Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090218.D
Acq On : 26 Sep 2016 13:51
Operator : UM/SJ
Sample : H4927-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 15:46:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	153679	20.00	ng		-0.05
21) Naphthalene-d8	7.77	136	621838	20.00	ng		-0.05
38) Acenaphthene-d10	9.51	164	334622	20.00	ng		-0.05
63) Phenanthrene-d10	10.98	188	528320	20.00	ng		-0.05
75) Chrysene-d12	13.59	240	374390	20.00	ng		-0.05
86) Perylene-d12	14.91	264	318776	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	43066	4.57	ng		-0.04
7) Phenol-d6	6.12	99	93766	8.05	ng		-0.05
23) Nitrobenzene-d5	7.05	82	54148	5.05	ng		-0.05
41) 2,4,6-Tribromophenol	10.30	330	4776	1.66	ng		-0.05
44) 2-Fluorobiphenyl	8.84	172	142479	8.36	ng		-0.05
78) Terphenyl-d14	12.56	244	119833	8.13	ng		-0.05
Target Compounds							Qvalue
49) Dimethylphthalate	9.24	163	43315	2.03	ng		98
51) Acenaphthene	9.54	154	96018	5.64	ng		98
57) Fluorene	10.04	166	80813	4.79	ng		100
70) Phenanthrene	11.01	178	965905	39.09	ng		99
71) Anthracene	11.05	178	300858	11.61	ng		98
74) Fluoranthene	12.18	202	568033	21.42	ng		92
77) Pyrene	12.40	202	923596	36.05	ng	#	96
80) Benzo(a)anthracene	13.59	228	420833	20.89	ng		98
82) Chrysene	13.59	228	420833	21.45	ng		95
85) Indeno(1,2,3-cd)pyrene	16.06	276	80577	5.08	ng	#	90
87) Benzo(b)fluoranthene	14.57	252	261483	14.81	ng		98
88) Benzo(k)fluoranthene	14.57	252	259980	15.69	ng	#	96
89) Benzo(a)pyrene	14.86	252	189481	11.41	ng	#	93
91) Benzo(g,h,i)perylene	16.39	276	93536	7.38	ng		96

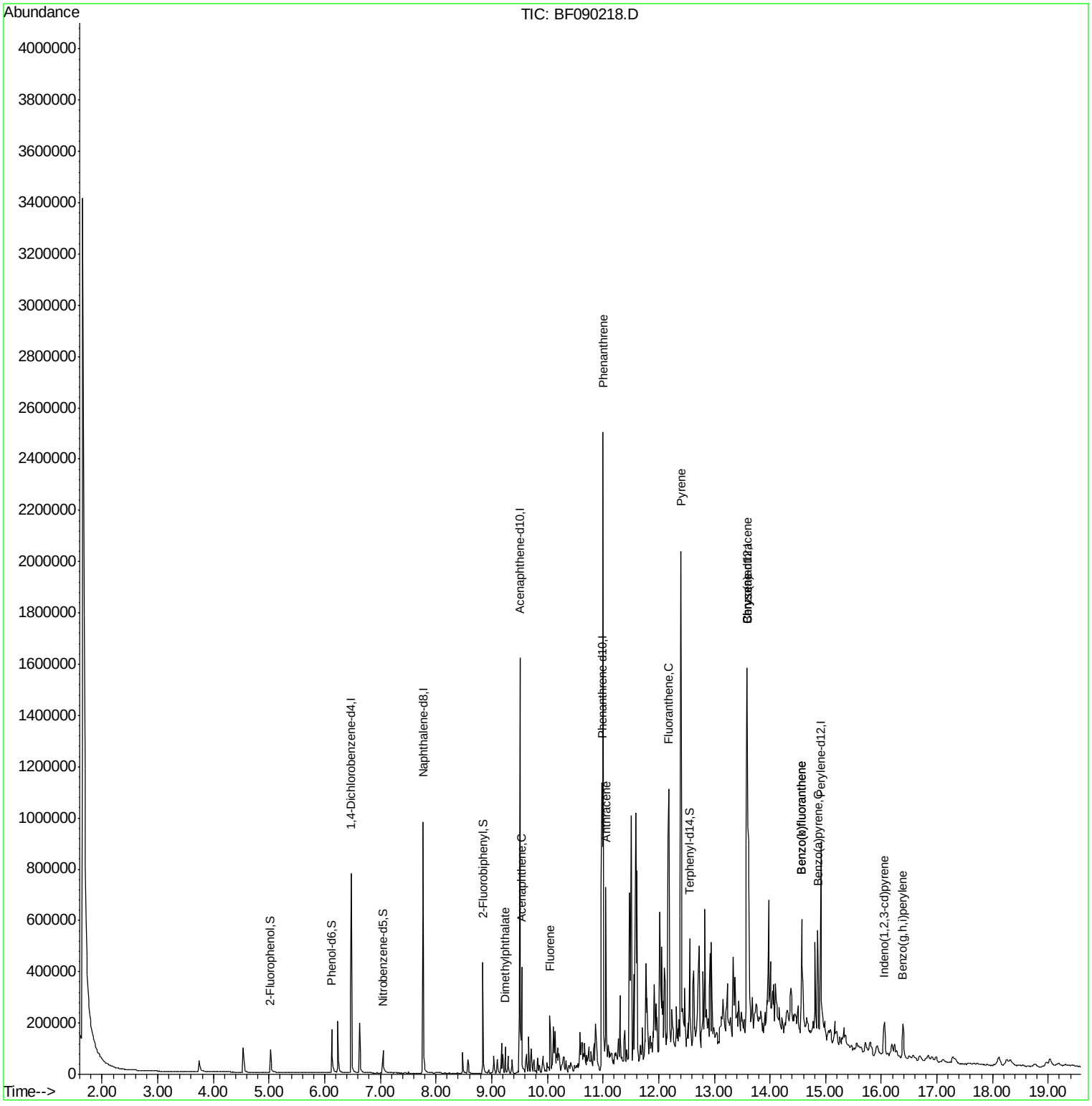
(#) = qualifier out of range (m) = manual integration (+) = signals summed

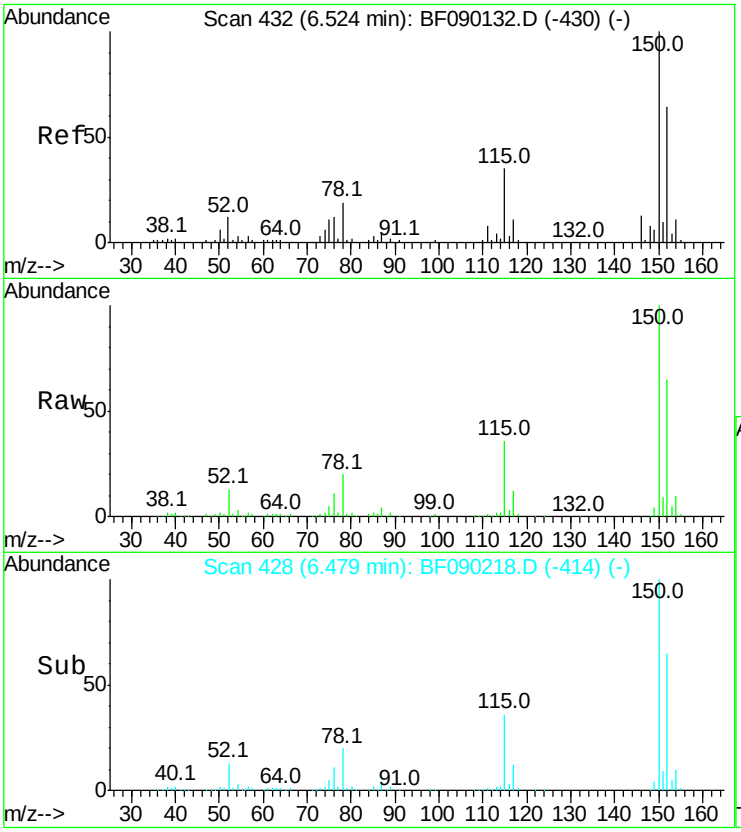
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090218.D
Acq On : 26 Sep 2016 13:51
Operator : UM/SJ
Sample : H4927-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 15:46:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration



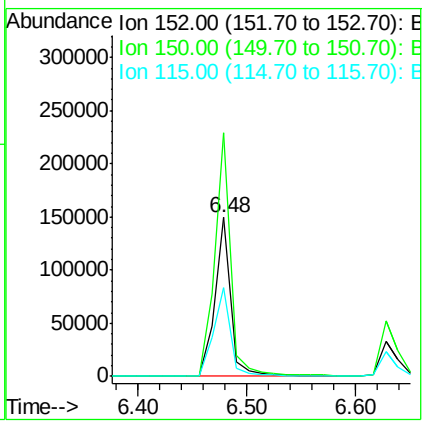


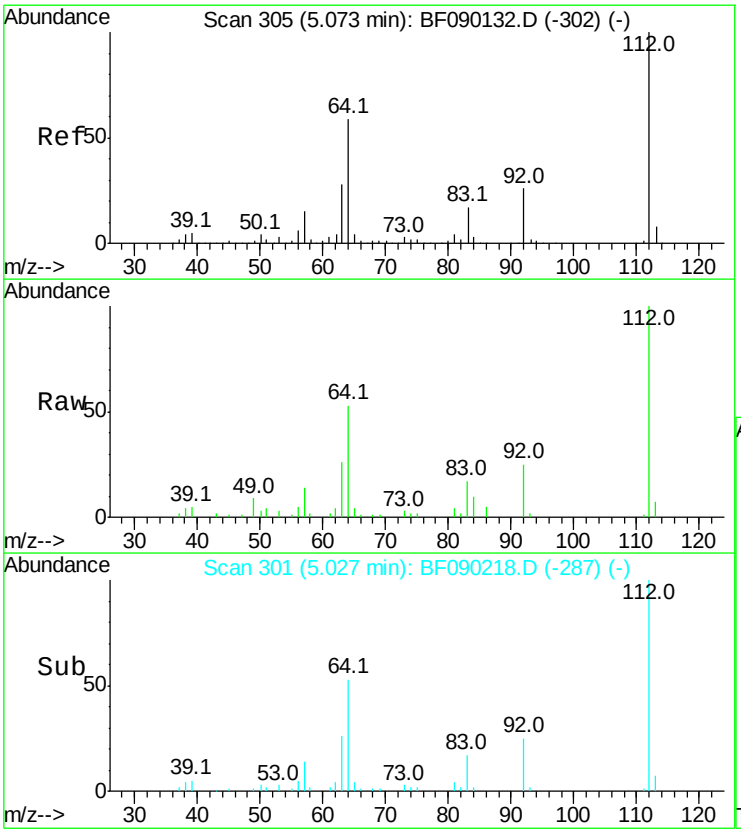
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153679

Ion	Ratio	Lower	Upper
152	100		
150	153.1	128.9	193.3
115	55.6	55.5	83.3

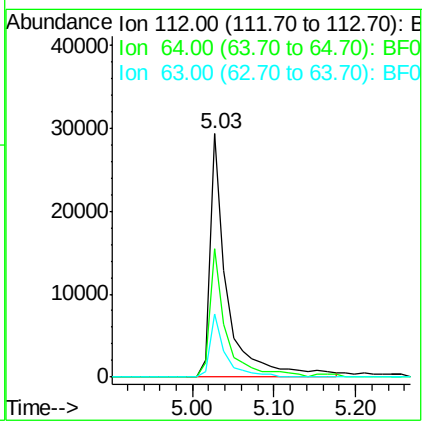


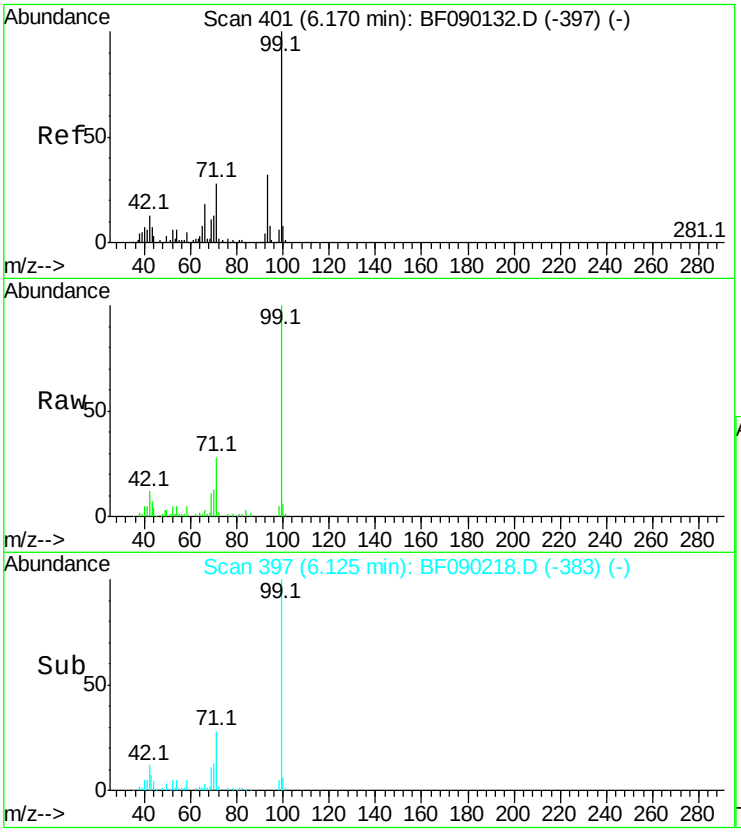


#5
2-Fluorophenol
Concen: 4.57 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:112 Resp: 43066

Ion	Ratio	Lower	Upper
112	100		
64	52.7	39.8	59.6
63	25.8	18.9	28.3



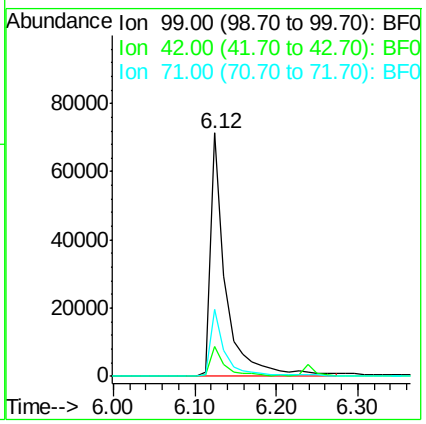


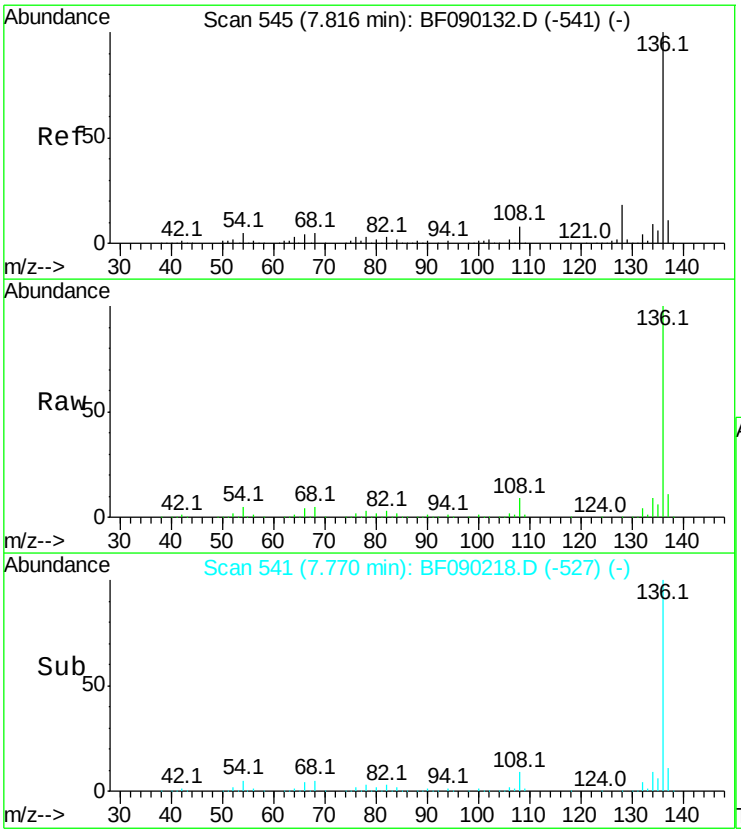
#7
Phenol-d6
Concen: 8.05 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 93766

Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.6	15.8
71	27.6	23.0	34.6

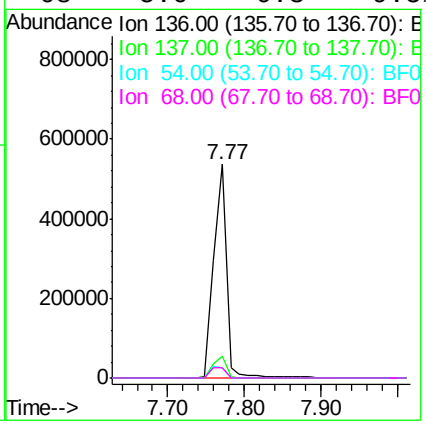


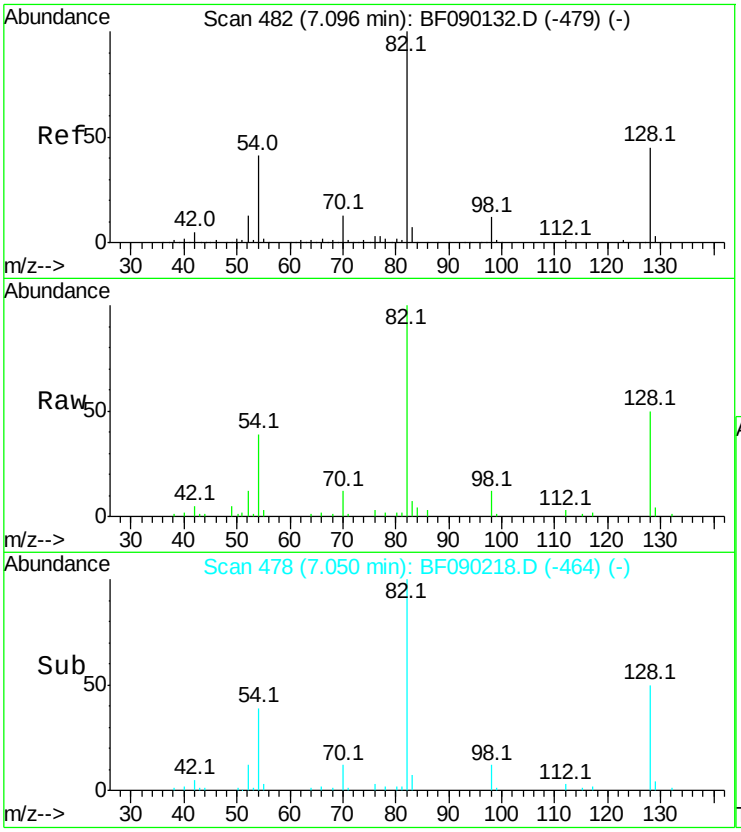


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:136 Resp: 621838

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	4.9	6.4	9.6#
68	5.0	6.3	9.5#



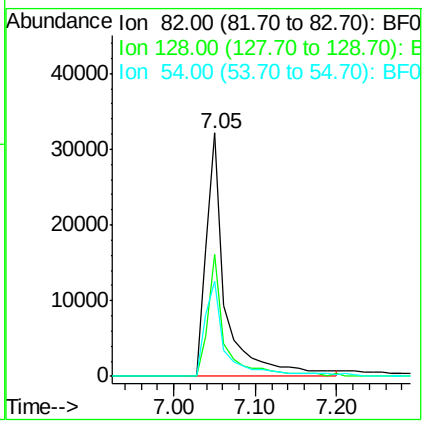


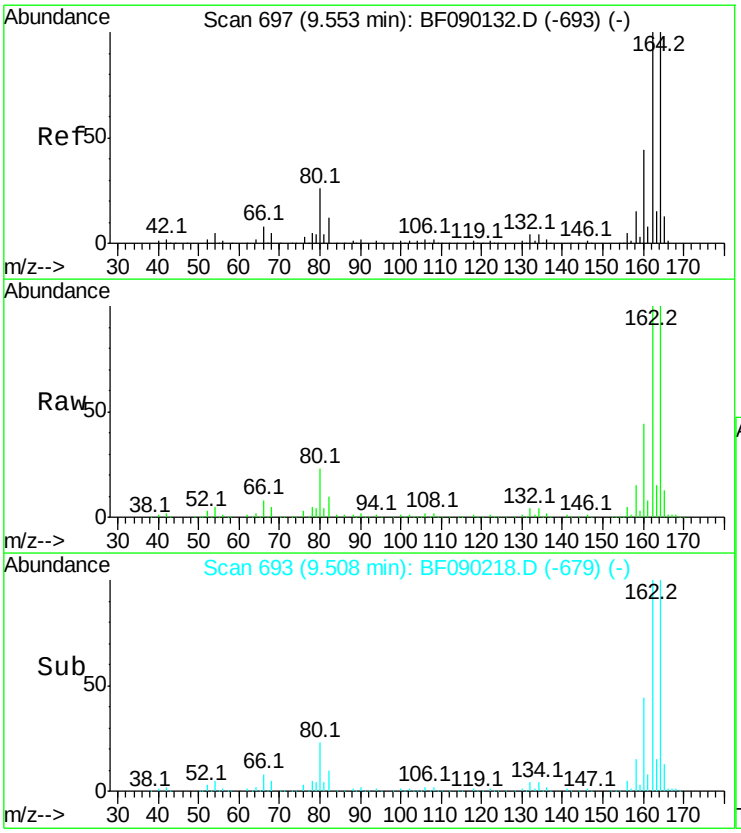
#23
Nitrobenzene-d5
Concen: 5.05 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 54148

Ion	Ratio	Lower	Upper
82	100		
128	49.9	37.5	56.3
54	38.8	31.9	47.9

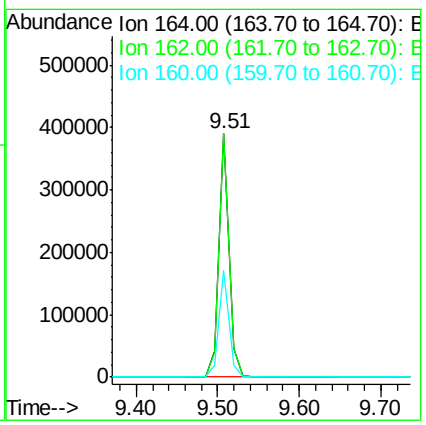


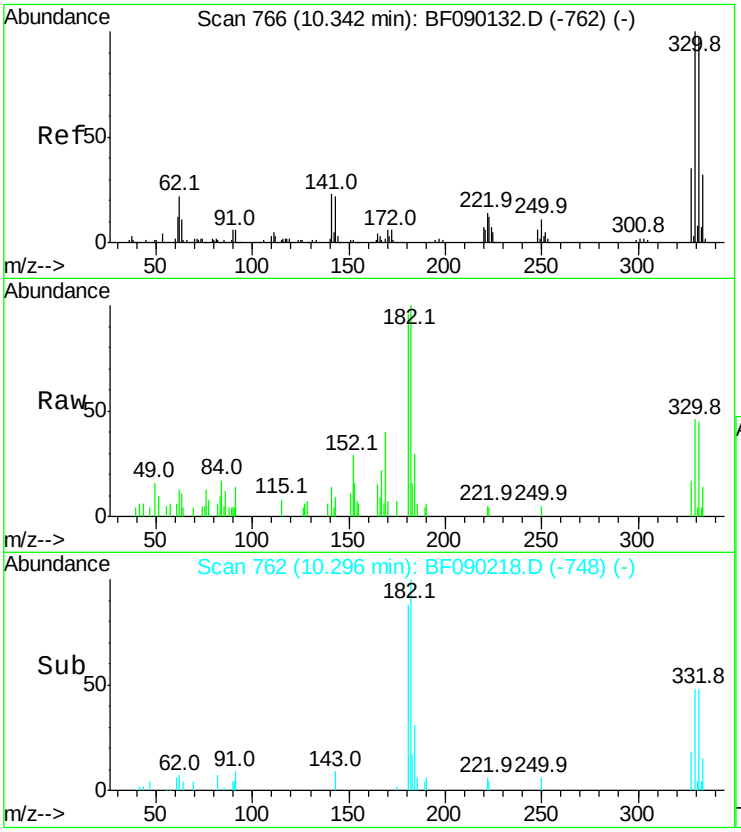


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:164 Resp: 334622

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.2
160	43.7	36.6	54.8



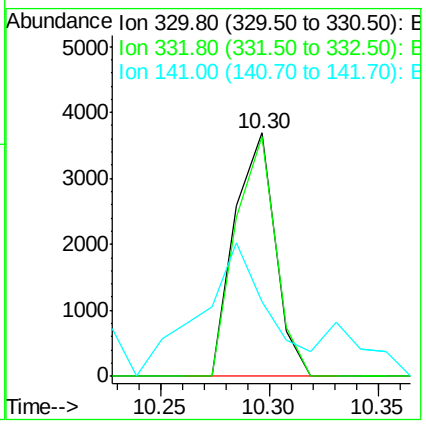


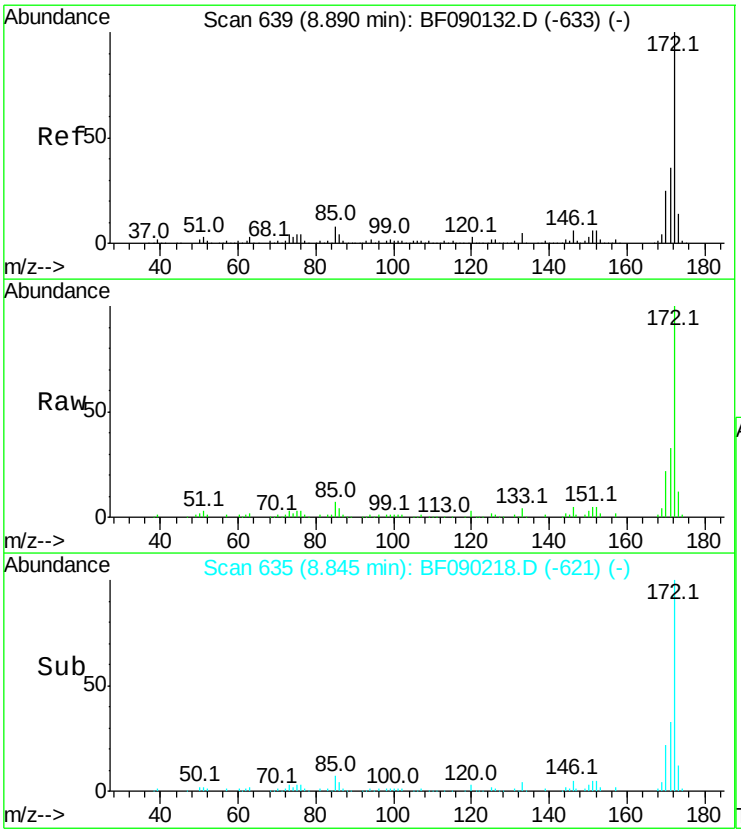
#41
2,4,6-Tribromophenol
Concen: 1.66 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 4776

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	93.2	23.9	35.9#

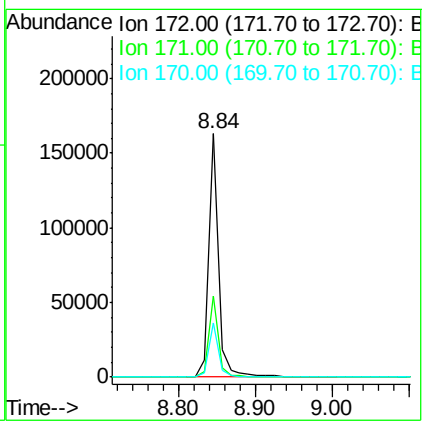


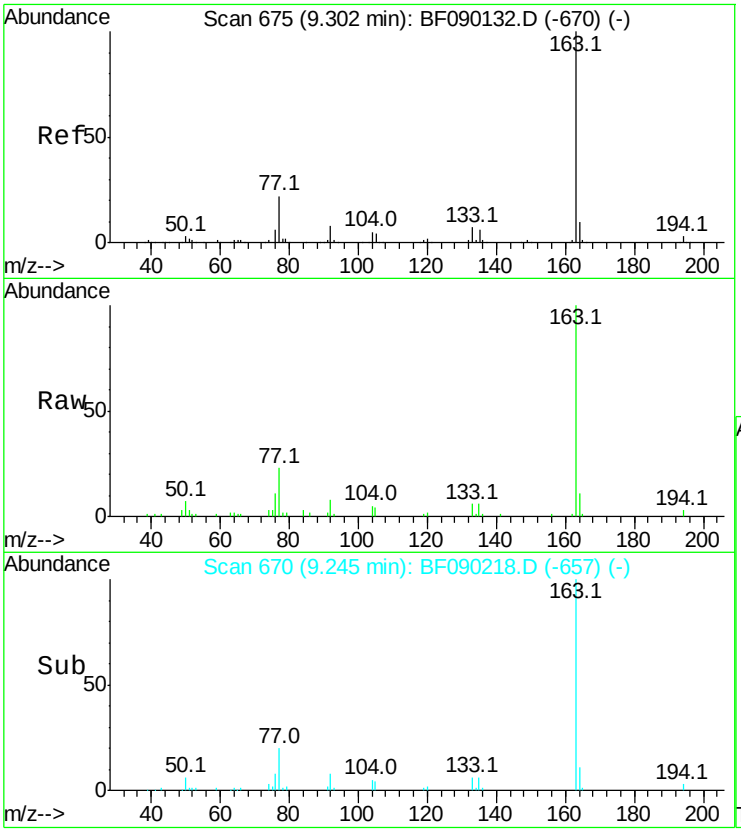


#44
2-Fluorobiphenyl
Concen: 8.36 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:172 Resp: 142479

Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.2	43.8
170	22.0	19.8	29.8



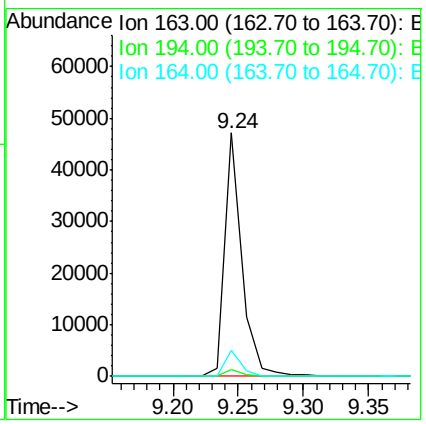


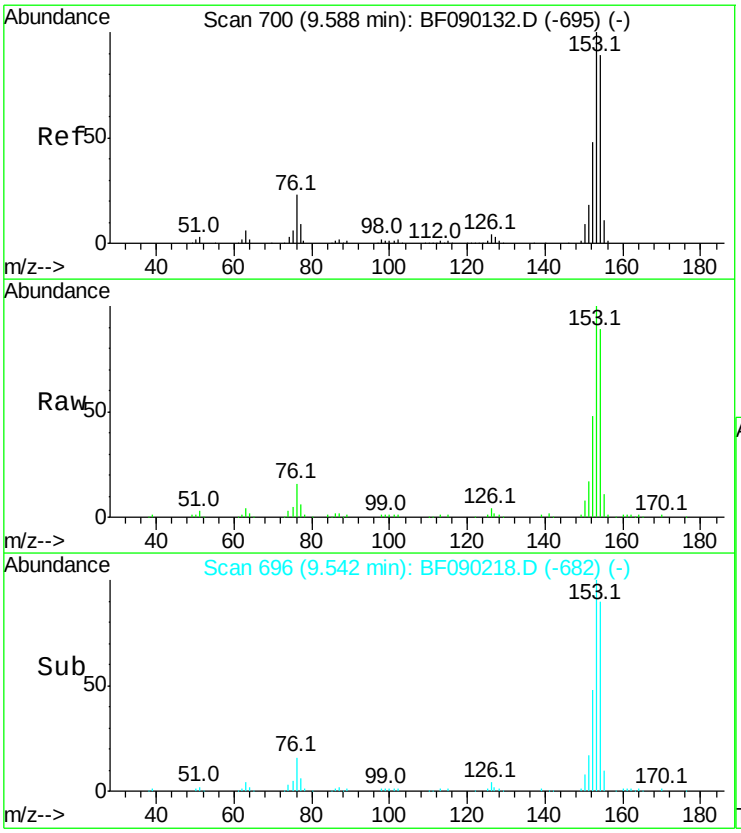
#49
Dimethylphthalate
Concen: 2.03 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.06 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 43315

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.6	8.1	12.1

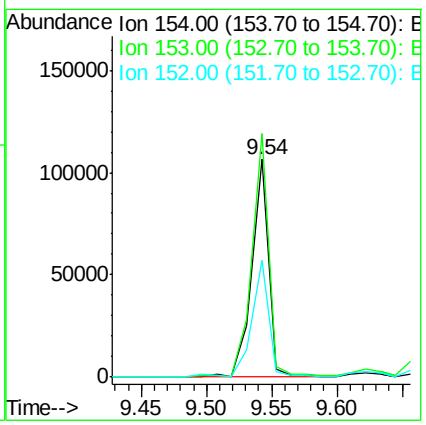


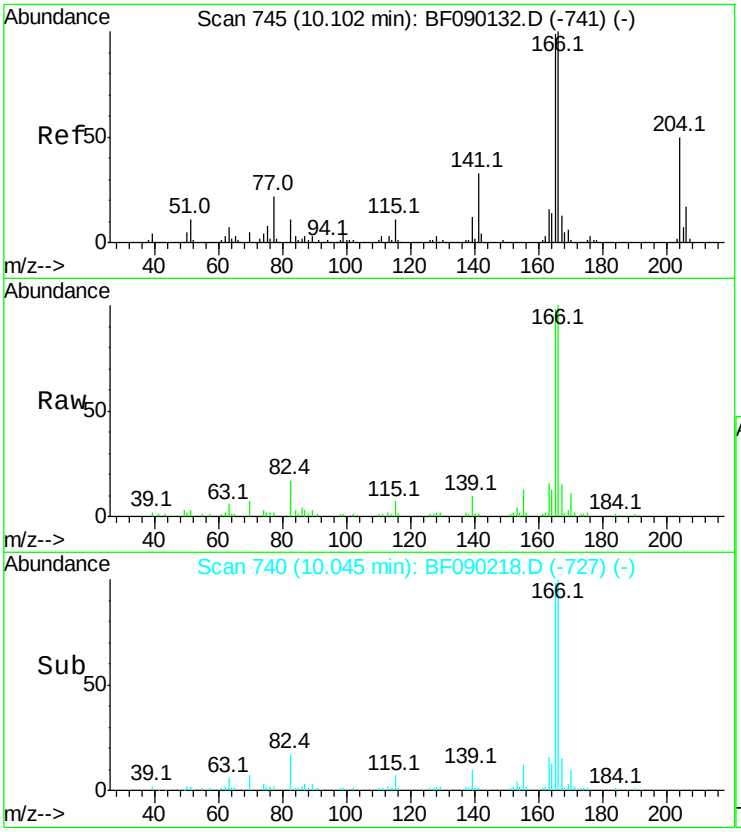


#51
Acenaphthene
Concen: 5.64 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:154 Resp: 96018

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.8	136.2
152	53.5	44.2	66.4



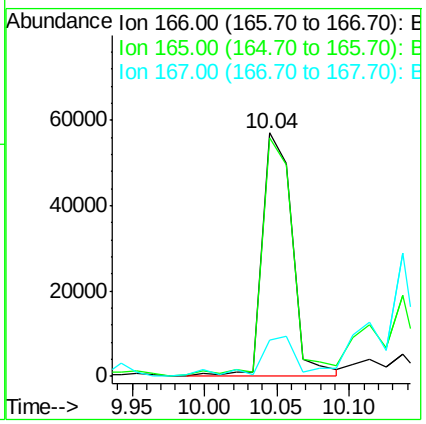


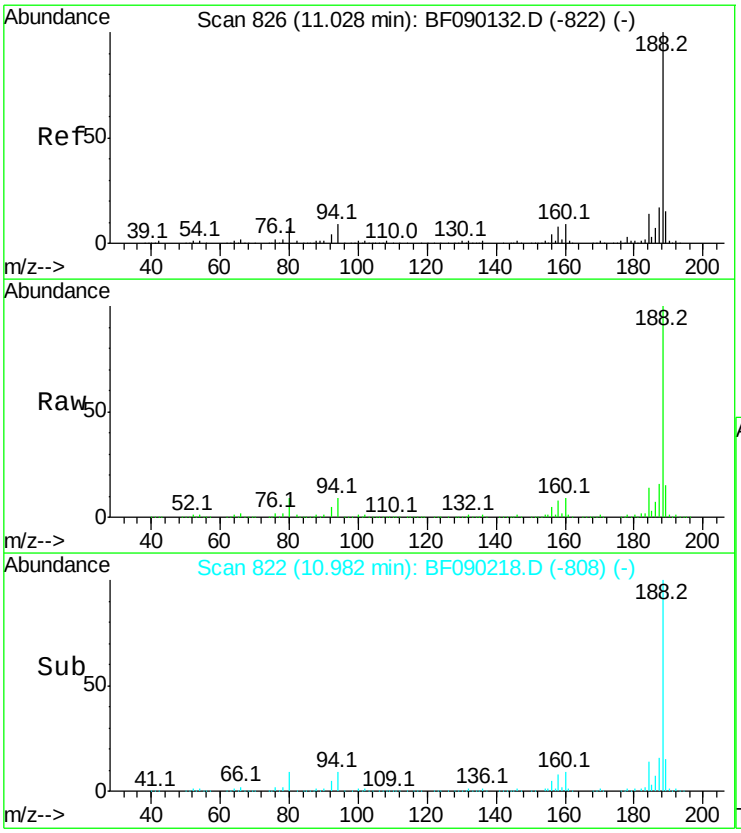
#57
Fluorene
Concen: 4.79 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.06 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 80813

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	15.0	11.2	16.8

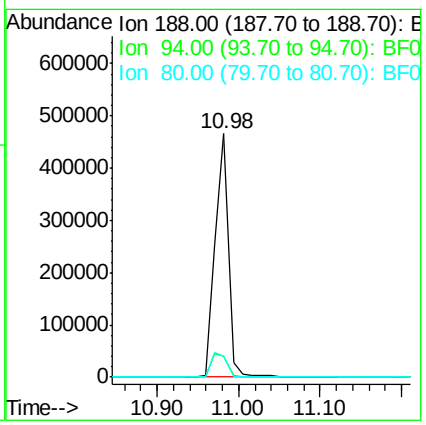


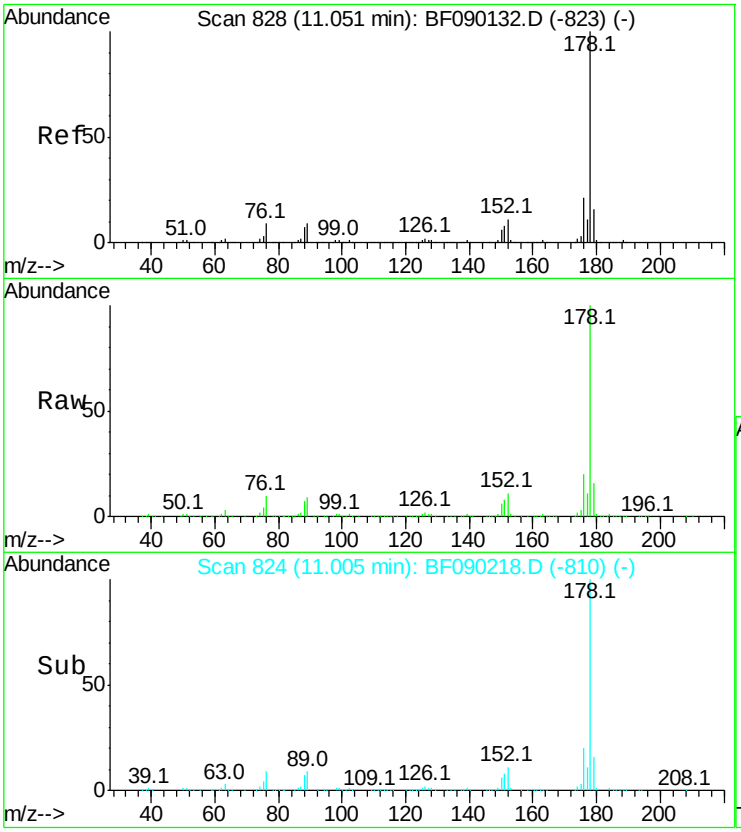


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:188 Resp: 528320

Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.5	15.7#
80	8.9	11.2	16.8#



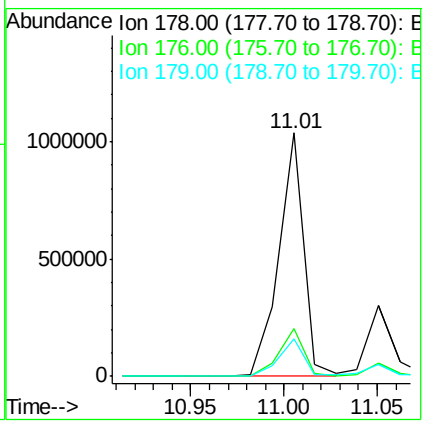


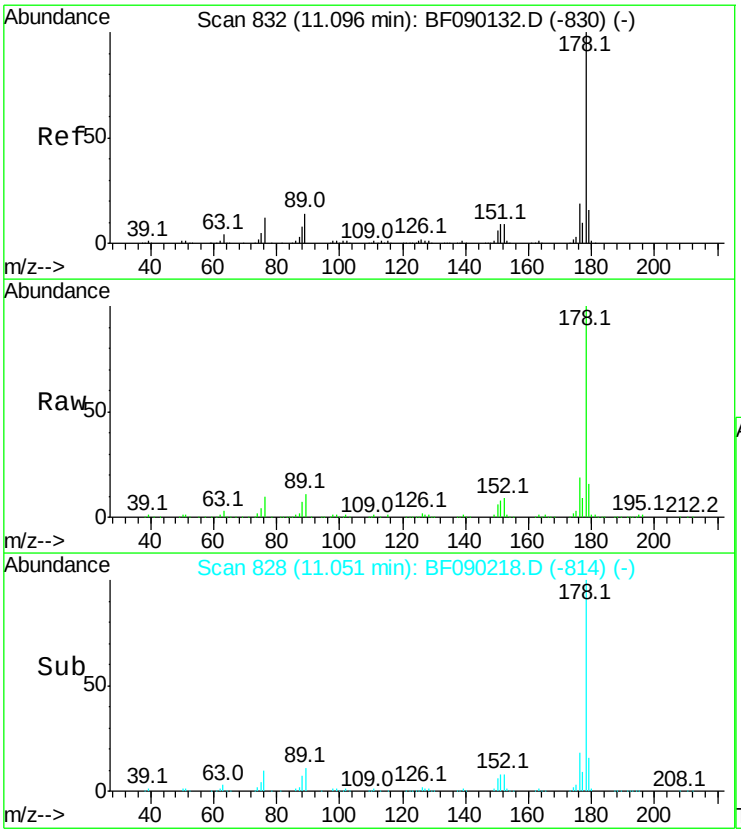
#70
Phenanthrene
Concen: 39.09 ng
RT: 11.01 min Scan# 824
Delta R.T. -0.04 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 965905

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.6	12.9	19.3

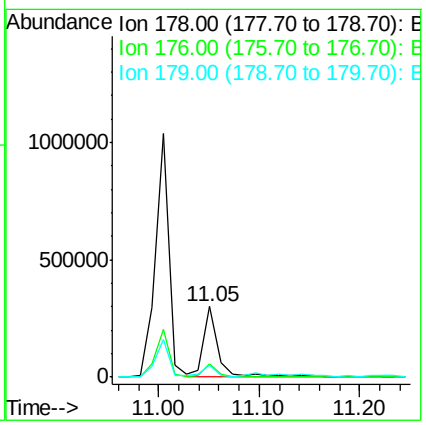


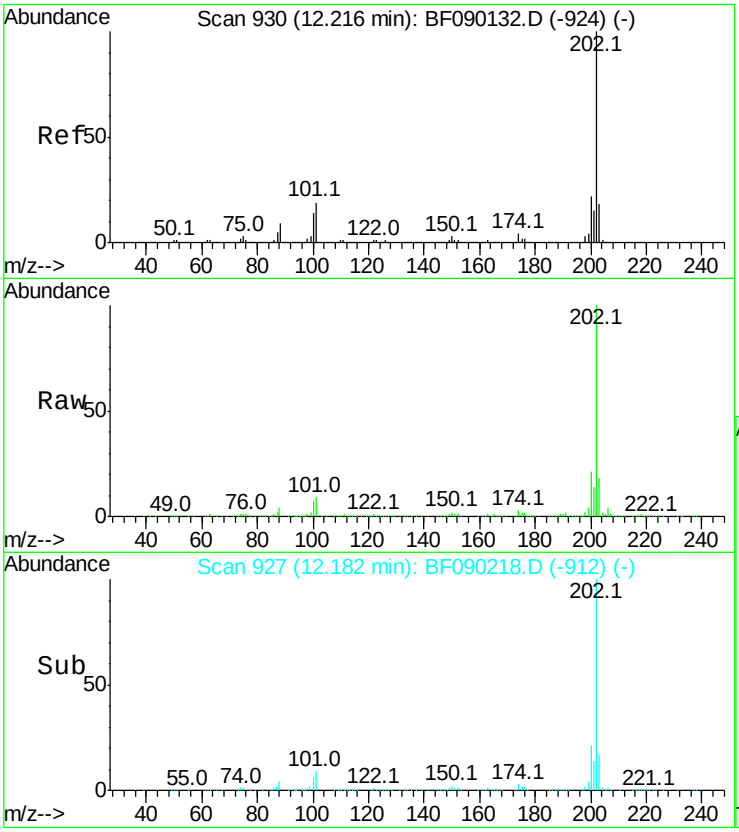


#71
Anthracene
Concen: 11.61 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:178 Resp: 300858

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	16.3	12.6	19.0



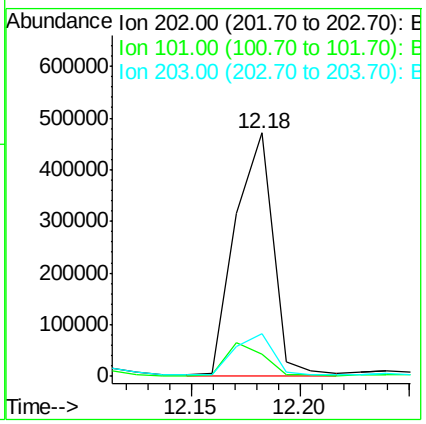


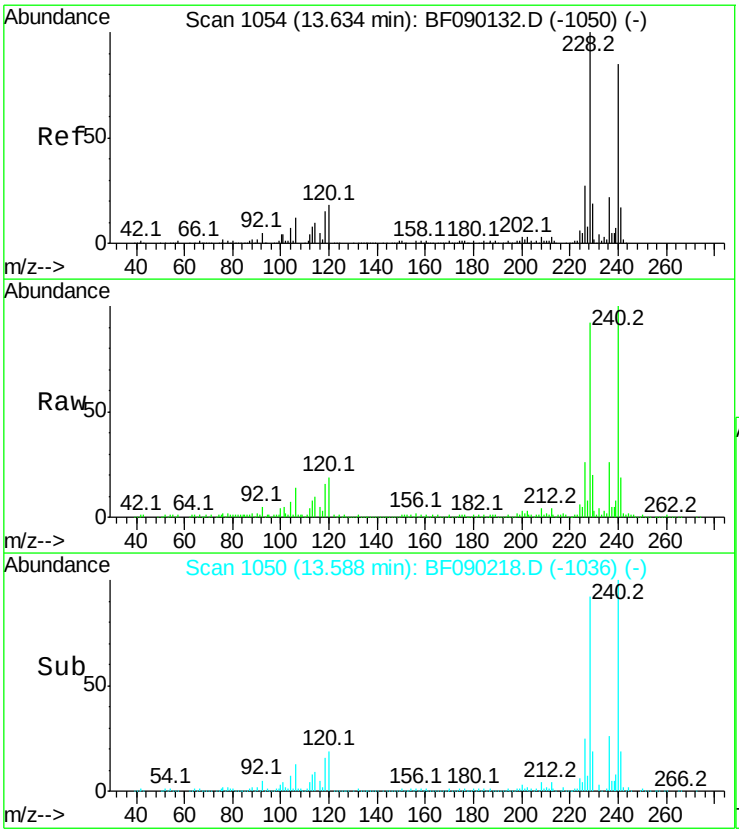
#74
Fluoranthene
Concen: 21.42 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 568033

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	36.1
203	17.7	0.0	38.2

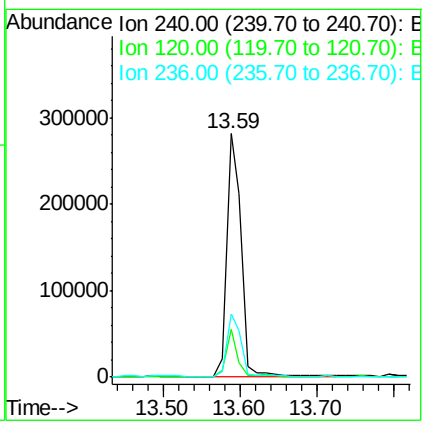


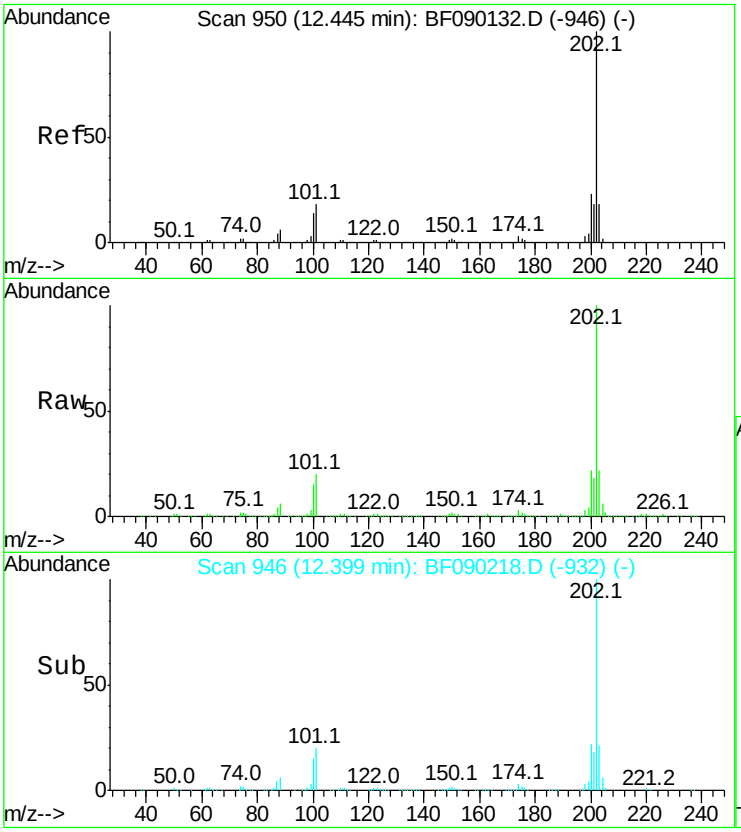


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:240 Resp: 374390

Ion	Ratio	Lower	Upper
240	100		
120	19.4	10.6	16.0#
236	26.1	21.6	32.4



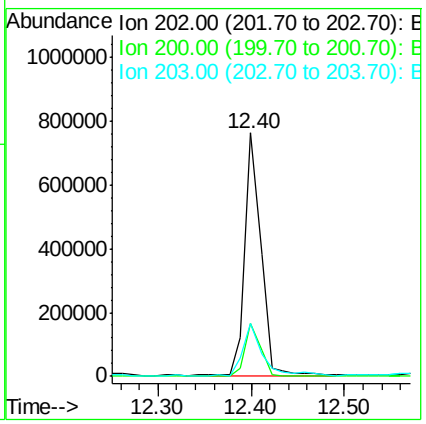


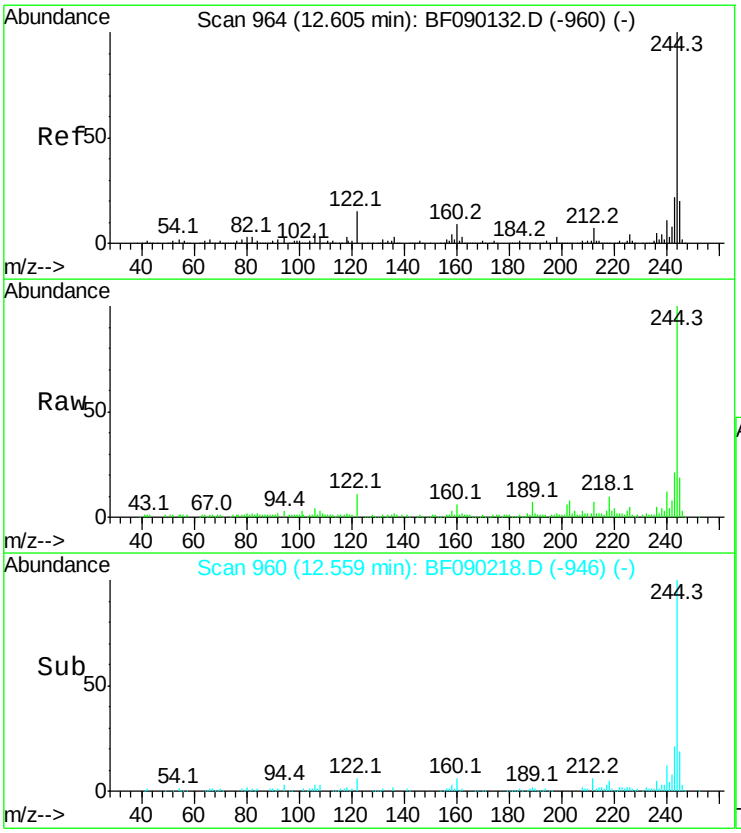
#77
Pyrene
Concen: 36.05 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 923596

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	21.6	14.2	21.4#

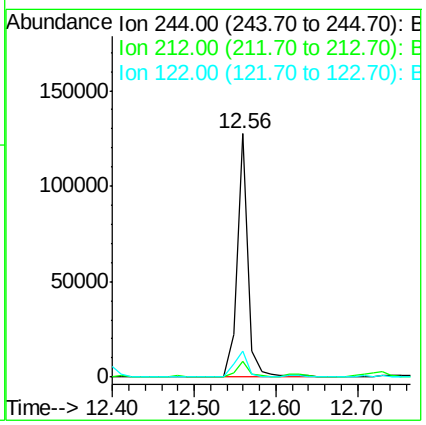


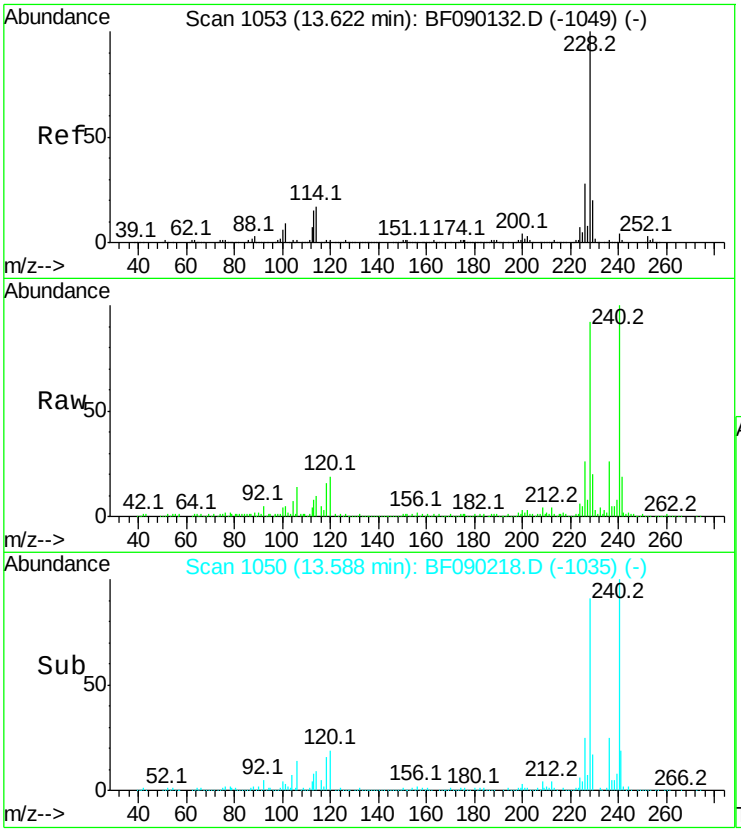


#78
Terphenyl-d14
Concen: 8.13 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:244 Resp: 119833

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.6	9.4	14.0



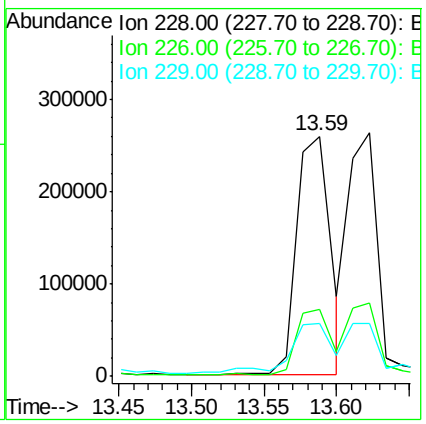


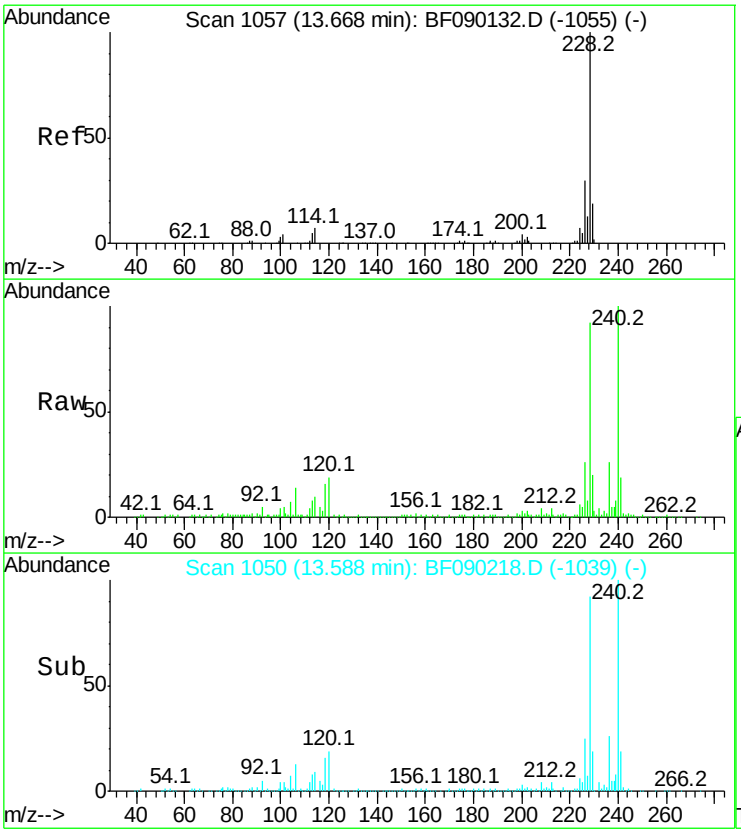
#80
Benzo(a)anthracene
Concen: 20.89 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 420833

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	22.1	16.2	24.2

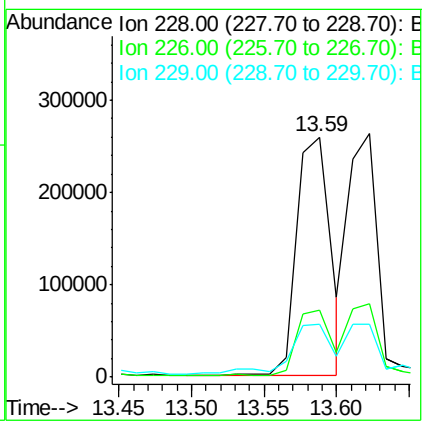


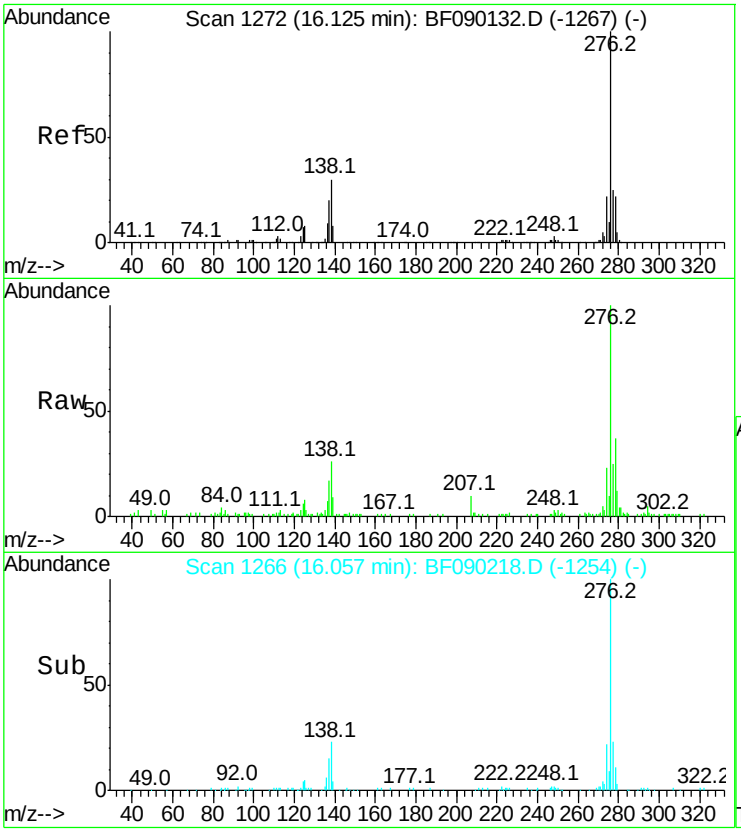


#82
Chrysene
Concen: 21.45 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.08 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:228 Resp: 420833

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.6	37.0
229	22.1	16.2	24.4



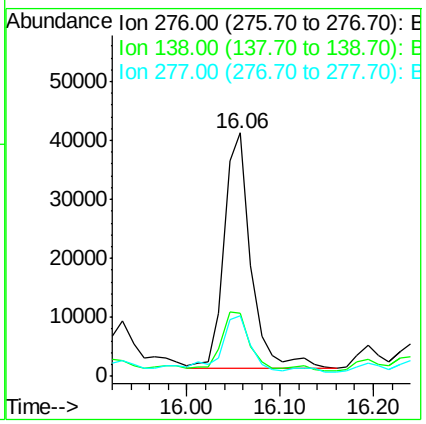


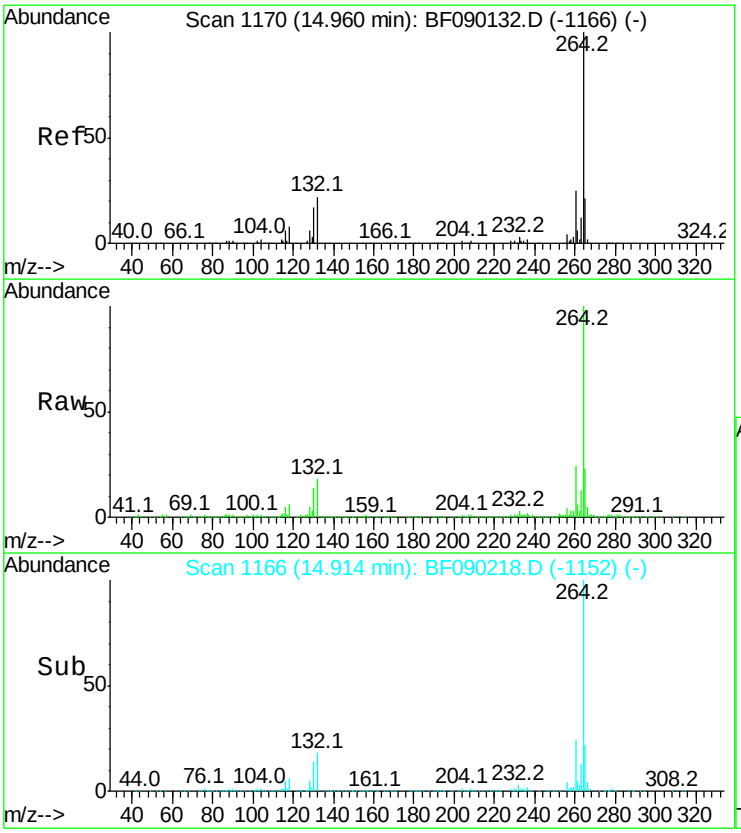
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.08 ng
RT: 16.06 min Scan# 1266
Delta R.T. -0.07 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 80577

Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.9	38.9#
277	25.2	19.9	29.9

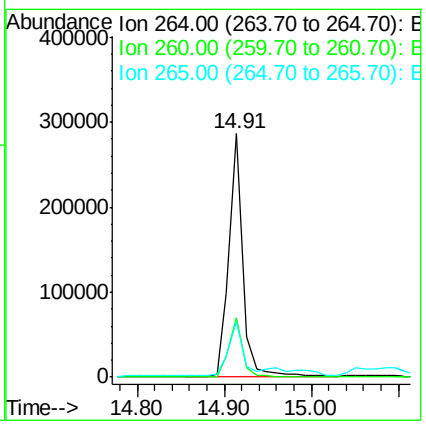


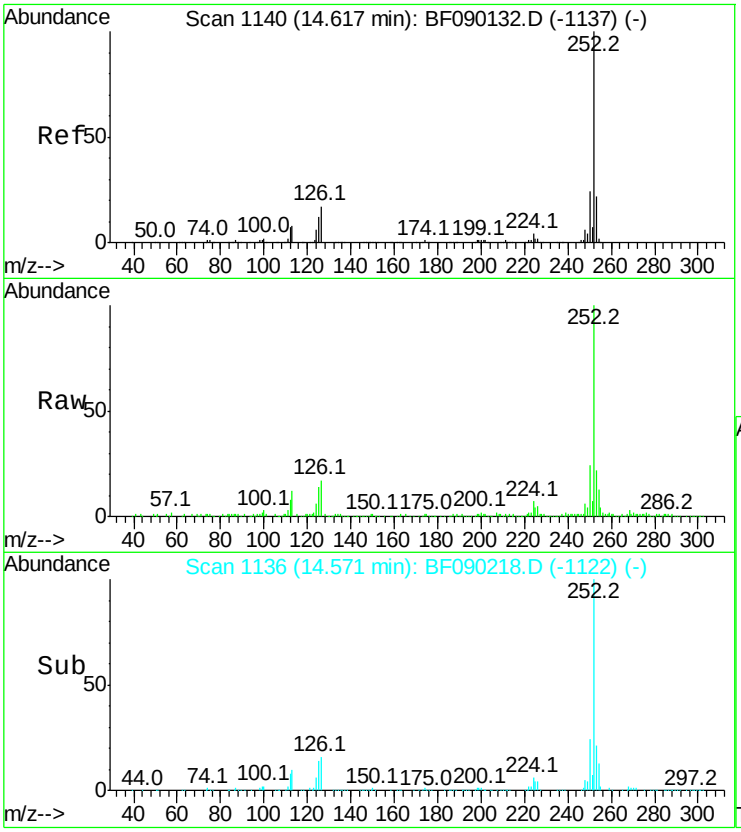


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:264 Resp: 318776

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.6	17.0	25.4



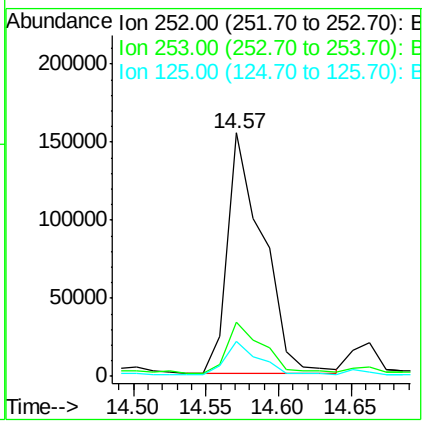


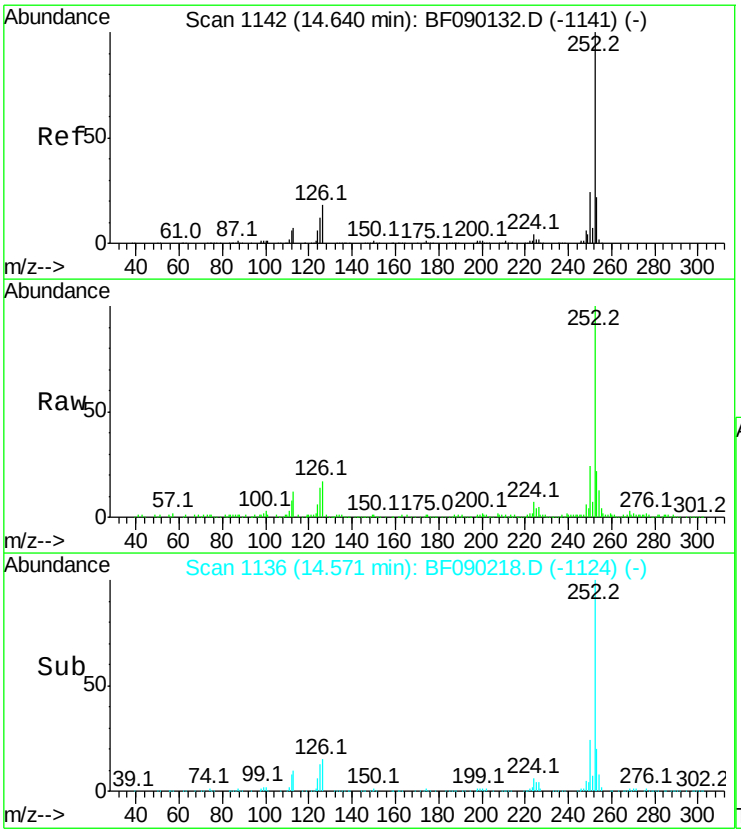
#87
Benzo(b)fluoranthene
Concen: 14.81 ng
RT: 14.57 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 261483

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	14.2	12.7	19.1

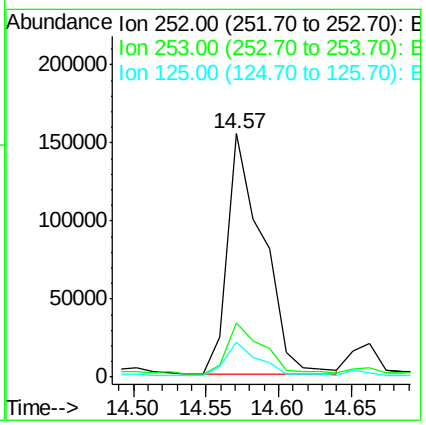


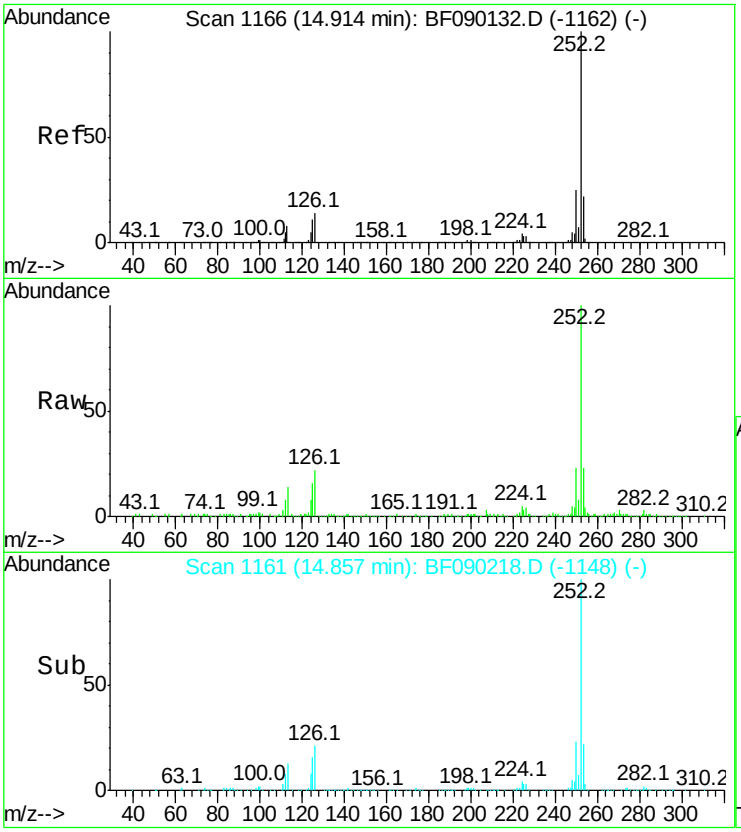


#88
Benzo(k)fluoranthene
Concen: 15.69 ng
RT: 14.57 min Scan# 1136
Delta R.T. -0.07 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:252 Resp: 259980

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	14.2	7.8	11.6#



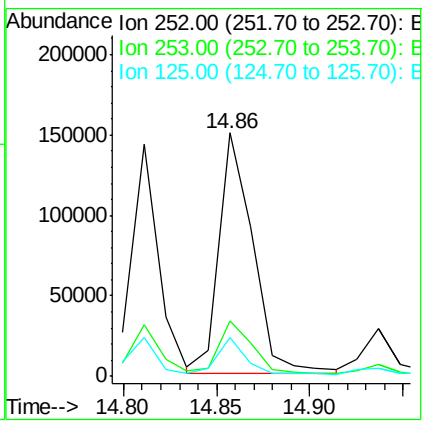


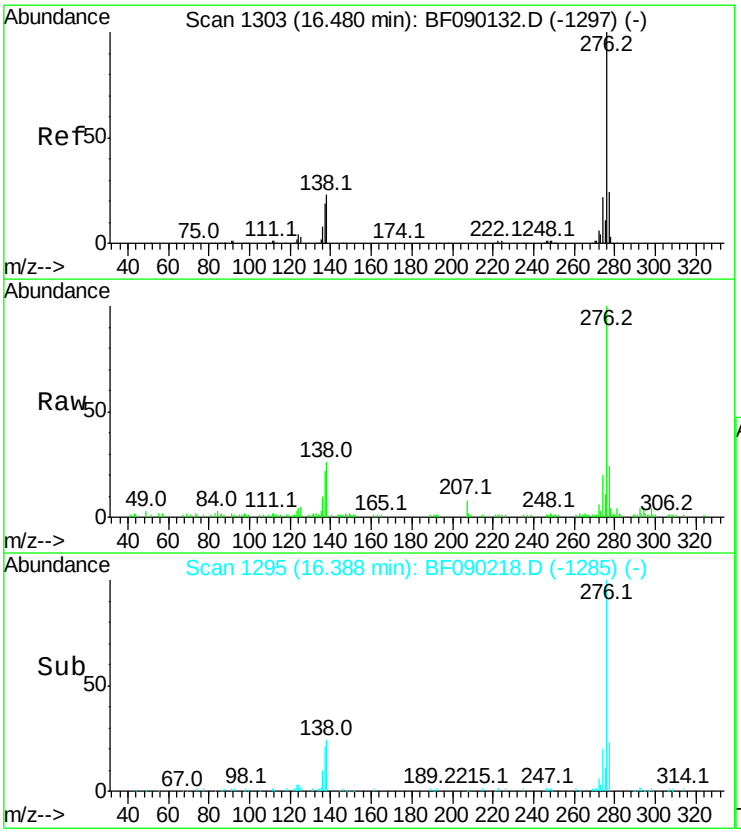
#89
Benzo(a)pyrene
Concen: 11.41 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 189481

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	16.2	7.7	11.5#





#91
Benzo(g,h,i)perylene
Concen: 7.38 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.09 min
Lab File: BF090218.D
Acq: 26 Sep 2016 13:51

Tgt Ion:276 Resp: 93536

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	25.8	23.3	34.9