Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088321.D
Acq On : 24 Jun 2016 8:04
Operator : UM/SJ
Sample : H3683-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

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Quant Time: Jun 24 13:11:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	78351m	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	318304	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	142705	20.00	ng		-0.02
63) Phenanthrene-d10	11.11	188	234364	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	117782	20.00	ng		0.01
86) Perylene-d12	15.12	264	175931	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	682208	148.85	ng		0.01
7) Phenol-d6	6.27	99	842711	151.72	ng		0.01
23) Nitrobenzene-d5	7.16	82	479302	87.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	173327	115.03	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	831342	91.97	ng		-0.01
78) Terphenyl-d14	12.70	244	623968	120.55	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.91	128	63700	4.04	ng		99
48) Acenaphthylene	9.48	152	630780	42.94	ng		100
49) Dimethylphthalate	9.36	163	176717	17.10	ng		99
70) Phenanthrene	11.13	178	442636	35.99	ng		98
71) Anthracene	11.19	178	752996	60.70	ng		98
72) Carbazole	11.35	167	94694	8.16	ng		99
74) Fluoranthene	12.34	202	2894712	223.04	ng		95
77) Pyrene	12.57	202	2643007	302.40	ng		98
80) Benzo(a)anthracene	13.75	228	2321890	345.94	ng	#	81
82) Chrysene	13.79	228	1237425m	195.97	ng		
83) Bis(2-ethylhexyl)phthalate	13.74	149	10997	2.34	ng	#	68
85) Indeno(1,2,3-cd)pyrene	16.39	276	1056815	180.14	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	2545938m	207.62	ng		
88) Benzo(k)fluoranthene	14.78	252	564005m	60.97	ng		
89) Benzo(a)pyrene	15.09	252	1768770m	178.29	ng		
90) Dibenzo(a,h)anthracene	16.38	278	280020	30.39	ng		93
91) Benzo(g,h,i)perylene	16.77	276	863553	91.11	ng		98

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

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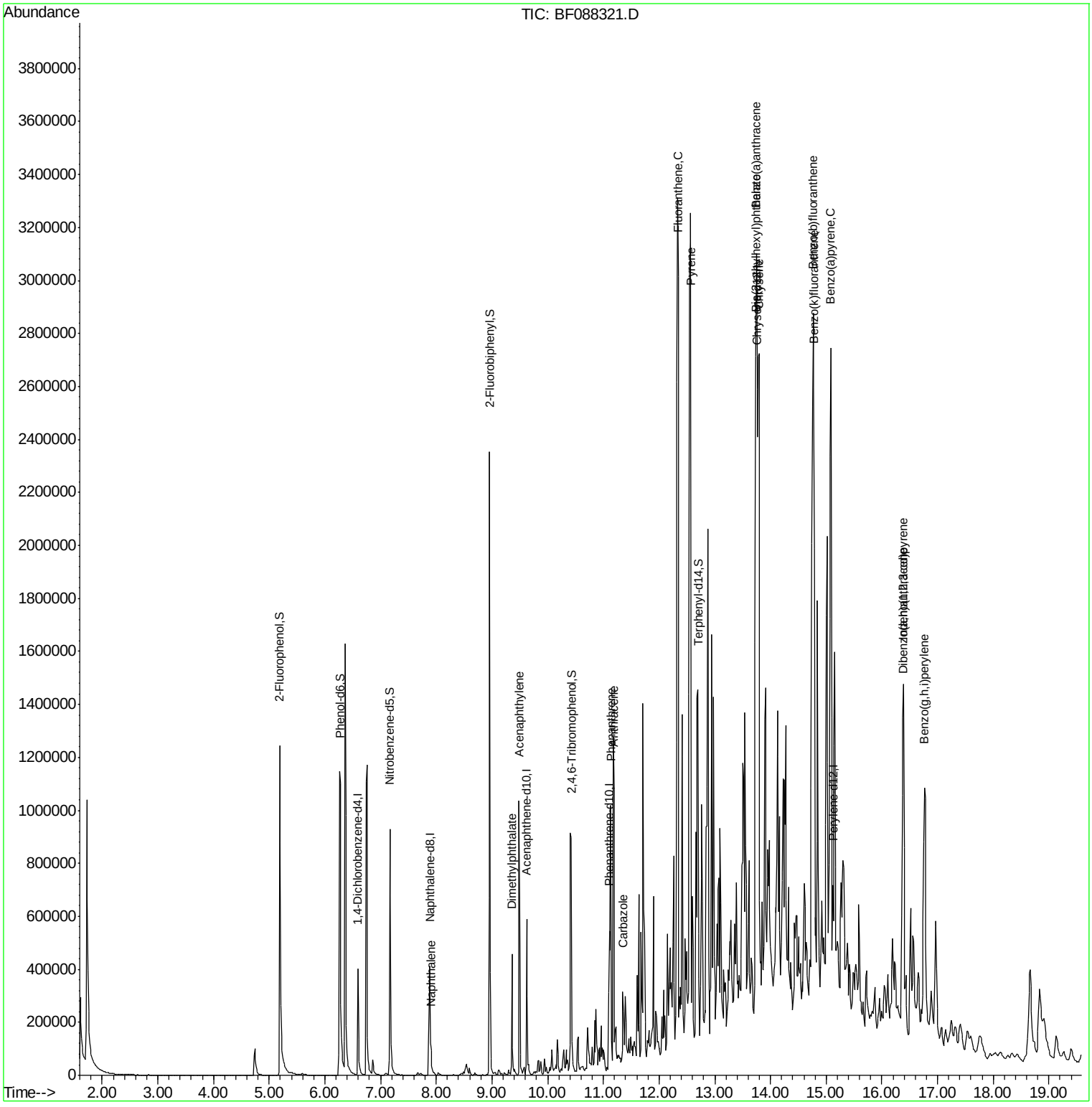
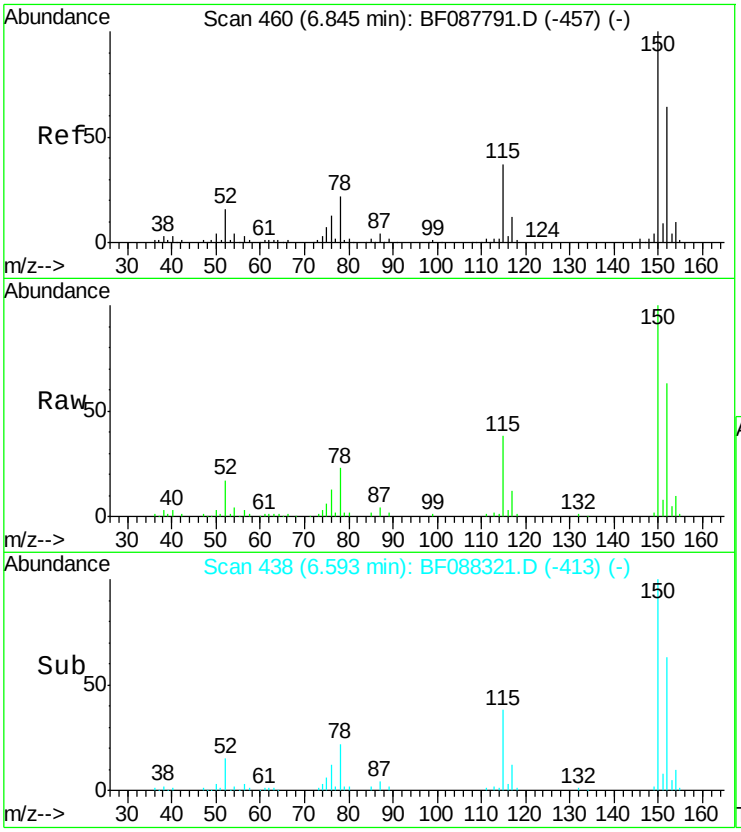
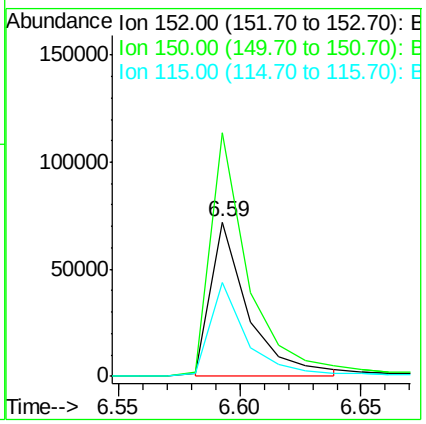




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:152 Resp: 78351

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.8	185.6
115	60.7	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
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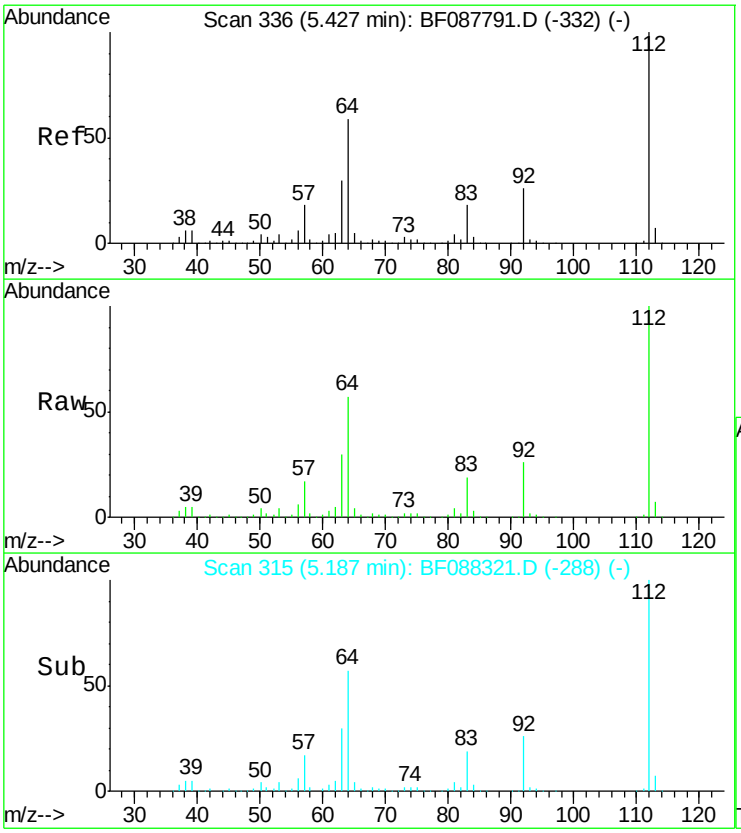
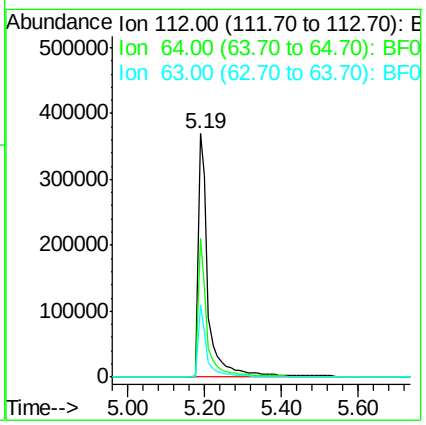
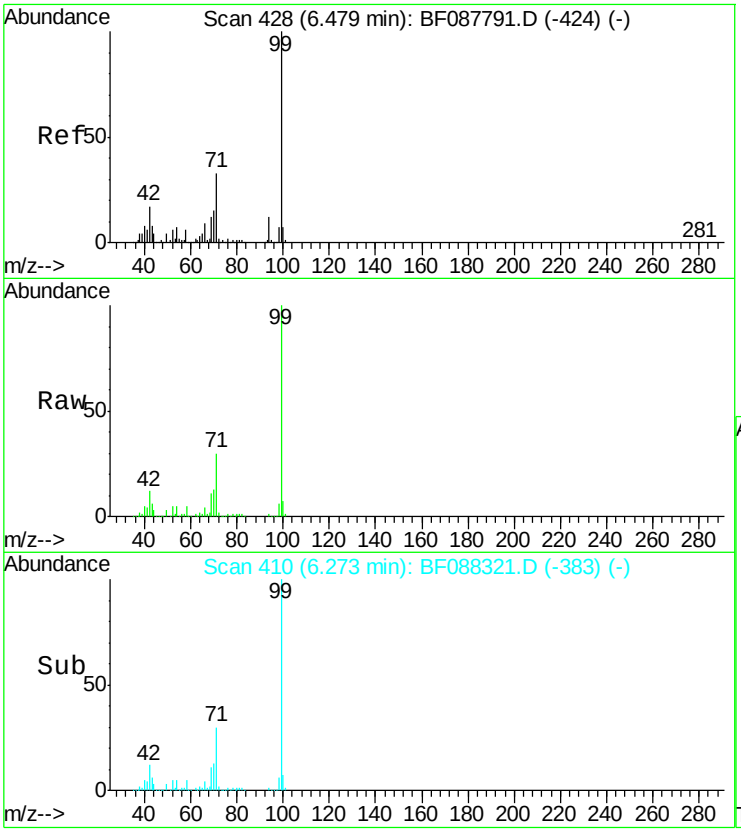


#5
2-Fluorophenol
Concen: 148.85 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:112 Resp: 682208

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.2	63.2
63	29.6	21.8	32.8

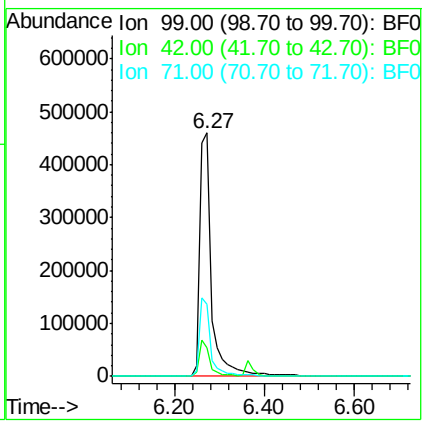




#7
Phenol-d6
Concen: 151.72 ng
RT: 6.27 min Scan# 410
Delta R.T. 0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion: 99 Resp: 842711

Ion	Ratio	Lower	Upper
99	100		
42	11.8	12.2	18.2#
71	29.6	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

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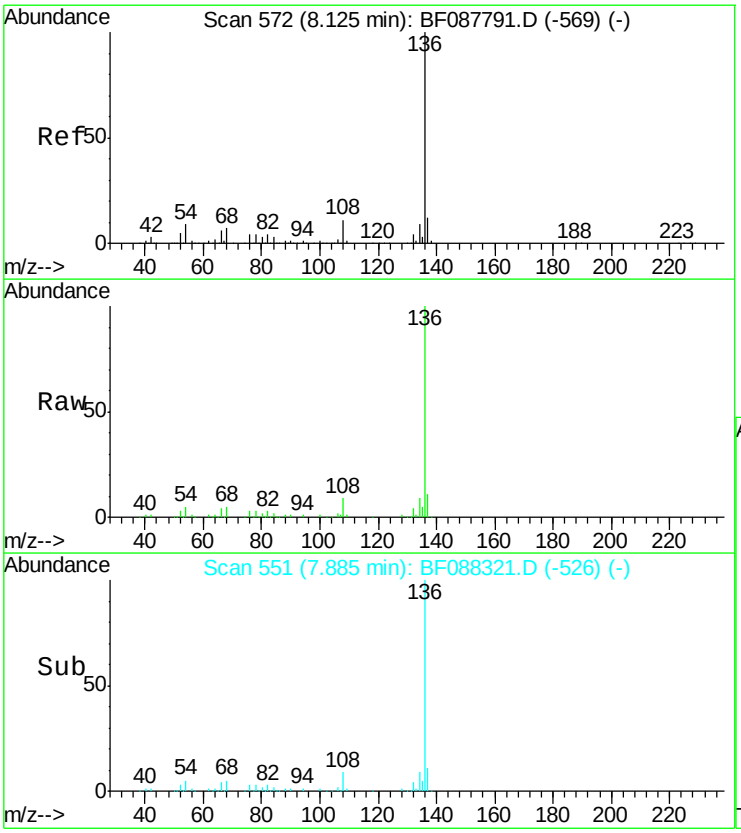
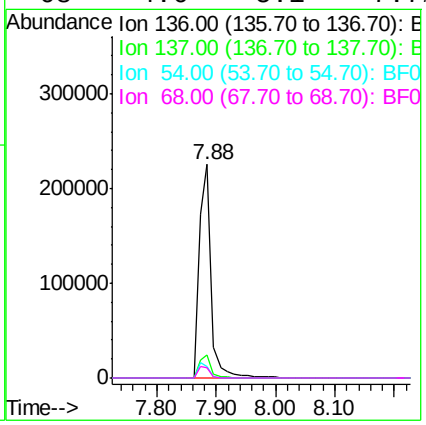
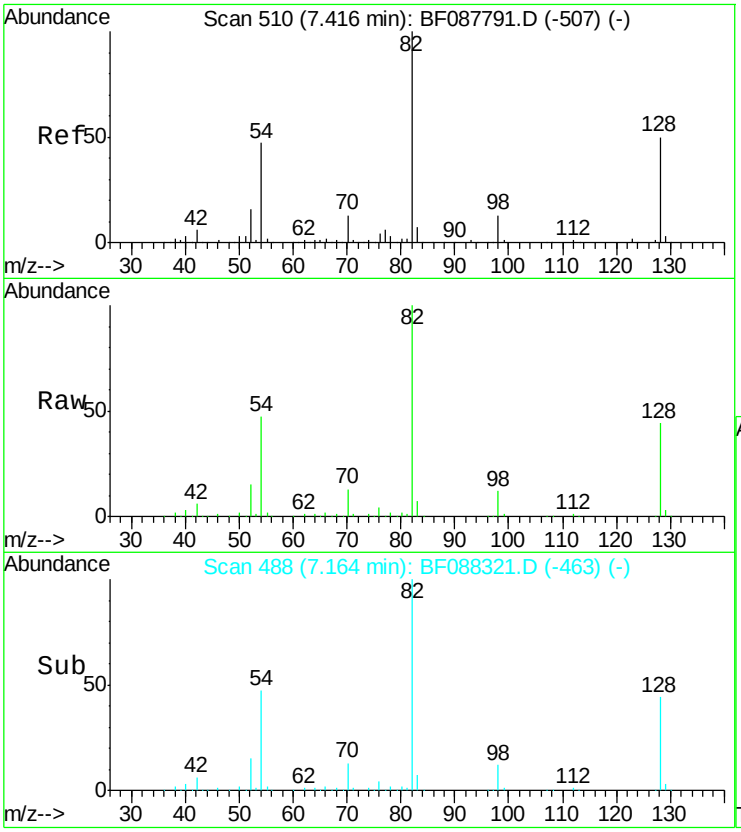


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:136 Resp: 318304

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.1	6.6	10.0#
68	4.6	5.1	7.7#

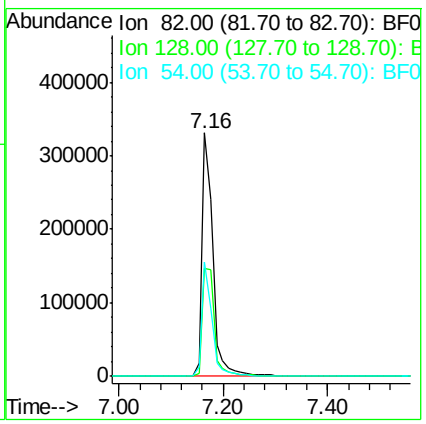




#23
Nitrobenzene-d5
Concen: 87.93 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion: 82 Resp: 479302

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.9	53.9
54	46.8	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

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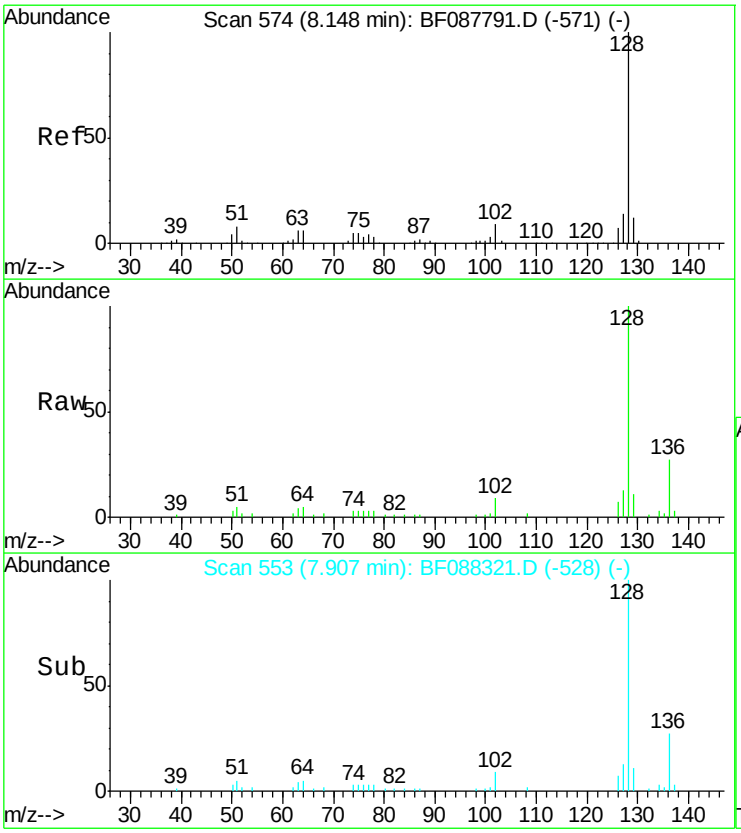
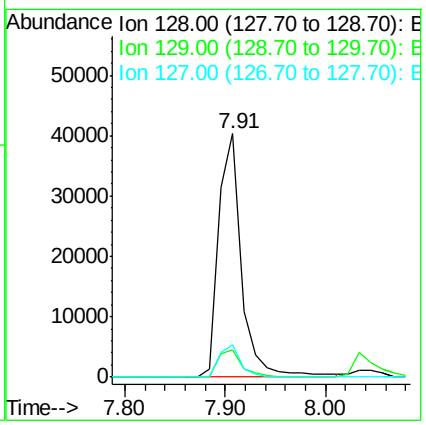
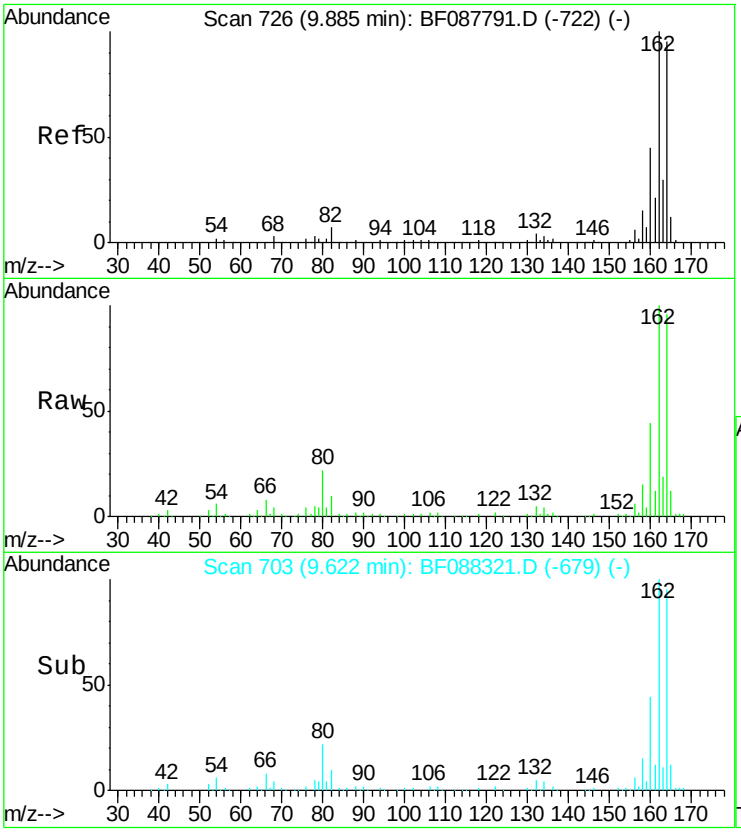


#31
Naphthalene
Concen: 4.04 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:128 Resp: 63700

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.1	10.9	16.3

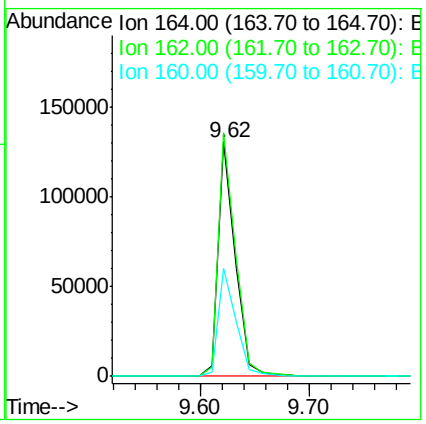




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:164 Resp: 142705

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	46.2	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

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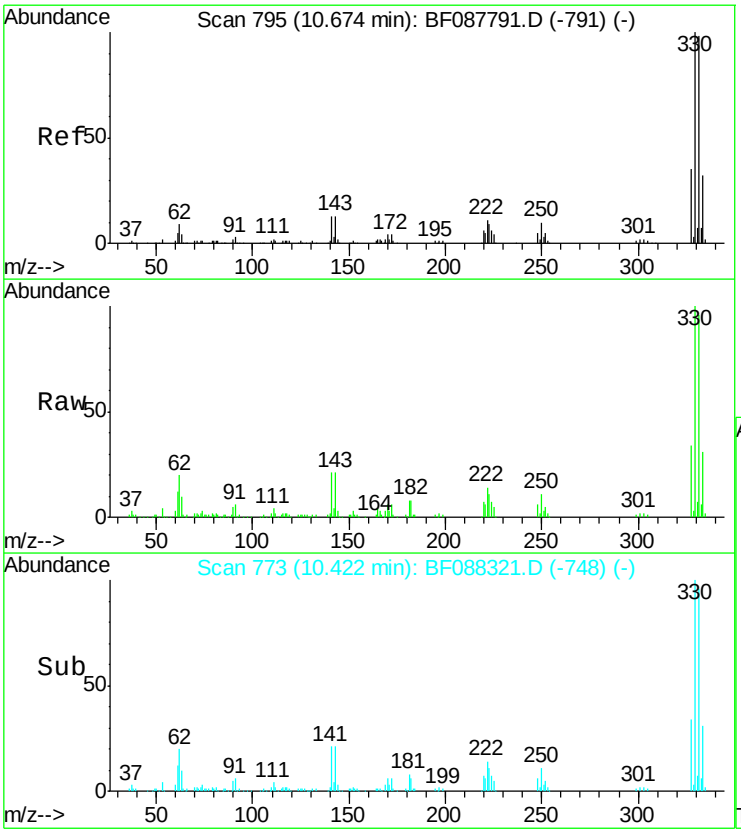
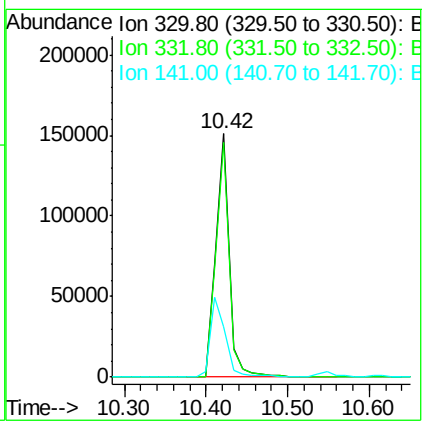
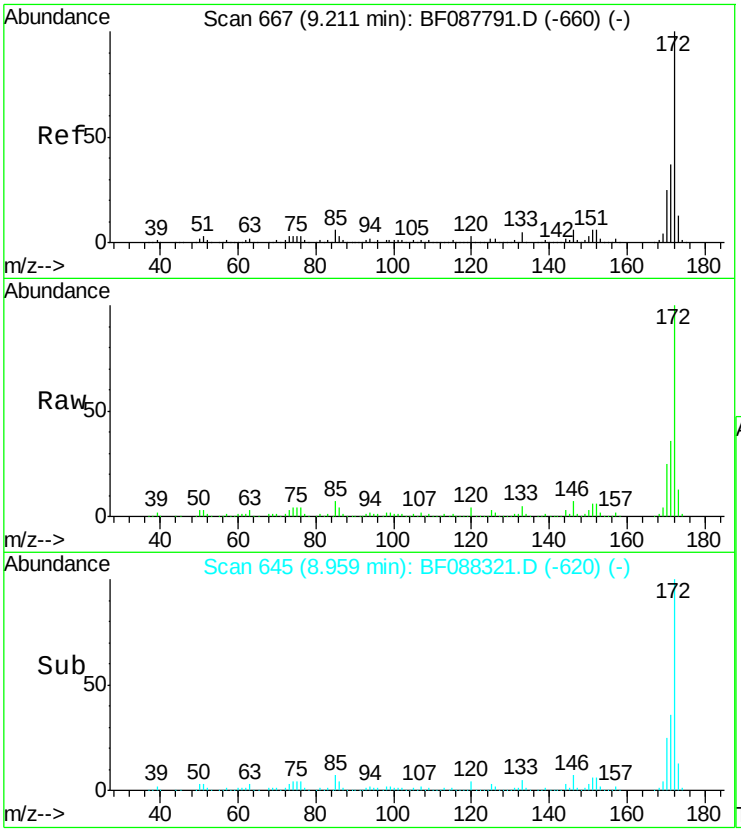


#41
2,4,6-Tribromophenol
Concen: 115.03 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:330 Resp: 173327

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	37.5	0.0	0.0#

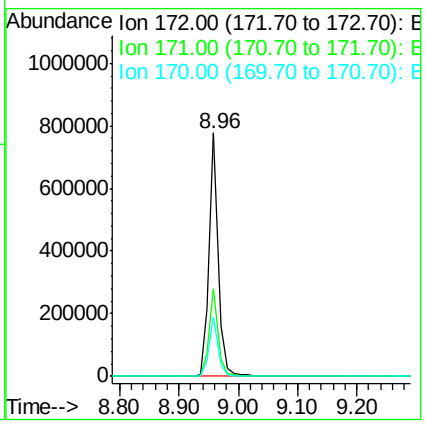




#44
2-Fluorobiphenyl
Concen: 91.97 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:172 Resp: 831342

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.5	19.2	28.8



Instrument :
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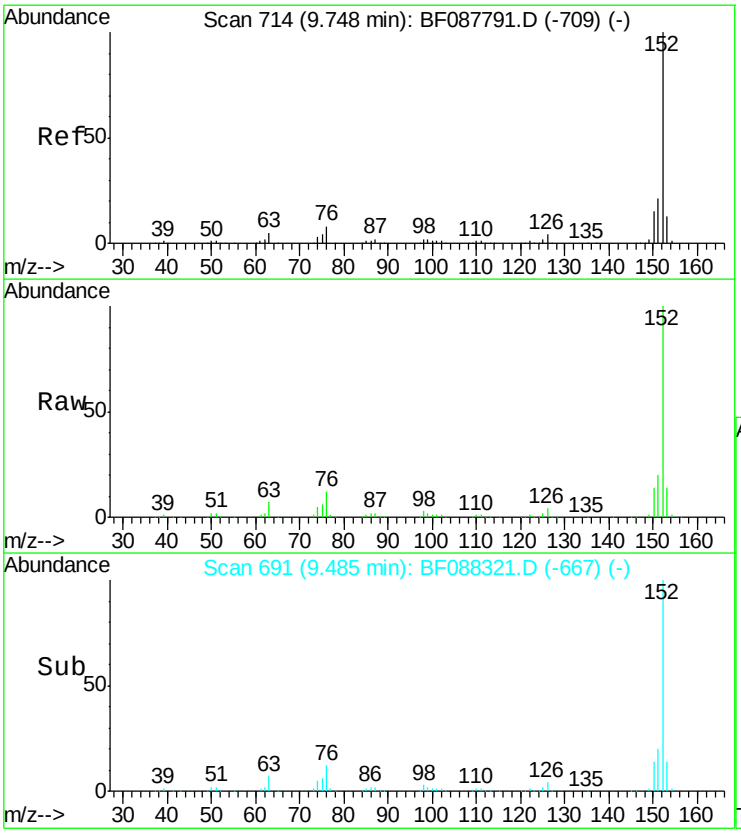
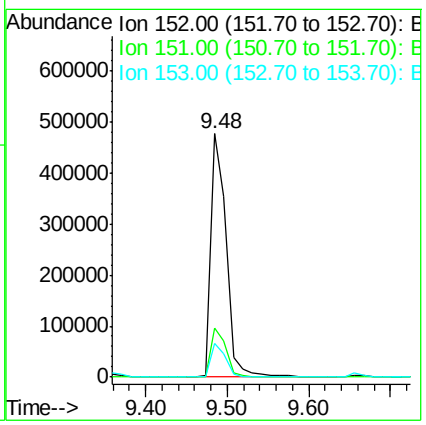
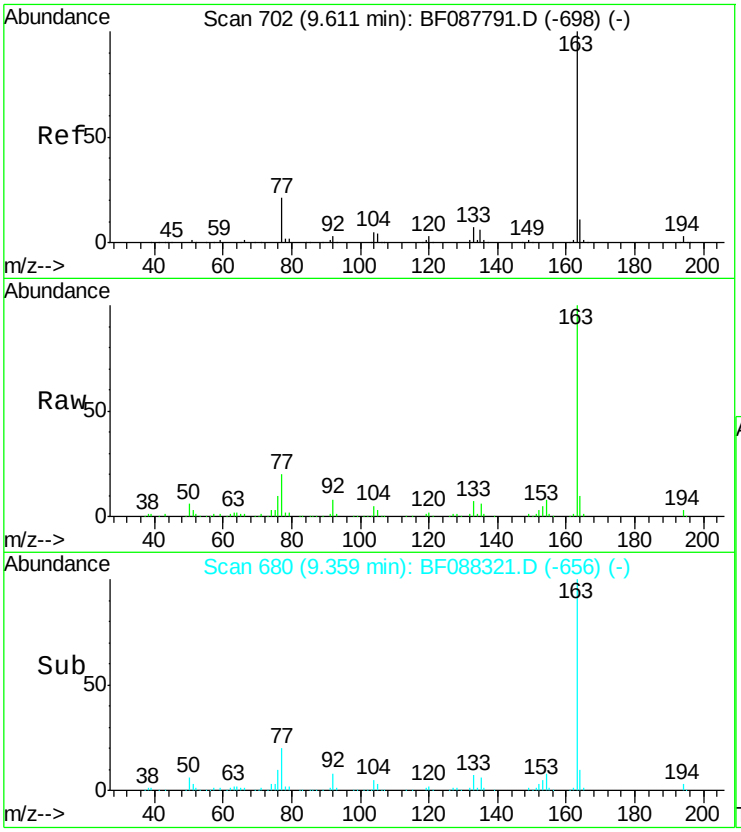


#48
Acenaphthylene
Concen: 42.94 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:152 Resp: 630780

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.8	11.0	16.6

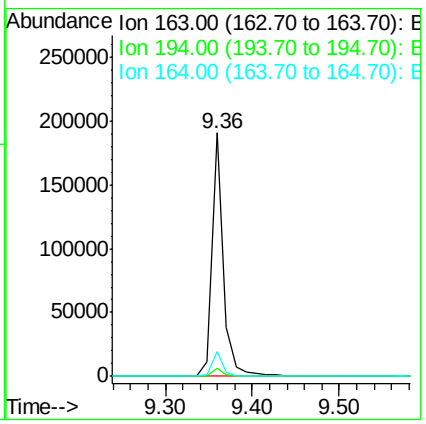




#49
Dimethylphthalate
Concen: 17.10 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:163 Resp: 176717

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.0	8.3	12.5



Instrument :
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ClientSampleId :
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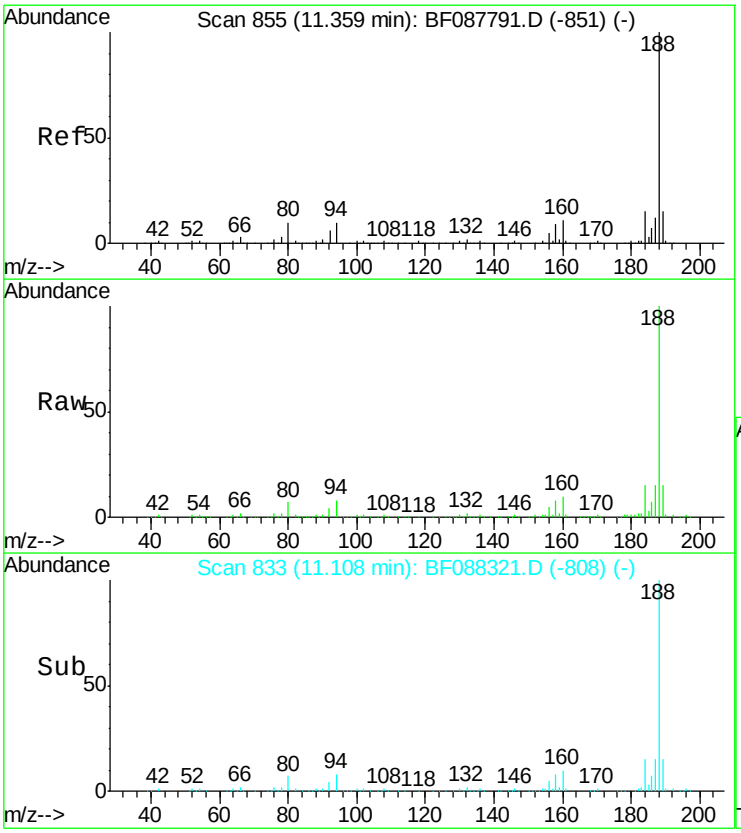
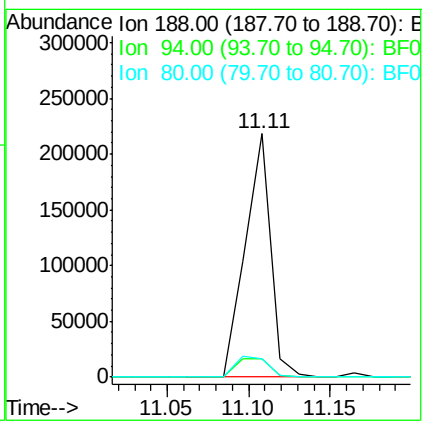
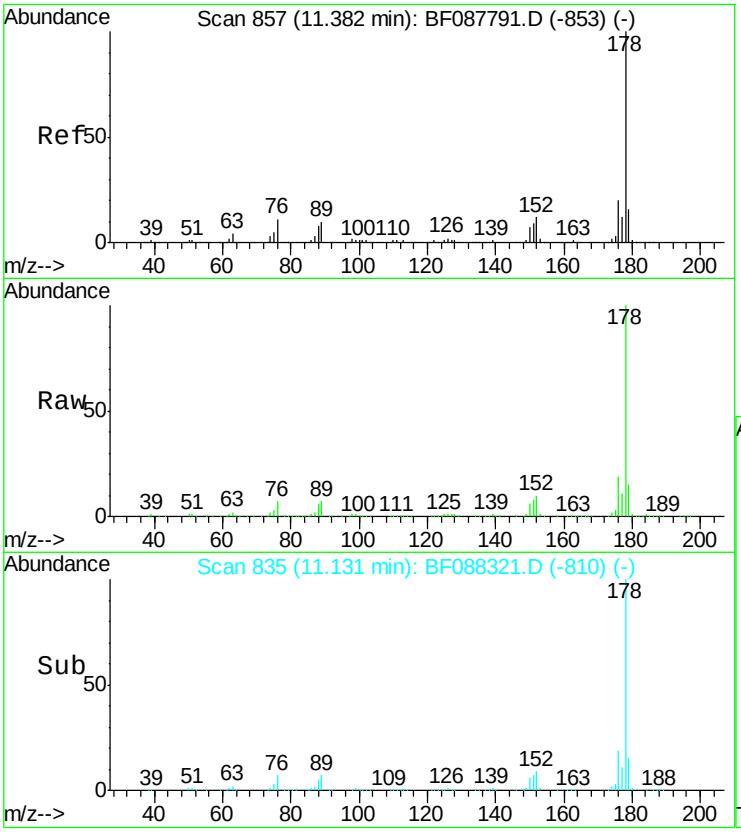


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:188 Resp: 234364

Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	7.4	10.0	15.0#

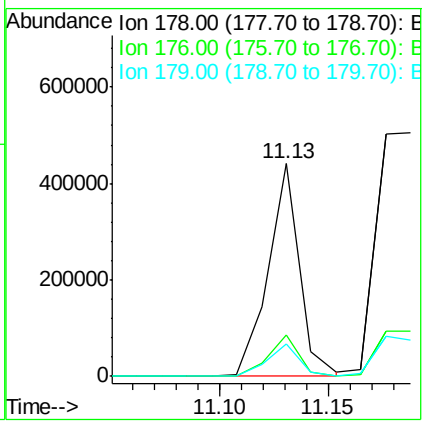




#70
Phenanthrene
Concen: 35.99 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:178 Resp: 442636

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.2	13.0	19.4



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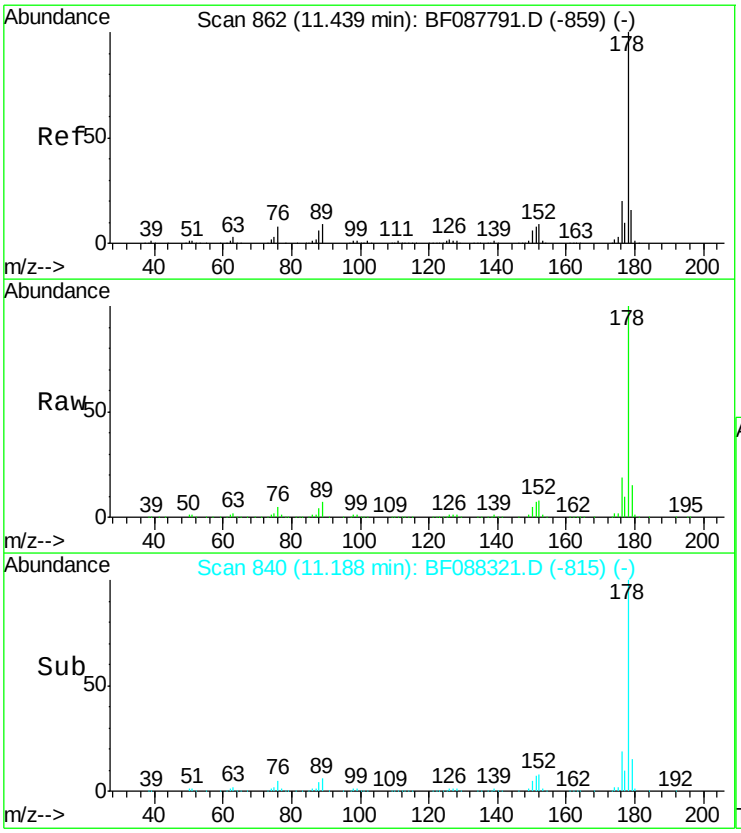
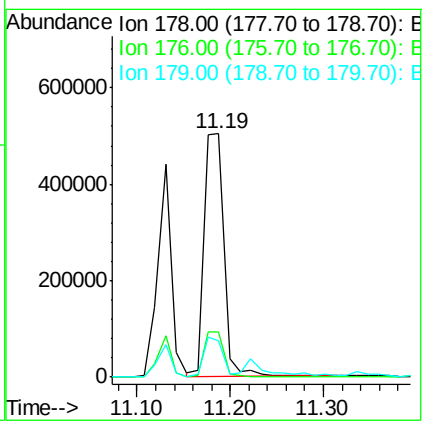
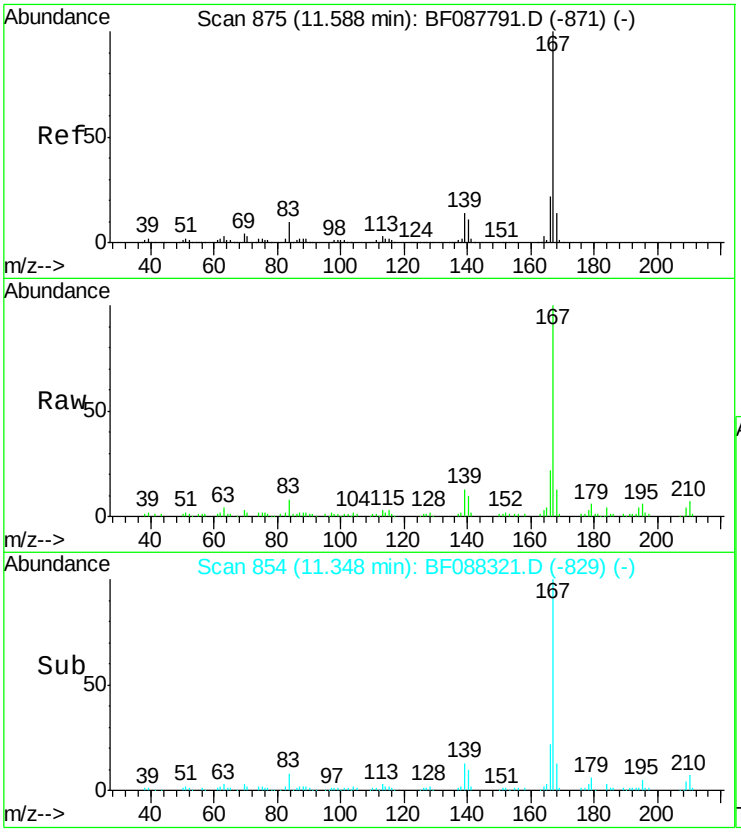


#71
Anthracene
Concen: 60.70 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:178 Resp: 752996

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.0	12.8	19.2

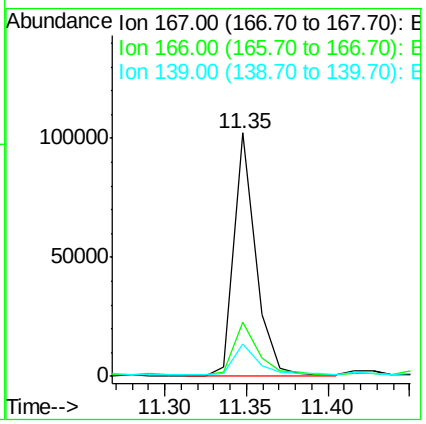




#72
Carbazole
Concen: 8.16 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:167 Resp: 94694

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.1	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

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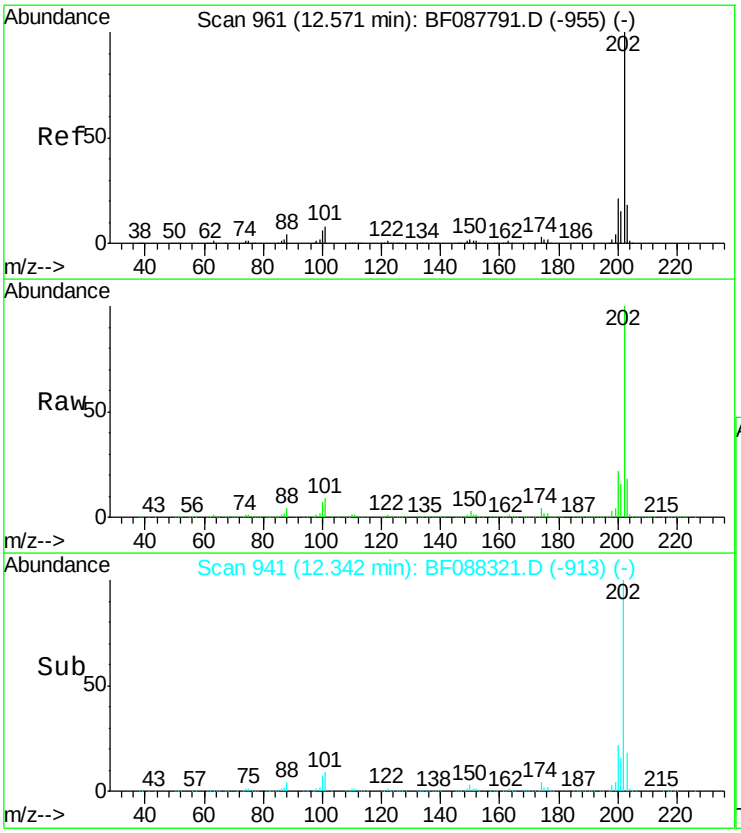
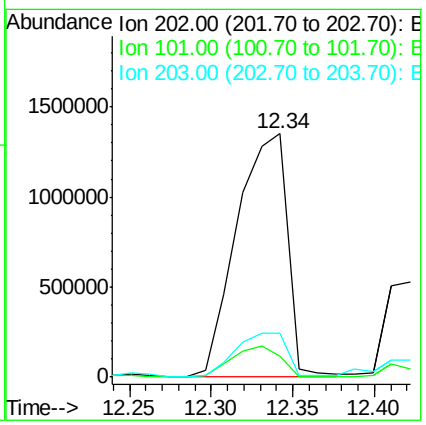
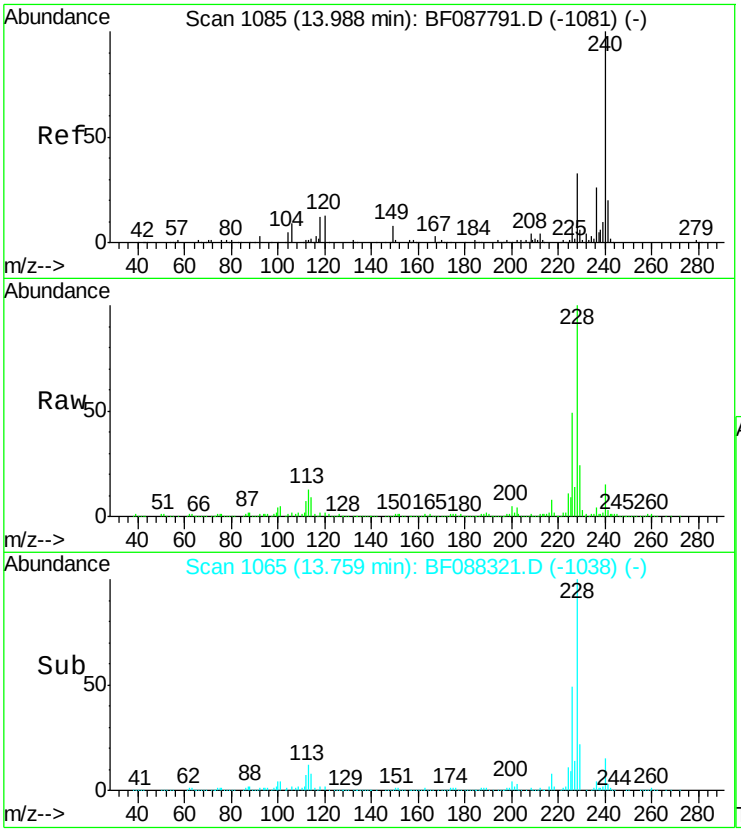


#74
Fluoranthene
Concen: 223.04 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:202 Resp: 2894712

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	33.1
203	18.0	0.0	38.1

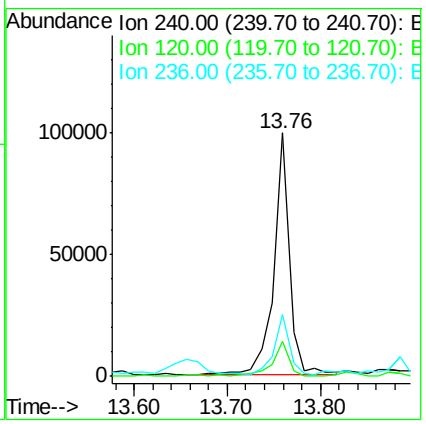




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:240 Resp: 117782

Ion	Ratio	Lower	Upper
240	100		
120	14.3	6.8	10.2#
236	25.5	20.2	30.2



Instrument :
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ClientSampleId :
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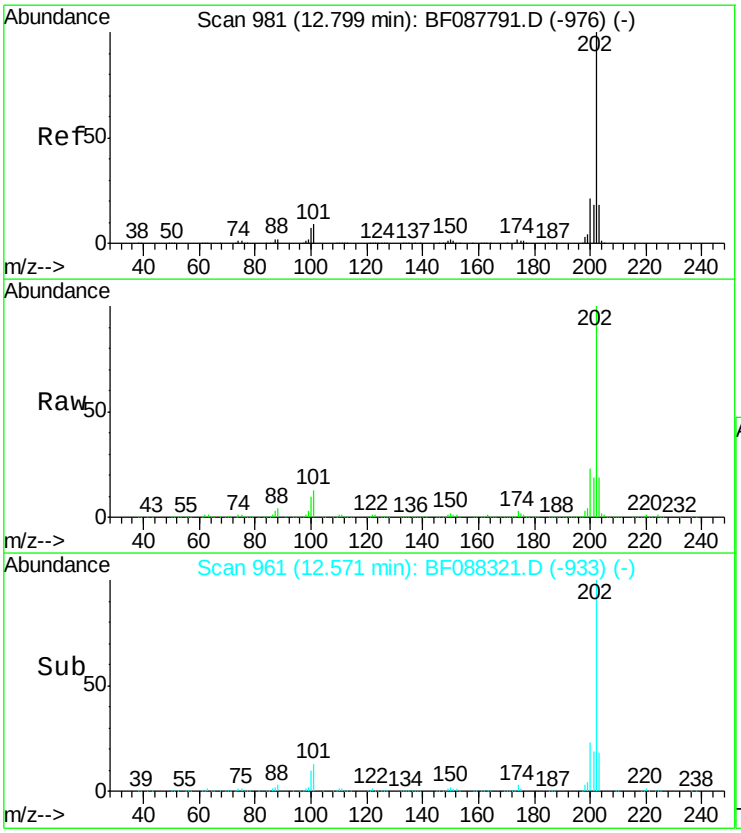
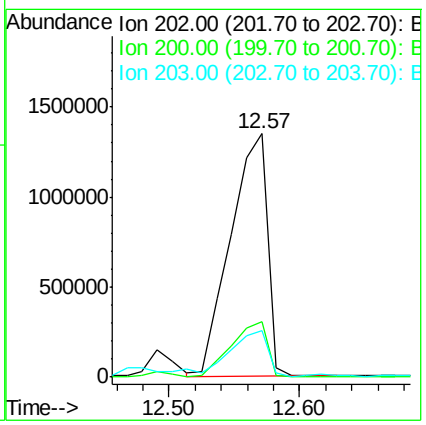
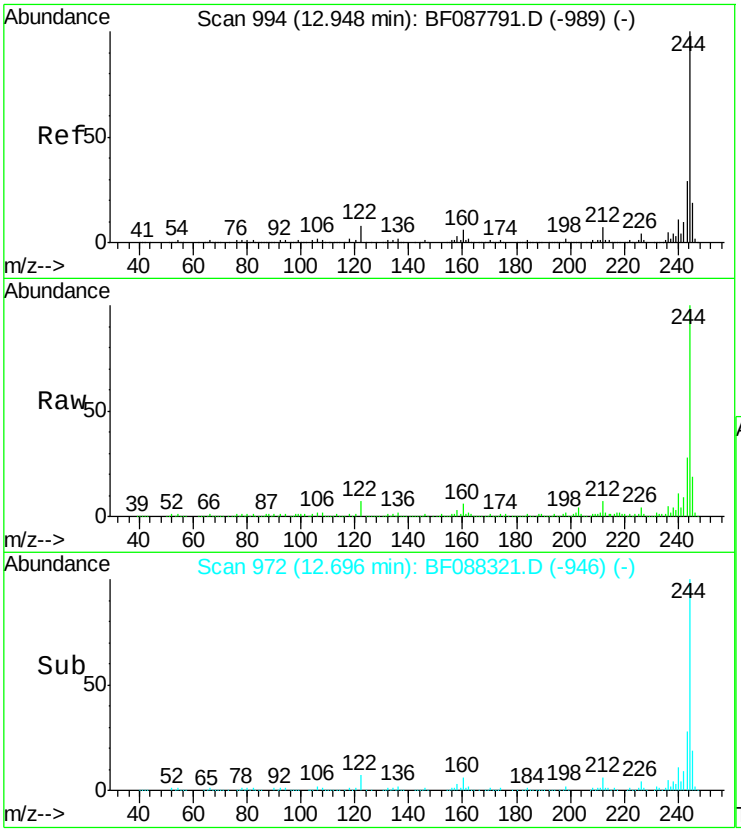


#77
Pyrene
Concen: 302.40 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:202 Resp: 2643007

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	19.3	14.5	21.7





#78
Terphenyl-d14
Concen: 120.55 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:244 Resp: 623968

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	7.4	11.2	16.8#

Instrument :
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ClientSampleId :
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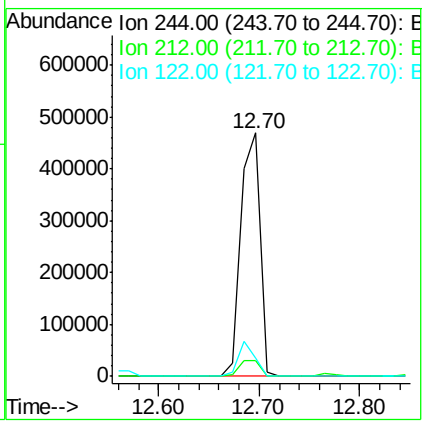
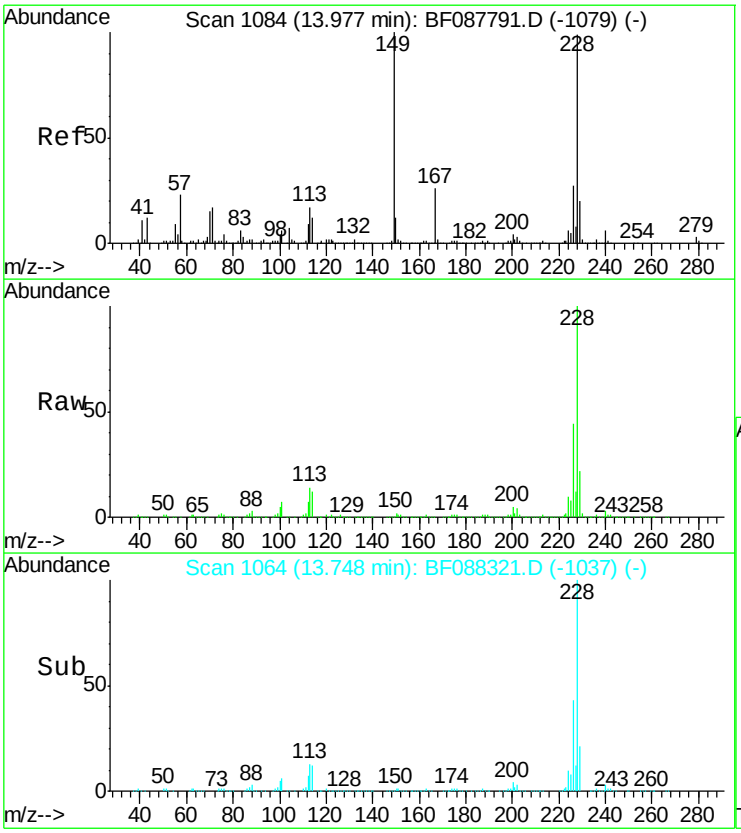
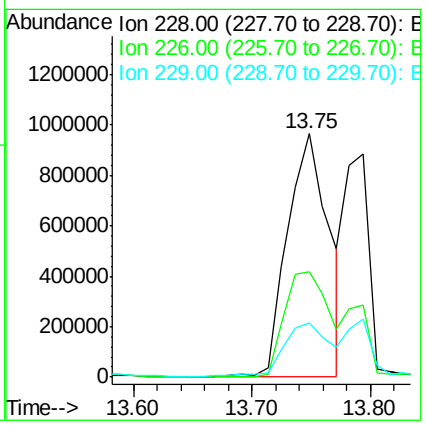


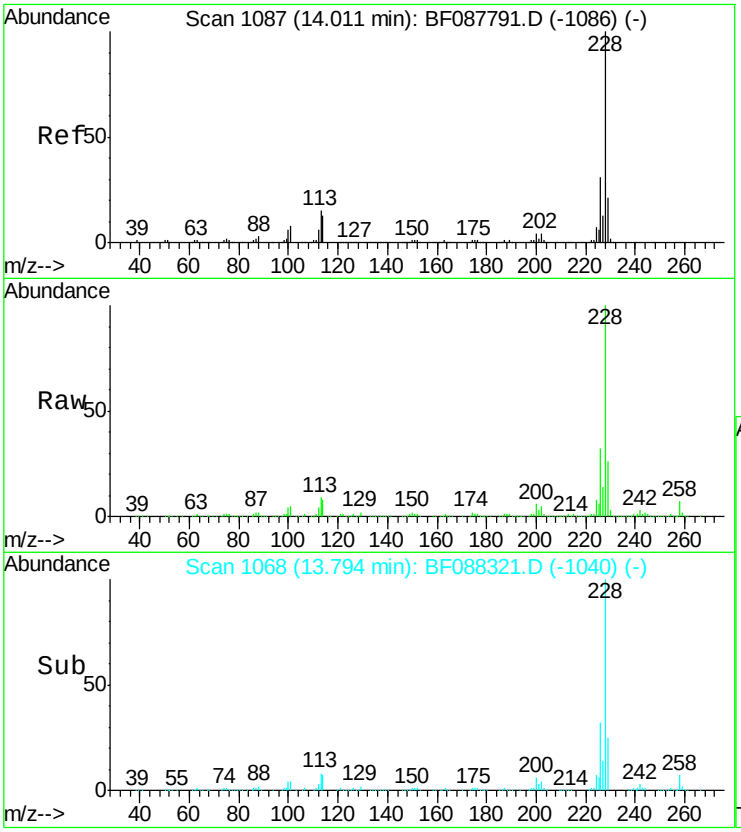


#80
Benzo(a)anthracene
Concen: 345.94 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:228 Resp: 2321890

Ion	Ratio	Lower	Upper
228	100		
226	43.5	22.3	33.5#
229	22.2	16.0	24.0





#82
Chrysene
Concen: 195.97 ng m
RT: 13.79 min Scan# 1068
Delta R.T. 0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:228 Resp: 1237425

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.2
229	25.8	16.3	24.5#

Instrument :
BNA_F
ClientSampleId :
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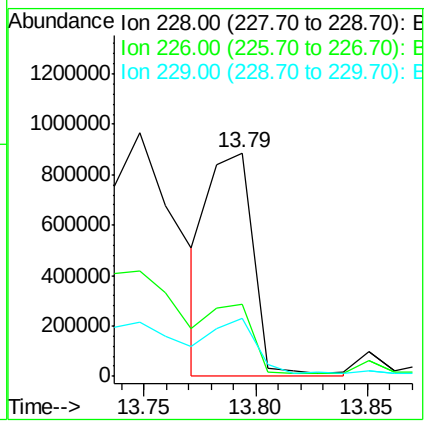
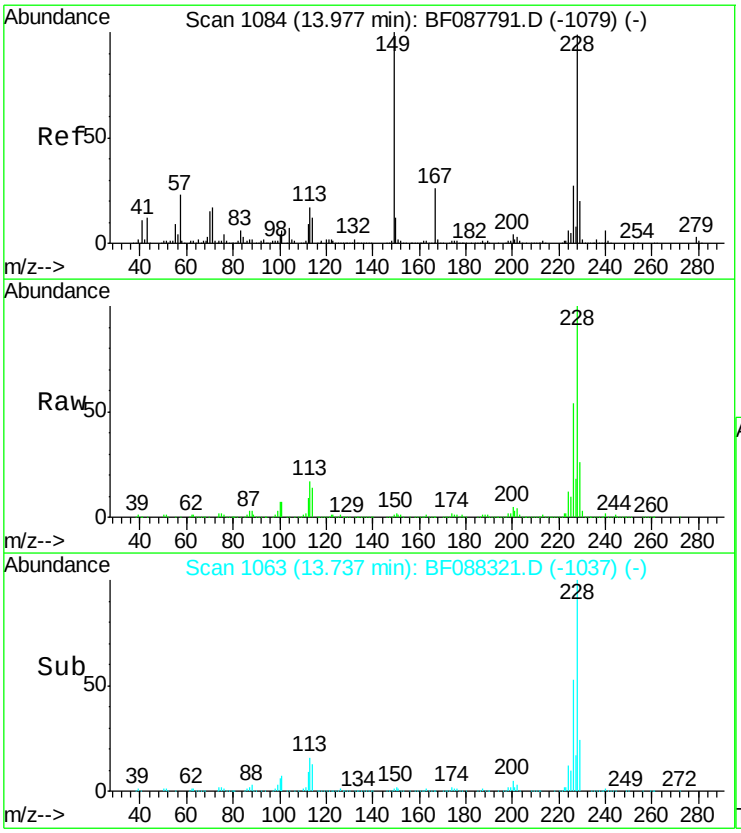
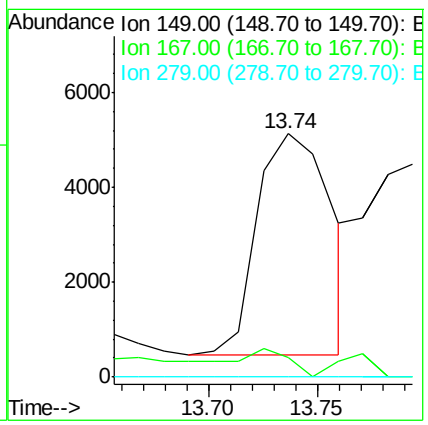


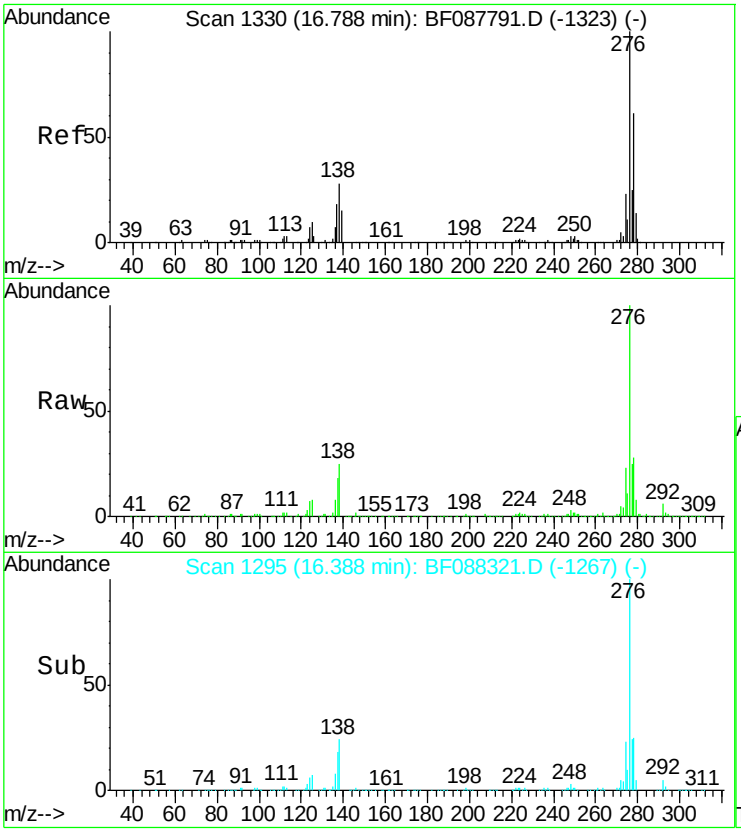


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.34 ng
RT: 13.74 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:149 Resp: 10997

Ion	Ratio	Lower	Upper
149	100		
167	8.0	20.5	30.7#
279	0.0	2.0	3.0#





#85
Indeno(1,2,3-cd)pyrene
Concen: 180.14 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:276 Resp: 1056815

Ion	Ratio	Lower	Upper
276	100		
138	26.8	0.0	0.0#
277	24.0	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
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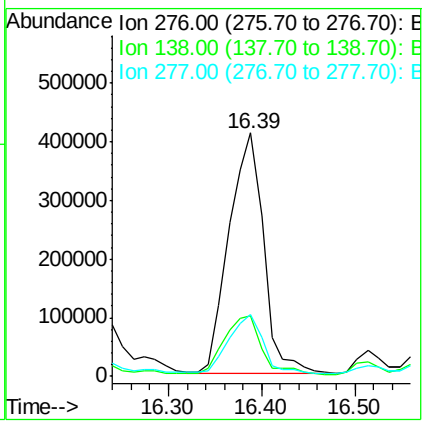
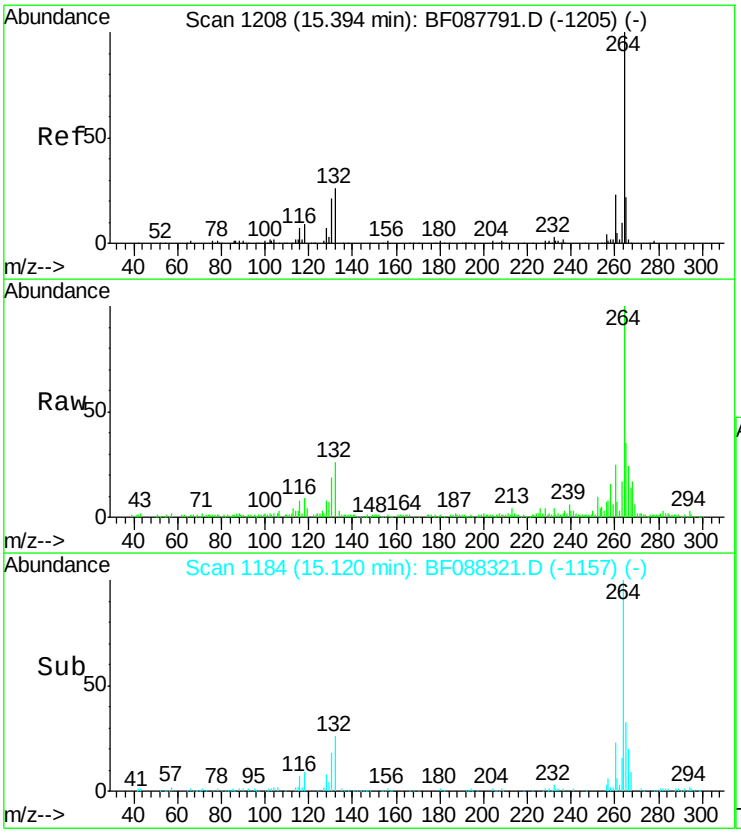
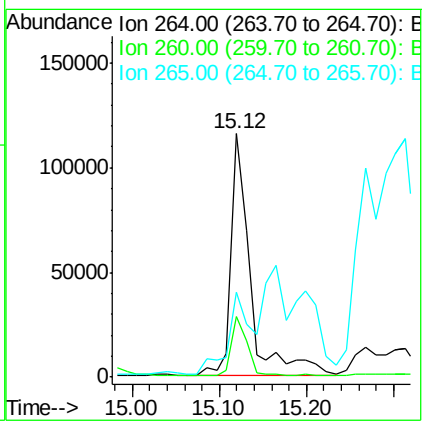


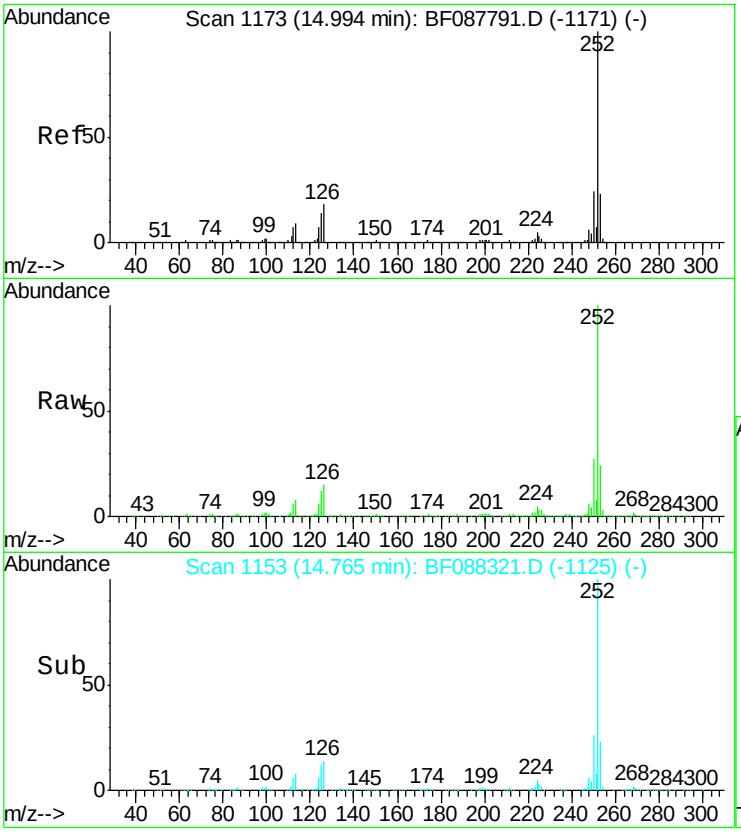


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:264 Resp: 175931

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	35.1	16.9	25.3#

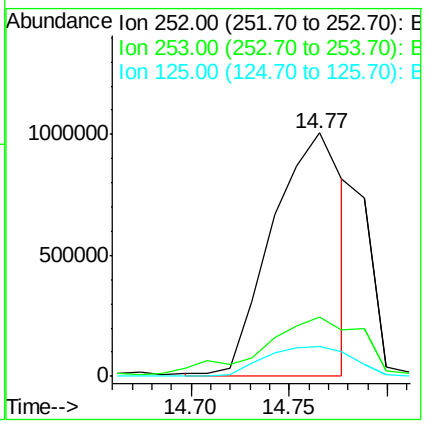




#87
Benzo(b)fluoranthene
Concen: 207.62 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:252 Resp: 2545938

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	12.3	7.1	10.7#



Instrument :
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ClientSampleId :
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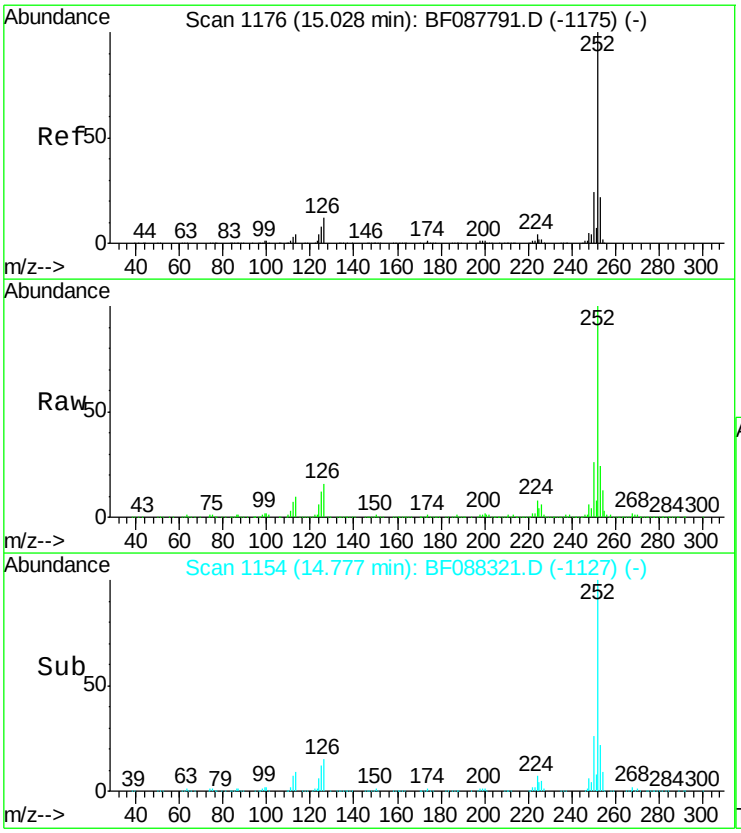
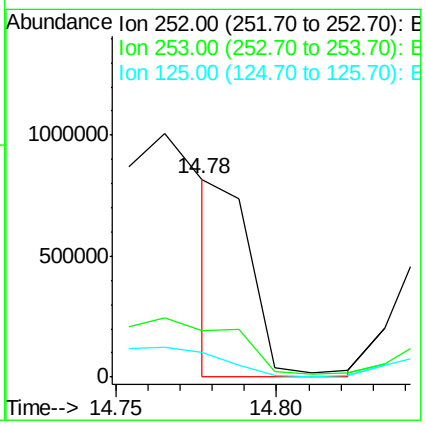
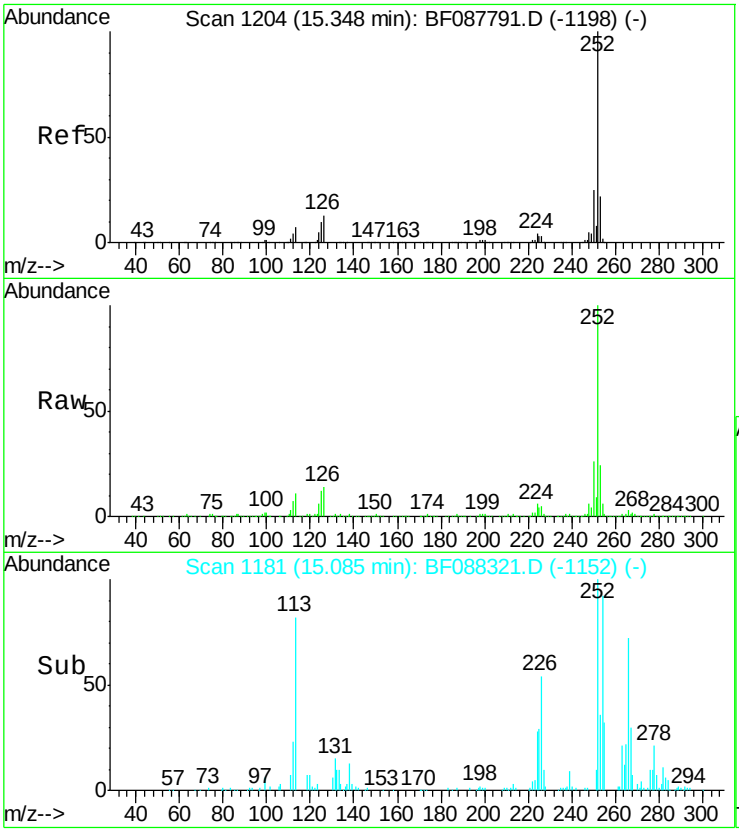


#88
Benzo(k)fluoranthene
Concen: 60.97 ng m
RT: 14.78 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:252 Resp: 564005

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.4	11.2	16.8





#89
Benzo(a)pyrene
Concen: 178.29 ng m
RT: 15.09 min Scan# 1181
Delta R.T. 0.03 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:252 Resp: 1768770

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	11.5	12.5	18.7#

Instrument :
BNA_F
ClientSampleId :
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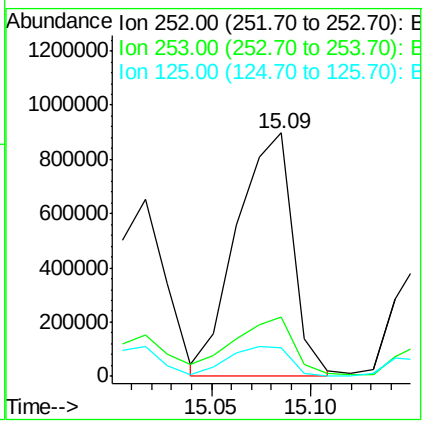
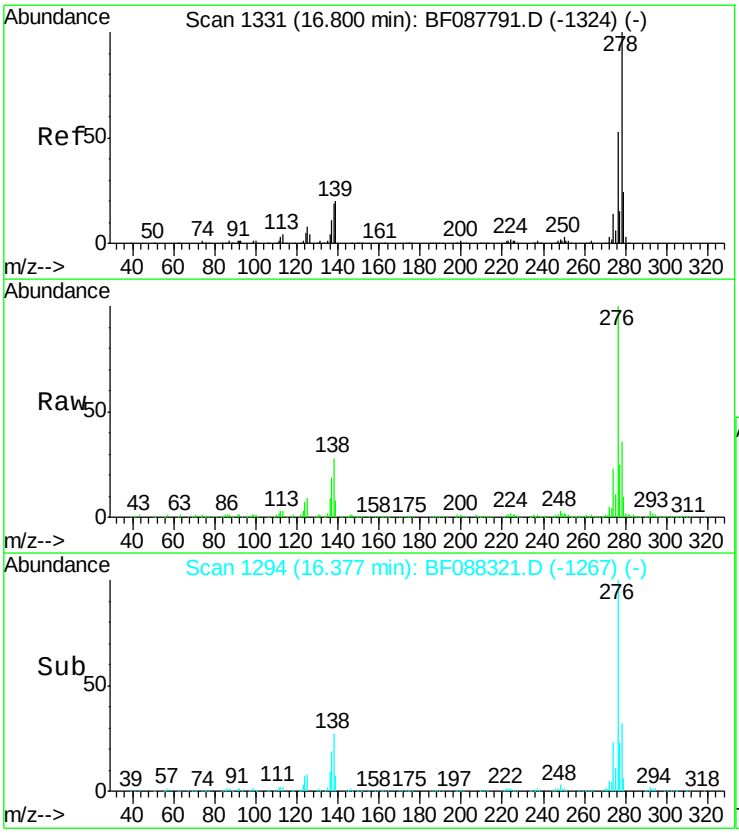
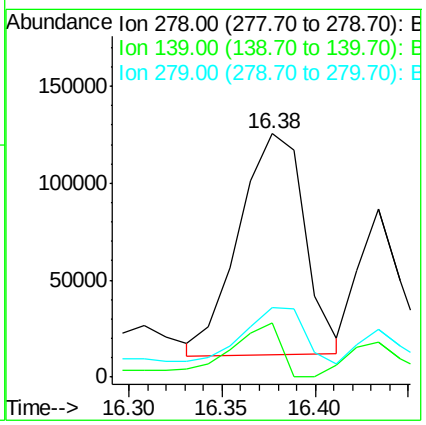


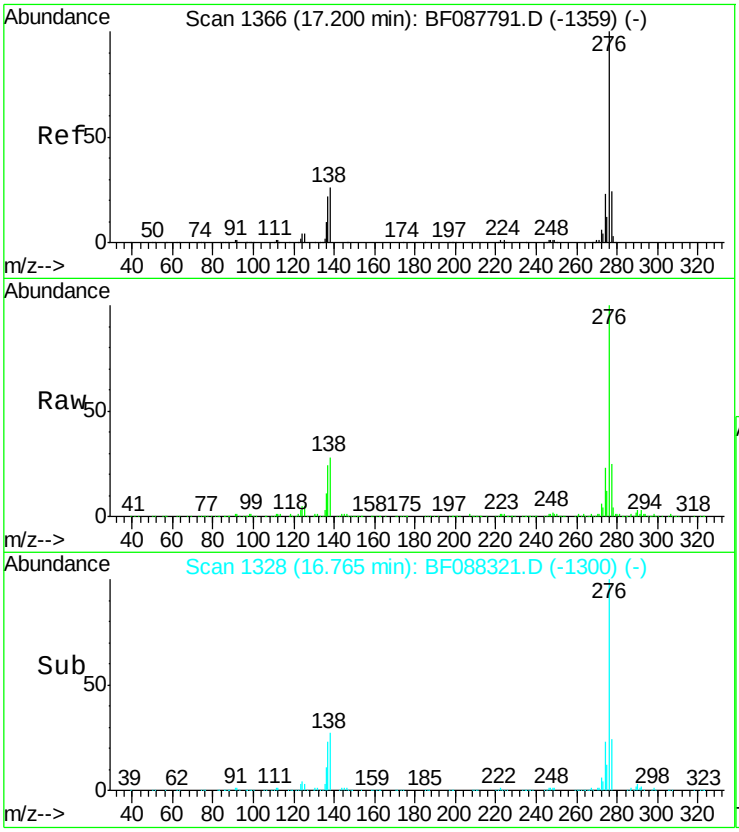


#90
Dibenzo(a,h)anthracene
Concen: 30.39 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:278 Resp: 280020

Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.7	23.5
279	28.3	19.4	29.2

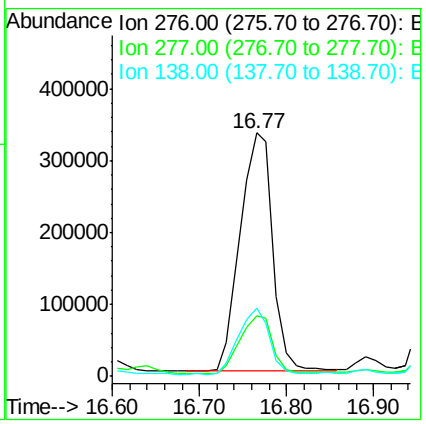




#91
Benzo(g,h,i)perylene
Concen: 91.11 ng
RT: 16.77 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF088321.D
Acq: 24 Jun 2016 8:04

Tgt Ion:276 Resp: 863553

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	27.8	21.4	32.2



Instrument :
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ClientSampleId :
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