

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078483.D
 Acq On : 14 Apr 2015 4:11
 Operator : TP/IZ
 Sample : G1831-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-10

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Quant Time: Apr 14 04:43:06 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	35040	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	147376	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	75702	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	154373	20.00	ng	0.00
75) Chrysene-d12	15.63	240	170995	20.00	ng	-0.01
86) Perylene-d12	17.30	264	167406	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	213508	100.46	ng	0.01
7) Phenol-d6	6.42	99	271100	101.79	ng	-0.01
23) Nitrobenzene-d5	7.53	82	169924	69.89	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	71321	113.60	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	333113	62.90	ng	0.00
78) Terphenyl-d14	14.38	244	421236	55.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	7686	2.41	ng	88
49) Dimethylphthalate	10.26	163	19288	3.39	ng	# 99
70) Phenanthrene	12.41	178	19220	2.15	ng	99
74) Fluoranthene	13.87	202	47201	5.01	ng	93
77) Pyrene	14.15	202	54020	5.03	ng	97
80) Benzo(a)anthracene	15.62	228	28261	2.78	ng	94
82) Chrysene	15.67	228	25169	2.63	ng	98
87) Benzo(b)fluoranthene	16.88	252	36422m	3.52	ng	
89) Benzo(a)pyrene	17.25	252	23914	2.65	ng	97

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

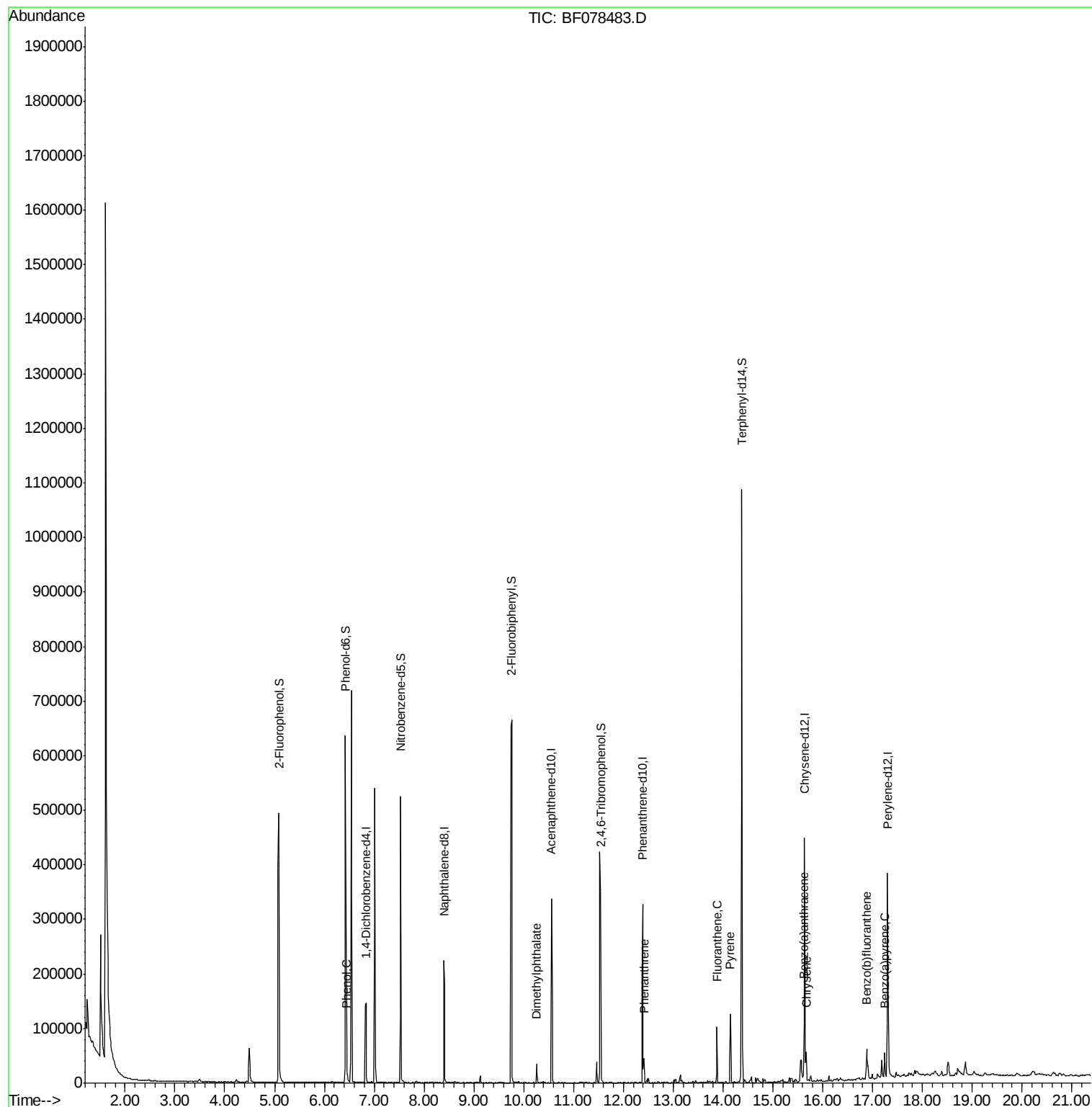
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078483.D
Acq On : 14 Apr 2015 4:11
Operator : TP/IZ
Sample : G1831-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

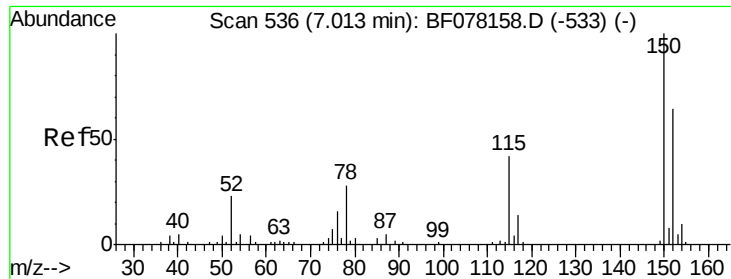
Instrument :
BNA_F
ClientSampleId :
PE-10

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Quant Time: Apr 14 04:43:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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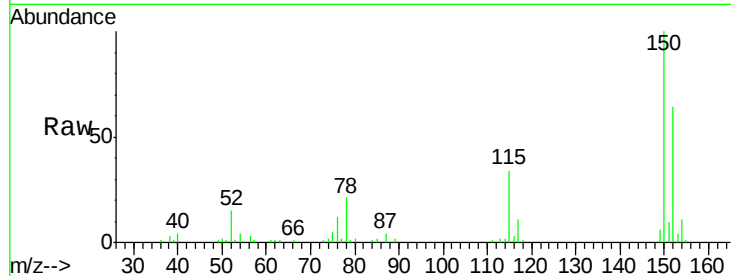
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF078483.D
 Acq: 14 Apr 2015 4:11

Instrument :
 BNA_F
 ClientSampleId :
 PE-10

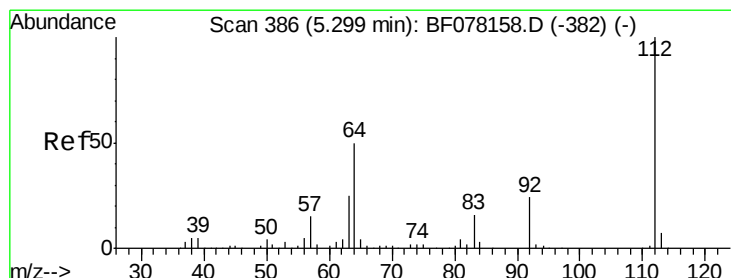
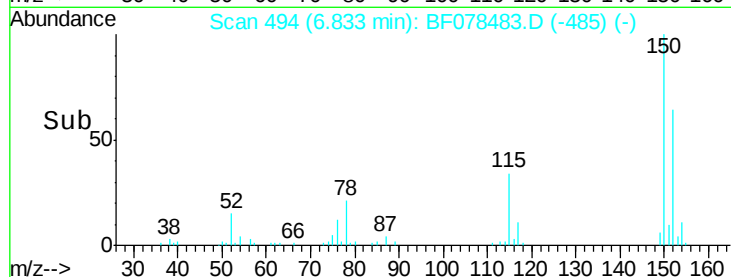
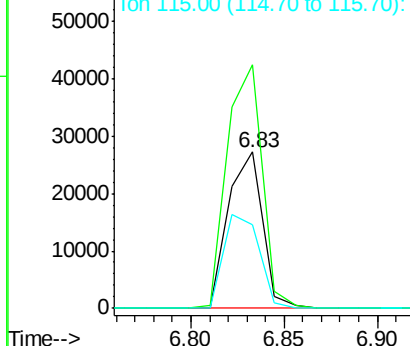
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.9	188.9
115	53.8	52.7	79.1

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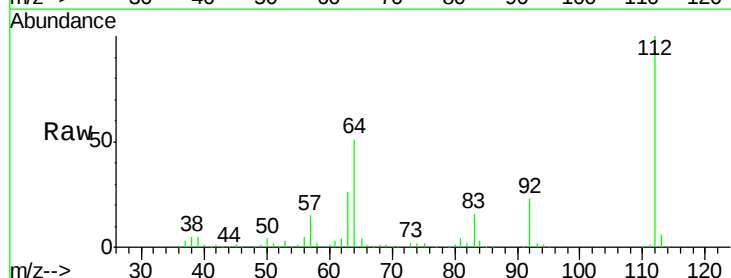


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

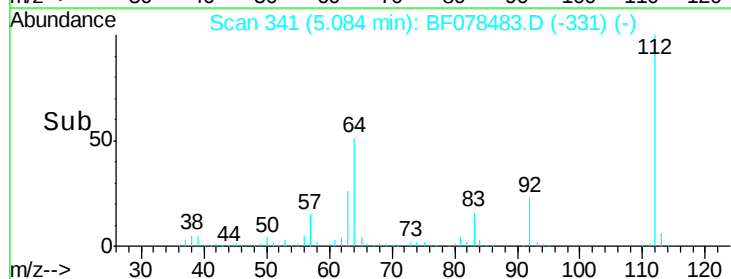
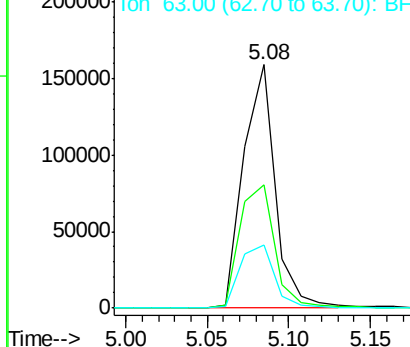


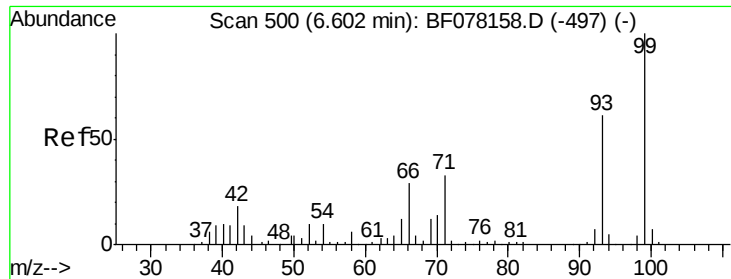
#5
 2-Fluorophenol
 Concen: 100.46 ng
 RT: 5.08 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: BF078483.D
 Acq: 14 Apr 2015 4:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.9	59.9
63	26.1	20.2	30.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.79 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078483.D

Acq: 14 Apr 2015 4:11

Instrument :

BNA_F

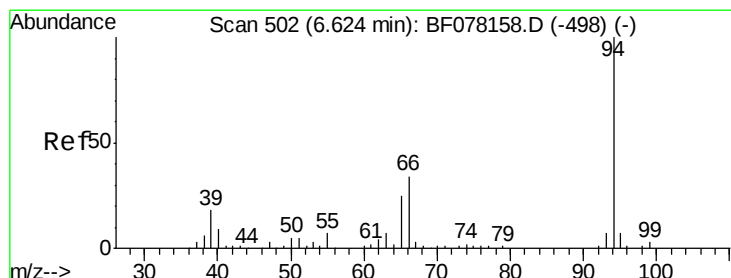
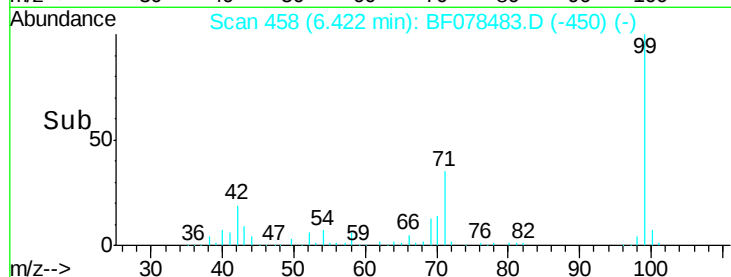
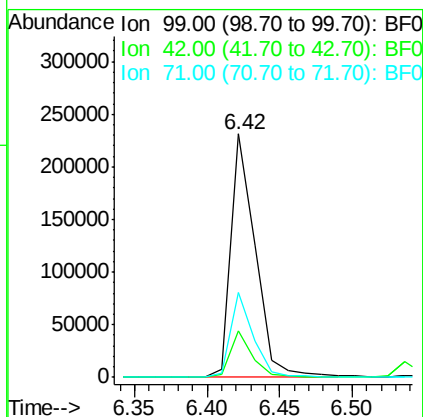
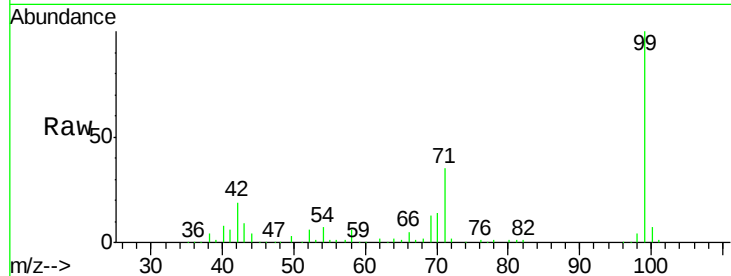
ClientSampleId :

PE-10

Tgt Ion:	99	Resp:	271100
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.8	22.2
71	34.8	26.6	39.8

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#10

Phenol

Concen: 2.41 ng

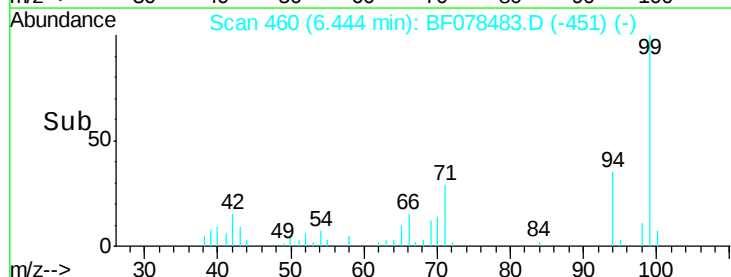
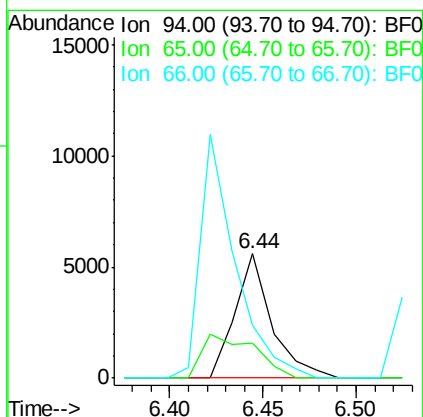
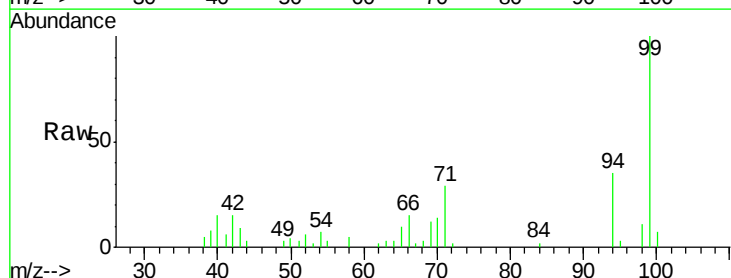
RT: 6.44 min Scan# 460

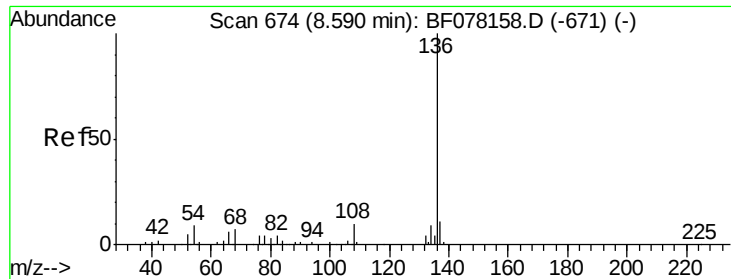
Delta R.T. 0.00 min

Lab File: BF078483.D

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Tgt Ion:	94	Resp:	7686
Ion Ratio	Lower	Upper	
94	100		
65	28.4	4.9	44.9
66	42.9	13.8	53.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF078483.D

Acq: 14 Apr 2015 4:11

Instrument :

BNA_F

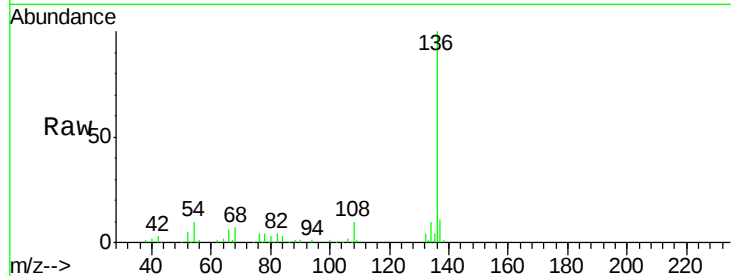
ClientSampleId :

PE-10

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	147376		
137	11.0	9.0	13.4	
54	9.6	7.0	10.6	
68	7.0	5.4	8.2	

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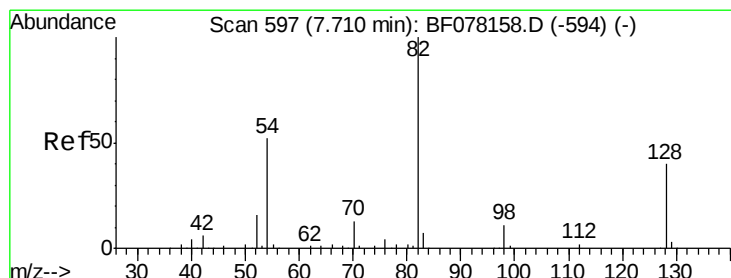
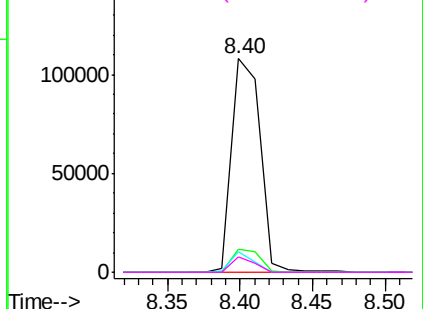
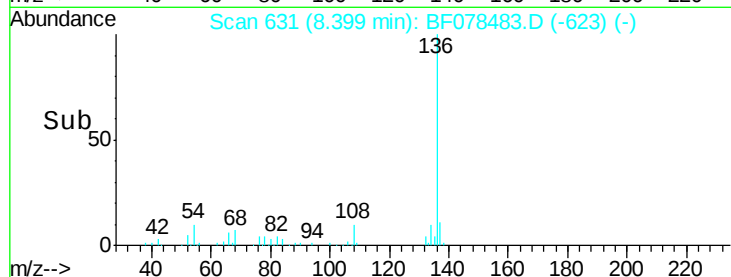


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 69.89 ng

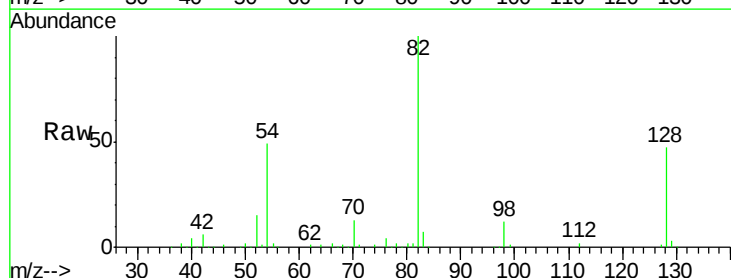
RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF078483.D

Acq: 14 Apr 2015 4:11

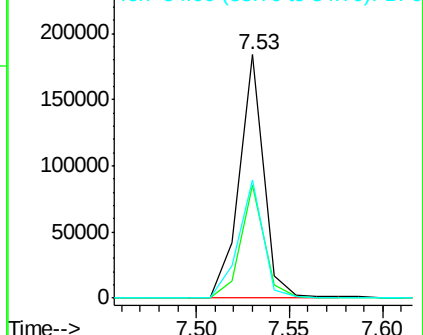
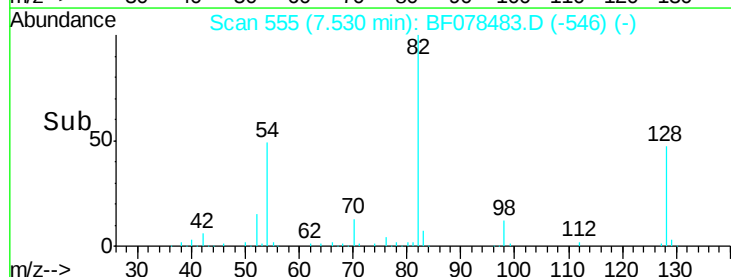
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	169924		
128	46.5	31.8	47.8	
54	48.5	41.5	62.3	

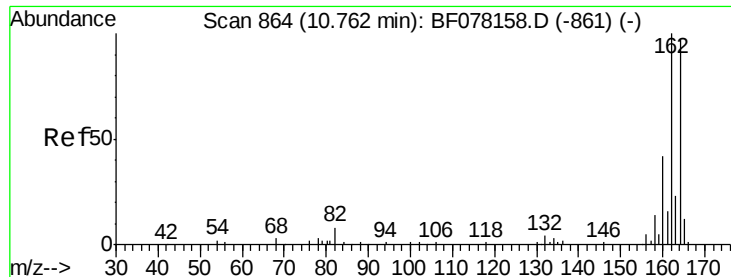


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





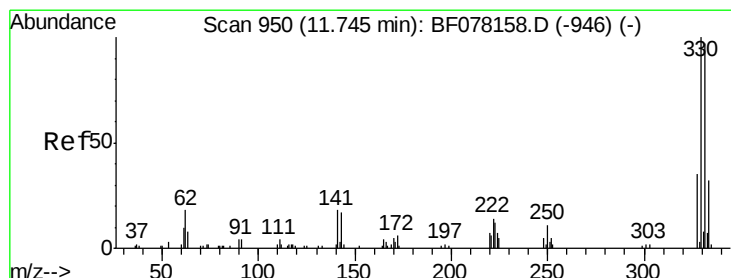
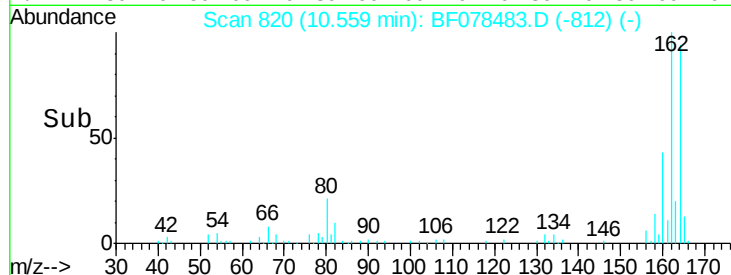
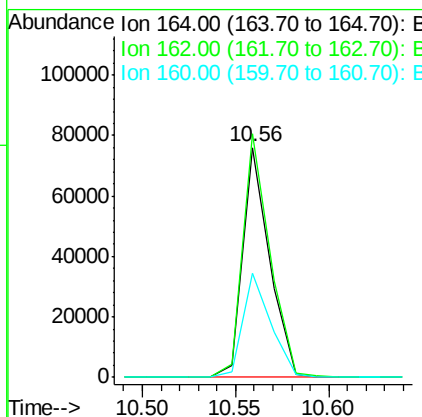
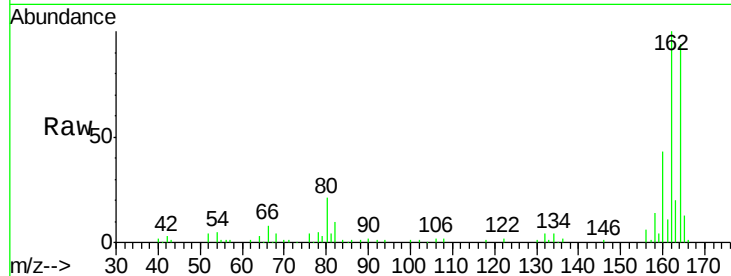
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078483.D
 Acq: 14 Apr 2015 4:11

Instrument :
 BNA_F
 ClientSampleID :
 PE-10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75702		
162	105.8	82.2	123.2	
160	45.0	34.7	52.1	

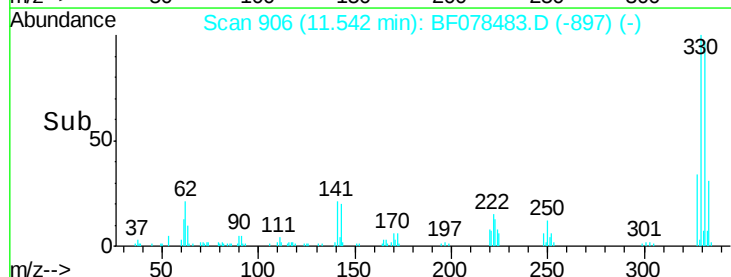
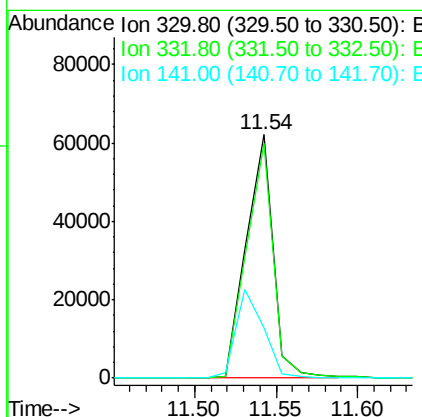
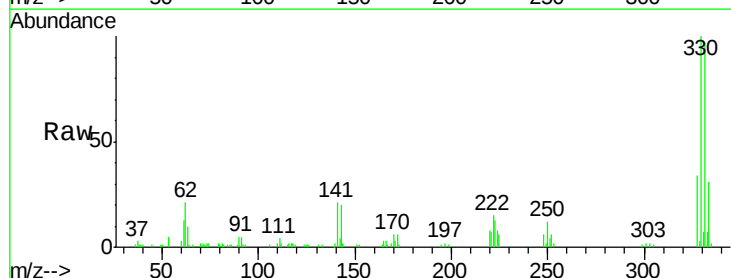
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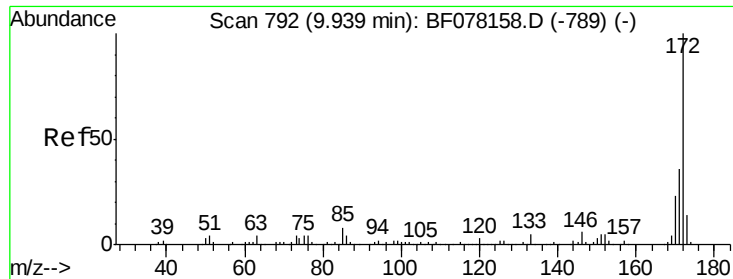
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#41
 2,4,6-Tribromophenol
 Concen: 113.60 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078483.D
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	71321		
332	95.8	78.6	117.8	
141	37.0	31.2	46.8	





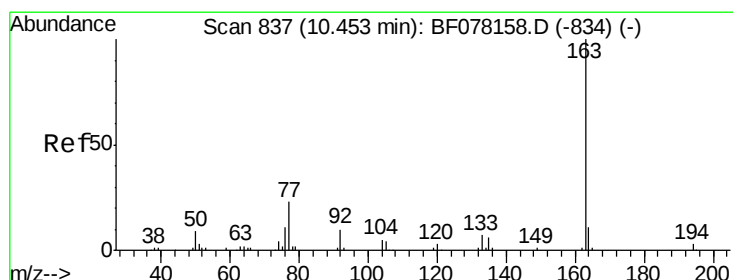
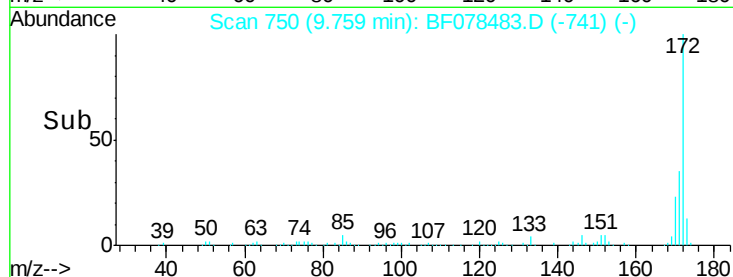
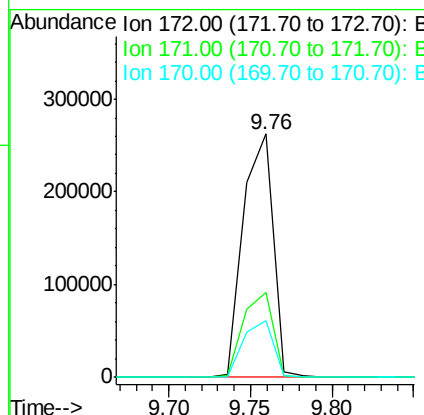
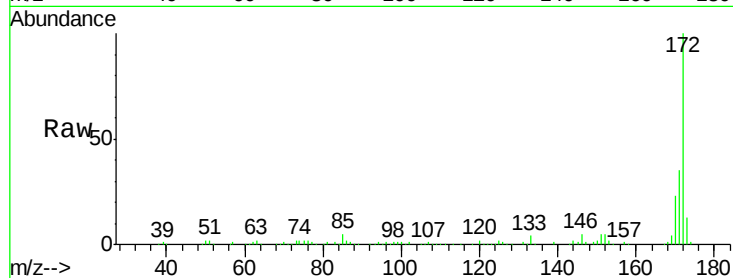
#44
 2-Fluorobiphenyl
 Concen: 62.90 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078483.D
 Acq: 14 Apr 2015 4:11

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Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.8	28.6	42.8
170	23.1	18.5	27.7

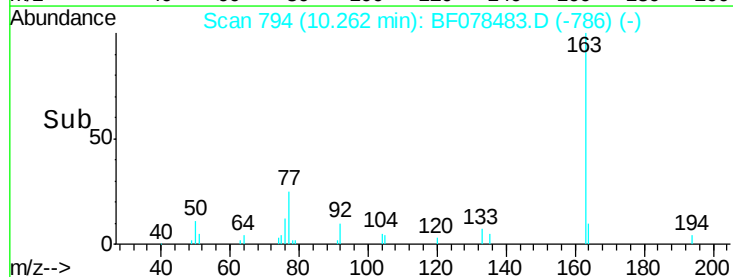
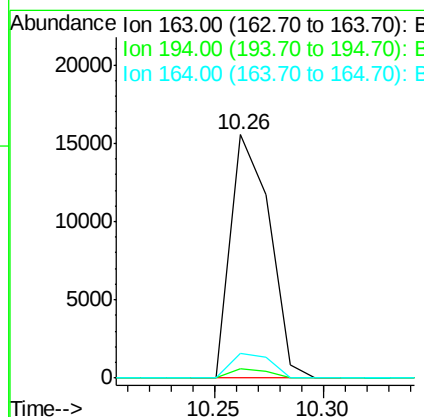
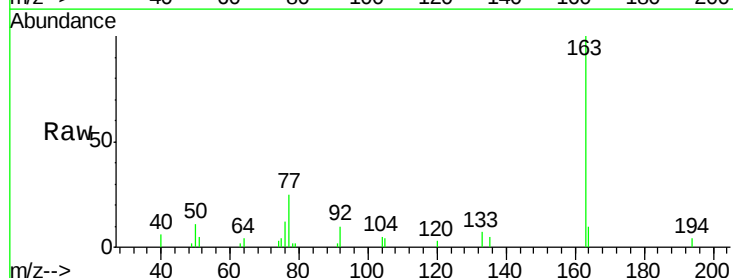
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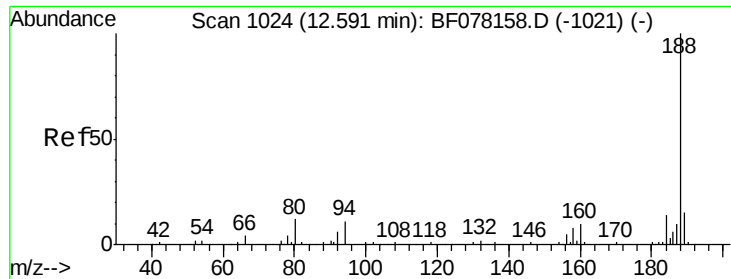
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#49
 Dimethylphthalate
 Concen: 3.39 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF078483.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.3	3.5#
164	10.4	8.6	13.0





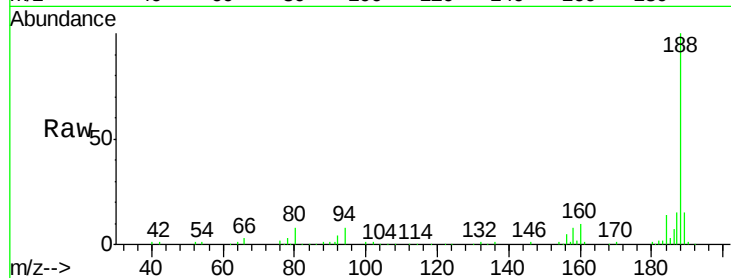
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078483.D
Acq: 14 Apr 2015 4:11

Instrument :
BNA_F
ClientSampleId :
PE-10

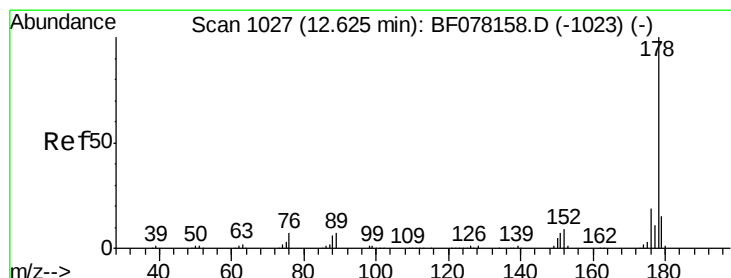
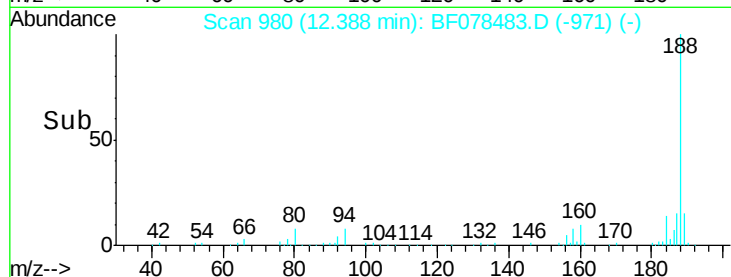
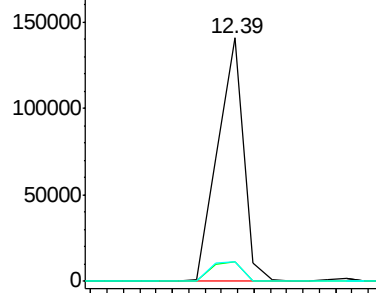
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	9.0	13.4#
80	8.3	9.5	14.3#

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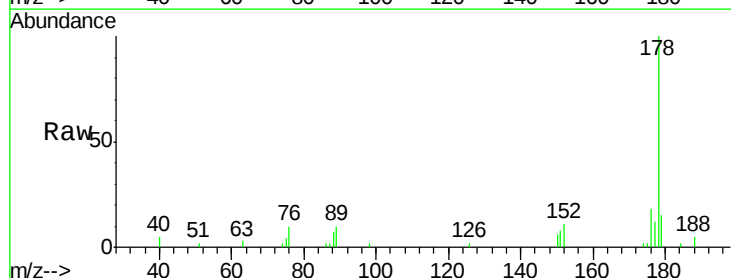


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

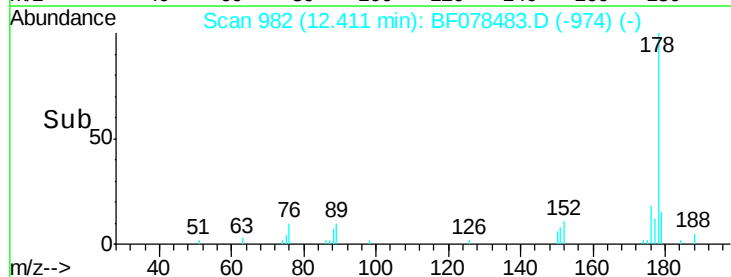
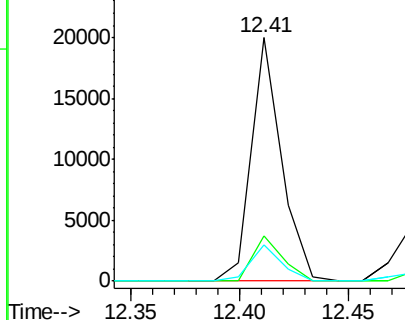


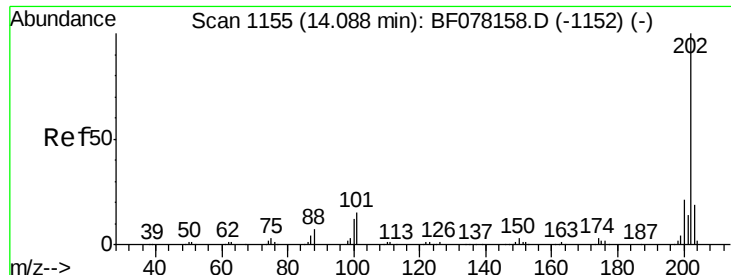
#70
Phenanthrene
Concen: 2.15 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078483.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.5	15.4	23.0
179	14.9	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 5.01 ng

RT: 13.87 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF078483.D

Acq: 14 Apr 2015 4:11

Instrument :

BNA_F

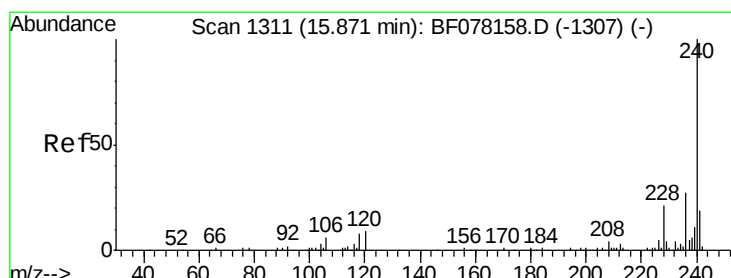
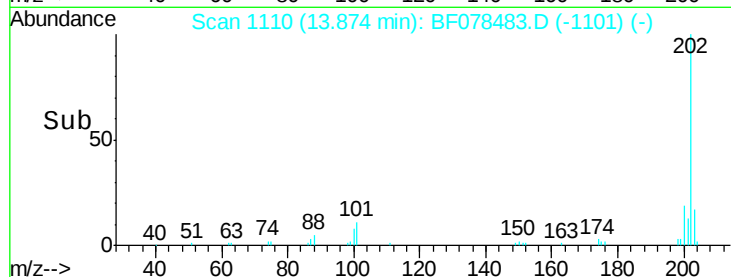
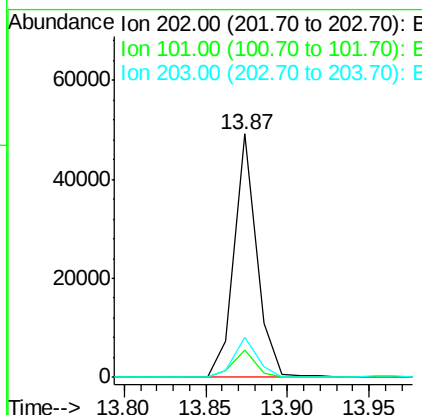
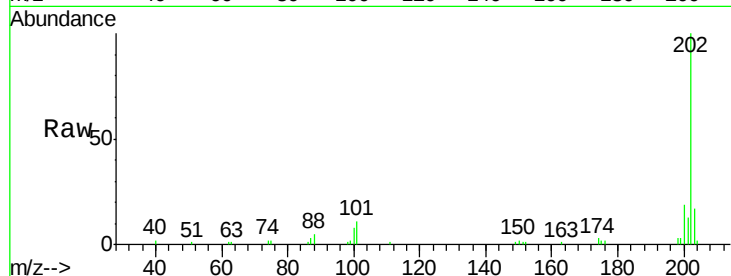
ClientSampleId :

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Tgt Ion:	202	Resp:	47201
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	35.2
203	16.6	0.0	38.5

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#75

Chrysene-d12

Concen: 20.00 ng

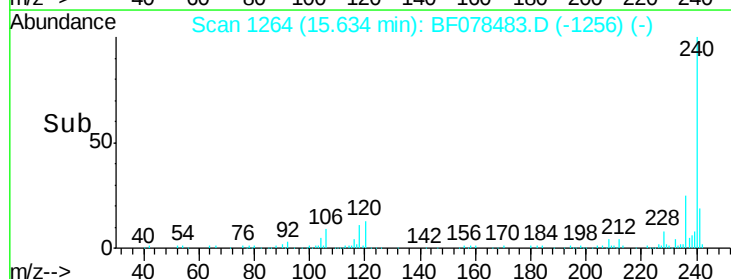
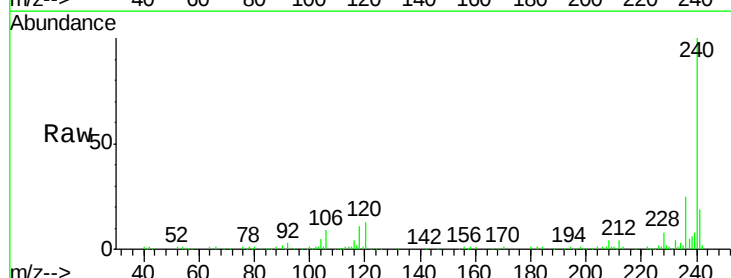
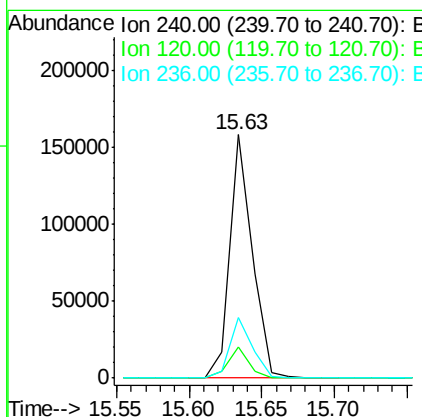
RT: 15.63 min Scan# 1264

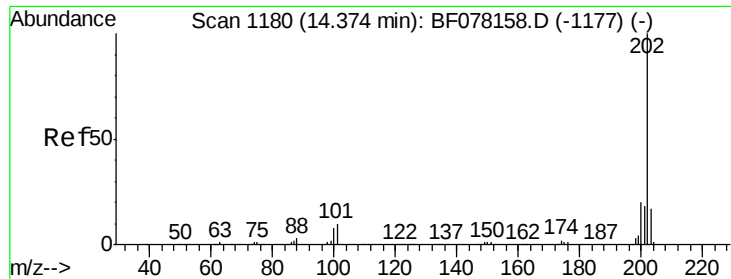
Delta R.T. -0.01 min

Lab File: BF078483.D

Acq: 14 Apr 2015 4:11

Tgt Ion:	240	Resp:	170995
Ion Ratio	Lower	Upper	
240	100		
120	12.9	7.1	10.7#
236	24.9	21.4	32.2





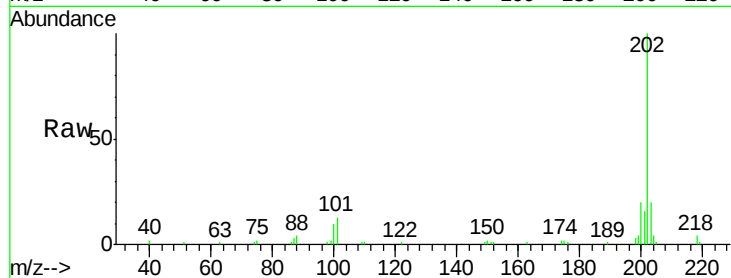
#77
 Pyrene
 Concen: 5.03 ng
 RT: 14.15 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF078483.D
 Acq: 14 Apr 2015 4:11

Instrument :
 BNA_F
 ClientSampleId :
 PE-10

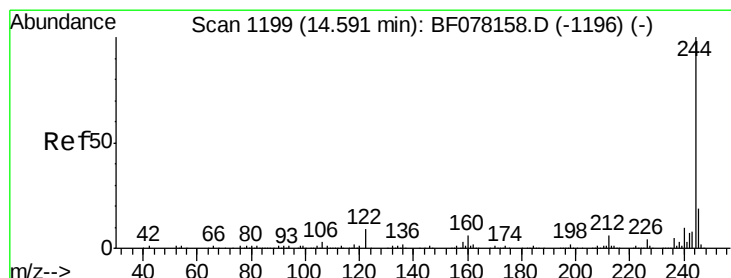
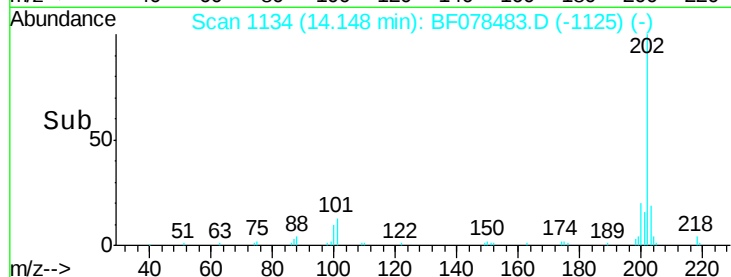
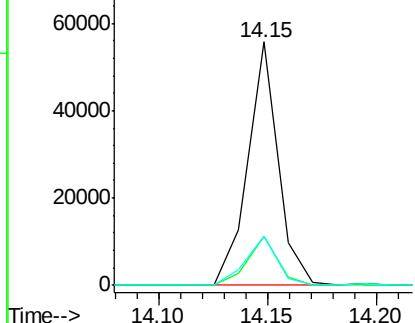
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	16.3	24.5
203	20.0	13.8	20.6

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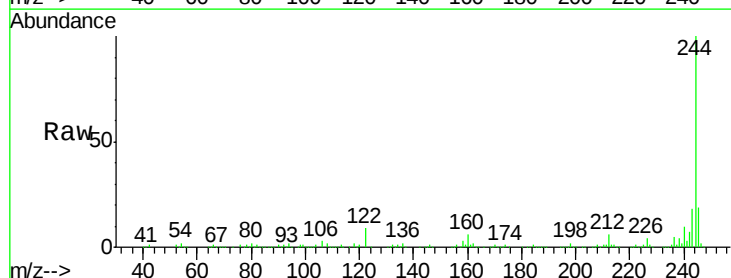


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

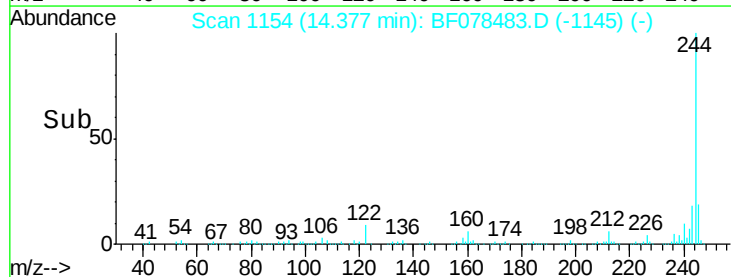
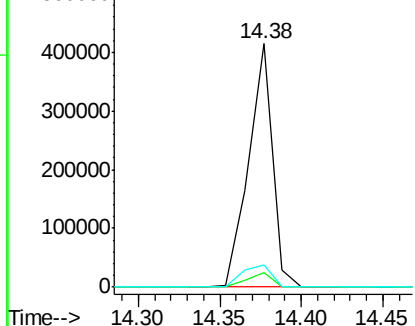


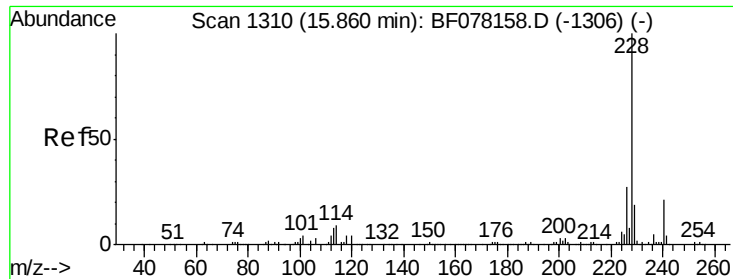
#78
 Terphenyl-d14
 Concen: 55.67 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF078483.D
 Acq: 14 Apr 2015 4:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.1	5.0	7.4
122	9.2	7.1	10.7



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





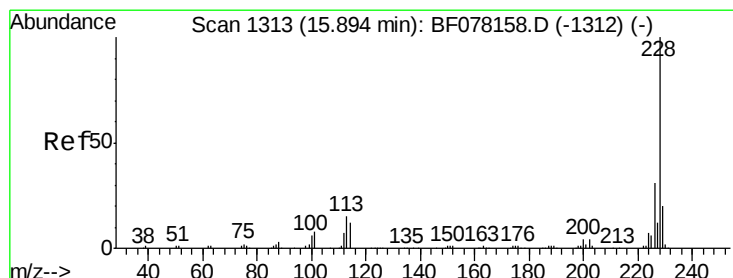
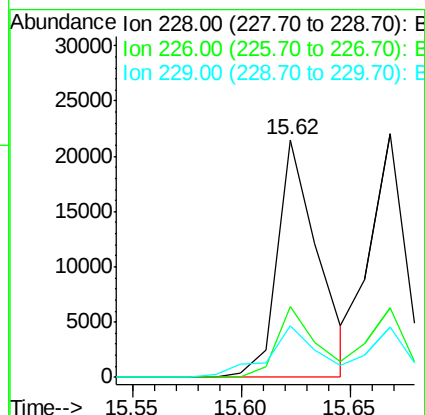
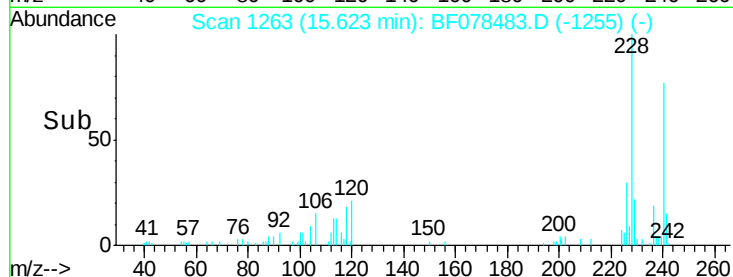
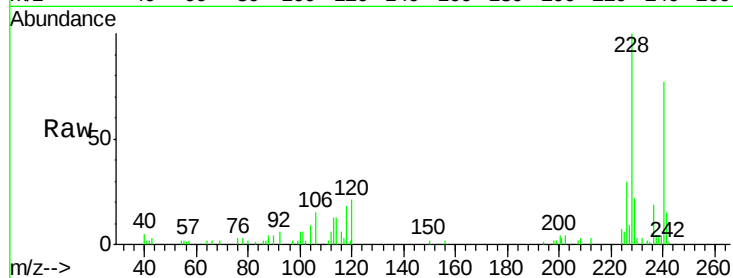
#80
Benzo(a)anthracene
Concen: 2.78 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF078483.D
Acq: 14 Apr 2015 4:11

Instrument :
BNA_F
ClientSampleId :
PE-10

Tgt Ion:	228	Resp:	28261
Ion Ratio	Lower	Upper	
228	100		
226	29.9	21.3	31.9
229	21.6	15.4	23.2

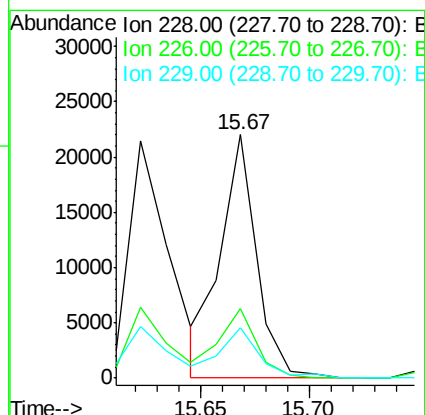
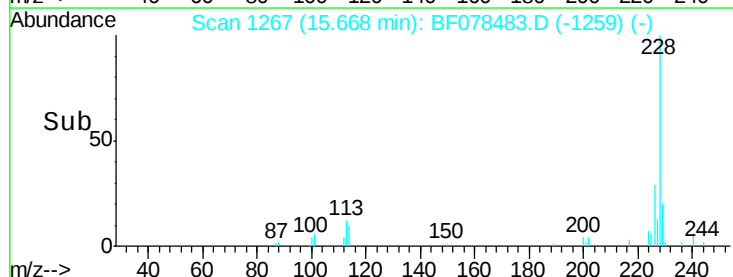
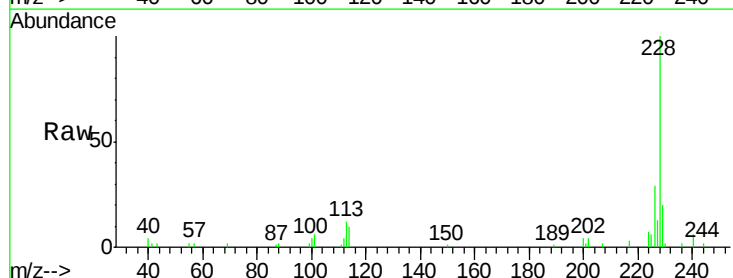
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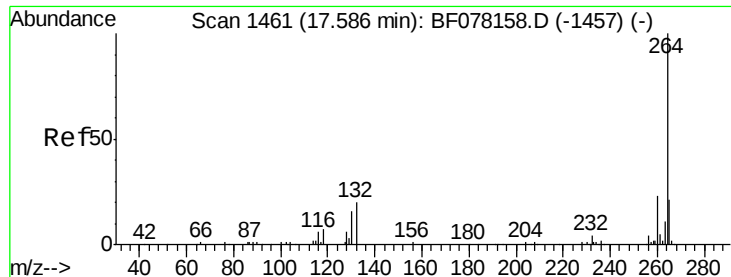
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#82
Chrysene
Concen: 2.63 ng
RT: 15.67 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF078483.D
Acq: 14 Apr 2015 4:11

Tgt Ion:	228	Resp:	25169
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.2	36.4
229	20.4	15.8	23.8





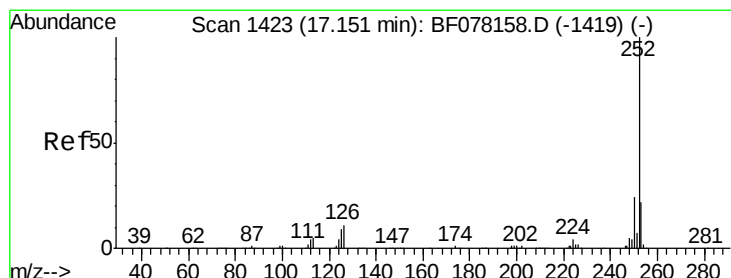
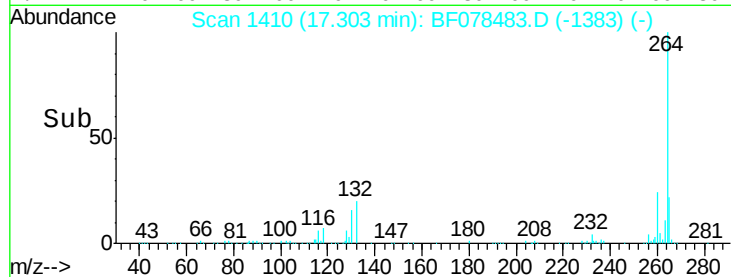
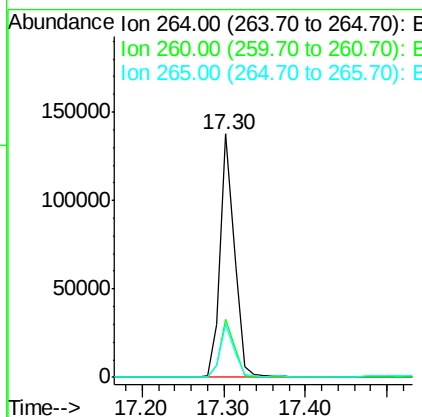
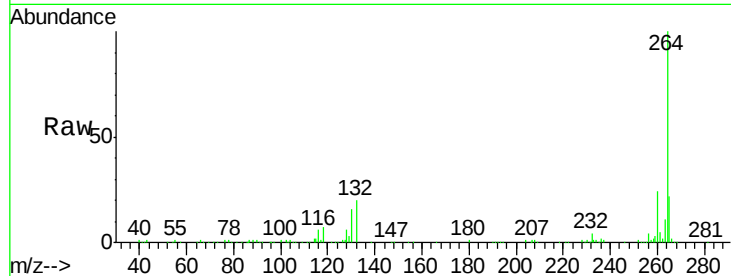
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.30 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF078483.D
Acq: 14 Apr 2015 4:11

Instrument :
BNA_F
ClientSampleId :
PE-10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	167406		
260	23.7	18.6	27.8	
265	21.5	17.0	25.6	

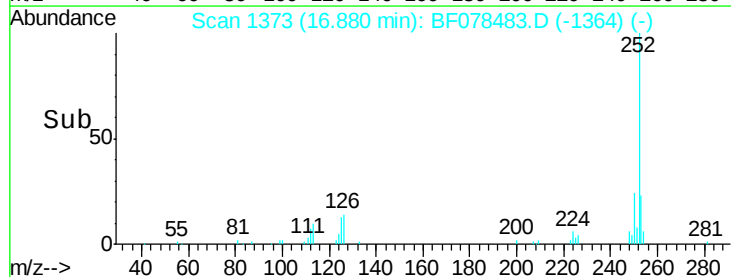
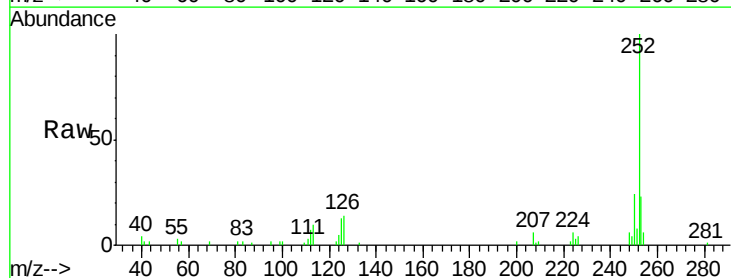
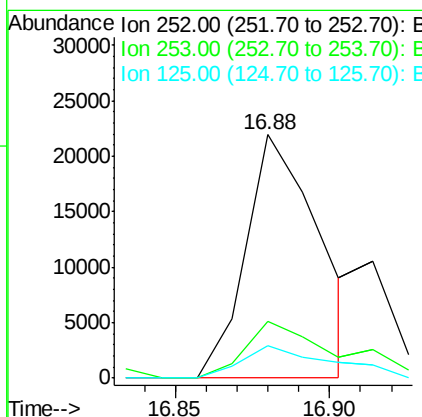
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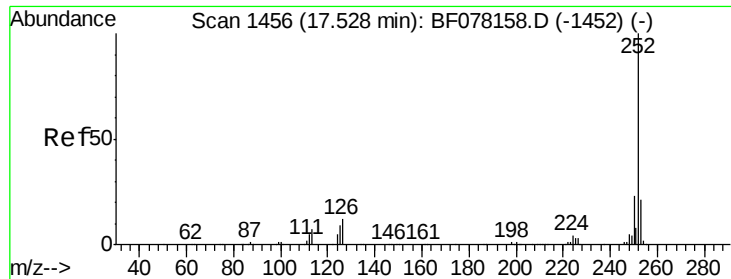
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#87
Benzo(b)fluoranthene
Concen: 3.52 ng m
RT: 16.88 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF078483.D
Acq: 14 Apr 2015 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	36422		
253	23.2	17.2	25.8	
125	13.4	7.0	10.4	





#89
 Benzo(a)pyrene
 Concen: 2.65 ng
 RT: 17.25 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF078483.D
 Acq: 14 Apr 2015 4:11

Instrument :
 BNA_F
 ClientSampleId :
 PE-10

Tgt Ion:	252	Resp:	23914
Ion Ratio	Lower	Upper	
252	100		
253	22.7	16.8	25.2
125	9.5	7.4	11.0

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