Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 17 06:00:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	90837	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	336818	20.00	ng		0.04
38) Acenaphthene-d10	12.65	164	114763	20.00	ng		0.06
63) Phenanthrene-d10	15.07	188	140892	20.00	ng		0.08
75) Chrysene-d12	18.69	240	170121	20.00	ng		0.04
86) Perylene-d12	20.37	264	144060	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	670549	123.07	ng		0.06
7) Phenol-d6	7.32	99	739139	113.07	ng		0.04
23) Nitrobenzene-d5	8.67	82	427935	80.12	ng		0.04
41) 2,4,6-Tribromophenol	13.96	330	99364	105.72	ng		0.08
44) 2-Fluorobiphenyl	11.57	172	624385	78.31	ng		0.04
78) Terphenyl-d14	17.35	244	466522	60.40	ng		0.04
Target Compounds							Qvalue
10) Phenol	7.34	94	17259	2.51	ng	#	66
18) Hexachloroethane	8.57	117	7755	3.21	ng	#	1
22) Acetophenone	8.41	105	132436	16.39	ng	#	49
29) 2,4-Dichlorophenol	9.59	162	11370	2.47	ng	#	43
31) Naphthalene	9.83	128	46337	2.74	ng	#	85
32) Benzoic acid	9.67	122	3715	6.12	ng	#	32
35) Caprolactam	10.60	113	81658	58.96	ng	#	62
37) 2-Methylnaphthalene	10.96	142	296634	26.70	ng		99
45) 1,1'-Biphenyl	11.73	154	70182	7.26	ng		93
47) 2-Nitroaniline	11.94	65	7776	3.64	ng	#	24
48) Acenaphthylene	12.43	152	49818	4.08	ng	#	10
49) Dimethylphthalate	12.27	163	83304	8.84	ng	#	91
50) 2,6-Dinitrotoluene	12.37	165	4534	2.36	ng	#	64
51) Acenaphthene	12.70	154	47848	6.56	ng	#	82
52) 3-Nitroaniline	12.63	138	17371	8.42	ng	#	36
53) 2,4-Dinitrophenol	12.83	184	640	6.80	ng	#	1
54) Dibenzofuran	13.00	168	38080	3.77	ng	#	25
55) 4-Nitrophenol	13.00	139	15459	12.48	ng	#	10
56) 2,4-Dinitrotoluene	13.03	165	40977	16.59	ng	#	54
57) Fluorene	13.55	166	90819	10.34	ng	#	81
61) 4-Nitroaniline	13.41	138	12577	6.64	ng		90
64) 4,6-Dinitro-2-methylphenol	13.70	198	2239	2.37	ng	#	1
65) n-Nitrosodiphenylamine	13.78	169	208177	40.71	ng	#	44
69) Pentachlorophenol	14.80	266	788	6.92	ng	#	1
70) Phenanthrene	15.10	178	240557	29.72	ng	#	96
71) Anthracene	15.18	178	51495	6.23	ng	#	11
72) Carbazole	15.46	167	24402	3.24	ng	#	14
74) Fluoranthene	16.82	202	143600	17.29	ng		99
76) Benzidine	17.00	184	515	6.69	ng	#	1
77) Pyrene	17.12	202	158372	12.45	ng		97
80) Benzo(a)anthracene	18.73	228	67423	6.81	ng		98
82) Chrysene	18.73	228	67423	7.04	ng		97
85) Indeno(1,2,3-cd)pyrene	21.71	276	26609	3.42	ng	#	91
87) Benzo(b)fluoranthene	19.97	252	92409	10.38	ng	#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095175.D
Acq On : 17 May 2017 1:20
Operator : SJ/MA
Sample : I3153-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 17 06:00:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
88) Benzo(k)fluoranthene	19.97	252	92409	10.76	ng		96
89) Benzo(a)pyrene	20.31	252	39406	4.80	ng	#	91
91) Benzo(g,h,i)perylene	22.10	276	25017	3.76	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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Acq On : 17 May 2017 1:20
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Misc :
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Instrument :
BNA_F
ClientSampleId :

Quant Time: May 17 06:00:22 2017
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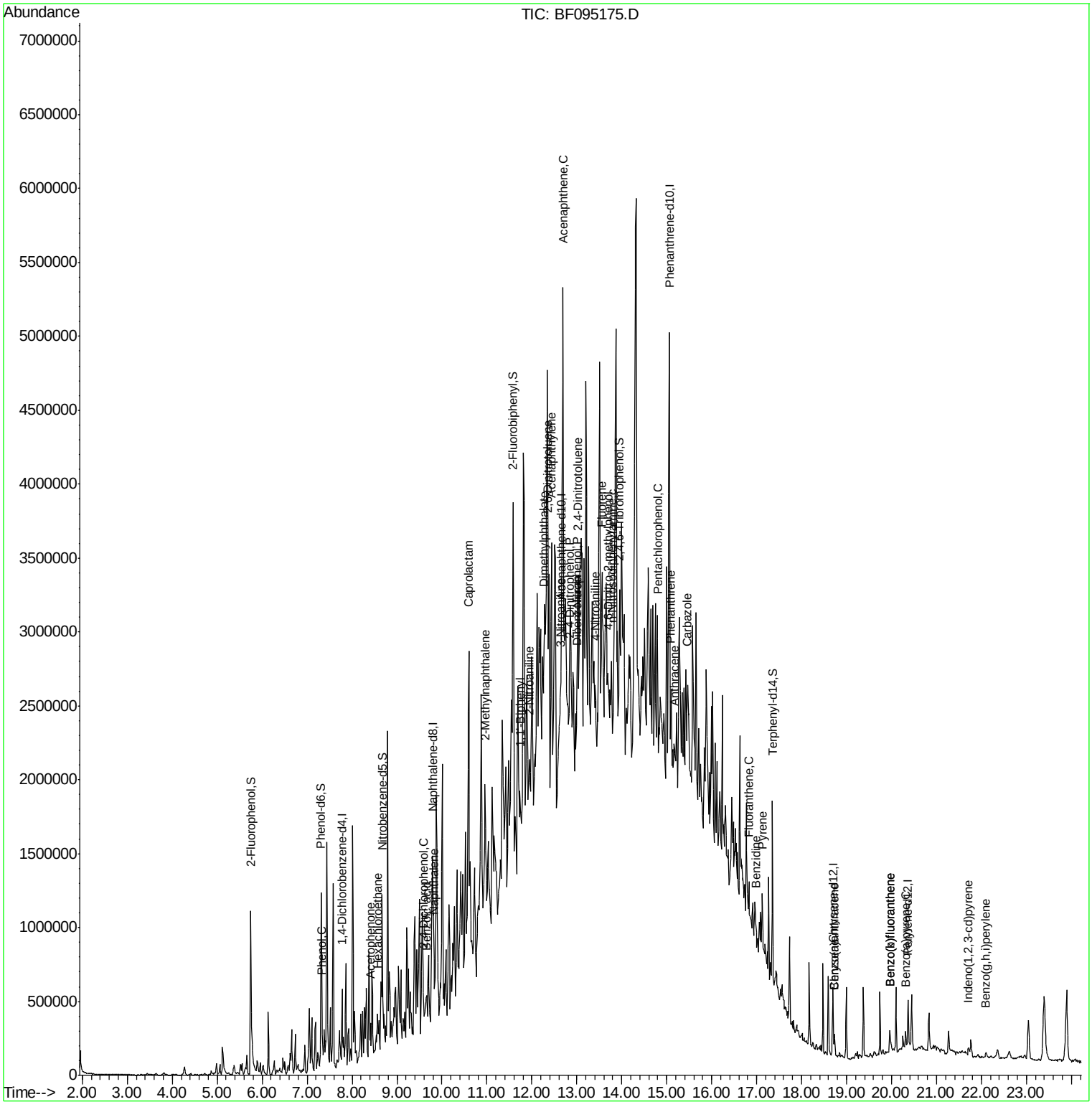
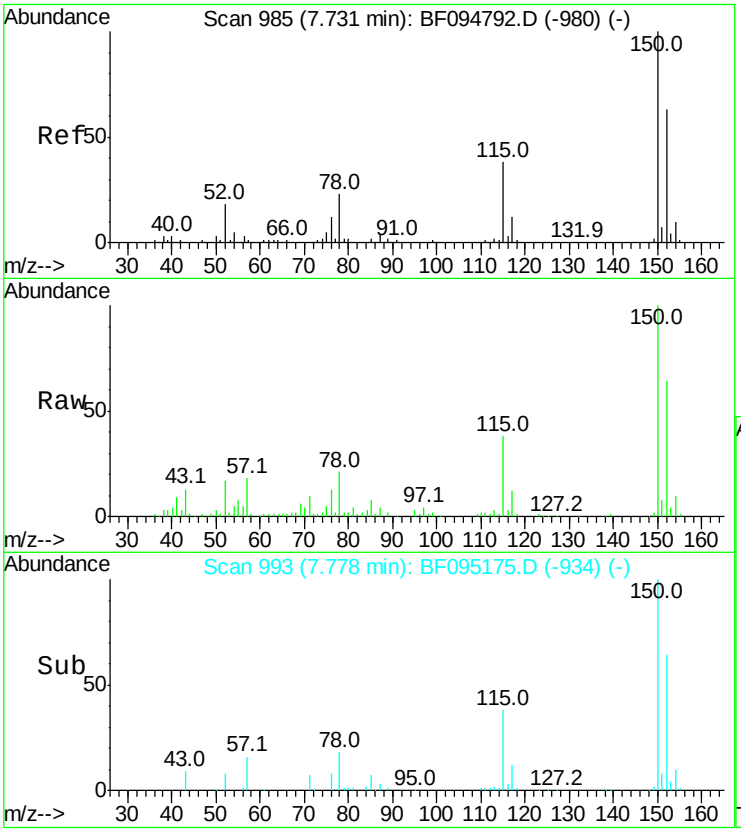
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



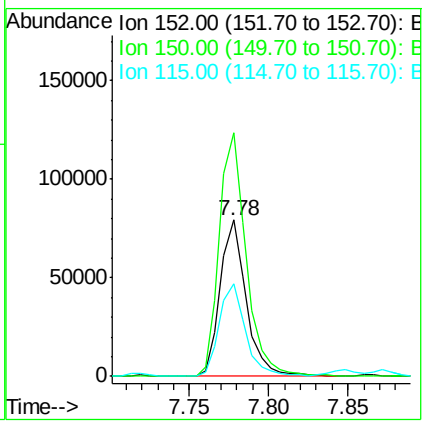


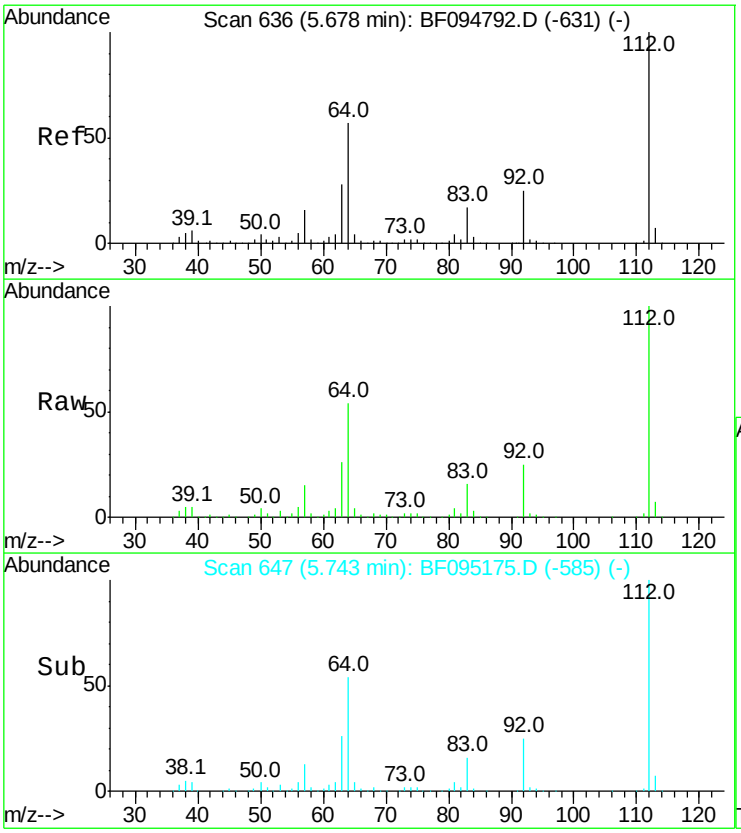
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90837

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	59.4	52.2	78.2

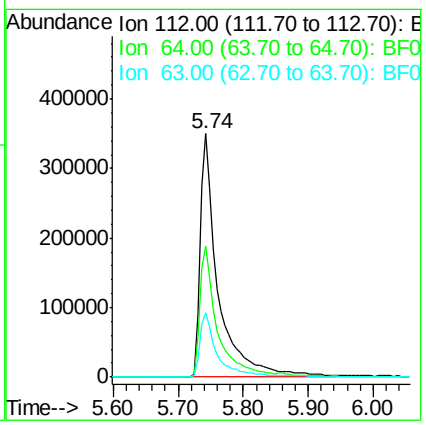


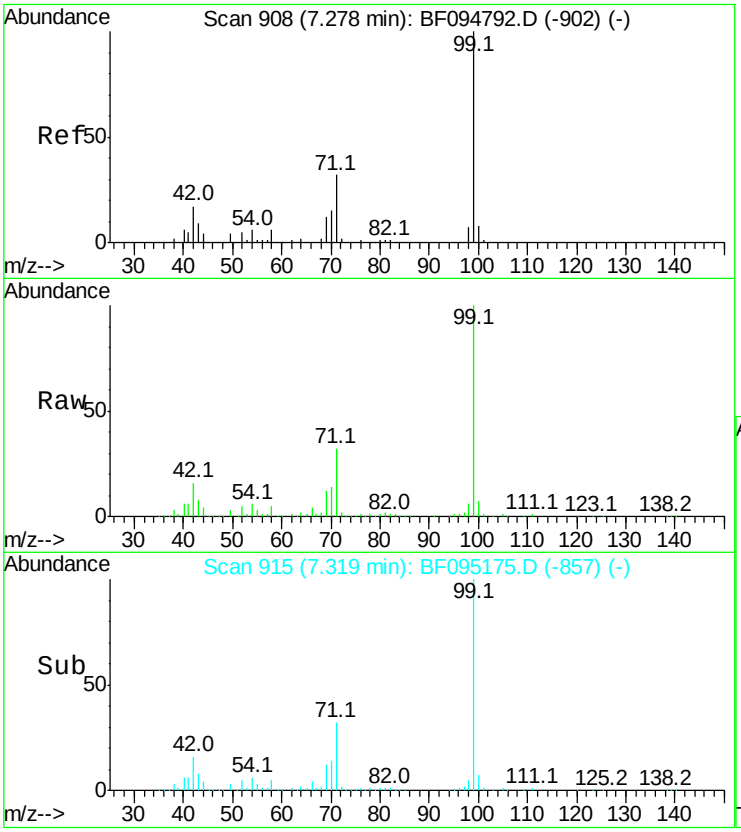


#5
2-Fluorophenol
Concen: 123.07 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:112 Resp: 670549

Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	26.4	23.4	35.0



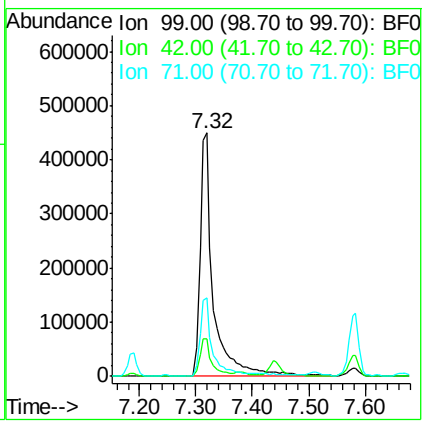


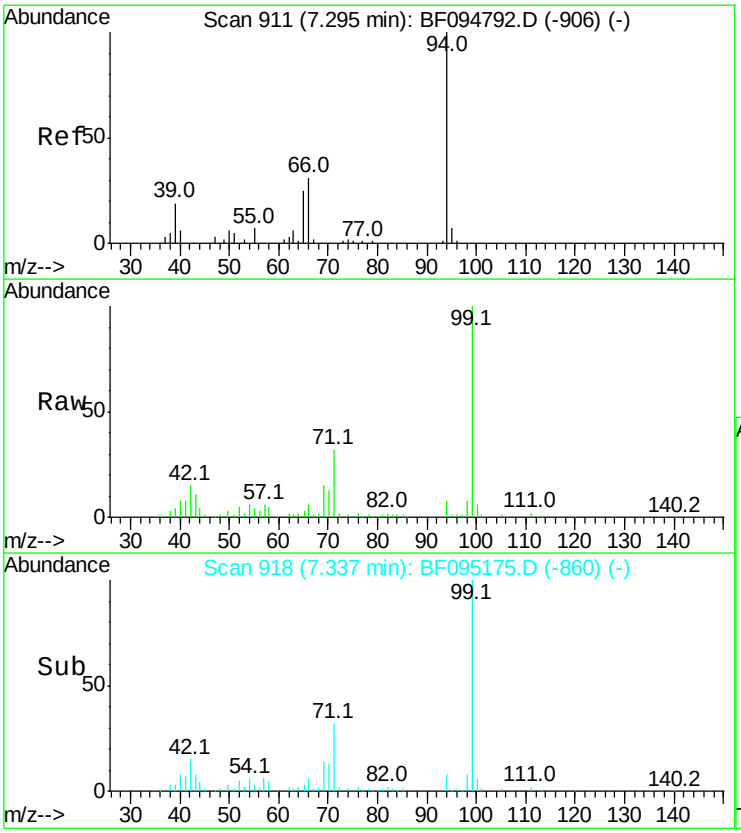
#7
Phenol-d6
Concen: 113.07 ng
RT: 7.32 min Scan# 915
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 739139

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	32.3	24.5	36.7

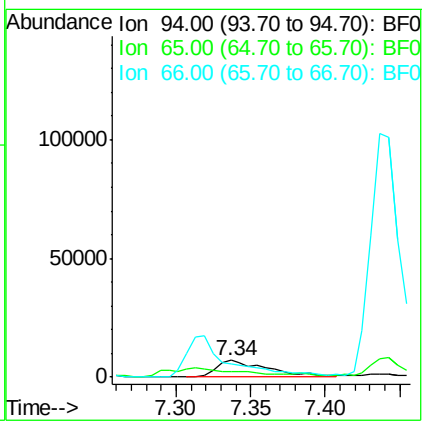


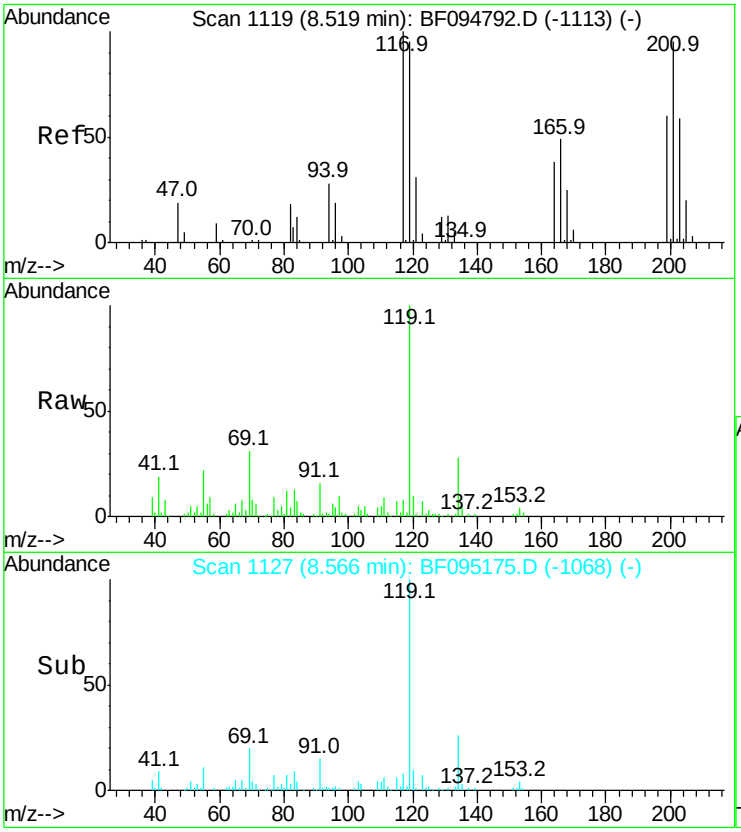


#10
Phenol
Concen: 2.51 ng
RT: 7.34 min Scan# 918
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion: 94 Resp: 17259

Ion	Ratio	Lower	Upper
94	100		
65	33.7	9.9	49.9
66	77.3	23.1	63.1#



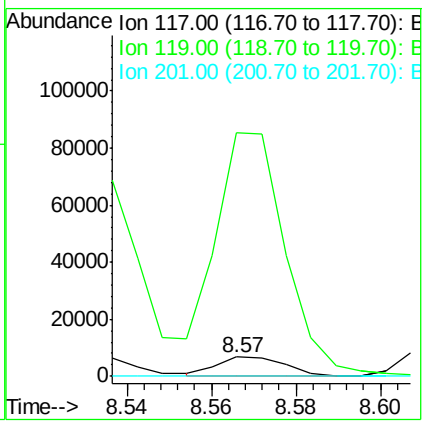


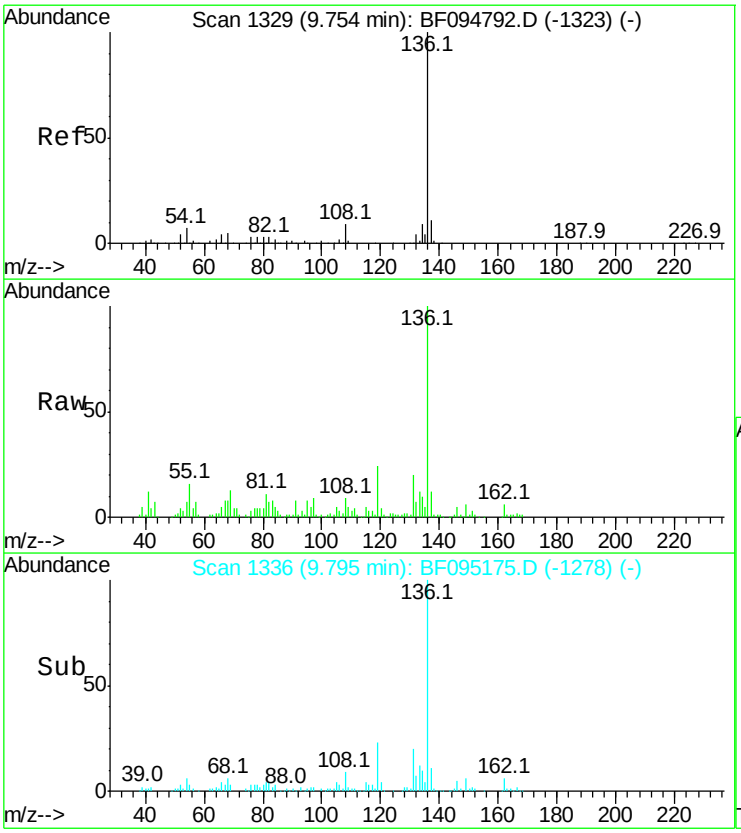
#18
Hexachloroethane
Concen: 3.21 ng
RT: 8.57 min Scan# 1127
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 7755

Ion	Ratio	Lower	Upper
117	100		
119	1271.9	77.4	116.0#
201	0.0	94.6	141.8#

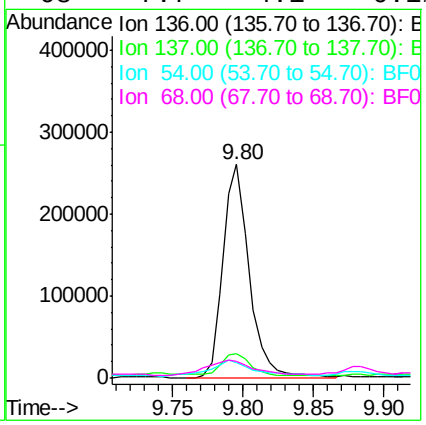


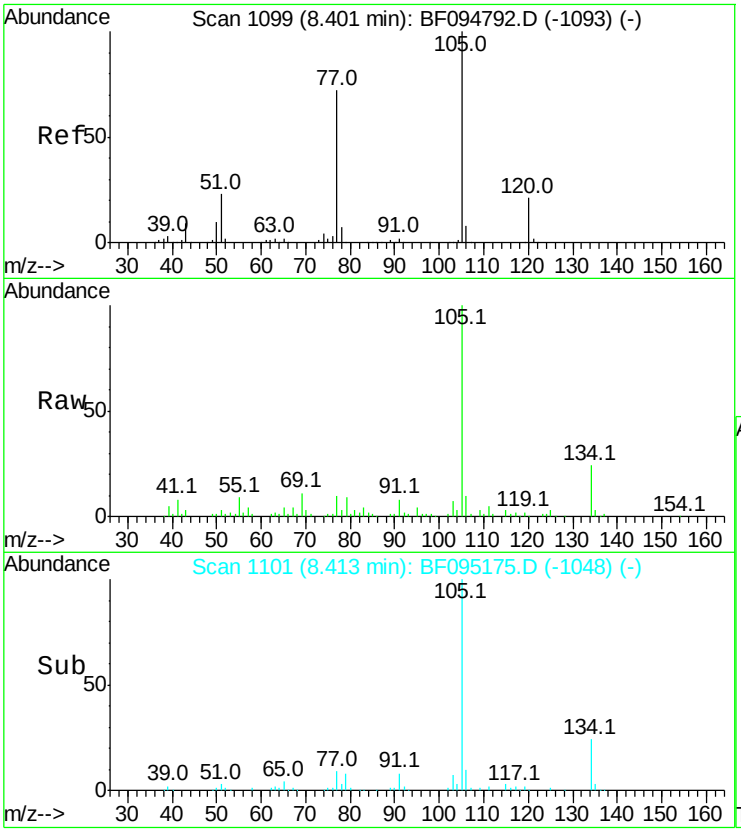


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:136 Resp: 336818

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	7.3	4.9	7.3#
68	7.7	4.1	6.1#



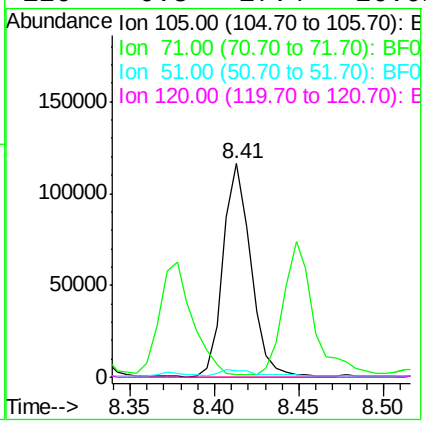


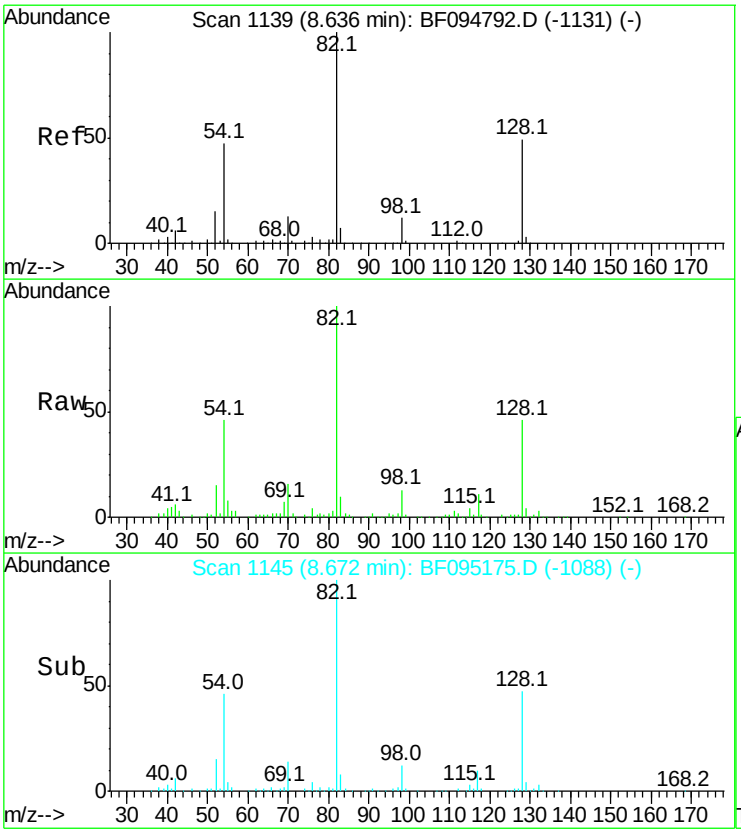
#22
Acetophenone
Concen: 16.39 ng
RT: 8.41 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 132436

Ion	Ratio	Lower	Upper
105	100		
71	1.1	2.8	4.2#
51	3.2	30.7	46.1#
120	0.3	17.4	26.0#

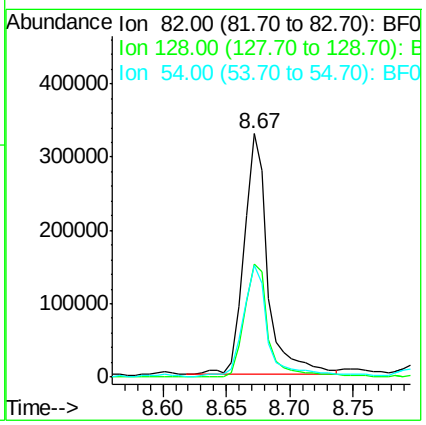


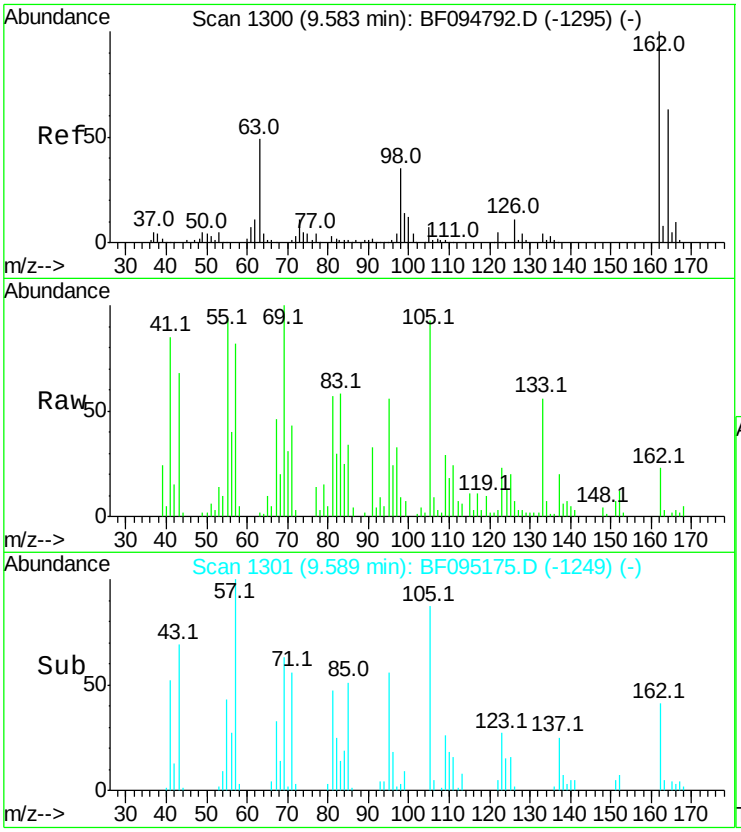


#23
Nitrobenzene-d5
Concen: 80.12 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion: 82 Resp: 427935

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	45.8	42.2	63.2



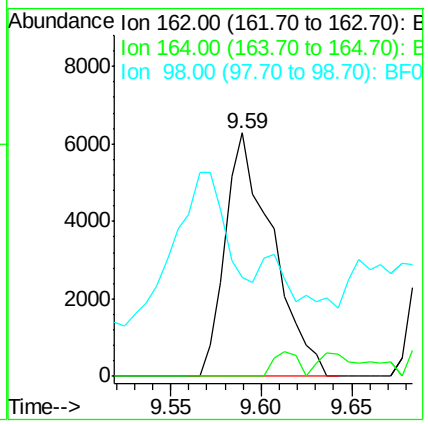


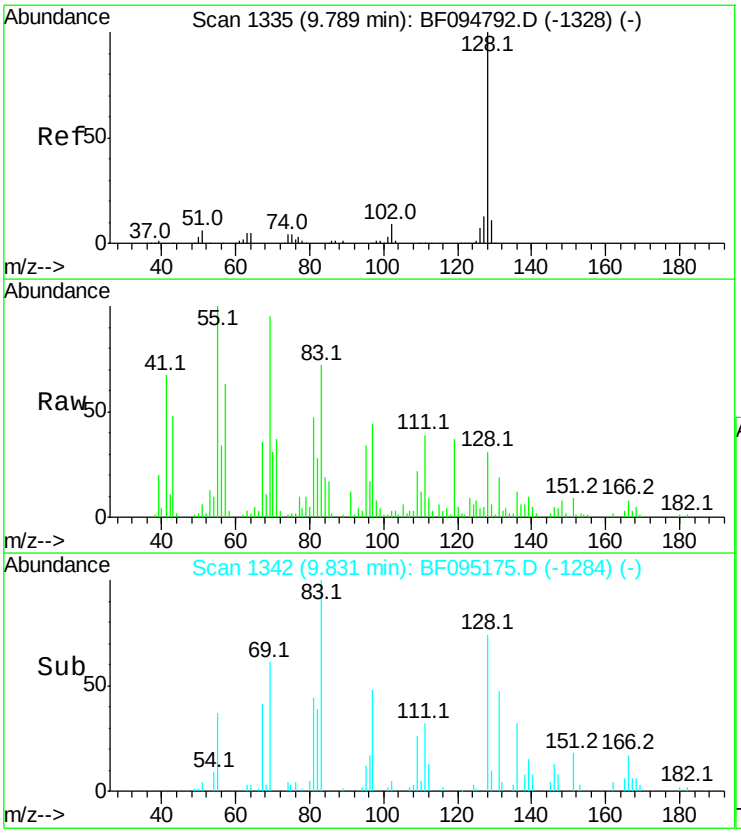
#29
2,4-Dichlorophenol
Concen: 2.47 ng
RT: 9.59 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 11370

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	40.7	14.8	54.8

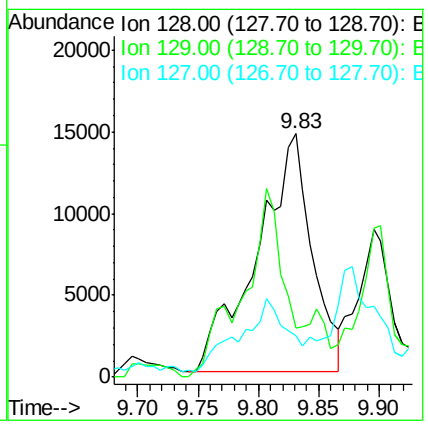


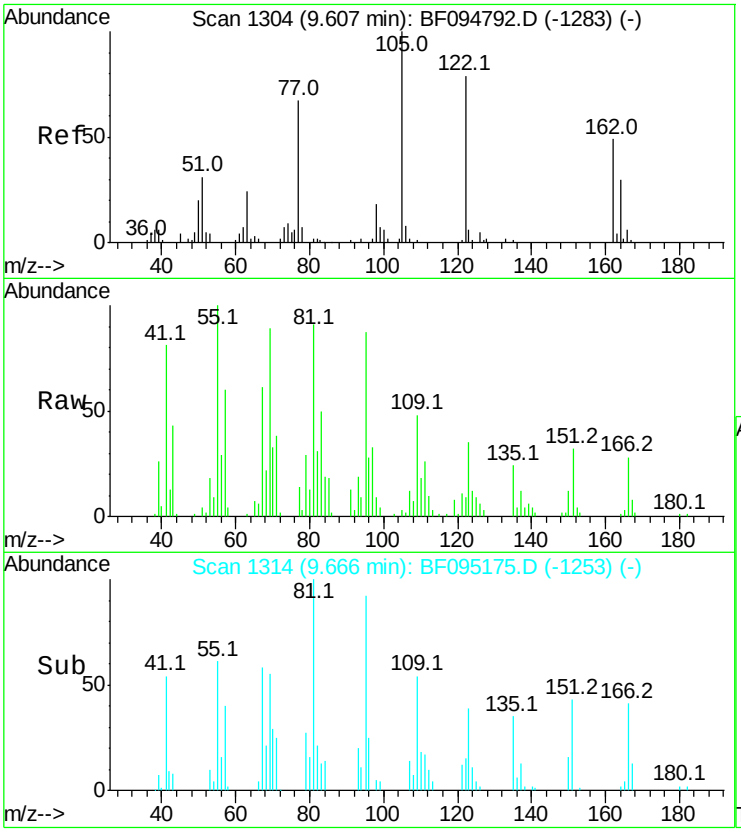


#31
Naphthalene
Concen: 2.74 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:128 Resp: 46337

Ion	Ratio	Lower	Upper
128	100		
129	20.2	9.0	13.6#
127	17.0	10.8	16.2#



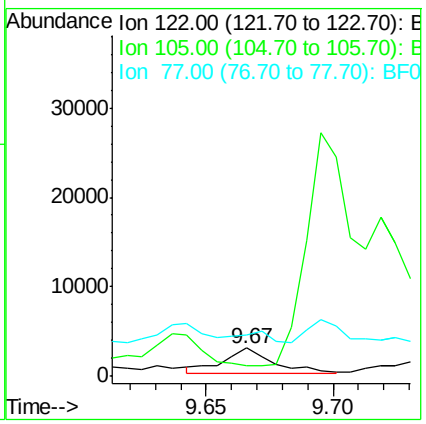


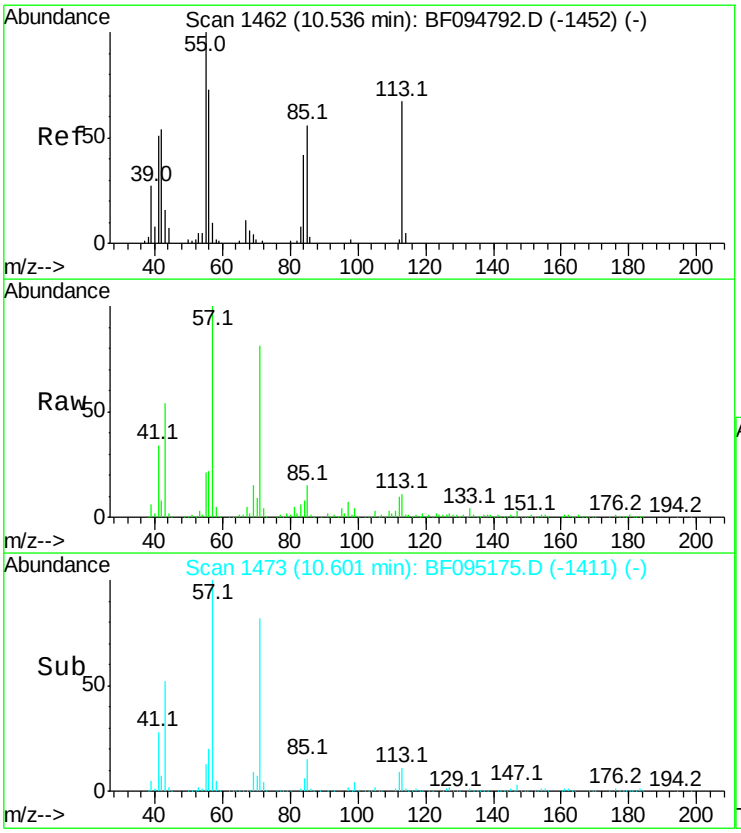
#32
Benzoic acid
Concen: 6.12 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3715

Ion	Ratio	Lower	Upper
122	100		
105	36.2	103.3	143.3#
77	147.6	73.7	113.7#

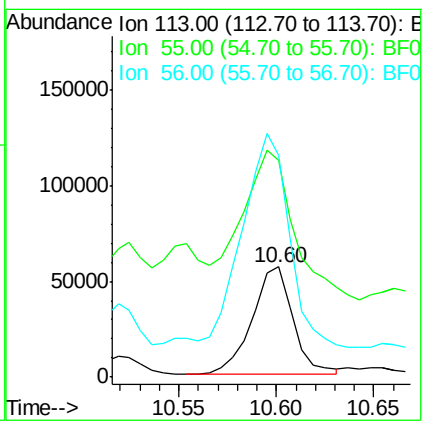


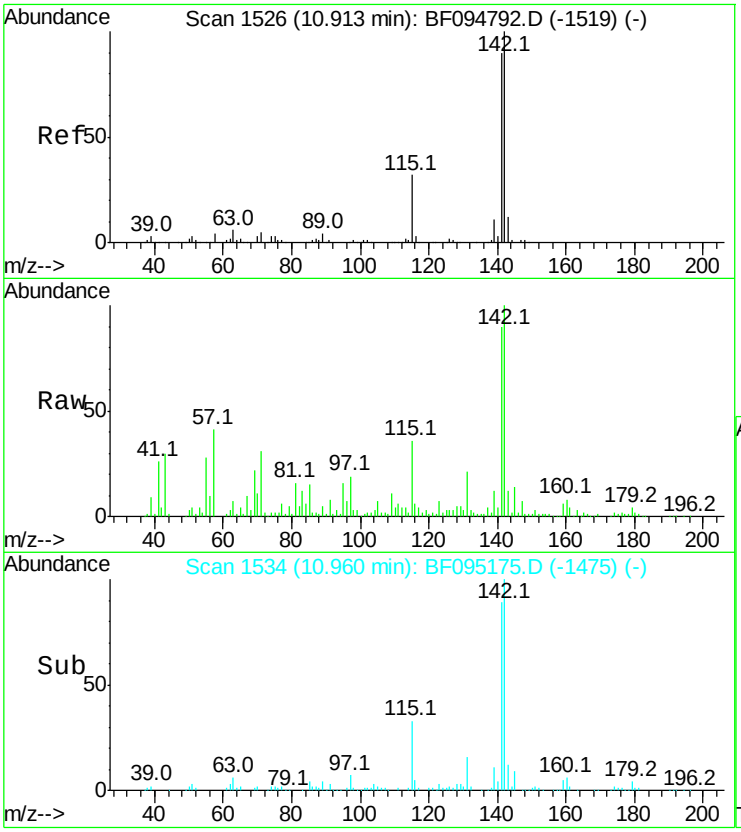


#35
Caprolactam
Concen: 58.96 ng
RT: 10.60 min Scan# 1473
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:113 Resp: 81658

Ion	Ratio	Lower	Upper
113	100		
55	196.3	150.2	190.2#
56	201.3	107.8	147.8#



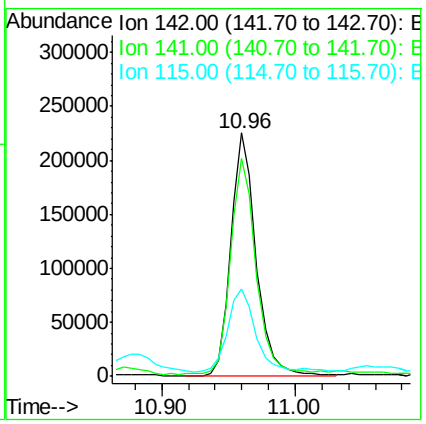


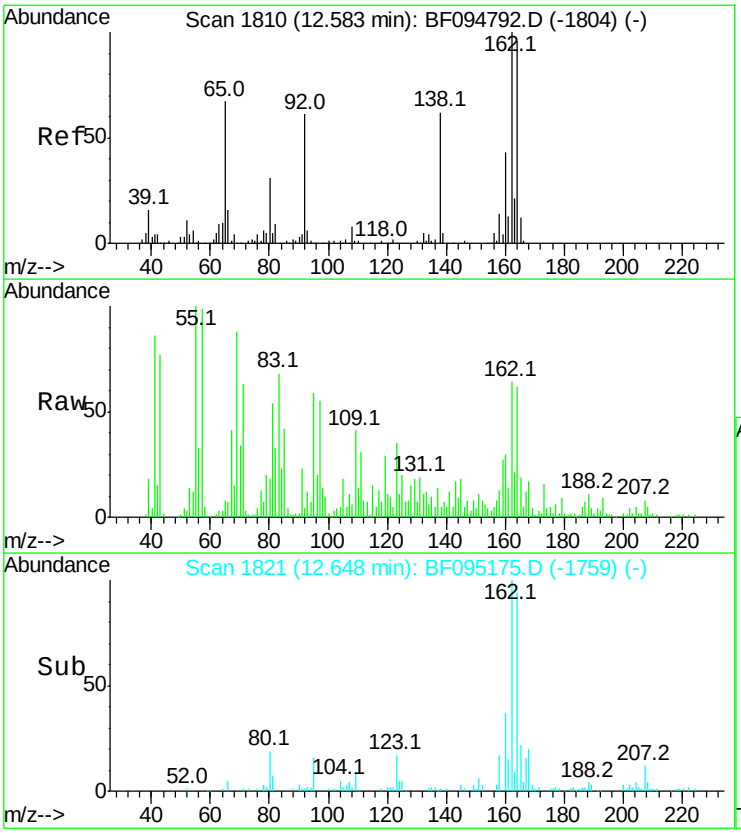
#37
2-Methylnaphthalene
Concen: 26.70 ng
RT: 10.96 min Scan# 1534
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 296634

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	36.0	27.1	40.7

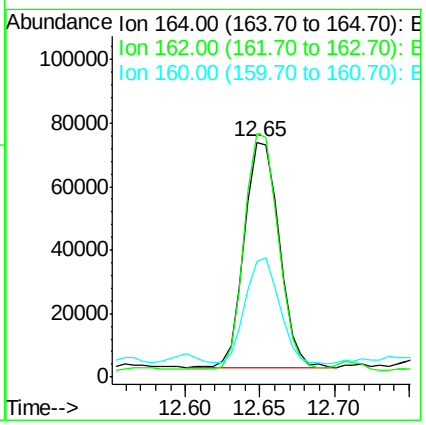


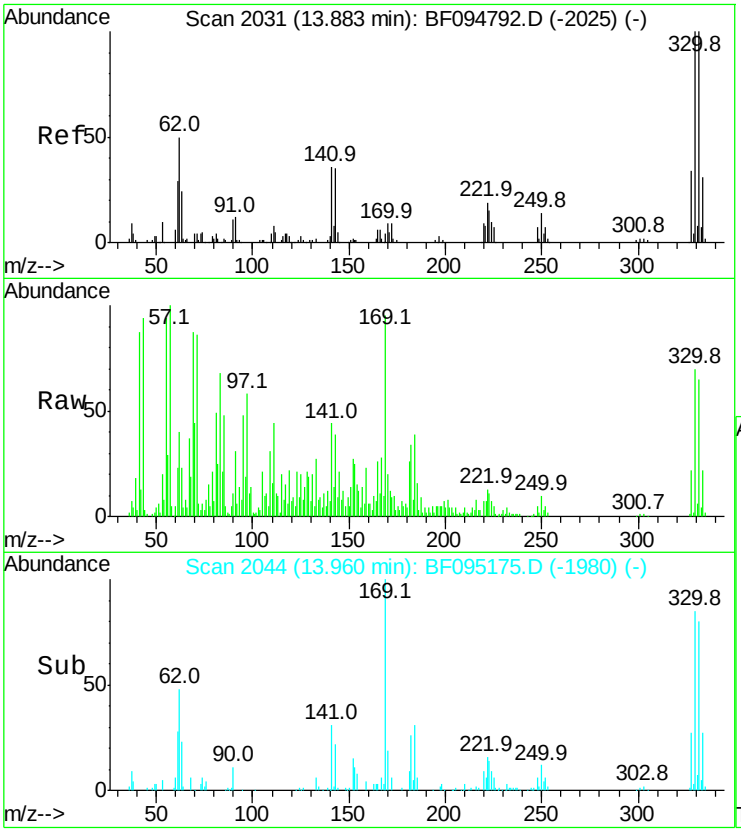


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1821
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:164 Resp: 114763

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	49.3	36.2	54.2



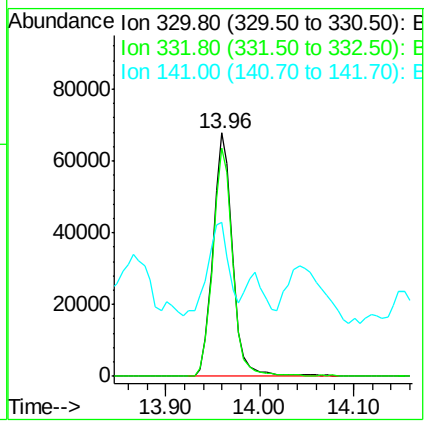


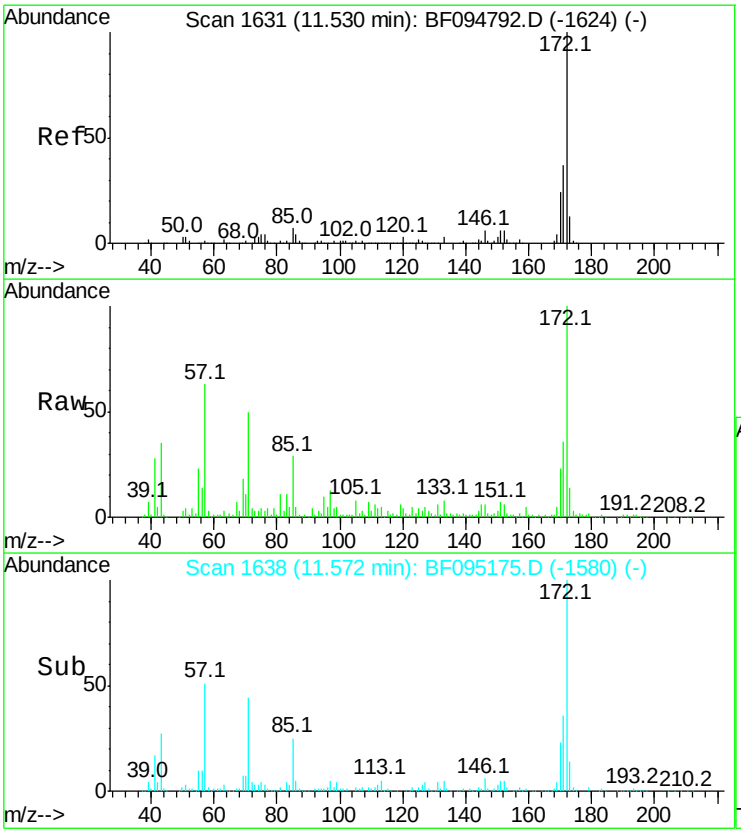
#41
2,4,6-Tribromophenol
Concen: 105.72 ng
RT: 13.96 min Scan# 2044
Delta R.T. 0.08 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 99364

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	43.0	31.4	47.2

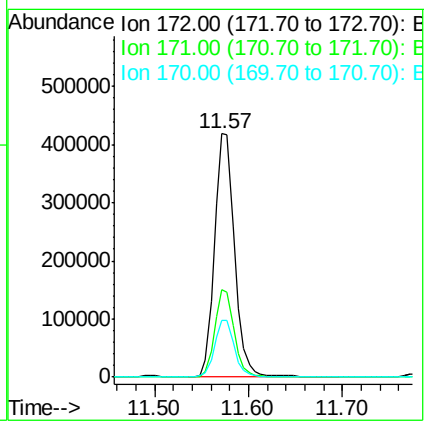


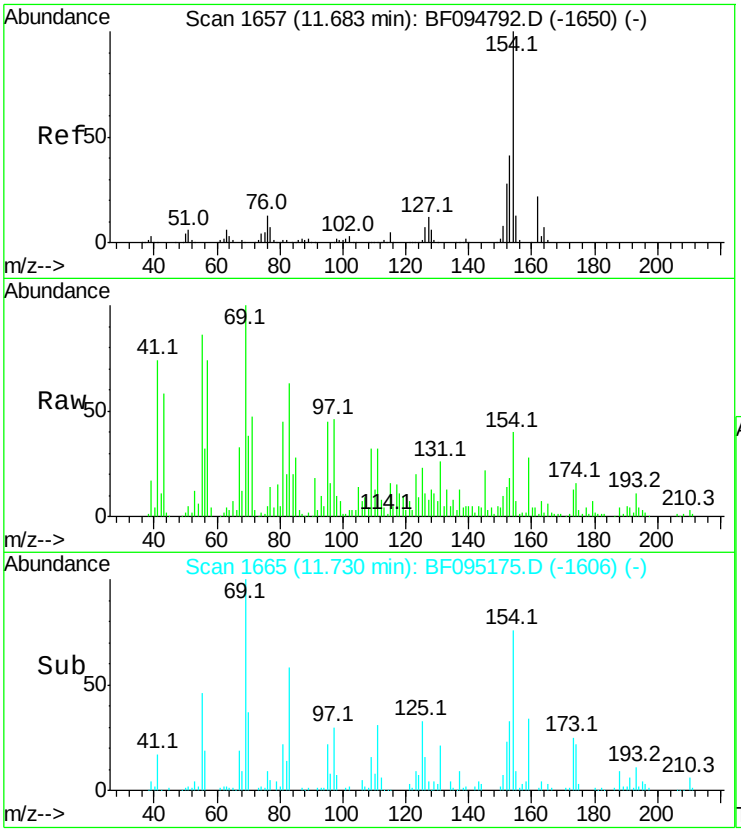


#44
2-Fluorobiphenyl
Concen: 78.31 ng
RT: 11.57 min Scan# 1638
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:172 Resp: 624385

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.4	19.8	29.8



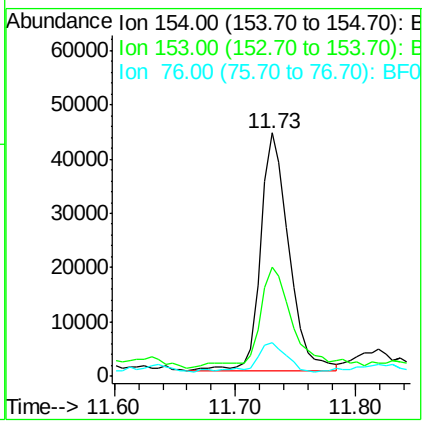


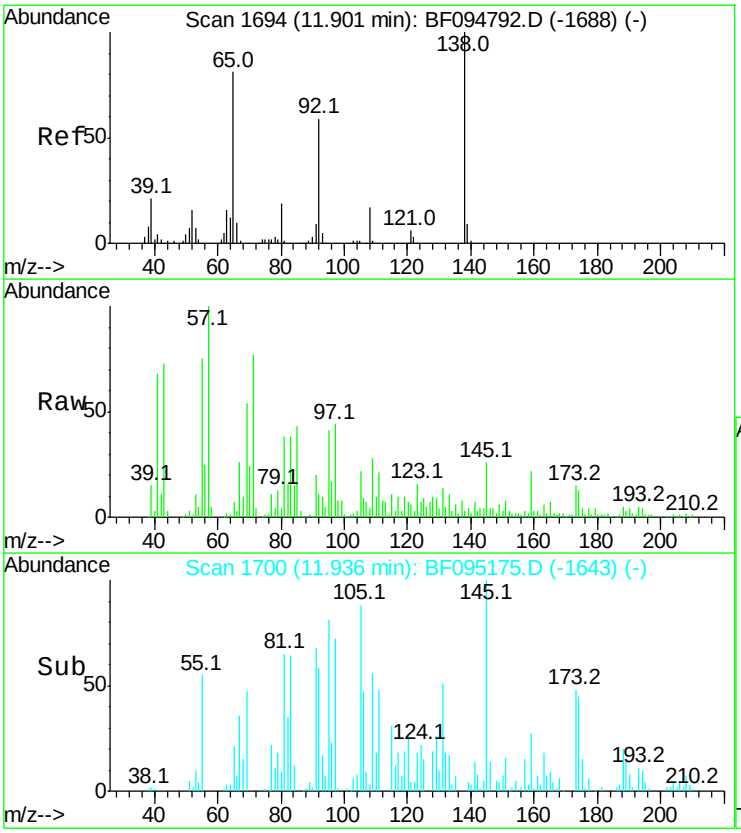
#45
1,1'-Biphenyl
Concen: 7.26 ng
RT: 11.73 min Scan# 1665
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 70182

Ion	Ratio	Lower	Upper
154	100		
153	45.0	21.2	61.2
76	13.6	0.0	29.9

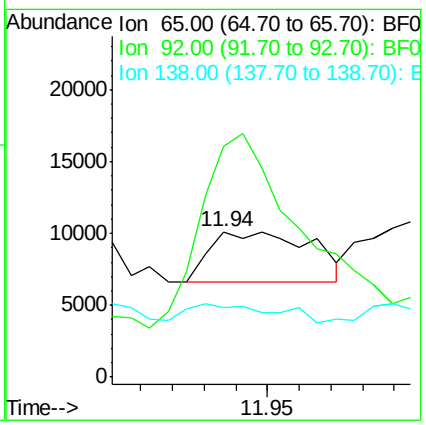


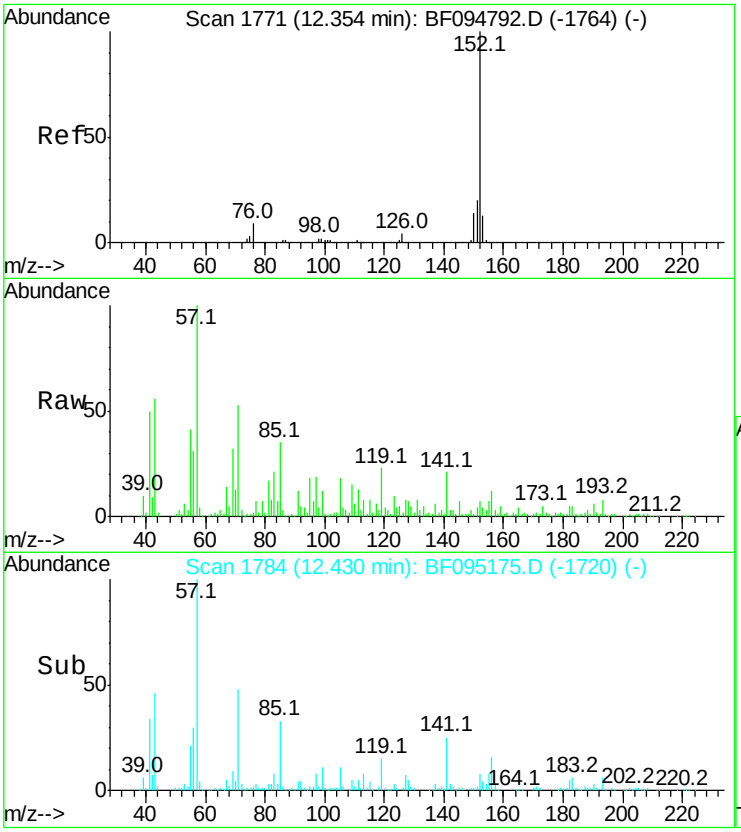


#47
2-Nitroaniline
Concen: 3.64 ng
RT: 11.94 min Scan# 1700
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion: 65 Resp: 7776

Ion	Ratio	Lower	Upper
65	100		
92	158.7	53.9	80.9#
138	48.0	78.8	118.2#



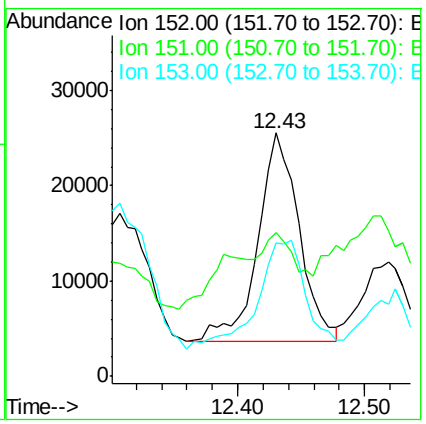


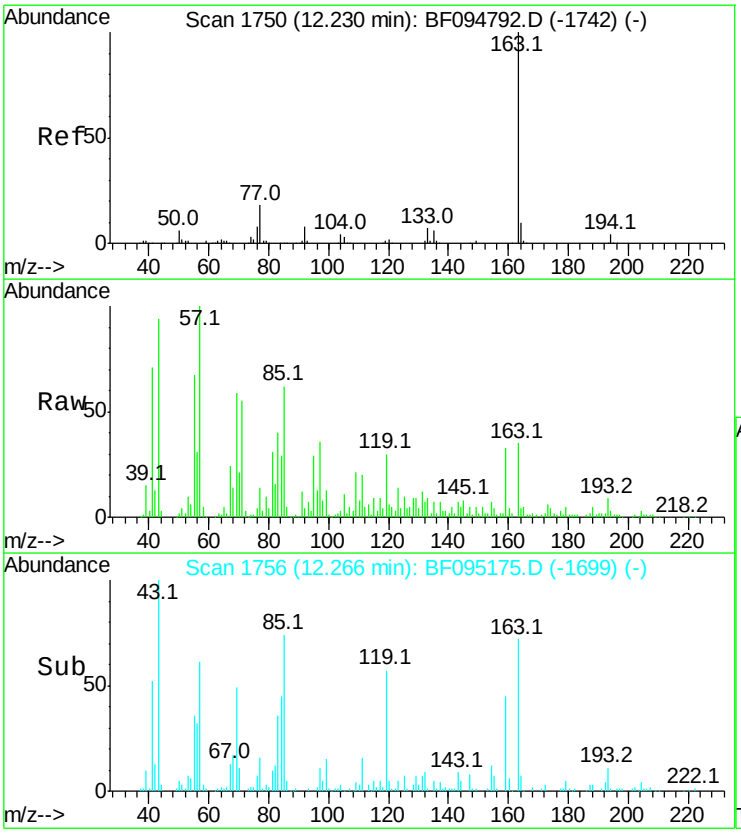
#48
Acenaphthylene
Concen: 4.08 ng
RT: 12.43 min Scan# 1784
Delta R.T. 0.08 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 49818

Ion	Ratio	Lower	Upper
152	100		
151	59.3	16.8	25.2#
153	55.0	10.8	16.2#

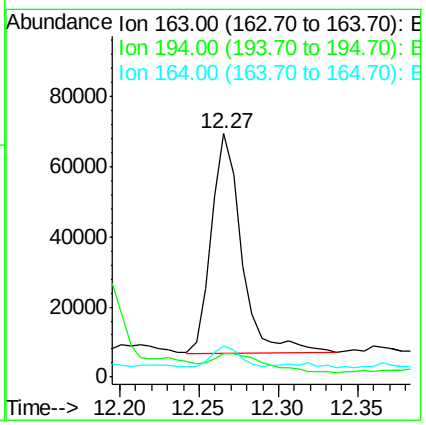


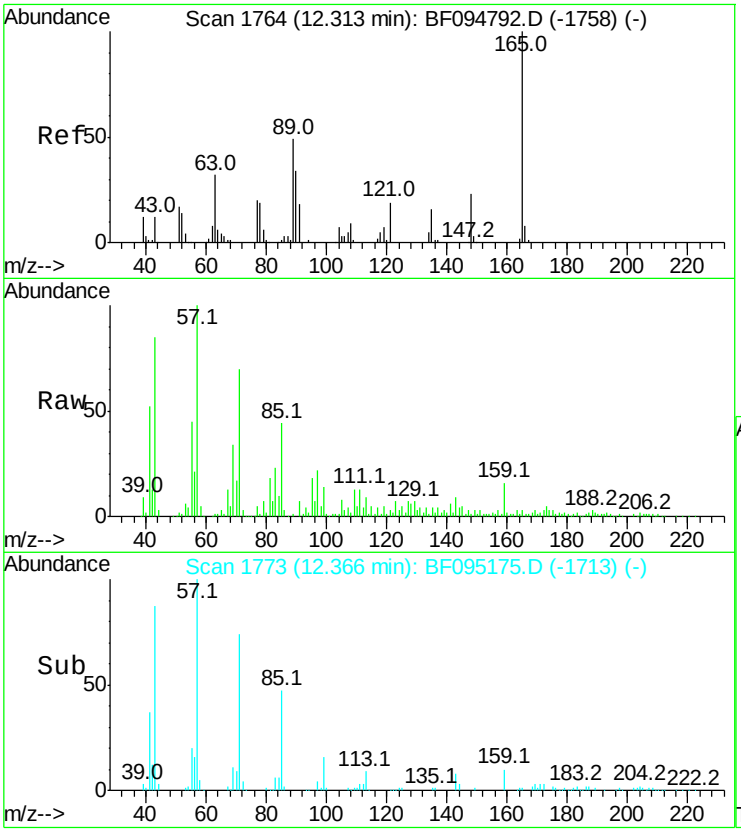


#49
Dimethylphthalate
Concen: 8.84 ng
RT: 12.27 min Scan# 1756
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:163 Resp: 83304

Ion	Ratio	Lower	Upper
163	100		
194	9.6	2.6	4.0#
164	12.5	8.4	12.6



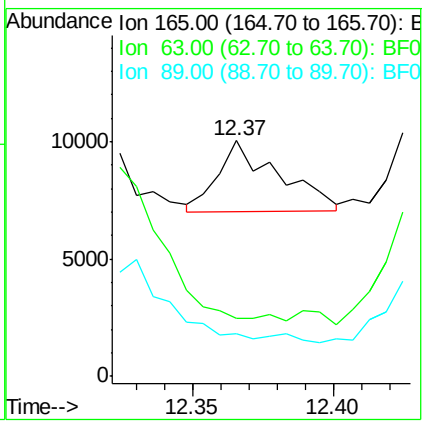


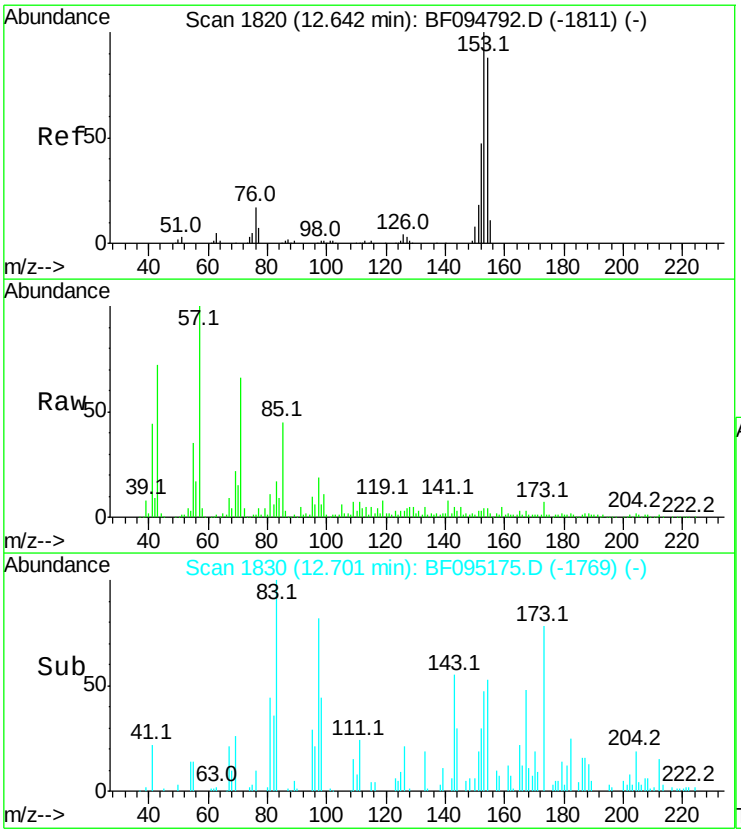
#50
2,6-Dinitrotoluene
Concen: 2.36 ng
RT: 12.37 min Scan# 1773
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 4534

Ion	Ratio	Lower	Upper
165	100		
63	24.8	34.3	51.5#
89	18.3	37.1	55.7#

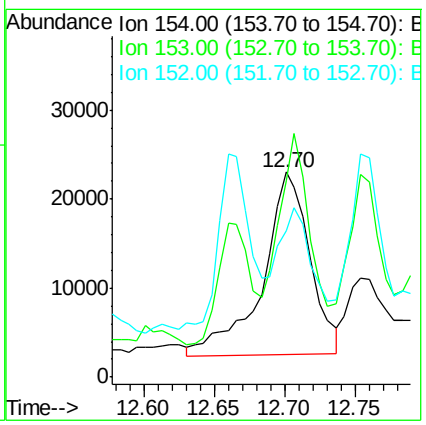


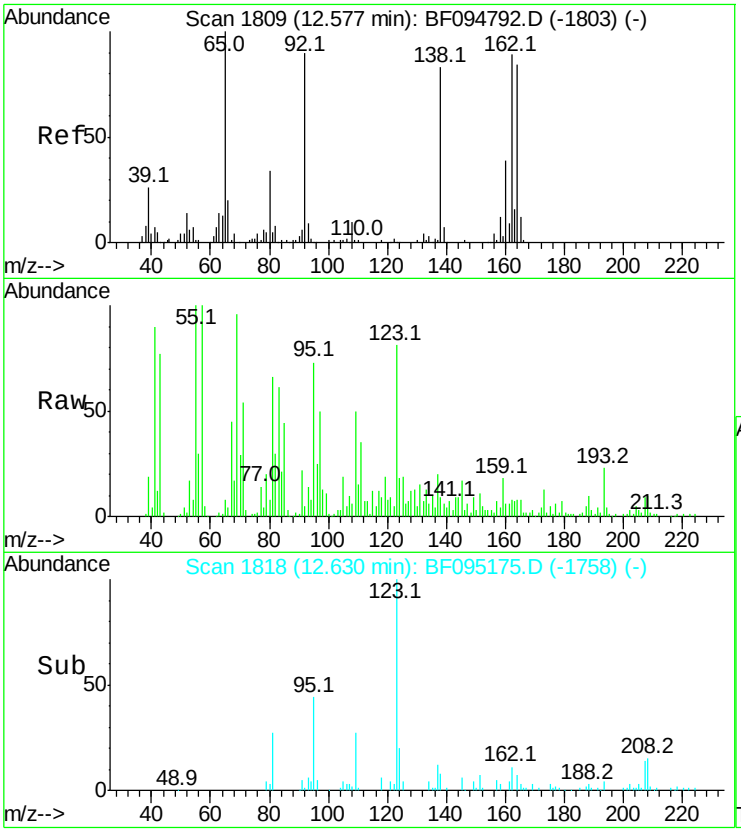


#51
Acenaphthene
Concen: 6.56 ng
RT: 12.70 min Scan# 1830
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:154 Resp: 47848

Ion	Ratio	Lower	Upper
154	100		
153	95.8	90.5	135.7
152	71.2	43.6	65.4#



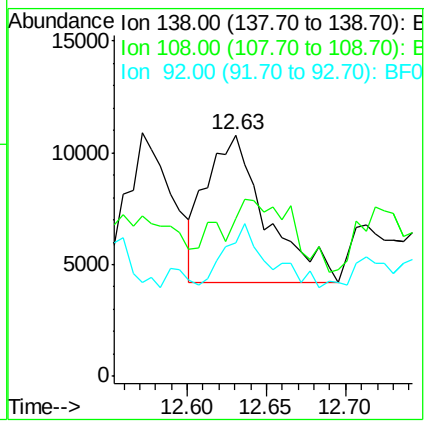


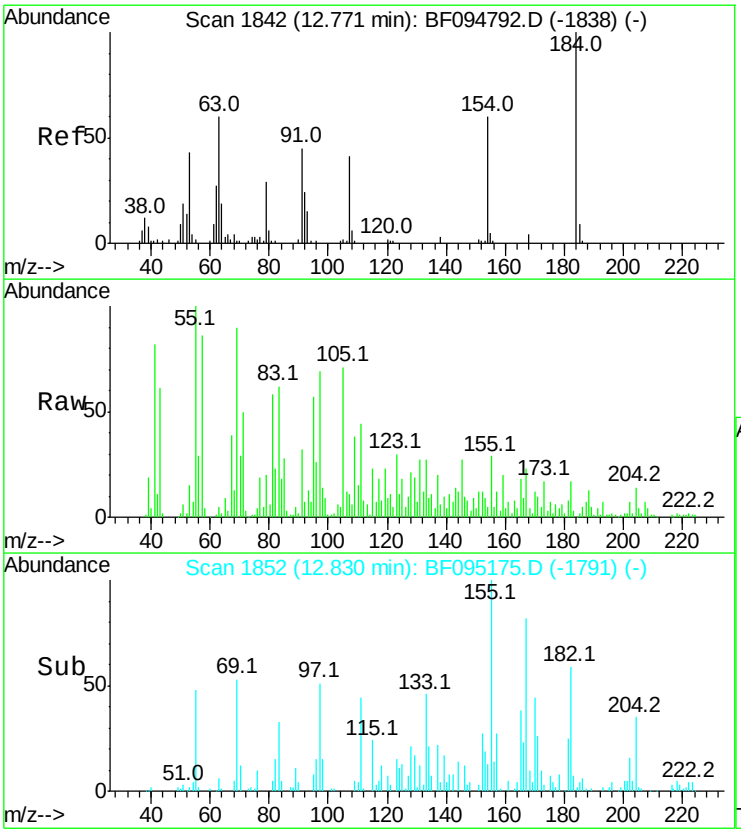
#52
3-Nitroaniline
Concen: 8.42 ng
RT: 12.63 min Scan# 1818
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 17371

Ion	Ratio	Lower	Upper
138	100		
108	65.4	9.1	13.7#
92	55.2	93.8	140.6#

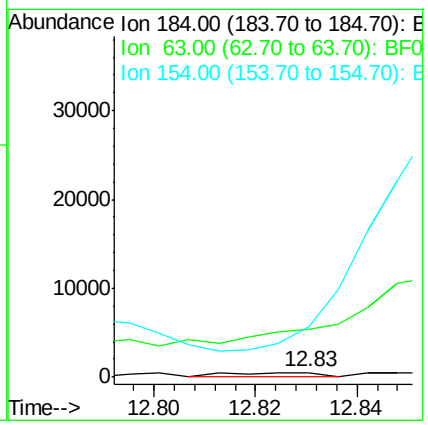


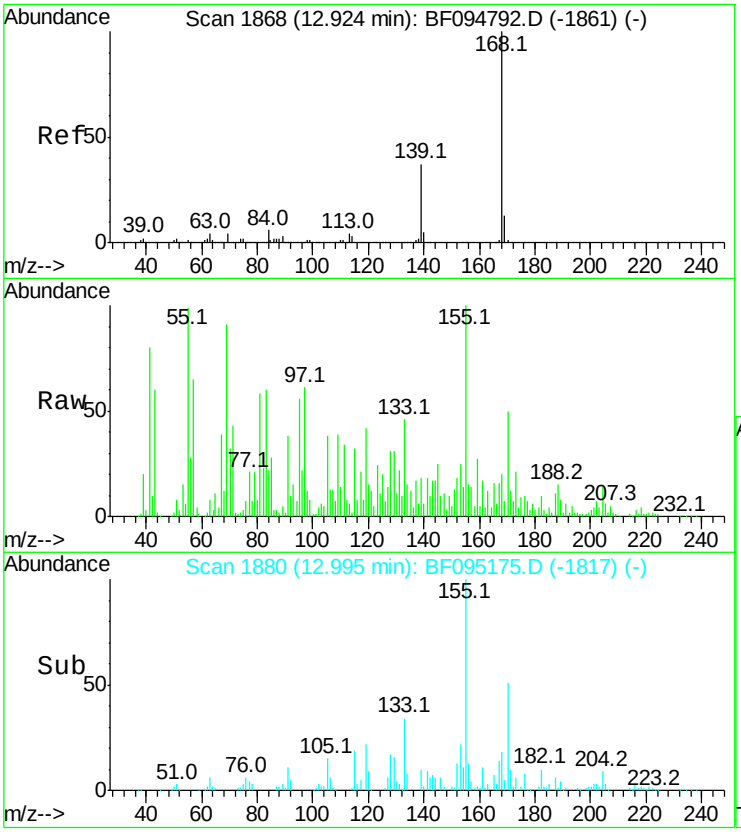


#53
2,4-Dinitrophenol
Concen: 6.80 ng
RT: 12.83 min Scan# 1852
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:184 Resp: 640

Ion	Ratio	Lower	Upper
184	100		
63	1062.4	62.7	94.1#
154	1137.4	81.1	121.7#



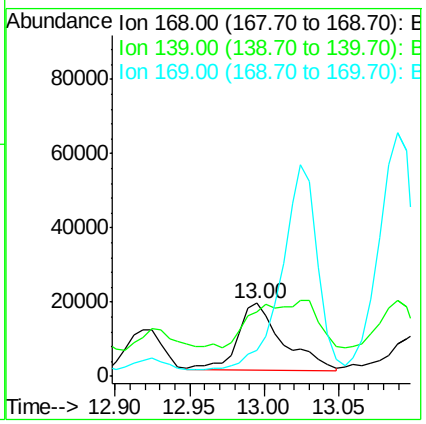


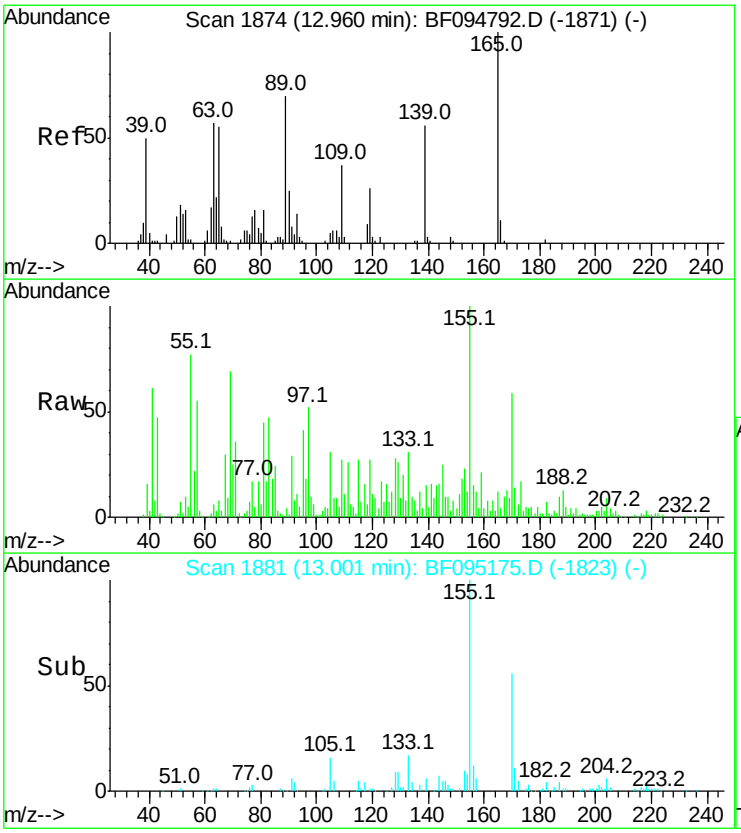
#54
Dibenzofuran
Concen: 3.77 ng
RT: 13.00 min Scan# 1880
Delta R.T. 0.07 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 38080

Ion	Ratio	Lower	Upper
168	100		
139	87.8	30.6	45.8#
169	36.1	10.8	16.2#

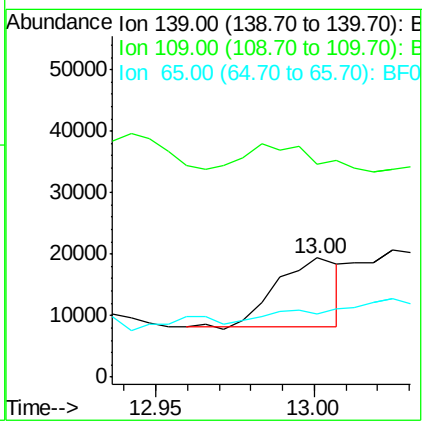


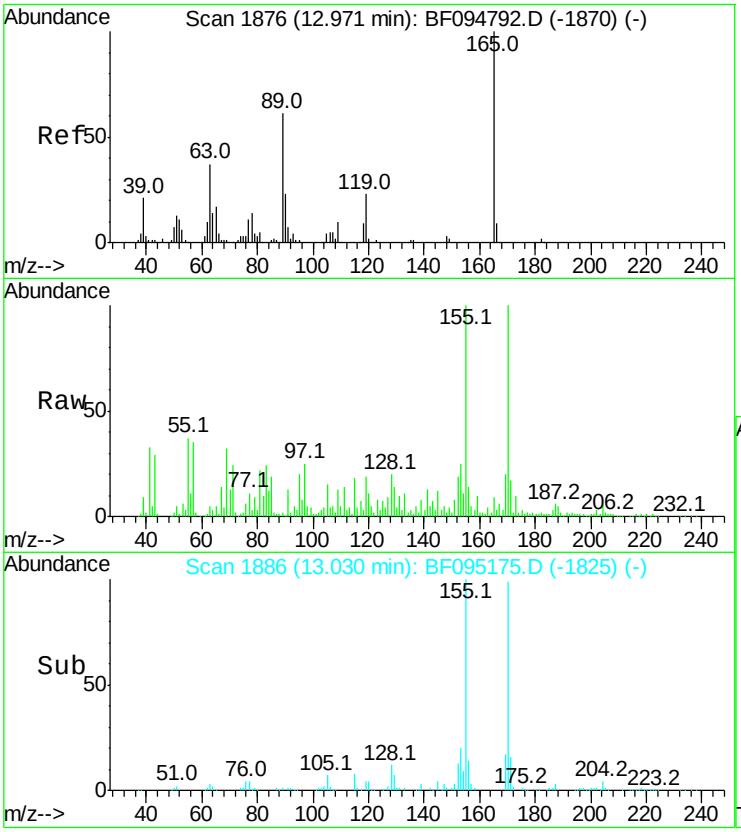


#55
4-Nitrophenol
Concen: 12.48 ng
RT: 13.00 min Scan# 1881
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:139 Resp: 15459

Ion	Ratio	Lower	Upper
139	100		
109	178.0	34.1	74.1#
65	52.7	31.4	71.4



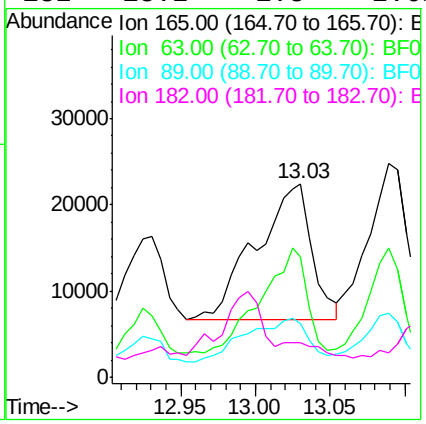


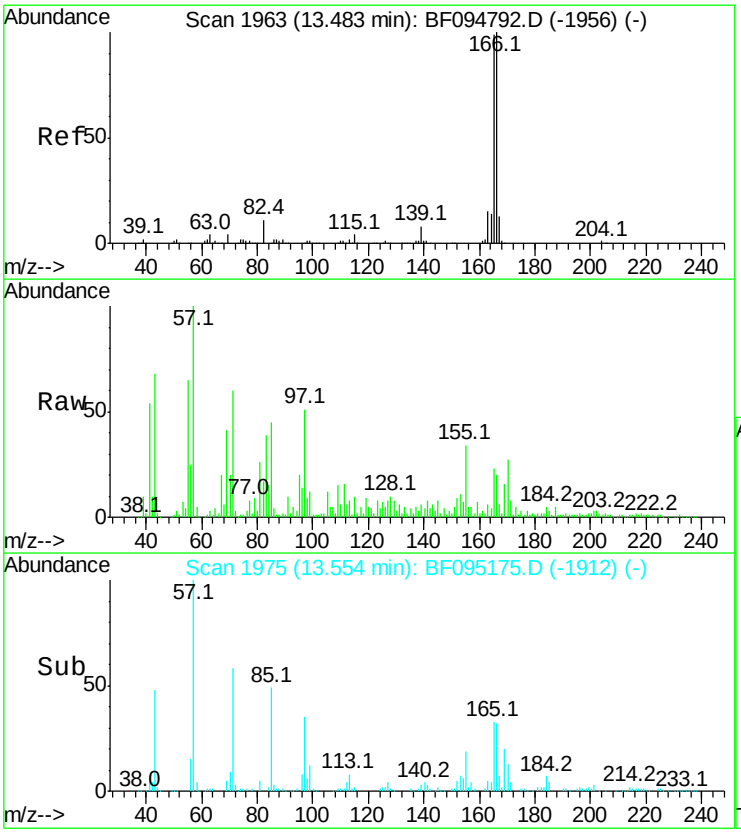
#56
2,4-Dinitrotoluene
Concen: 16.59 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40977

Ion	Ratio	Lower	Upper
165	100		
63	62.3	25.4	38.0#
89	27.9	46.4	69.6#
182	18.2	1.8	2.6#

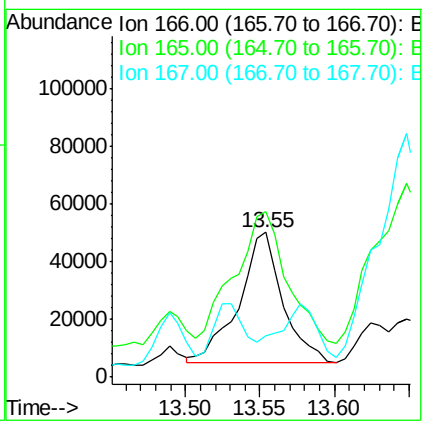


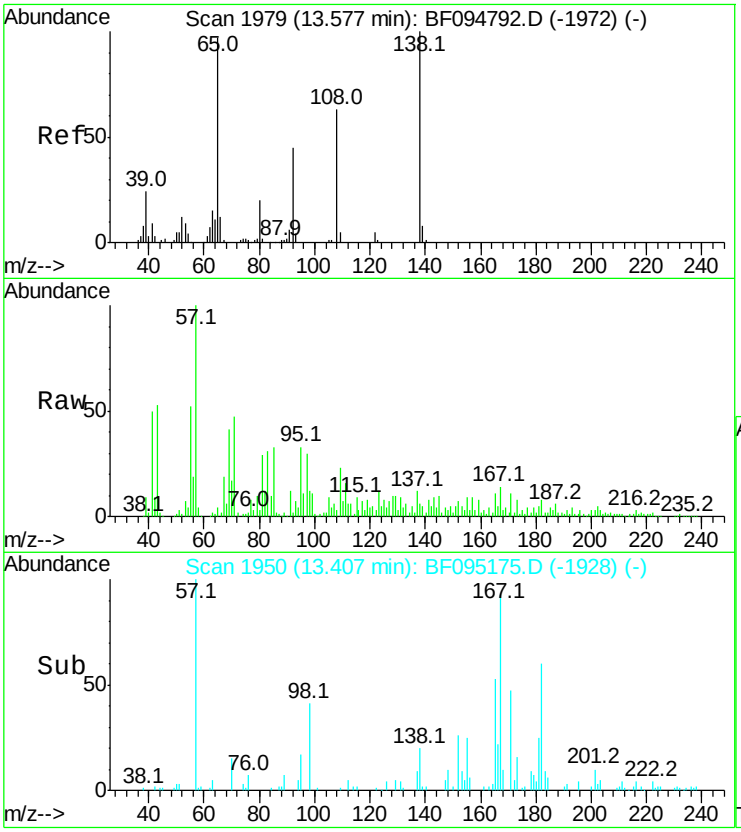


#57
Fluorene
Concen: 10.34 ng
RT: 13.55 min Scan# 1975
Delta R.T. 0.07 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:166 Resp: 90819

Ion	Ratio	Lower	Upper
166	100		
165	114.4	78.8	118.2
167	28.2	10.6	16.0#



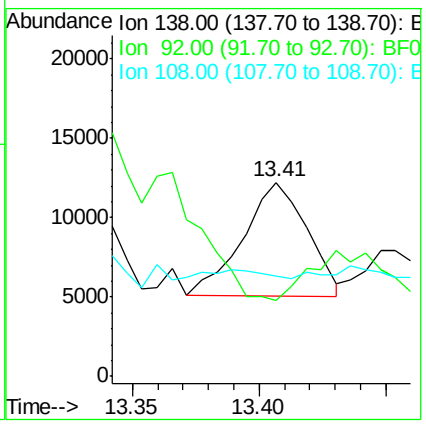


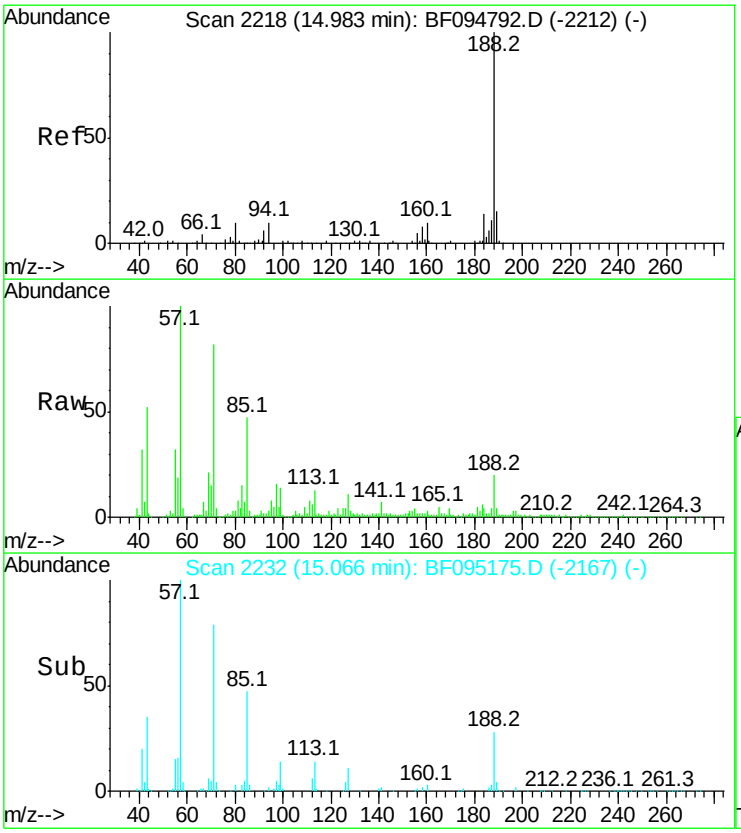
#61
4-Nitroaniline
Concen: 6.64 ng
RT: 13.41 min Scan# 1950
Delta R.T. -0.17 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 12577

Ion	Ratio	Lower	Upper
138	100		
92	39.0	21.8	61.8
108	51.9	42.3	82.3

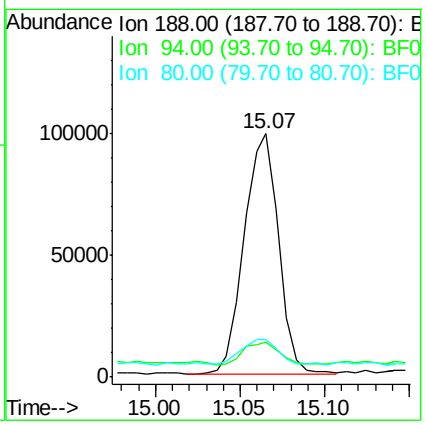


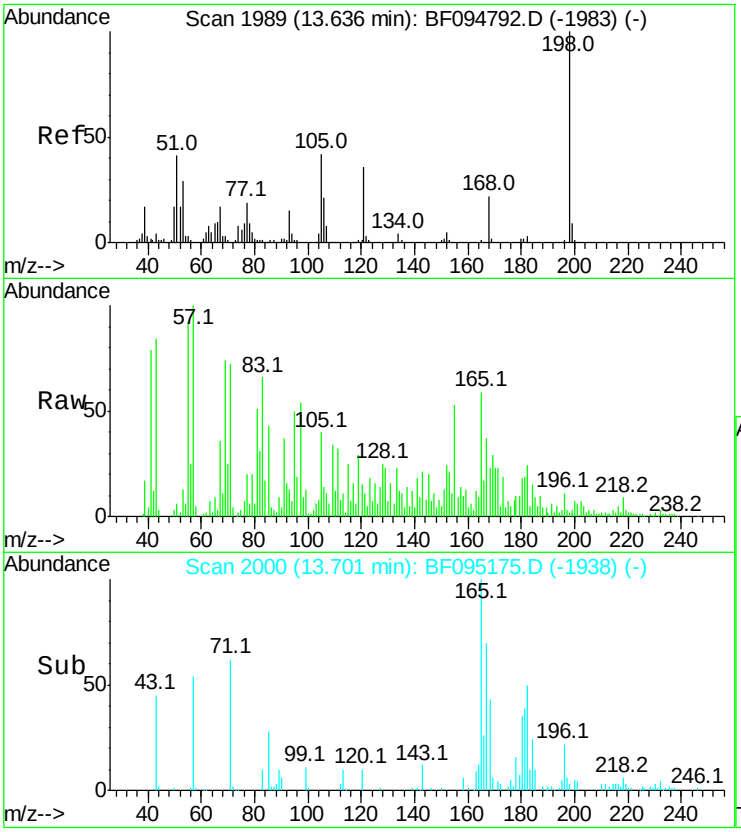


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.08 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:188 Resp: 140892

Ion	Ratio	Lower	Upper
188	100		
94	14.6	9.4	14.2#
80	15.6	10.2	15.2#



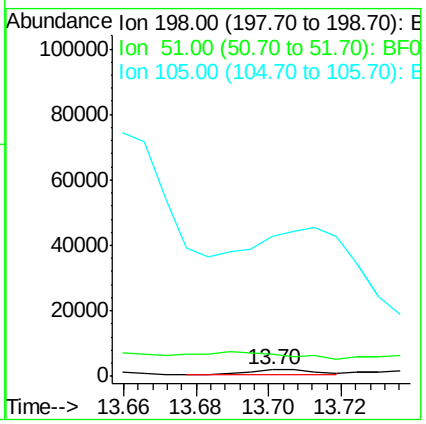


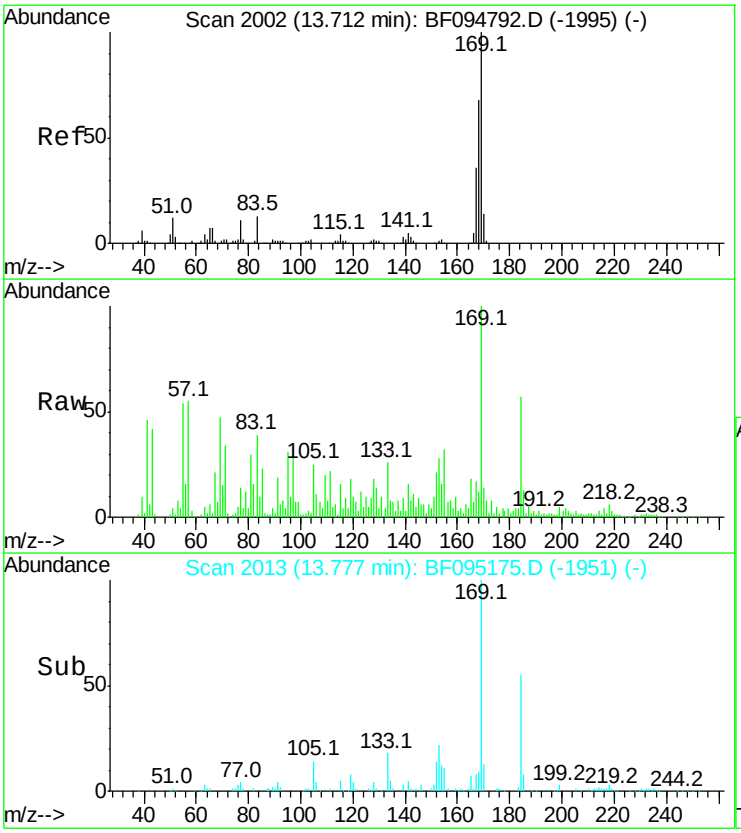
#64
4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 2239

Ion	Ratio	Lower	Upper
198	100		
51	341.9	53.2	93.2#
105	2151.1	45.8	85.8#

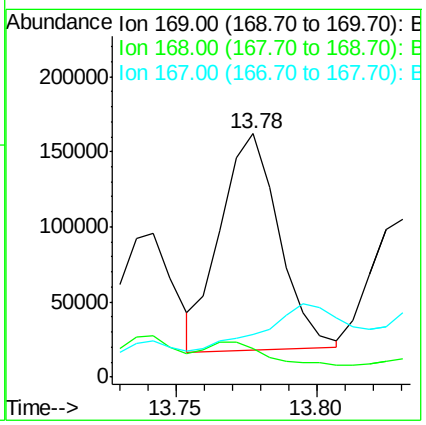


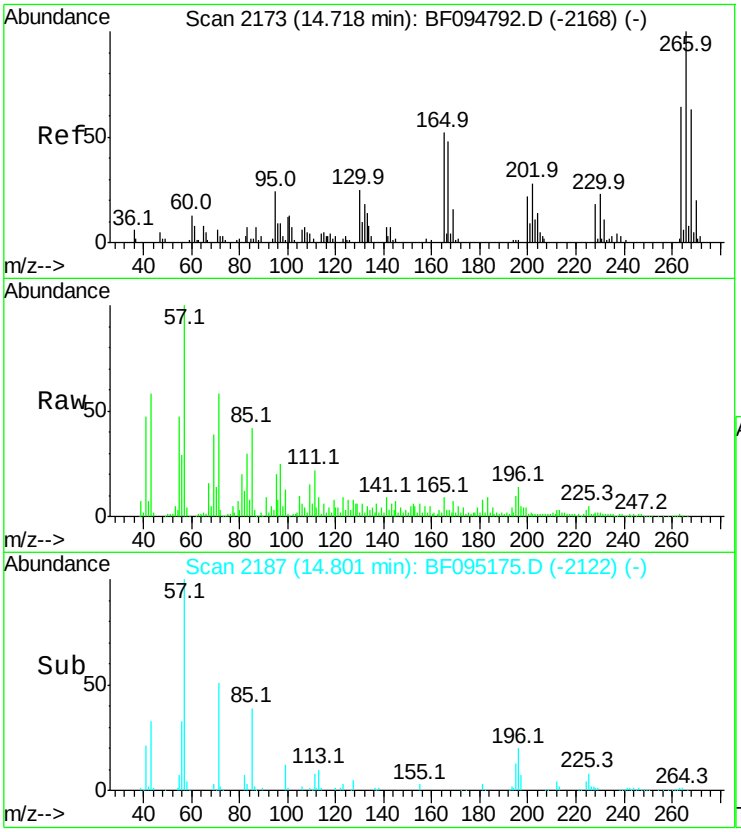


#65
n-Nitrosodiphenylamine
Concen: 40.71 ng
RT: 13.78 min Scan# 2013
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:169 Resp: 208177

Ion	Ratio	Lower	Upper
169	100		
168	11.7	53.2	79.8#
167	17.3	29.5	44.3#



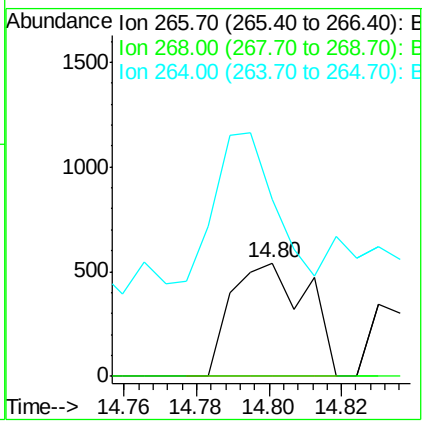


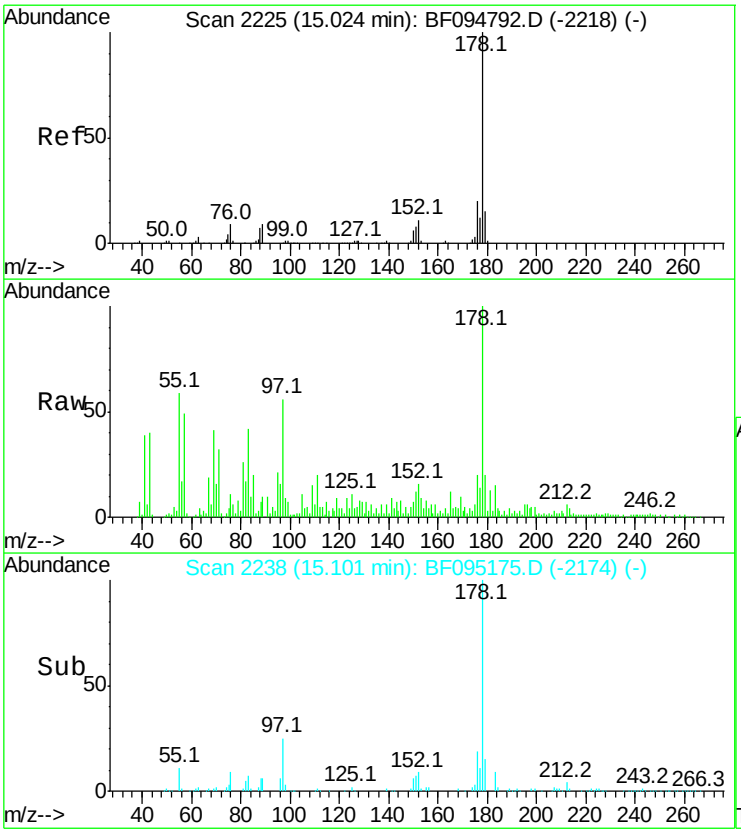
#69
Pentachlorophenol
Concen: 6.92 ng
RT: 14.80 min Scan# 2187
Delta R.T. 0.08 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 788

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	156.5	51.7	77.5#

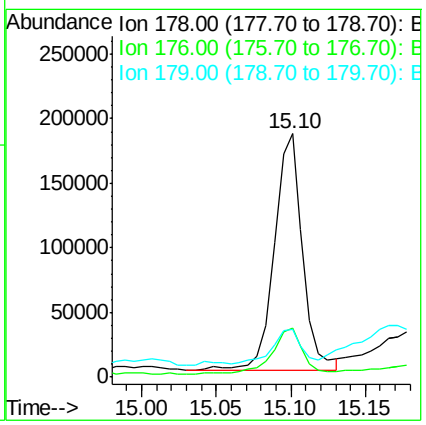


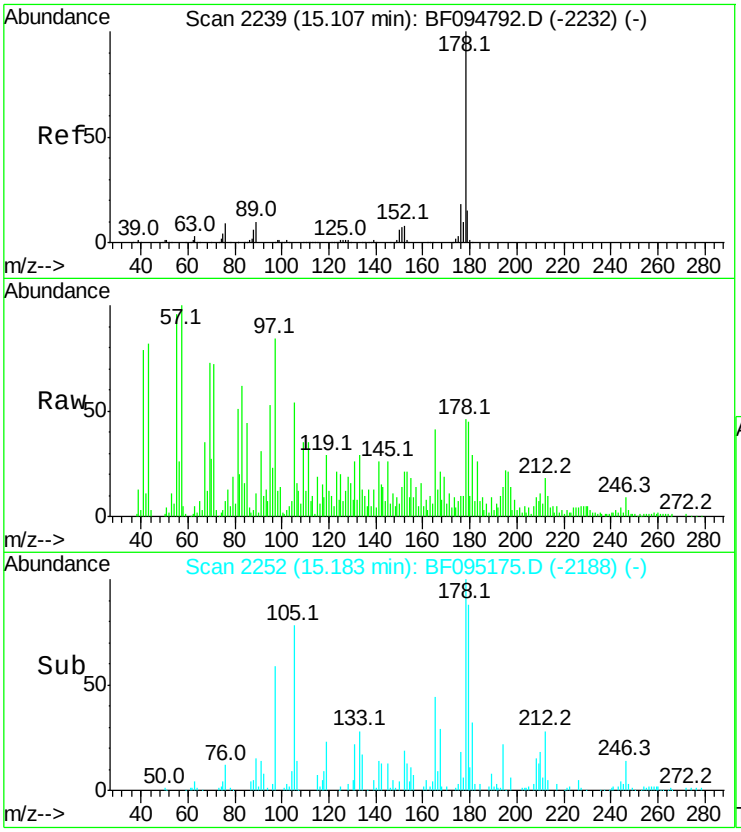


#70
Phenanthrene
Concen: 29.72 ng
RT: 15.10 min Scan# 2238
Delta R.T. 0.08 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:178 Resp: 240557

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	19.6	12.6	19.0#



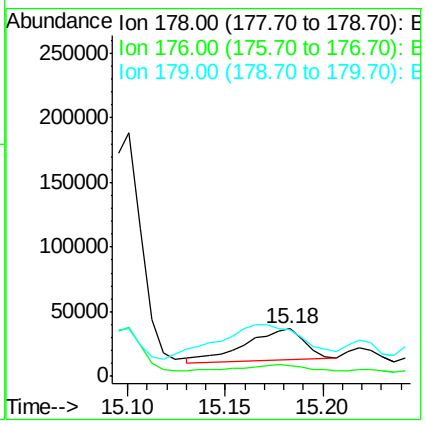


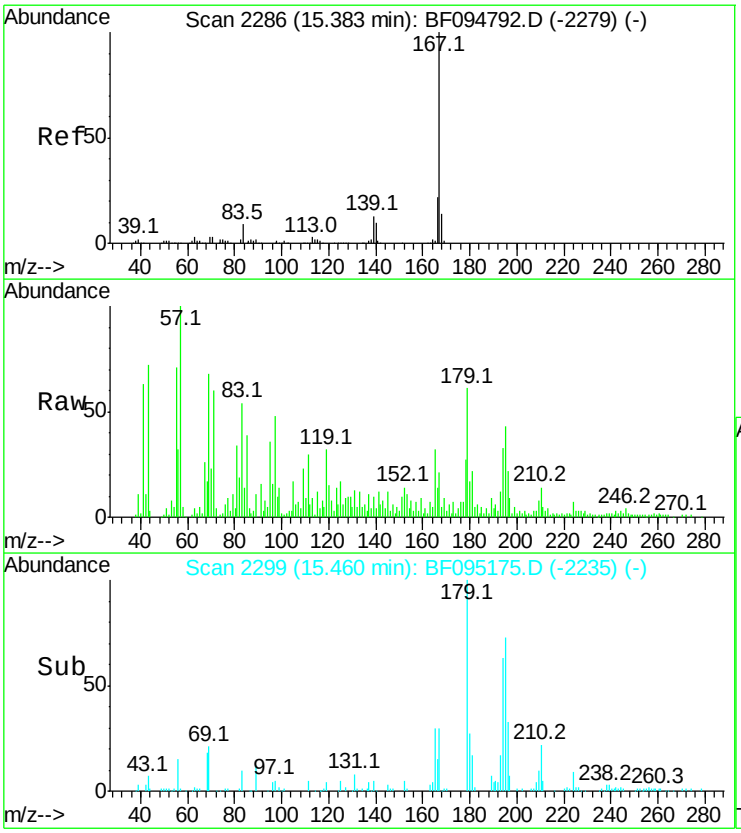
#71
Anthracene
Concen: 6.23 ng
RT: 15.18 min Scan# 2252
Delta R.T. 0.08 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 51495

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.8	23.8
179	98.4	12.7	19.1#

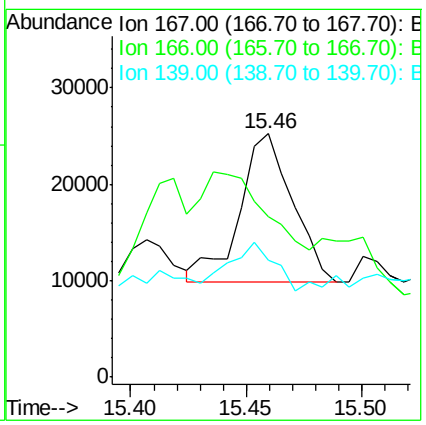


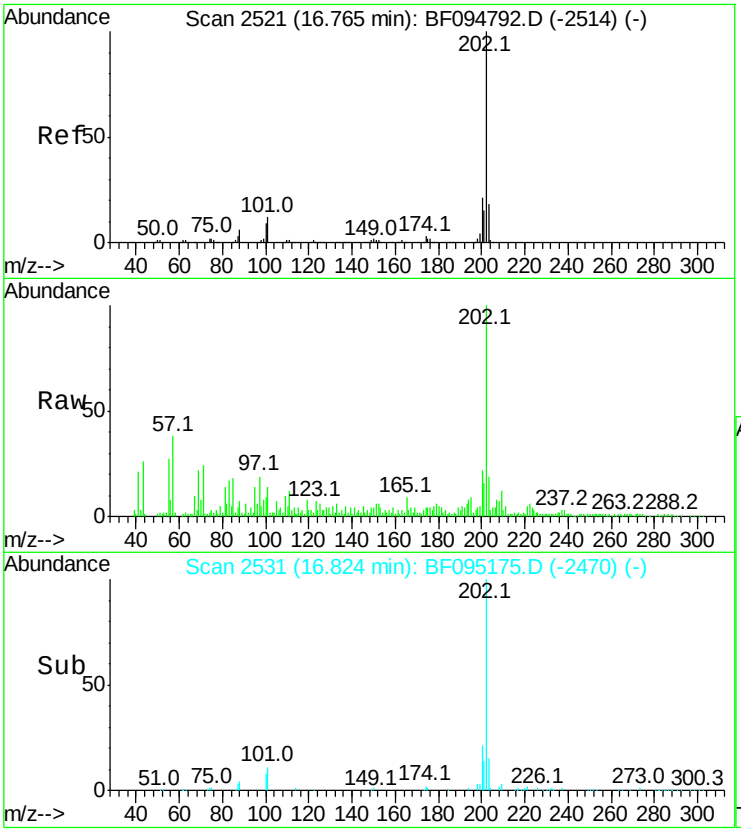


#72
Carbazole
Concen: 3.24 ng
RT: 15.46 min Scan# 2299
Delta R.T. 0.08 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:167 Resp: 24402

Ion	Ratio	Lower	Upper
167	100		
166	65.9	18.1	27.1#
139	48.0	11.7	17.5#



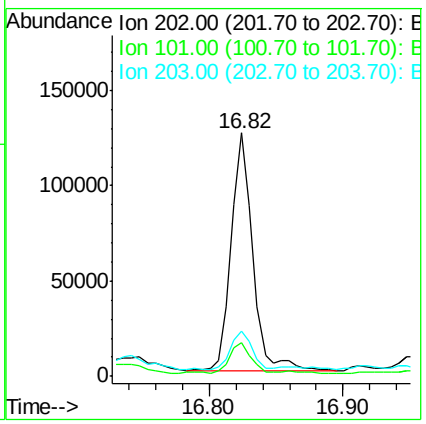


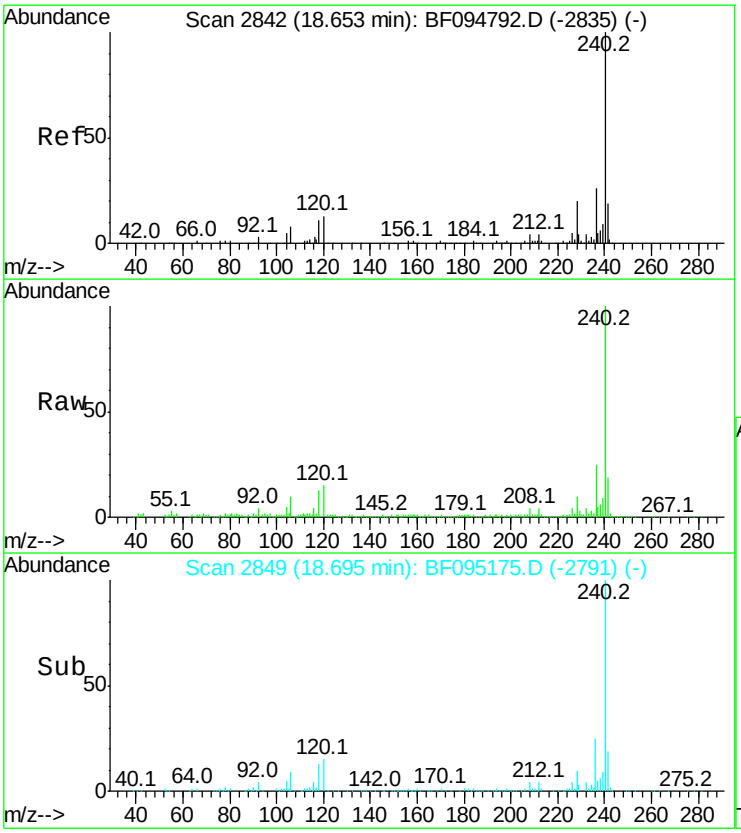
#74
Fluoranthene
Concen: 17.29 ng
RT: 16.82 min Scan# 2531
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 143600

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	18.8	0.0	38.1

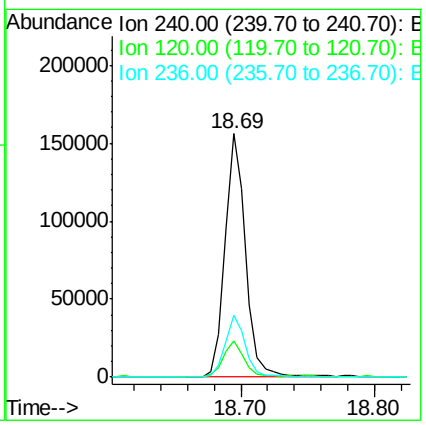


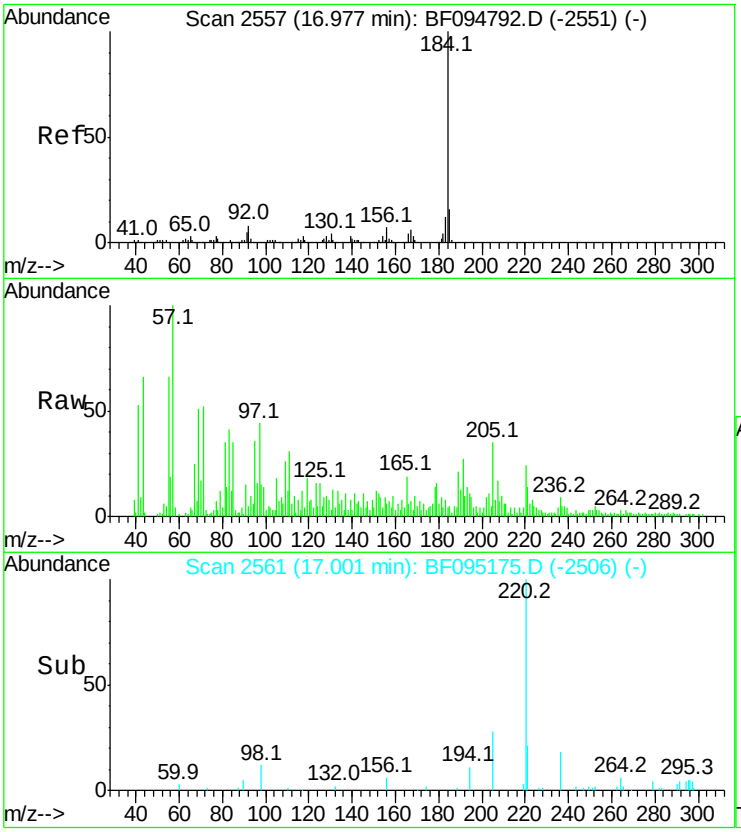


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:240 Resp: 170121

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.2	20.5	30.7



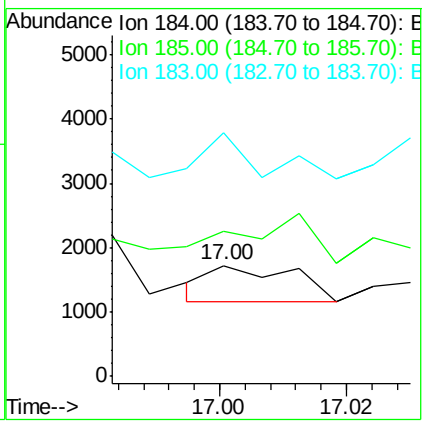


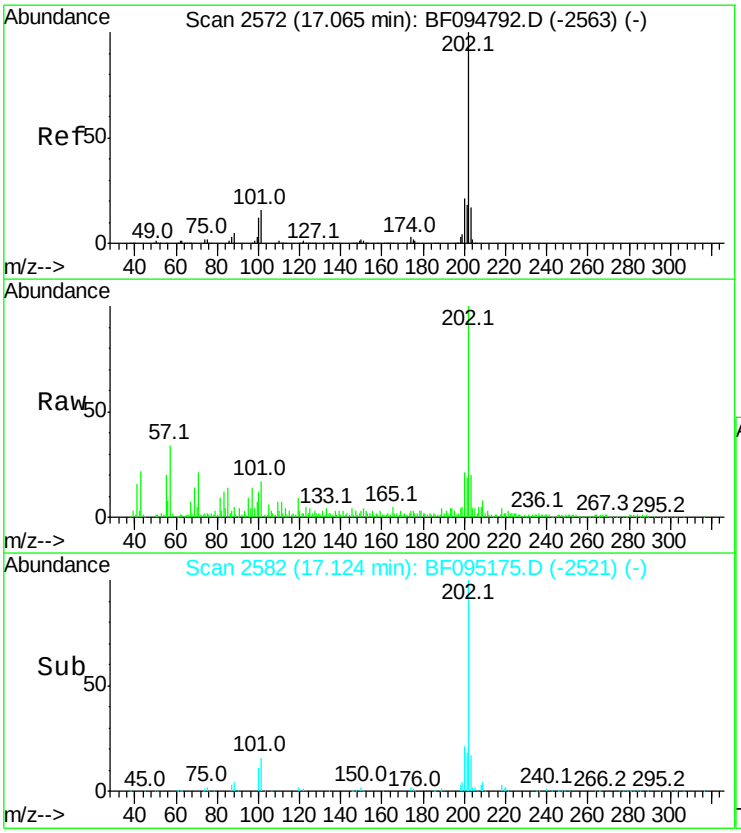
#76
Benzidine
Concen: 6.69 ng
RT: 17.00 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 515

Ion	Ratio	Lower	Upper
184	100		
185	131.2	15.5	23.3#
183	220.0	9.8	14.6#

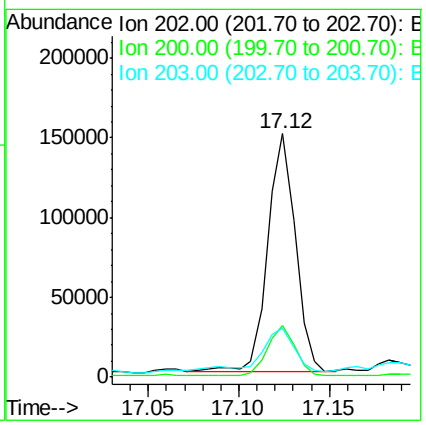


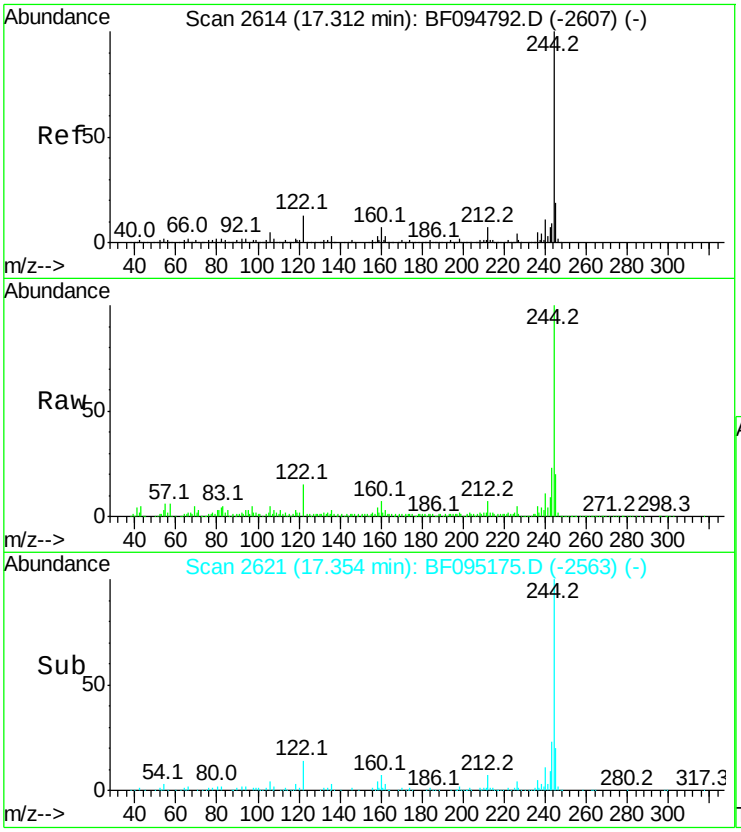


#77
Pyrene
Concen: 12.45 ng
RT: 17.12 min Scan# 2582
Delta R.T. 0.06 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:202 Resp: 158372

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	20.1	14.4	21.6



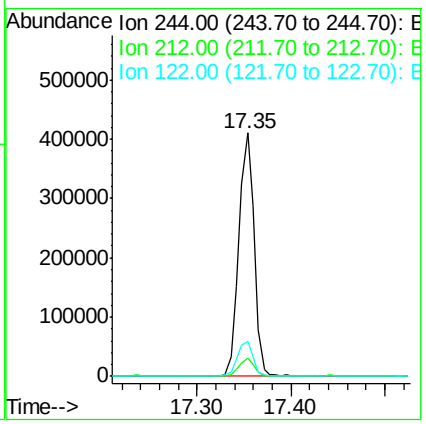


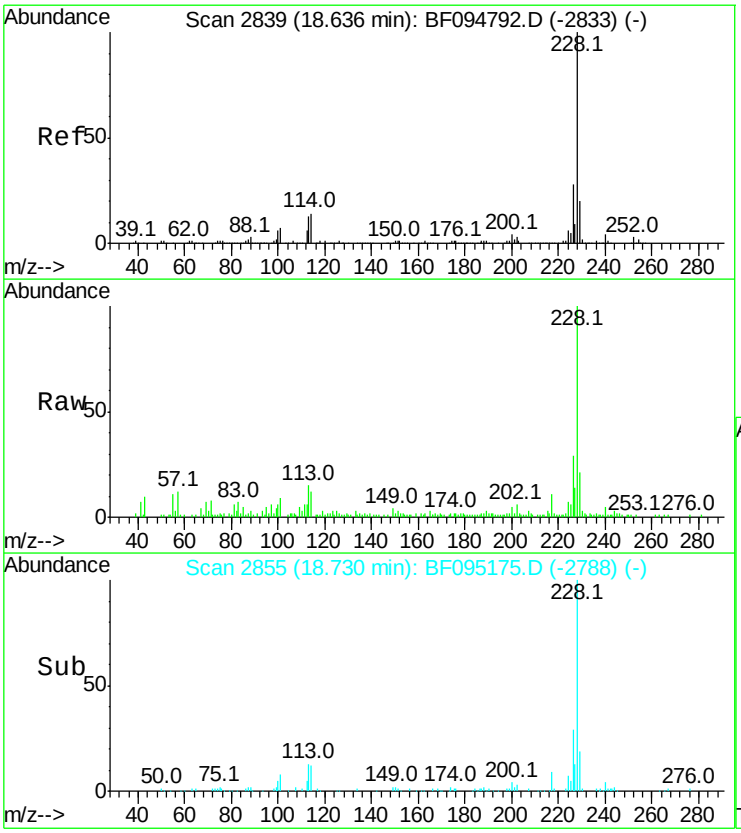
#78
Terphenyl-d14
Concen: 60.40 ng
RT: 17.35 min Scan# 2621
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 466522

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.6	10.3	15.5

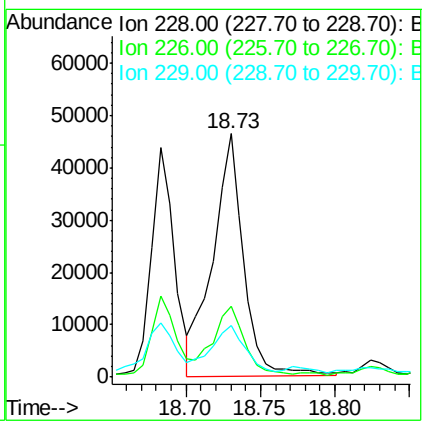


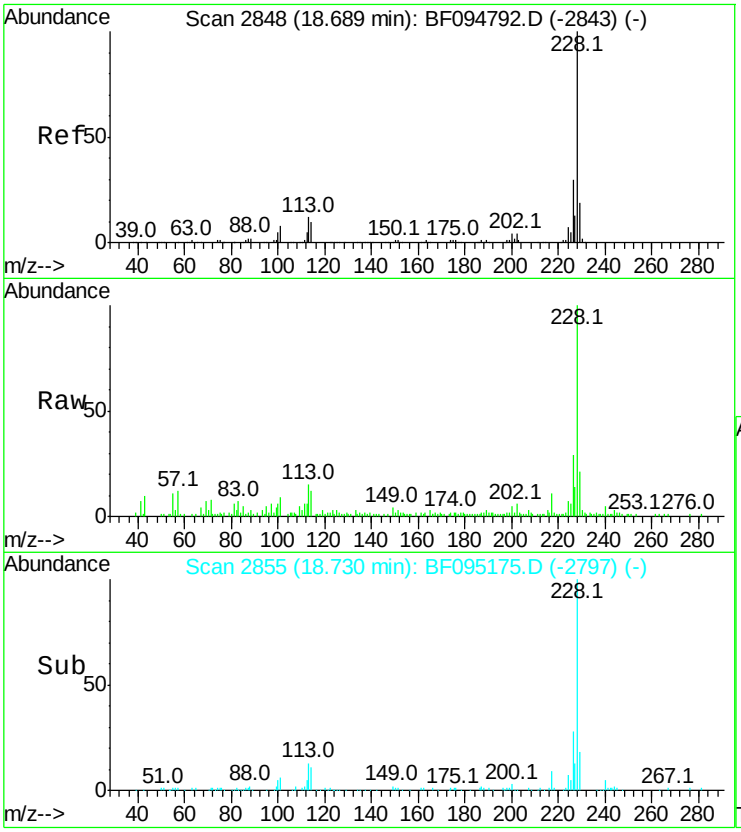


#80
Benzo(a)anthracene
Concen: 6.81 ng
RT: 18.73 min Scan# 2855
Delta R.T. 0.09 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:228 Resp: 67423

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.2	16.3	24.5



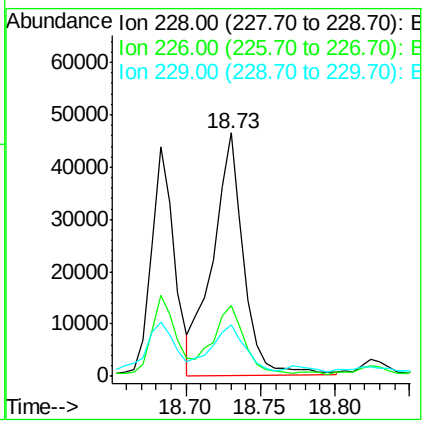


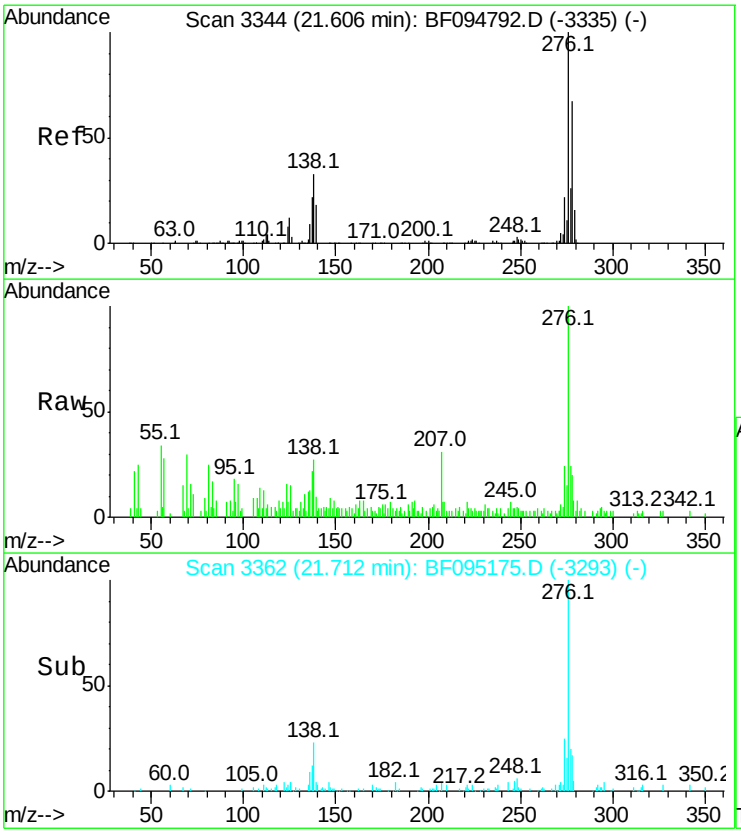
#82
Chrysene
Concen: 7.04 ng
RT: 18.73 min Scan# 2855
Delta R.T. 0.04 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 67423

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.2	15.8	23.6

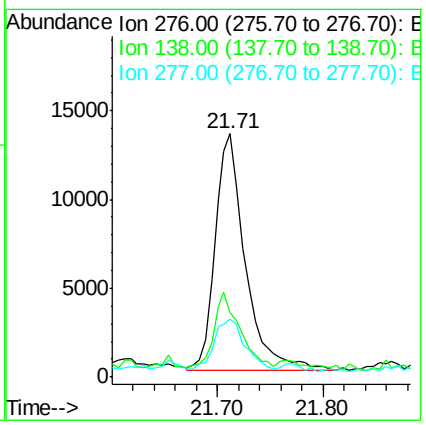


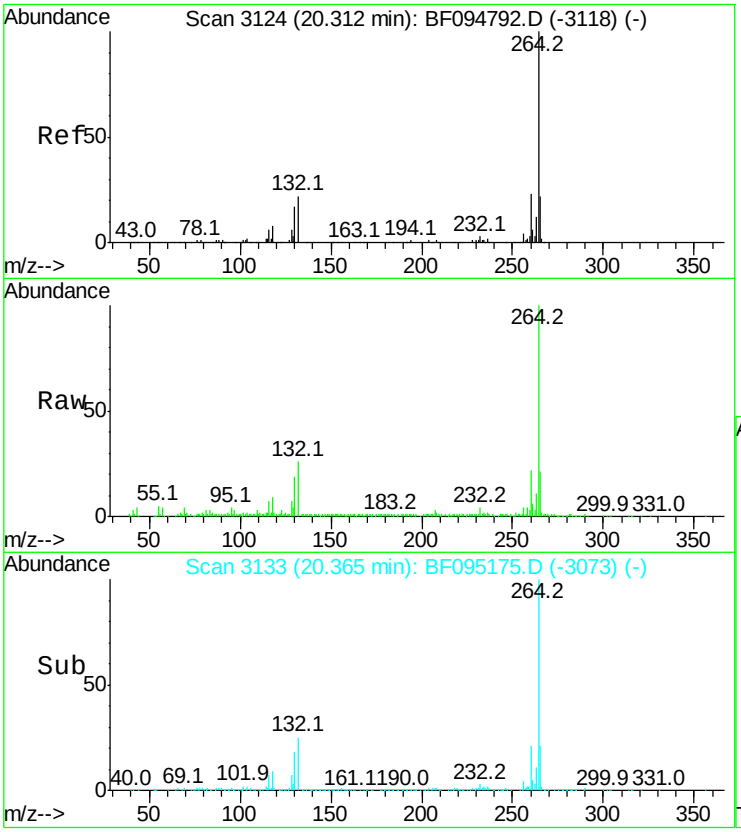


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.42 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.11 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:276 Resp: 26609

Ion	Ratio	Lower	Upper
276	100		
138	27.4	27.8	41.6#
277	22.7	20.2	30.4



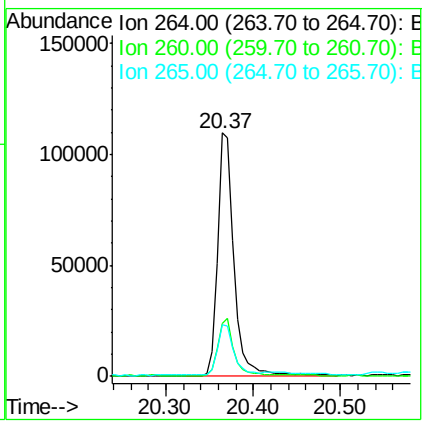


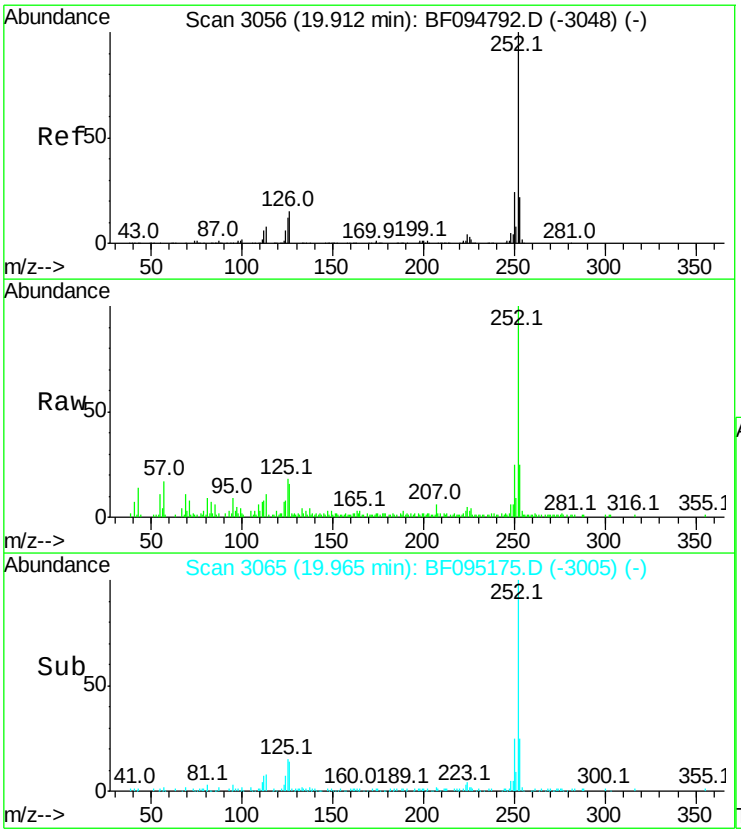
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 144060

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	21.4	17.2	25.8

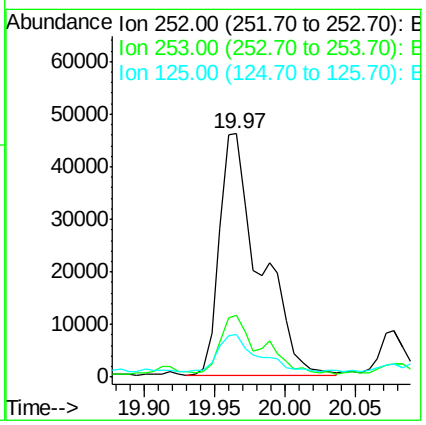


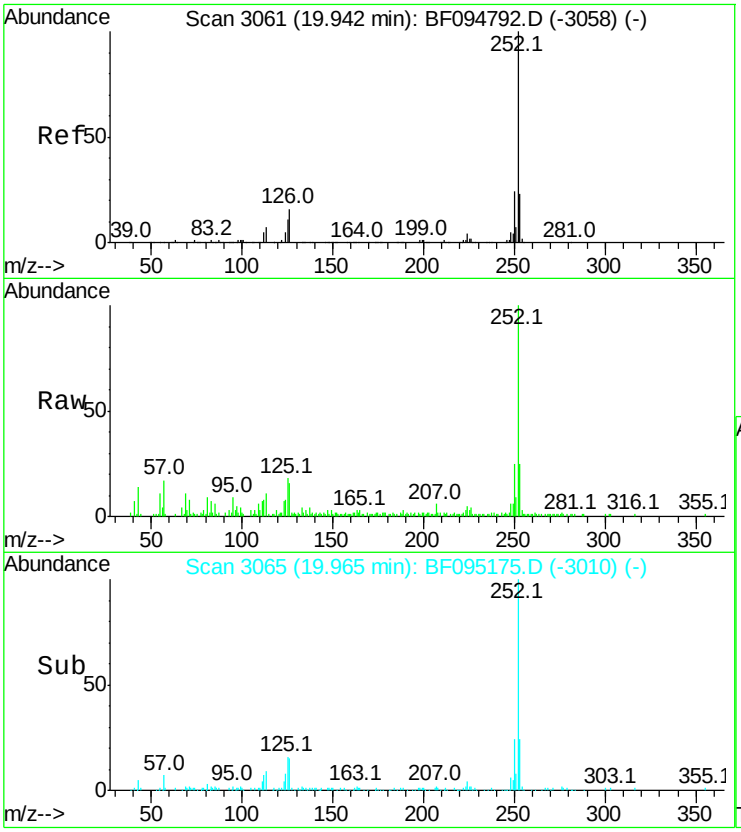


#87
Benzo(b)fluoranthene
Concen: 10.38 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:252 Resp: 92409

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	17.7	9.8	14.8#



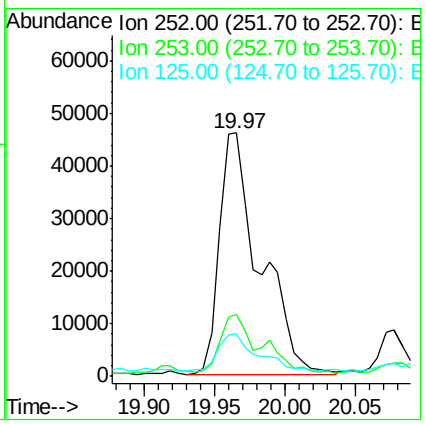


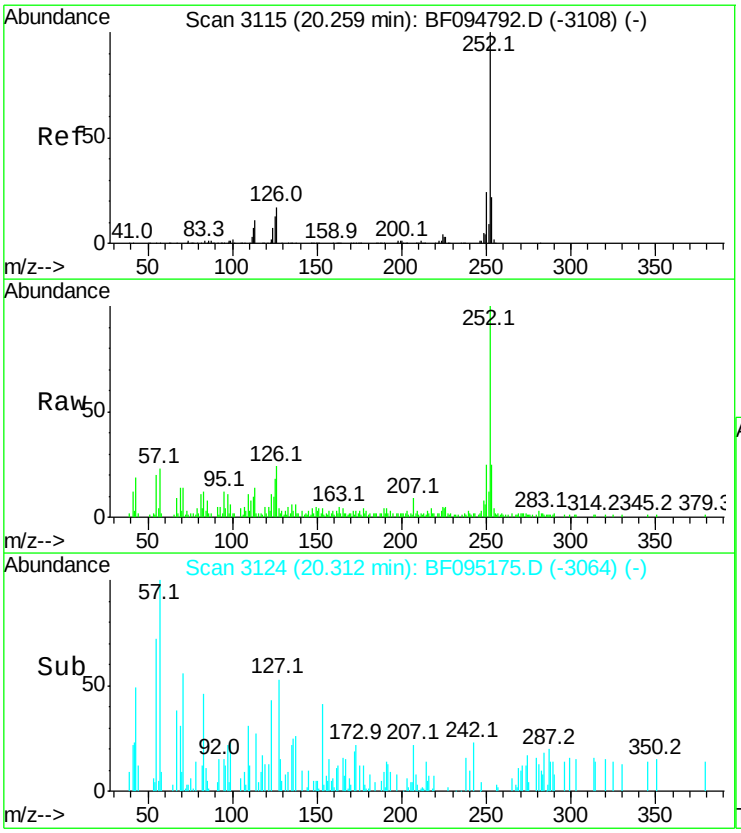
#88
Benzo(k)fluoranthene
Concen: 10.76 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.02 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 92409

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	17.7	13.1	19.7

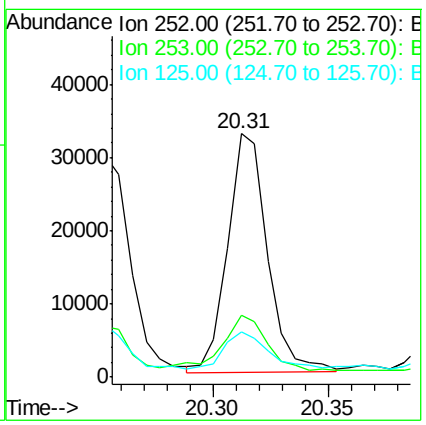


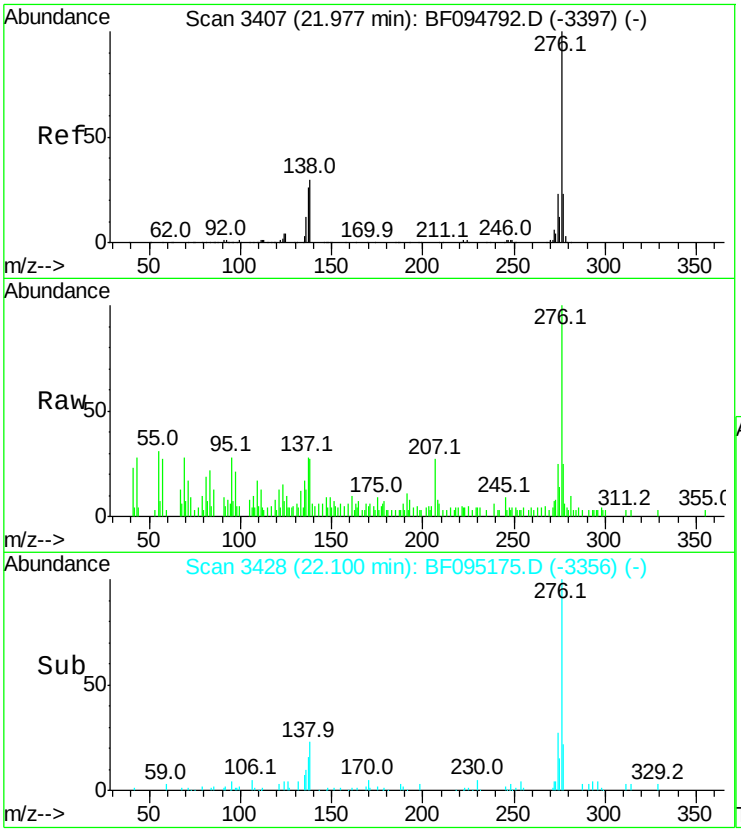


#89
Benzo(a)pyrene
Concen: 4.80 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Tgt Ion:252 Resp: 39406

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	18.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.76 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.12 min
Lab File: BF095175.D
Acq: 17 May 2017 1:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25017

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	27.2	25.4	38.0