Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094472.D
Acq On : 18 Apr 2017 1:43
Operator : SJ/MA
Sample : I2708-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 04:38:02 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	5.76	152	162250	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	623450	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	269389	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	480979	20.00	ng		0.00
75) Chrysene-d12	14.46	240	315268	20.00	ng		0.00
86) Perylene-d12	16.09	264	266744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.29	112	113585	11.61	ng		-0.01
7) Phenol-d6	5.37	99	148163	12.85	ng		-0.02
23) Nitrobenzene-d5	6.40	82	86437	8.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	22679	10.76	ng		-0.01
44) 2-Fluorobiphenyl	8.58	172	166156	9.08	ng		0.00
78) Terphenyl-d14	13.19	244	111431	9.45	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.08	163	40305	2.01	ng		98
50) 2,6-Dinitrotoluene	9.39	165	35309	7.84	ng	#	34
56) 2,4-Dinitrotoluene	9.39	165	35308	6.39	ng	#	33
70) Phenanthrene	11.24	178	131557	4.86	ng		99
74) Fluoranthene	12.70	202	496100	17.67	ng		98
77) Pyrene	12.98	202	503197	22.85	ng		98
80) Benzo(a)anthracene	14.45	228	210561	11.49	ng		99
82) Chrysene	14.49	228	186921	11.16	ng		97
85) Indeno(1,2,3-cd)pyrene	17.35	276	110178	6.91	ng		96
87) Benzo(b)fluoranthene	15.69	252	323909	19.85	ng		97
88) Benzo(k)fluoranthene	15.69	252	323909	20.98	ng		95
89) Benzo(a)pyrene	16.03	252	188577	12.42	ng		99
91) Benzo(g,h,i)perylene	17.72	276	102190	7.96	ng		98

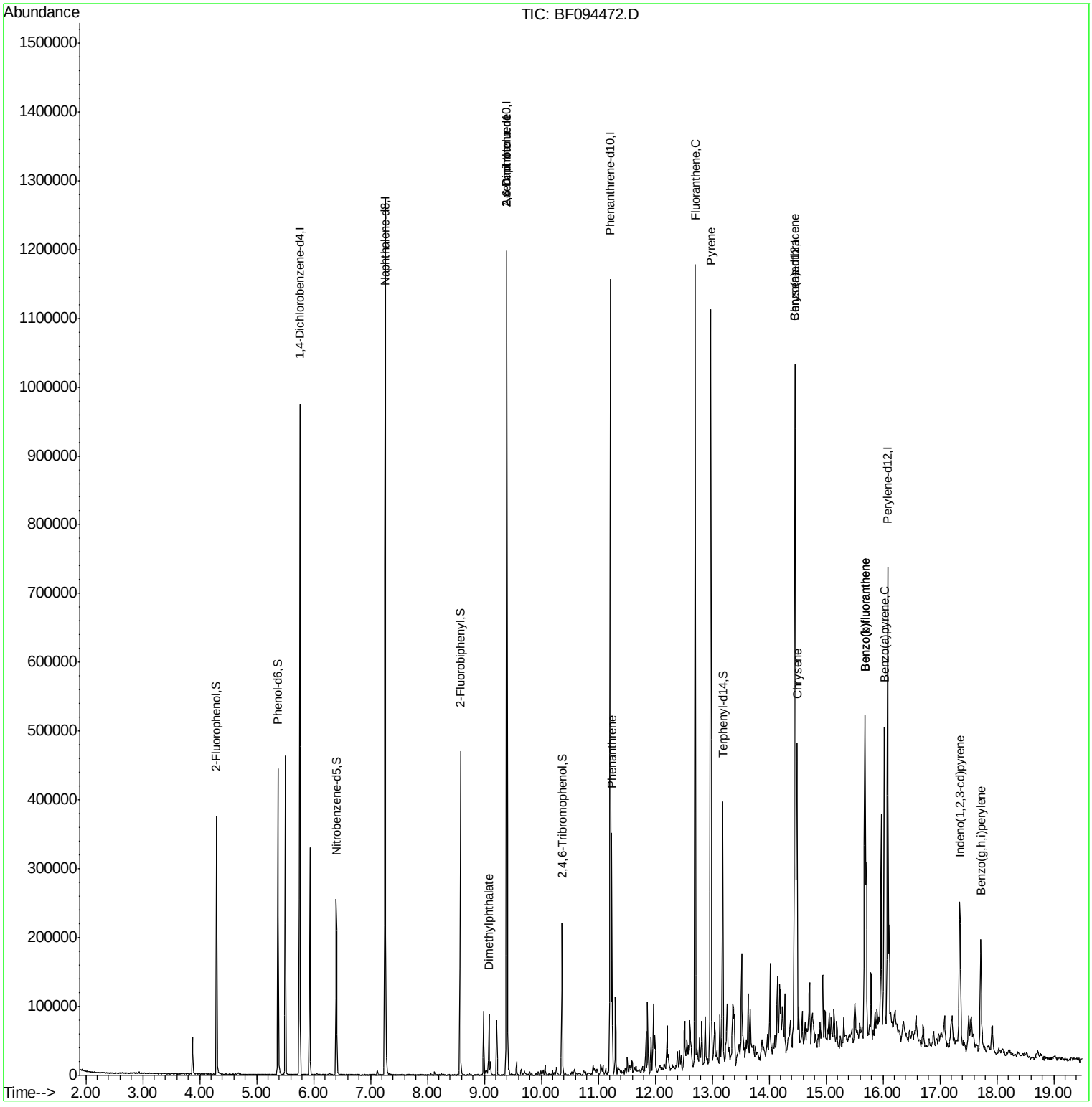
(#) = qualifier out of range (m) = manual integration (+) = signals summed

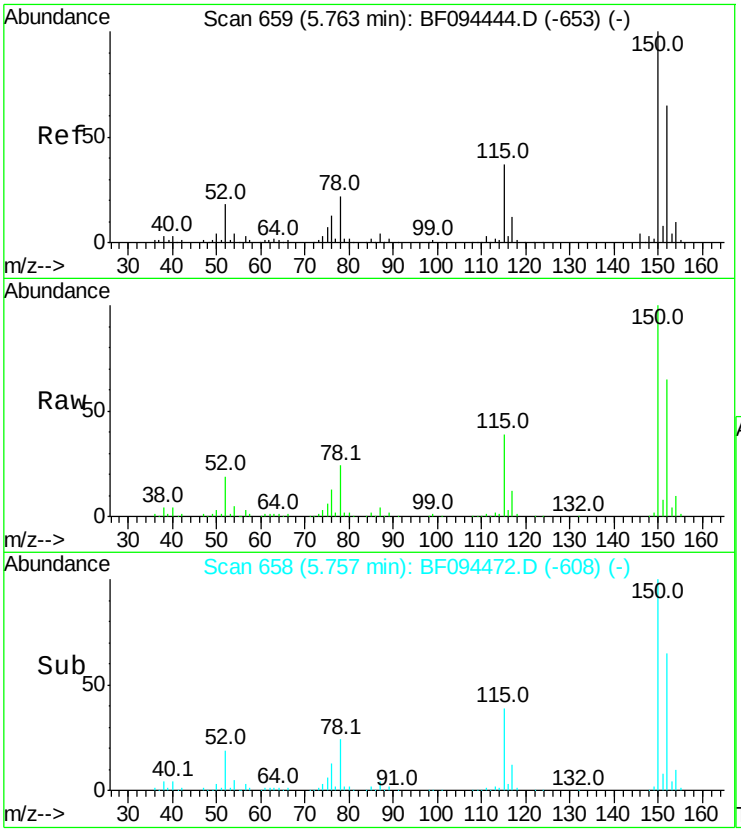
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094472.D
Acq On : 18 Apr 2017 1:43
Operator : SJ/MA
Sample : I2708-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 18 04:38:02 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



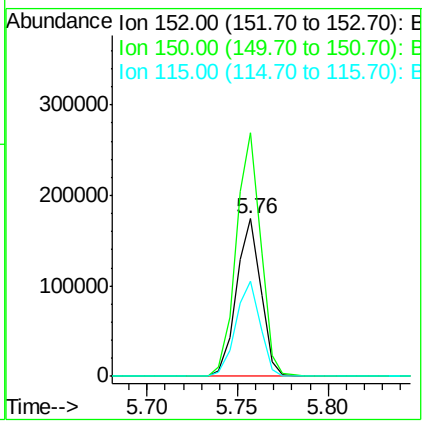


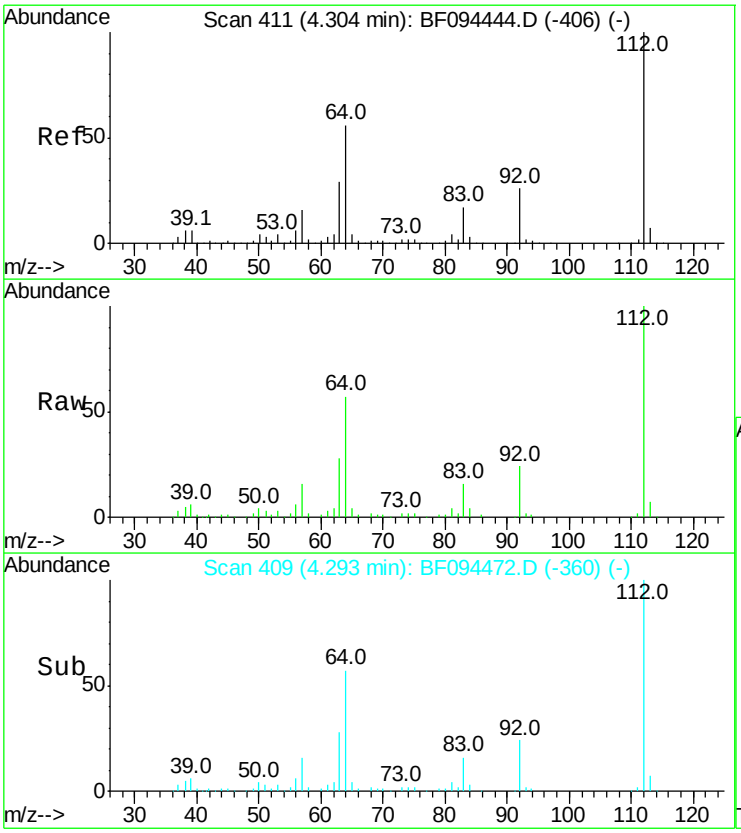
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 162250

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	60.8	52.2	78.2

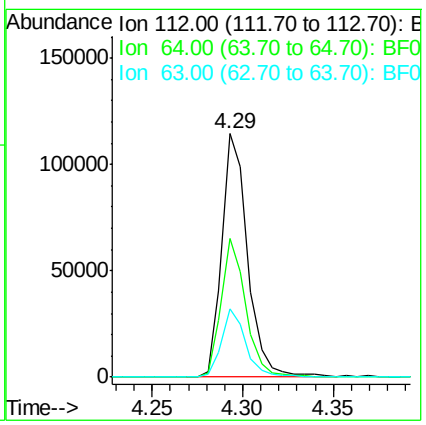


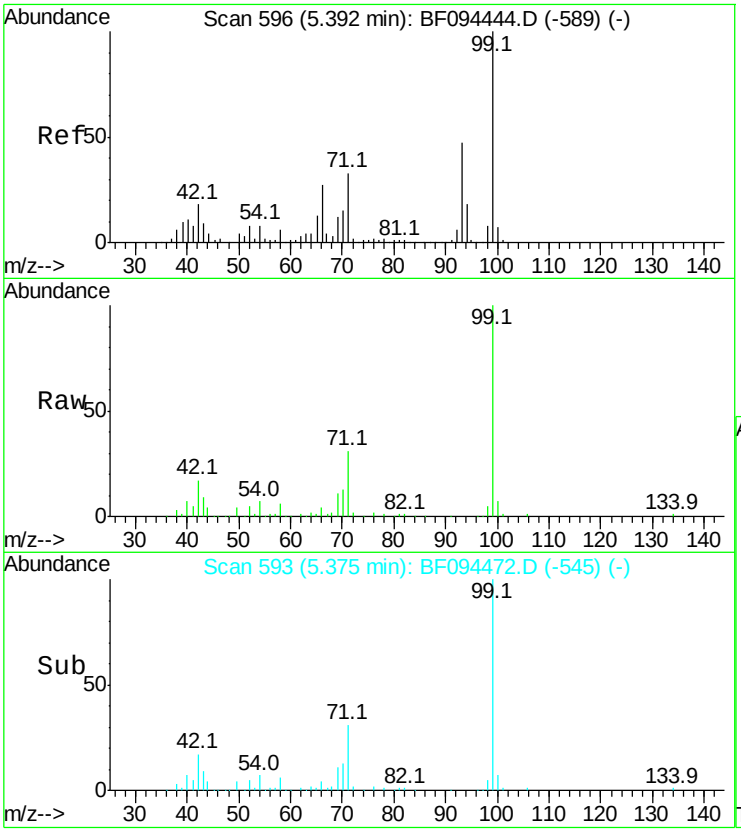


#5
2-Fluorophenol
Concen: 11.61 ng
RT: 4.29 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:112 Resp: 113585

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	28.2	23.4	35.0



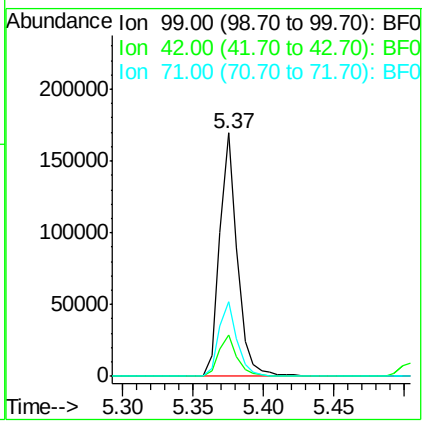


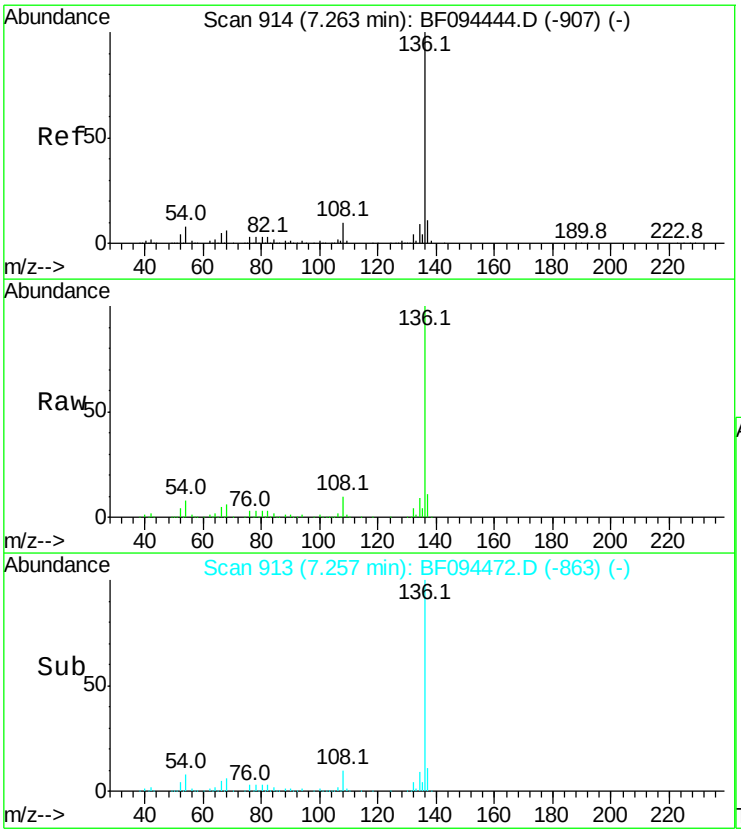
#7
Phenol-d6
Concen: 12.85 ng
RT: 5.37 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 148163

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	30.8	24.5	36.7

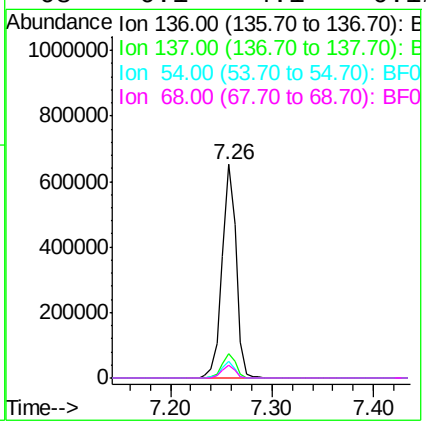


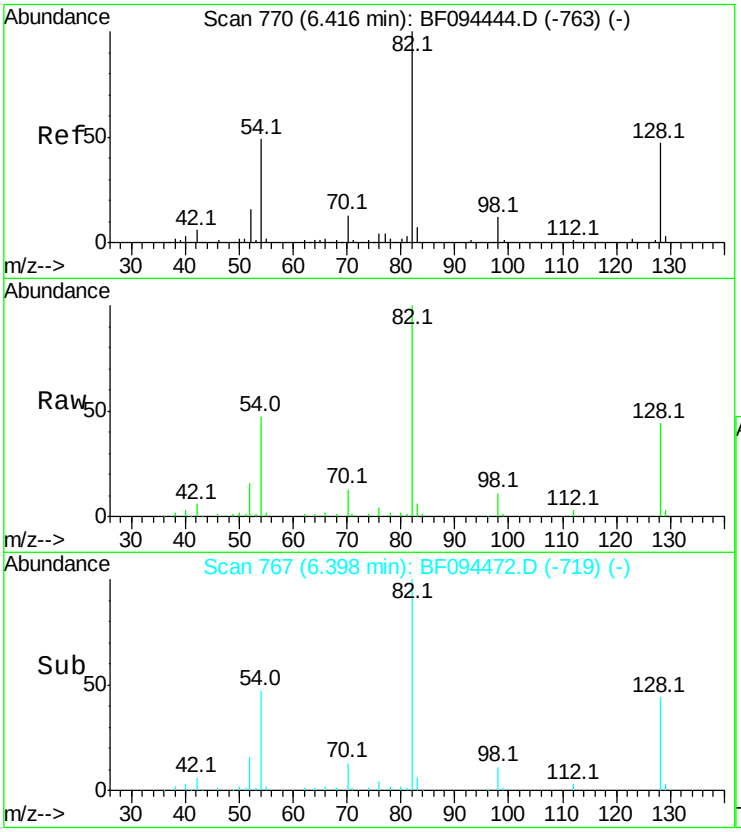


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:136 Resp: 623450

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1#

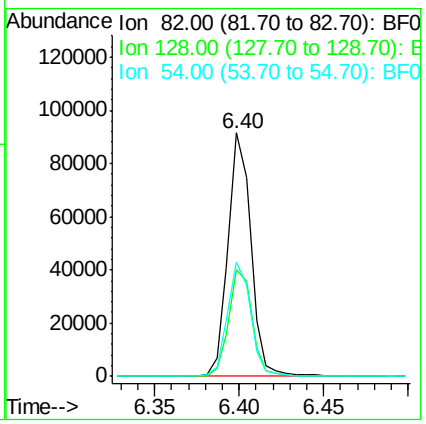




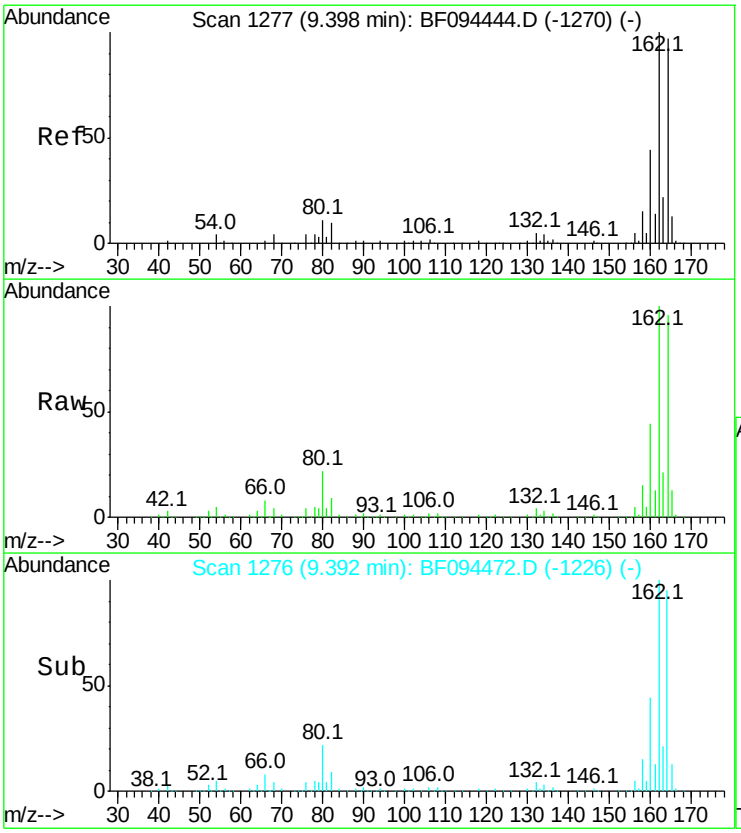
#23
Nitrobenzene-d5
Concen: 8.56 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion: 82 Resp: 86437

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	47.2	42.2	63.2



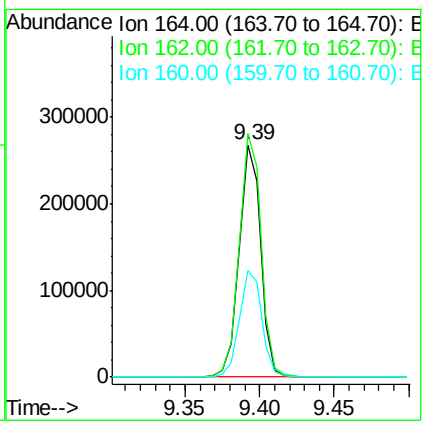
Instrument :
BNA_F
ClientSampleId :

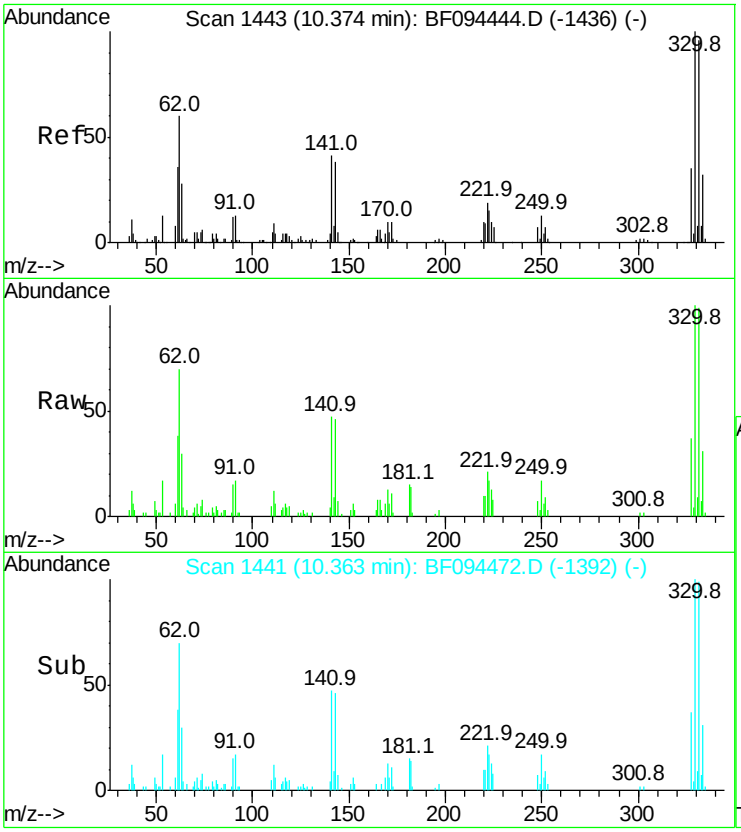


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:164 Resp: 269389

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	45.9	36.2	54.2



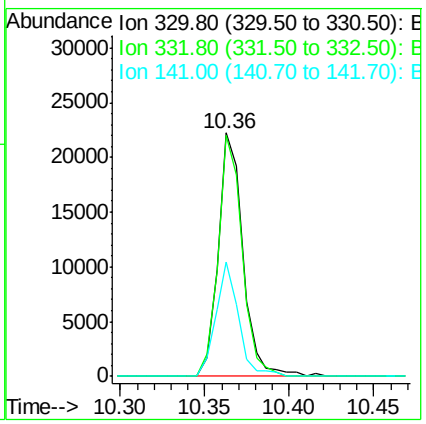


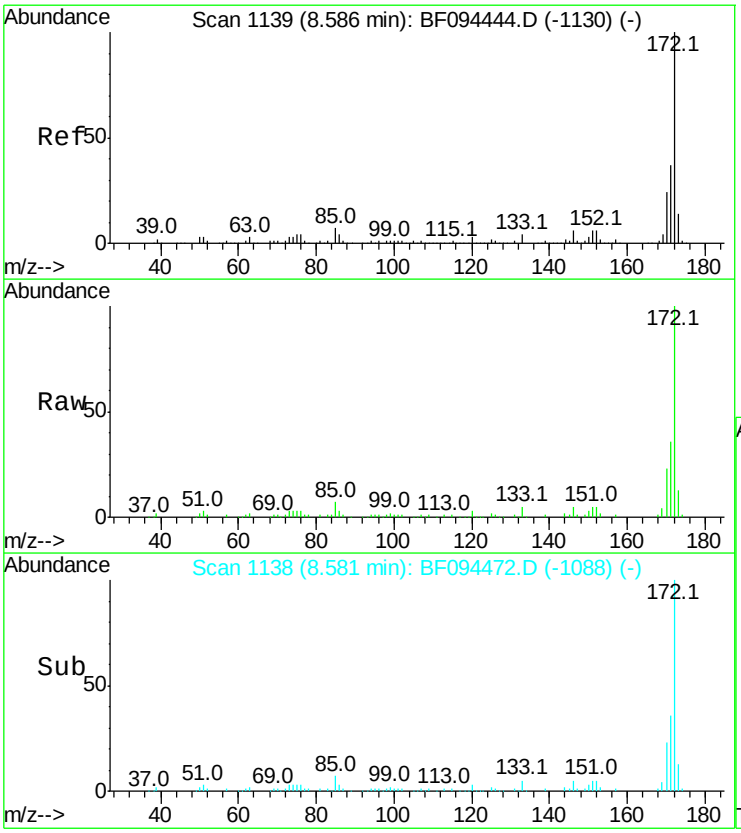
#41
2,4,6-Tribromophenol
Concen: 10.76 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 22679

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	43.4	31.4	47.2

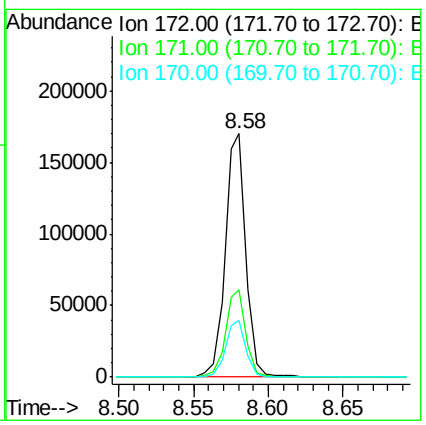


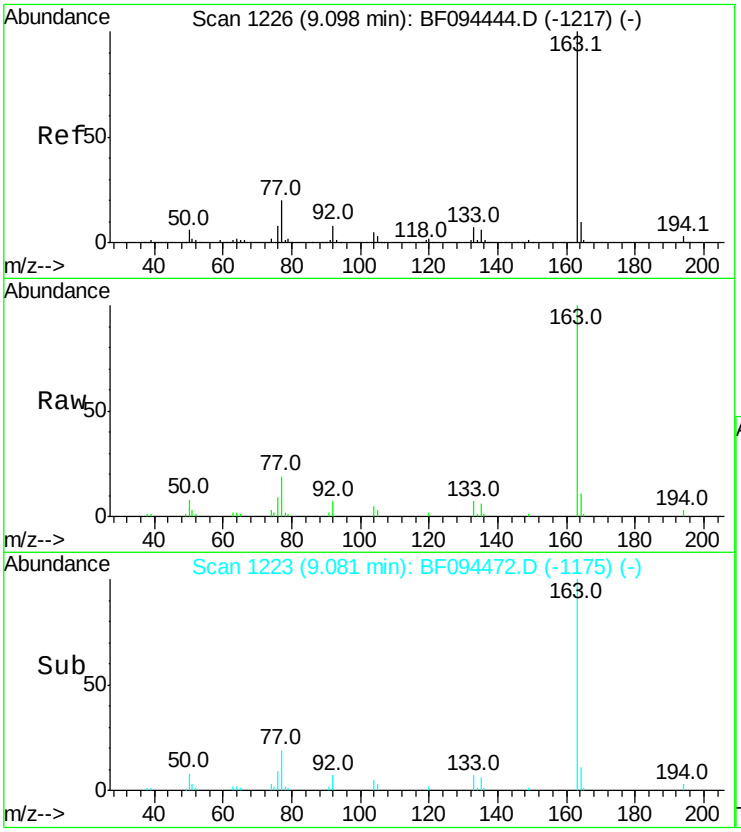


#44
2-Fluorobiphenyl
Concen: 9.08 ng
RT: 8.58 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:172 Resp: 166156

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.1	19.8	29.8



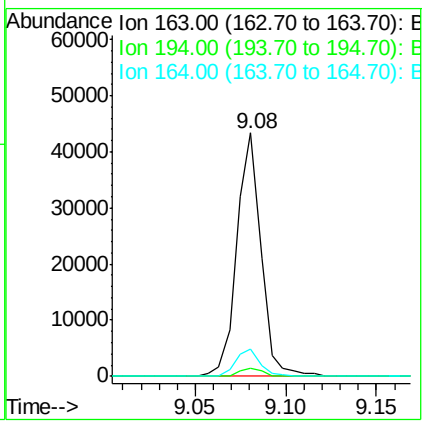


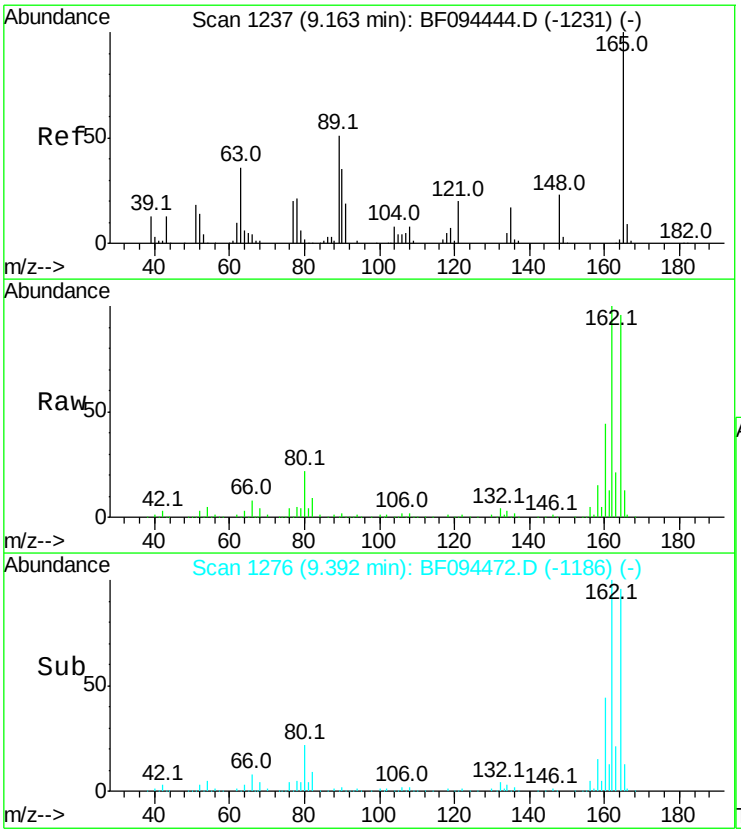
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 40305

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	11.3	8.4	12.6

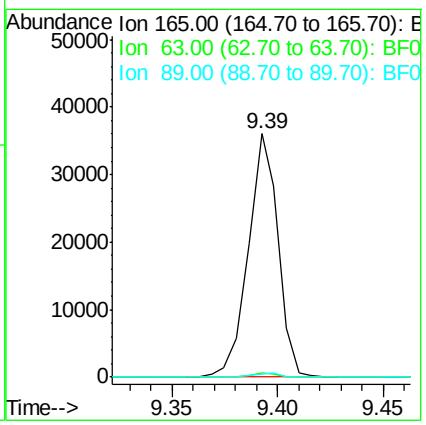


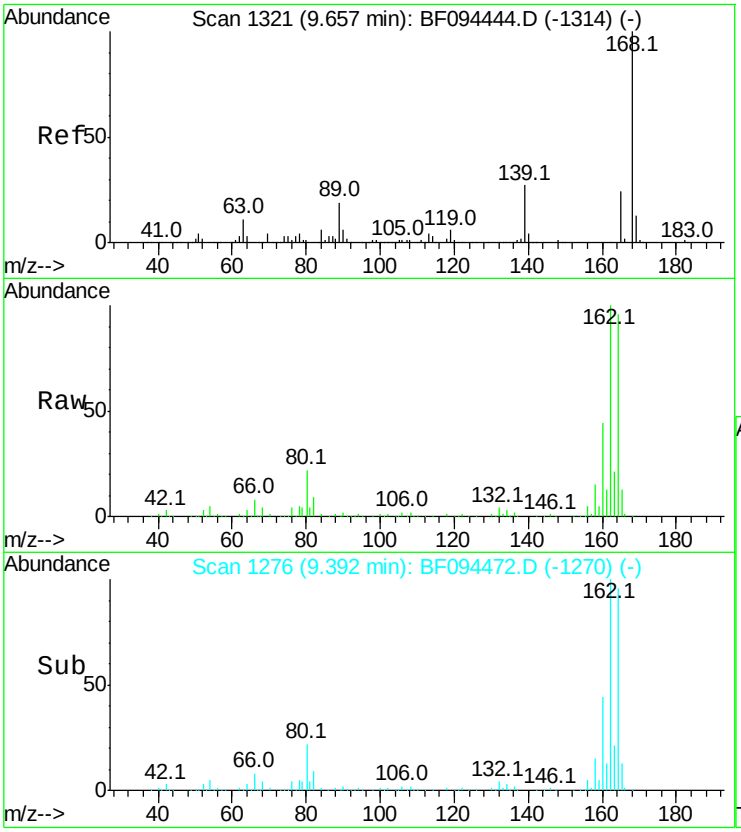


#50
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.39 min Scan# 1276
Delta R.T. 0.23 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:165 Resp: 35309

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.4	37.1	55.7#



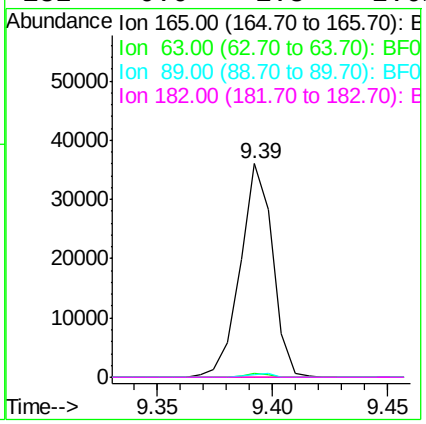


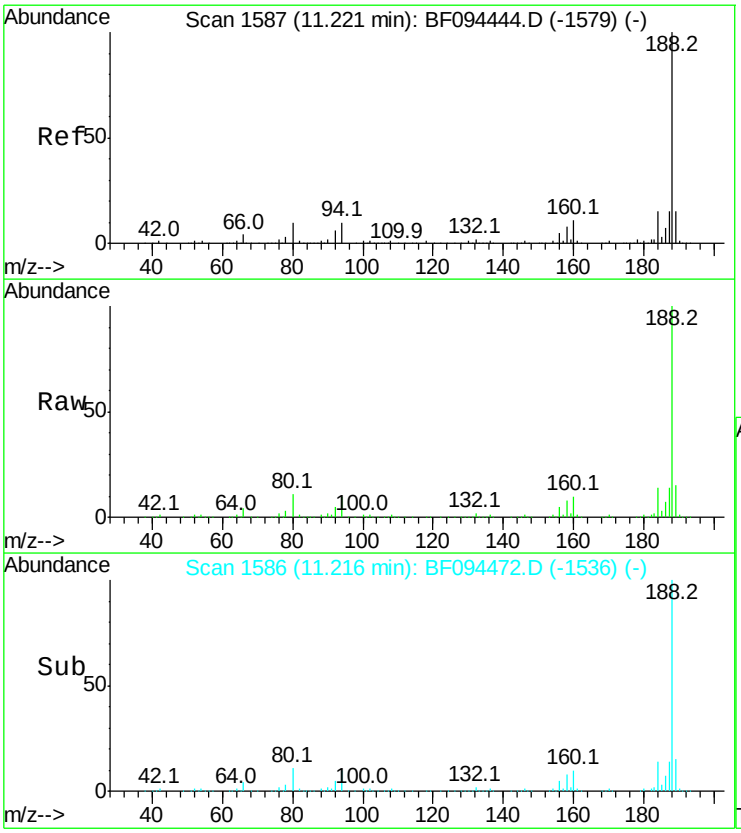
#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.26 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35308

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

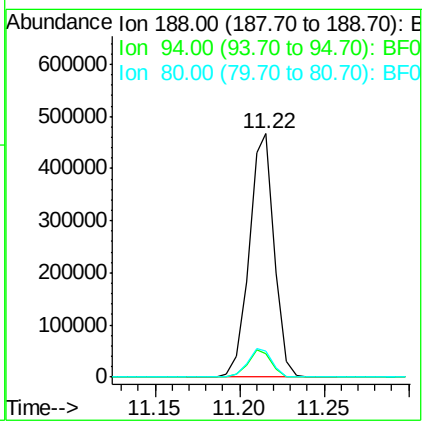


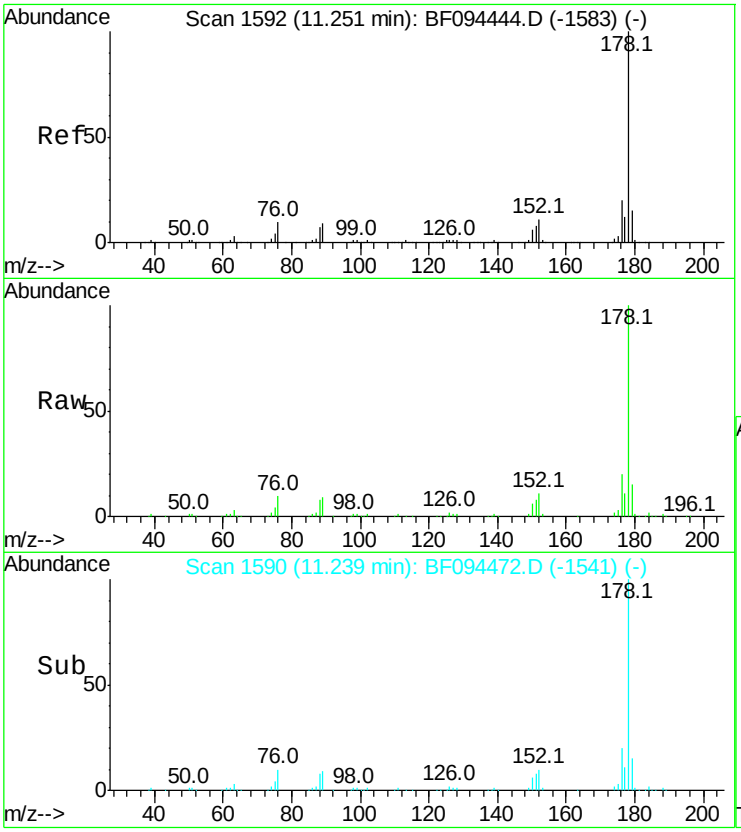


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:188 Resp: 480979

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.8	10.2	15.2



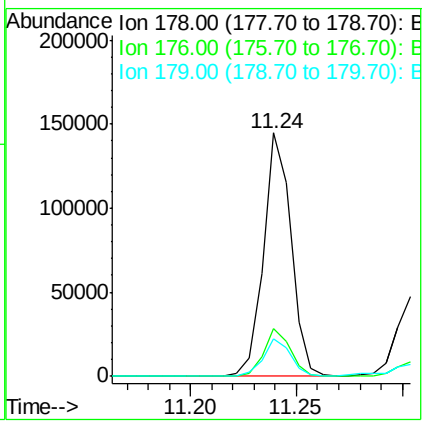


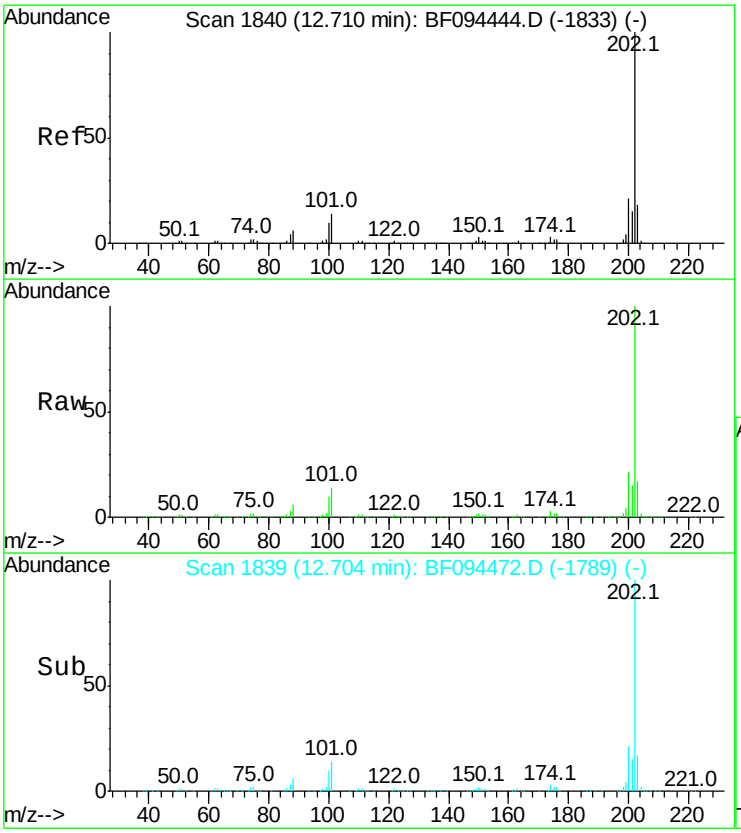
#70
Phenanthrene
Concen: 4.86 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 131557

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.3	12.6	19.0

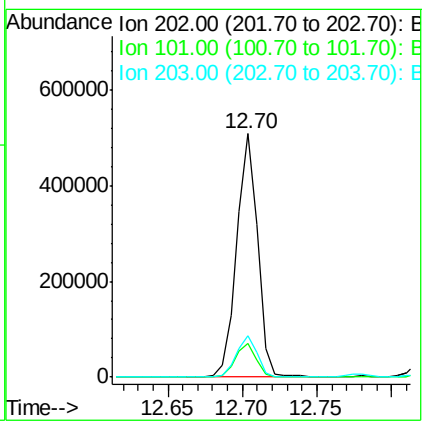


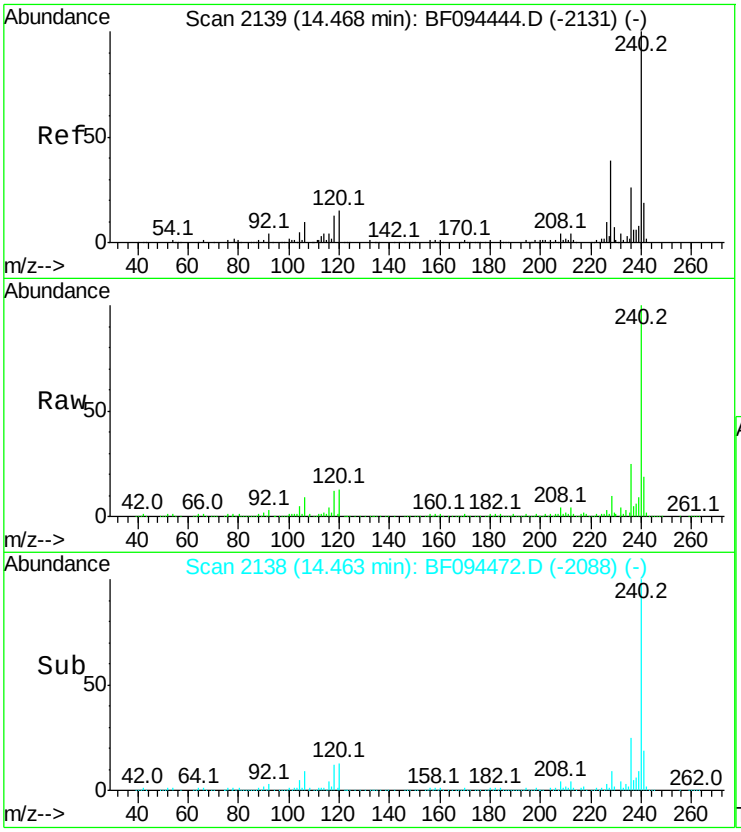


#74
Fluoranthene
Concen: 17.67 ng
RT: 12.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:202 Resp: 496100

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	16.9	0.0	38.1



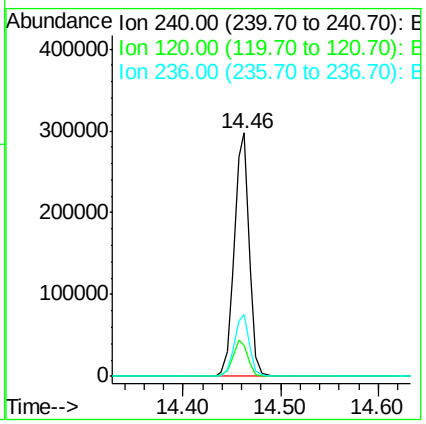


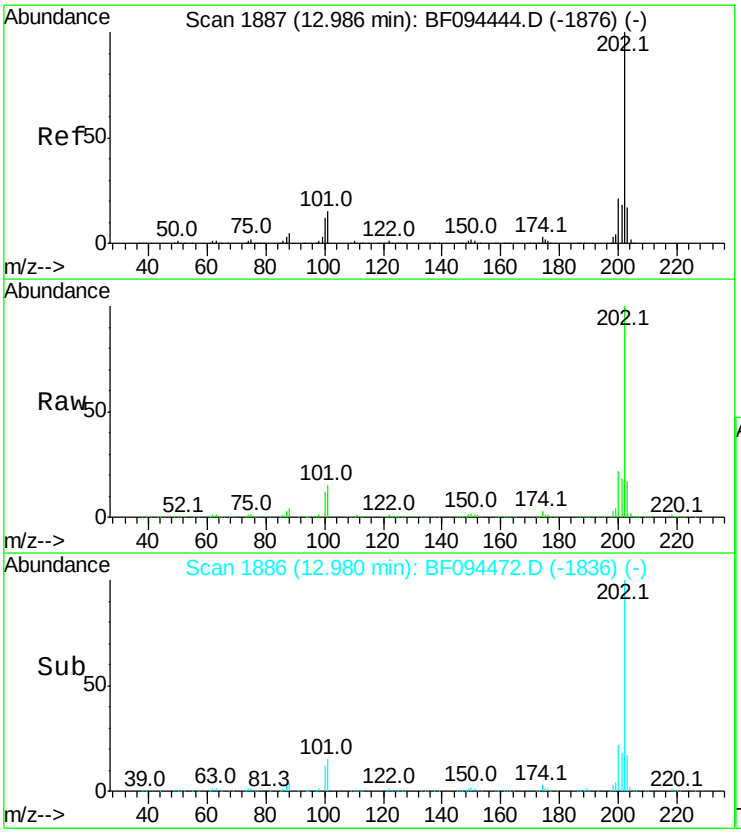
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 315268

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	25.2	20.5	30.7

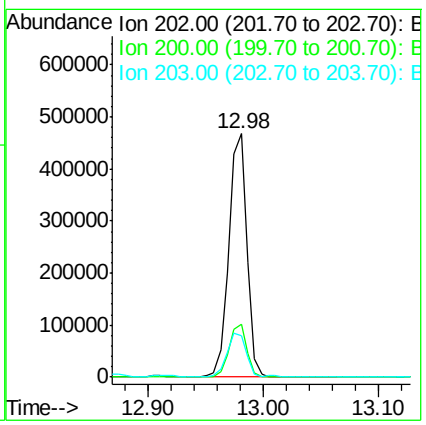


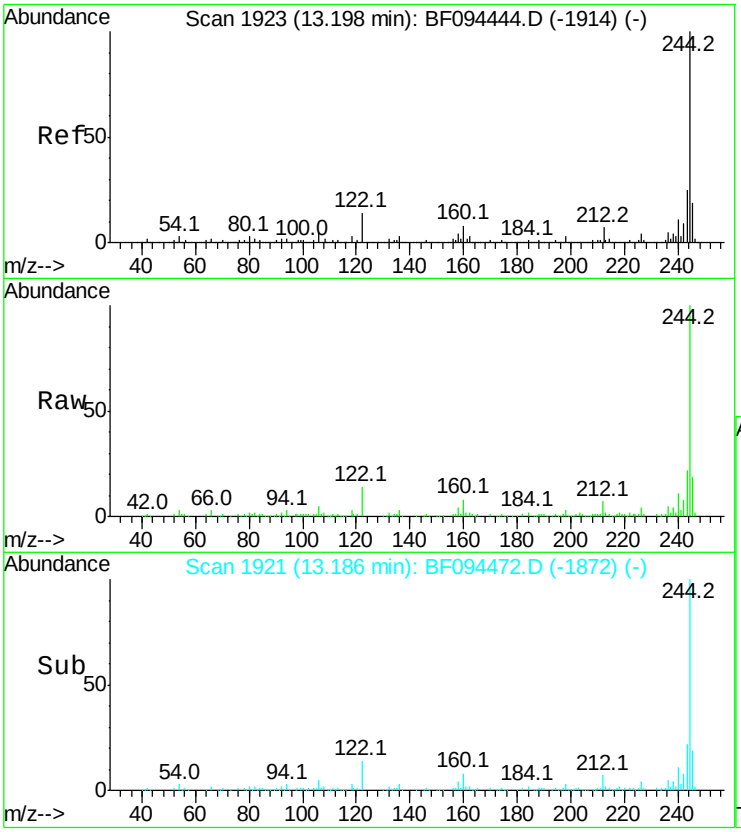


#77
Pyrene
Concen: 22.85 ng
RT: 12.98 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:202 Resp: 503197

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	16.9	14.4	21.6



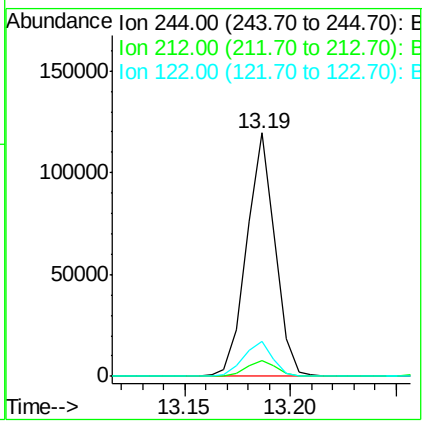


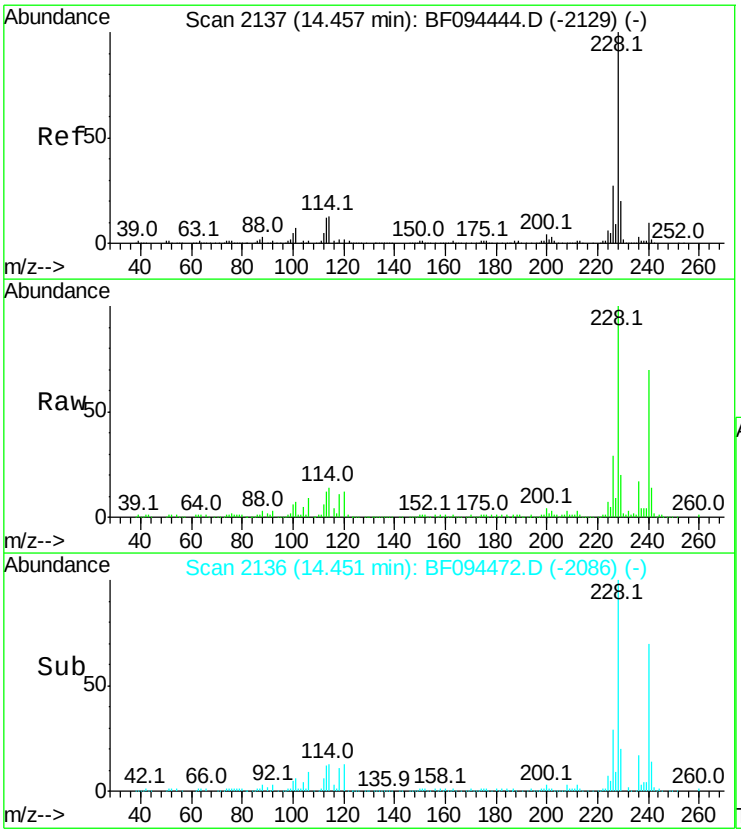
#78
Terphenyl-d14
Concen: 9.45 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 111431

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.4	10.3	15.5

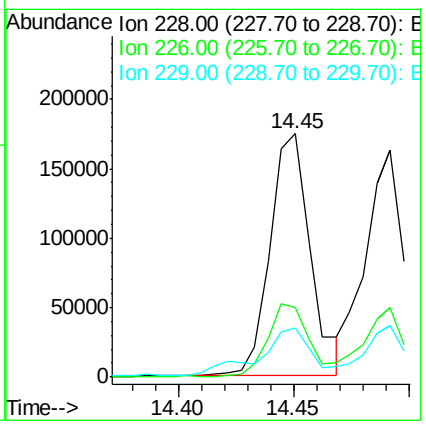


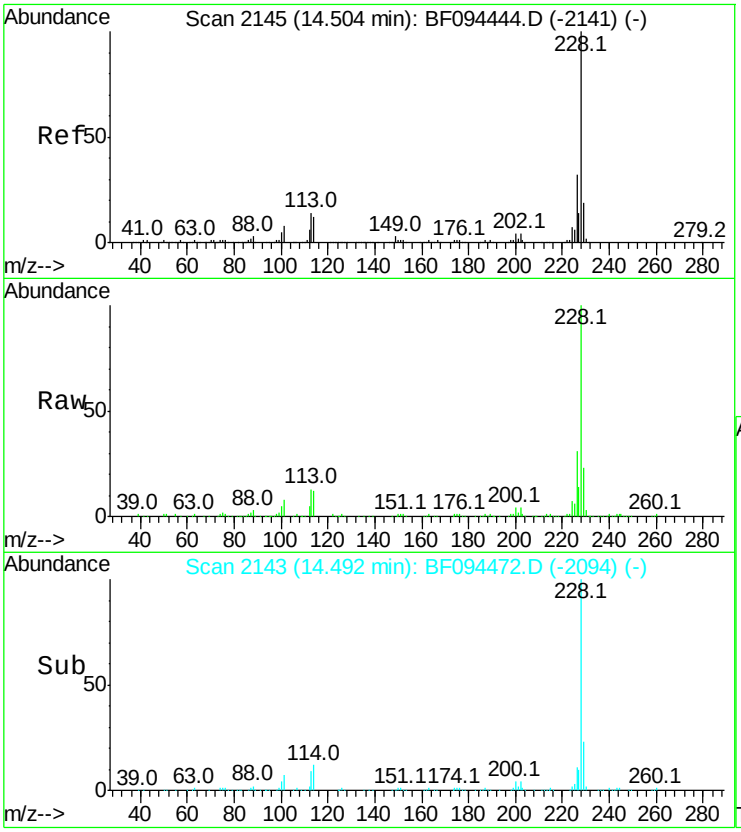


#80
Benzo(a)anthracene
Concen: 11.49 ng
RT: 14.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:228 Resp: 210561

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.2	16.3	24.5



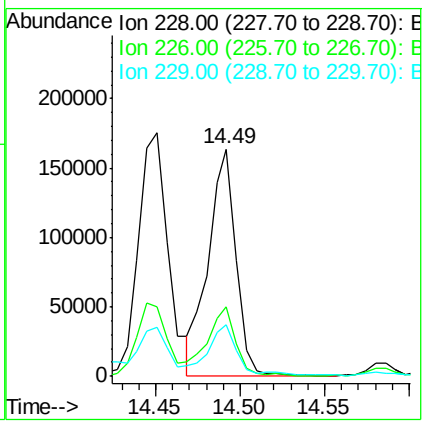


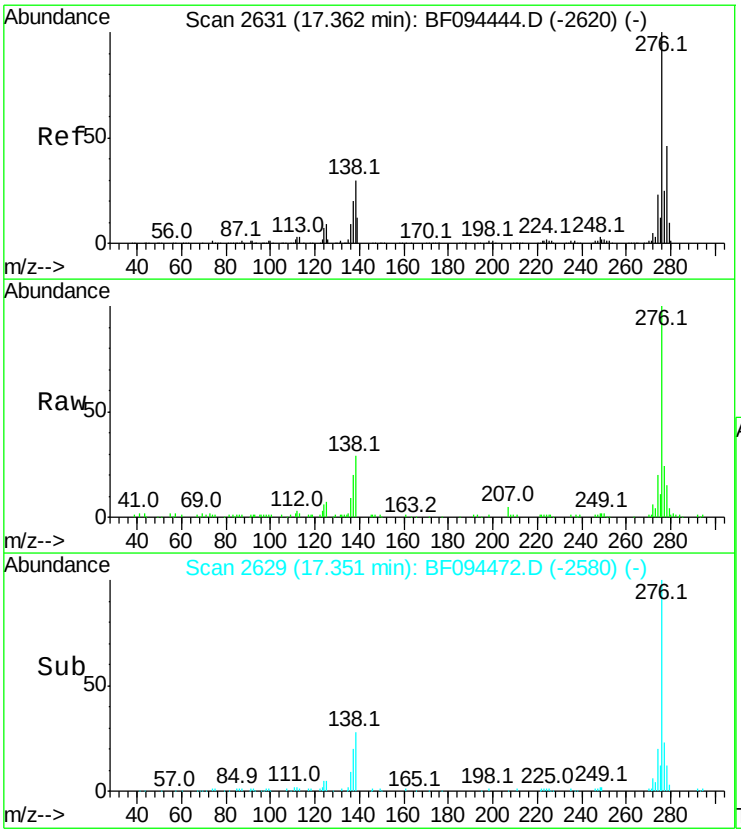
#82
Chrysene
Concen: 11.16 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 186921

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	23.0	15.8	23.6

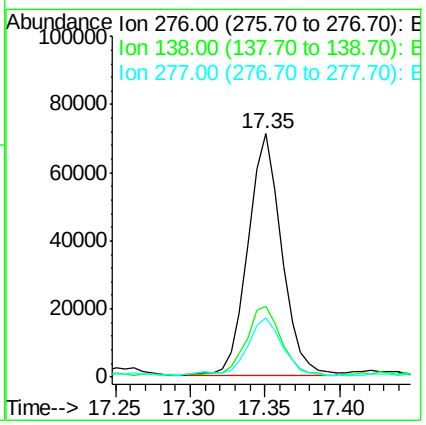


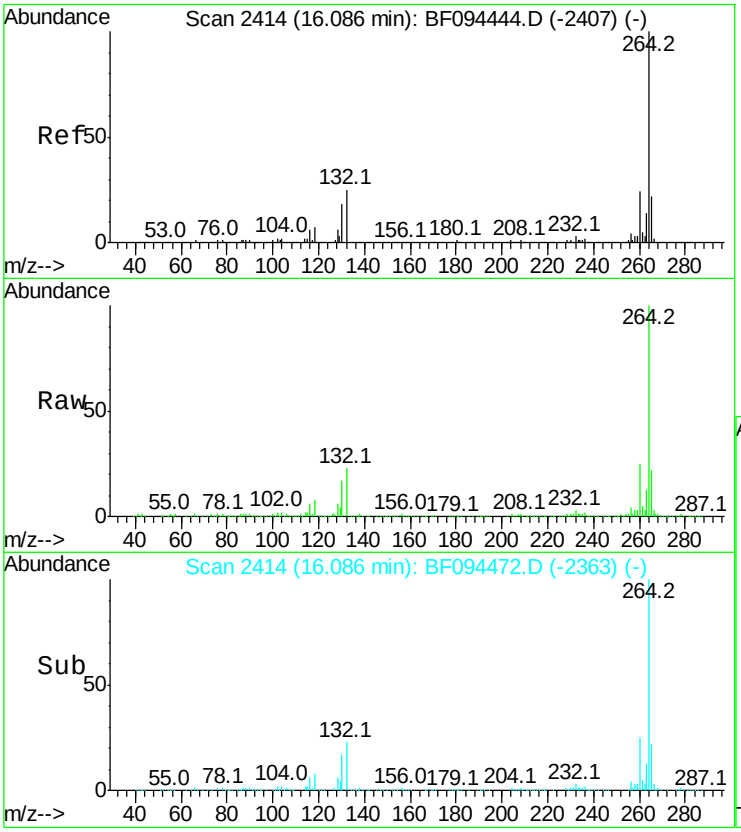


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.91 ng
RT: 17.35 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:276 Resp: 110178

Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	25.1	20.2	30.4



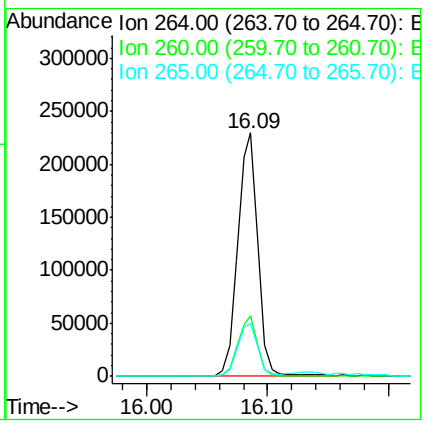


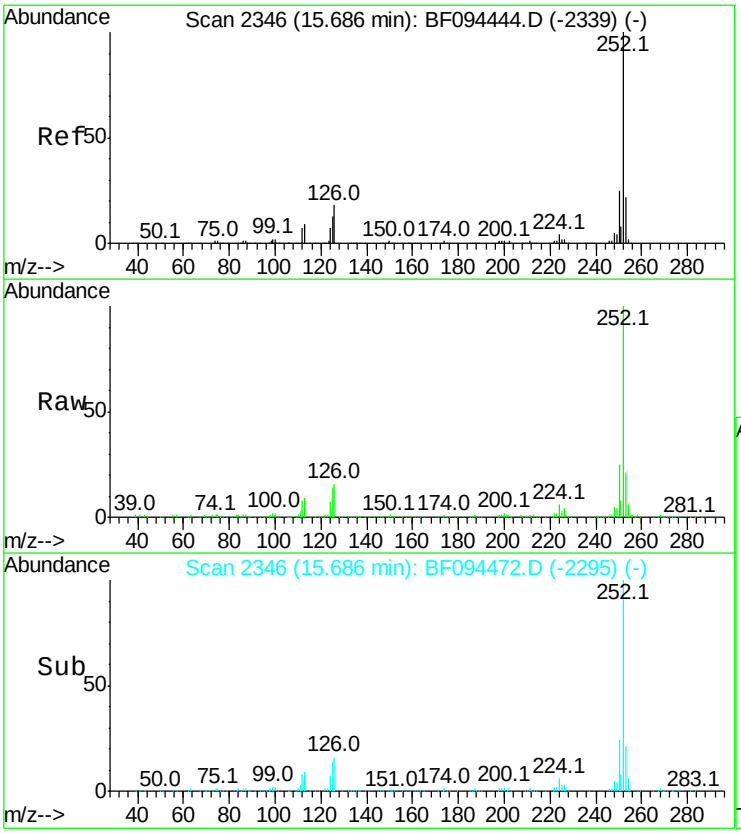
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 266744

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.8	17.2	25.8

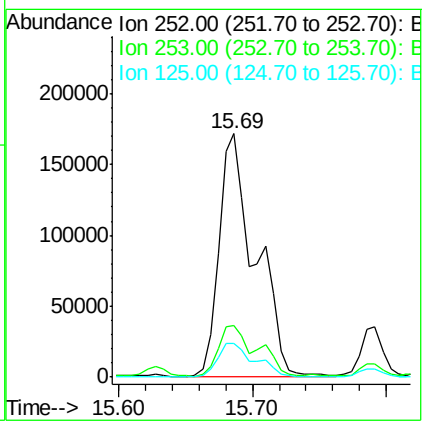


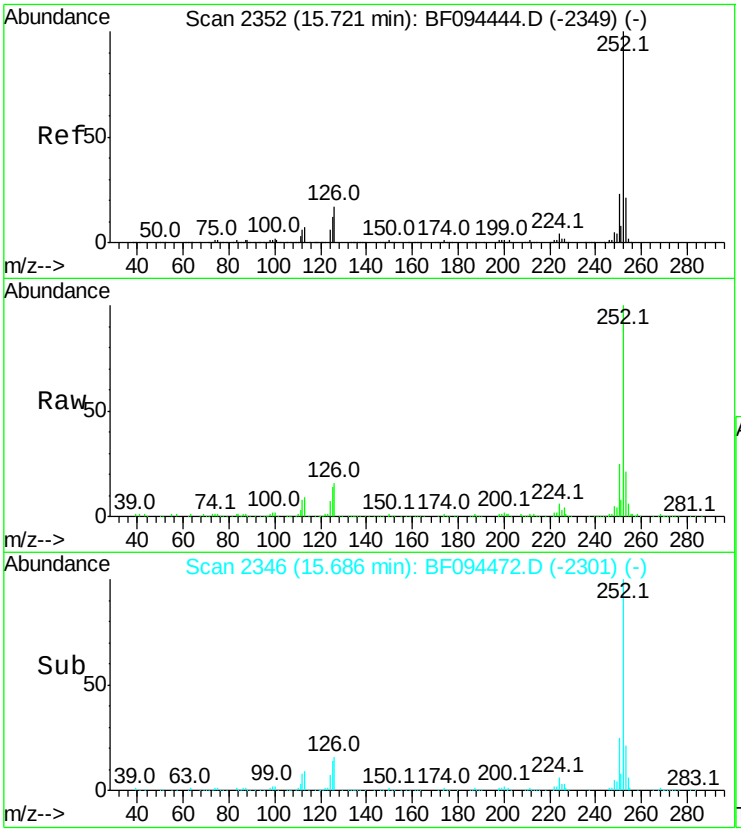


#87
Benzo(b)fluoranthene
Concen: 19.85 ng
RT: 15.69 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:252 Resp: 323909

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	13.7	9.8	14.8



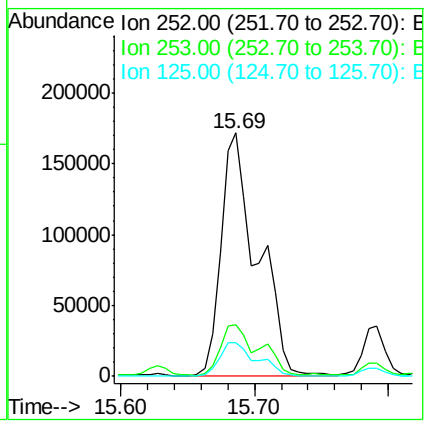


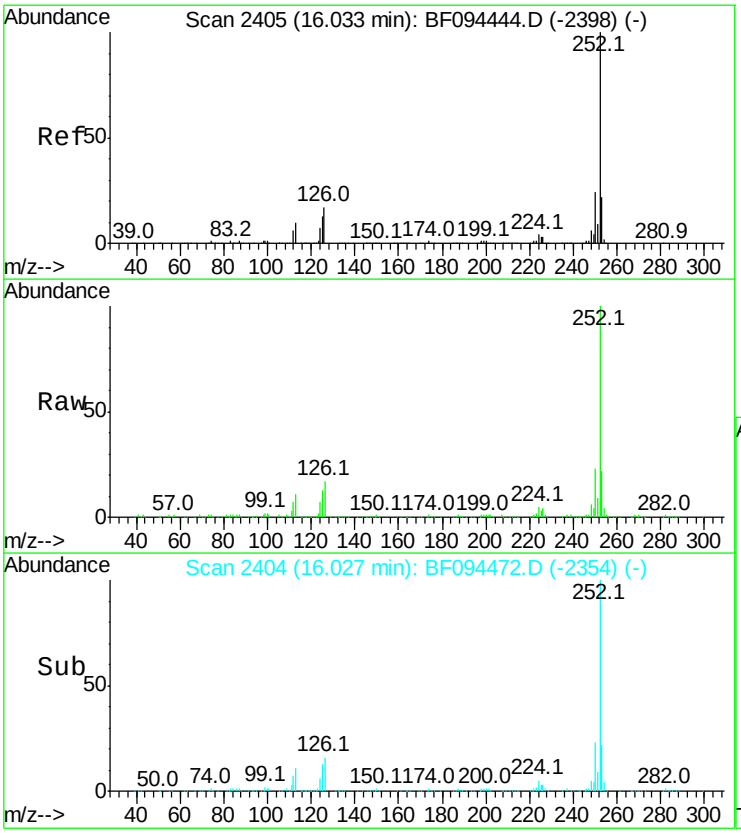
#88
Benzo(k)fluoranthene
Concen: 20.98 ng
RT: 15.69 min Scan# 2346
Delta R.T. -0.04 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 323909

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	13.7	13.1	19.7

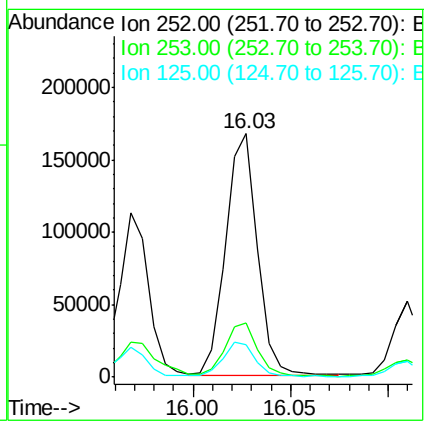


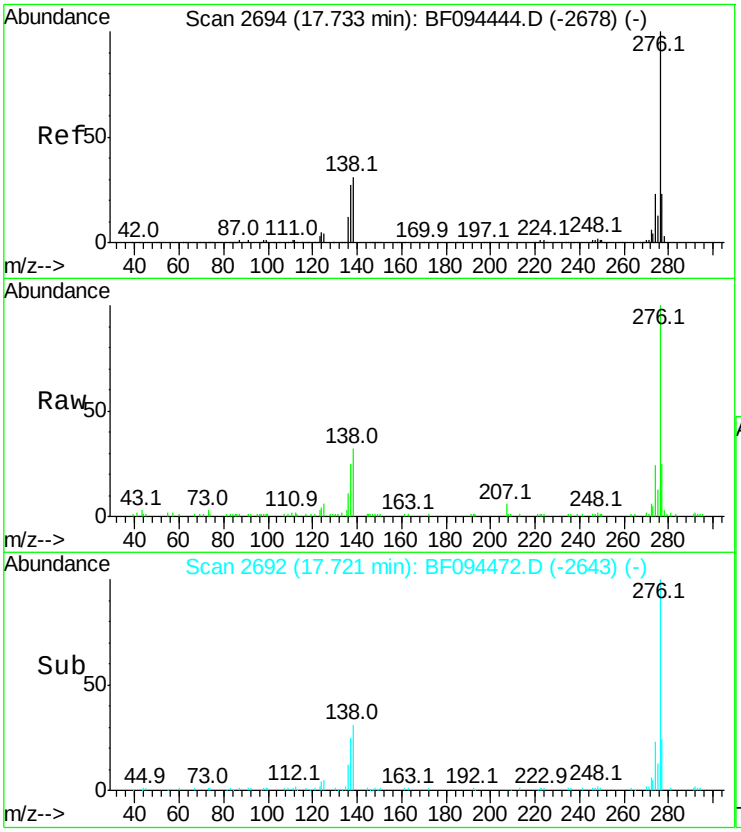


#89
Benzo(a)pyrene
Concen: 12.42 ng
RT: 16.03 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion:252 Resp: 188577

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.1	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.96 ng
RT: 17.72 min Scan# 2692
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 102190

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	32.1	25.4	38.0