Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095215.D
Acq On : 18 May 2017 9:12
Operator : SJ/MA
Sample : I3192-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 18 11:35:04 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	82025	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	300546	20.00	ng		0.04
38) Acenaphthene-d10	12.64	164	122694	20.00	ng		0.05
63) Phenanthrene-d10	15.04	188	177974	20.00	ng		0.06
75) Chrysene-d12	18.69	240	180461	20.00	ng		0.04
86) Perylene-d12	20.37	264	130428	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	1179355	239.71	ng		0.07
7) Phenol-d6	7.32	99	1406436	238.25	ng		0.05
23) Nitrobenzene-d5	8.68	82	770590	161.68	ng		0.05
41) 2,4,6-Tribromophenol	13.94	330	195635	194.70	ng		0.06
44) 2-Fluorobiphenyl	11.58	172	1168235	137.05	ng		0.05
78) Terphenyl-d14	17.35	244	819240	99.99	ng		0.04
Target Compounds							Qvalue
9) Benzaldehyde	7.10	77	23622	6.55	ng	#	1
10) Phenol	7.34	94	44794	7.20	ng		87
18) Hexachloroethane	8.57	117	26565	12.17	ng	#	1
19) n-Nitroso-di-n-propylamine	8.50	70	10175	2.55	ng	#	66
22) Acetophenone	8.41	105	322291	44.69	ng	#	49
29) 2,4-Dichlorophenol	9.59	162	8329	2.02	ng	#	13
31) Naphthalene	9.83	128	166272	11.01	ng	#	95
32) Benzoic acid	9.67	122	3559	6.19	ng	#	9
35) Caprolactam	10.60	113	73977	59.87	ng	#	62
36) 4-Chloro-3-methylphenol	10.84	107	11290	2.57	ng	#	33
37) 2-Methylnaphthalene	10.97	142	356972	36.01	ng		99
45) 1,1'-Biphenyl	11.72	154	27360	2.65	ng		79
49) Dimethylphthalate	12.26	163	182278	18.10	ng	#	97
50) 2,6-Dinitrotoluene	12.34	165	4307	2.10	ng	#	81
51) Acenaphthene	12.68	154	33949	4.35	ng	#	60
52) 3-Nitroaniline	12.61	138	4575	2.07	ng	#	69
53) 2,4-Dinitrophenol	12.82	184	146	6.37	ng	#	1
55) 4-Nitrophenol	12.98	139	16775	12.66	ng	#	11
56) 2,4-Dinitrotoluene	13.01	165	6354	2.41	ng	#	63
57) Fluorene	13.54	166	48209	5.13	ng	#	83
60) 4-Chlorophenyl-phenylether	13.32	204	9877	2.39	ng		85
61) 4-Nitroaniline	13.39	138	4338	2.14	ng		87
65) n-Nitrosodiphenylamine	13.75	169	52276	8.09	ng	#	52
68) Atrazine	14.70	200	5250	2.88	ng	#	45
69) Pentachlorophenol	14.54	266	1032	6.96	ng	#	18
70) Phenanthrene	15.08	178	52644	5.15	ng	#	90
76) Benzidine	17.02	184	275	6.64	ng	#	1

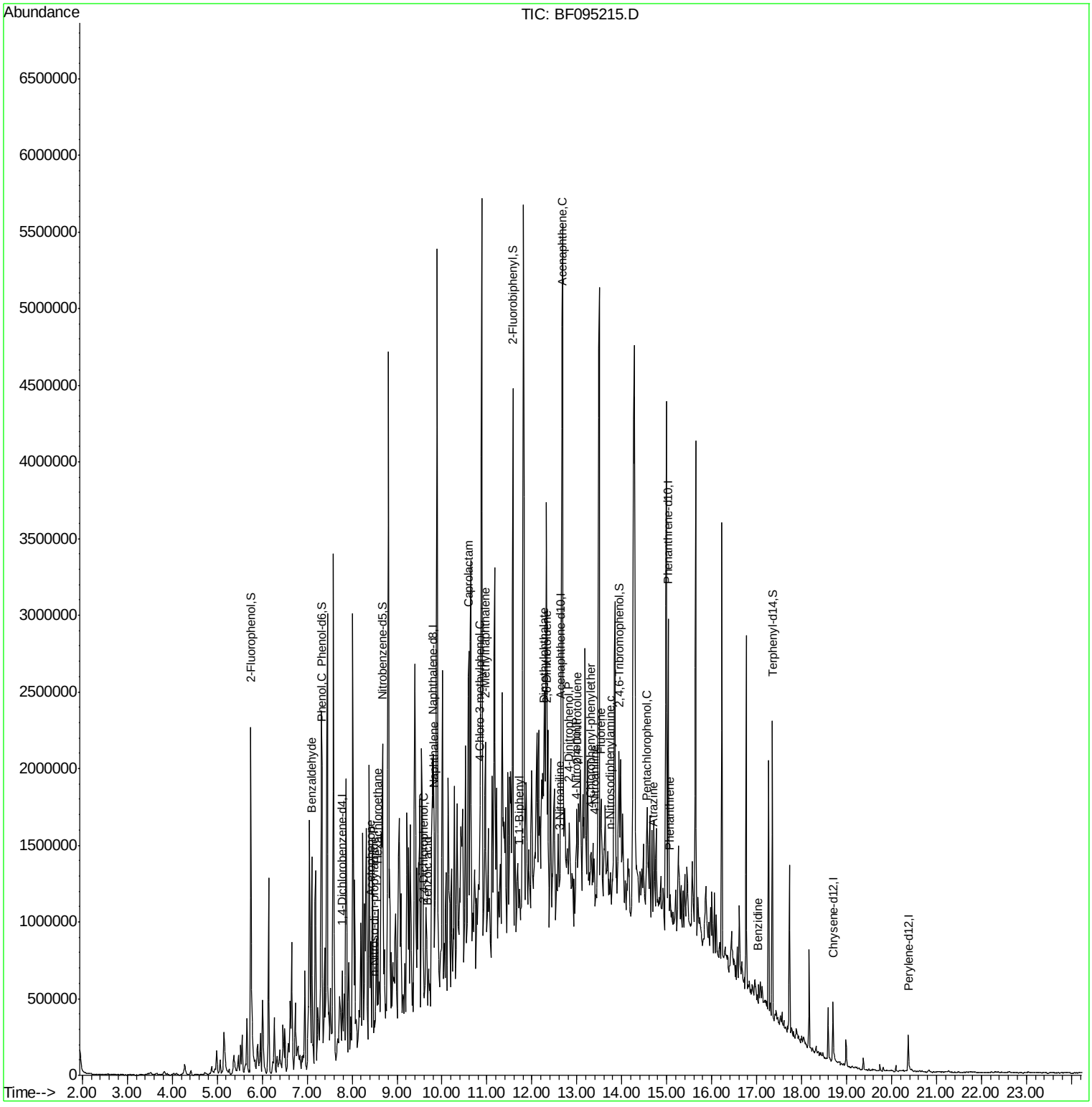
(#) = qualifier out of range (m) = manual integration (+) = signals summed

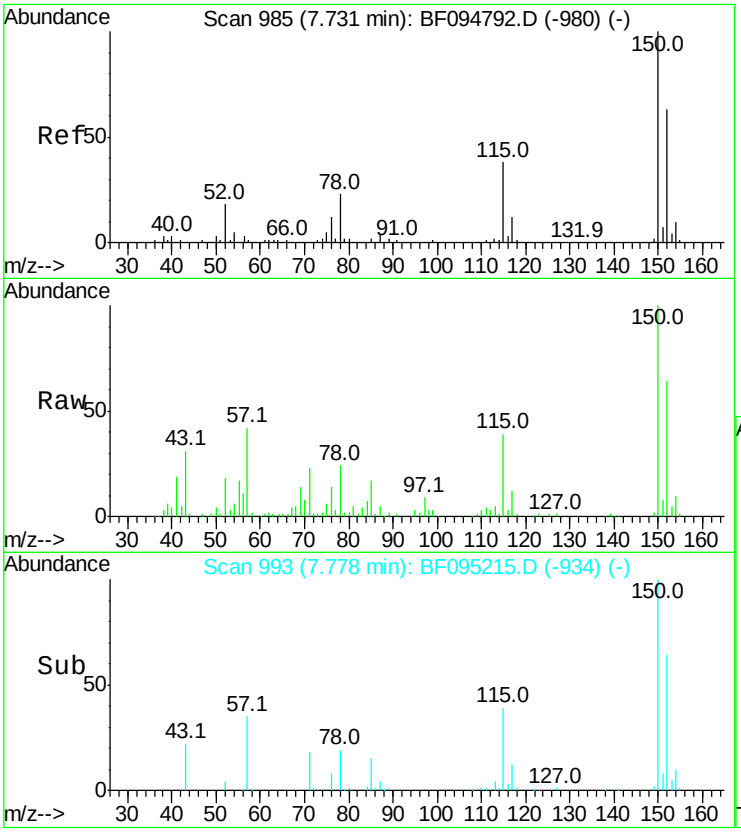
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095215.D
Acq On : 18 May 2017 9:12
Operator : SJ/MA
Sample : I3192-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 18 11:35:04 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



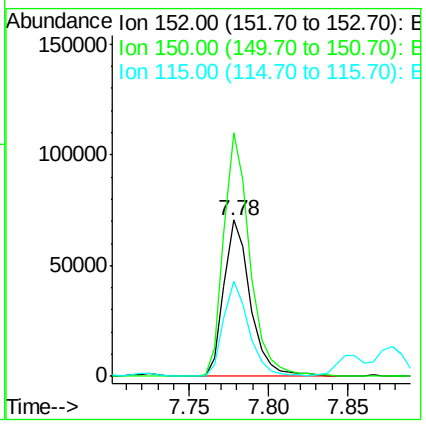


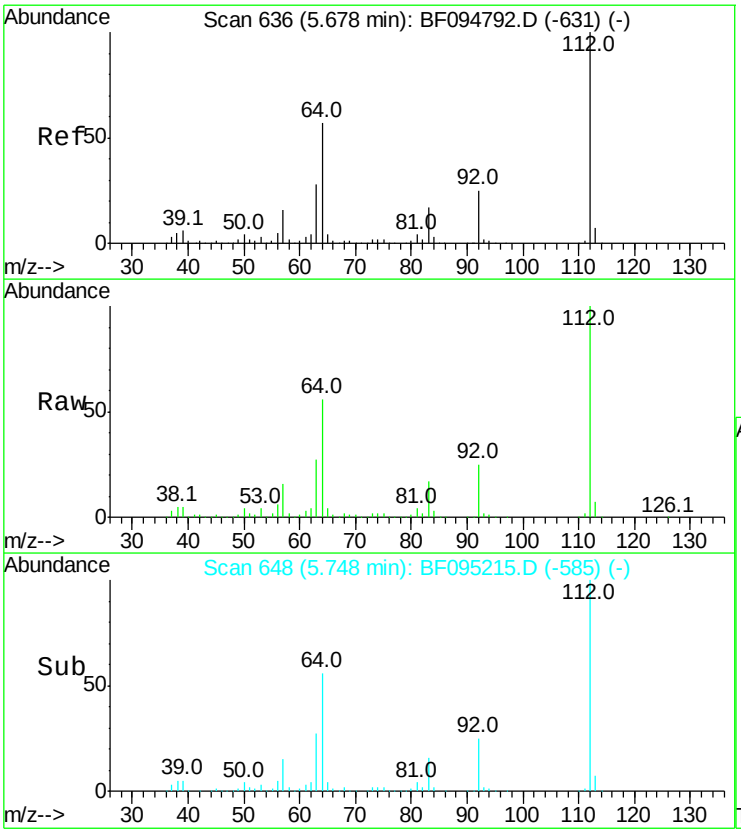
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 82025

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	61.0	52.2	78.2

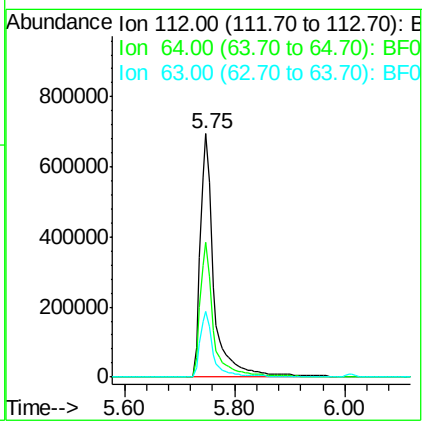


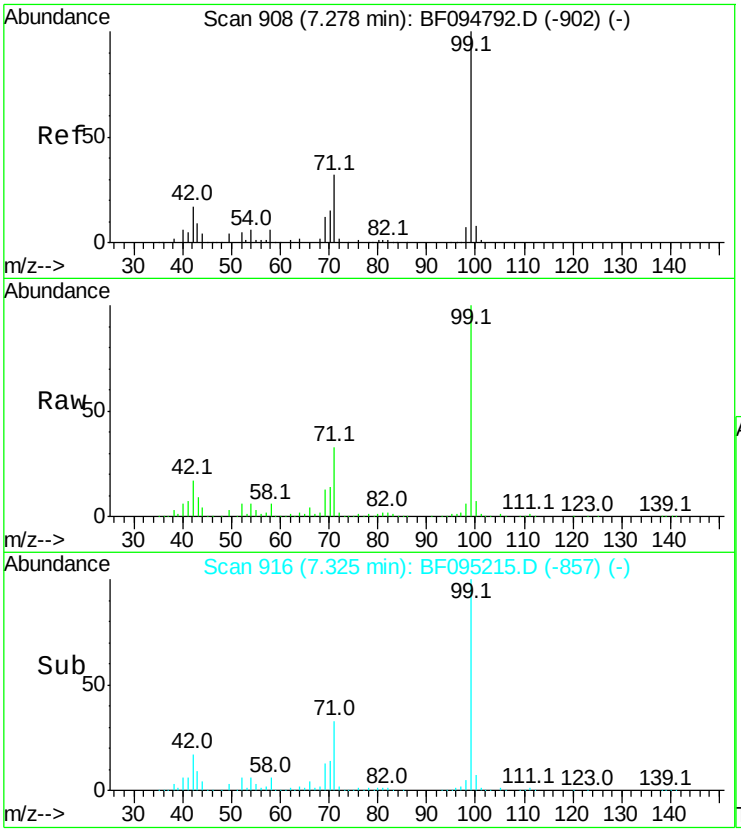


#5
2-Fluorophenol
Concen: 239.71 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:112 Resp: 1179355

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.2	23.4	35.0



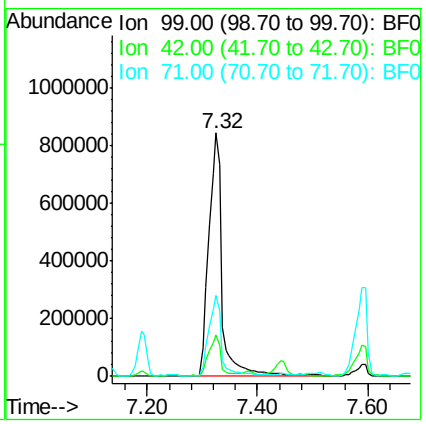


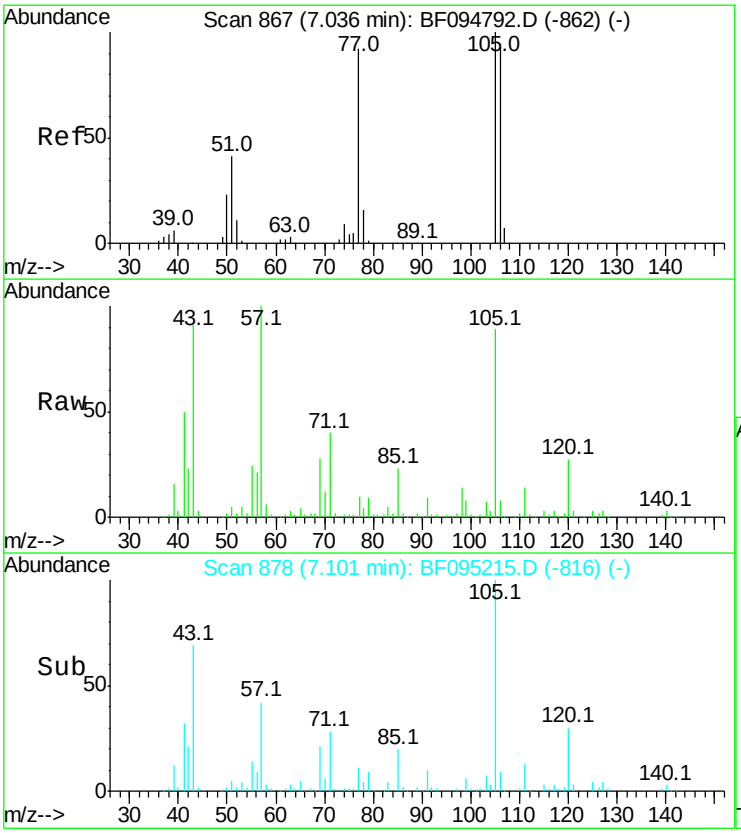
#7
Phenol-d6
Concen: 238.25 ng
RT: 7.32 min Scan# 916
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1406436

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	33.4	24.5	36.7

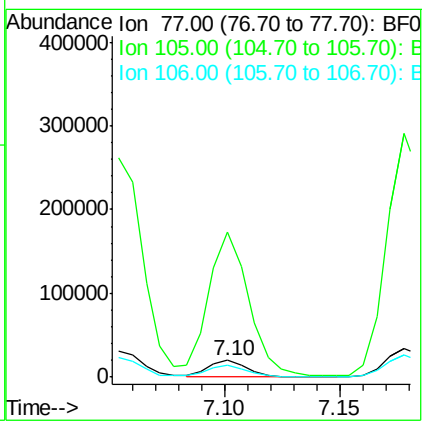


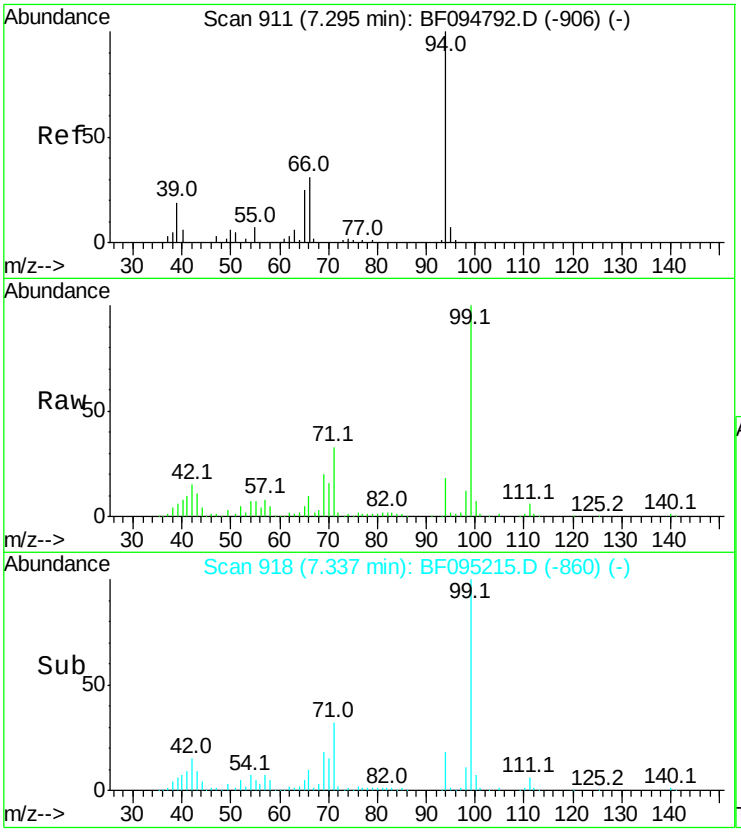


#9
Benzaldehyde
Concen: 6.55 ng
RT: 7.10 min Scan# 878
Delta R.T. 0.06 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion: 77 Resp: 23622

Ion	Ratio	Lower	Upper
77	100		
105	867.1	83.8	123.8#
106	73.9	79.1	119.1#



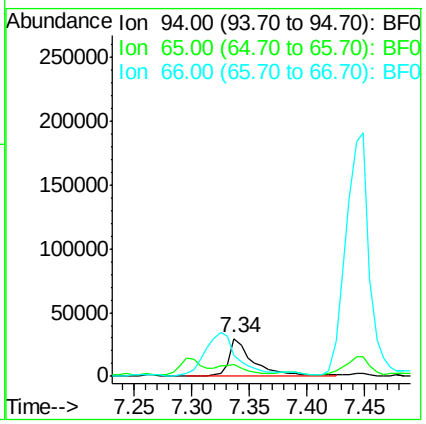


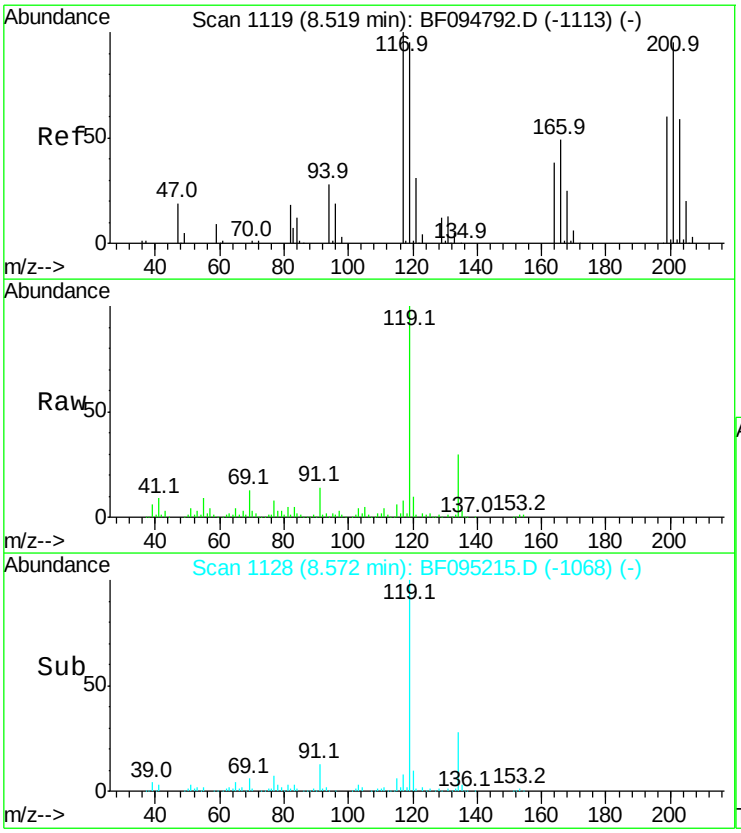
#10
Phenol
Concen: 7.20 ng
RT: 7.34 min Scan# 918
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 44794

Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.9	49.9
66	56.0	23.1	63.1

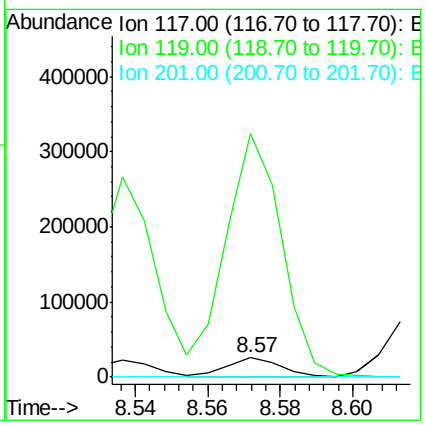


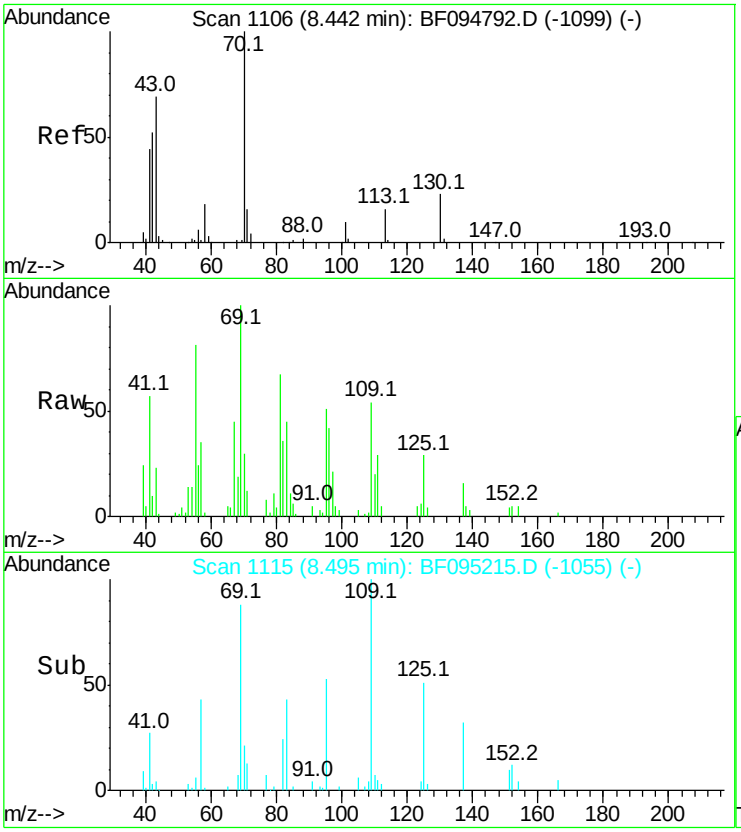


#18
Hexachloroethane
Concen: 12.17 ng
RT: 8.57 min Scan# 1128
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:117 Resp: 26565

Ion	Ratio	Lower	Upper
117	100		
119	1278.4	77.4	116.0#
201	0.0	94.6	141.8#



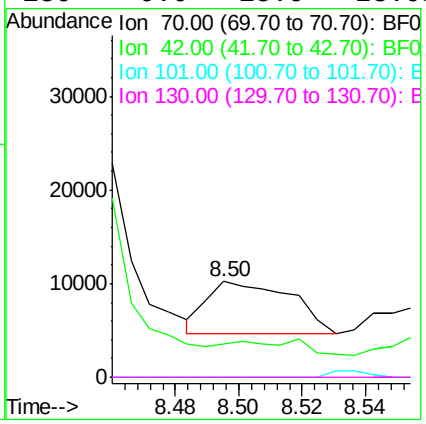


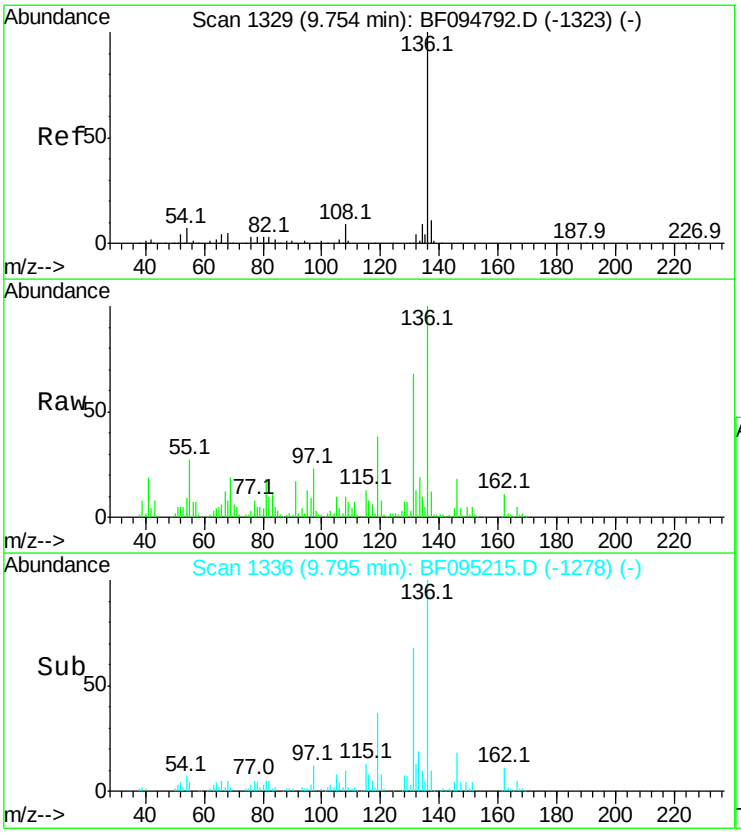
#19
n-Nitroso-di-n-propylamine
Concen: 2.55 ng
RT: 8.50 min Scan# 1115
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 10175

Ion	Ratio	Lower	Upper
70	100		
42	35.3	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#

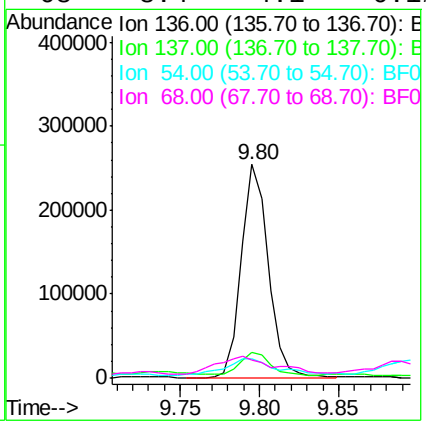


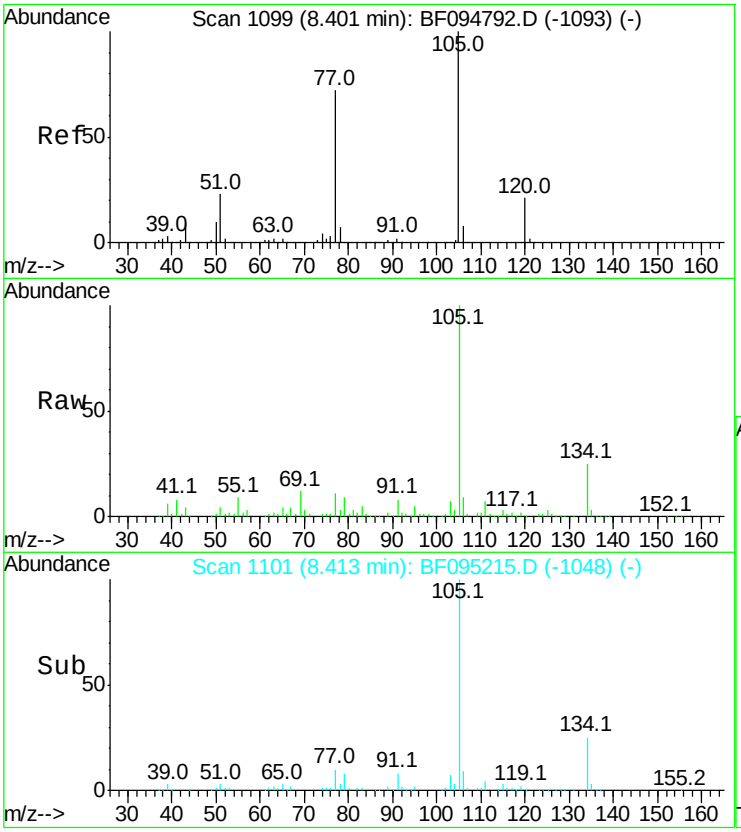


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:136 Resp: 300546

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	9.2	4.9	7.3#
68	8.4	4.1	6.1#



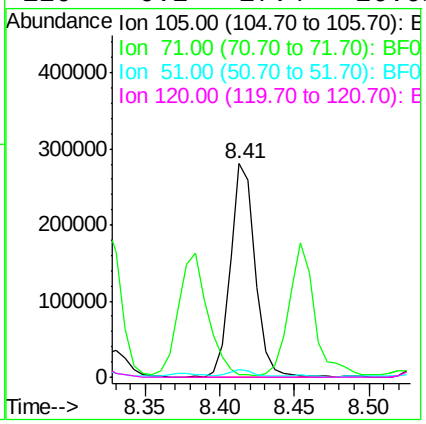


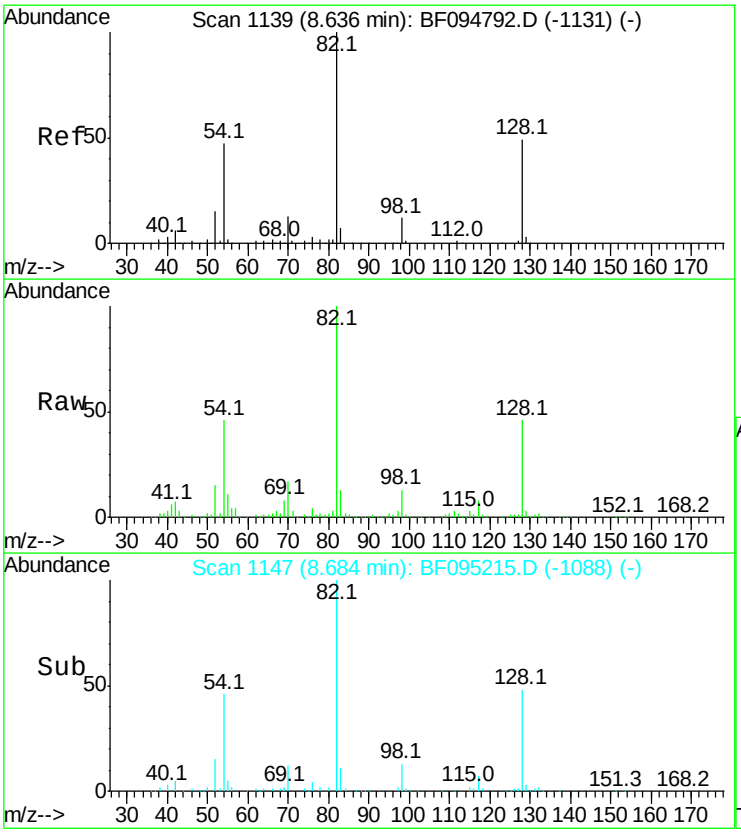
#22
Acetophenone
Concen: 44.69 ng
RT: 8.41 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 322291

Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.8	4.2#
51	3.6	30.7	46.1#
120	0.2	17.4	26.0#

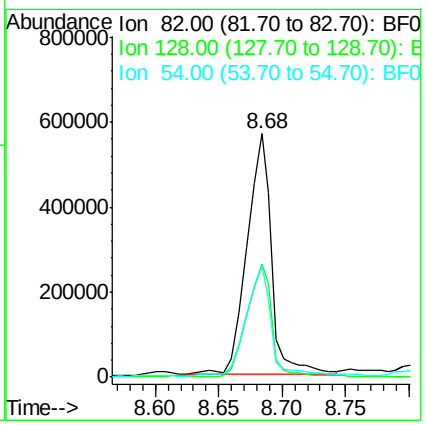


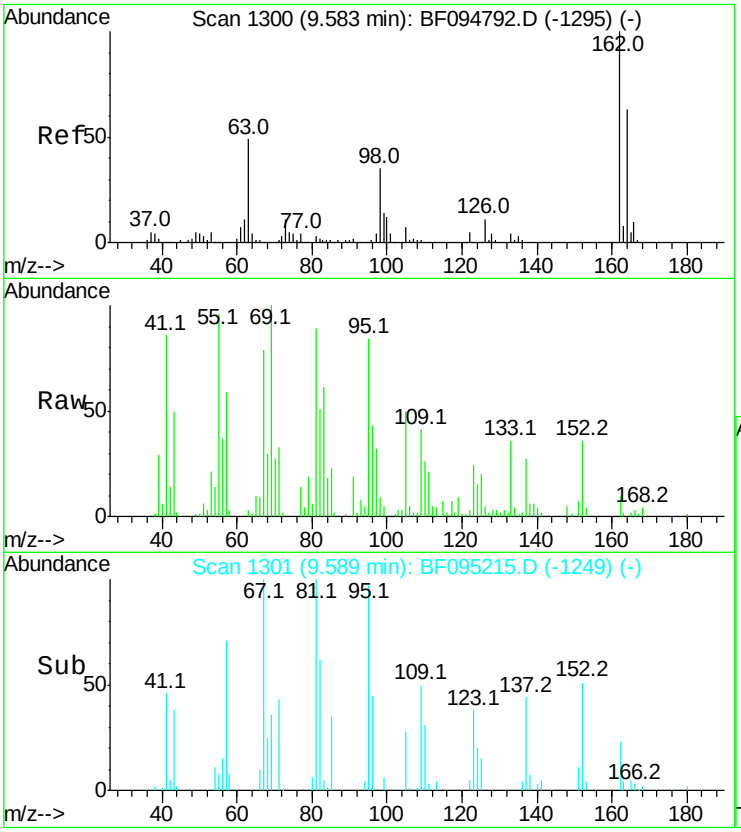


#23
Nitrobenzene-d5
Concen: 161.68 ng
RT: 8.68 min Scan# 1147
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion: 82 Resp: 770590

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	46.1	42.2	63.2



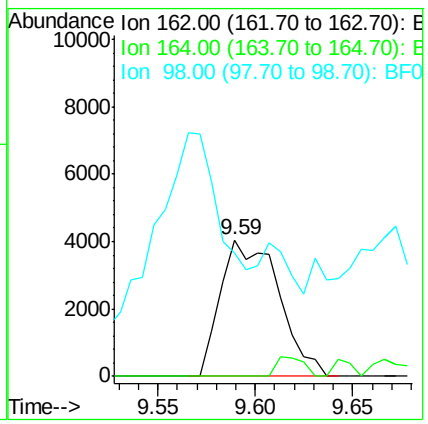


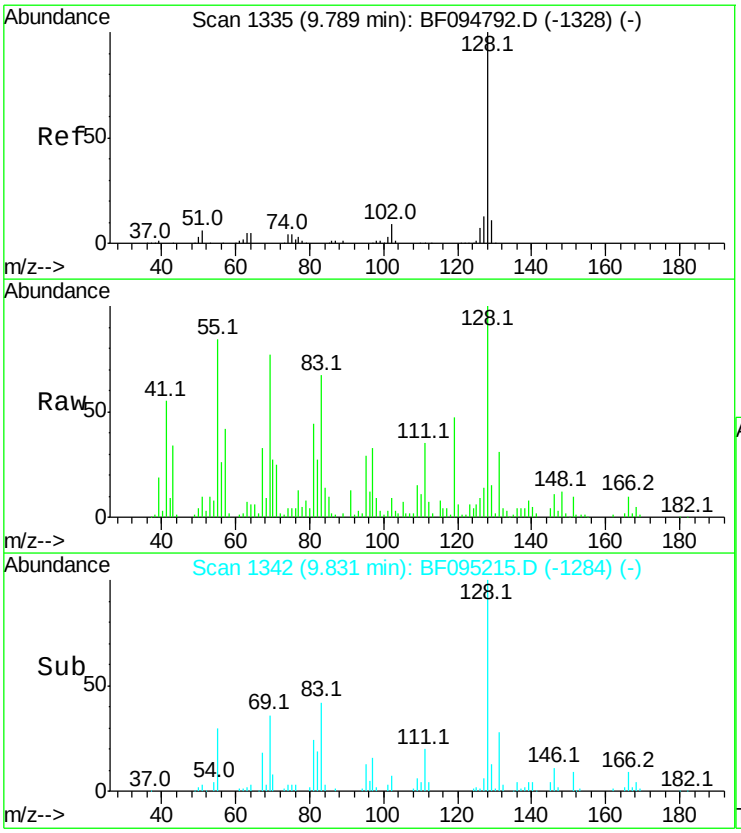
#29
2,4-Dichlorophenol
Concen: 2.02 ng
RT: 9.59 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 8329

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	90.7	14.8	54.8#

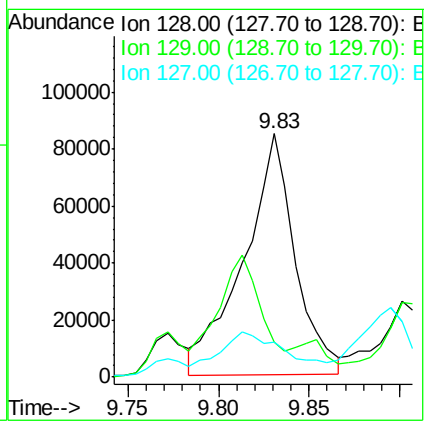


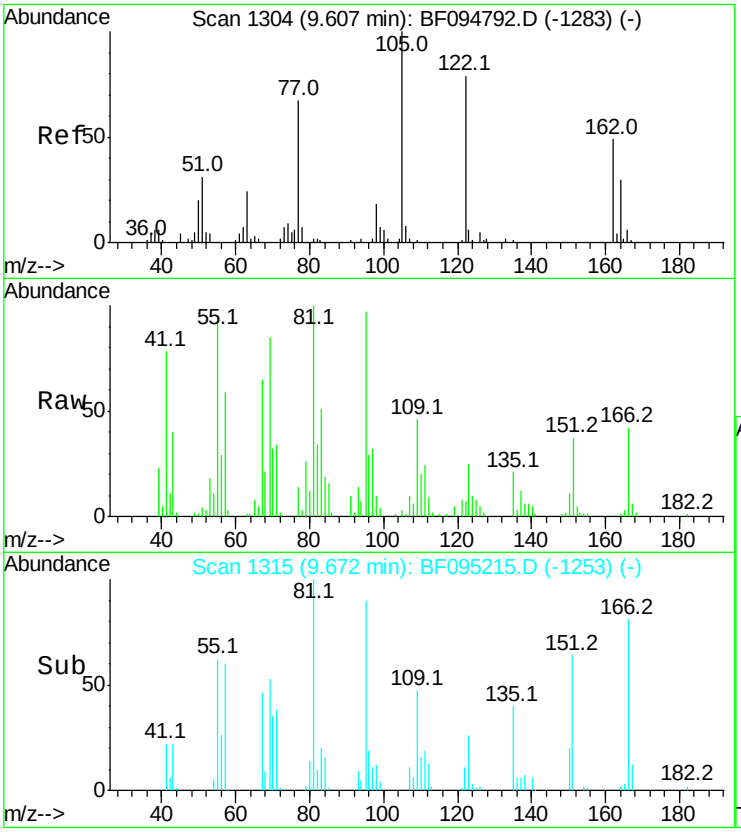


#31
Naphthalene
Concen: 11.01 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:128 Resp: 166272

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.0	13.6#
127	14.4	10.8	16.2



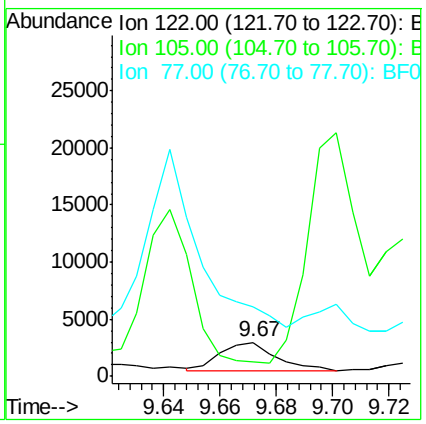


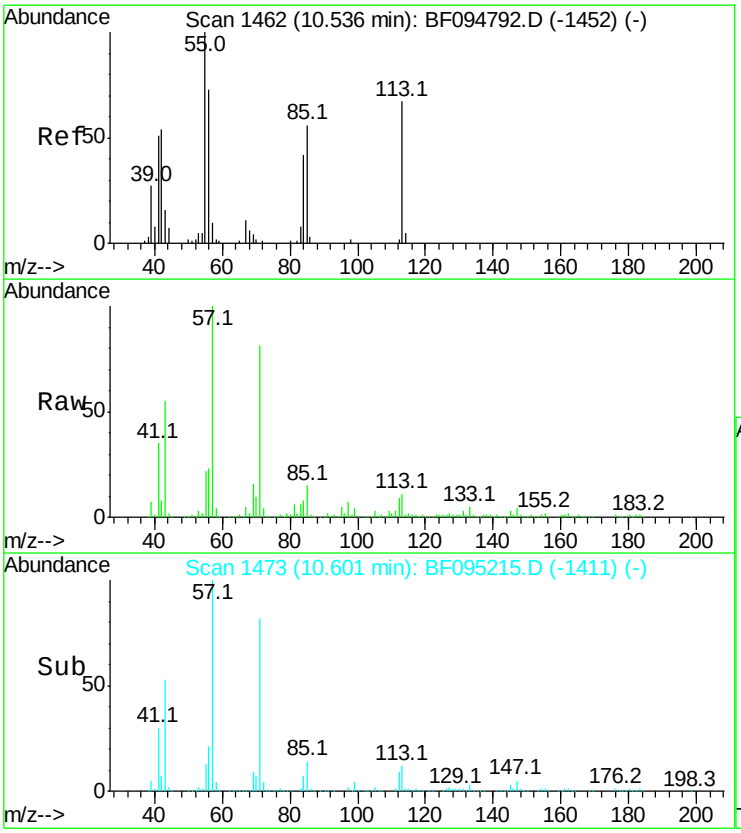
#32
Benzoic acid
Concen: 6.19 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.06 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3559

Ion	Ratio	Lower	Upper
122	100		
105	41.1	103.3	143.3#
77	203.5	73.7	113.7#

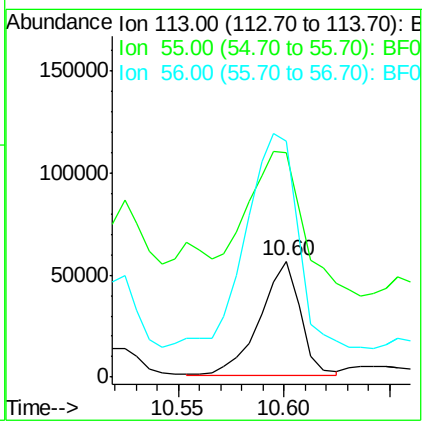


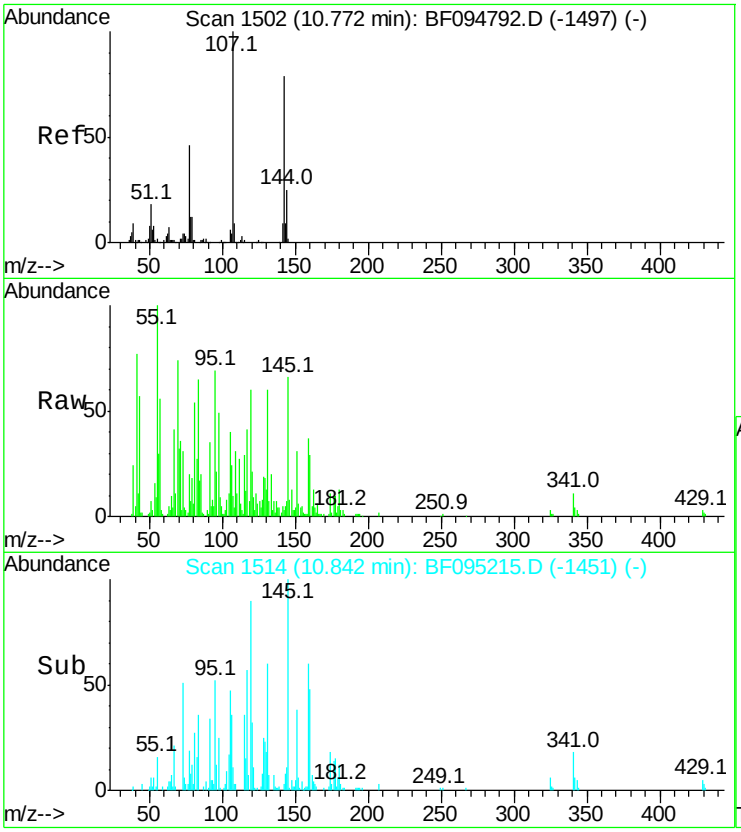


#35
Caprolactam
Concen: 59.87 ng
RT: 10.60 min Scan# 1473
Delta R.T. 0.06 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:113 Resp: 73977

Ion	Ratio	Lower	Upper
113	100		
55	194.2	150.2	190.2#
56	203.1	107.8	147.8#



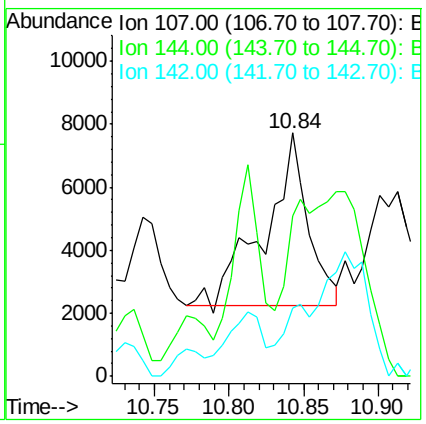


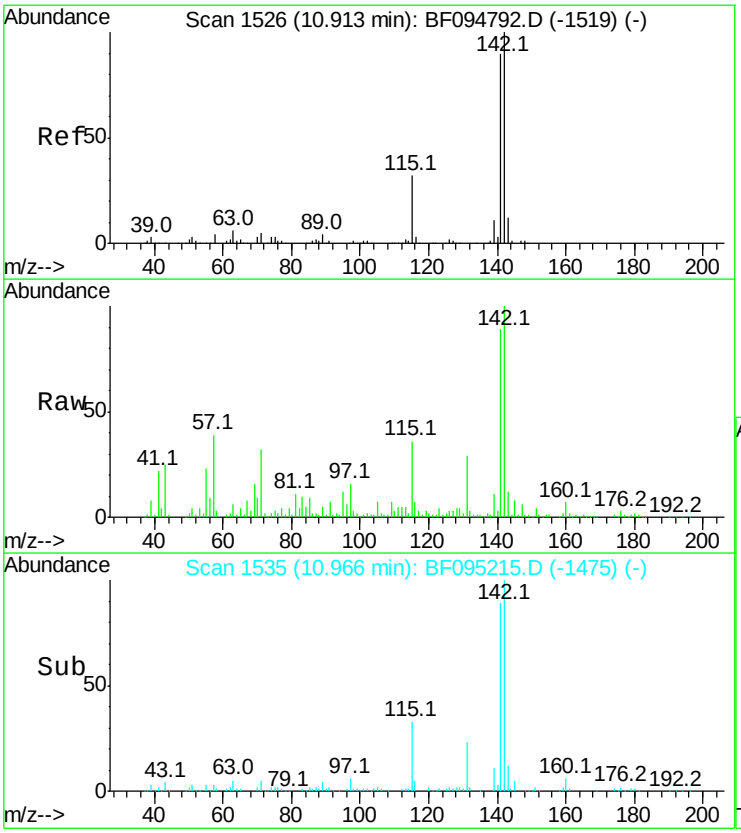
#36
4-Chloro-3-methylphenol
Concen: 2.57 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.07 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 11290

Ion	Ratio	Lower	Upper
107	100		
144	66.1	24.2	36.4#
142	28.0	73.4	110.0#

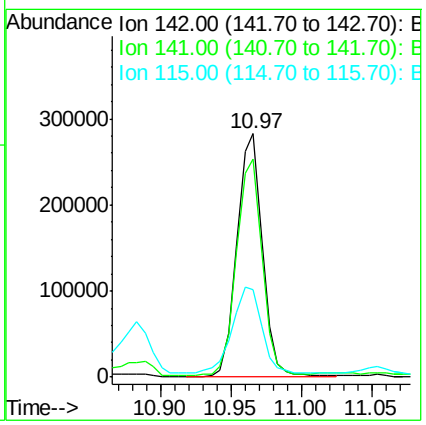


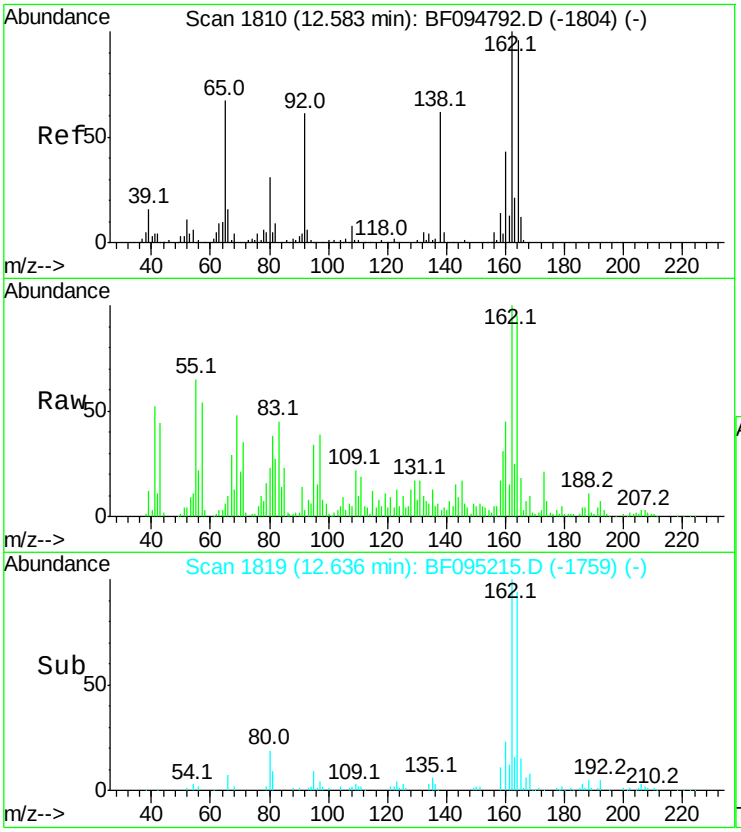


#37
2-Methylnaphthalene
Concen: 36.01 ng
RT: 10.97 min Scan# 1535
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:142 Resp: 356972

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	35.9	27.1	40.7



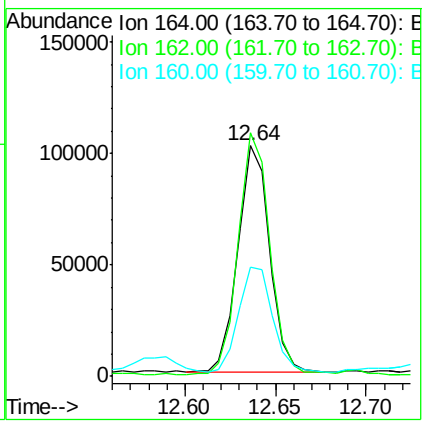


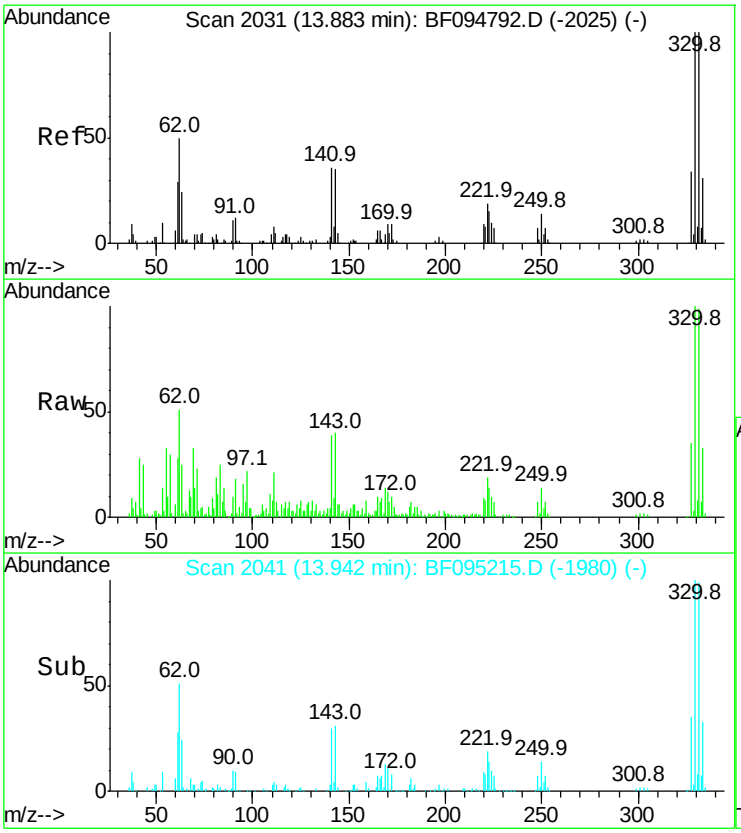
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1819
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 122694

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	47.1	36.2	54.2

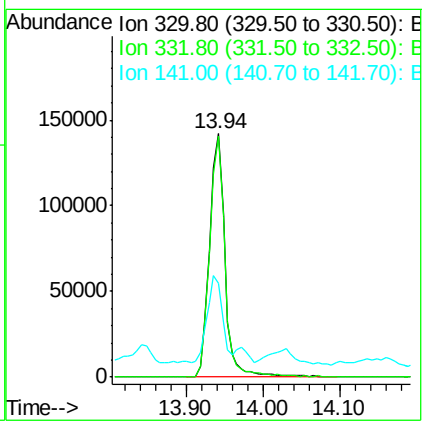


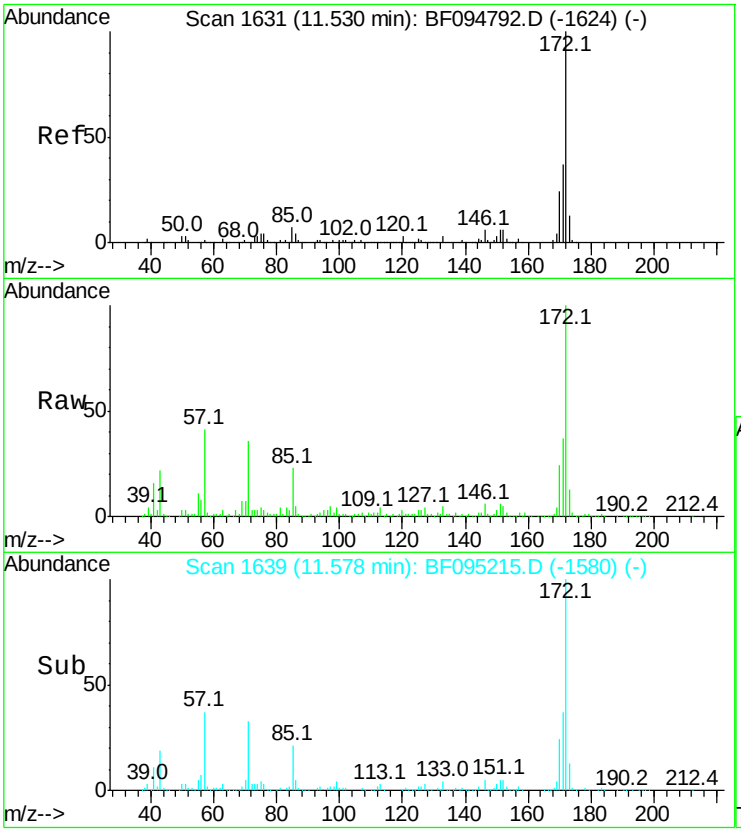


#41
2,4,6-Tribromophenol
Concen: 194.70 ng
RT: 13.94 min Scan# 2041
Delta R.T. 0.06 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:330 Resp: 195635

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	35.2	31.4	47.2



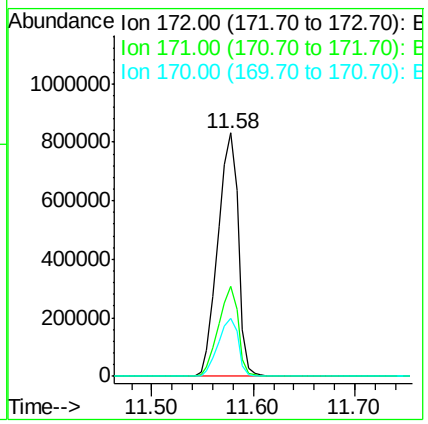


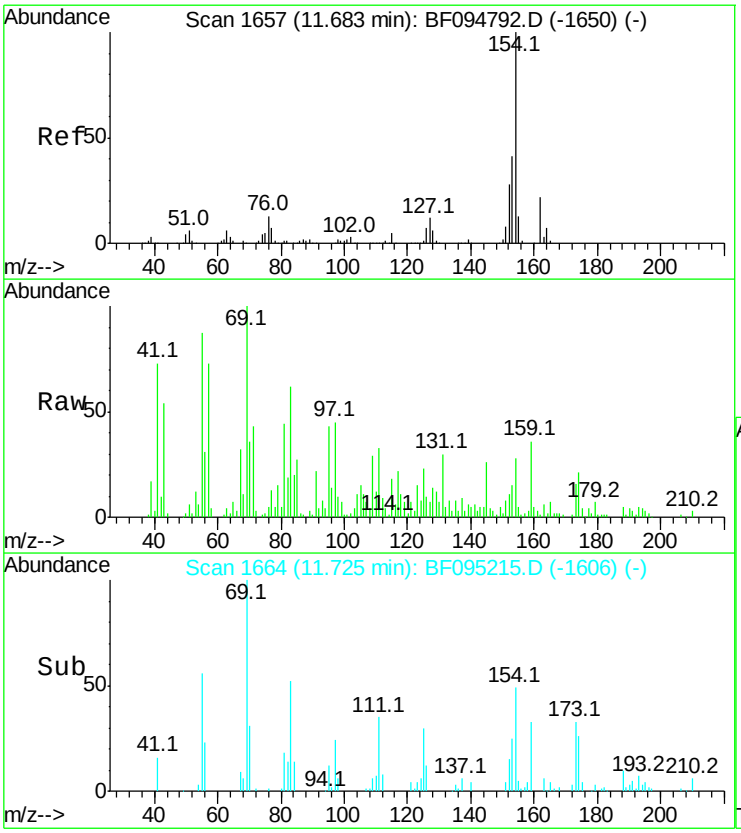
#44
2-Fluorobiphenyl
Concen: 137.05 ng
RT: 11.58 min Scan# 1639
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1168235

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	23.9	19.8	29.8

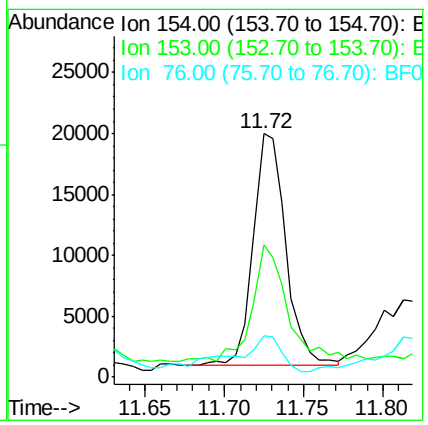


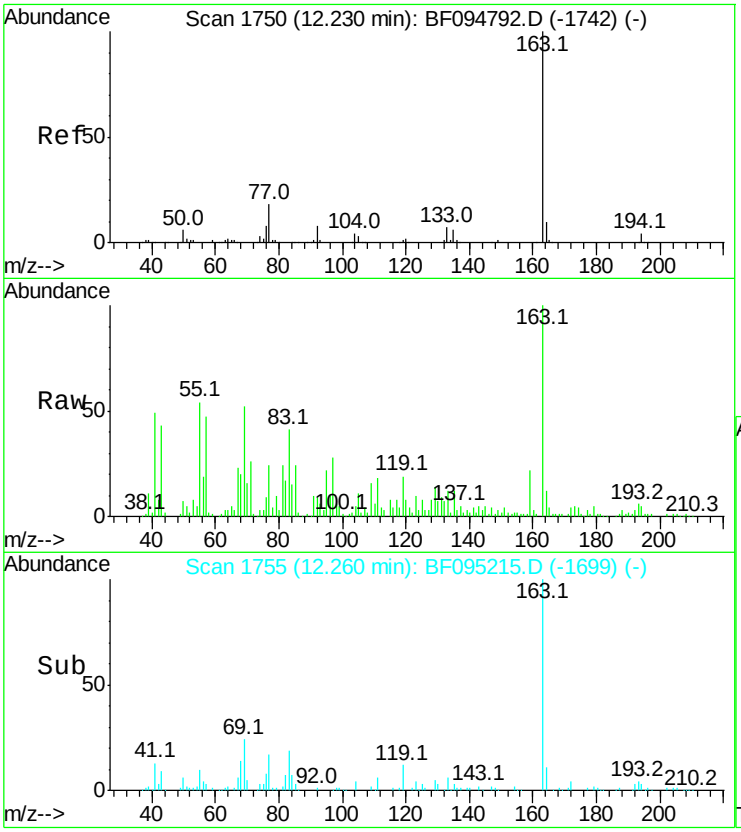


#45
1,1'-Biphenyl
Concen: 2.65 ng
RT: 11.72 min Scan# 1664
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:154 Resp: 27360

Ion	Ratio	Lower	Upper
154	100		
153	54.6	21.2	61.2
76	16.9	0.0	29.9



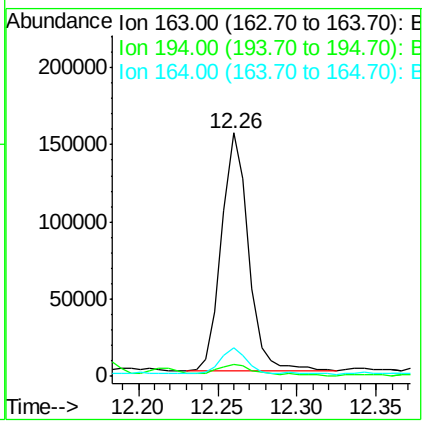


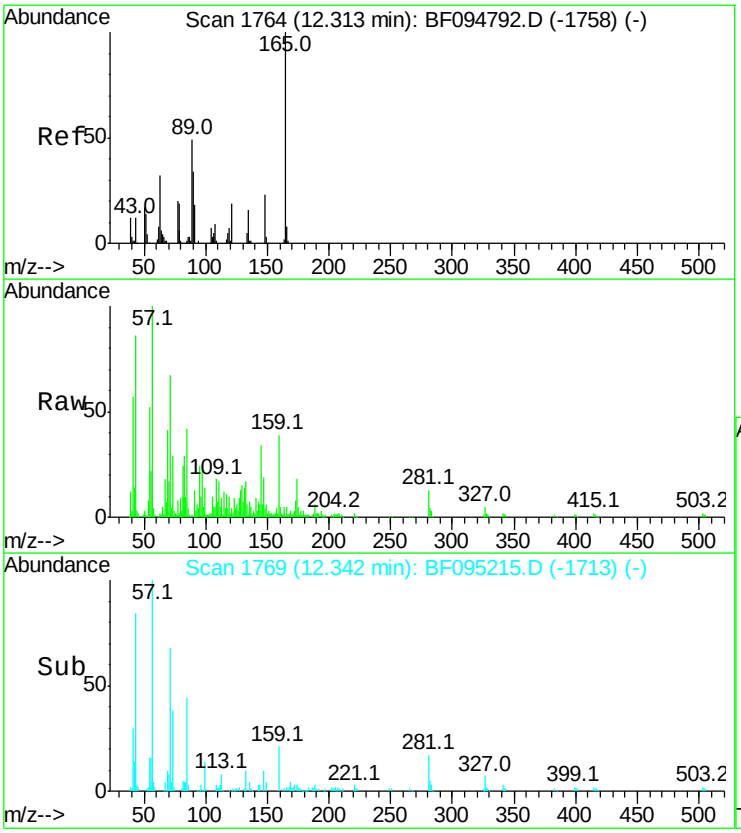
#49
Dimethylphthalate
Concen: 18.10 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 182278

Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.6	4.0#
164	11.6	8.4	12.6

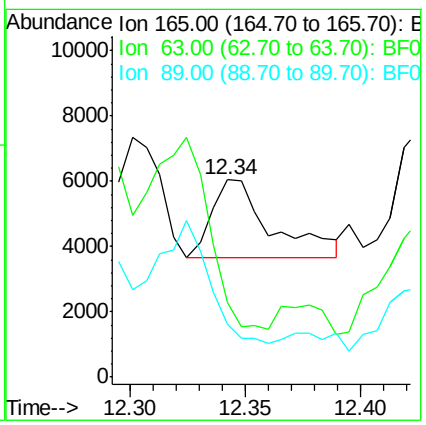


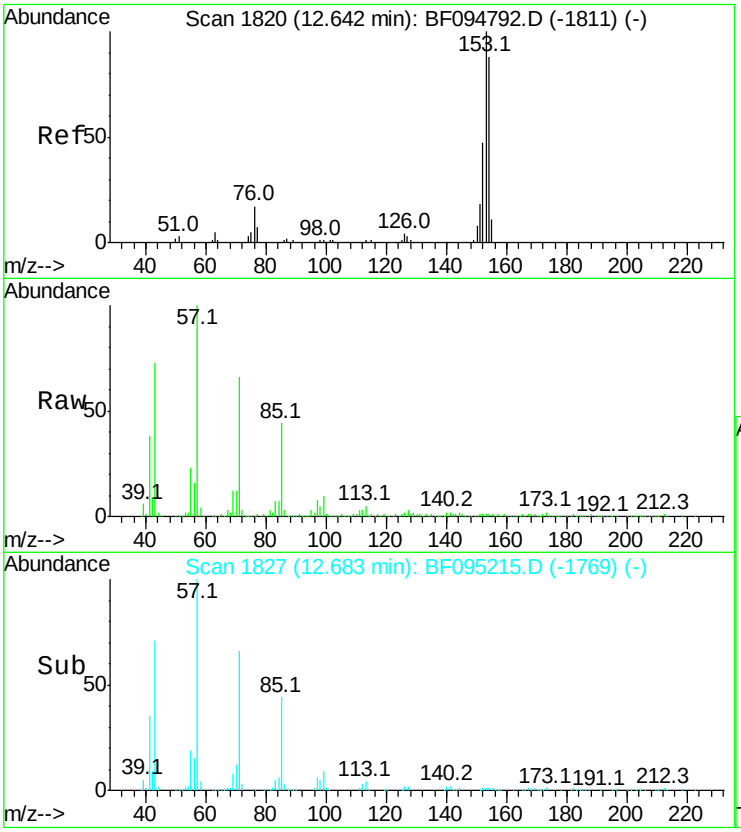


#50
2,6-Dinitrotoluene
Concen: 2.10 ng
RT: 12.34 min Scan# 1769
Delta R.T. 0.03 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:165 Resp: 4307

Ion	Ratio	Lower	Upper
165	100		
63	37.6	34.3	51.5
89	27.1	37.1	55.7#



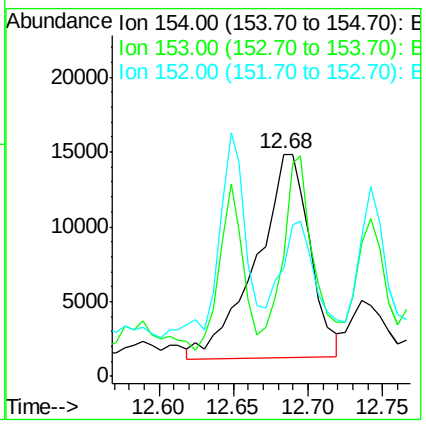


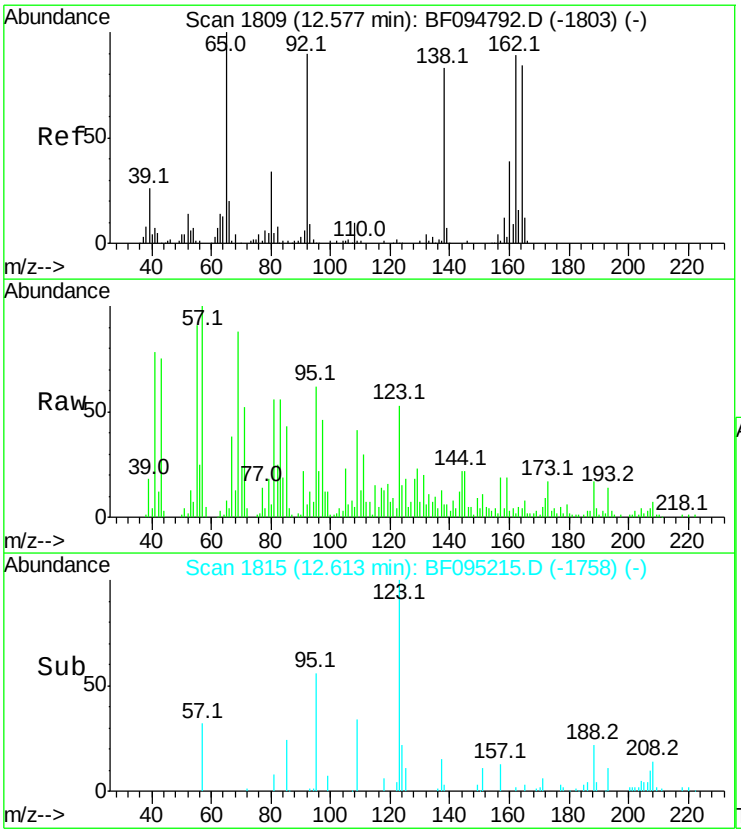
#51
Acenaphthene
Concen: 4.35 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 33949

Ion	Ratio	Lower	Upper
154	100		
153	53.7	90.5	135.7#
152	48.6	43.6	65.4

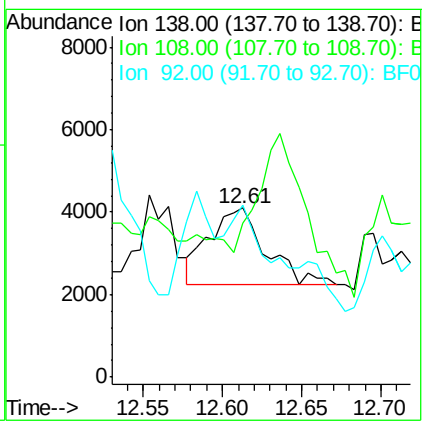


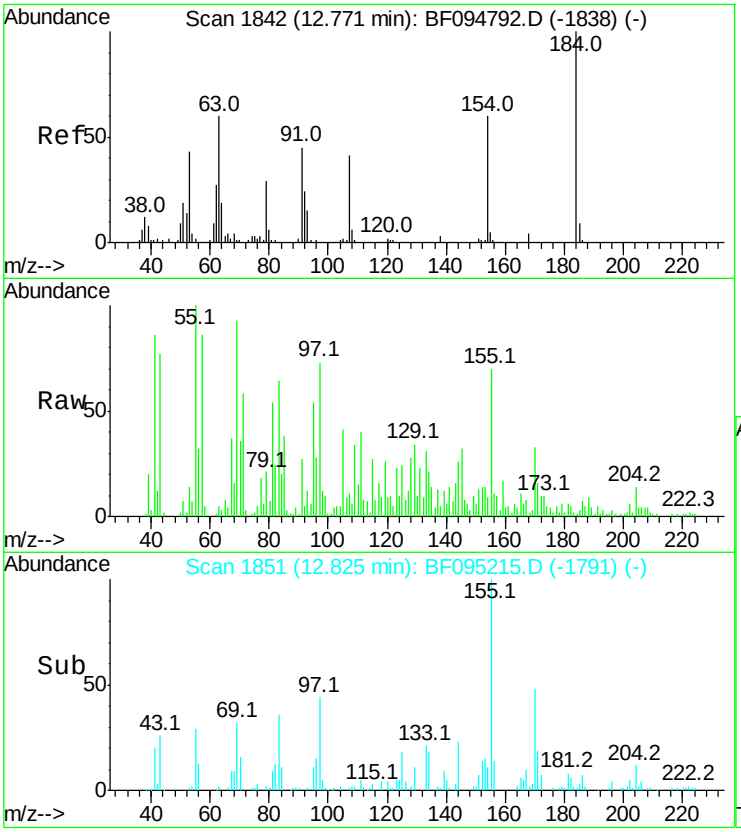


#52
3-Nitroaniline
Concen: 2.07 ng
RT: 12.61 min Scan# 1815
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:138 Resp: 4575

Ion	Ratio	Lower	Upper
138	100		
108	91.0	9.1	13.7#
92	101.6	93.8	140.6



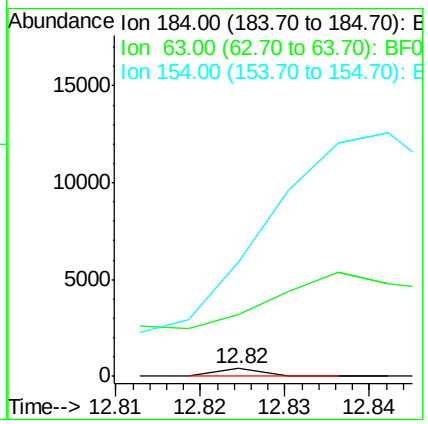


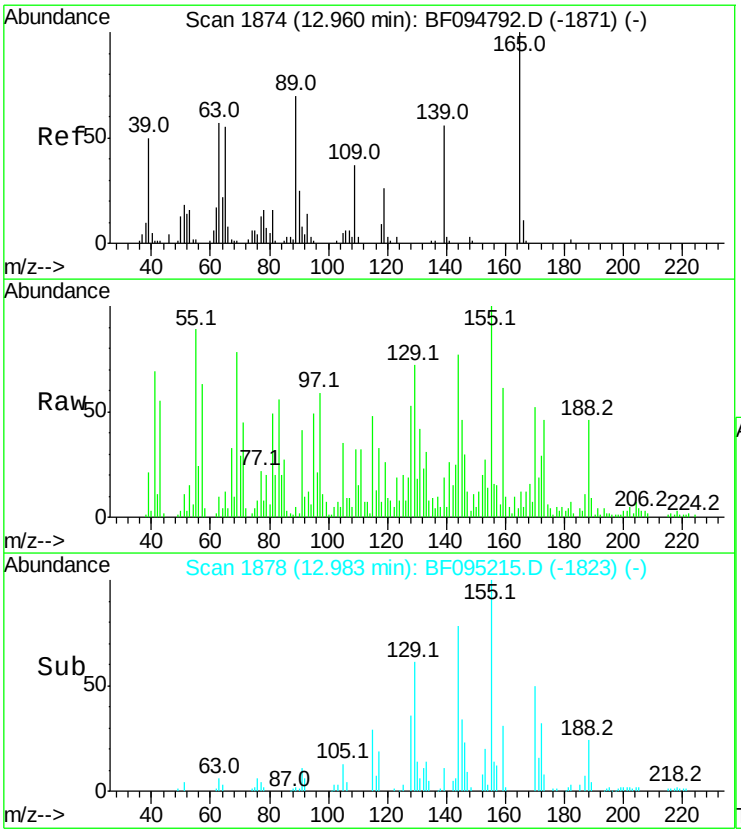
#53
2,4-Dinitrophenol
Concen: 6.37 ng
RT: 12.82 min Scan# 1851
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 146

Ion	Ratio	Lower	Upper
184	100		
63	768.7	62.7	94.1#
154	1422.2	81.1	121.7#

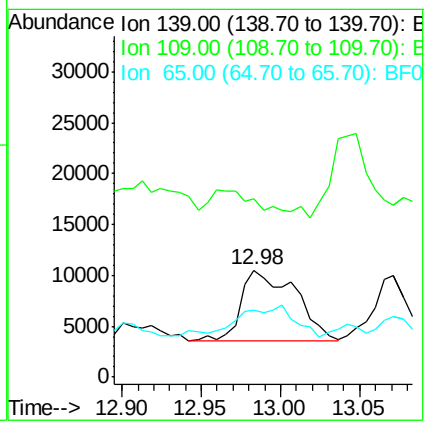


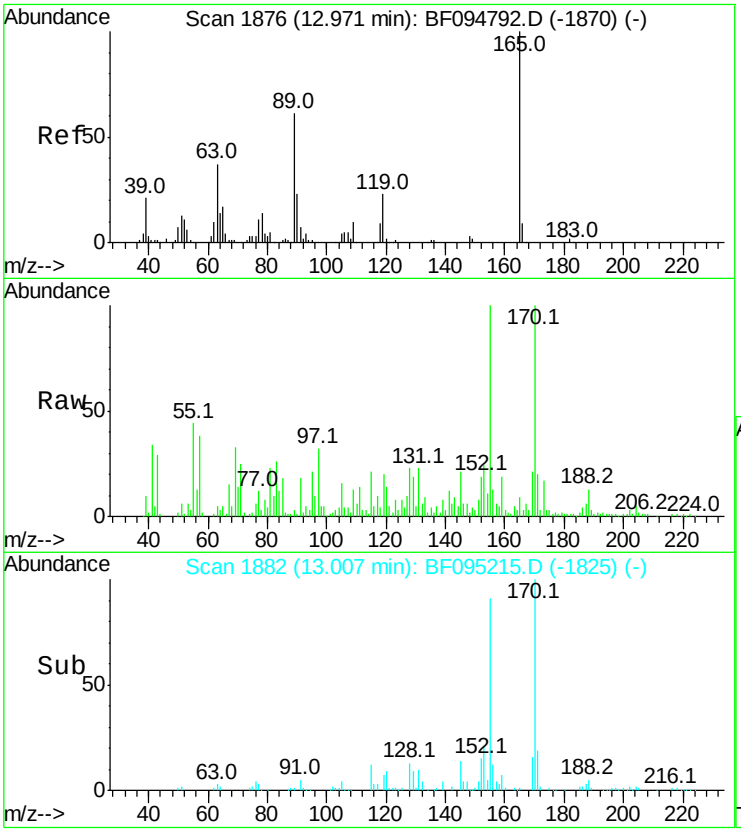


#55
4-Nitrophenol
Concen: 12.66 ng
RT: 12.98 min Scan# 1878
Delta R.T. 0.02 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:139 Resp: 16775

Ion	Ratio	Lower	Upper
139	100		
109	166.7	34.1	74.1#
65	62.9	31.4	71.4



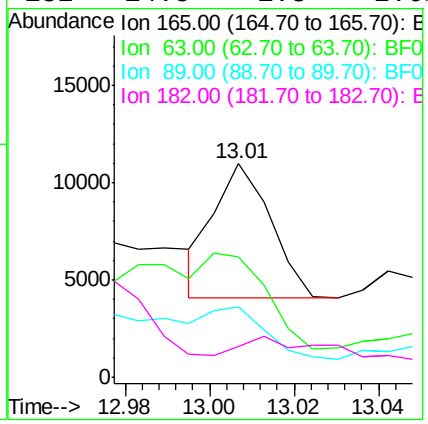


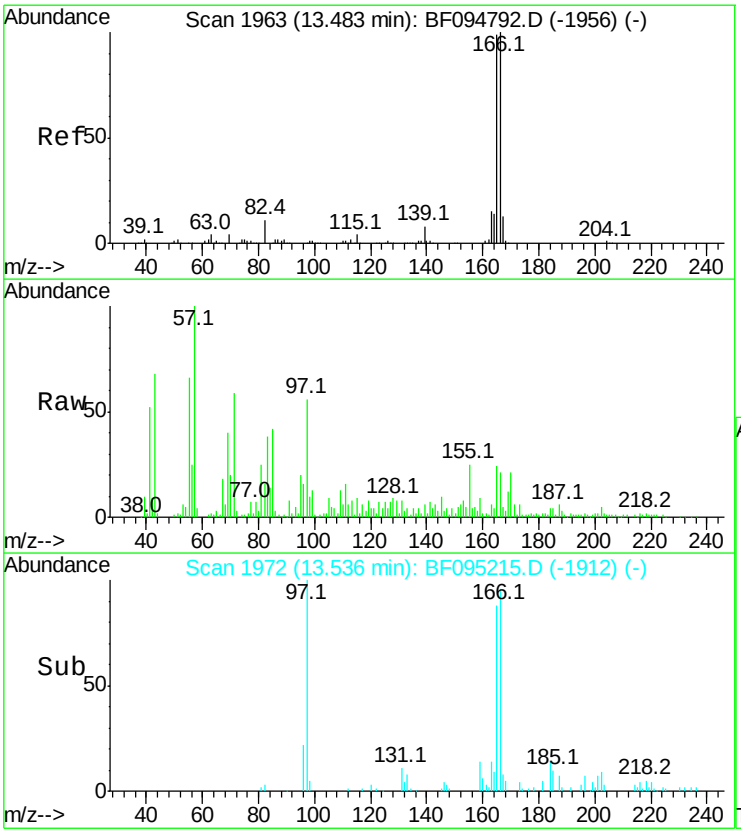
#56
2,4-Dinitrotoluene
Concen: 2.41 ng
RT: 13.01 min Scan# 1882
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6354

Ion	Ratio	Lower	Upper
165	100		
63	56.1	25.4	38.0#
89	32.9	46.4	69.6#
182	14.5	1.8	2.6#

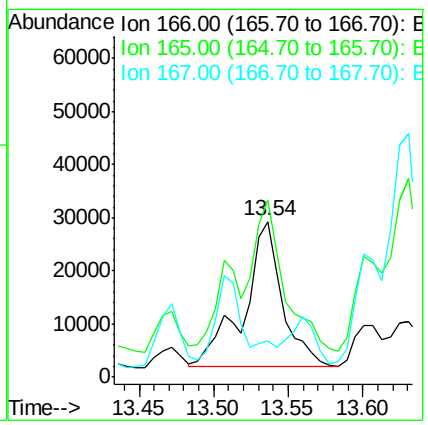


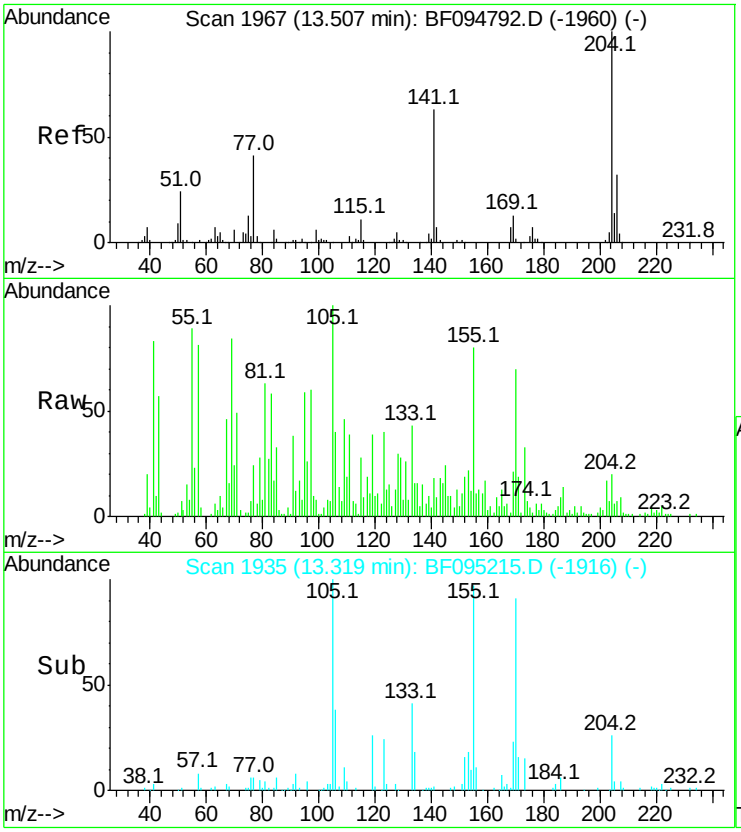


#57
Fluorene
Concen: 5.13 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:166 Resp: 48209

Ion	Ratio	Lower	Upper
166	100		
165	114.2	78.8	118.2
167	23.5	10.6	16.0#



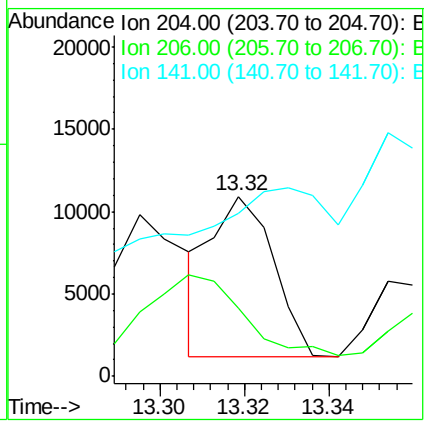


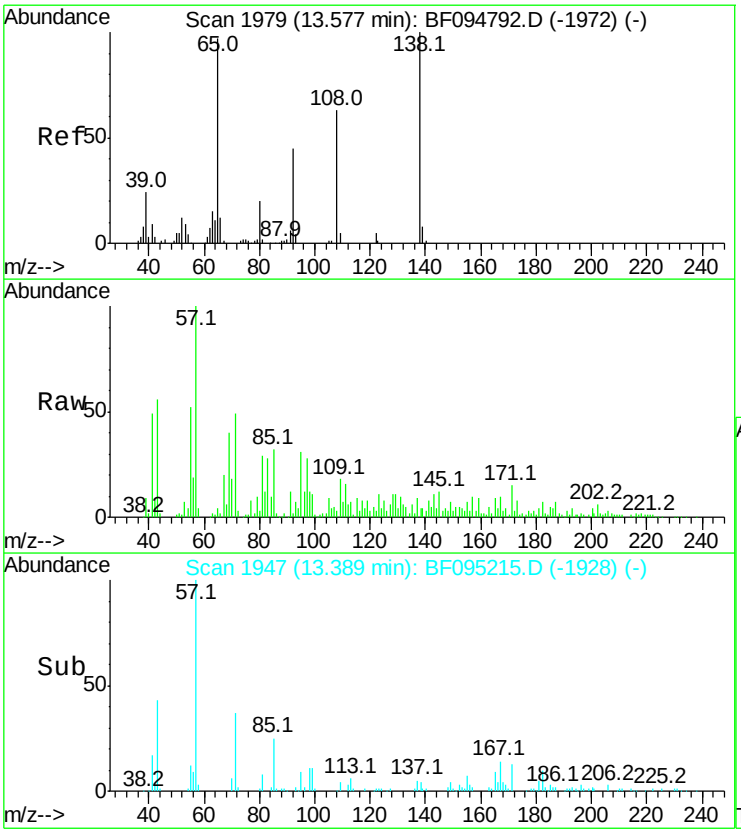
#60
4-Chlorophenyl-phenylether
Concen: 2.39 ng
RT: 13.32 min Scan# 1935
Delta R.T. -0.19 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 9877

Ion	Ratio	Lower	Upper
204	100		
206	37.7	26.2	39.2
141	90.7	60.8	91.2

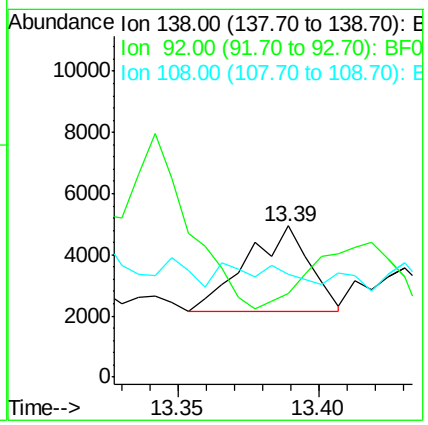


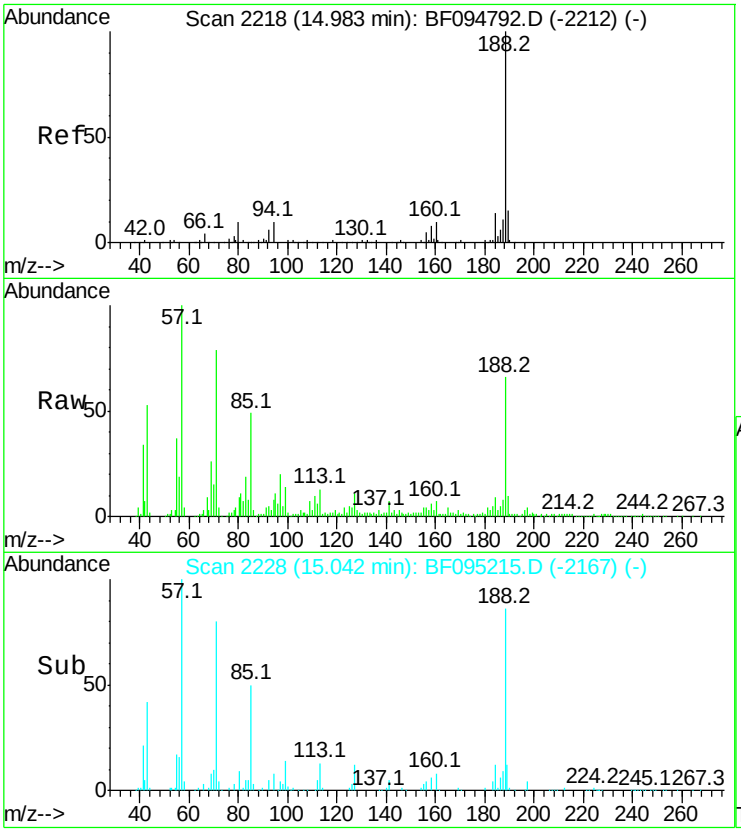


#61
4-Nitroaniline
Concen: 2.14 ng
RT: 13.39 min Scan# 1947
Delta R.T. -0.19 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:138 Resp: 4338

Ion	Ratio	Lower	Upper
138	100		
92	55.6	21.8	61.8
108	68.3	42.3	82.3



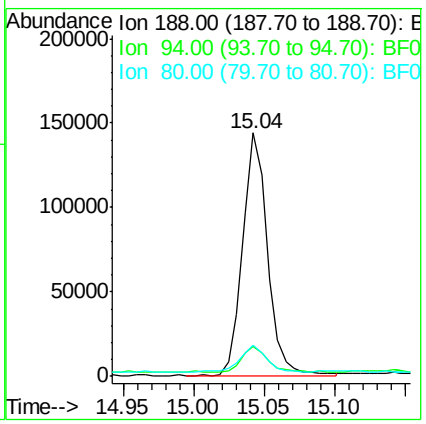


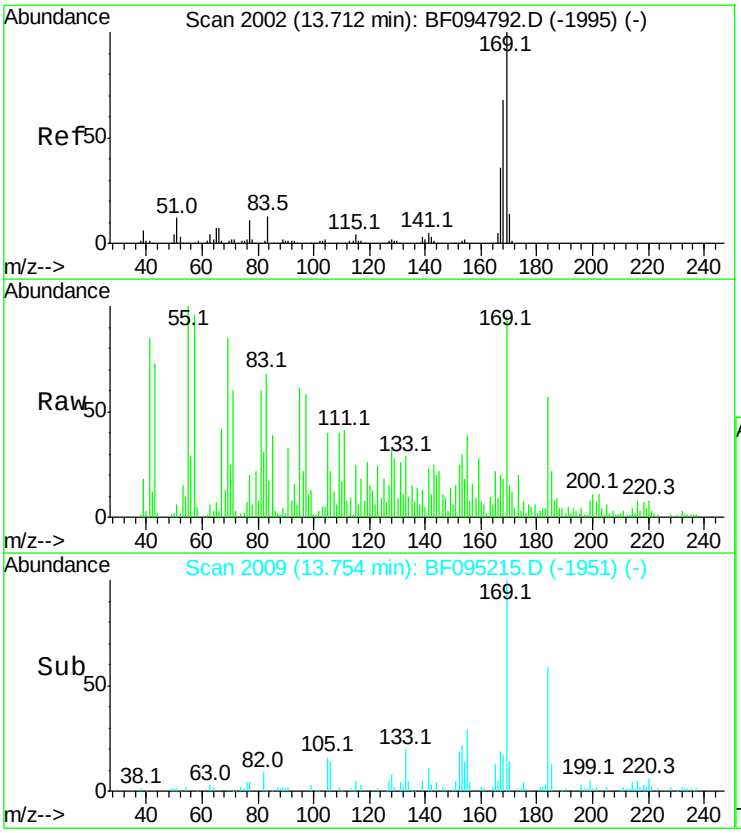
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.06 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 177974

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.9	10.2	15.2

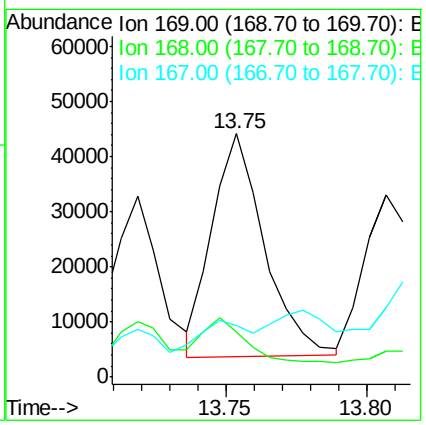


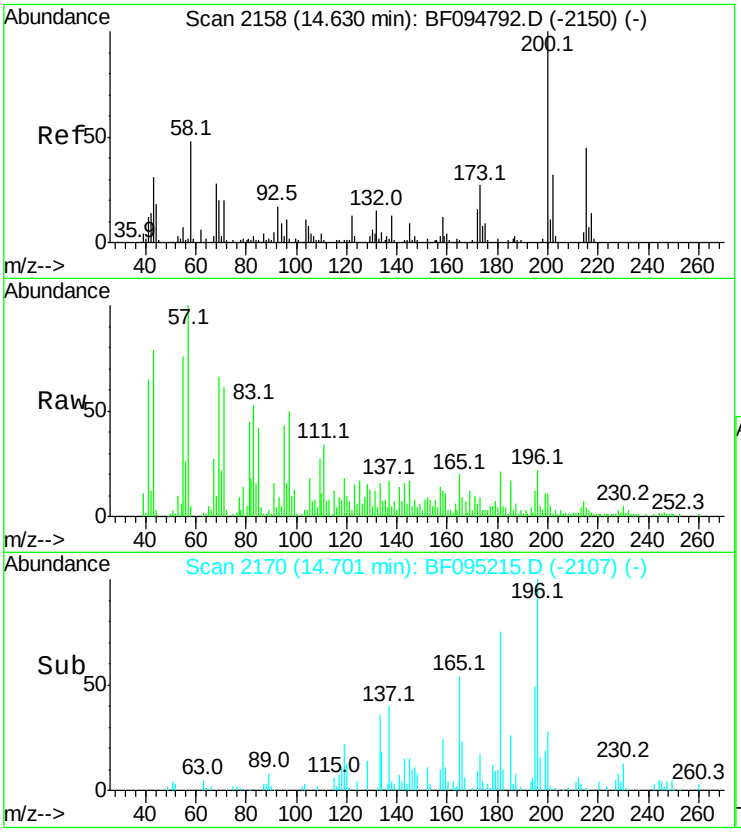


#65
n-Nitrosodiphenylamine
Concen: 8.09 ng
RT: 13.75 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:169 Resp: 52276

Ion	Ratio	Lower	Upper
169	100		
168	18.7	53.2	79.8#
167	21.1	29.5	44.3#



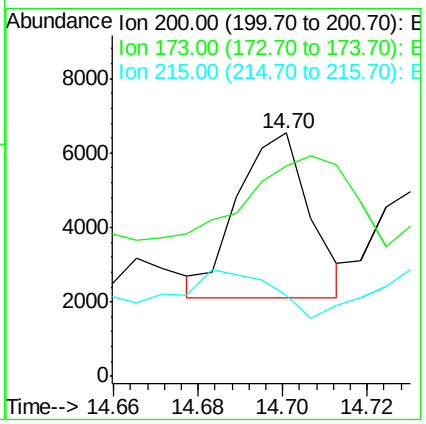


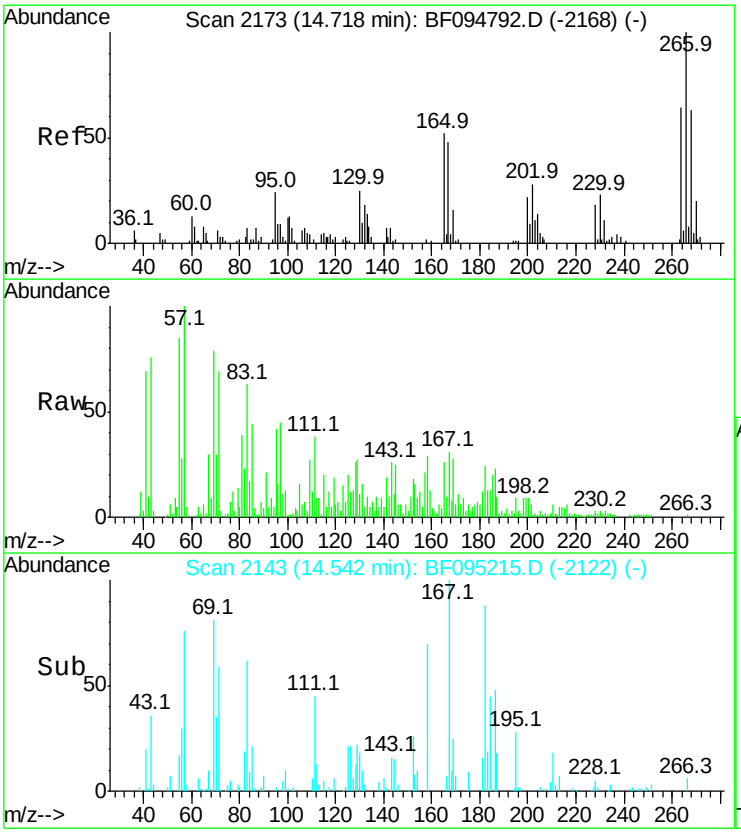
#68
Atrazine
Concen: 2.88 ng
RT: 14.70 min Scan# 2170
Delta R.T. 0.07 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 5250

Ion	Ratio	Lower	Upper
200	100		
173	86.3	6.3	46.3#
215	33.3	27.2	67.2

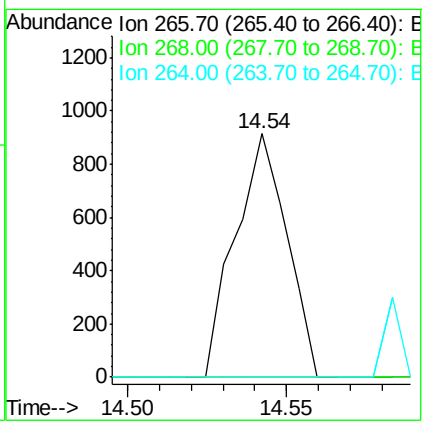


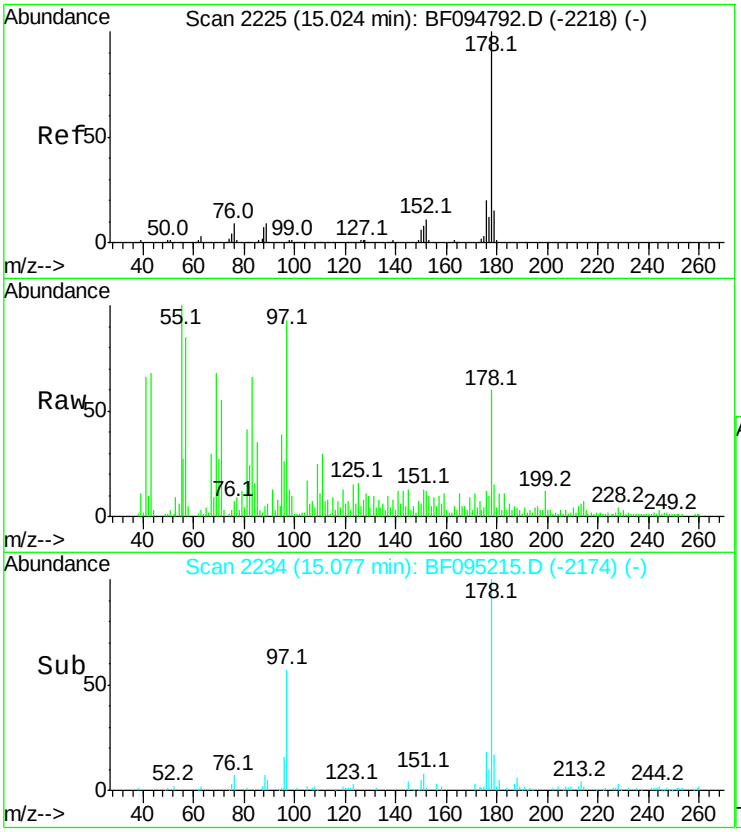


#69
Pentachlorophenol
Concen: 6.96 ng
RT: 14.54 min Scan# 2143
Delta R.T. -0.18 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:266 Resp: 1032

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



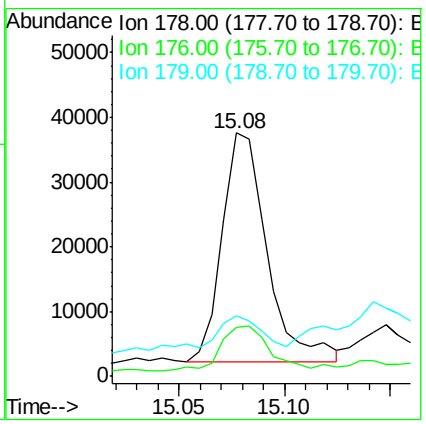


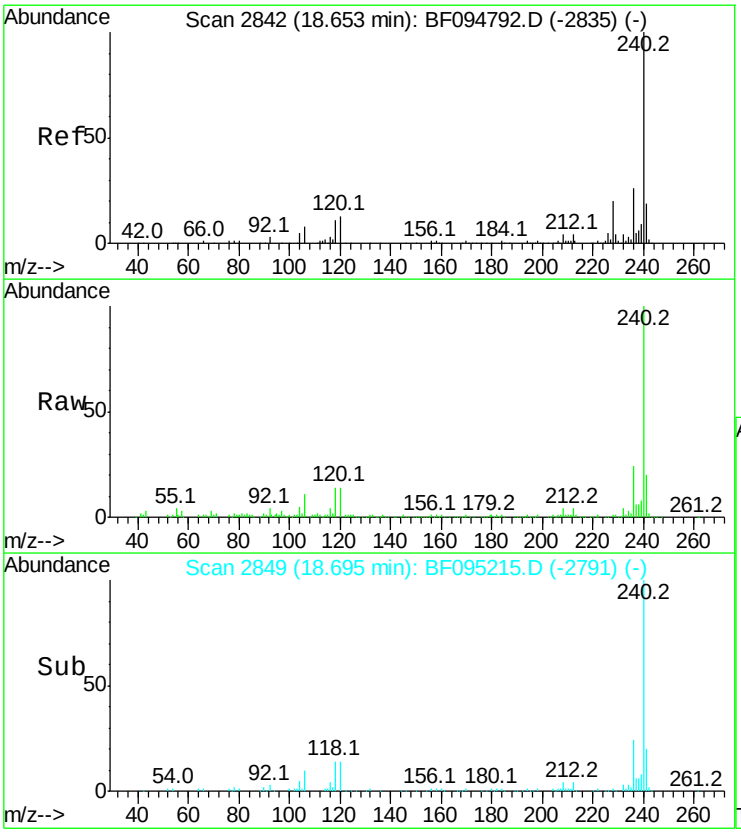
#70
Phenanthrene
Concen: 5.15 ng
RT: 15.08 min Scan# 2234
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52644

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	24.9	12.6	19.0#

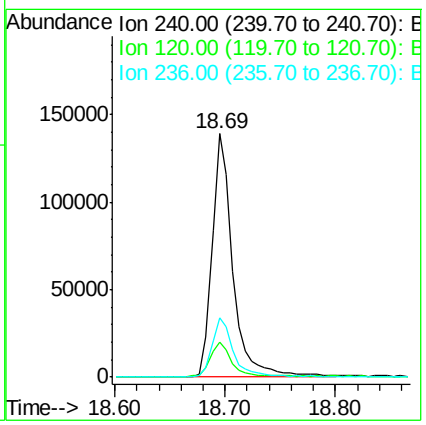


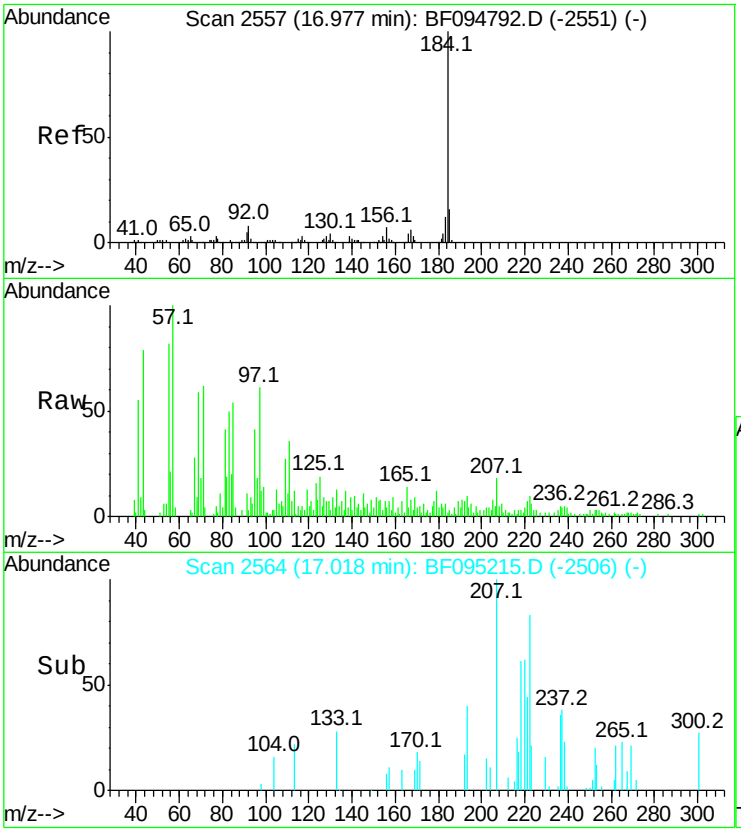


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:240 Resp: 180461

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.4	20.5	30.7



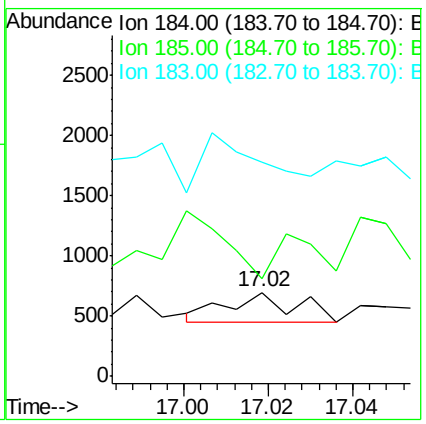


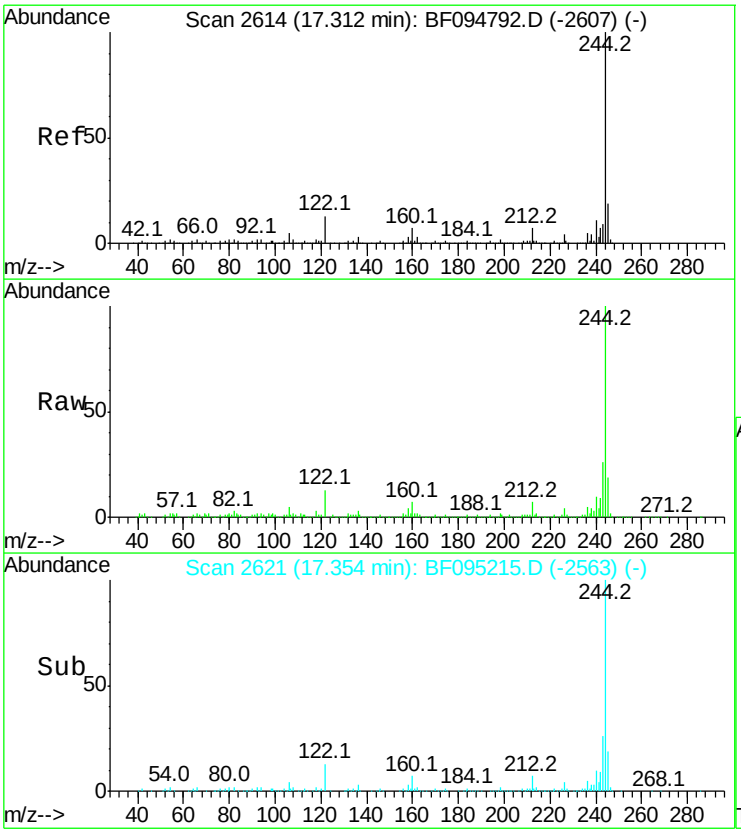
#76
Benzidine
Concen: 6.64 ng
RT: 17.02 min Scan# 2564
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 275

Ion	Ratio	Lower	Upper
184	100		
185	116.3	15.5	23.3#
183	255.4	9.8	14.6#

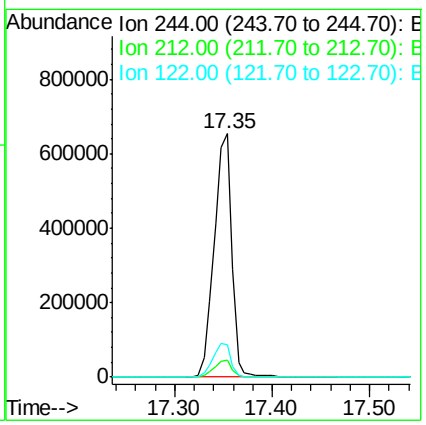


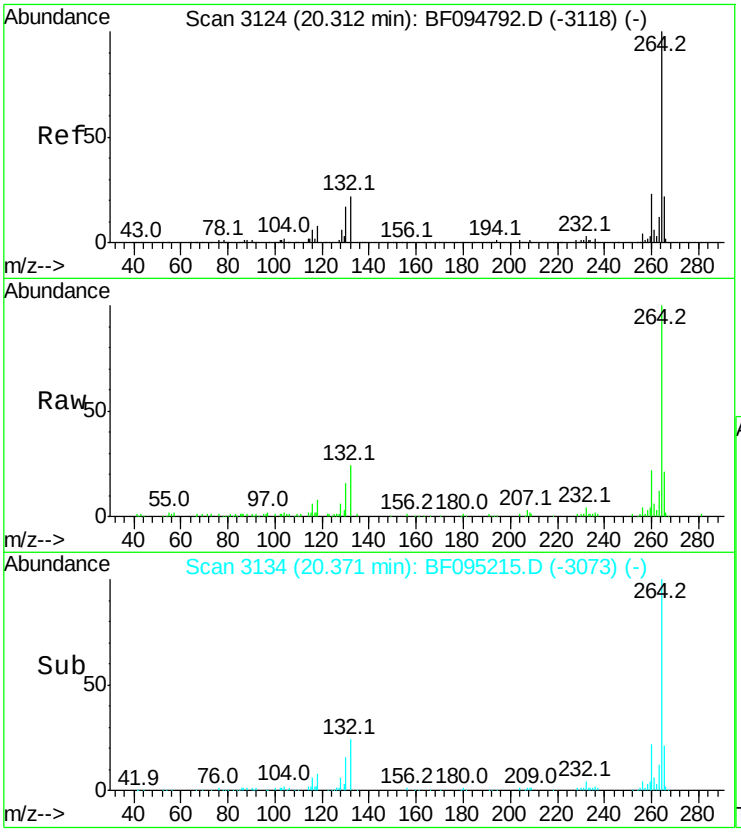


#78
Terphenyl-d14
Concen: 99.99 ng
RT: 17.35 min Scan# 2621
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:244 Resp: 819240

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.4	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 130428

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	21.0	17.2	25.8