Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093756.D
Acq On : 18 Mar 2017 16:17
Operator : SJ/MA
Sample : I2133-10RE
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415A

Quant Time: Mar 20 01:08:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	216246	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	782973	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	266011	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	481194	20.00	ng		0.01
75) Chrysene-d12	14.00	240	314208	20.00	ng		0.00
86) Perylene-d12	15.43	264	309776	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1650401	127.24	ng		0.01
7) Phenol-d6	6.48	99	1978185	123.05	ng		0.00
23) Nitrobenzene-d5	7.41	82	1261608	96.71	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	327268	187.98	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1552231	110.11	ng		0.00
78) Terphenyl-d14	12.96	244	1123173	76.94	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	5954	Below Cal		#	74
10) Phenol	6.49	94	75735	4.03	ng		99
15) Benzyl Alcohol	7.01	79	38875	3.23	ng	#	43
18) Hexachloroethane	7.43	117	35405	6.09	ng	#	1
25) Isophorone	7.67	82	77057	3.07	ng	#	1
31) Naphthalene	8.15	128	103978	2.72	ng	#	93
32) Benzoic acid	7.94	122	11617	5.27	ng	#	37
35) Caprolactam	8.58	113	82666	23.46	ng	#	4
36) 4-Chloro-3-methylphenol	8.66	107	29218	2.64	ng	#	23
48) Acenaphthylene	9.75	152	86169	3.53	ng	#	66
49) Dimethylphthalate	9.60	163	344437	19.82	ng	#	95
50) 2,6-Dinitrotoluene	9.67	165	17834	4.75	ng	#	73
51) Acenaphthene	9.92	154	88244	6.13	ng		95
52) 3-Nitroaniline	9.82	138	18209	4.09	ng	#	17
53) 2,4-Dinitrophenol	10.17	184	11647	13.36	ng		83
55) 4-Nitrophenol	10.00	139	19362	5.76	ng	#	1
56) 2,4-Dinitrotoluene	10.05	165	11187	2.24	ng	#	62
61) 4-Nitroaniline	10.36	138	31919	7.70	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	5284	5.81	ng	#	1
65) n-Nitrosodiphenylamine	10.55	169	323513	19.92	ng	#	57
70) Phenanthrene	11.40	178	204558	7.52	ng	#	87
71) Anthracene	11.44	178	90597	3.40	ng	#	69
74) Fluoranthene	12.58	202	429810	16.30	ng		94
77) Pyrene	12.81	202	618100	23.13	ng		98
80) Benzo(a)anthracene	13.99	228	434059	21.52	ng		91
82) Chrysene	13.99	228	434059	22.27	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.83	276	502961	30.47	ng		93
87) Benzo(b)fluoranthene	15.03	252	837469	42.65	ng	#	89
88) Benzo(k)fluoranthene	15.03	252	837469	48.26	ng	#	93
89) Benzo(a)pyrene	15.37	252	525883	30.30	ng	#	88
90) Dibenzo(a,h)anthracene	16.83	278	125768	8.57	ng	#	77
91) Benzo(g,h,i)perylene	17.24	276	554419	37.13	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093756.D
Acq On : 18 Mar 2017 16:17
Operator : SJ/MA
Sample : I2133-10RE
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Quant Time: Mar 20 01:08:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

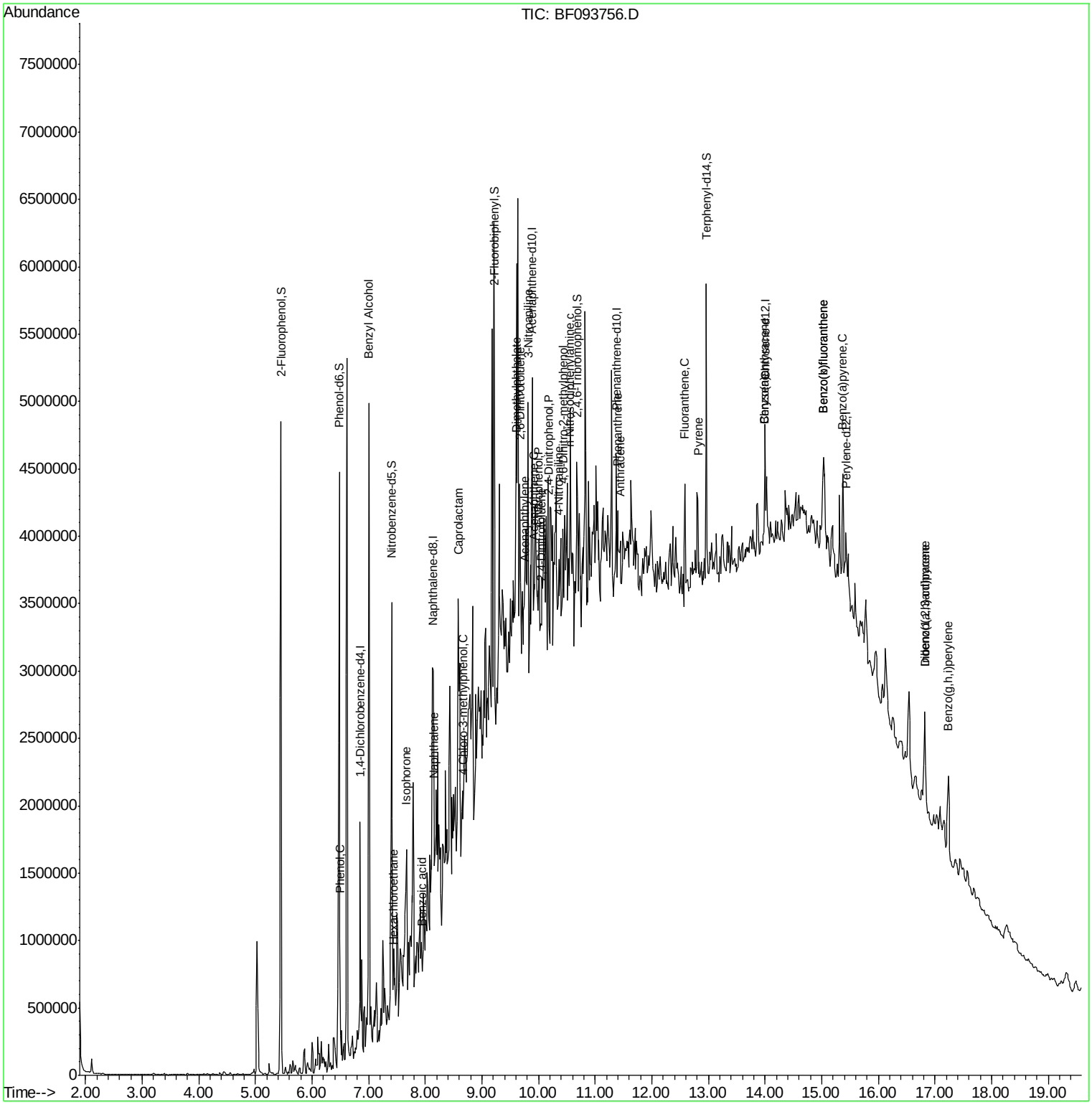
(#) = qualifier out of range (m) = manual integration (+) = signals summed

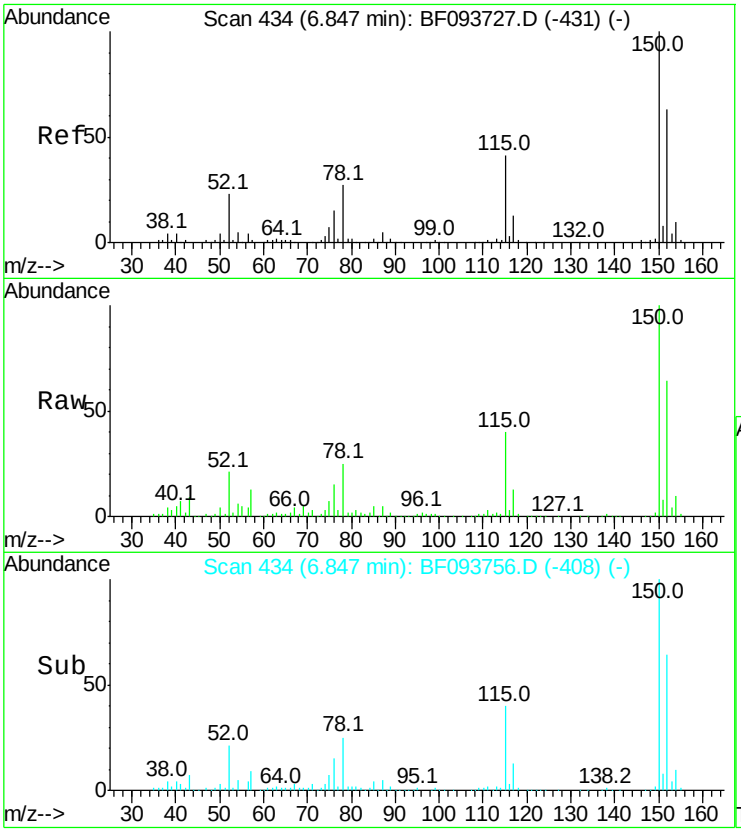
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093756.D
Acq On : 18 Mar 2017 16:17
Operator : SJ/MA
Sample : I2133-10RE
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415A

Quant Time: Mar 20 01:08:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration



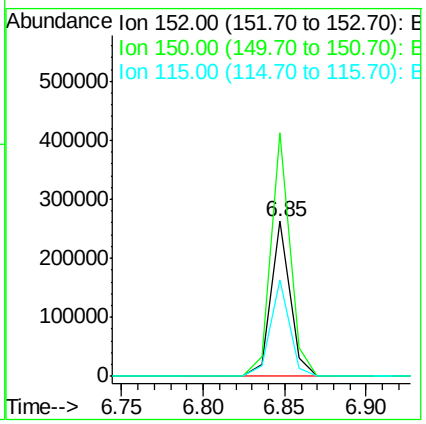


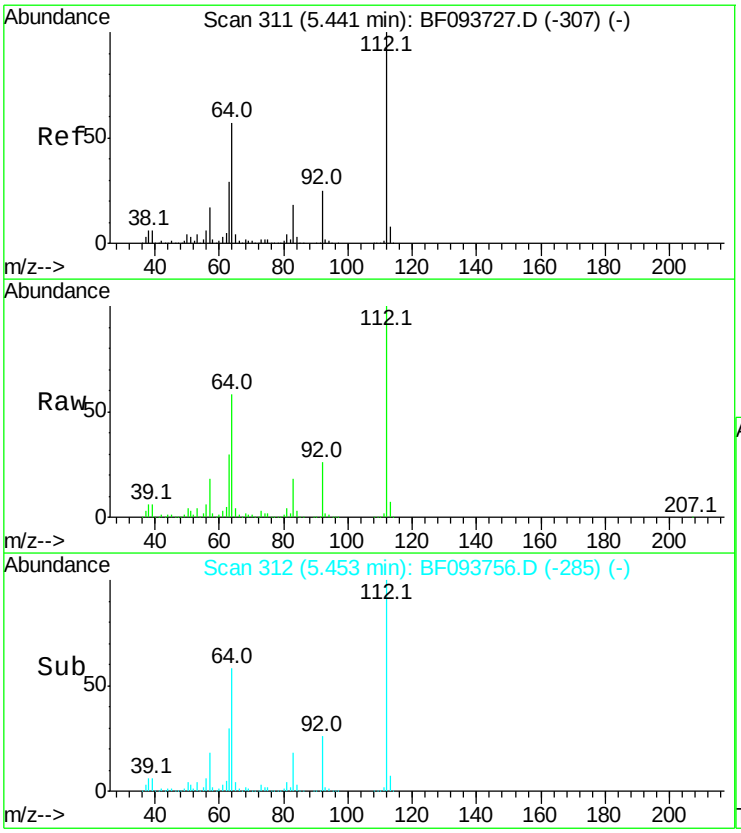
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:152 Resp: 216246

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	62.2	52.2	78.2

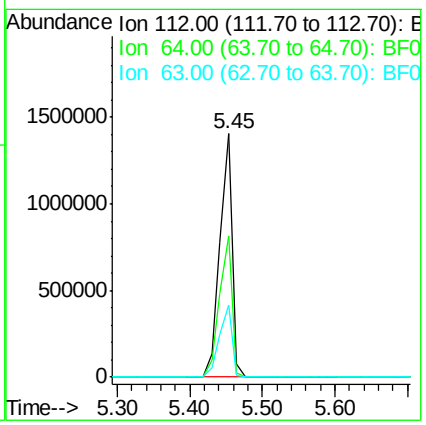


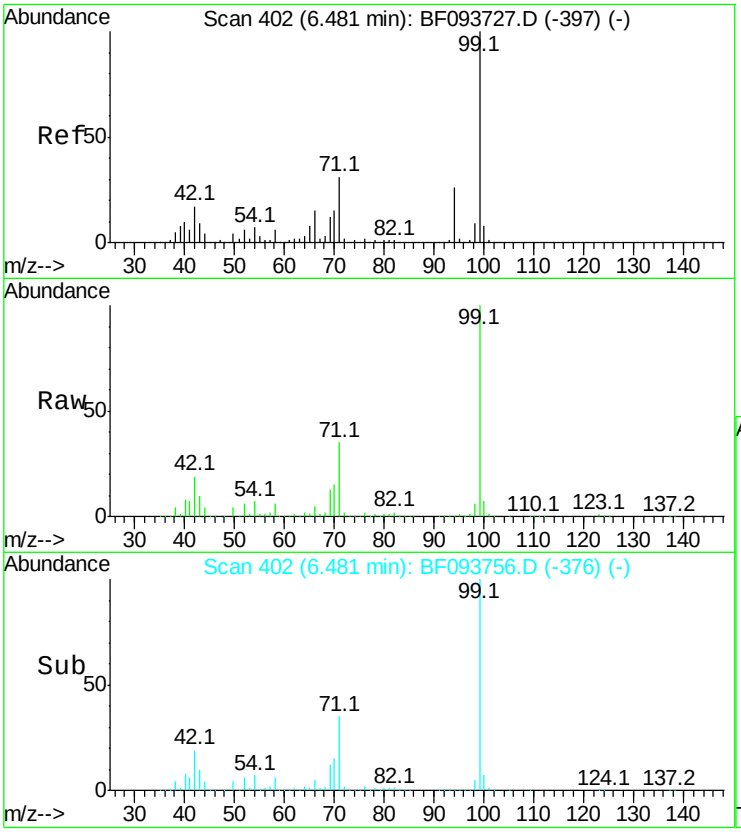


#5
2-Fluorophenol
Concen: 127.24 ng
RT: 5.45 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:112 Resp: 1650401

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.0	69.0
63	29.8	23.4	35.0



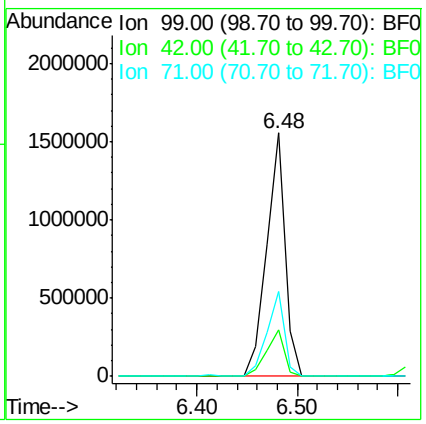


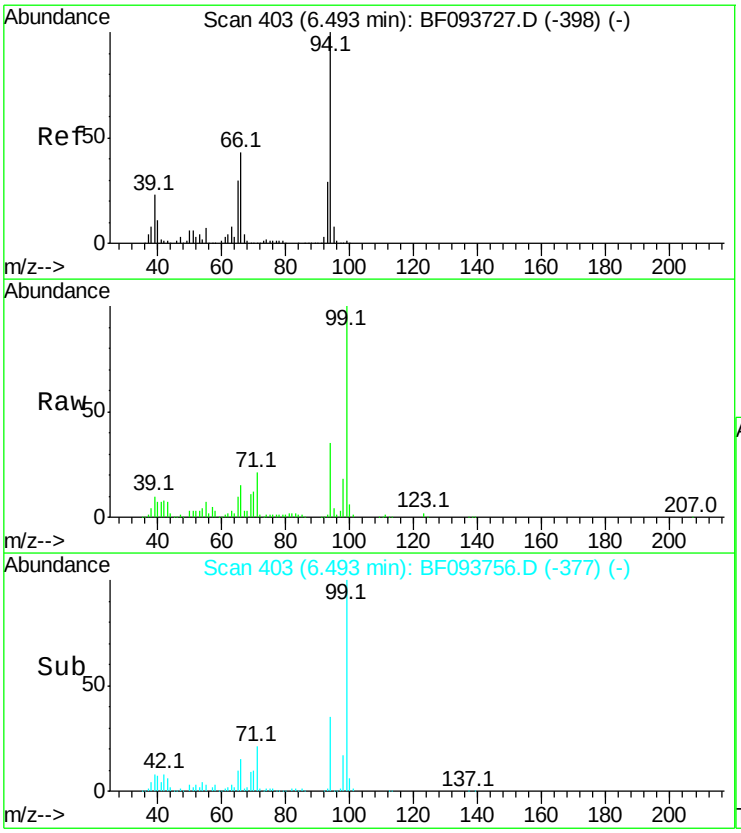
#7
Phenol-d6
Concen: 123.05 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion: 99 Resp: 1978185

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	34.8	24.5	36.7

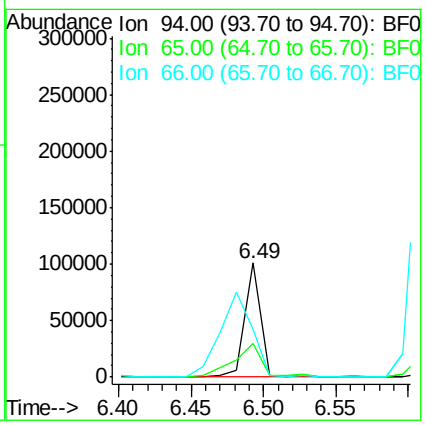


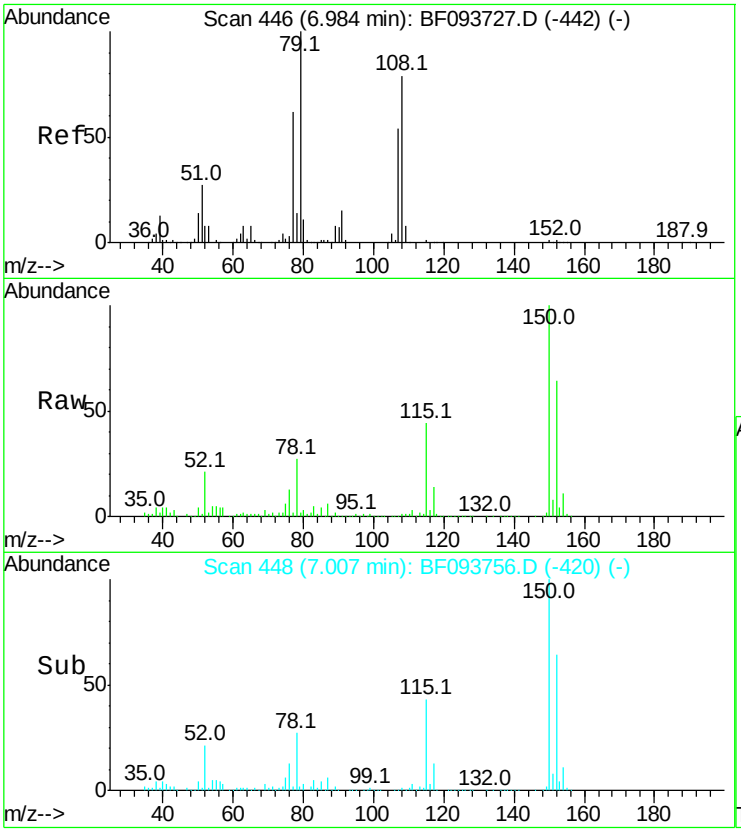


#10
Phenol
Concen: 4.03 ng
RT: 6.49 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion: 94 Resp: 75735

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.9	49.9
66	42.4	23.1	63.1



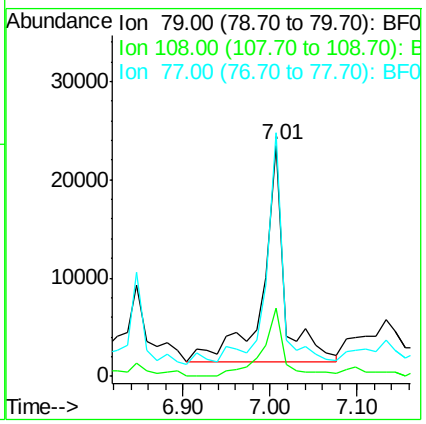


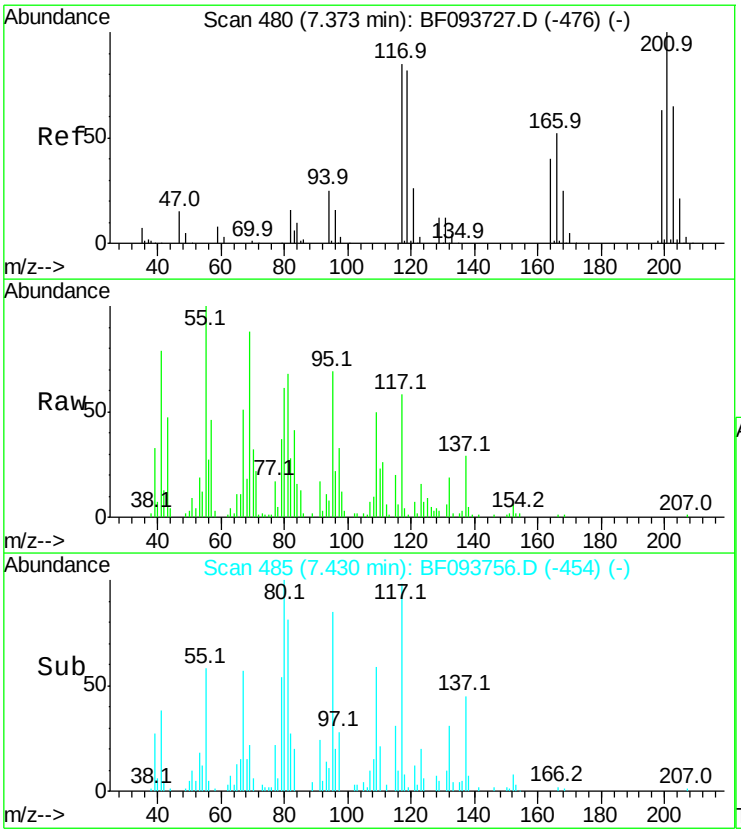
#15
Benzyl Alcohol
Concen: 3.23 ng
RT: 7.01 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion: 79 Resp: 38875

Ion	Ratio	Lower	Upper
79	100		
108	29.7	63.4	95.0#
77	105.3	49.2	73.8#

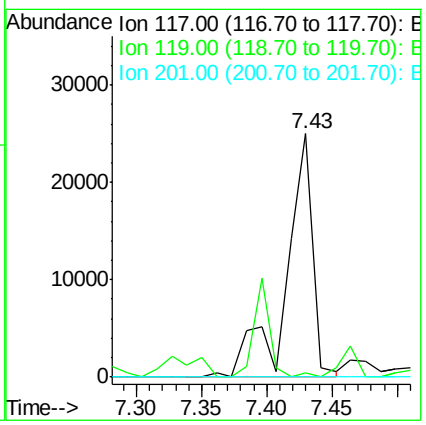


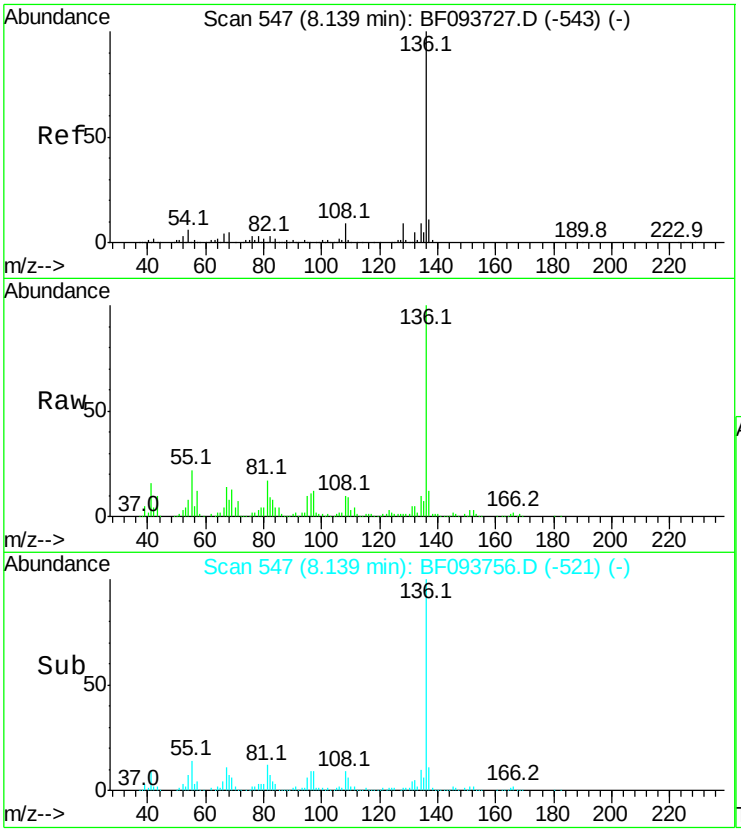


#18
Hexachloroethane
Concen: 6.09 ng
RT: 7.43 min Scan# 485
Delta R.T. 0.06 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:117 Resp: 35405

Ion	Ratio	Lower	Upper
117	100		
119	1.9	77.4	116.0#
201	0.0	94.6	141.8#



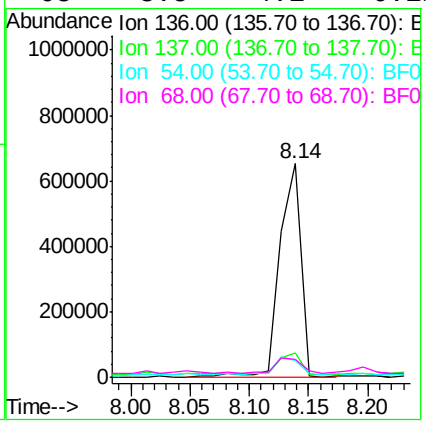


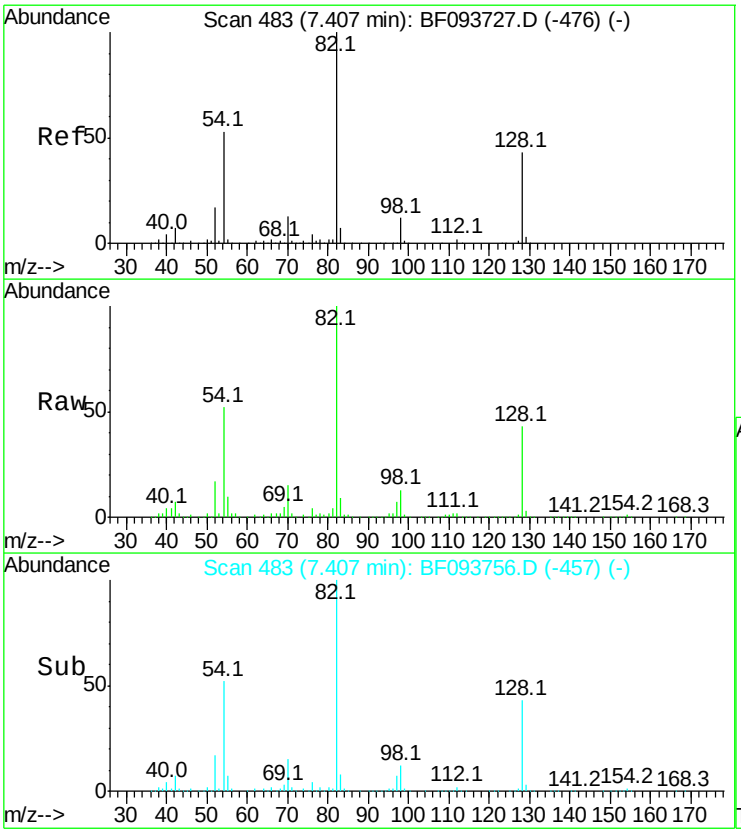
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:136 Resp: 782973

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	7.9	4.9	7.3#
68	8.5	4.1	6.1#

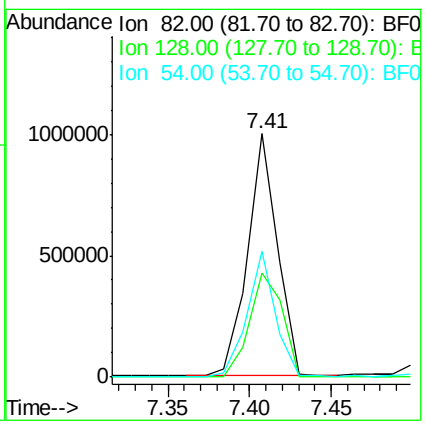


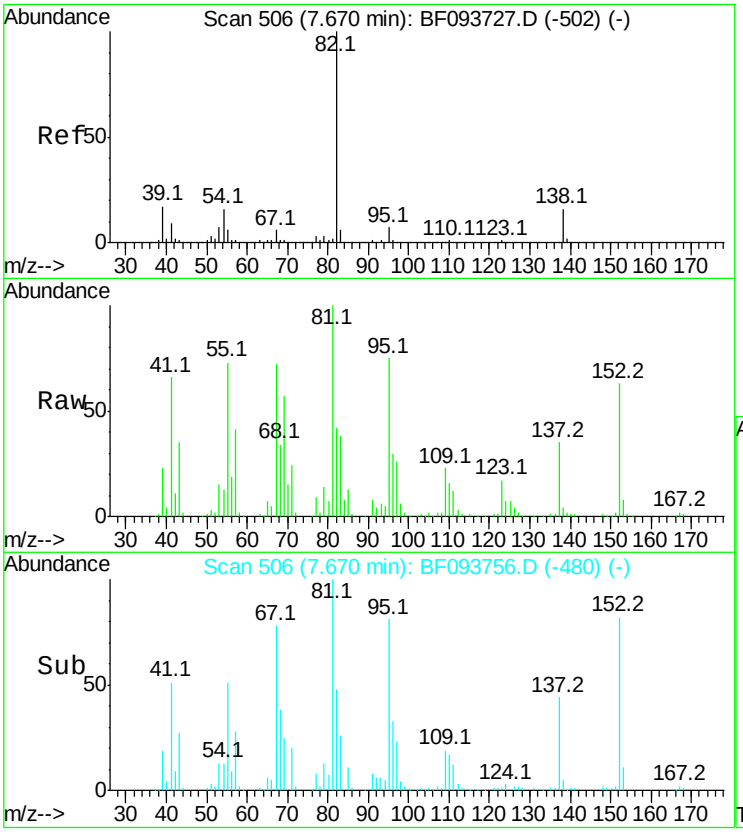


#23
Nitrobenzene-d5
Concen: 96.71 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion: 82 Resp: 1261608

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	51.9	42.2	63.2



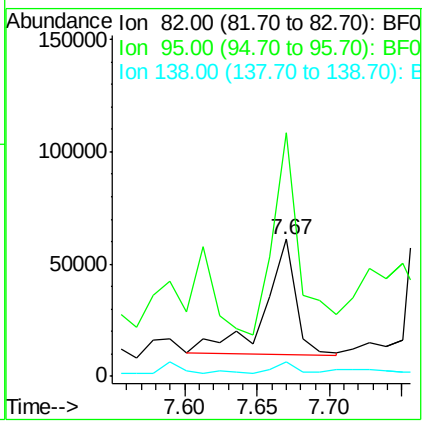


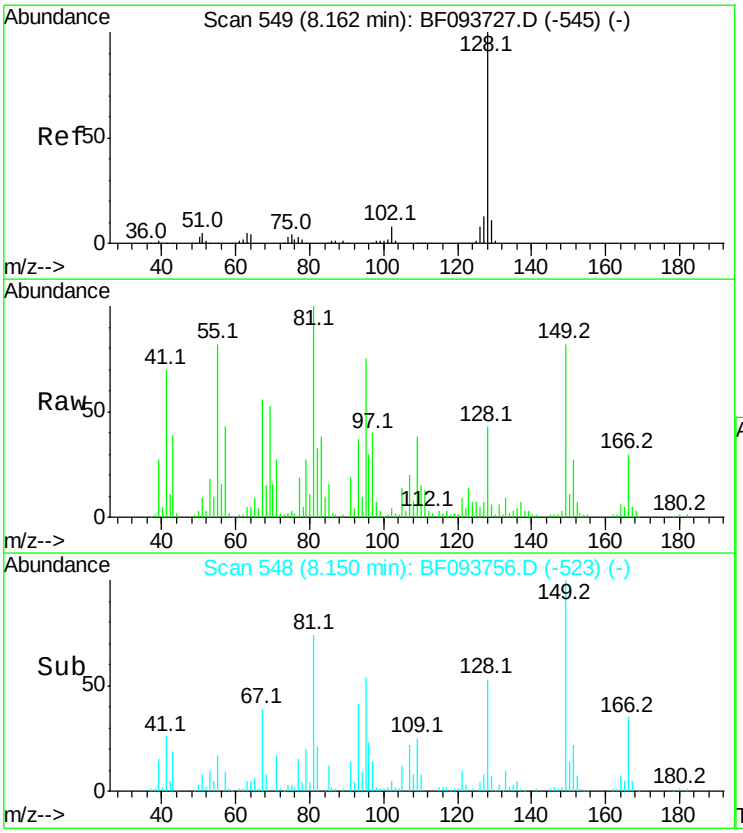
#25
Isophorone
Concen: 3.07 ng
RT: 7.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion: 82 Resp: 77057

Ion	Ratio	Lower	Upper
82	100		
95	177.3	5.3	7.9#
138	10.1	13.1	19.7#

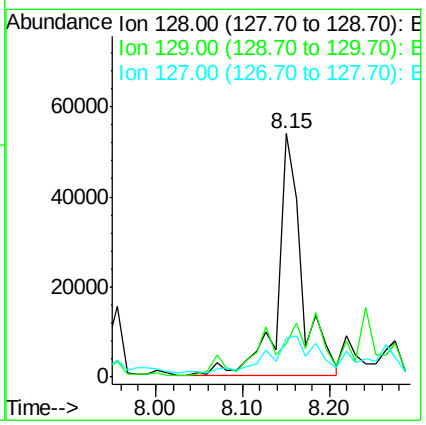


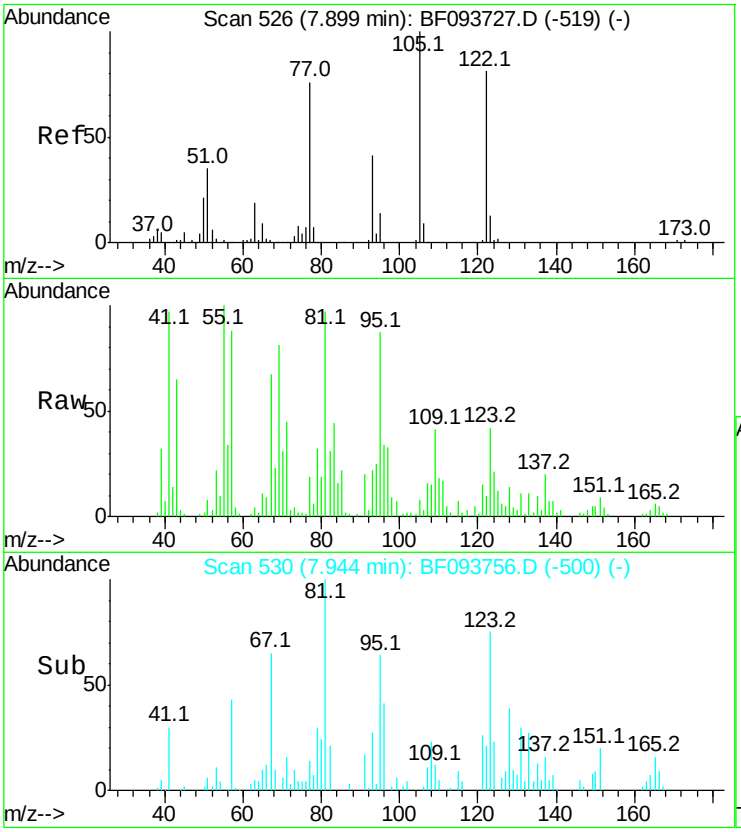


#31
Naphthalene
Concen: 2.72 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:128 Resp: 103978

Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.0	13.6#
127	16.0	10.8	16.2



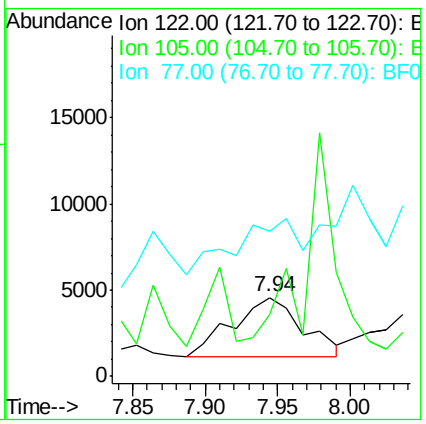


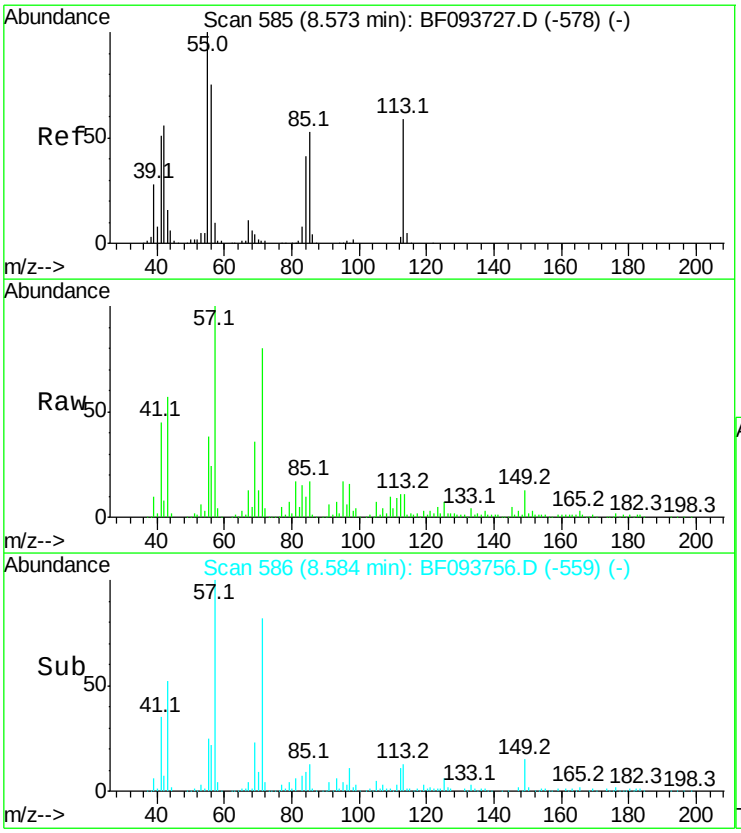
#32
Benzoic acid
Concen: 5.27 ng
RT: 7.94 min Scan# 530
Delta R.T. 0.05 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:122 Resp: 11617

Ion	Ratio	Lower	Upper
122	100		
105	78.7	103.3	143.3#
77	183.1	73.7	113.7#

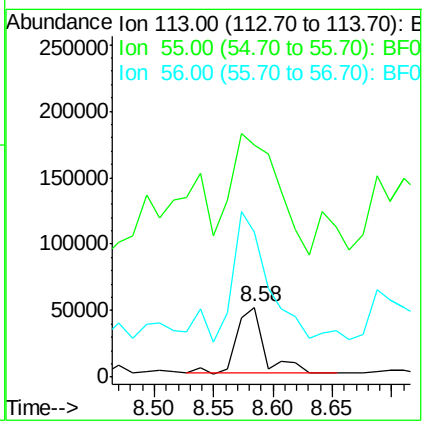


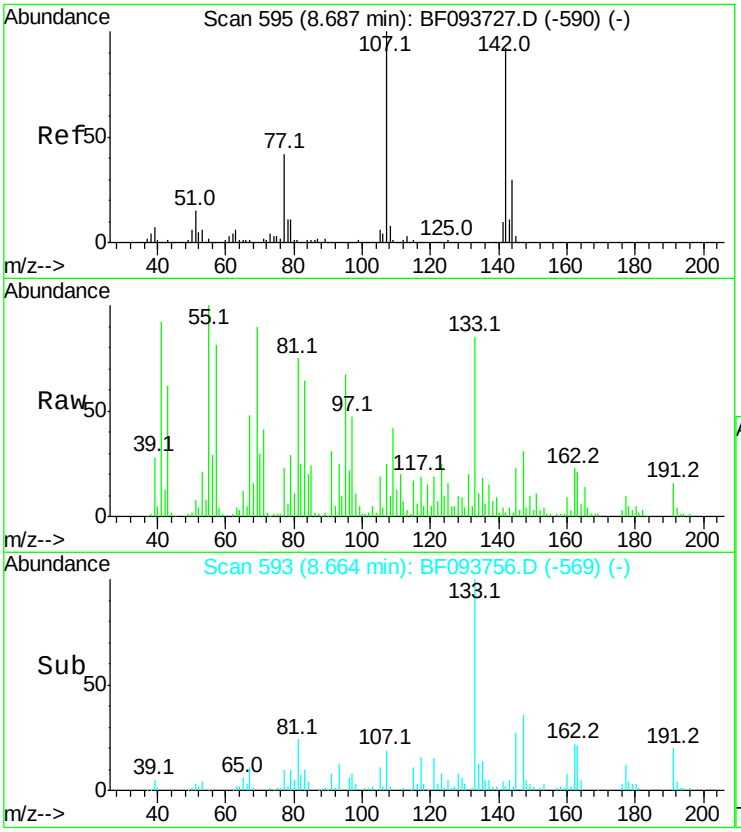


#35
Caprolactam
Concen: 23.46 ng
RT: 8.58 min Scan# 586
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:113 Resp: 82666

Ion	Ratio	Lower	Upper
113	100		
55	331.2	150.2	190.2#
56	206.6	107.8	147.8#



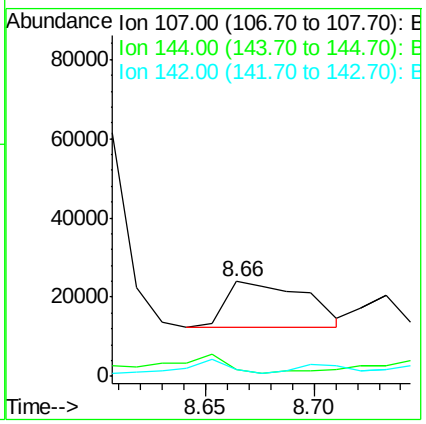


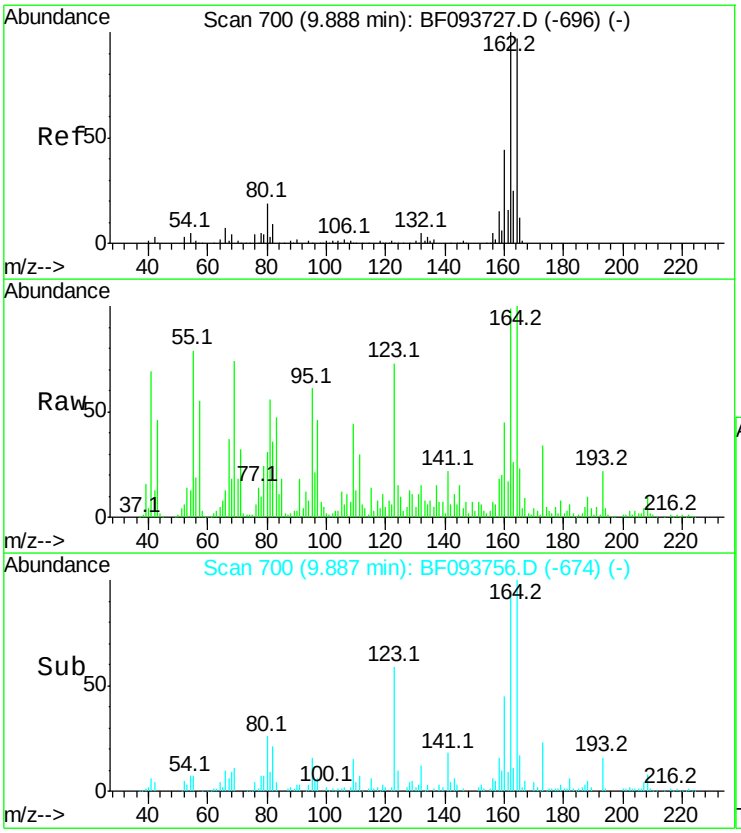
#36
4-Chloro-3-methylphenol
Concen: 2.64 ng
RT: 8.66 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:107 Resp: 29218

Ion	Ratio	Lower	Upper
107	100		
144	7.2	24.2	36.4#
142	7.8	73.4	110.0#

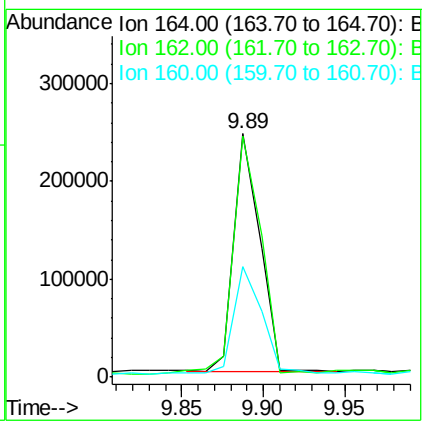


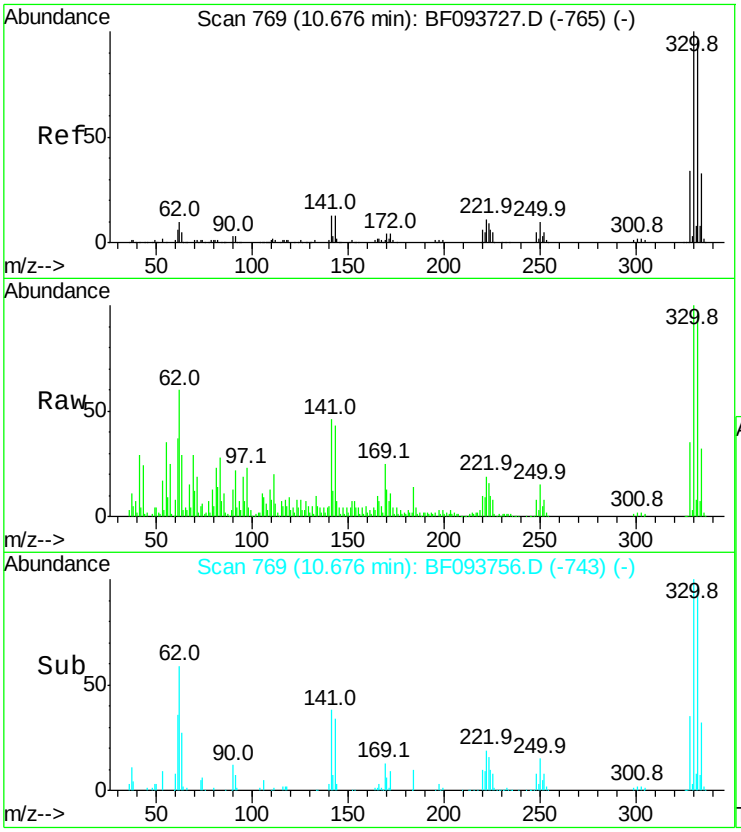


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:164 Resp: 266011

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.6	123.8
160	45.2	36.2	54.2



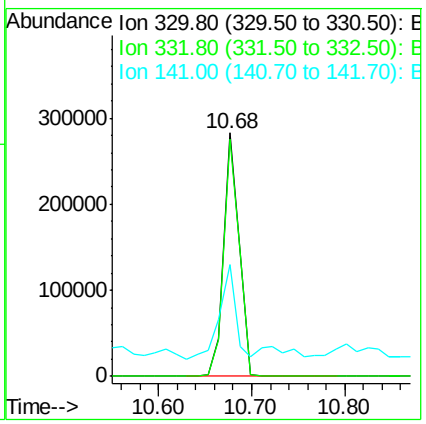


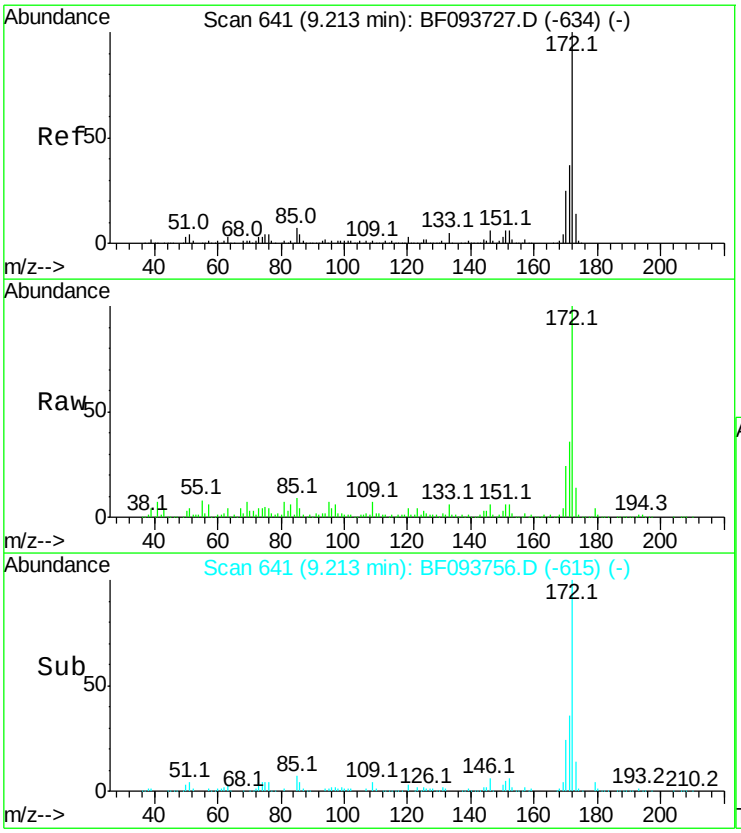
#41
2,4,6-Tribromophenol
Concen: 187.98 ng
RT: 10.68 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:330 Resp: 327268

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	39.0	31.4	47.2

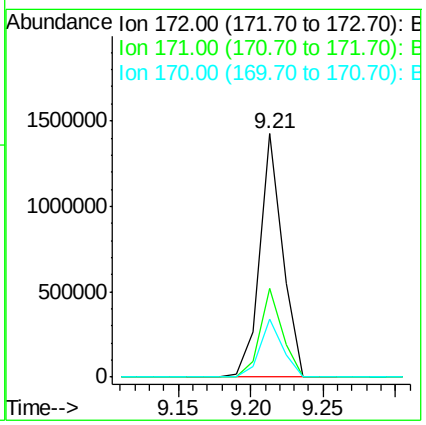


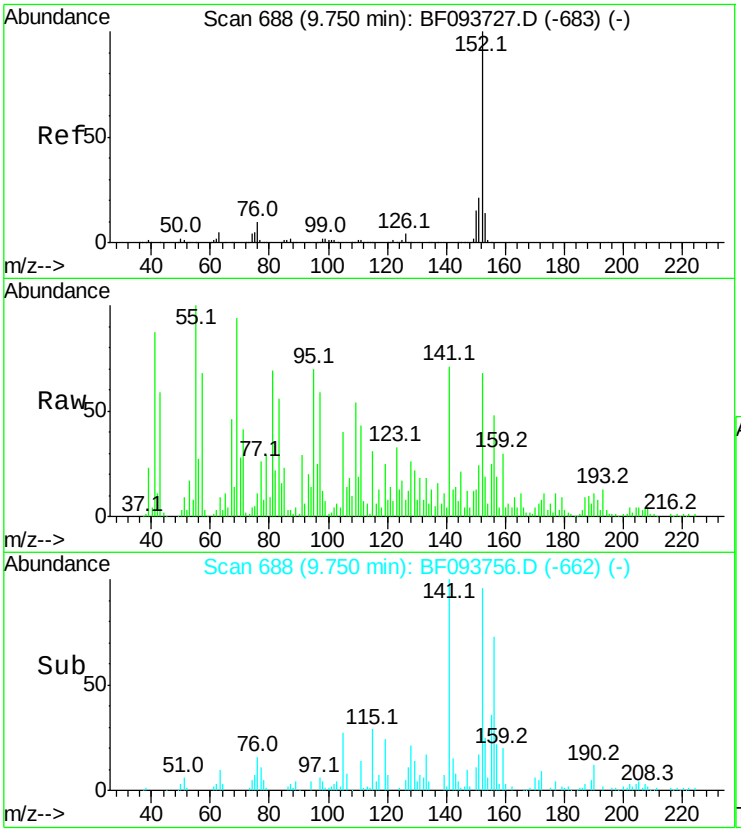


#44
2-Fluorobiphenyl
Concen: 110.11 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:172 Resp: 1552231

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8



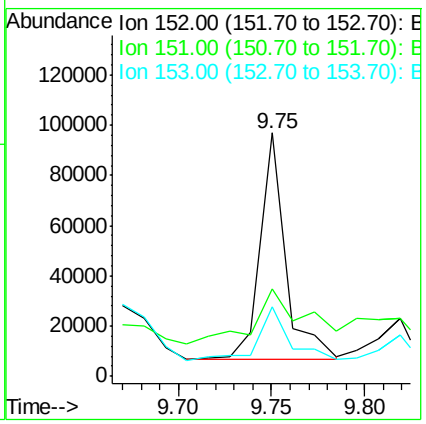


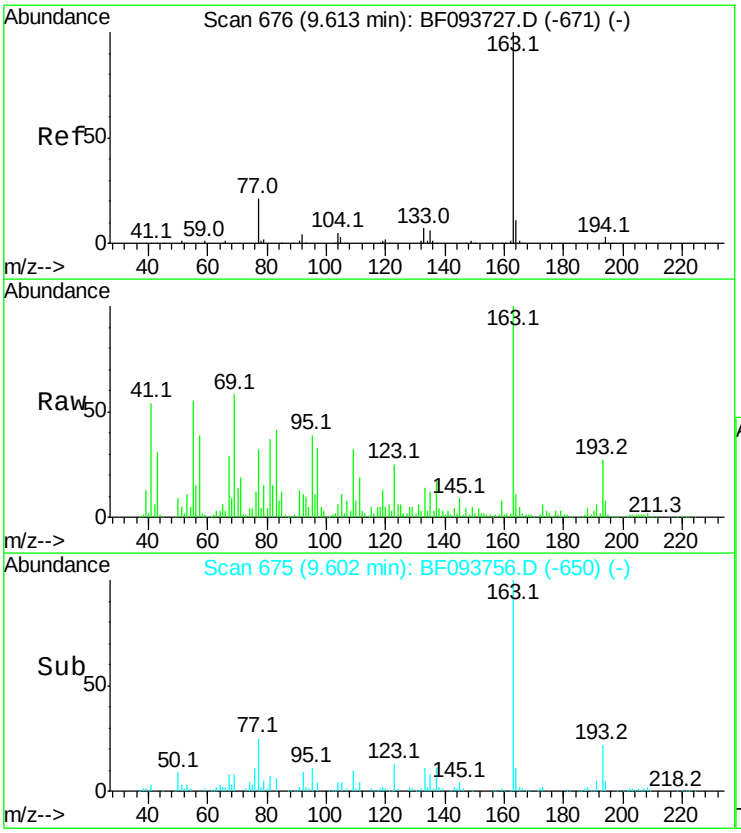
#48
Acenaphthylene
Concen: 3.53 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:152 Resp: 86169

Ion	Ratio	Lower	Upper
152	100		
151	36.1	16.8	25.2#
153	28.5	10.8	16.2#

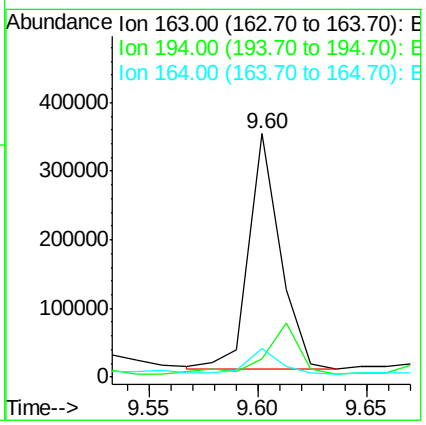


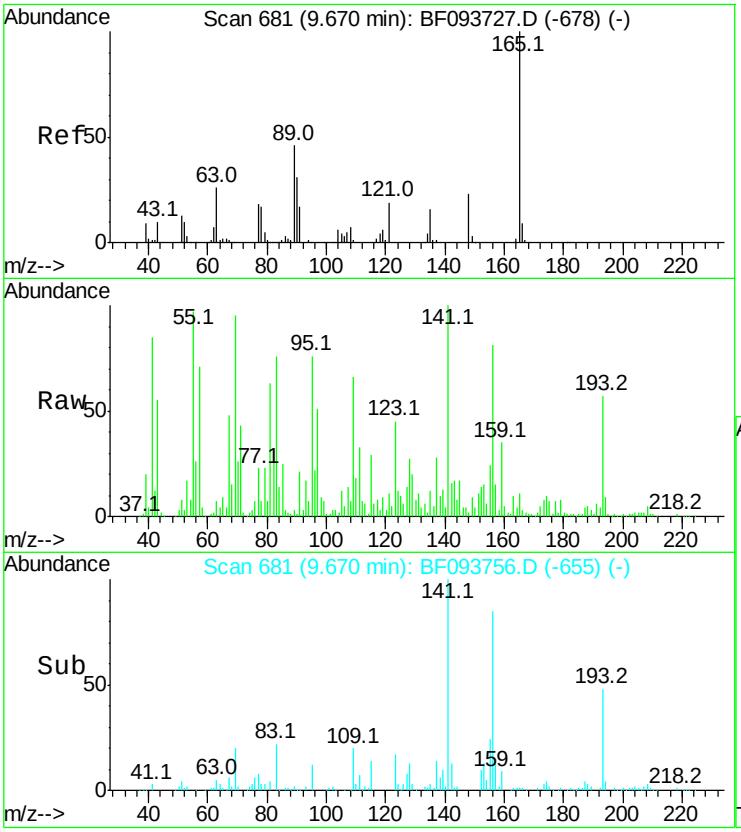


#49
Dimethylphthalate
Concen: 19.82 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:163 Resp: 344437

Ion	Ratio	Lower	Upper
163	100		
194	7.7	2.6	4.0#
164	11.5	8.4	12.6



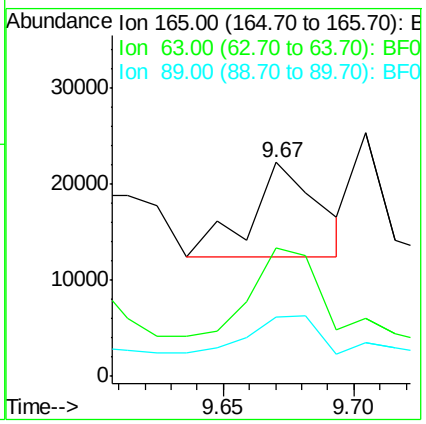


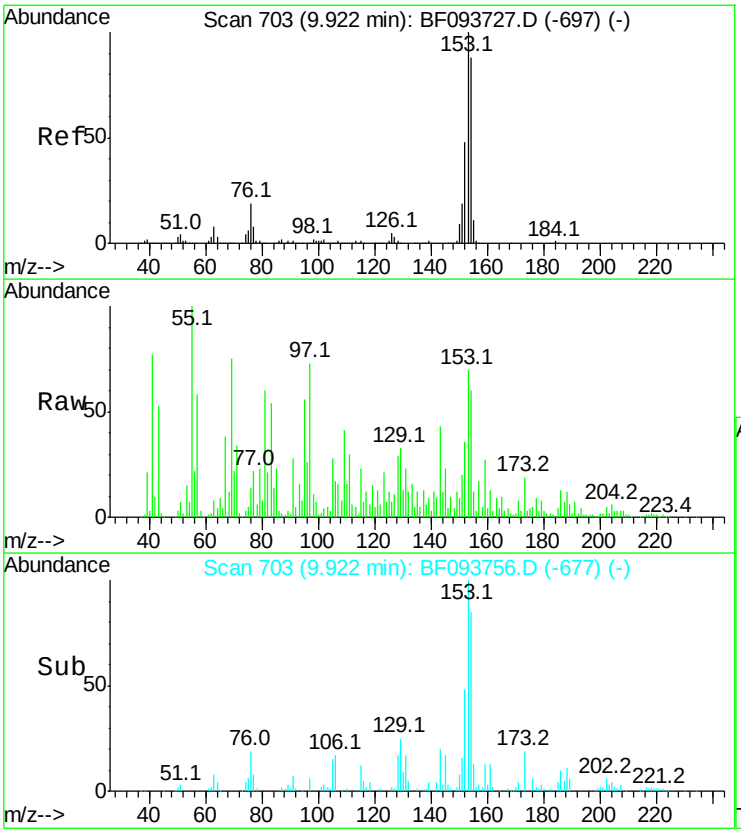
#50
2,6-Dinitrotoluene
Concen: 4.75 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:165 Resp: 17834

Ion	Ratio	Lower	Upper
165	100		
63	59.9	34.3	51.5#
89	27.9	37.1	55.7#

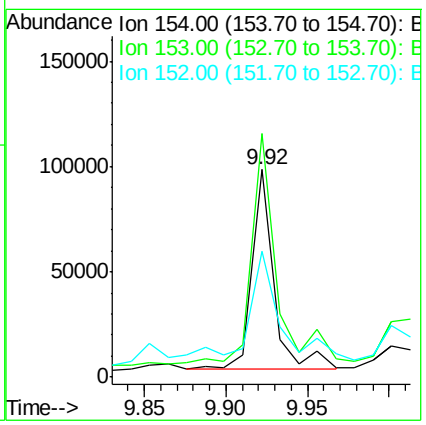


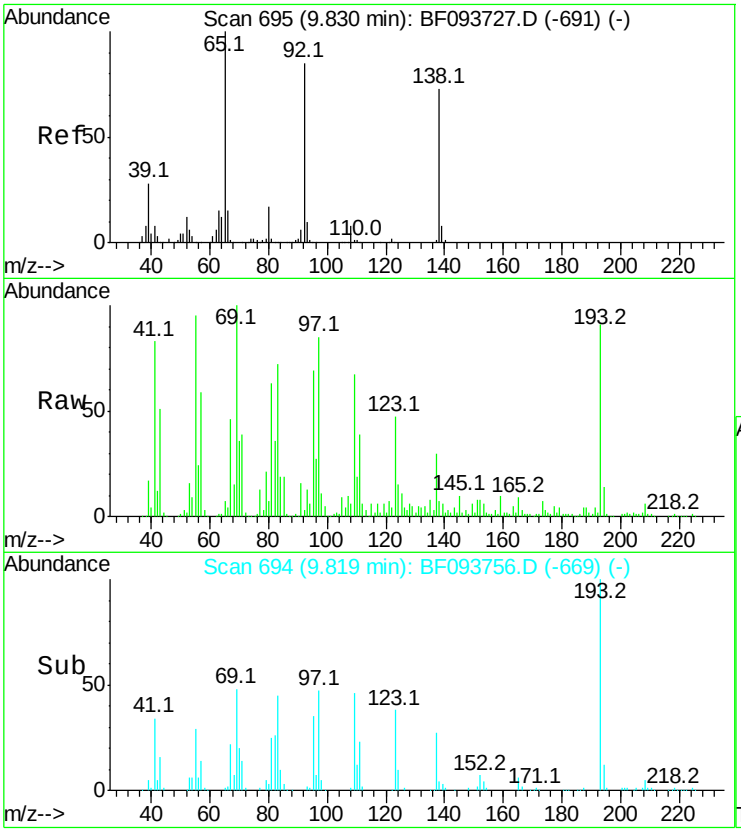


#51
Acenaphthene
Concen: 6.13 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:154 Resp: 88244

Ion	Ratio	Lower	Upper
154	100		
153	117.3	90.5	135.7
152	60.4	43.6	65.4



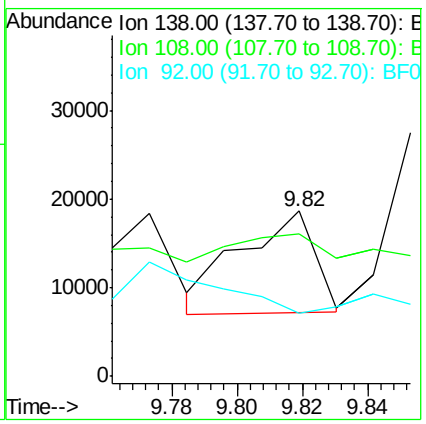


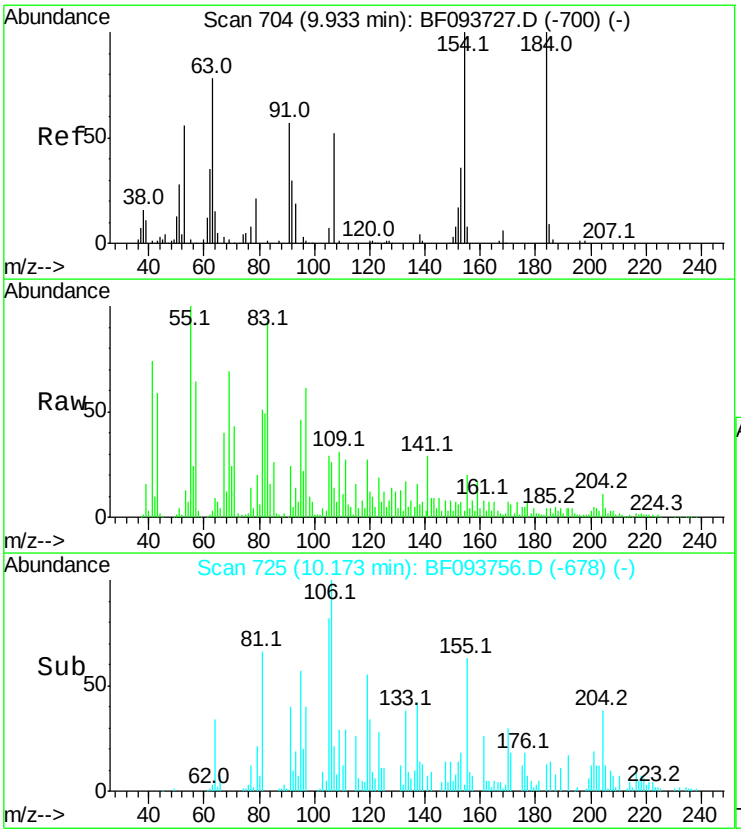
#52
3-Nitroaniline
Concen: 4.09 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:138 Resp: 18209

Ion	Ratio	Lower	Upper
138	100		
108	86.3	9.1	13.7#
92	38.5	93.8	140.6#

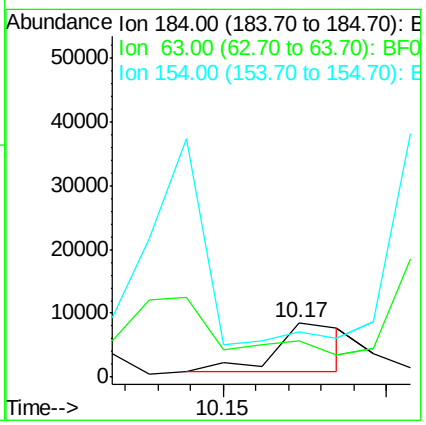


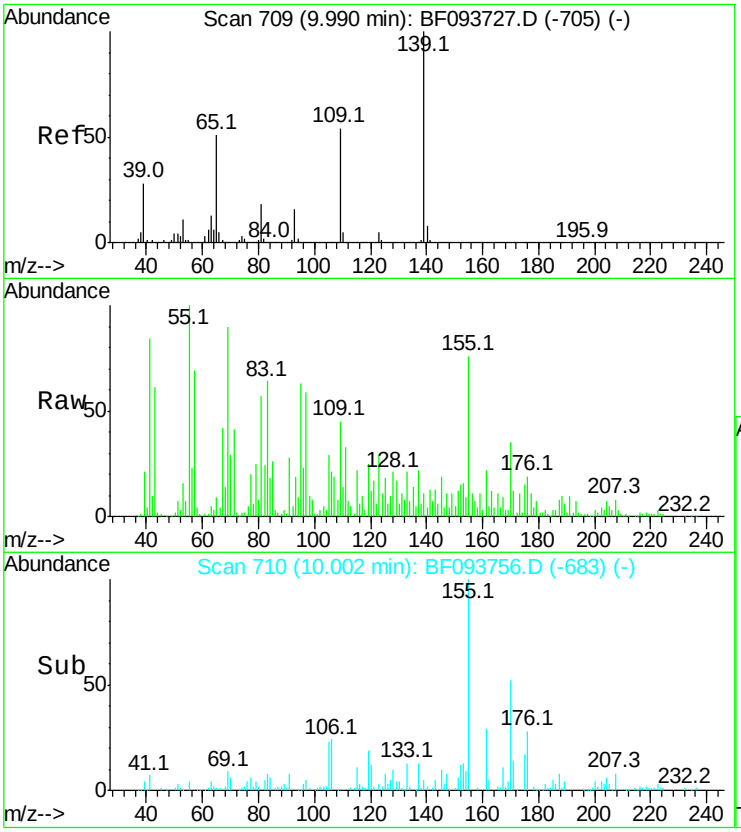


#53
2,4-Dinitrophenol
Concen: 13.36 ng
RT: 10.17 min Scan# 725
Delta R.T. 0.24 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:184 Resp: 11647

Ion	Ratio	Lower	Upper
184	100		
63	66.4	62.7	94.1
154	81.9	81.1	121.7



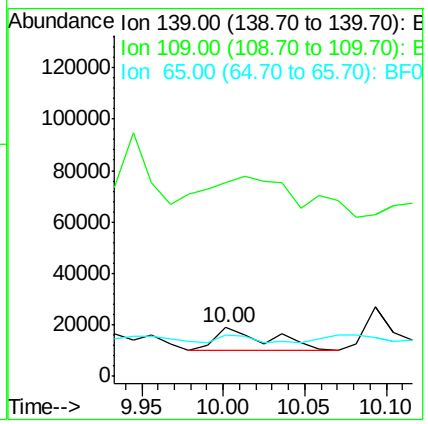


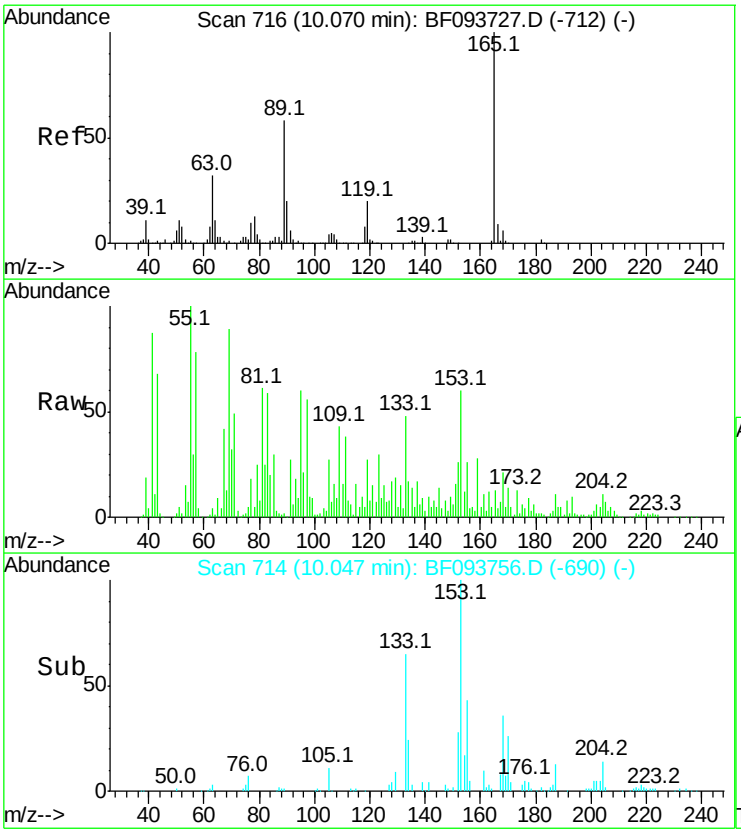
#55
4-Nitrophenol
Concen: 5.76 ng
RT: 10.00 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:139 Resp: 19362

Ion	Ratio	Lower	Upper
139	100		
109	397.2	34.1	74.1#
65	83.7	31.4	71.4#

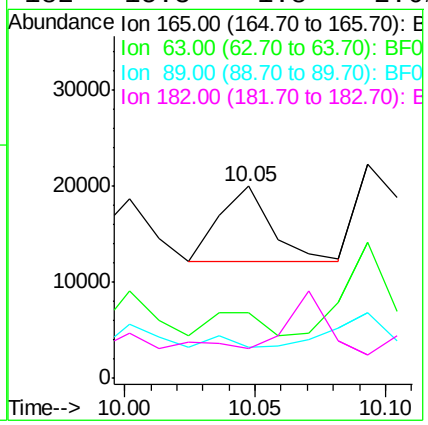


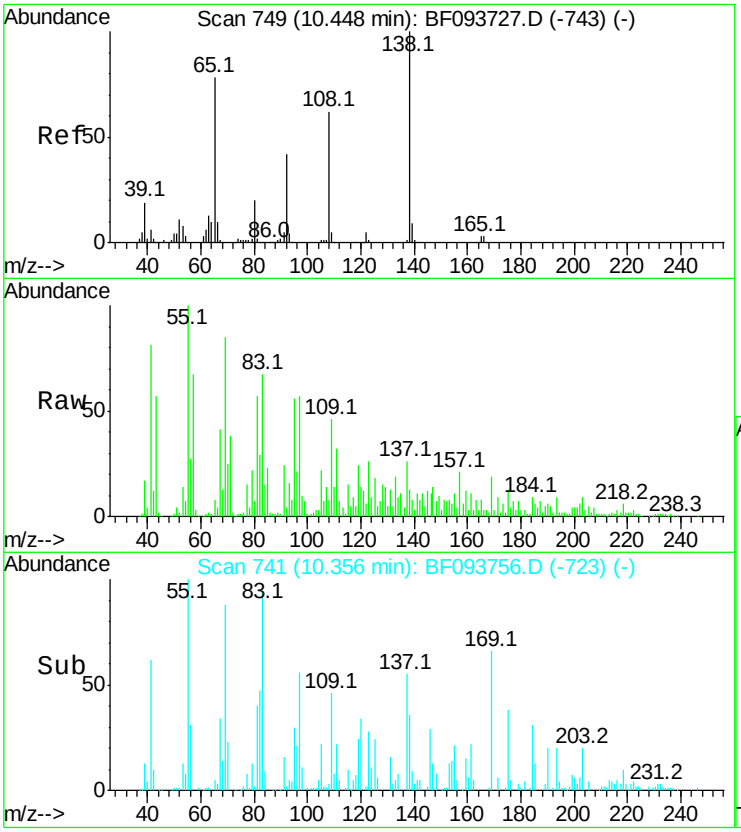


#56
2,4-Dinitrotoluene
Concen: 2.24 ng
RT: 10.05 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:165 Resp: 11187

Ion	Ratio	Lower	Upper
165	100		
63	34.0	25.4	38.0
89	16.4	46.4	69.6#
182	15.3	1.8	2.6#



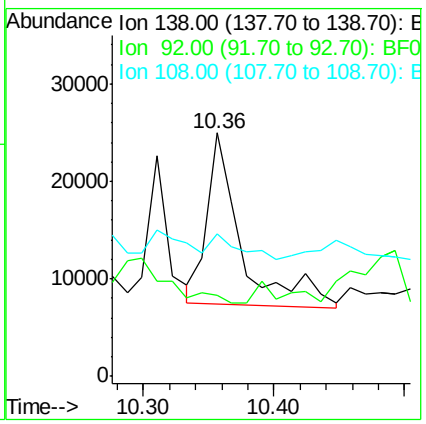


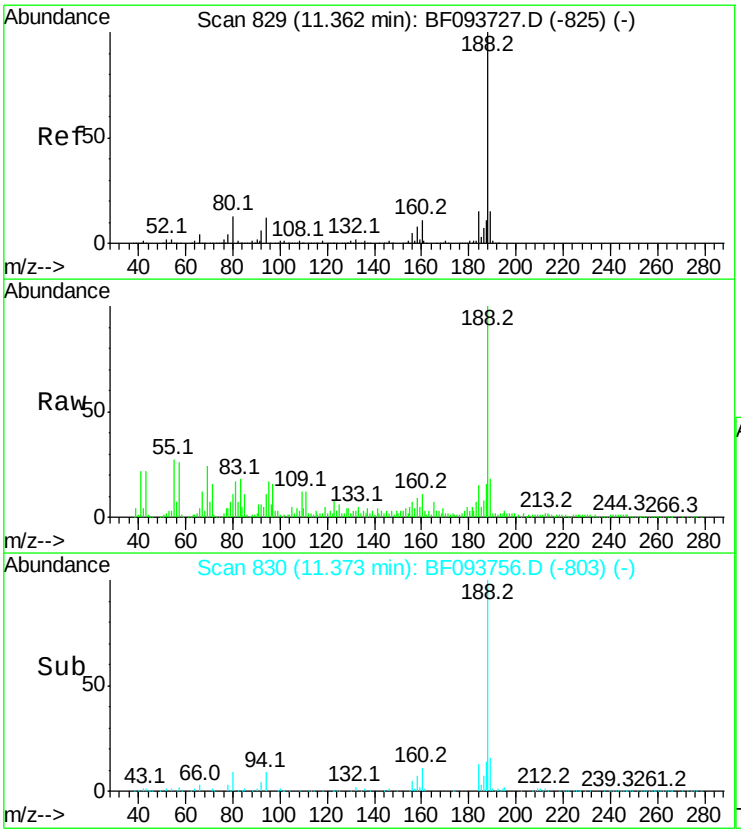
#61
4-Nitroaniline
Concen: 7.70 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.09 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:138 Resp: 31919

Ion	Ratio	Lower	Upper
138	100		
92	33.5	21.8	61.8
108	58.5	42.3	82.3

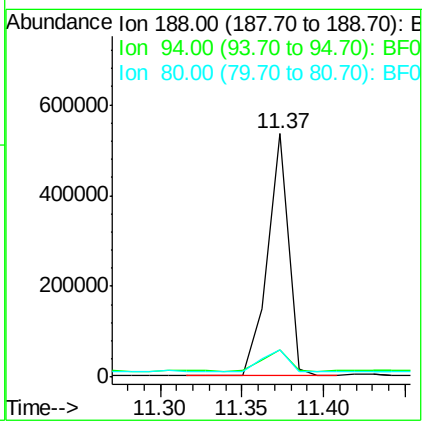


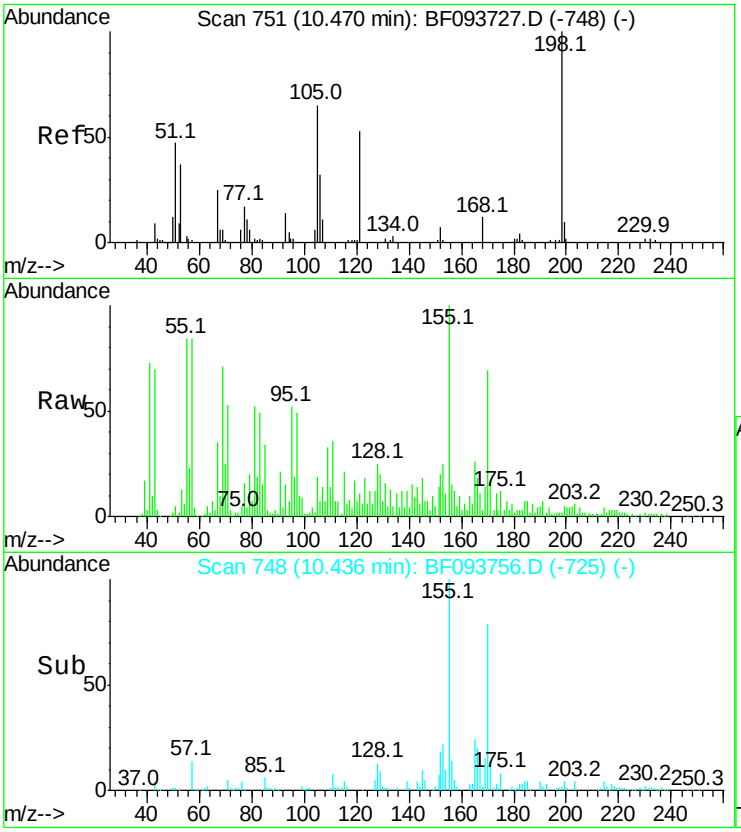


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:188 Resp: 481194

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.4	10.2	15.2



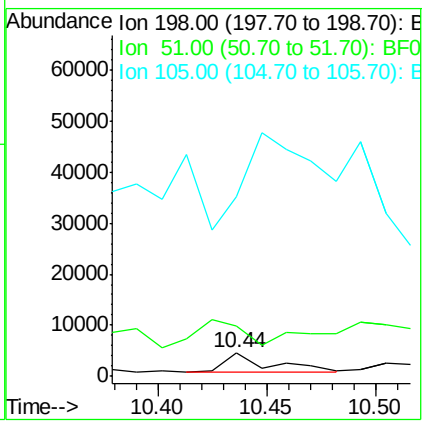


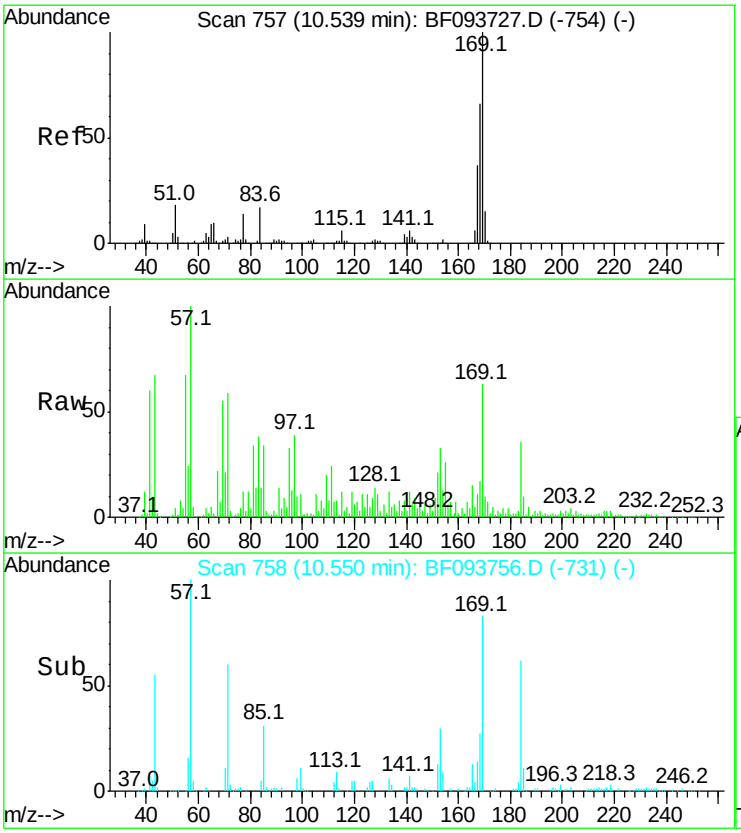
#64
4,6-Dinitro-2-methylphenol
Concen: 5.81 ng
RT: 10.44 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:198 Resp: 5284

Ion	Ratio	Lower	Upper
198	100		
51	215.3	53.2	93.2#
105	758.2	45.8	85.8#

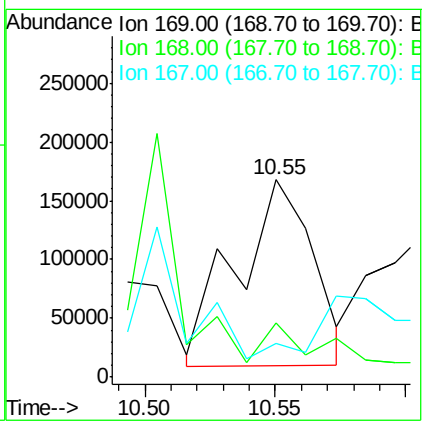


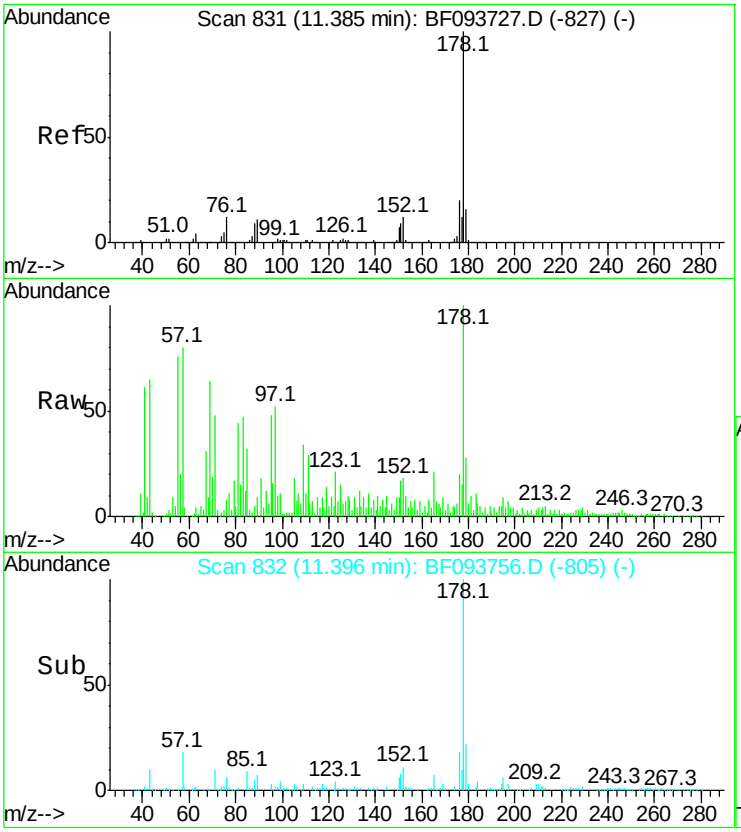


#65
n-Nitrosodiphenylamine
Concen: 19.92 ng
RT: 10.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:169 Resp: 323513

Ion	Ratio	Lower	Upper
169	100		
168	27.5	53.2	79.8#
167	17.4	29.5	44.3#



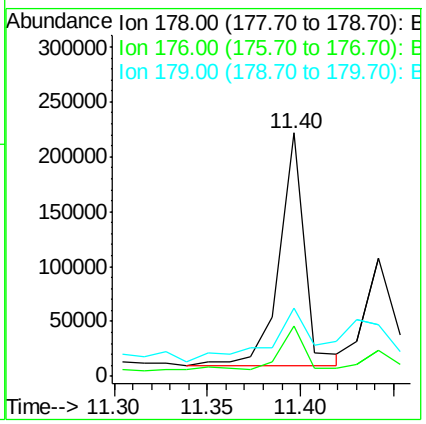


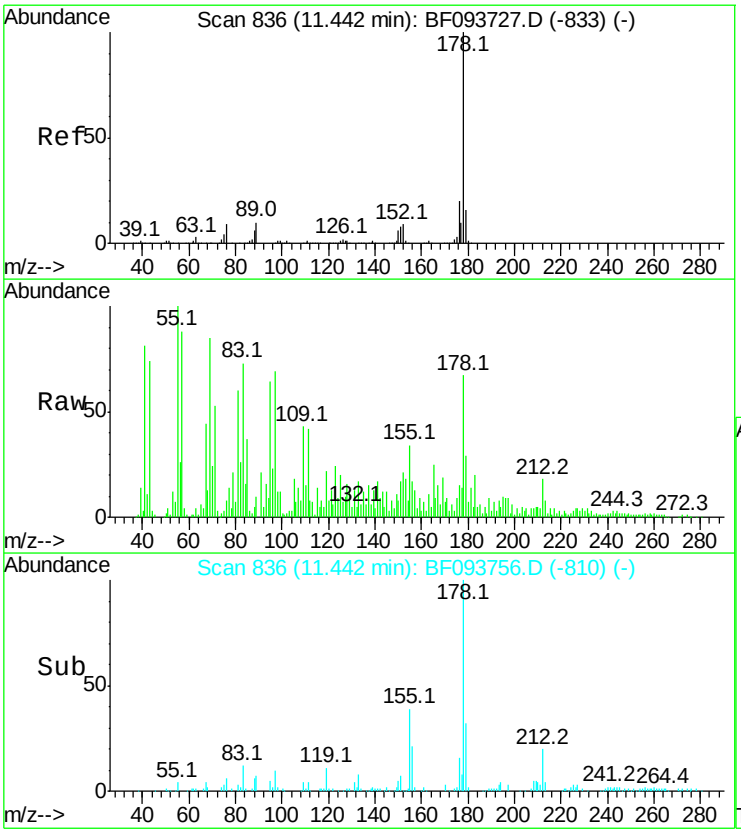
#70
Phenanthrene
Concen: 7.52 ng
RT: 11.40 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:178 Resp: 204558

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	27.9	12.6	19.0#

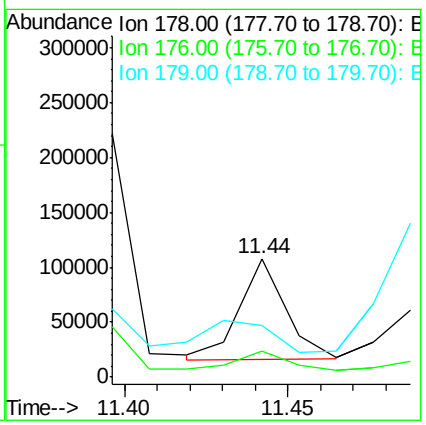


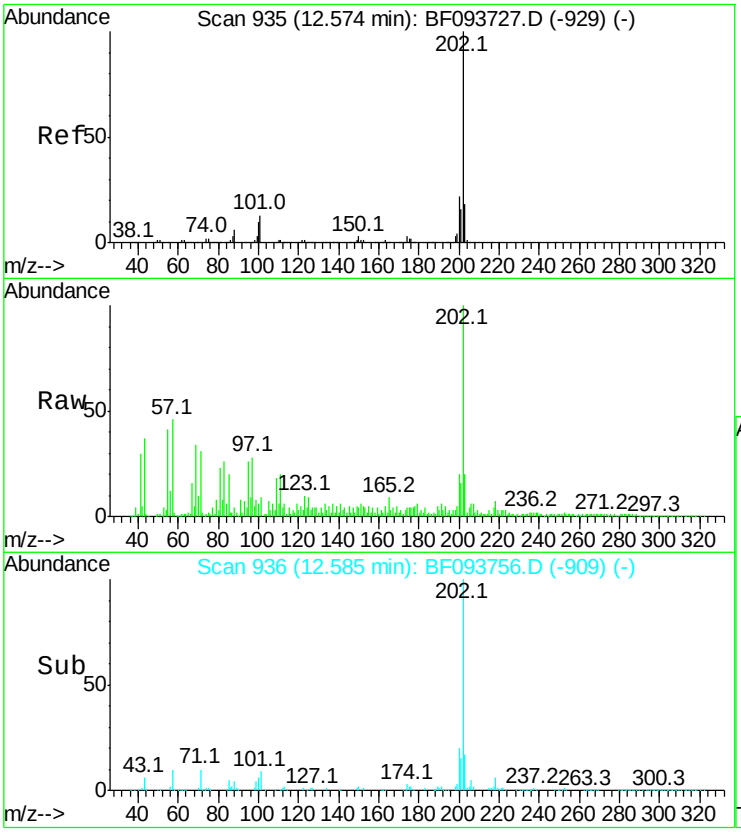


#71
Anthracene
Concen: 3.40 ng
RT: 11.44 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:178 Resp: 90597

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.8
179	43.0	12.7	19.1#



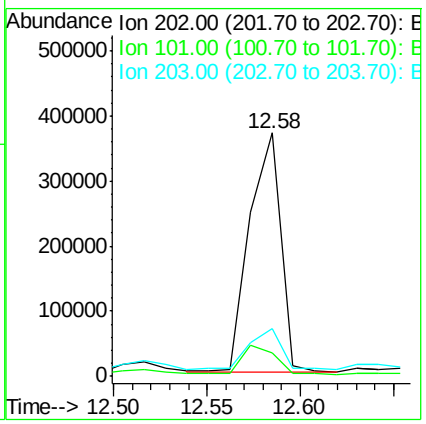


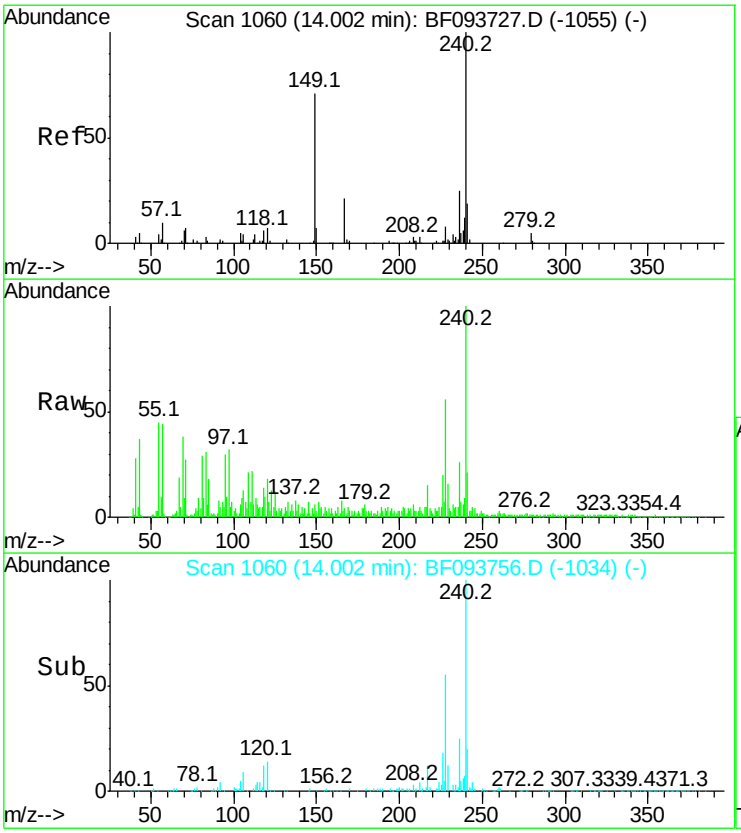
#74
Fluoranthene
Concen: 16.30 ng
RT: 12.58 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:202 Resp: 429810

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	33.2
203	19.7	0.0	38.1

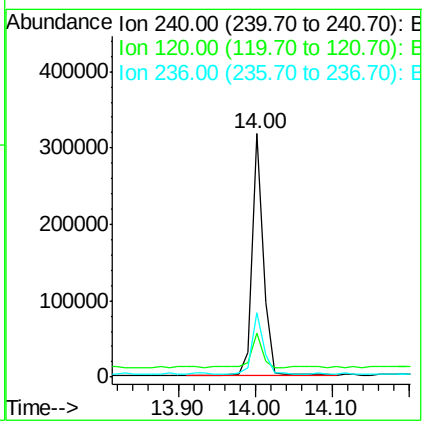


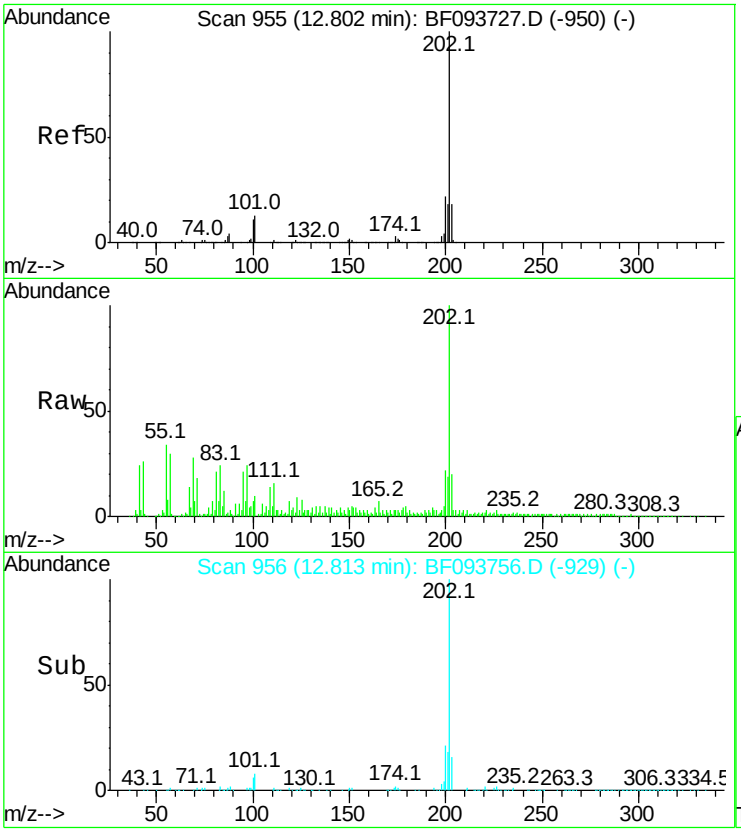


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:240 Resp: 314208

Ion	Ratio	Lower	Upper
240	100		
120	17.9	5.8	8.8#
236	26.2	20.5	30.7



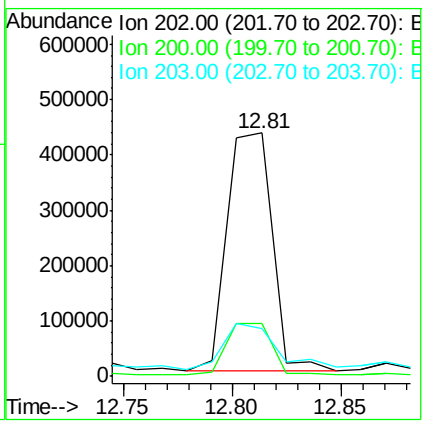


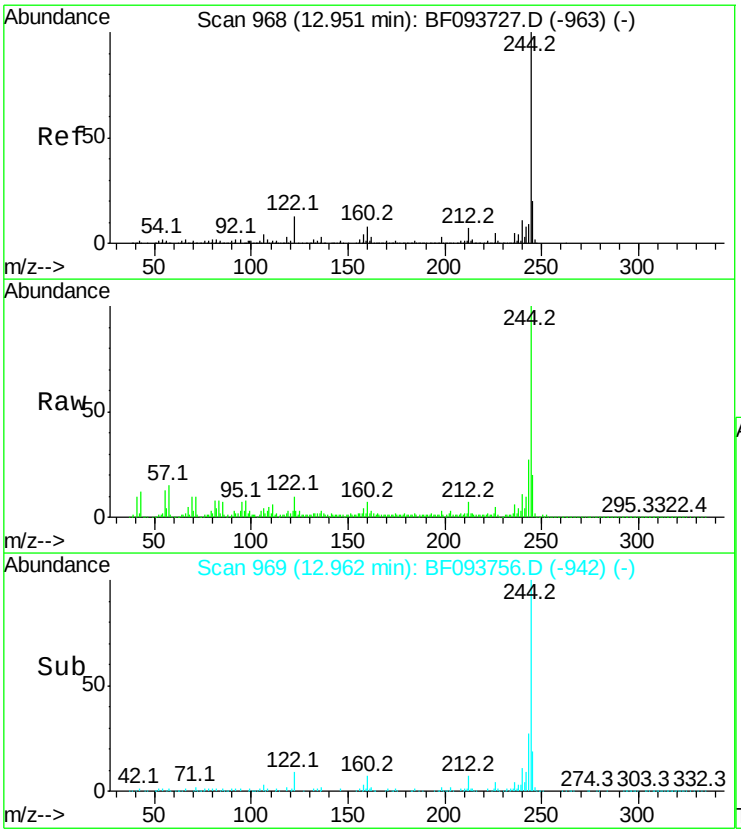
#77
Pyrene
Concen: 23.13 ng
RT: 12.81 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:202 Resp: 618100

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	19.5	14.4	21.6

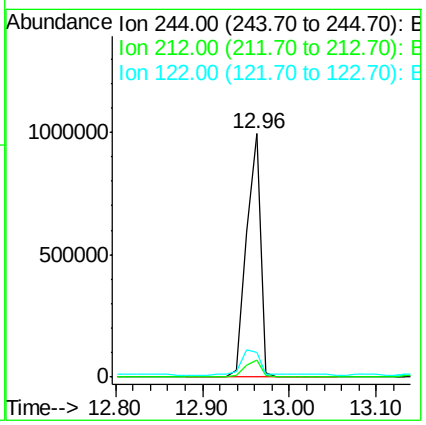


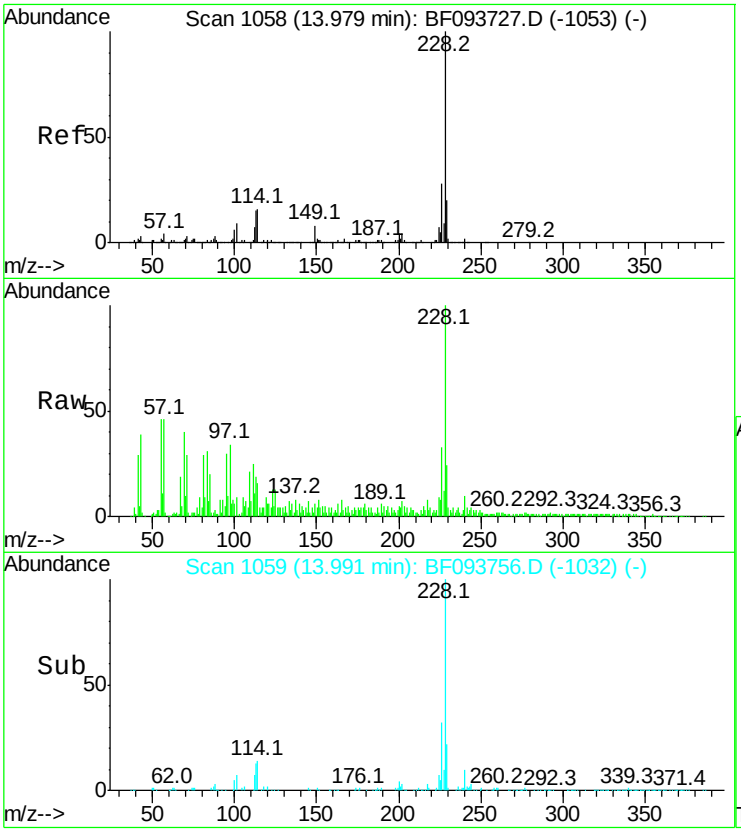


#78
Terphenyl-d14
Concen: 76.94 ng
RT: 12.96 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:244 Resp: 1123173

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.4	10.3	15.5



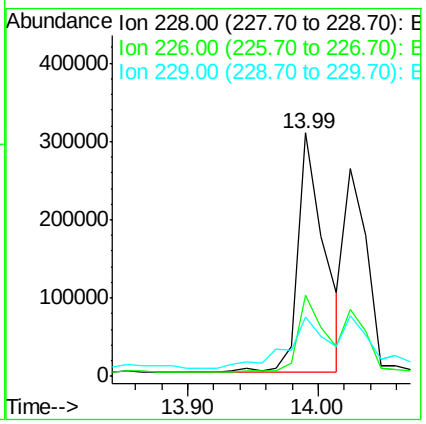


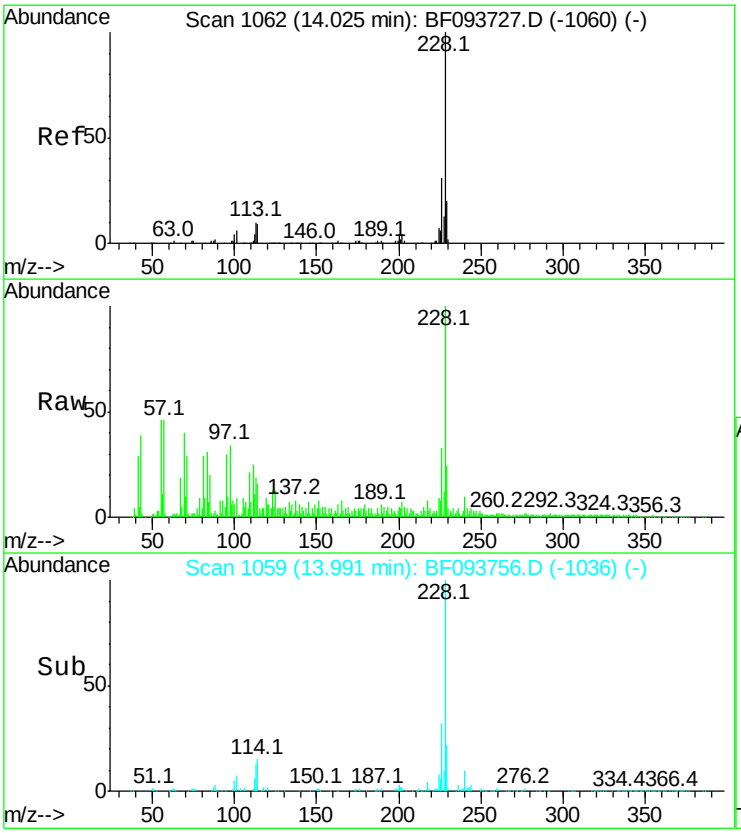
#80
Benzo(a)anthracene
Concen: 21.52 ng
RT: 13.99 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:228 Resp: 434059

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	24.4	16.3	24.5

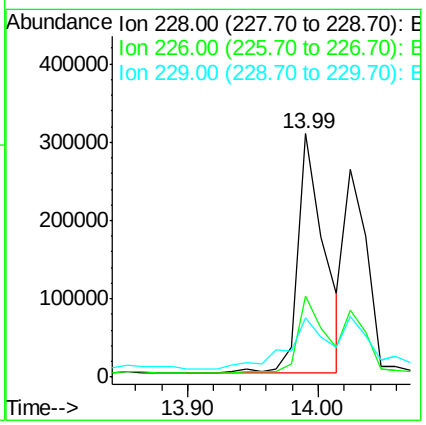


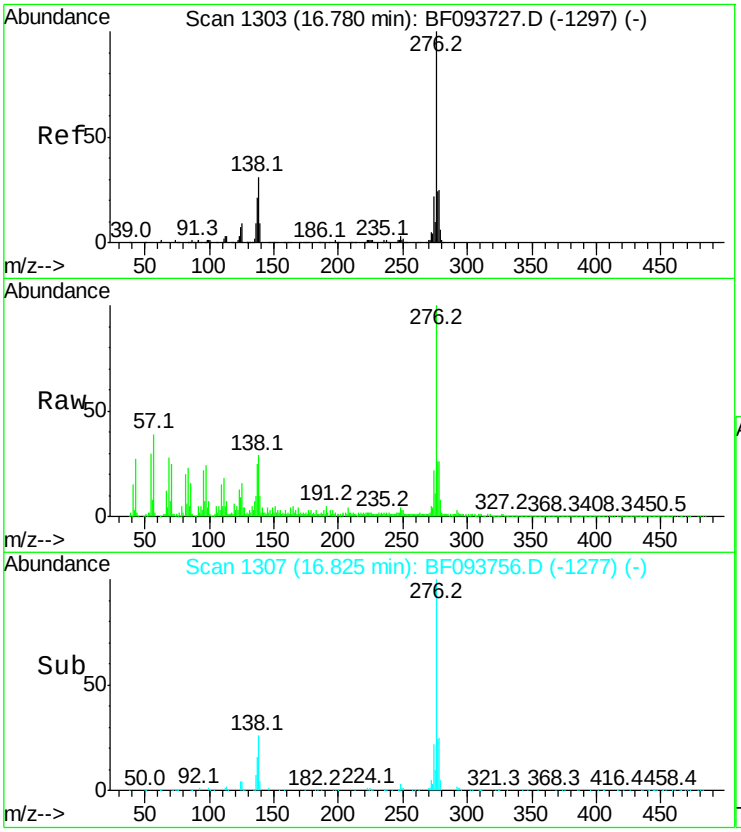


#82
Chrysene
Concen: 22.27 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:228 Resp: 434059

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	24.4	15.8	23.6#



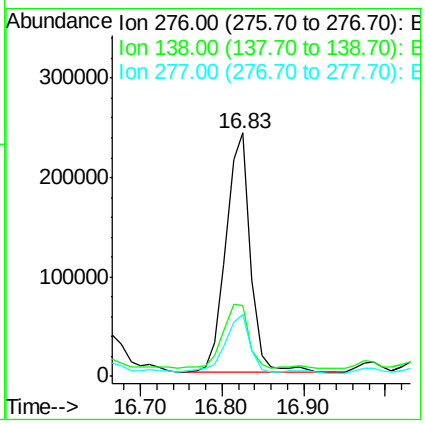


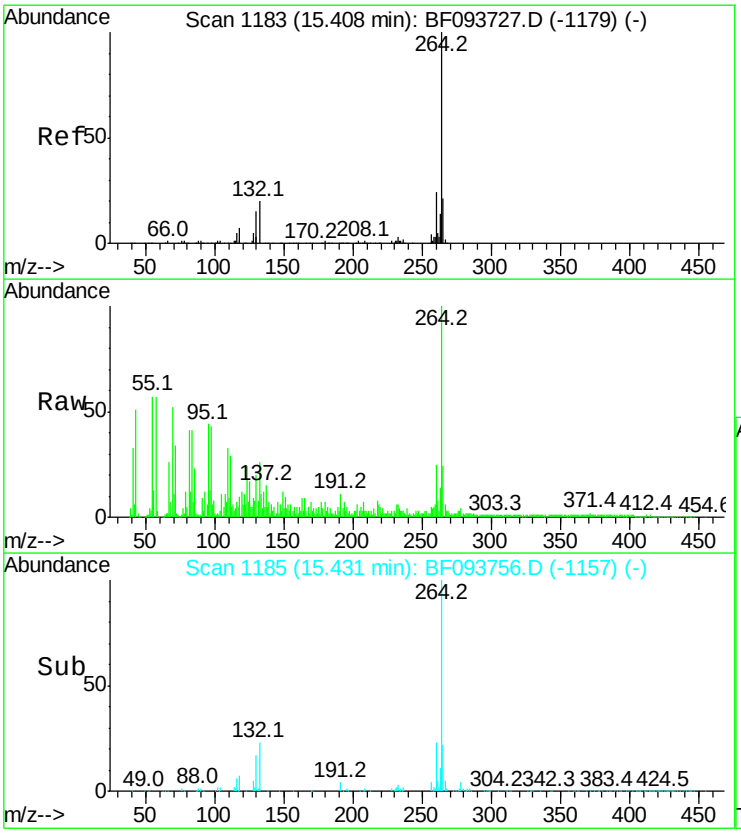
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.47 ng
RT: 16.83 min Scan# 1307
Delta R.T. 0.05 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:276 Resp: 502961

Ion	Ratio	Lower	Upper
276	100		
138	28.3	27.8	41.6
277	24.1	20.2	30.4

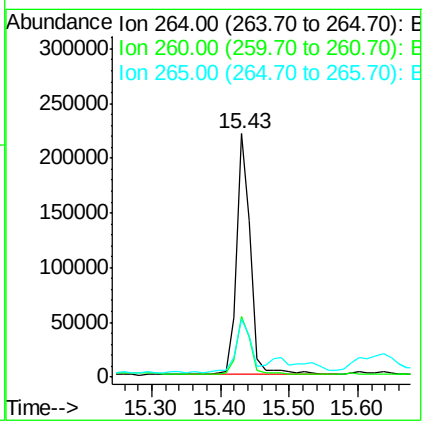


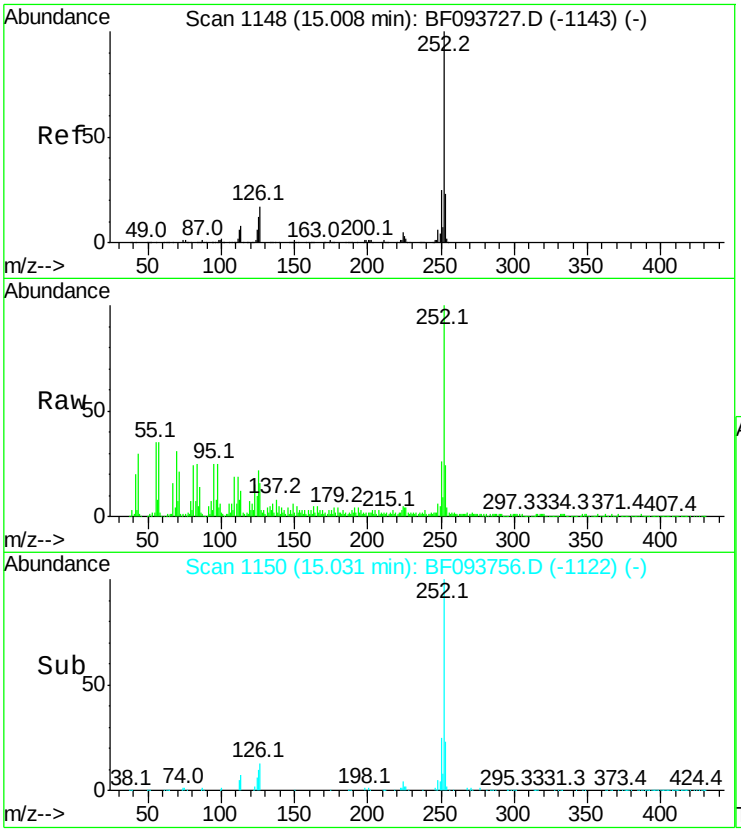


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1185
Delta R.T. 0.02 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:264 Resp: 309776

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	23.9	17.2	25.8



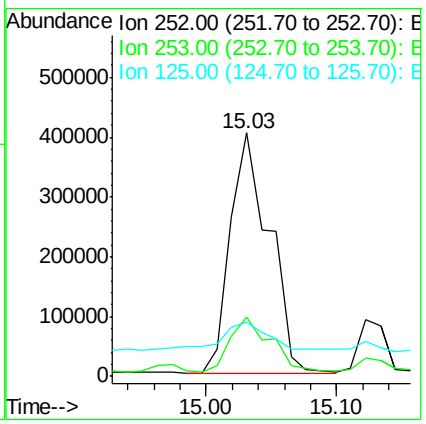


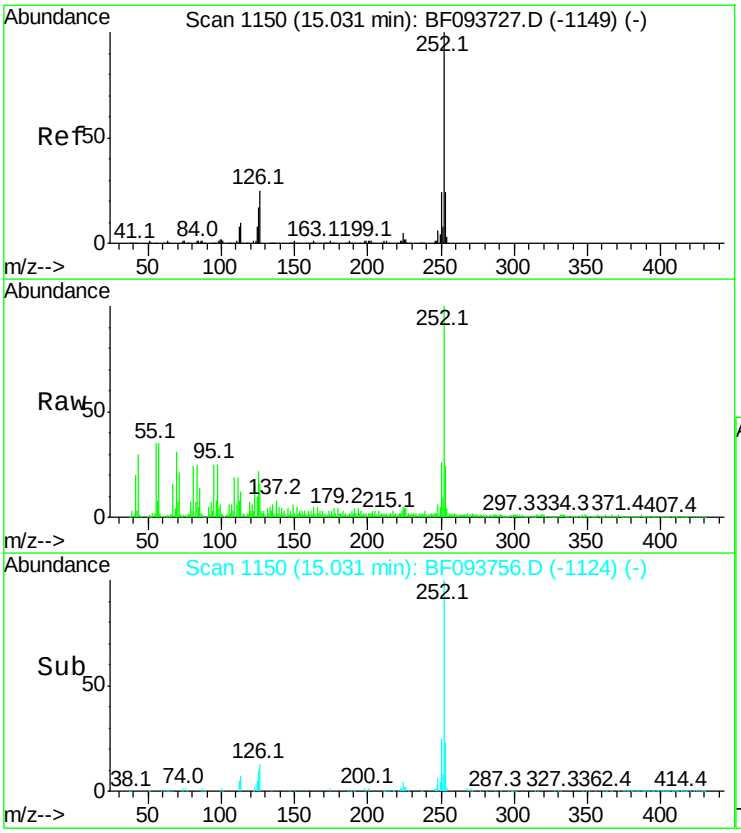
#87
Benzo(b)fluoranthene
Concen: 42.65 ng
RT: 15.03 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:252 Resp: 837469

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	22.2	9.8	14.8#

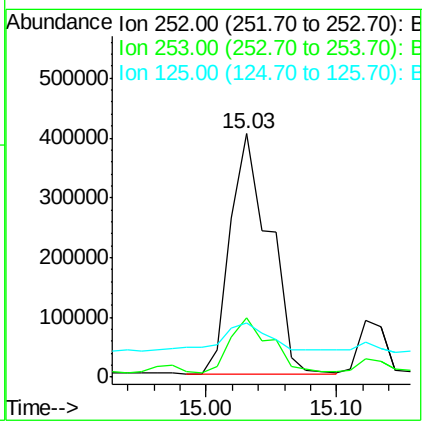


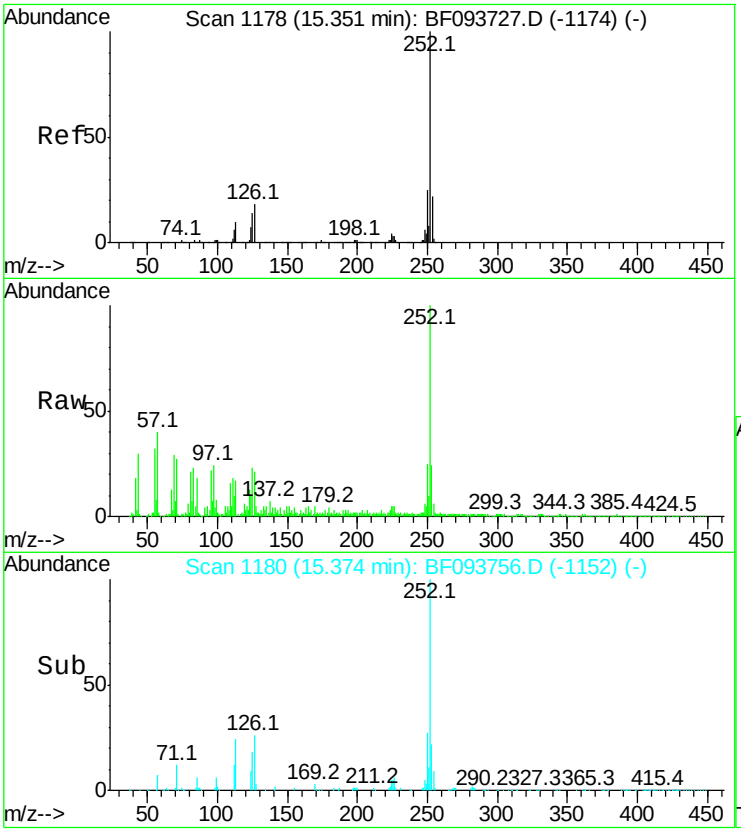


#88
Benzo(k)fluoranthene
Concen: 48.26 ng
RT: 15.03 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:252 Resp: 837469

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	22.2	13.1	19.7#



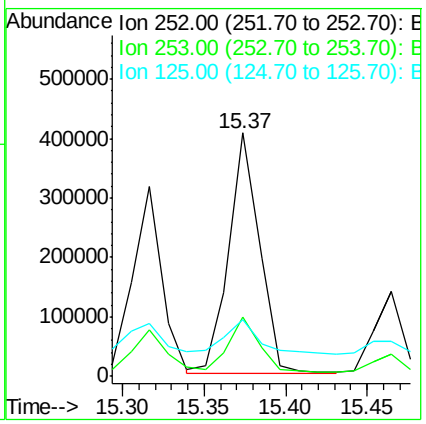


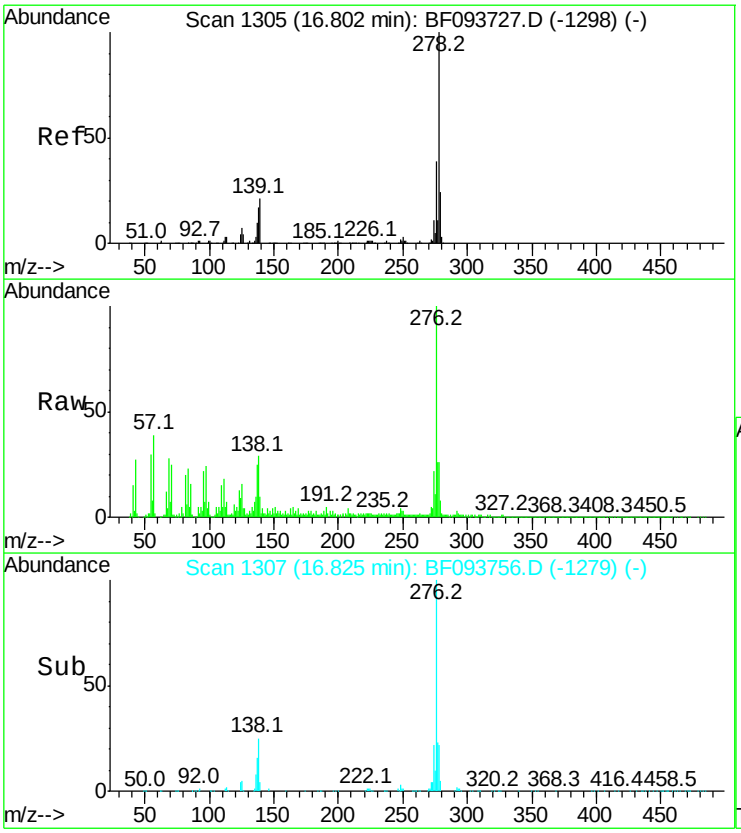
#89
Benzo(a)pyrene
Concen: 30.30 ng
RT: 15.37 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:252 Resp: 525883

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	23.1	11.0	16.4#

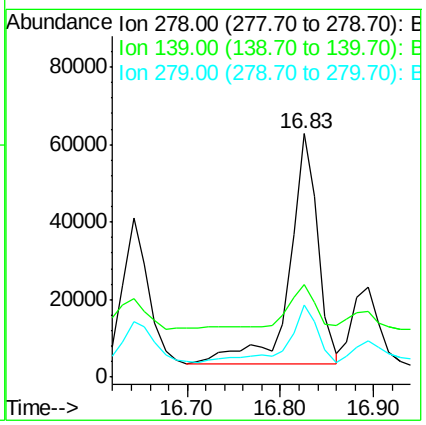


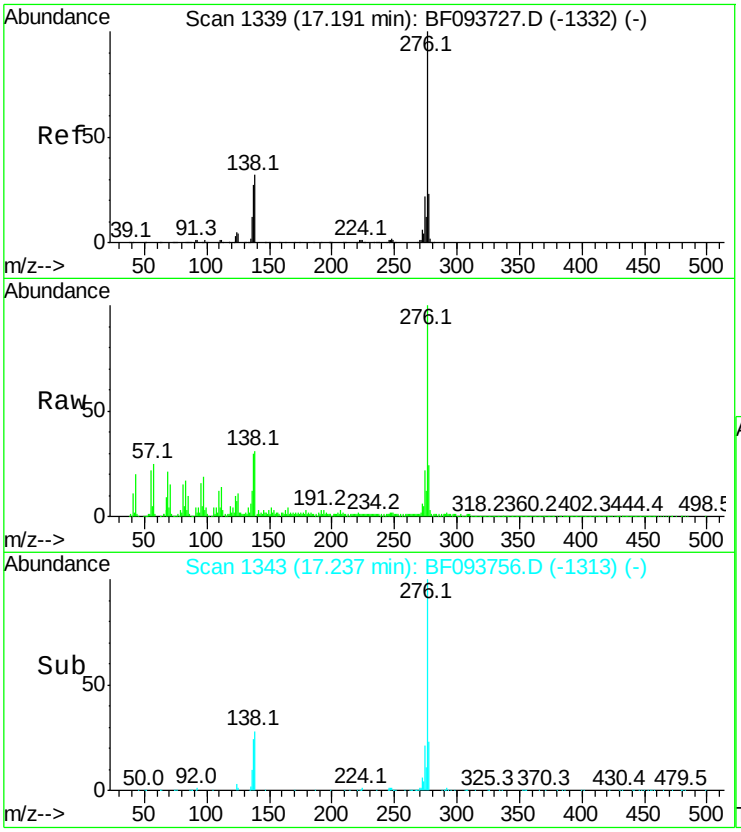


#90
Dibenzo(a,h)anthracene
Concen: 8.57 ng
RT: 16.83 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Tgt Ion:278 Resp: 125768

Ion	Ratio	Lower	Upper
278	100		
139	38.2	16.6	24.8#
279	29.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 37.13 ng
RT: 17.24 min Scan# 1343
Delta R.T. 0.05 min
Lab File: BF093756.D
Acq: 18 Mar 2017 16:17

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

Tgt Ion:276 Resp: 554419

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	31.2	25.4	38.0