Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094203.D
Acq On : 5 Apr 2017 21:38
Operator : SJ/MA
Sample : I2522-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-8(0-2)

Quant Time: Apr 06 01:10:20 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	5.86	152	177989	20.00	ng		-0.04
21) Naphthalene-d8	7.36	136	714101	20.00	ng		-0.05
38) Acenaphthene-d10	9.50	164	308685	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	502979	20.00	ng		-0.05
75) Chrysene-d12	14.57	240	344620	20.00	ng		-0.05
86) Perylene-d12	16.20	264	300609	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	931378	88.38	ng		-0.04
7) Phenol-d6	5.47	99	1192849	91.50	ng		-0.04
23) Nitrobenzene-d5	6.51	82	731359	58.45	ng		-0.05
41) 2,4,6-Tribromophenol	10.47	330	210960	86.48	ng		-0.05
44) 2-Fluorobiphenyl	8.69	172	1240205	61.28	ng		-0.05
78) Terphenyl-d14	13.30	244	781382	50.82	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.51	70	96250	11.49	ng	#	77
49) Dimethylphthalate	9.18	163	113270	5.16	ng		97
56) 2,4-Dinitrotoluene	9.50	165	39224	6.21	ng	#	33
70) Phenanthrene	11.35	178	87567	3.13	ng		97
74) Fluoranthene	12.82	202	140003	4.89	ng		98
77) Pyrene	13.09	202	118525	4.74	ng		97
80) Benzo(a)anthracene	14.56	228	50778	2.53	ng		98
82) Chrysene	14.60	228	53769	2.88	ng		99
87) Benzo(b)fluoranthene	15.80	252	82425	4.47	ng	#	91
88) Benzo(k)fluoranthene	15.80	252	82425	4.57	ng		94
89) Benzo(a)pyrene	16.14	252	40469	2.38	ng	#	92

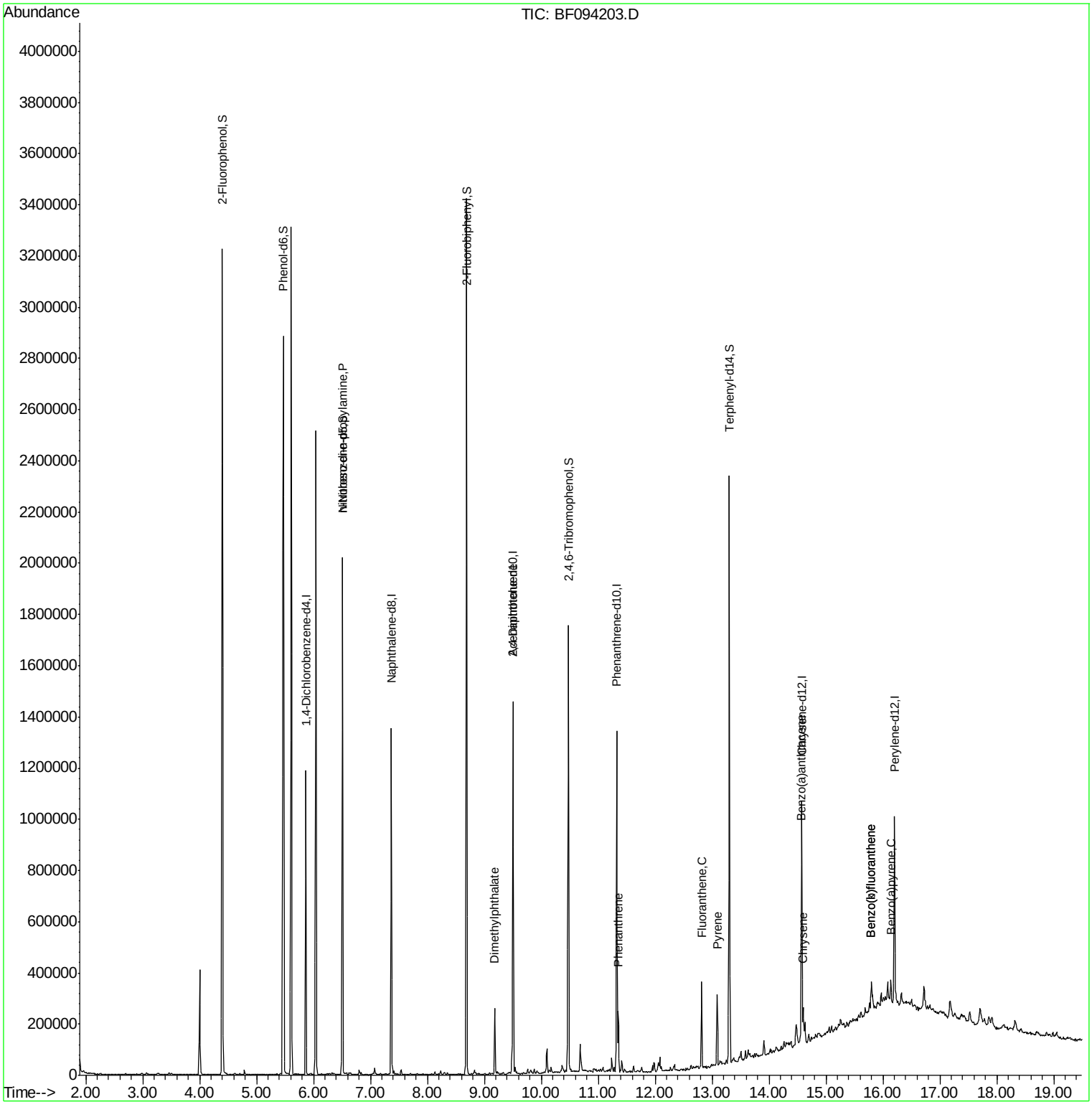
(#) = qualifier out of range (m) = manual integration (+) = signals summed

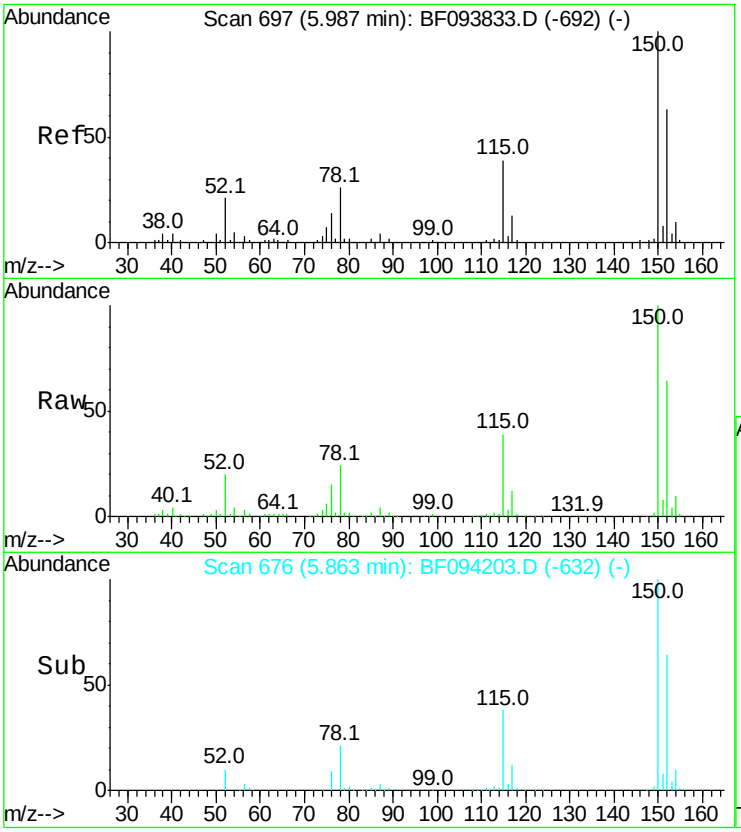
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094203.D
Acq On : 5 Apr 2017 21:38
Operator : SJ/MA
Sample : I2522-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Quant Time: Apr 06 01:10:20 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



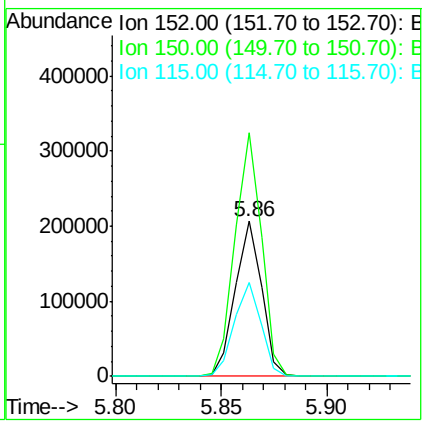


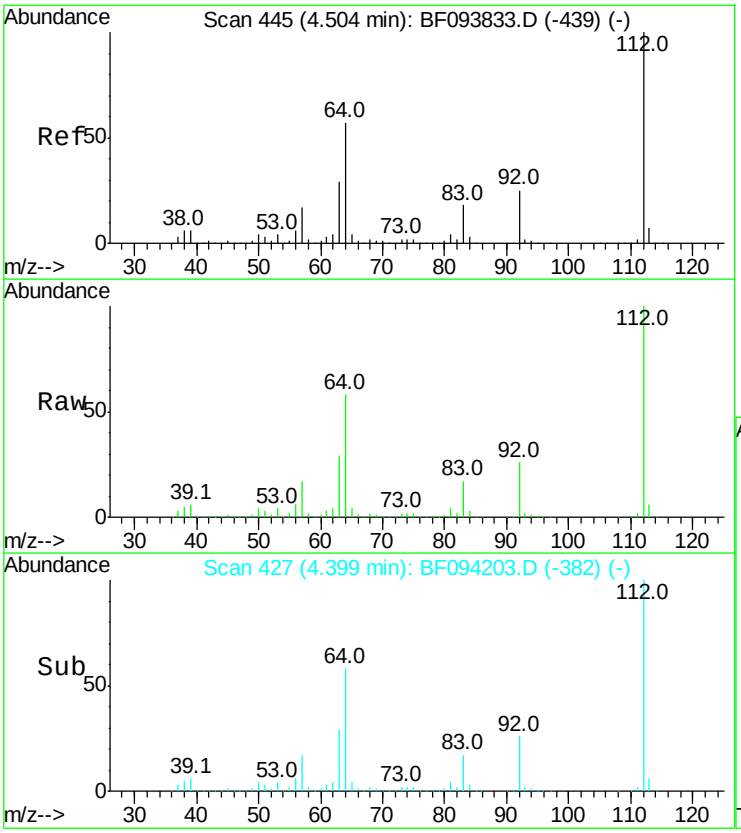
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:152 Resp: 177989

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	60.6	52.2	78.2

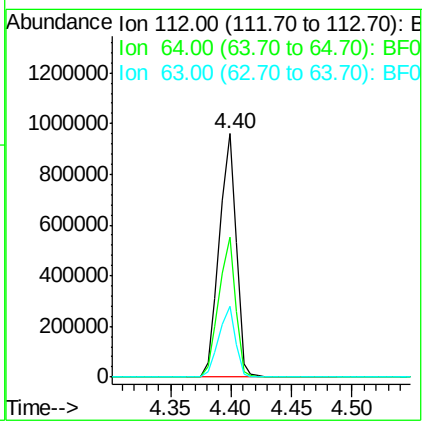


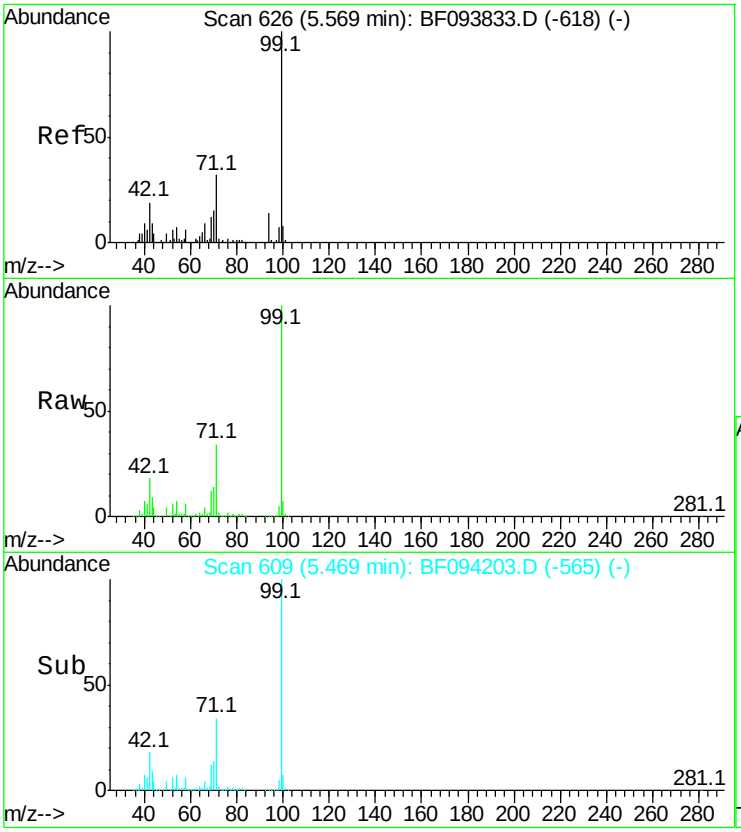


#5
2-Fluorophenol
Concen: 88.38 ng
RT: 4.40 min Scan# 427
Delta R.T. -0.04 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:112 Resp: 931378

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	29.0	23.4	35.0



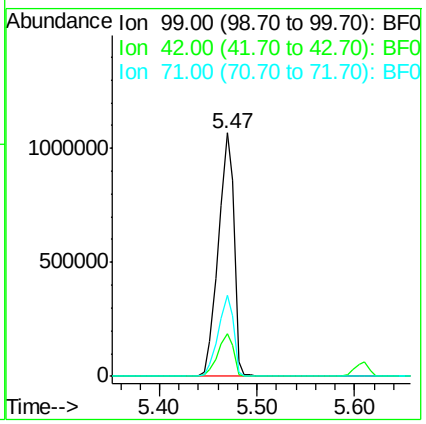


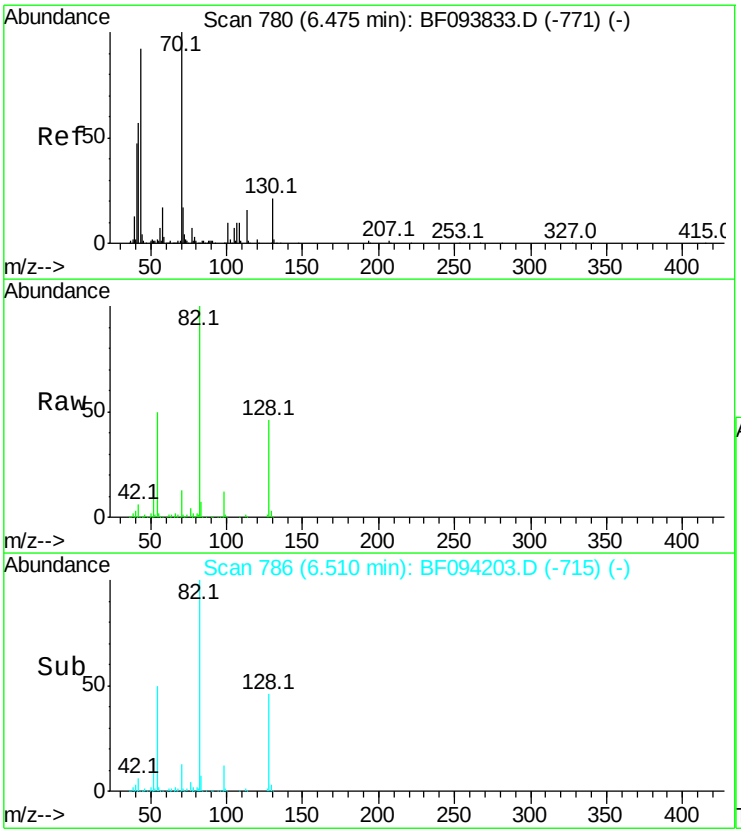
#7
Phenol-d6
Concen: 91.50 ng
RT: 5.47 min Scan# 609
Delta R.T. -0.04 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion: 99 Resp: 1192849

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	33.5	24.5	36.7

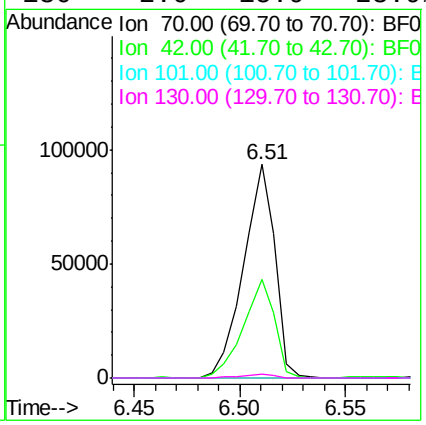


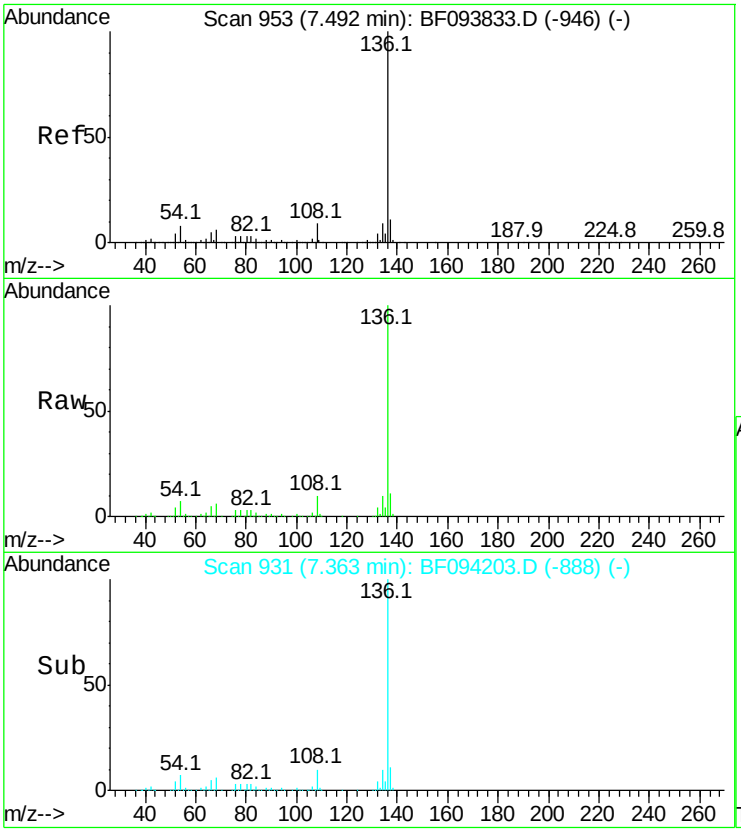


#19
n-Nitroso-di-n-propylamine
Concen: 11.49 ng
RT: 6.51 min Scan# 786
Delta R.T. 0.12 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion: 70 Resp: 96250

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



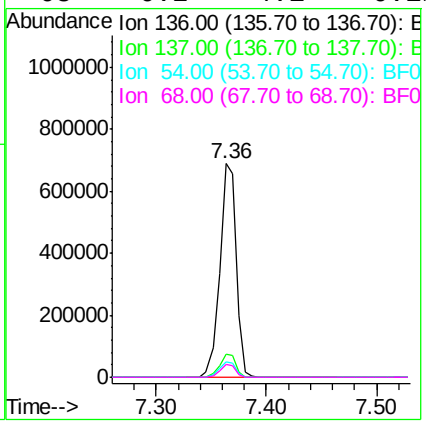


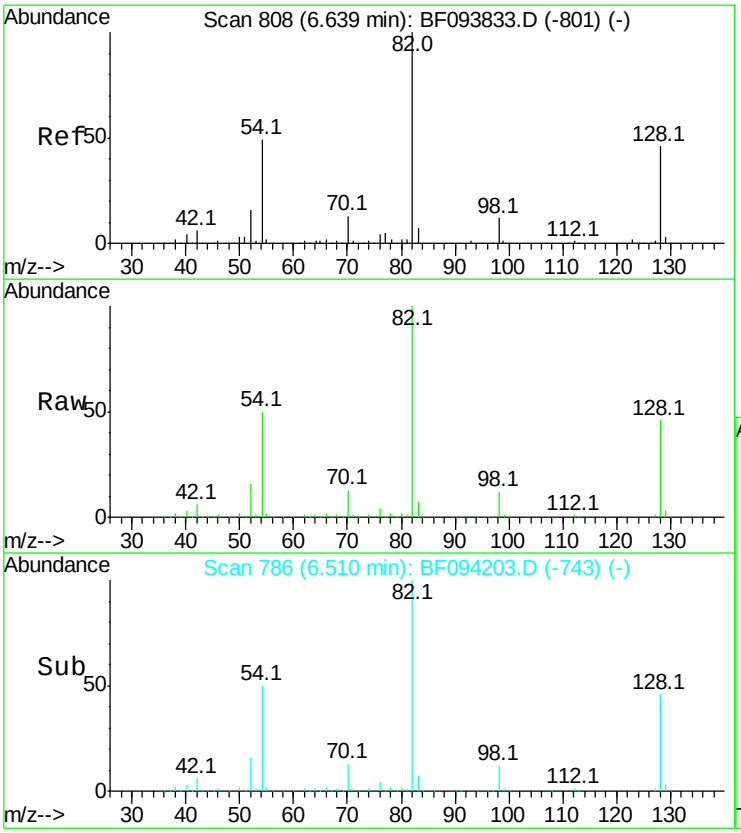
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 931
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:136 Resp: 714101

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.5	4.9	7.3#
68	6.2	4.1	6.1#

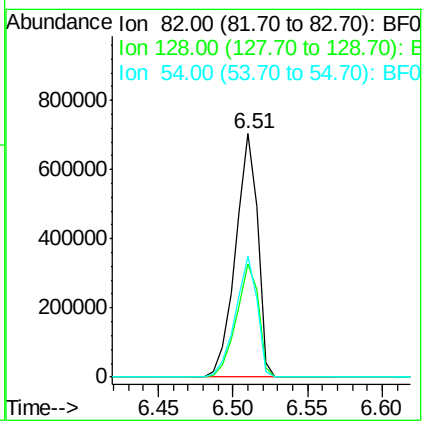


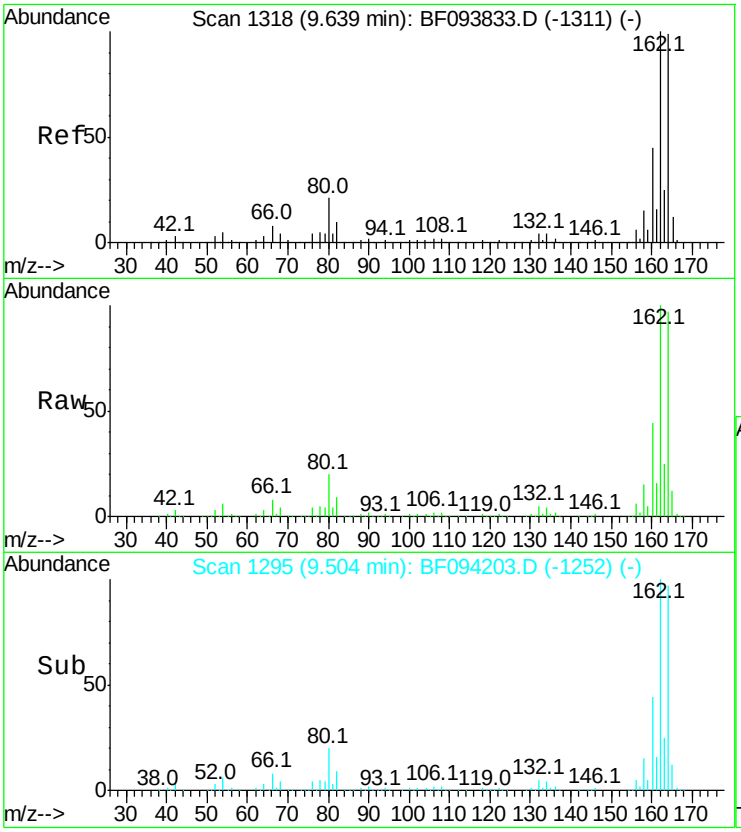


#23
Nitrobenzene-d5
Concen: 58.45 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion: 82 Resp: 731359

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	49.5	42.2	63.2



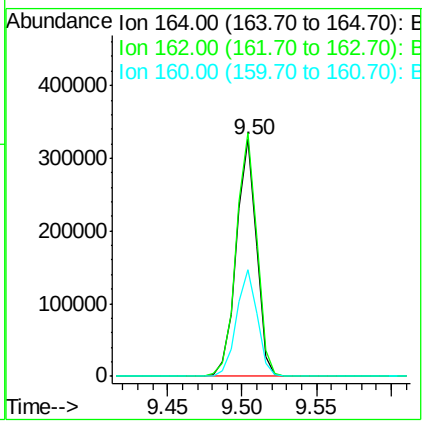


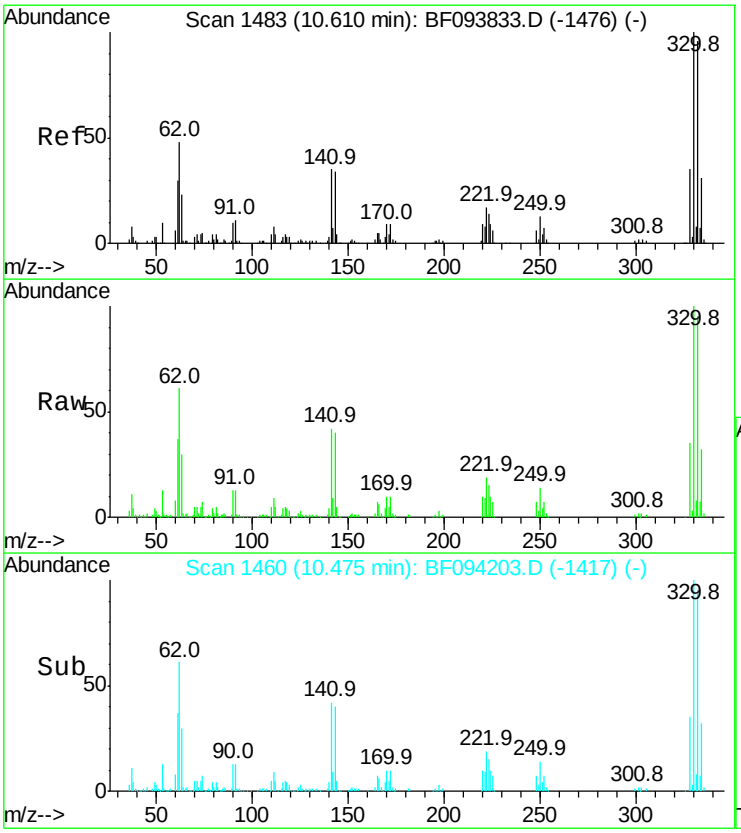
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:164 Resp: 308685

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.0	36.2	54.2

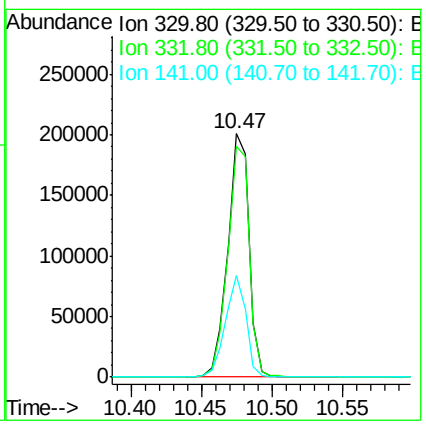


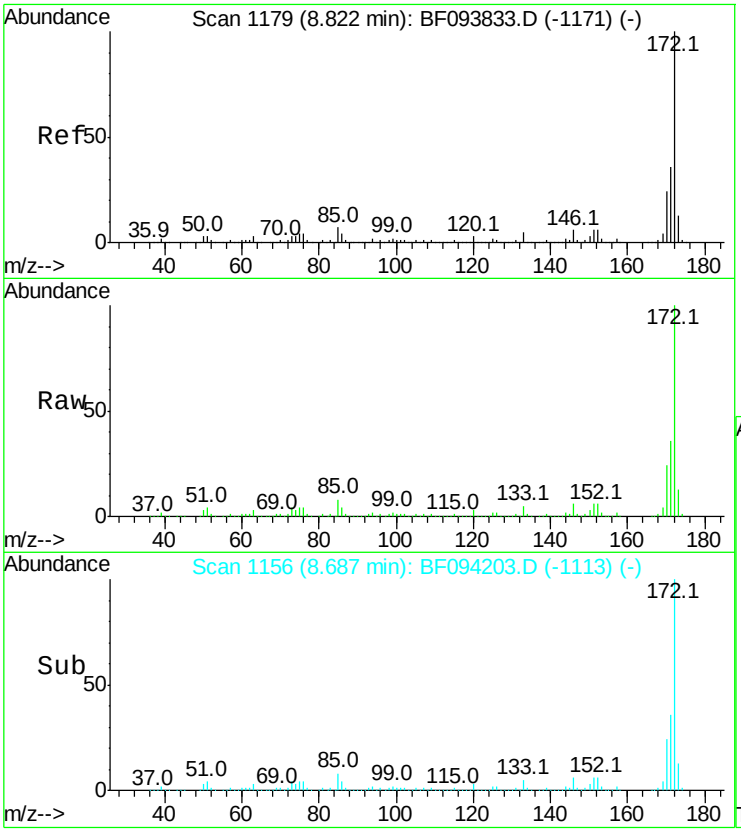


#41
2,4,6-Tribromophenol
Concen: 86.48 ng
RT: 10.47 min Scan# 1460
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:330 Resp: 210960

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	40.1	31.4	47.2



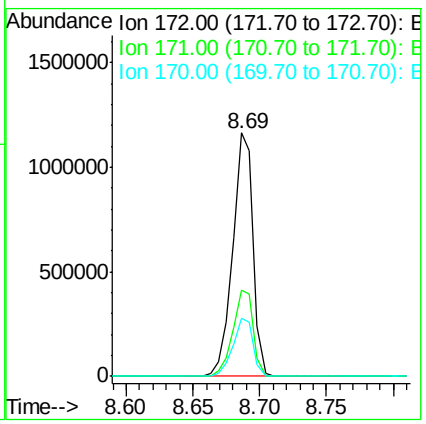


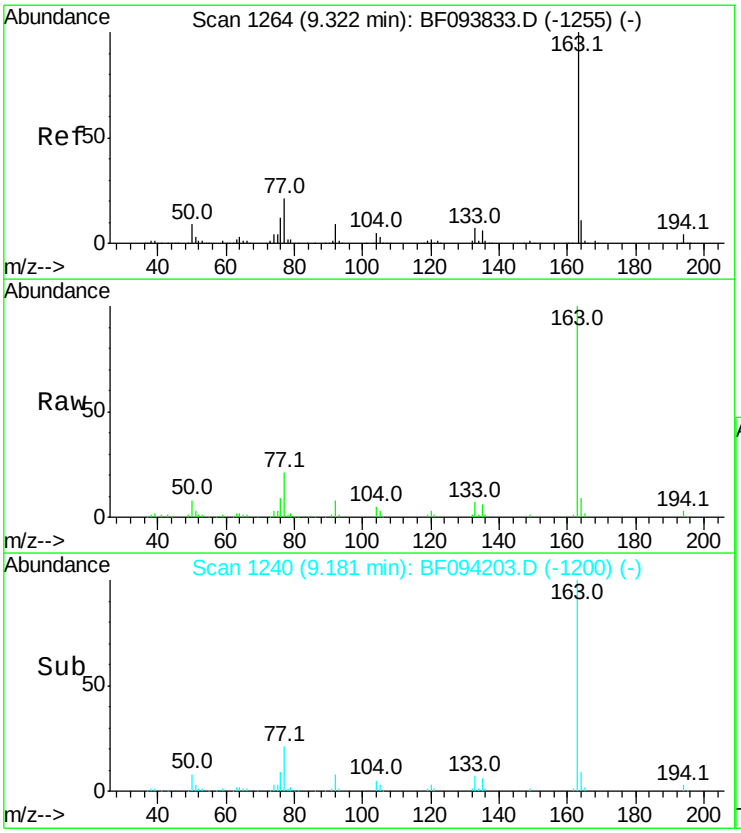
#44
2-Fluorobiphenyl
Concen: 61.28 ng
RT: 8.69 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:172 Resp: 1240205

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.8	19.8	29.8

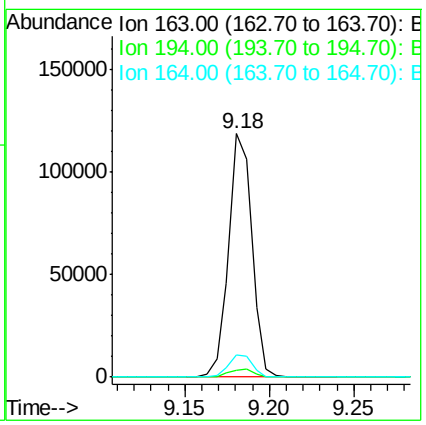


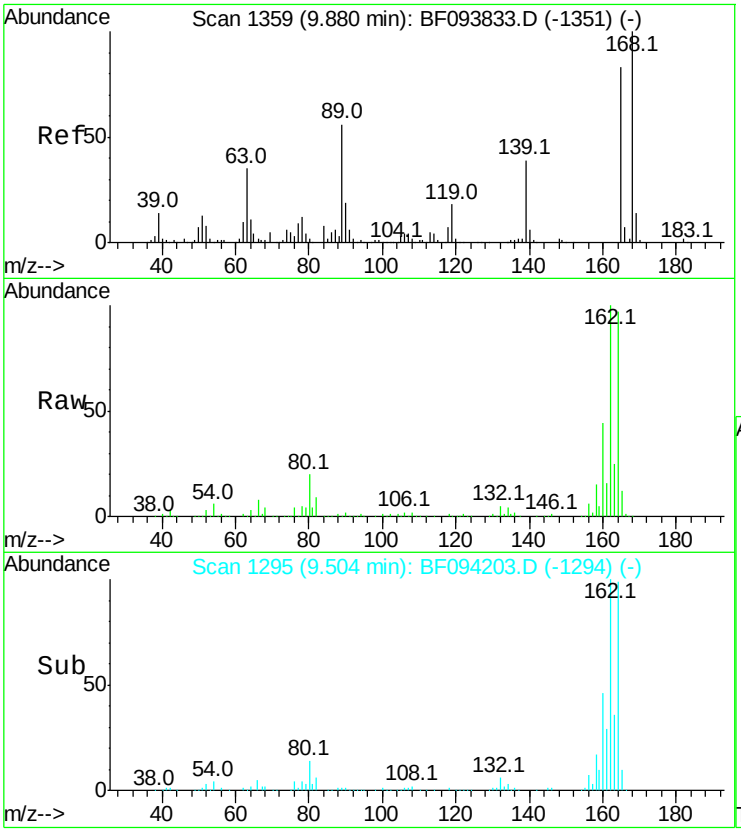


#49
Dimethylphthalate
Concen: 5.16 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.06 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:163 Resp: 113270

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.3	8.4	12.6



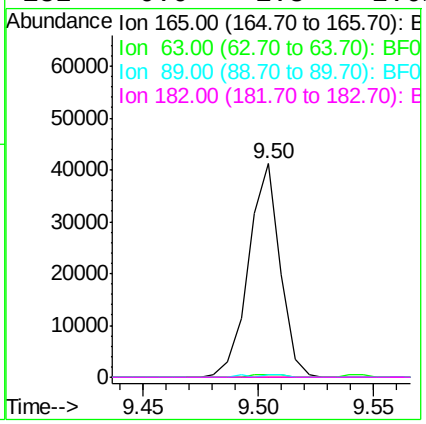


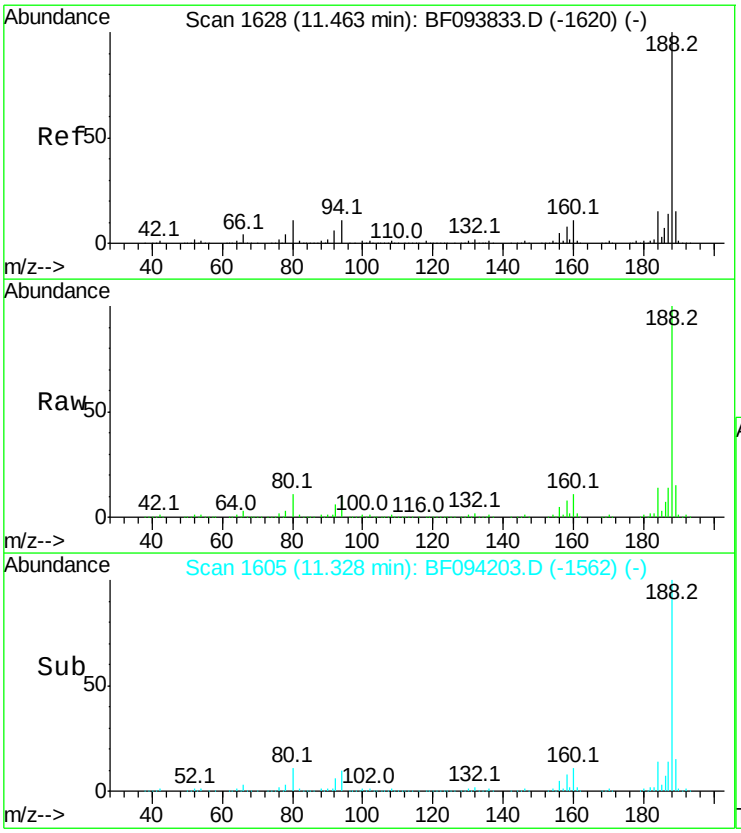
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.29 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:165 Resp: 39224

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

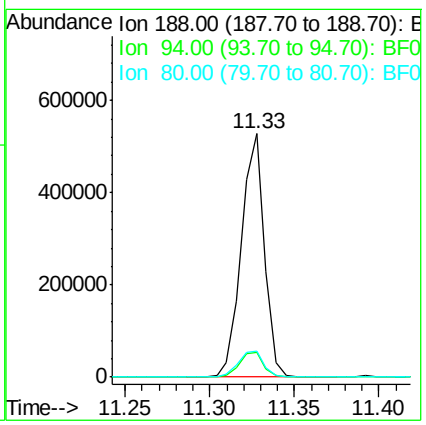


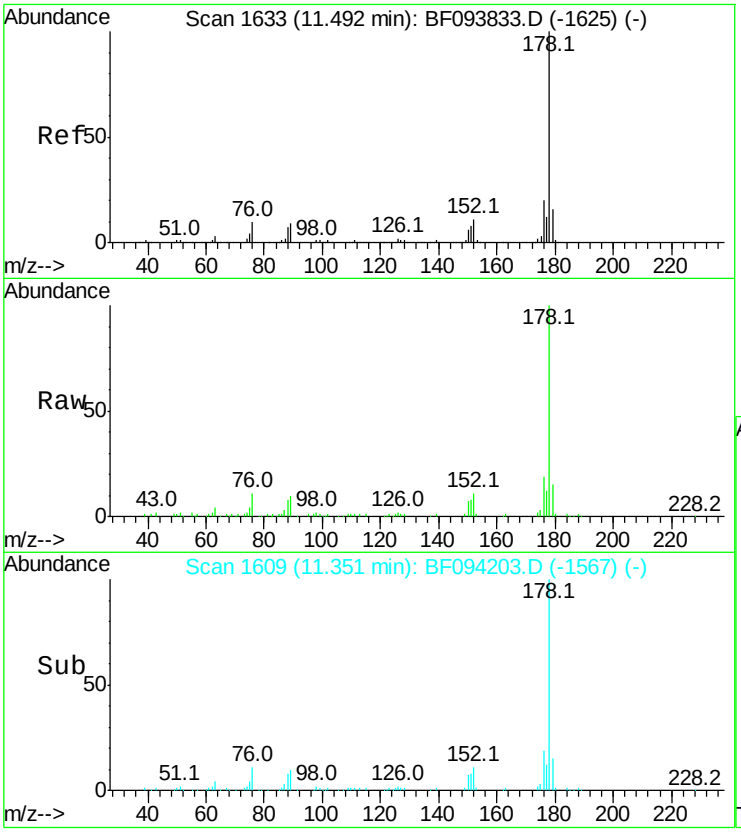


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:188 Resp: 502979

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2



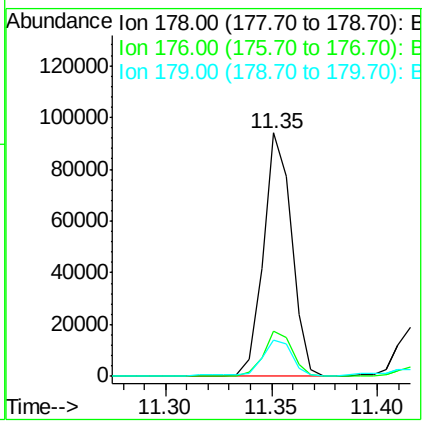


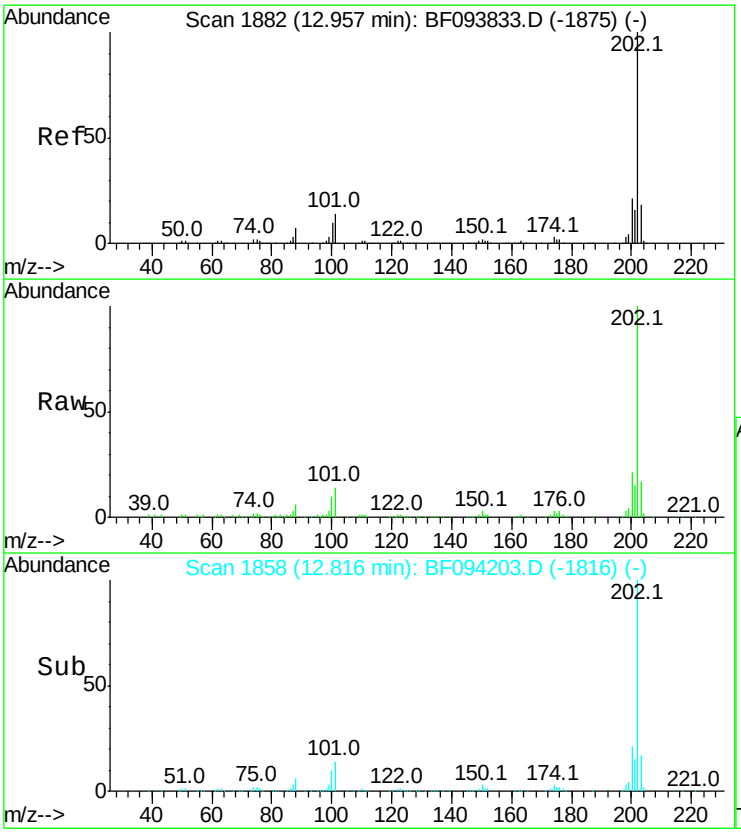
#70
Phenanthrene
Concen: 3.13 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:178 Resp: 87567

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.7	12.6	19.0

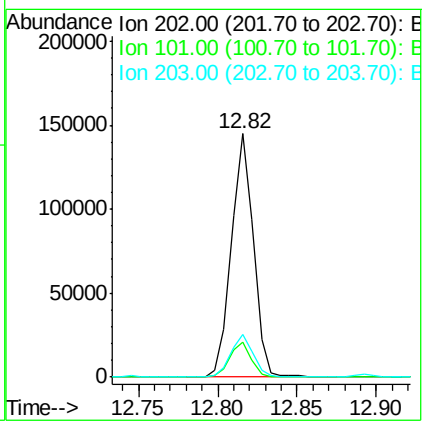


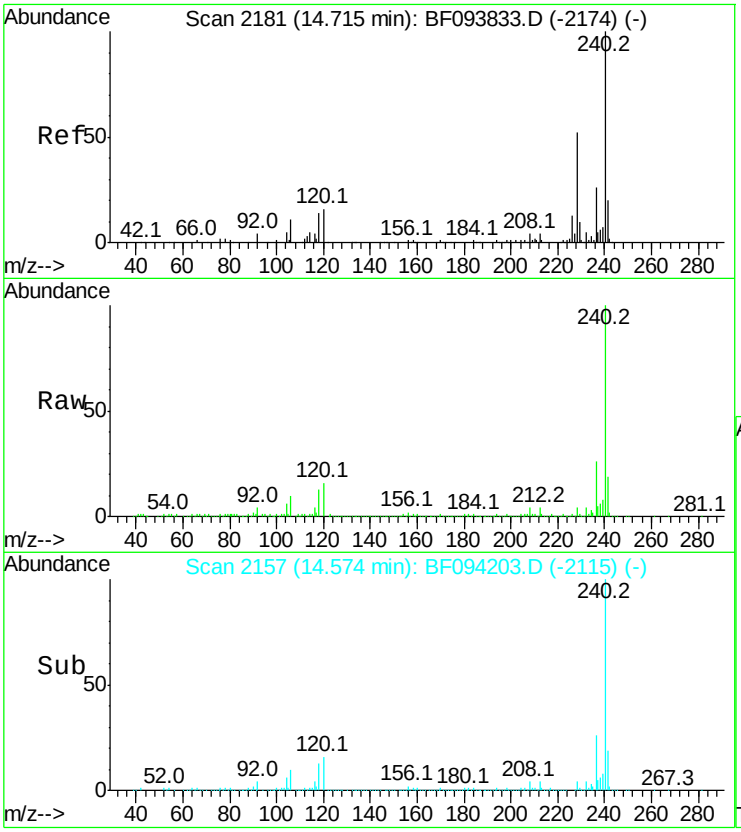


#74
Fluoranthene
Concen: 4.89 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:202 Resp: 140003

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.4	0.0	38.1



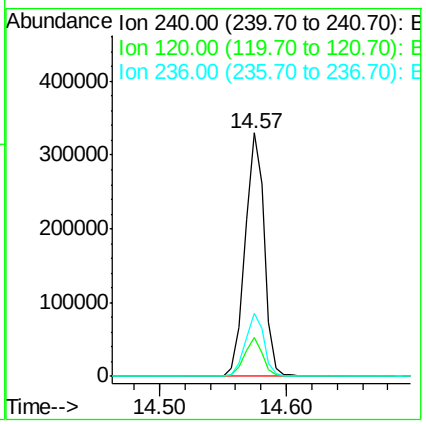


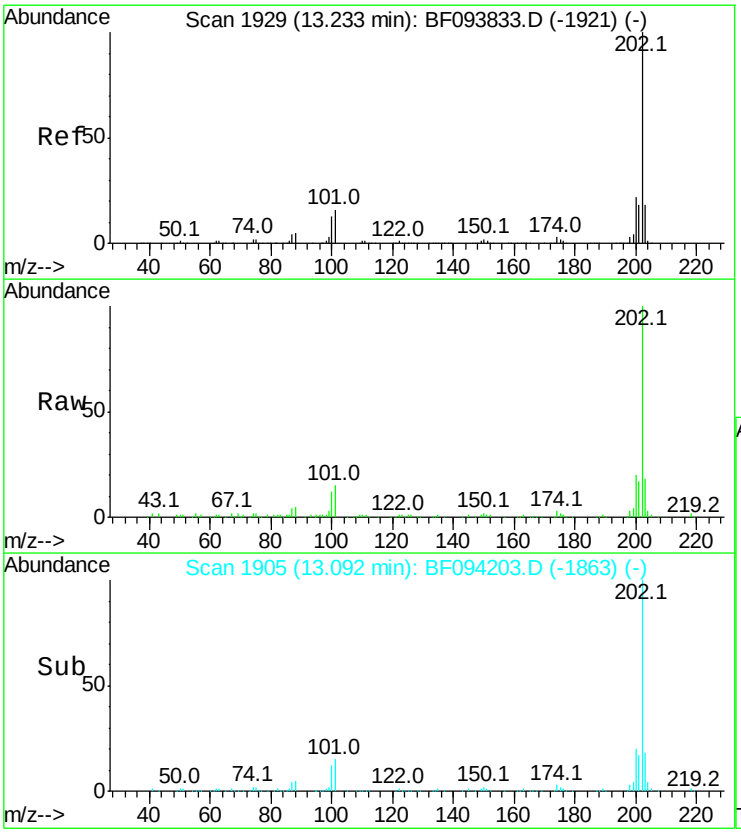
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:240 Resp: 344620

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.9	20.5	30.7

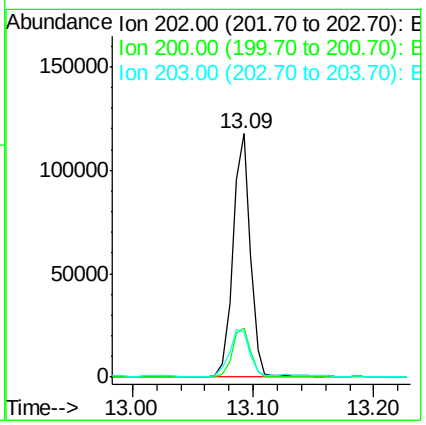


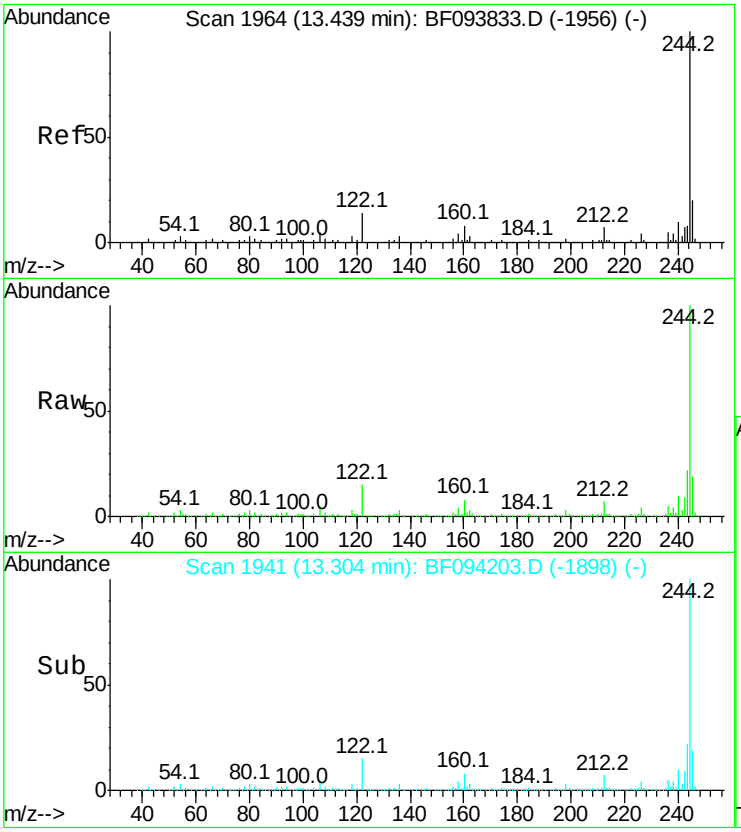


#77
Pyrene
Concen: 4.74 ng
RT: 13.09 min Scan# 1905
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:202 Resp: 118525

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	18.5	14.4	21.6



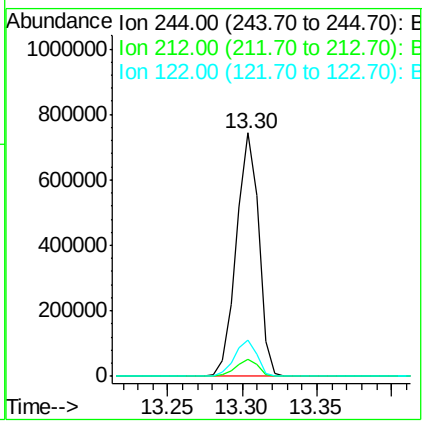


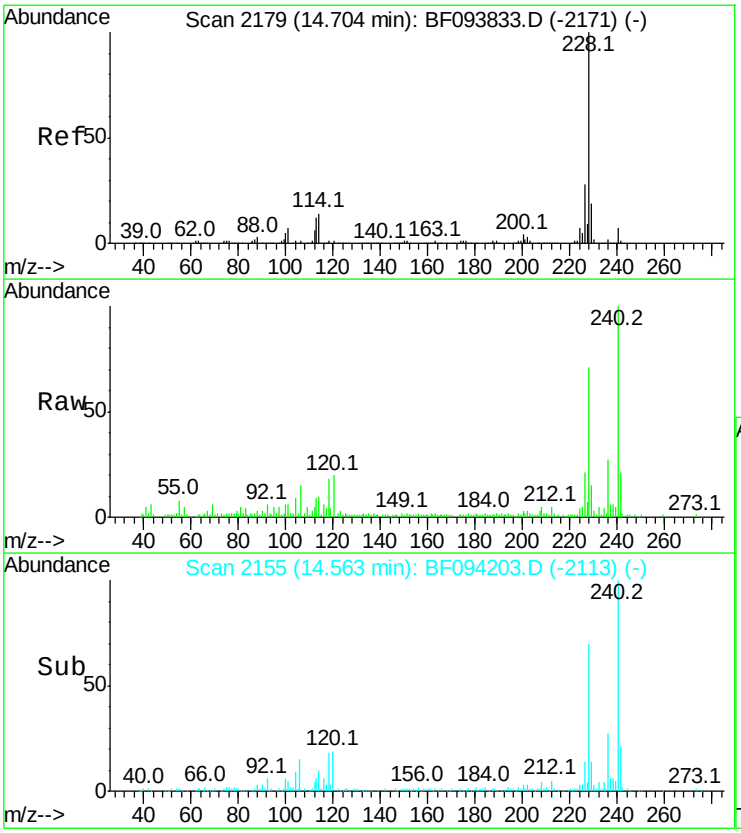
#78
Terphenyl-d14
Concen: 50.82 ng
RT: 13.30 min Scan# 1941
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:244 Resp: 781382

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.7	10.3	15.5

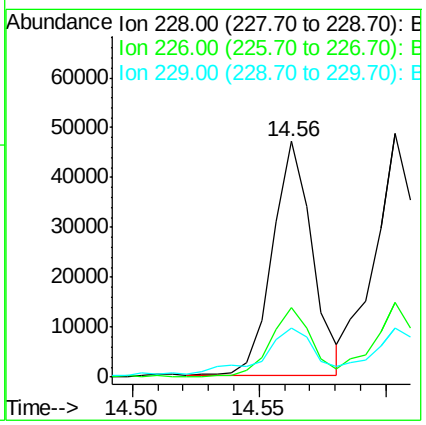


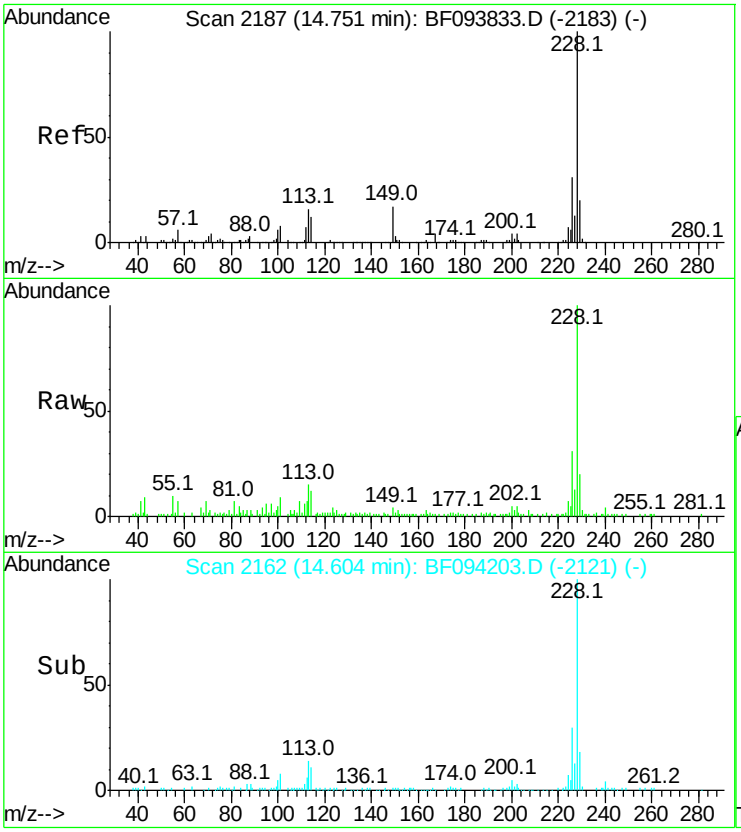


#80
Benzo(a)anthracene
Concen: 2.53 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:228 Resp: 50778

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.7	16.3	24.5



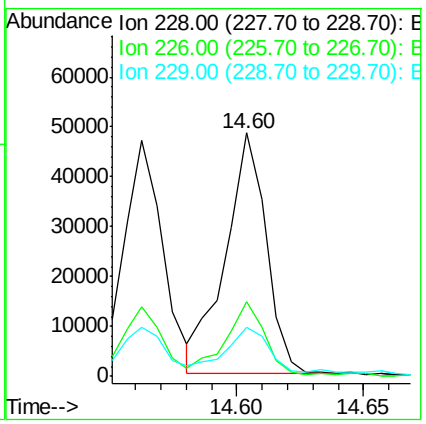


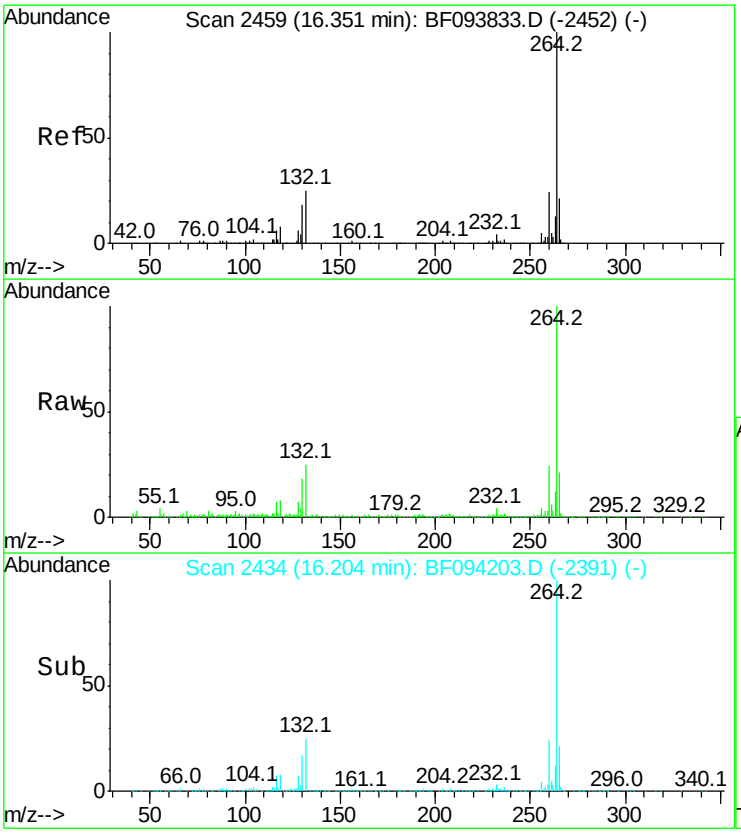
#82
Chrysene
Concen: 2.88 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.06 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:228 Resp: 53769

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.4	15.8	23.6

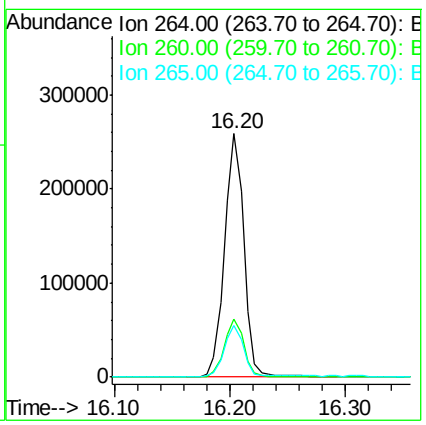


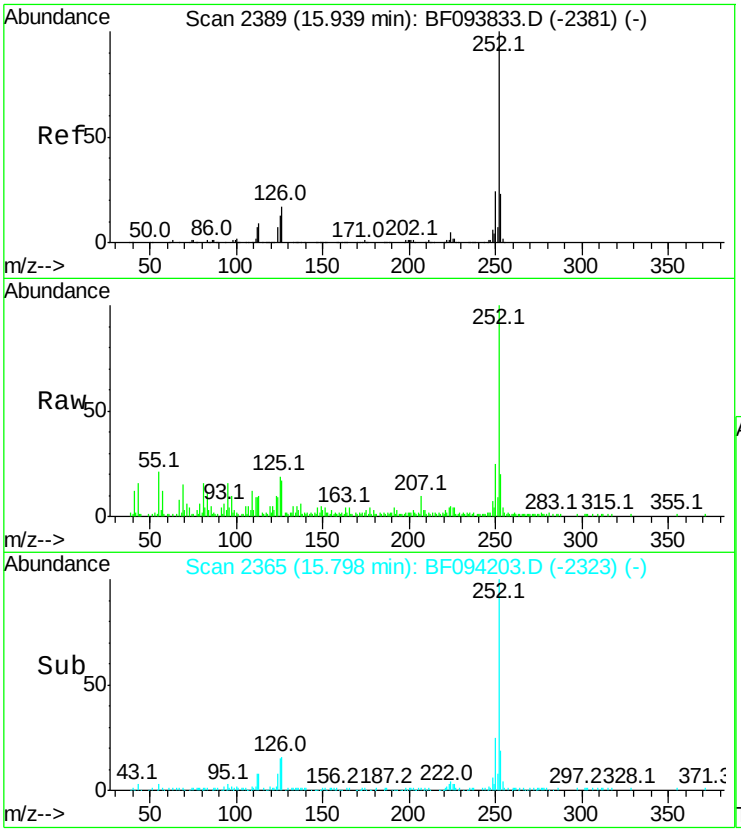


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:264 Resp: 300609

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.2	25.8



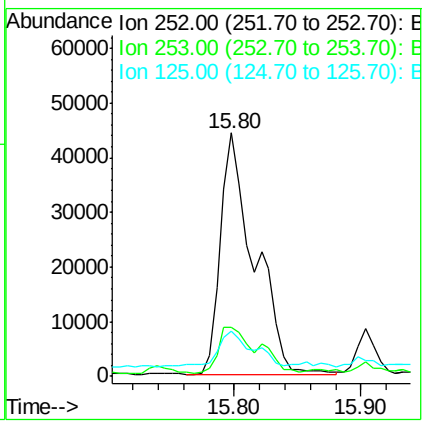


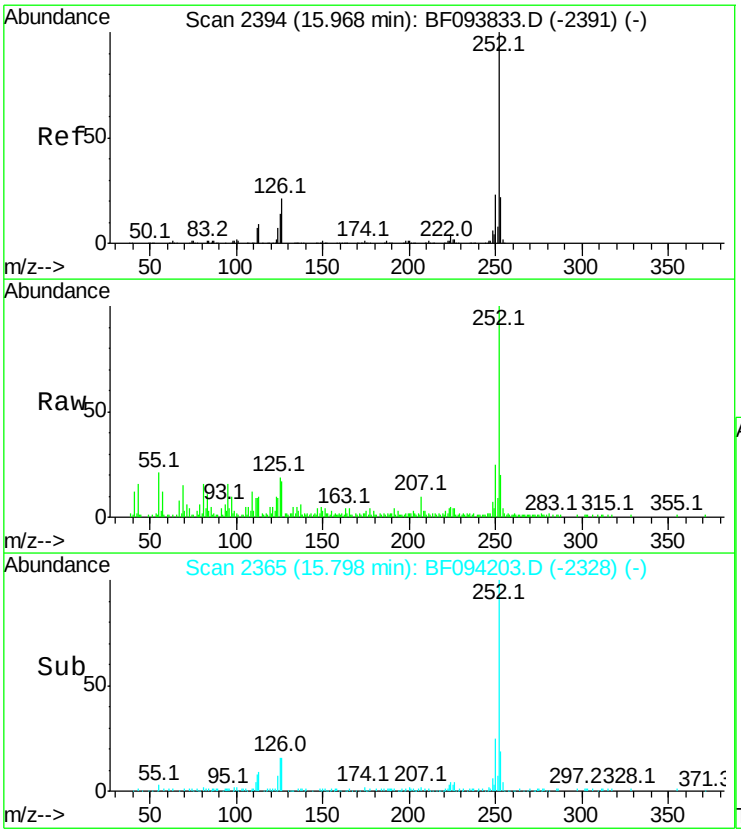
#87
Benzo(b)fluoranthene
Concen: 4.47 ng
RT: 15.80 min Scan# 2365
Delta R.T. -0.05 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:252 Resp: 82425

Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.1	27.1
125	18.8	9.8	14.8#

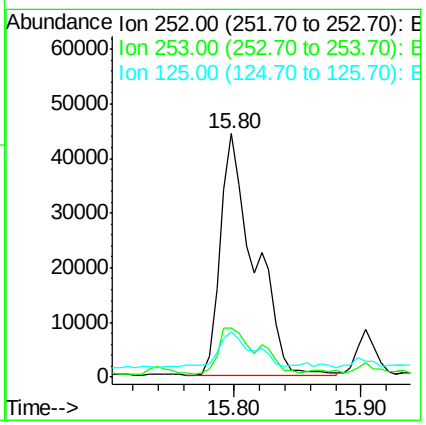


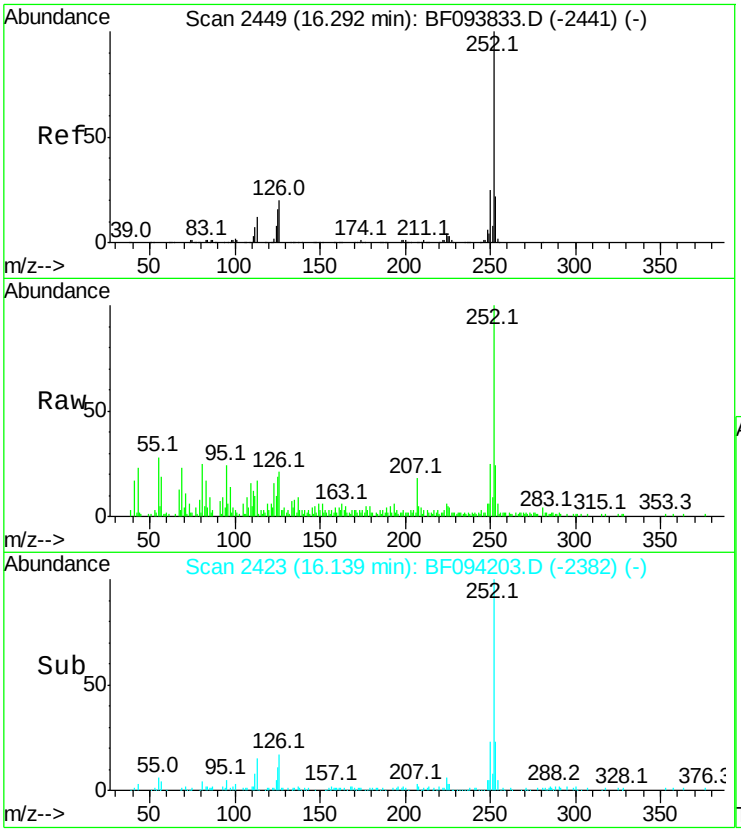


#88
Benzo(k)fluoranthene
Concen: 4.57 ng
RT: 15.80 min Scan# 2365
Delta R.T. -0.08 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Tgt Ion:252 Resp: 82425

Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.4	27.6
125	18.8	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.38 ng
RT: 16.14 min Scan# 2423
Delta R.T. -0.06 min
Lab File: BF094203.D
Acq: 5 Apr 2017 21:38

Instrument :
BNA_F
ClientSampleId :
BASING-8(0-2)

Tgt Ion:252 Resp: 40469

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	19.4	11.0	16.4#