Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094040.D
Acq On : 30 Mar 2017 1:13
Operator : SJ/MA
Sample : I2443-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-BB-CC-8-9-BASE

Quant Time: Mar 30 03:26:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	168833	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	668642	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	295296	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	483372	20.00	ng		-0.03
75) Chrysene-d12	14.64	240	316402	20.00	ng		-0.04
86) Perylene-d12	16.28	264	268218	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1334634	133.52	ng		0.00
7) Phenol-d6	5.53	99	1675513	135.49	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1029647	87.88	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	314578	134.81	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	1544508	79.78	ng		-0.03
78) Terphenyl-d14	13.37	244	970953	68.79	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.57	70	136871	17.22	ng	#	78
49) Dimethylphthalate	9.25	163	109287	5.21	ng		99
51) Acenaphthene	9.60	154	41032	2.27	ng		97
57) Fluorene	10.24	166	48539	2.38	ng		98
70) Phenanthrene	11.42	178	669454	24.90	ng		98
71) Anthracene	11.48	178	201383	7.27	ng		98
74) Fluoranthene	12.89	202	747047	27.13	ng		98
77) Pyrene	13.16	202	784942	34.18	ng		98
80) Benzo(a)anthracene	14.63	228	269078	14.58	ng		98
82) Chrysene	14.67	228	264196	15.43	ng		98
85) Indeno(1,2,3-cd)pyrene	17.64	276	133312	8.99	ng		95
87) Benzo(b)fluoranthene	15.87	252	357131	21.72	ng	#	96
88) Benzo(k)fluoranthene	15.87	252	357131	22.20	ng		99
89) Benzo(a)pyrene	16.22	252	249380	16.47	ng		97
90) Dibenzo(a,h)anthracene	17.65	278	33673	2.63	ng	#	87
91) Benzo(g,h,i)perylene	18.04	276	147538	11.42	ng		96

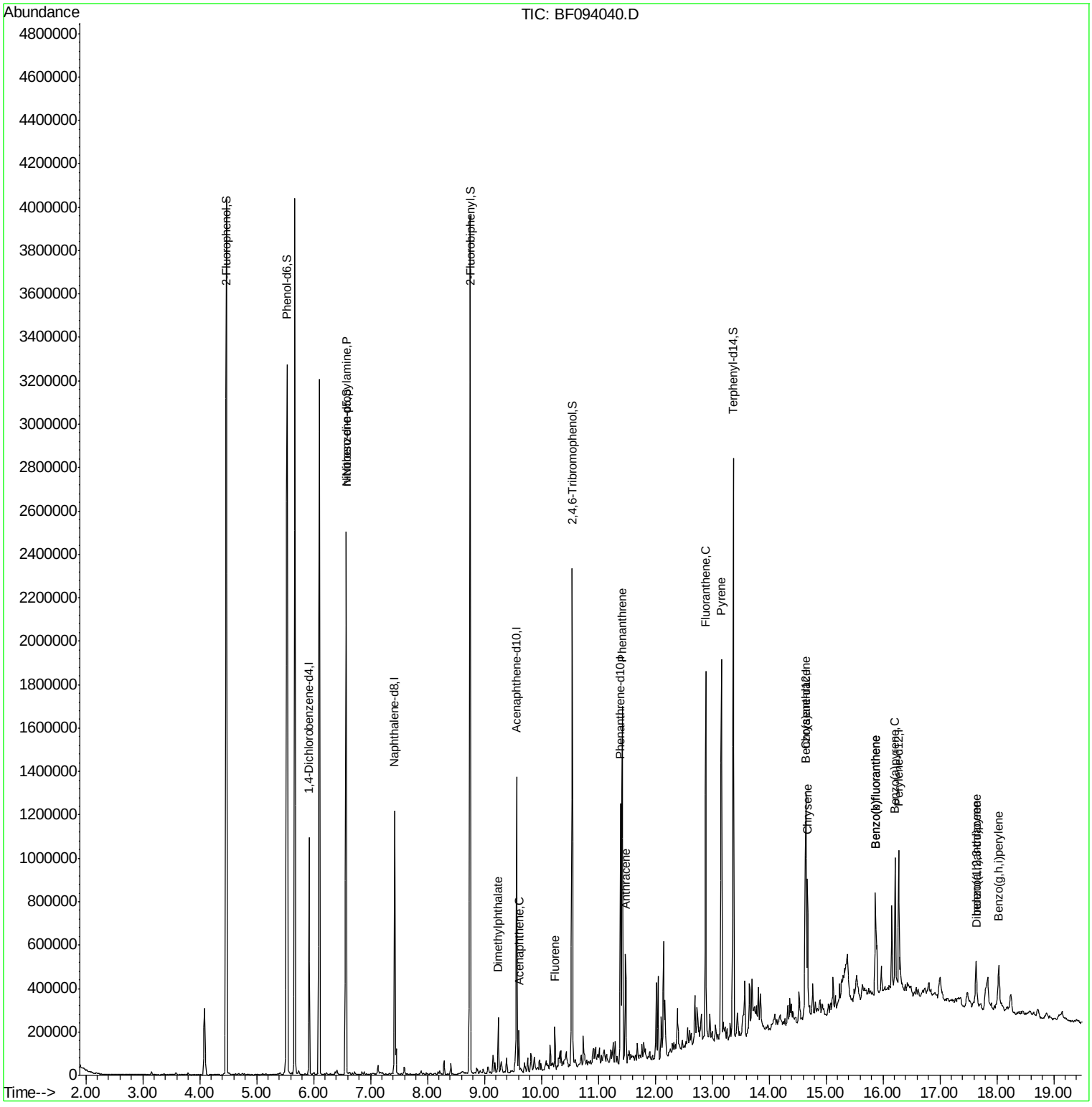
(#) = qualifier out of range (m) = manual integration (+) = signals summed

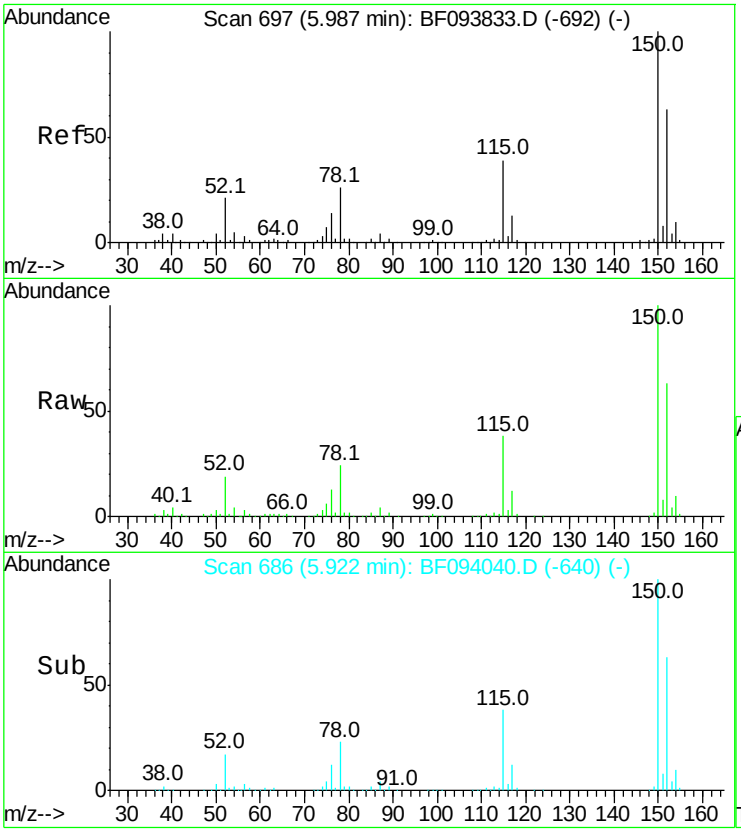
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094040.D
Acq On : 30 Mar 2017 1:13
Operator : SJ/MA
Sample : I2443-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Quant Time: Mar 30 03:26:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration



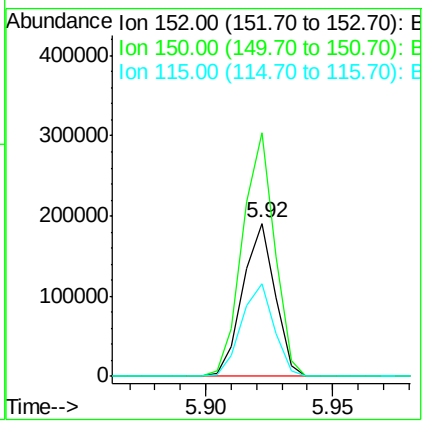


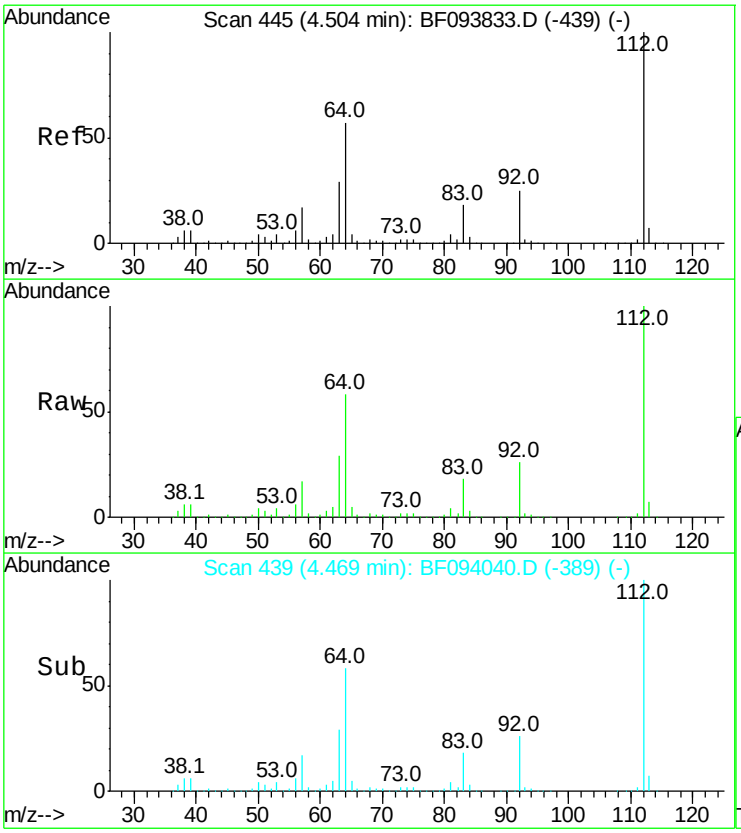
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:152 Resp: 168833

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	60.8	52.2	78.2

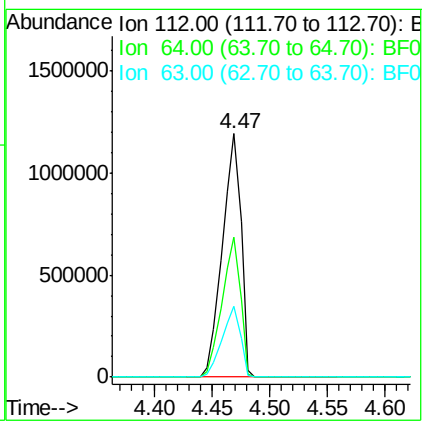


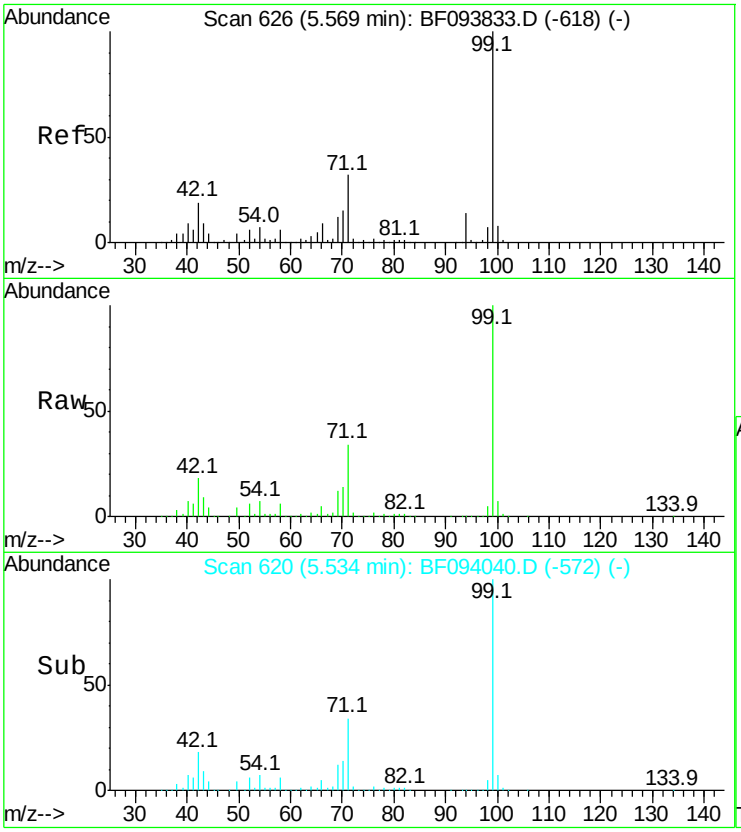


#5
2-Fluorophenol
Concen: 133.52 ng
RT: 4.47 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:112 Resp: 1334634

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	29.1	23.4	35.0



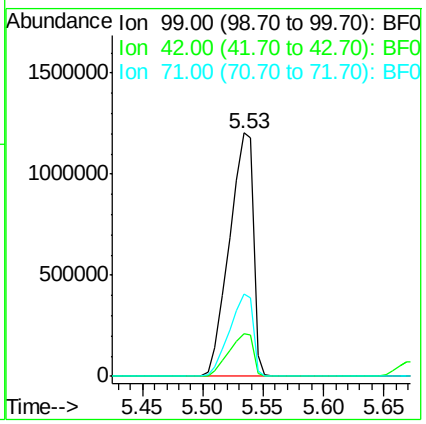


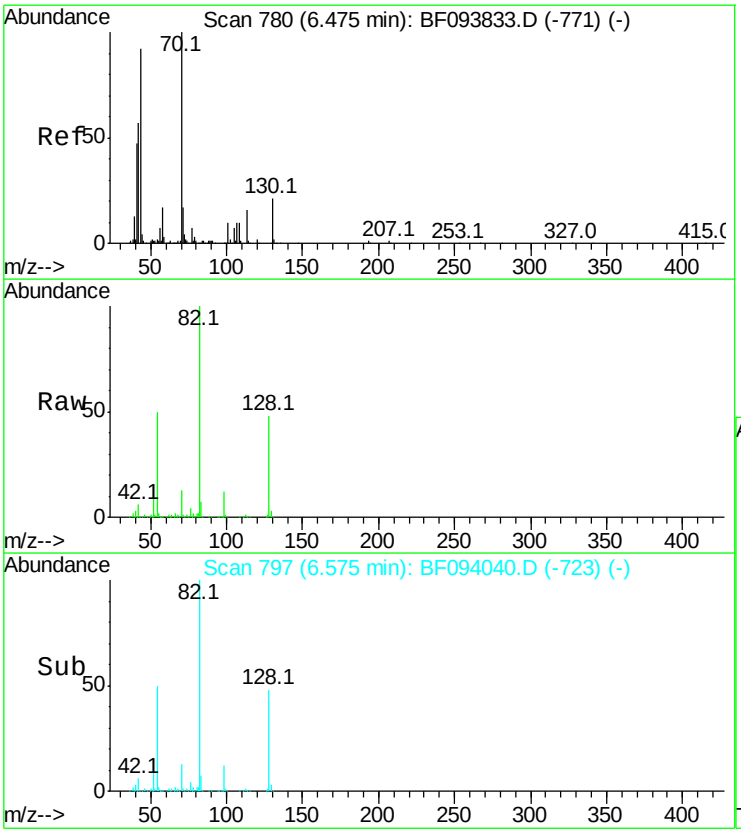
#7
Phenol-d6
Concen: 135.49 ng
RT: 5.53 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion: 99 Resp: 1675513

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.7	24.5	36.7

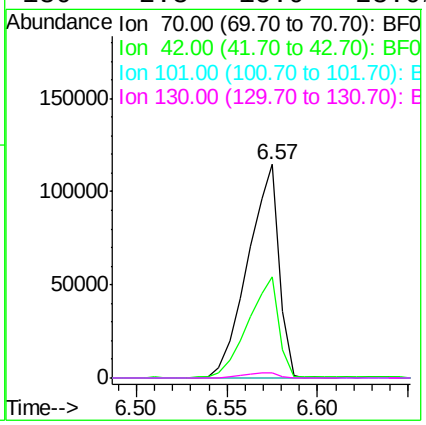


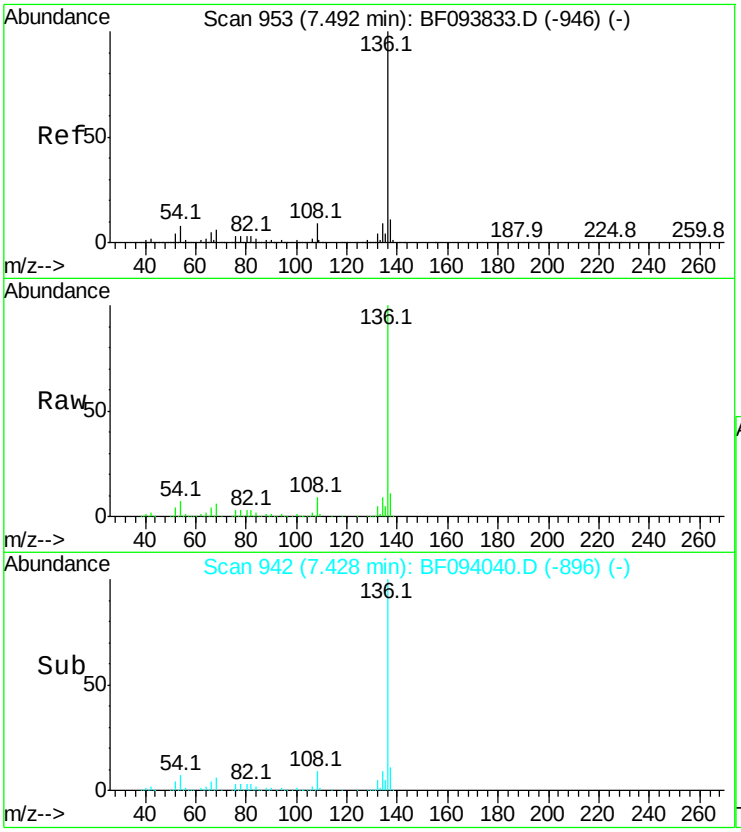


#19
n-Nitroso-di-n-propylamine
Concen: 17.22 ng
RT: 6.57 min Scan# 797
Delta R.T. 0.14 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion: 70 Resp: 136871

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



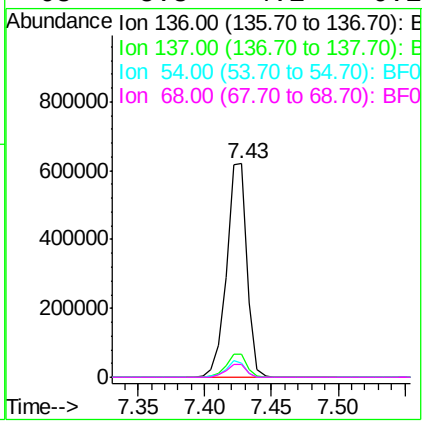


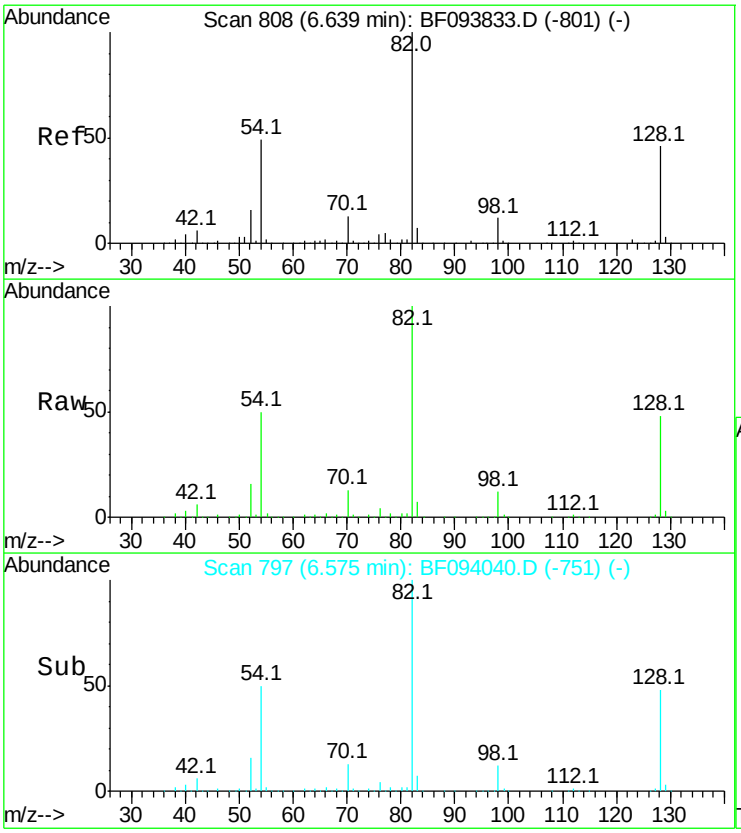
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:136 Resp: 668642

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.8	4.1	6.1

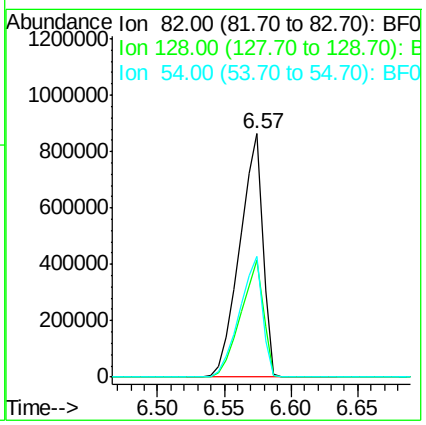


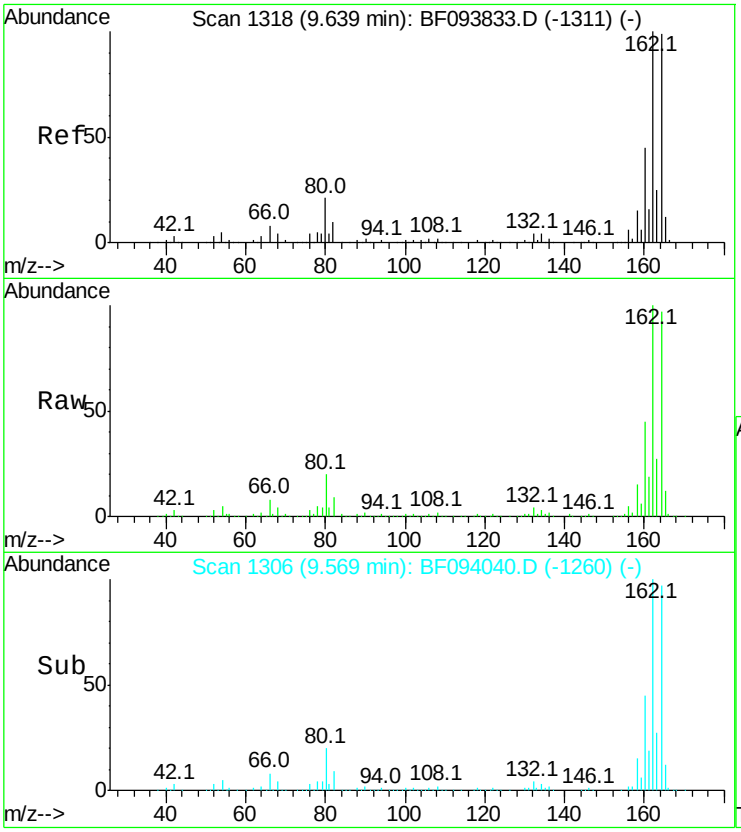


#23
Nitrobenzene-d5
Concen: 87.88 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion: 82 Resp: 1029647

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	49.5	42.2	63.2



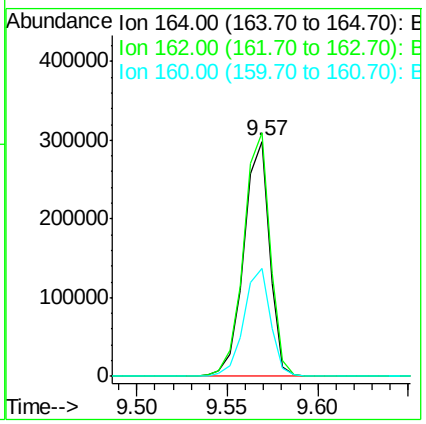


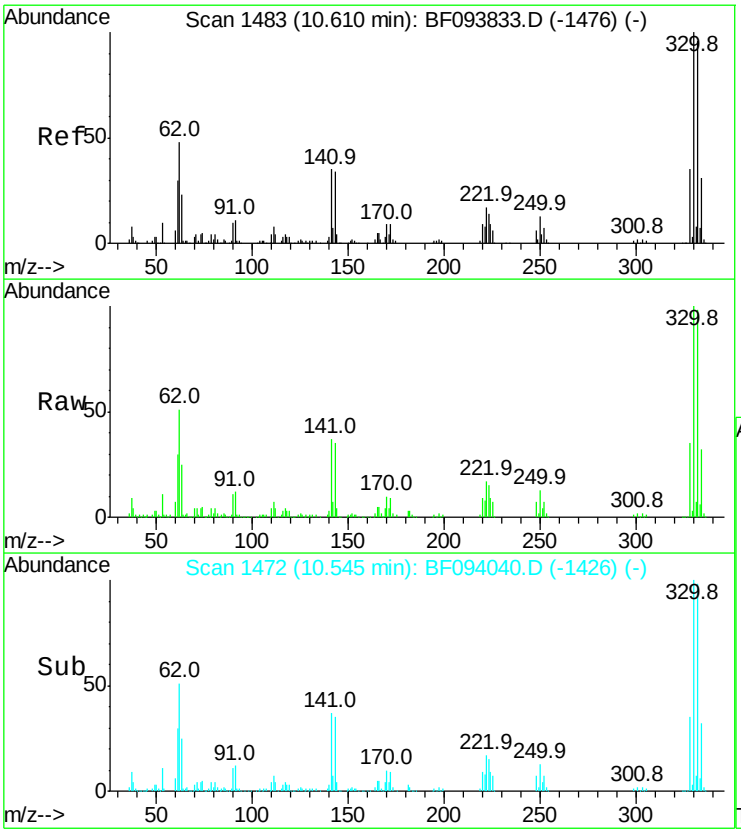
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:164 Resp: 295296

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	46.1	36.2	54.2

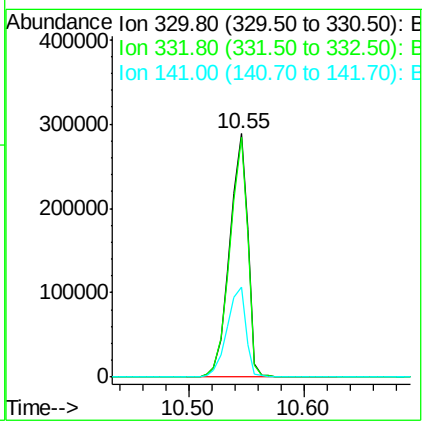


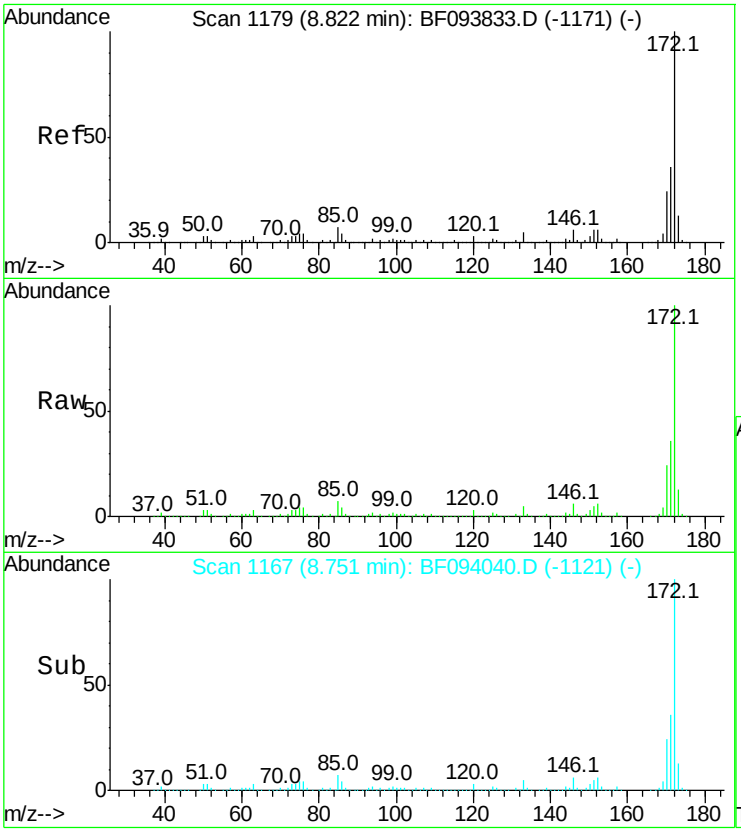


#41
2,4,6-Tribromophenol
Concen: 134.81 ng
RT: 10.55 min Scan# 1472
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:330 Resp: 314578

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.7	31.4	47.2



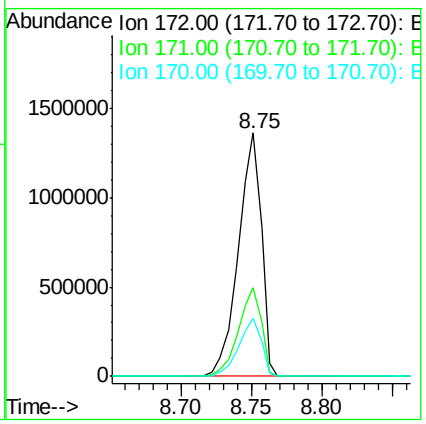


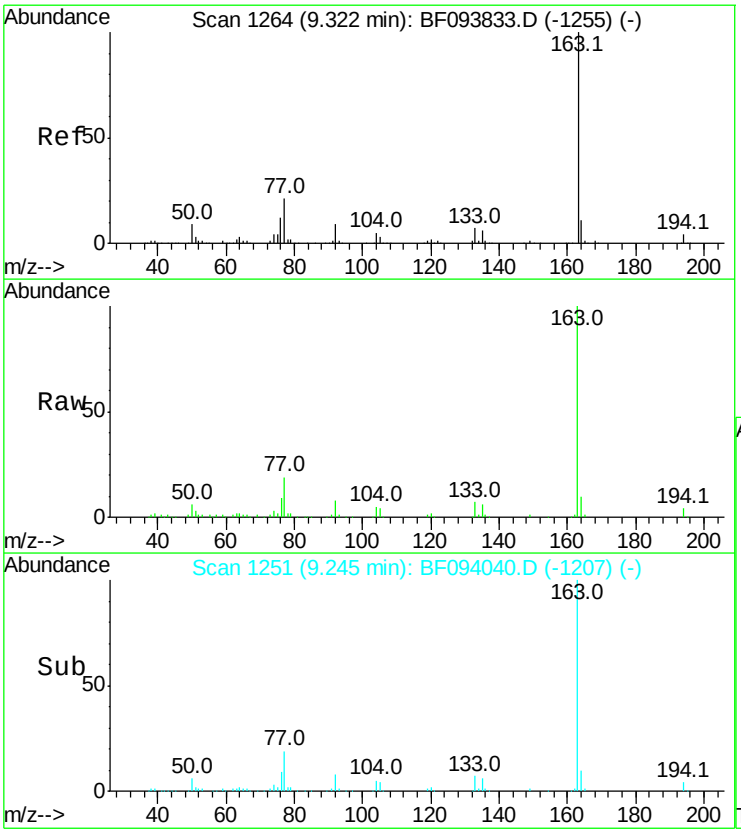
#44
2-Fluorobiphenyl
Concen: 79.78 ng
RT: 8.75 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:172 Resp: 1544508

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8

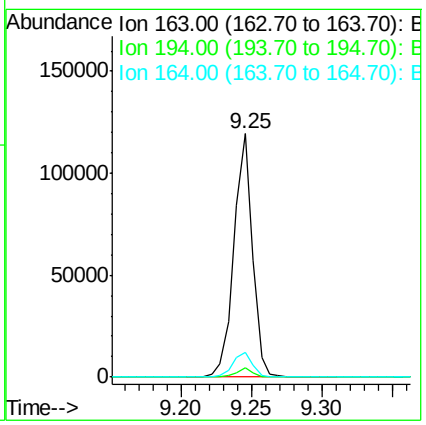


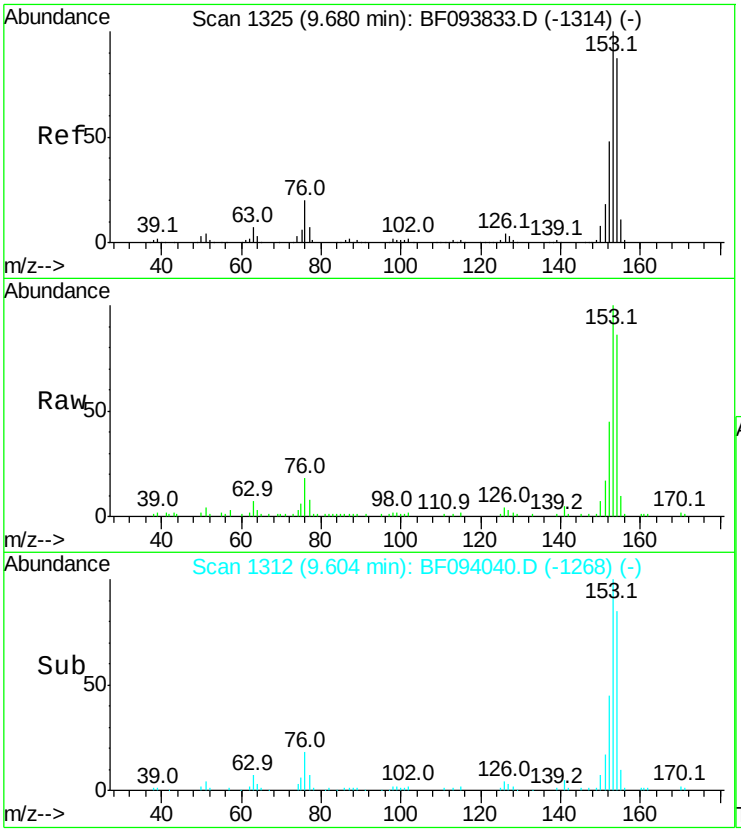


#49
Dimethylphthalate
Concen: 5.21 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:163 Resp: 109287

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.0	8.4	12.6



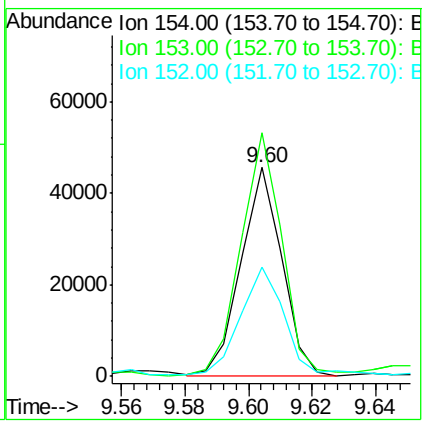


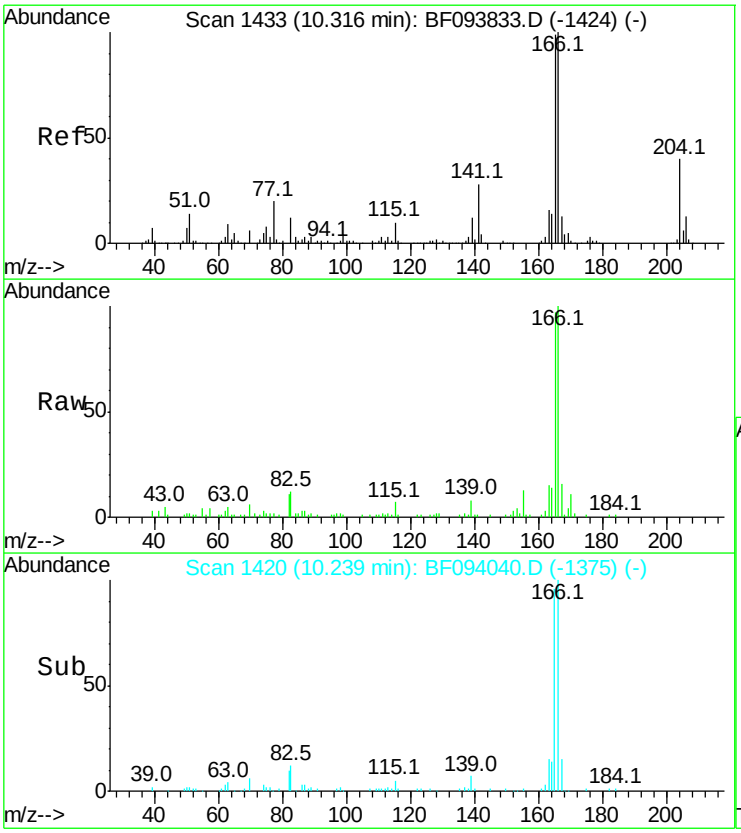
#51
Acenaphthene
Concen: 2.27 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:154 Resp: 41032

Ion	Ratio	Lower	Upper
154	100		
153	116.8	90.5	135.7
152	52.3	43.6	65.4

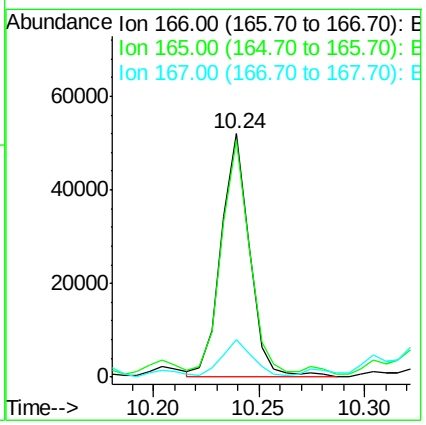


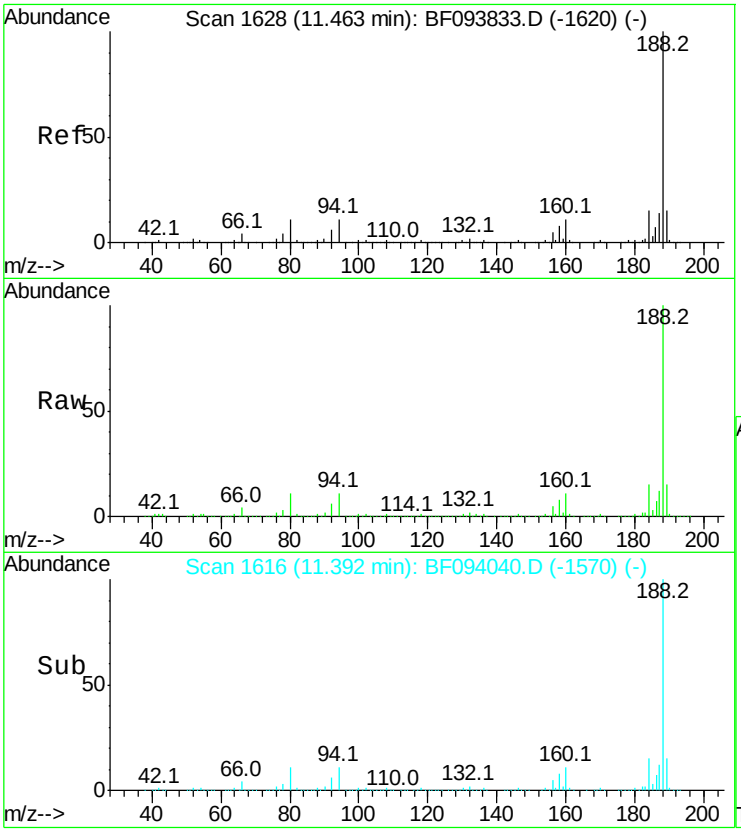


#57
Fluorene
Concen: 2.38 ng
RT: 10.24 min Scan# 1420
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:166 Resp: 48539

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.8	118.2
167	15.7	10.6	16.0



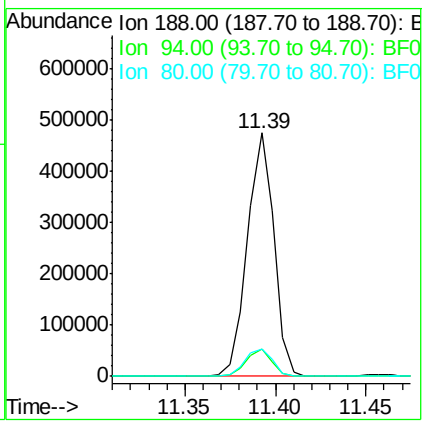


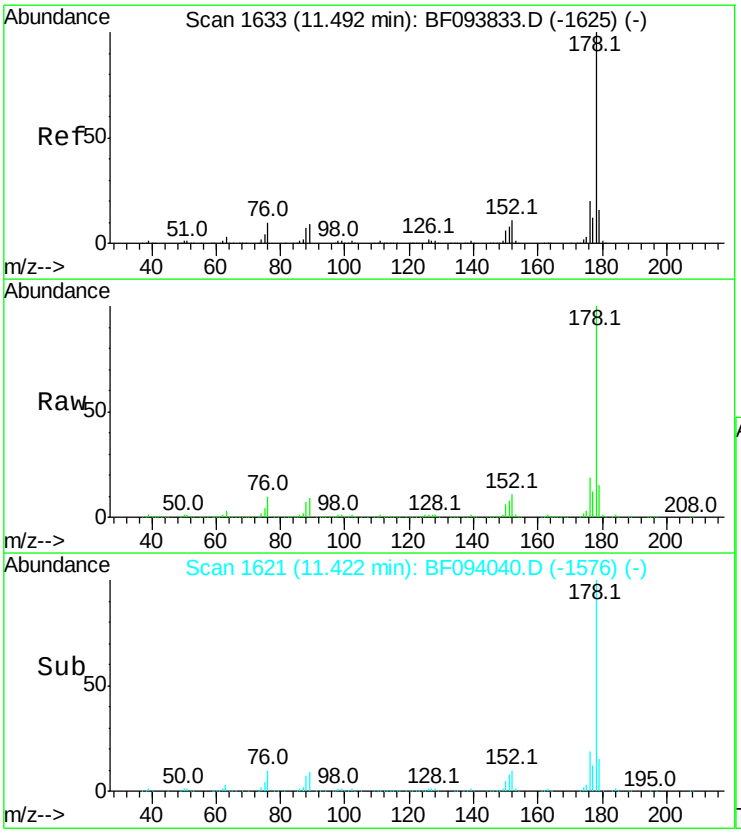
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:188 Resp: 483372

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.1	10.2	15.2

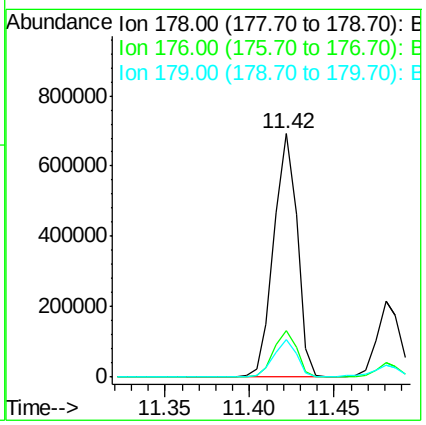


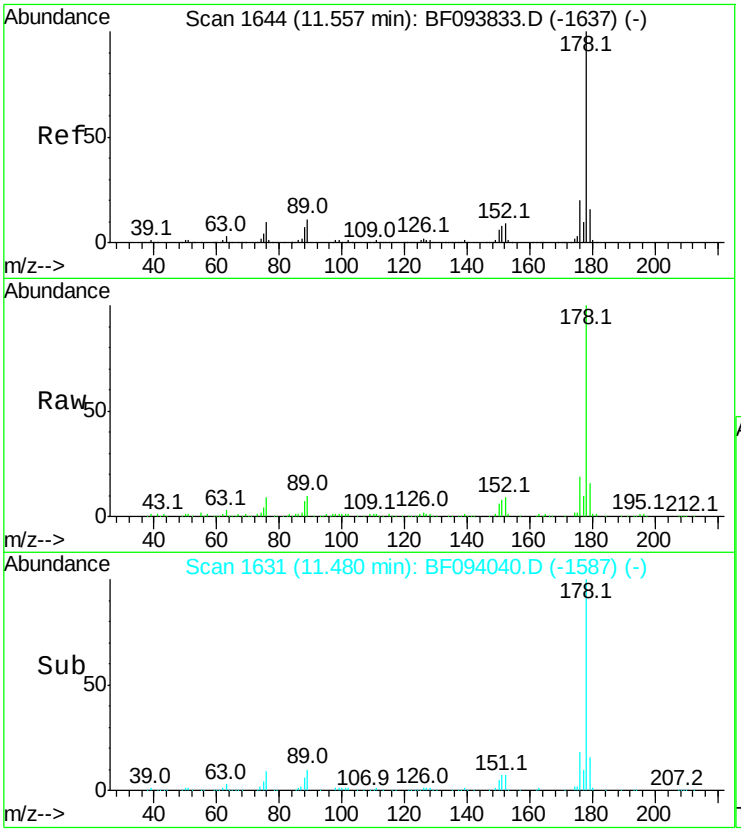


#70
Phenanthrene
Concen: 24.90 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:178 Resp: 669454

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.4	12.6	19.0



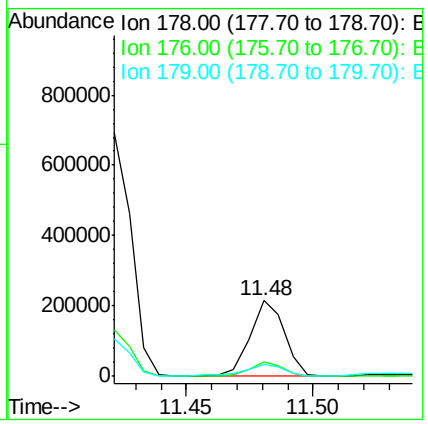


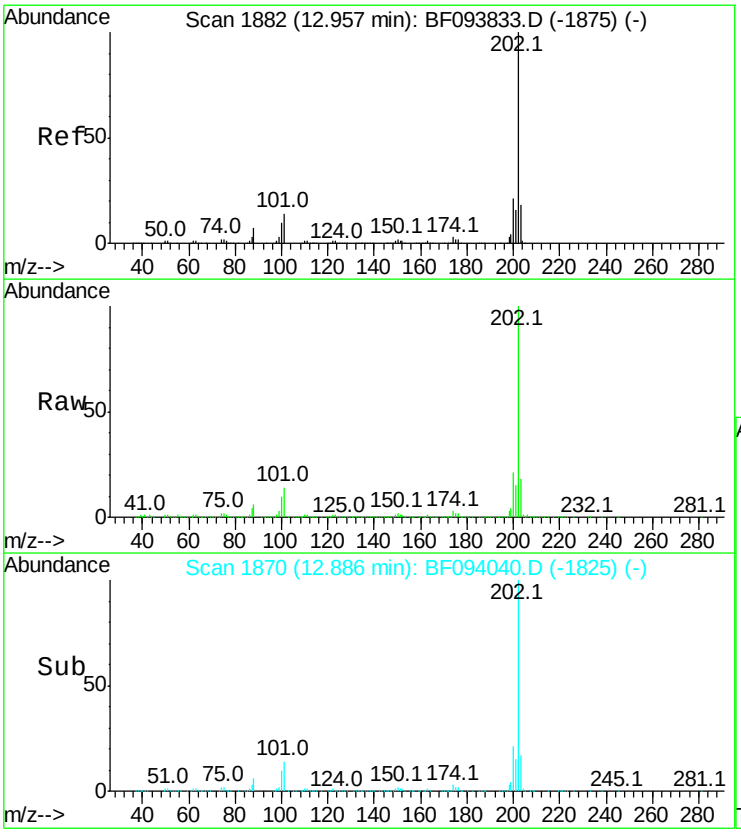
#71
Anthracene
Concen: 7.27 ng
RT: 11.48 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:178 Resp: 201383

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	16.4	12.7	19.1

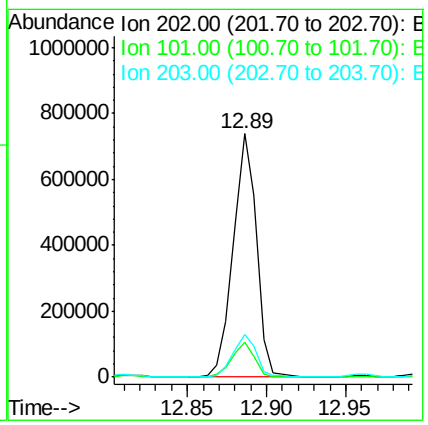


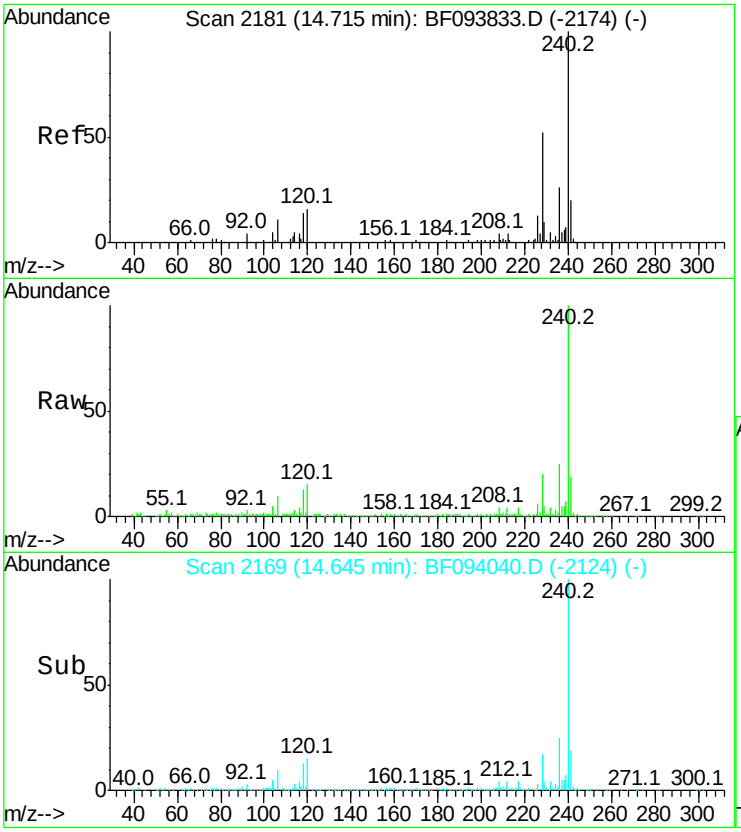


#74
Fluoranthene
Concen: 27.13 ng
RT: 12.89 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:202 Resp: 747047

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.6	0.0	38.1



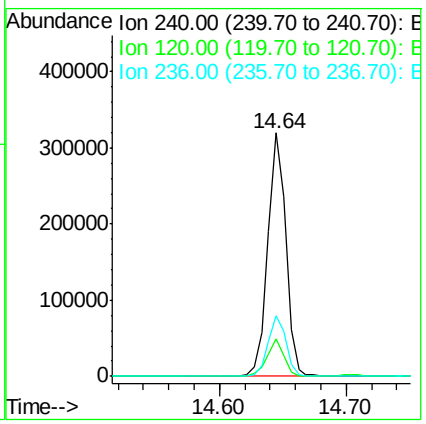


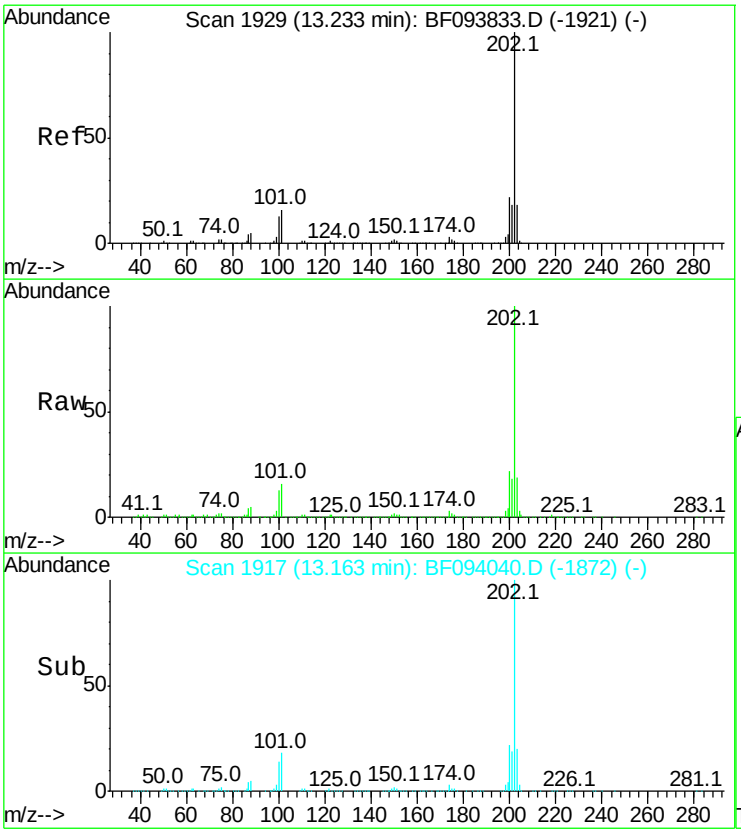
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:240 Resp: 316402

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	24.9	20.5	30.7

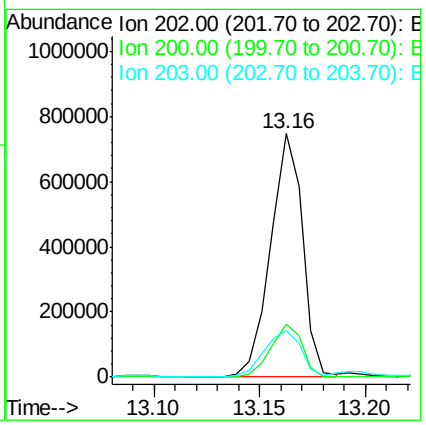


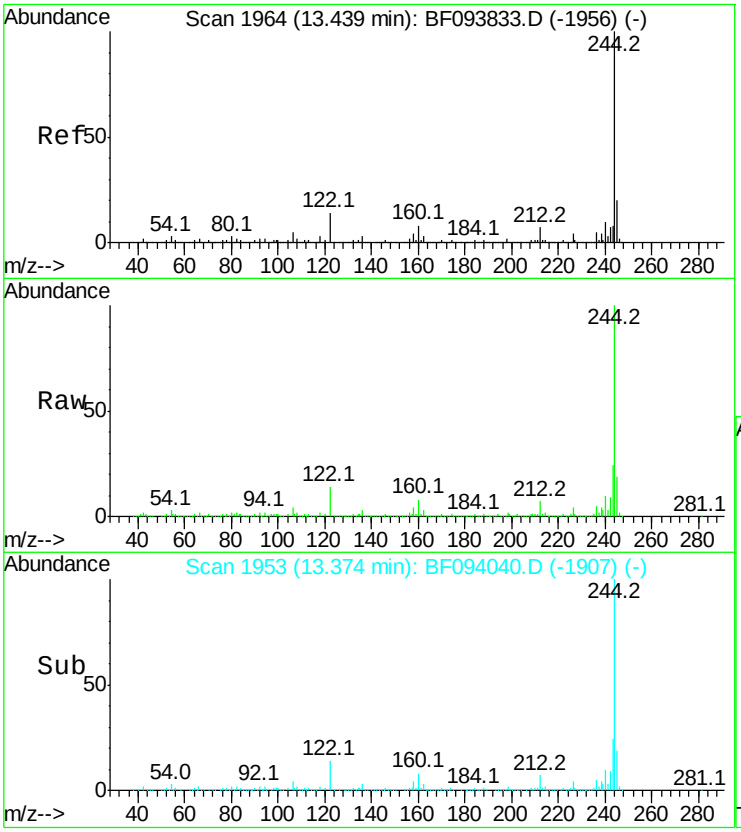


#77
Pyrene
Concen: 34.18 ng
RT: 13.16 min Scan# 1917
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:202 Resp: 784942

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	19.2	14.4	21.6



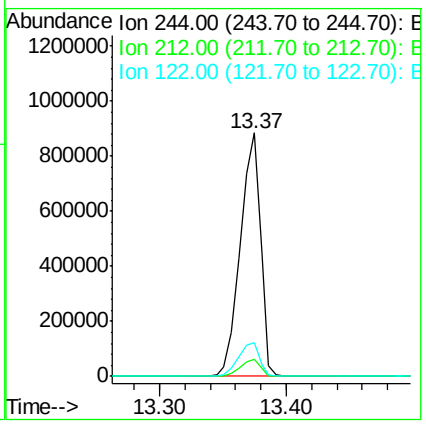


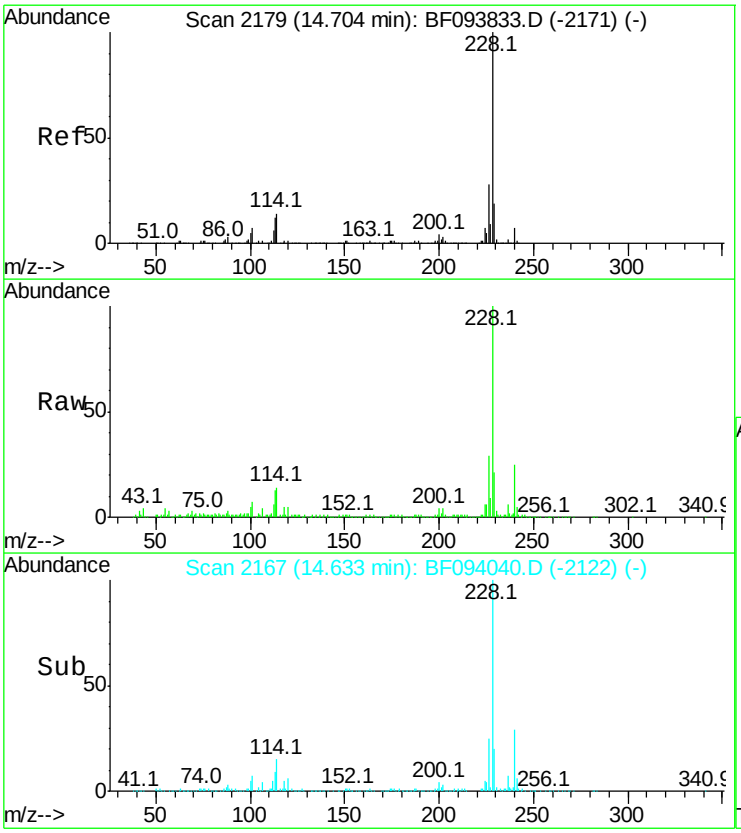
#78
Terphenyl-d14
Concen: 68.79 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:244 Resp: 970953

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5

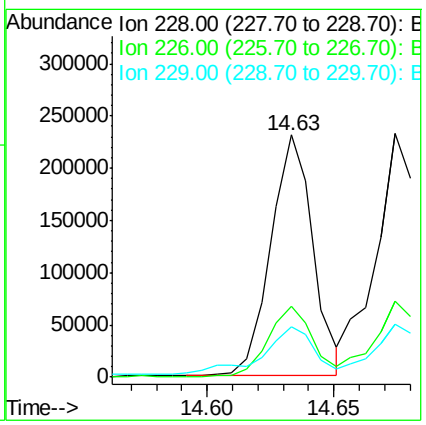


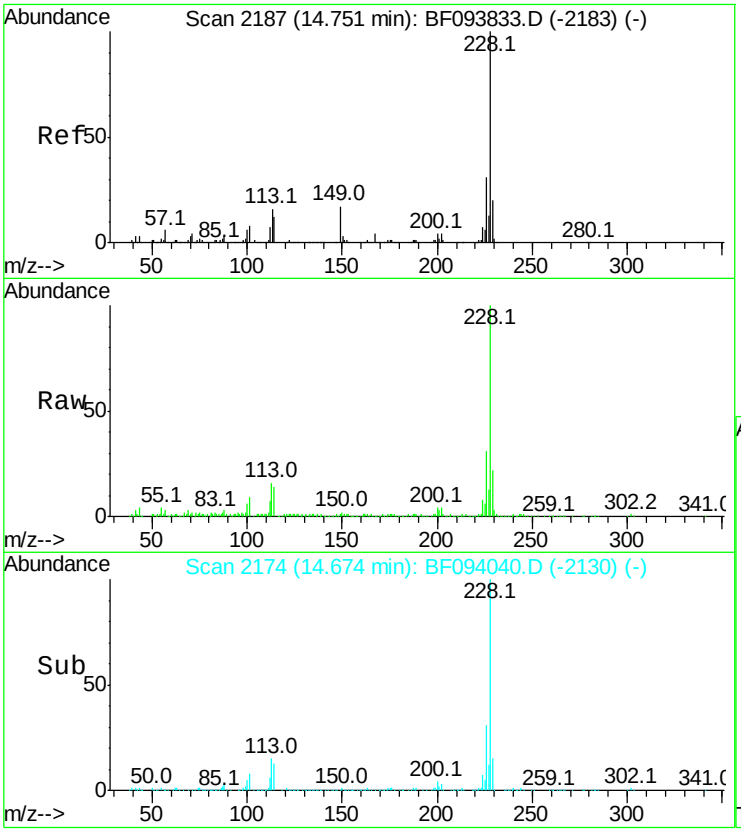


#80
Benzo(a)anthracene
Concen: 14.58 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:228 Resp: 269078

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.6	16.3	24.5



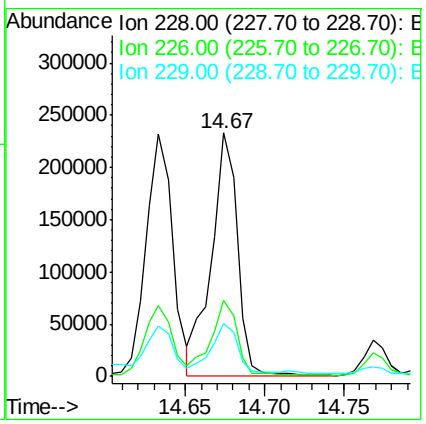


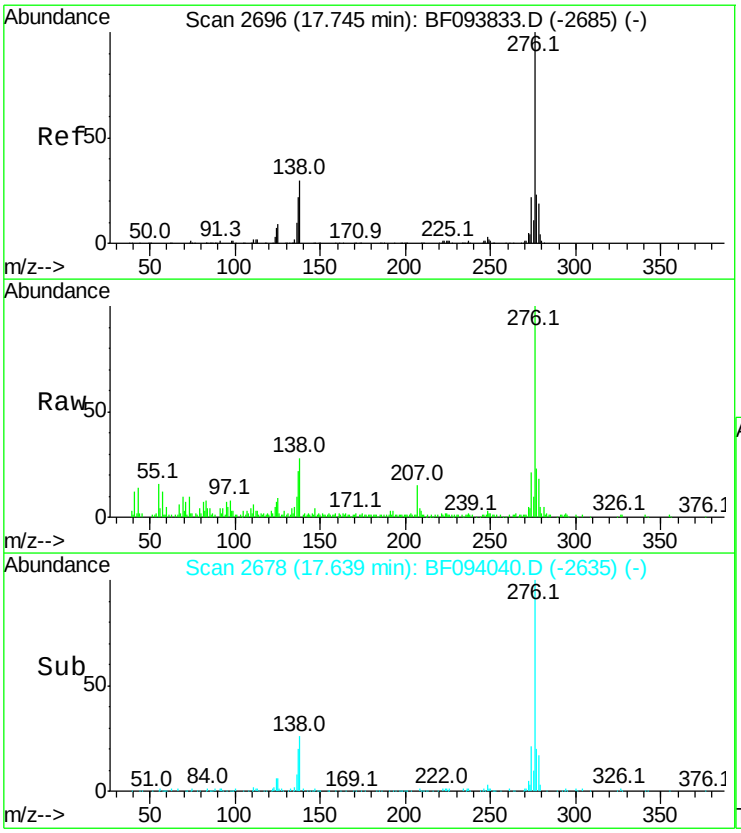
#82
Chrysene
Concen: 15.43 ng
RT: 14.67 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:228 Resp: 264196

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.9	15.8	23.6

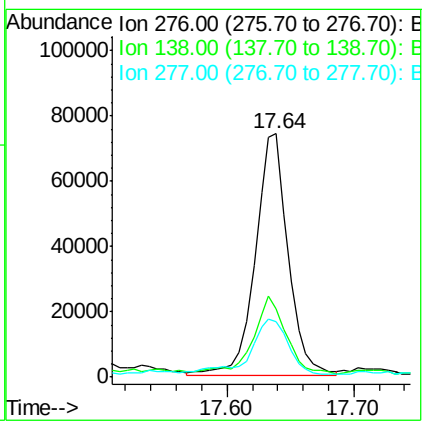


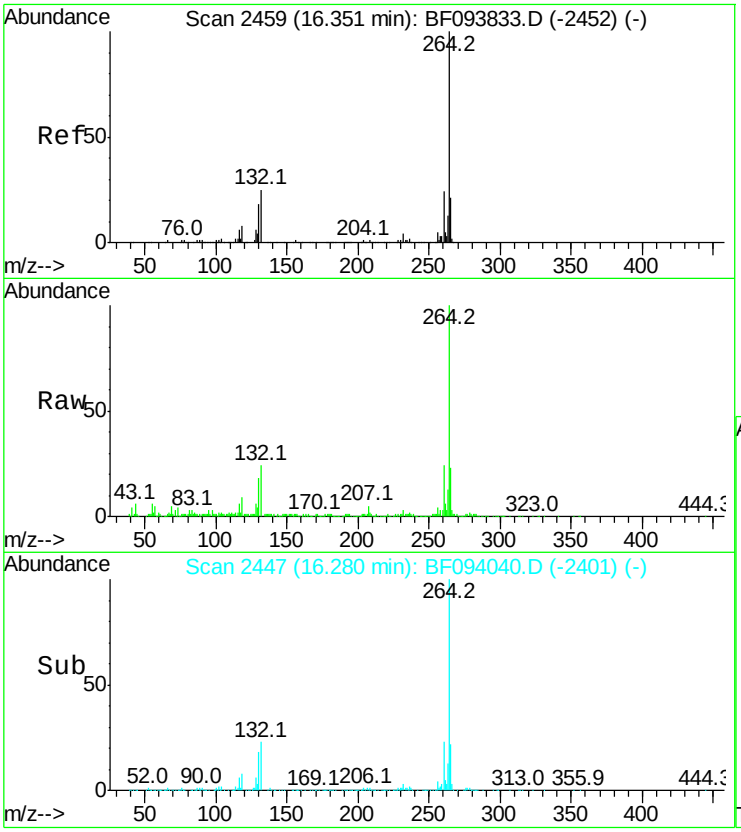


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.99 ng
RT: 17.64 min Scan# 2678
Delta R.T. -0.05 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:276 Resp: 133312

Ion	Ratio	Lower	Upper
276	100		
138	32.4	27.8	41.6
277	27.9	20.2	30.4



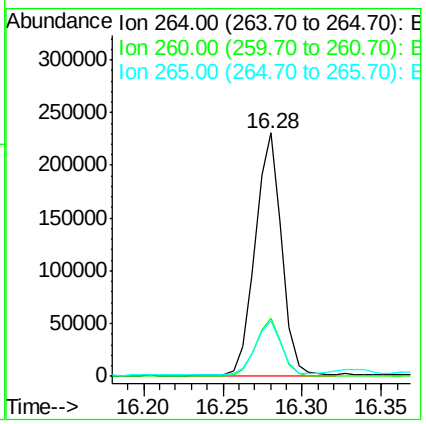


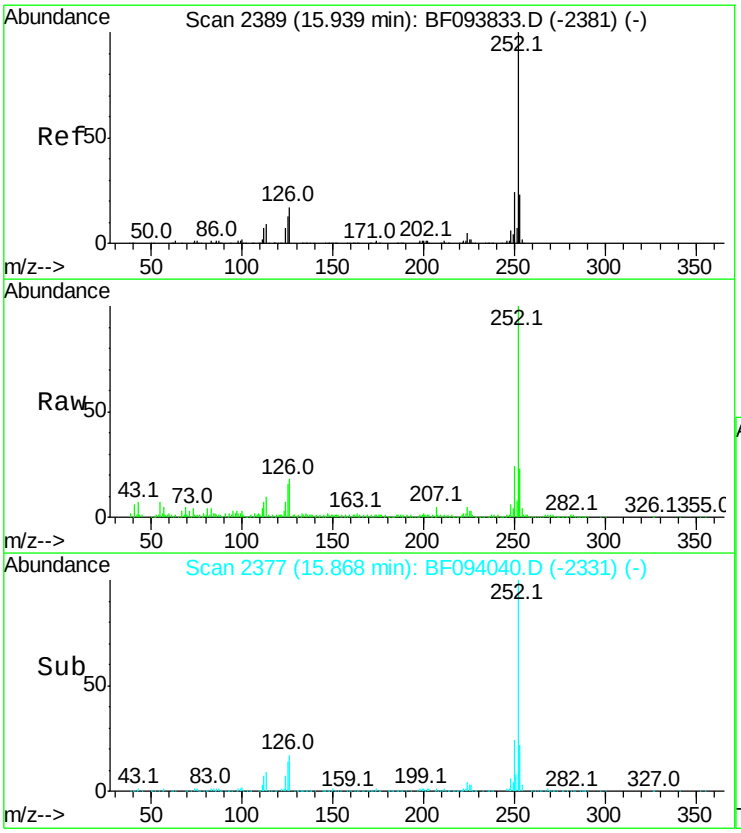
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:264 Resp: 268218

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.6	17.2	25.8

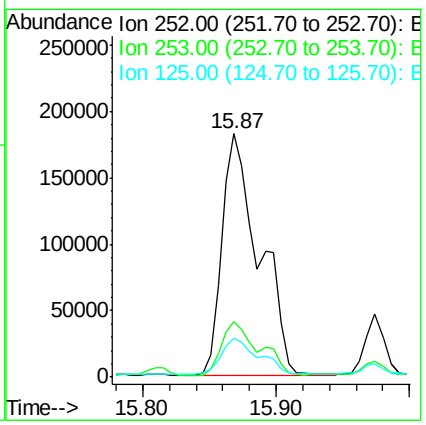


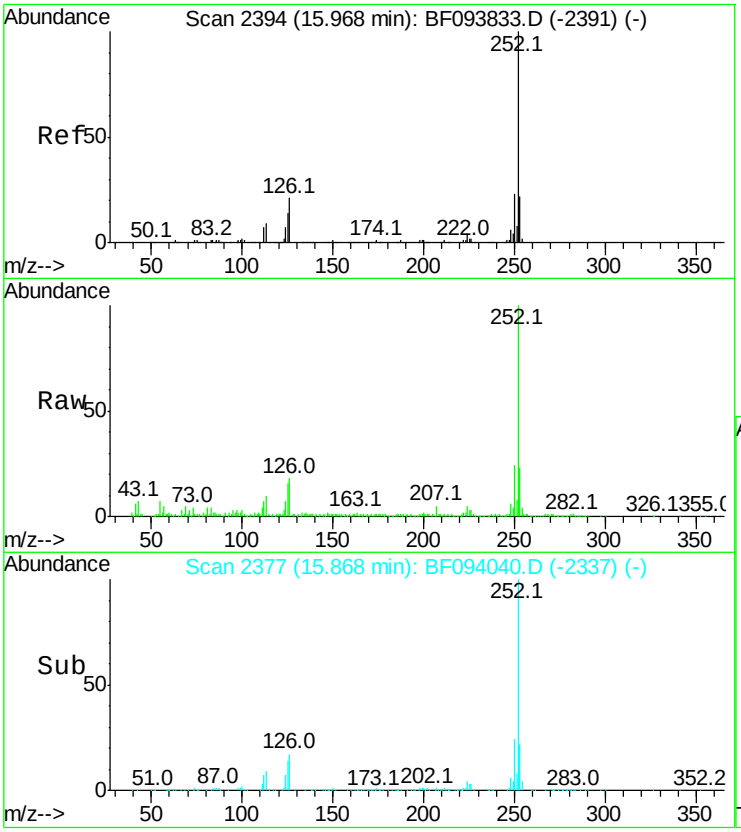


#87
Benzo(b)fluoranthene
Concen: 21.72 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:252 Resp: 357131

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.7	9.8	14.8#



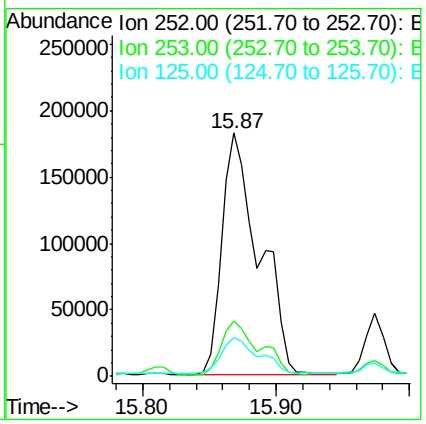


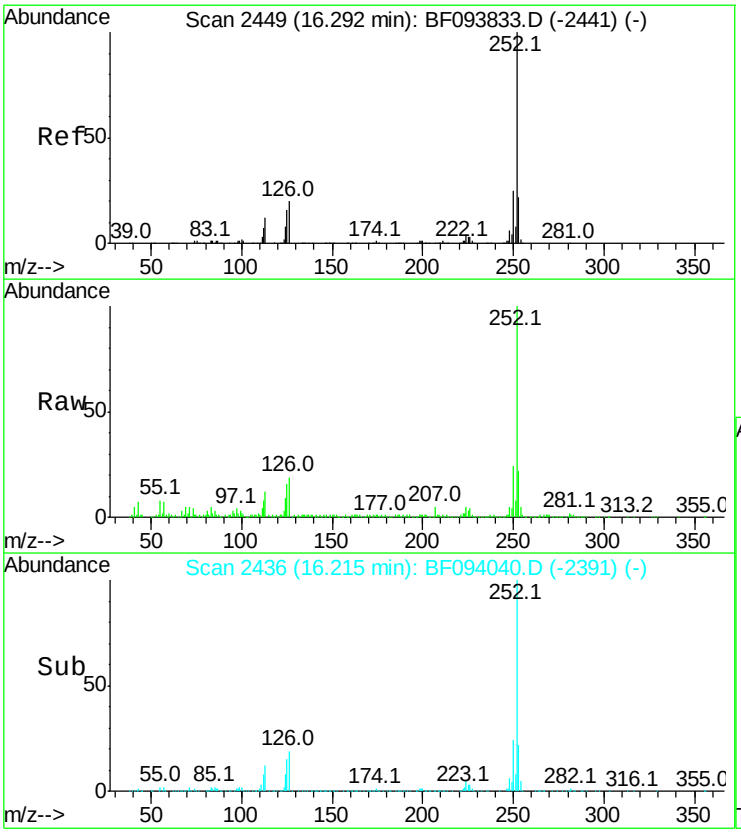
#88
Benzo(k)fluoranthene
Concen: 22.20 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.06 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:252 Resp: 357131

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	15.7	13.1	19.7

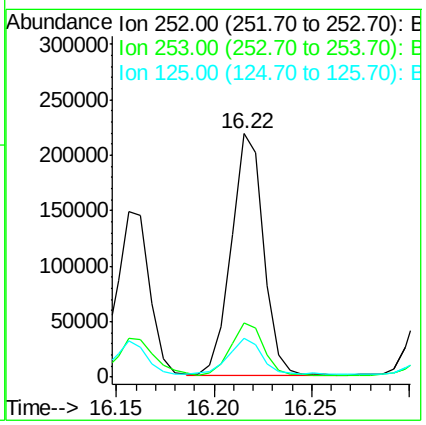


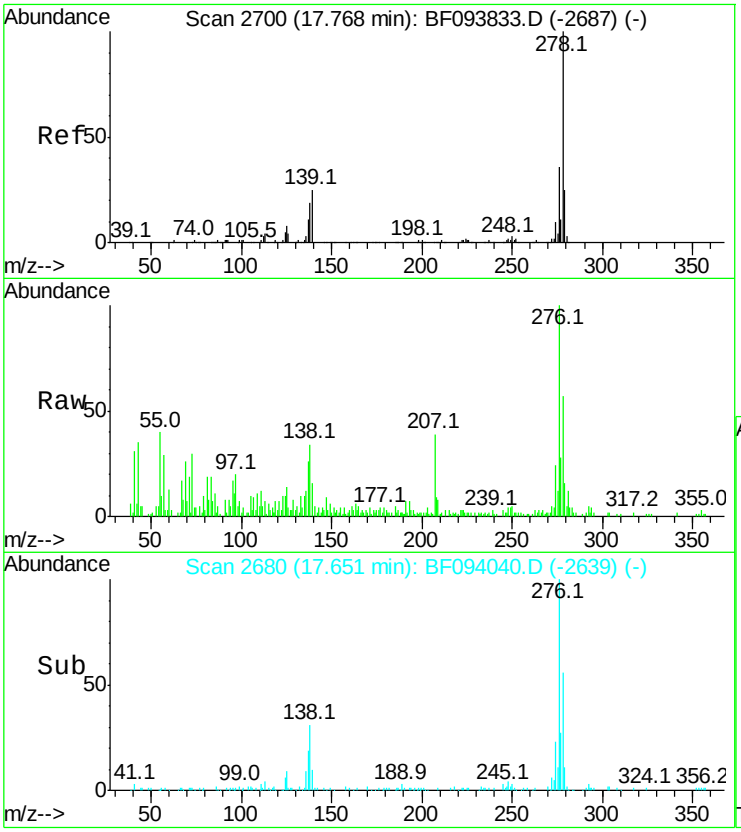


#89
Benzo(a)pyrene
Concen: 16.47 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:252 Resp: 249380

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	16.0	11.0	16.4



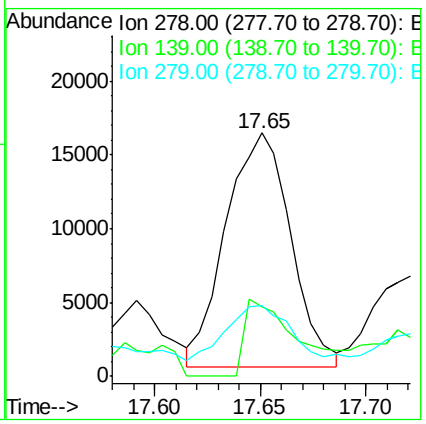


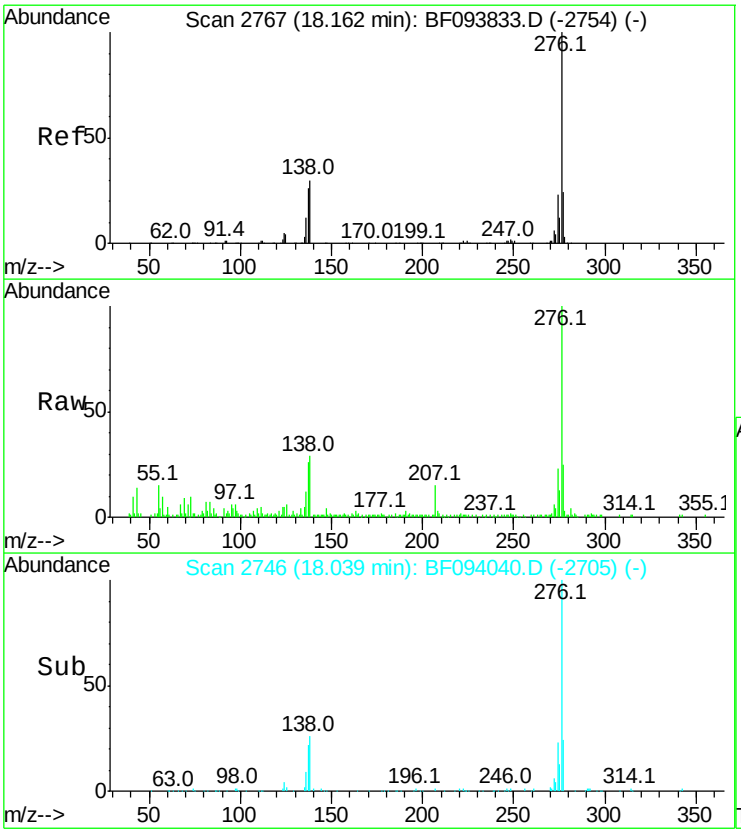
#90
Dibenzo(a,h)anthracene
Concen: 2.63 ng
RT: 17.65 min Scan# 2680
Delta R.T. -0.06 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASE

Tgt Ion:278 Resp: 33673

Ion	Ratio	Lower	Upper
278	100		
139	28.3	16.6	24.8#
279	29.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 11.42 ng
RT: 18.04 min Scan# 2746
Delta R.T. -0.06 min
Lab File: BF094040.D
Acq: 30 Mar 2017 1:13

Tgt Ion:276 Resp: 147538

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	29.4	25.4	38.0