Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094148.D
Acq On : 4 Apr 2017 5:13
Operator : SJ/MA
Sample : I2510-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-P11-BASE

Quant Time: Apr 04 05:59:08 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	166518	20.00	ng		-0.02
21) Naphthalene-d8	7.39	136	638162	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	249343	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	364082	20.00	ng		-0.02
75) Chrysene-d12	14.62	240	311875	20.00	ng		-0.01
86) Perylene-d12	16.25	264	231614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.42	112	869446	88.19	ng		-0.01
7) Phenol-d6	5.50	99	1082680	88.77	ng		-0.01
23) Nitrobenzene-d5	6.53	82	608301	54.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	151023	76.65	ng		-0.02
44) 2-Fluorobiphenyl	8.72	172	1176215	71.95	ng		-0.02
78) Terphenyl-d14	13.34	244	746192	53.63	ng		-0.01
Target Compounds							Qvalue
6) Aniline	5.59	93	36536	2.15	ng	#	53
11) bis(2-Chloroethyl)ether	5.59	93	36536	3.37	ng		95
13) 1,4-Dichlorobenzene	6.08	146	30673	2.49	ng		96
14) 1,2-Dichlorobenzene	6.08	146	30673	2.71	ng		96
19) n-Nitroso-di-n-propylamine	6.53	70	78325	9.99	ng	#	78
31) Naphthalene	7.42	128	152068	4.96	ng		98
37) 2-Methylnaphthalene	8.26	142	62565	3.06	ng		98
48) Acenaphthylene	9.36	152	175669	6.71	ng		97
49) Dimethylphthalate	9.21	163	115251	6.50	ng		99
70) Phenanthrene	11.39	178	278824	13.77	ng		98
71) Anthracene	11.45	178	128532	6.16	ng		98
74) Fluoranthene	12.85	202	577753	27.86	ng		99
77) Pyrene	13.13	202	661982	29.25	ng		98
80) Benzo(a)anthracene	14.64	228	341531	18.78	ng		96
82) Chrysene	14.64	228	341531	20.24	ng		97
85) Indeno(1,2,3-cd)pyrene	17.59	276	191844	13.13	ng		94
87) Benzo(b)fluoranthene	15.84	252	611623	43.08	ng	#	98
88) Benzo(k)fluoranthene	15.84	252	611623	44.03	ng		98
89) Benzo(a)pyrene	16.19	252	294429	22.52	ng		95
90) Dibenzo(a,h)anthracene	17.60	278	38825	3.51	ng	#	87
91) Benzo(g,h,i)perylene	17.99	276	211058	18.91	ng		100

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

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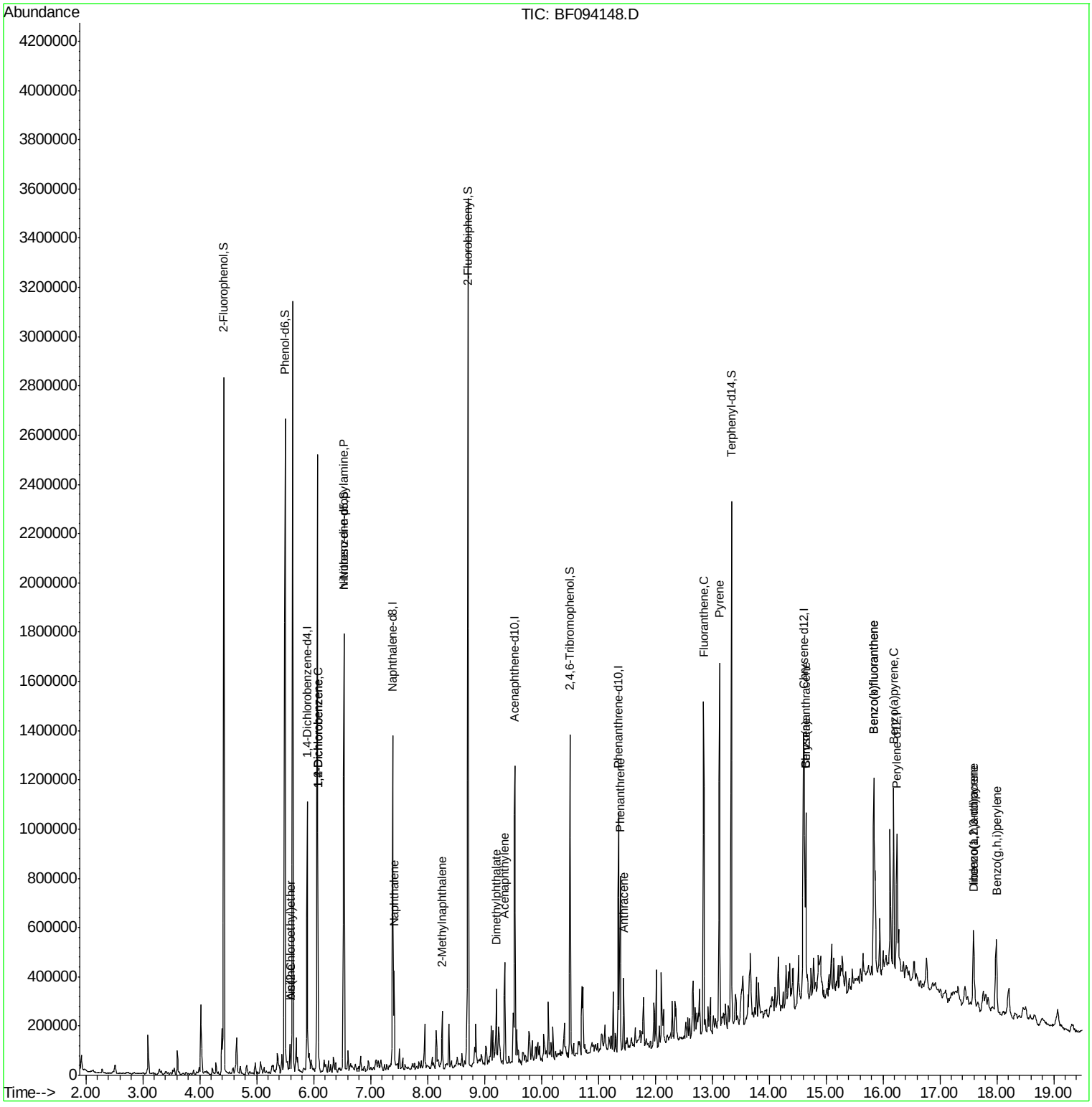
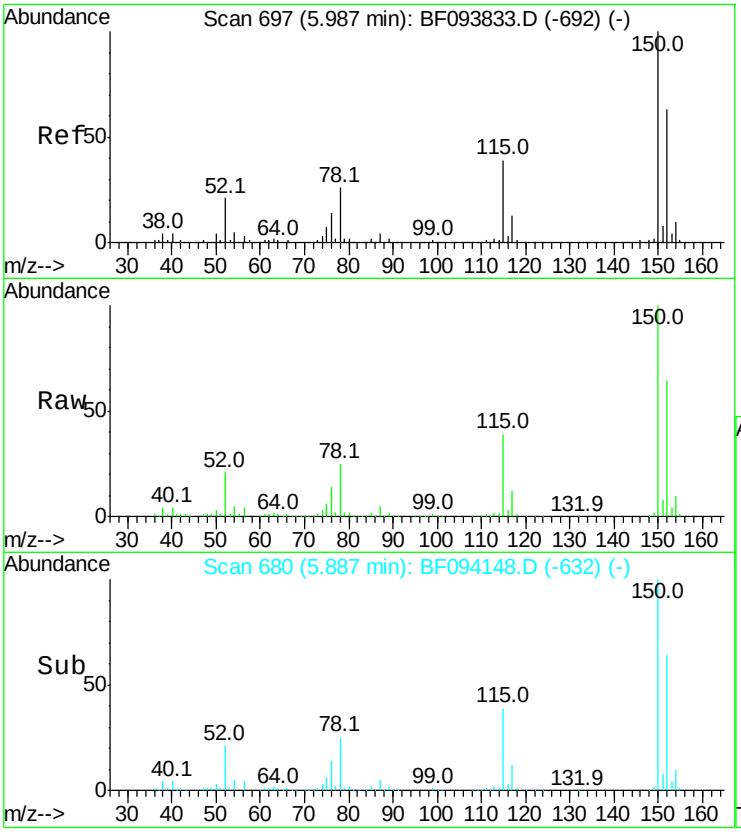


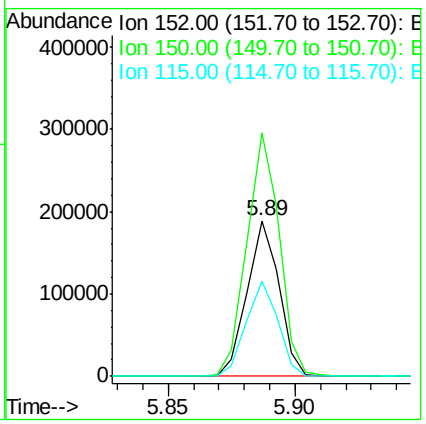


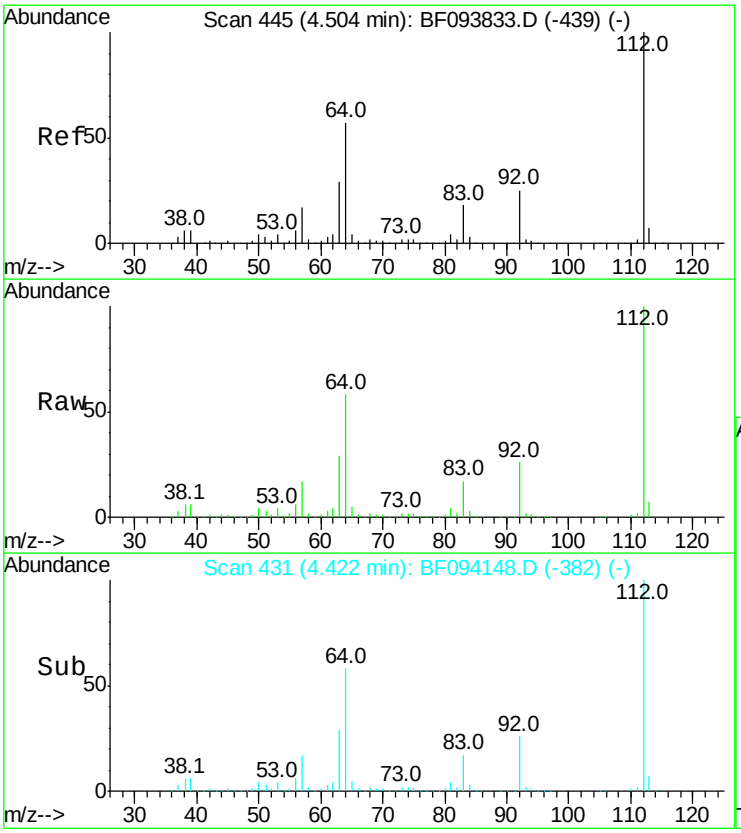
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:152 Resp: 166518

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	61.3	52.2	78.2

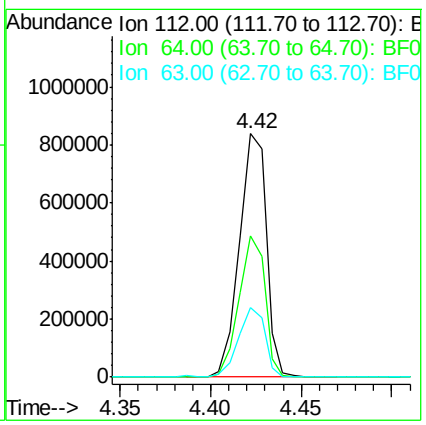


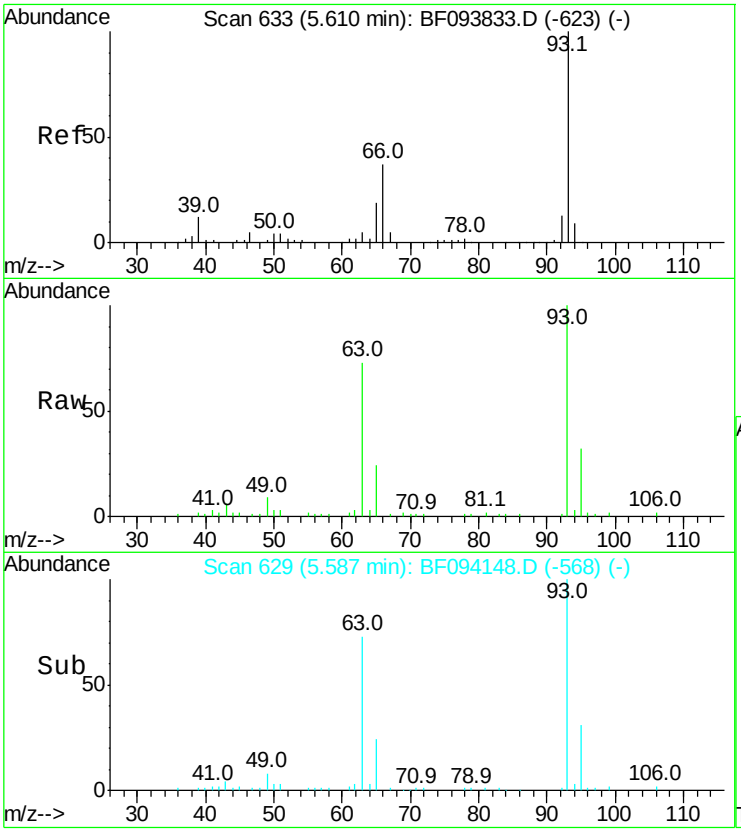


#5
2-Fluorophenol
Concen: 88.19 ng
RT: 4.42 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:112 Resp: 869446

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.0	69.0
63	28.7	23.4	35.0



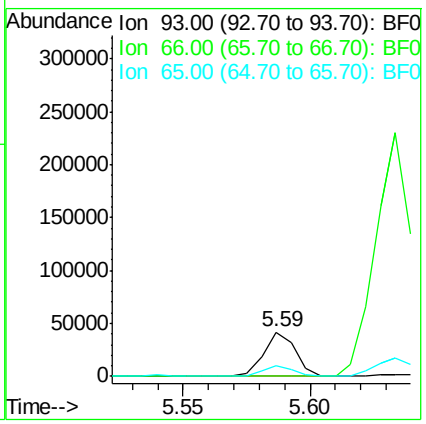


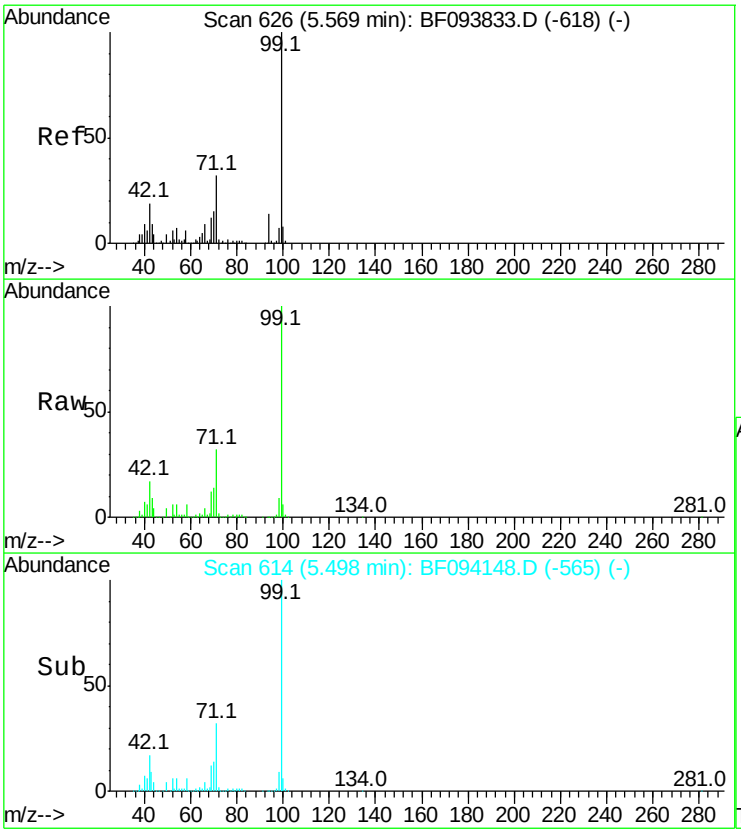
#6
Aniline
Concen: 2.15 ng
RT: 5.59 min Scan# 629
Delta R.T. 0.06 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion: 93 Resp: 36536

Ion	Ratio	Lower	Upper
93	100		
66	0.0	32.9	49.3#
65	24.5	16.0	24.0#

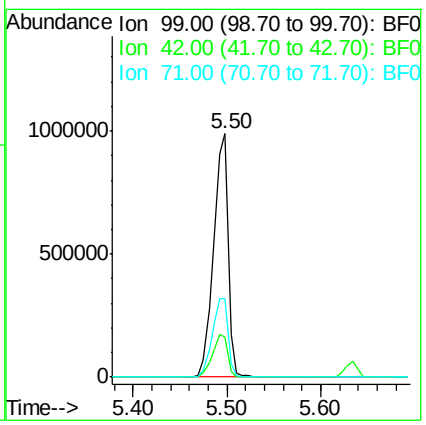


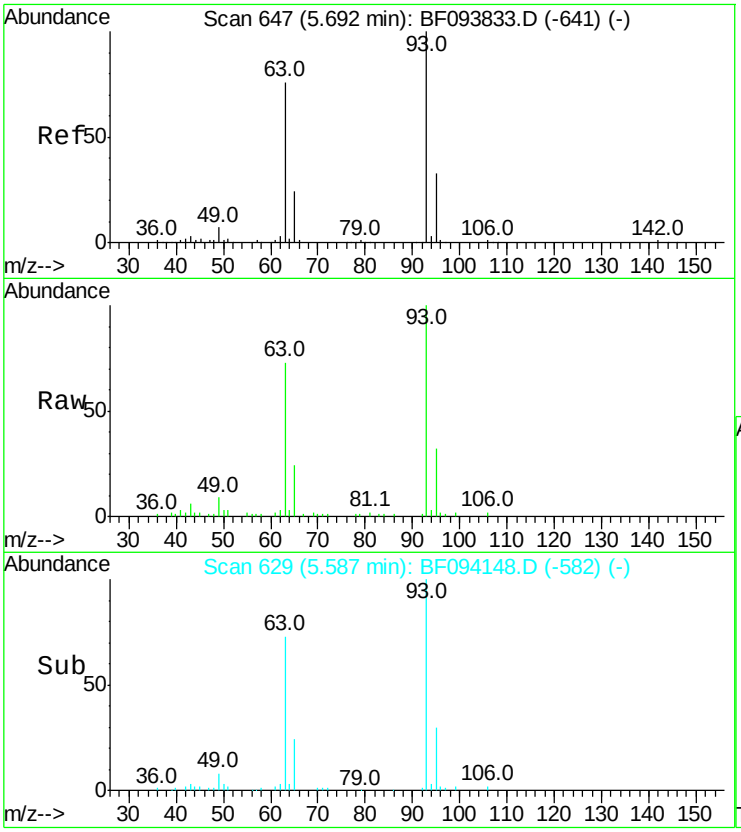


#7
Phenol-d6
Concen: 88.77 ng
RT: 5.50 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion: 99 Resp: 1082680

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	32.5	24.5	36.7



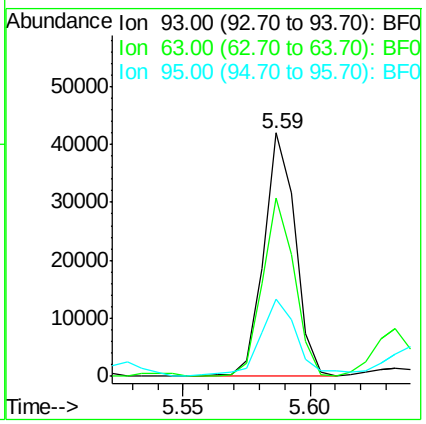


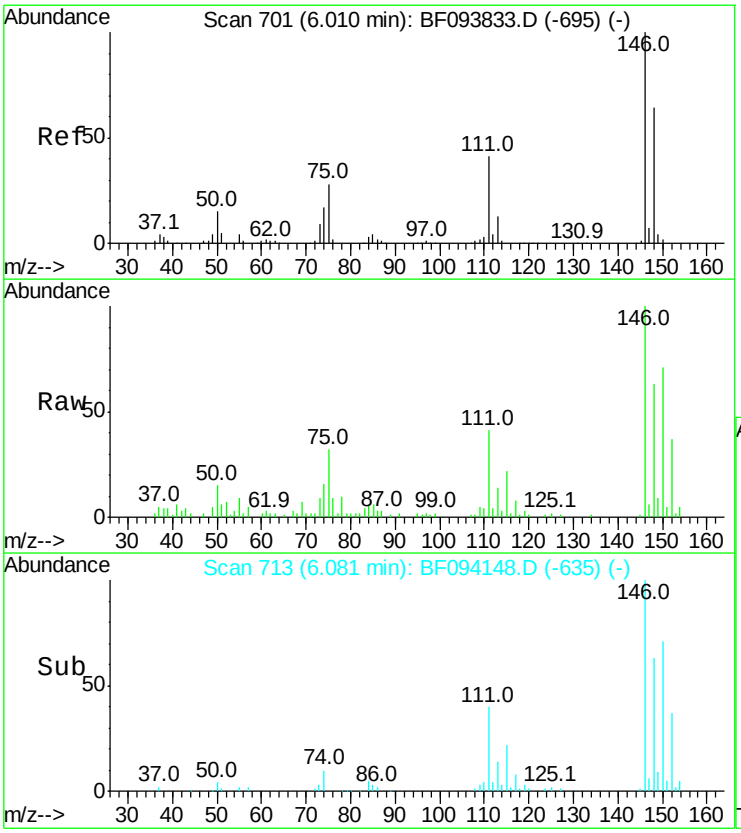
#11
bis(2-Chloroethyl)ether
Concen: 3.37 ng
RT: 5.59 min Scan# 629
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion: 93 Resp: 36536

Ion	Ratio	Lower	Upper
93	100		
63	73.2	59.2	99.2
95	31.9	12.8	52.8

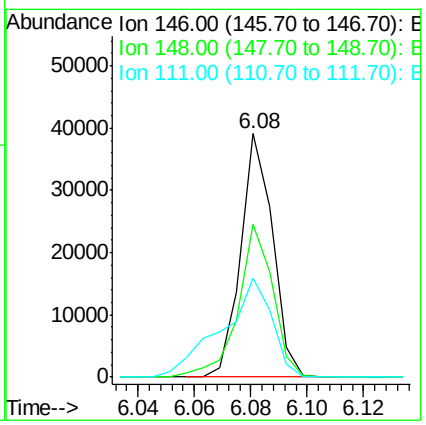


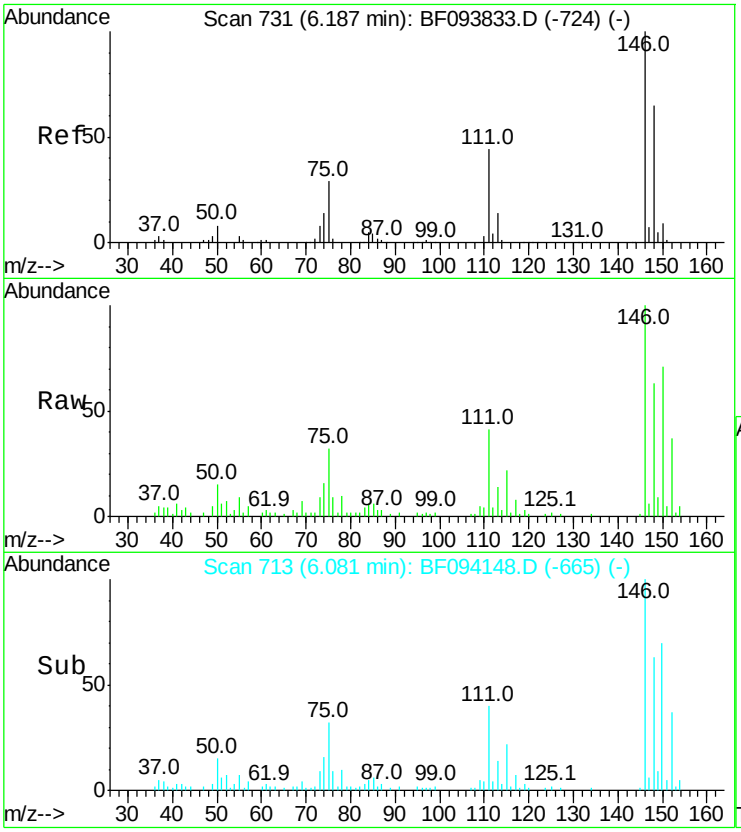


#13
1,4-Dichlorobenzene
Concen: 2.49 ng
RT: 6.08 min Scan# 713
Delta R.T. 0.16 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:146 Resp: 30673

Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	40.9	30.3	45.5



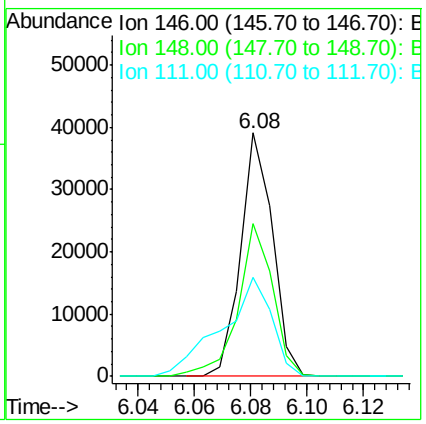


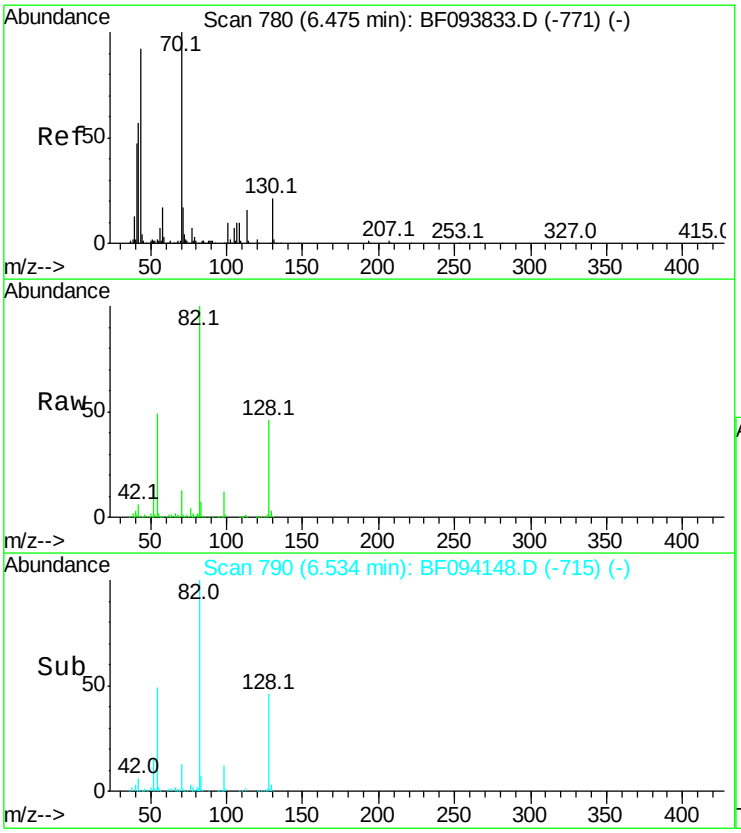
#14
1,2-Dichlorobenzene
Concen: 2.71 ng
RT: 6.08 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:146 Resp: 30673

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	40.9	38.2	57.4

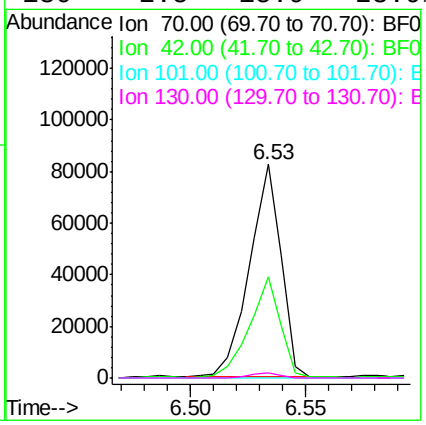


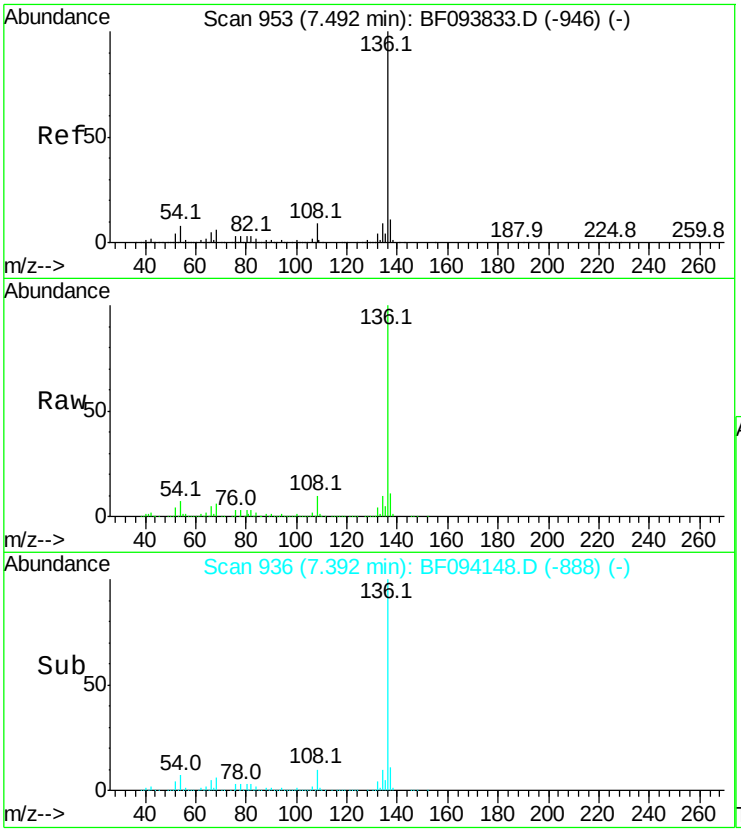


#19
n-Nitroso-di-n-propylamine
Concen: 9.99 ng
RT: 6.53 min Scan# 790
Delta R.T. 0.14 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion: 70 Resp: 78325

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



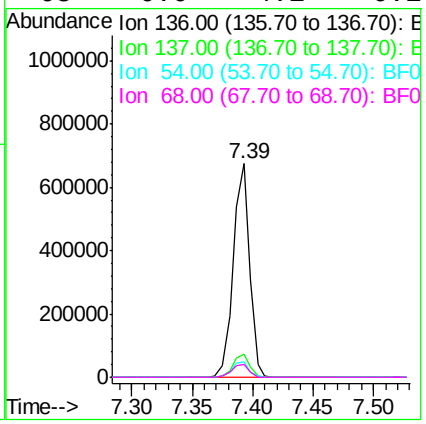


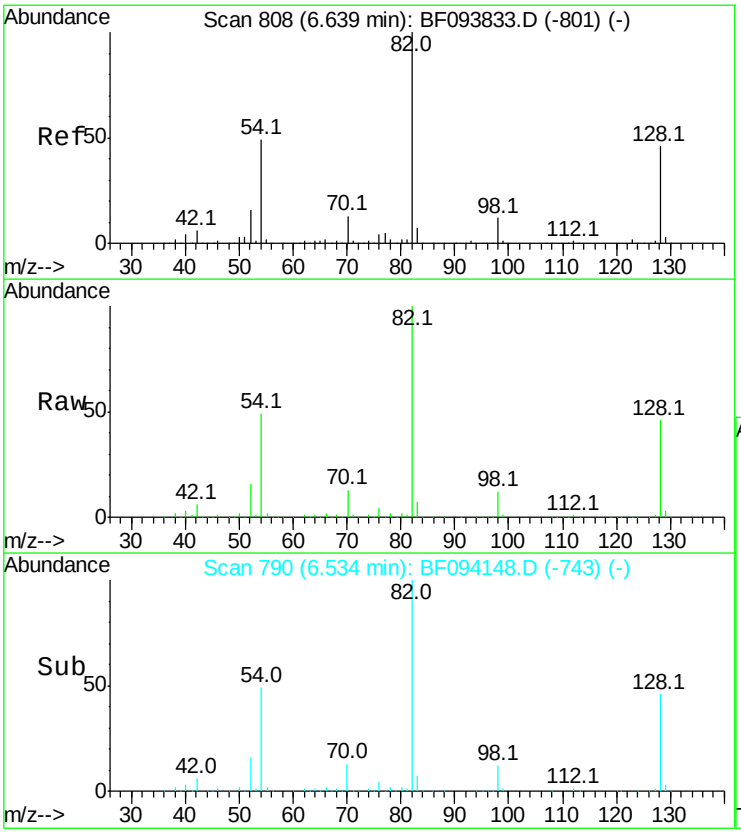
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:136 Resp: 638162

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.4	4.9	7.3#
68	6.0	4.1	6.1

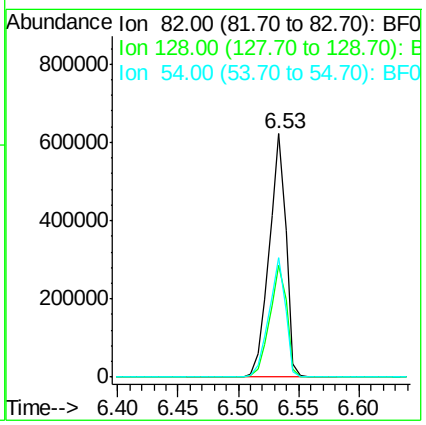


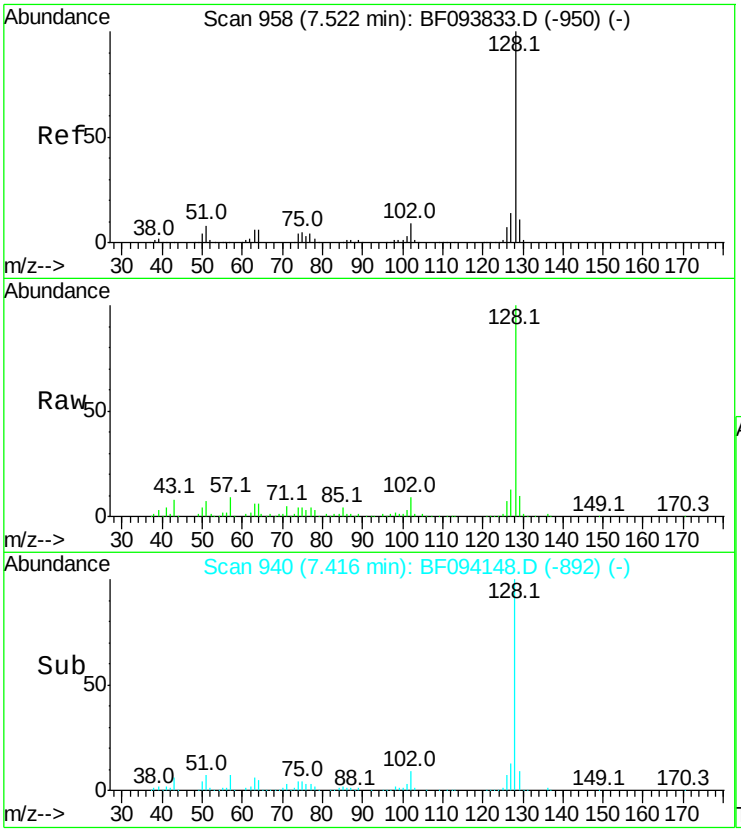


#23
Nitrobenzene-d5
Concen: 54.40 ng
RT: 6.53 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion: 82 Resp: 608301

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	49.0	42.2	63.2



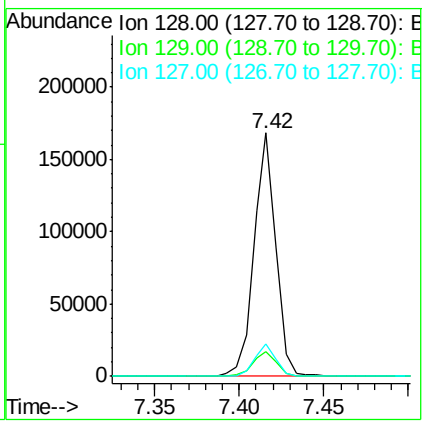


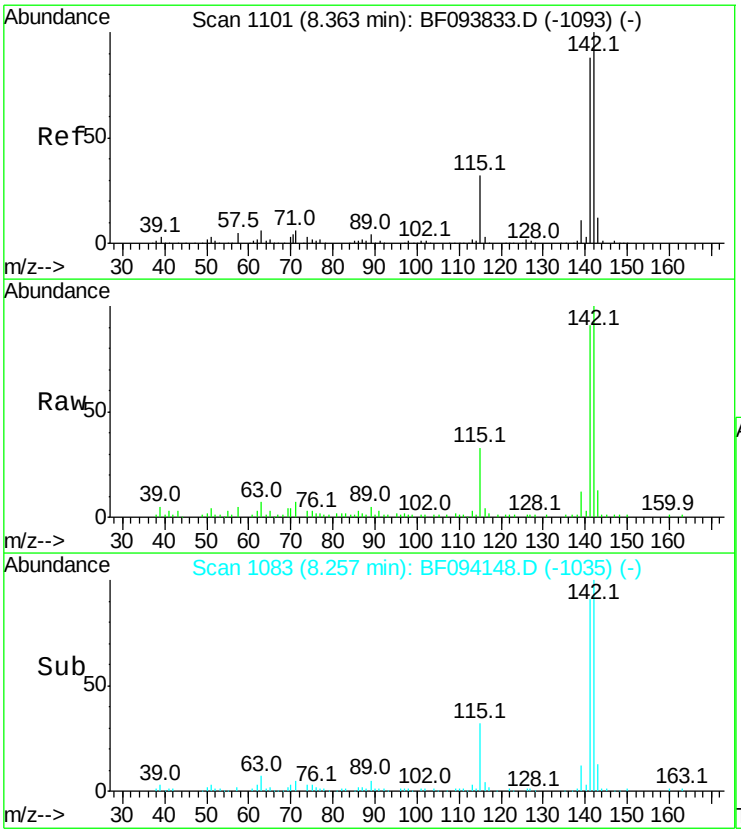
#31
Naphthalene
Concen: 4.96 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:128 Resp: 152068

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.6
127	13.2	10.8	16.2

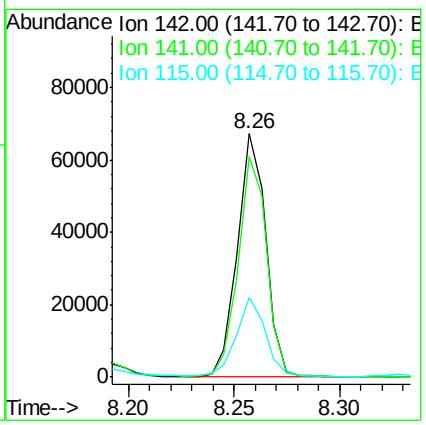


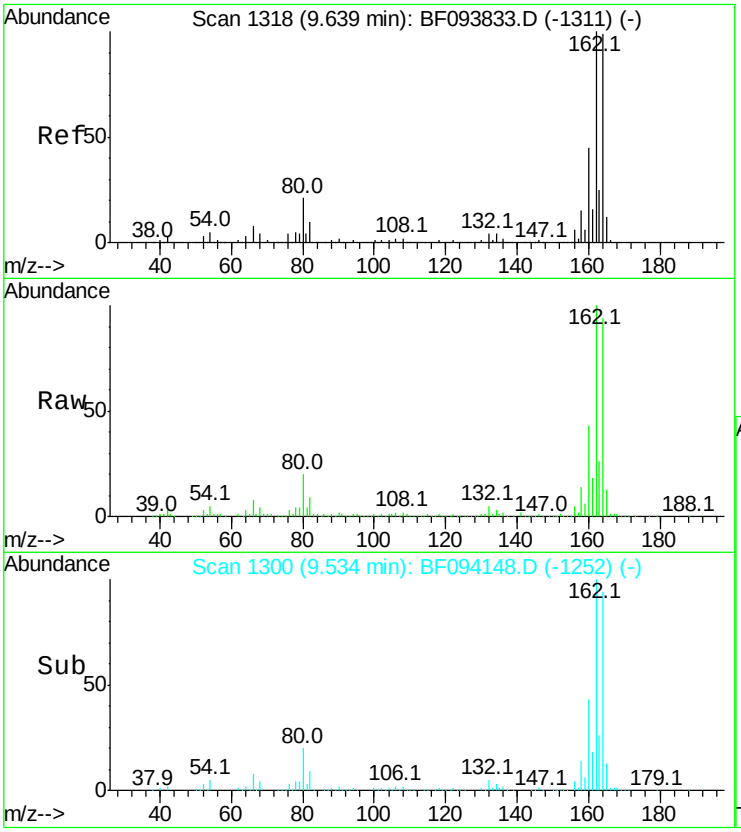


#37
2-Methylnaphthalene
Concen: 3.06 ng
RT: 8.26 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:142 Resp: 62565

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	32.9	27.1	40.7



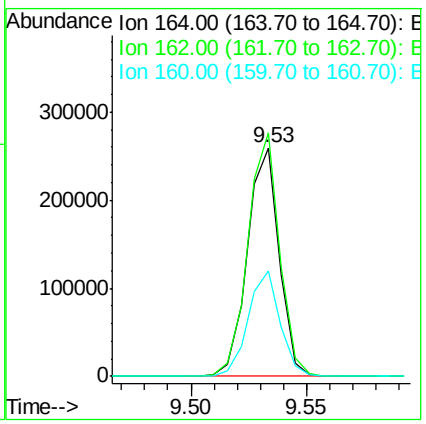


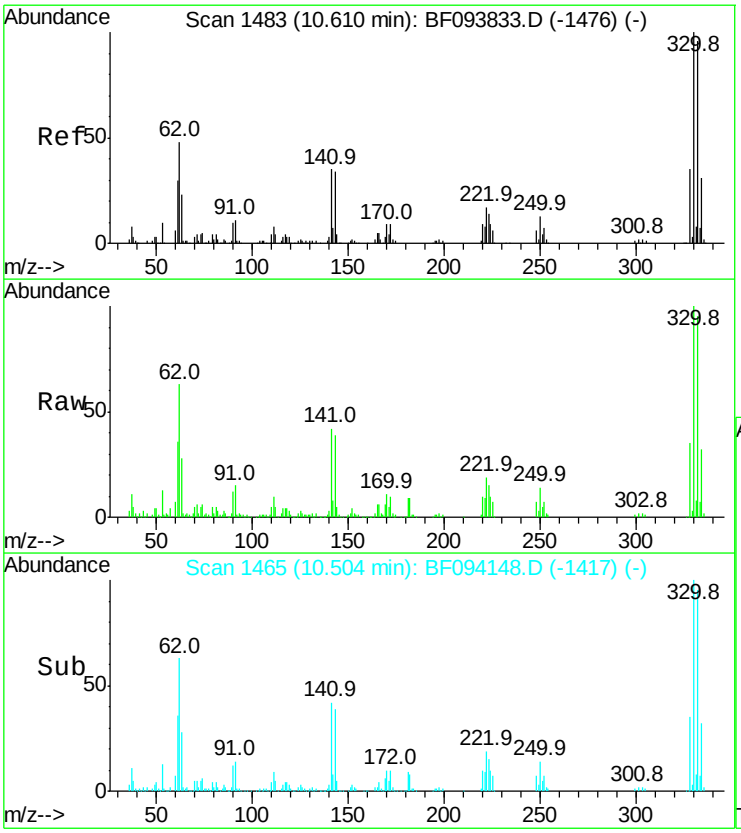
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:164 Resp: 249343

Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.6	123.8
160	46.2	36.2	54.2

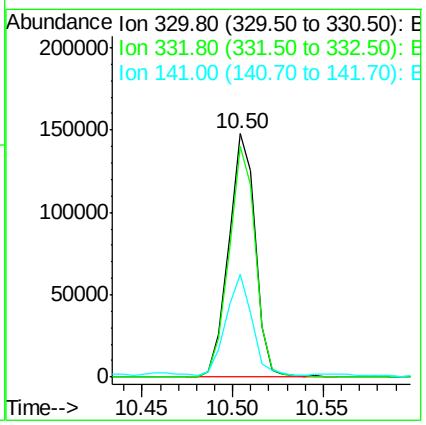


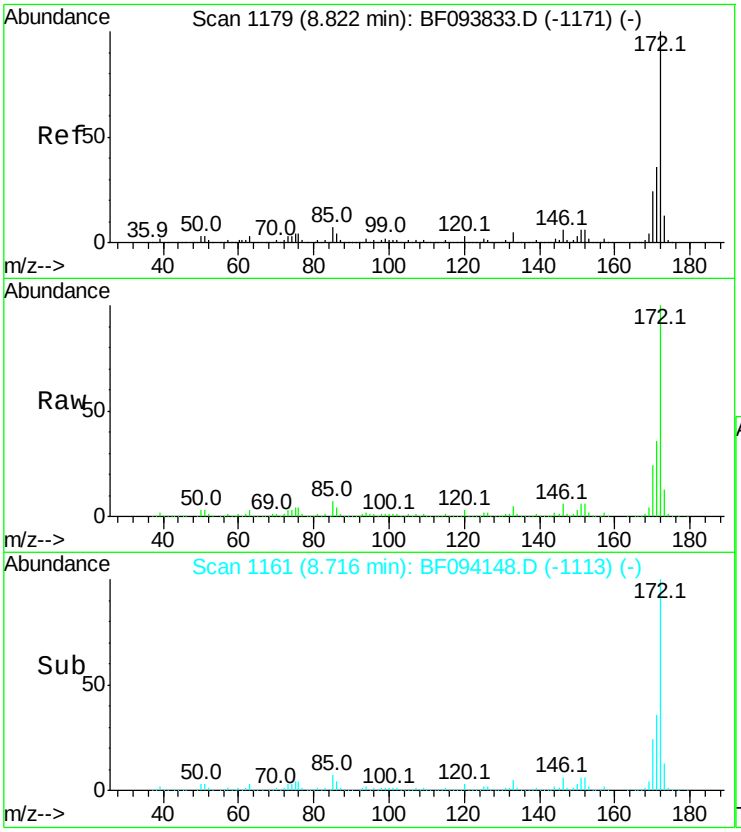


#41
2,4,6-Tribromophenol
Concen: 76.65 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:330 Resp: 151023

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	40.5	31.4	47.2

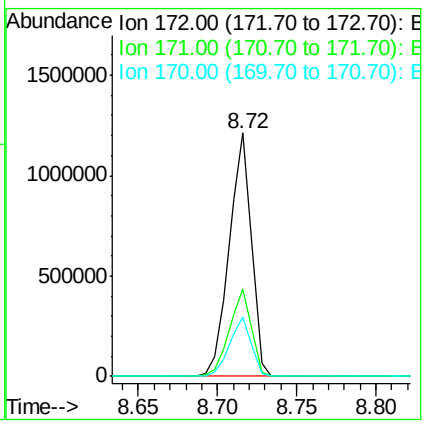




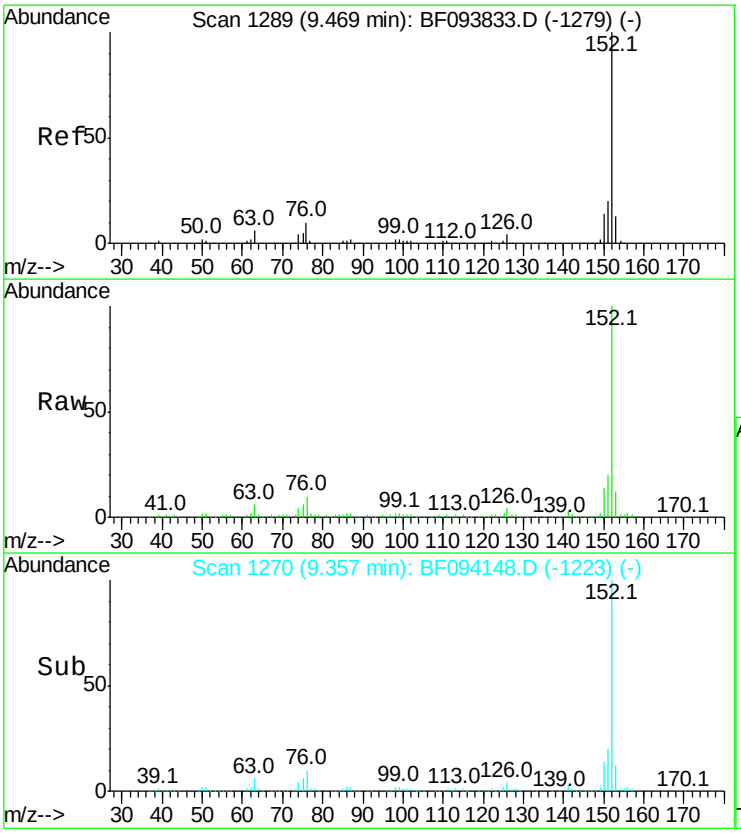
#44
2-Fluorobiphenyl
Concen: 71.95 ng
RT: 8.72 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:172 Resp: 1176215

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8



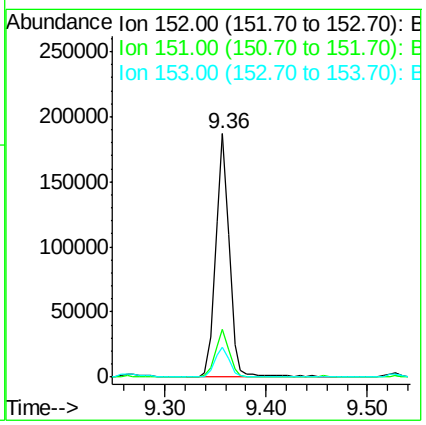
Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

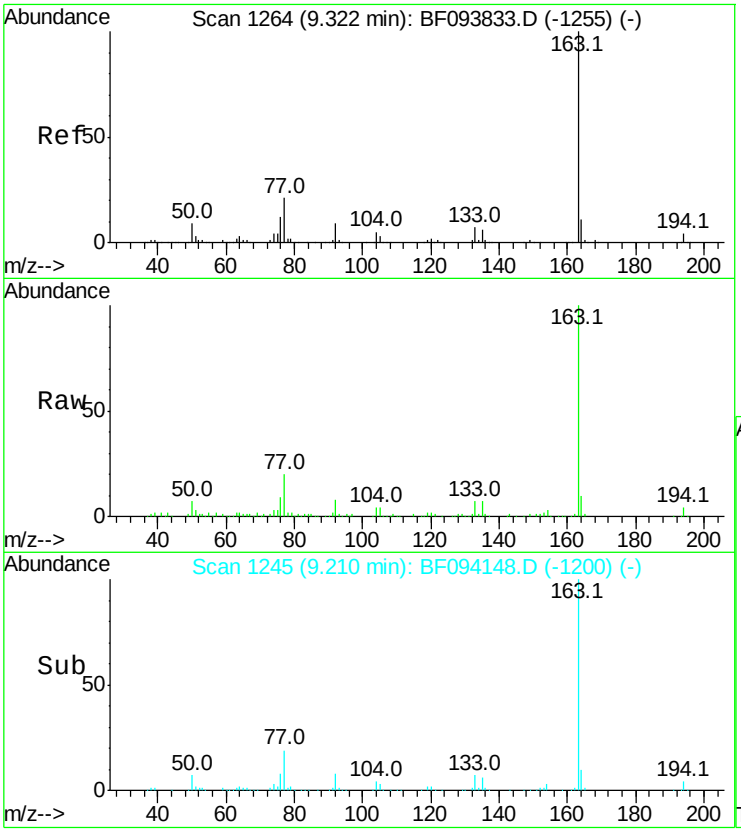


#48
Acenaphthylene
Concen: 6.71 ng
RT: 9.36 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:152 Resp: 175669

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	12.4	10.8	16.2

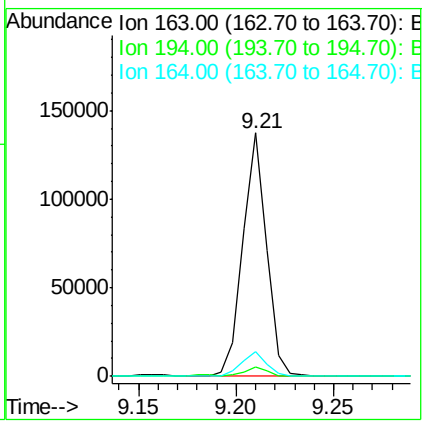




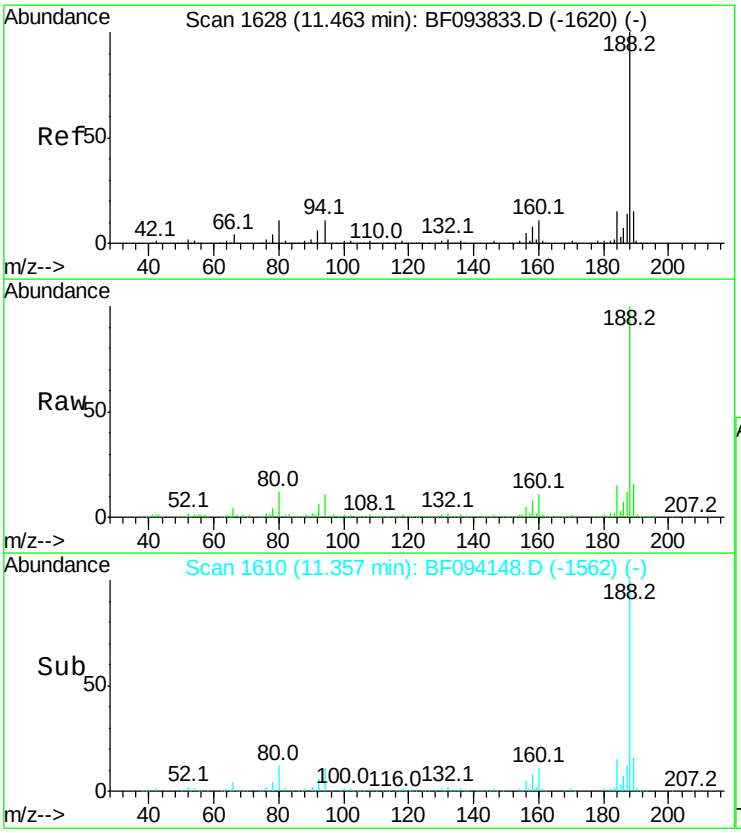
#49
Dimethylphthalate
Concen: 6.50 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.04 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:163 Resp: 115251

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.4	8.4	12.6



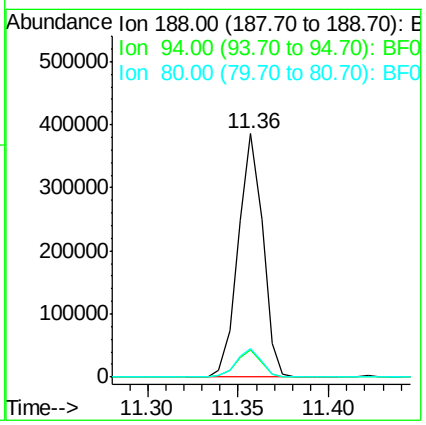
Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

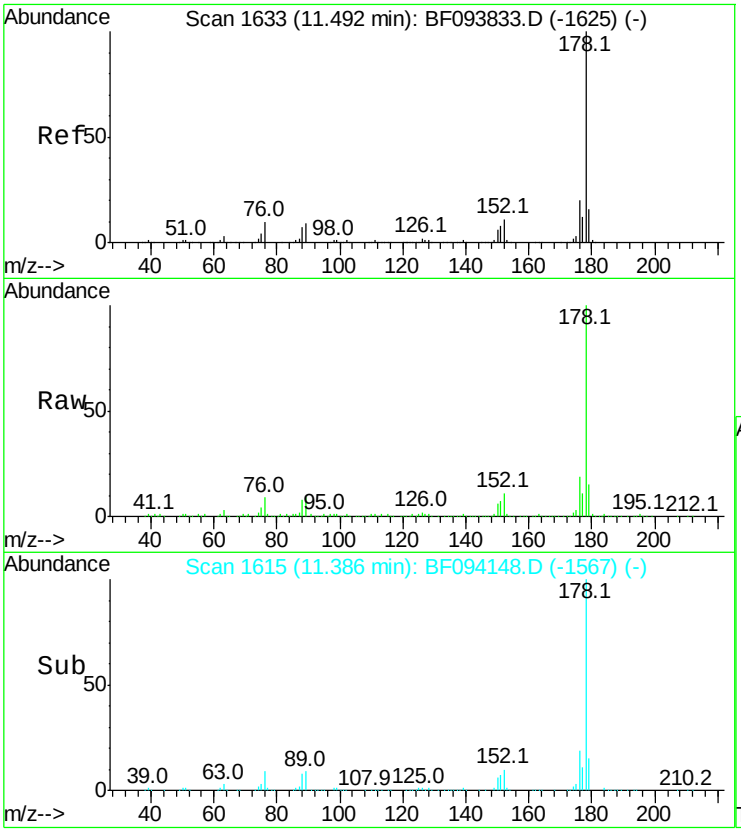


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:188 Resp: 364082

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.6	10.2	15.2



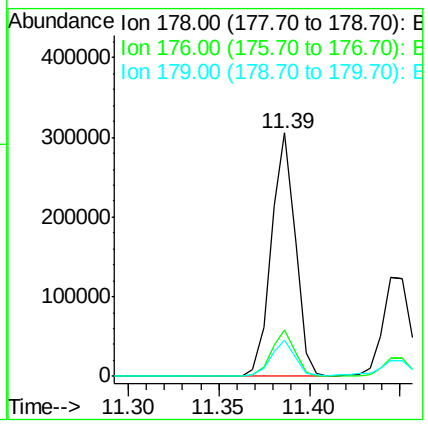


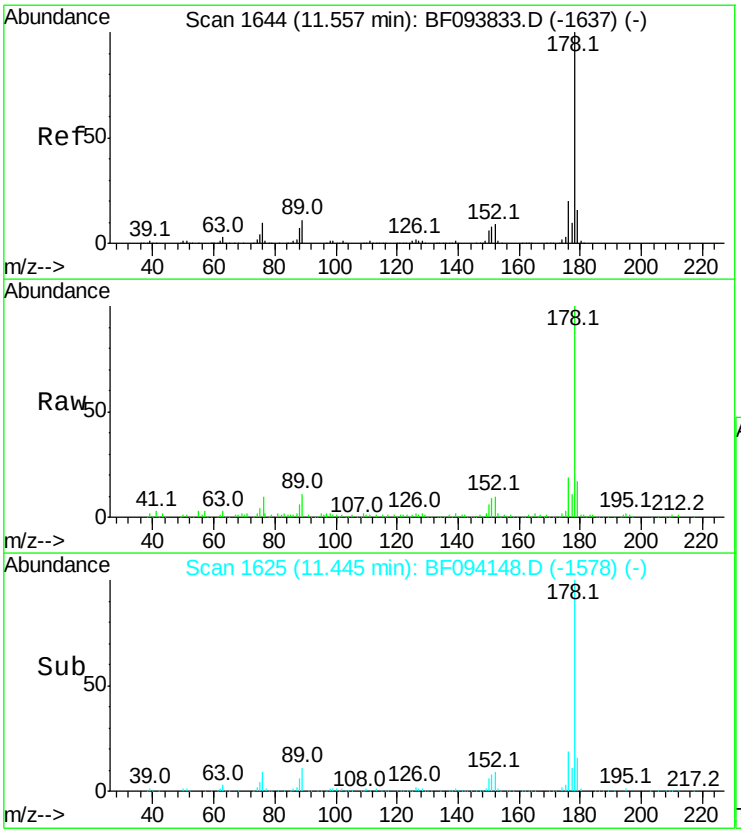
#70
Phenanthrene
Concen: 13.77 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:178 Resp: 278824

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.1	12.6	19.0

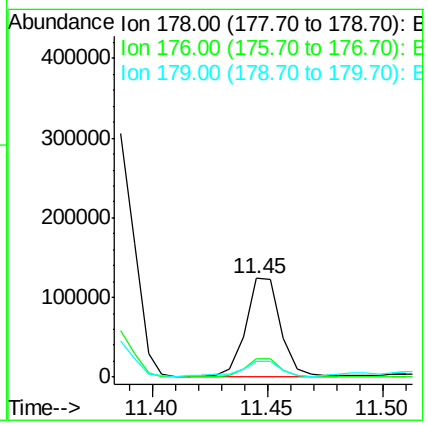


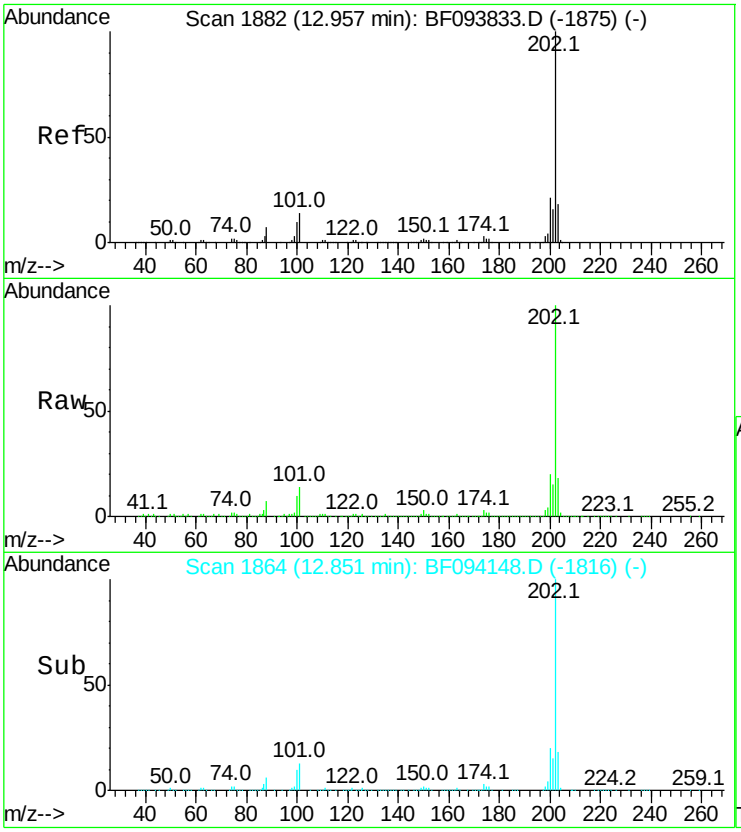


#71
Anthracene
Concen: 6.16 ng
RT: 11.45 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:178 Resp: 128532

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	16.6	12.7	19.1



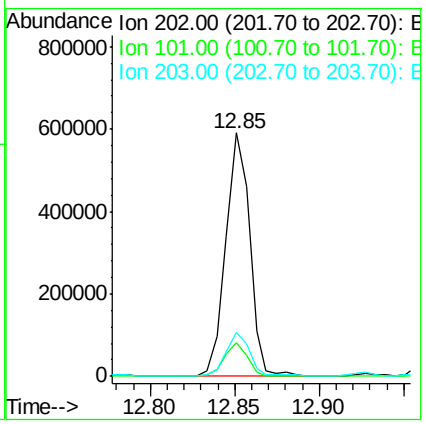


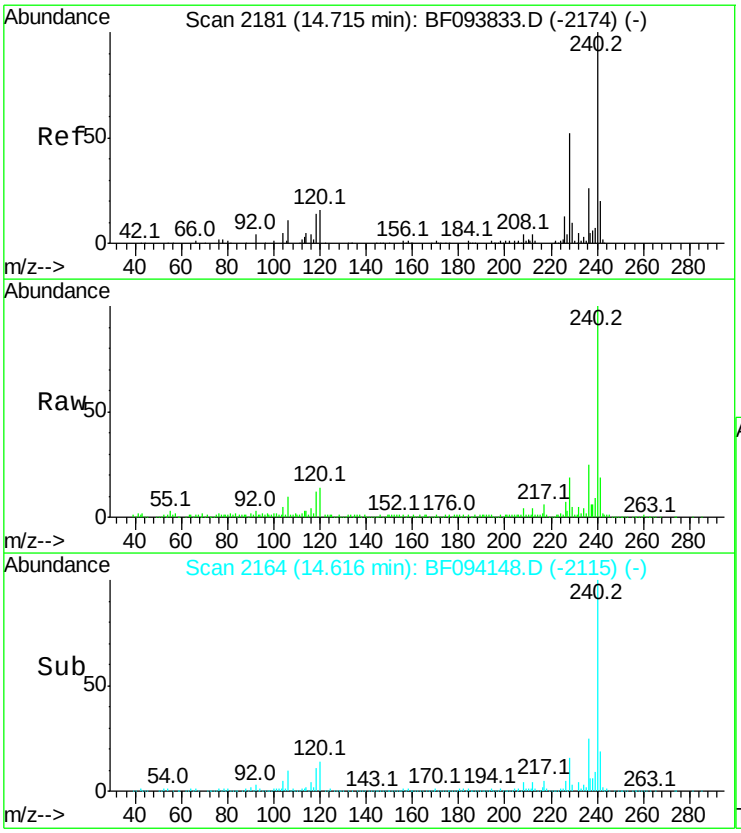
#74
Fluoranthene
Concen: 27.86 ng
RT: 12.85 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:202 Resp: 577753

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1

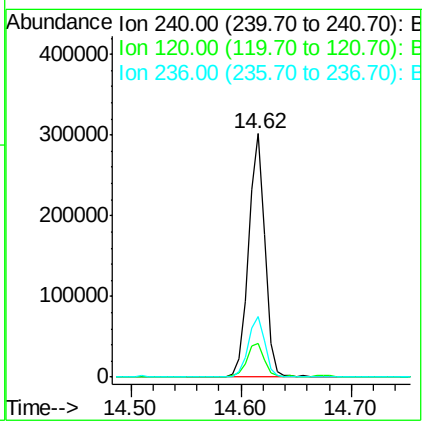


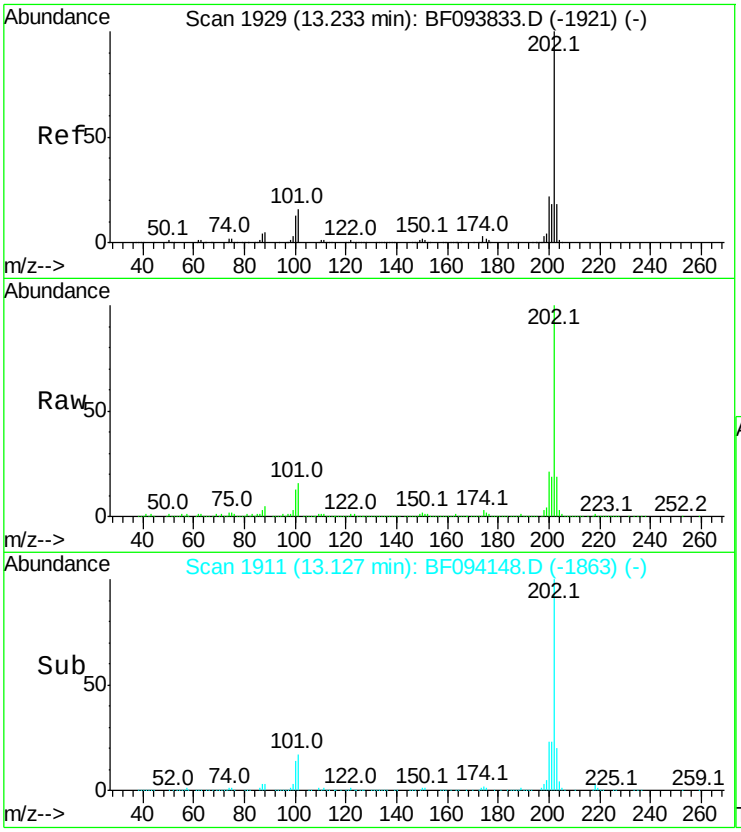


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:240 Resp: 311875

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.1	20.5	30.7



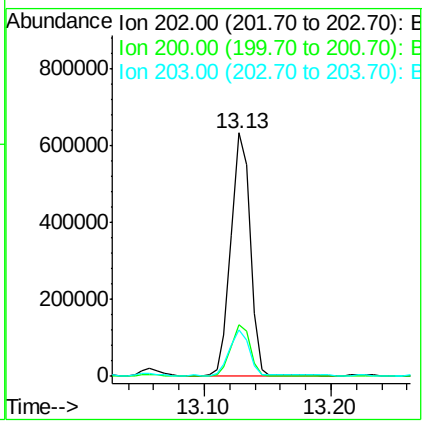


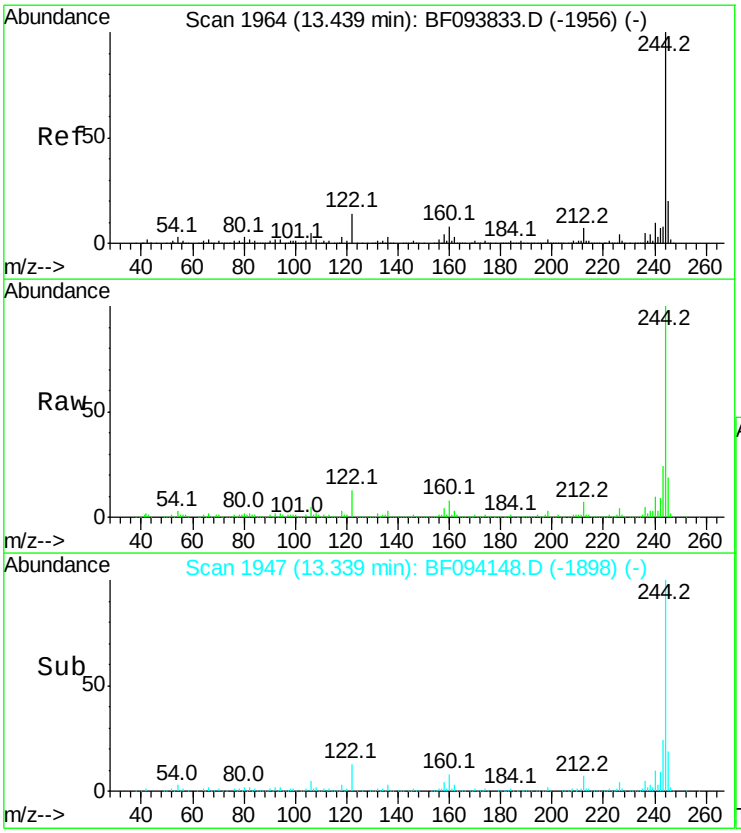
#77
Pyrene
Concen: 29.25 ng
RT: 13.13 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:202 Resp: 661982

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.9	14.4	21.6

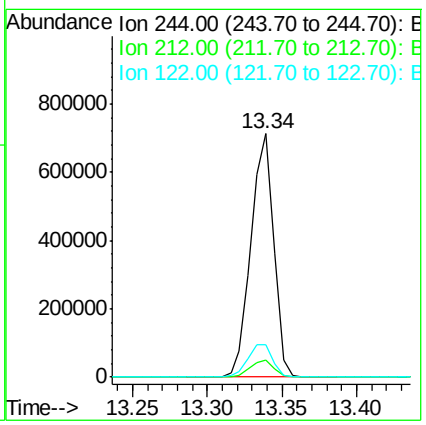


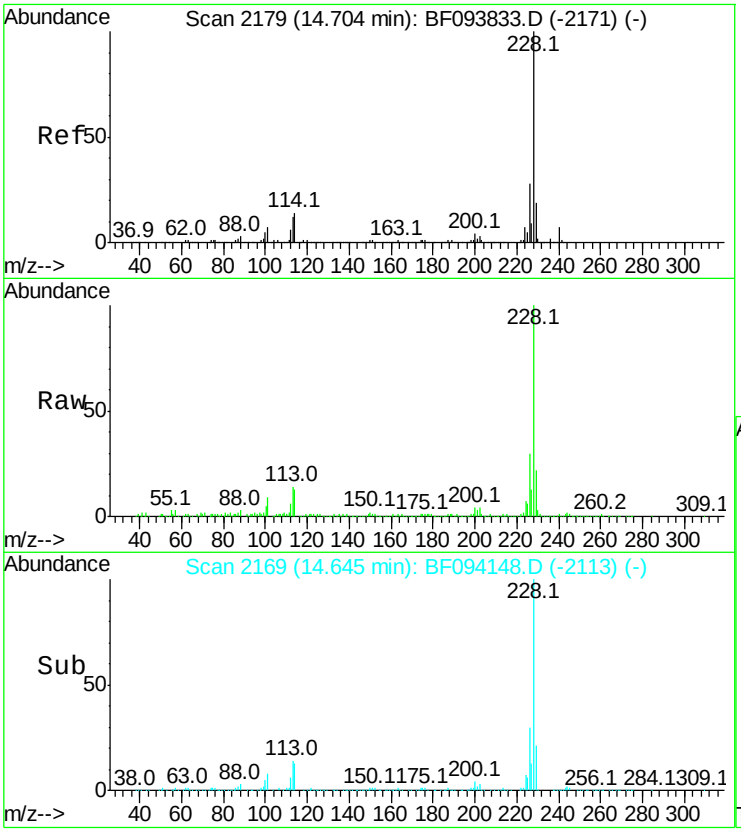


#78
Terphenyl-d14
Concen: 53.63 ng
RT: 13.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:244 Resp: 746192

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.5	10.3	15.5



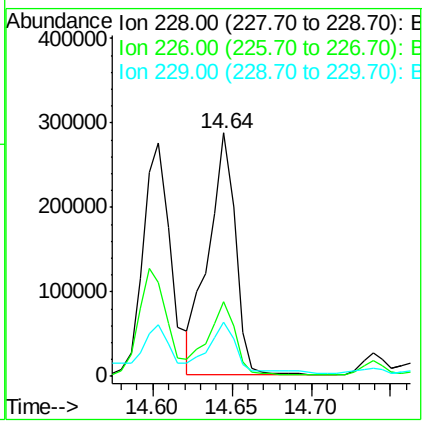


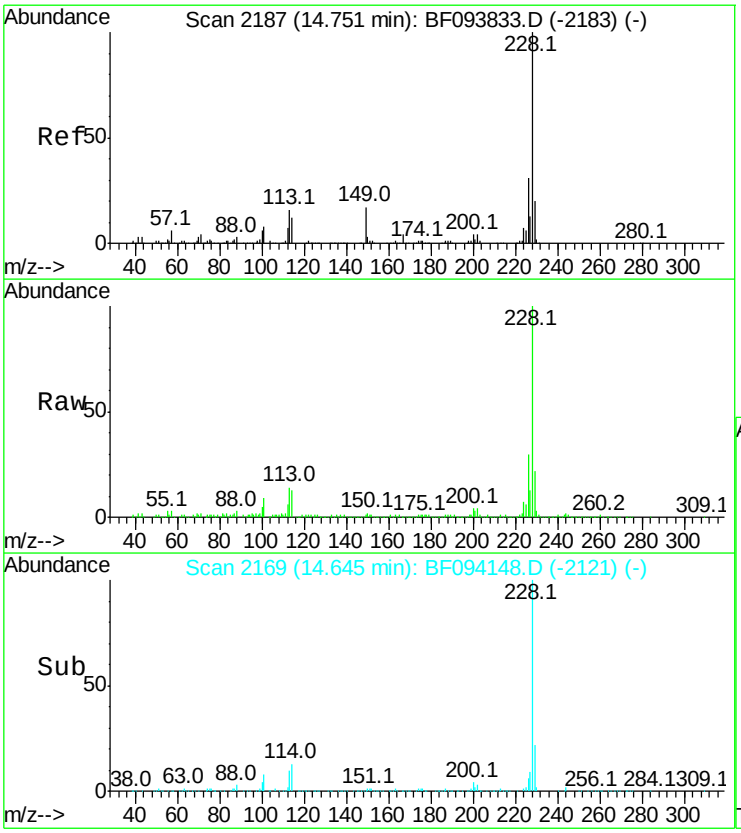
#80
Benzo(a)anthracene
Concen: 18.78 ng
RT: 14.64 min Scan# 2169
Delta R.T. 0.03 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:228 Resp: 341531

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.4	16.3	24.5

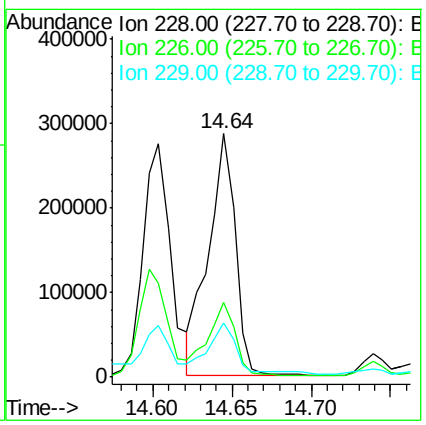


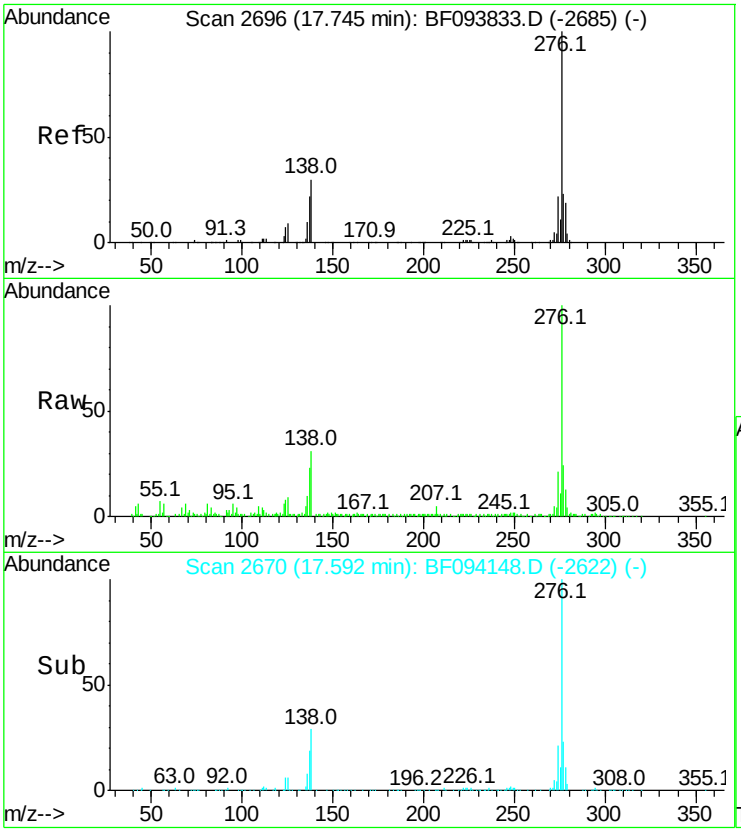


#82
Chrysene
Concen: 20.24 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:228 Resp: 341531

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.4	15.8	23.6



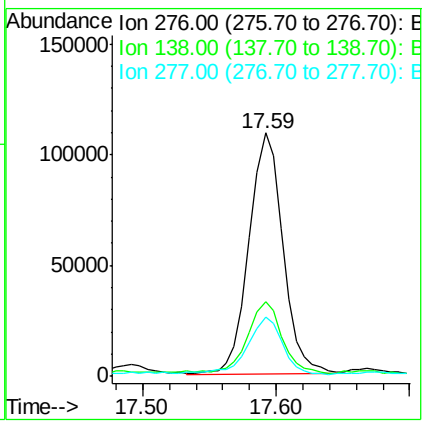


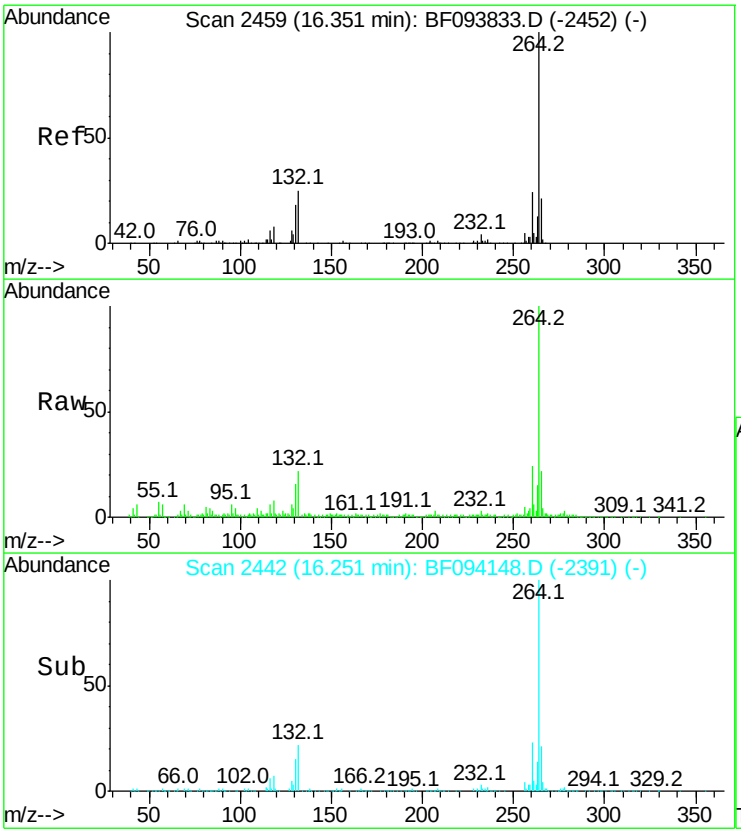
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.13 ng
RT: 17.59 min Scan# 2670
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:276 Resp: 191844

Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.8	41.6
277	24.5	20.2	30.4

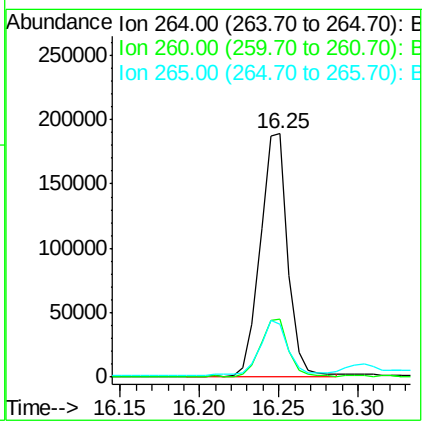


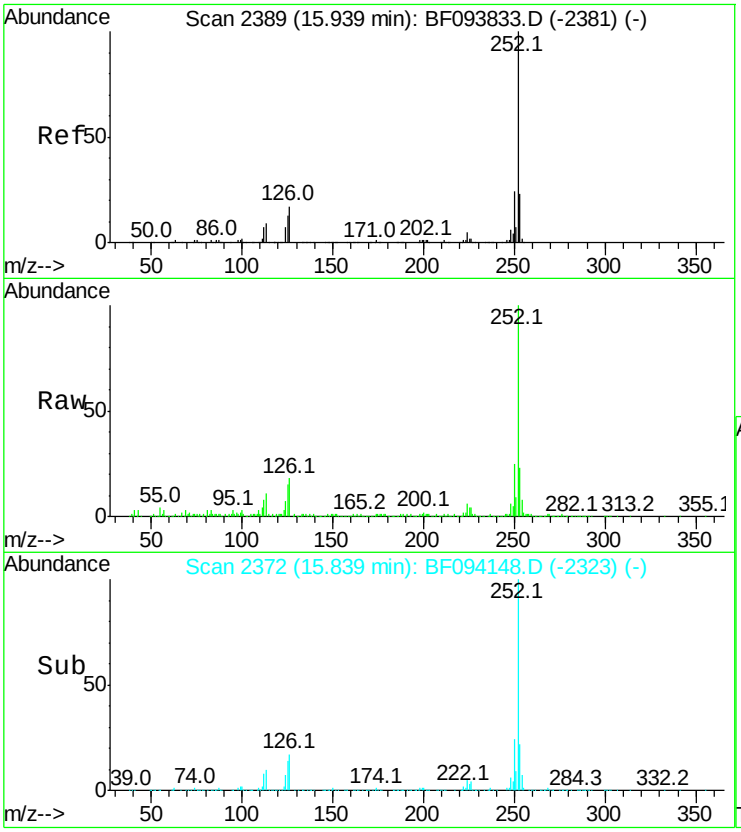


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:264 Resp: 231614

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8



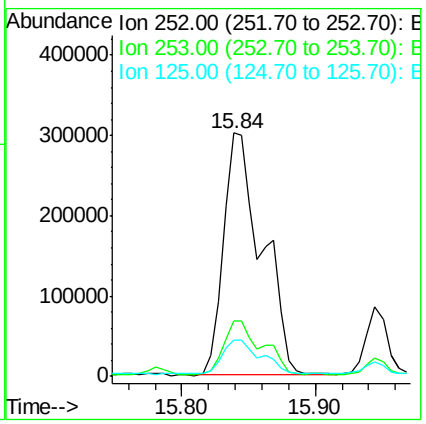


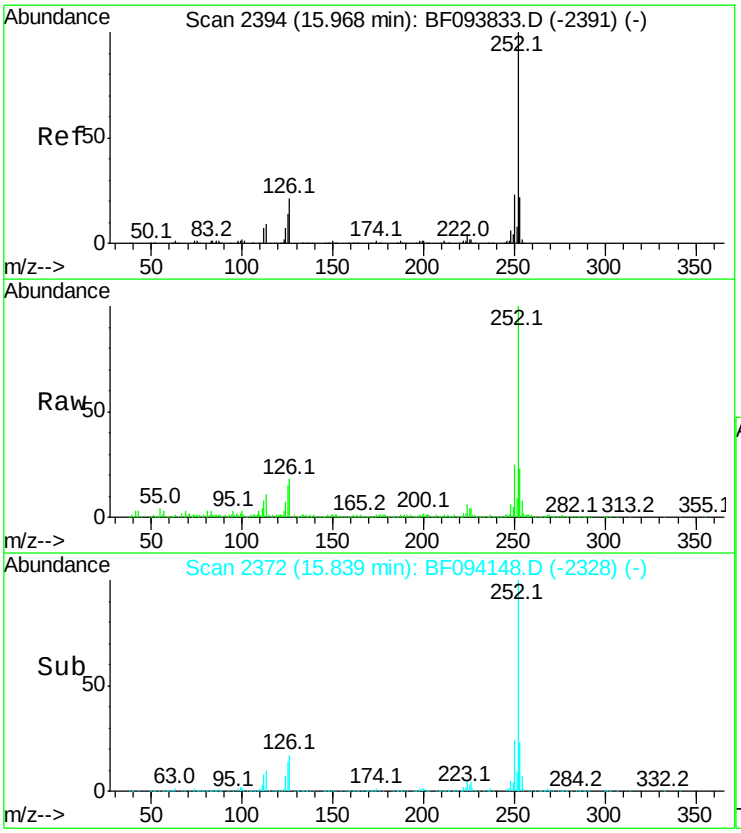
#87
Benzo(b)fluoranthene
Concen: 43.08 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:252 Resp: 611623

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.9	9.8	14.8#

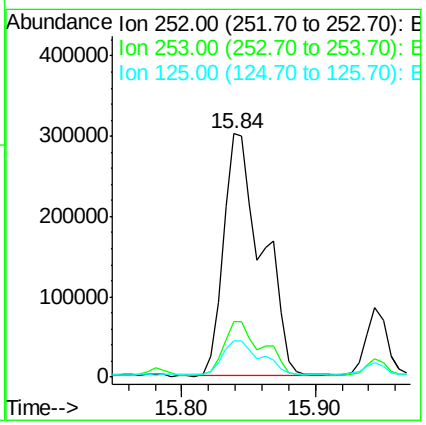


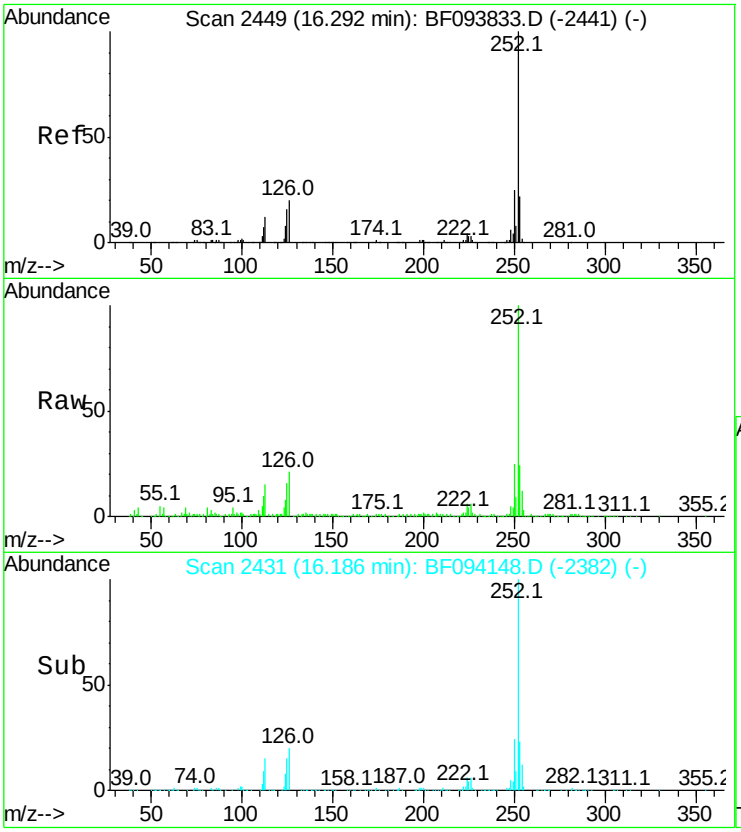


#88
Benzo(k)fluoranthene
Concen: 44.03 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.04 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:252 Resp: 611623

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	14.9	13.1	19.7



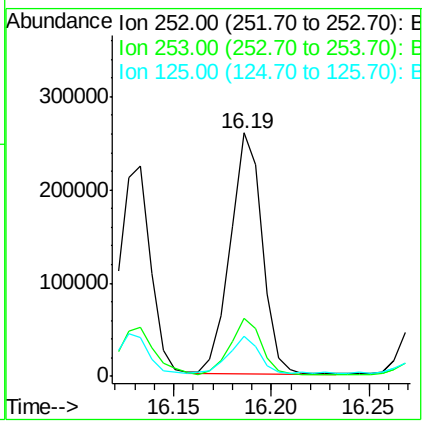


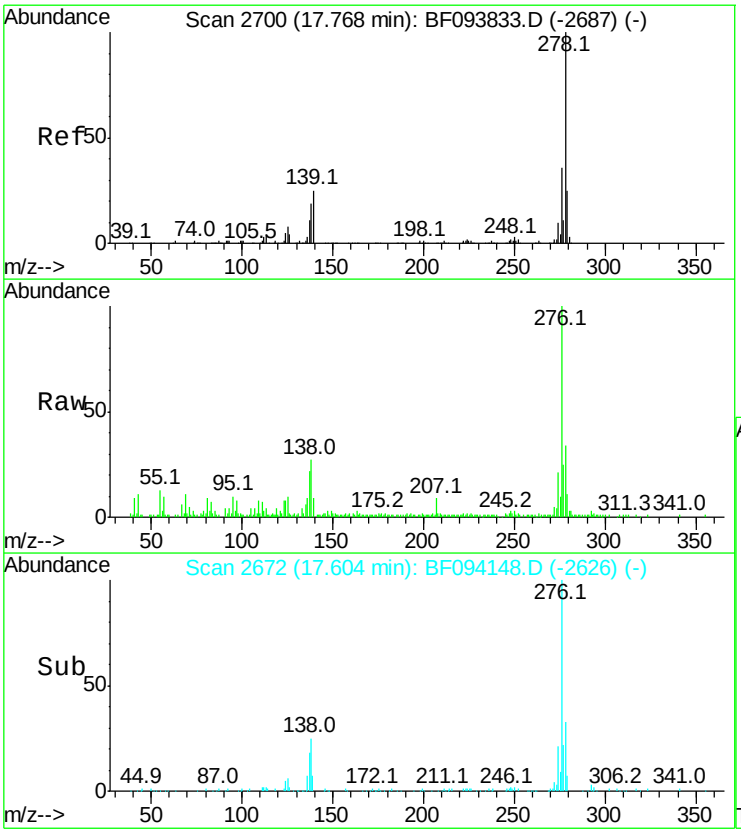
#89
Benzo(a)pyrene
Concen: 22.52 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:252 Resp: 294429

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	16.2	11.0	16.4

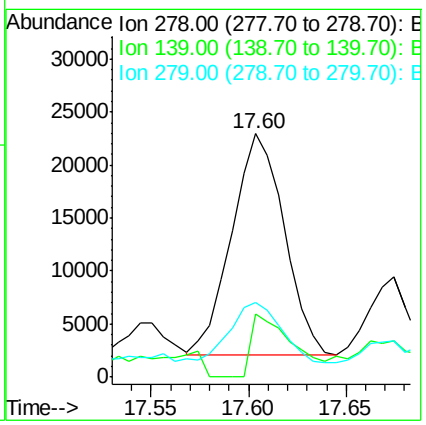


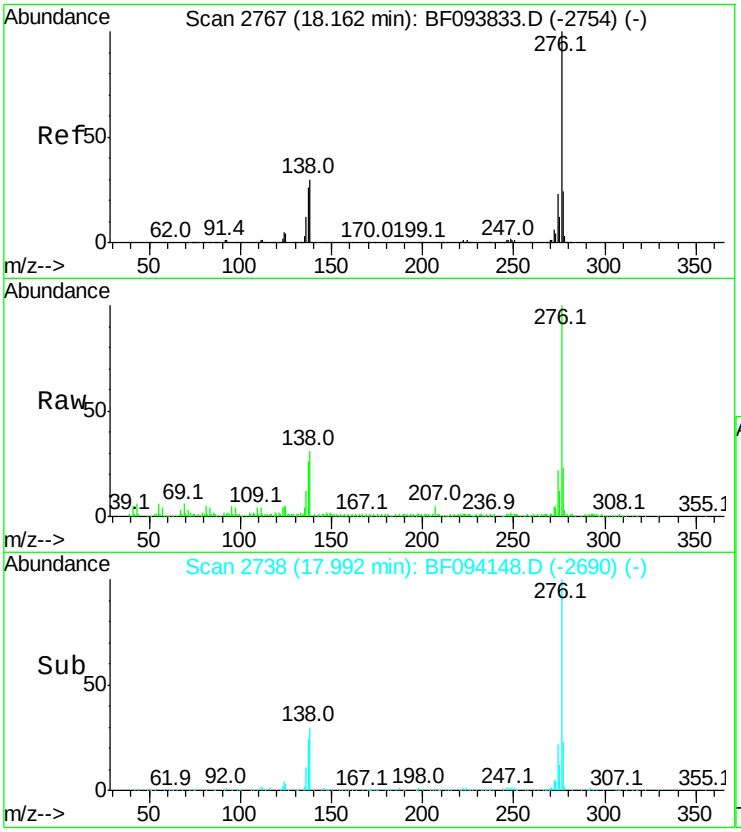


#90
Dibenzo(a,h)anthracene
Concen: 3.51 ng
RT: 17.60 min Scan# 2672
Delta R.T. -0.03 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Tgt Ion:278 Resp: 38825

Ion	Ratio	Lower	Upper
278	100		
139	26.0	16.6	24.8#
279	30.8	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 18.91 ng
RT: 17.99 min Scan# 2738
Delta R.T. -0.02 min
Lab File: BF094148.D
Acq: 4 Apr 2017 5:13

Instrument :
BNA_F
ClientSampleId :
E2-P11-BASE

Tgt Ion:276 Resp: 211058

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	31.5	25.4	38.0