Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093875.D
Acq On : 23 Mar 2017 11:18
Operator : SJ/MA
Sample : I2337-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Q14-ESW

Quant Time: Mar 23 17:11:12 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	5.99	152	182512	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	710441	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	289211	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	422087	20.00	ng	0.00
75) Chrysene-d12	14.71	240	333785	20.00	ng	0.00
86) Perylene-d12	16.35	264	284547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.51	112	1016940	94.11	ng	0.00
7) Phenol-d6	5.57	99	1365900	102.18	ng	0.00
23) Nitrobenzene-d5	6.63	82	912690	73.32	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	201851	88.32	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1273399	67.16	ng	0.00
78) Terphenyl-d14	13.43	244	650762	43.70	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.58	94	67048	4.41	ng	92
49) Dimethylphthalate	9.30	163	149431	7.27	ng	98
70) Phenanthrene	11.49	178	103186	4.39	ng	95
74) Fluoranthene	12.95	202	216946	9.02	ng	99
77) Pyrene	13.23	202	227971	9.41	ng	97
80) Benzo(a)anthracene	14.70	228	124676	6.41	ng	95
82) Chrysene	14.74	228	118811	6.58	ng	95
85) Indeno(1,2,3-cd)pyrene	17.73	276	93904	6.00	ng	98
87) Benzo(b)fluoranthene	15.93	252	203227m	11.65	ng	
88) Benzo(k)fluoranthene	15.96	252	58533m	3.43	ng	
89) Benzo(a)pyrene	16.29	252	147279	9.17	ng	97
91) Benzo(g,h,i)perylene	18.14	276	97097	7.08	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093875.D
Acq On : 23 Mar 2017 11:18
Operator : SJ/MA
Sample : I2337-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

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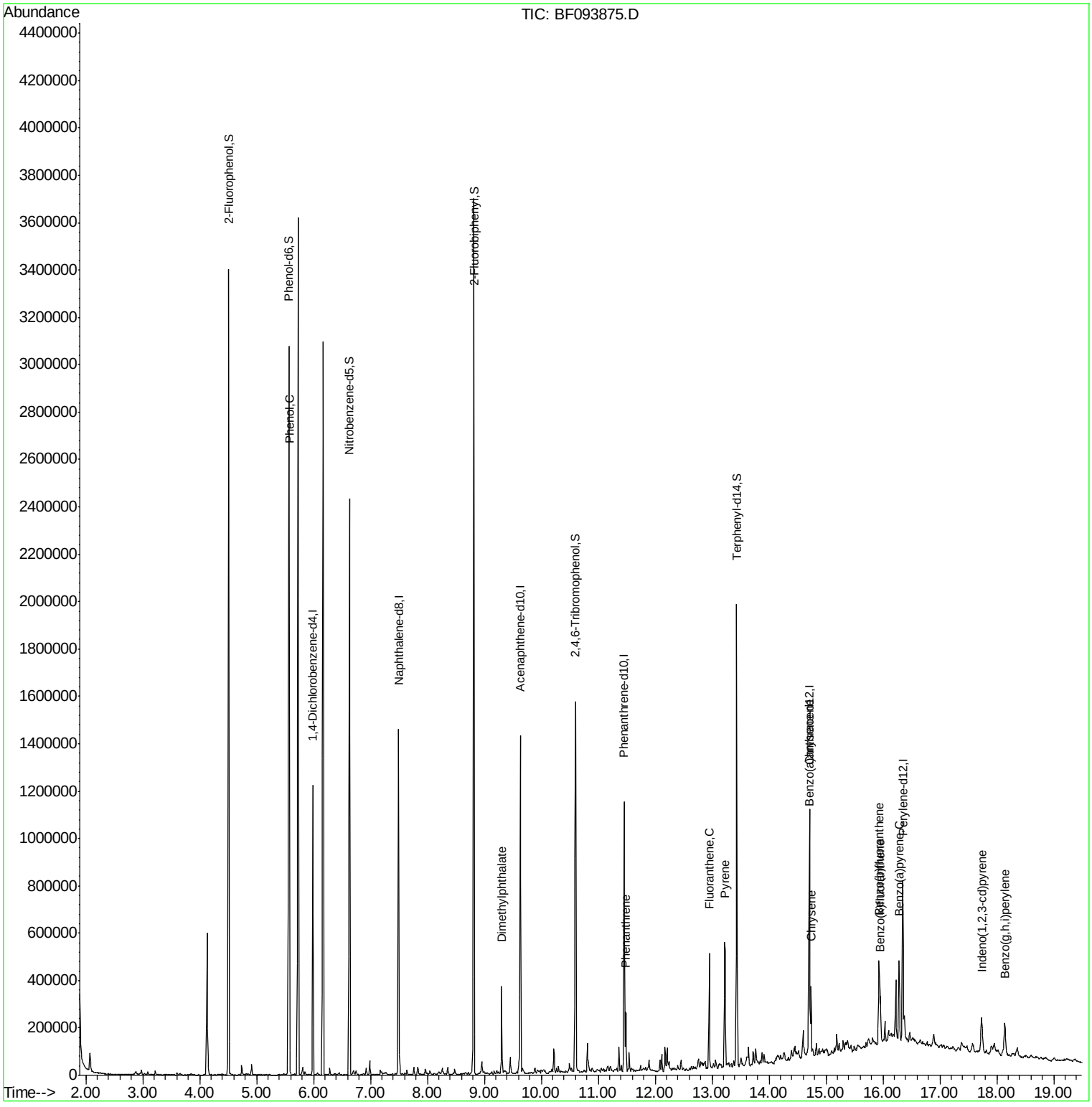
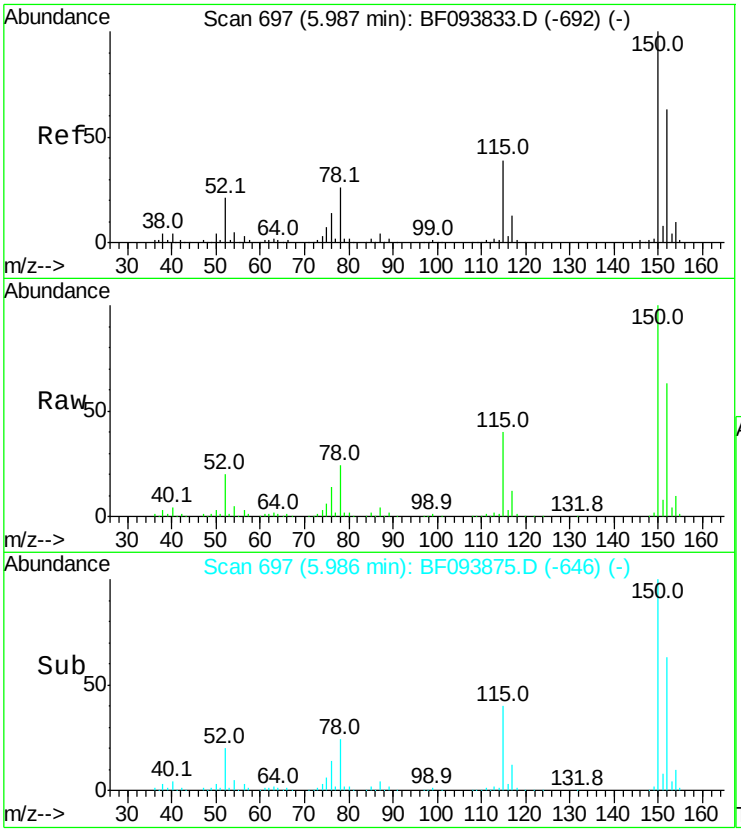


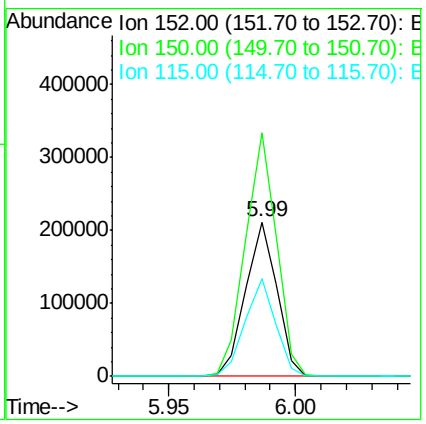


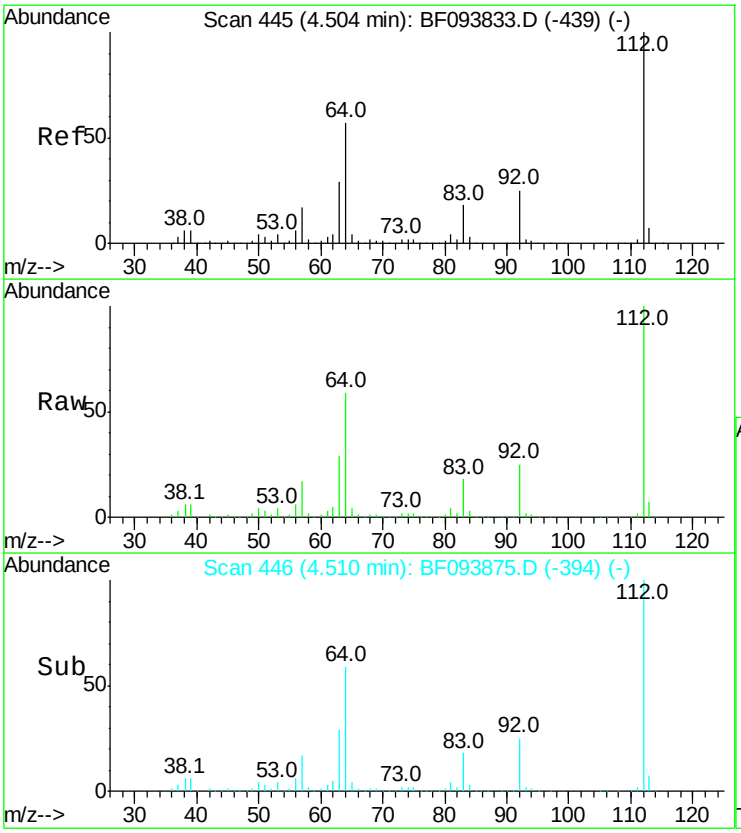
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:152 Resp: 182512

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	63.1	52.2	78.2

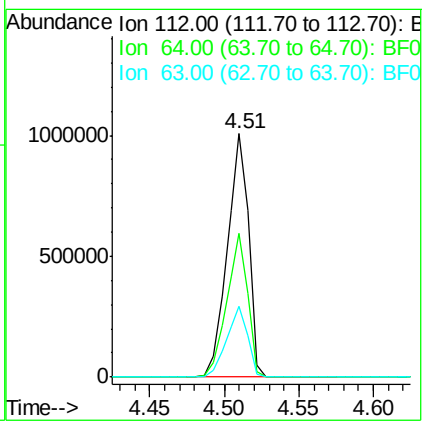


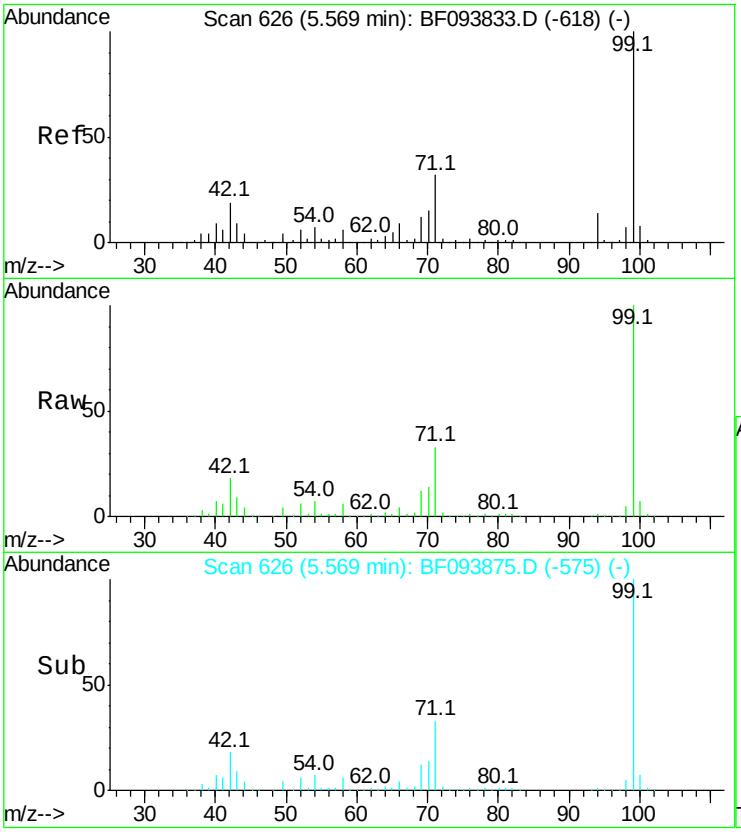


#5
2-Fluorophenol
Concen: 94.11 ng
RT: 4.51 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:112 Resp: 1016940

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	29.1	23.4	35.0



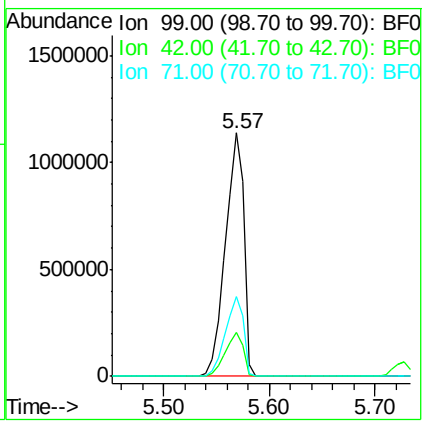


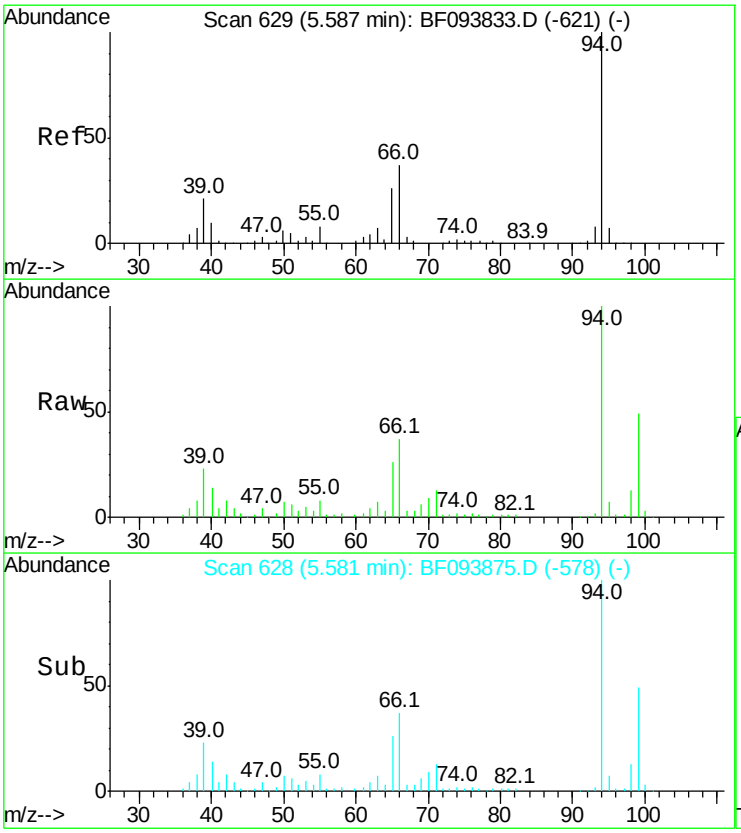
#7
Phenol-d6
Concen: 102.18 ng
RT: 5.57 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion: 99 Resp: 1365900

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	32.9	24.5	36.7

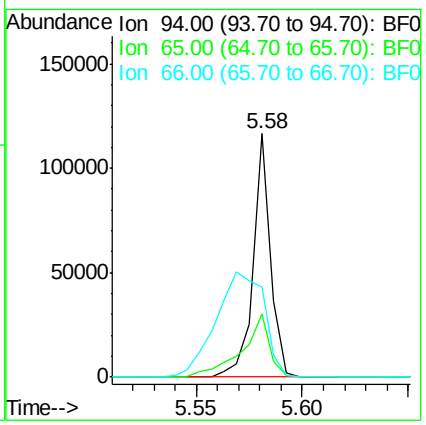


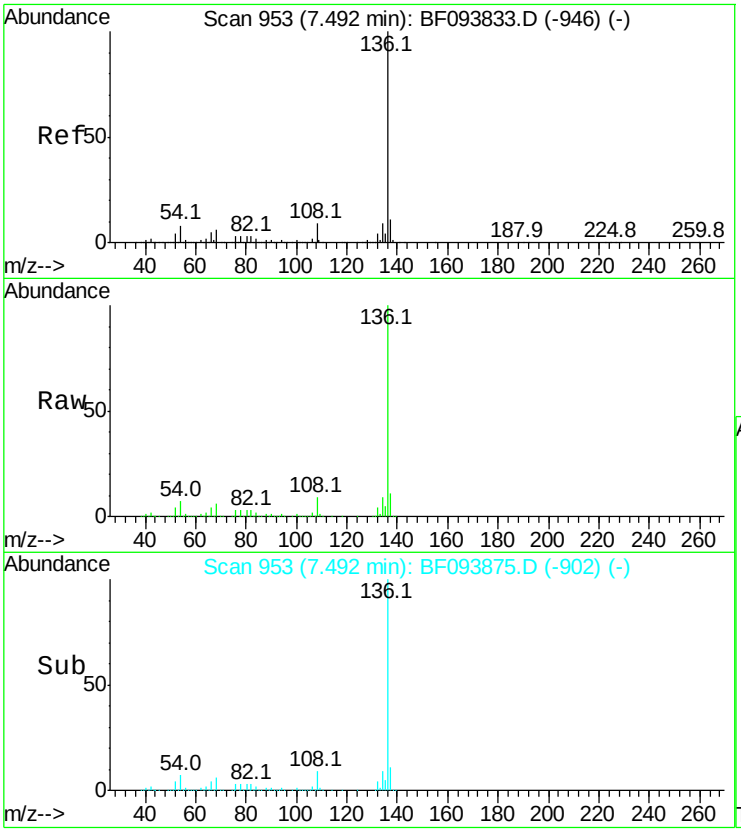


#10
Phenol
Concen: 4.41 ng
RT: 5.58 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion: 94 Resp: 67048

Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	37.1	23.1	63.1



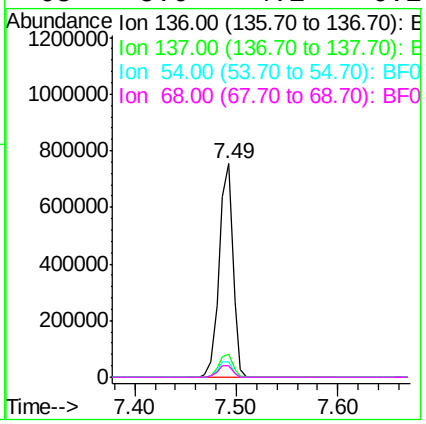


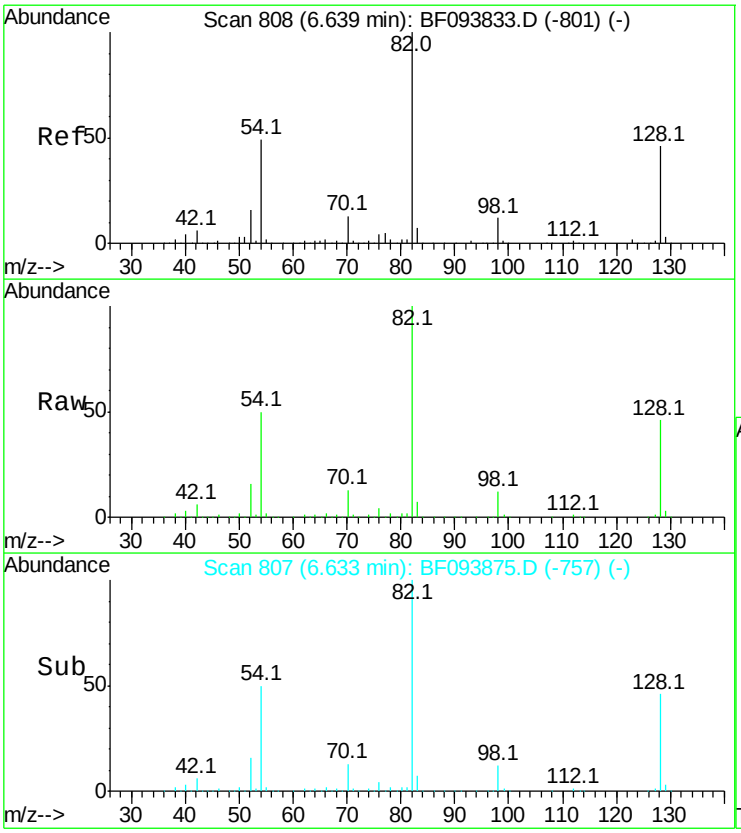
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:136 Resp: 710441

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.9	4.9	7.3
68	5.6	4.1	6.1

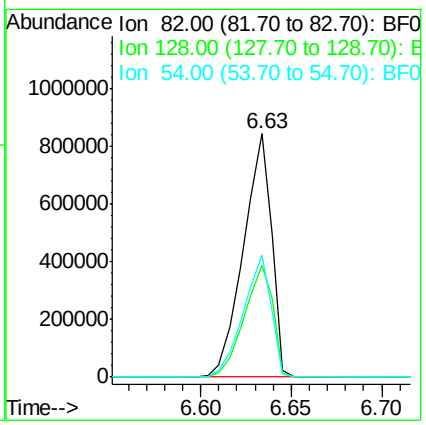


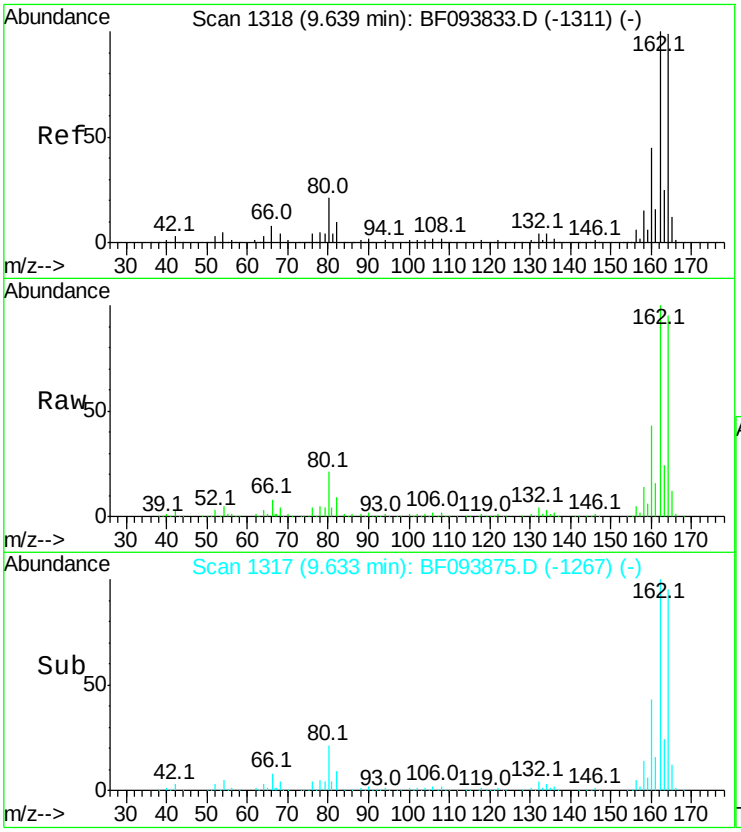


#23
Nitrobenzene-d5
Concen: 73.32 ng
RT: 6.63 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion: 82 Resp: 912690

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	50.2	42.2	63.2



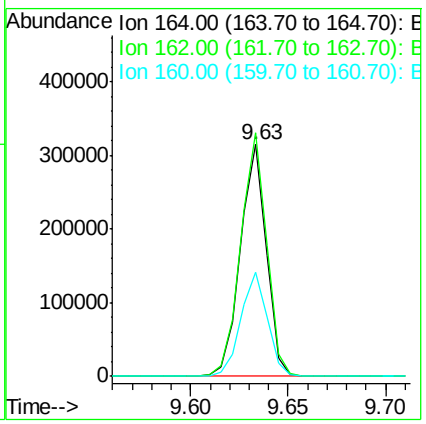


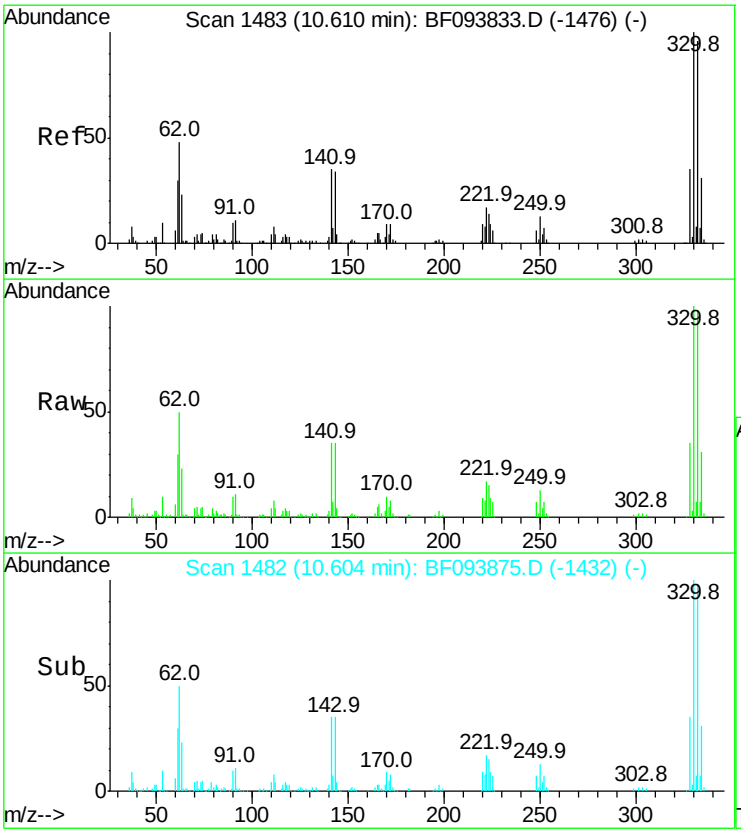
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:164 Resp: 289211

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	44.8	36.2	54.2

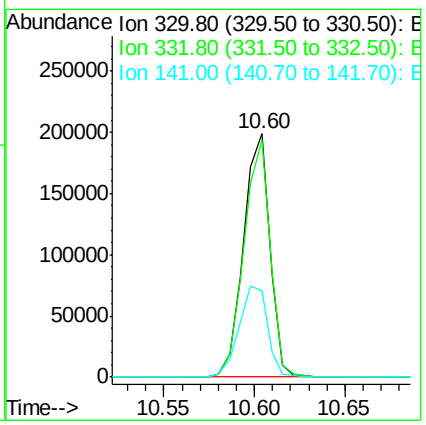


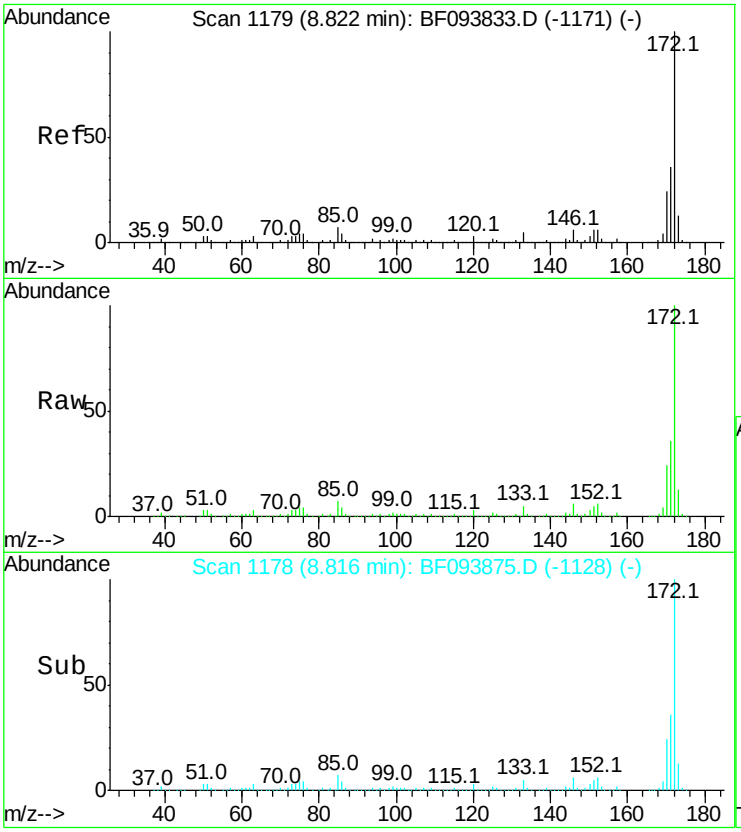


#41
2,4,6-Tribromophenol
Concen: 88.32 ng
RT: 10.60 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:330 Resp: 201851

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	41.1	31.4	47.2



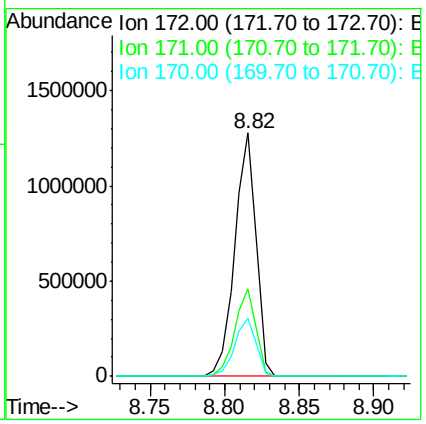


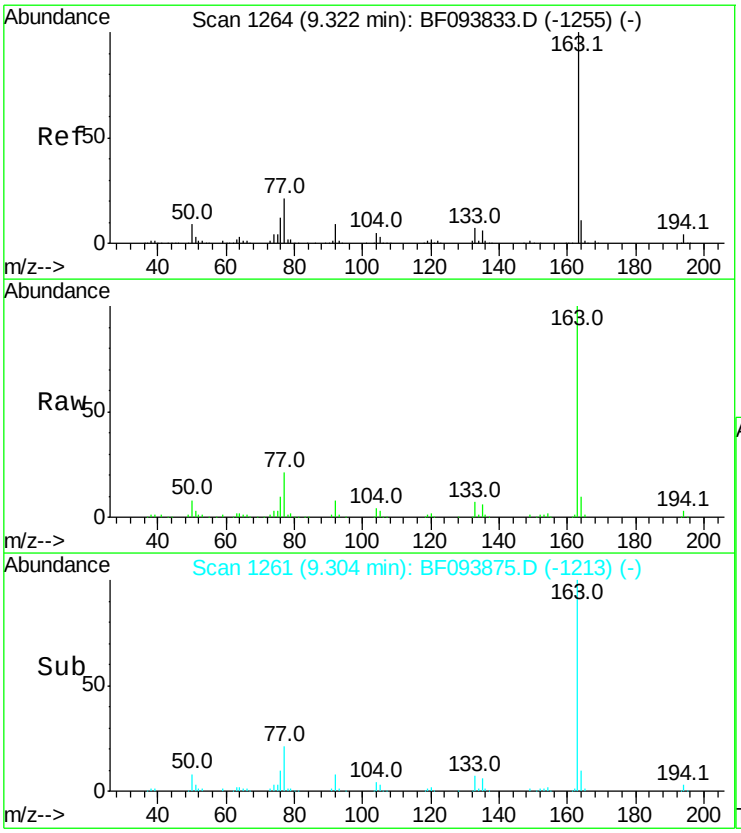
#44
2-Fluorobiphenyl
Concen: 67.16 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:172 Resp: 1273399

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8

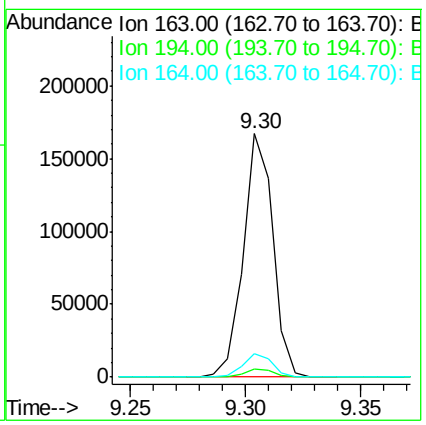


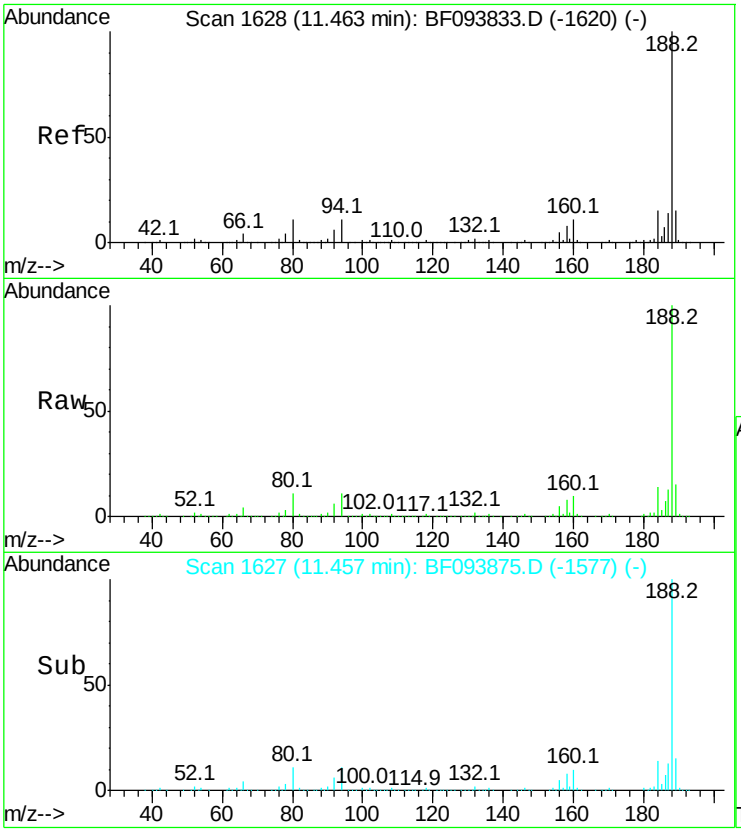


#49
Dimethylphthalate
Concen: 7.27 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:163 Resp: 149431

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.5	8.4	12.6



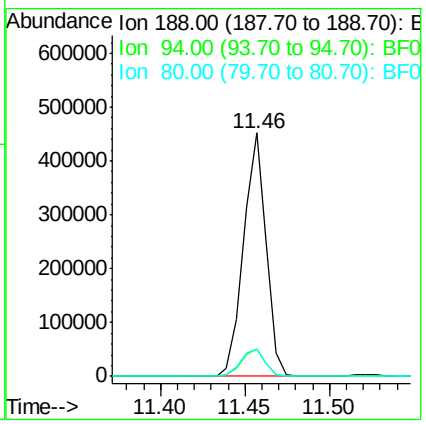


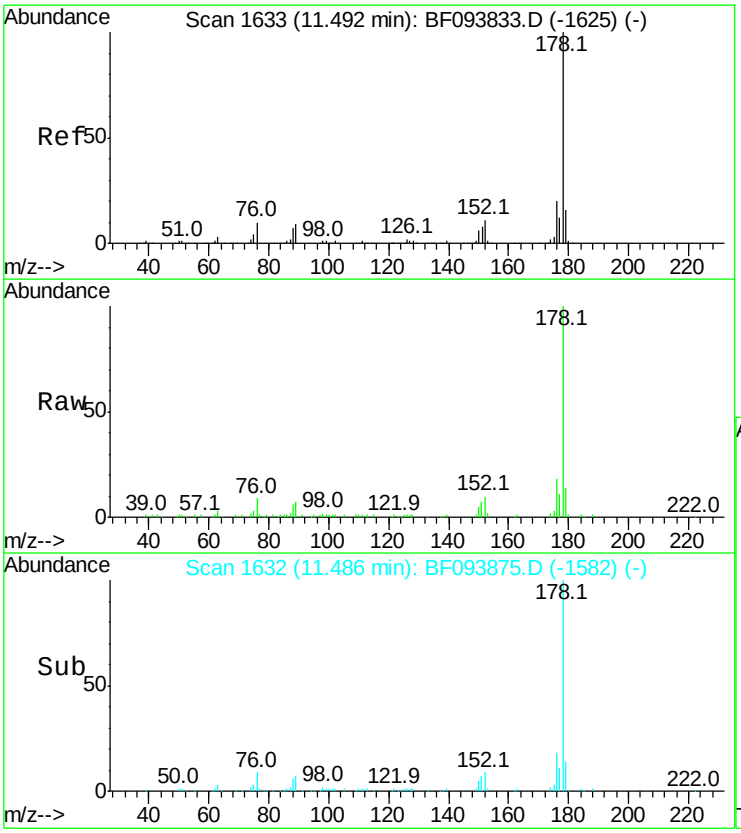
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:188 Resp: 422087

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.2	10.2	15.2

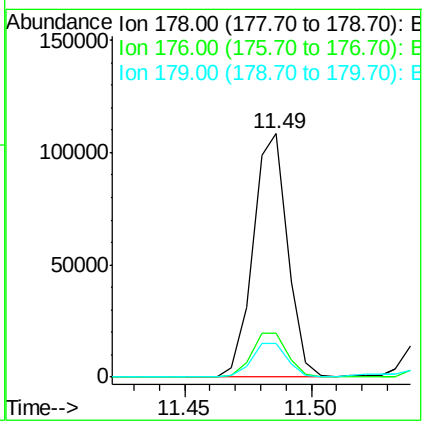


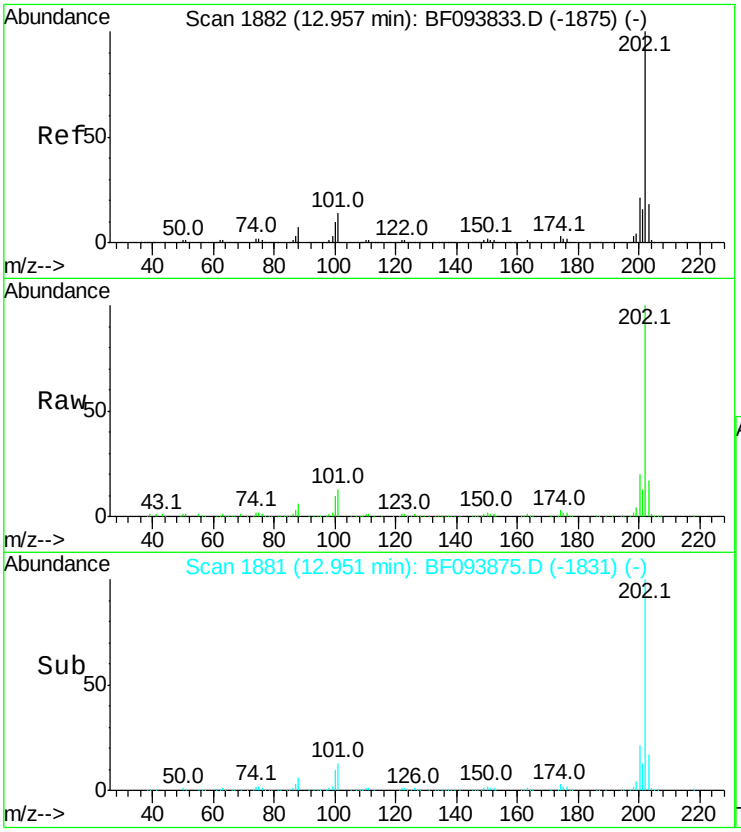


#70
Phenanthrene
Concen: 4.39 ng
RT: 11.49 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:178 Resp: 103186

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	13.6	12.6	19.0



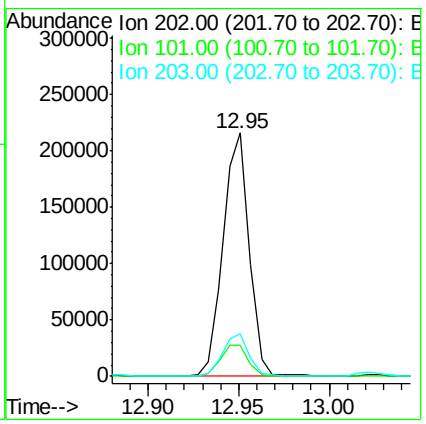


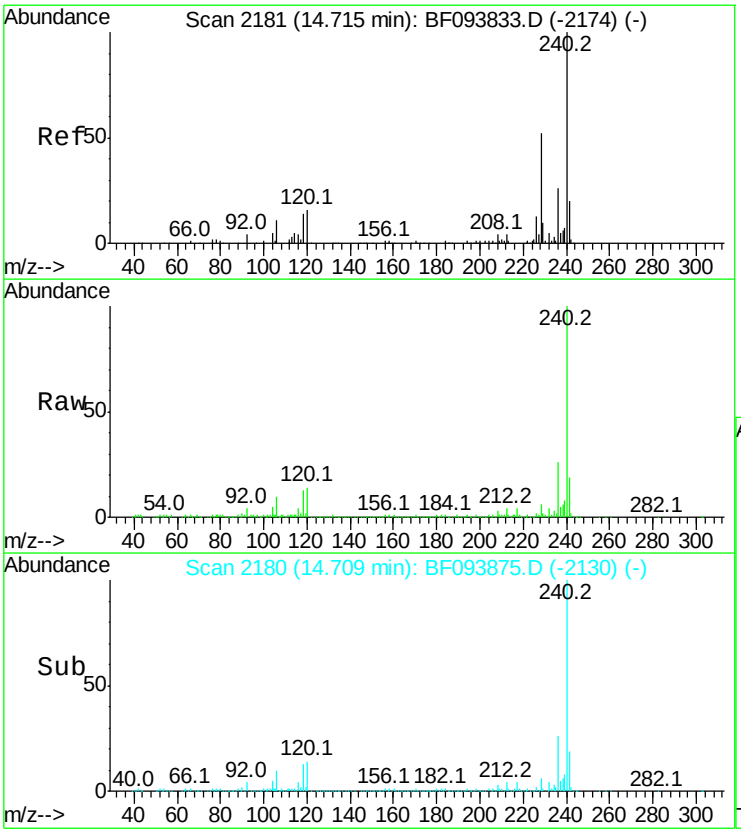
#74
Fluoranthene
Concen: 9.02 ng
RT: 12.95 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:202 Resp: 216946

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.3	0.0	38.1

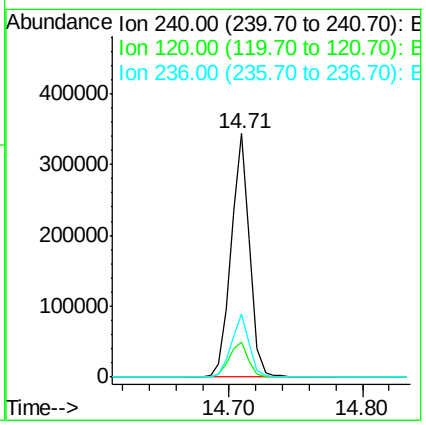


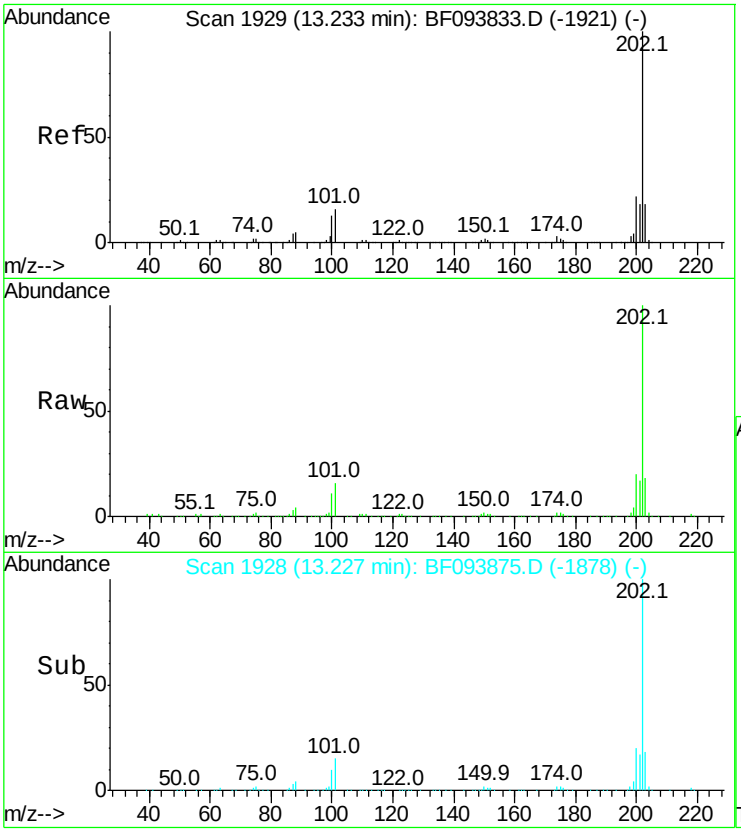


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:240 Resp: 333785

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.8	20.5	30.7



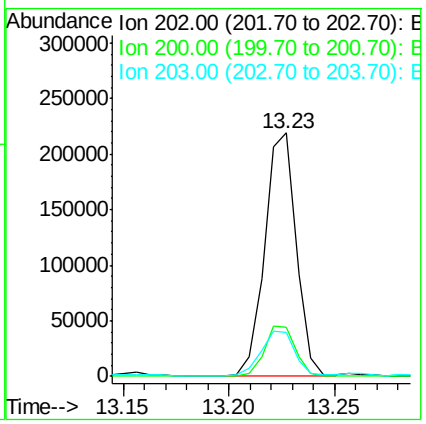


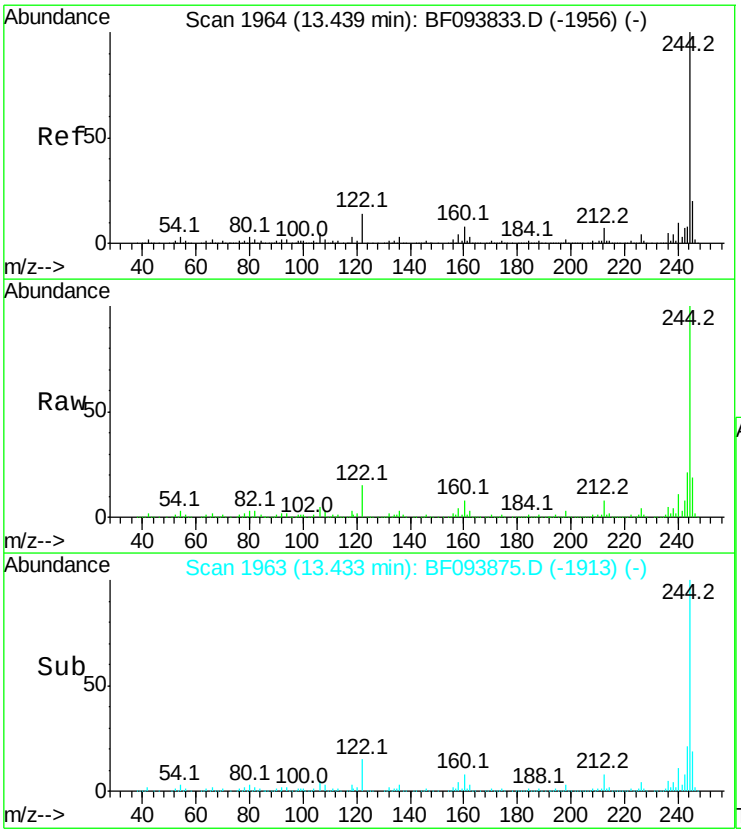
#77
Pyrene
Concen: 9.41 ng
RT: 13.23 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:202 Resp: 227971

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	18.2	14.4	21.6

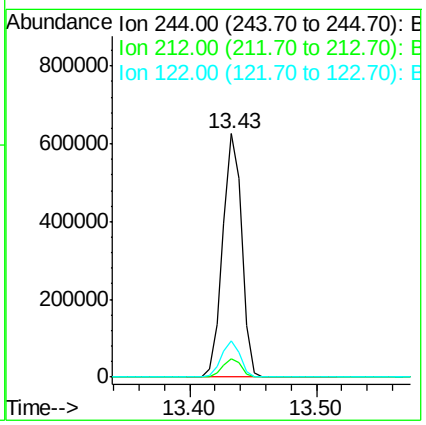


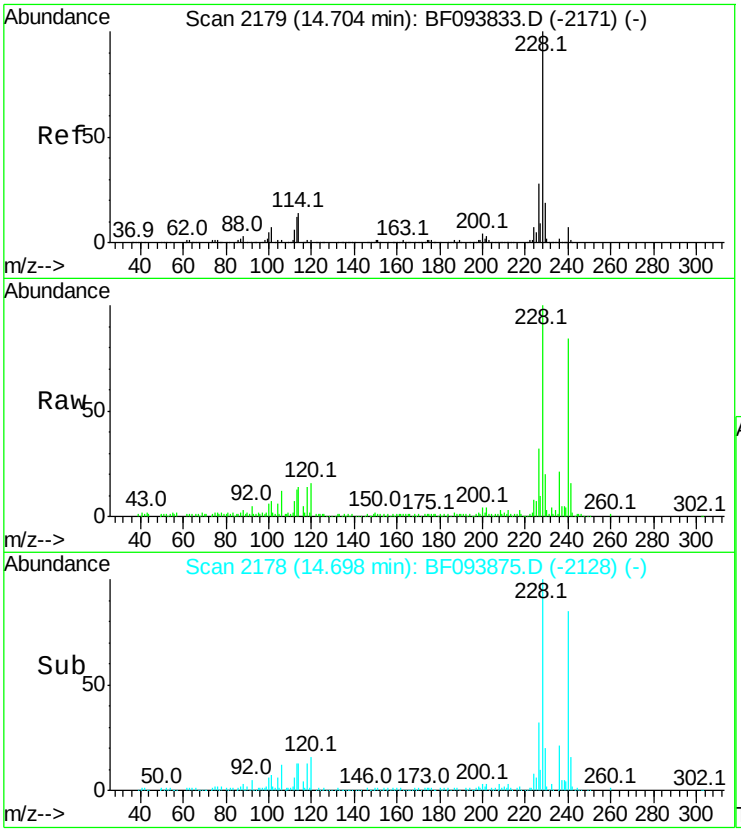


#78
Terphenyl-d14
Concen: 43.70 ng
RT: 13.43 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:244 Resp: 650762

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	15.1	10.3	15.5



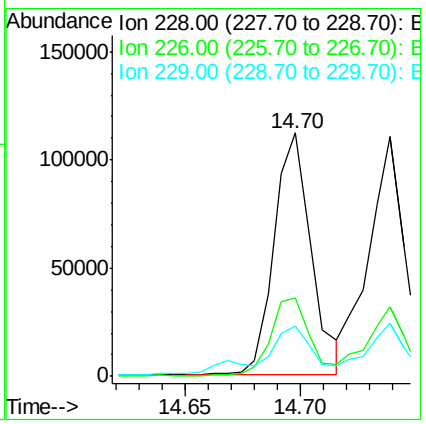


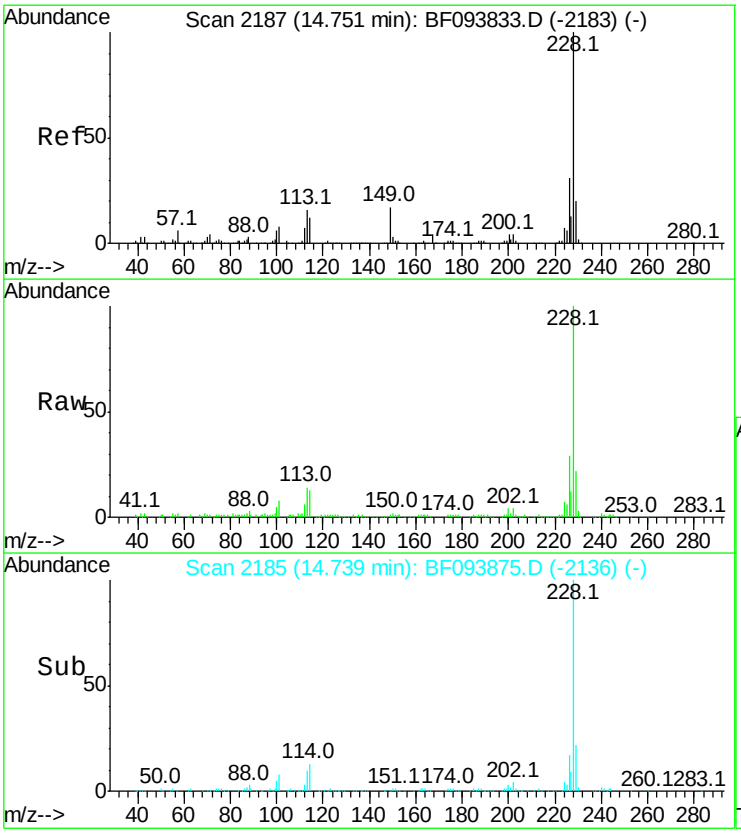
#80
Benzo(a)anthracene
Concen: 6.41 ng
RT: 14.70 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:228 Resp: 124676

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	20.5	16.3	24.5

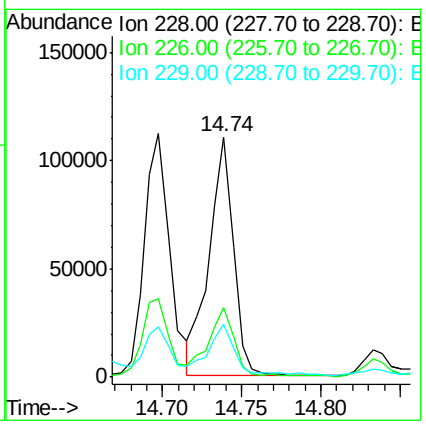


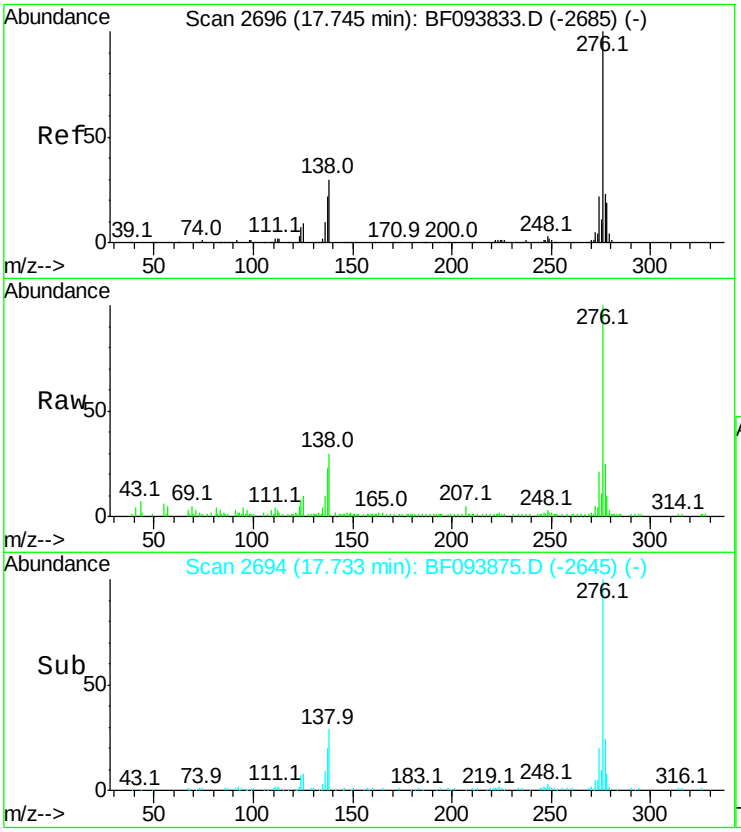


#82
Chrysene
Concen: 6.58 ng
RT: 14.74 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:228 Resp: 118811

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	22.2	15.8	23.6



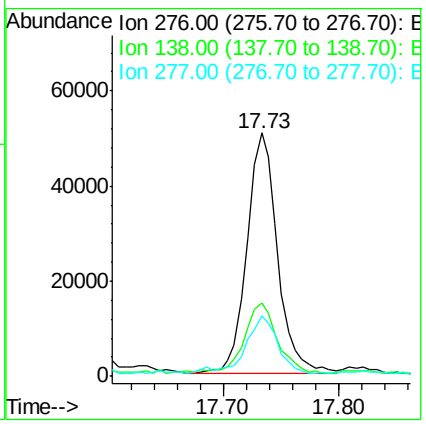


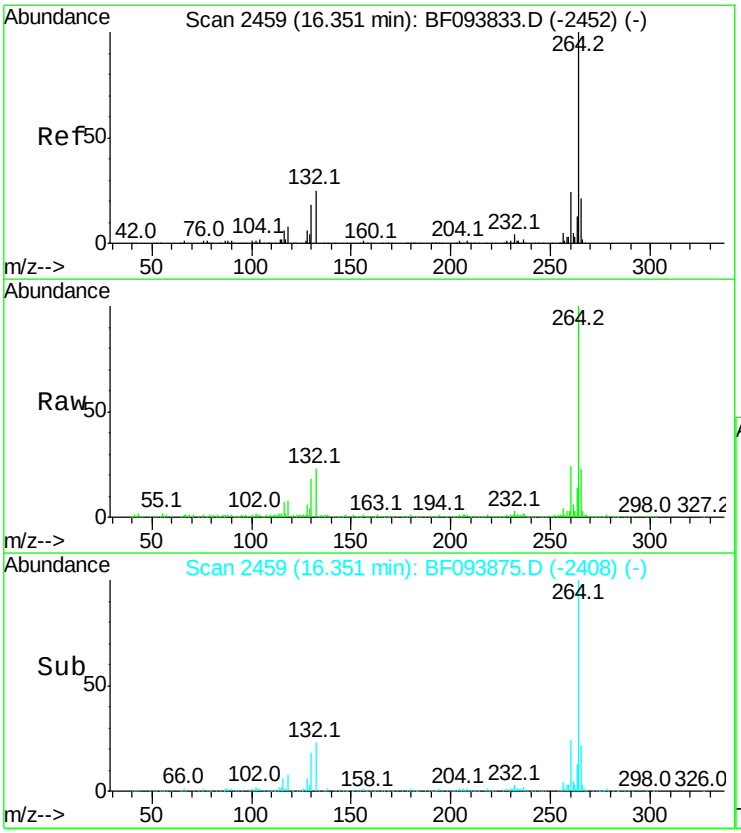
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.00 ng
RT: 17.73 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:276 Resp: 93904

Ion	Ratio	Lower	Upper
276	100		
138	32.5	27.8	41.6
277	25.0	20.2	30.4

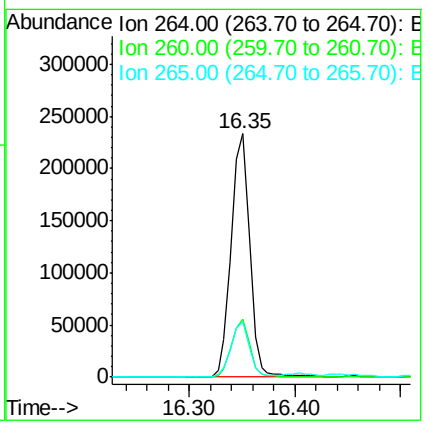


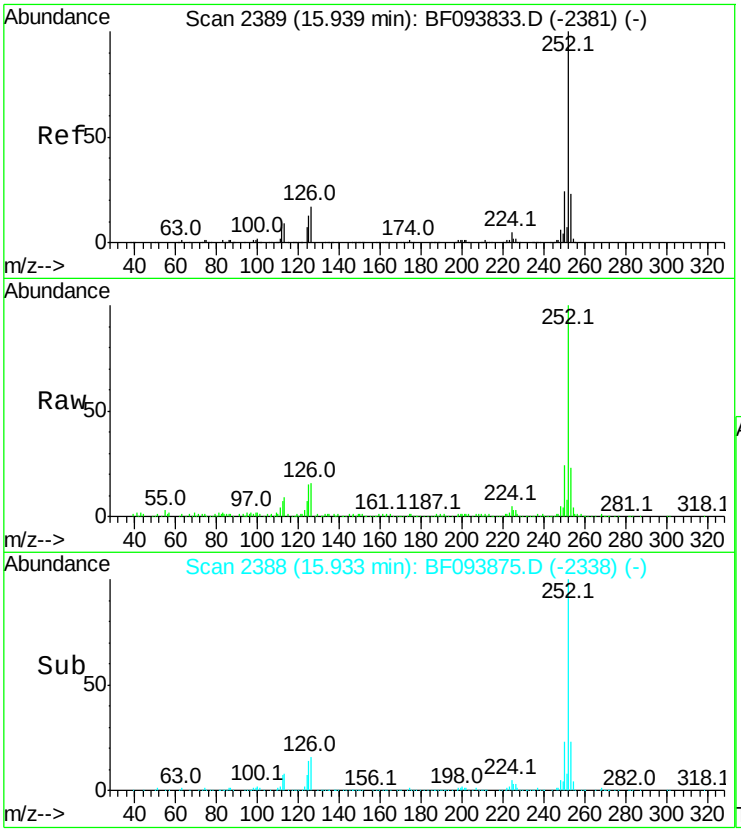


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.35 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:264 Resp: 284547

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.5	17.2	25.8



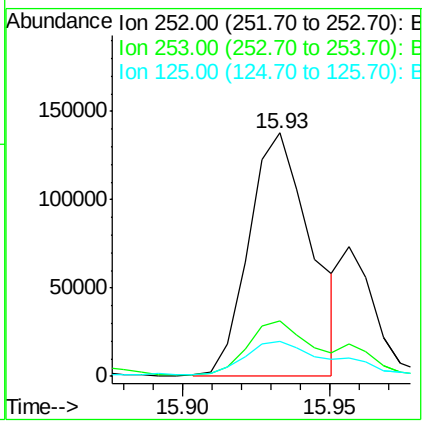


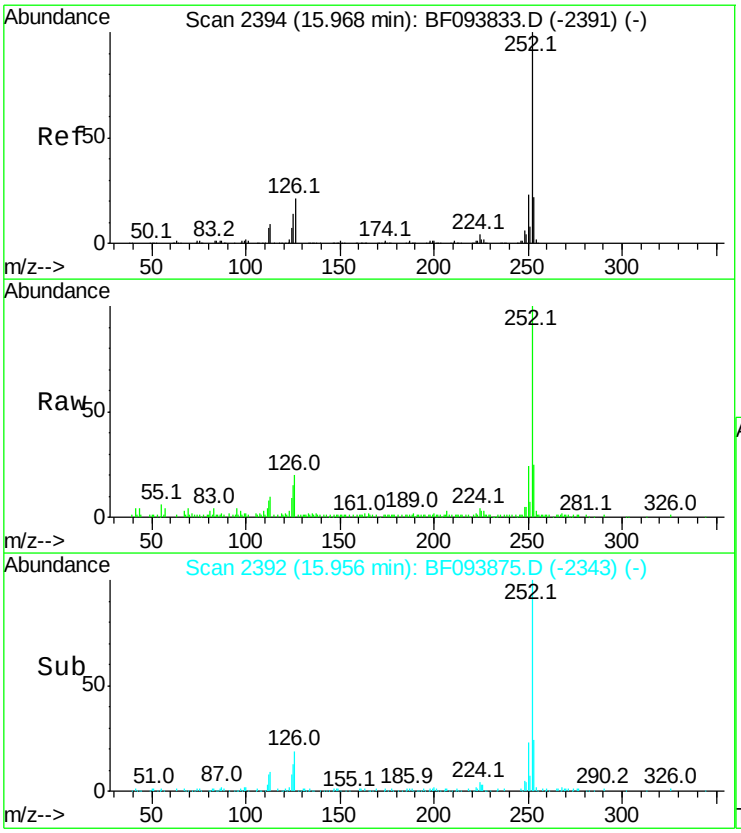
#87
Benzo(b)fluoranthene
Concen: 11.65 ng m
RT: 15.93 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:252 Resp: 203227

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	14.5	9.8	14.8

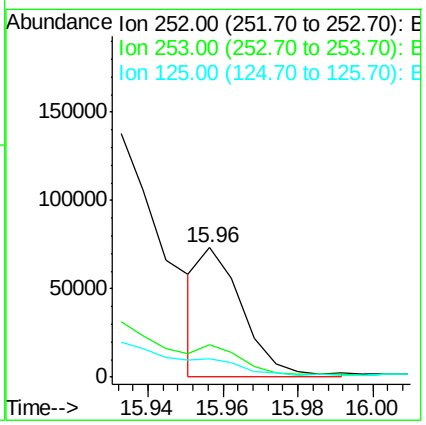


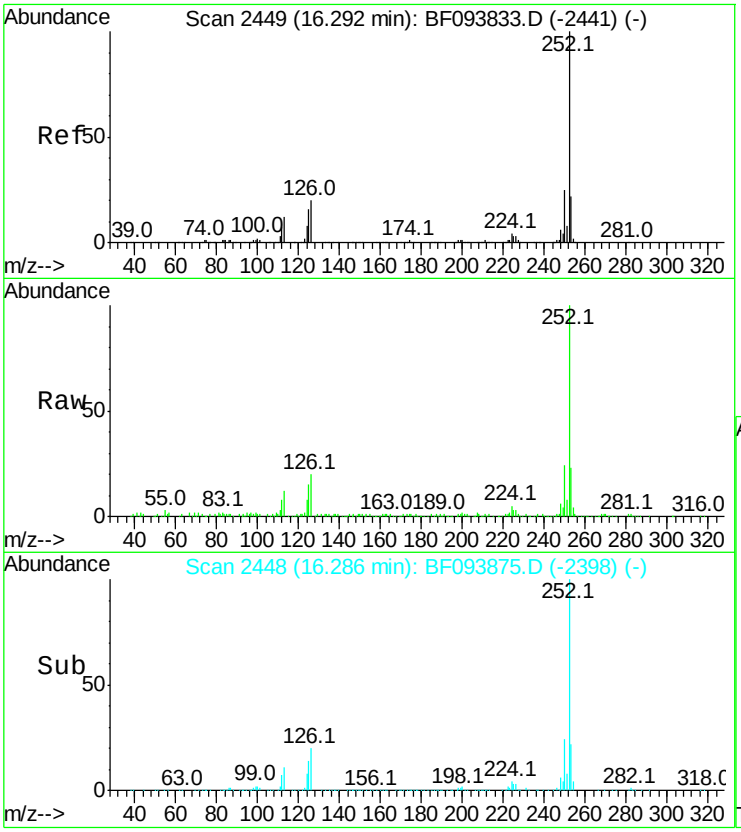


#88
Benzo(k)fluoranthene
Concen: 3.43 ng m
RT: 15.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:252 Resp: 58533

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	14.7	13.1	19.7



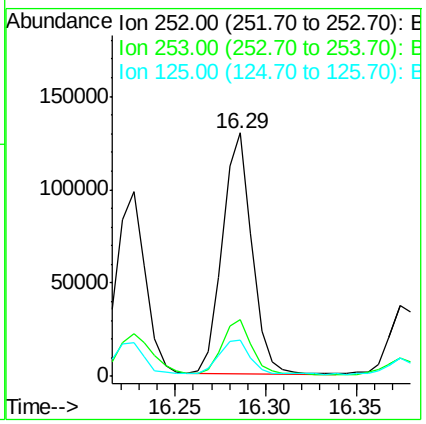


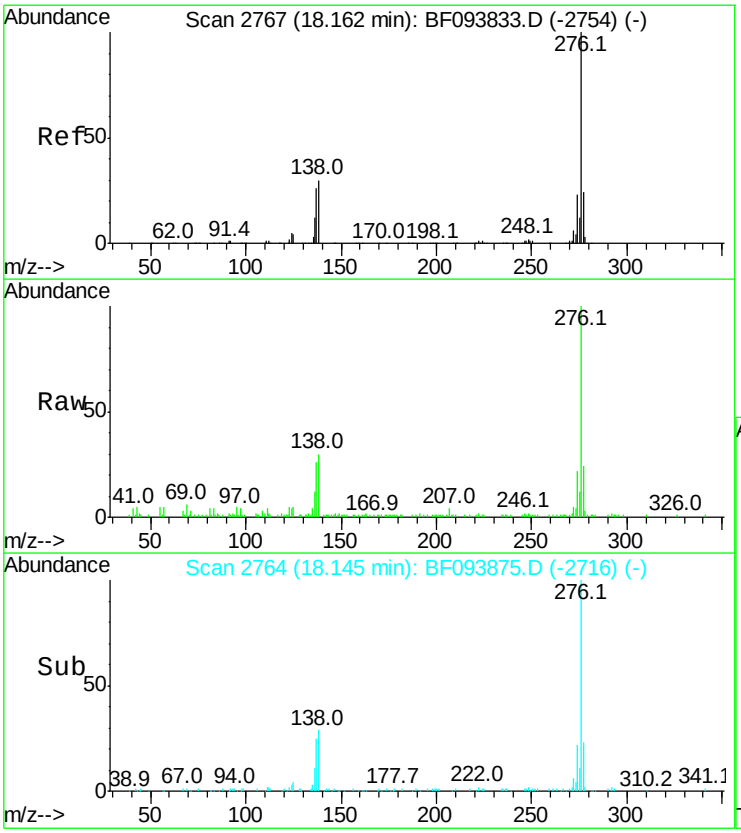
#89
Benzo(a)pyrene
Concen: 9.17 ng
RT: 16.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-Q14-ESW

Tgt Ion:252 Resp: 147279

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.9	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.08 ng
RT: 18.14 min Scan# 2764
Delta R.T. -0.02 min
Lab File: BF093875.D
Acq: 23 Mar 2017 11:18

Tgt Ion:276 Resp: 97097

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	30.1	25.4	38.0