Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090329.D
Acq On : 30 Sep 2016 23:05
Operator : UM/SJ
Sample : H4982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-10

Quant Time: Oct 01 00:04:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 23:14:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	124205	20.00	ng		0.00
21) Naphthalene-d8	7.75	136	480807	20.00	ng		0.00
38) Acenaphthene-d10	9.48	164	218688	20.00	ng		0.00
63) Phenanthrene-d10	10.96	188	301897	20.00	ng		0.01
75) Chrysene-d12	13.58	240	224556	20.00	ng		0.01
86) Perylene-d12	14.90	264	166595	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	1073137	140.83	ng		0.05
7) Phenol-d6	6.15	99	1497889	159.17	ng		0.03
23) Nitrobenzene-d5	7.04	82	834191	100.57	ng		0.01
41) 2,4,6-Tribromophenol	10.28	330	251159	133.87	ng		0.01
44) 2-Fluorobiphenyl	8.83	172	1324830	118.93	ng		0.01
78) Terphenyl-d14	12.55	244	807767	91.33	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.63	88	150255	36.34	ng	#	26
15) Benzyl Alcohol	6.62	79	13843	2.47	ng	#	47
48) Acenaphthylene	9.35	152	38984	2.08	ng		100
49) Dimethylphthalate	9.23	163	449109	32.24	ng		99
57) Fluorene	10.03	166	24340	2.21	ng		98
70) Phenanthrene	10.98	178	224021	15.87	ng		98
71) Anthracene	11.03	178	71645	4.84	ng		96
74) Fluoranthene	12.16	202	350061	23.10	ng		97
77) Pyrene	12.39	202	339206	22.08	ng		98
80) Benzo(a)anthracene	13.57	228	176807	14.63	ng		93
82) Chrysene	13.57	228	176807	15.02	ng		97
85) Indeno(1,2,3-cd)pyrene	16.06	276	64887	6.82	ng	#	92
87) Benzo(b)fluoranthene	14.57	252	205072	22.23	ng	#	88
88) Benzo(k)fluoranthene	14.57	252	205072	23.69	ng	#	82
89) Benzo(a)pyrene	14.86	252	104657	12.06	ng	#	86
90) Dibenzo(a,h)anthracene	16.07	278	17239	2.55	ng	#	35
91) Benzo(g,h,i)perylene	16.40	276	64839	9.78	ng	#	95

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

Quantitation Report (Not Reviewed)

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Data File : BF090329.D
Acq On : 30 Sep 2016 23:05
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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S-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 23:14:34 2016
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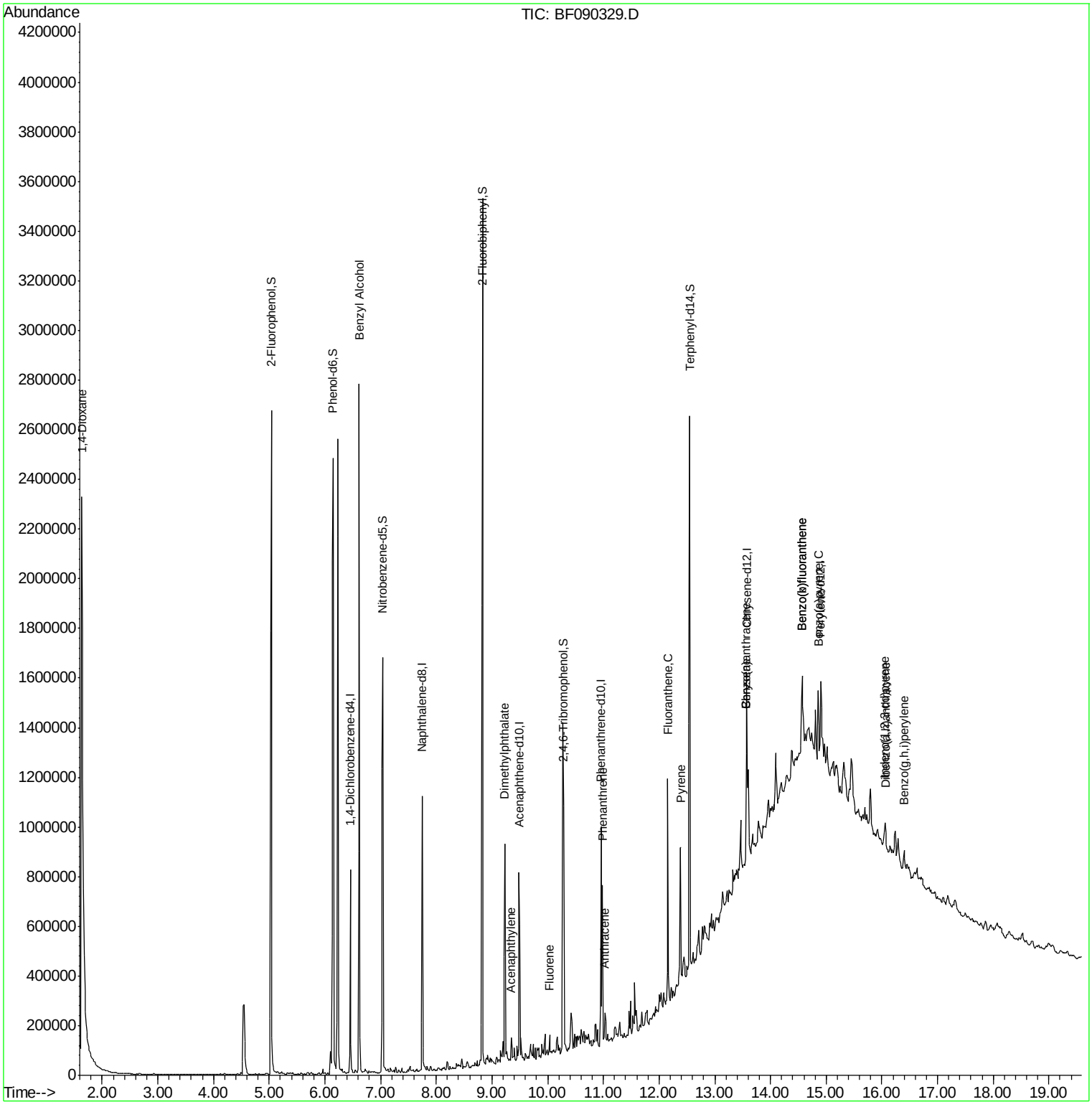
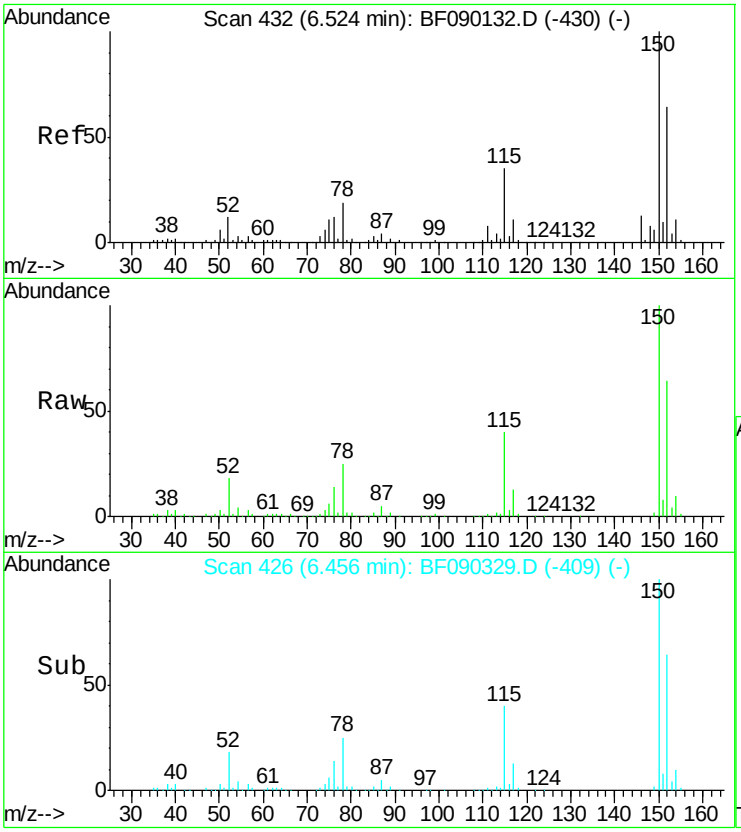


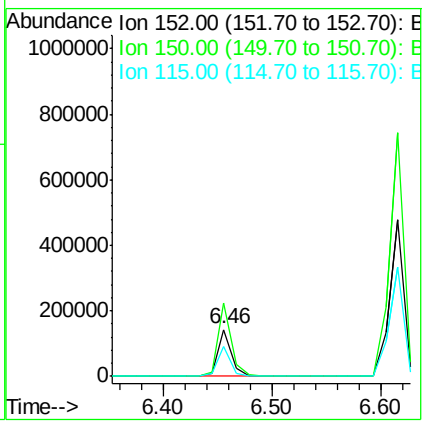


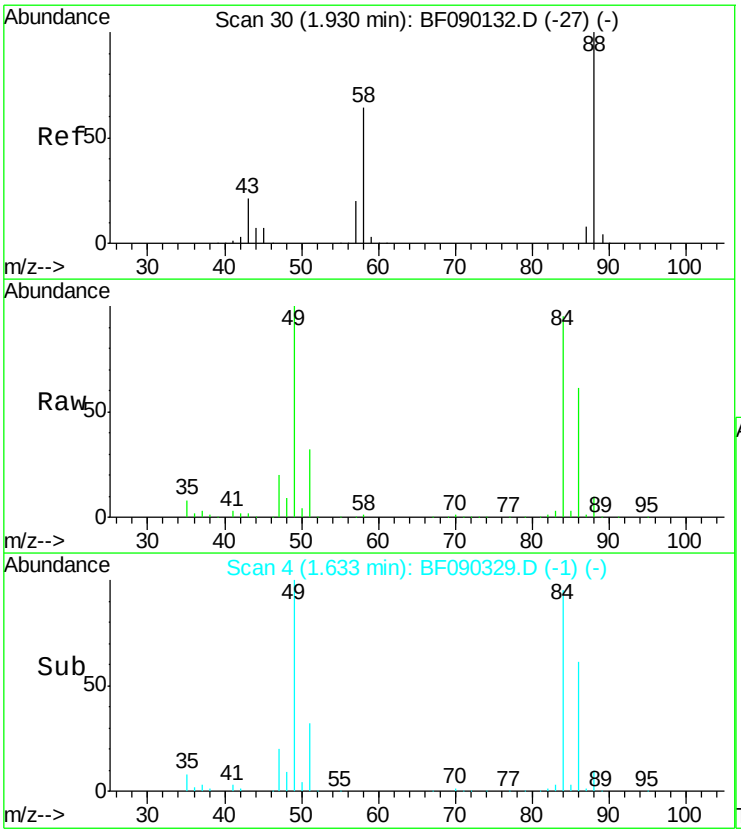
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:152 Resp: 124205

Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.9	193.3
115	63.2	55.5	83.3

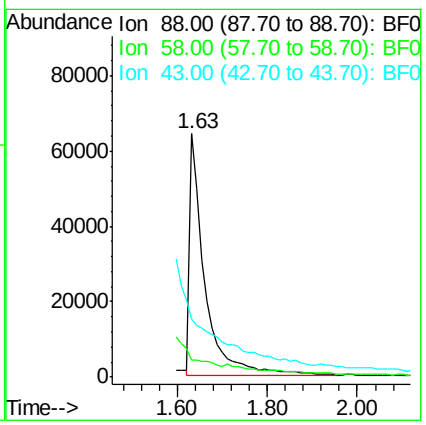


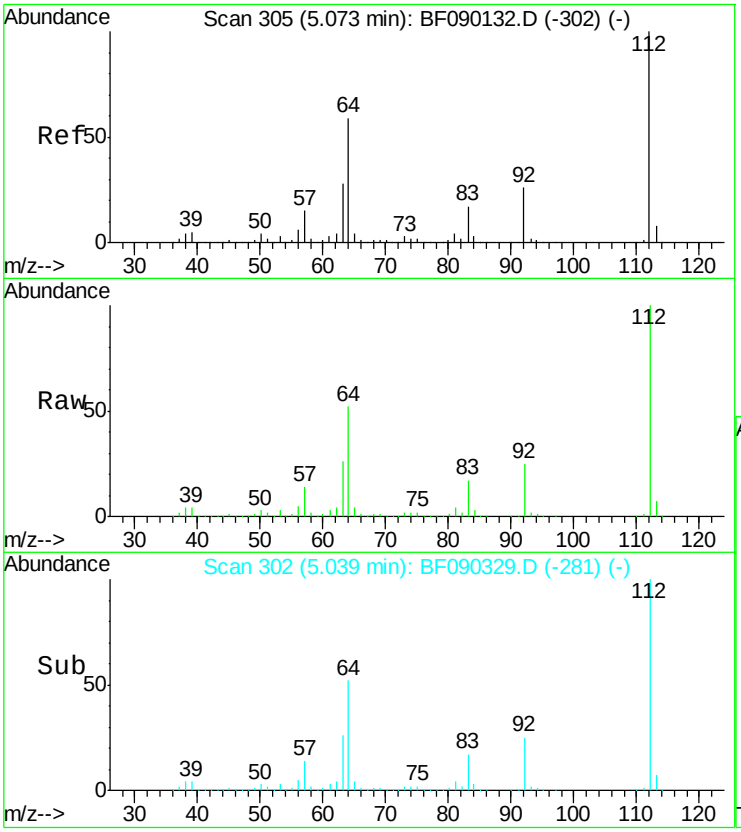


#2
1,4-Dioxane
Concen: 36.34 ng
RT: 1.63 min Scan# 4
Delta R.T. -0.16 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion: 88 Resp: 150255

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.4	80.0#
43	0.0	16.5	24.7#



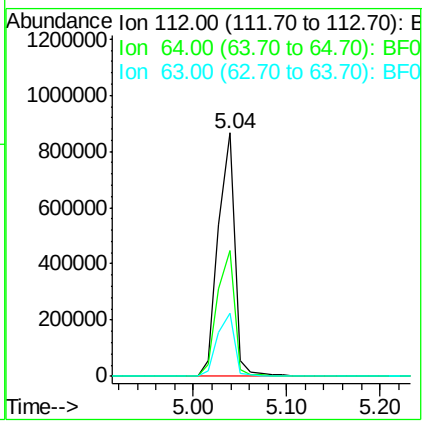


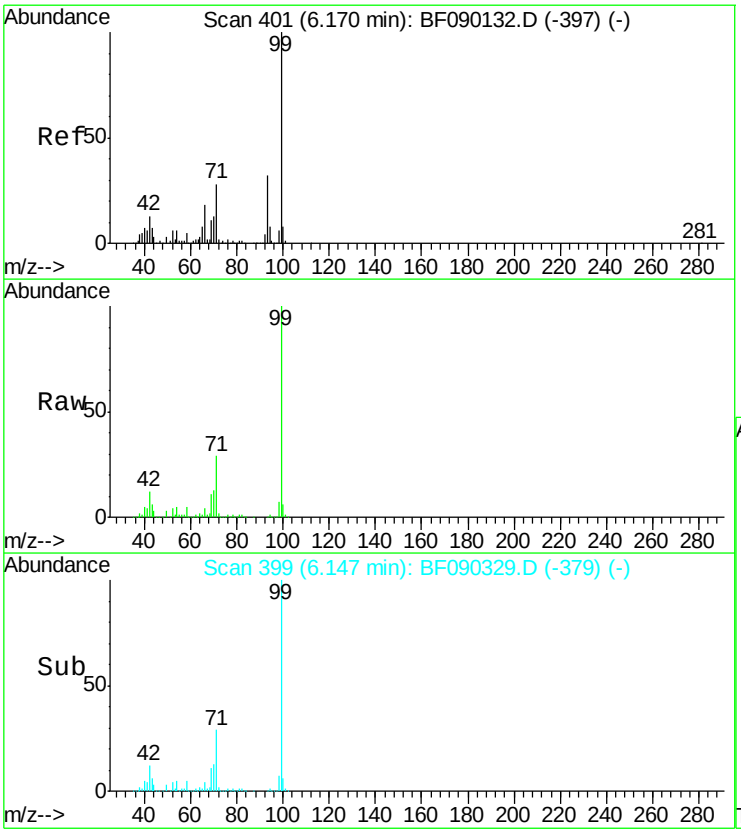
#5
2-Fluorophenol
Concen: 140.83 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.05 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:112 Resp: 1073137

Ion	Ratio	Lower	Upper
112	100		
64	51.7	39.8	59.6
63	25.8	18.9	28.3

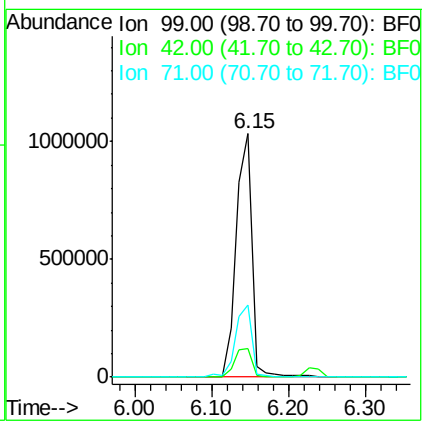


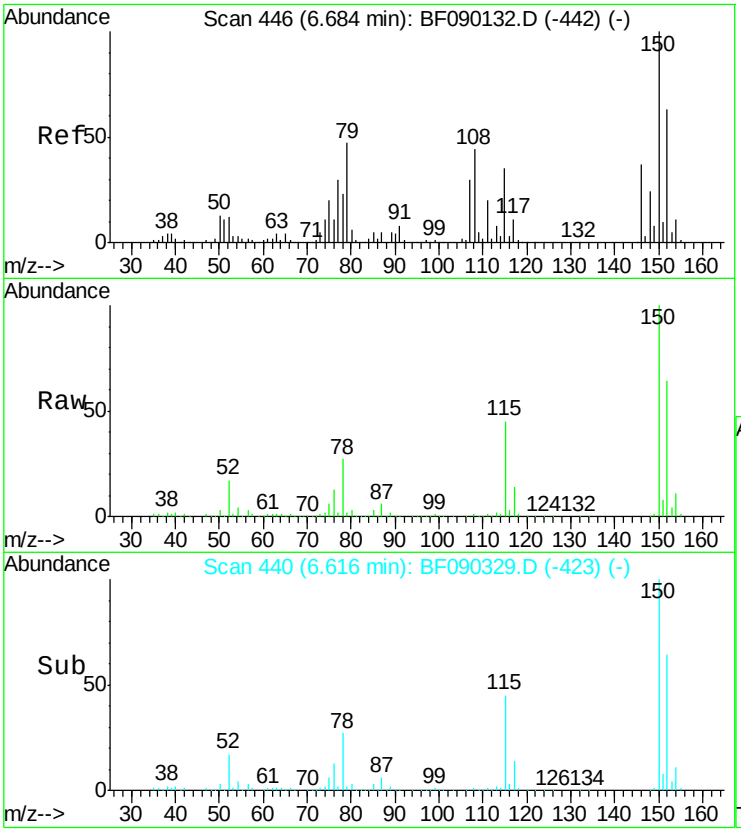


#7
Phenol-d6
Concen: 159.17 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.03 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion: 99 Resp: 1497889

Ion	Ratio	Lower	Upper
99	100		
42	11.7	10.6	15.8
71	29.4	23.0	34.6



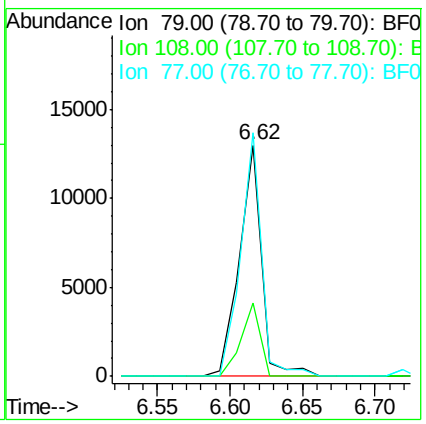


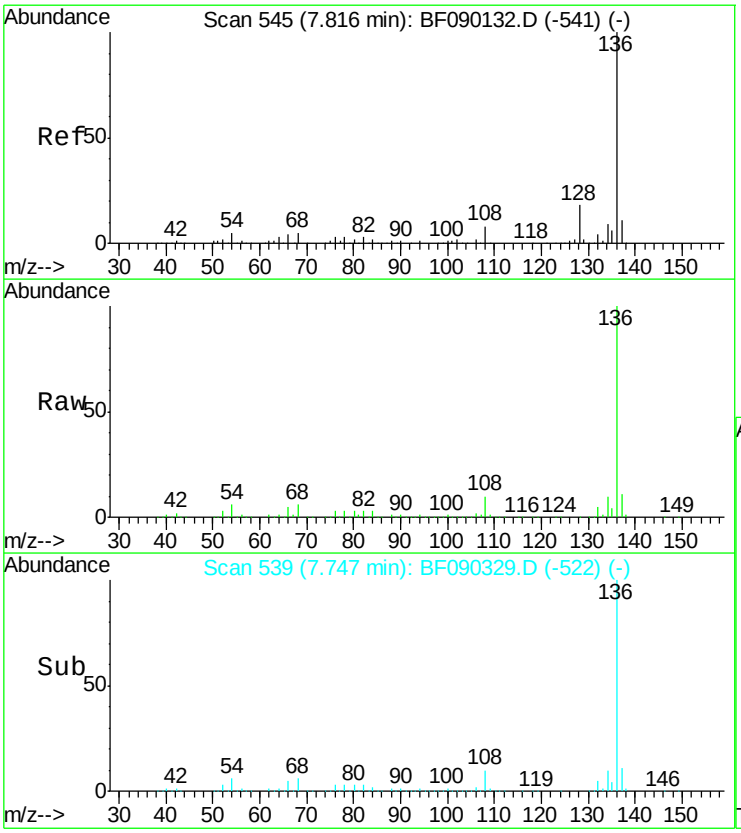
#15
Benzyl Alcohol
Concen: 2.47 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion: 79 Resp: 13843

Ion	Ratio	Lower	Upper
79	100		
108	32.0	62.2	93.4#
77	105.5	51.4	77.0#

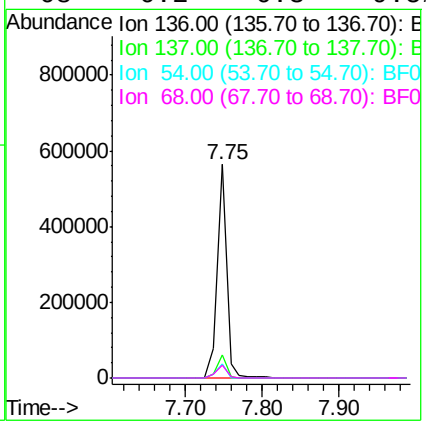


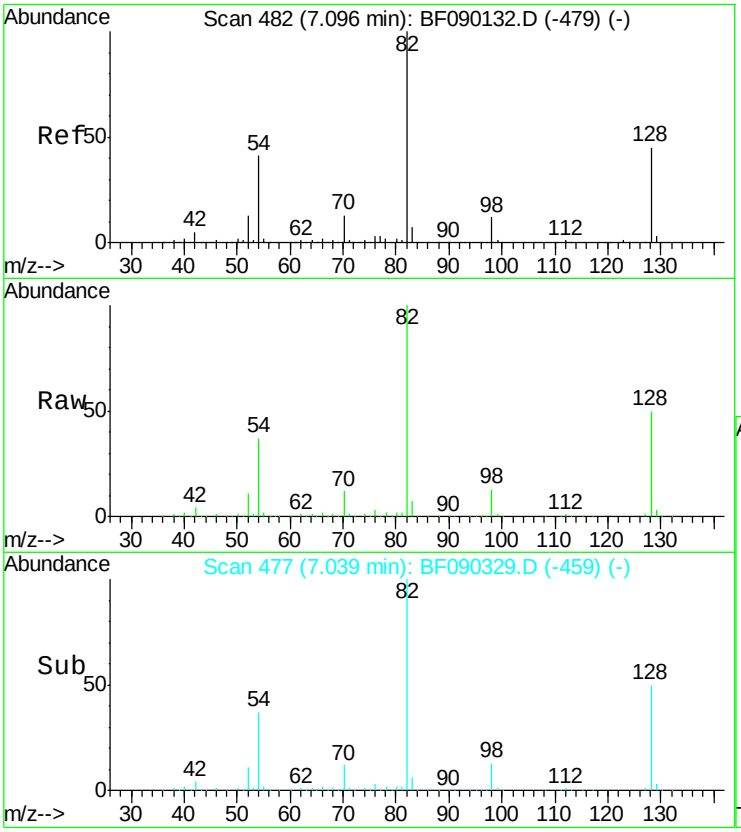


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:136 Resp: 480807

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.4	6.4	9.6
68	6.2	6.3	9.5#



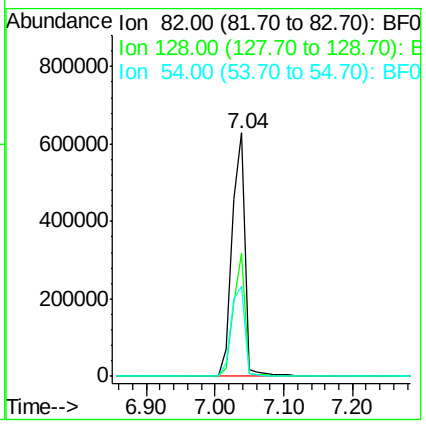


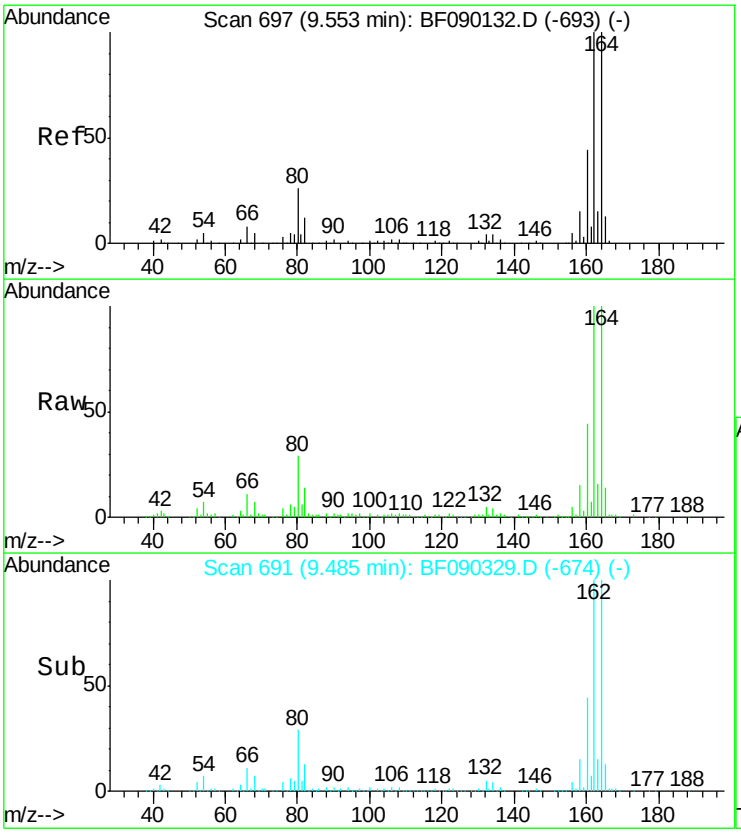
#23
Nitrobenzene-d5
Concen: 100.57 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion: 82 Resp: 834191

Ion	Ratio	Lower	Upper
82	100		
128	50.5	37.5	56.3
54	36.8	31.9	47.9

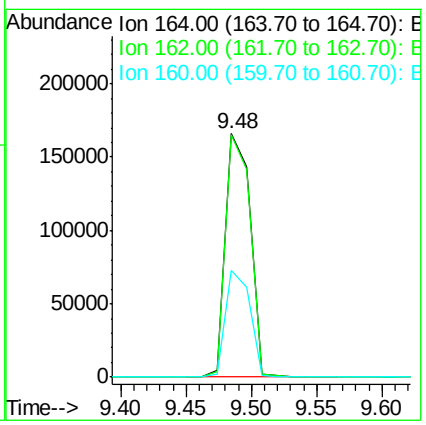


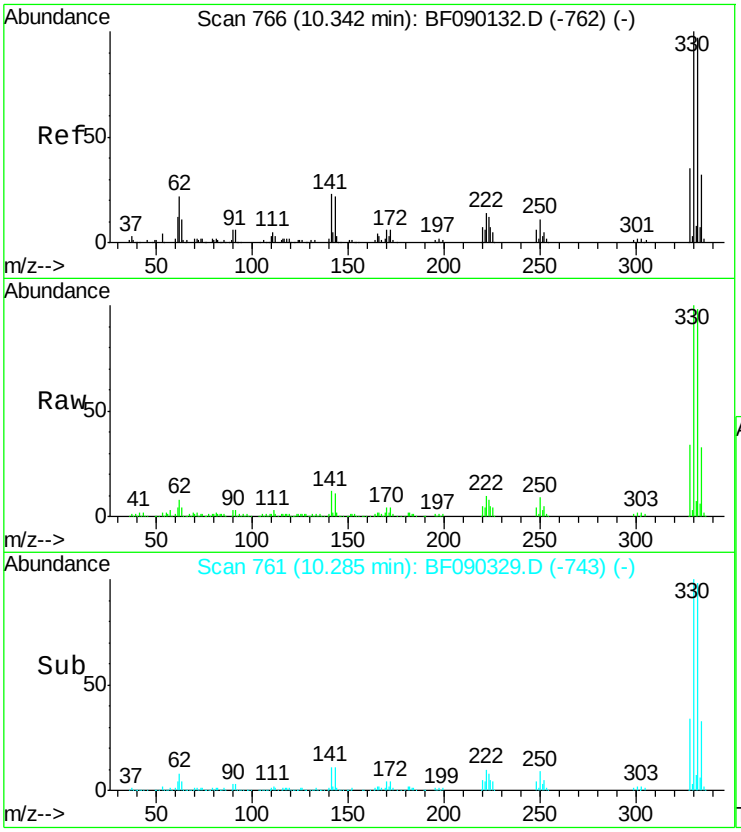


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:164 Resp: 218688

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.4	122.2
160	44.0	36.6	54.8



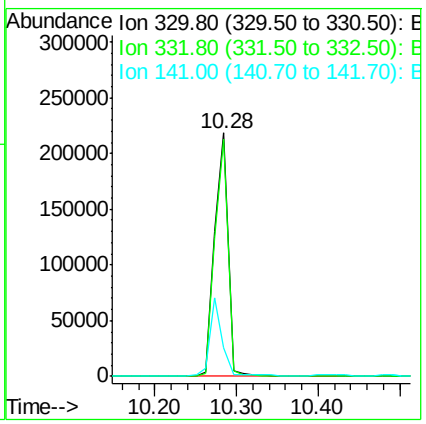


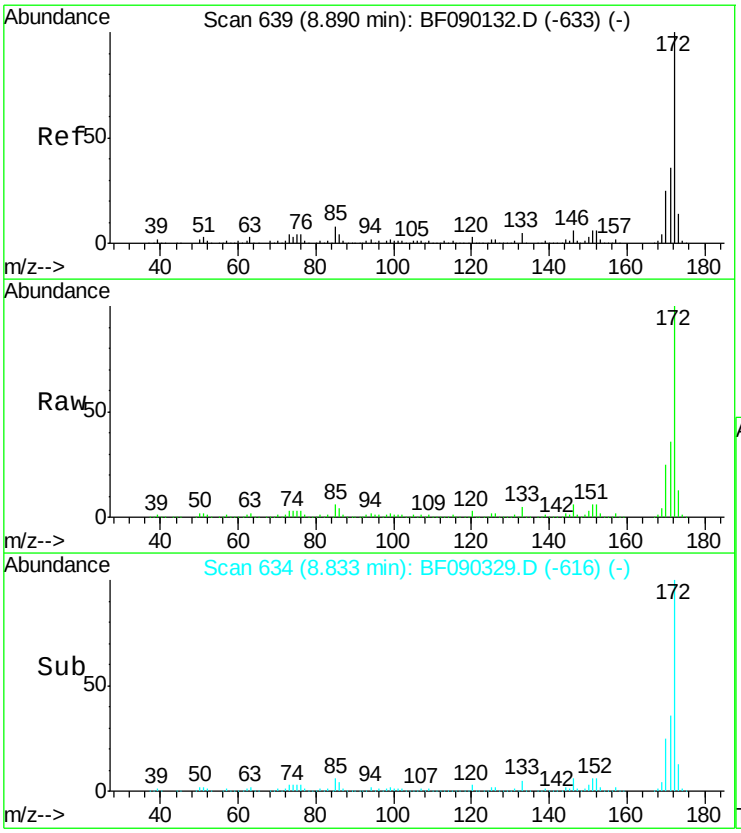
#41
2,4,6-Tribromophenol
Concen: 133.87 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:330 Resp: 251159

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.1	117.1
141	29.0	23.9	35.9

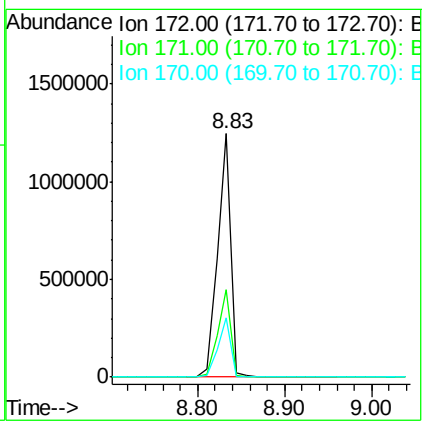


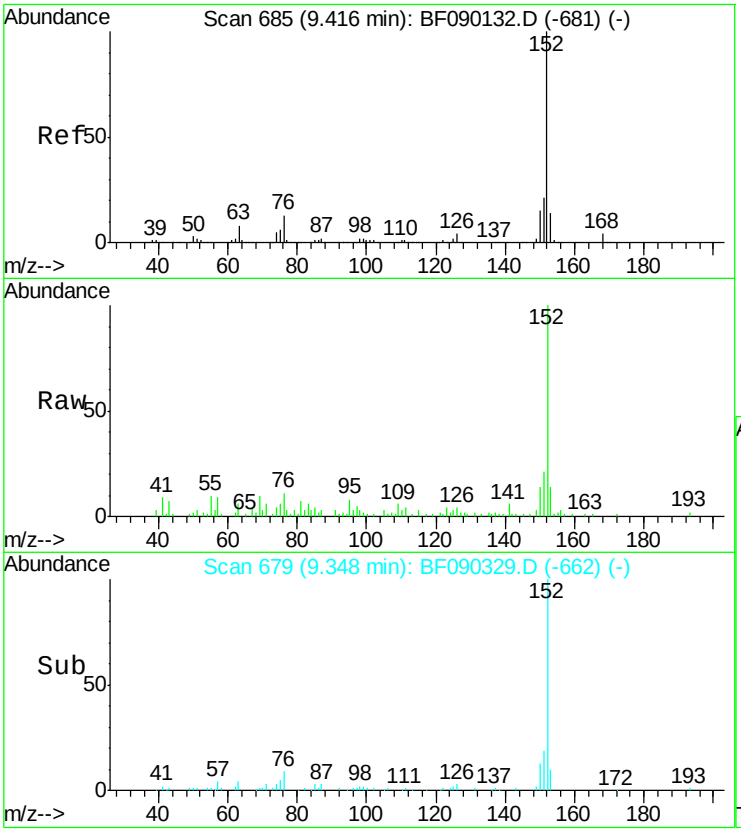


#44
2-Fluorobiphenyl
Concen: 118.93 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:172 Resp: 1324830

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.6	19.8	29.8



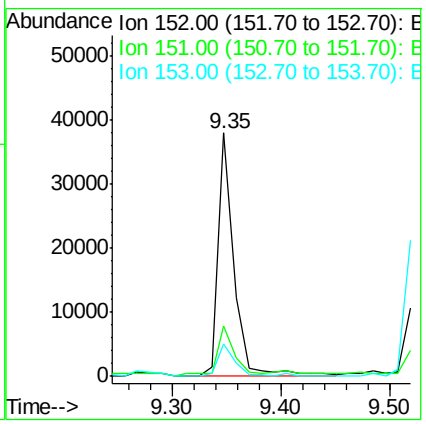


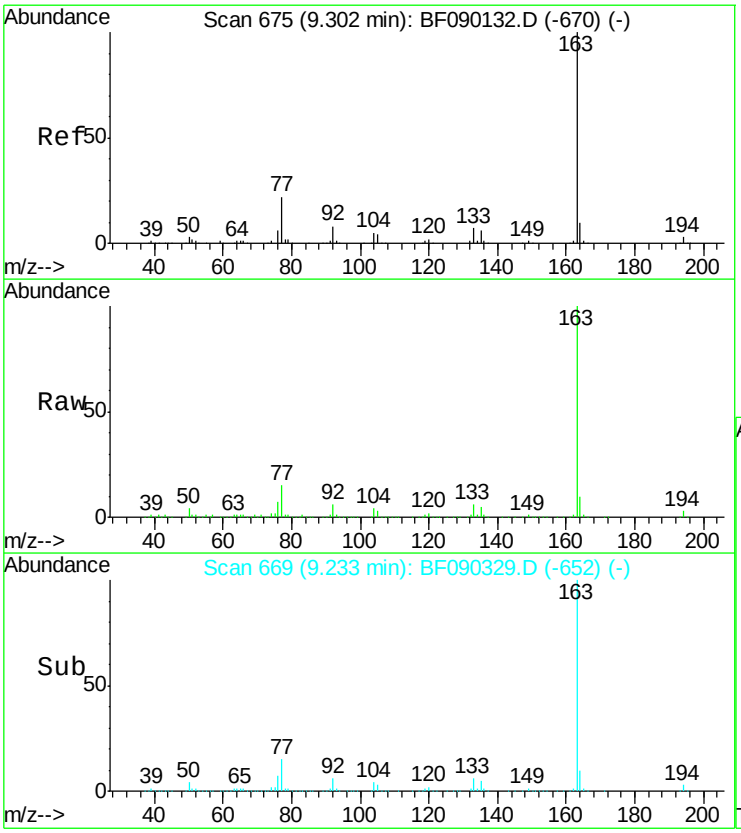
#48
Acenaphthylene
Concen: 2.08 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:152 Resp: 38984

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7
153	13.5	10.6	15.8

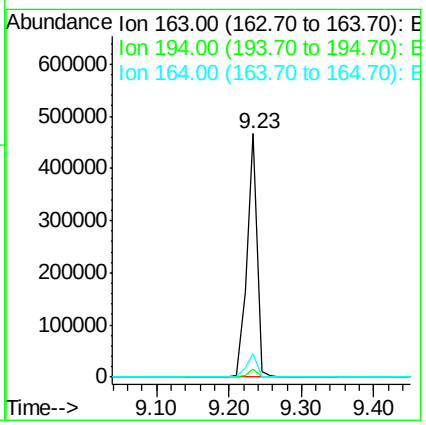


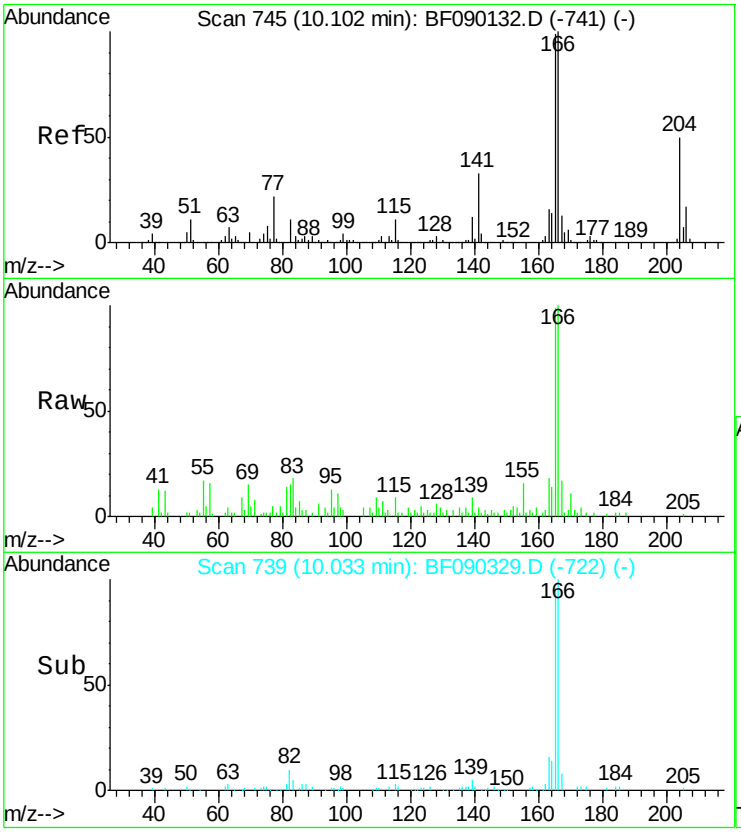


#49
Dimethylphthalate
Concen: 32.24 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:163 Resp: 449109

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.7	8.1	12.1



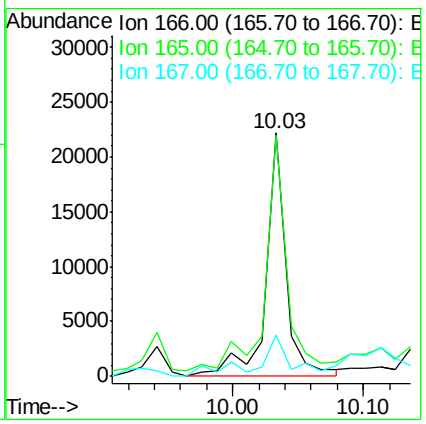


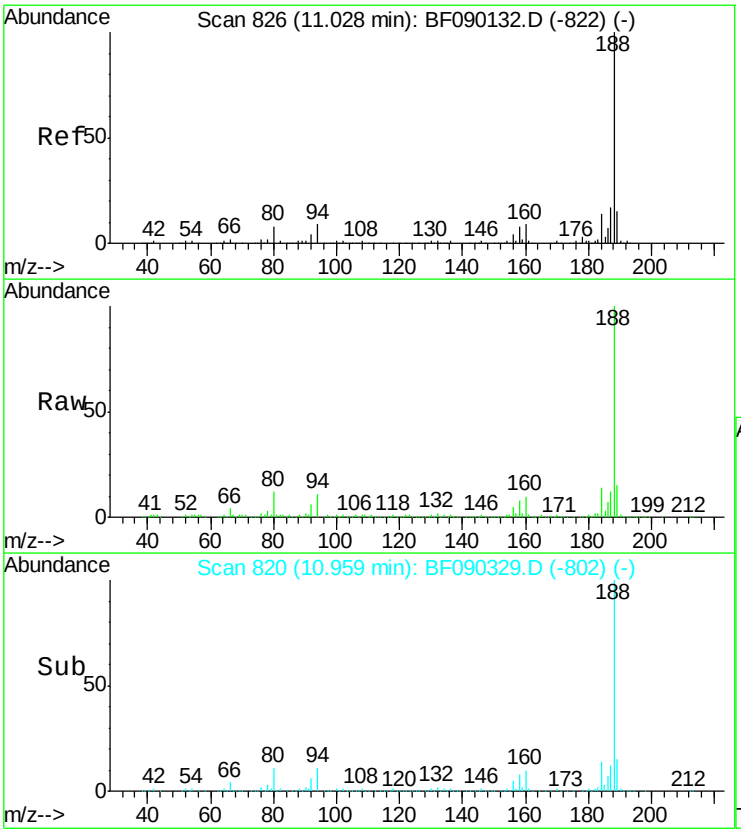
#57
Fluorene
Concen: 2.21 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:166 Resp: 24340

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.5	117.7
167	16.8	11.2	16.8

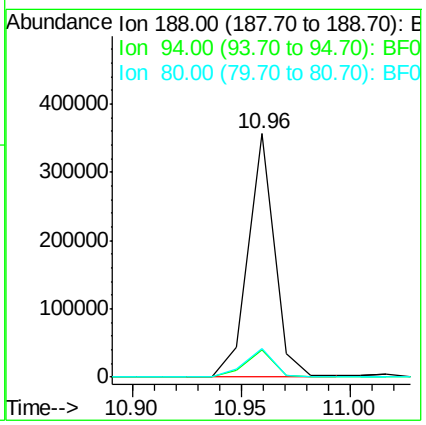


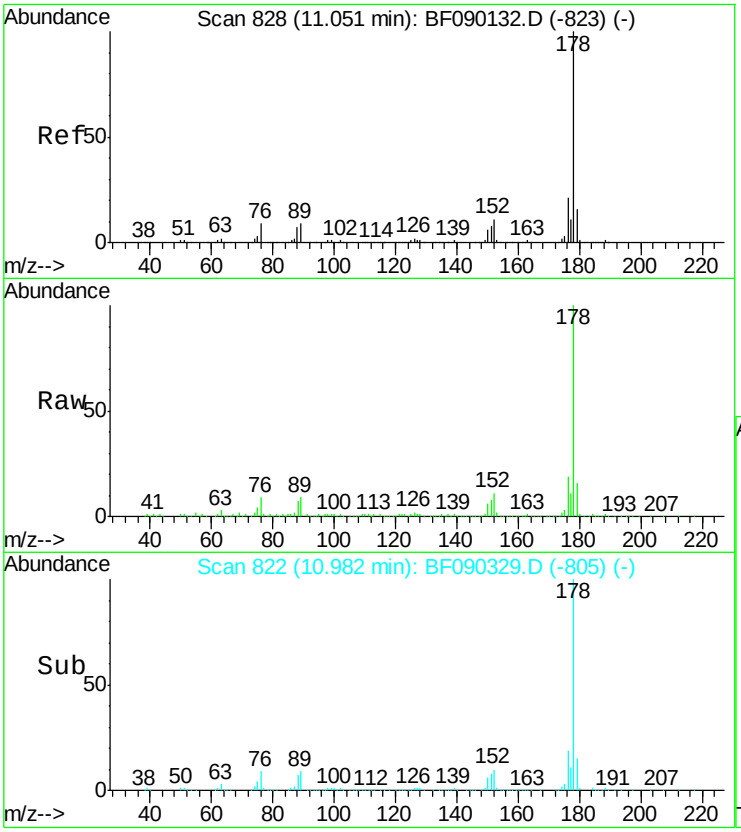


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:188 Resp: 301897

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.5	15.7
80	11.6	11.2	16.8



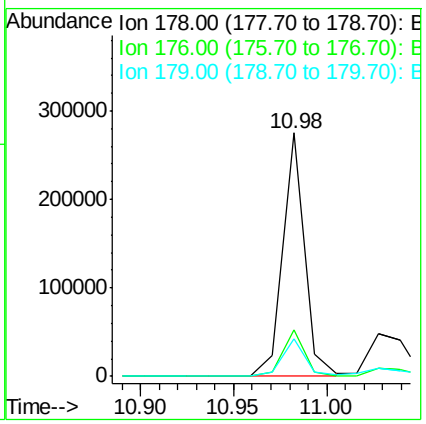


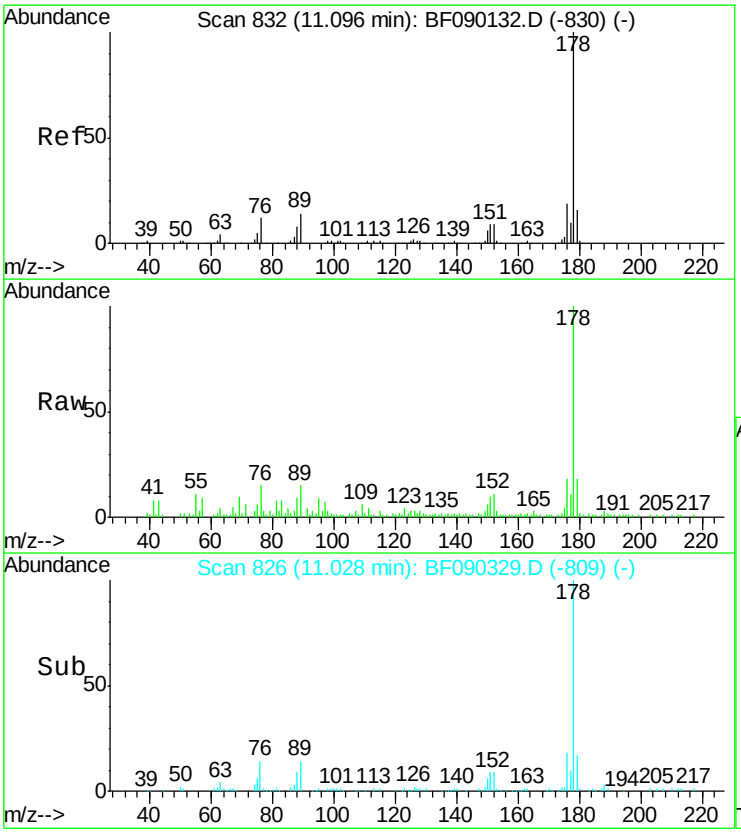
#70
Phenanthrene
Concen: 15.87 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:178 Resp: 224021

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.5	12.9	19.3

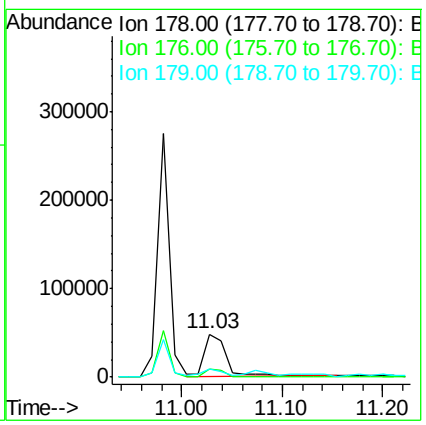


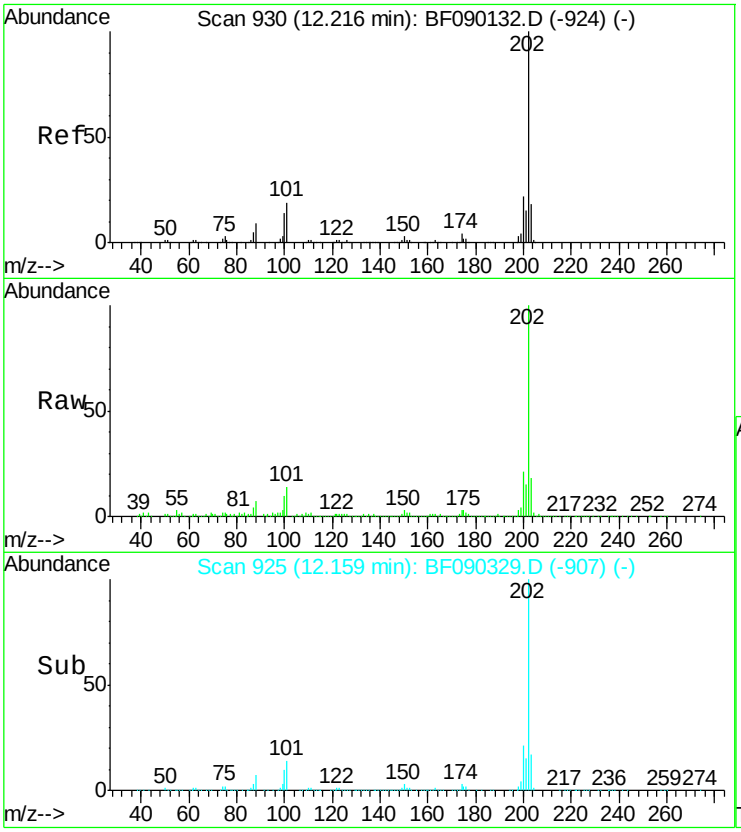


#71
Anthracene
Concen: 4.84 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:178 Resp: 71645

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	18.1	12.6	19.0



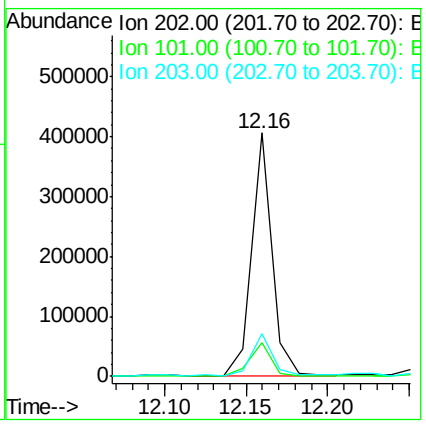


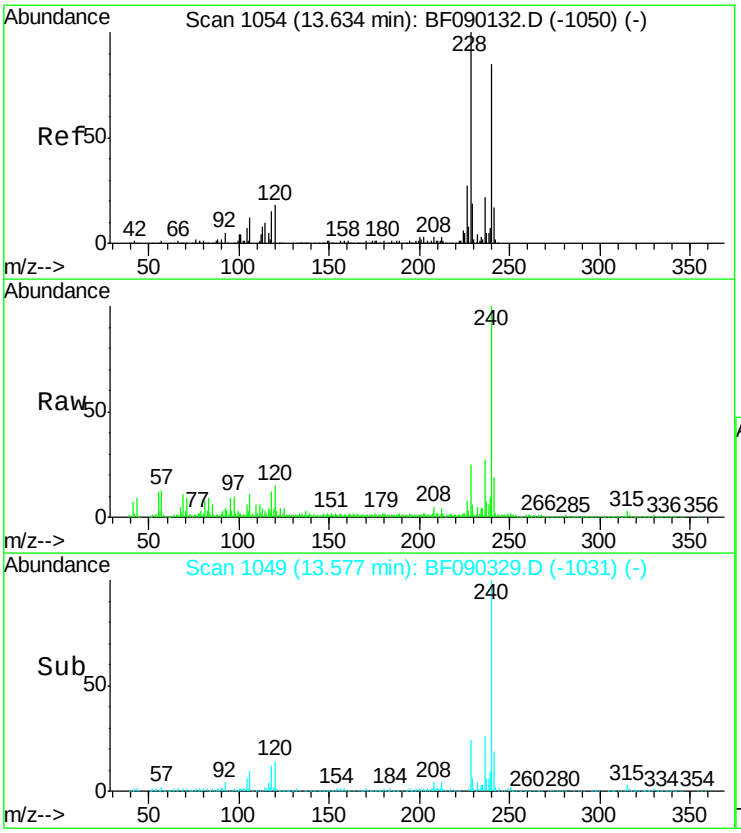
#74
Fluoranthene
Concen: 23.10 ng
RT: 12.16 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:202 Resp: 350061

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	36.1
203	17.6	0.0	38.2

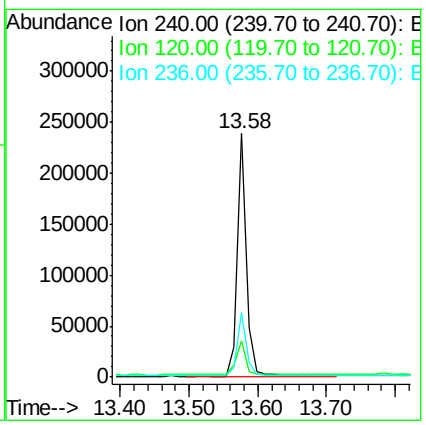


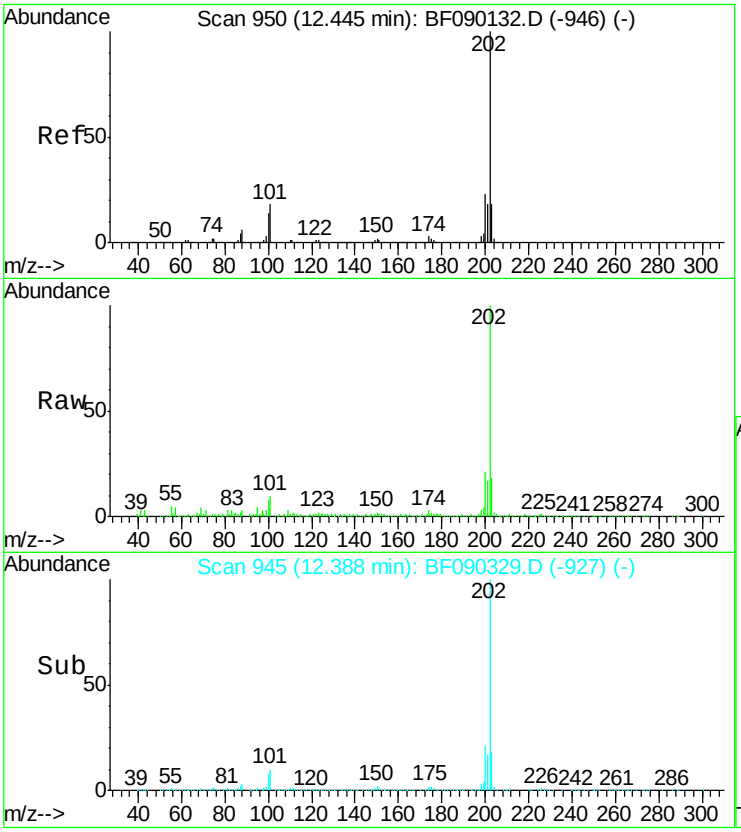


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:240 Resp: 224556

Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.6	16.0
236	26.5	21.6	32.4



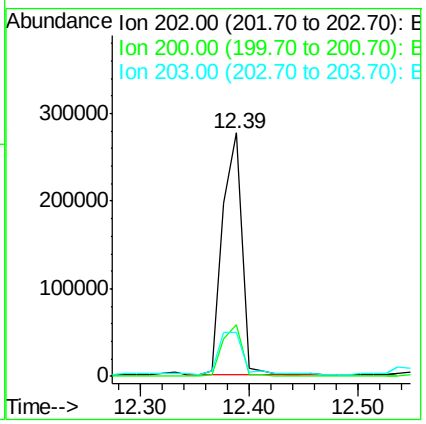


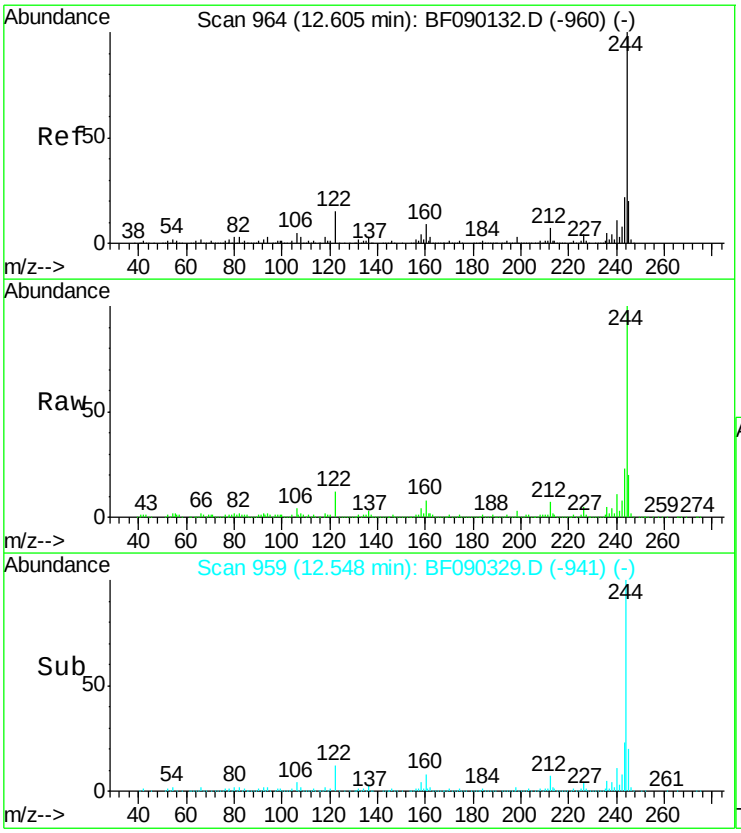
#77
Pyrene
Concen: 22.08 ng
RT: 12.39 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:202 Resp: 339206

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.9	26.9
203	17.9	14.2	21.4

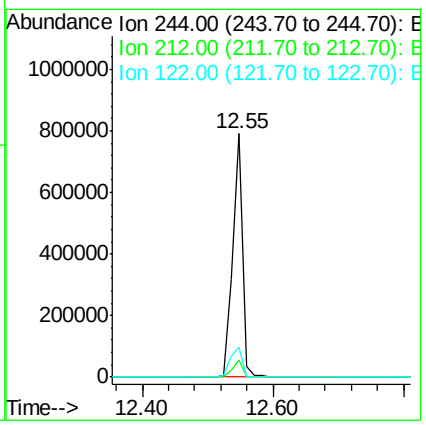


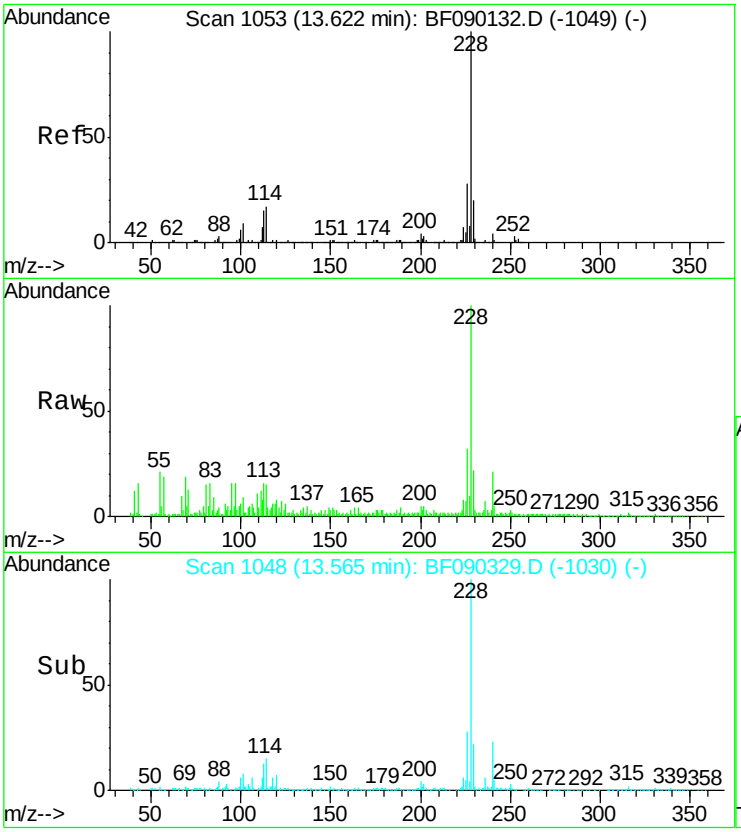


#78
Terphenyl-d14
Concen: 91.33 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:244 Resp: 807767

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.4	9.4	14.0



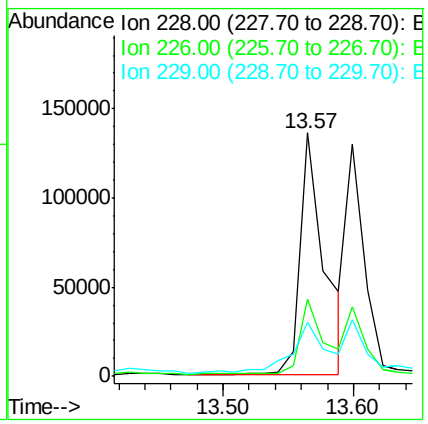


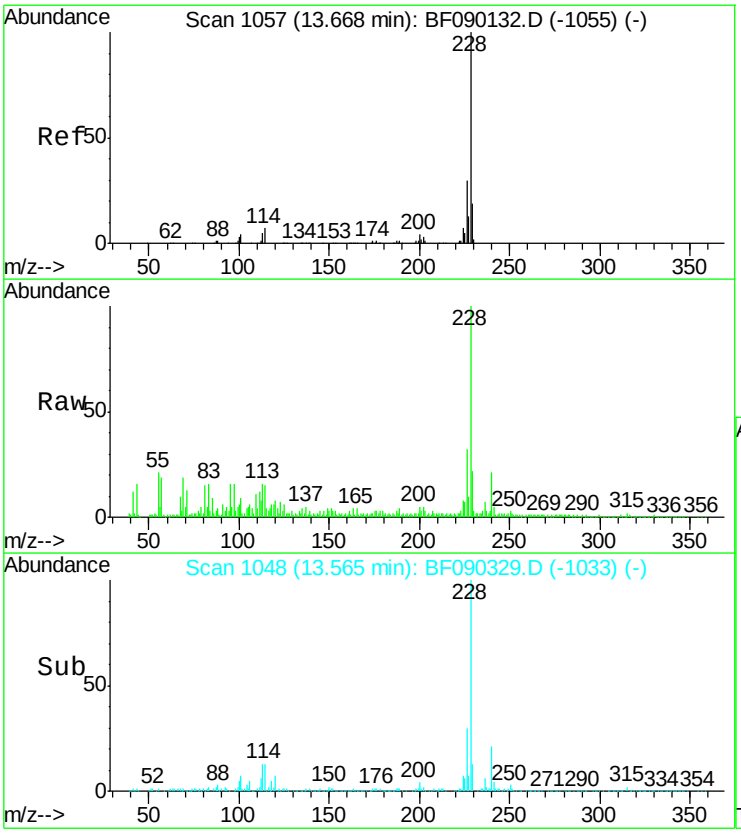
#80
Benzo(a)anthracene
Concen: 14.63 ng
RT: 13.57 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:228 Resp: 176807

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.0	33.0
229	22.4	16.2	24.2

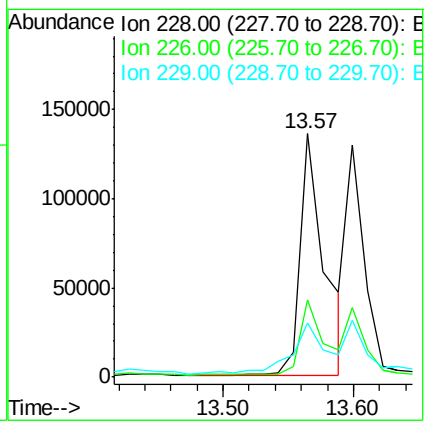


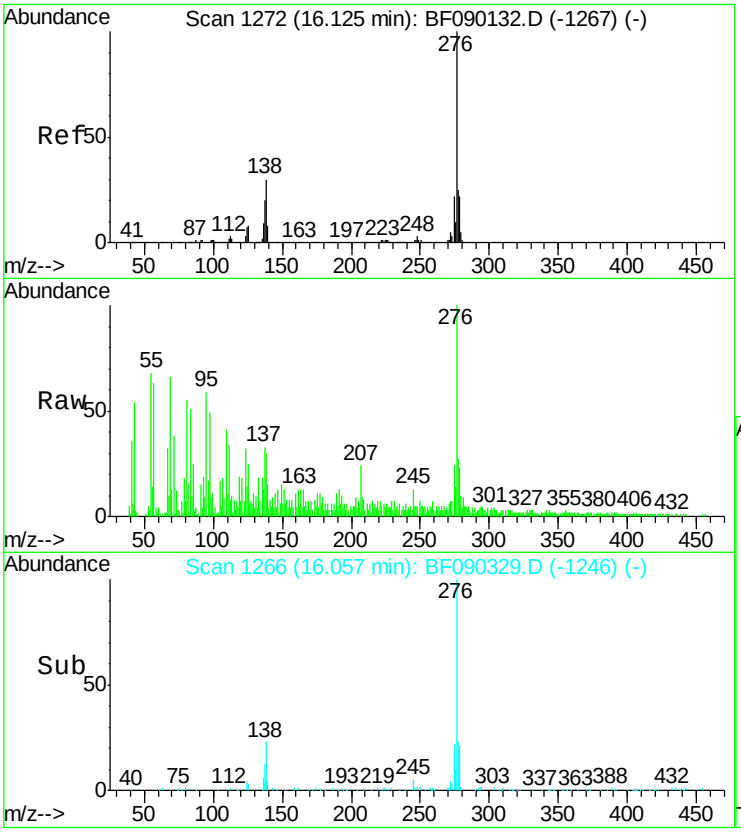


#82
Chrysene
Concen: 15.02 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:228 Resp: 176807

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	22.4	16.2	24.4



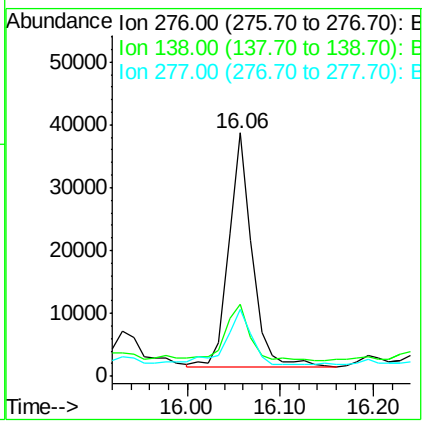


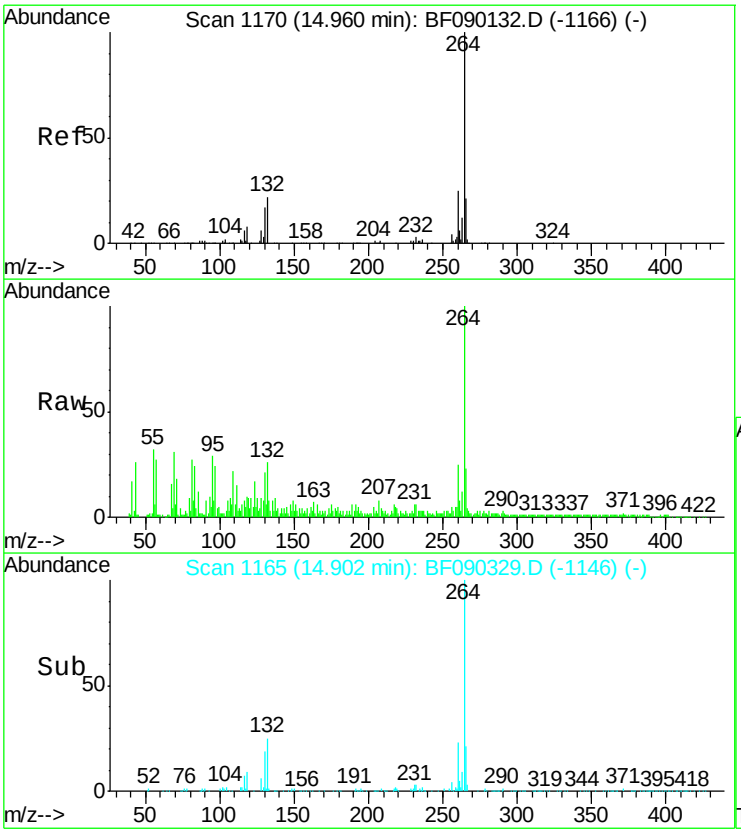
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.82 ng
RT: 16.06 min Scan# 1266
Delta R.T. 0.03 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:276 Resp: 64887

Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.9	38.9#
277	26.0	19.9	29.9

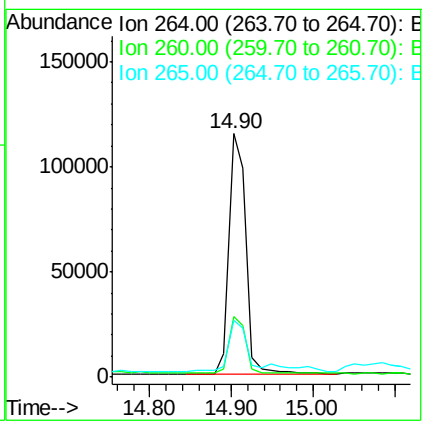


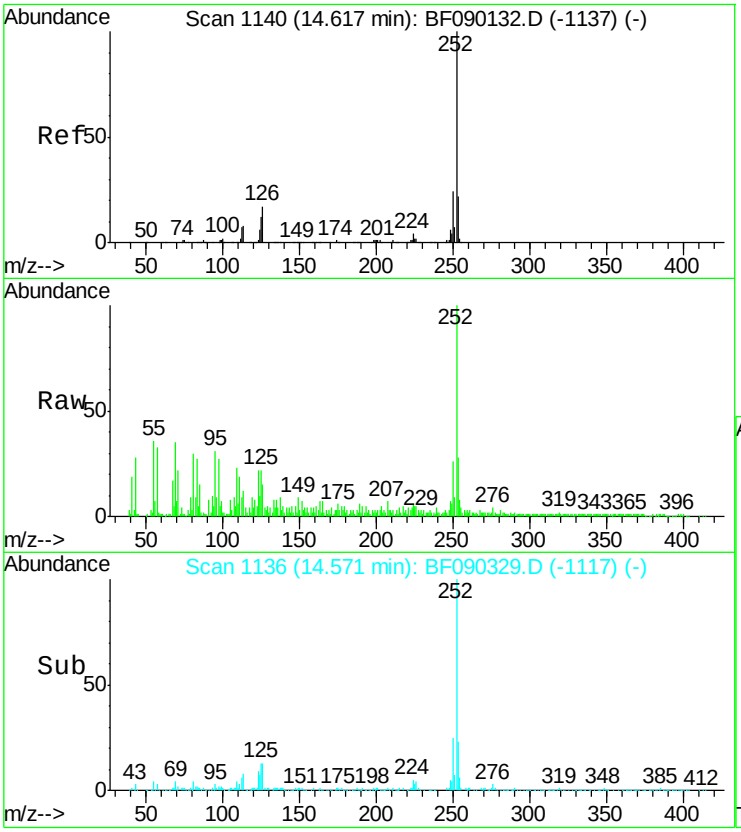


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. 0.02 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:264 Resp: 166595

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	23.3	17.0	25.4



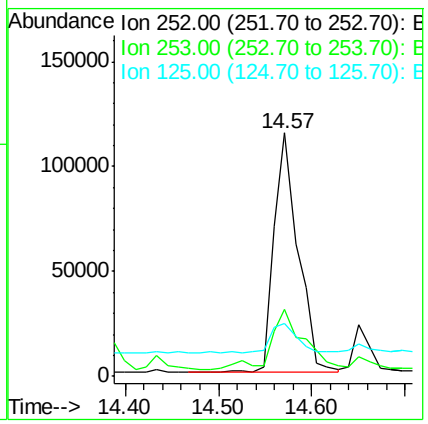


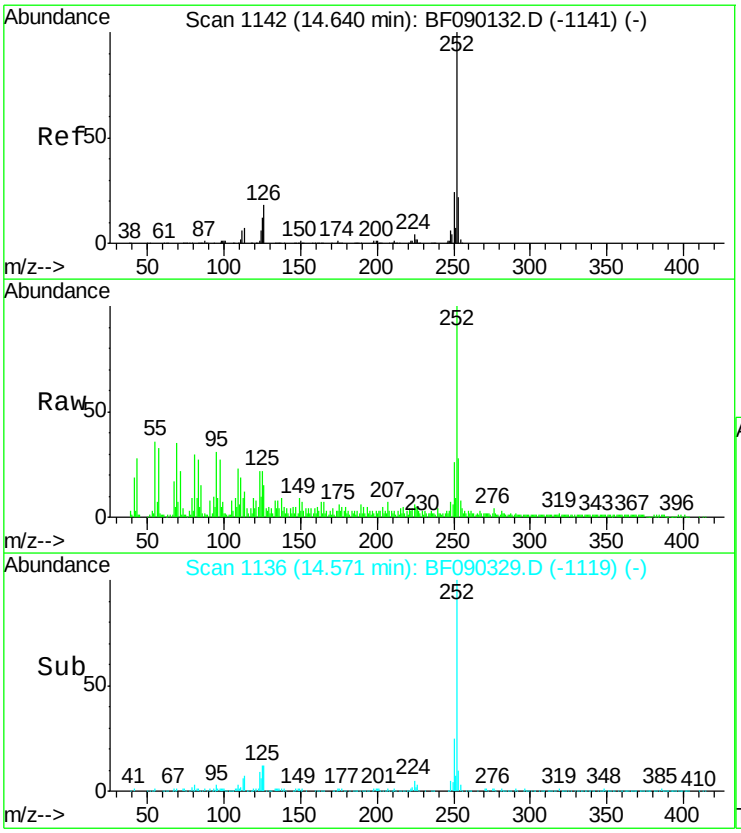
#87
Benzo(b)fluoranthene
Concen: 22.23 ng
RT: 14.57 min Scan# 1136
Delta R.T. 0.02 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:252 Resp: 205072

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.9	26.9#
125	21.6	12.7	19.1#

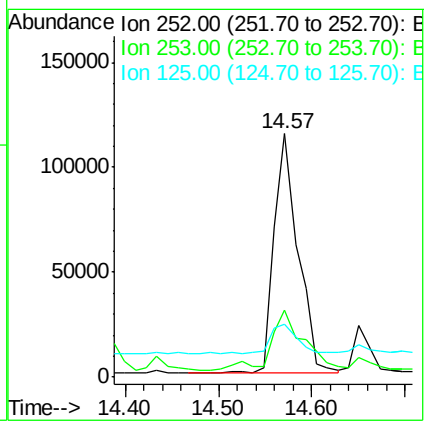


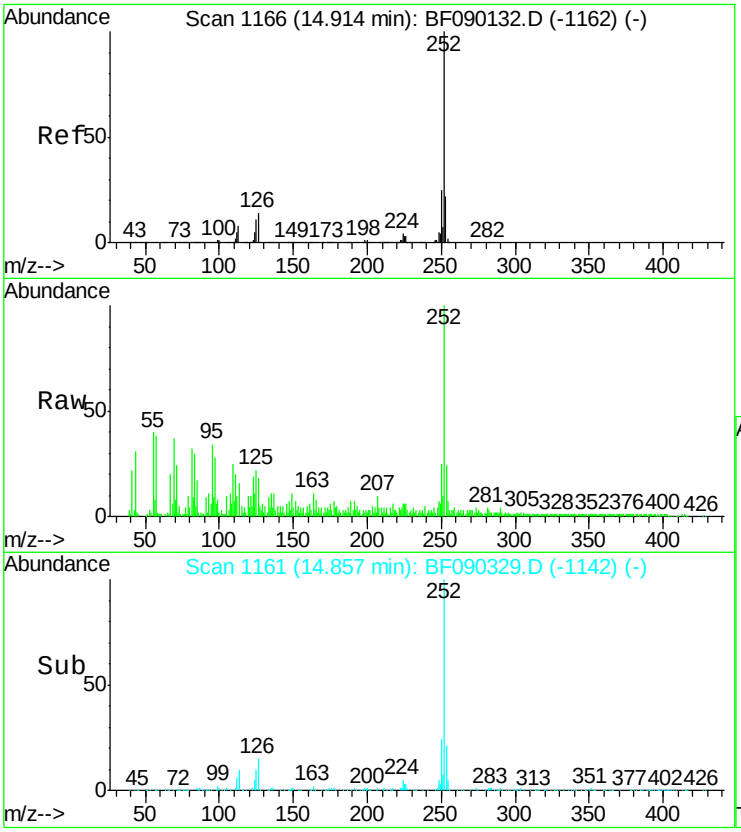


#88
Benzo(k)fluoranthene
Concen: 23.69 ng
RT: 14.57 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:252 Resp: 205072

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.8	26.8#
125	21.6	7.8	11.6#



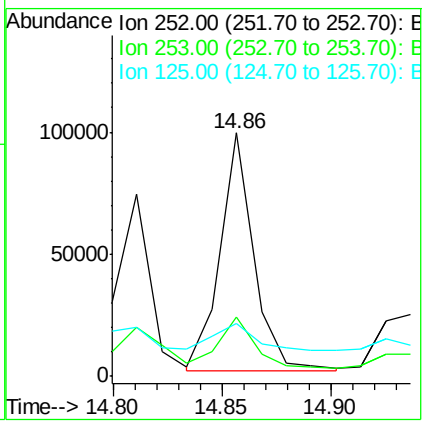


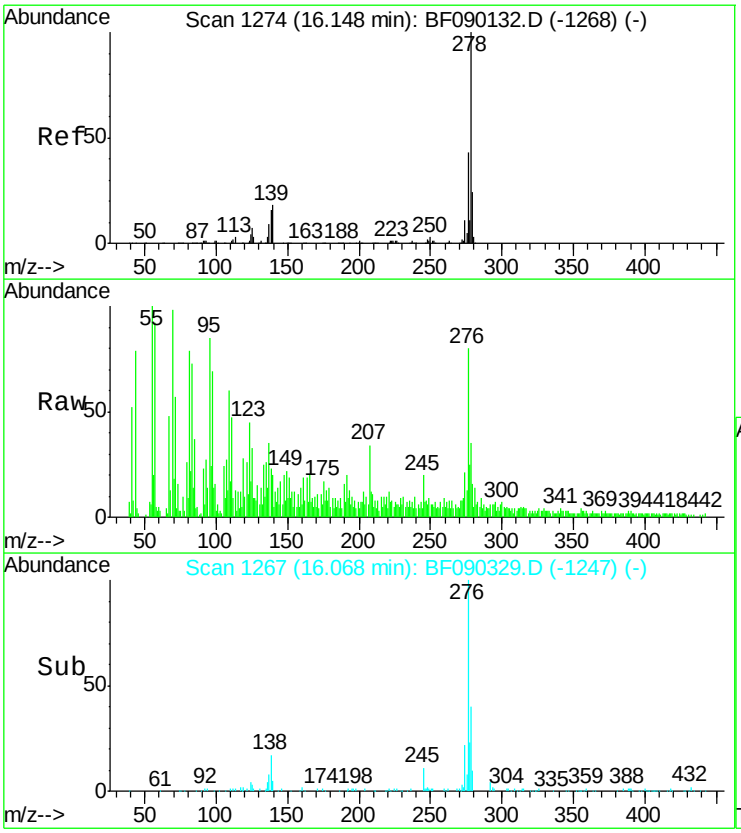
#89
Benzo(a)pyrene
Concen: 12.06 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:252 Resp: 104657

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.0
125	21.9	7.7	11.5#

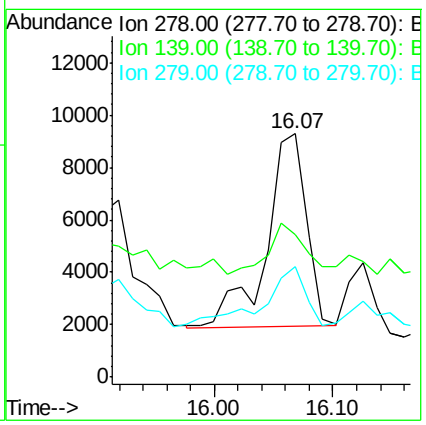


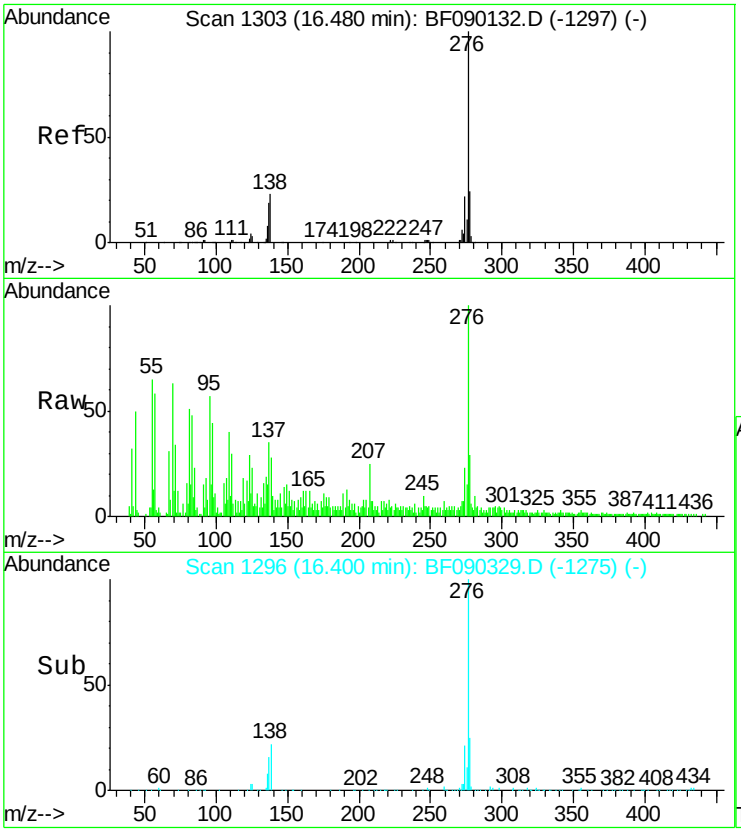


#90
Dibenzo(a,h)anthracene
Concen: 2.55 ng
RT: 16.07 min Scan# 1267
Delta R.T. 0.03 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Tgt Ion:278 Resp: 17239

Ion	Ratio	Lower	Upper
278	100		
139	58.7	14.6	21.8#
279	45.5	18.8	28.2#





#91
Benzo(g,h,i)perylene
Concen: 9.78 ng
RT: 16.40 min Scan# 1296
Delta R.T. 0.05 min
Lab File: BF090329.D
Acq: 30 Sep 2016 23:05

Instrument :
BNA_F
ClientSampleId :
S-10

Tgt Ion:276 Resp: 64839

Ion	Ratio	Lower	Upper
276	100		
277	28.6	18.9	28.3#
138	28.4	23.3	34.9