Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF040317\
Data File : BF094158.D
Acq On : 4 Apr 2017 9:53
Operator : SJ/MA
Sample : I2463-10DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 04 11:39:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	162428	20.00	ng		-0.02
21) Naphthalene-d8	7.39	136	614552	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	241426	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	370258	20.00	ng		-0.01
75) Chrysene-d12	14.62	240	311373	20.00	ng		-0.01
86) Perylene-d12	16.24	264	218374	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.42	112	328751	34.19	ng		-0.02
7) Phenol-d6	5.49	99	409679	34.44	ng		-0.02
23) Nitrobenzene-d5	6.53	82	198710	18.45	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	54391	28.51	ng		-0.02
44) 2-Fluorobiphenyl	8.72	172	363314	22.95	ng		-0.02
78) Terphenyl-d14	13.33	244	216407	15.58	ng		-0.02
Target Compounds							Qvalue
17) 2-Methylphenol	6.19	107	19602	2.17	ng		93
19) n-Nitroso-di-n-propylamine	6.53	70	26065	3.41	ng	#	76
20) 3+4-Methylphenols	6.37	107	39298	3.58	ng	#	57
27) 2,4-Dimethylphenol	7.00	122	56008	6.42	ng		97
31) Naphthalene	7.42	128	262088	8.87	ng		99
32) Benzoic acid	7.17	122	40373	6.95	ng	#	12
33) 4-Chloroaniline	7.42	127	32616	2.72	ng	#	36
37) 2-Methylnaphthalene	8.26	142	68274	3.47	ng		95
50) 2,6-Dinitrotoluene	9.53	165	32448	8.25	ng	#	35
51) Acenaphthene	9.57	154	77084	5.21	ng		99
54) Dibenzofuran	9.79	168	91310	4.54	ng		96
55) 4-Nitrophenol	9.79	139	33364	9.22	ng	#	28
57) Fluorene	10.21	166	128516	7.70	ng		98
70) Phenanthrene	11.39	178	775925	37.67	ng		99
71) Anthracene	11.45	178	179284	8.45	ng		99
72) Carbazole	11.65	167	176265	8.11	ng		98
74) Fluoranthene	12.86	202	590976	28.02	ng		97
77) Pyrene	13.13	202	567176	25.10	ng		99
80) Benzo(a)anthracene	14.60	228	232177	12.79	ng		99
82) Chrysene	14.64	228	215381	12.78	ng		96
85) Indeno(1,2,3-cd)pyrene	17.59	276	62806	4.30	ng		98
87) Benzo(b)fluoranthene	15.84	252	239128	17.86	ng	#	97
88) Benzo(k)fluoranthene	15.84	252	239128	18.26	ng		98
89) Benzo(a)pyrene	16.19	252	130302	10.57	ng		99
91) Benzo(g,h,i)perylene	17.99	276	58687	5.58	ng		97

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

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Operator : SJ/MA
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Apr 04 11:39:52 2017
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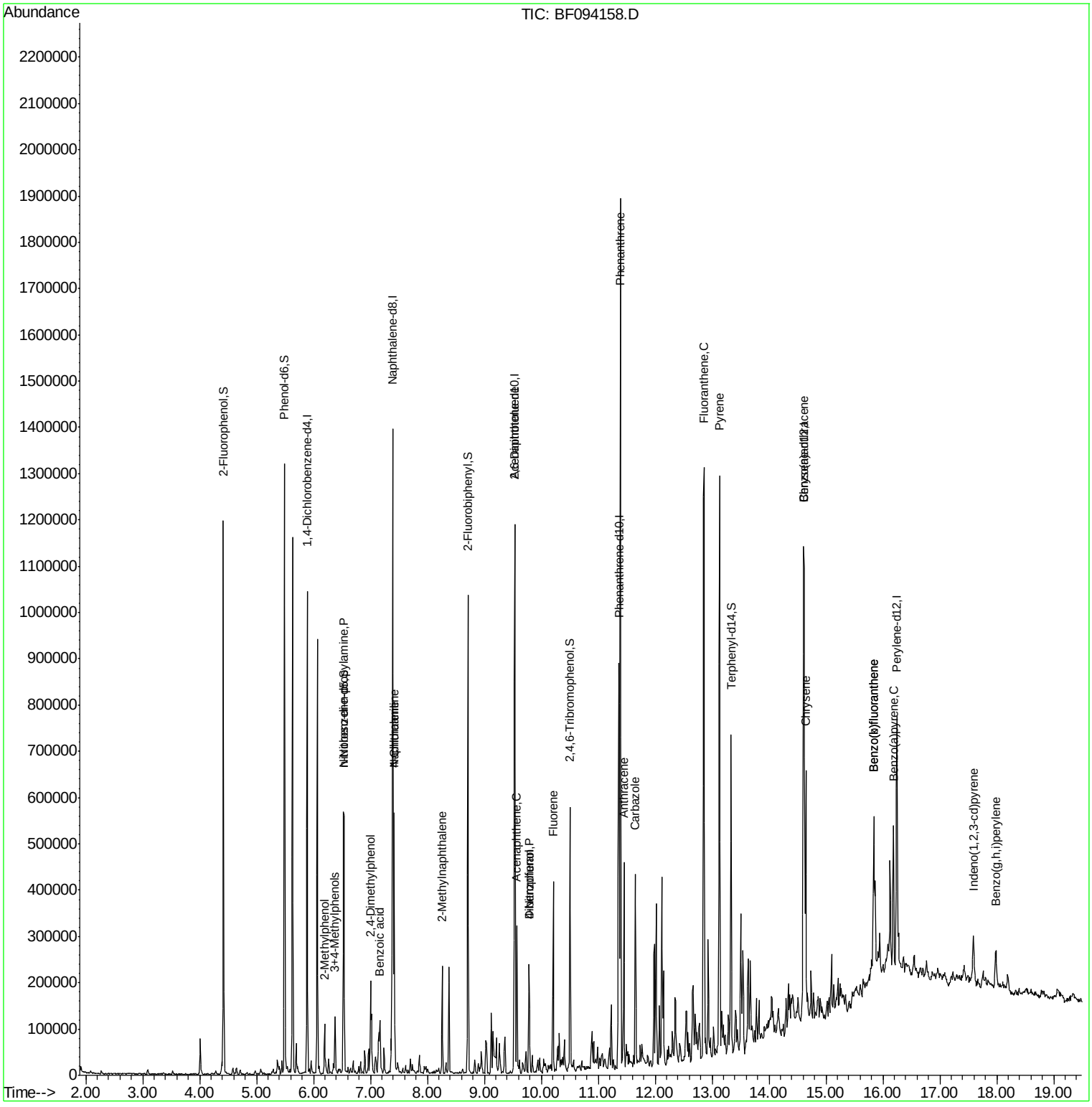
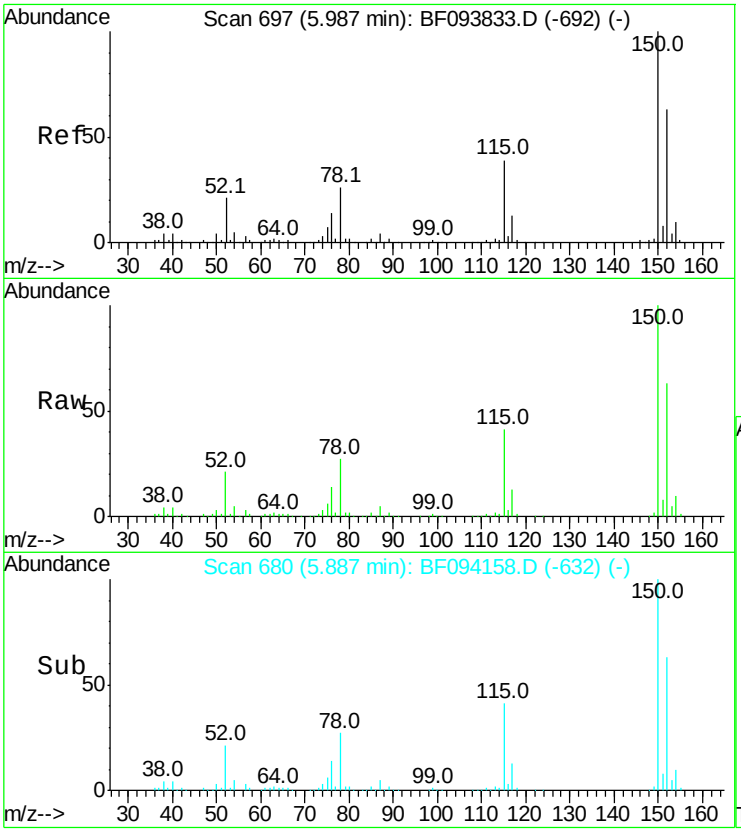


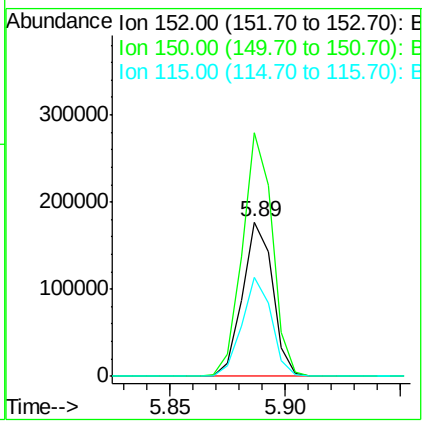


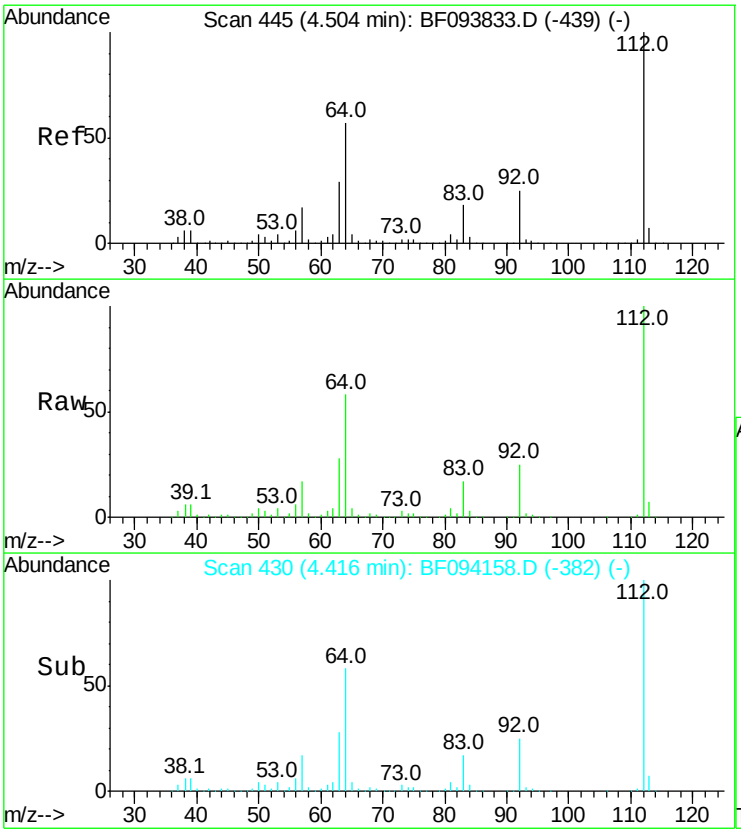
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 162428

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	64.2	52.2	78.2

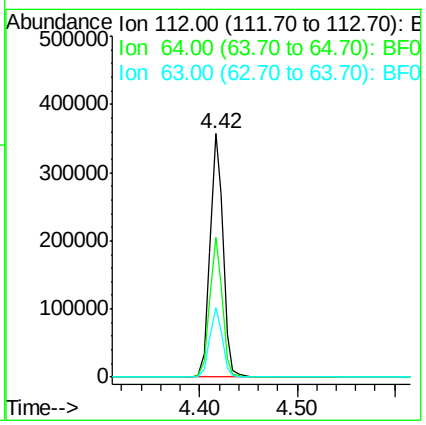


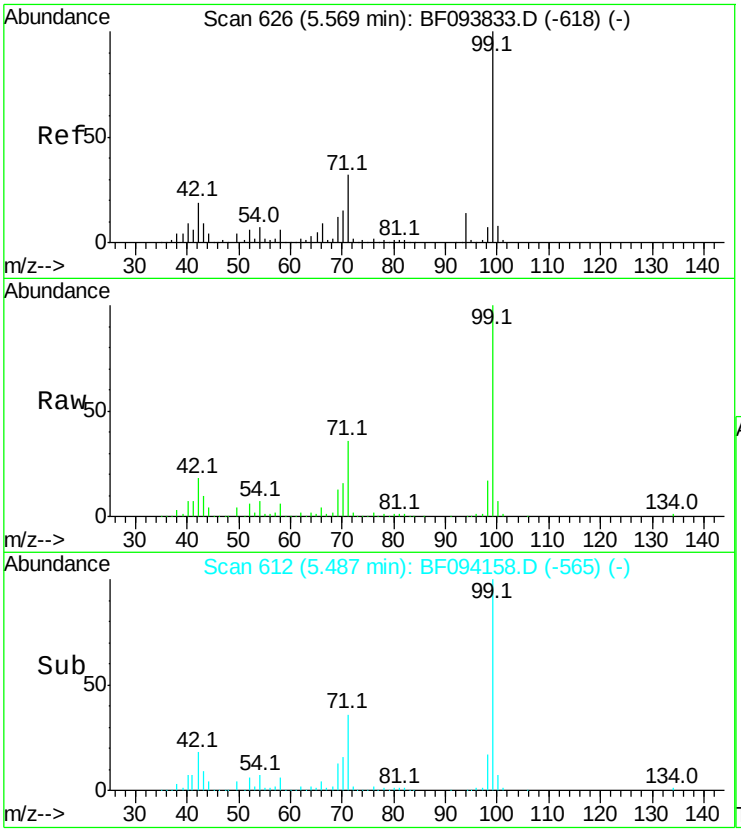


#5
2-Fluorophenol
Concen: 34.19 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:112 Resp: 328751

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	28.5	23.4	35.0



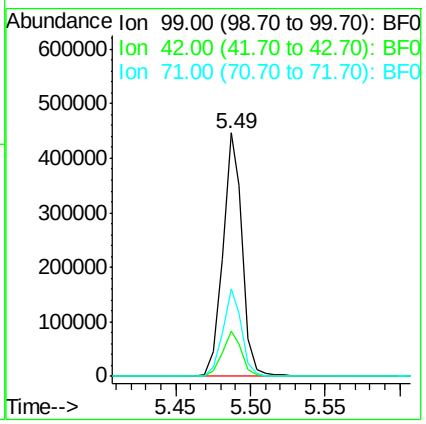


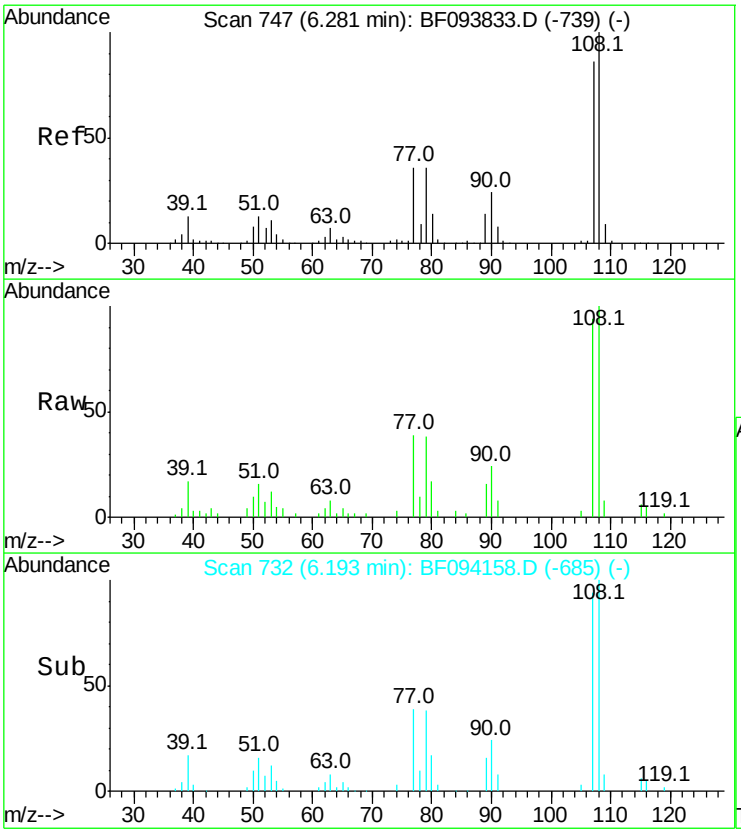
#7
Phenol-d6
Concen: 34.44 ng
RT: 5.49 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 409679

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	35.7	24.5	36.7

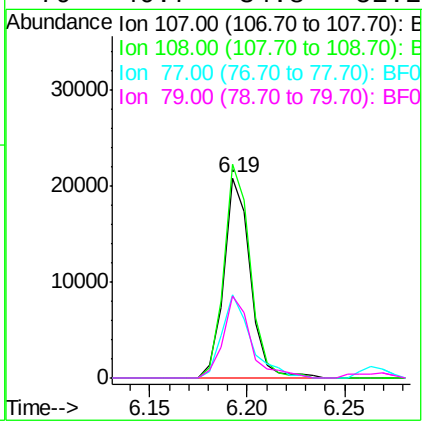


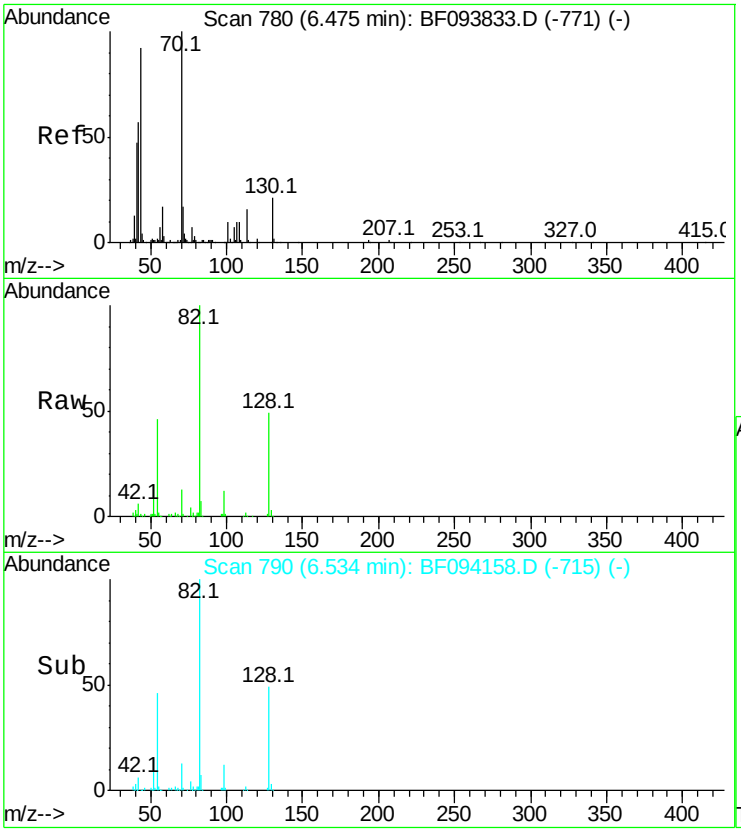


#17
2-Methylphenol
Concen: 2.17 ng
RT: 6.19 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:107 Resp: 19602

Ion	Ratio	Lower	Upper
107	100		
108	106.9	93.4	140.0
77	41.7	35.8	53.6
79	40.7	34.8	52.2



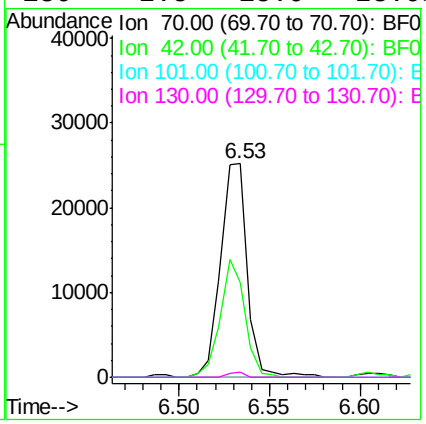


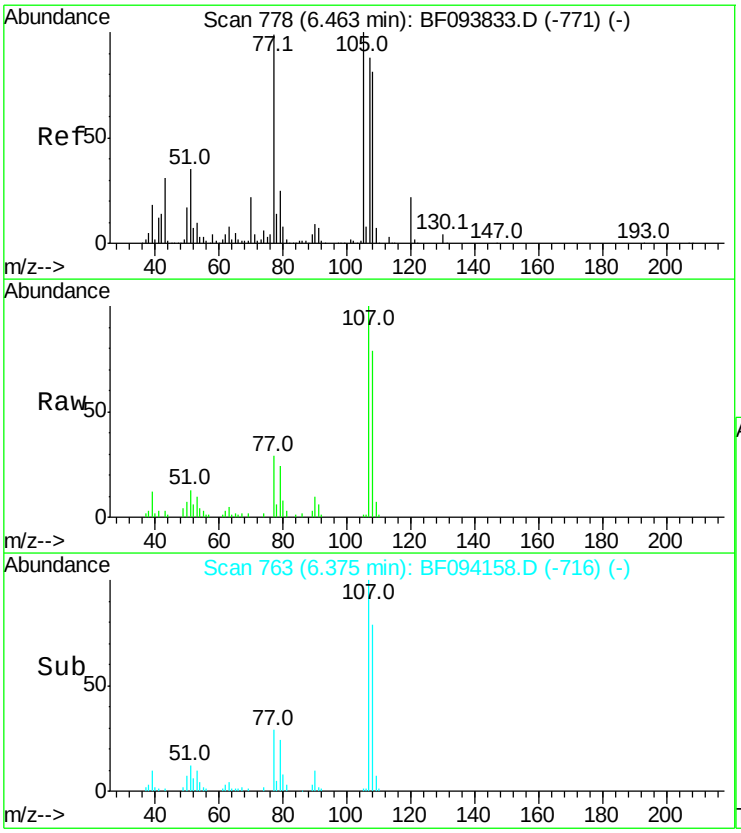
#19
n-Nitroso-di-n-propylamine
Concen: 3.41 ng
RT: 6.53 min Scan# 790
Delta R.T. 0.14 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 26065

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#

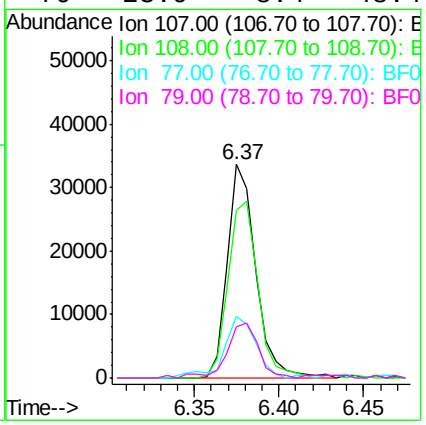


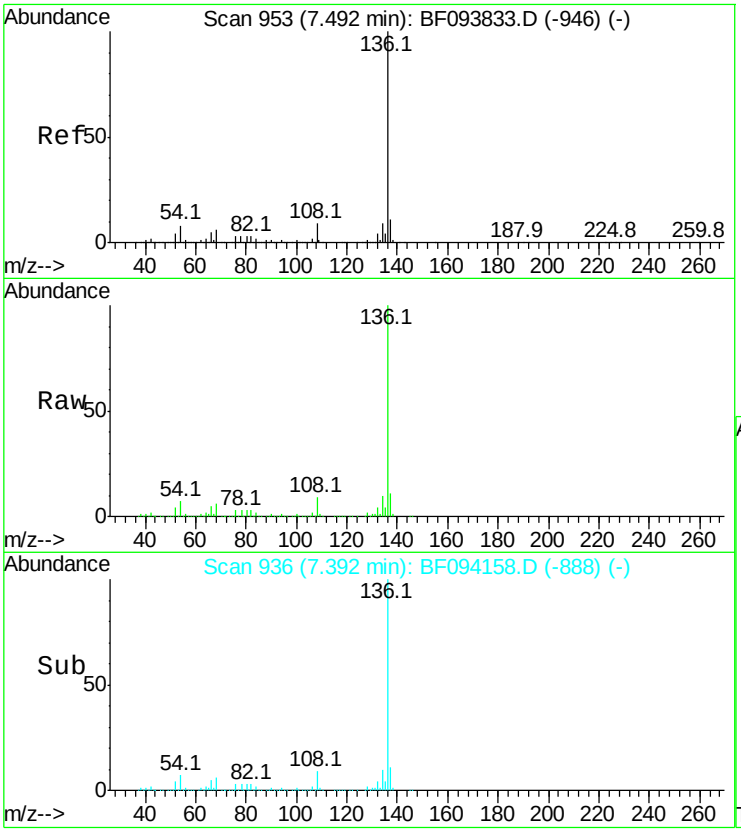


#20
3+4-Methylphenols
Concen: 3.58 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:107 Resp: 39298

Ion	Ratio	Lower	Upper
107	100		
108	78.8	71.0	111.0
77	29.0	90.5	130.5#
79	23.9	8.4	48.4



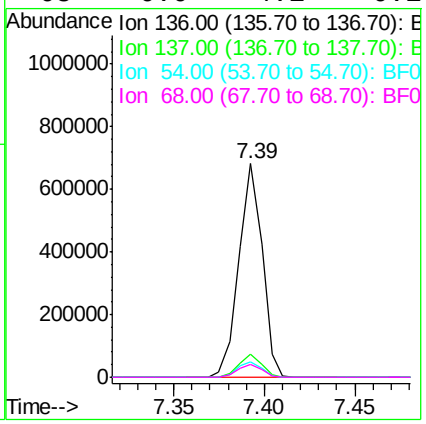


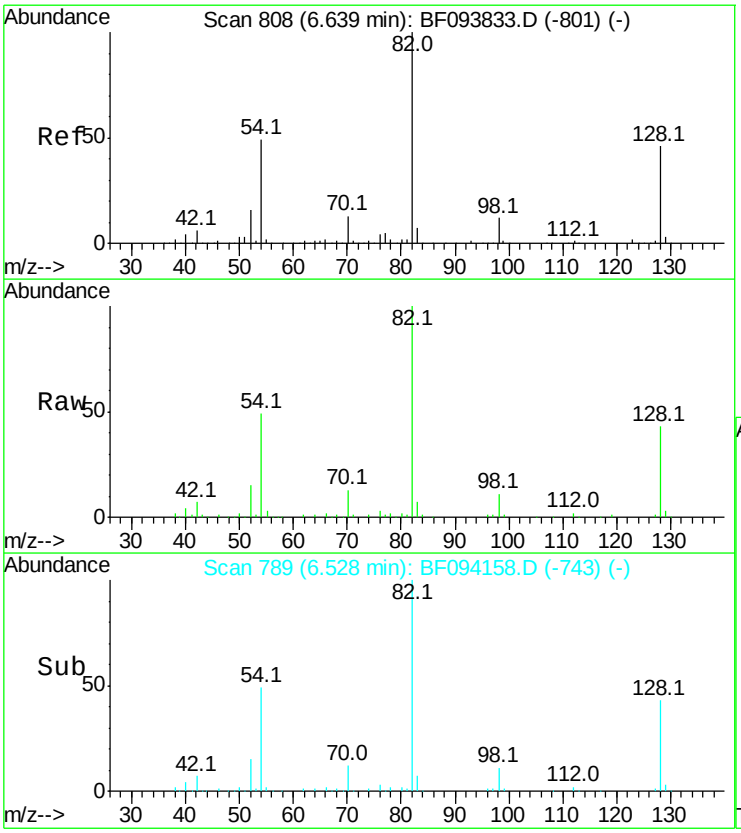
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 614552

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.3	4.9	7.3
68	6.0	4.1	6.1

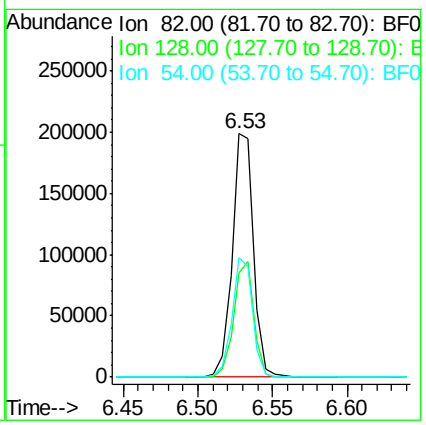


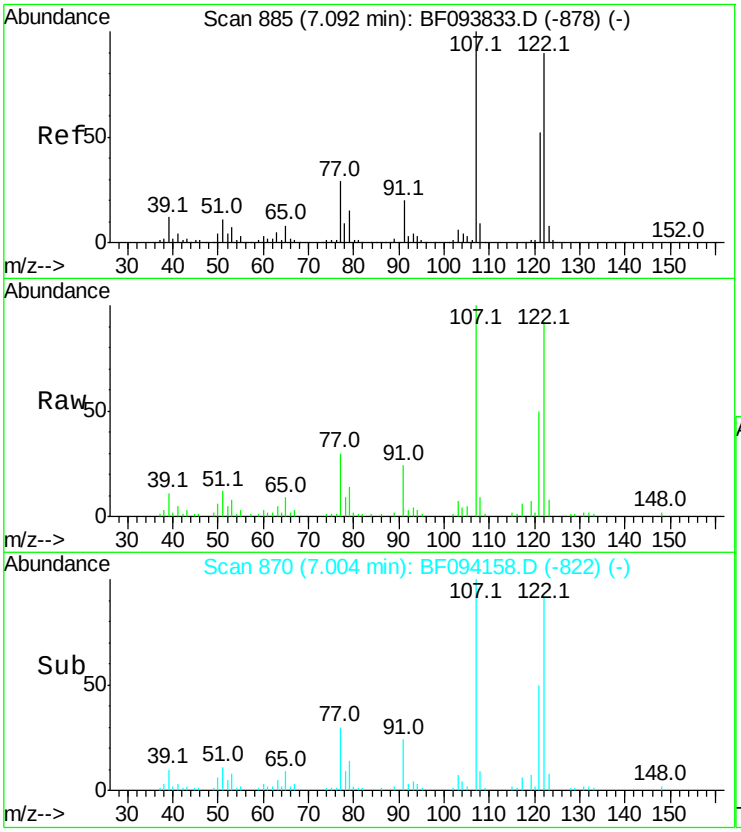


#23
Nitrobenzene-d5
Concen: 18.45 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion: 82 Resp: 198710

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	48.9	42.2	63.2



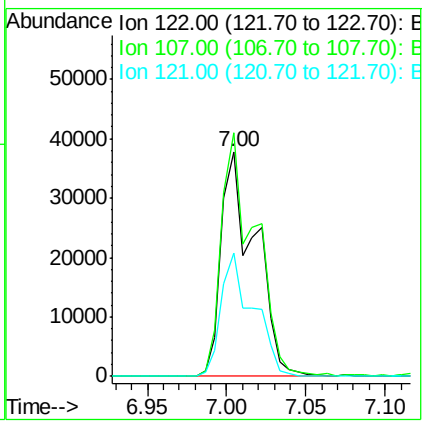


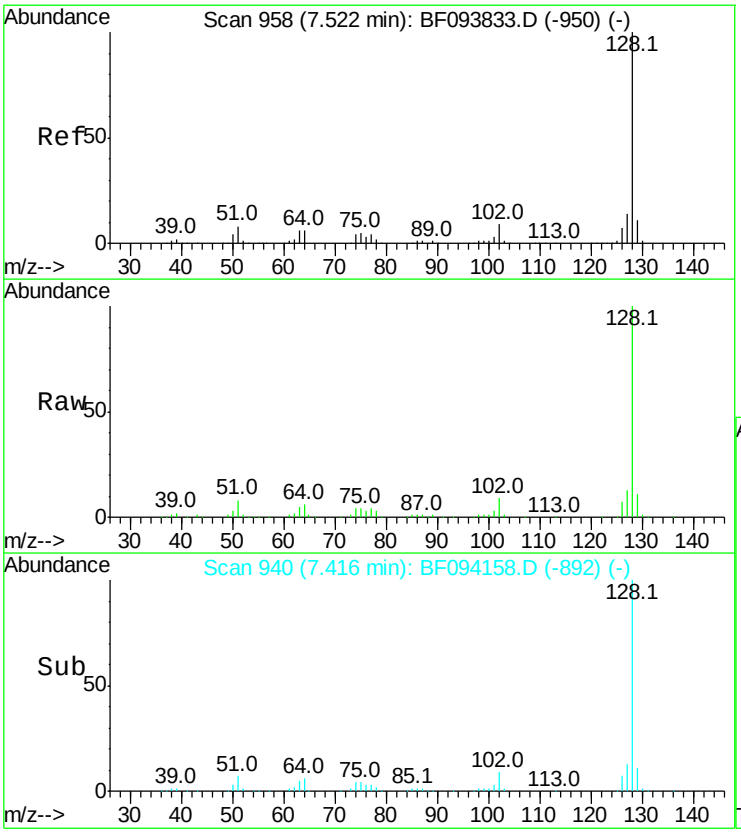
#27
2,4-Dimethylphenol
Concen: 6.42 ng
RT: 7.00 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 56008

Ion	Ratio	Lower	Upper
122	100		
107	108.3	89.2	133.8
121	54.6	45.2	67.8

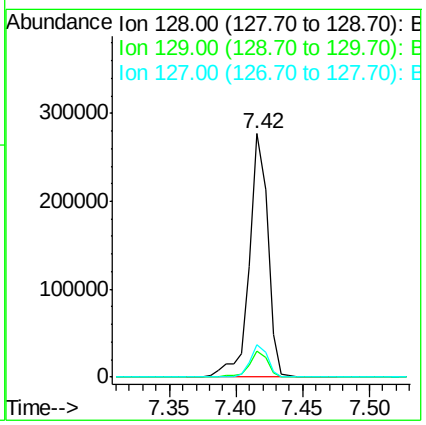


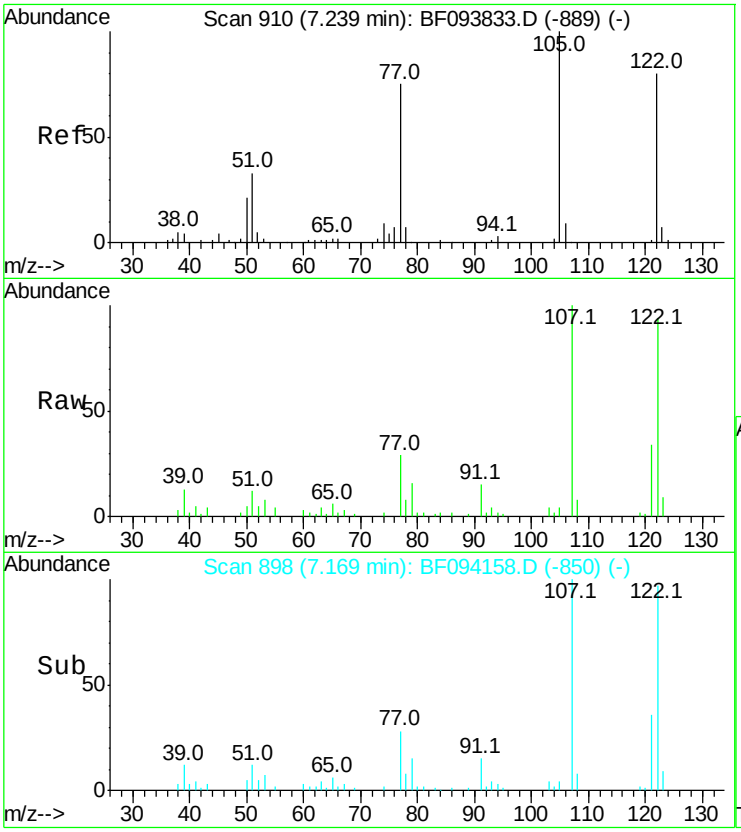


#31
Naphthalene
Concen: 8.87 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:128 Resp: 262088

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.1	10.8	16.2



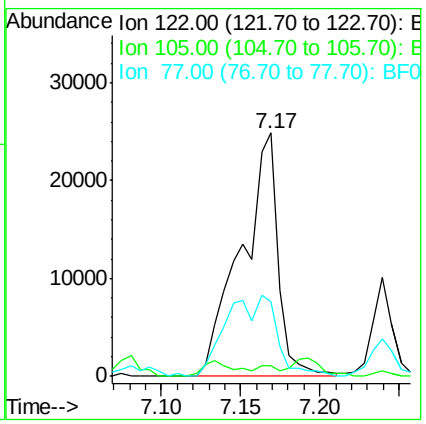


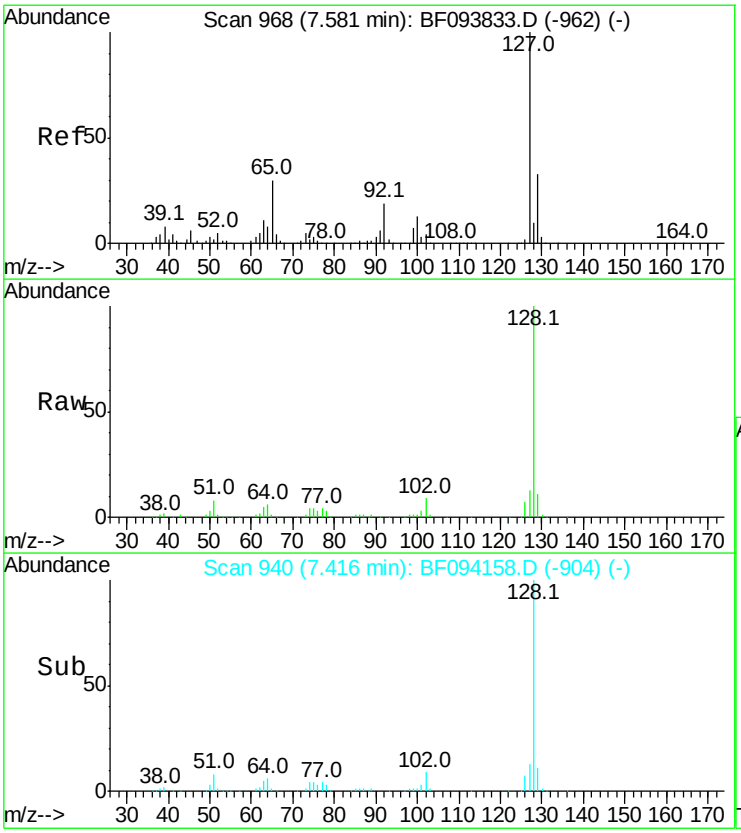
#32
Benzoic acid
Concen: 6.95 ng
RT: 7.17 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 40373

Ion	Ratio	Lower	Upper
122	100		
105	4.2	103.3	143.3#
77	30.8	73.7	113.7#

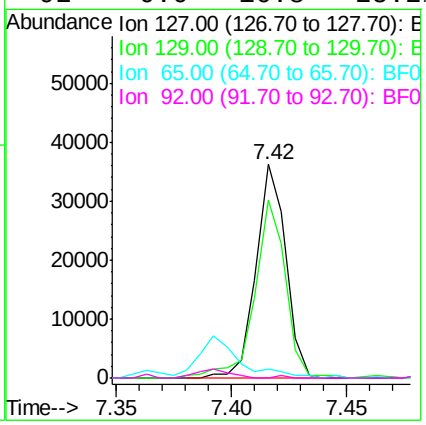


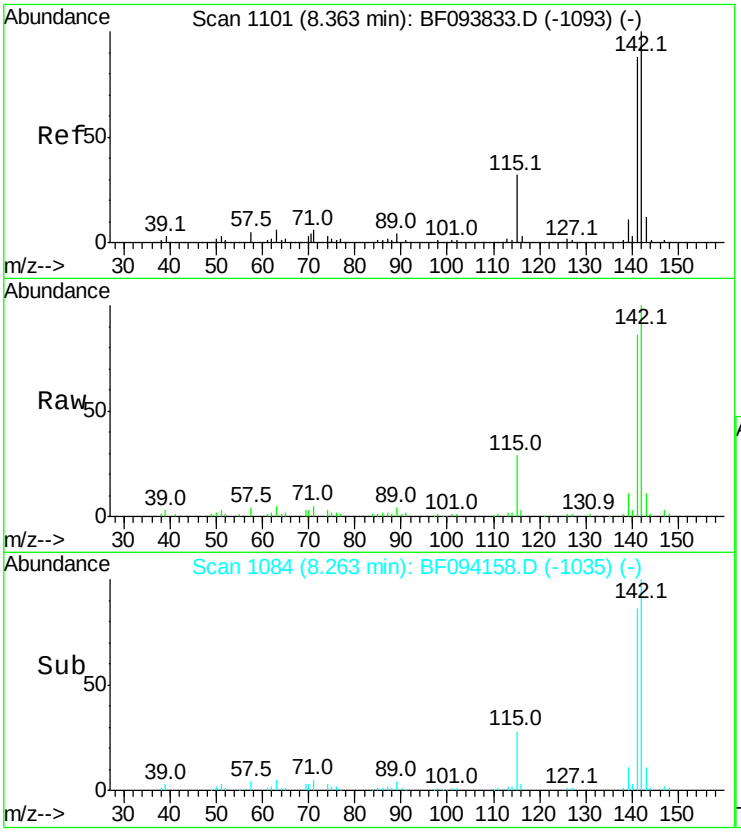


#33
4-Chloroaniline
Concen: 2.72 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.09 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:127 Resp: 32616

Ion	Ratio	Lower	Upper
127	100		
129	83.1	26.2	39.2#
65	4.5	27.8	41.8#
92	0.0	16.8	25.2#



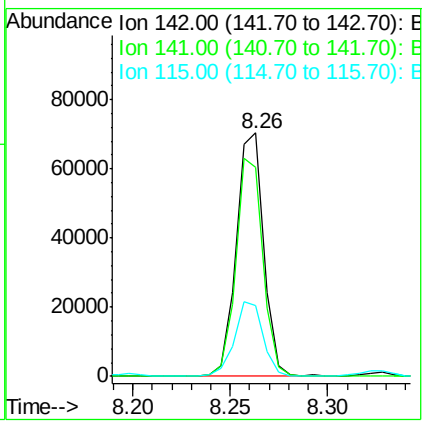


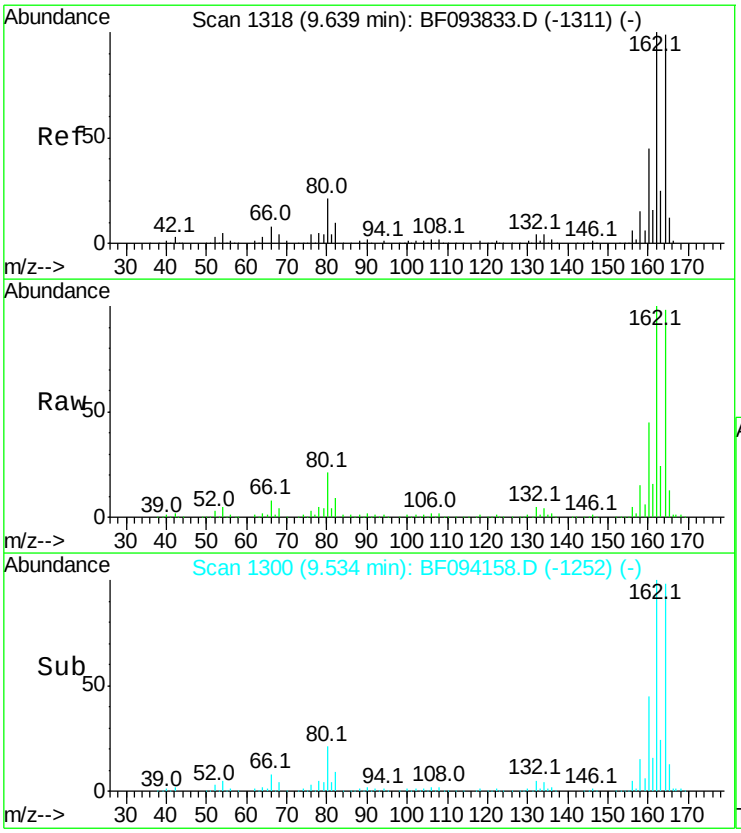
#37
2-Methylnaphthalene
Concen: 3.47 ng
RT: 8.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 68274

Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.3	106.9
115	29.1	27.1	40.7

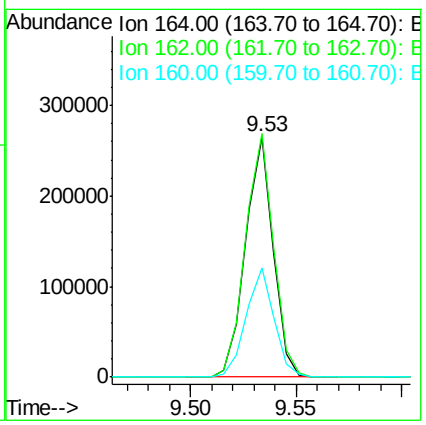


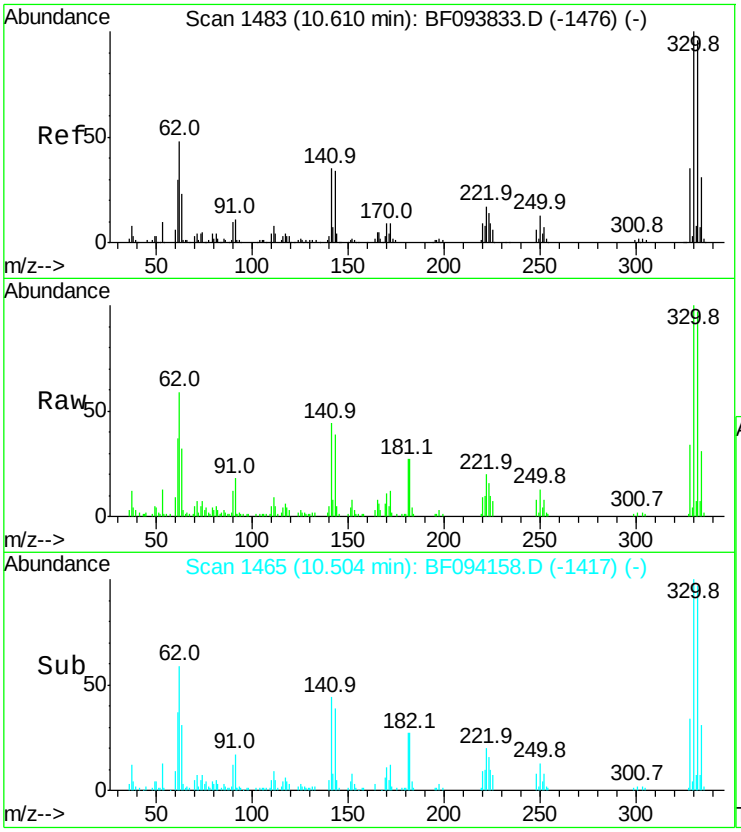


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:164 Resp: 241426

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	45.4	36.2	54.2



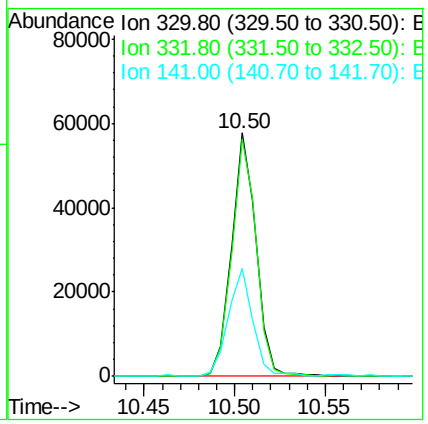


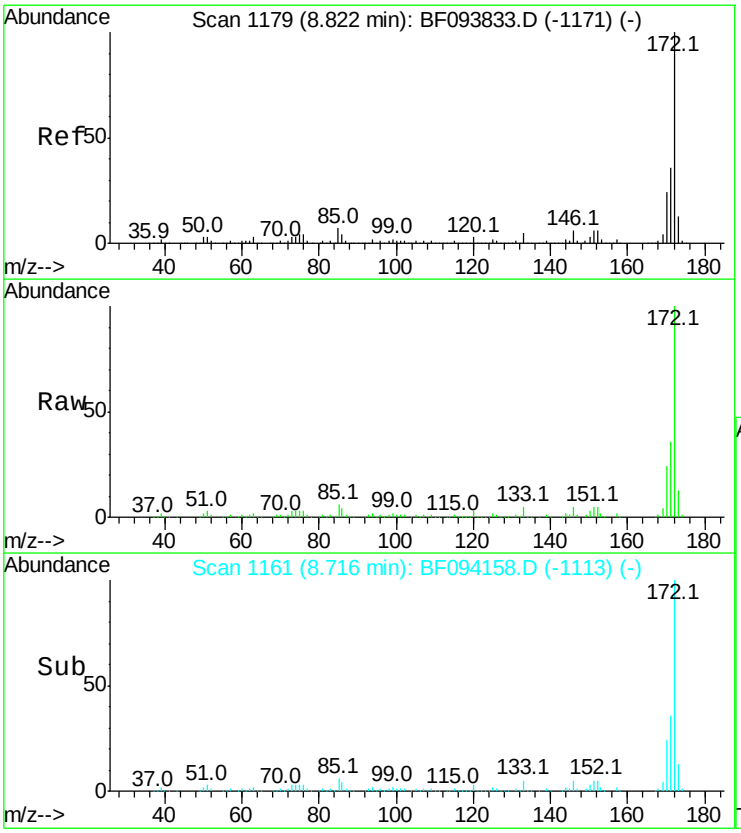
#41
2,4,6-Tribromophenol
Concen: 28.51 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 54391

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	44.4	31.4	47.2

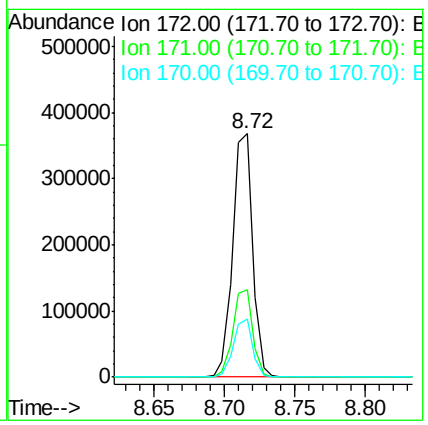


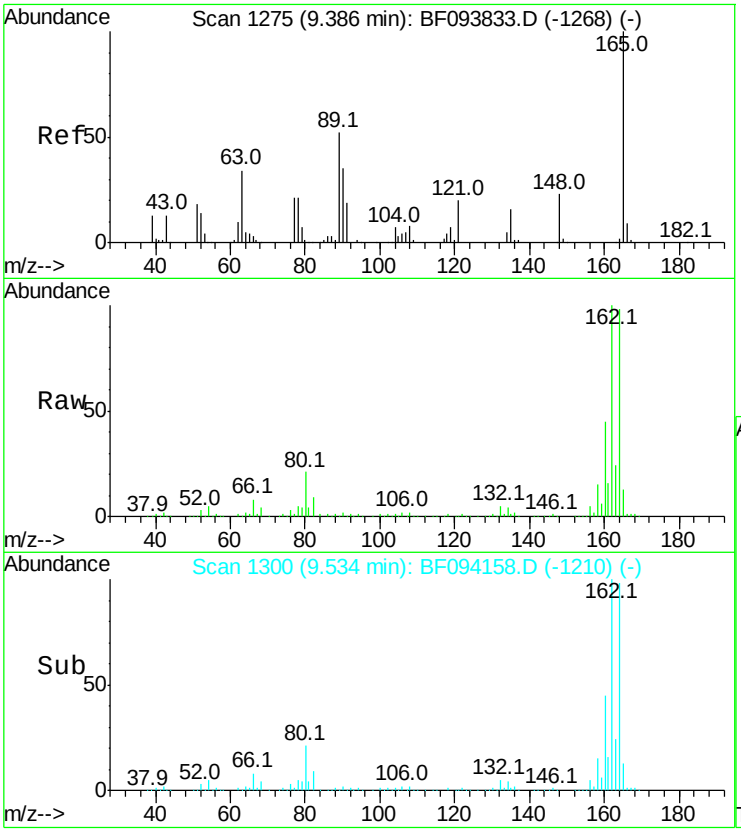


#44
2-Fluorobiphenyl
Concen: 22.95 ng
RT: 8.72 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:172 Resp: 363314

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8



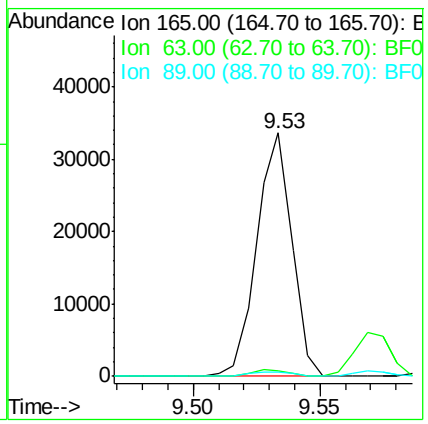


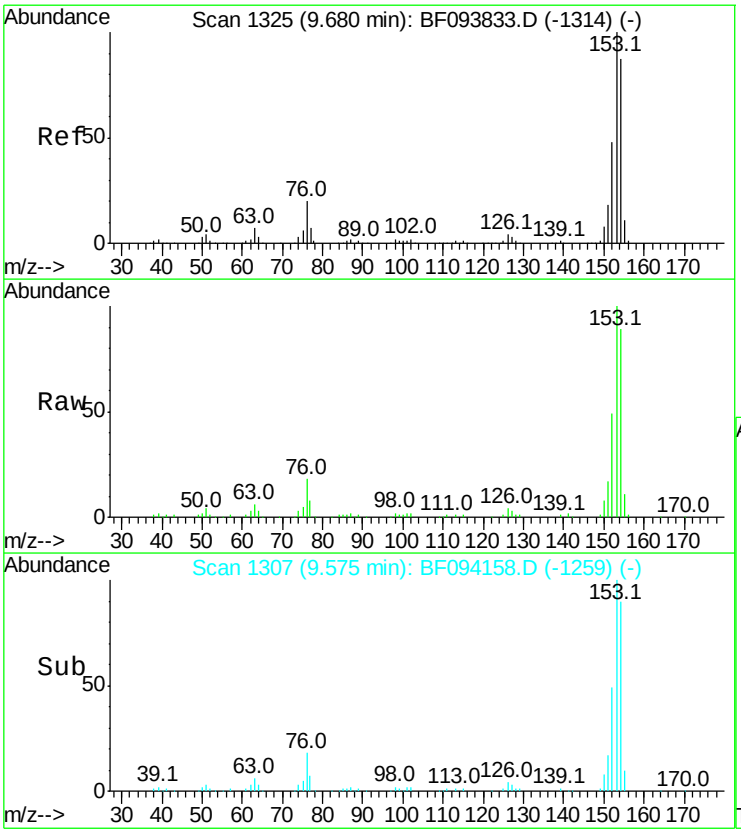
#50
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 9.53 min Scan# 1300
Delta R.T. 0.23 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32448

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	2.0	37.1	55.7#

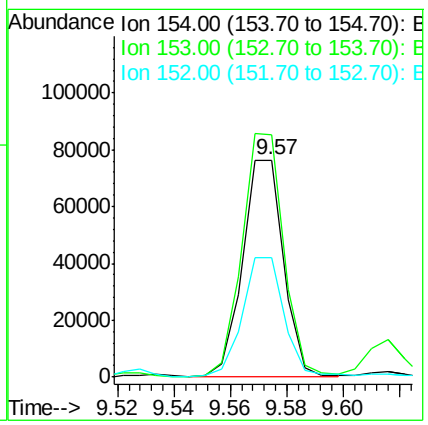


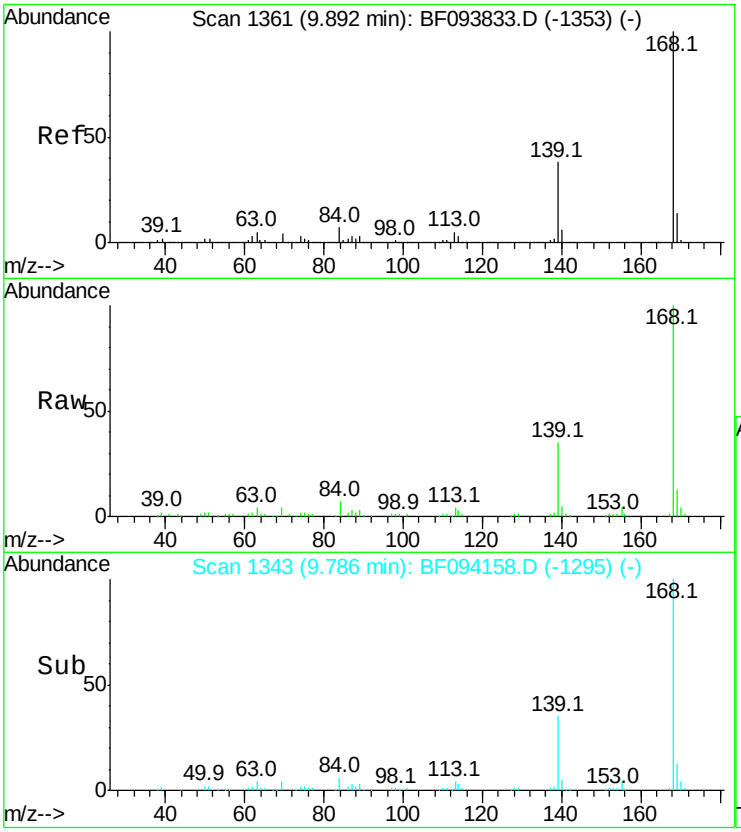


#51
Acenaphthene
Concen: 5.21 ng
RT: 9.57 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:154 Resp: 77084

Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.5	135.7
152	54.8	43.6	65.4



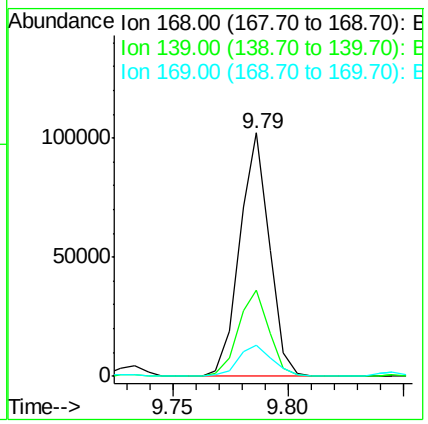


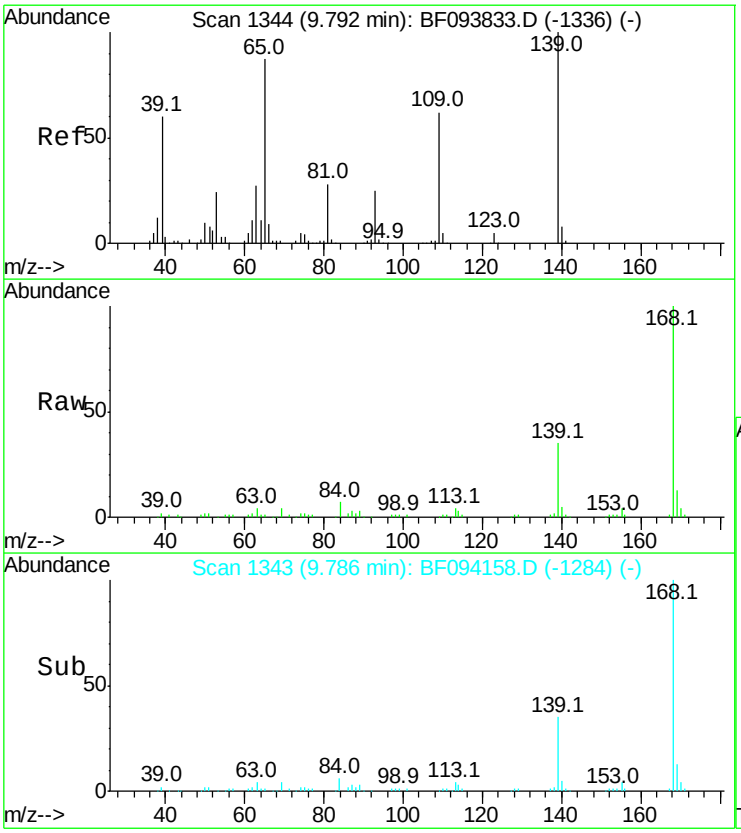
#54
Dibenzofuran
Concen: 4.54 ng
RT: 9.79 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 91310

Ion	Ratio	Lower	Upper
168	100		
139	35.2	30.6	45.8
169	12.9	10.8	16.2

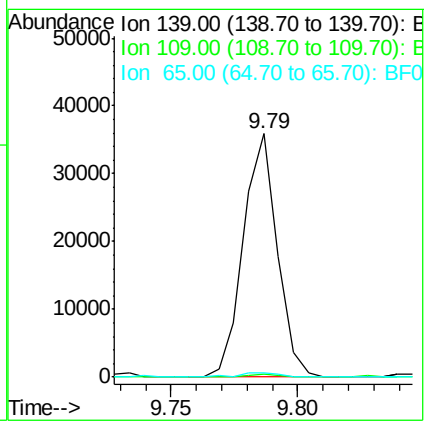


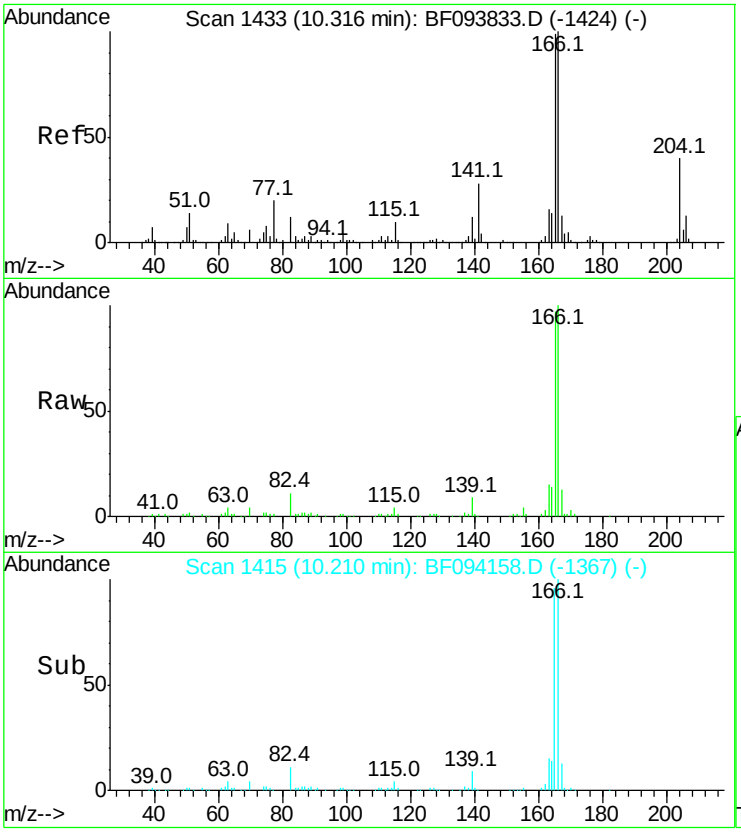


#55
4-Nitrophenol
Concen: 9.22 ng
RT: 9.79 min Scan# 1343
Delta R.T. 0.05 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:139 Resp: 33364

Ion	Ratio	Lower	Upper
139	100		
109	1.3	34.1	74.1#
65	2.0	31.4	71.4#



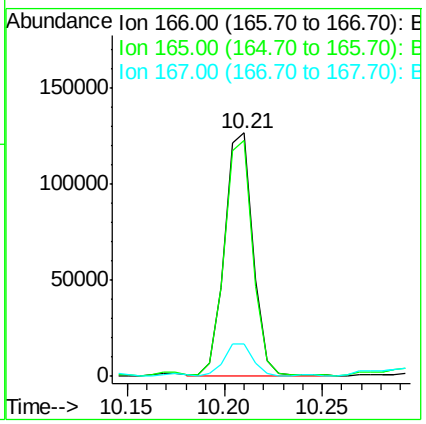


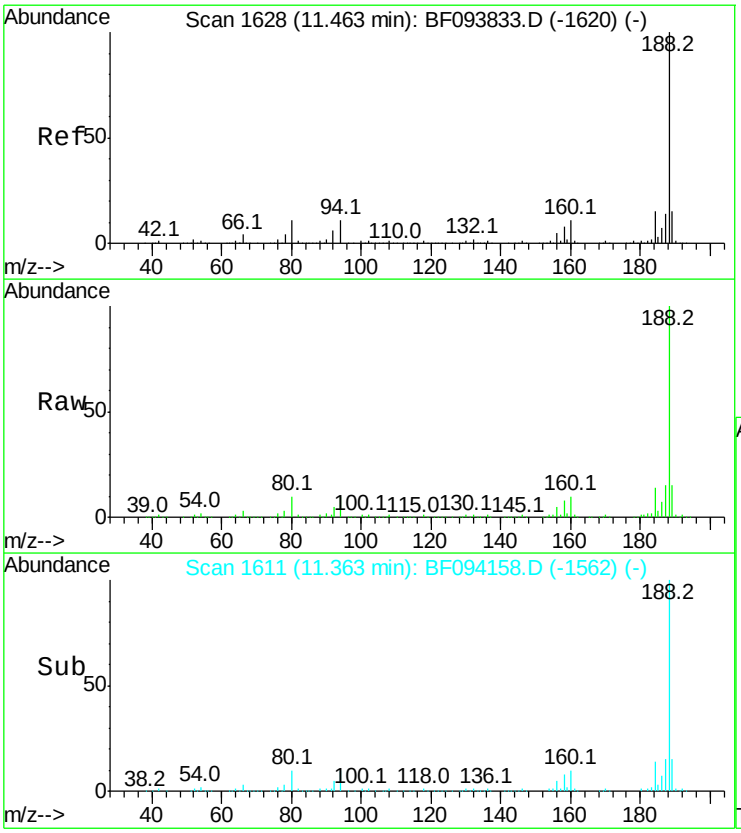
#57
Fluorene
Concen: 7.70 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 128516

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.8	118.2
167	13.2	10.6	16.0

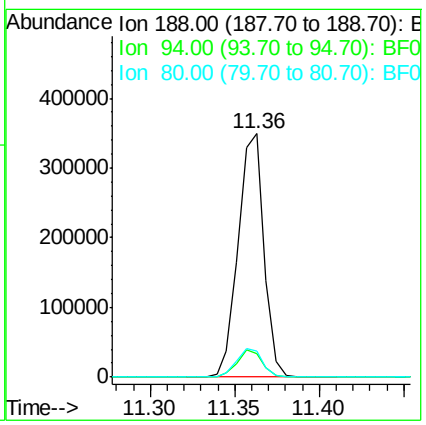


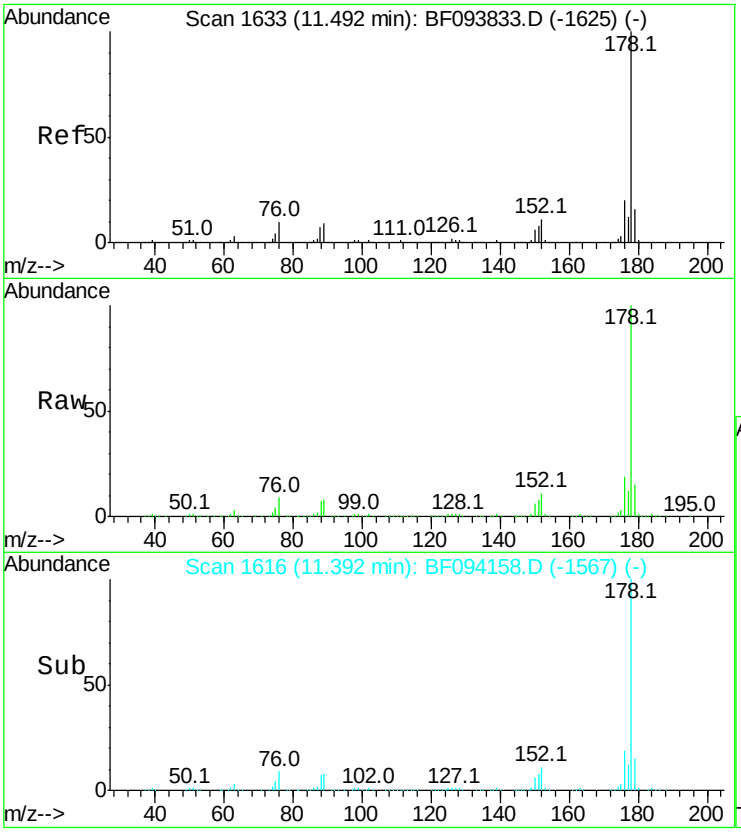


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:188 Resp: 370258

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.5	10.2	15.2



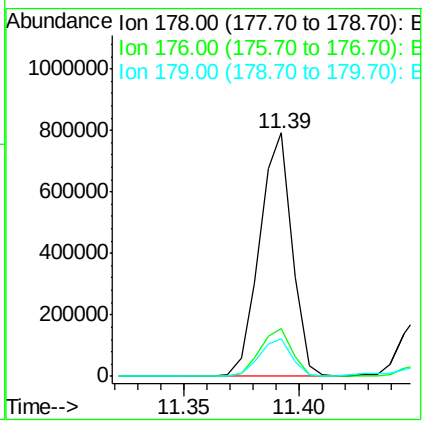


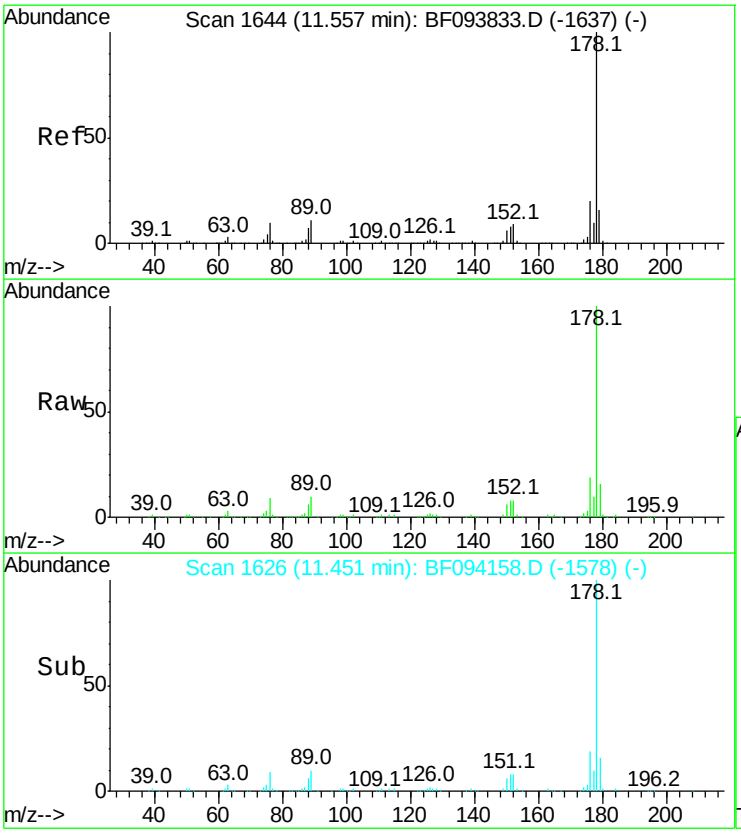
#70
Phenanthrene
Concen: 37.67 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 775925

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0

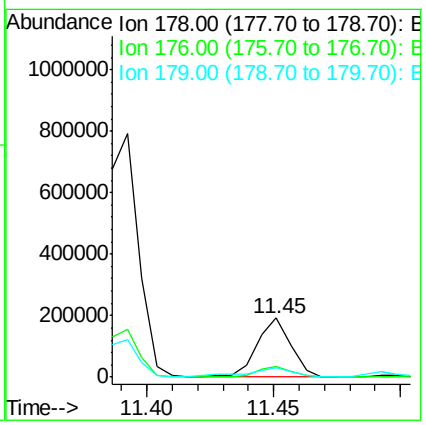


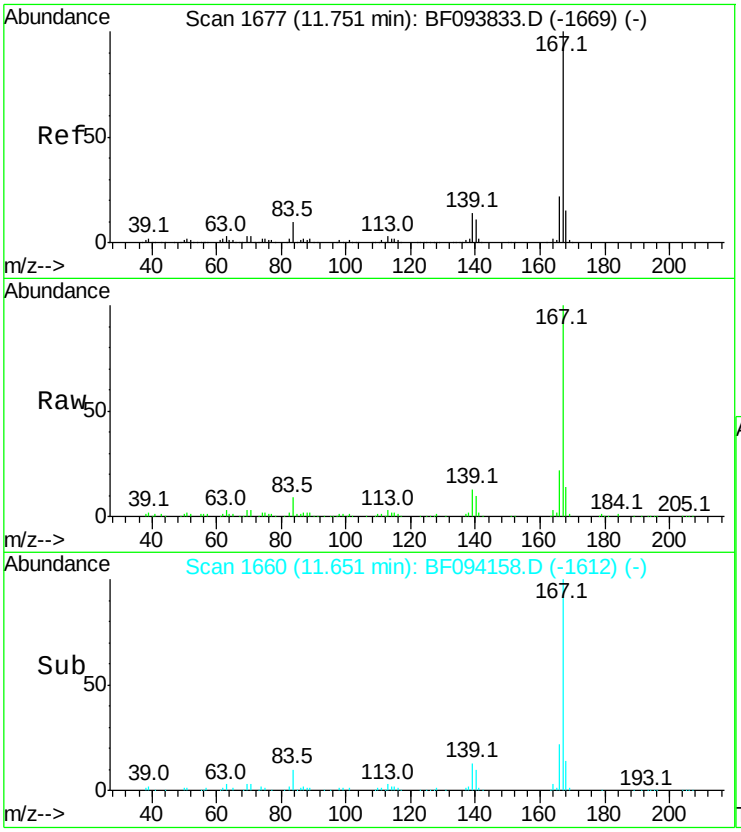


#71
Anthracene
Concen: 8.45 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:178 Resp: 179284

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.9	12.7	19.1



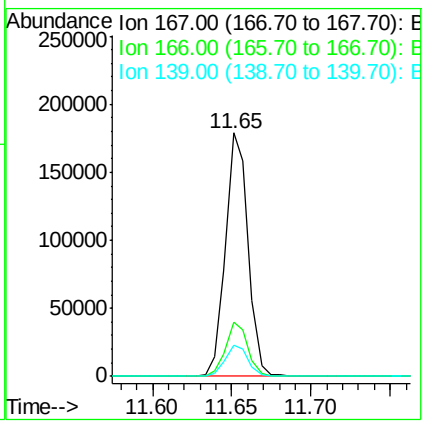


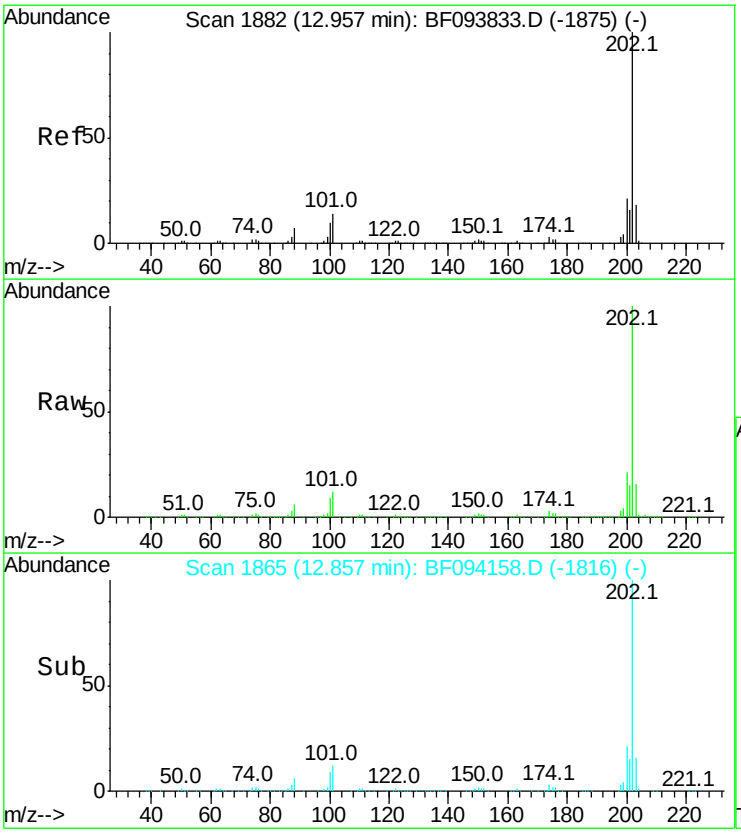
#72
Carbazole
Concen: 8.11 ng
RT: 11.65 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 176265

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.0	11.7	17.5

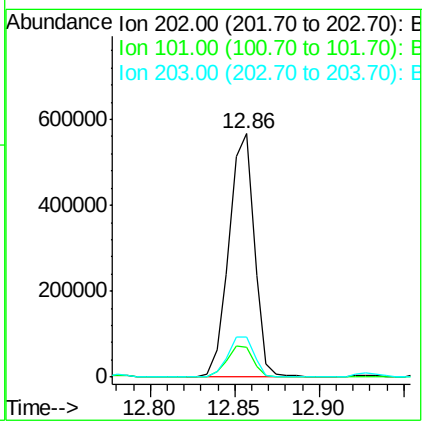


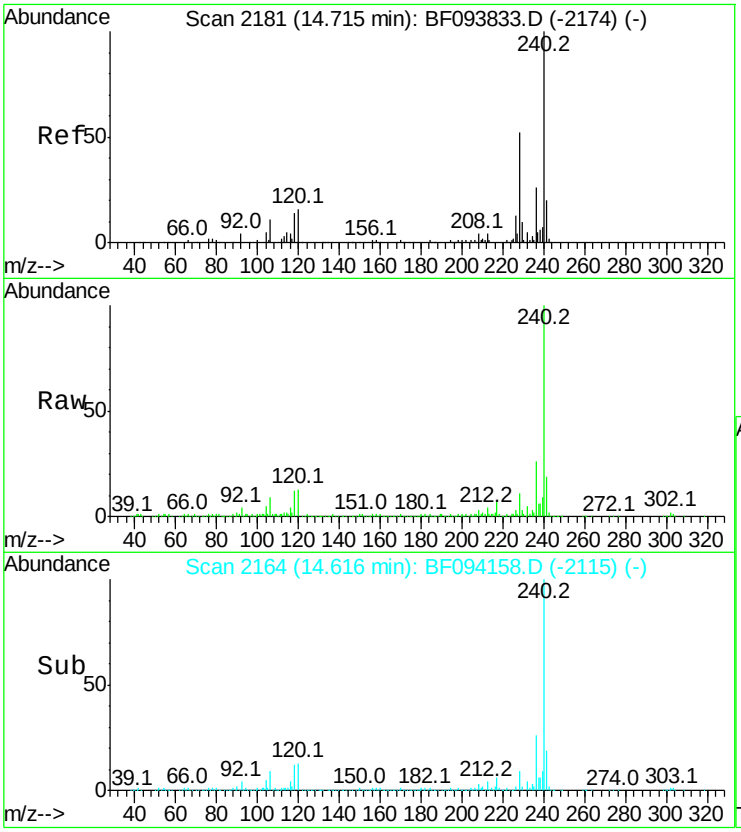


#74
Fluoranthene
Concen: 28.02 ng
RT: 12.86 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:202 Resp: 590976

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	16.5	0.0	38.1



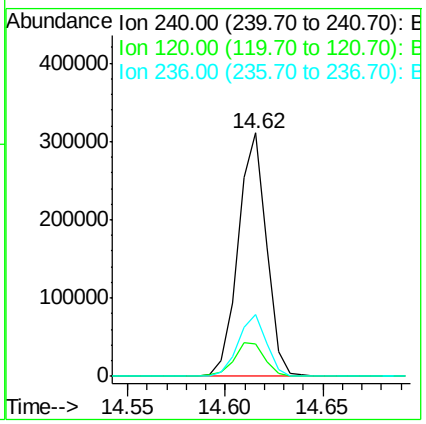


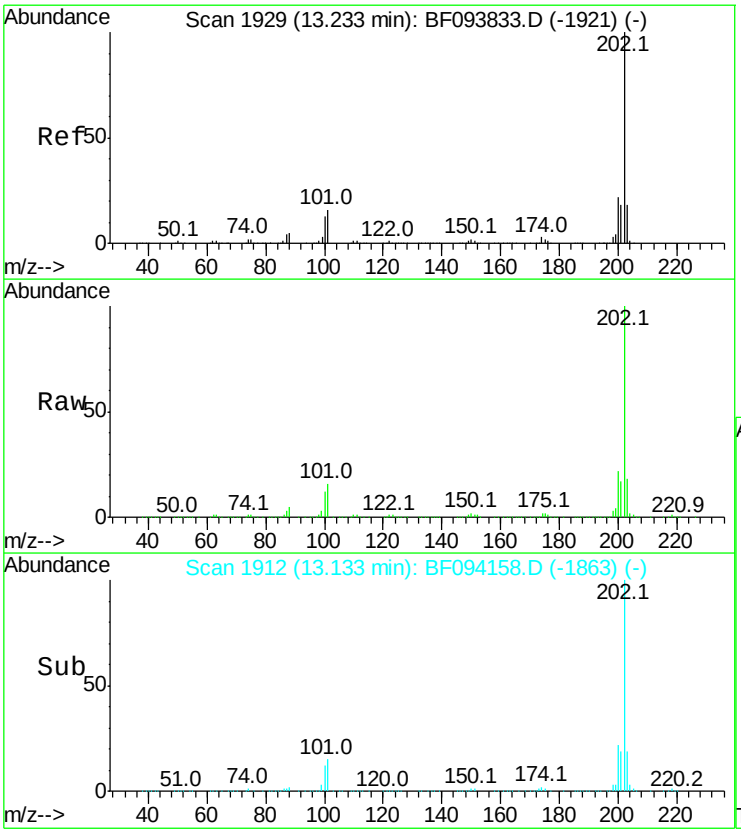
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 311373

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.7	20.5	30.7

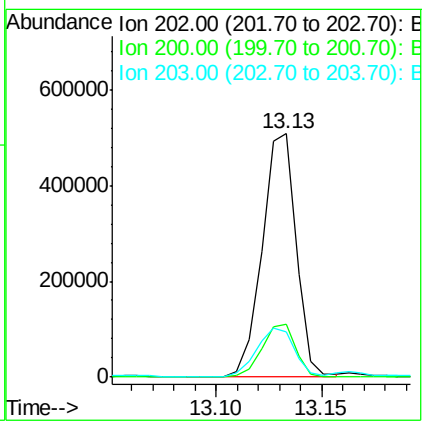


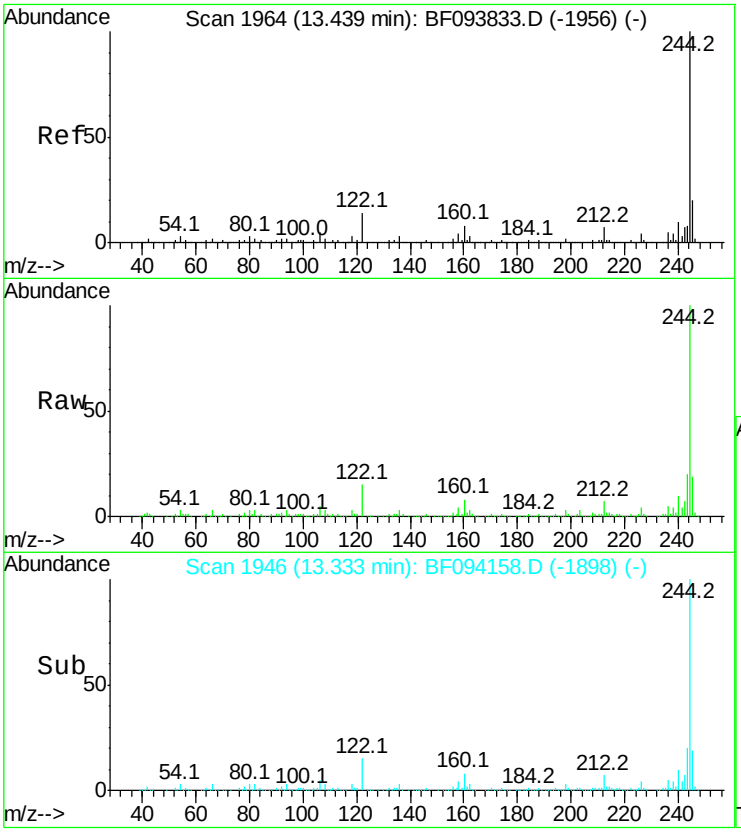


#77
Pyrene
Concen: 25.10 ng
RT: 13.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:202 Resp: 567176

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.4	14.4	21.6



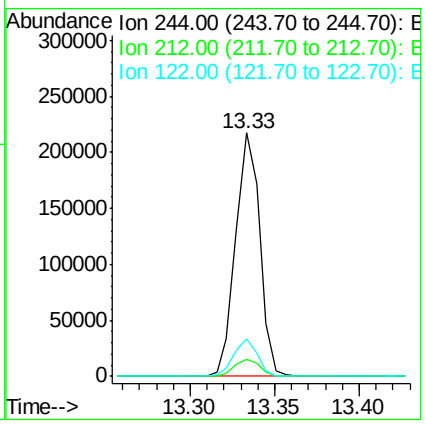


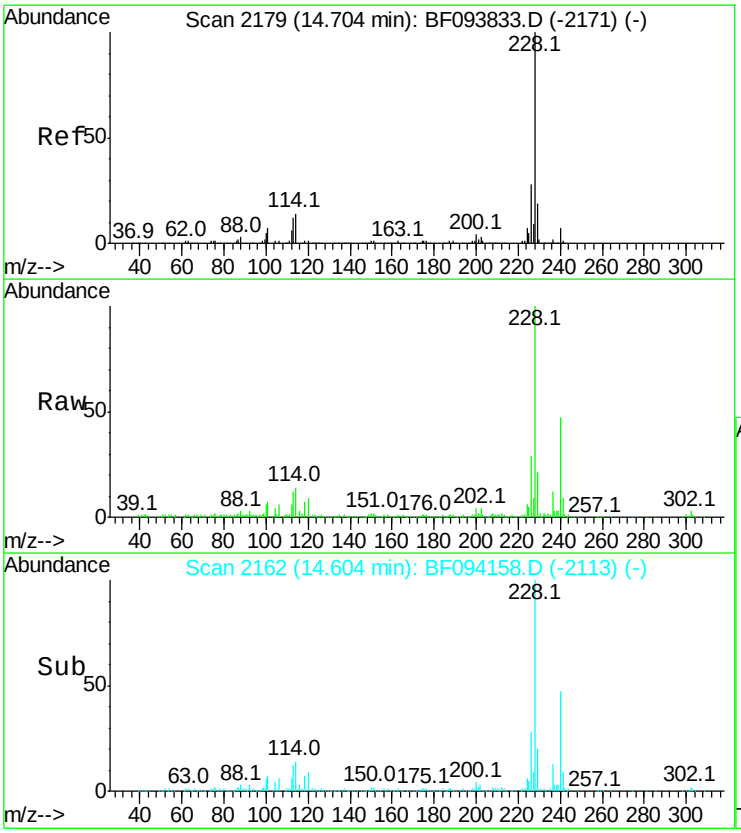
#78
Terphenyl-d14
Concen: 15.58 ng
RT: 13.33 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 216407

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.3	10.3	15.5

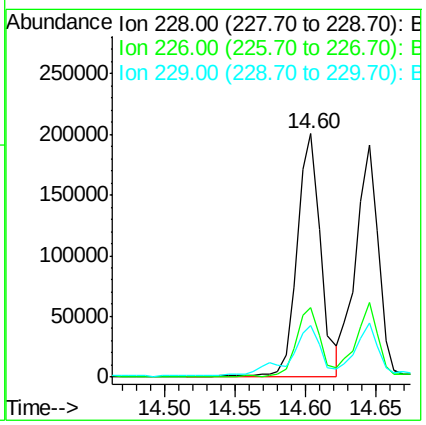


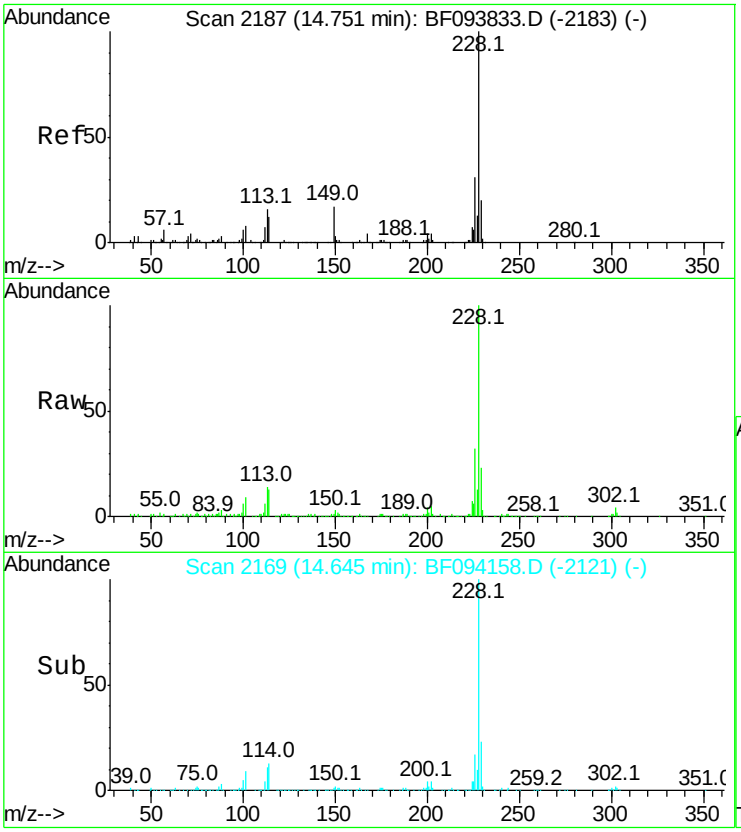


#80
Benzo(a)anthracene
Concen: 12.79 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:228 Resp: 232177

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.2	16.3	24.5



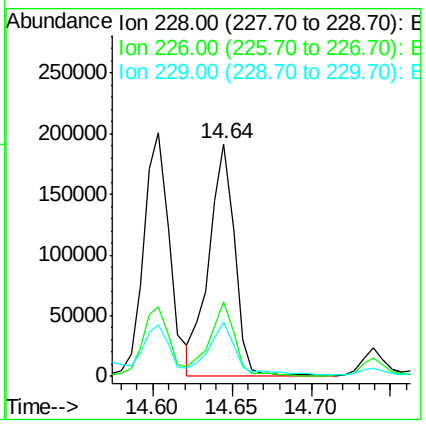


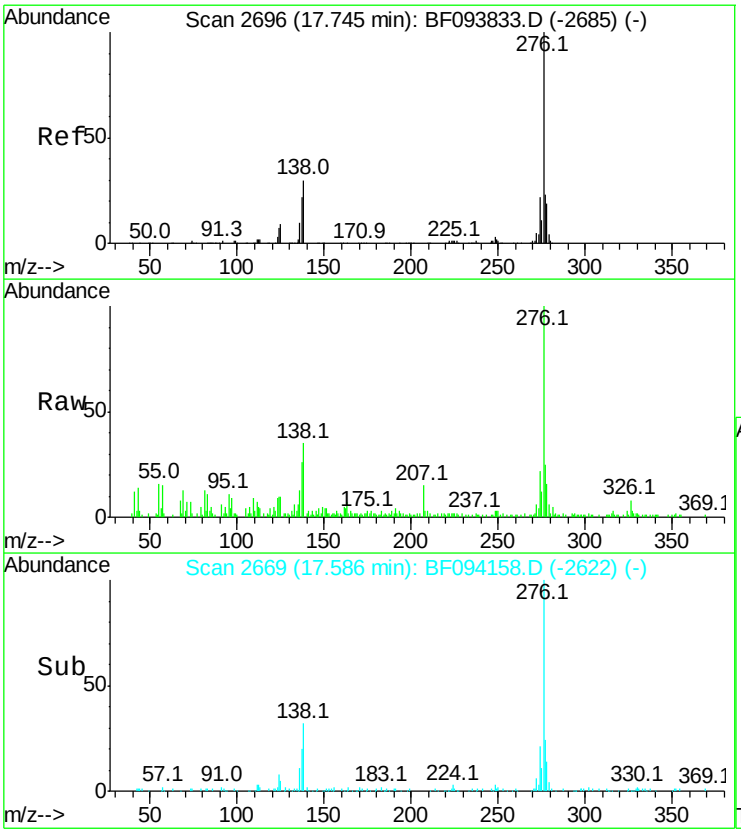
#82
Chrysene
Concen: 12.78 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 215381

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	23.2	15.8	23.6

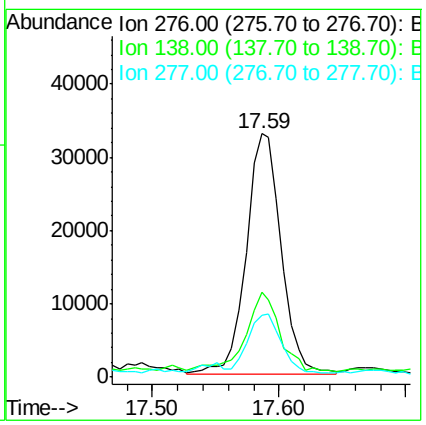


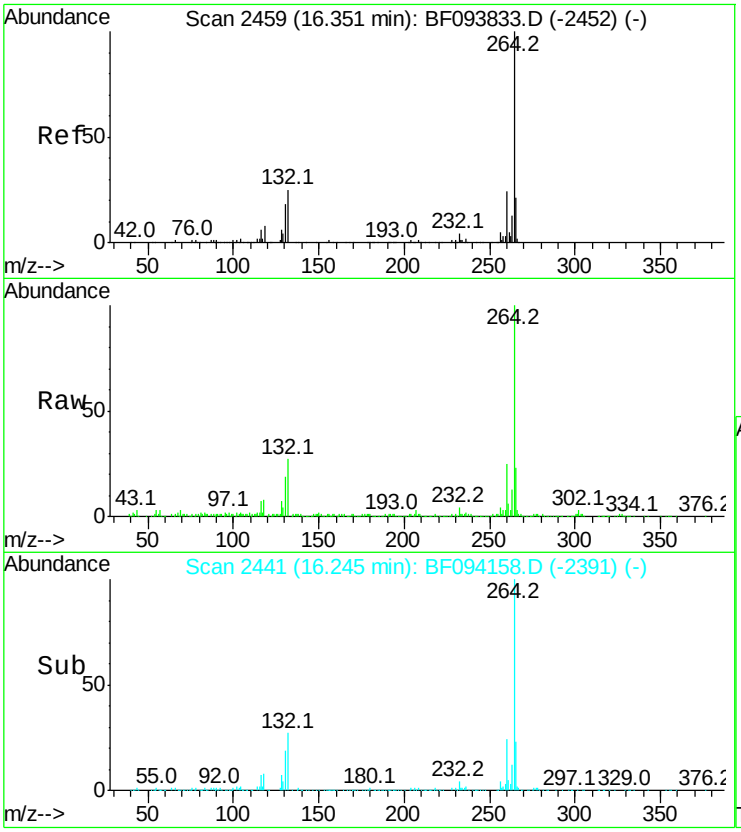


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.30 ng
RT: 17.59 min Scan# 2669
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:276 Resp: 62806

Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.8	41.6
277	24.7	20.2	30.4



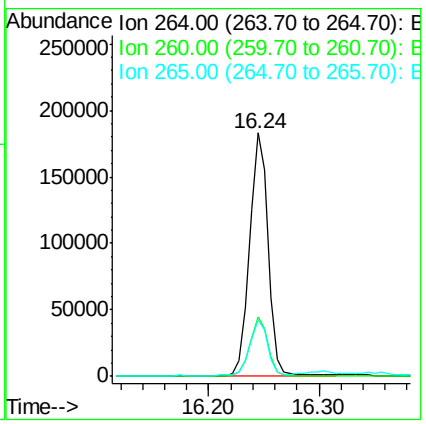


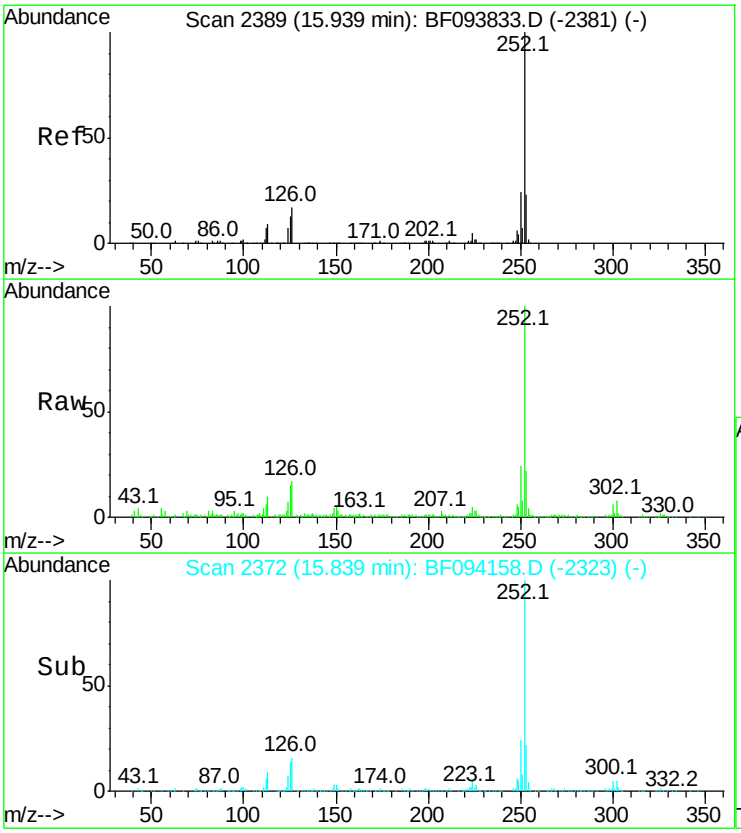
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 218374

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.3	17.2	25.8

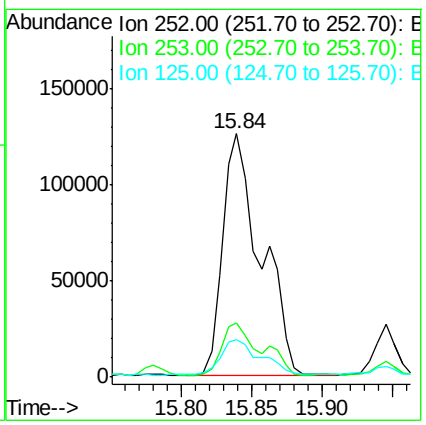


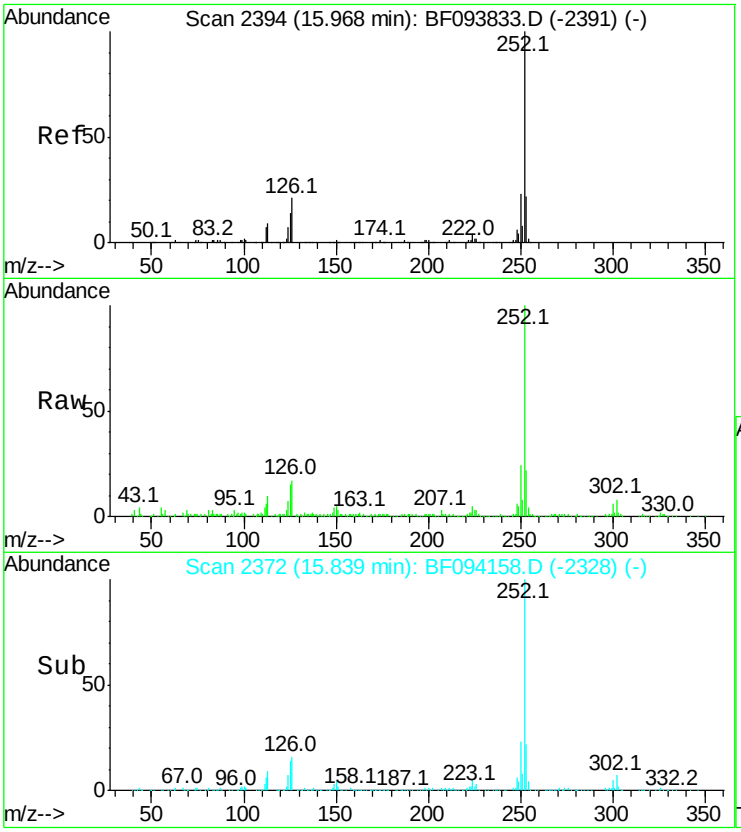


#87
Benzo(b)fluoranthene
Concen: 17.86 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:252 Resp: 239128

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	15.3	9.8	14.8#



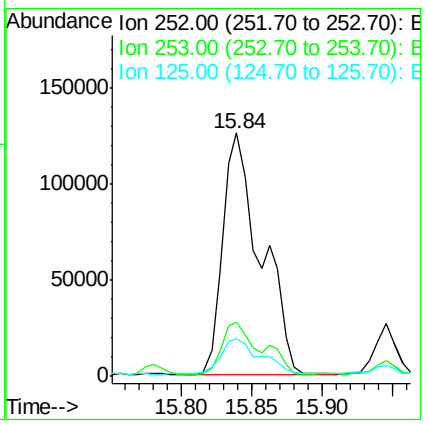


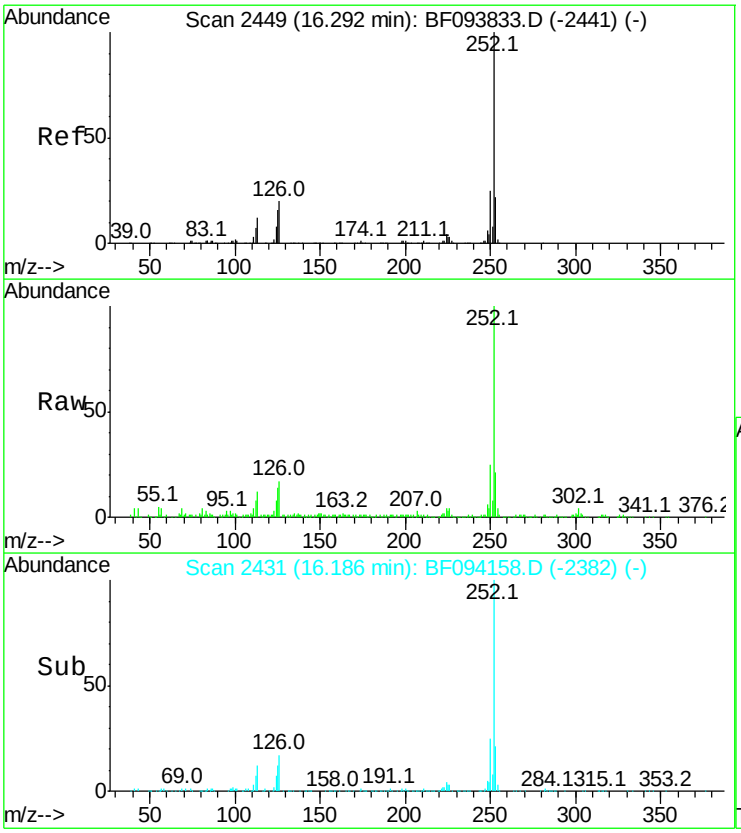
#88
Benzo(k)fluoranthene
Concen: 18.26 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.04 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 239128

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	15.3	13.1	19.7

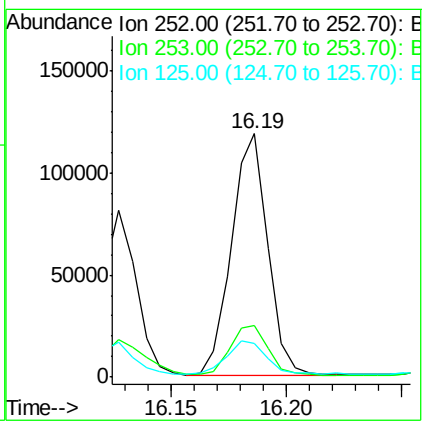


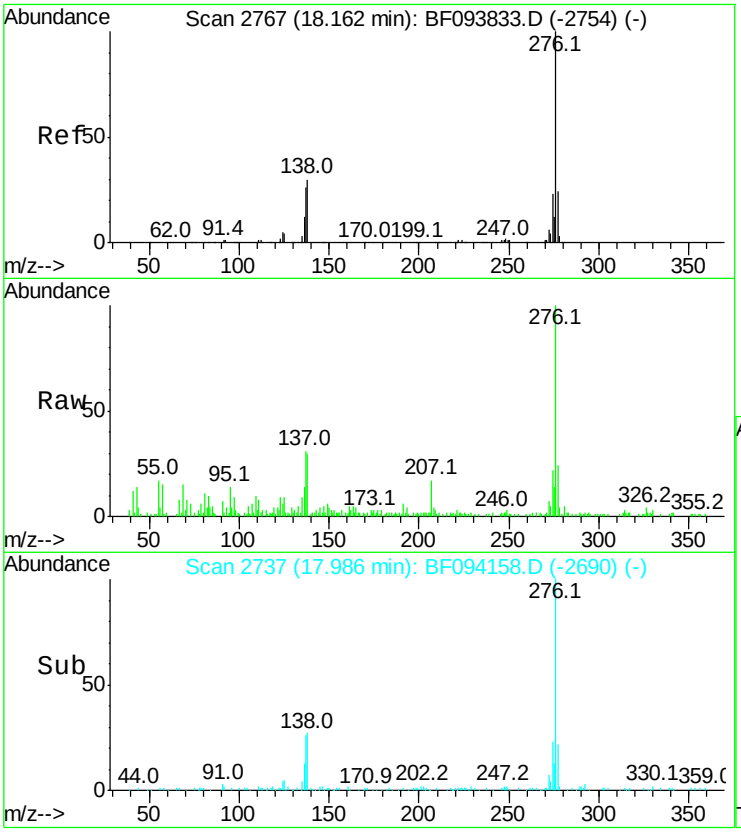


#89
Benzo(a)pyrene
Concen: 10.57 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Tgt Ion:252 Resp: 130302

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	13.7	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.58 ng
RT: 17.99 min Scan# 2737
Delta R.T. -0.02 min
Lab File: BF094158.D
Acq: 4 Apr 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 58687

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	29.6	25.4	38.0