Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093908.D
Acq On : 24 Mar 2017 15:07
Operator : SJ/MA
Sample : I2367-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CC10-ESW

Quant Time: Mar 24 23:03:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	183446	20.00	ng		-0.02
21) Naphthalene-d8	7.47	136	726313	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	311530	20.00	ng		-0.02
63) Phenanthrene-d10	11.44	188	483688	20.00	ng		-0.02
75) Chrysene-d12	14.70	240	332928	20.00	ng		-0.02
86) Perylene-d12	16.33	264	280539	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.51	112	1260104	116.02	ng		0.00
7) Phenol-d6	5.57	99	1628867	121.23	ng		0.00
23) Nitrobenzene-d5	6.62	82	989661	77.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	270742	109.98	ng		-0.02
44) 2-Fluorobiphenyl	8.80	172	1630670	79.84	ng		-0.02
78) Terphenyl-d14	13.42	244	1038317	69.91	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.62	70	132718	15.37	ng	#	80
49) Dimethylphthalate	9.29	163	171406	7.74	ng		98
70) Phenanthrene	11.47	178	571351	21.23	ng		99
71) Anthracene	11.53	178	140821	5.08	ng		98
74) Fluoranthene	12.94	202	732699	26.59	ng		99
77) Pyrene	13.22	202	924953	38.28	ng		99
80) Benzo(a)anthracene	14.69	228	350025	18.03	ng		99
82) Chrysene	14.73	228	332865	18.48	ng		98
85) Indeno(1,2,3-cd)pyrene	17.72	276	113784	7.29	ng		96
87) Benzo(b)fluoranthene	15.92	252	394292	22.93	ng		96
88) Benzo(k)fluoranthene	15.92	252	394292	23.43	ng		96
89) Benzo(a)pyrene	16.27	252	255603	16.14	ng		99
90) Dibenzo(a,h)anthracene	17.73	278	31170	2.32	ng	#	90
91) Benzo(g,h,i)perylene	18.13	276	115110	8.52	ng		98

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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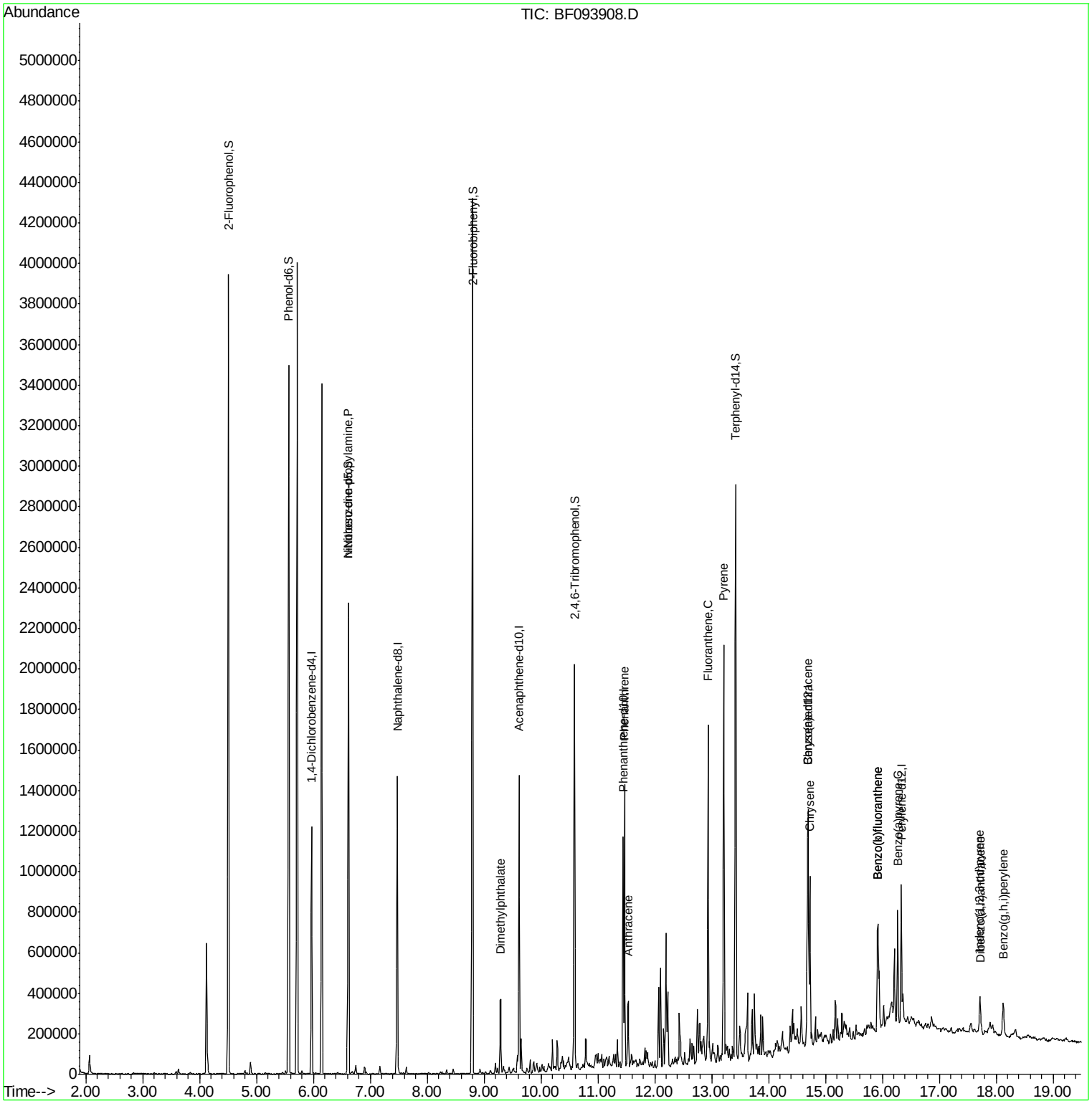
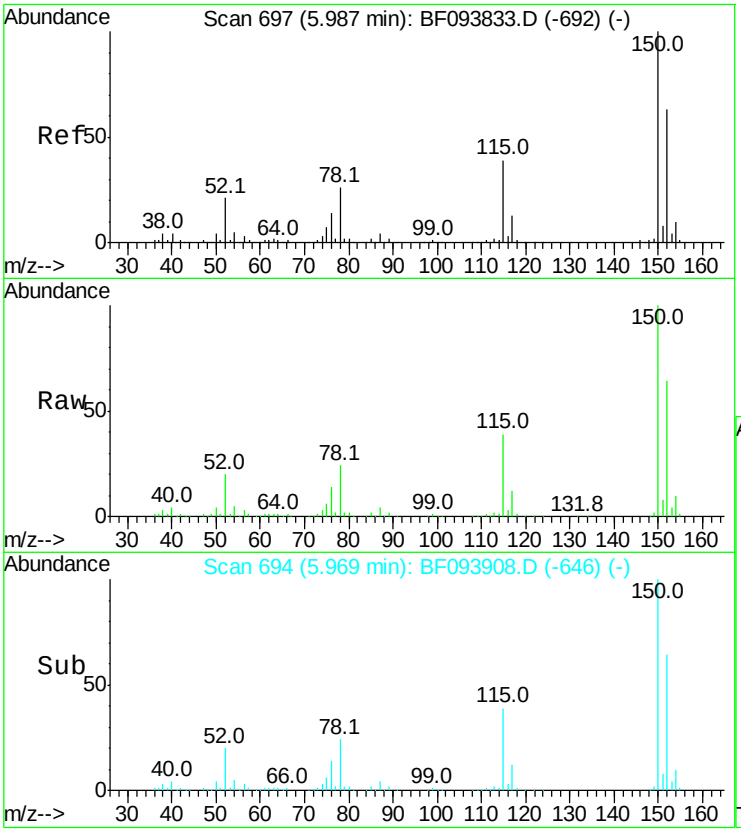


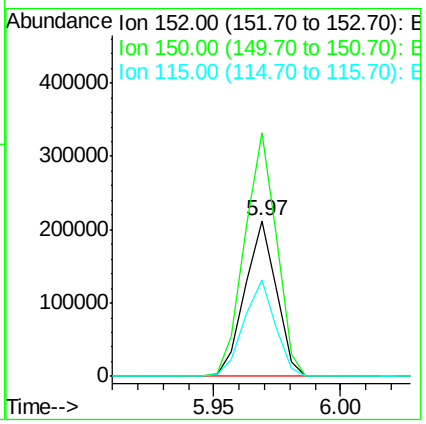


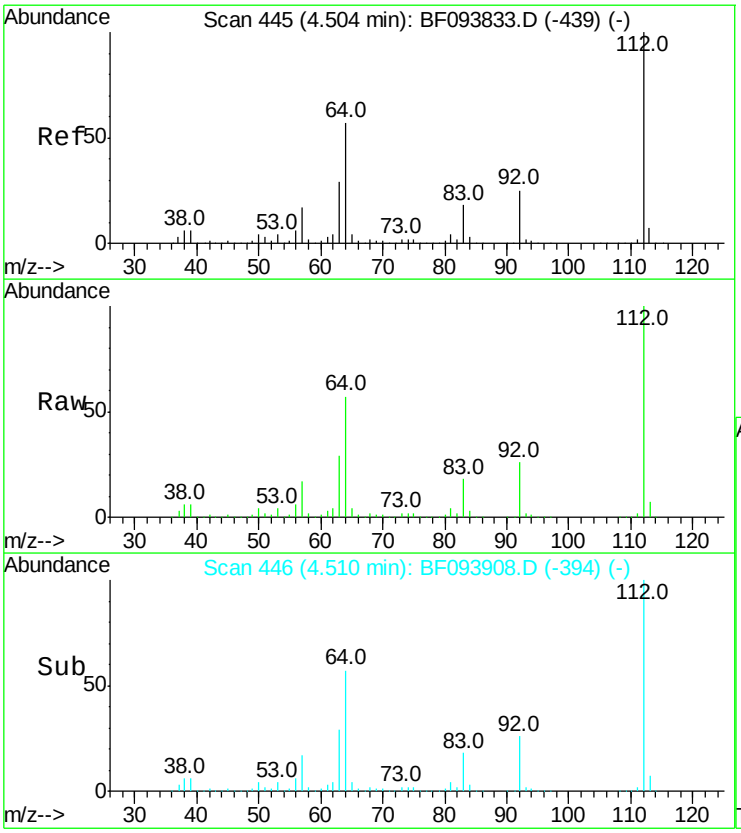
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:152 Resp: 183446

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	61.9	52.2	78.2

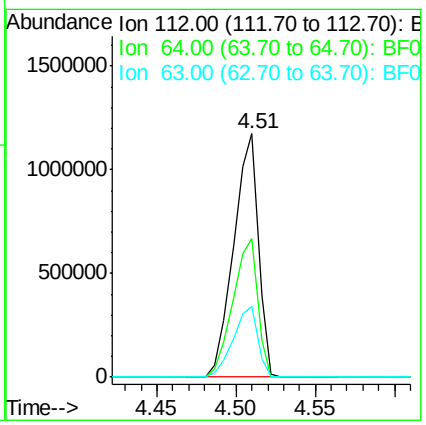


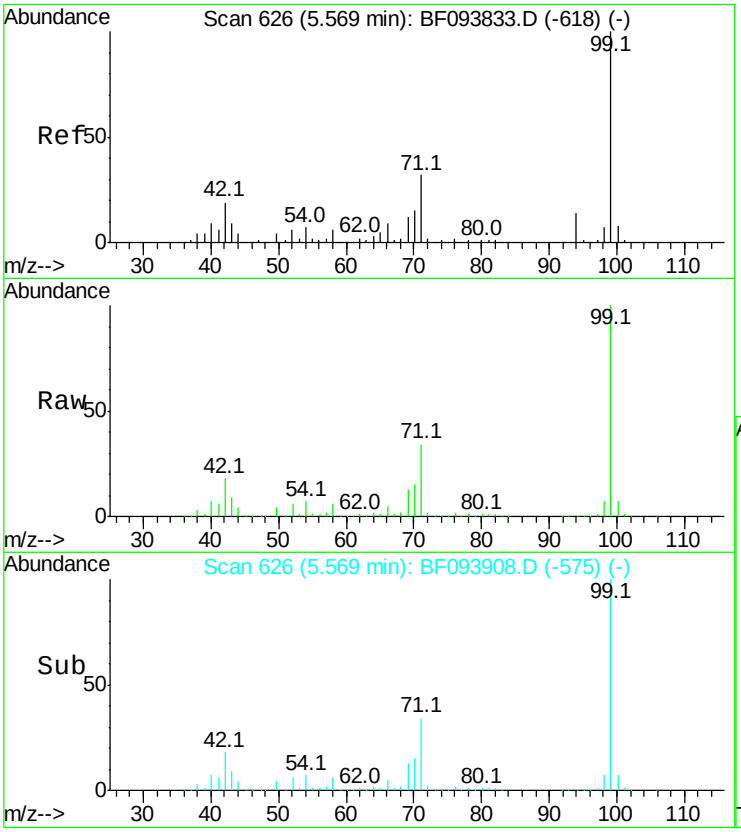


#5
2-Fluorophenol
Concen: 116.02 ng
RT: 4.51 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:112 Resp: 1260104

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	29.0	23.4	35.0



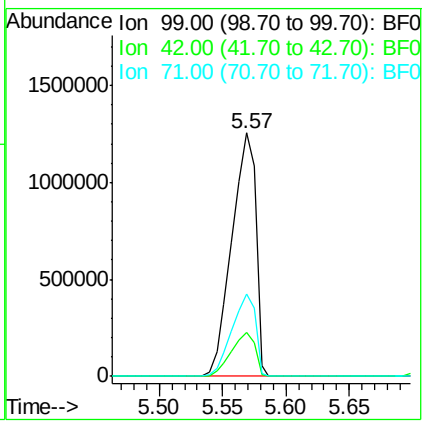


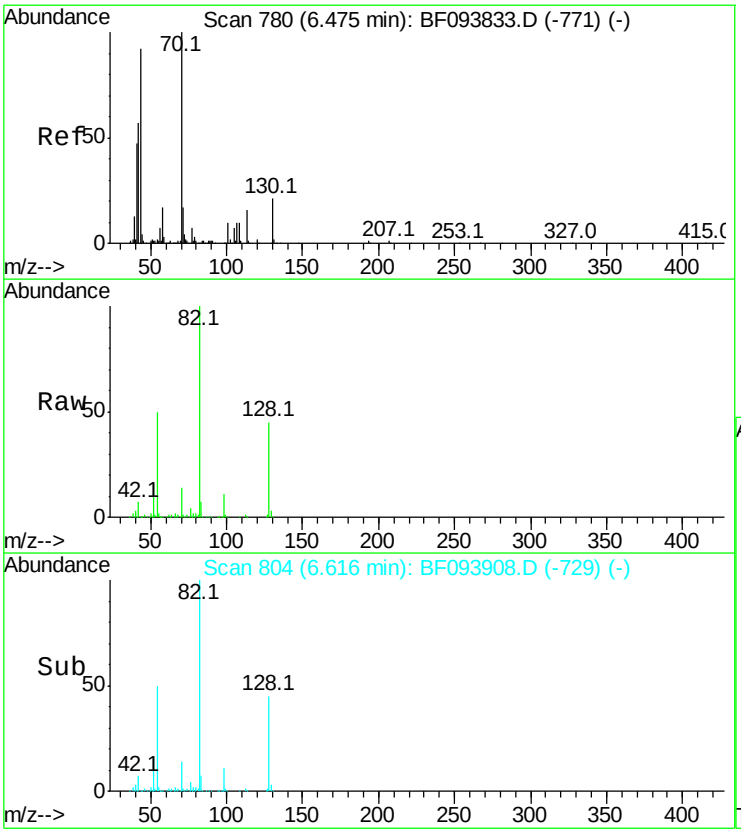
#7
Phenol-d6
Concen: 121.23 ng
RT: 5.57 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion: 99 Resp: 1628867

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	33.9	24.5	36.7

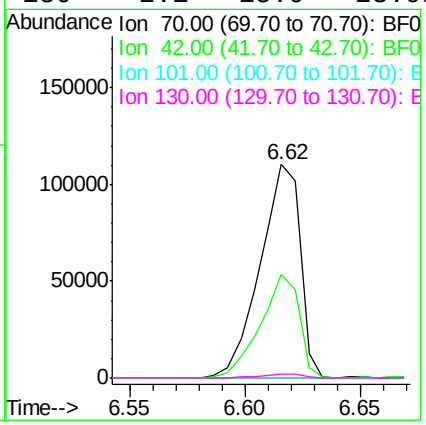


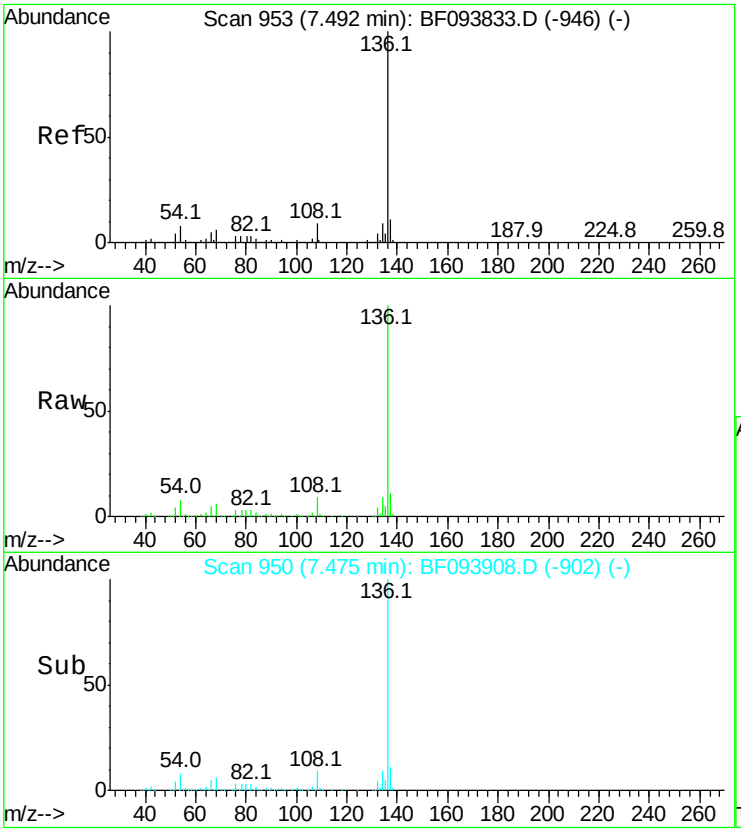


#19
n-Nitroso-di-n-propylamine
Concen: 15.37 ng
RT: 6.62 min Scan# 804
Delta R.T. 0.14 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion: 70 Resp: 132718

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



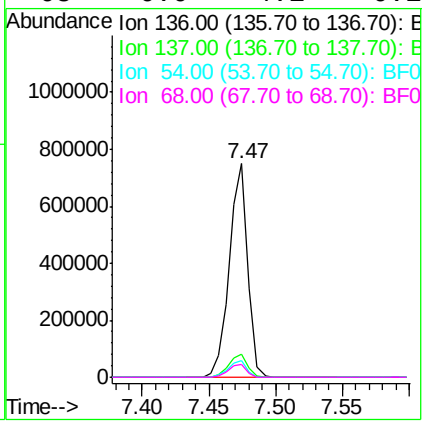


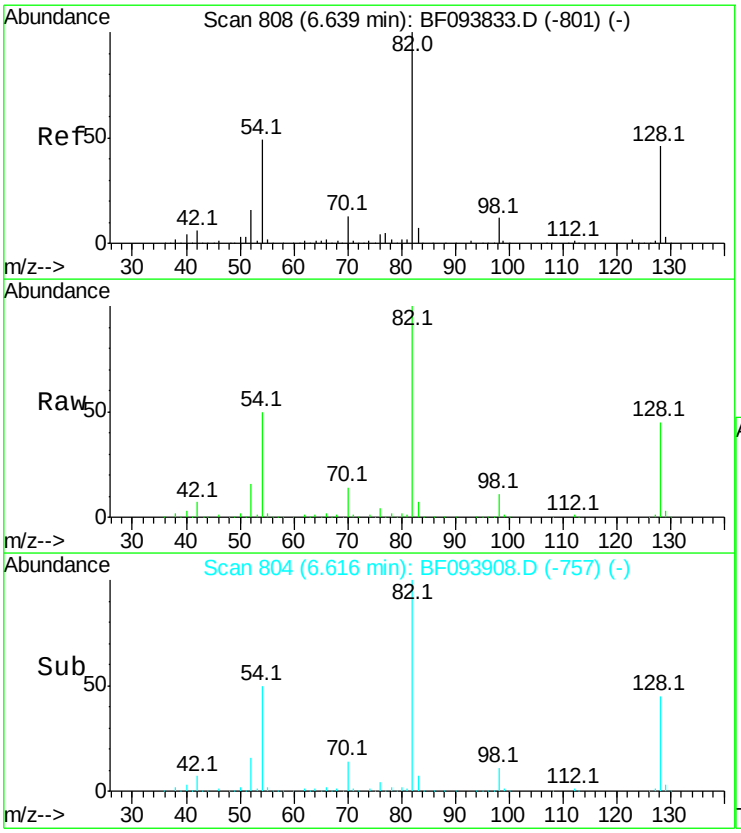
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:136 Resp: 726313

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.7	4.9	7.3#
68	6.0	4.1	6.1

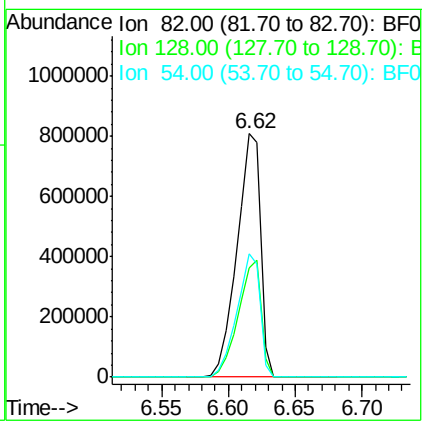


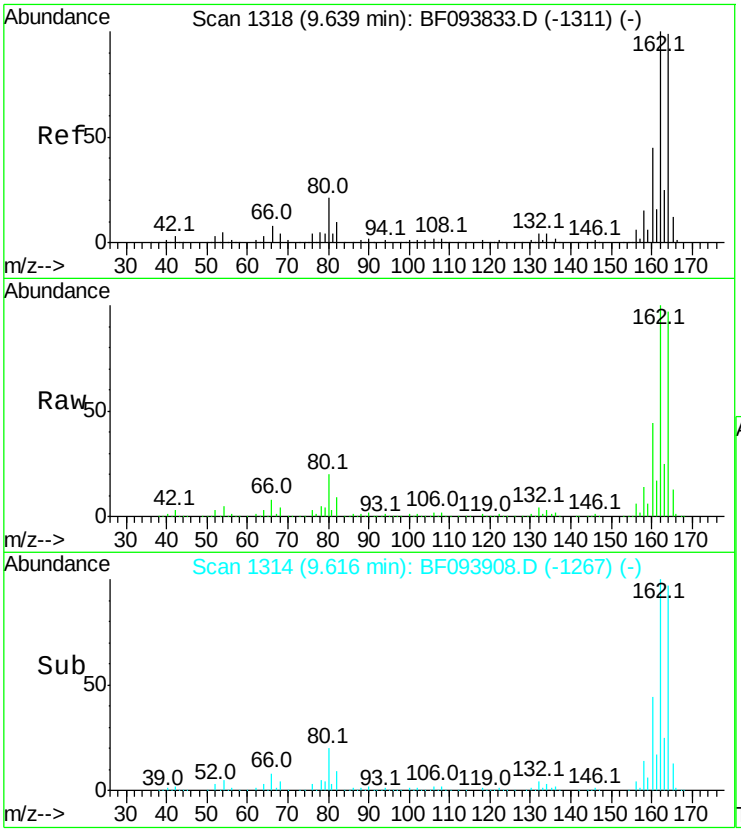


#23
Nitrobenzene-d5
Concen: 77.76 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion: 82 Resp: 989661

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	50.4	42.2	63.2



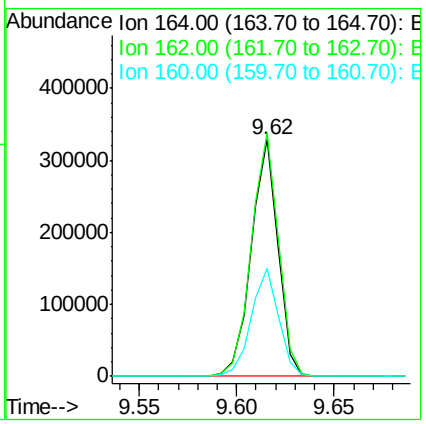


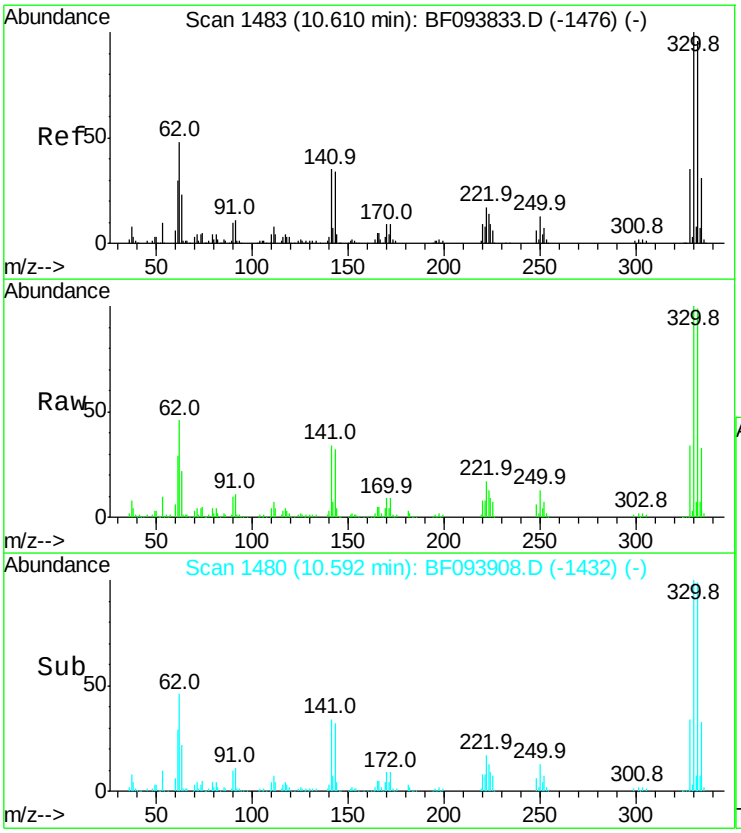
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:164 Resp: 311530

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.3	36.2	54.2

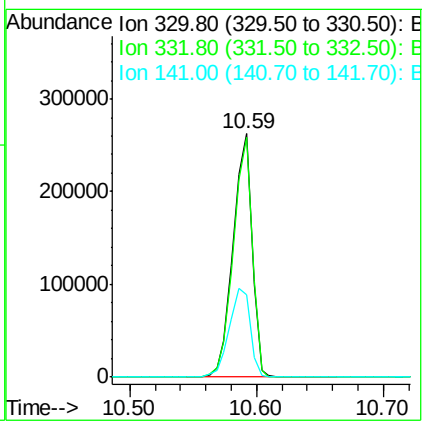


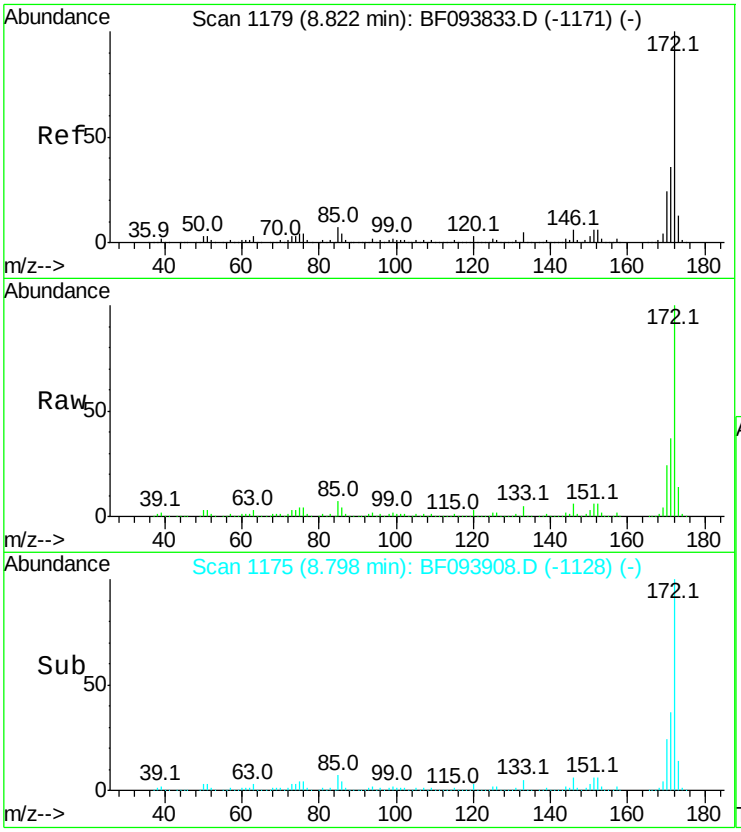


#41
2,4,6-Tribromophenol
Concen: 109.98 ng
RT: 10.59 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:330 Resp: 270742

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	40.1	31.4	47.2



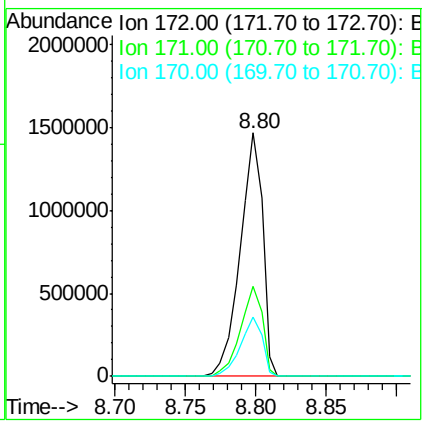


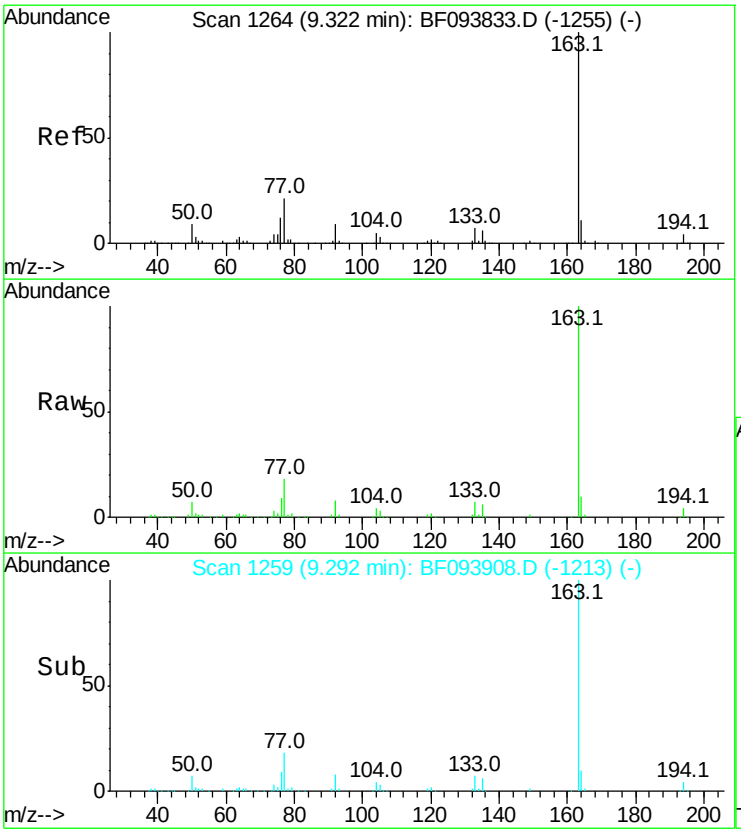
#44
2-Fluorobiphenyl
Concen: 79.84 ng
RT: 8.80 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:172 Resp: 1630670

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.2	19.8	29.8

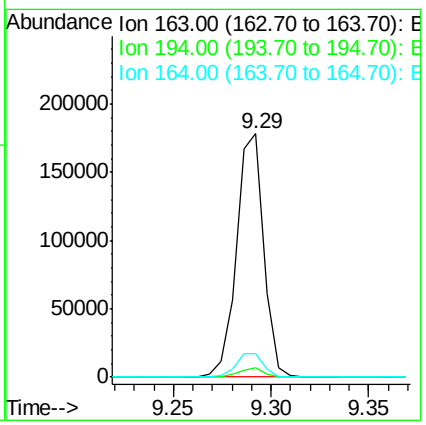


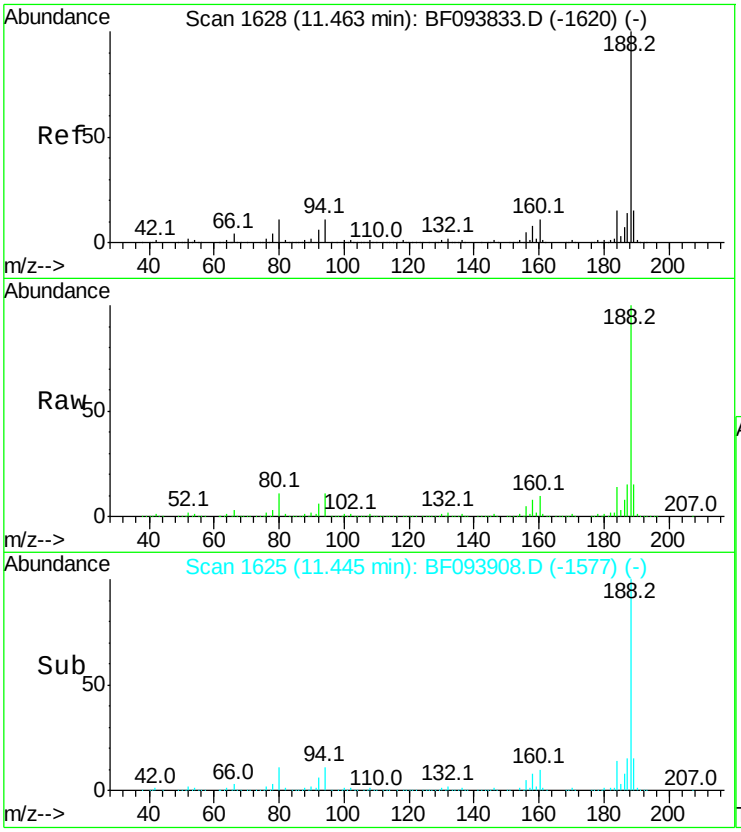


#49
Dimethylphthalate
Concen: 7.74 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:163 Resp: 171406

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.7	8.4	12.6



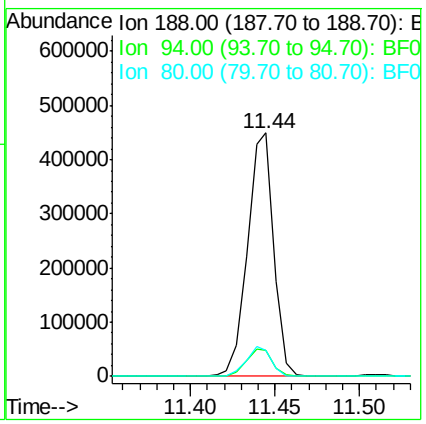


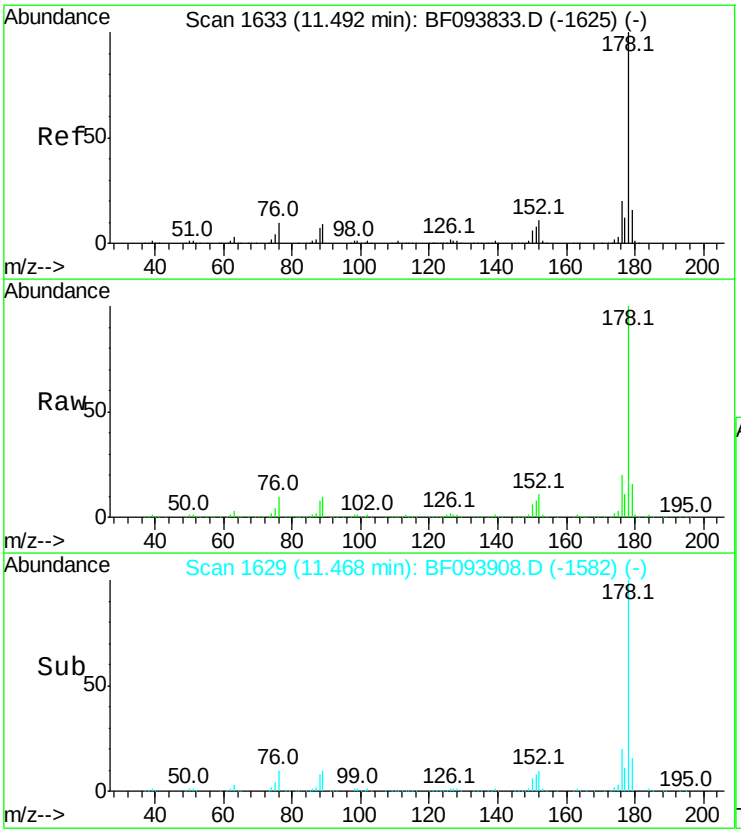
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:188 Resp: 483688

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.7	10.2	15.2

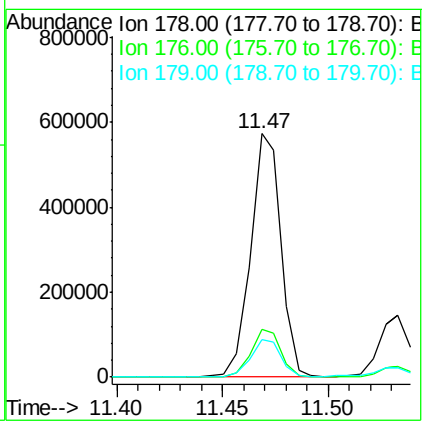


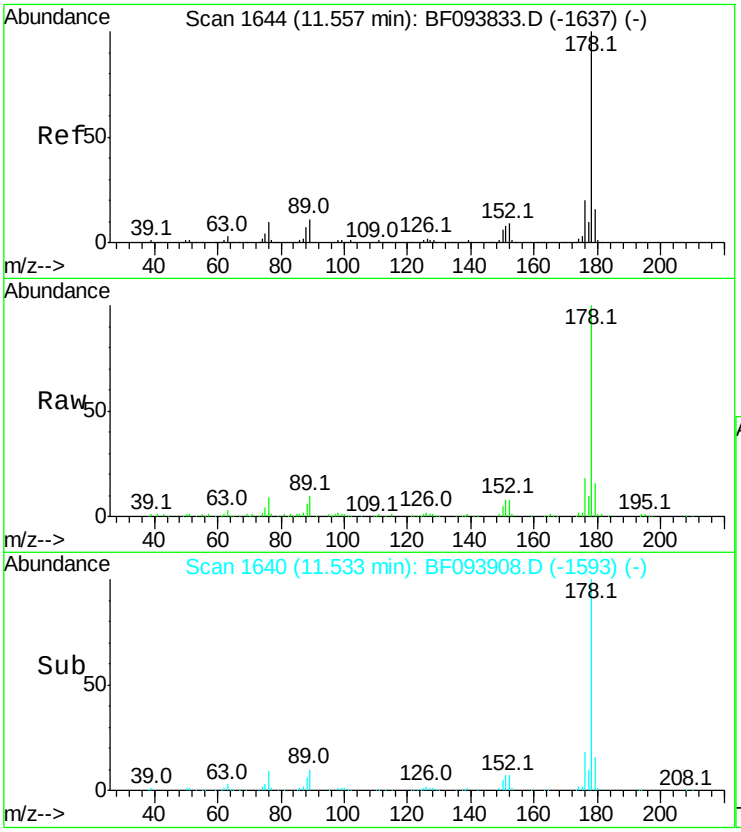


#70
Phenanthrene
Concen: 21.23 ng
RT: 11.47 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:178 Resp: 571351

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.7	12.6	19.0



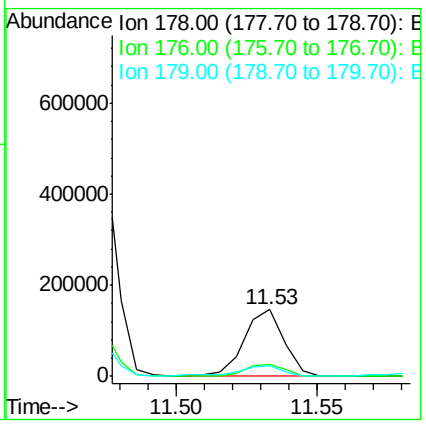


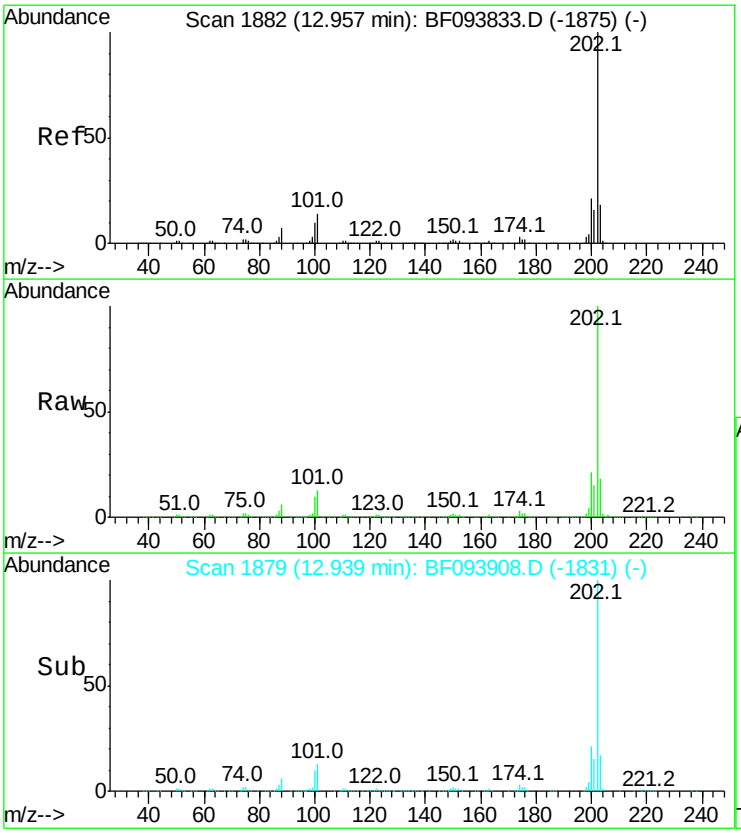
#71
Anthracene
Concen: 5.08 ng
RT: 11.53 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:178 Resp: 140821

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.8	12.7	19.1

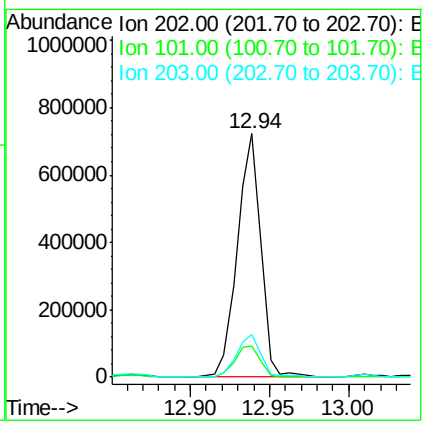


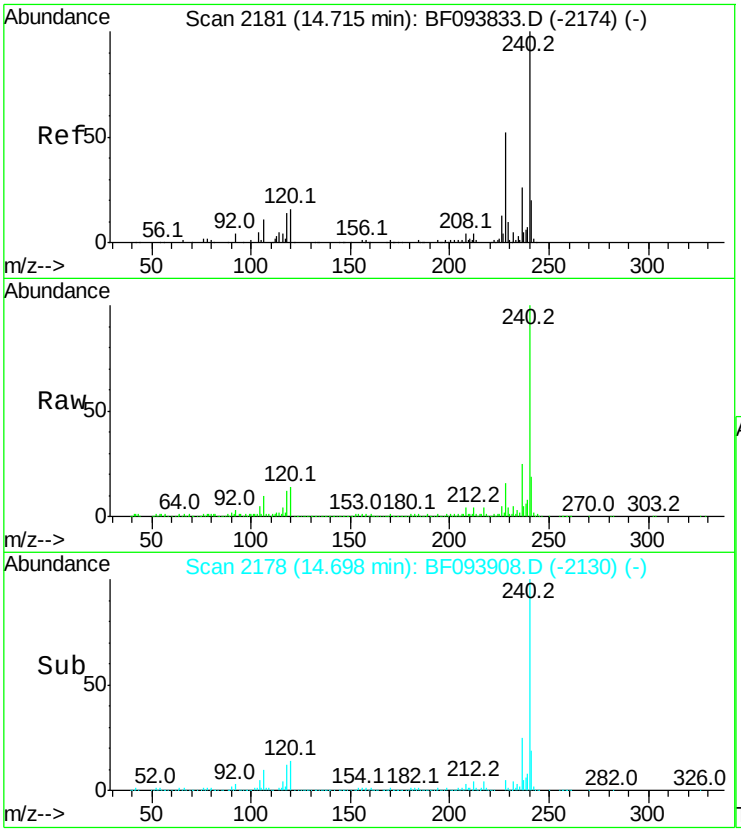


#74
Fluoranthene
Concen: 26.59 ng
RT: 12.94 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:202 Resp: 732699

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.5	0.0	38.1



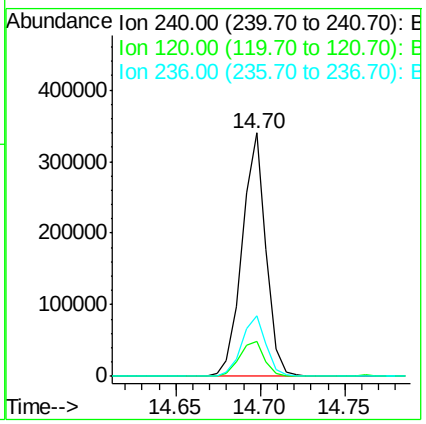


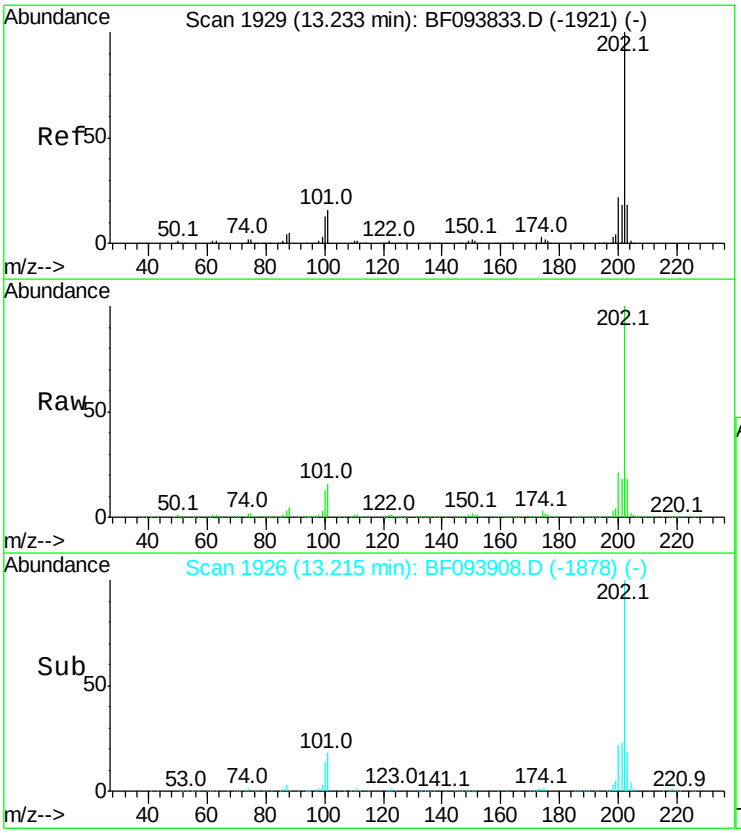
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:240 Resp: 332928

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.1	20.5	30.7

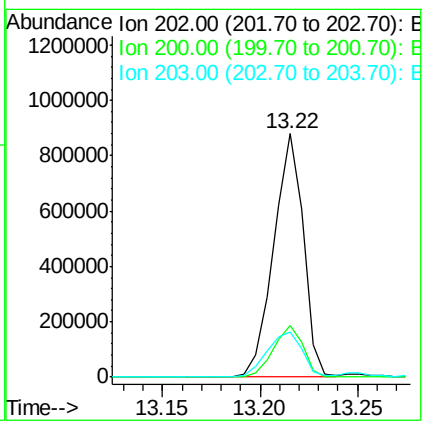


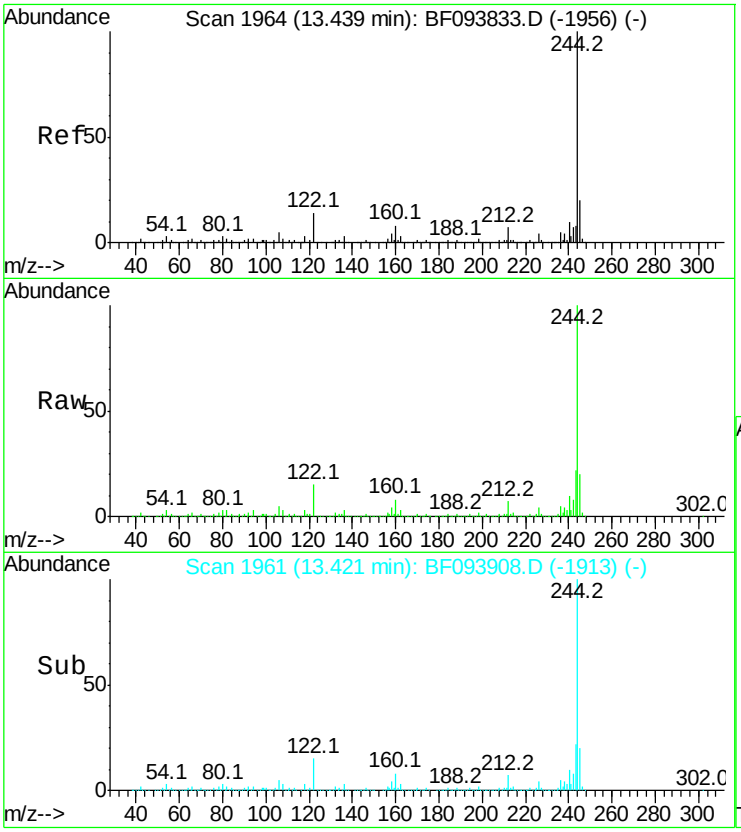


#77
Pyrene
Concen: 38.28 ng
RT: 13.22 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:202 Resp: 924953

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.4	14.4	21.6



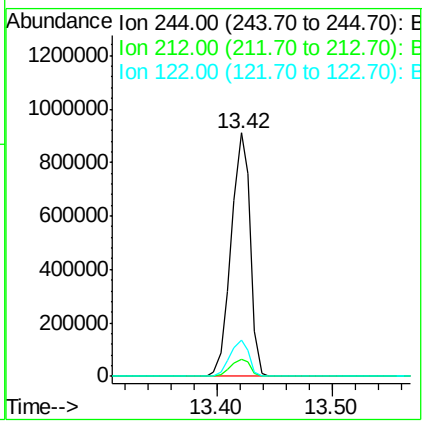


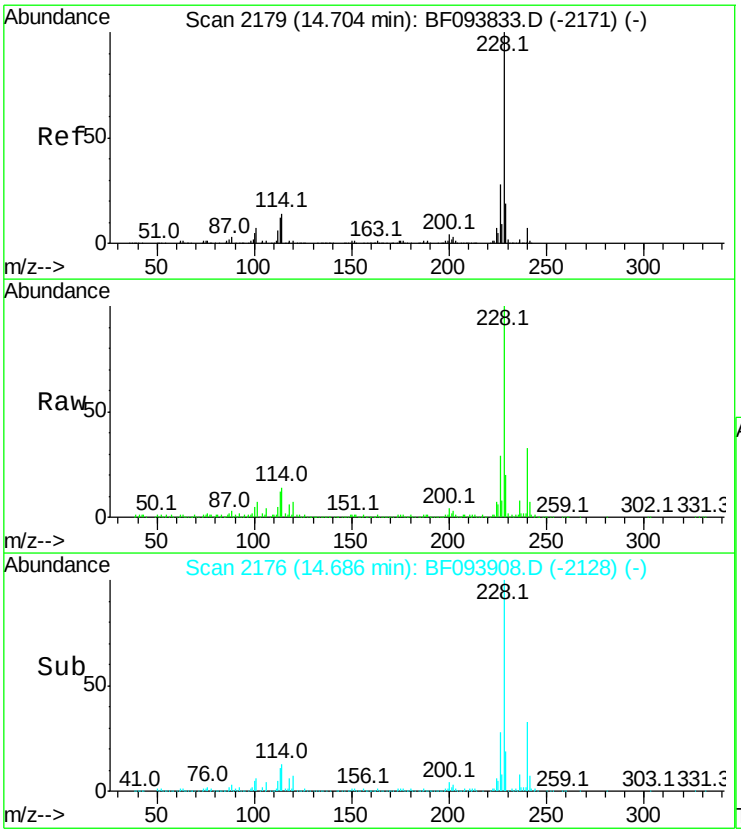
#78
Terphenyl-d14
Concen: 69.91 ng
RT: 13.42 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:244 Resp: 1038317

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.7	10.3	15.5

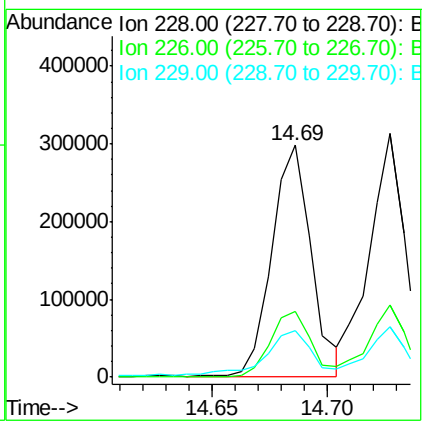


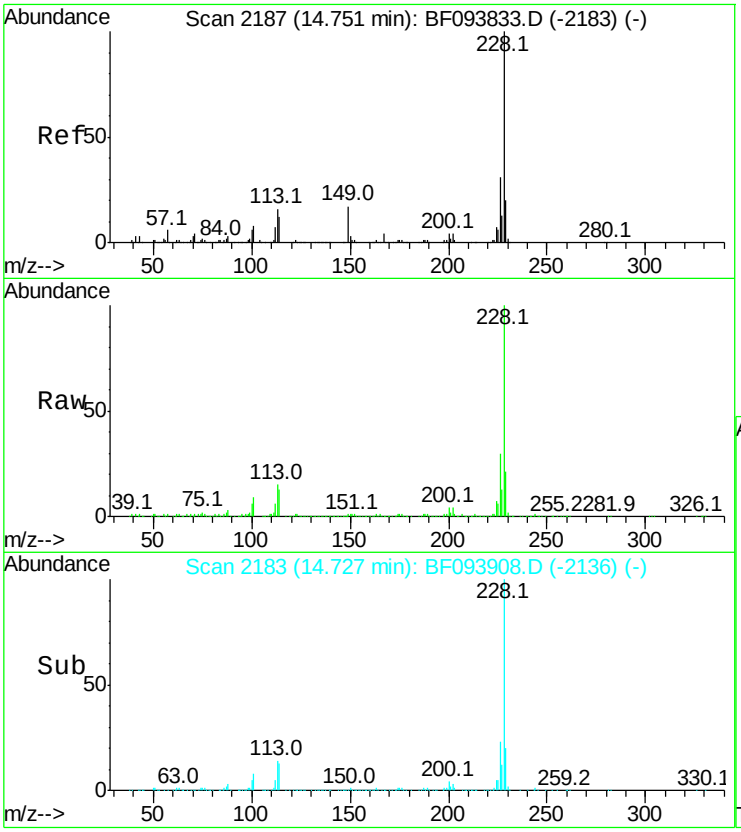


#80
Benzo(a)anthracene
Concen: 18.03 ng
RT: 14.69 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:228 Resp: 350025

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.1	16.3	24.5



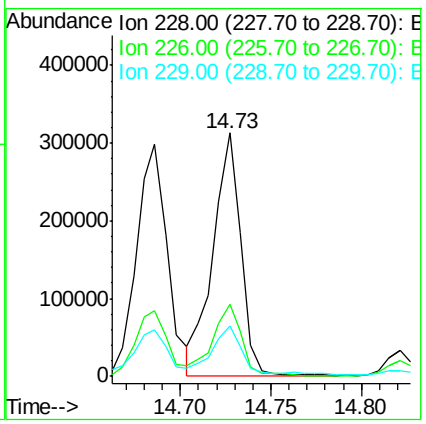


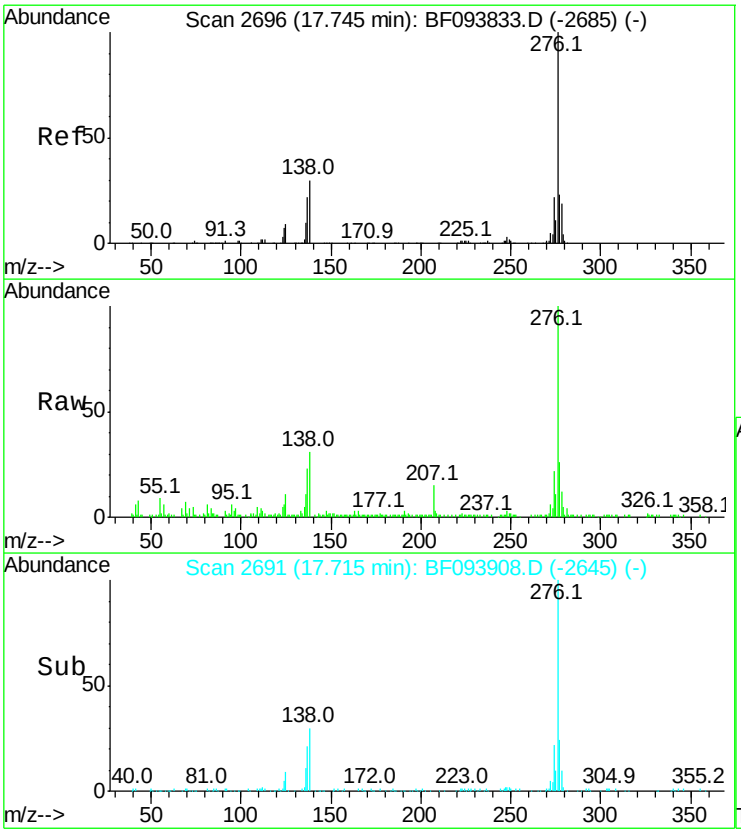
#82
Chrysene
Concen: 18.48 ng
RT: 14.73 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:228 Resp: 332865

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.7	15.8	23.6

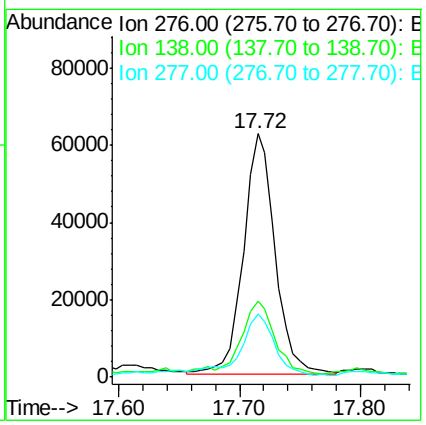


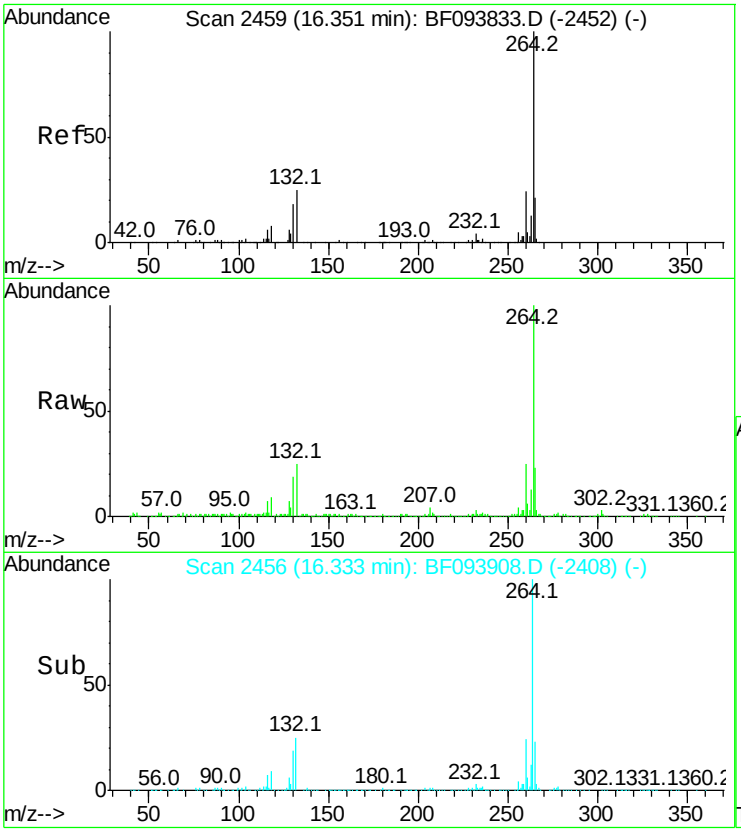


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.29 ng
RT: 17.72 min Scan# 2691
Delta R.T. -0.03 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:276 Resp: 113784

Ion	Ratio	Lower	Upper
276	100		
138	32.5	27.8	41.6
277	27.8	20.2	30.4



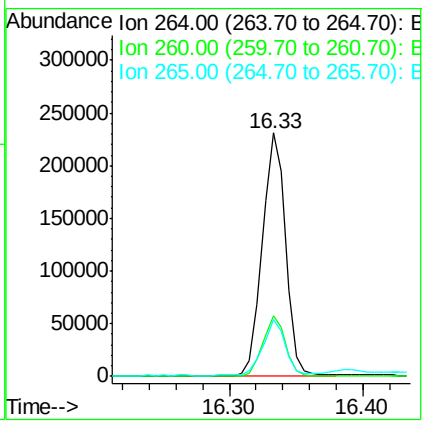


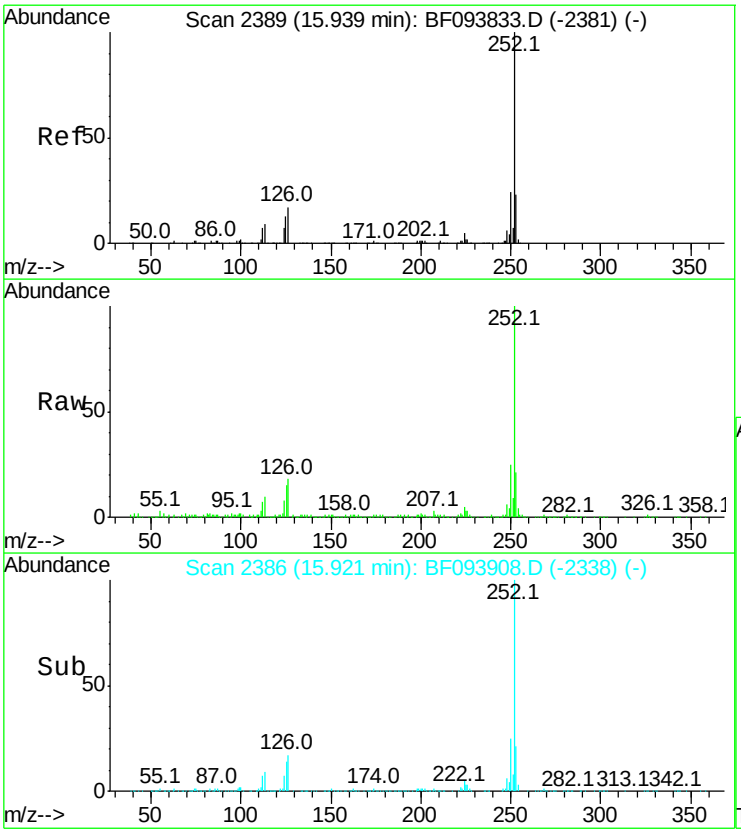
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:264 Resp: 280539

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.0	17.2	25.8

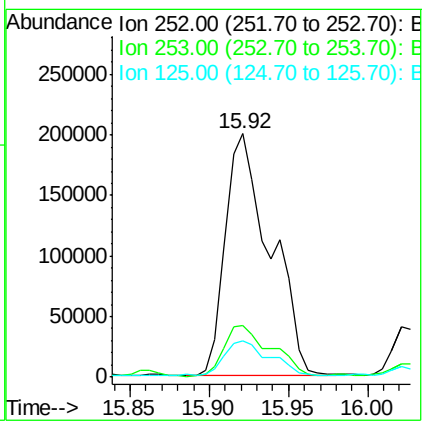


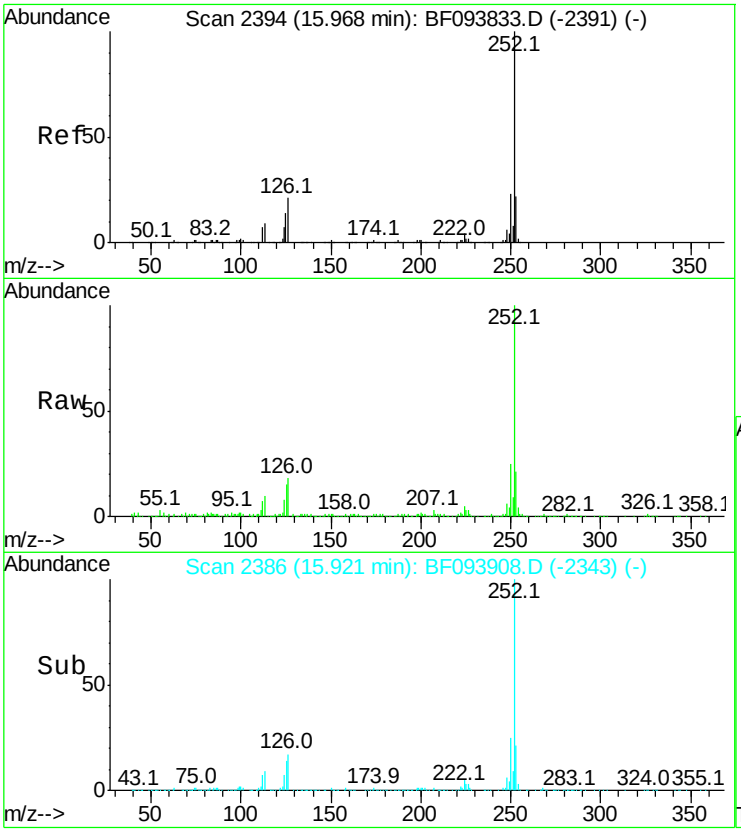


#87
Benzo(b)fluoranthene
Concen: 22.93 ng
RT: 15.92 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:252 Resp: 394292

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	14.7	9.8	14.8



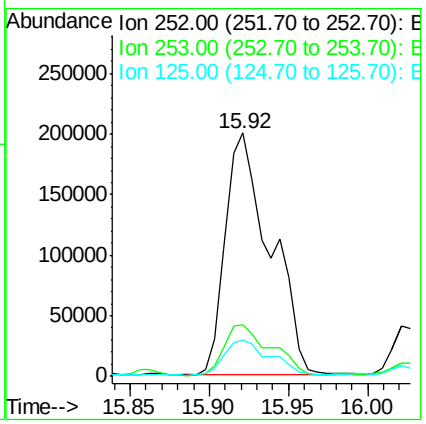


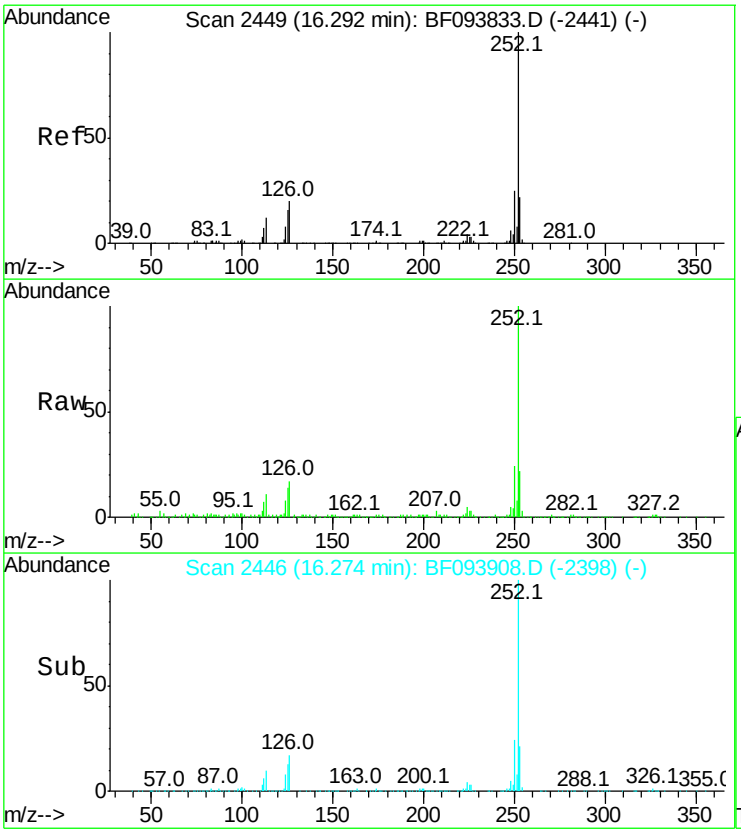
#88
Benzo(k)fluoranthene
Concen: 23.43 ng
RT: 15.92 min Scan# 2386
Delta R.T. -0.05 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

Tgt Ion:252 Resp: 394292

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.4	27.6
125	14.7	13.1	19.7

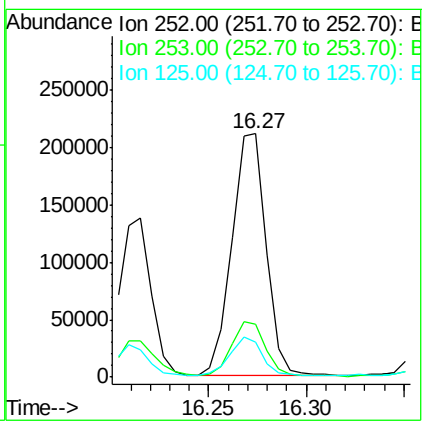


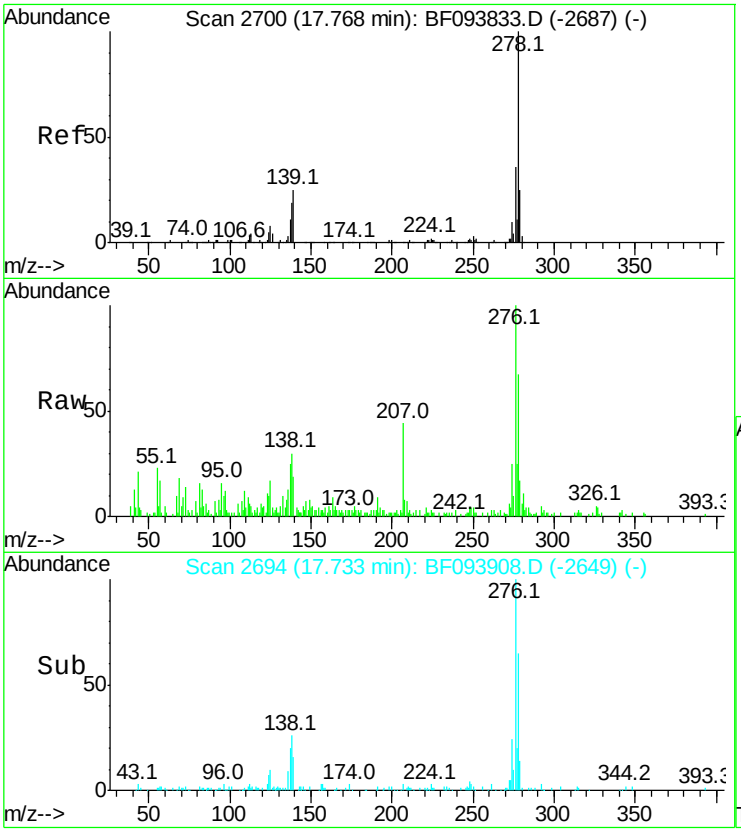


#89
Benzo(a)pyrene
Concen: 16.14 ng
RT: 16.27 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:252 Resp: 255603

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.2	11.0	16.4



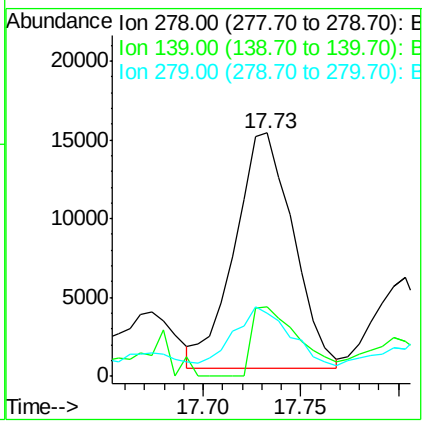


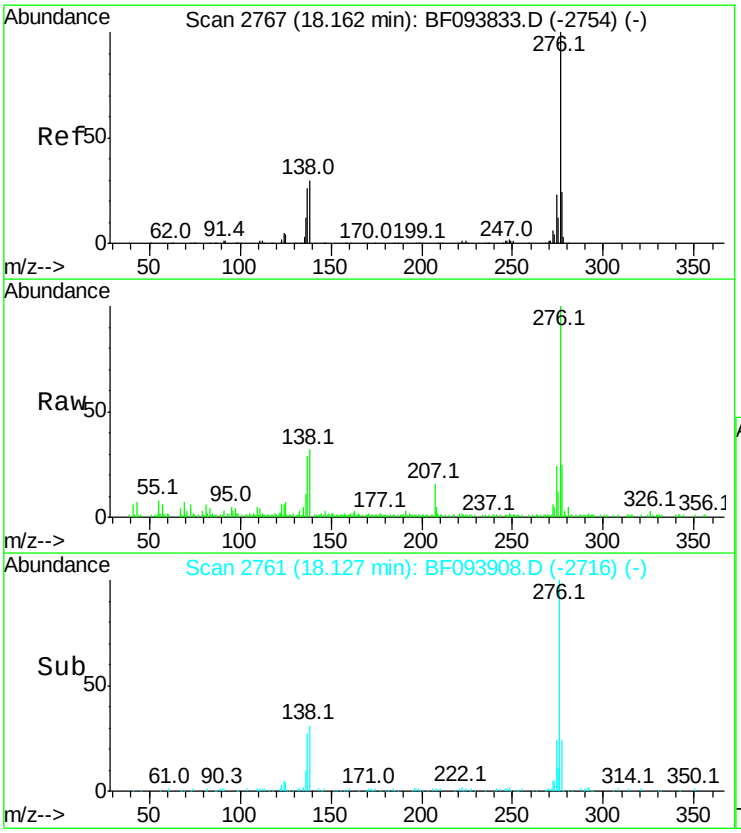
#90
Dibenzo(a,h)anthracene
Concen: 2.32 ng
RT: 17.73 min Scan# 2694
Delta R.T. -0.04 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Instrument :
BNA_F
ClientSampleId :
E2-CC10-ESW

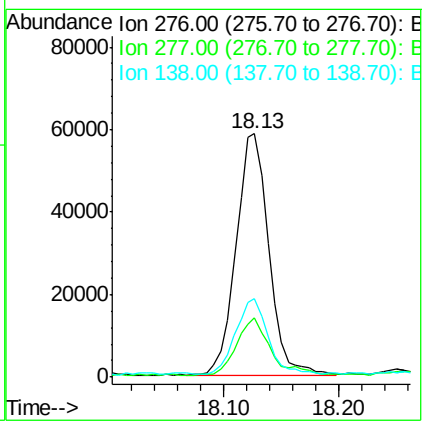
Tgt Ion:278 Resp: 31170

Ion	Ratio	Lower	Upper
278	100		
139	28.7	16.6	24.8#
279	25.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 8.52 ng
RT: 18.13 min Scan# 2761
Delta R.T. -0.04 min
Lab File: BF093908.D
Acq: 24 Mar 2017 15:07

Tgt Ion:276 Resp: 115110

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	32.3	25.4	38.0