Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112816\
Data File : BF091314.D
Acq On : 28 Nov 2016 15:46
Operator : UM/SJ
Sample : H5740-10DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 28 16:46:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	203376	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	879528	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	451976	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	672232	20.00	ng		0.00
75) Chrysene-d12	14.04	240	425601	20.00	ng		0.00
86) Perylene-d12	15.49	264	494339	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	152482	12.05	ng		0.00
7) Phenol-d6	6.49	99	195247	12.01	ng		0.00
23) Nitrobenzene-d5	7.43	82	116075	7.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	46934	10.30	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	191230	6.93	ng		0.00
78) Terphenyl-d14	12.99	244	136497	7.32	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.41	77	479	Below Cal			98
48) Acenaphthylene	9.77	152	139707	3.65	ng		98
50) 2,6-Dinitrotoluene	9.92	165	59164	9.60	ng	#	17
56) 2,4-Dinitrotoluene	9.92	165	59417	7.62	ng	#	34
70) Phenanthrene	11.42	178	161984	4.64	ng		98
71) Anthracene	11.48	178	350364	9.83	ng		97
74) Fluoranthene	12.61	202	1020961	28.78	ng		97
77) Pyrene	12.84	202	1142669	36.34	ng		98
80) Benzo(a)anthracene	14.03	228	1026934	42.51	ng		95
82) Chrysene	14.03	228	1026934	44.99	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	637260	32.41	ng	#	92
87) Benzo(b)fluoranthene	15.08	252	2194856	70.38	ng		99
88) Benzo(k)fluoranthene	15.08	252	2194856	86.17	ng	#	97
89) Benzo(a)pyrene	15.36	252	822564	31.00	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	186207	7.60	ng		93
91) Benzo(g,h,i)perylene	17.34	276	544536	22.41	ng		99

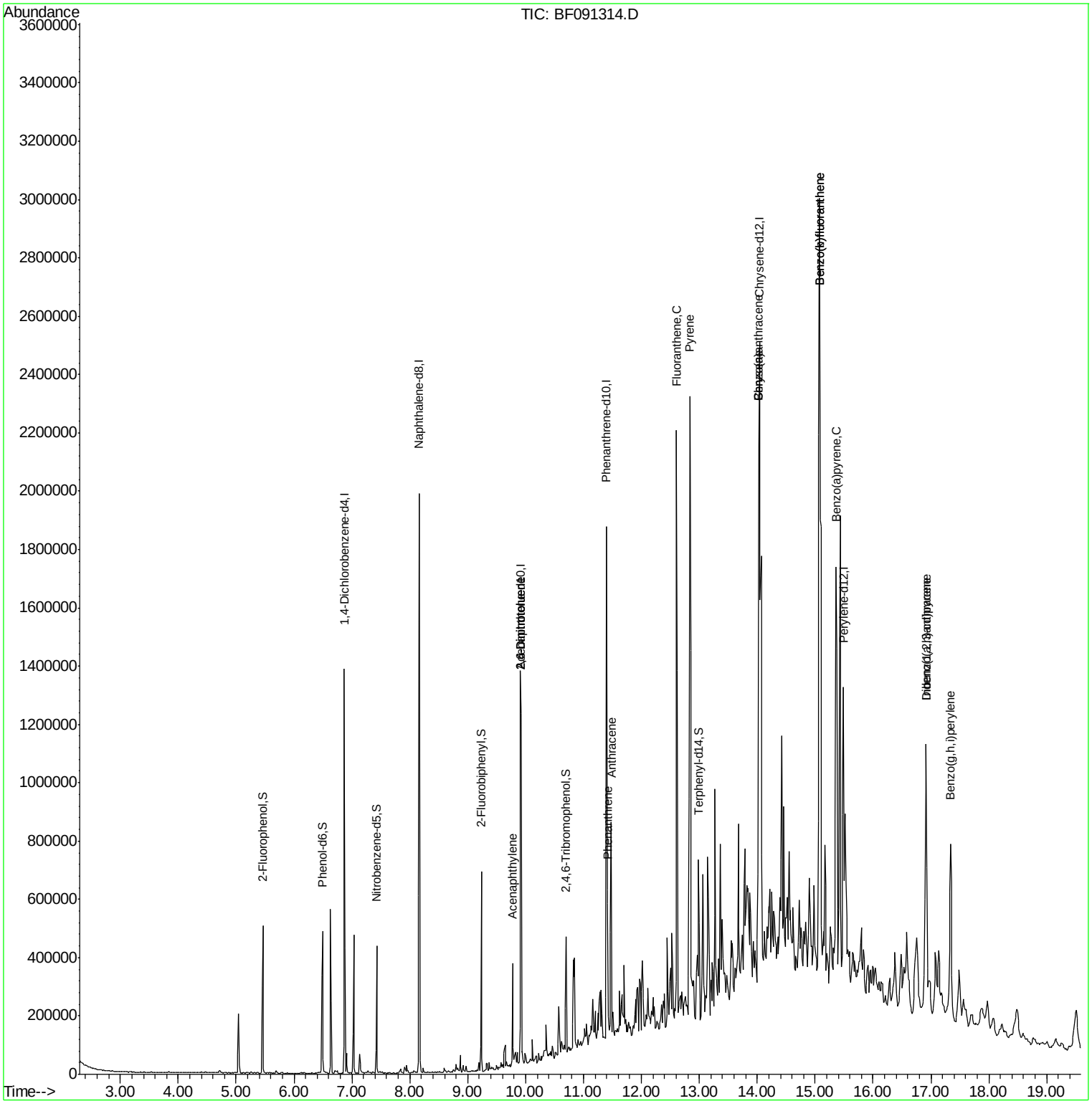
(#) = qualifier out of range (m) = manual integration (+) = signals summed

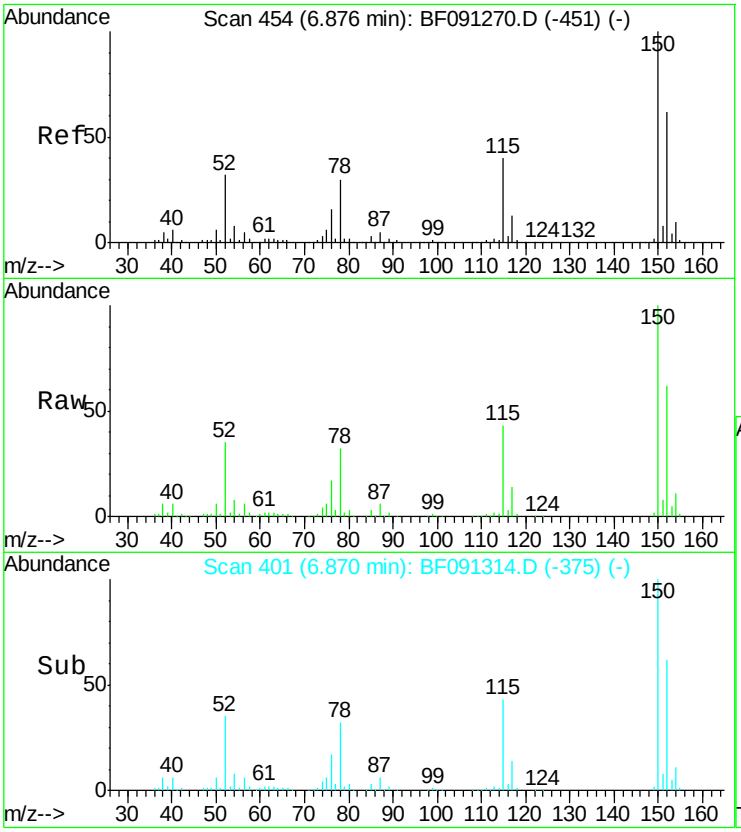
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112816\
Data File : BF091314.D
Acq On : 28 Nov 2016 15:46
Operator : UM/SJ
Sample : H5740-10DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 28 16:46:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration



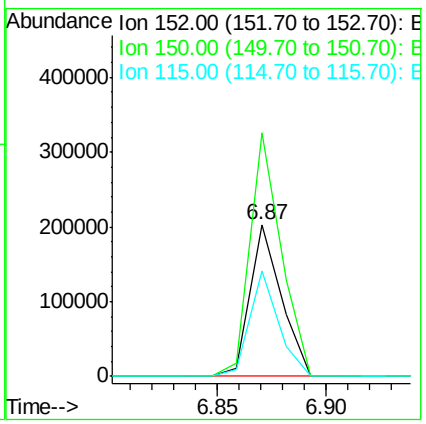


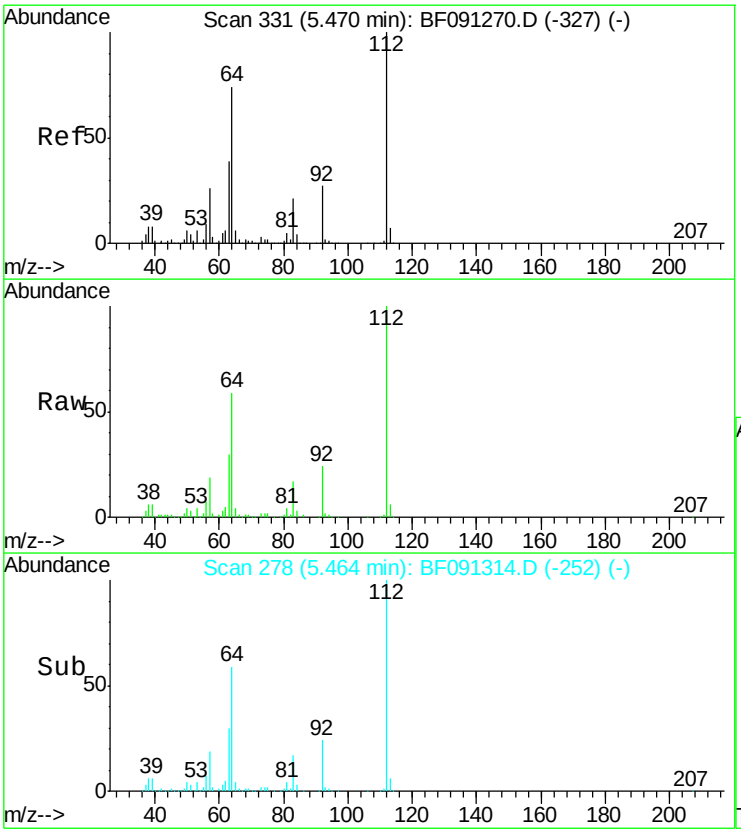
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 203376

Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.5	183.7
115	69.4	51.8	77.8

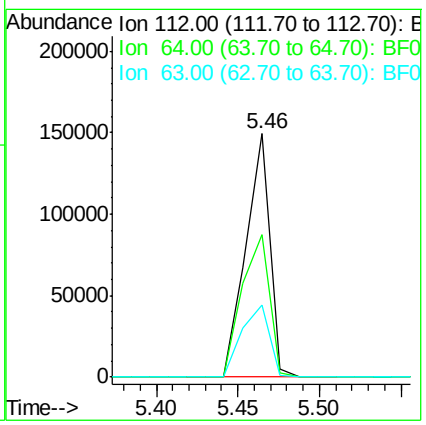


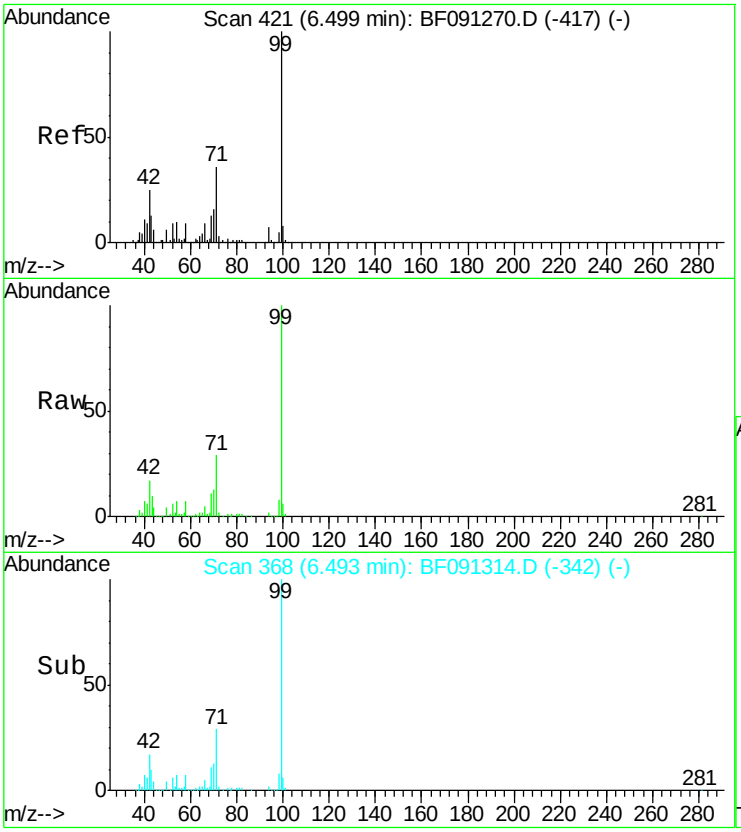


#5
2-Fluorophenol
Concen: 12.05 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:112 Resp: 152482

Ion	Ratio	Lower	Upper
112	100		
64	58.6	61.5	92.3#
63	29.9	33.3	49.9#



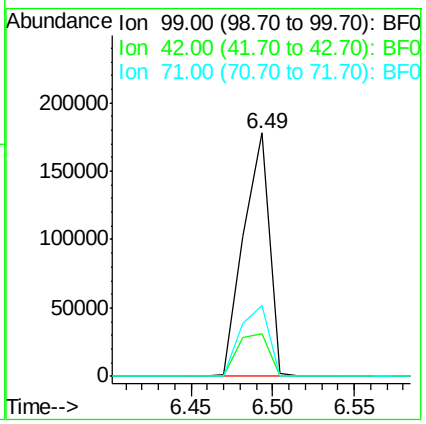


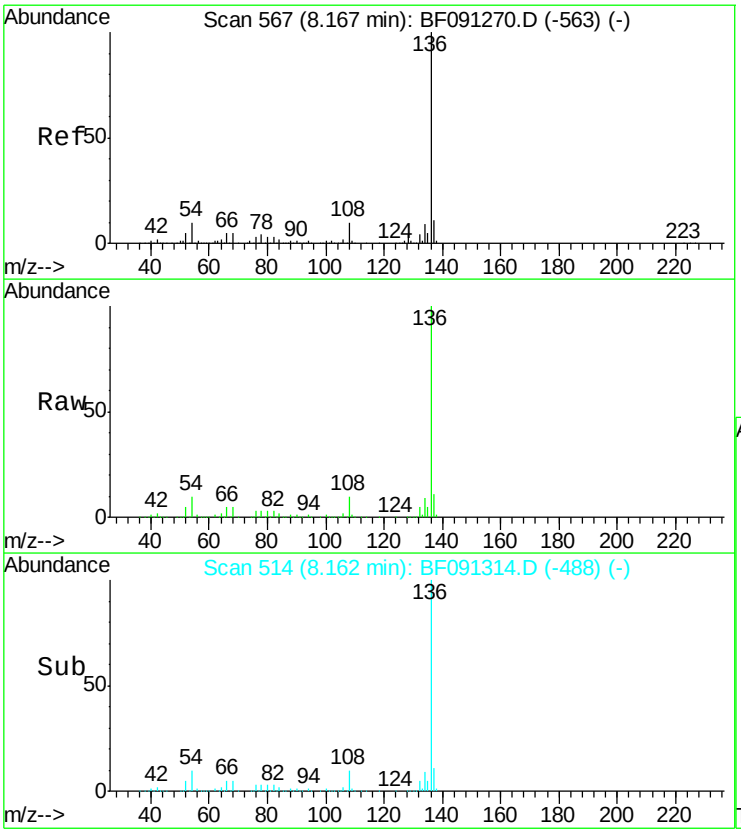
#7
Phenol-d6
Concen: 12.01 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 195247

Ion	Ratio	Lower	Upper
99	100		
42	17.4	20.6	31.0#
71	28.9	29.9	44.9#

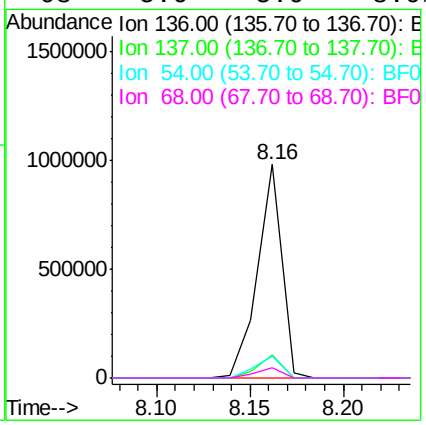


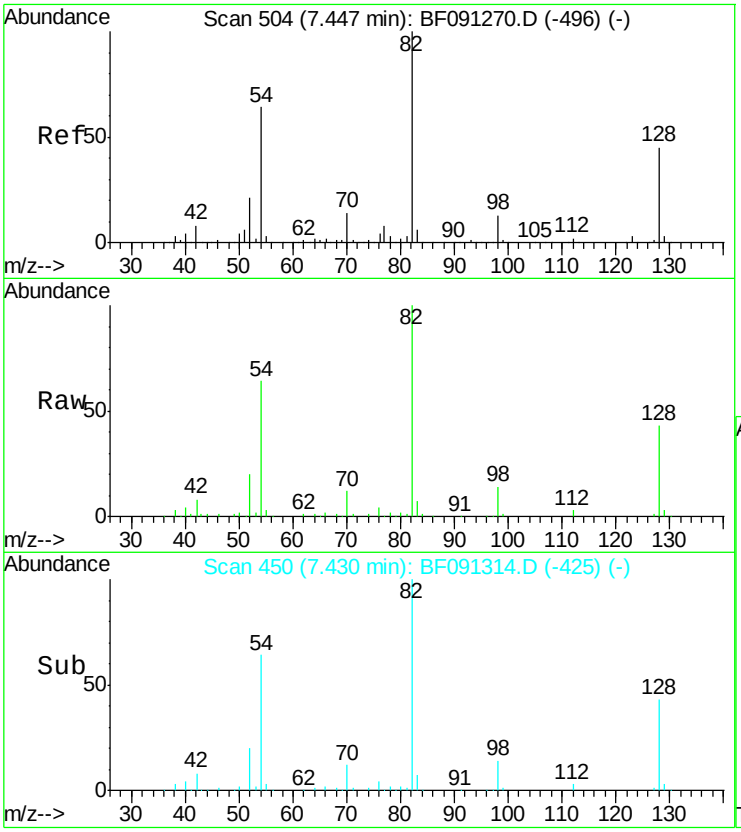


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:136 Resp: 879528

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.9	9.1	13.7
68	5.0	5.9	8.9#



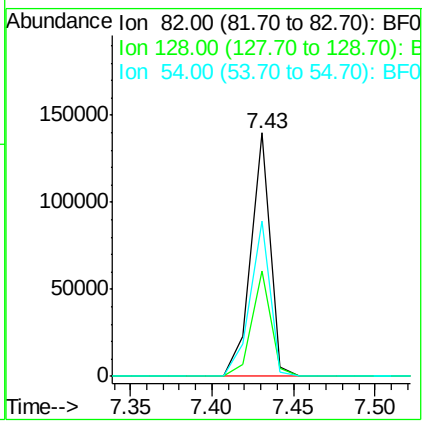


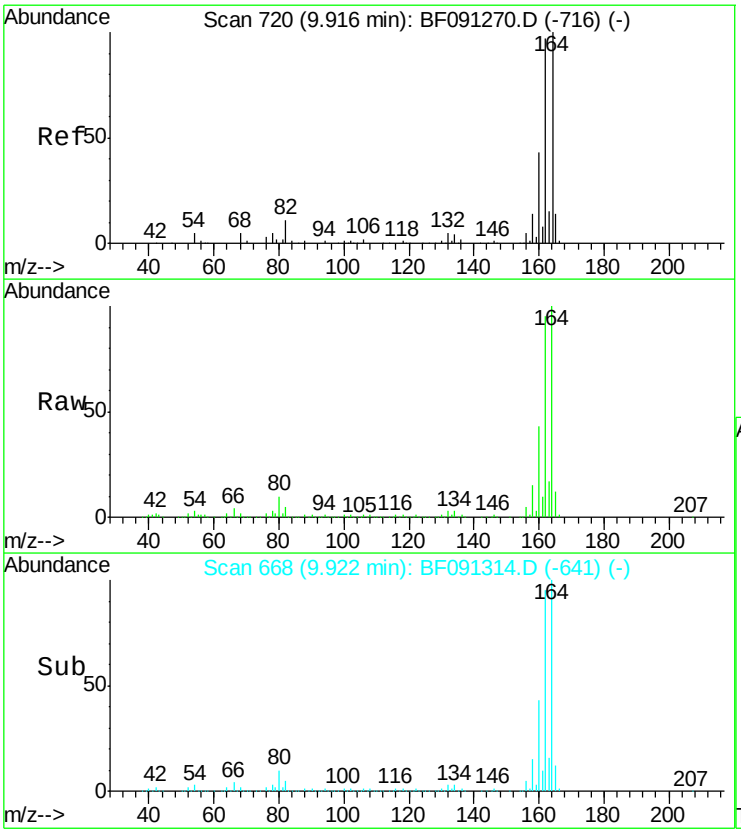
#23
Nitrobenzene-d5
Concen: 7.60 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 116075

Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.8	47.6
54	63.8	49.1	73.7

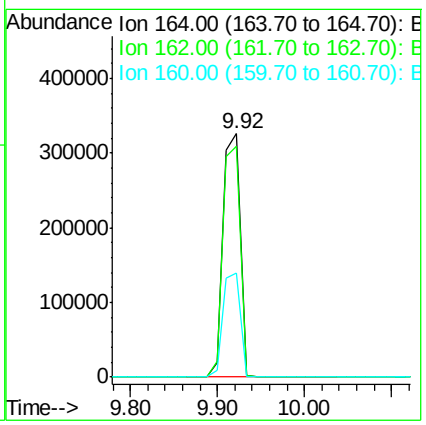


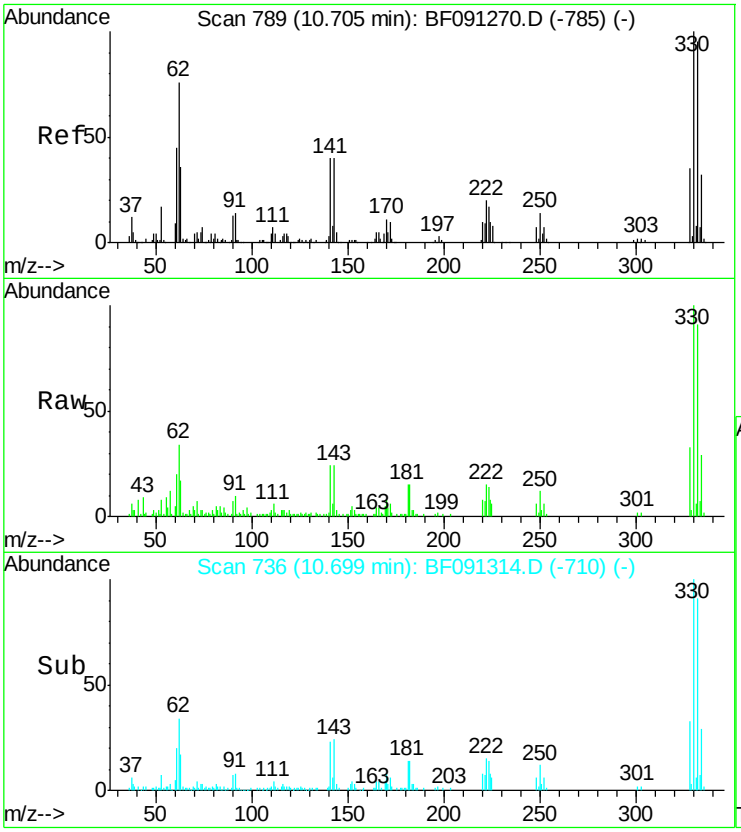


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:164 Resp: 451976

Ion	Ratio	Lower	Upper
164	100		
162	94.7	82.6	124.0
160	42.9	36.7	55.1



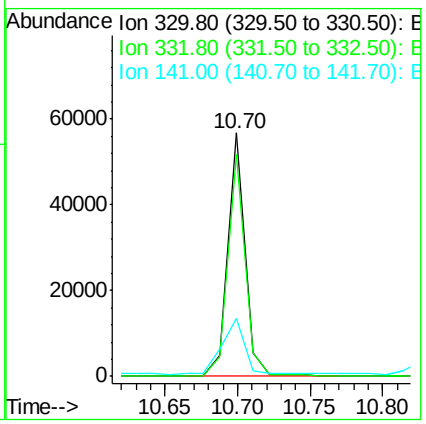


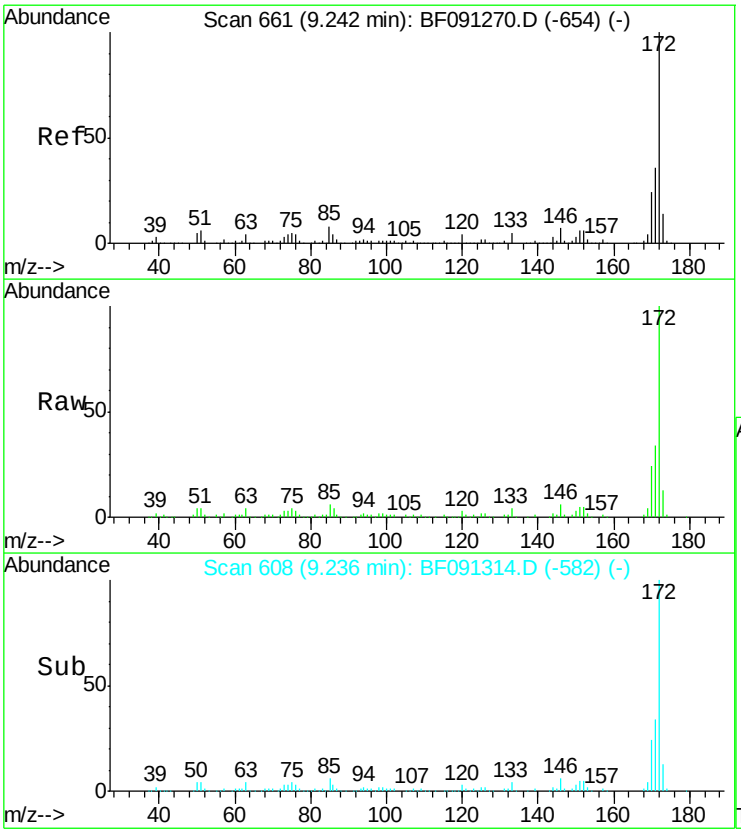
#41
2,4,6-Tribromophenol
Concen: 10.30 ng
RT: 10.70 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 46934

Ion	Ratio	Lower	Upper
330	100		
332	91.9	76.2	114.4
141	31.8	33.6	50.4#

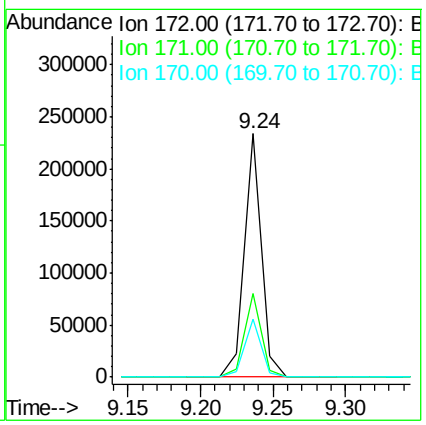


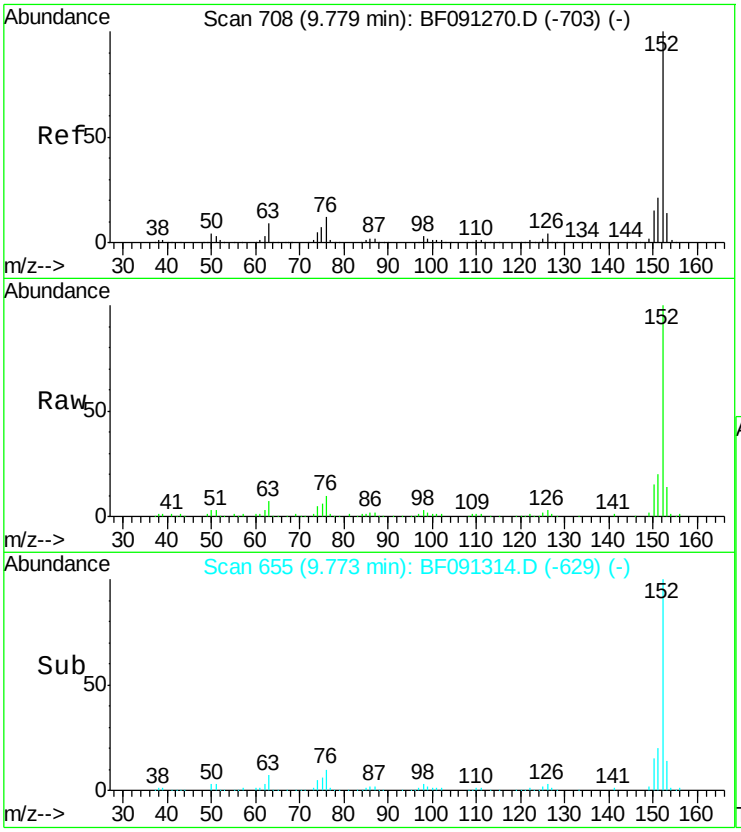


#44
2-Fluorobiphenyl
Concen: 6.93 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:172 Resp: 191230

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.4	44.0
170	23.8	19.7	29.5



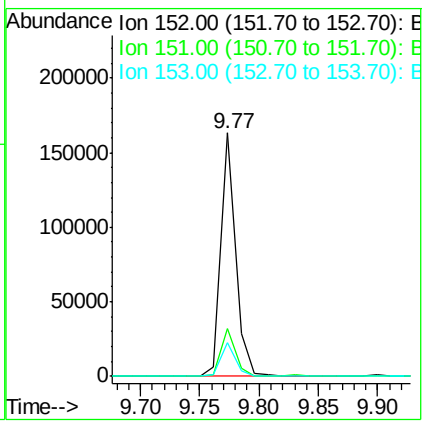


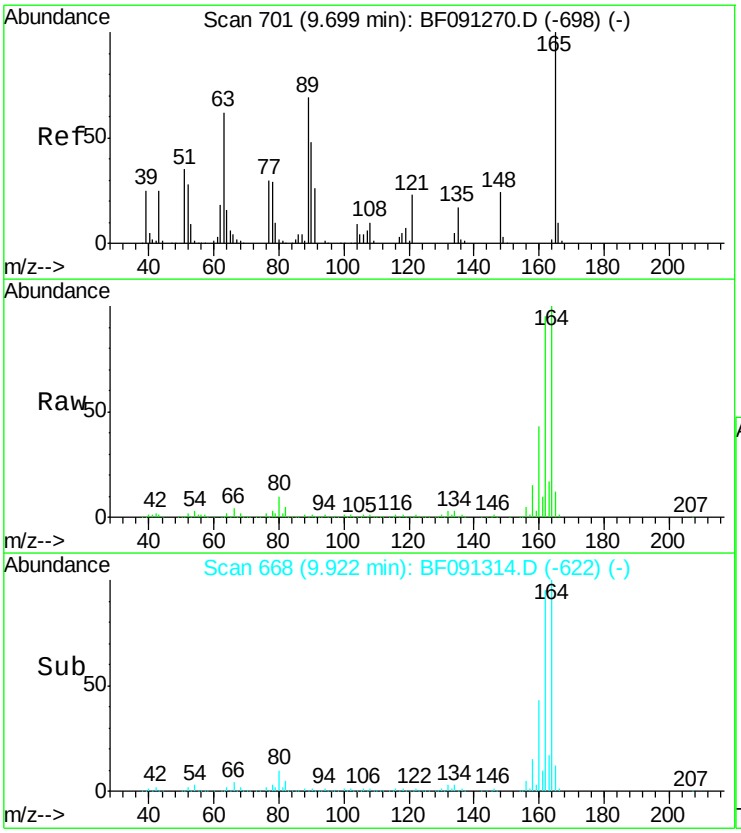
#48
Acenaphthylene
Concen: 3.65 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139707

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	24.8
153	14.0	10.7	16.1

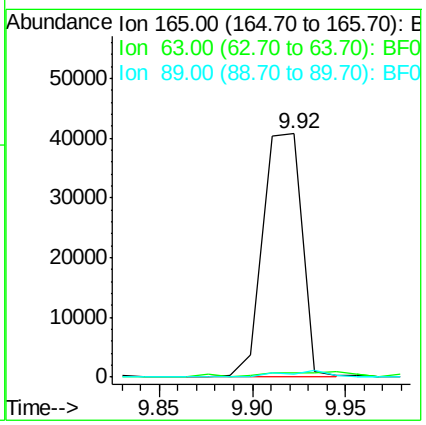


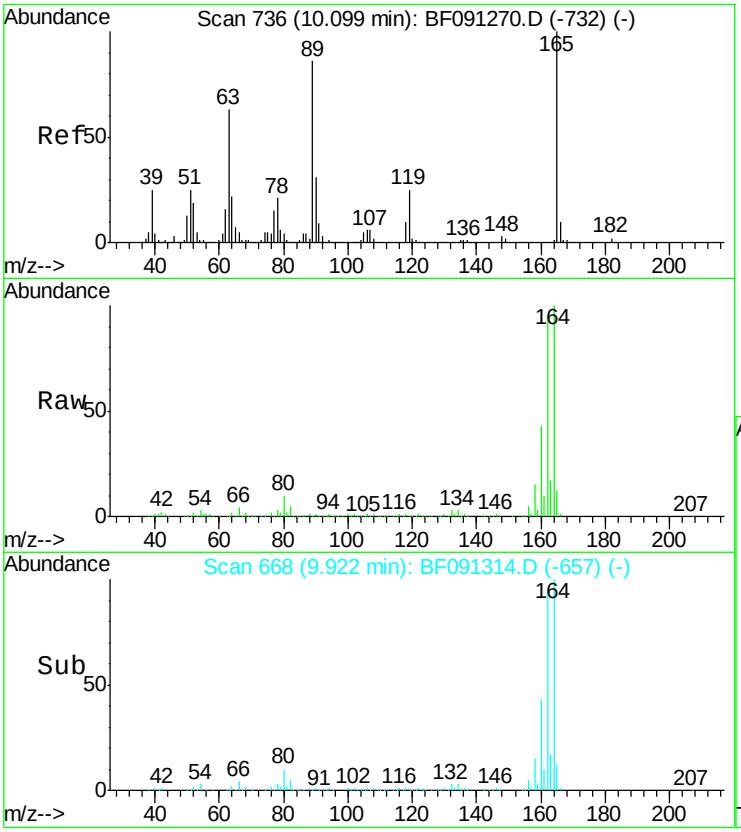


#50
2,6-Dinitrotoluene
Concen: 9.60 ng
RT: 9.92 min Scan# 668
Delta R.T. 0.22 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:165 Resp: 59164

Ion	Ratio	Lower	Upper
165	100		
63	1.6	59.4	89.0#
89	1.0	50.8	76.2#



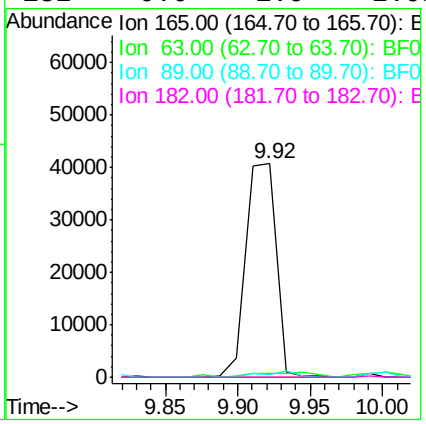


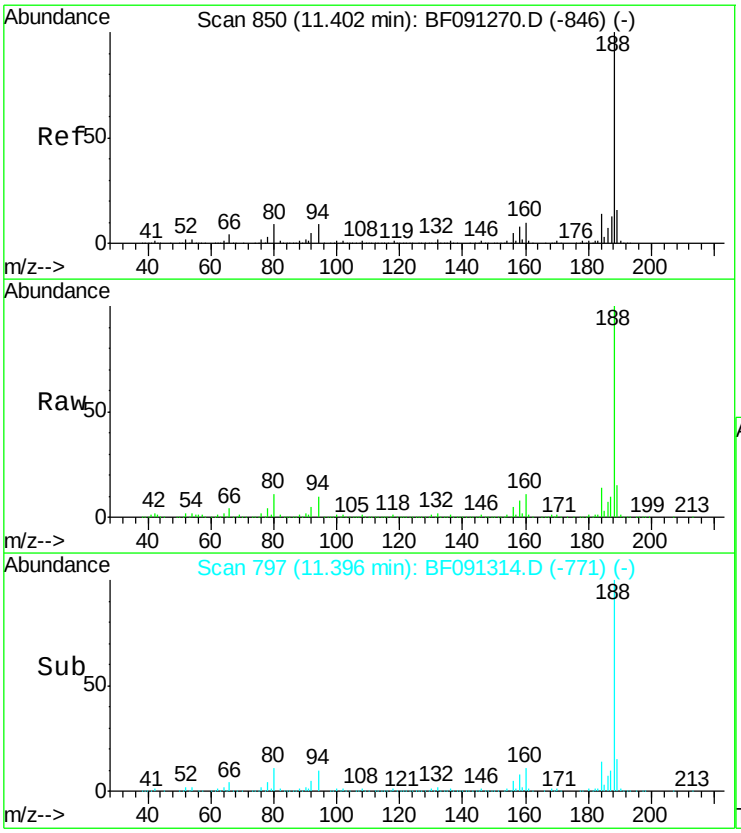
#56
2,4-Dinitrotoluene
Concen: 7.62 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.18 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 59417

Ion	Ratio	Lower	Upper
165	100		
63	1.6	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#

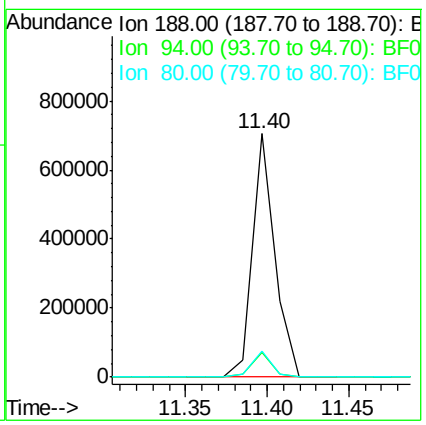


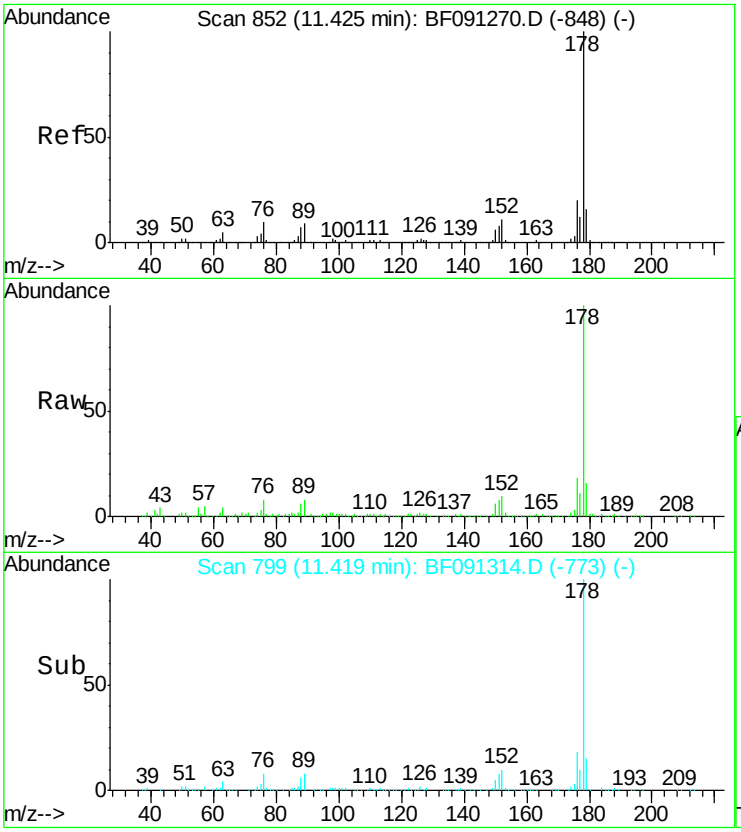


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:188 Resp: 672232

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.2	13.8
80	10.6	10.5	15.7



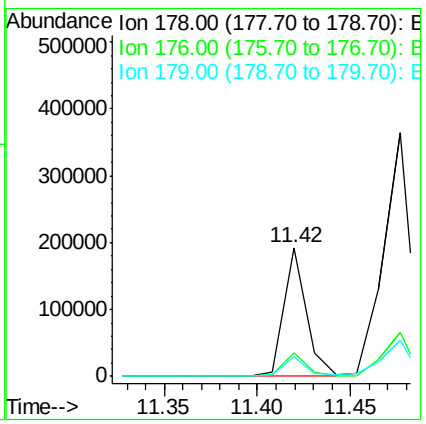


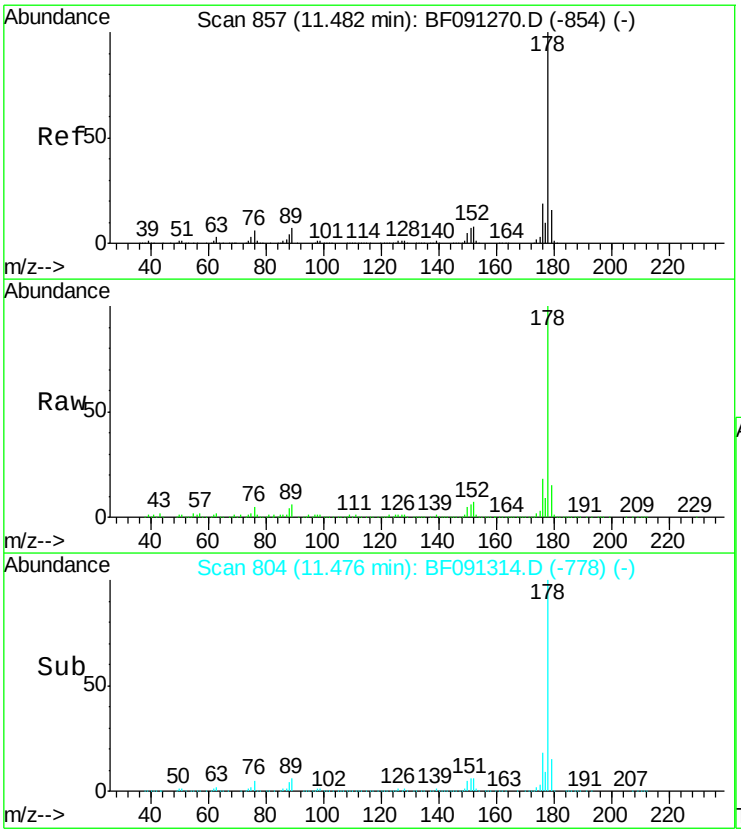
#70
Phenanthrene
Concen: 4.64 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 161984

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.6	12.6	18.8

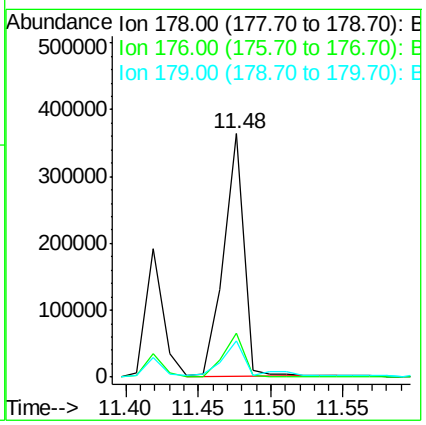


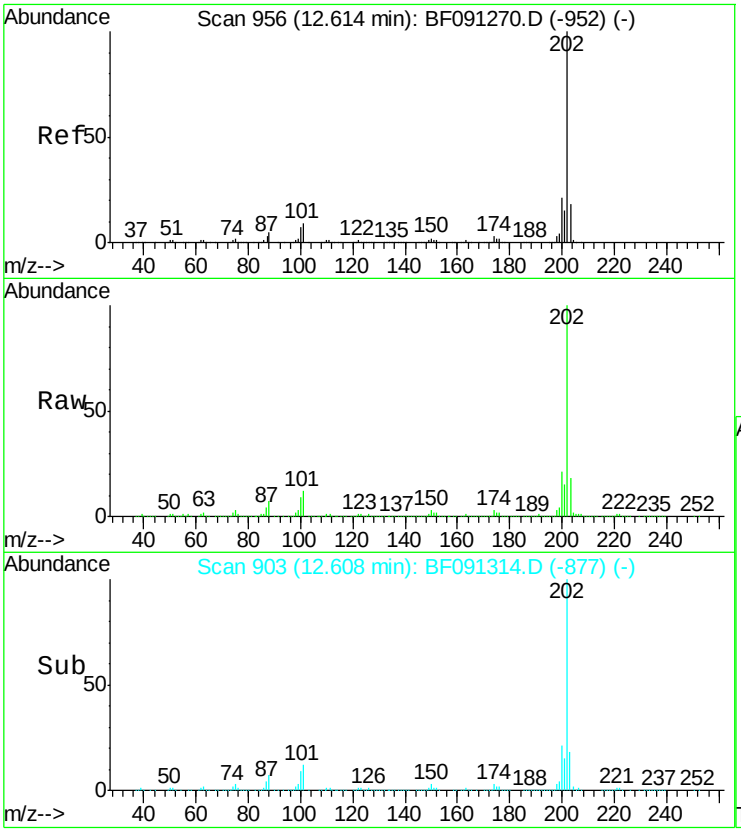


#71
Anthracene
Concen: 9.83 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:178 Resp: 350364

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.6
179	14.9	12.7	19.1



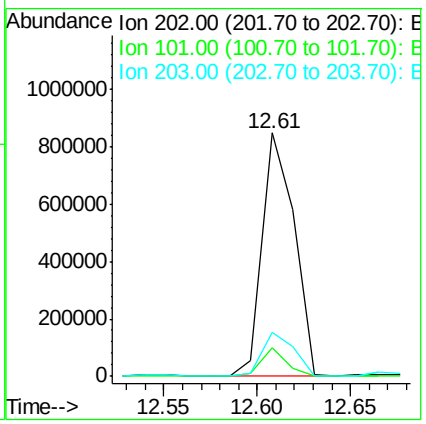


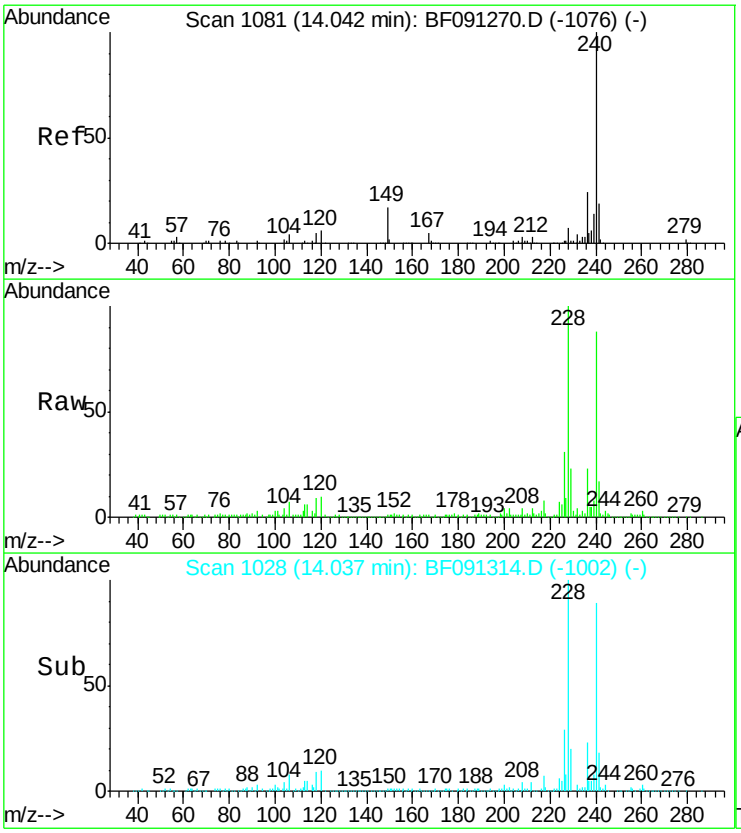
#74
Fluoranthene
Concen: 28.78 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1020961

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	29.5
203	18.2	0.0	37.8

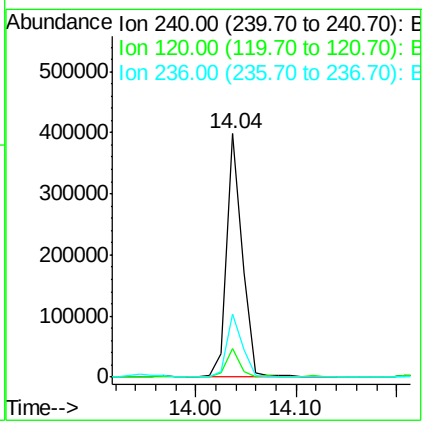


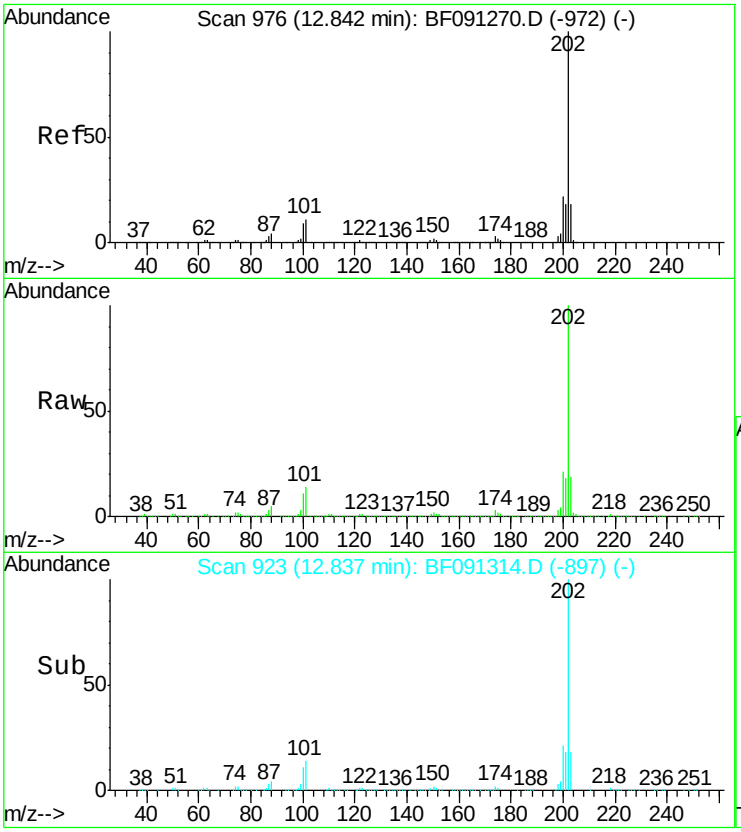


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:240 Resp: 425601

Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.1	18.1#
236	26.1	21.0	31.6

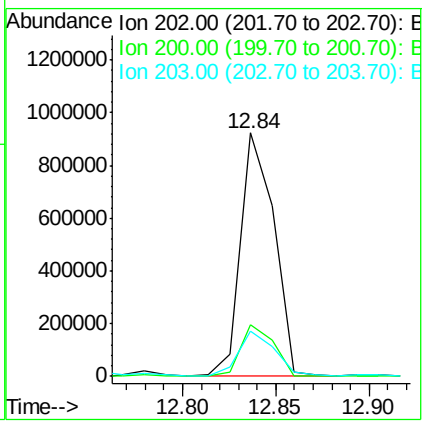




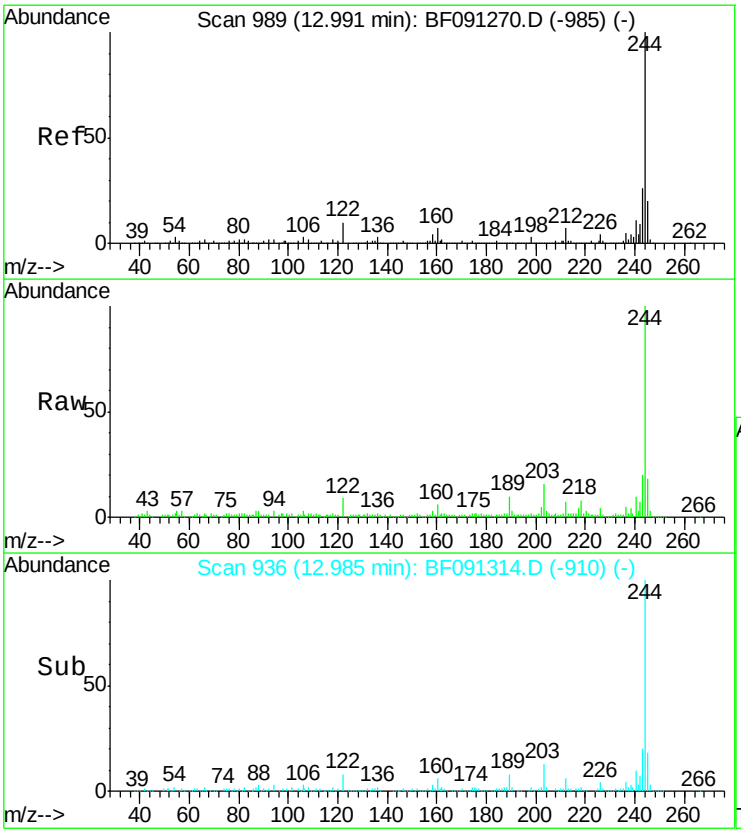
#77
Pyrene
Concen: 36.34 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:202 Resp: 1142669

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.8	14.0	21.0



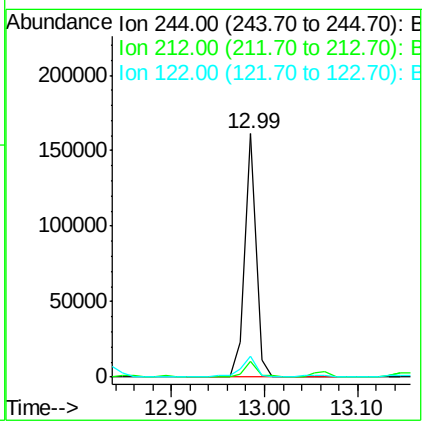
Instrument :
BNA_F
ClientSampleId :

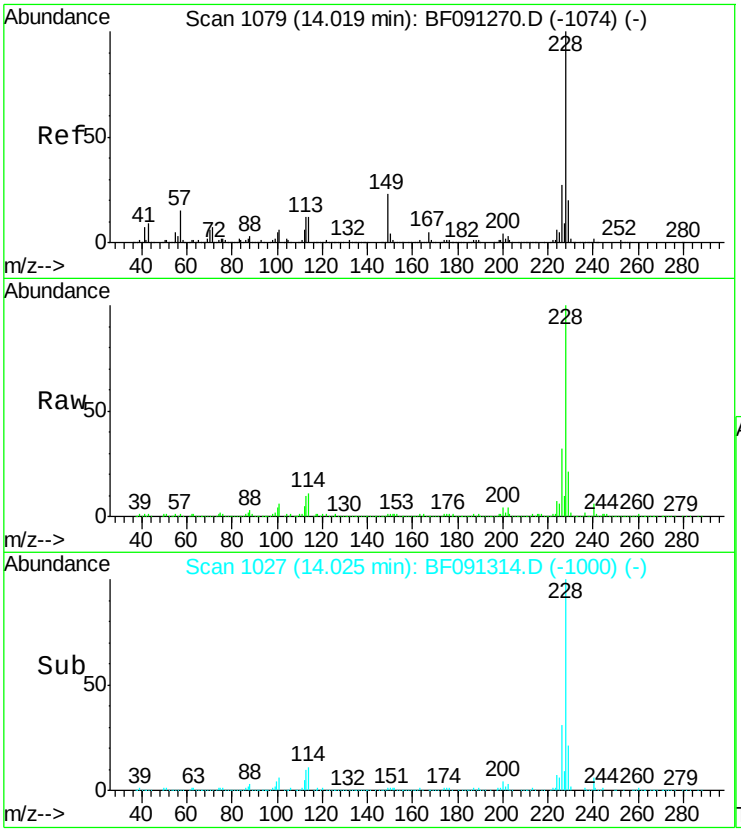


#78
Terphenyl-d14
Concen: 7.32 ng
RT: 12.99 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:244 Resp: 136497

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	8.6	9.5	14.3#



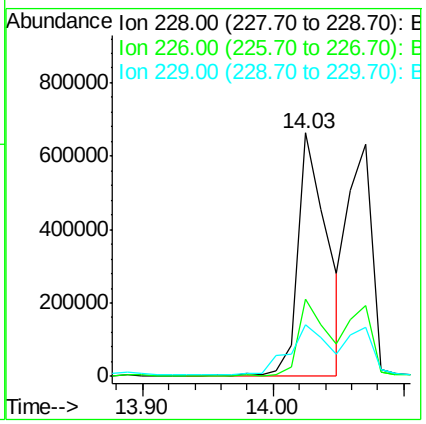


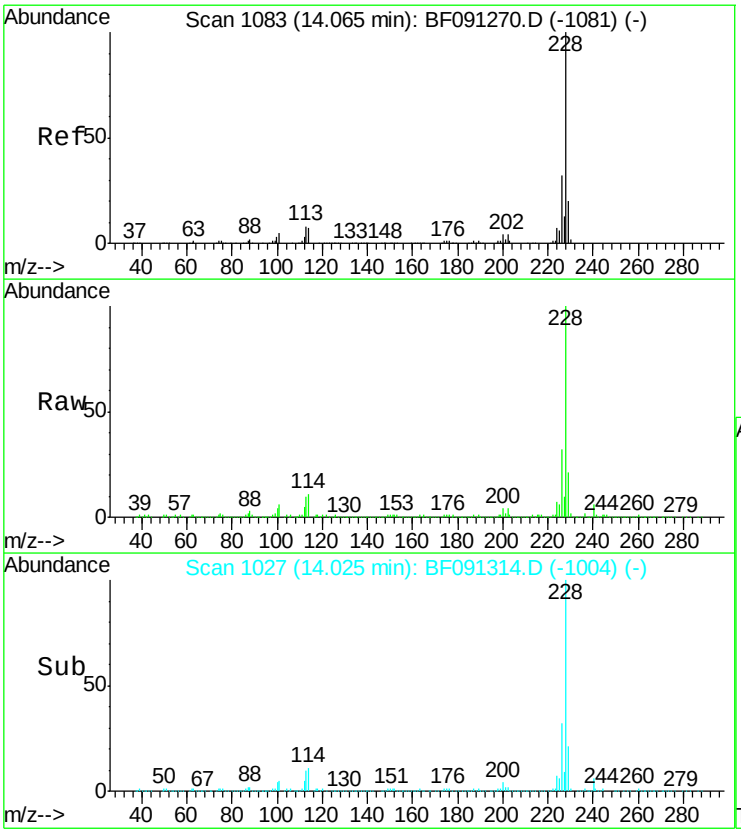
#80
Benzo(a)anthracene
Concen: 42.51 ng
RT: 14.03 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1026934

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.5	33.7
229	21.4	16.4	24.6

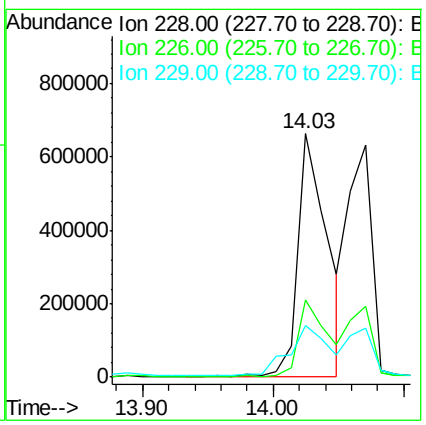


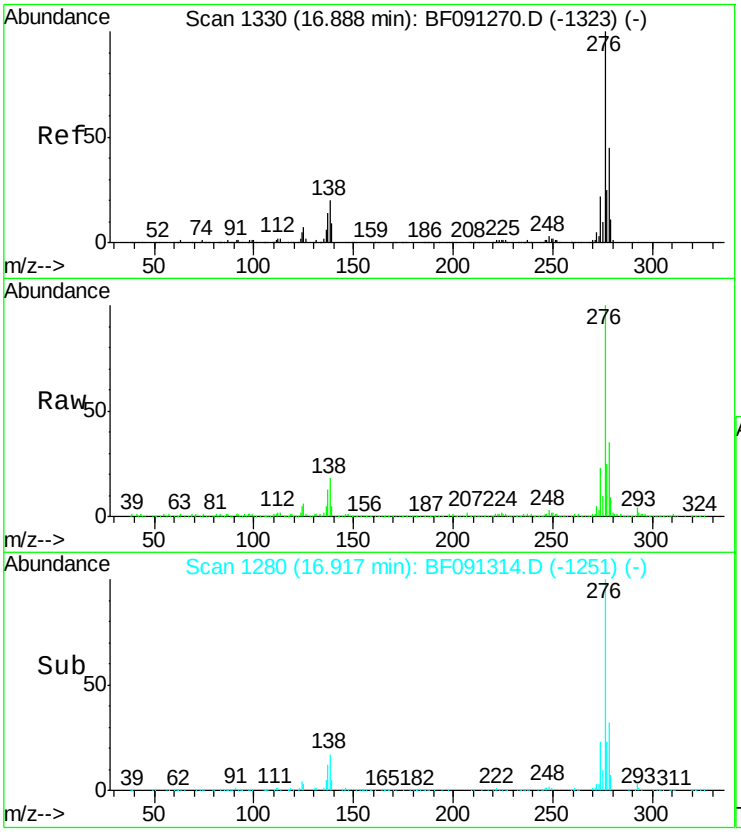


#82
Chrysene
Concen: 44.99 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:228 Resp: 1026934

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.4
229	21.4	16.0	24.0



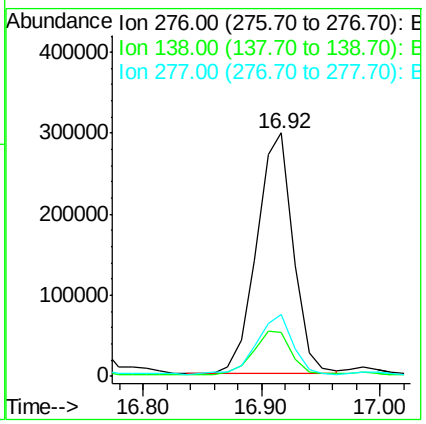


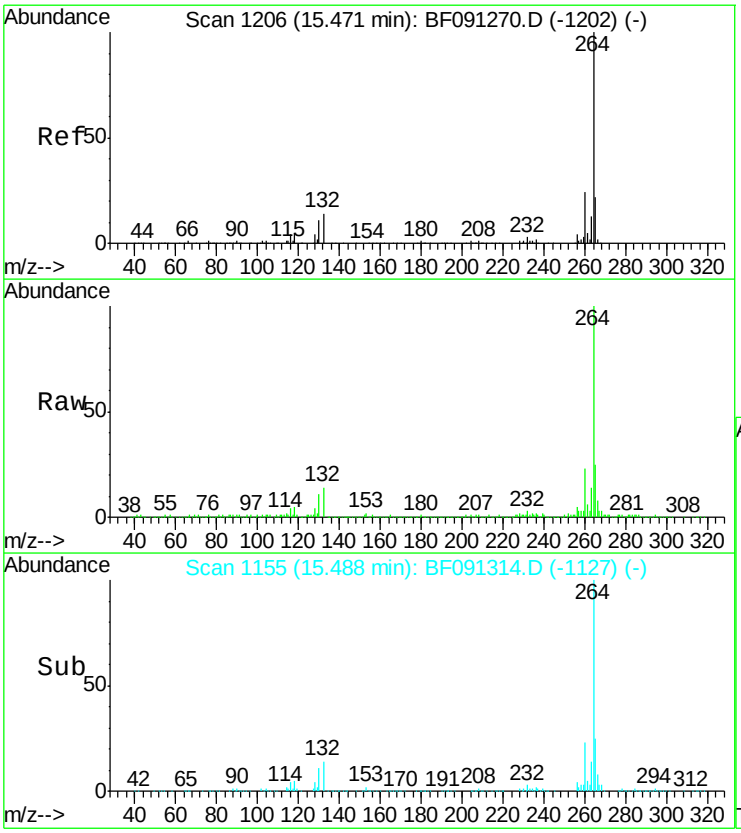
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.41 ng
RT: 16.92 min Scan# 1280
Delta R.T. 0.03 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 637260

Ion	Ratio	Lower	Upper
276	100		
138	19.3	21.0	31.4#
277	24.1	20.2	30.2

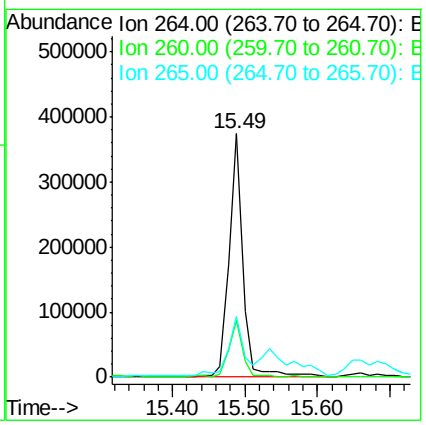


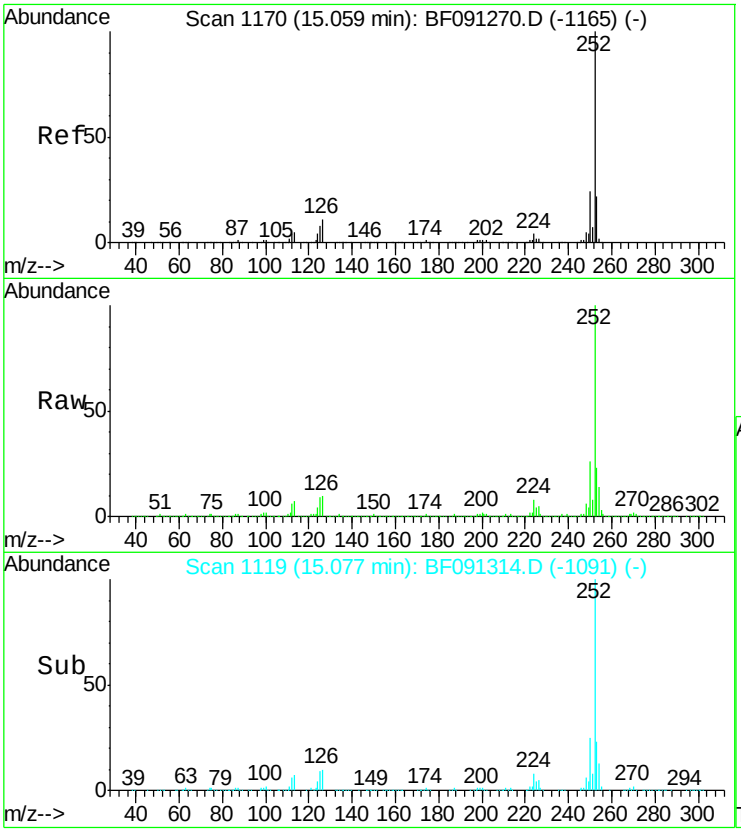


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:264 Resp: 494339

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	25.1	17.0	25.6



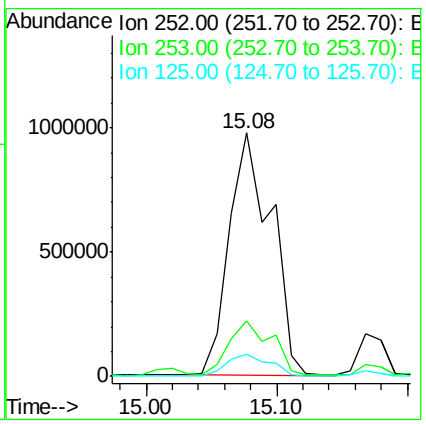


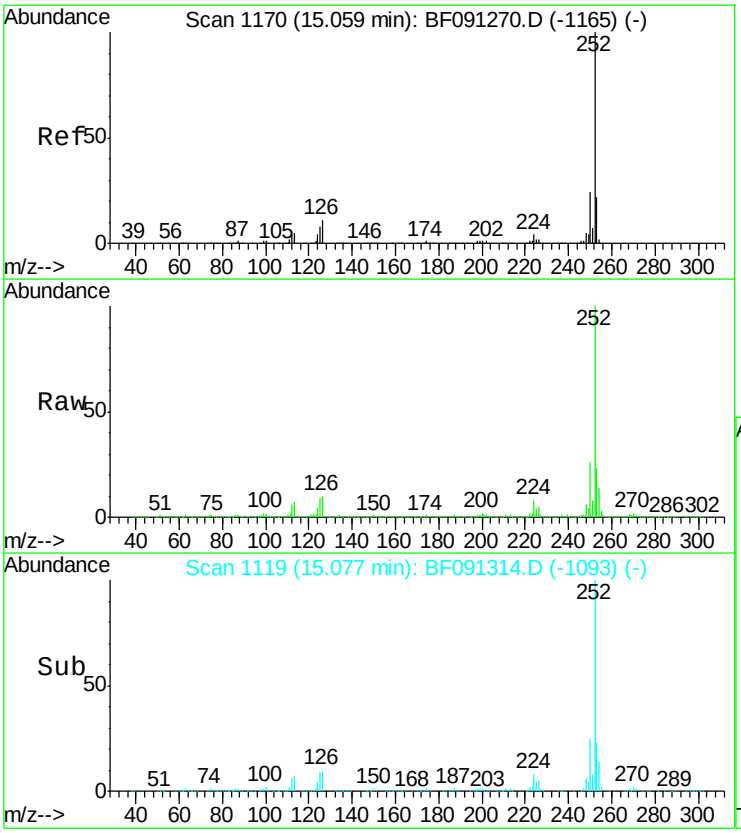
#87
Benzo(b)fluoranthene
Concen: 70.38 ng
RT: 15.08 min Scan# 1119
Delta R.T. 0.02 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2194856

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.3	8.6	13.0

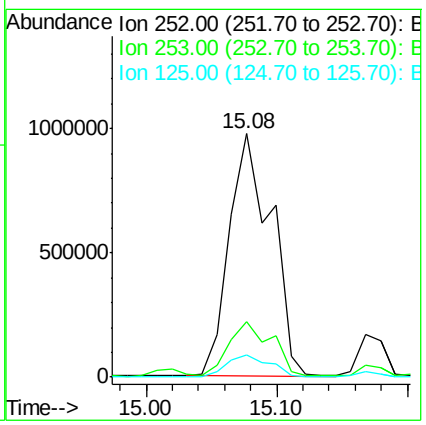


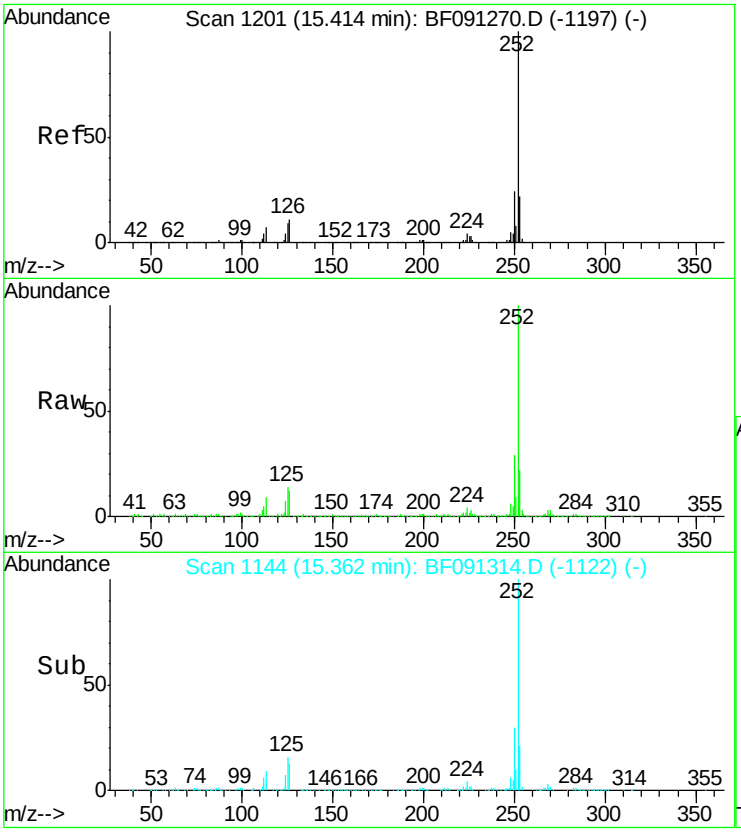


#88
Benzo(k)fluoranthene
Concen: 86.17 ng
RT: 15.08 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:252 Resp: 2194856

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.3	9.6	14.4#



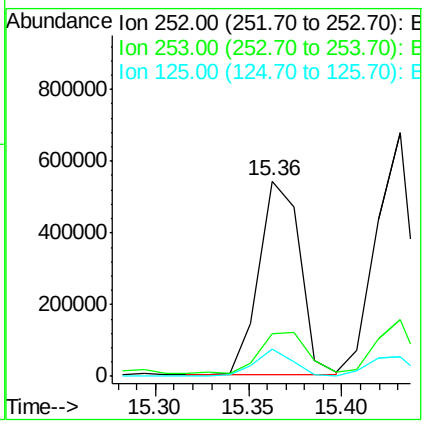


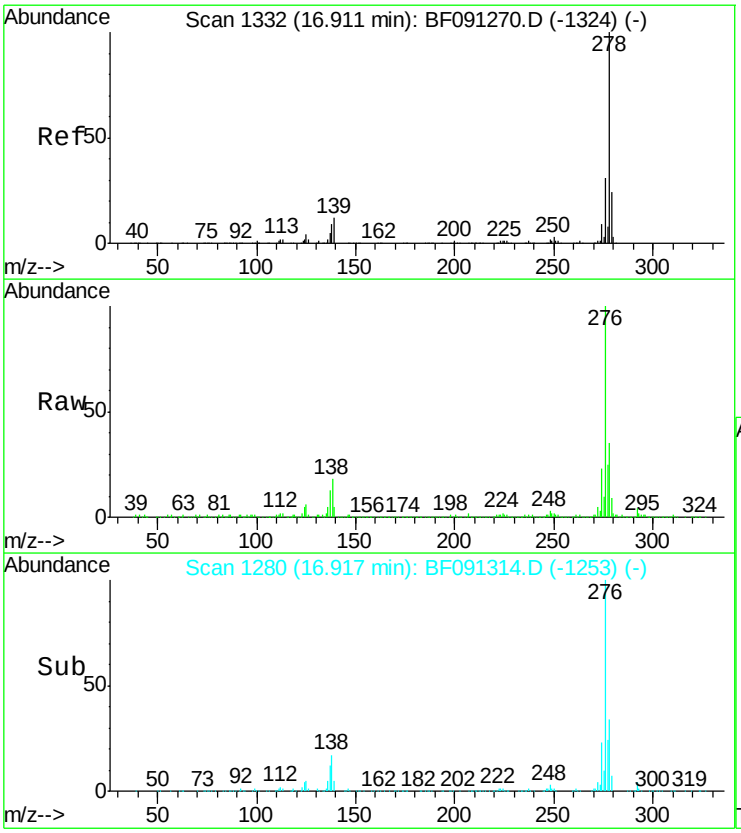
#89
Benzo(a)pyrene
Concen: 31.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 822564

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	14.3	10.4	15.6

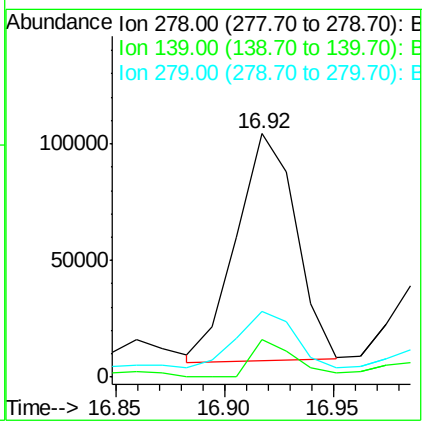


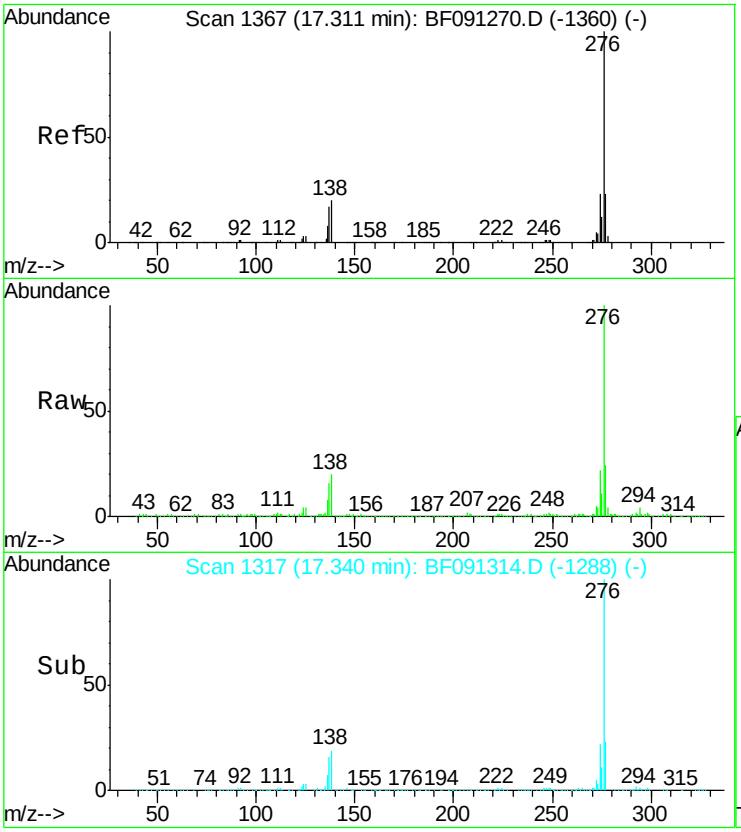


#90
Dibenzo(a,h)anthracene
Concen: 7.60 ng
RT: 16.92 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Tgt Ion:278 Resp: 186207

Ion	Ratio	Lower	Upper
278	100		
139	15.6	15.1	22.7
279	27.2	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 22.41 ng
RT: 17.34 min Scan# 1317
Delta R.T. 0.03 min
Lab File: BF091314.D
Acq: 28 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 544536

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	19.7	15.4	23.0