

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078486.D
 Acq On : 14 Apr 2015 5:36
 Operator : TP/IZ
 Sample : G1793-18DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10DDL

Manual Integrations
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Quant Time: Apr 14 05:25:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 04:24:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	38142	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	159461	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	85943	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	170240	20.00	ng	0.00
75) Chrysene-d12	15.63	240	182956	20.00	ng	-0.01
86) Perylene-d12	17.28	264	177723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	43760	18.92	ng	0.01
7) Phenol-d6	6.42	99	59471	20.51	ng	-0.01
23) Nitrobenzene-d5	7.53	82	31234	11.87	ng	0.00
41) 2,4,6-Tribromophenol	11.53	330	14064	19.73	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	66193	11.01	ng	-0.01
78) Terphenyl-d14	14.37	244	86188	10.64	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.43	128	24784	2.99	ng	98
51) Acenaphthene	10.60	154	79864	15.88	ng	100
54) Dibenzofuran	10.81	168	15847	2.06	ng	98
57) Fluorene	11.23	166	27660	4.44	ng	98
70) Phenanthrene	12.41	178	341507	34.68	ng	99
71) Anthracene	12.48	178	137168	14.14	ng	99
74) Fluoranthene	13.87	202	359411	34.61	ng	95
77) Pyrene	14.15	202	405291	35.29	ng	96
80) Benzo(a)anthracene	15.62	228	162254m	14.91	ng	
82) Chrysene	15.67	228	113890	11.14	ng	99
85) Indeno(1,2,3-cd)pyrene	18.47	276	70239	6.05	ng	# 87
87) Benzo(b)fluoranthene	16.87	252	136721m	12.45	ng	
88) Benzo(k)fluoranthene	16.89	252	48440m	4.96	ng	
89) Benzo(a)pyrene	17.21	252	133588	13.94	ng	# 93
91) Benzo(g,h,i)perylene	18.81	276	74733	7.77	ng	98

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

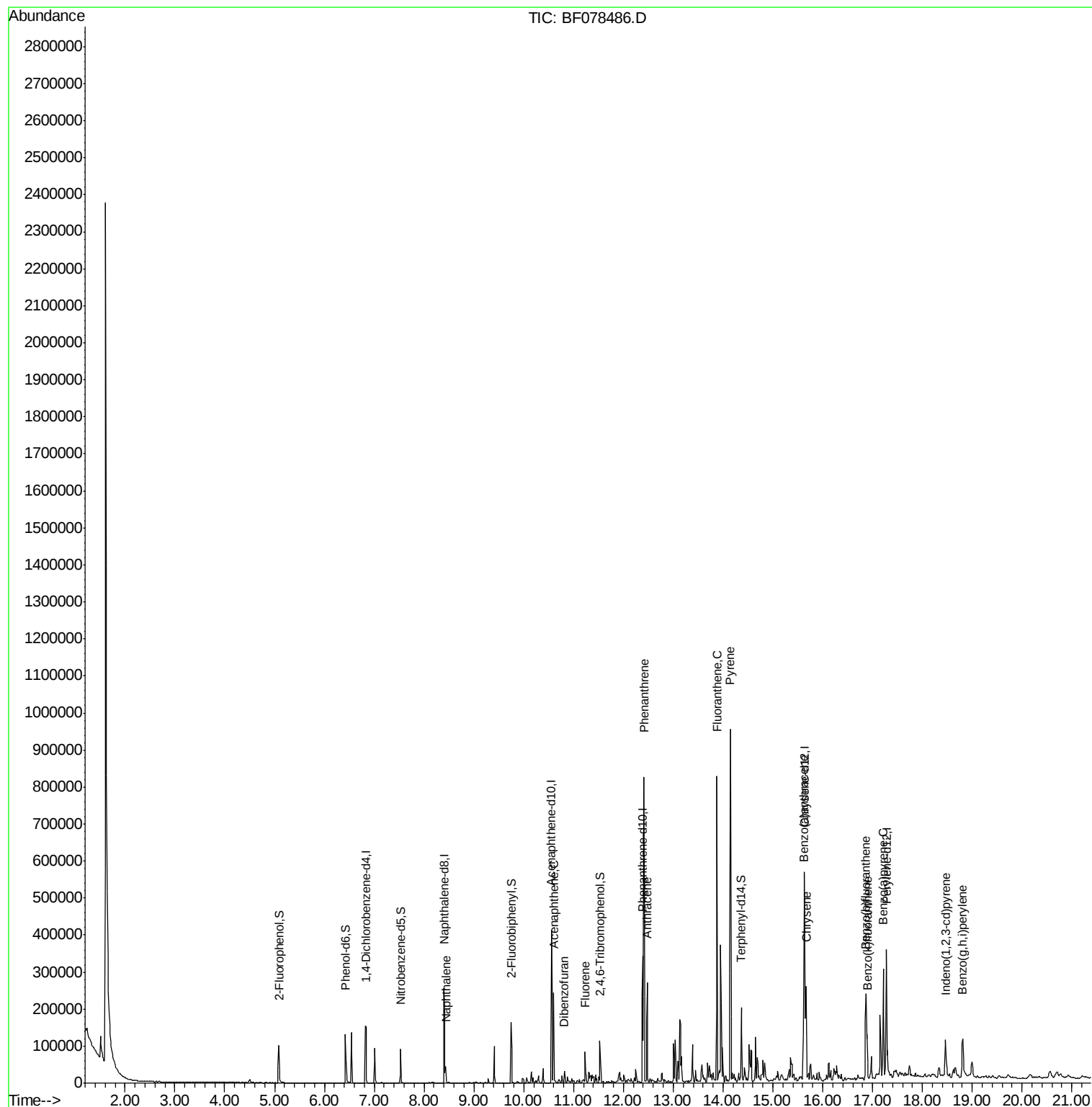
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
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ALS Vial : 25 Sample Multiplier: 1

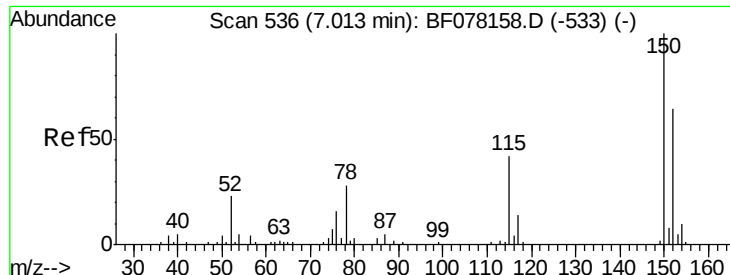
Instrument :
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ClientSampleId :
SB-10DDL

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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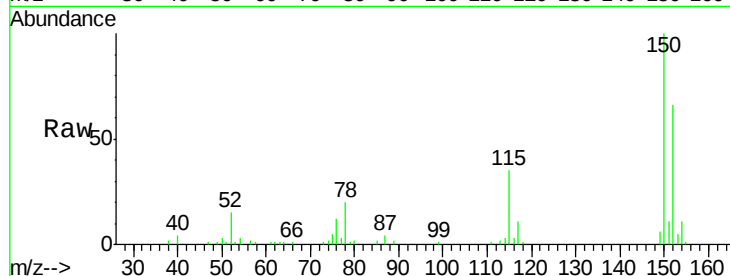




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

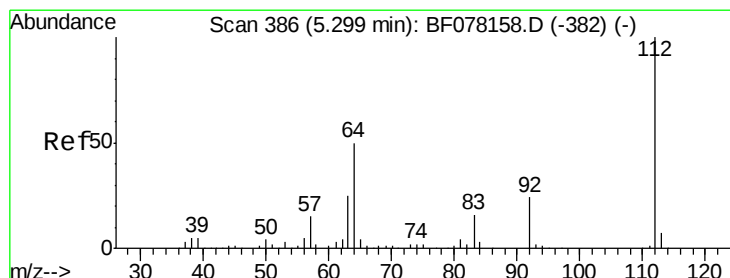
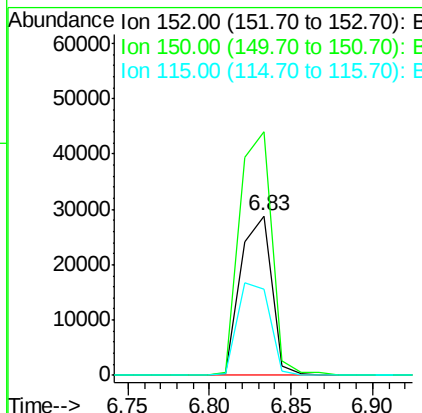
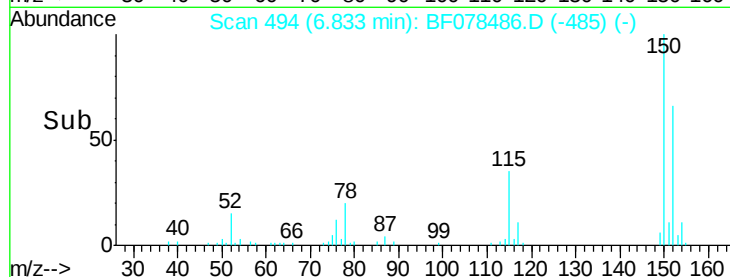
Instrument :
BNA_F
ClientSampleId :
SB-10DDL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	125.9	188.9
115	53.7	52.7	79.1

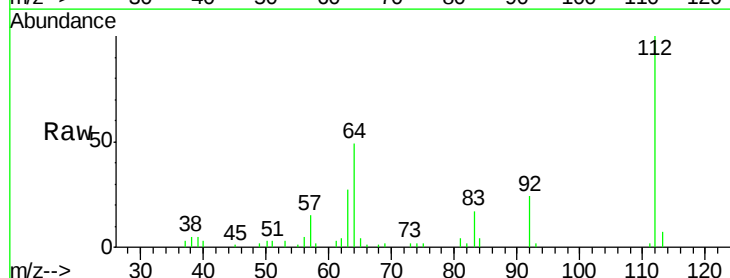
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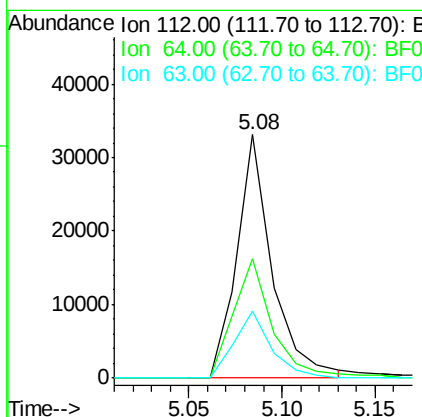
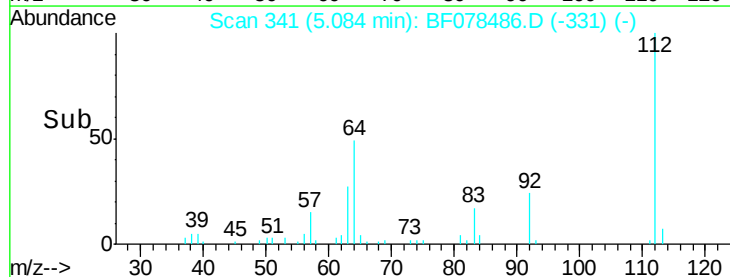


#5

2-Fluorophenol
Concen: 18.92 ng
RT: 5.08 min Scan# 341
Delta R.T. 0.01 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36



Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	39.9	59.9
63	27.3	20.2	30.4





#7

Phenol-d6

Concen: 20.51 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078486.D

Acq: 14 Apr 2015 5:36

Instrument :

BNA_F

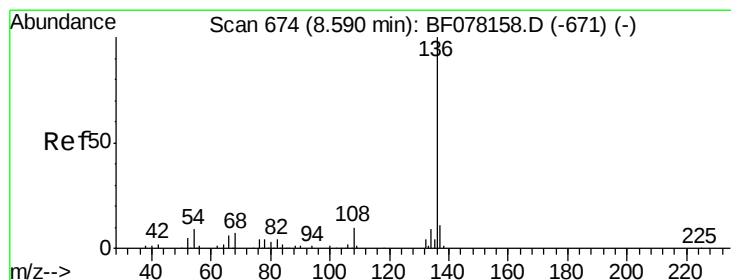
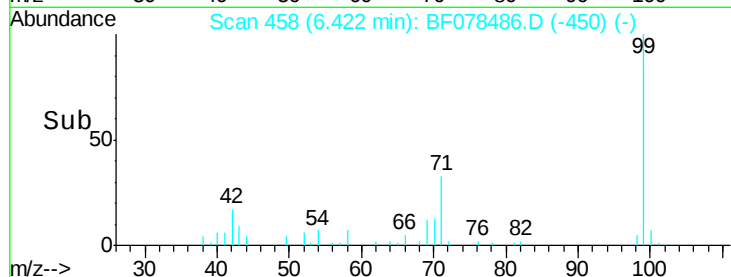
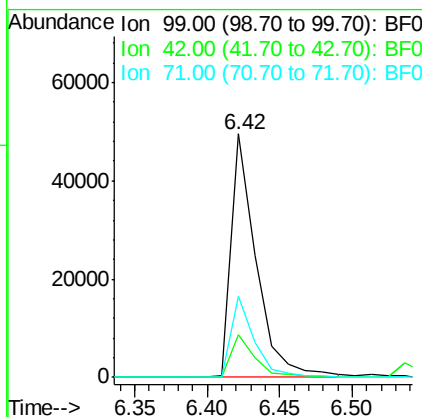
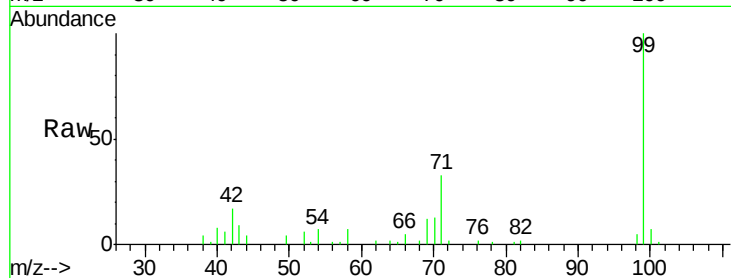
ClientSampleId :

SB-10DDL

Tgt Ion:	99	Resp:	59471
Ion Ratio	Lower	Upper	
99	100		
42	17.4	14.8	22.2
71	33.2	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

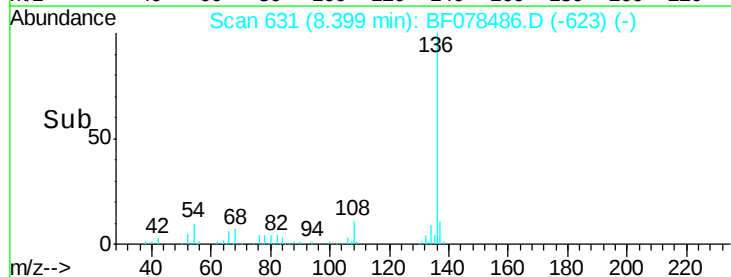
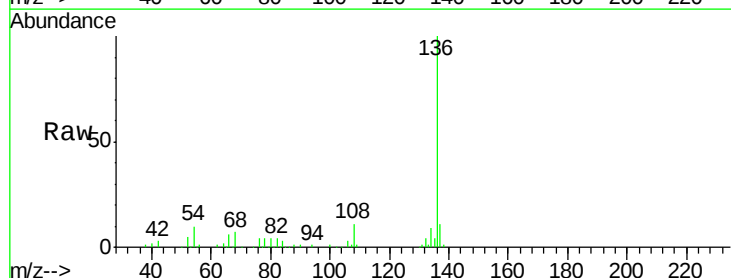
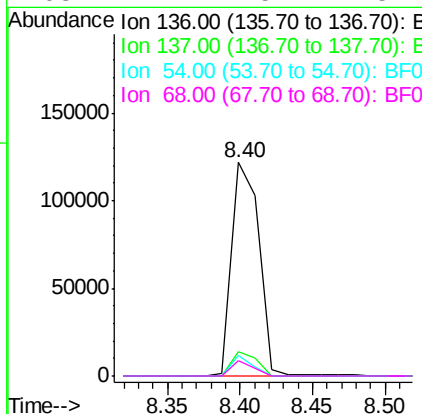
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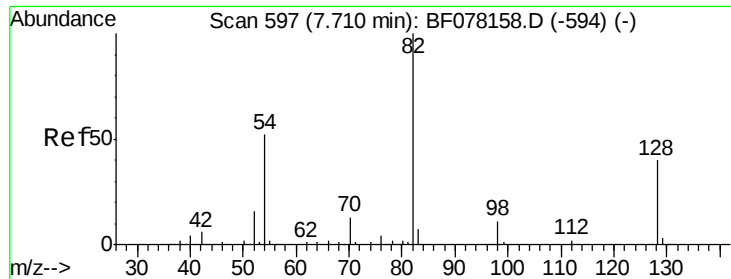
Delta R.T. -0.01 min

Lab File: BF078486.D

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Tgt Ion:	136	Resp:	159461
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	9.5	7.0	10.6
68	7.4	5.4	8.2





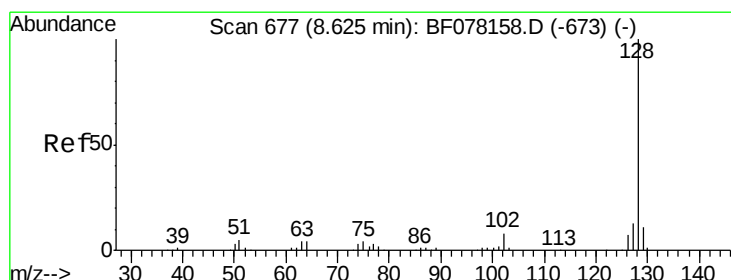
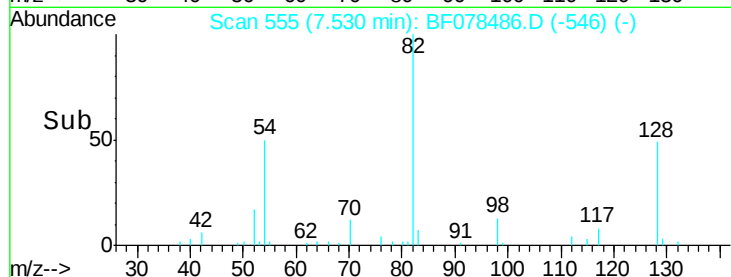
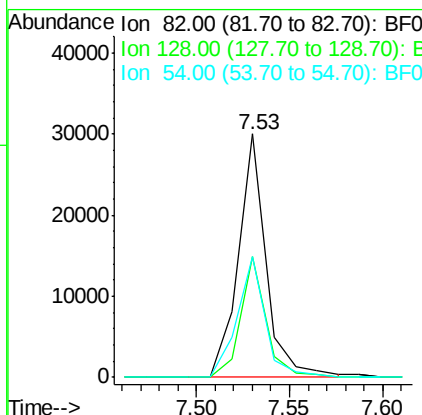
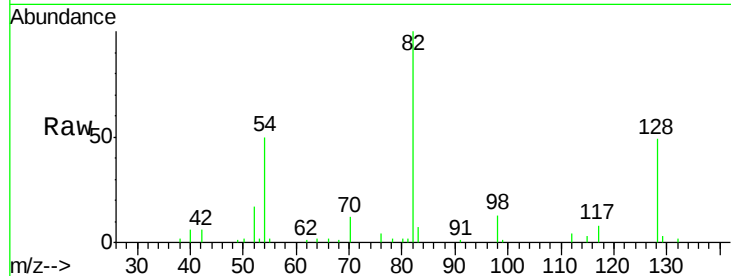
#23
Nitrobenzene-d5
Concen: 11.87 ng
RT: 7.53 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Instrument :
BNA_F
ClientSampleId :
SB-10DDL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.4	31.8	47.8#
54	49.6	41.5	62.3

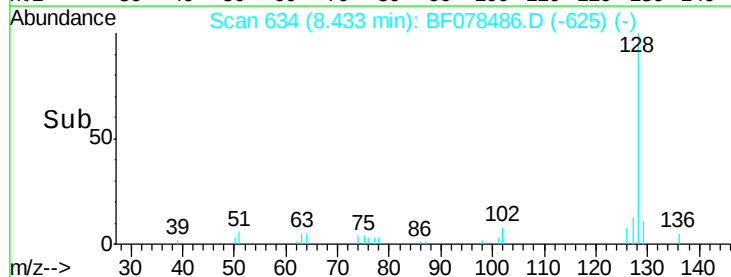
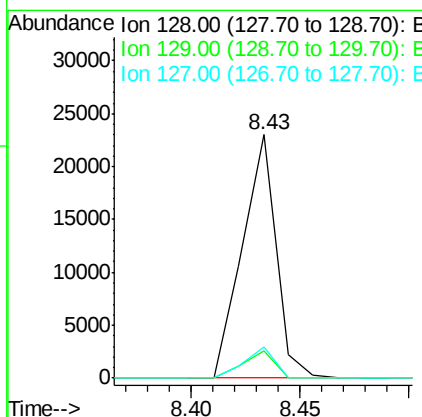
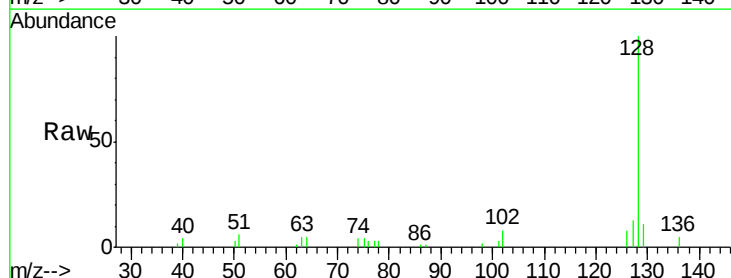
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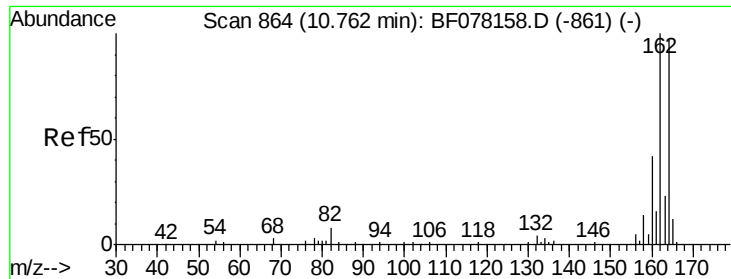
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#31
Naphthalene
Concen: 2.99 ng
RT: 8.43 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	12.5	10.7	16.1





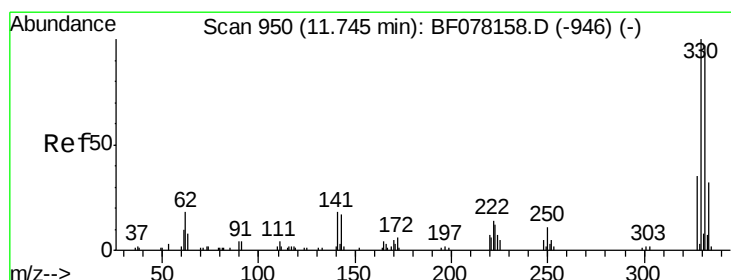
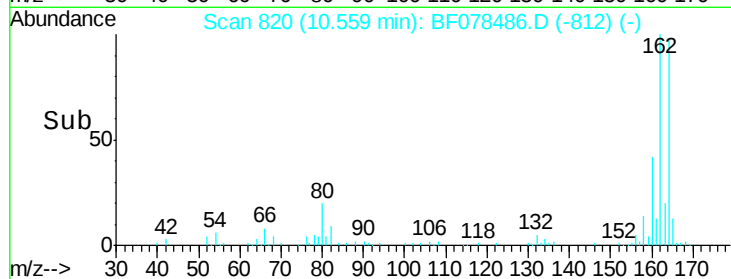
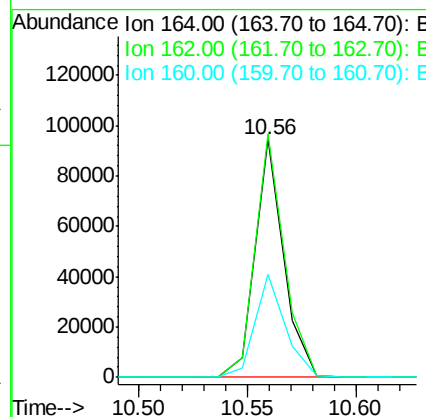
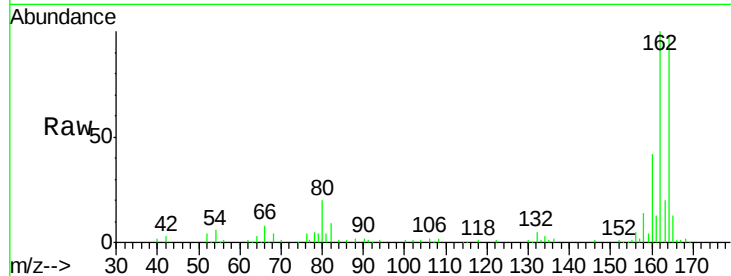
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10DDL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85943		
162	102.3	82.2	123.2	
160	43.2	34.7	52.1	

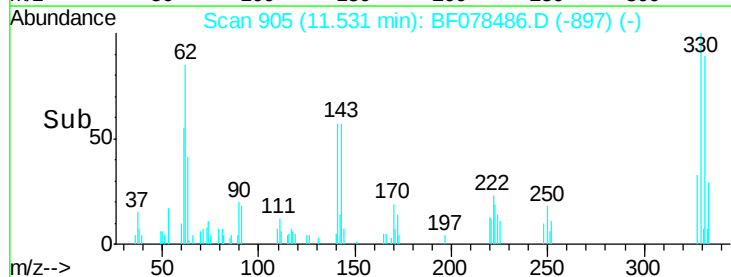
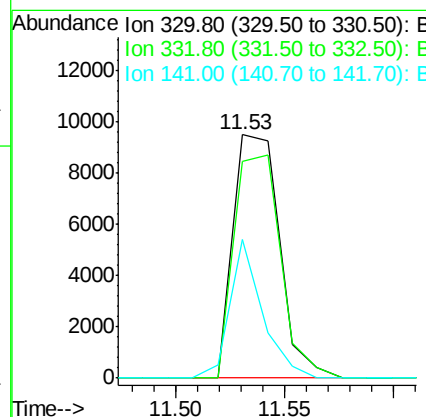
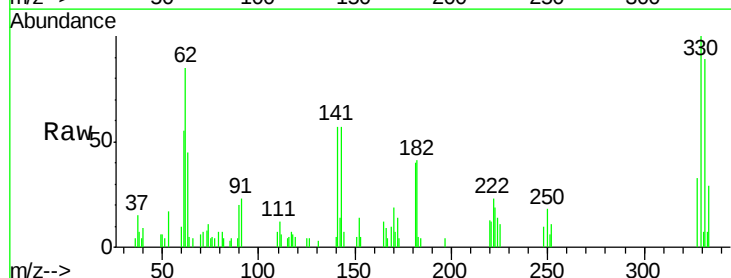
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#41
 2,4,6-Tribromophenol
 Concen: 19.73 ng
 RT: 11.53 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	14064		
332	92.6	78.6	117.8	
141	39.6	31.2	46.8	





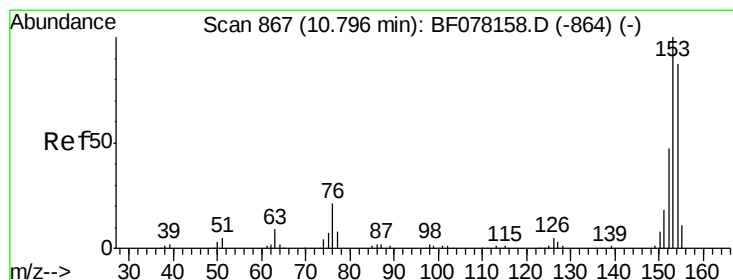
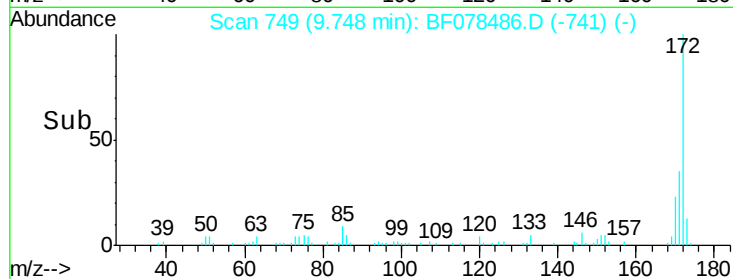
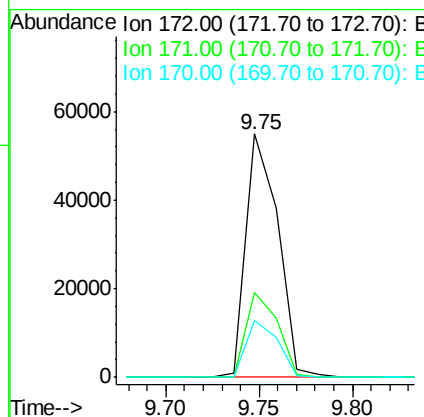
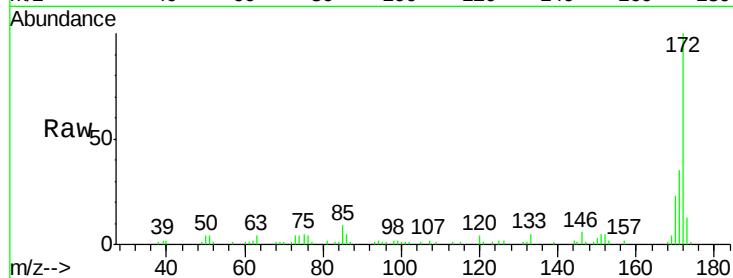
#44
 2-Fluorobiphenyl
 Concen: 11.01 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10DDL

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.1	18.5	27.7

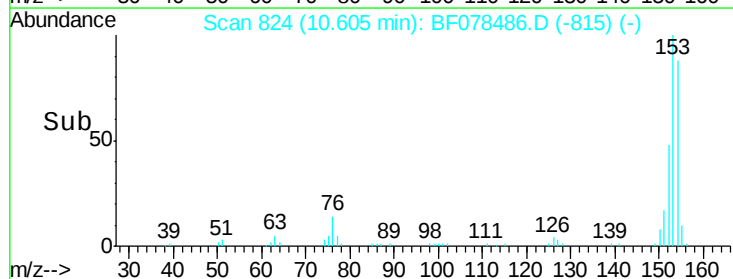
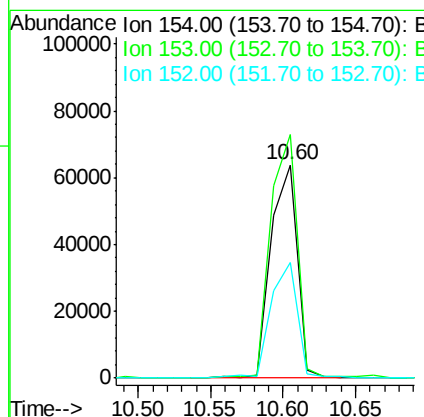
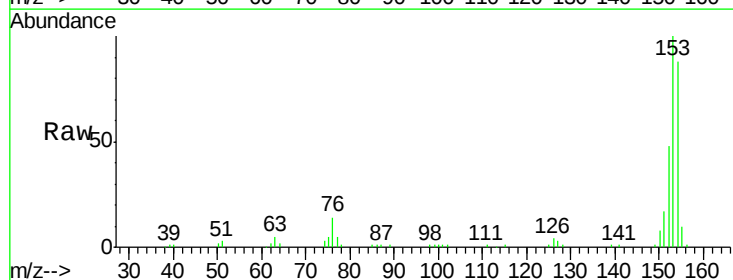
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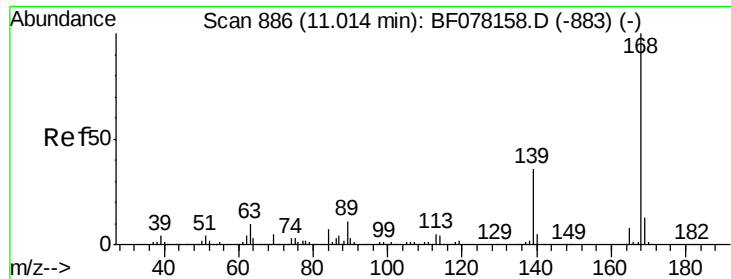
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#51
 Acenaphthene
 Concen: 15.88 ng
 RT: 10.60 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.2	91.4	137.2
152	54.4	43.0	64.6





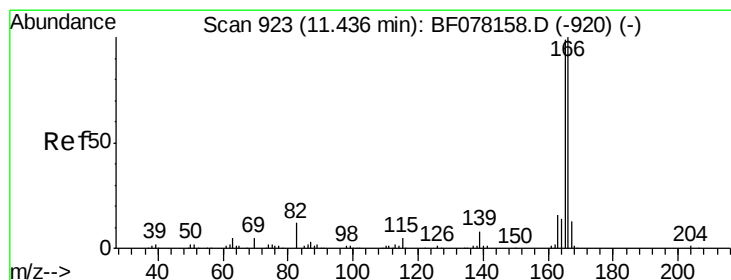
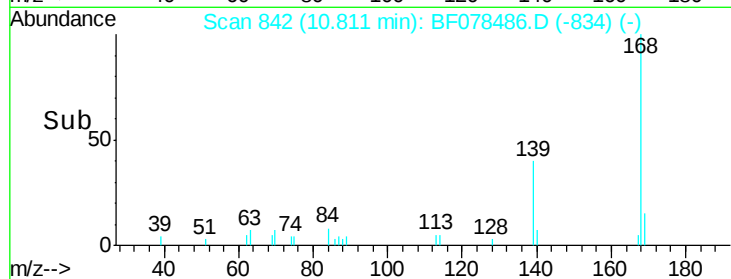
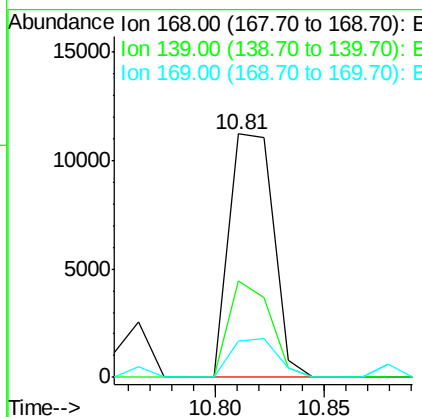
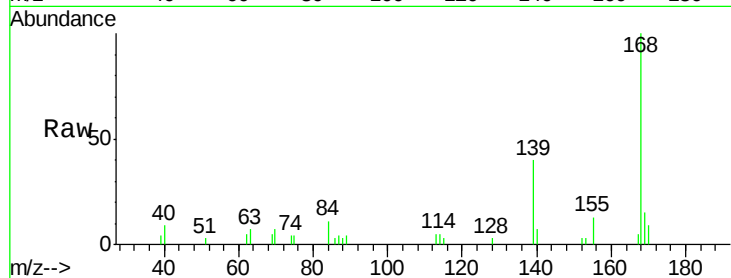
#54
Dibenzenofuran
Concen: 2.06 ng
RT: 10.81 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Instrument :
BNA_F
ClientSampled :
SB-10DDL

Tgt Ion	Ratio	Resp Lower	Upper
168	100		
139	39.6	31.0	46.4
169	14.8	10.7	16.1

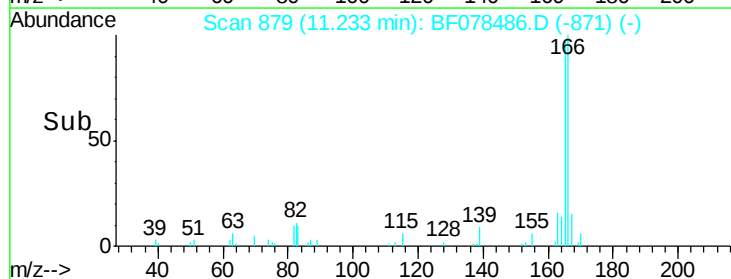
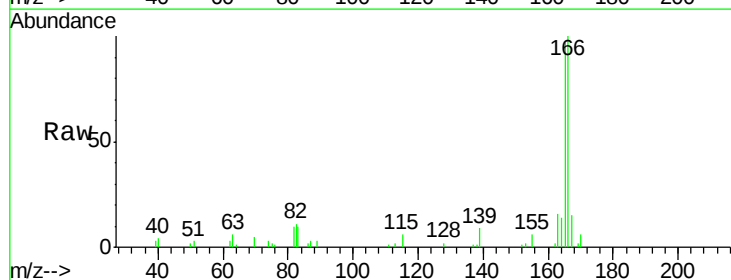
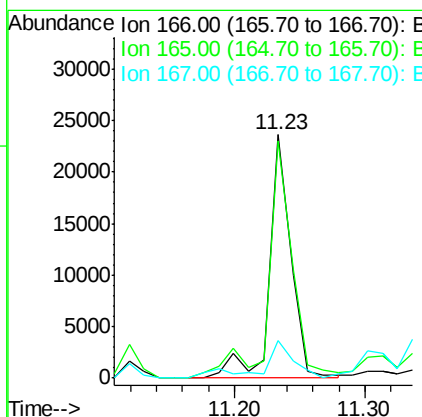
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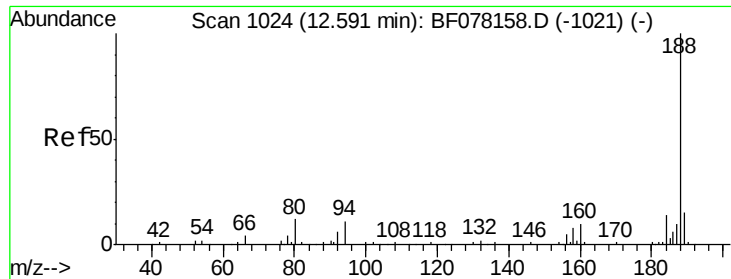
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#57
Fluorene
Concen: 4.44 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.2	78.9	118.3
167	15.5	10.7	16.1





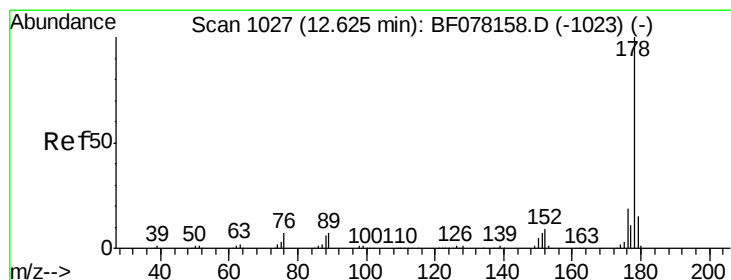
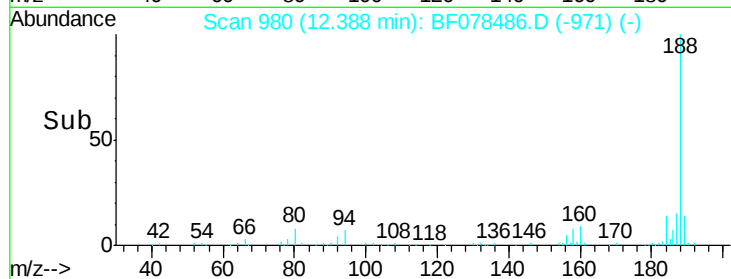
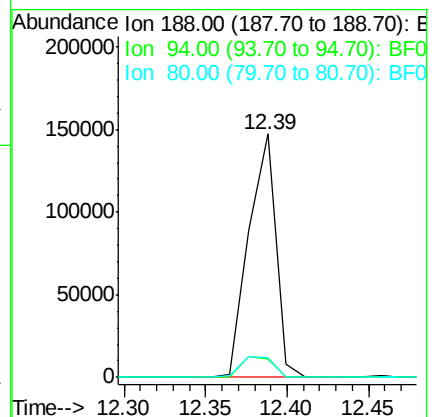
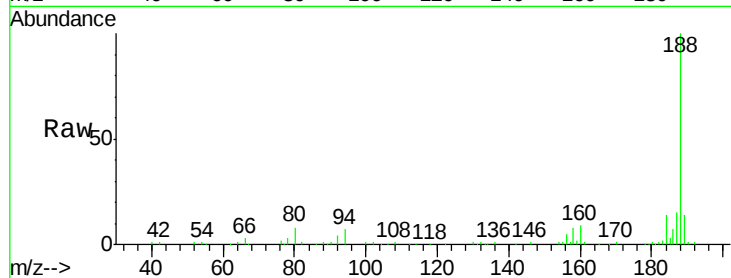
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10DDL

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	9.0	13.4#
80	8.0	9.5	14.3#

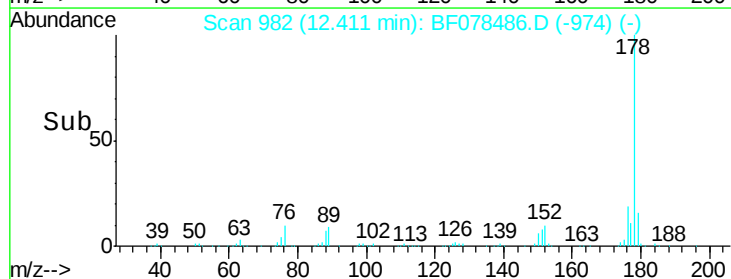
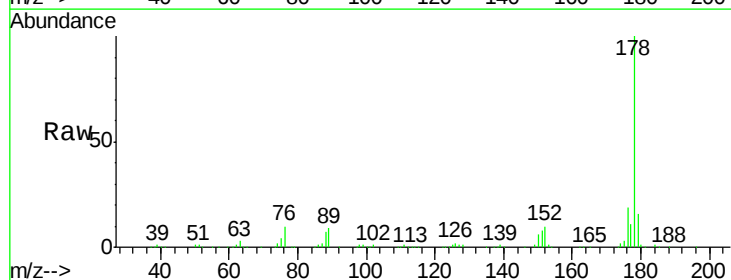
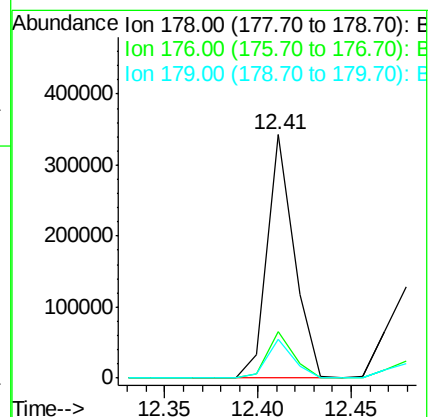
Manual Integrations
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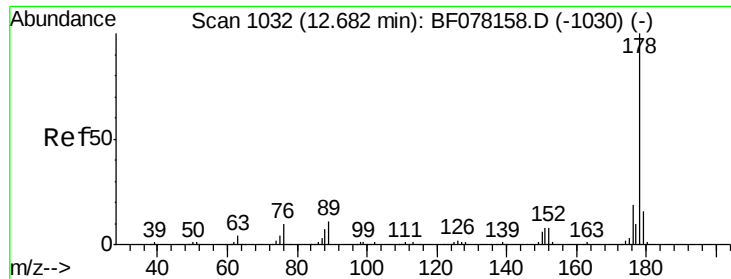
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#70
 Phenanthrene
 Concen: 34.68 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.0	12.2	18.2





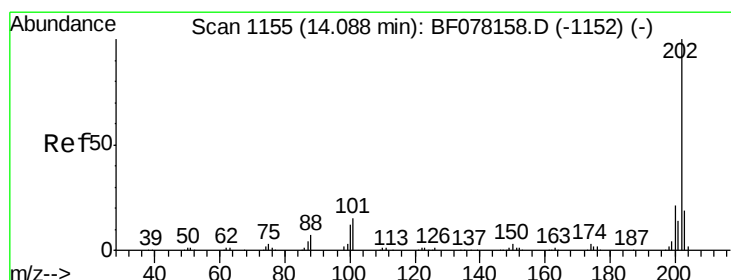
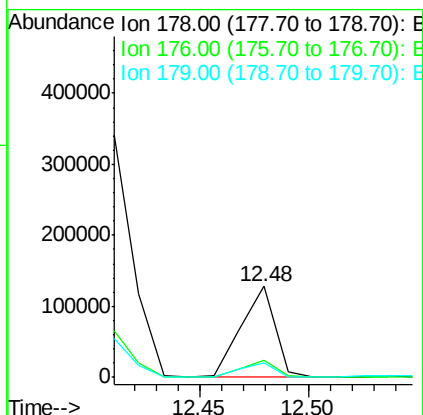
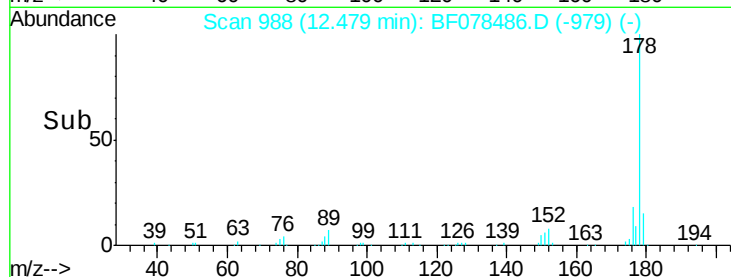
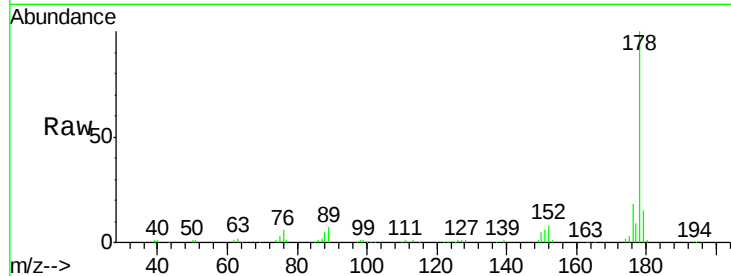
#71
 Anthracene
 Concen: 14.14 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10DDL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.4	12.4	18.6

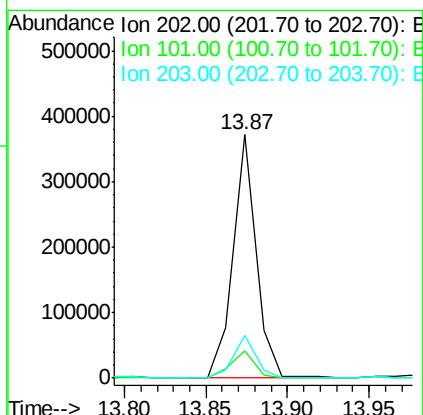
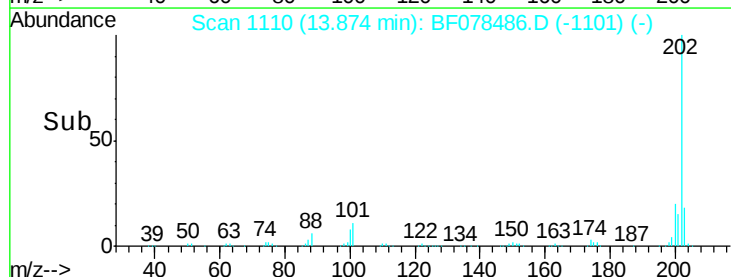
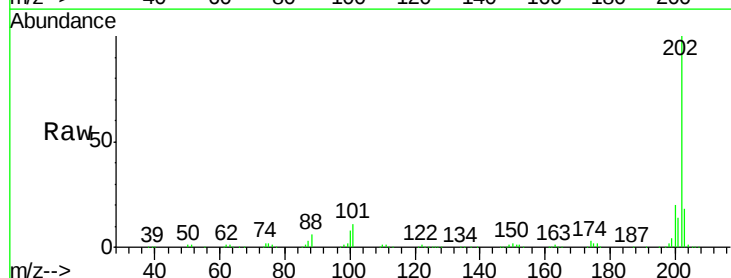
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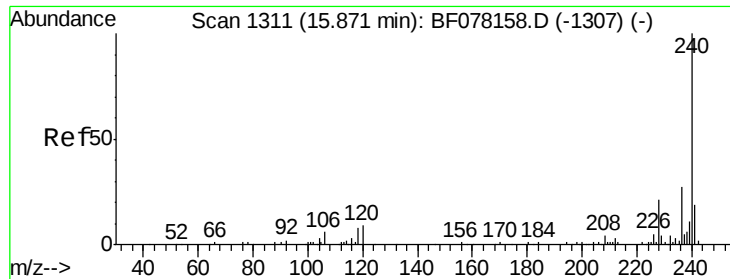
apatel
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#74
 Fluoranthene
 Concen: 34.61 ng
 RT: 13.87 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	35.2
203	17.7	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF078486.D

Acq: 14 Apr 2015 5:36

Instrument :

BNA_F

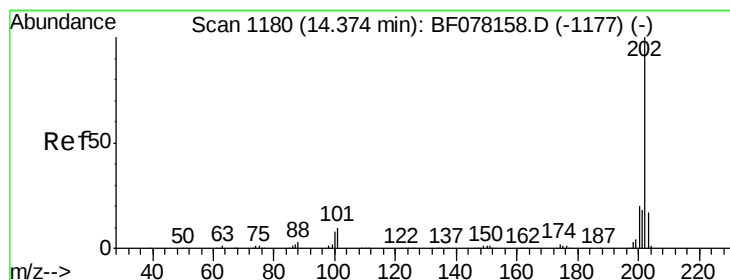
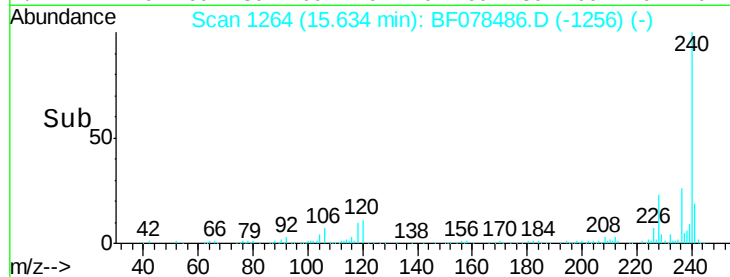
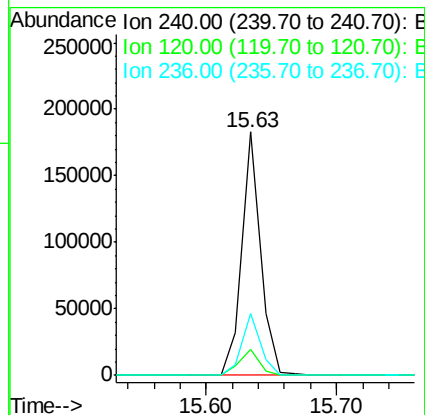
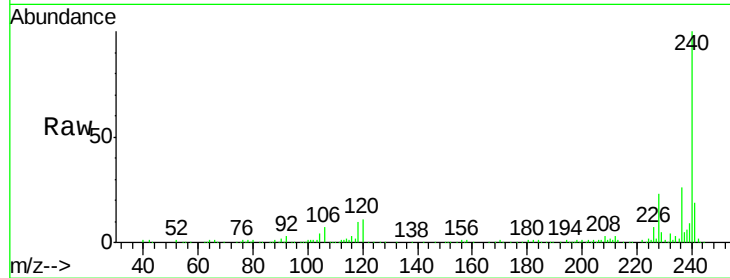
ClientSampled :

SB-10DDL

Tgt Ion:	240	Resp:	182956
Ion Ratio	Lower	Upper	
240	100		
120	10.9	7.1	10.7#
236	25.6	21.4	32.2

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#77

Pyrene

Concen: 35.29 ng

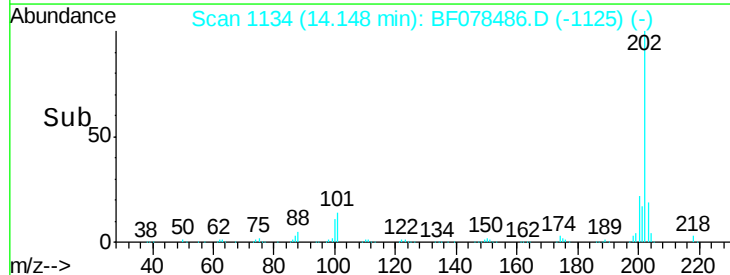
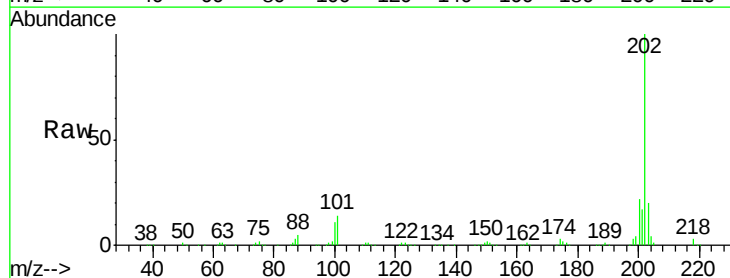
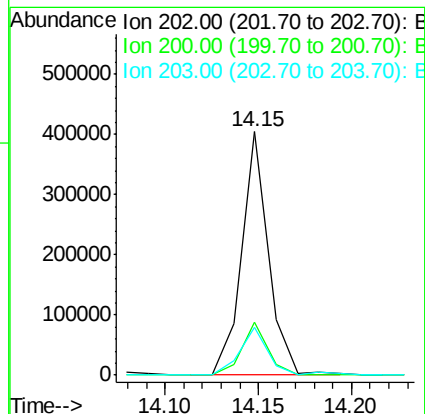
RT: 14.15 min Scan# 1134

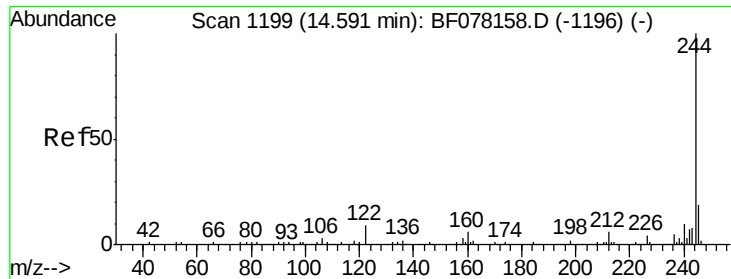
Delta R.T. -0.00 min

Lab File: BF078486.D

Acq: 14 Apr 2015 5:36

Tgt Ion:	202	Resp:	405291
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.3	24.5
203	19.5	13.8	20.6





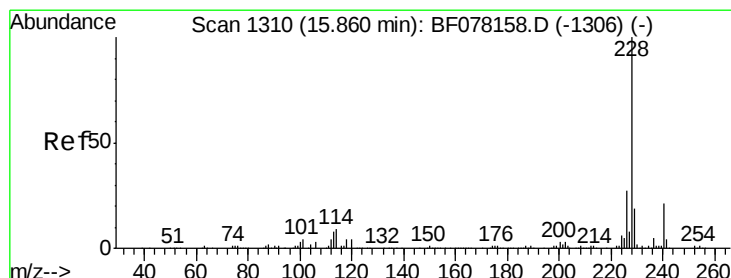
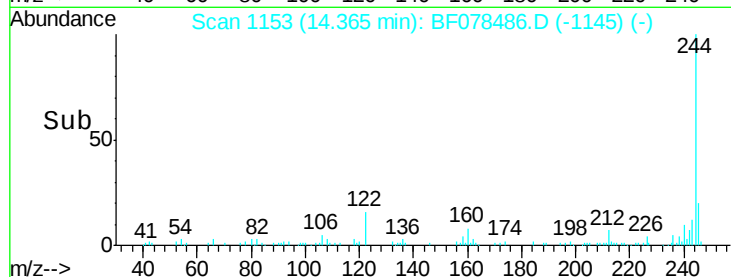
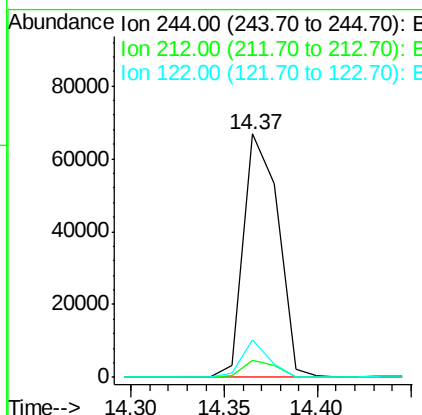
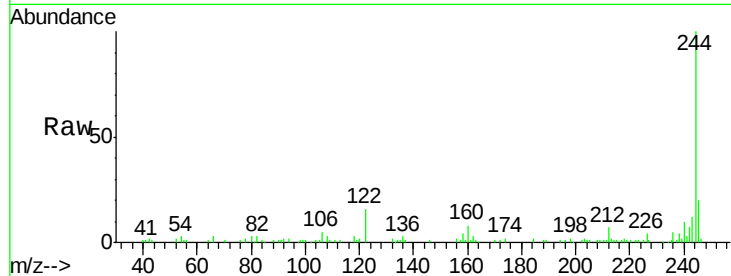
#78
 Terphenyl-d14
 Concen: 10.64 ng
 RT: 14.37 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10DDL

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.0	7.4
122	15.5	7.1	10.7#

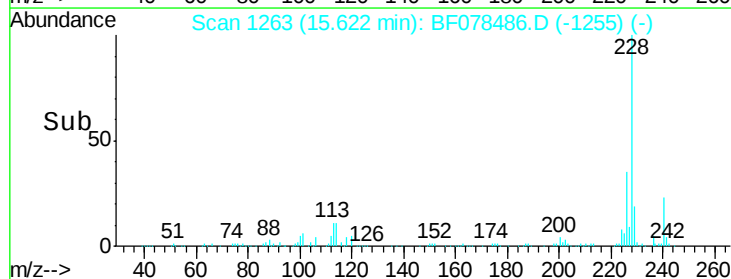
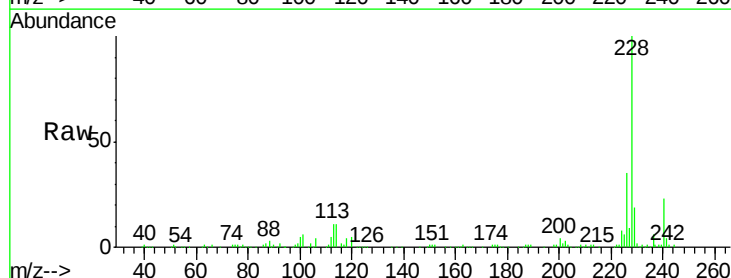
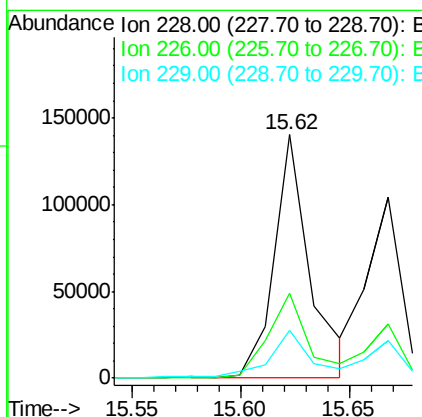
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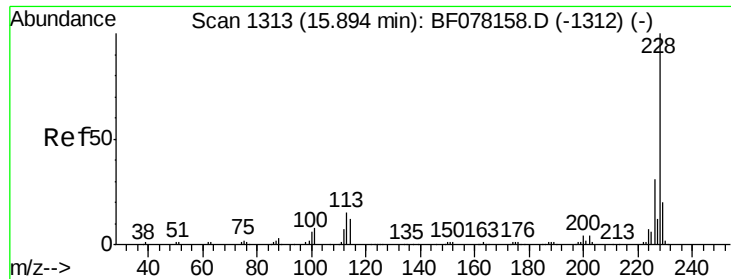
apatel
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#80
 Benzo(a)anthracene
 Concen: 14.91 ng m
 RT: 15.62 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	34.8	21.3	31.9#
229	19.4	15.4	23.2





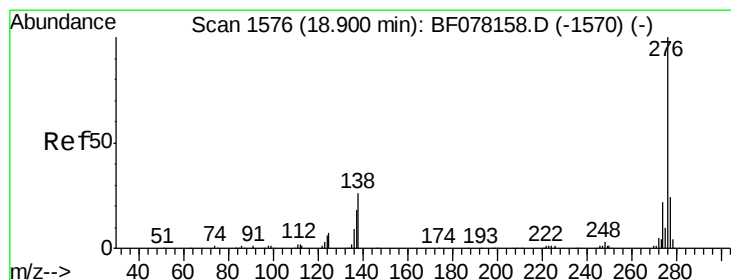
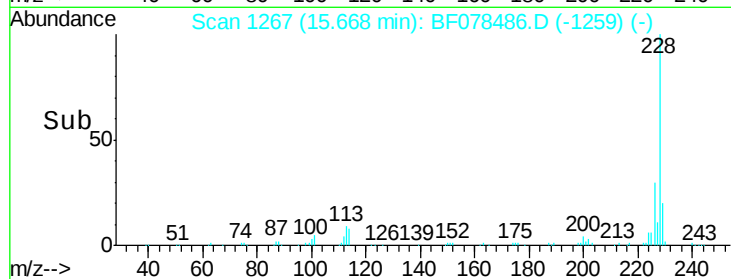
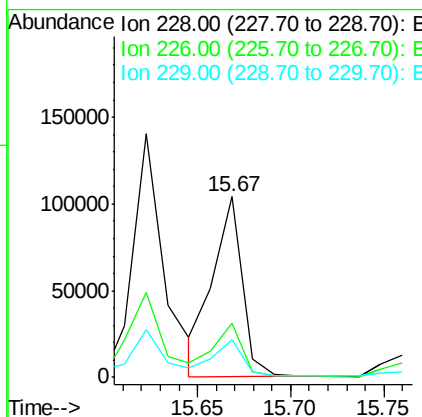
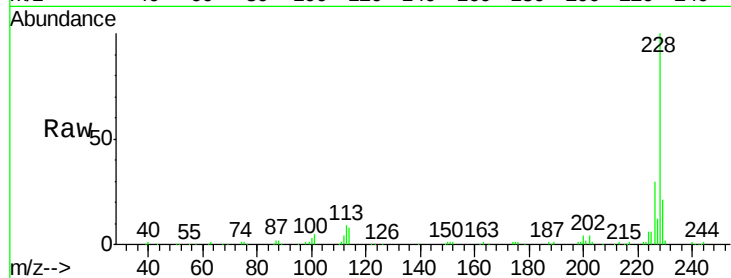
#82
Chrysene
Concen: 11.14 ng
RT: 15.67 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Instrument :
BNA_F
ClientSampleId :
SB-10DDL

Tgt Ion:	228	Resp:	113890
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.2	36.4
229	20.9	15.8	23.8

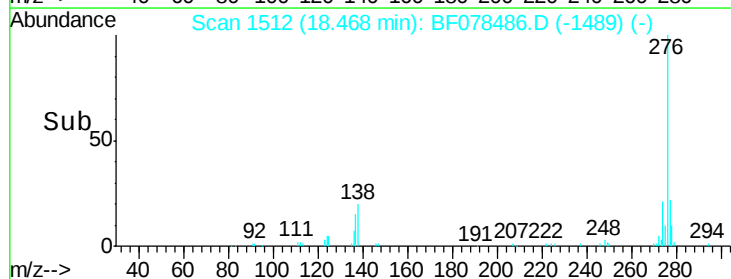
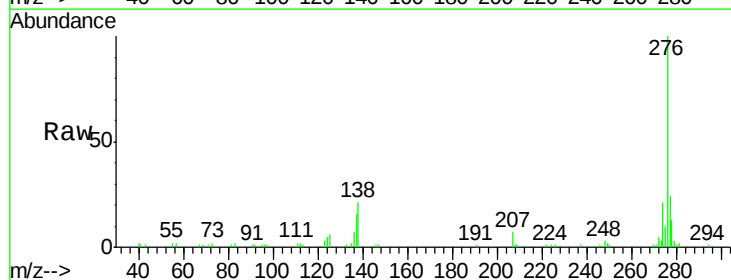
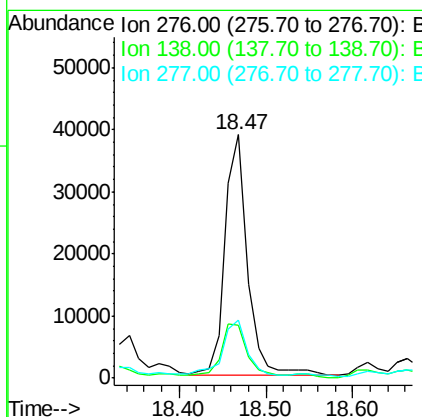
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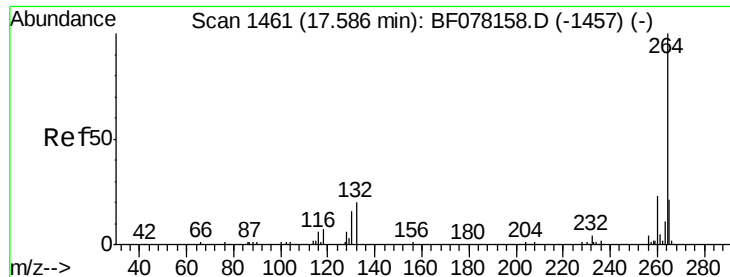
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.05 ng
RT: 18.47 min Scan# 1512
Delta R.T. -0.03 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Tgt Ion:	276	Resp:	70239
Ion Ratio	Lower	Upper	
276	100		
138	23.6	16.9	25.3
277	29.4	15.8	23.6#





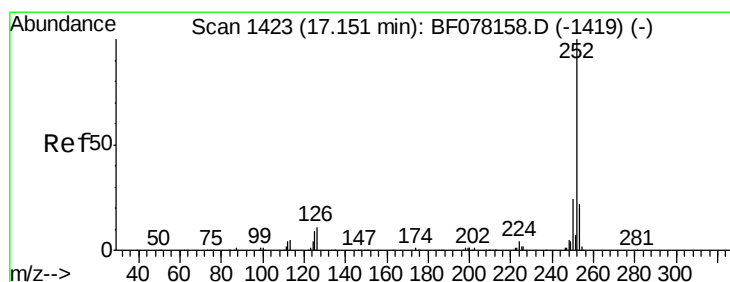
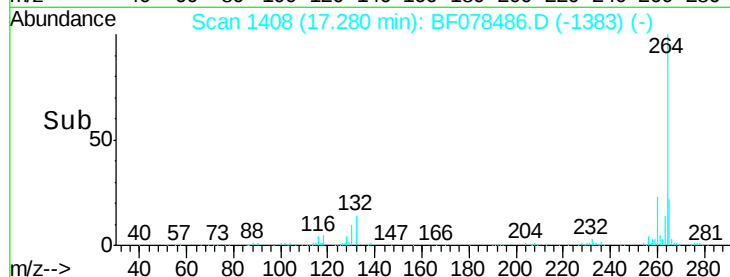
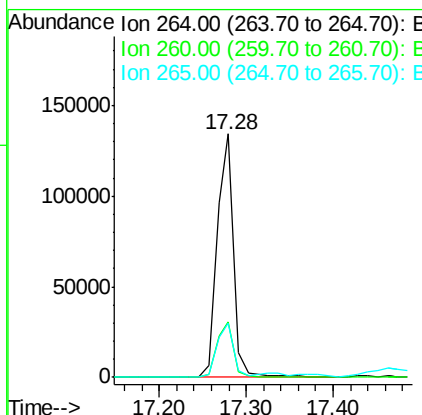
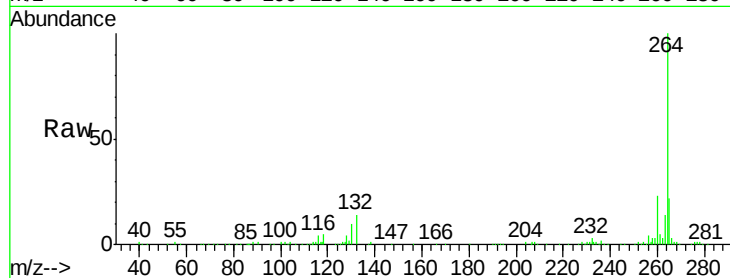
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Instrument :
BNA_F
ClientSampleId :
SB-10DDL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.1	17.0	25.6

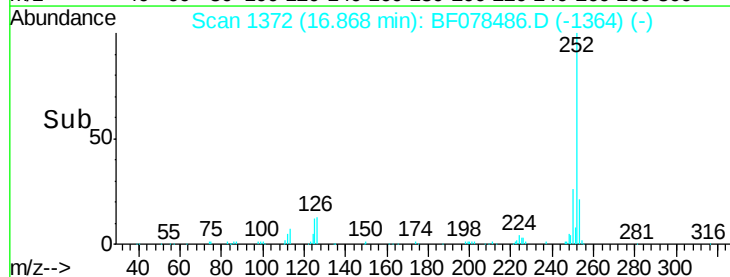
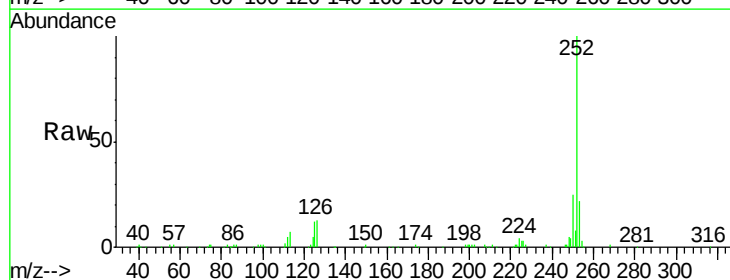
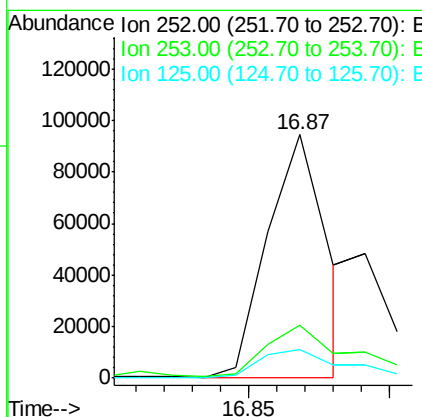
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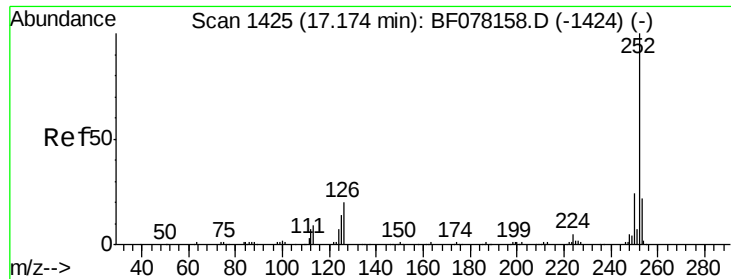
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#87
Benzo(b)fluoranthene
Concen: 12.45 ng m
RT: 16.87 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.0	7.0	10.4





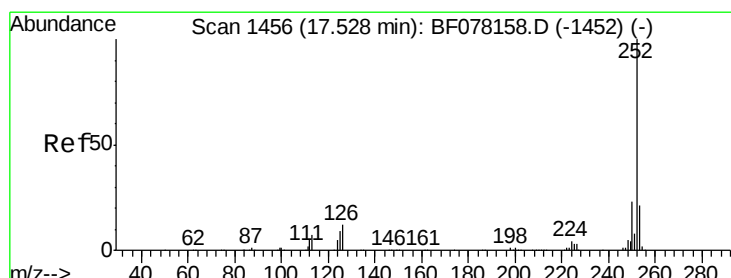
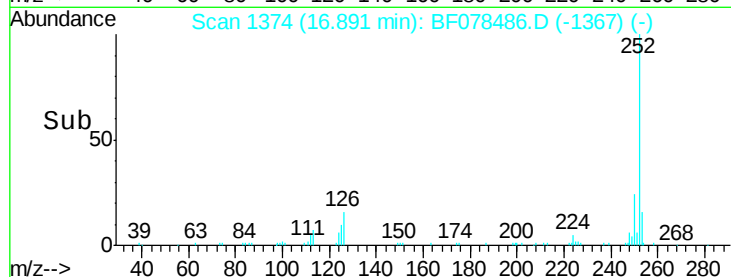
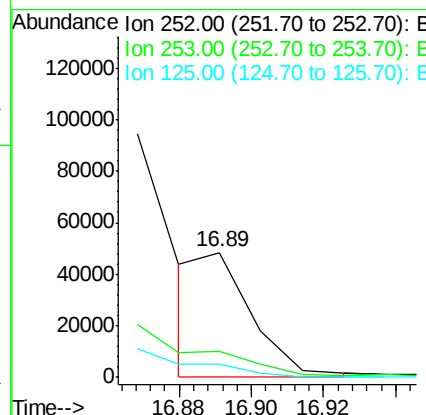
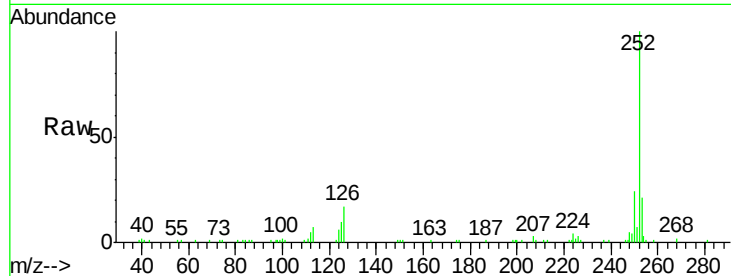
#88
Benzo(k)fluoranthene
Concen: 4.96 ng m
RT: 16.89 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Instrument :
BNA_F
ClientSampleId :
SB-10DDL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	10.3	11.6	17.4

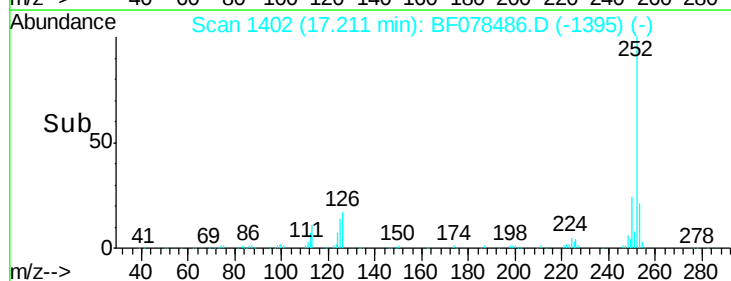
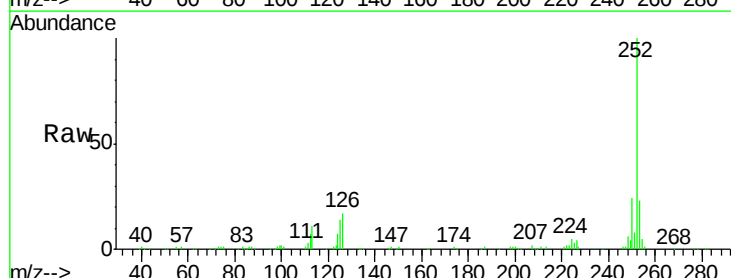
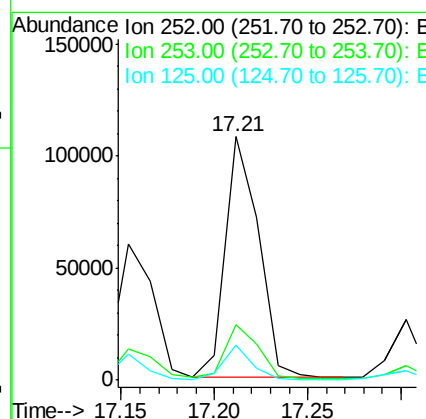
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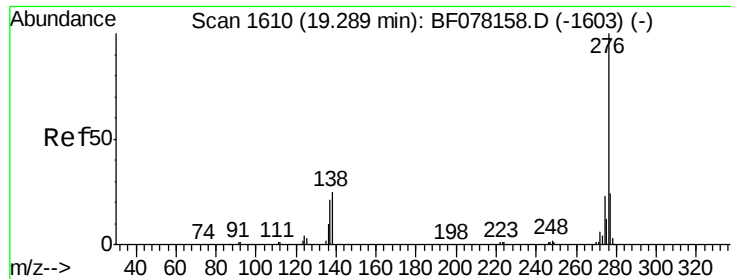
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#89
Benzo(a)pyrene
Concen: 13.94 ng
RT: 17.21 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF078486.D
Acq: 14 Apr 2015 5:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	14.1	7.4	11.0





#91
 Benzo(g,h,i)perylene
 Concen: 7.77 ng
 RT: 18.81 min Scan# 1542
 Delta R.T. -0.03 min
 Lab File: BF078486.D
 Acq: 14 Apr 2015 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10DDL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	19.0	28.4
138	23.4	19.9	29.9

Manual Integrations
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