Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094050.D
Acq On : 30 Mar 2017 7:40
Operator : SJ/MA
Sample : I2443-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-P12-BASE

Quant Time: Mar 30 08:03:48 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	159964	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	622429	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	270259	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	419121	20.00	ng		-0.03
75) Chrysene-d12	14.66	240	271959	20.00	ng		-0.02
86) Perylene-d12	16.29	264	253913	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	893893	94.38	ng		-0.01
7) Phenol-d6	5.53	99	1131455	96.57	ng		-0.02
23) Nitrobenzene-d5	6.57	82	545329	50.00	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	152360	71.34	ng		-0.04
44) 2-Fluorobiphenyl	8.75	172	1204879	68.00	ng		-0.03
78) Terphenyl-d14	13.37	244	674579	55.60	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.57	70	71102	9.44	ng	#	77
31) Naphthalene	7.45	128	140414	4.69	ng		99
37) 2-Methylnaphthalene	8.29	142	56272	2.82	ng		97
48) Acenaphthylene	9.39	152	469906	16.57	ng		98
49) Dimethylphthalate	9.25	163	85073	4.43	ng		100
50) 2,6-Dinitrotoluene	9.57	165	38947	8.84	ng	#	35
51) Acenaphthene	9.60	154	99142	5.99	ng		97
54) Dibenzofuran	9.82	168	109660	4.87	ng		99
57) Fluorene	10.24	166	126256	6.76	ng		97
70) Phenanthrene	11.43	178	1814009	77.81	ng		99
71) Anthracene	11.49	178	616860	25.70	ng		99
72) Carbazole	11.69	167	204695	8.32	ng		96
74) Fluoranthene	12.91	202	3754098	157.25	ng		100
77) Pyrene	13.19	202	3123209	158.24	ng		99
80) Benzo(a)anthracene	14.65	228	1680327	105.96	ng		97
82) Chrysene	14.70	228	1532020	104.10	ng		97
85) Indeno(1,2,3-cd)pyrene	17.67	276	611695	47.99	ng		96
87) Benzo(b)fluoranthene	15.90	252	2355039	151.31	ng		98
88) Benzo(k)fluoranthene	15.90	252	2355039	154.65	ng		98
89) Benzo(a)pyrene	16.24	252	1013736	70.73	ng		97
90) Dibenzo(a,h)anthracene	17.82	278	126083	10.39	ng		97
91) Benzo(g,h,i)perylene	18.07	276	518203	42.36	ng		99

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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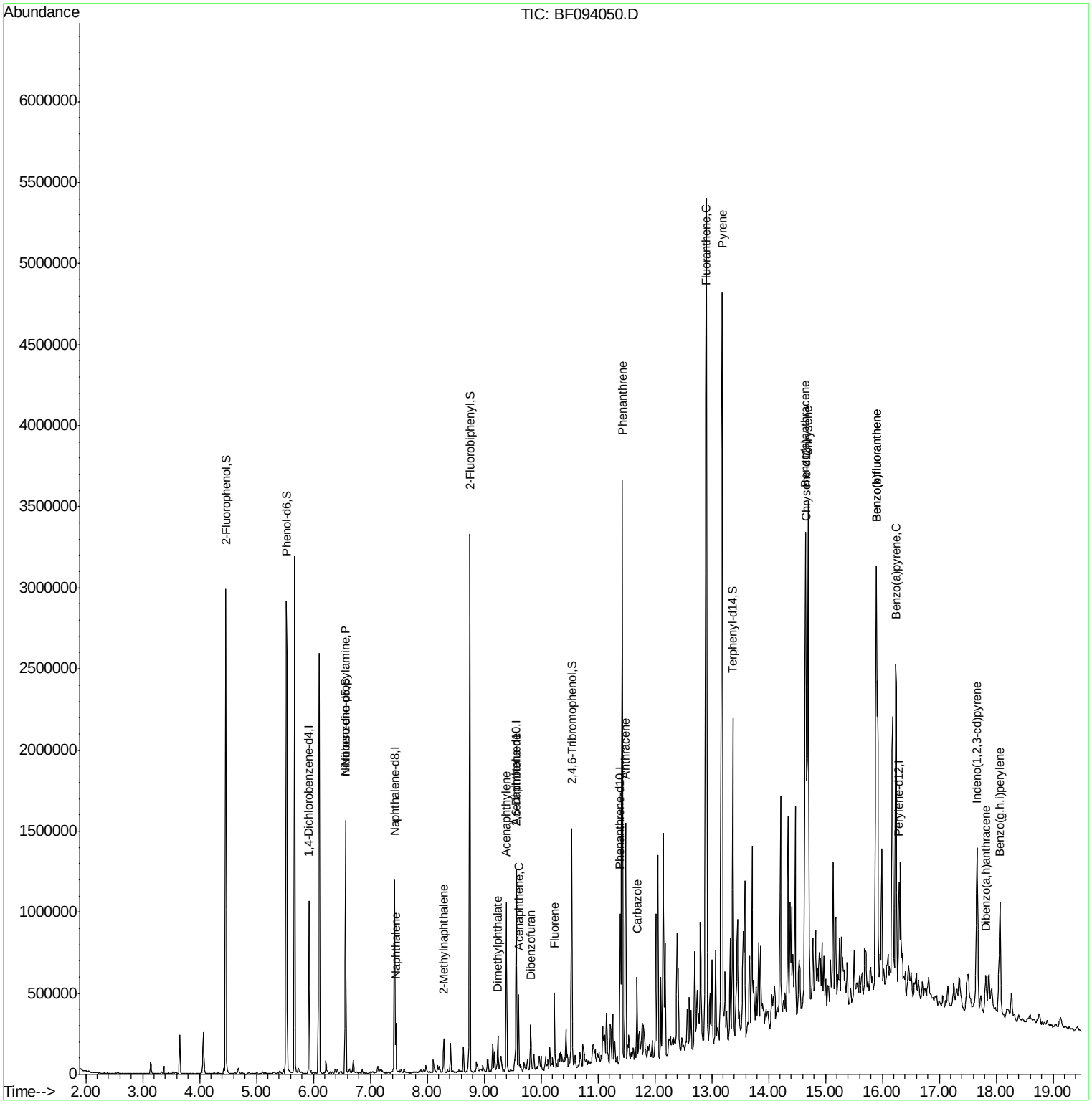
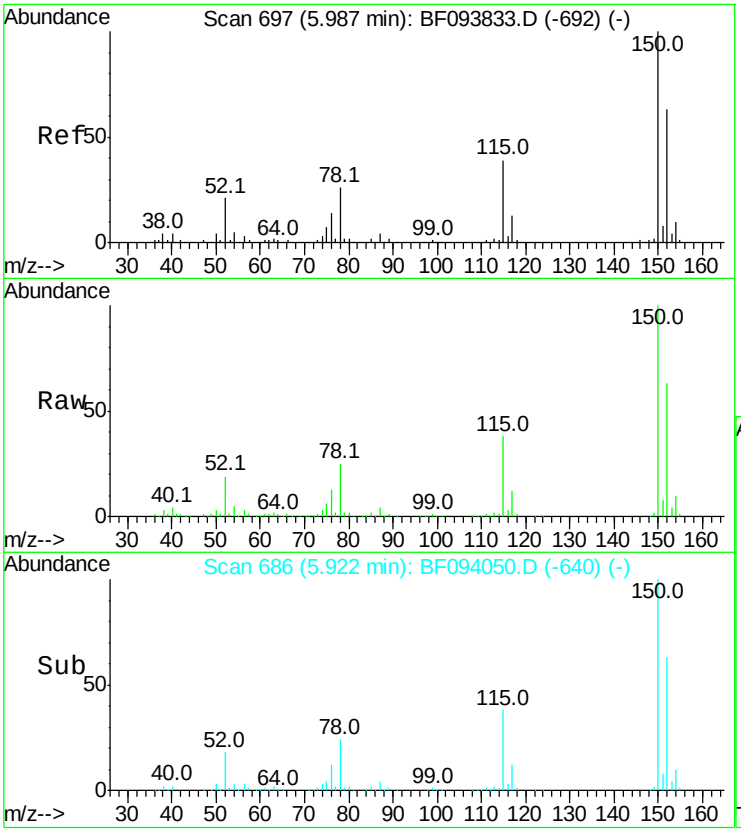


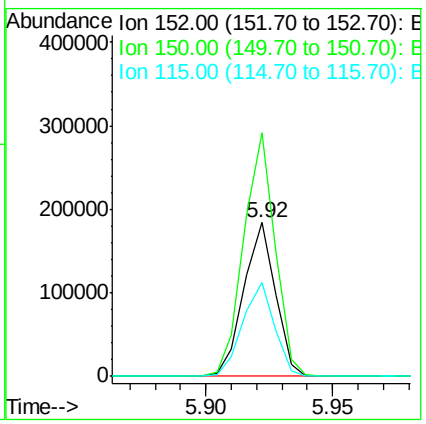


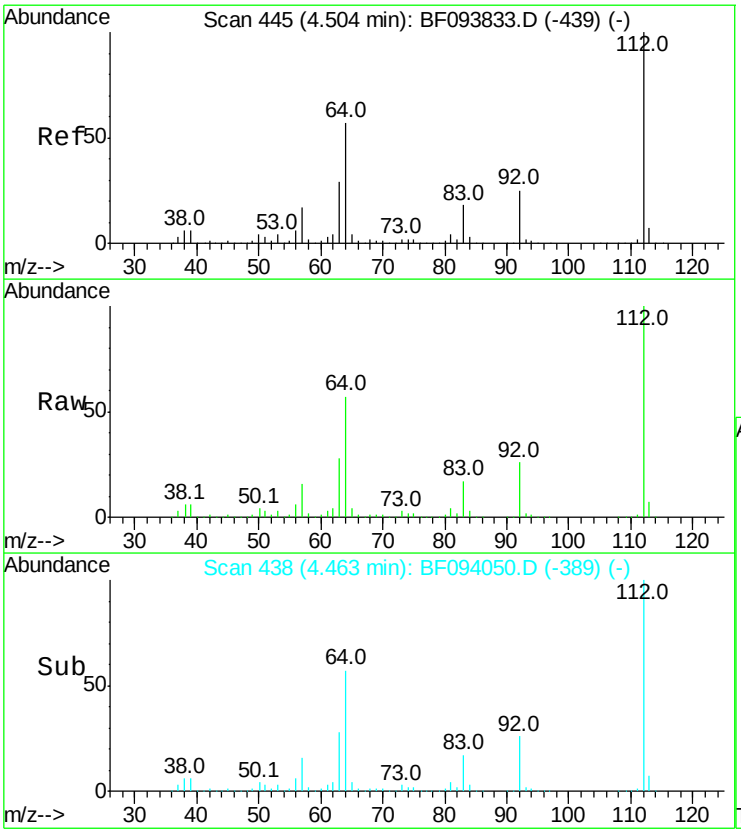
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:152 Resp: 159964

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	60.7	52.2	78.2

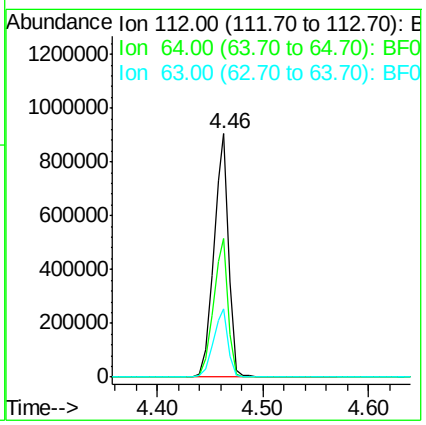


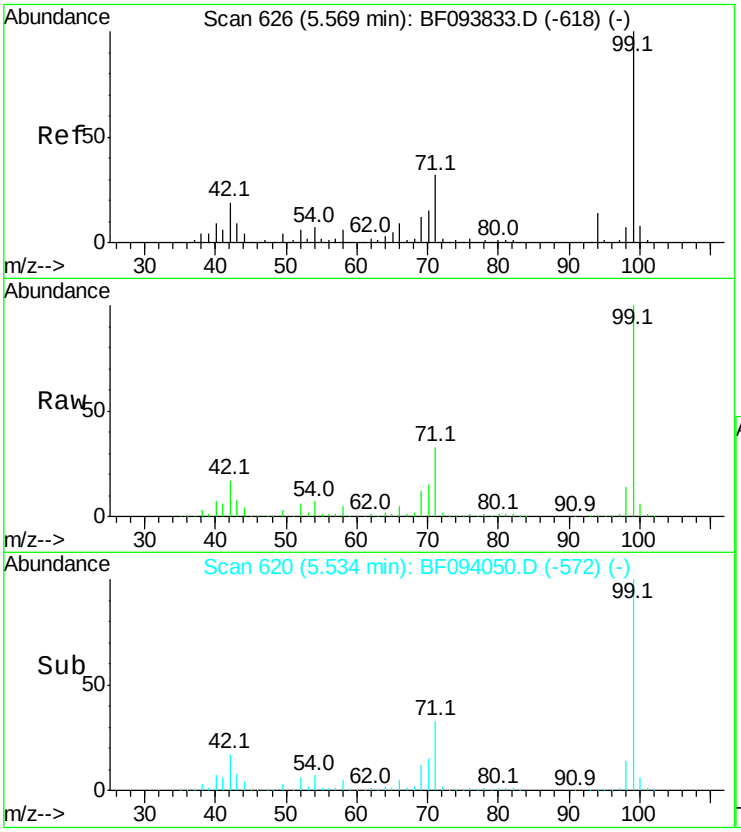


#5
2-Fluorophenol
Concen: 94.38 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:112 Resp: 893893

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	28.1	23.4	35.0



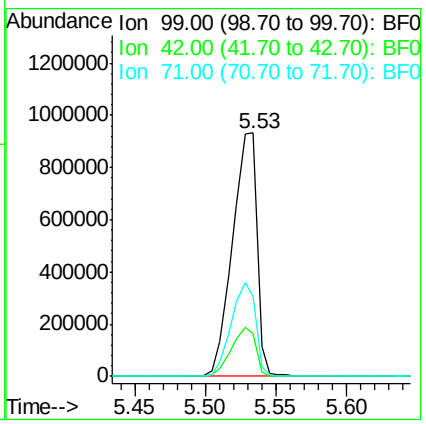


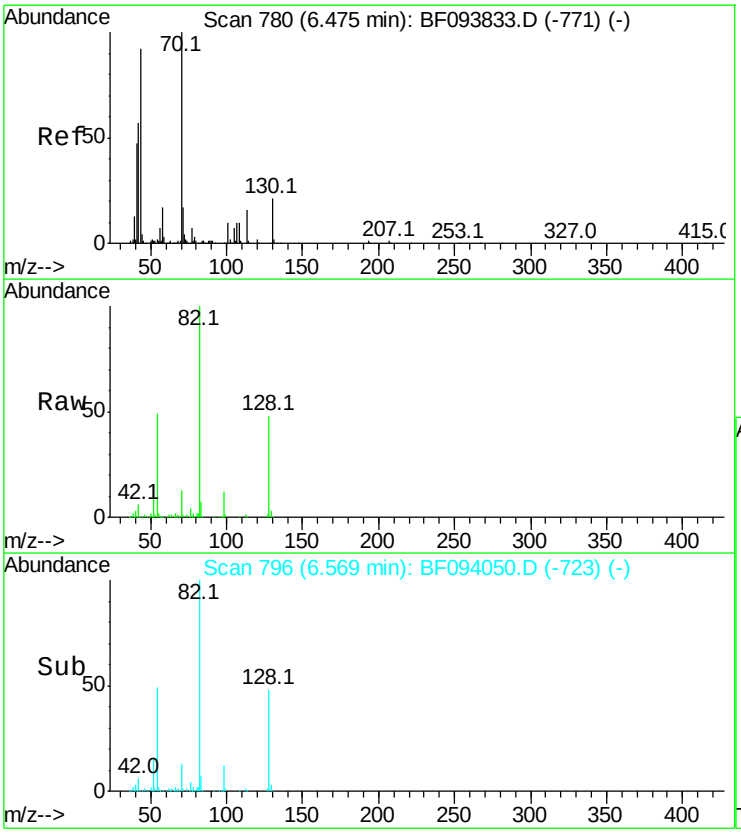
#7
Phenol-d6
Concen: 96.57 ng
RT: 5.53 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion: 99 Resp: 1131455

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	32.8	24.5	36.7

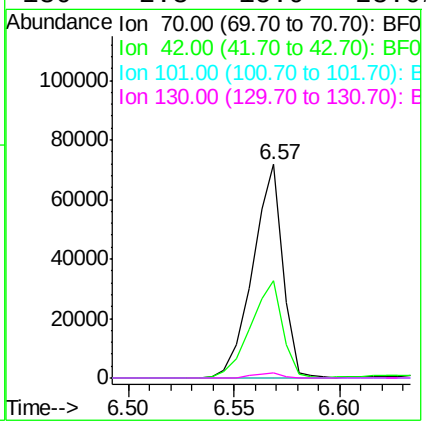


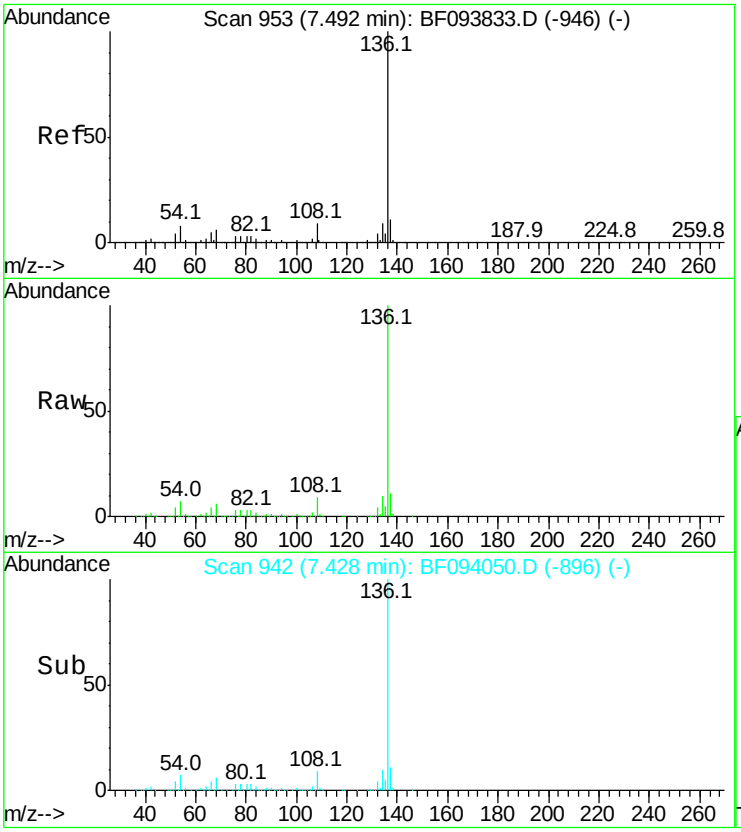


#19
n-Nitroso-di-n-propylamine
Concen: 9.44 ng
RT: 6.57 min Scan# 796
Delta R.T. 0.13 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion: 70 Resp: 71102

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



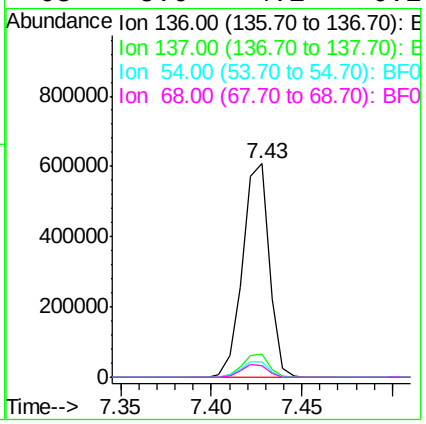


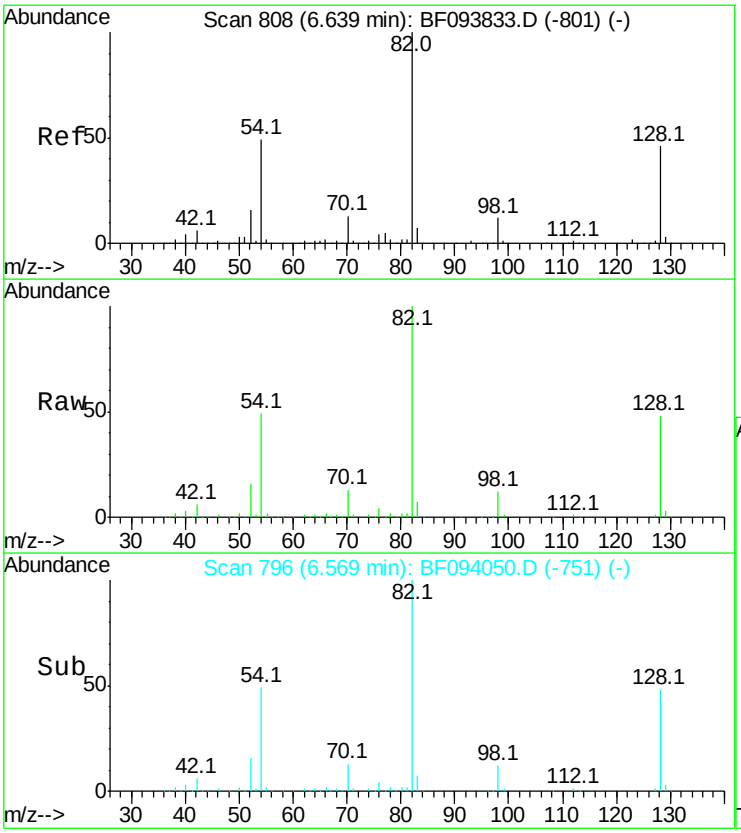
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:136 Resp: 622429

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	4.9	7.3
68	5.6	4.1	6.1

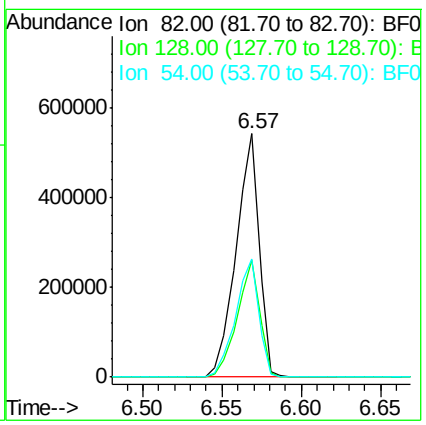


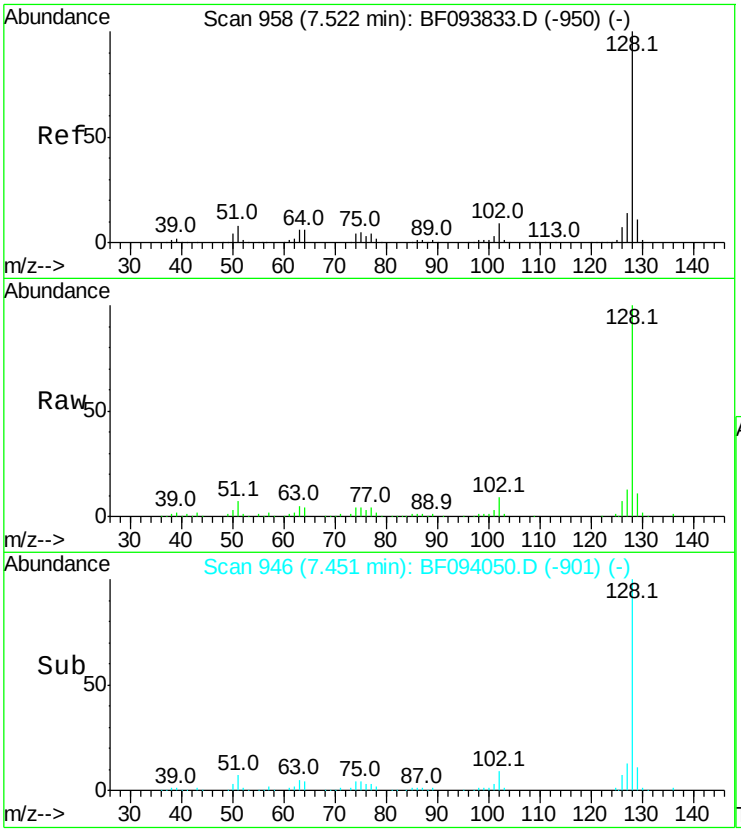


#23
Nitrobenzene-d5
Concen: 50.00 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion: 82 Resp: 545329

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	48.6	42.2	63.2



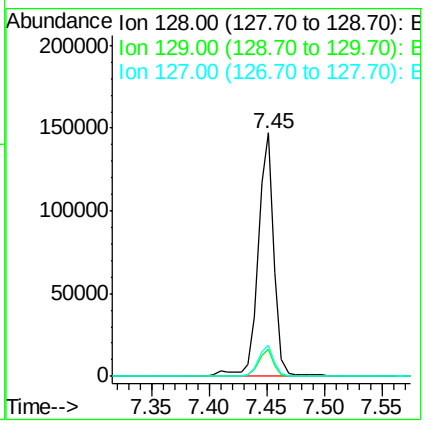


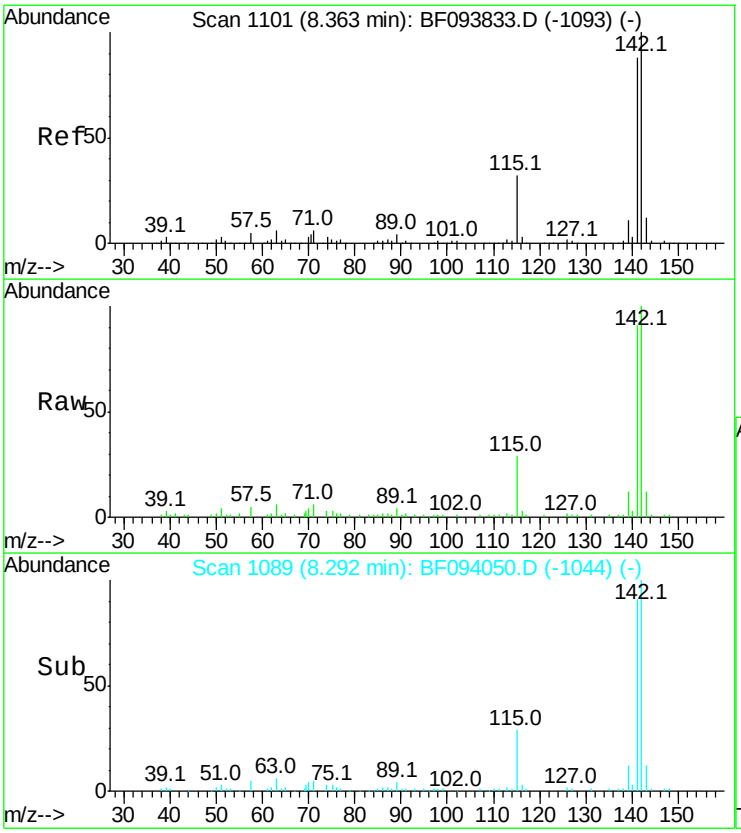
#31
Naphthalene
Concen: 4.69 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:128 Resp: 140414

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	12.6	10.8	16.2

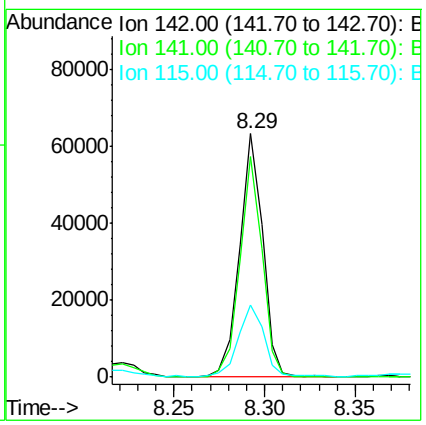


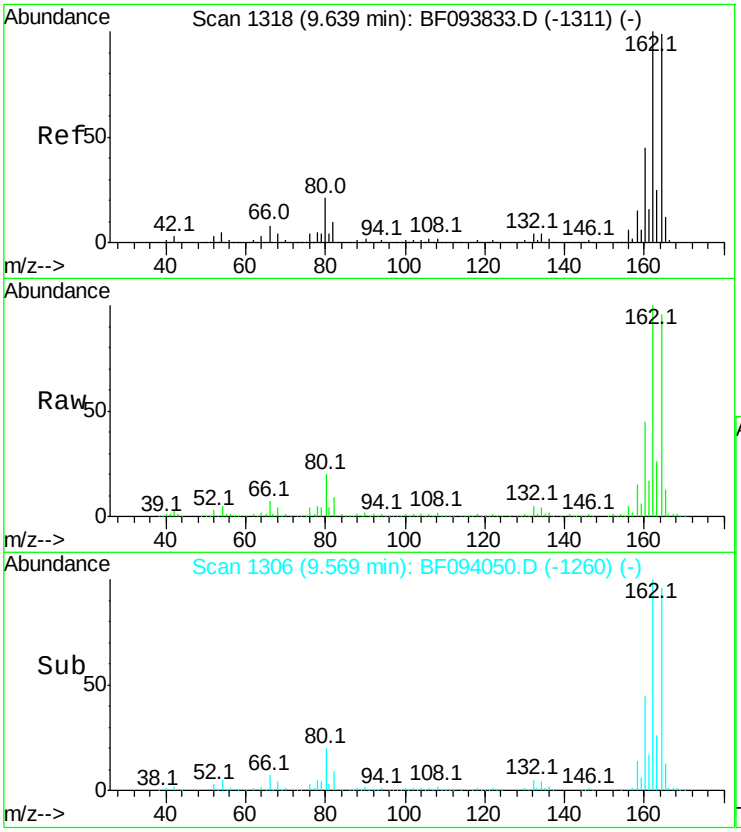


#37
2-Methylnaphthalene
Concen: 2.82 ng
RT: 8.29 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:142 Resp: 56272

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9
115	29.4	27.1	40.7



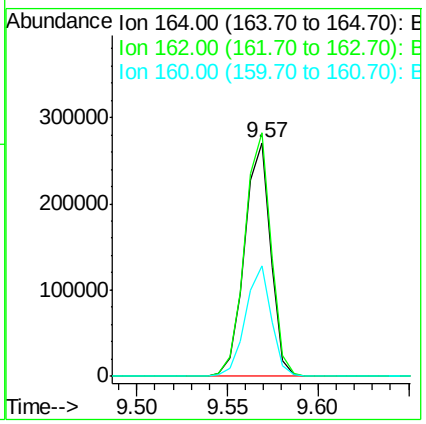


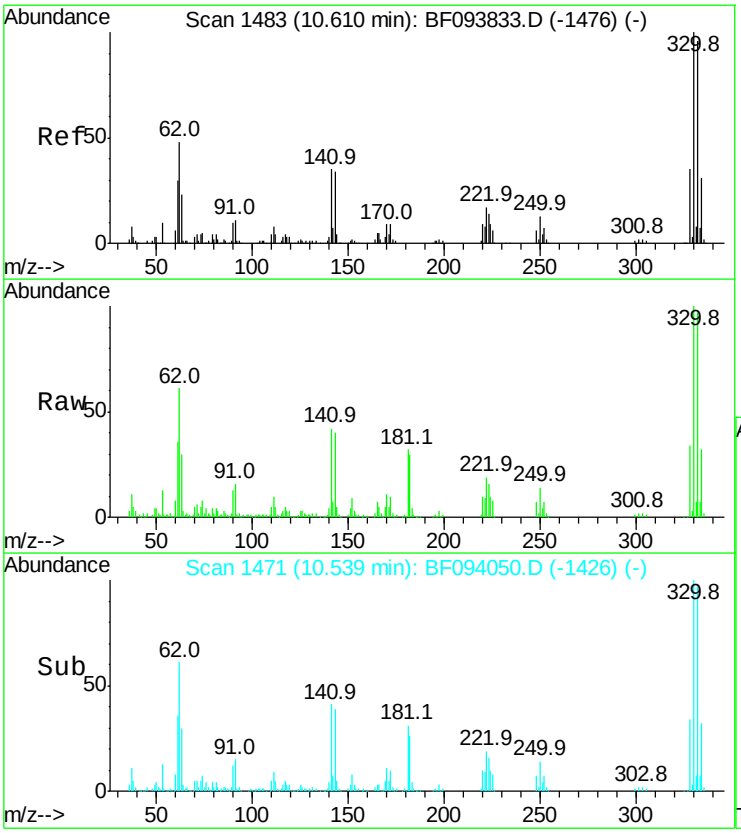
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:164 Resp: 270259

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	47.2	36.2	54.2

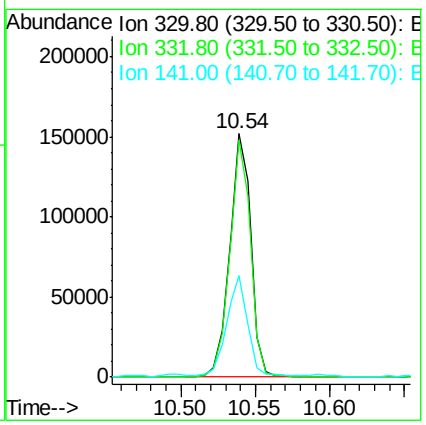


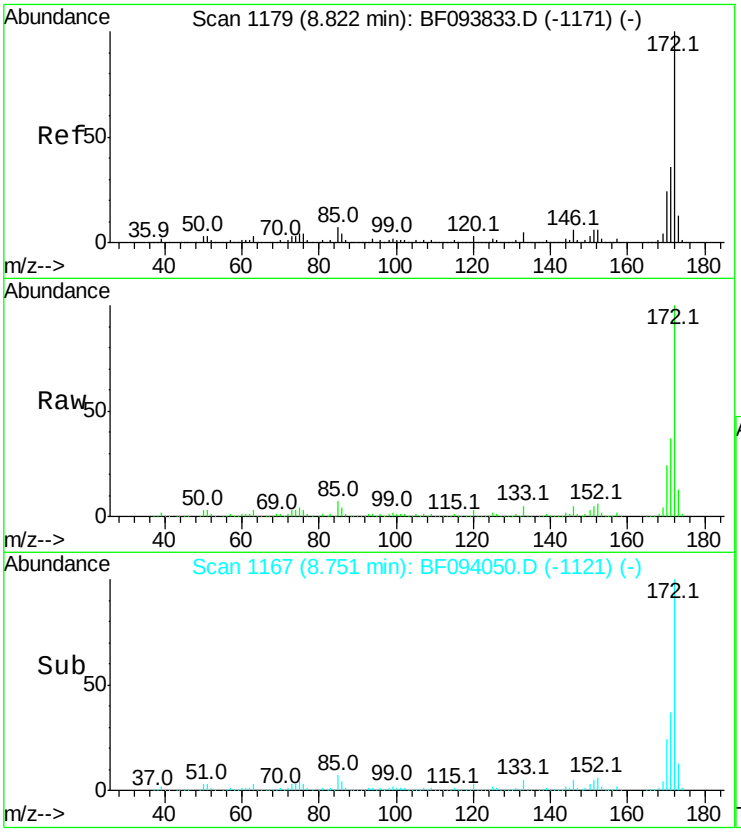


#41
2,4,6-Tribromophenol
Concen: 71.34 ng
RT: 10.54 min Scan# 1471
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:330 Resp: 152360

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	40.4	31.4	47.2



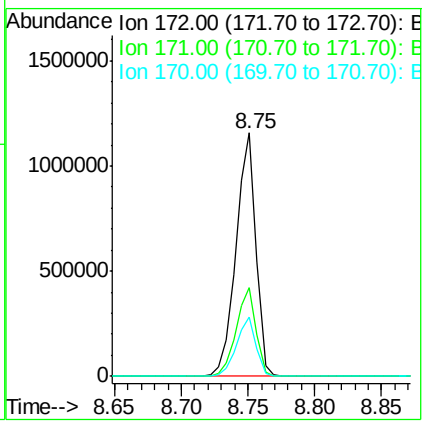


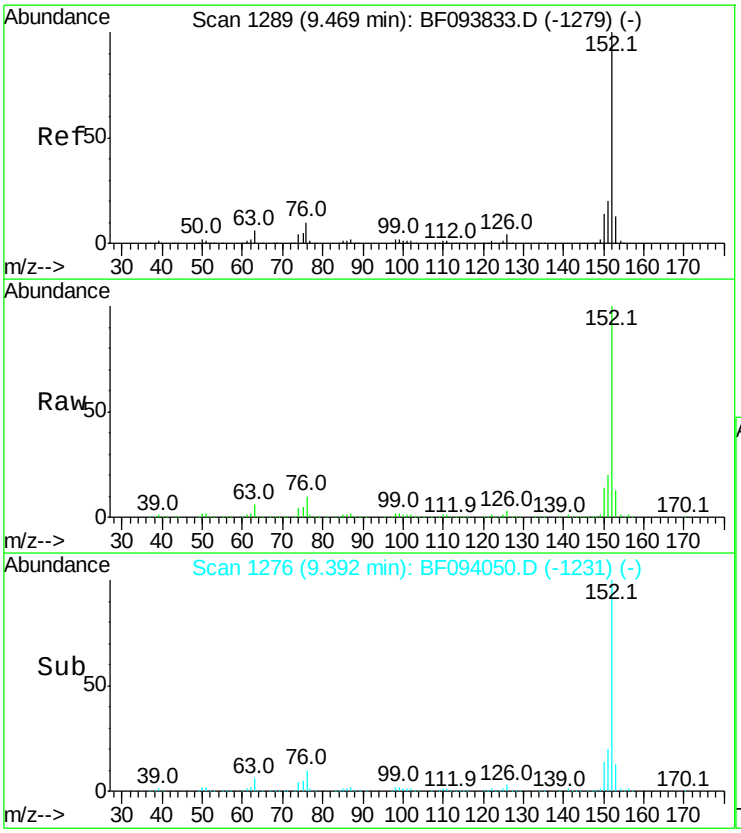
#44
2-Fluorobiphenyl
Concen: 68.00 ng
RT: 8.75 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:172 Resp: 1204879

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8

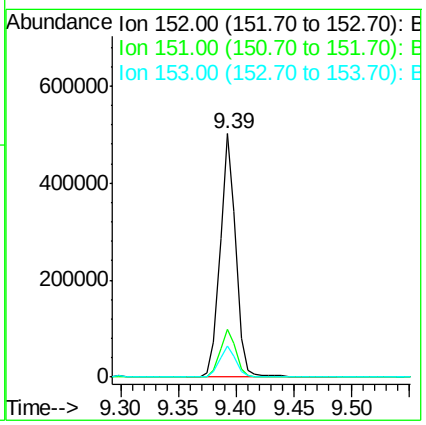


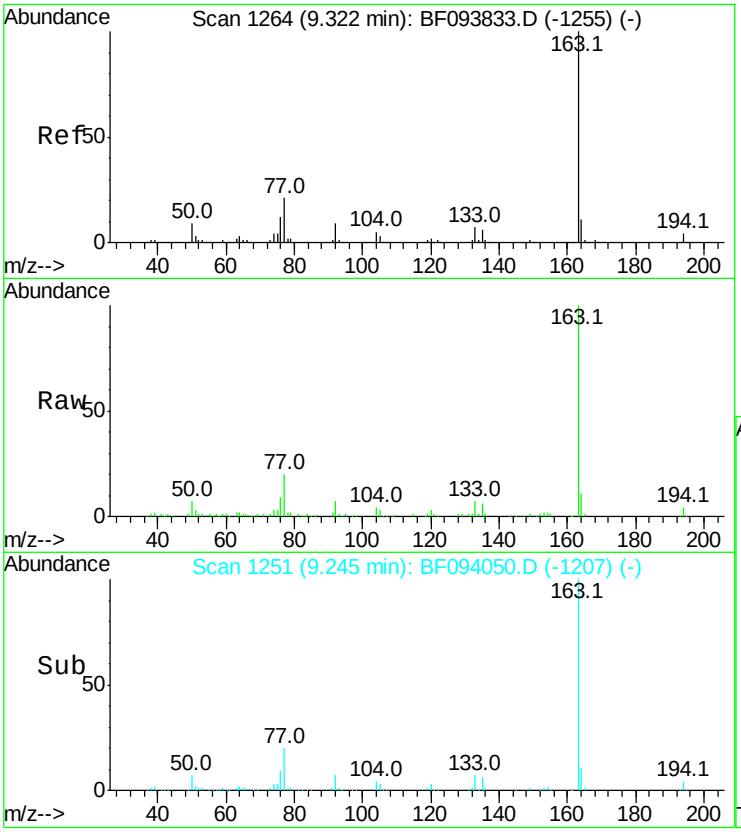


#48
Acenaphthylene
Concen: 16.57 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:152 Resp: 469906

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	12.9	10.8	16.2

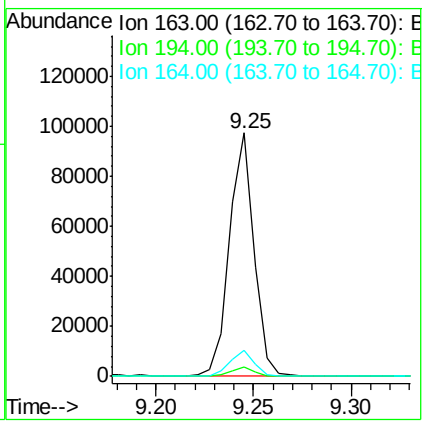




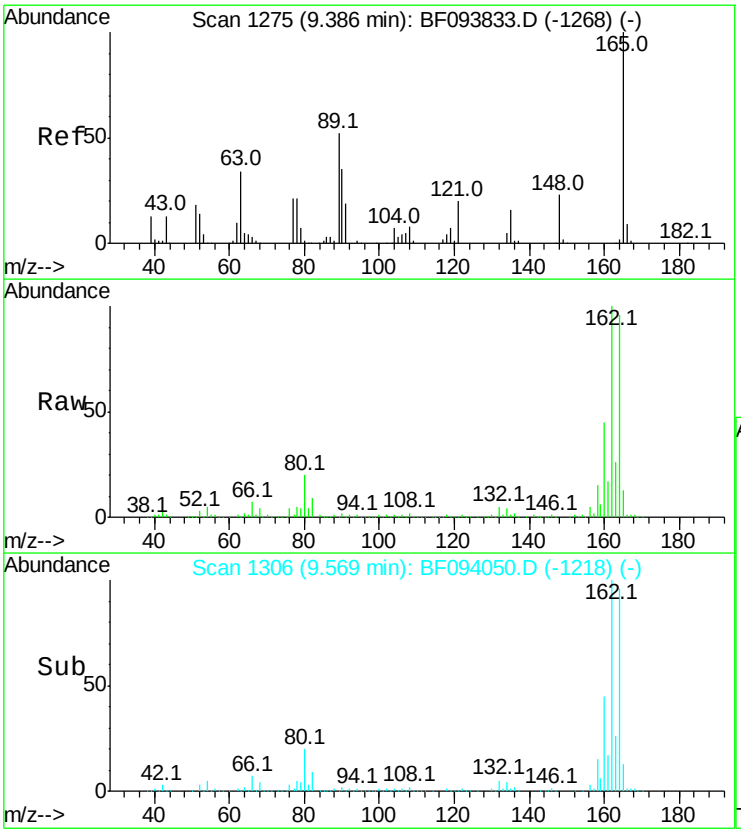
#49
Dimethylphthalate
Concen: 4.43 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:163 Resp: 85073

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.5	8.4	12.6



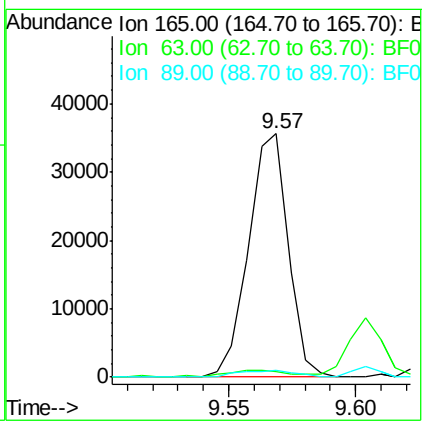
Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

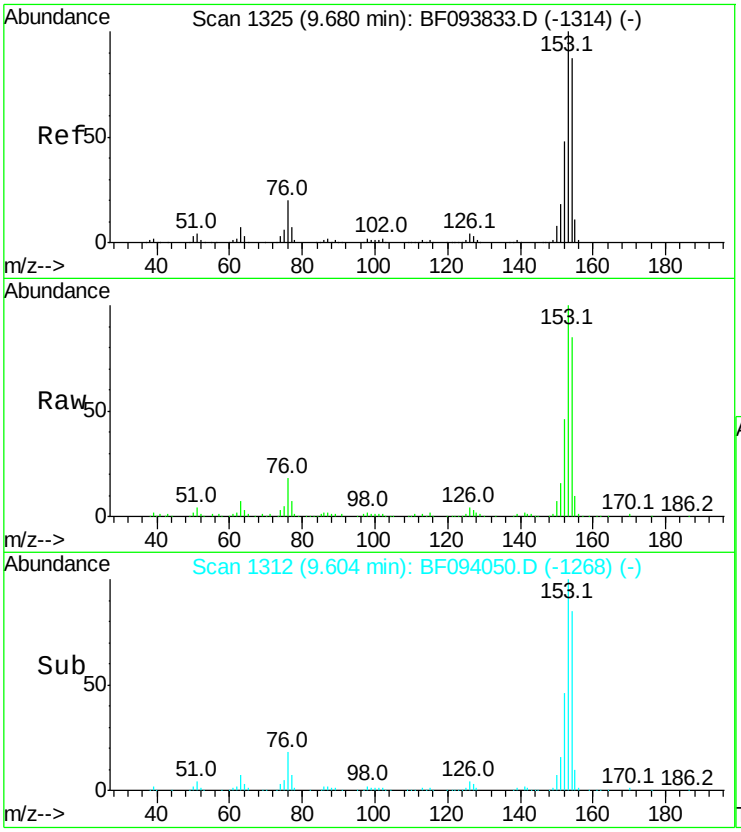


#50
2,6-Dinitrotoluene
Concen: 8.84 ng
RT: 9.57 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:165 Resp: 38947

Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.3	51.5#
89	2.7	37.1	55.7#



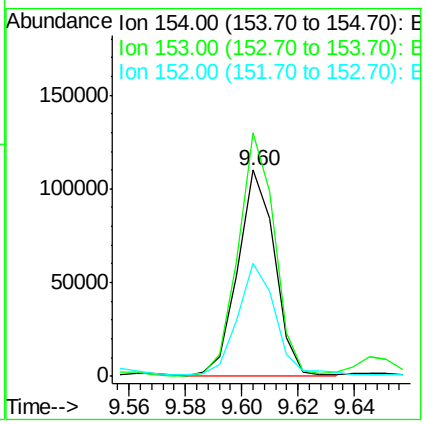


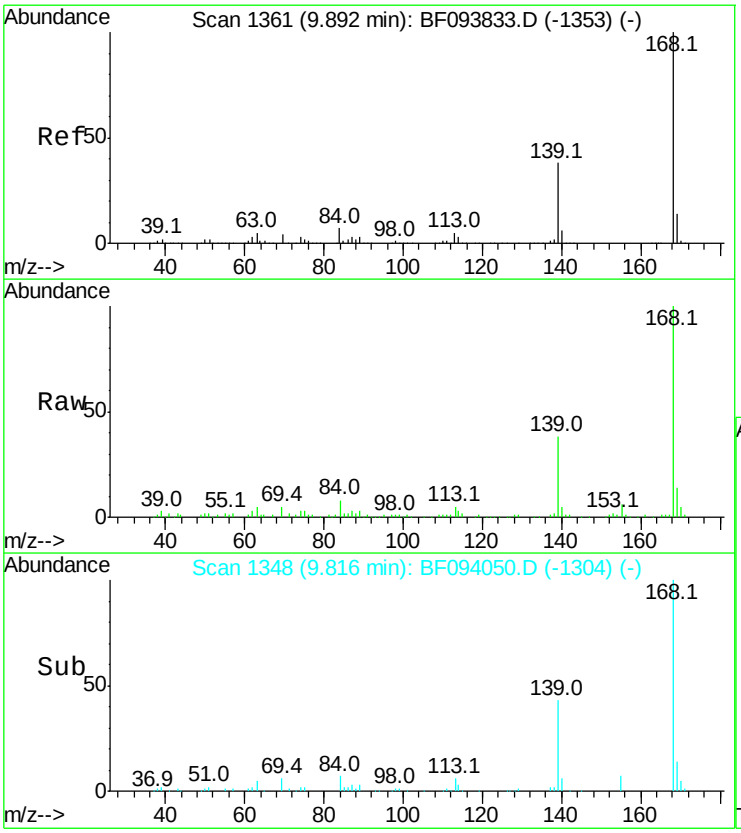
#51
Acenaphthene
Concen: 5.99 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:154 Resp: 99142

Ion	Ratio	Lower	Upper
154	100		
153	118.1	90.5	135.7
152	54.7	43.6	65.4

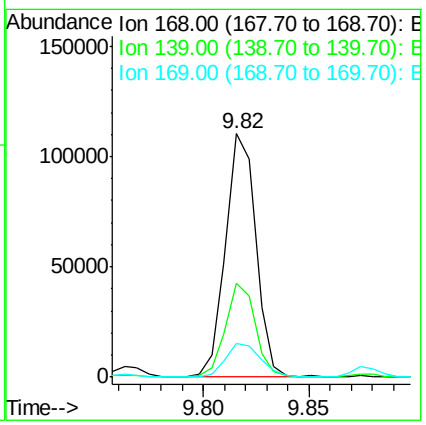


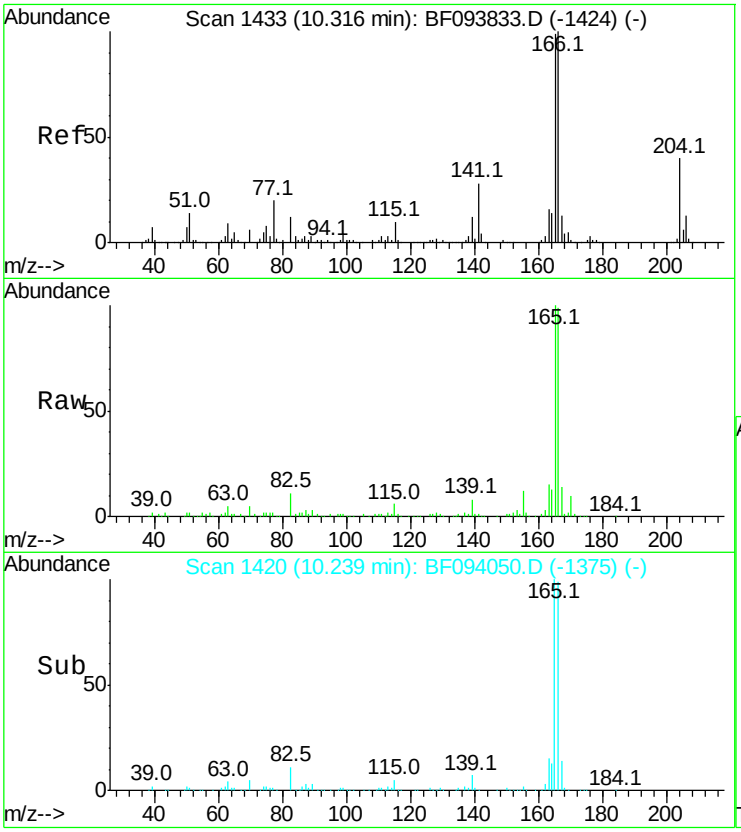


#54
Dibenzofuran
Concen: 4.87 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:168 Resp: 109660

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.6	45.8
169	13.8	10.8	16.2



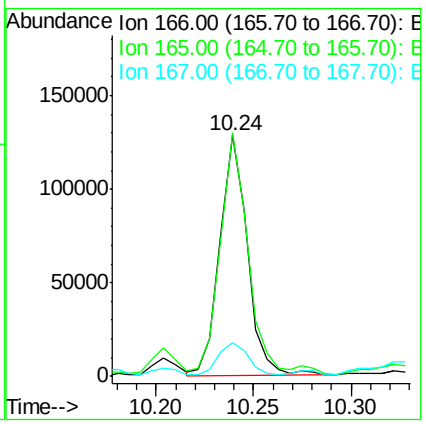


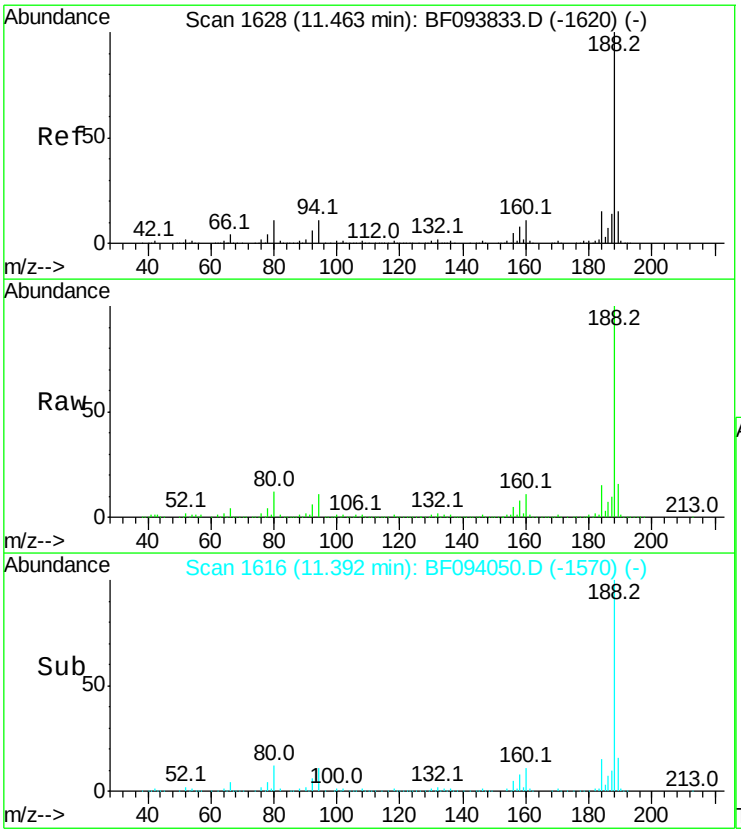
#57
Fluorene
Concen: 6.76 ng
RT: 10.24 min Scan# 1420
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:166 Resp: 126256

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.8	118.2
167	14.2	10.6	16.0

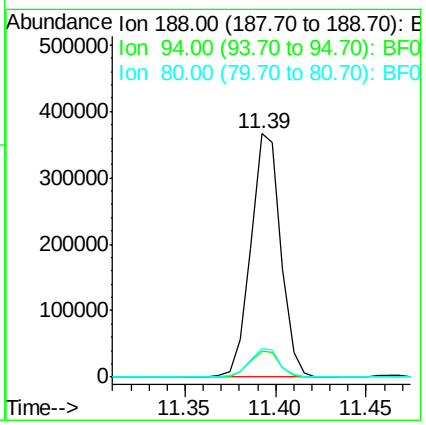


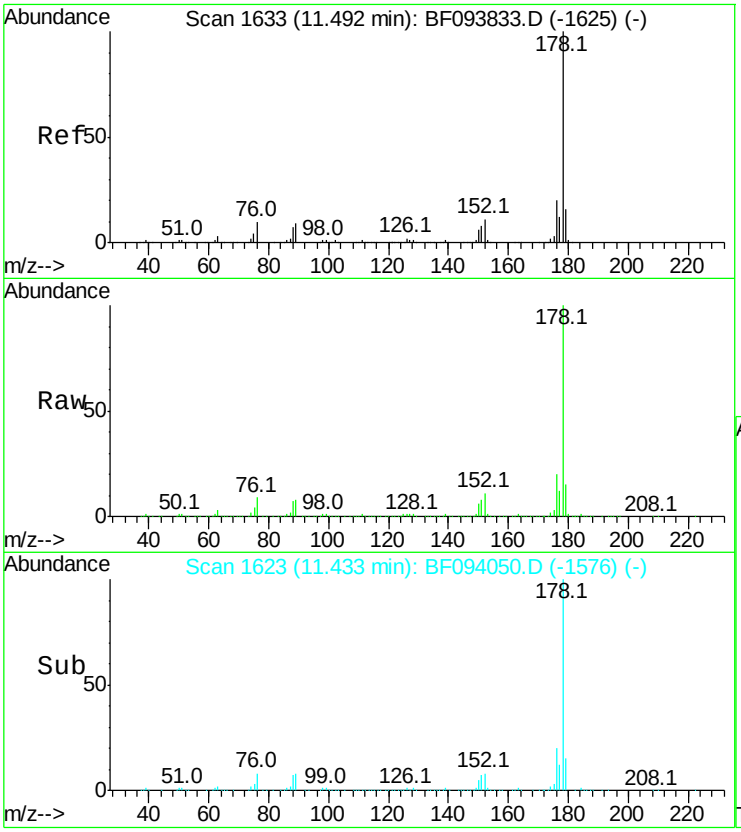


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:188 Resp: 419121

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	12.0	10.2	15.2



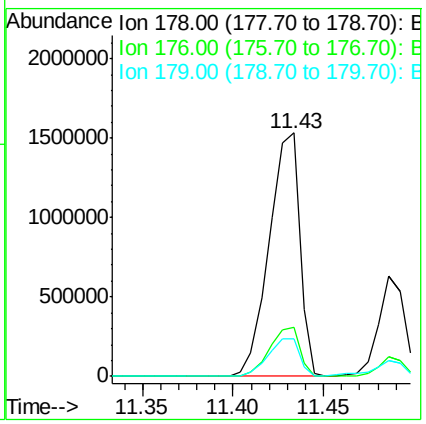


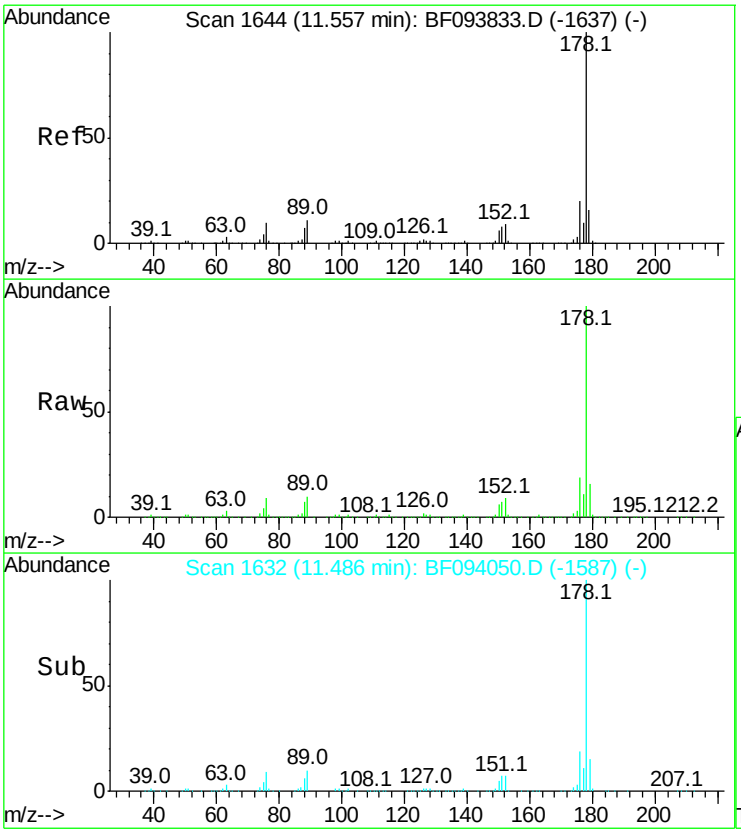
#70
Phenanthrene
Concen: 77.81 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:178 Resp: 1814009

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.4	12.6	19.0

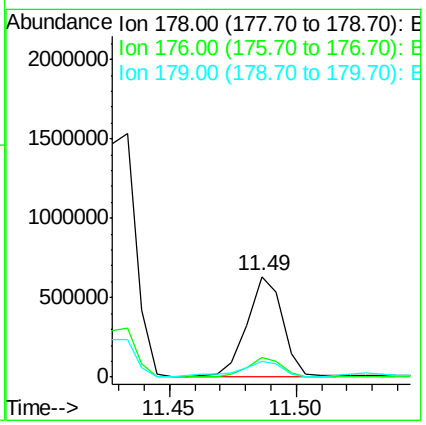


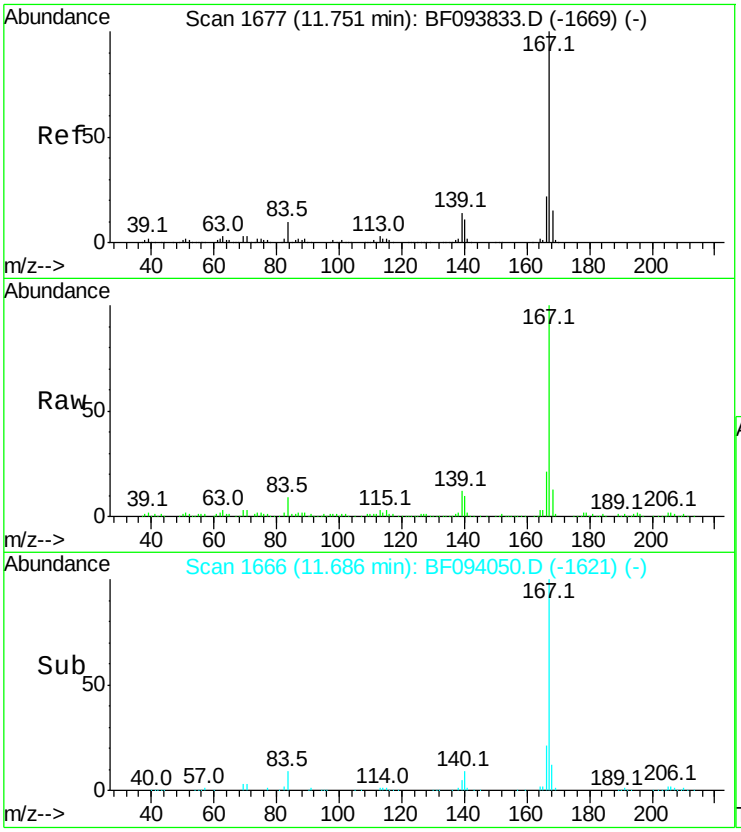


#71
Anthracene
Concen: 25.70 ng
RT: 11.49 min Scan# 1632
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:178 Resp: 616860

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.5	12.7	19.1



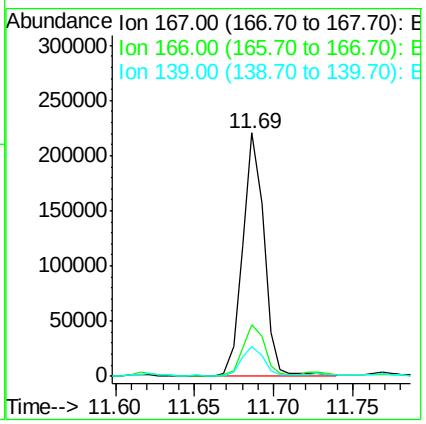


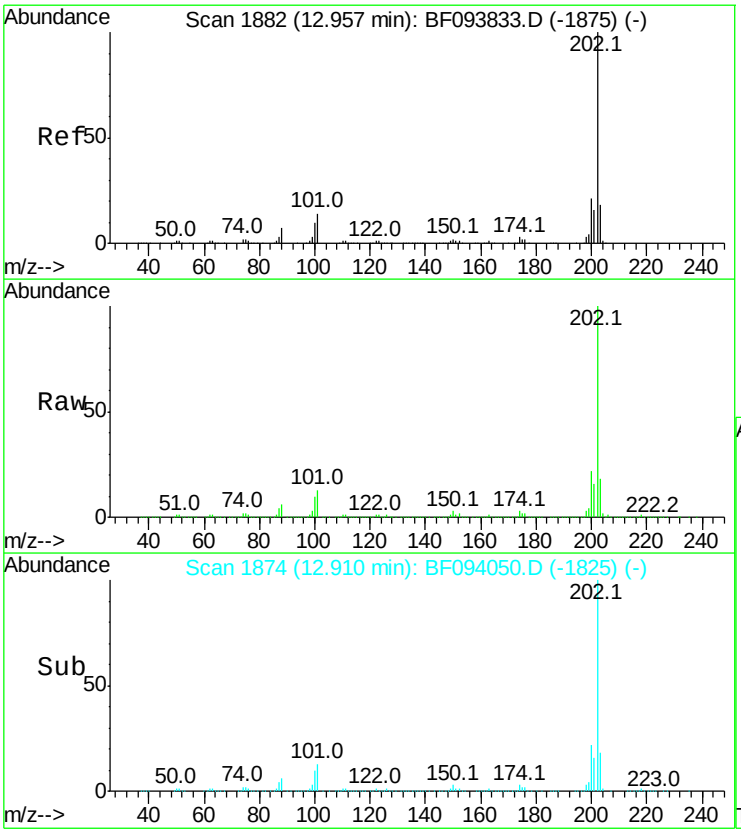
#72
Carbazole
Concen: 8.32 ng
RT: 11.69 min Scan# 1666
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:167 Resp: 204695

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.5	11.7	17.5

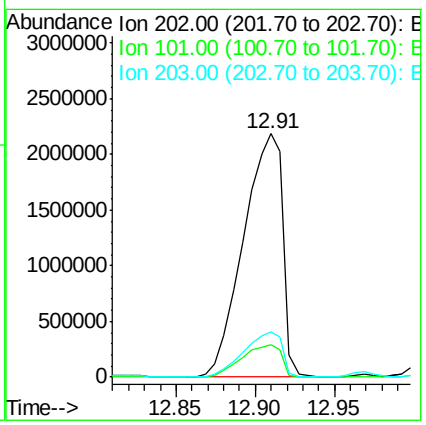


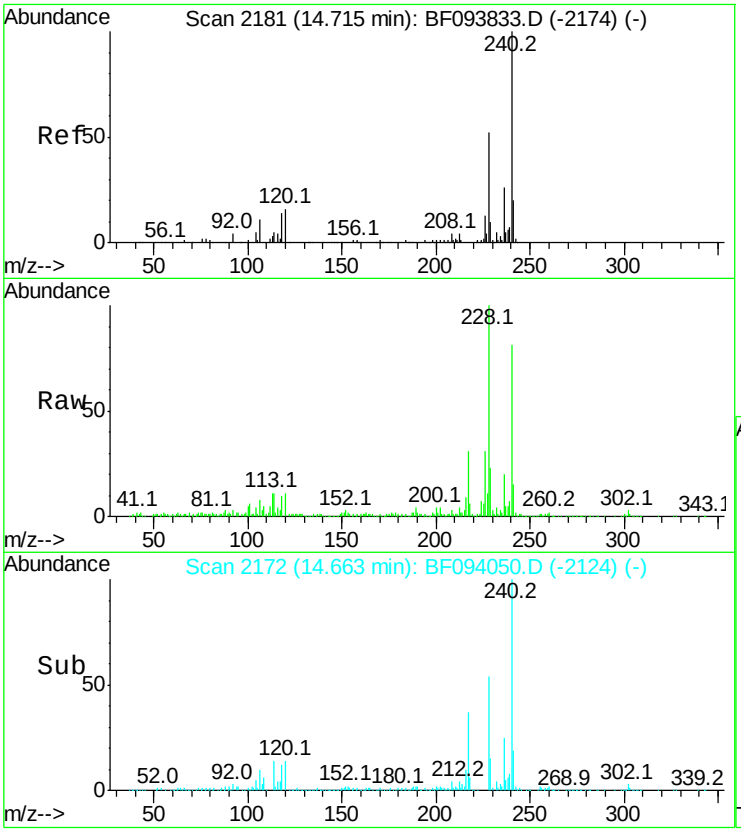


#74
Fluoranthene
Concen: 157.25 ng
RT: 12.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:202 Resp: 3754098

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	18.3	0.0	38.1



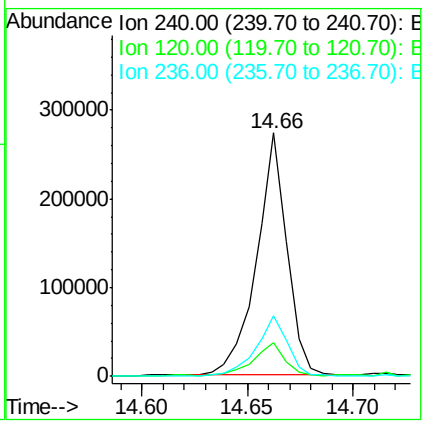


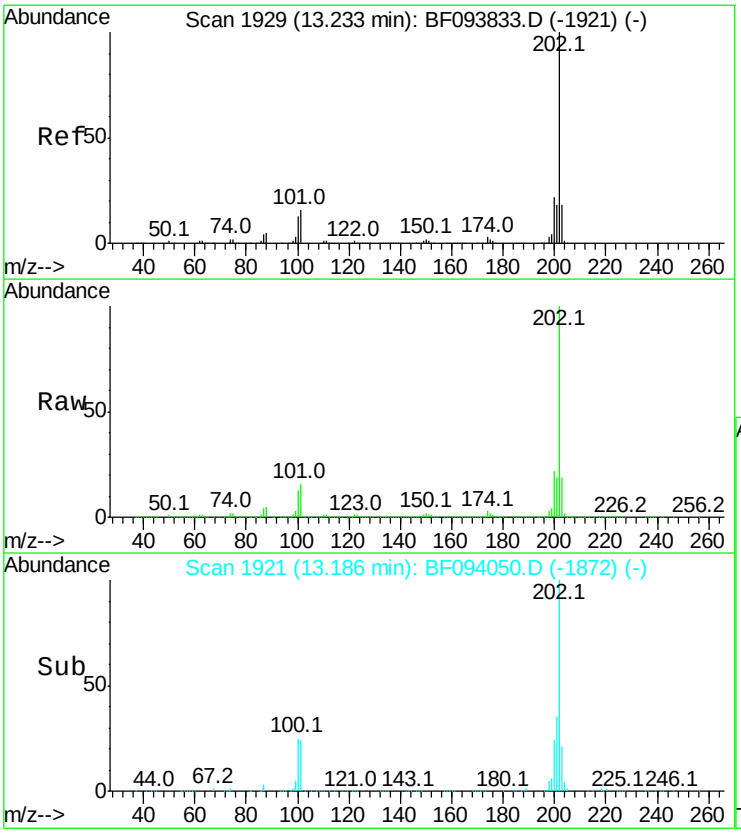
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:240 Resp: 271959

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.1	20.5	30.7

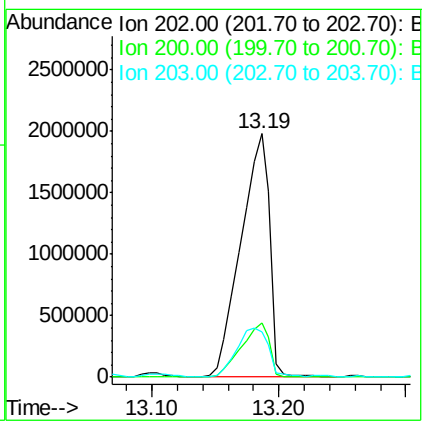


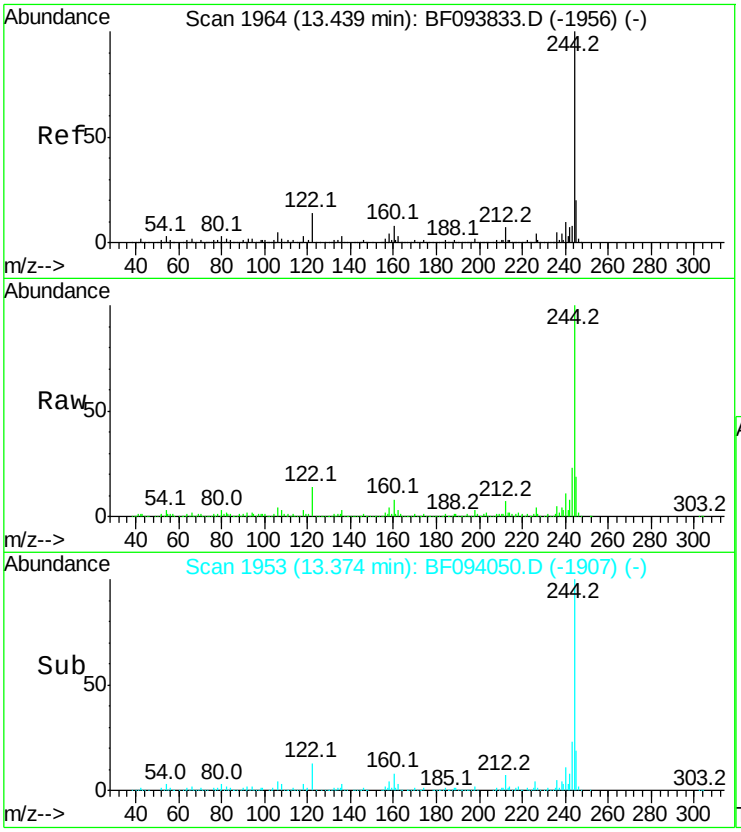


#77
Pyrene
Concen: 158.24 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:202 Resp: 3123209

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.5	14.4	21.6



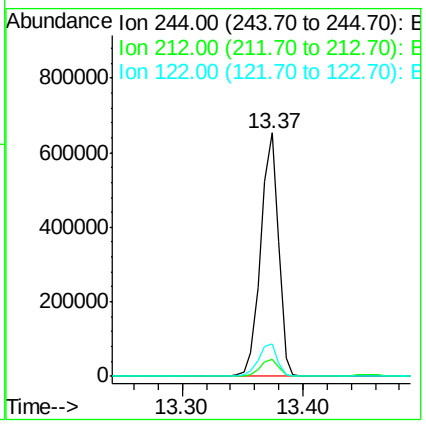


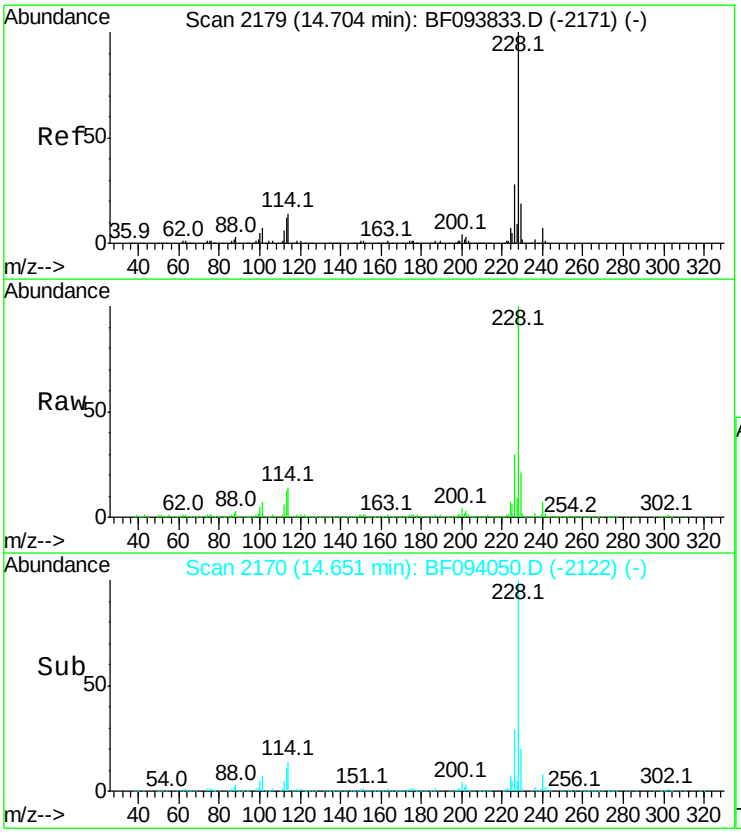
#78
Terphenyl-d14
Concen: 55.60 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:244 Resp: 674579

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.5	10.3	15.5

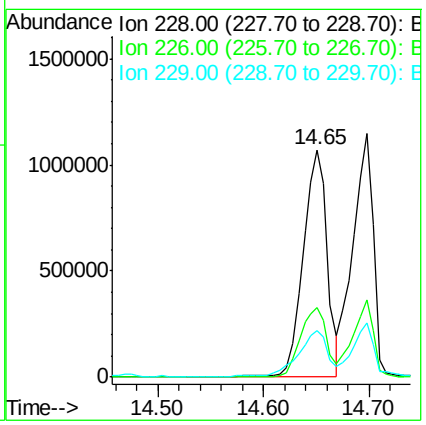


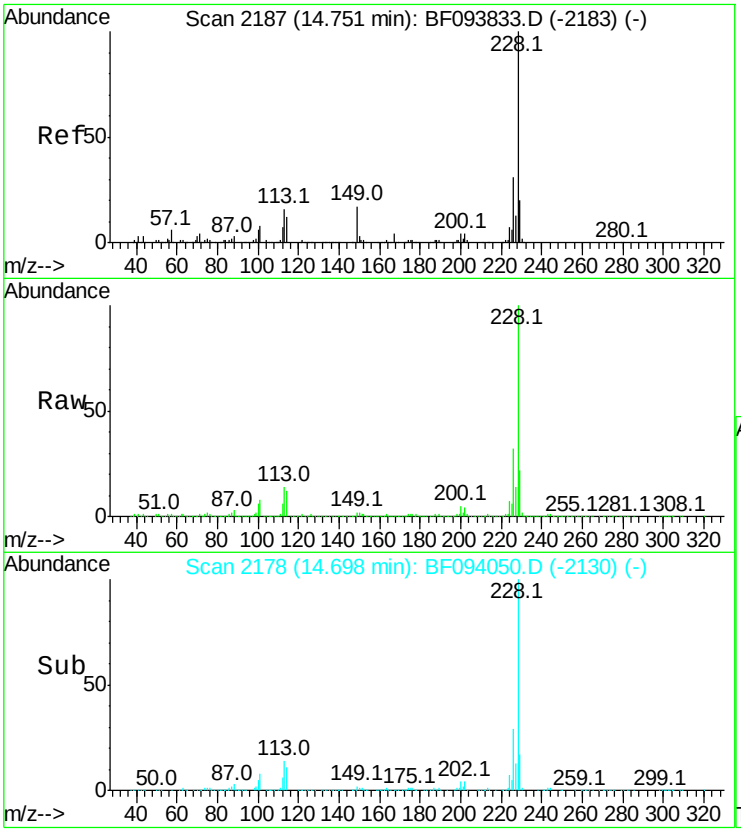


#80
Benzo(a)anthracene
Concen: 105.96 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:228 Resp: 1680327

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	20.5	16.3	24.5



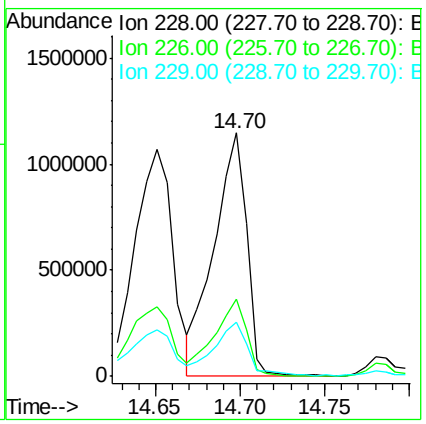


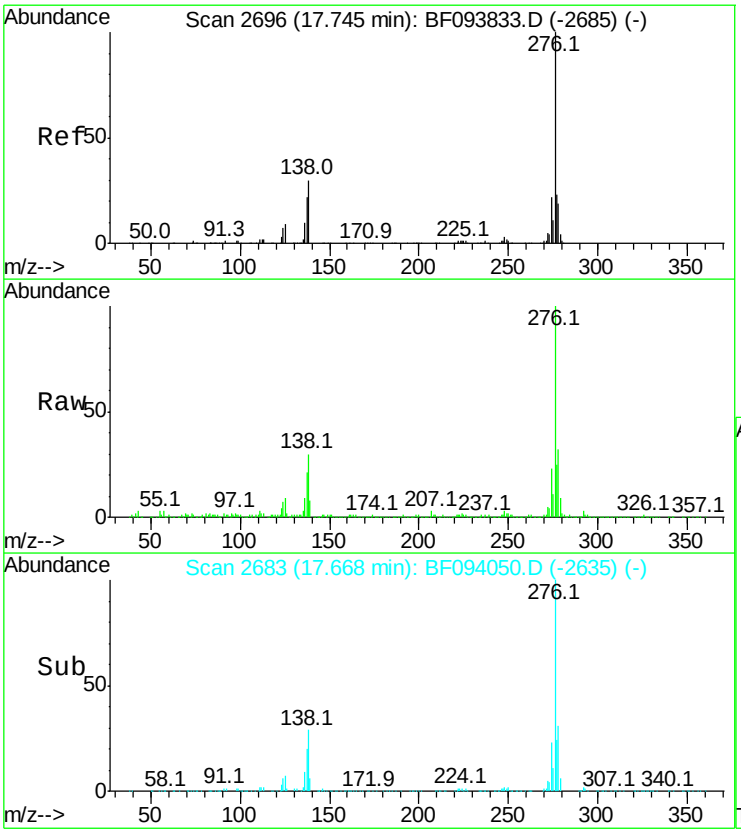
#82
Chrysene
Concen: 104.10 ng
RT: 14.70 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:228 Resp: 1532020

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	22.2	15.8	23.6

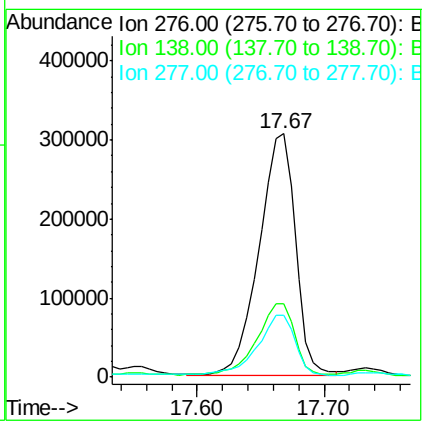


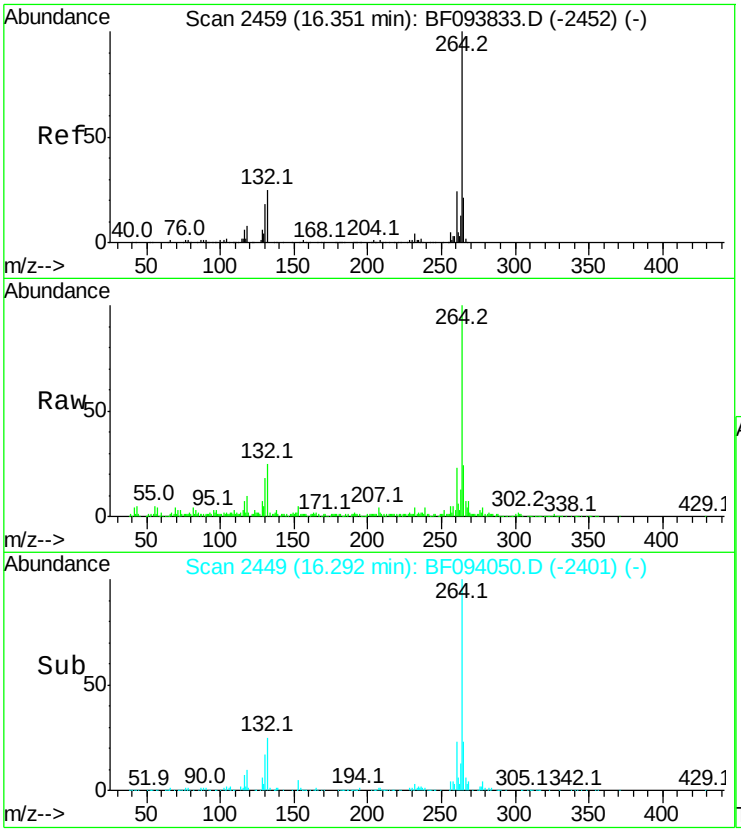


#85
Indeno(1,2,3-cd)pyrene
Concen: 47.99 ng
RT: 17.67 min Scan# 2683
Delta R.T. -0.02 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:276 Resp: 611695

Ion	Ratio	Lower	Upper
276	100		
138	31.2	27.8	41.6
277	25.6	20.2	30.4



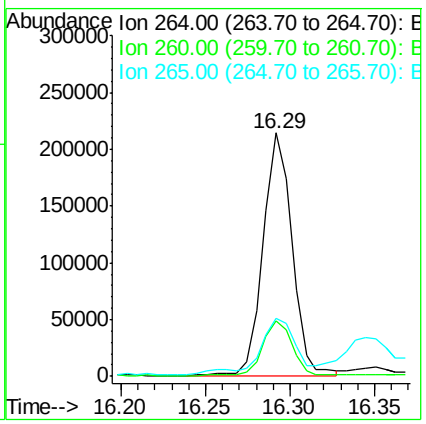


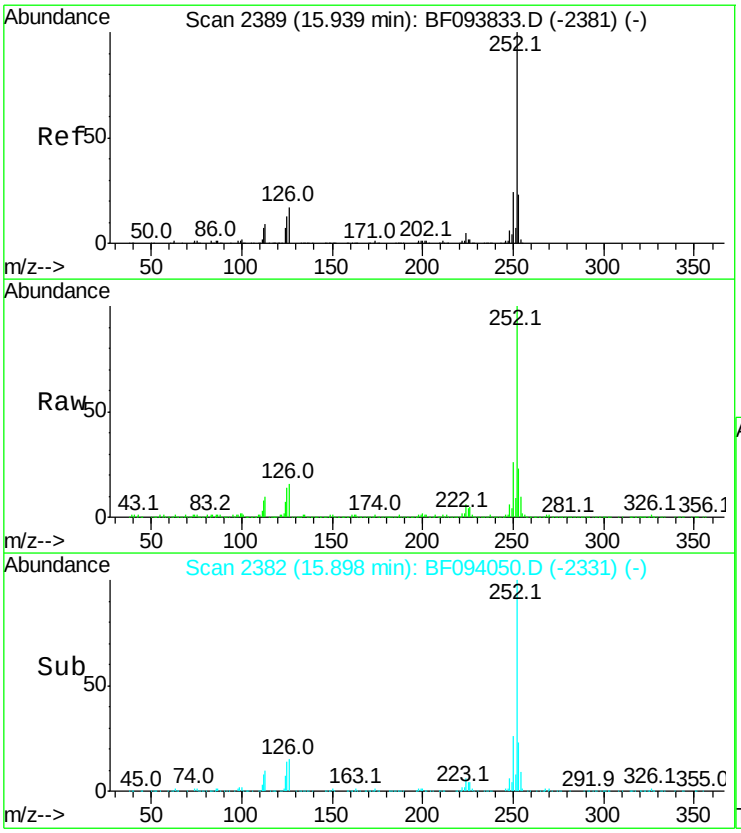
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:264 Resp: 253913

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	23.6	17.2	25.8

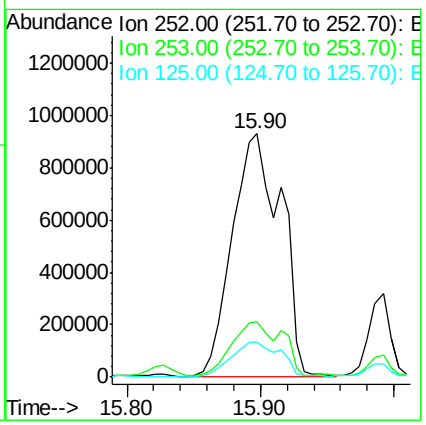


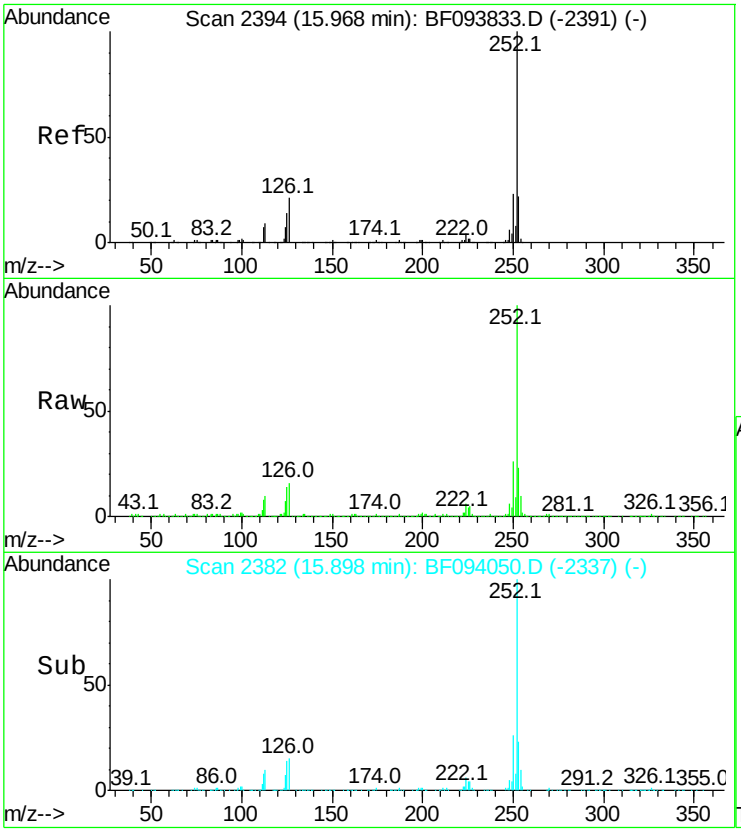


#87
Benzo(b)fluoranthene
Concen: 151.31 ng
RT: 15.90 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:252 Resp: 2355039

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	14.4	9.8	14.8



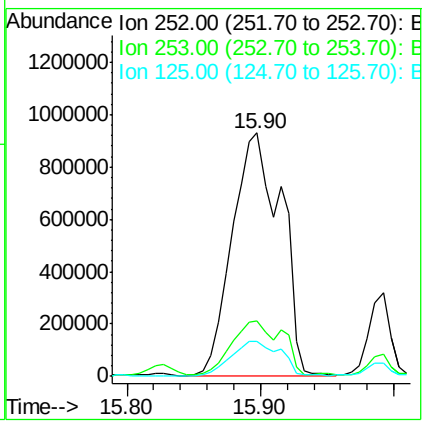


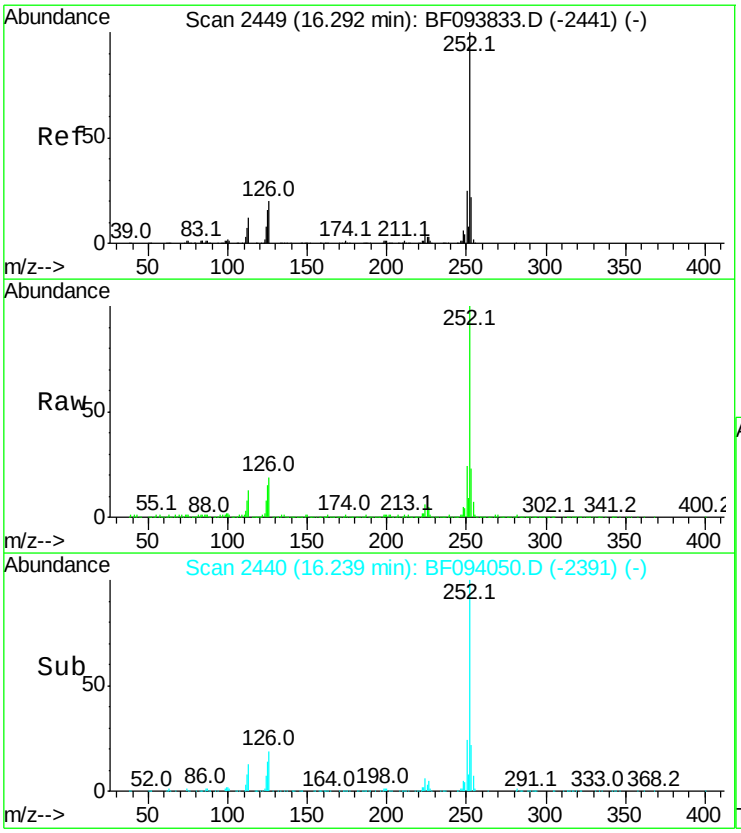
#88
Benzo(k)fluoranthene
Concen: 154.65 ng
RT: 15.90 min Scan# 2382
Delta R.T. -0.04 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:252 Resp: 2355039

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	14.4	13.1	19.7

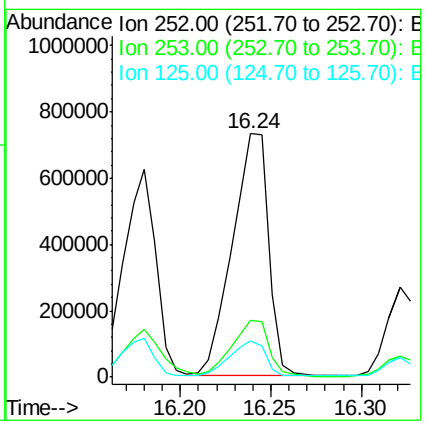


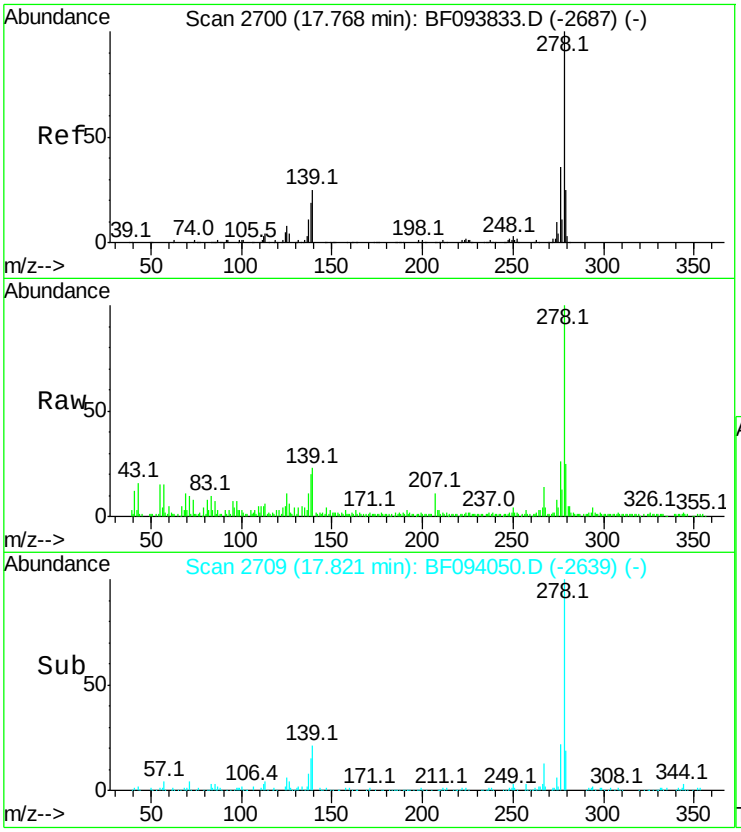


#89
Benzo(a)pyrene
Concen: 70.73 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:252 Resp: 1013736

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.7	11.0	16.4



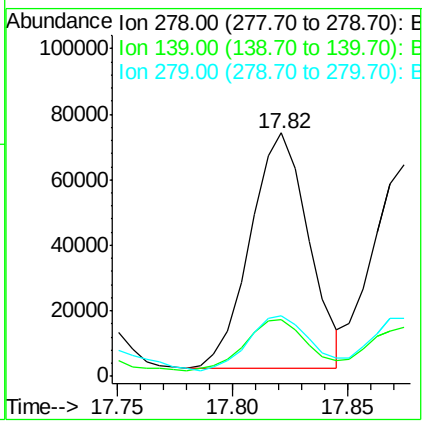


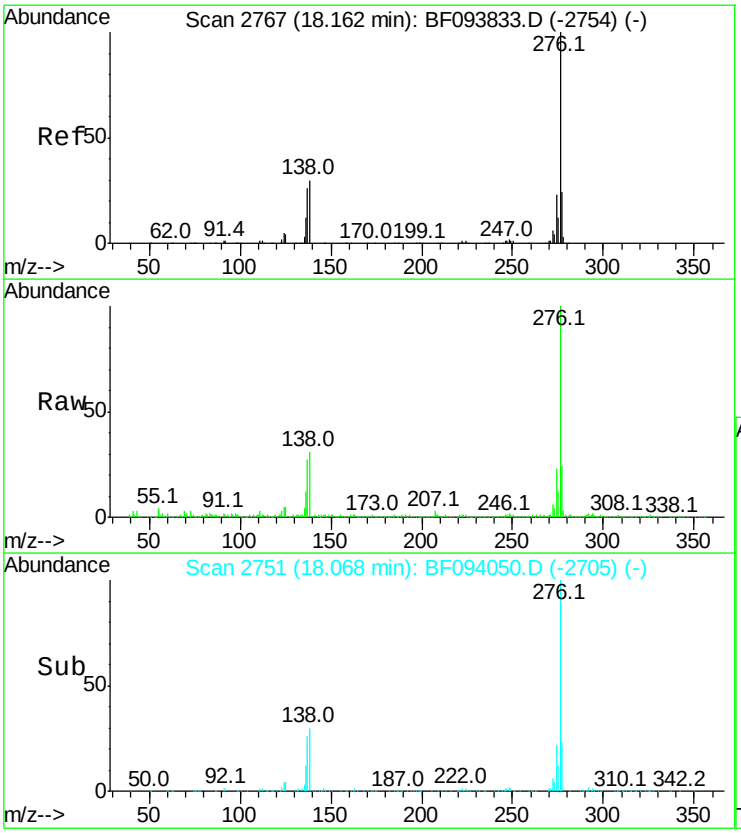
#90
Dibenzo(a,h)anthracene
Concen: 10.39 ng
RT: 17.82 min Scan# 2709
Delta R.T. 0.11 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
E2-P12-BASE

Tgt Ion:278 Resp: 126083

Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	24.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 42.36 ng
RT: 18.07 min Scan# 2751
Delta R.T. -0.03 min
Lab File: BF094050.D
Acq: 30 Mar 2017 7:40

Tgt Ion:276 Resp: 518203

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	31.1	25.4	38.0