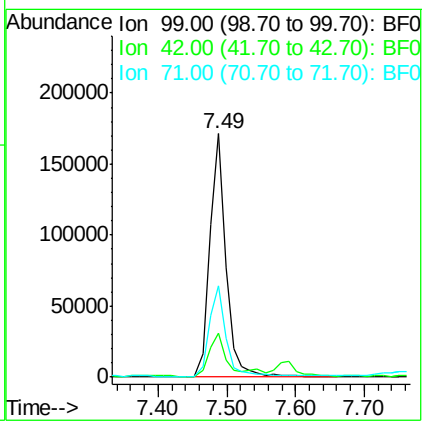


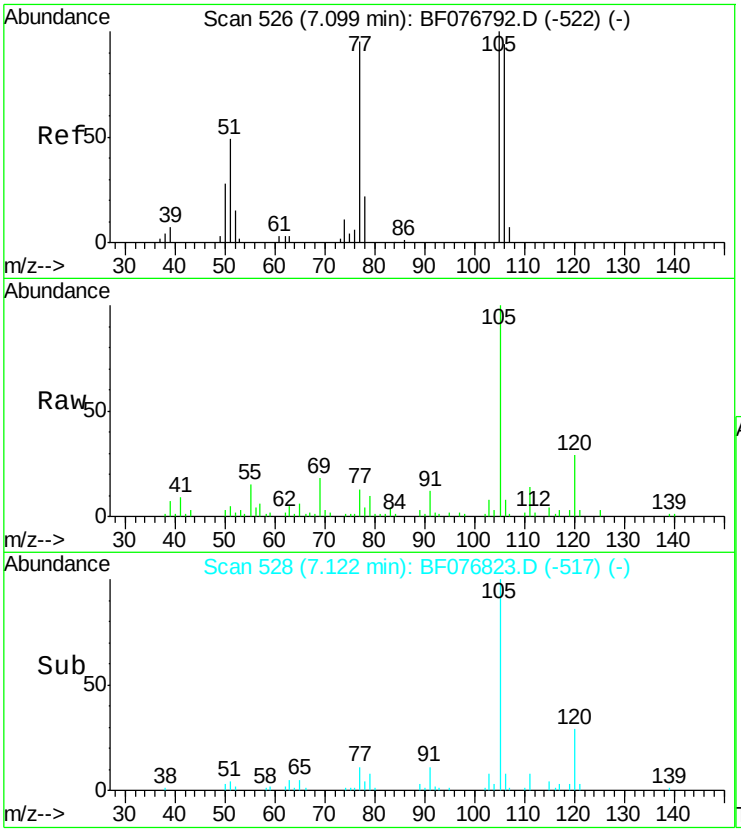


#7
Phenol-d6
Concen: 97.70 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion: 99 Resp: 286760

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.3	19.9
71	37.7	29.2	43.8



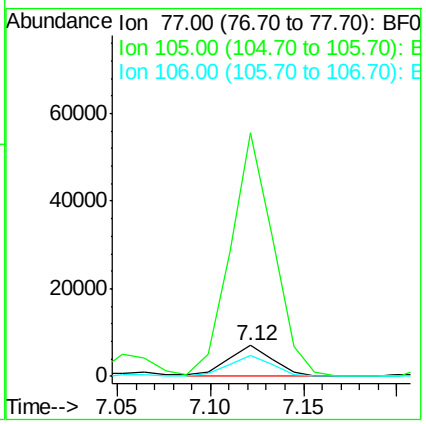


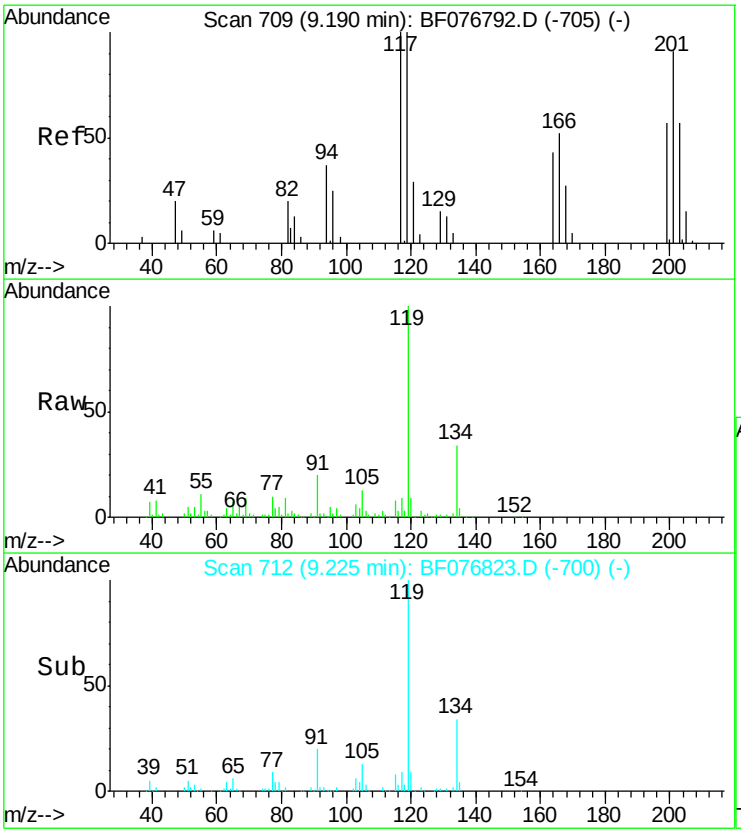
#9
Benzaldehyde
Concen: 6.63 ng
RT: 7.12 min Scan# 528
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 77 Resp: 11549

Ion	Ratio	Lower	Upper
77	100		
105	794.7	85.5	125.5#
106	66.5	79.0	119.0#

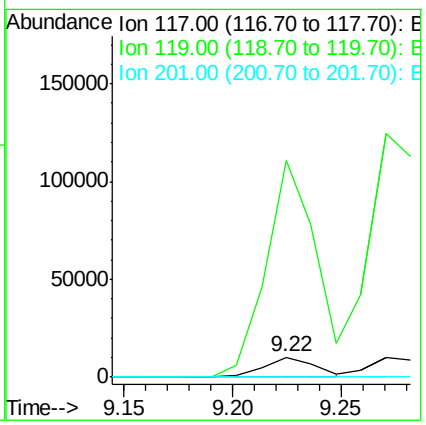


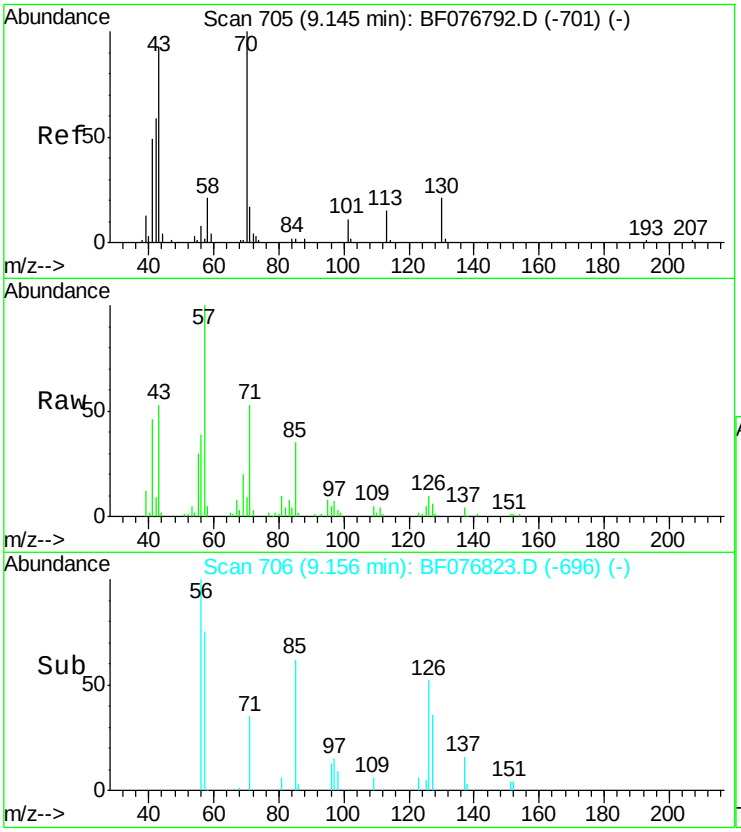


#18
Hexachloroethane
Concen: 14.06 ng
RT: 9.22 min Scan# 712
Delta R.T. 0.03 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:117 Resp: 16315

Ion	Ratio	Lower	Upper
117	100		
119	1101.0	80.0	120.0#
201	0.0	73.0	109.4#



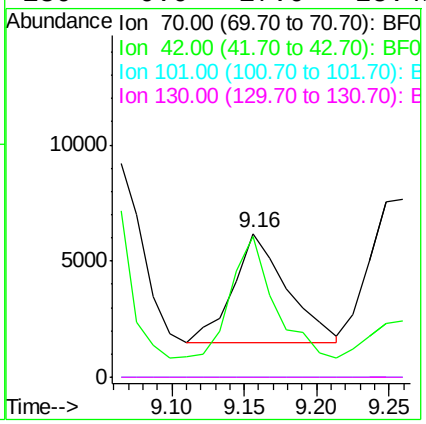


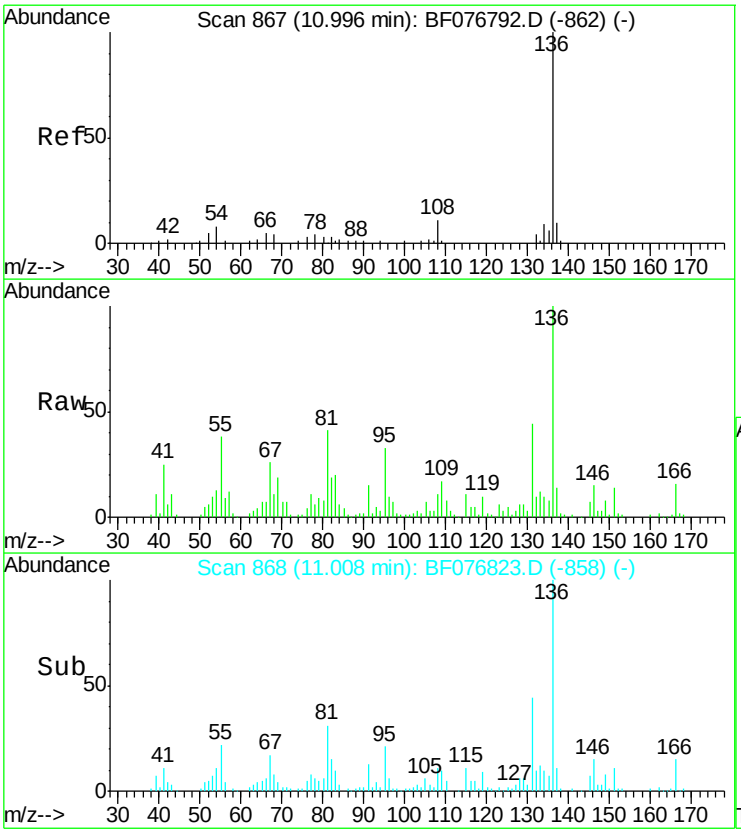
#19
n-Nitroso-di-n-propylamine
Concen: 5.79 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 70 Resp: 12080

Ion	Ratio	Lower	Upper
70	100		
42	98.1	47.1	70.7#
101	0.0	8.5	12.7#
130	0.0	17.0	25.4#

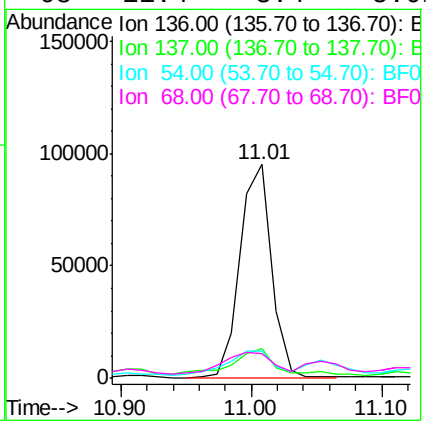


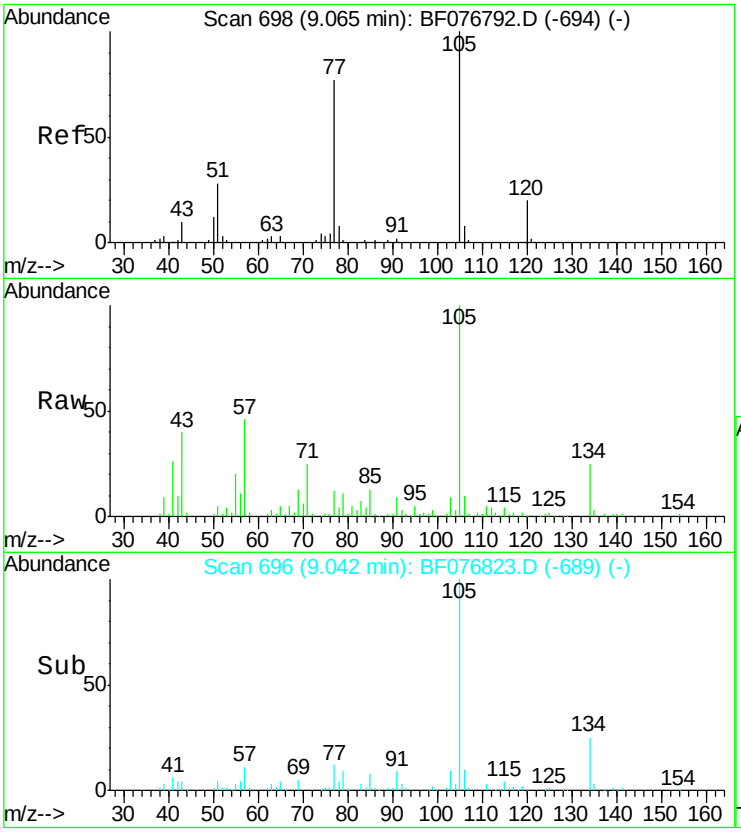


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:136 Resp: 160014

Ion	Ratio	Lower	Upper
136	100		
137	14.0	8.1	12.1#
54	12.8	6.3	9.5#
68	11.4	3.4	5.0#



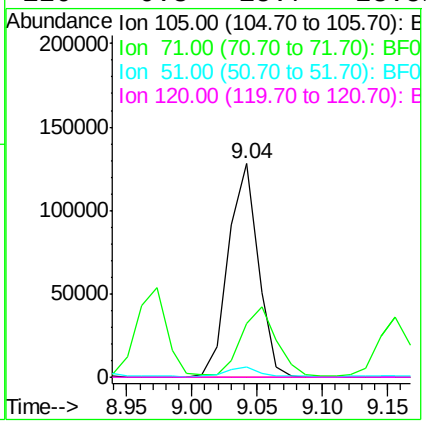


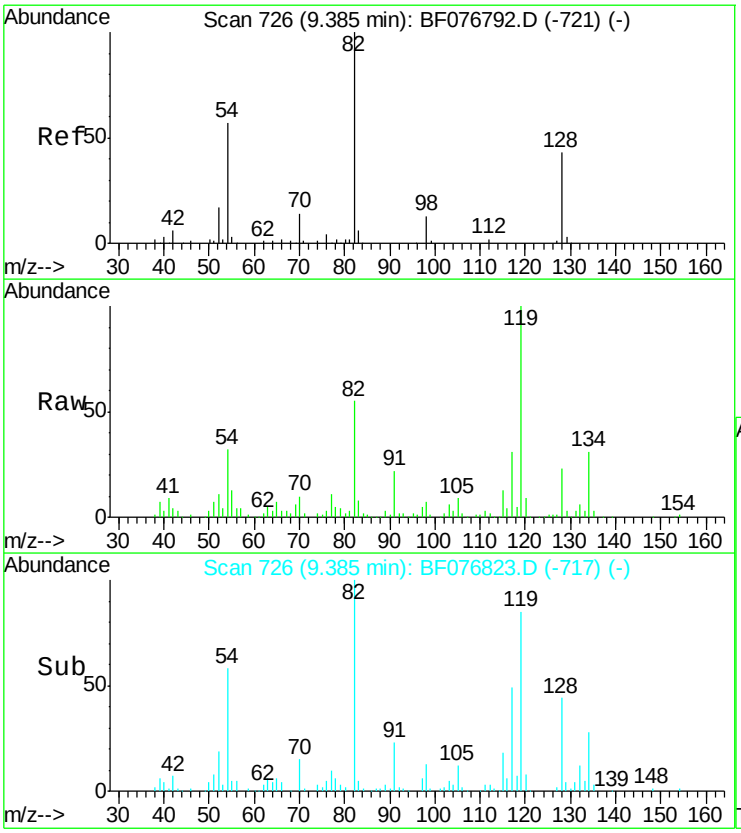
#22
Acetophenone
Concen: 51.69 ng
RT: 9.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:105 Resp: 203270

Ion	Ratio	Lower	Upper
105	100		
71	25.1	0.0	0.0#
51	4.7	22.2	33.2#
120	0.3	15.7	23.5#

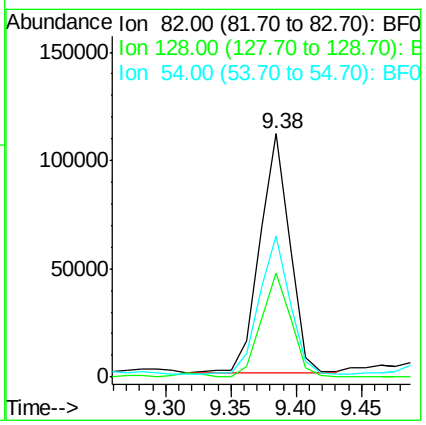


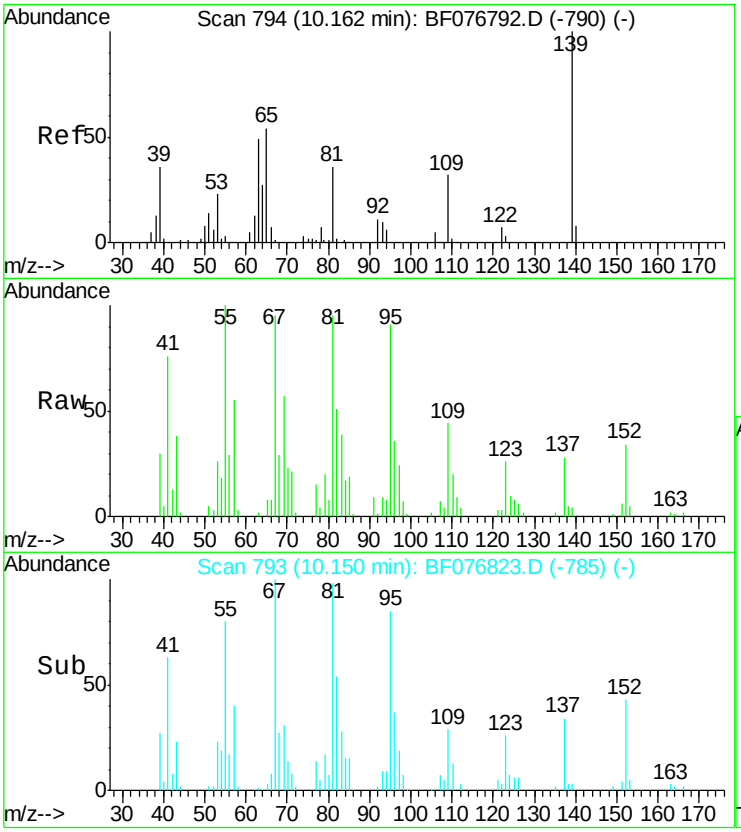


#23
Nitrobenzene-d5
Concen: 61.19 ng
RT: 9.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion: 82 Resp: 176190

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	57.8	45.6	68.4



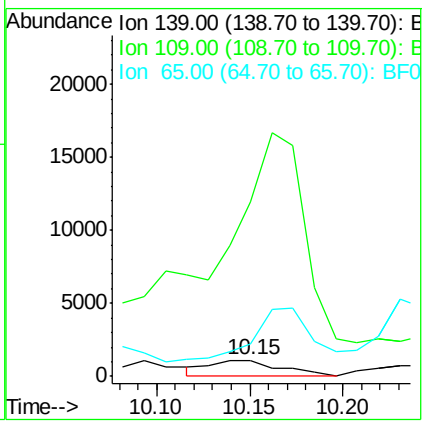


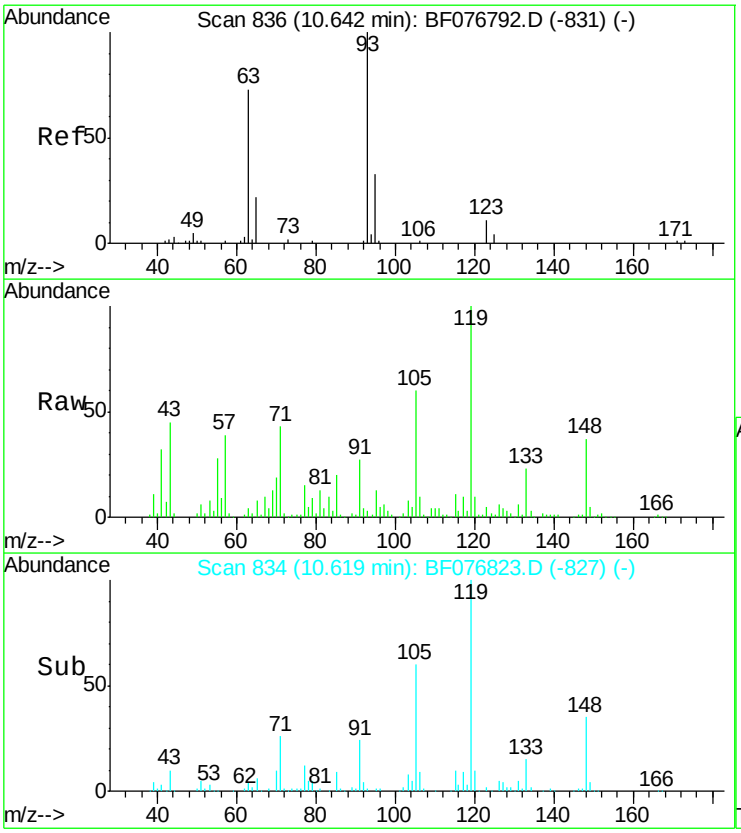
#26
2-Nitrophenol
Concen: 2.14 ng
RT: 10.15 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:139 Resp: 2984

Ion	Ratio	Lower	Upper
139	100		
109	1073.8	25.4	38.0#
65	196.1	43.0	64.4#

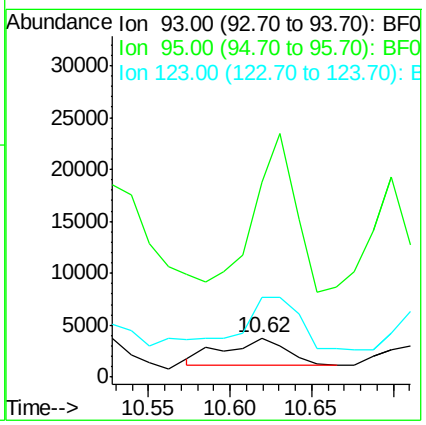


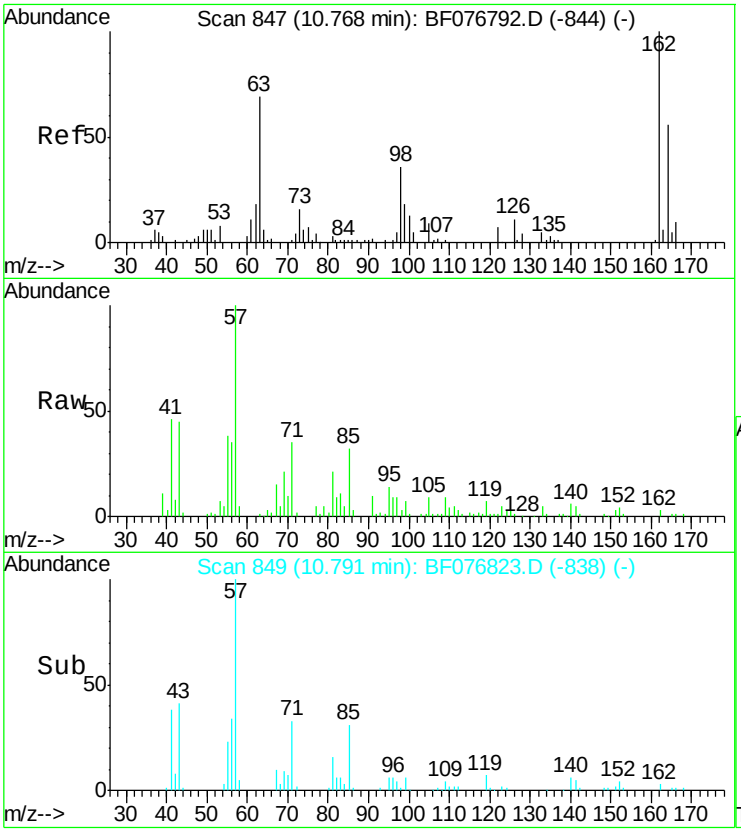


#28
bis(2-Chloroethoxy)methane
Concen: 2.31 ng
RT: 10.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion: 93 Resp: 7097

Ion	Ratio	Lower	Upper
93	100		
95	496.2	26.1	39.1#
123	201.5	9.0	13.6#



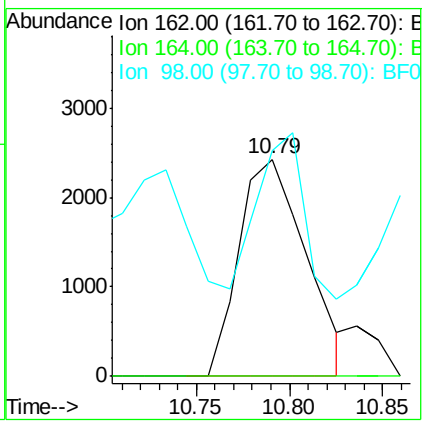


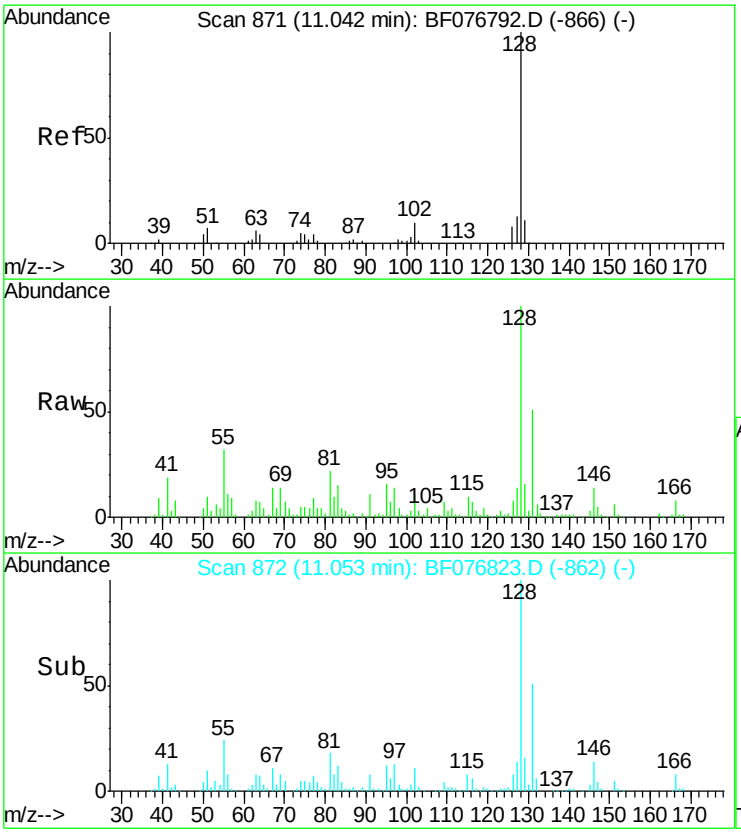
#29
2,4-Dichlorophenol
Concen: 2.83 ng
RT: 10.79 min Scan# 849
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:162 Resp: 6079

Ion	Ratio	Lower	Upper
162	100		
164	0.0	36.4	76.4#
98	103.7	16.1	56.1#

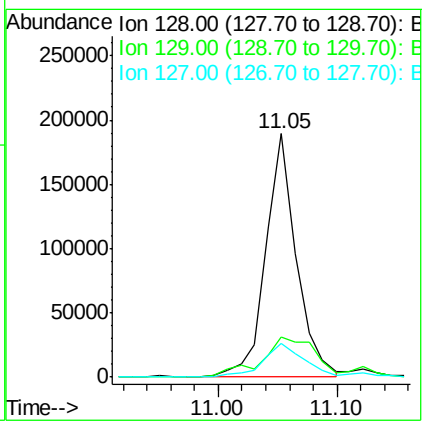


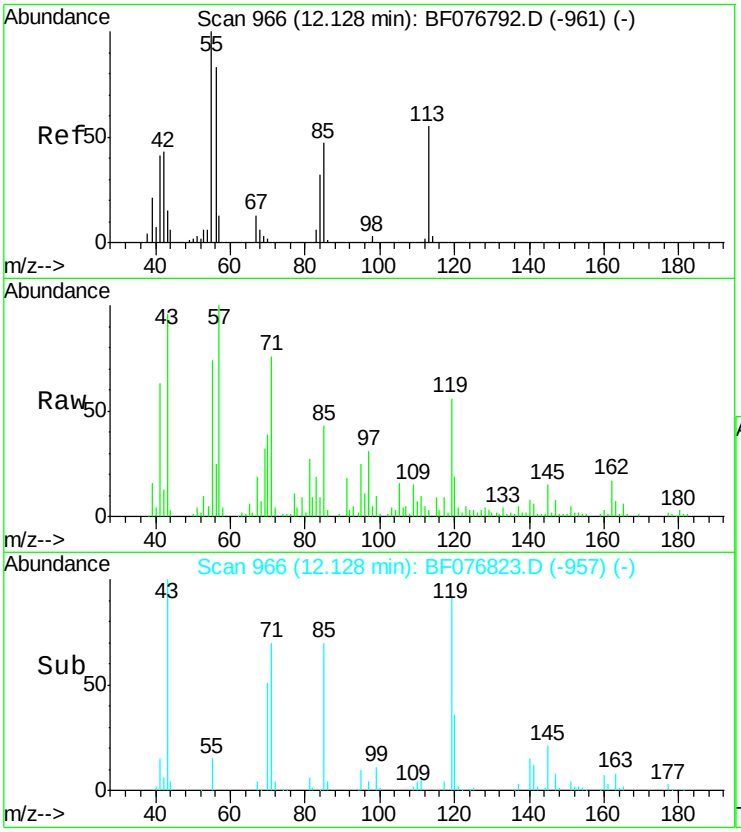


#31
Naphthalene
Concen: 41.57 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:128 Resp: 341223

Ion	Ratio	Lower	Upper
128	100		
129	16.3	8.6	13.0#
127	14.0	10.1	15.1



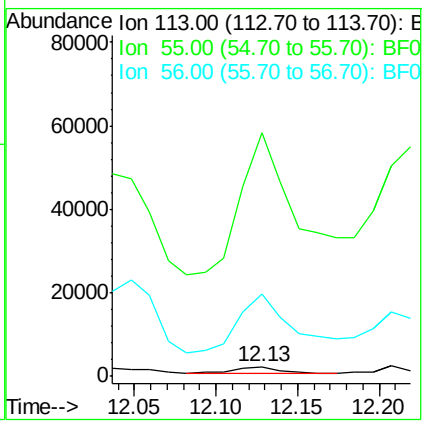


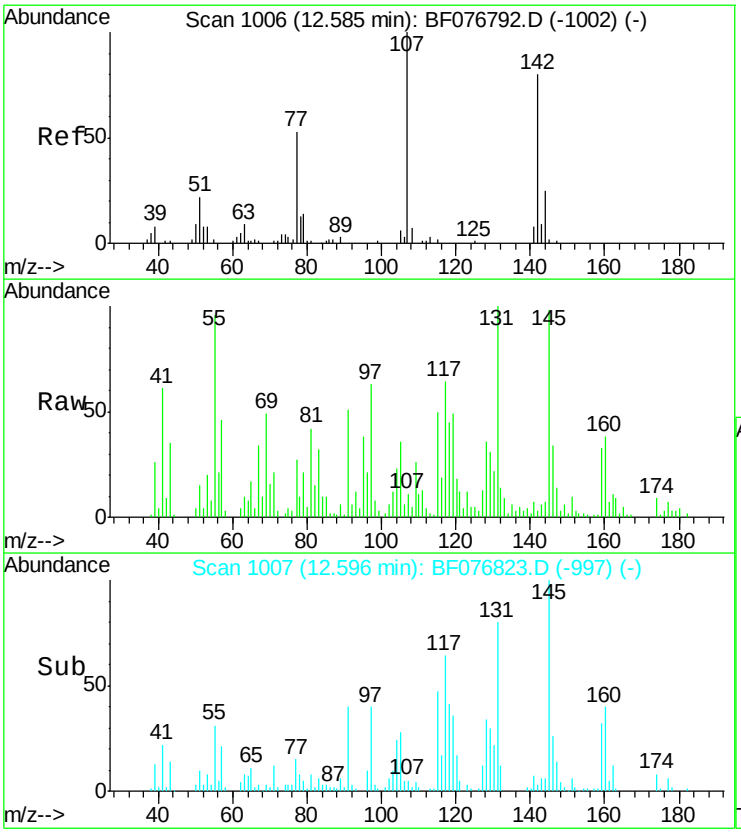
#35
Caprolactam
Concen: 5.18 ng
RT: 12.13 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:113 Resp: 3306

Ion	Ratio	Lower	Upper
113	100		
55	2452.5	173.2	213.2#
56	826.9	137.6	177.6#

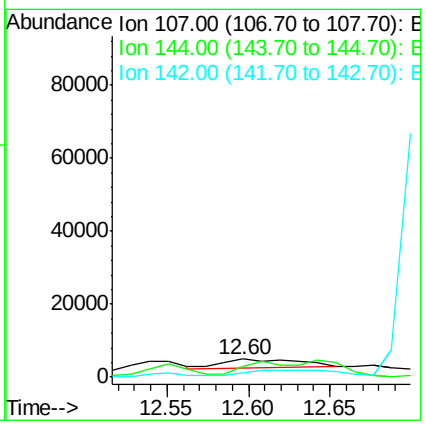


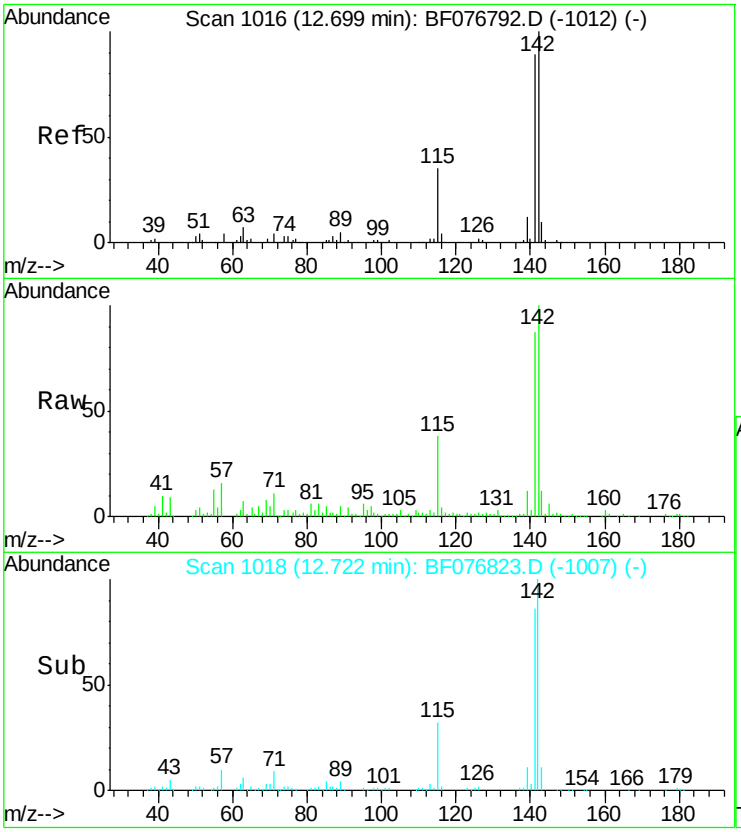


#36
4-Chloro-3-methylphenol
Concen: 3.47 ng
RT: 12.60 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:107 Resp: 8276

Ion	Ratio	Lower	Upper
107	100		
144	59.6	19.8	29.8#
142	23.8	64.0	96.0#



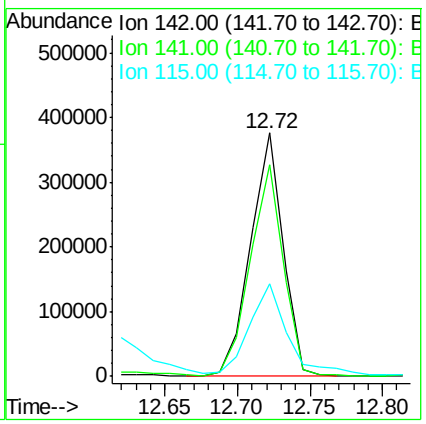


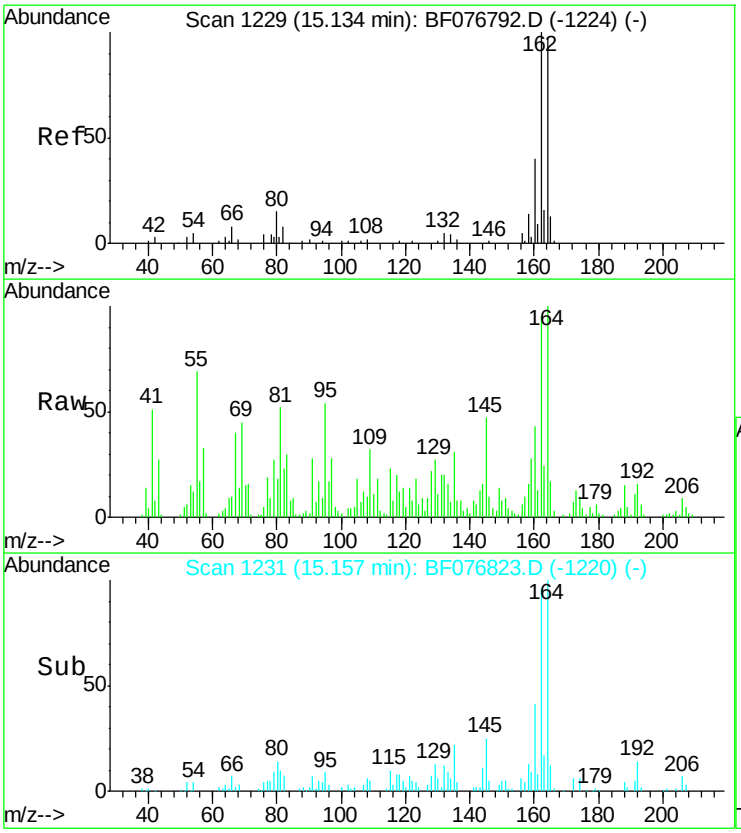
#37
2-Methylnaphthalene
Concen: 101.35 ng
RT: 12.72 min Scan# 1018
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:142 Resp: 583814

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.0	106.4
115	37.9	28.2	42.2

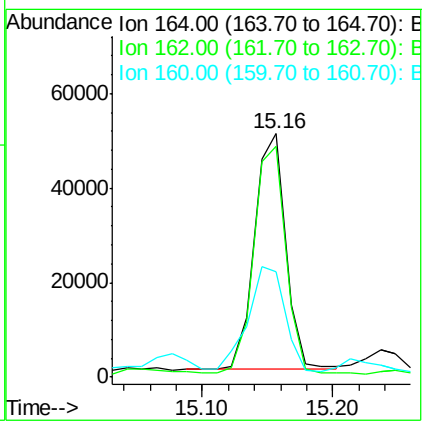


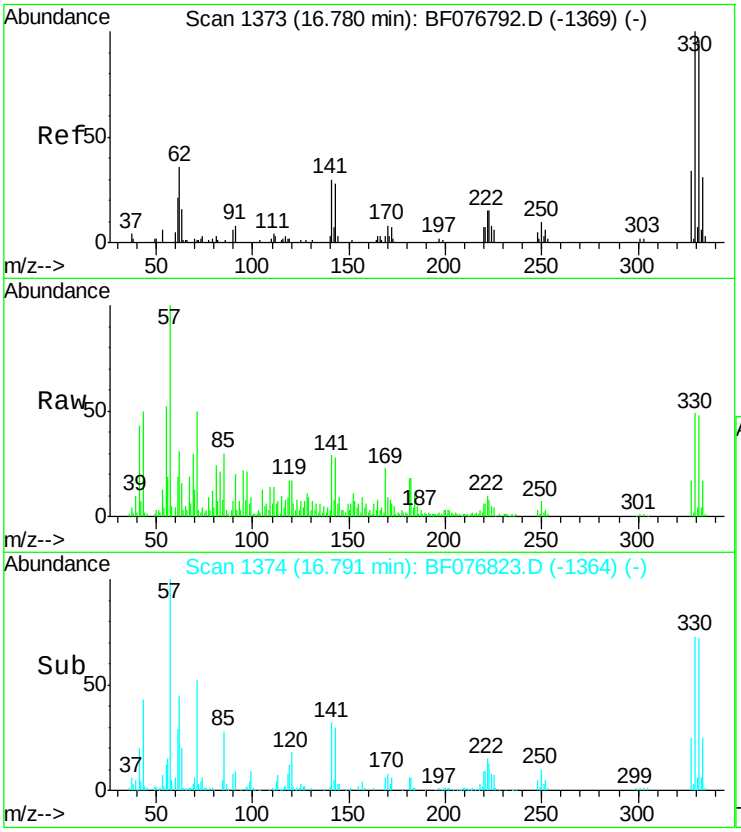


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:164 Resp: 83788

Ion	Ratio	Lower	Upper
164	100		
162	95.0	82.5	123.7
160	43.3	33.1	49.7



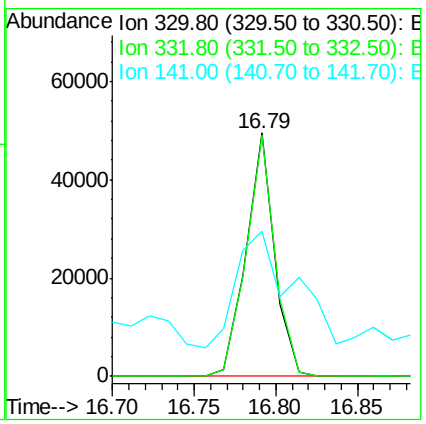


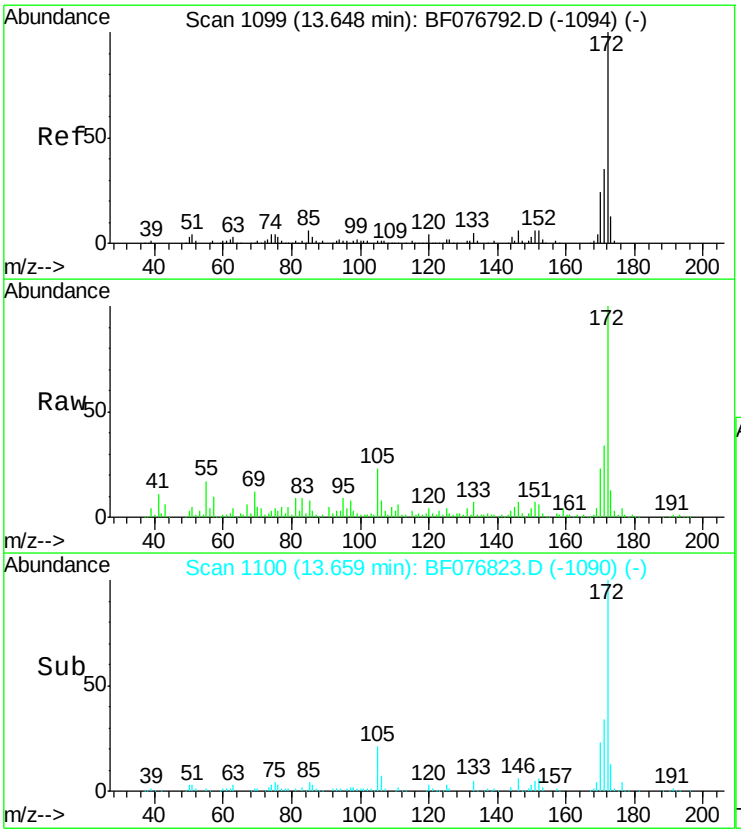
#41
2,4,6-Tribromophenol
Concen: 85.12 ng
RT: 16.79 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:330 Resp: 59527

Ion	Ratio	Lower	Upper
330	100		
332	100.4	74.8	112.2
141	96.9	42.4	63.6#

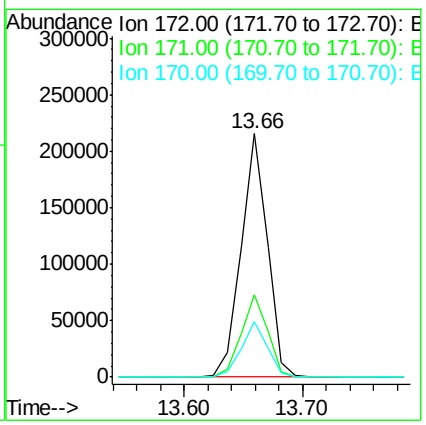


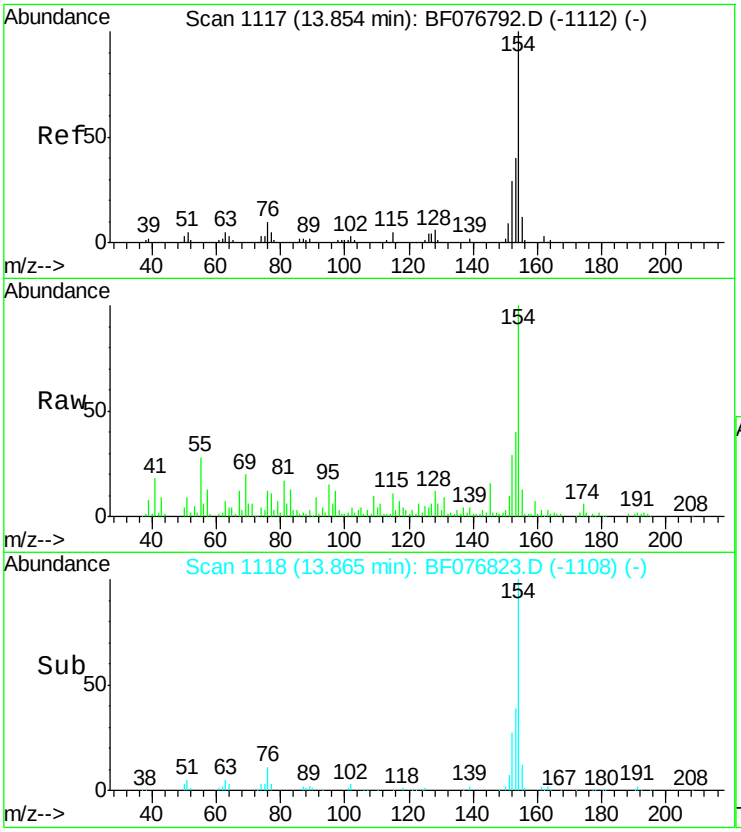


#44
2-Fluorobiphenyl
Concen: 58.42 ng
RT: 13.66 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:172 Resp: 332566

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.8	41.8
170	22.8	18.8	28.2



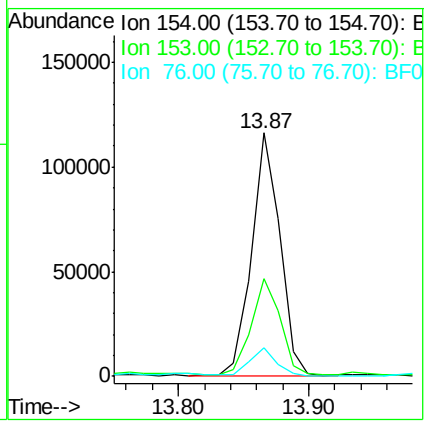


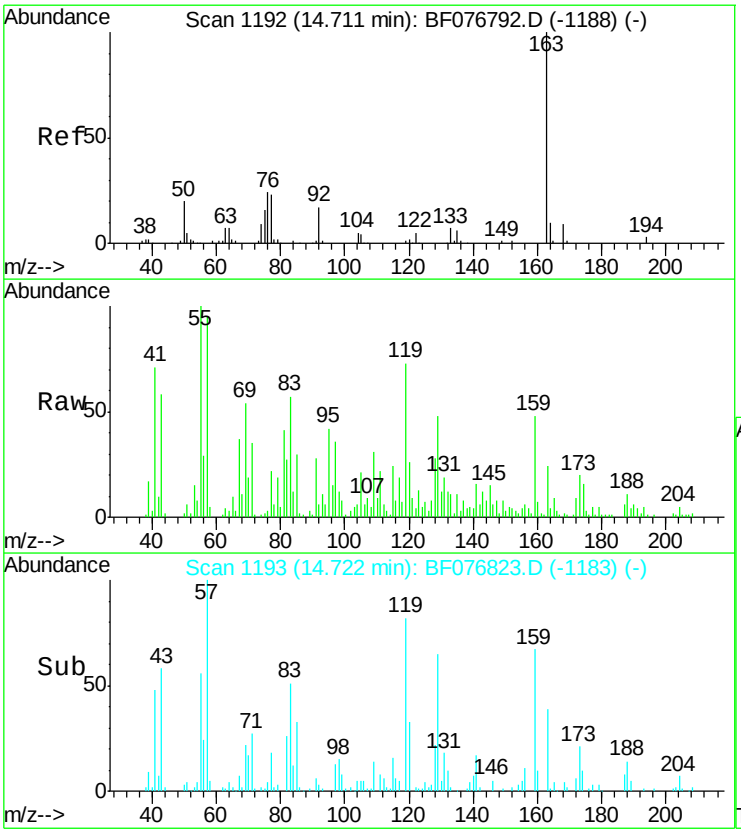
#45
1,1'-Biphenyl
Concen: 27.01 ng
RT: 13.87 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:154 Resp: 174026

Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.9	59.9
76	11.7	0.0	29.9

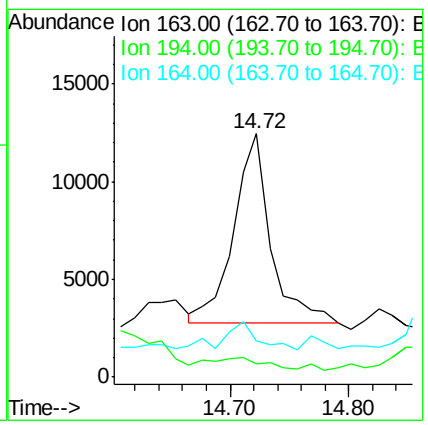


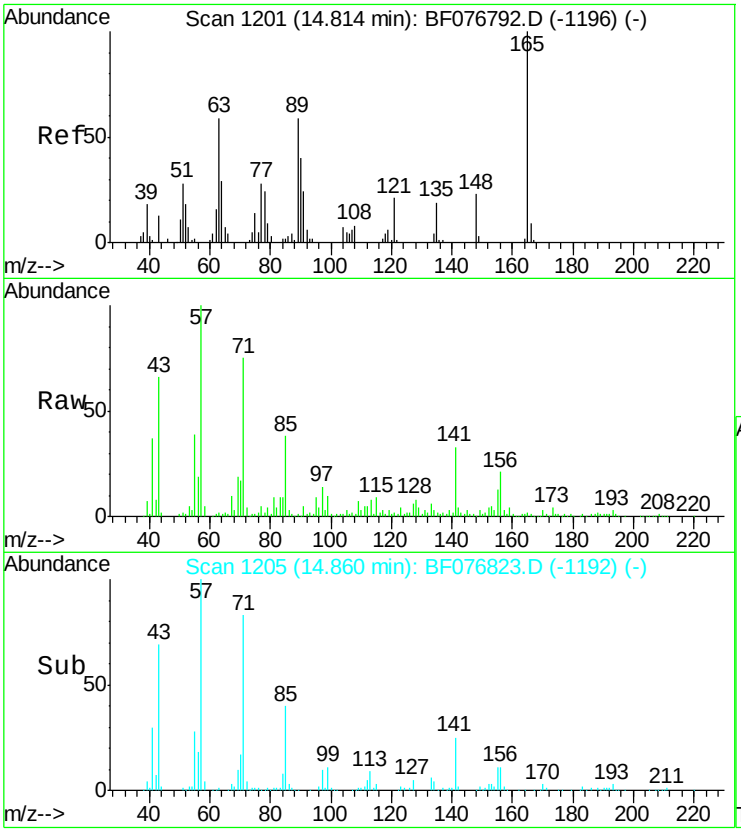


#49
Dimethylphthalate
Concen: 3.44 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:163 Resp: 20937

Ion	Ratio	Lower	Upper
163	100		
194	5.6	2.3	3.5#
164	15.0	8.3	12.5#



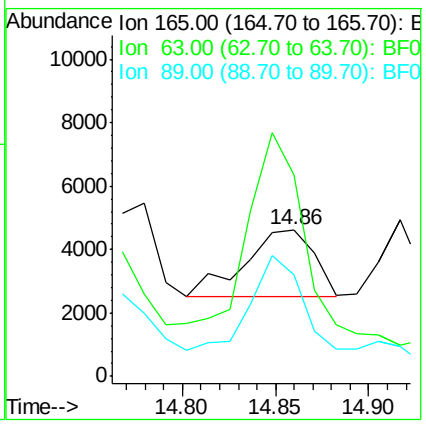


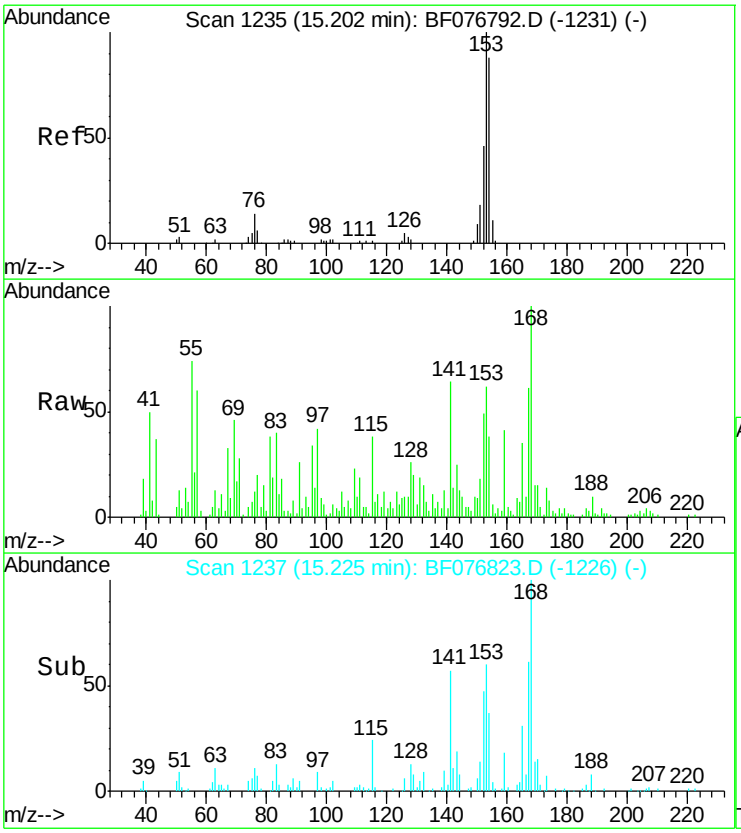
#50
2,6-Dinitrotoluene
Concen: 4.32 ng
RT: 14.86 min Scan# 1205
Delta R.T. 0.05 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:165 Resp: 5576

Ion	Ratio	Lower	Upper
165	100		
63	137.6	49.8	74.8#
89	69.2	46.8	70.2

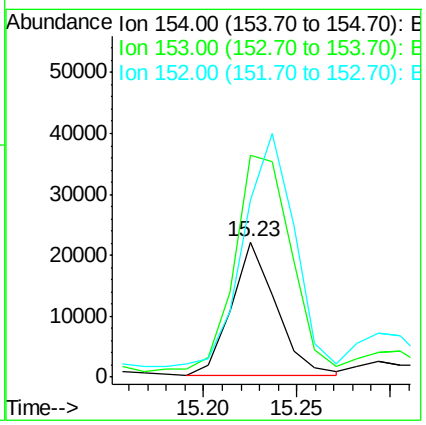


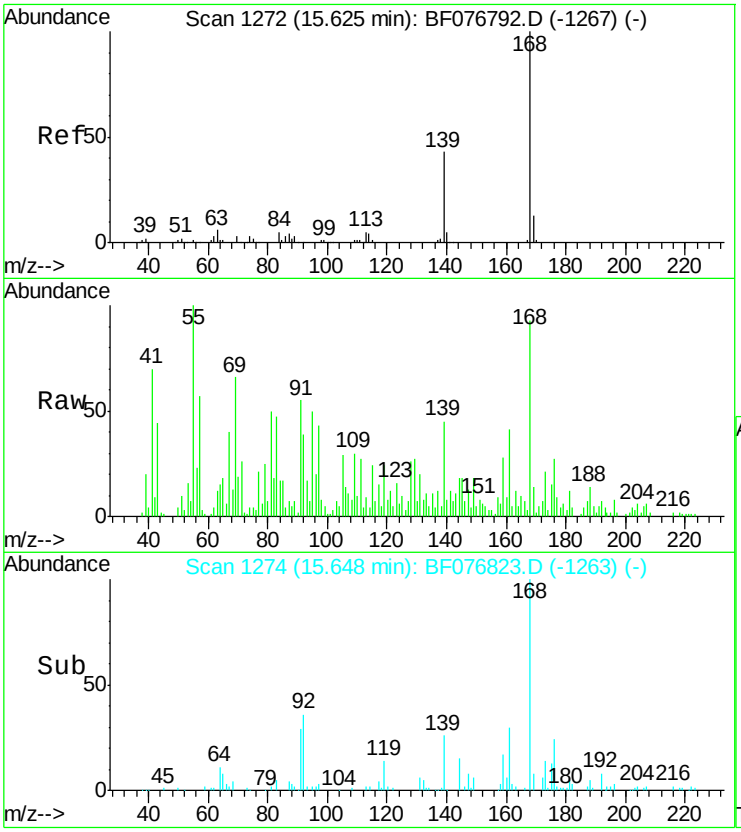


#51
Acenaphthene
Concen: 7.31 ng
RT: 15.23 min Scan# 1237
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:154 Resp: 36234

Ion	Ratio	Lower	Upper
154	100		
153	164.2	91.0	136.6#
152	131.0	42.2	63.2#



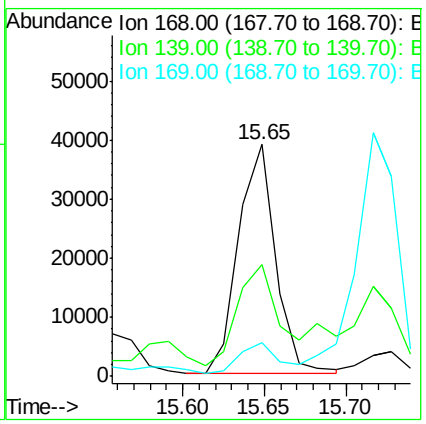


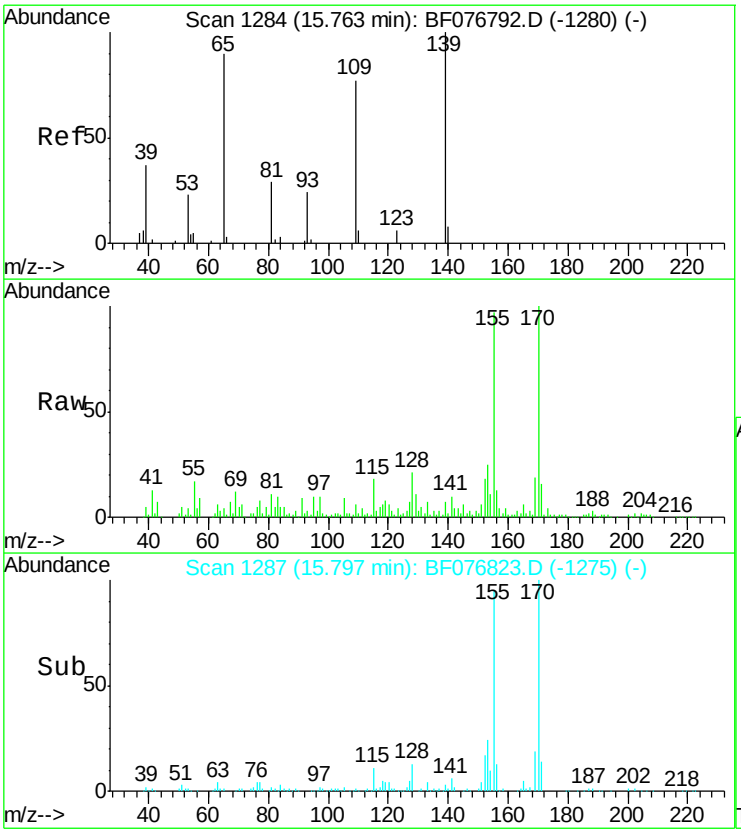
#54
Dibenzofuran
Concen: 8.38 ng
RT: 15.65 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:168 Resp: 60770

Ion	Ratio	Lower	Upper
168	100		
139	48.4	34.2	51.4
169	14.8	10.5	15.7

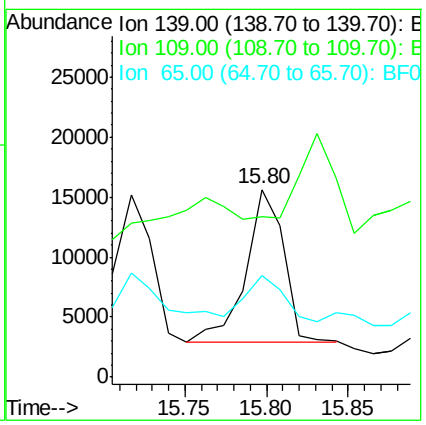


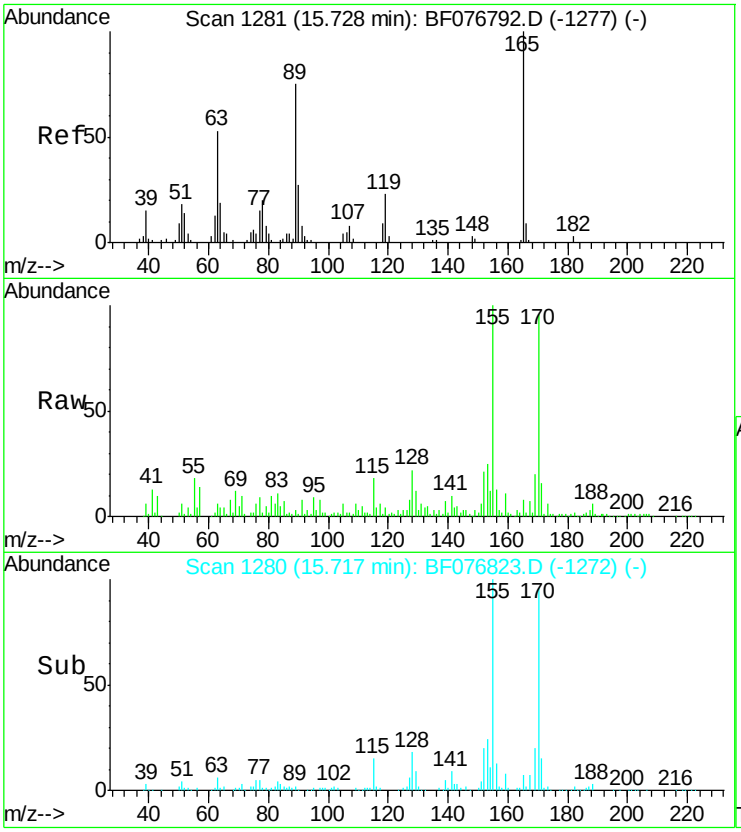


#55
4-Nitrophenol
Concen: 21.74 ng
RT: 15.80 min Scan# 1287
Delta R.T. 0.03 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:139 Resp: 20653

Ion	Ratio	Lower	Upper
139	100		
109	85.3	57.5	97.5
65	54.2	77.3	117.3#



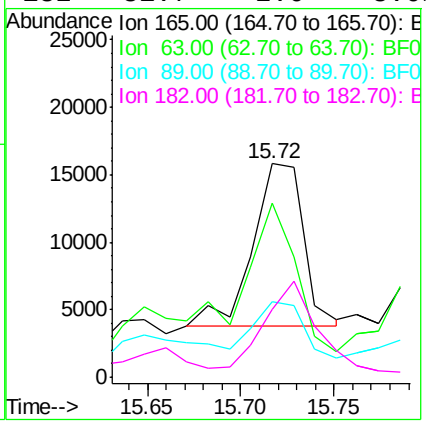


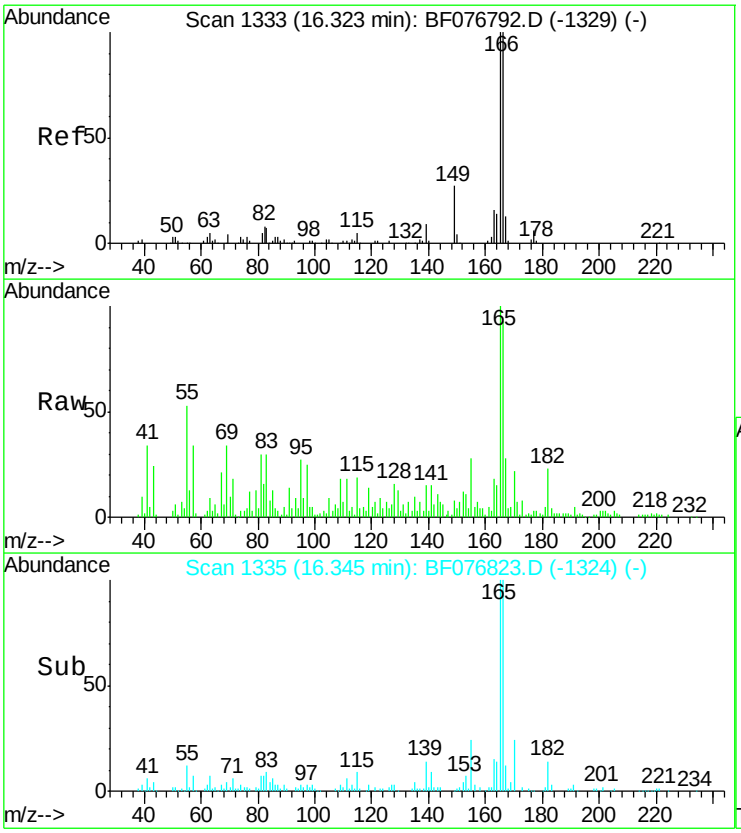
#56
2,4-Dinitrotoluene
Concen: 13.67 ng
RT: 15.72 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:165 Resp: 22541

Ion	Ratio	Lower	Upper
165	100		
63	81.6	42.5	63.7#
89	35.6	60.2	90.2#
182	31.7	2.0	3.0#

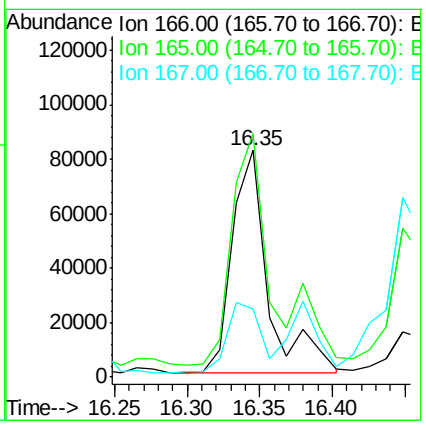


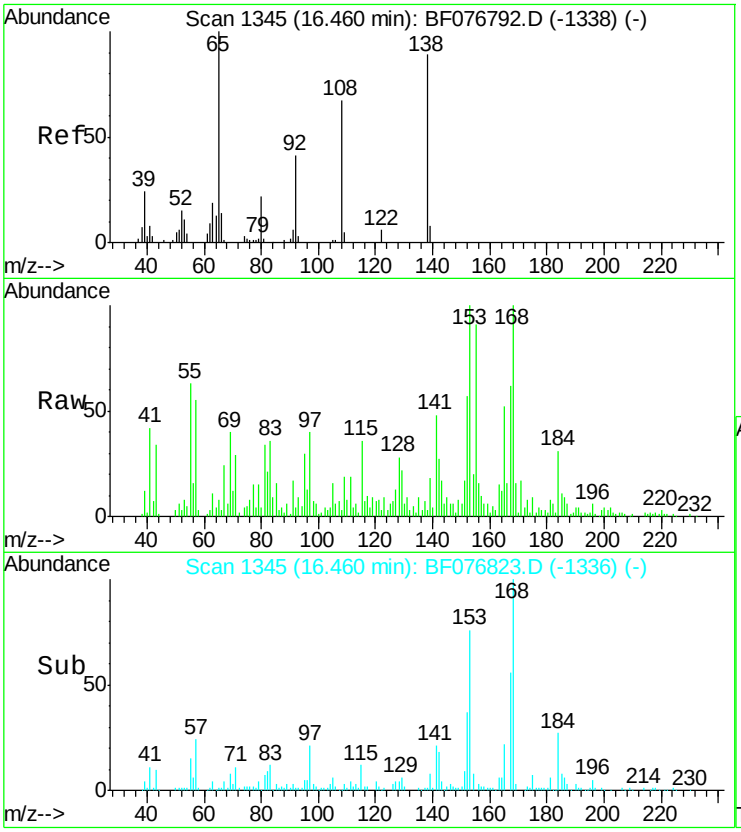


#57
Fluorene
Concen: 23.12 ng
RT: 16.35 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:166 Resp: 139992

Ion	Ratio	Lower	Upper
166	100		
165	107.5	79.6	119.4
167	30.3	10.2	15.2#



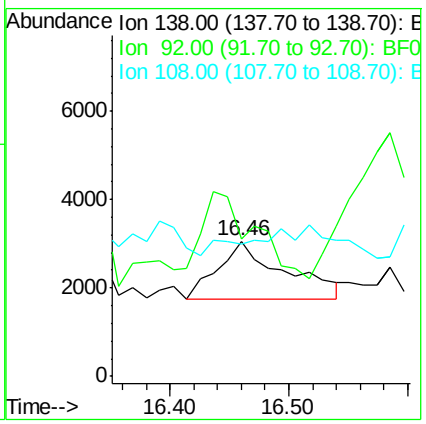


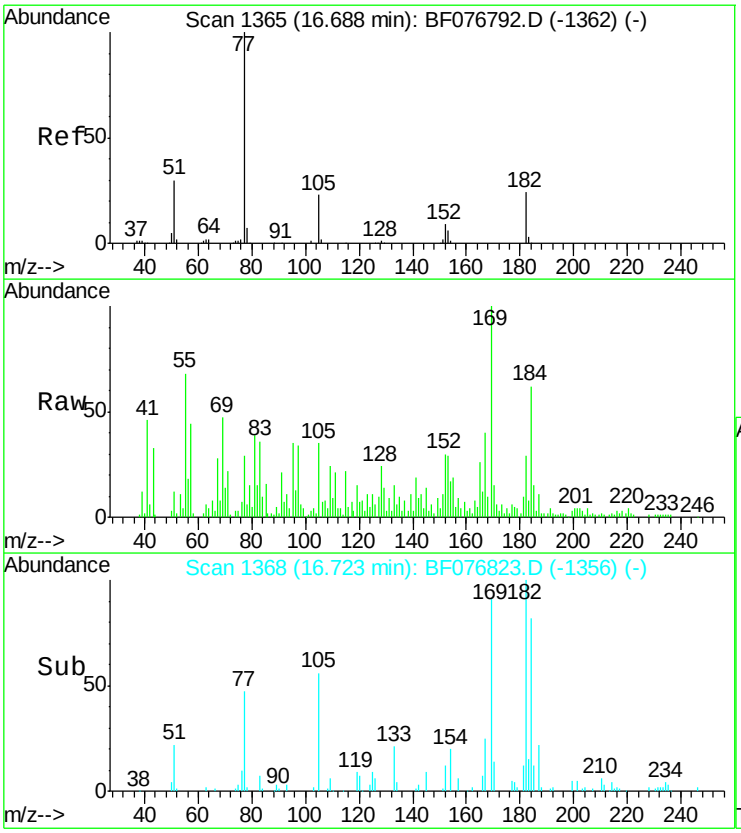
#61
4-Nitroaniline
Concen: 3.72 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:138 Resp: 5078

Ion	Ratio	Lower	Upper
138	100		
92	101.6	26.3	66.3#
108	97.6	54.5	94.5#

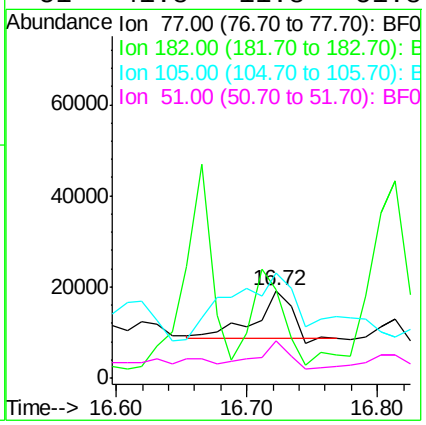


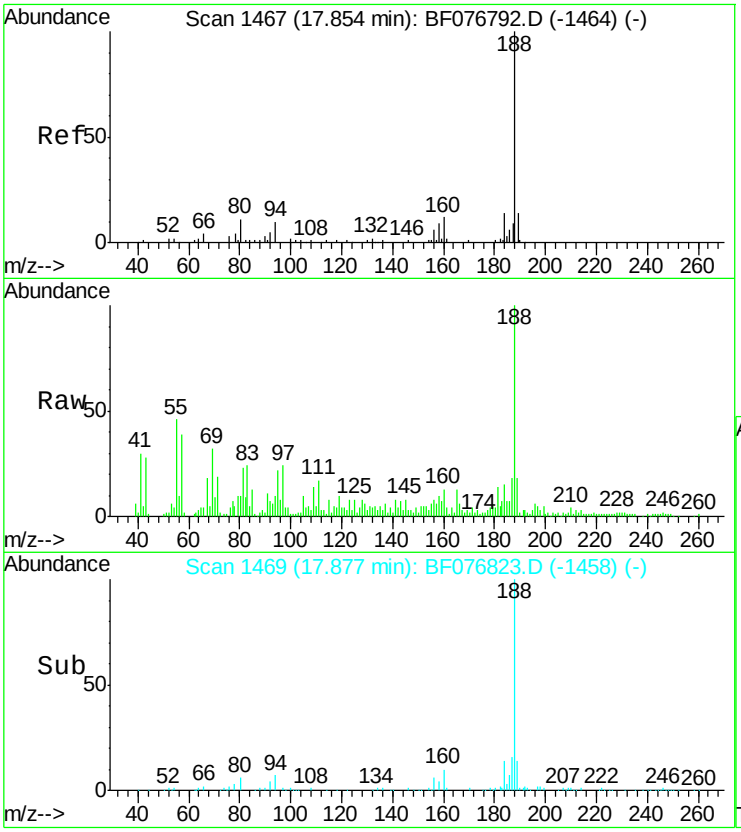


#62
Azobenzene
Concen: 2.92 ng
RT: 16.72 min Scan# 1368
Delta R.T. 0.03 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion: 77 Resp: 18792

Ion	Ratio	Lower	Upper
77	100		
182	100.8	3.7	43.7#
105	119.7	2.7	42.7#
51	41.8	11.8	51.8



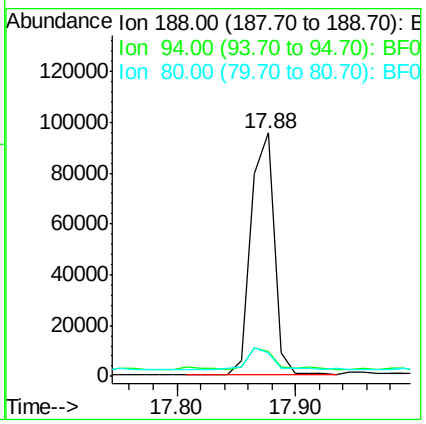


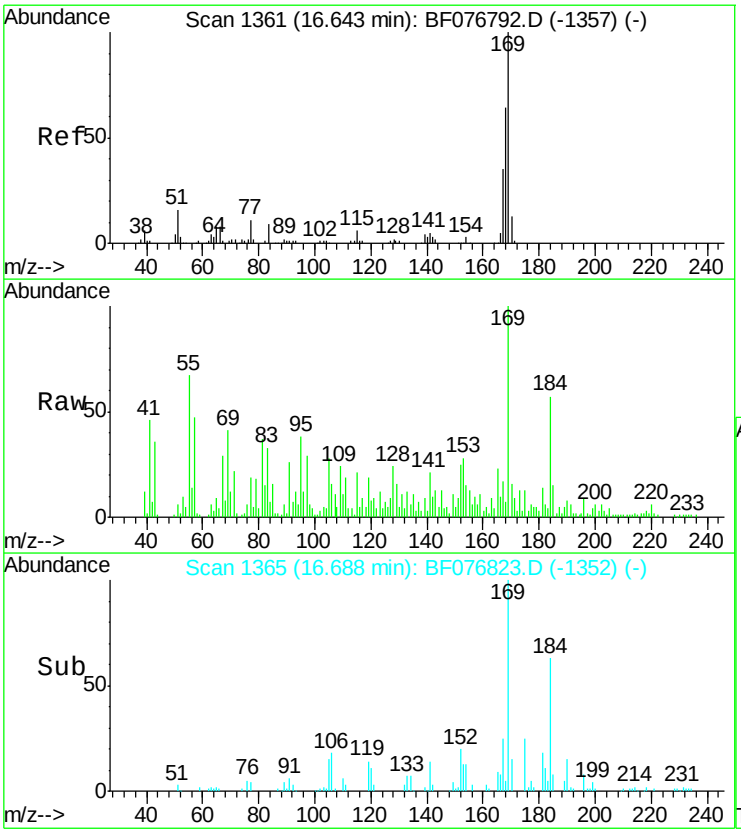
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 1469
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:188 Resp: 131008

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	9.6	8.6	13.0

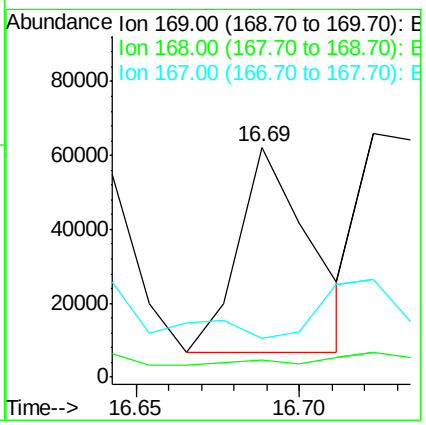


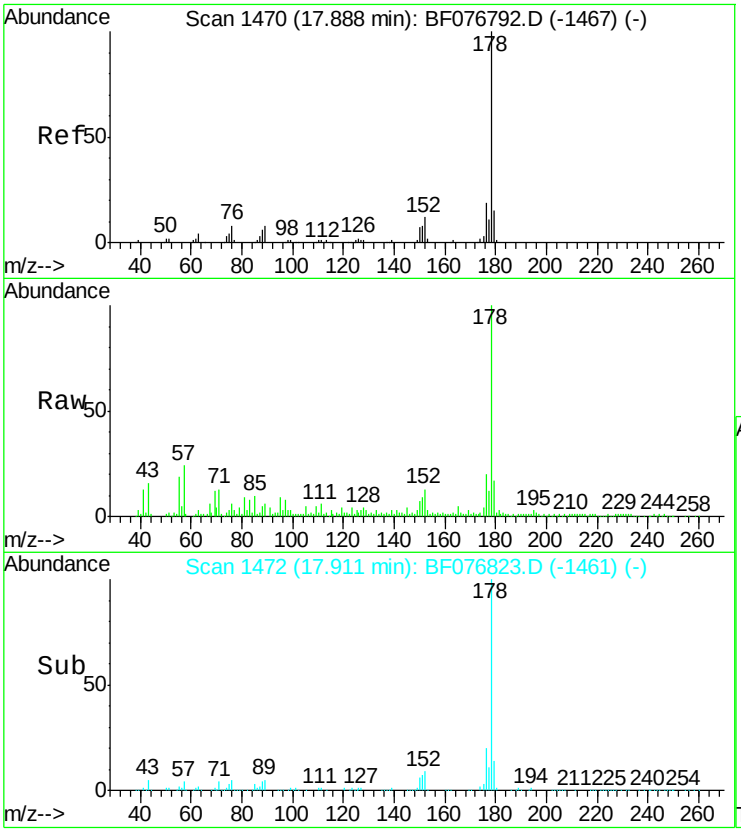


#65
n-Nitrosodiphenylamine
Concen: 17.56 ng
RT: 16.69 min Scan# 1365
Delta R.T. 0.05 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:169 Resp: 83535

Ion	Ratio	Lower	Upper
169	100		
168	7.5	51.2	76.8#
167	17.1	28.2	42.2#



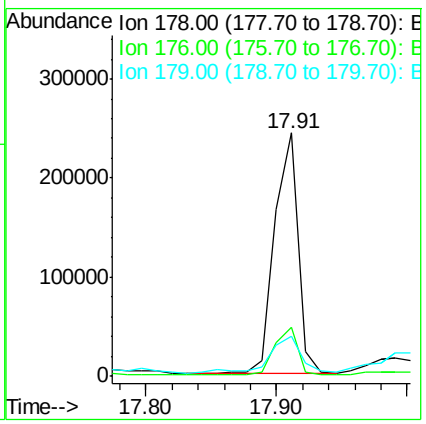


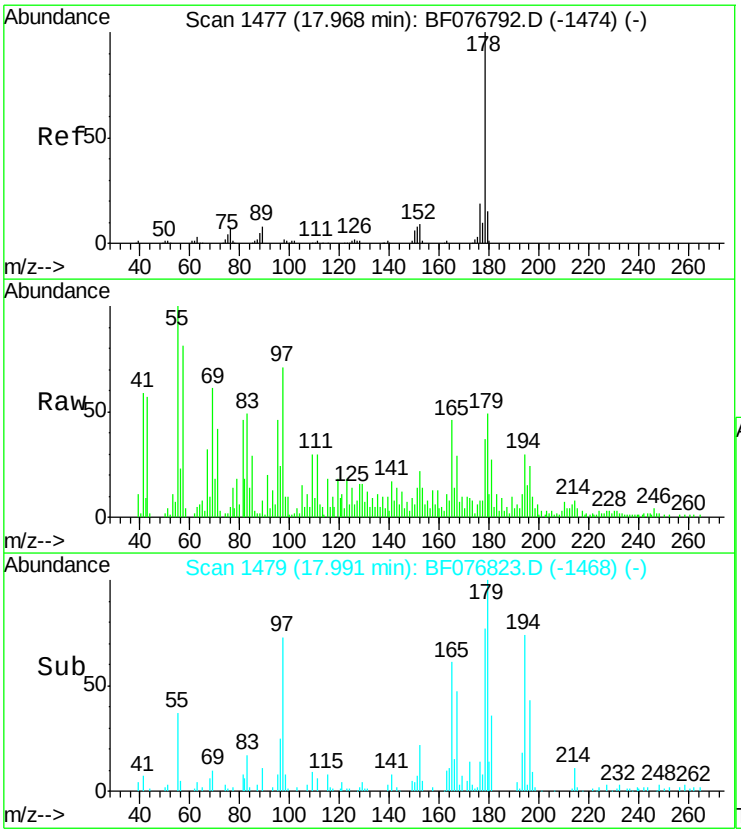
#70
Phenanthrene
Concen: 37.81 ng
RT: 17.91 min Scan# 1472
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:178 Resp: 308712

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.2	22.8
179	16.6	11.8	17.8

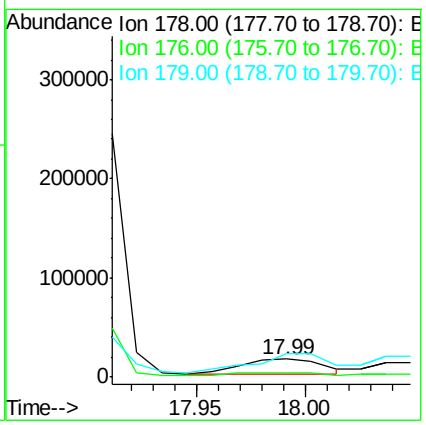


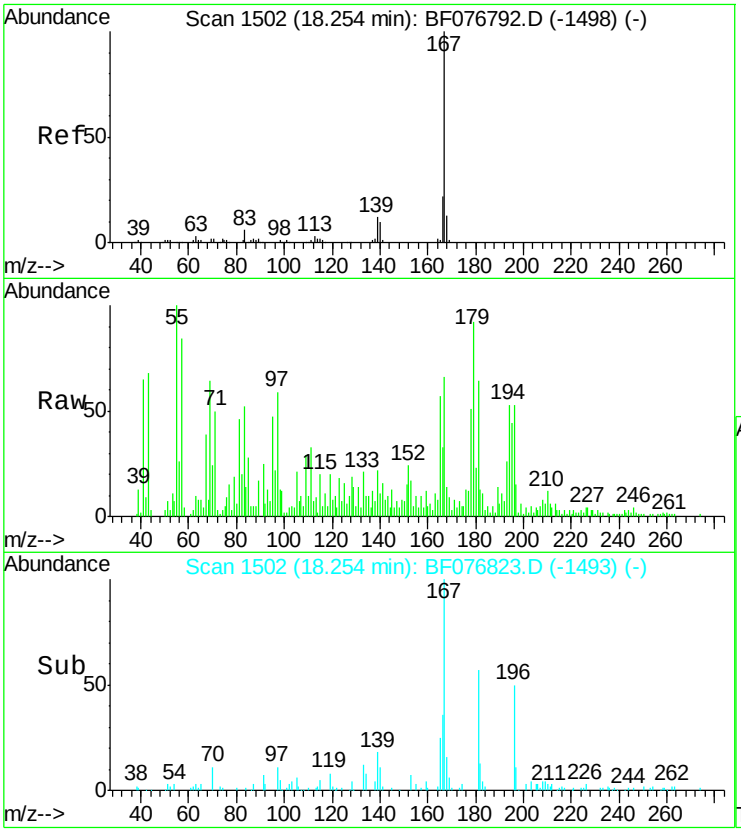


#71
Anthracene
Concen: 4.72 ng
RT: 17.99 min Scan# 1479
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:178 Resp: 37413

Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.3	22.9
179	131.1	12.2	18.4#



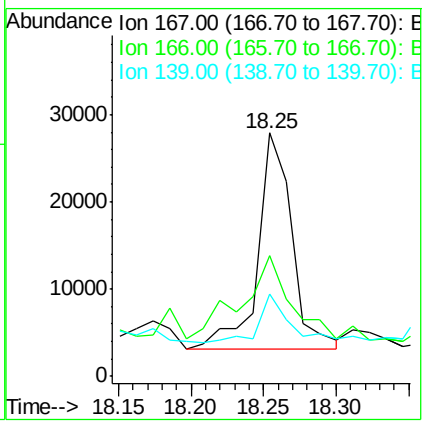


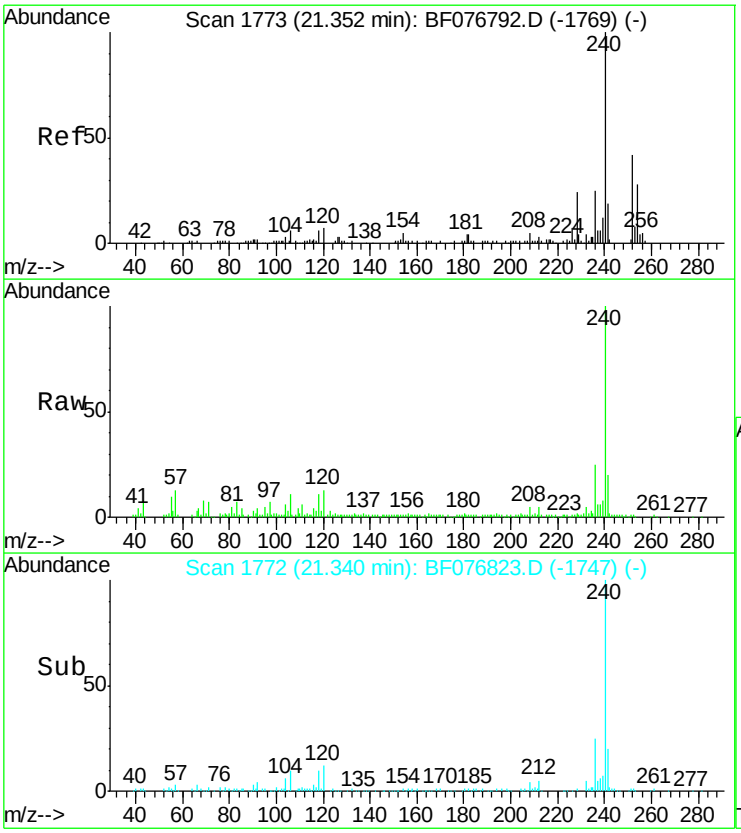
#72
Carbazole
Concen: 5.20 ng
RT: 18.25 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:167 Resp: 40409

Ion	Ratio	Lower	Upper
167	100		
166	49.4	17.2	25.8#
139	33.9	10.0	15.0#

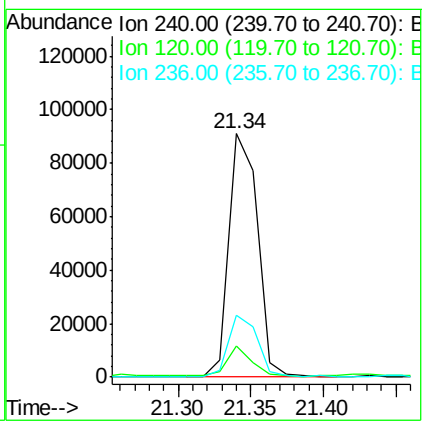


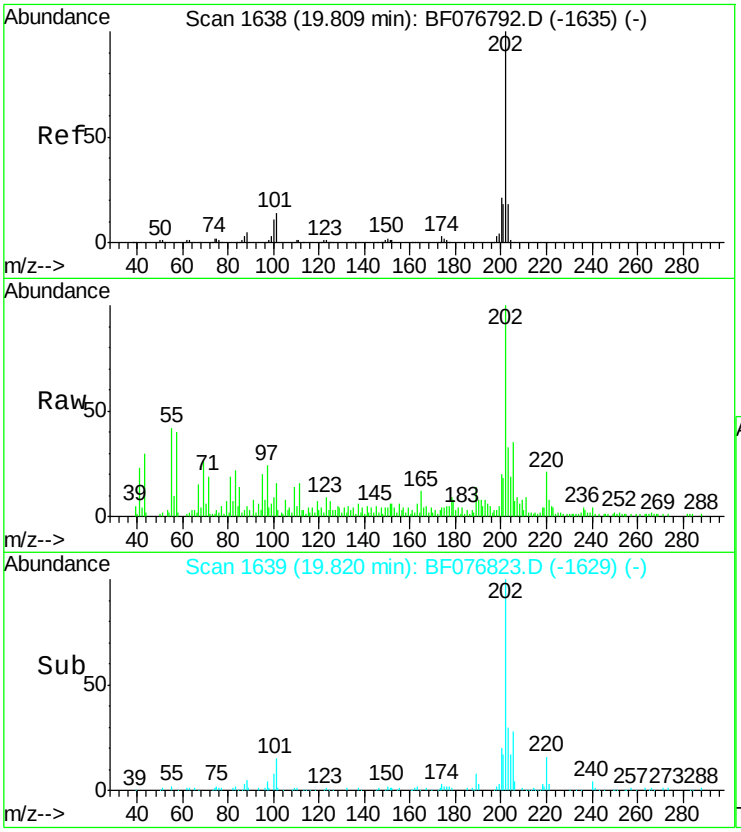


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:240 Resp: 124926

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.7	8.5#
236	25.4	19.7	29.5



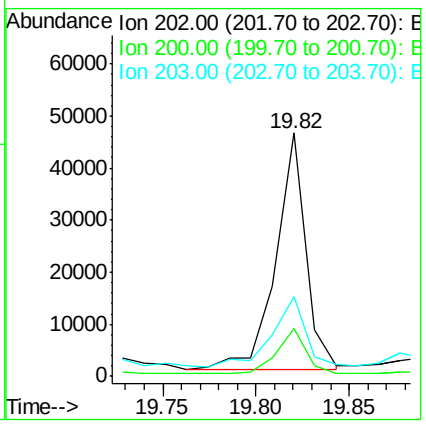


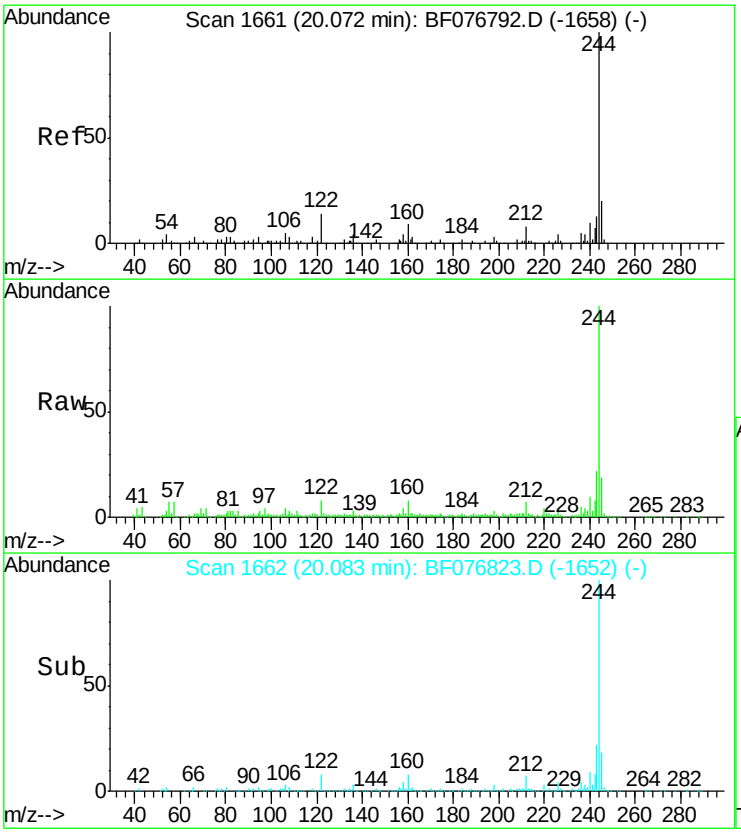
#77
Pyrene
Concen: 5.65 ng
RT: 19.82 min Scan# 1639
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:202 Resp: 50744

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	25.0
203	32.9	14.6	22.0#

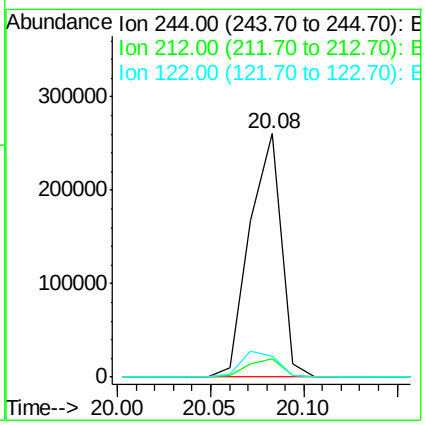


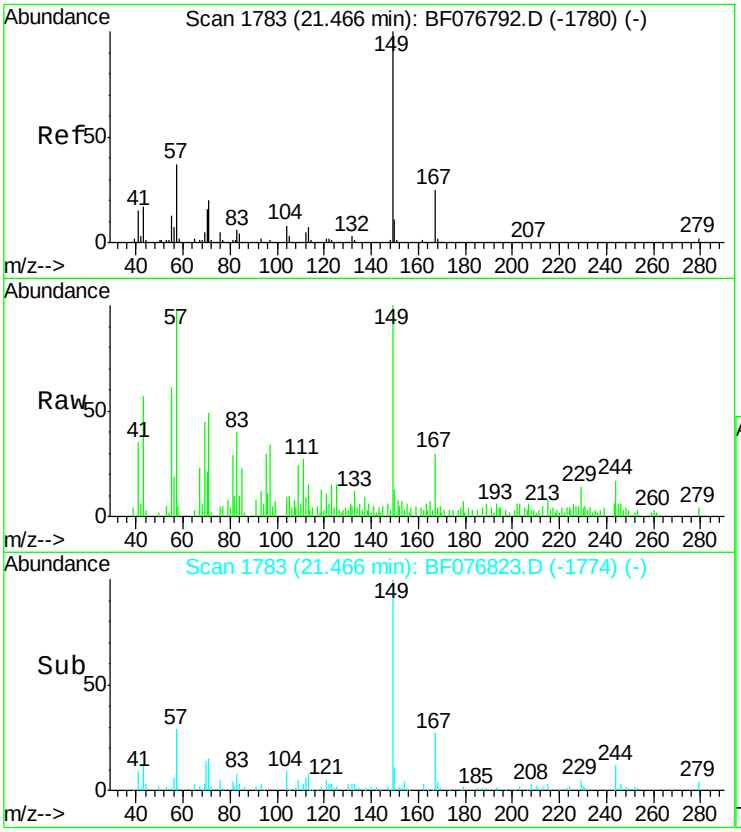


#78
Terphenyl-d14
Concen: 54.71 ng
RT: 20.08 min Scan# 1662
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:244 Resp: 311316

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	8.4	11.3	16.9#



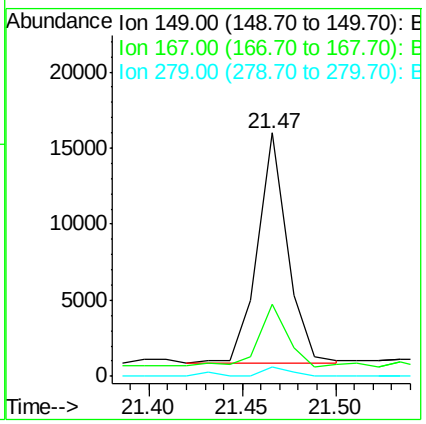


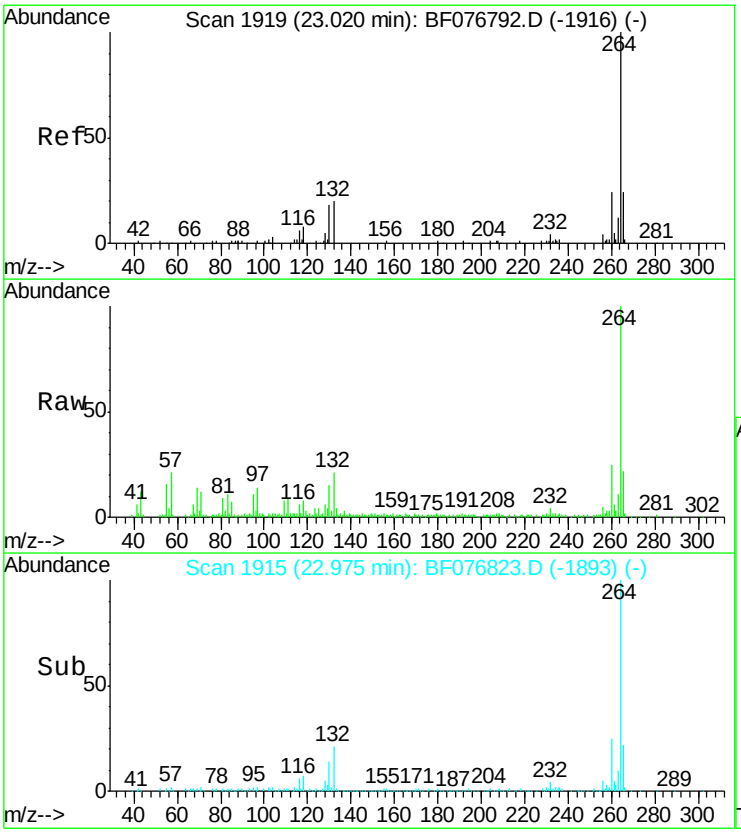
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.92 ng
RT: 21.47 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:149 Resp: 16908

Ion	Ratio	Lower	Upper
149	100		
167	29.7	20.1	30.1
279	4.1	1.4	2.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.97 min Scan# 1915
Delta R.T. -0.05 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:264 Resp: 117042

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	21.9	18.9	28.3