Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094636.D
Acq On : 26 Apr 2017 6:25
Operator : SJ/MA
Sample : I2813-01 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 07:33:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	109239	20.00	ng		-0.01
21) Naphthalene-d8	7.25	136	431237	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	174681	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	267731	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	247659	20.00	ng		-0.01
86) Perylene-d12	16.08	264	174517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	90022	13.67	ng		0.00
7) Phenol-d6	5.37	99	113273	14.59	ng		-0.02
23) Nitrobenzene-d5	6.40	82	65487	9.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	14356	10.51	ng		-0.01
44) 2-Fluorobiphenyl	8.57	172	129326	10.89	ng		-0.02
78) Terphenyl-d14	13.18	244	84193	9.09	ng		-0.02
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.38	165	22562	7.72	ng	#	33
56) 2,4-Dinitrotoluene	9.38	165	22561	6.29	ng	#	32
70) Phenanthrene	11.23	178	38174	2.53	ng		99
71) Anthracene	11.23	178	38174	2.45	ng		99
74) Fluoranthene	12.70	202	85584	5.48	ng		99
77) Pyrene	12.97	202	80841	4.67	ng		96
80) Benzo(a)anthracene	14.48	228	44314	3.08	ng		98
82) Chrysene	14.48	228	44314	3.37	ng		95
87) Benzo(b)fluoranthene	15.68	252	73948	6.93	ng	#	97
88) Benzo(k)fluoranthene	15.68	252	73948	7.32	ng		98
89) Benzo(a)pyrene	16.02	252	29601	2.98	ng		97

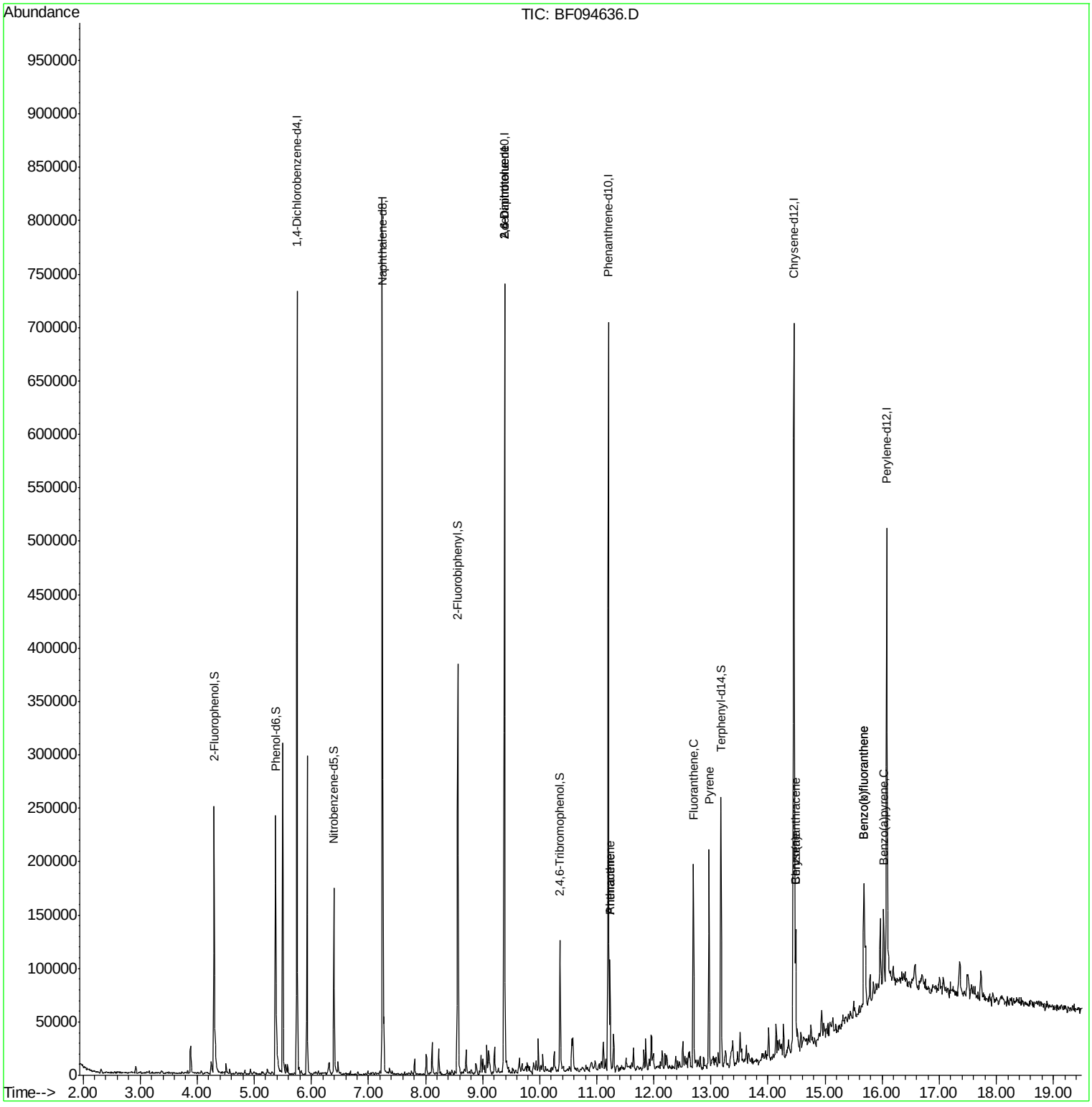
(#) = qualifier out of range (m) = manual integration (+) = signals summed

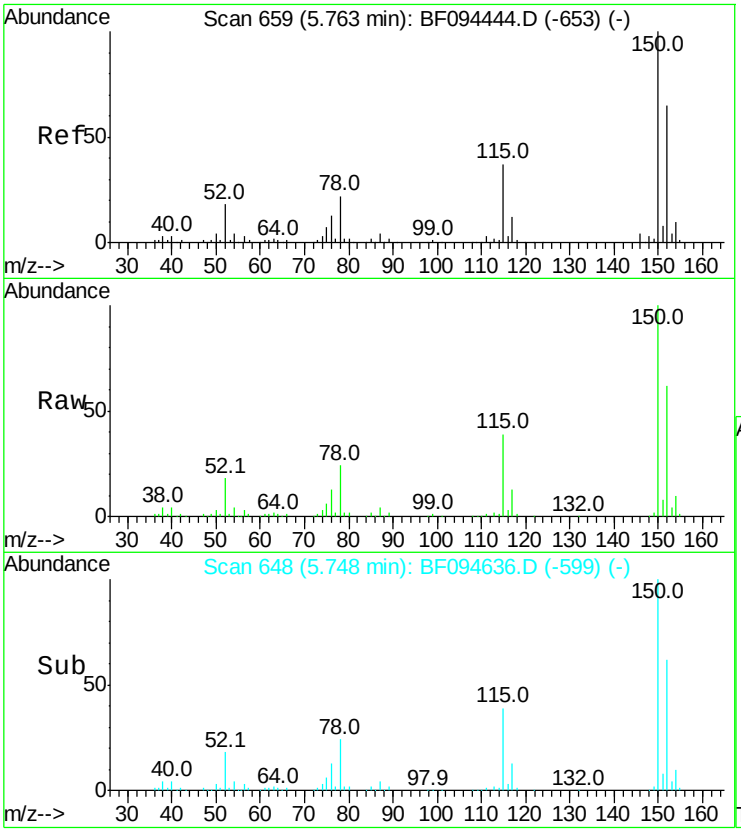
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094636.D
Acq On : 26 Apr 2017 6:25
Operator : SJ/MA
Sample : I2813-01 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 26 07:33:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



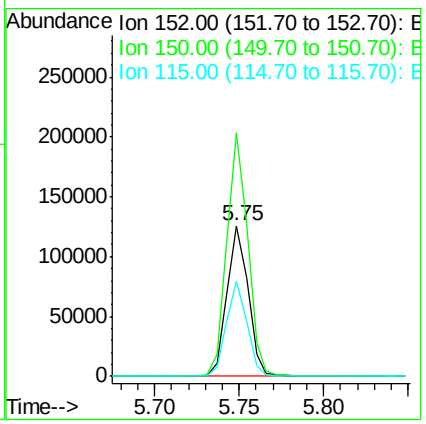


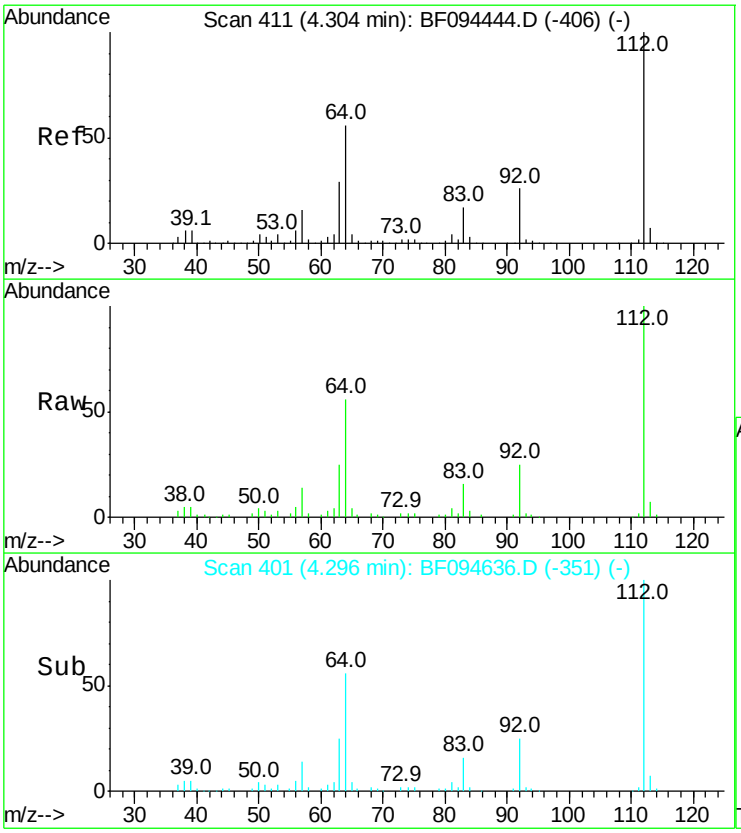
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109239

Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	63.2	52.2	78.2

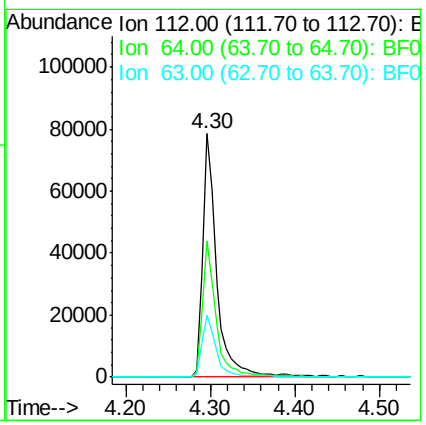


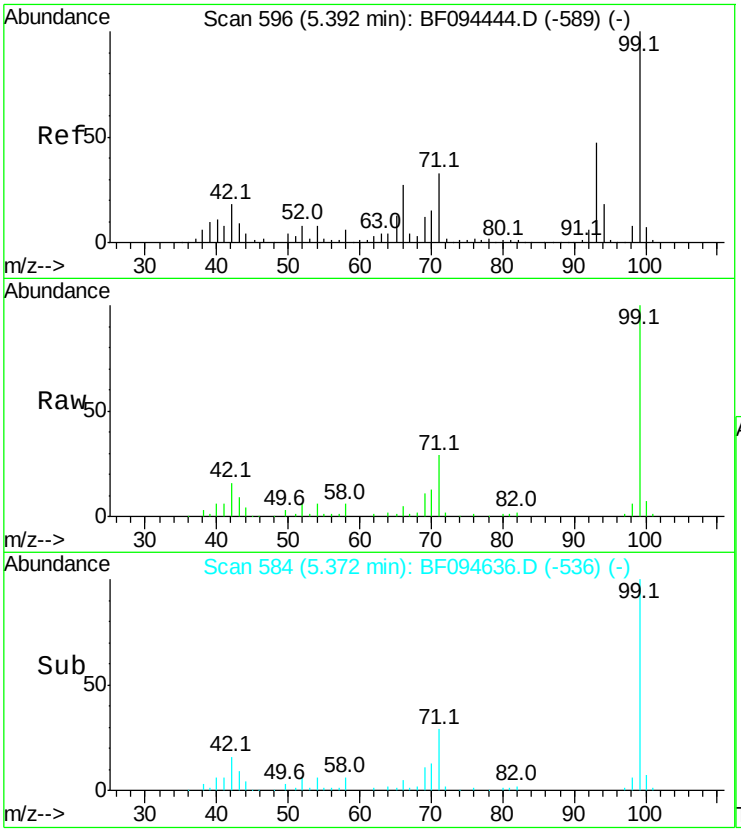


#5
2-Fluorophenol
Concen: 13.67 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:112 Resp: 90022

Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	25.4	23.4	35.0



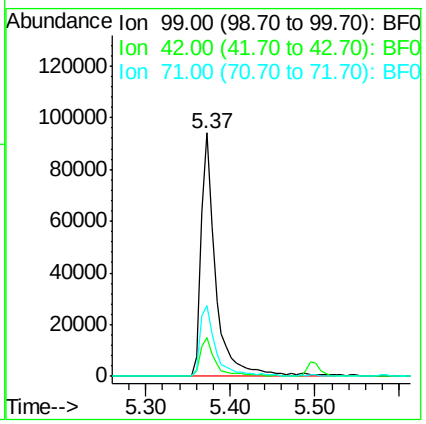


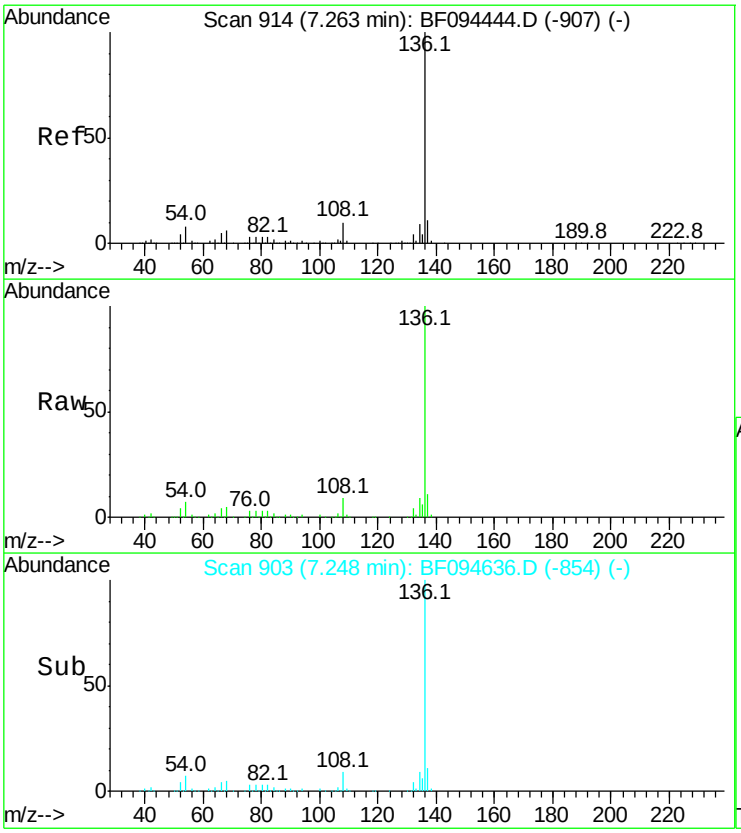
#7
Phenol-d6
Concen: 14.59 ng
RT: 5.37 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 113273

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	29.3	24.5	36.7

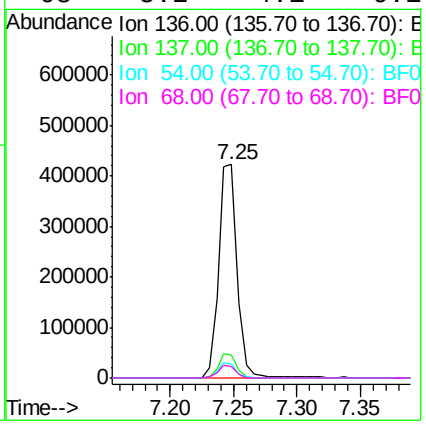


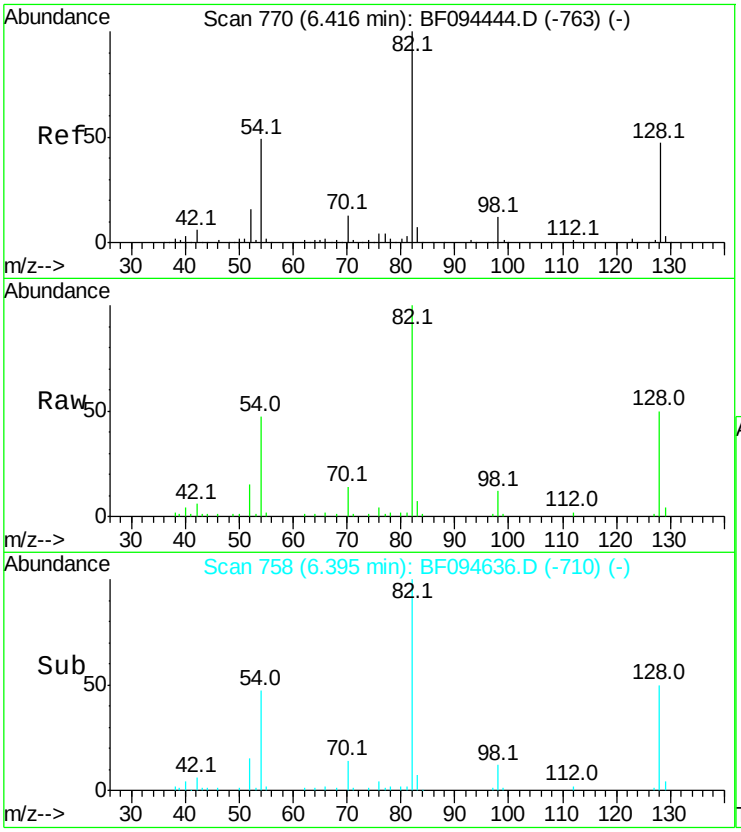


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:136 Resp: 431237

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.7	4.9	7.3
68	5.2	4.1	6.1

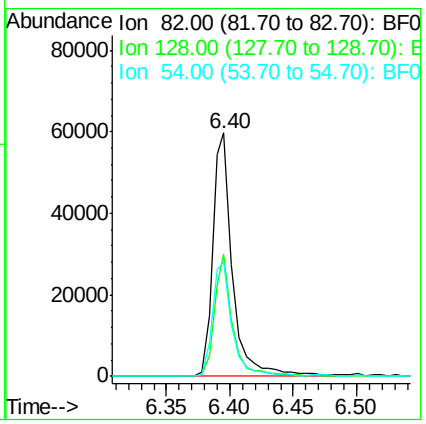




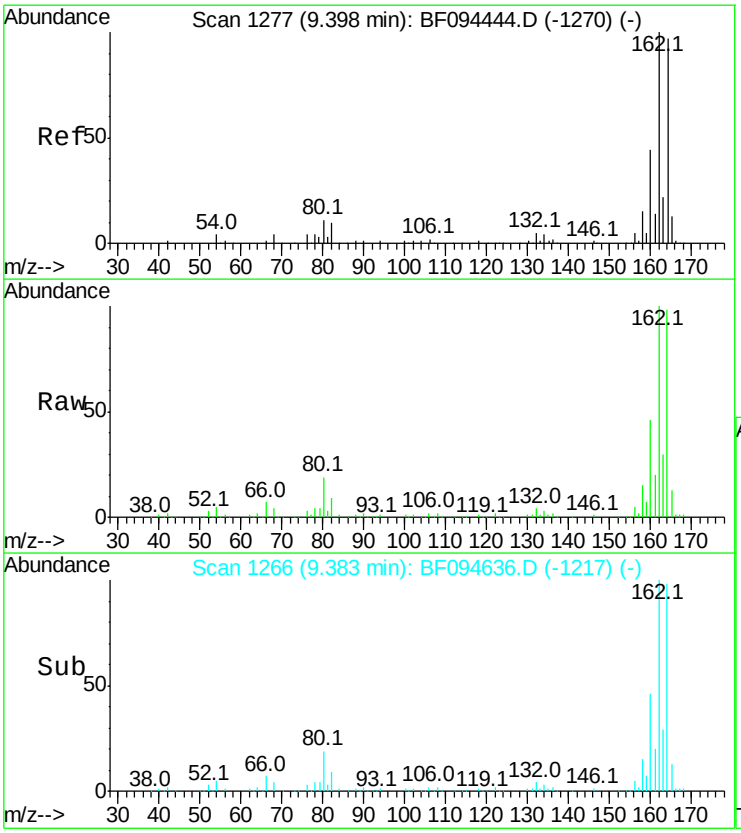
#23
Nitrobenzene-d5
Concen: 9.38 ng
RT: 6.40 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion: 82 Resp: 65487

Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.0	51.0
54	46.9	42.2	63.2



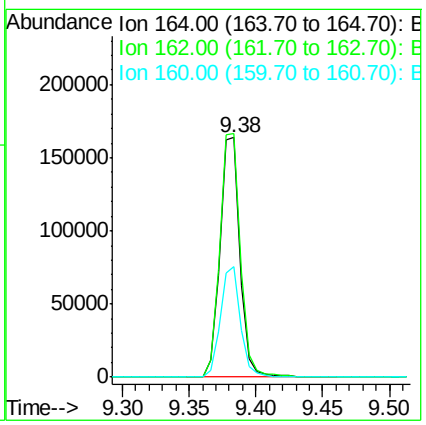
Instrument :
BNA_F
ClientSampleId :

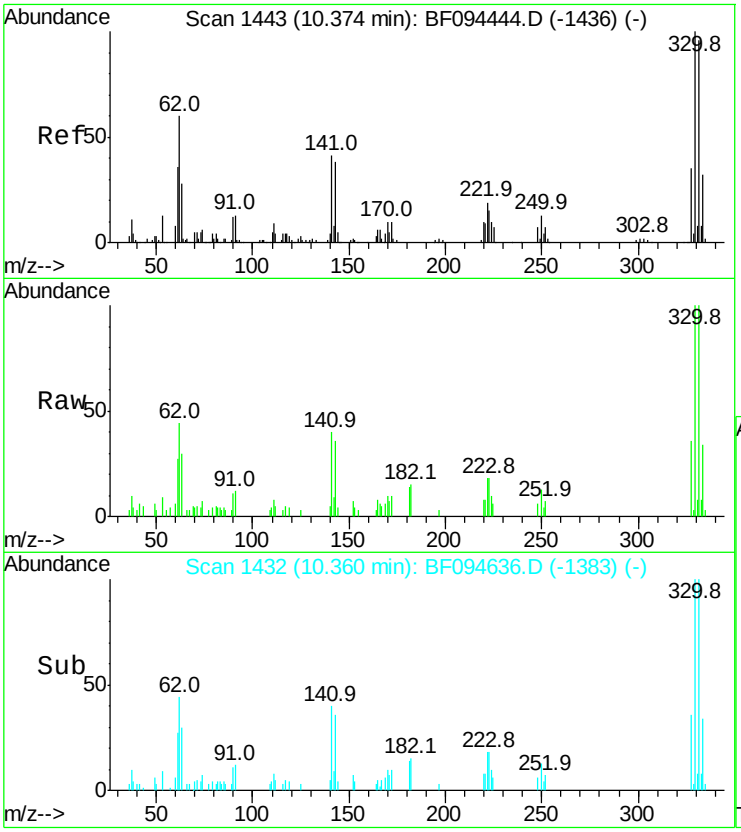


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:164 Resp: 174681

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	46.3	36.2	54.2



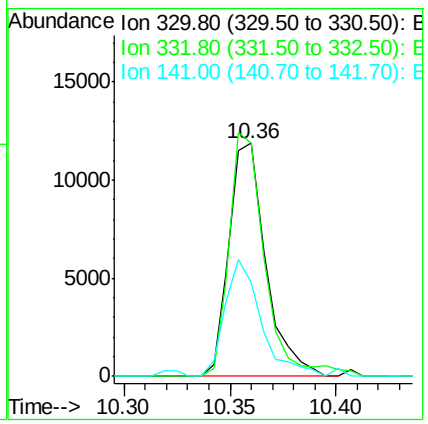


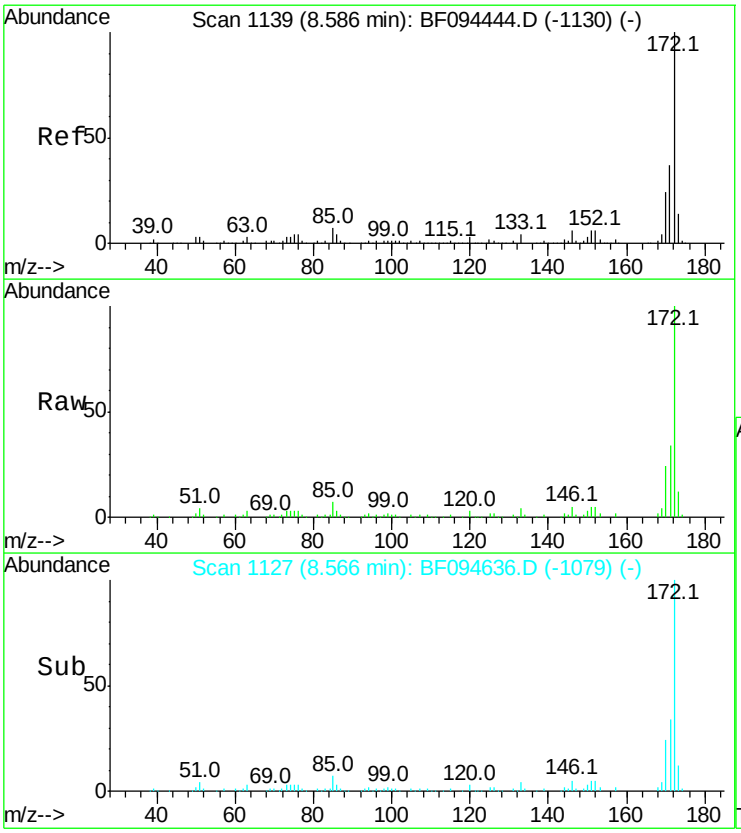
#41
2,4,6-Tribromophenol
Concen: 10.51 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 14356

Ion	Ratio	Lower	Upper
330	100		
332	100.5	76.6	115.0
141	48.8	31.4	47.2#

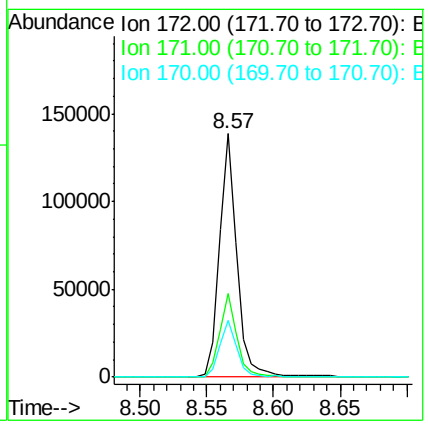


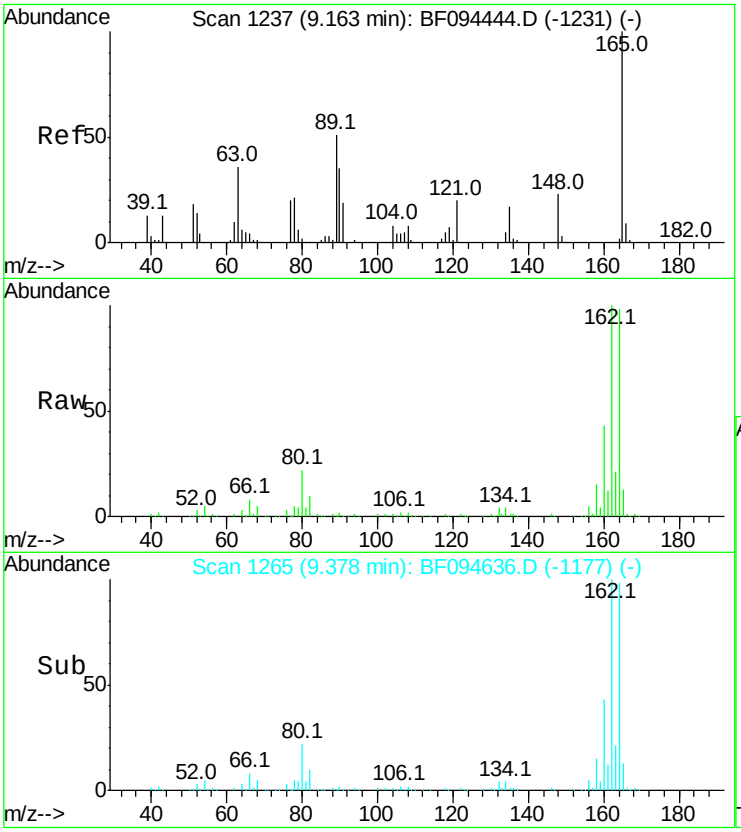


#44
2-Fluorobiphenyl
Concen: 10.89 ng
RT: 8.57 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:172 Resp: 129326

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	23.5	19.8	29.8



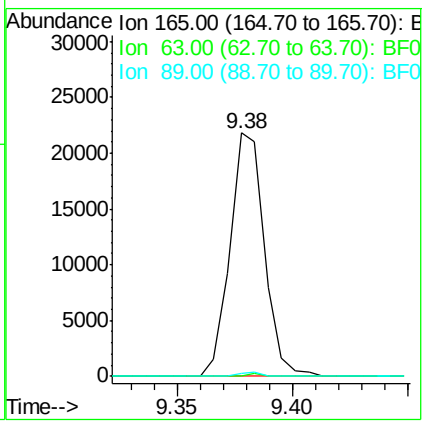


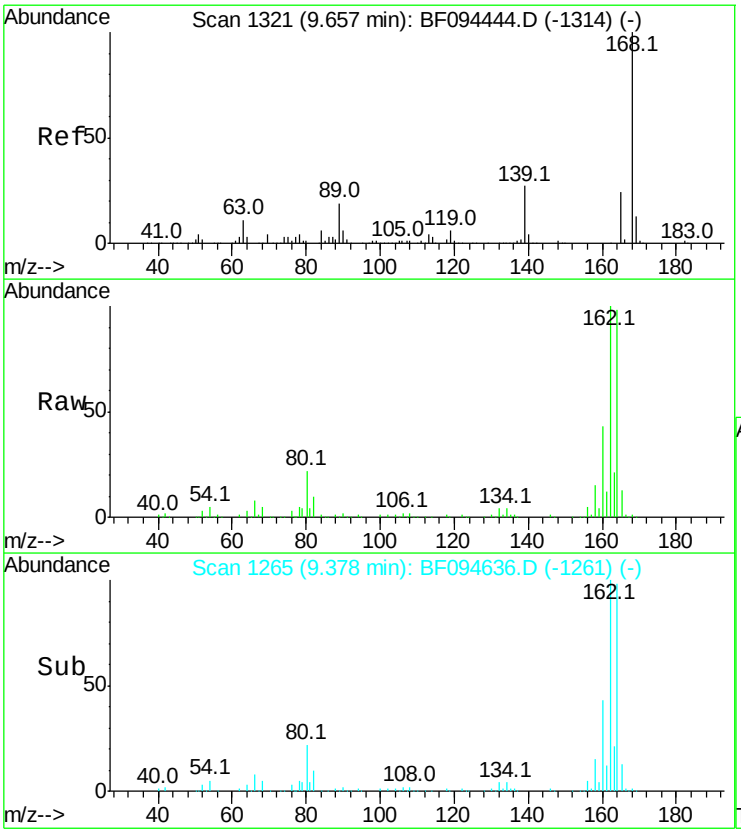
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.38 min Scan# 1265
Delta R.T. 0.21 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22562

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.4	37.1	55.7#

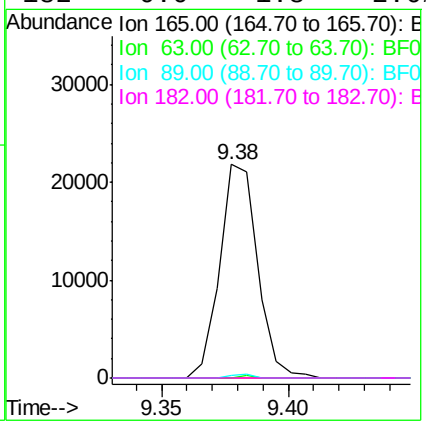


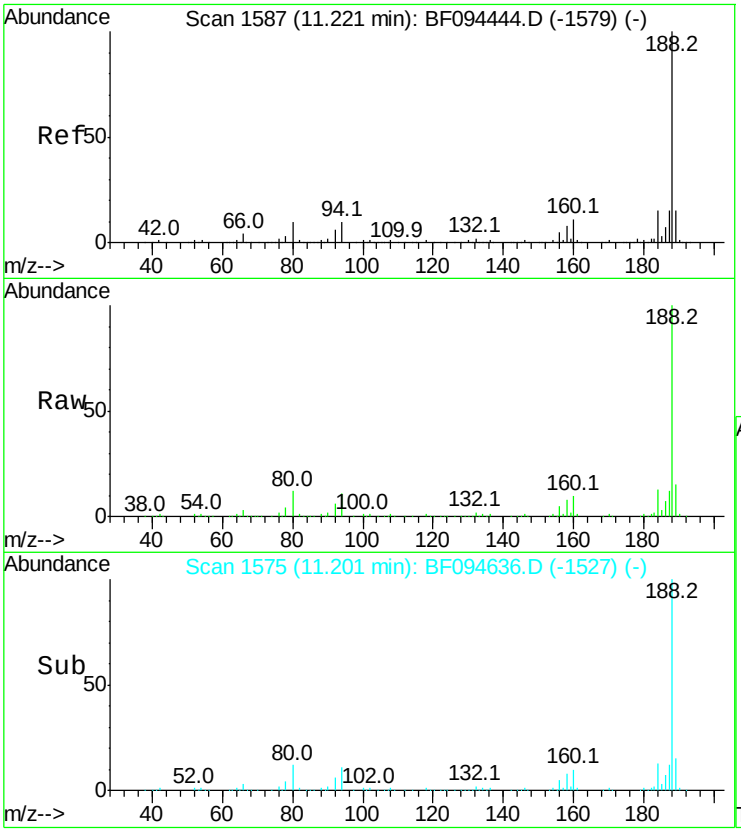


#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:165 Resp: 22561

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



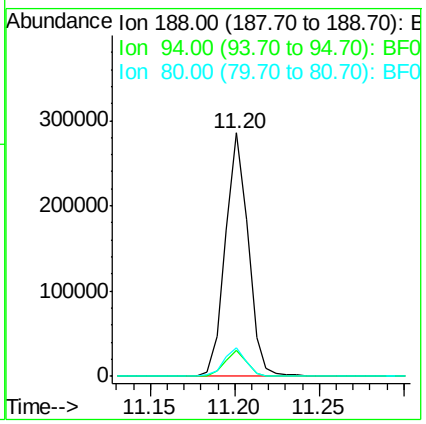


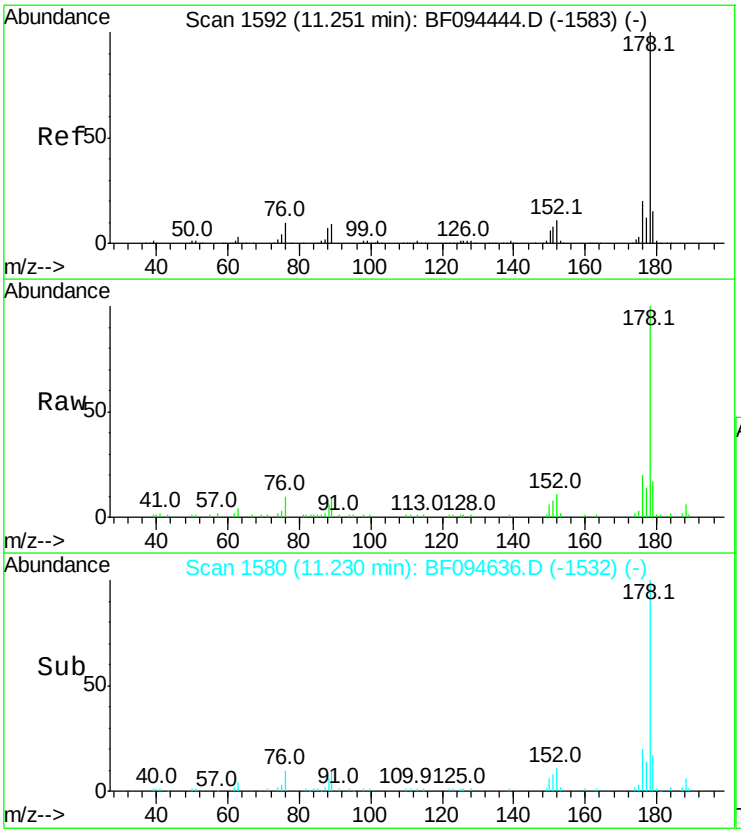
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 267731

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.6	10.2	15.2

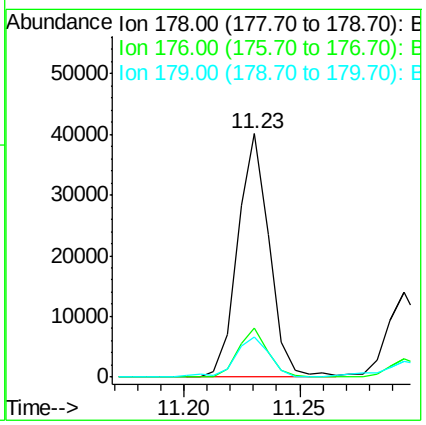


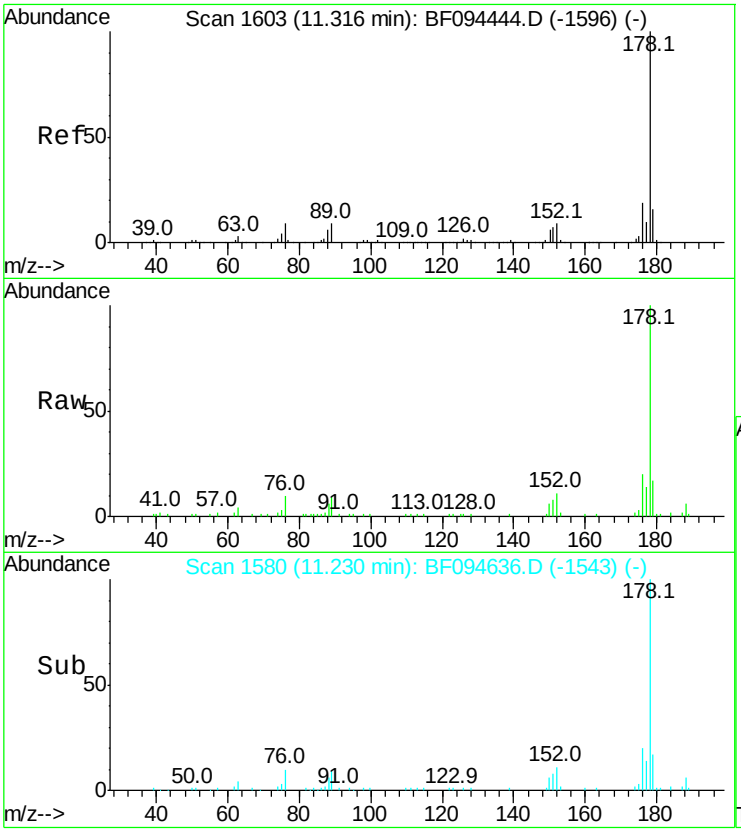


#70
Phenanthrene
Concen: 2.53 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:178 Resp: 38174

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.7	12.6	19.0



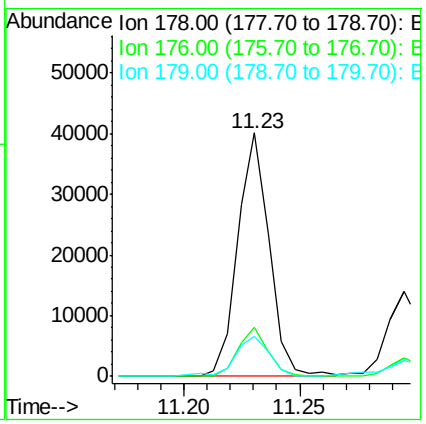


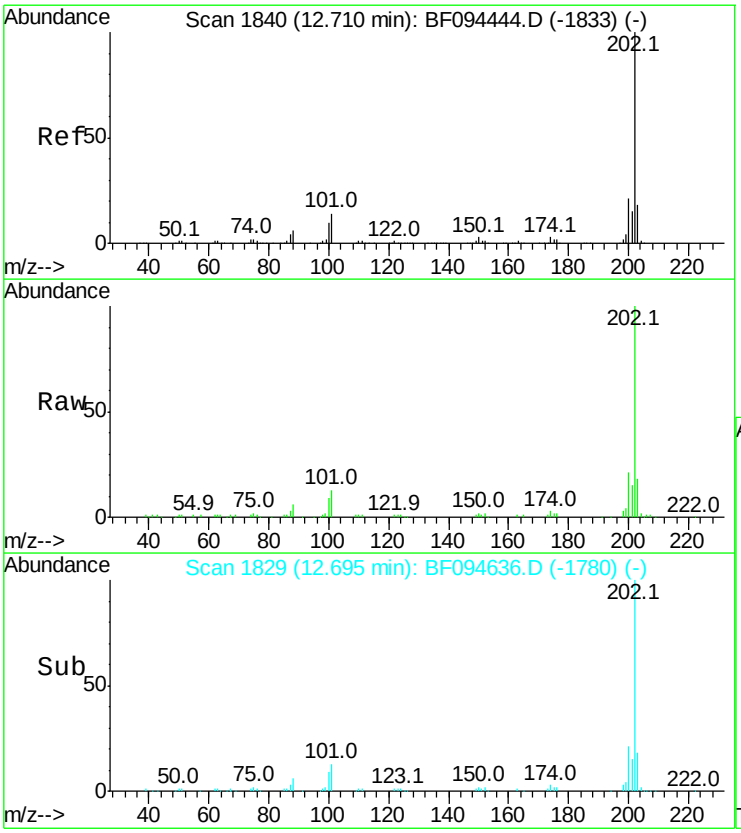
#71
Anthracene
Concen: 2.45 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.09 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 38174

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.7	12.7	19.1

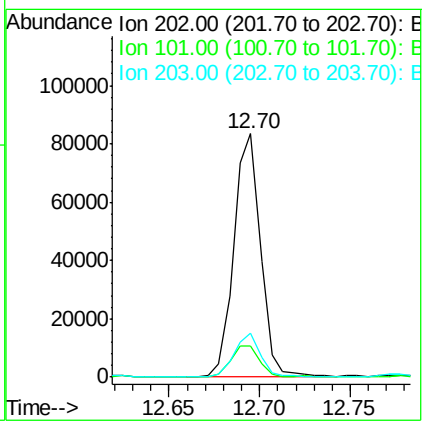


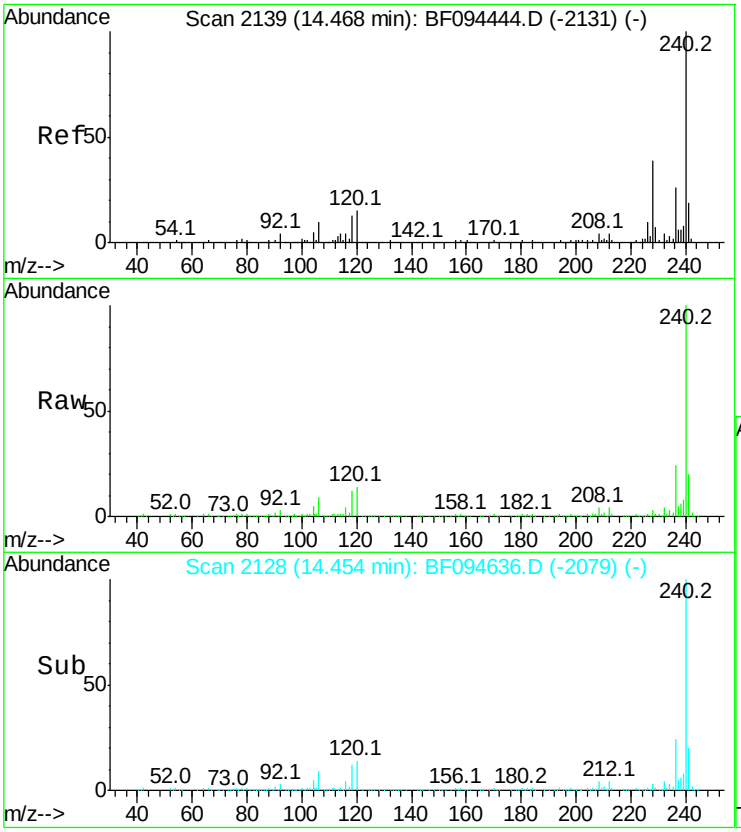


#74
Fluoranthene
Concen: 5.48 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:202 Resp: 85584

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	18.2	0.0	38.1



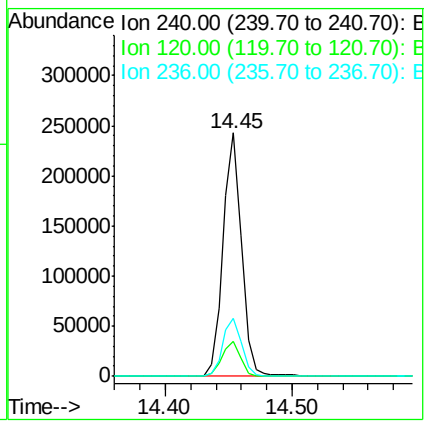


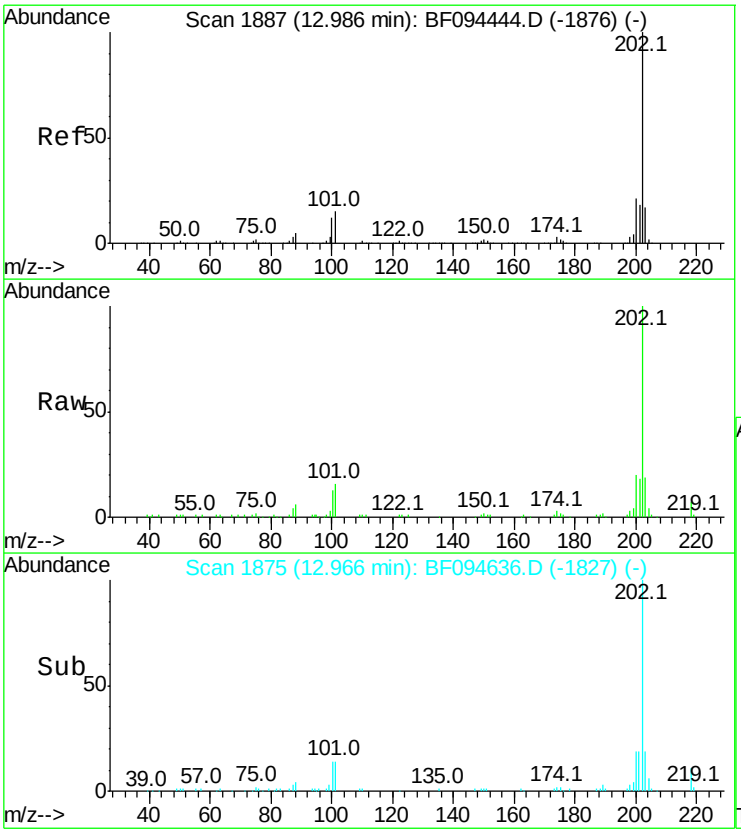
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 247659

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	24.0	20.5	30.7

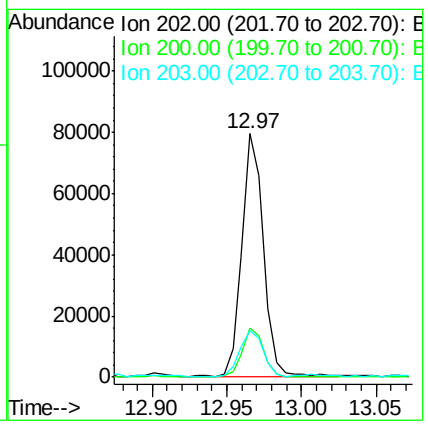


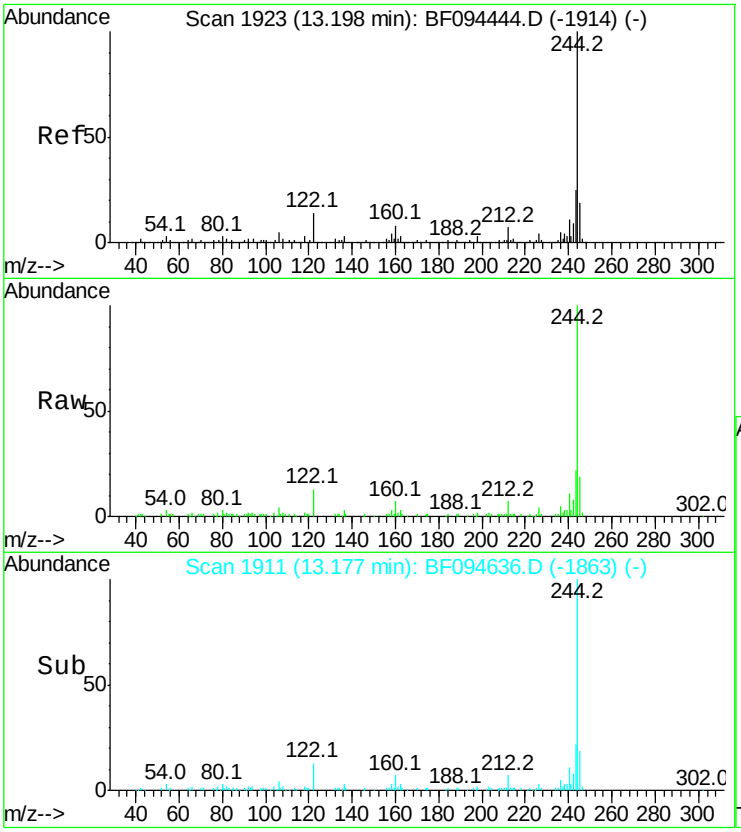


#77
Pyrene
Concen: 4.67 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:202 Resp: 80841

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	19.3	14.4	21.6



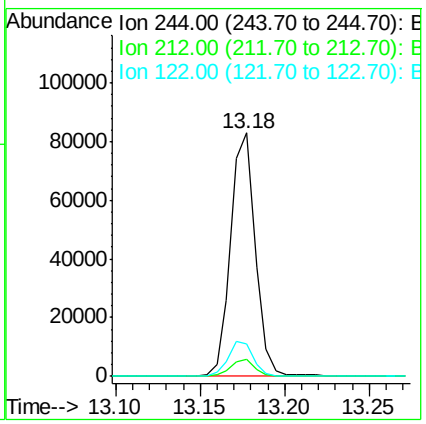


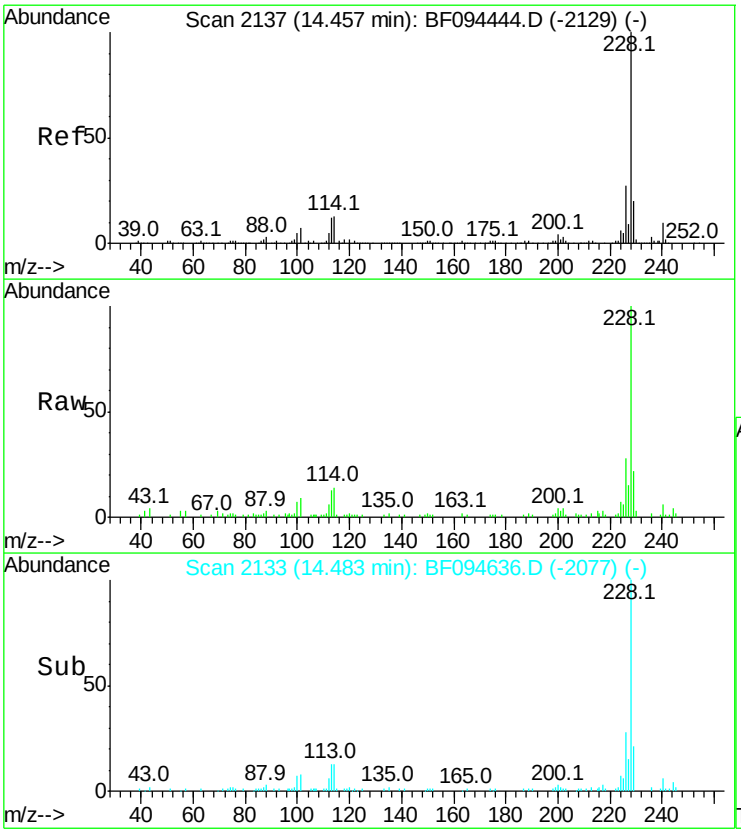
#78
Terphenyl-d14
Concen: 9.09 ng
RT: 13.18 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 84193

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.1	10.3	15.5

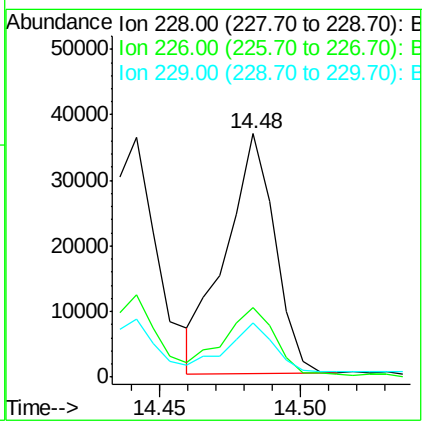


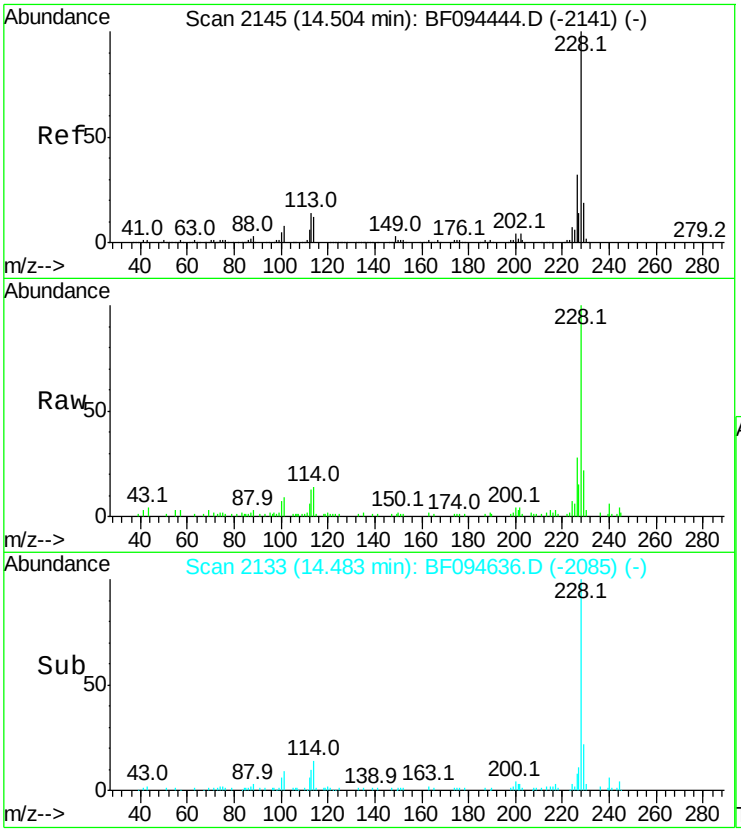


#80
Benzo(a)anthracene
Concen: 3.08 ng
RT: 14.48 min Scan# 2133
Delta R.T. 0.03 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:228 Resp: 44314

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	22.3	16.3	24.5



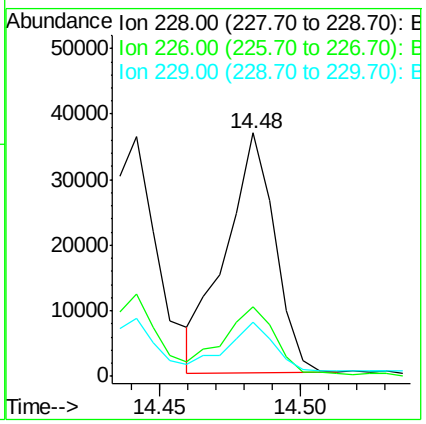


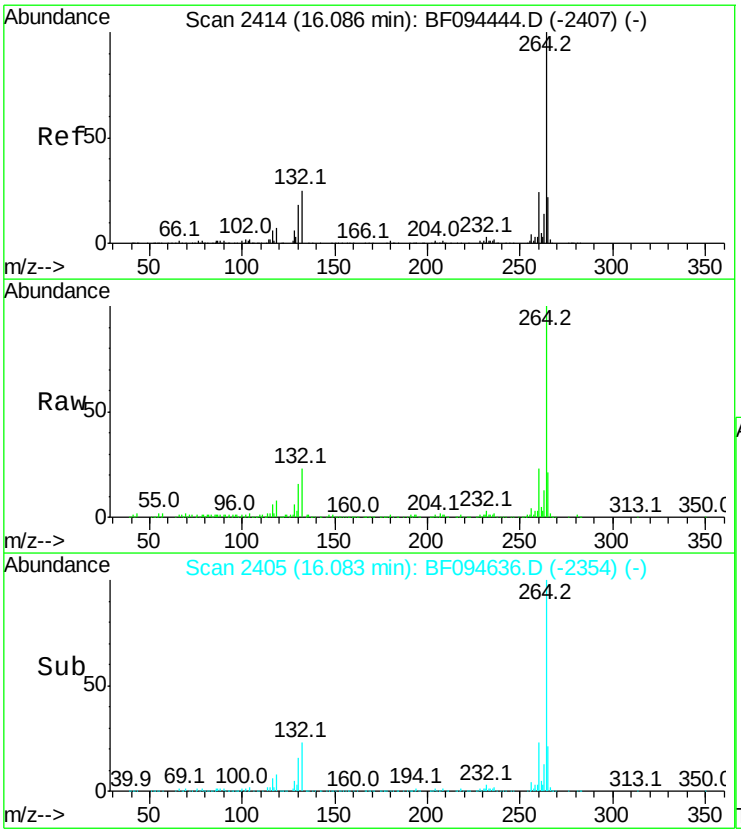
#82
Chrysene
Concen: 3.37 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 44314

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.9	37.3
229	22.3	15.8	23.6

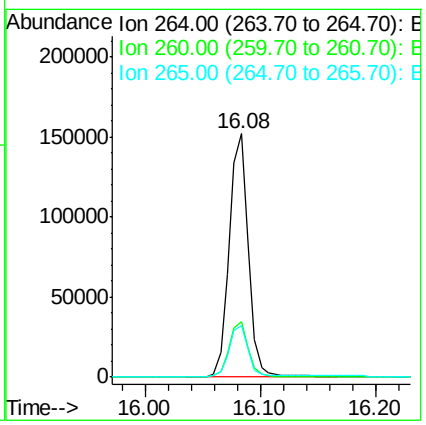


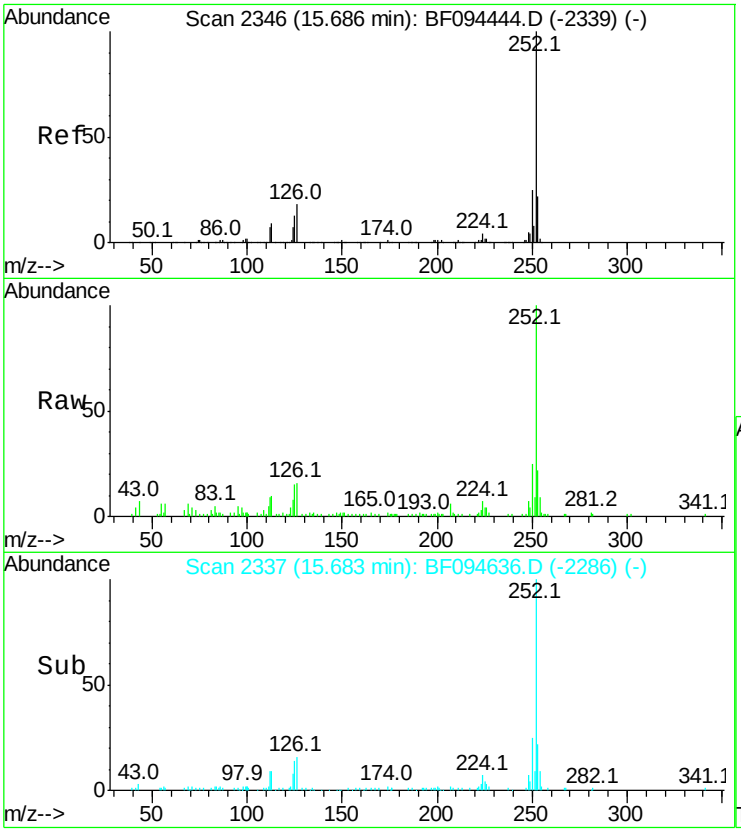


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:264 Resp: 174517

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.3	17.2	25.8



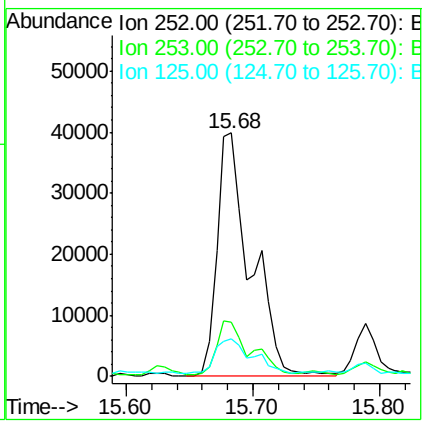


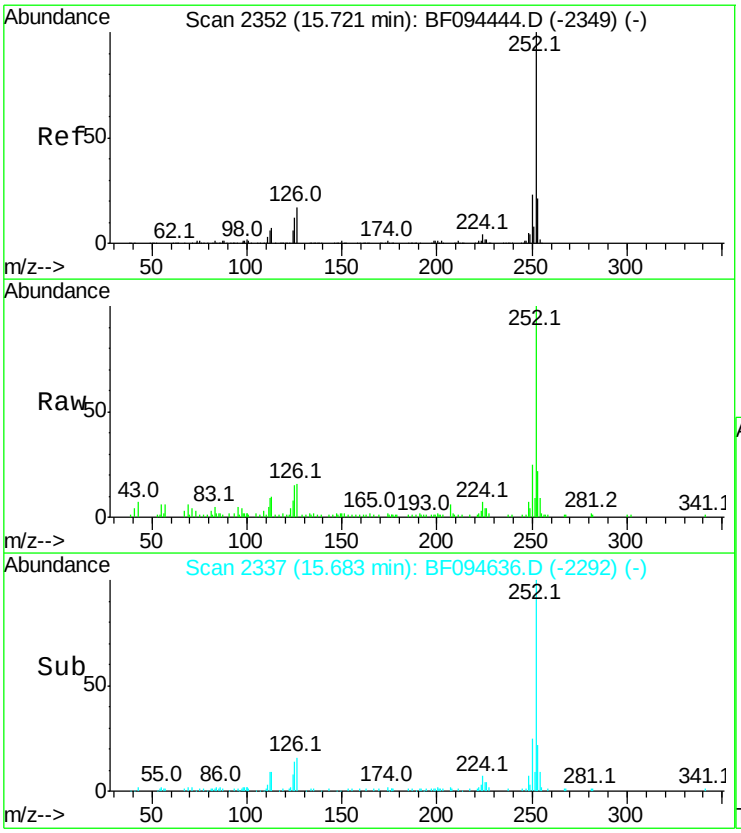
#87
Benzo(b)fluoranthene
Concen: 6.93 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73948

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	15.2	9.8	14.8#

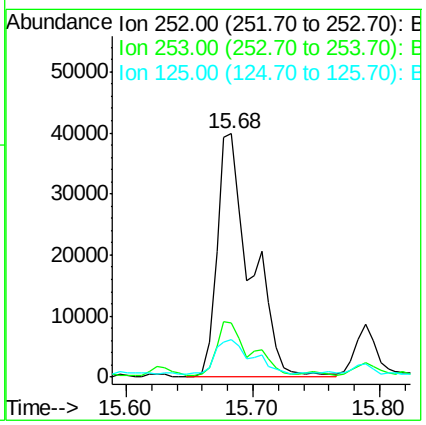


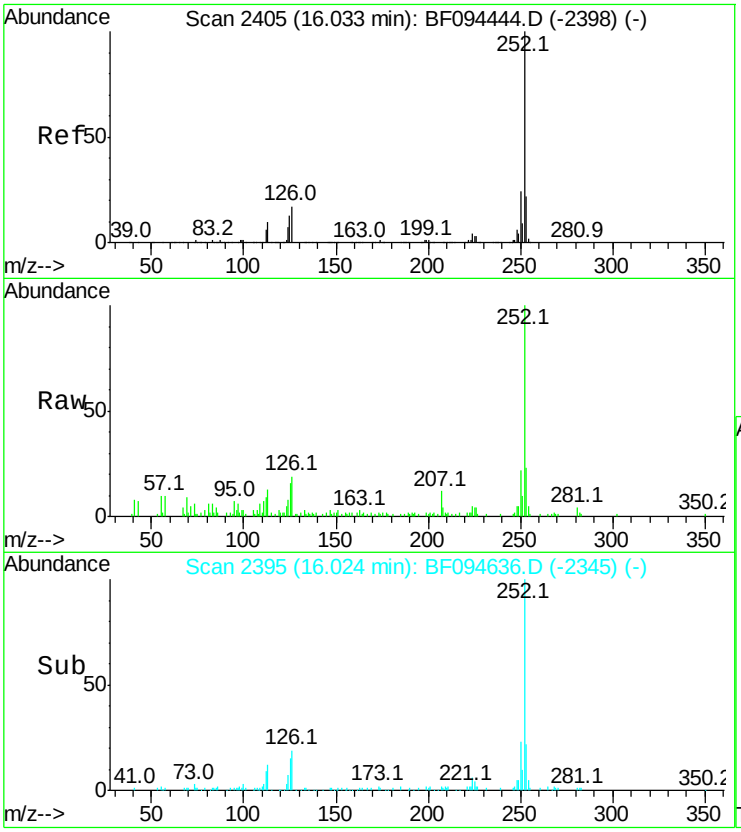


#88
Benzo(k)fluoranthene
Concen: 7.32 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.04 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion:252 Resp: 73948

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	15.2	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.98 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29601

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	15.9	11.0	16.4