

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078440.D
 Acq On : 11 Apr 2015 13:13
 Operator : TP/IZ
 Sample : G1793-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

Manual Integrations
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Quant Time: Apr 13 04:19:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 02:33:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	38805	20.00	ng	0.01
21) Naphthalene-d8	8.44	136	166287	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	85832	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	171474	20.00	ng	0.00
75) Chrysene-d12	15.68	240	191202	20.00	ng	0.00
86) Perylene-d12	17.38	264	189533	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	166325	70.67	ng	0.01
7) Phenol-d6	6.46	99	226813	76.90	ng	0.01
23) Nitrobenzene-d5	7.56	82	134418	49.00	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	61499	86.39	ng	0.01
44) 2-Fluorobiphenyl	9.78	172	271825	45.27	ng	0.00
78) Terphenyl-d14	14.41	244	322001	38.05	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.29	163	15960	2.48	ng	99
70) Phenanthrene	12.45	178	20042	2.02	ng	98
74) Fluoranthene	13.92	202	89195	8.53	ng	92
77) Pyrene	14.19	202	79540	6.63	ng	98
80) Benzo(a)anthracene	15.67	228	58999m	5.19	ng	
82) Chrysene	15.71	228	58563	5.48	ng	97
83) Bis(2-ethylhexyl)phthalate	15.76	149	56563	7.88	ng	# 93
85) Indeno(1,2,3-cd)pyrene	18.61	276	49007m	4.04	ng	
87) Benzo(b)fluoranthene	16.95	252	93796m	8.01	ng	
88) Benzo(k)fluoranthene	16.97	252	35317m	3.39	ng	
89) Benzo(a)pyrene	17.31	252	60703	5.94	ng	# 96
91) Benzo(g,h,i)perylene	18.97	276	47718m	4.65	ng	

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

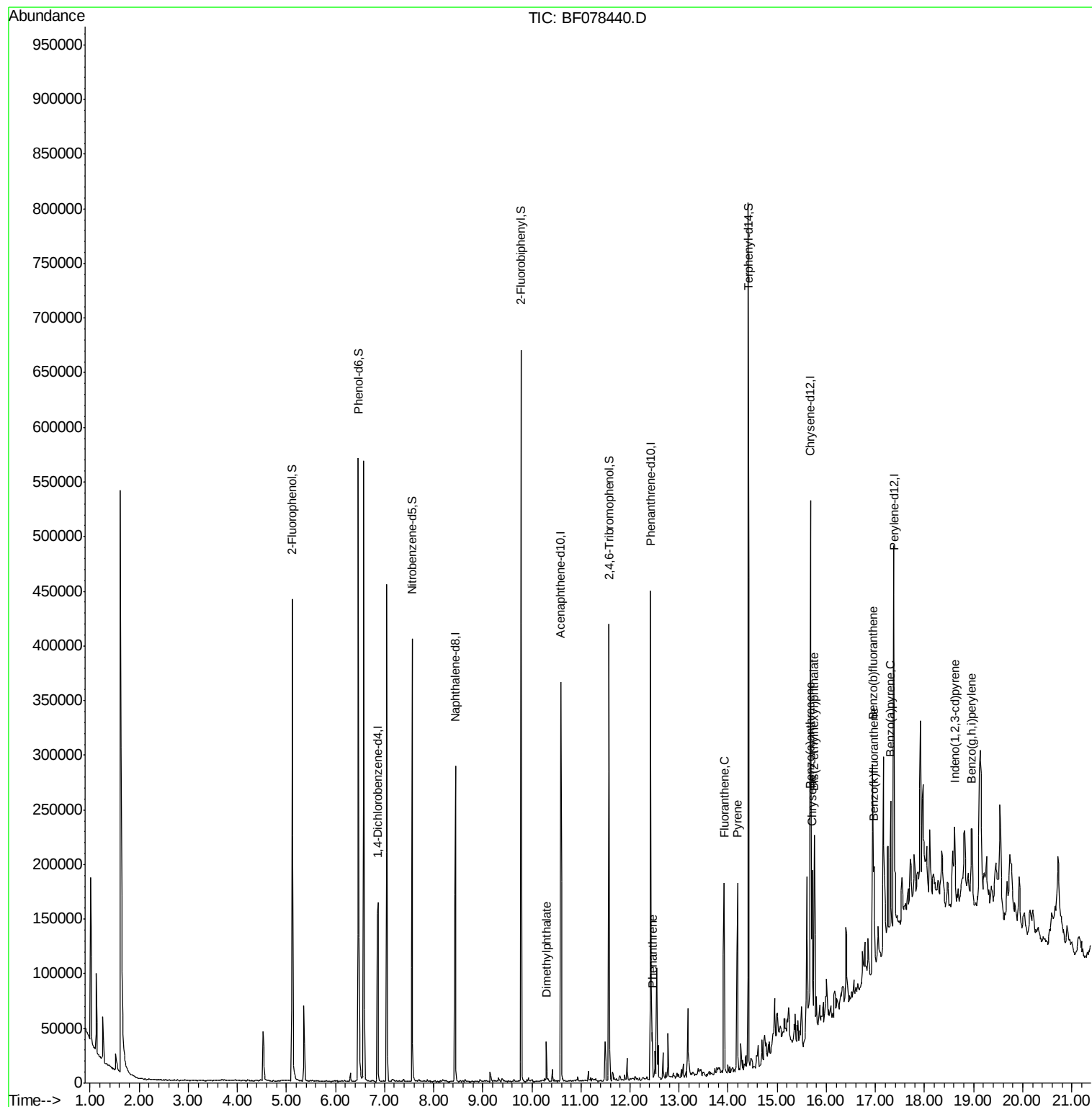
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078440.D
Acq On : 11 Apr 2015 13:13
Operator : TP/IZ
Sample : G1793-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

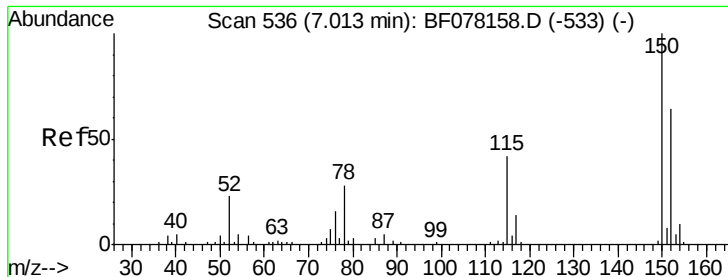
Instrument :
BNA_F
ClientSampleId :
SB-7S

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Quant Time: Apr 13 04:19:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

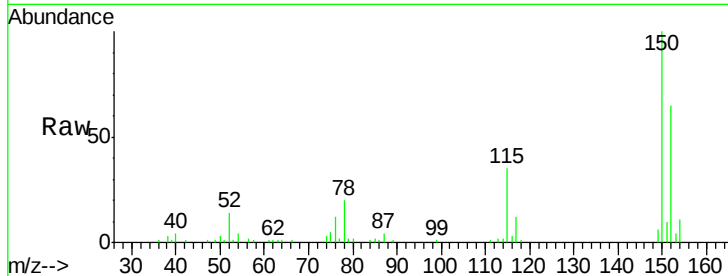




#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

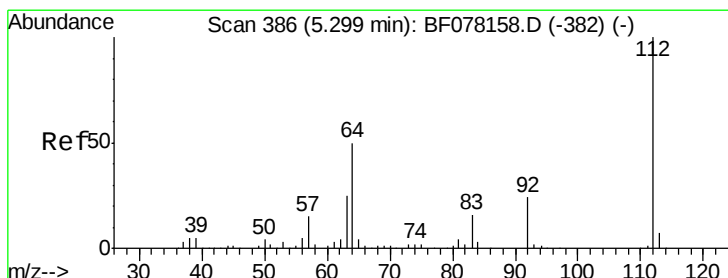
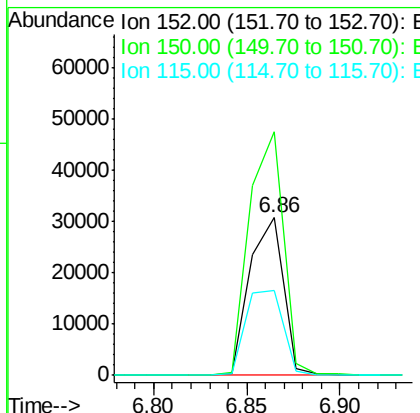
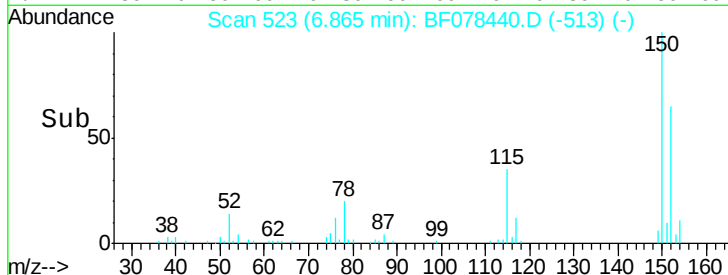
Instrument :
 BNA_F
 ClientSampleId :
 SB-7S



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	38805		
150	154.3	125.9	188.9	
115	53.9	52.7	79.1	

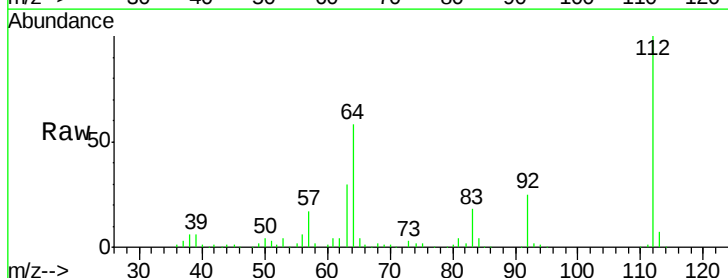
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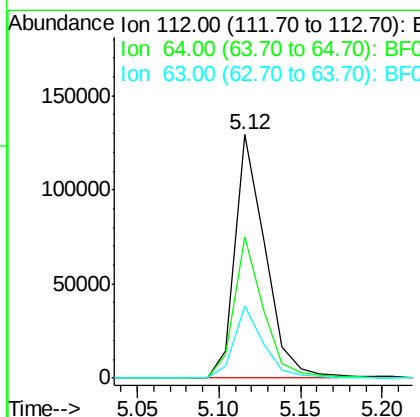
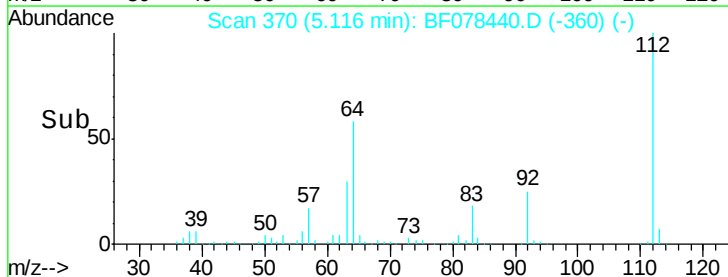


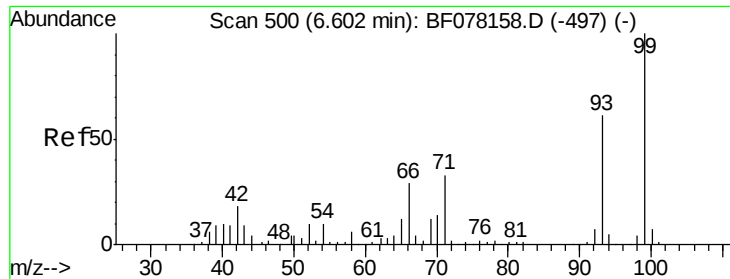
#5

2-Fluorophenol
 Concen: 70.67 ng
 RT: 5.12 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	166325		
64	58.1	39.9	59.9	
63	29.7	20.2	30.4	





#7

Phenol-d6

Concen: 76.90 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF078440.D

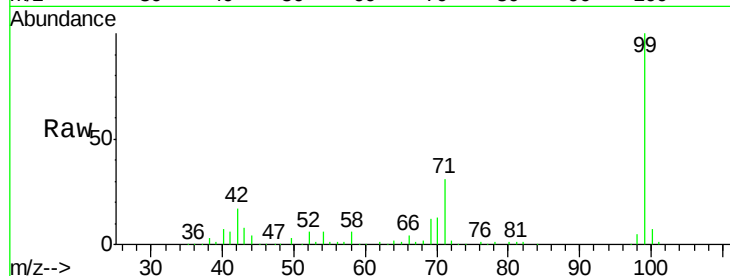
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Instrument :

BNA_F

ClientSampled :

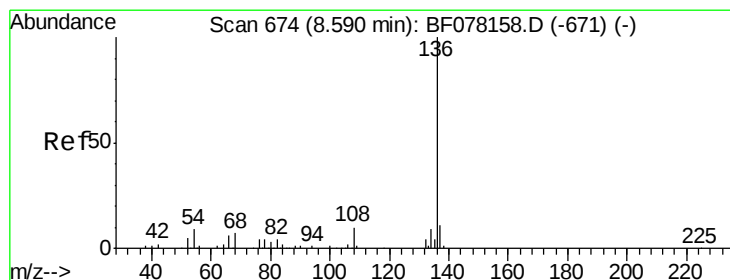
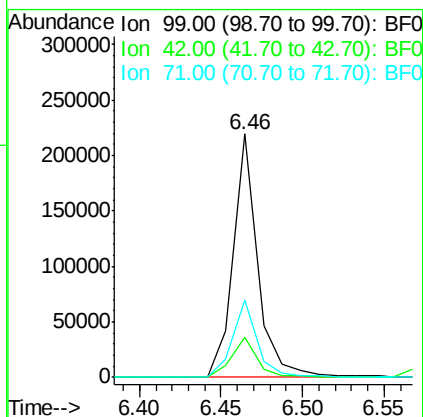
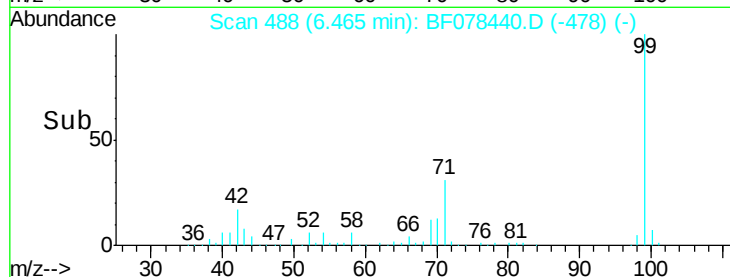
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Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.8	22.2
71	31.5	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

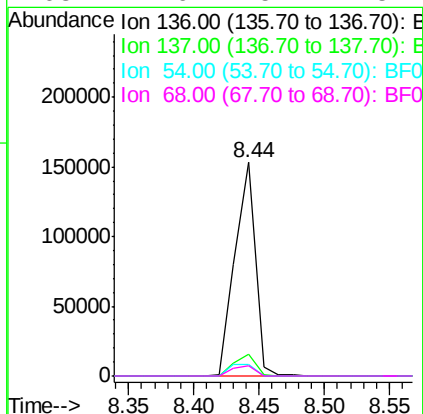
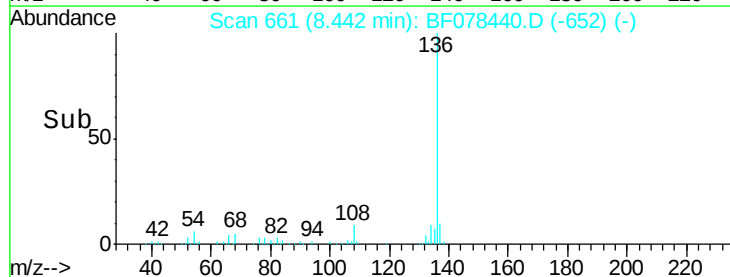
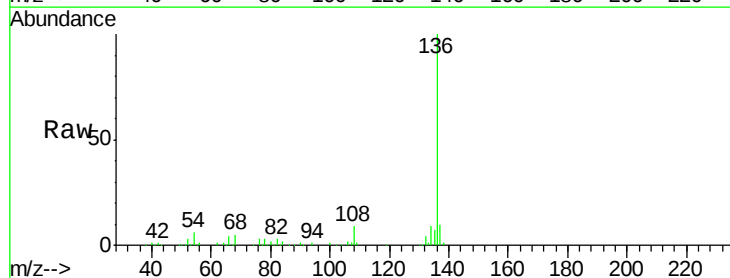
RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.6	7.0	10.6#
68	4.6	5.4	8.2#





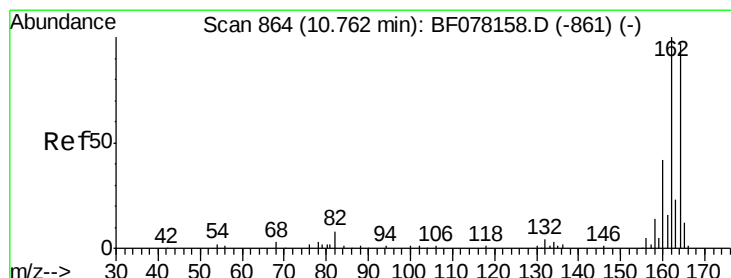
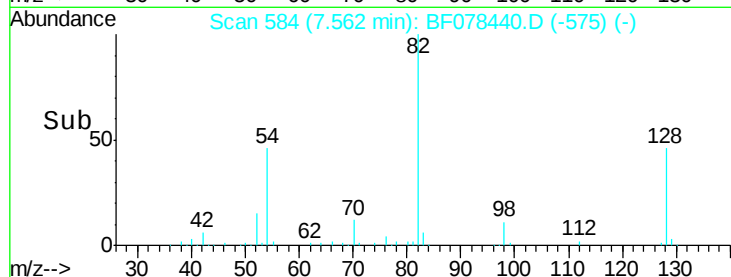
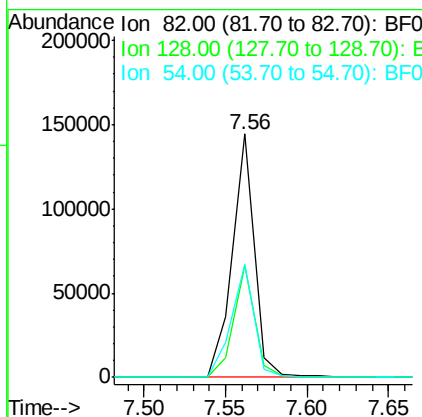
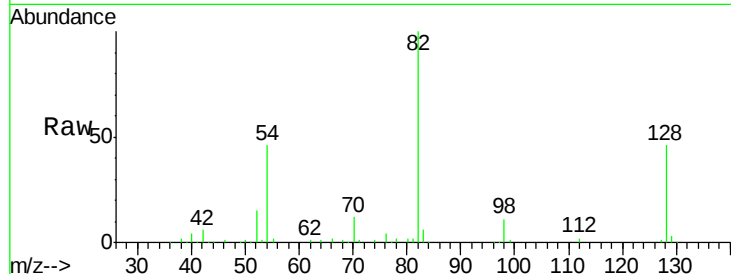
#23
 Nitrobenzene-d5
 Concen: 49.00 ng
 RT: 7.56 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Instrument :
 BNA_F
 ClientSampled :
 SB-7S

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	134418		
128	46.0	31.8	47.8	
54	46.4	41.5	62.3	

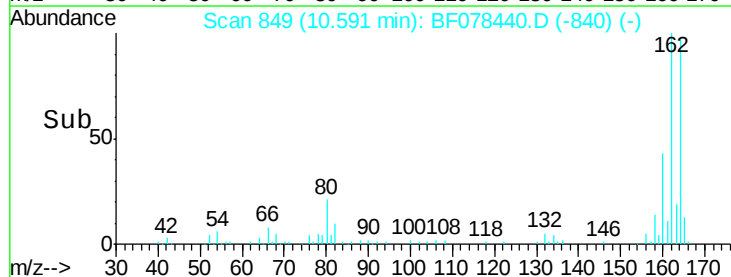
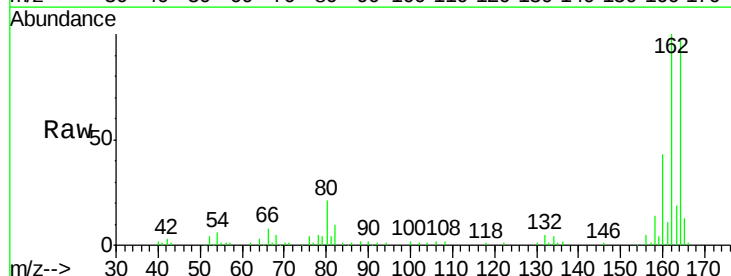
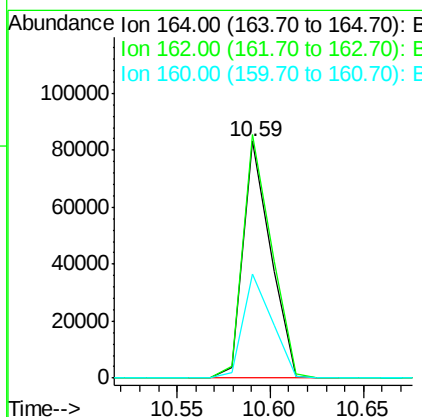
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85832		
162	102.7	82.2	123.2	
160	43.9	34.7	52.1	





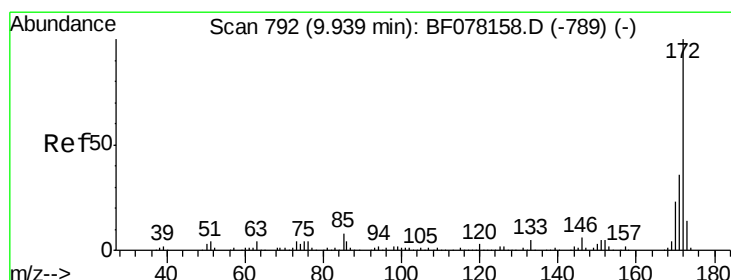
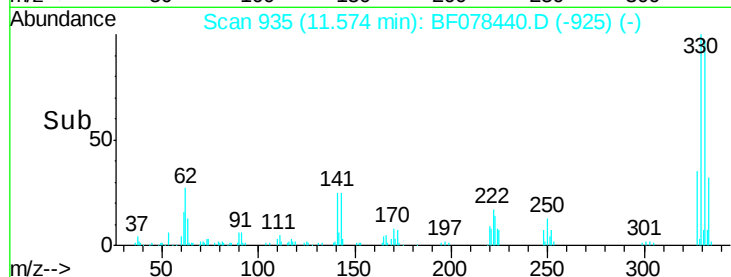
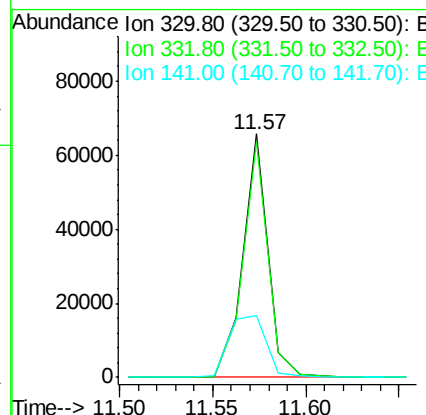
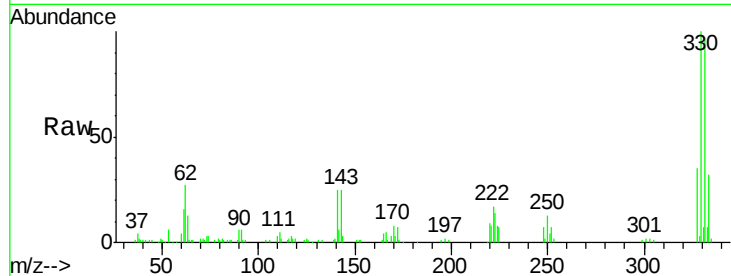
#41
 2,4,6-Tribromophenol
 Concen: 86.39 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	61499		
332	96.7	78.6	117.8	
141	38.2	31.2	46.8	

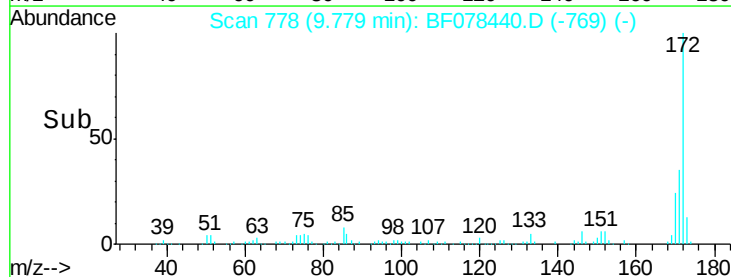
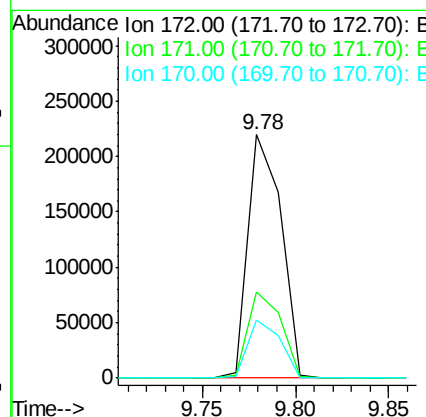
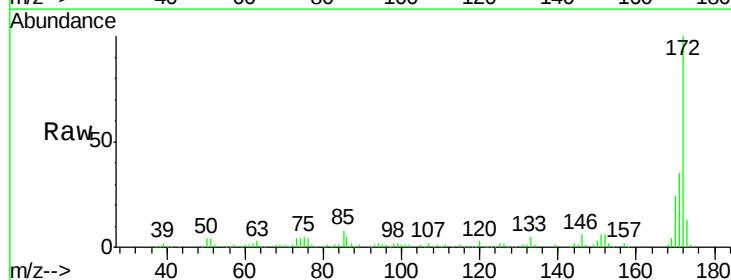
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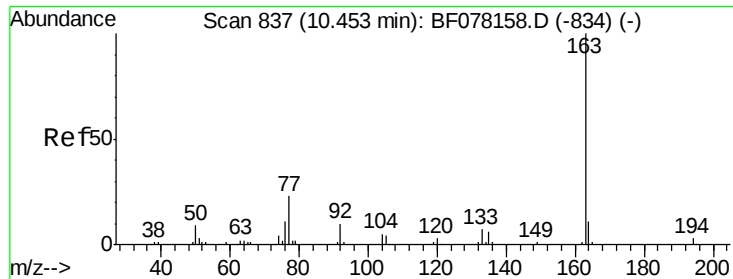
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#44
 2-Fluorobiphenyl
 Concen: 45.27 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	271825		
171	35.4	28.6	42.8	
170	23.9	18.5	27.7	





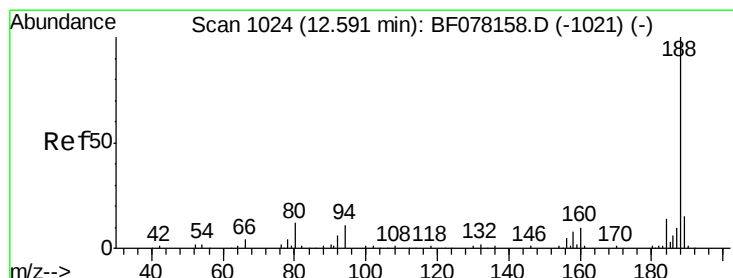
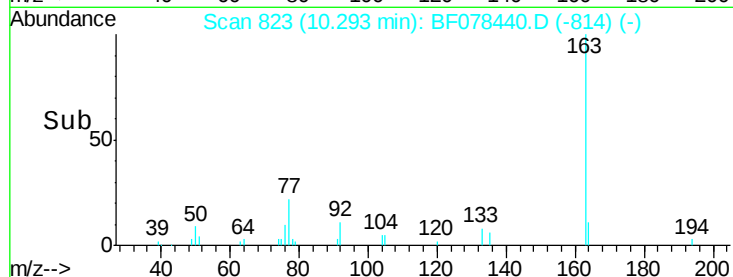
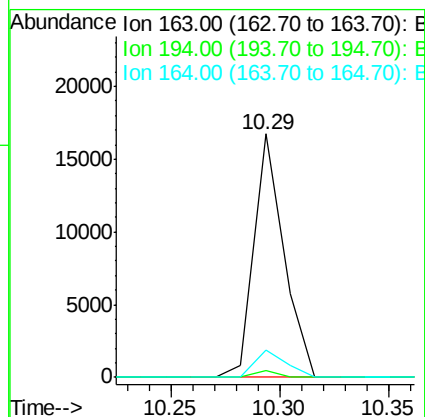
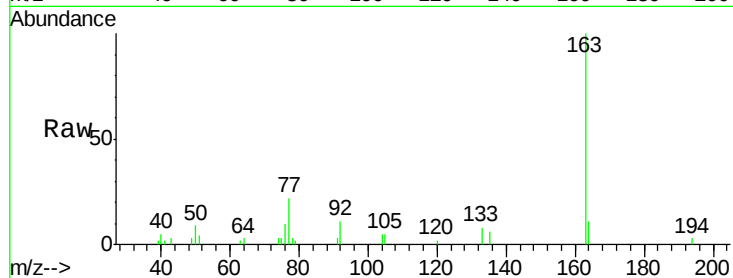
#49
Dimethylphthalate
Concen: 2.48 ng
RT: 10.29 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	15960		
194	2.7		2.3	3.5
164	11.4		8.6	13.0

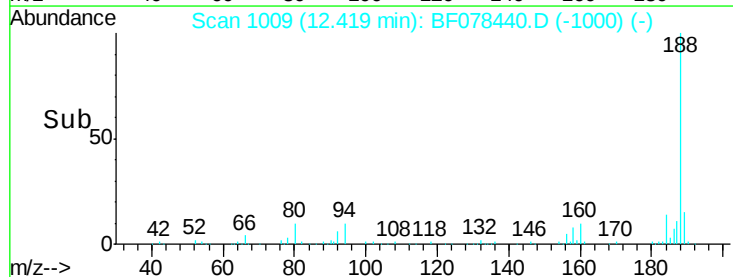
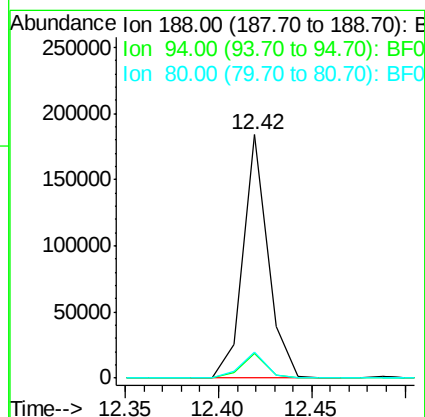
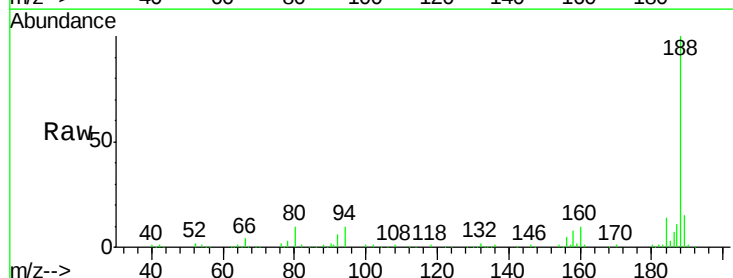
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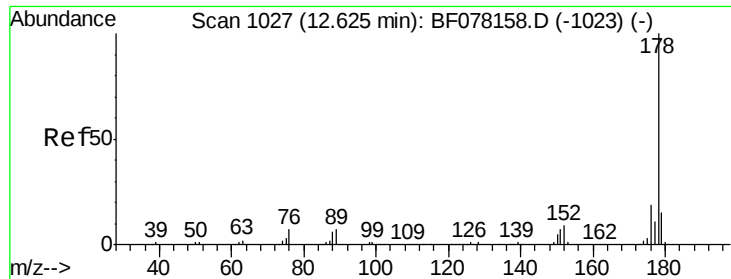
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	171474		
94	10.1		9.0	13.4
80	10.5		9.5	14.3





#70

Phenanthrene

Concen: 2.02 ng

RT: 12.45 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Instrument :

BNA_F

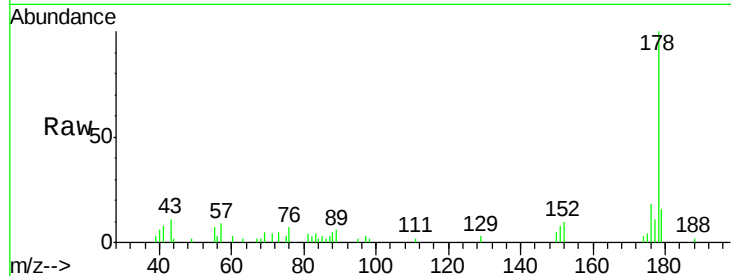
ClientSampleId :

SB-7S

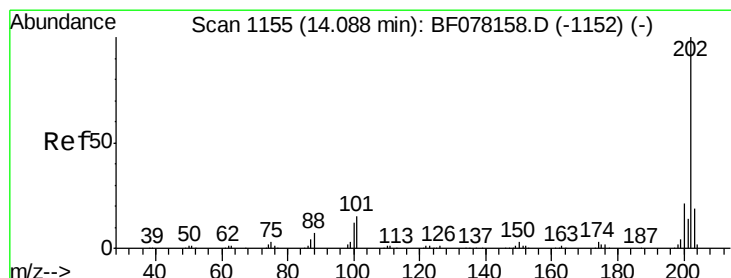
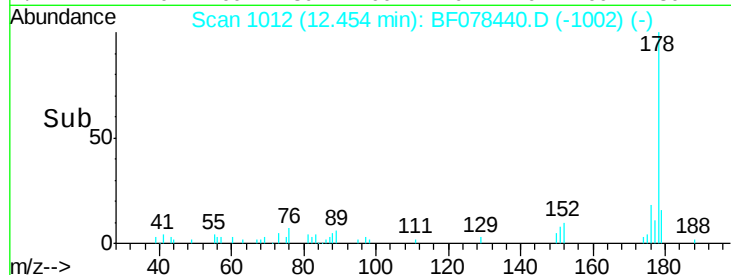
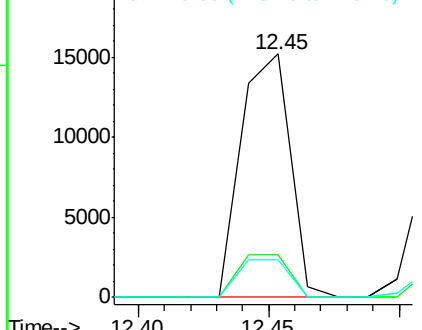
Tgt Ion:	178	Resp:	20042
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.4	23.0
179	15.5	12.2	18.2

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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: 8.53 ng

RT: 13.92 min Scan# 1140

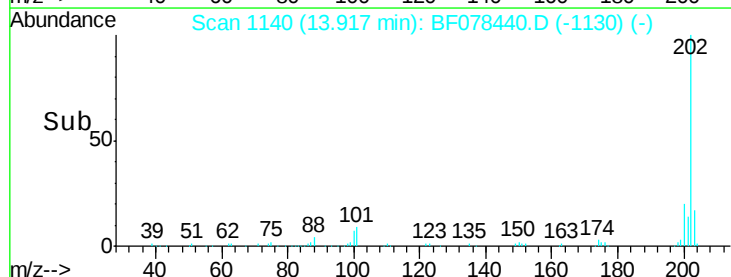
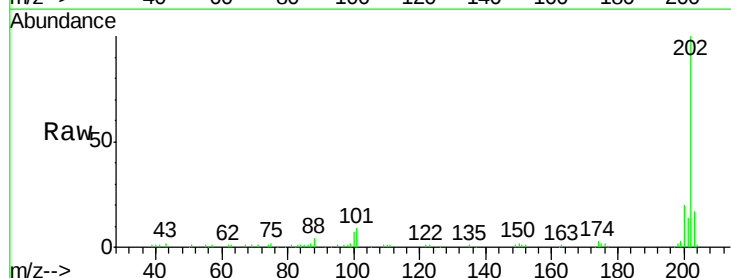
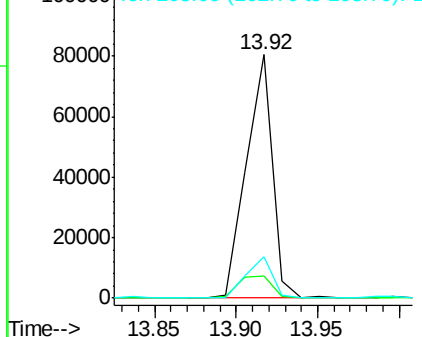
Delta R.T. 0.01 min

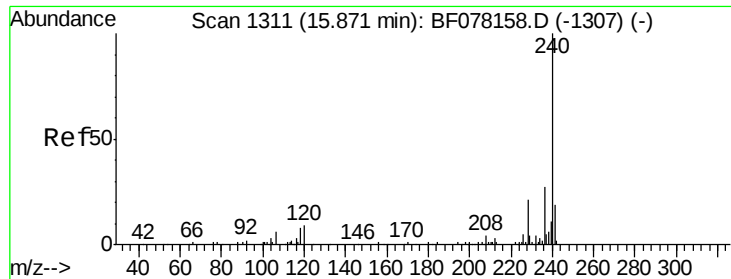
Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Tgt Ion:	202	Resp:	89195
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	35.2
203	17.0	0.0	38.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Instrument :

BNA_F

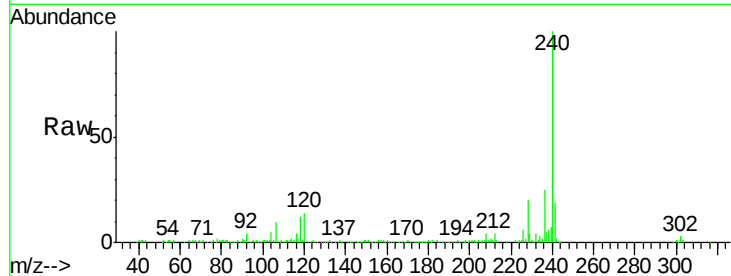
ClientSampleId :

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Tgt	Ion	240	Resp:	191202
Ion	Ratio	Lower	Upper	
240	100			
120	14.1	7.1	10.7#	
236	25.1	21.4	32.2	

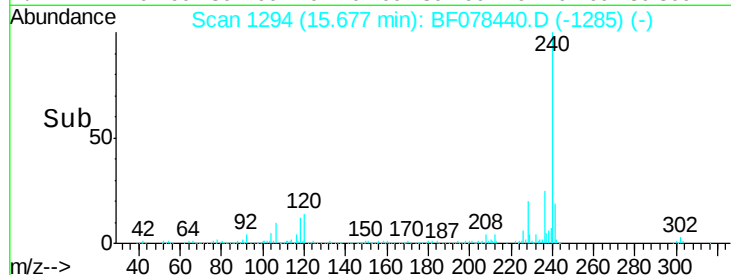
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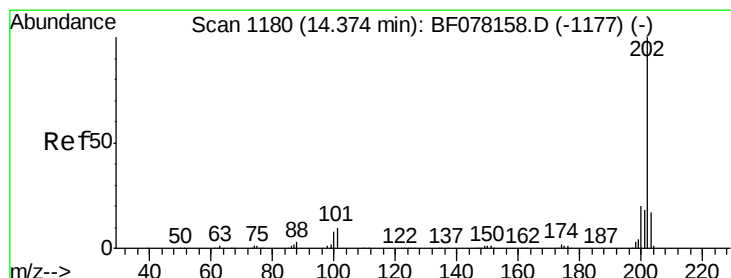


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

15.68



Time-->



#77

Pyrene

Concen: 6.63 ng

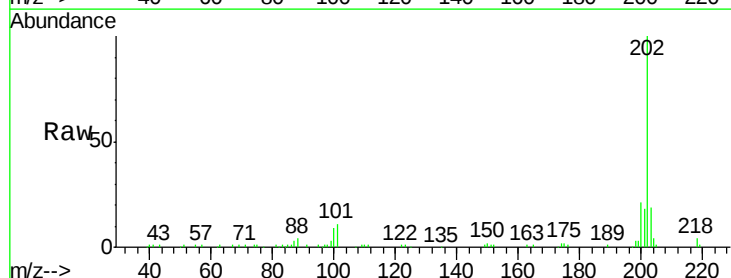
RT: 14.19 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF078440.D

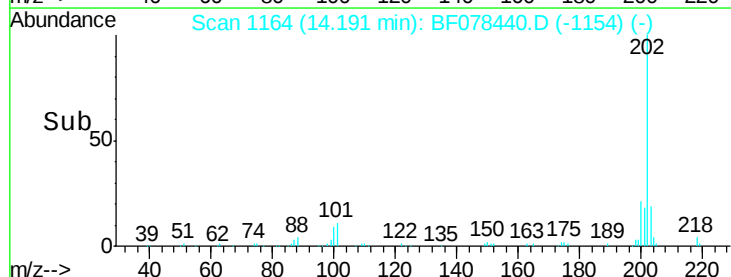
Acq: 11 Apr 2015 13:13

Tgt	Ion	202	Resp:	79540
Ion	Ratio	Lower	Upper	
202	100			
200	20.6	16.3	24.5	
203	19.1	13.8	20.6	

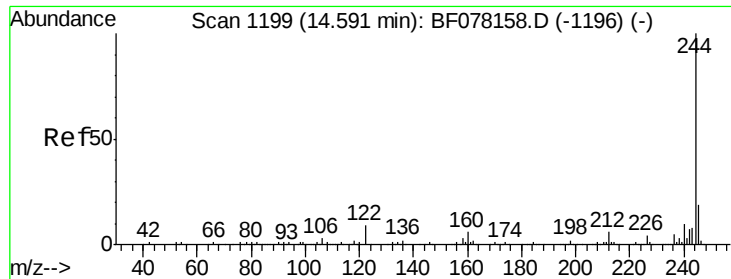


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

14.19



Time-->



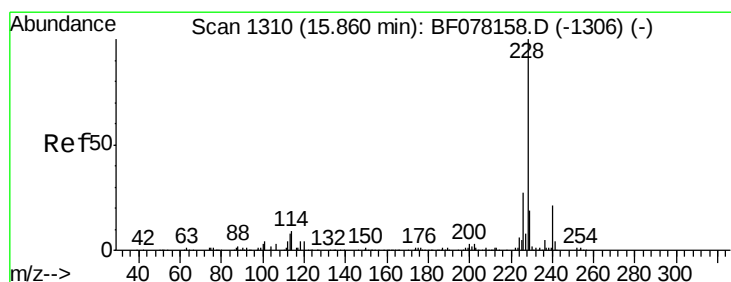
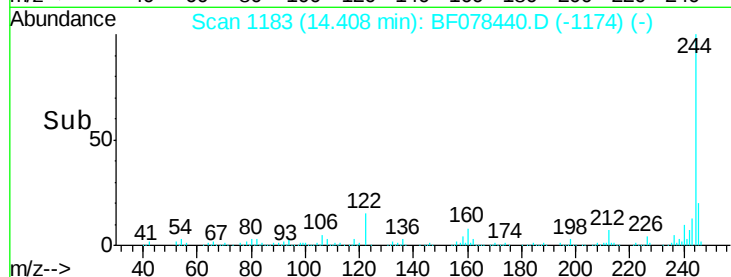
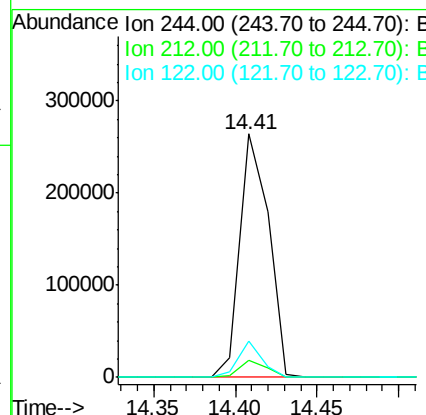
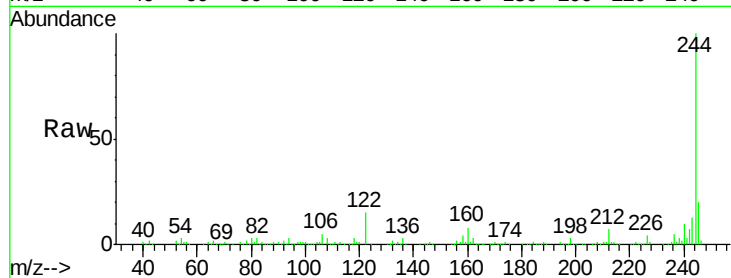
#78
 Terphenyl-d14
 Concen: 38.05 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.0	7.4
122	14.9	7.1	10.7

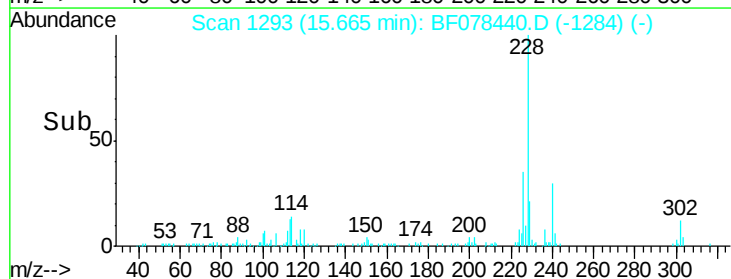
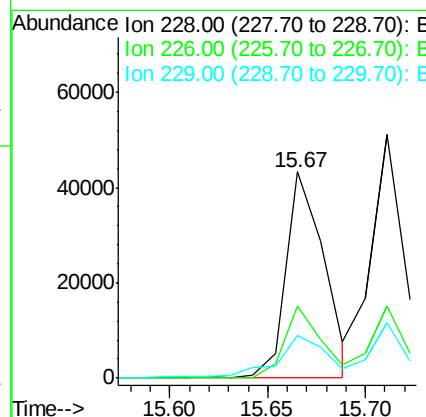
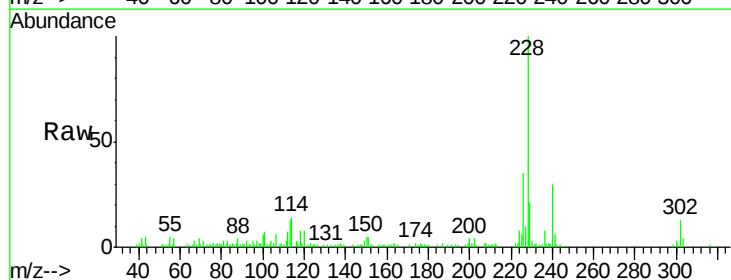
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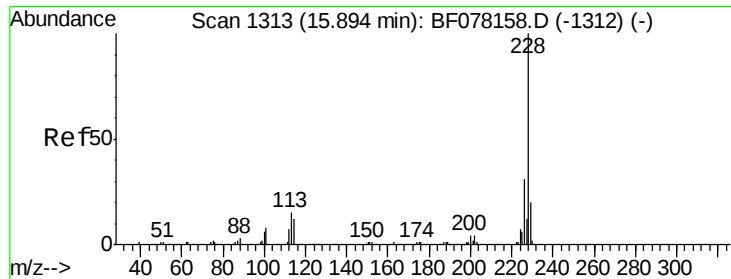
apatel
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#80
 Benzo(a)anthracene
 Concen: 5.19 ng m
 RT: 15.67 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	34.9	21.3	31.9
229	20.7	15.4	23.2





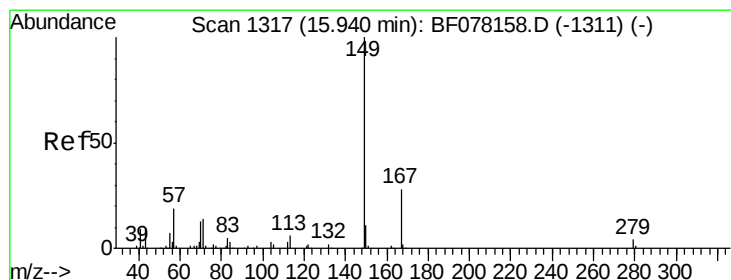
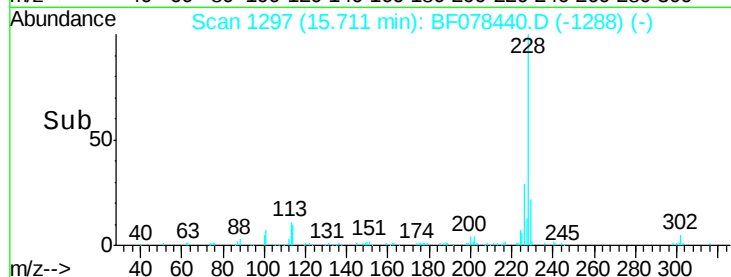
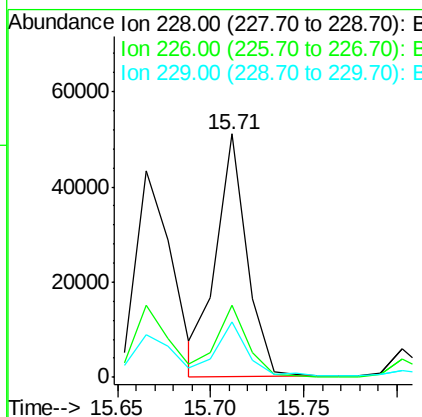
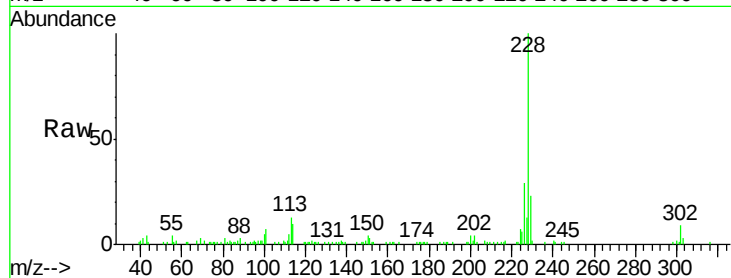
#82
 Chrysene
 Concen: 5.48 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	22.5	15.8	23.8

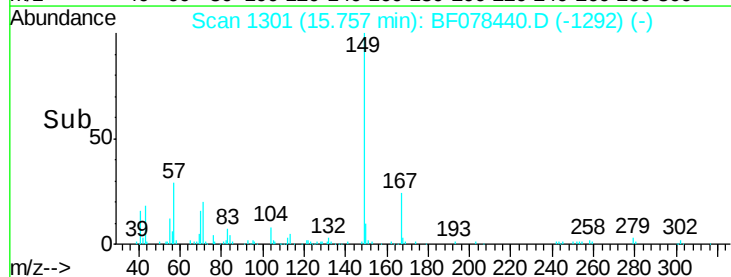
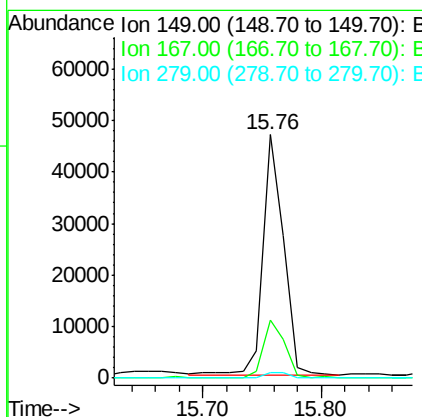
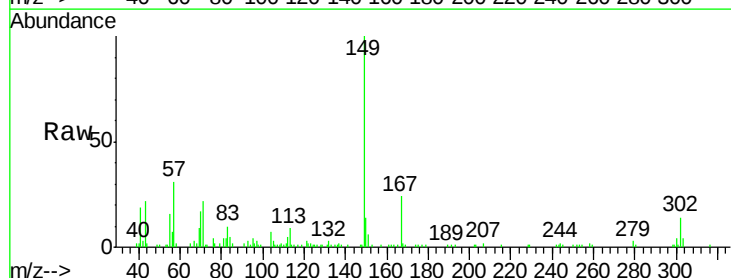
Manual Integrations
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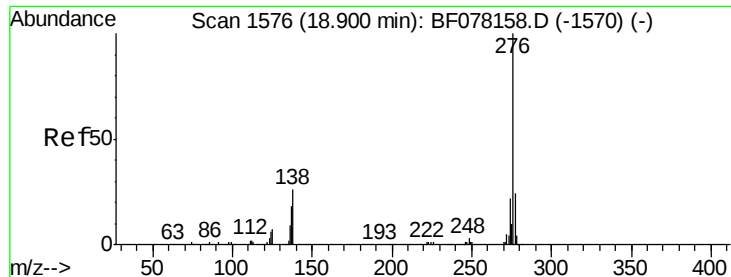
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.88 ng
 RT: 15.76 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.7	22.2	33.2
279	2.5	3.2	4.8#





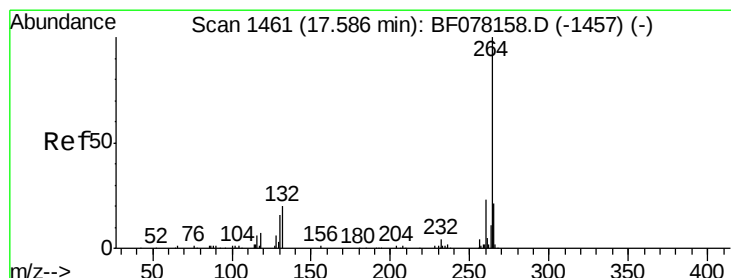
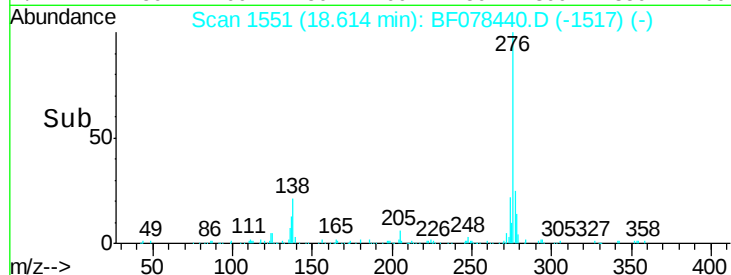
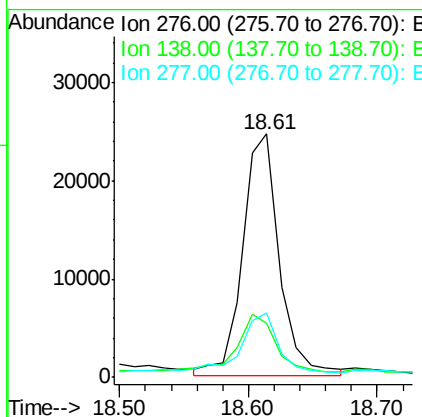
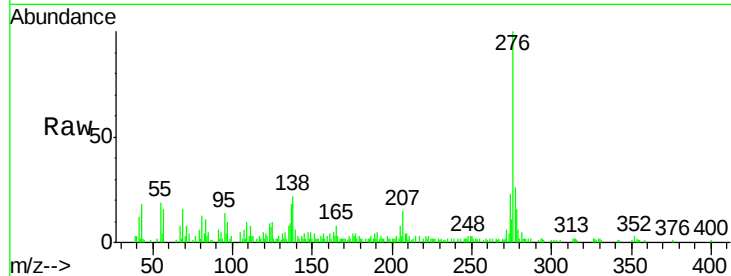
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng m
RT: 18.61 min Scan# 1551
Delta R.T. 0.09 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Instrument :
BNA_F
ClientSampleId :
SB-7S

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.6	16.9	25.3#
277	4.9	15.8	23.6#

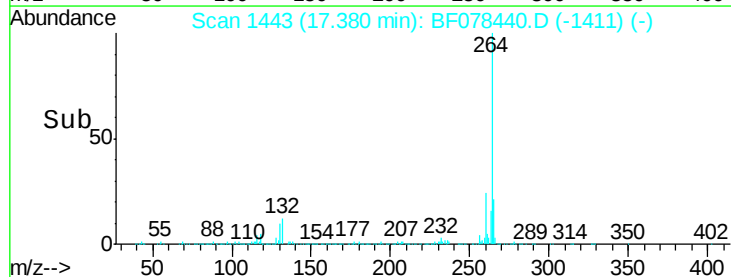
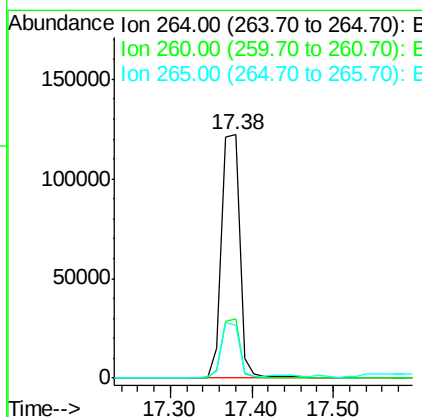
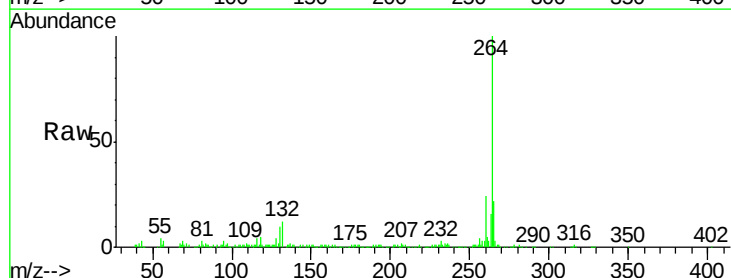
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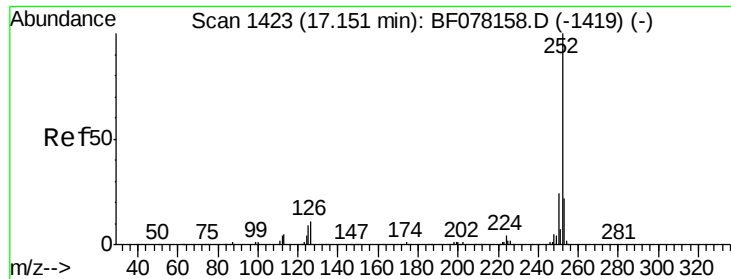
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1443
Delta R.T. 0.07 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.6	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 8.01 ng m

RT: 16.95 min Scan# 1405

Delta R.T. 0.03 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Instrument :

BNA_F

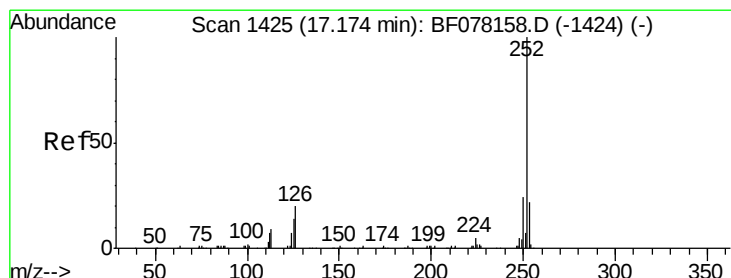
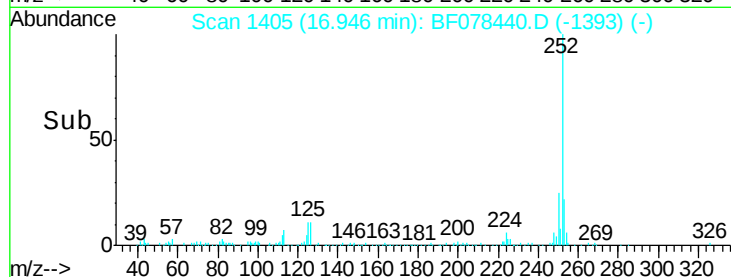
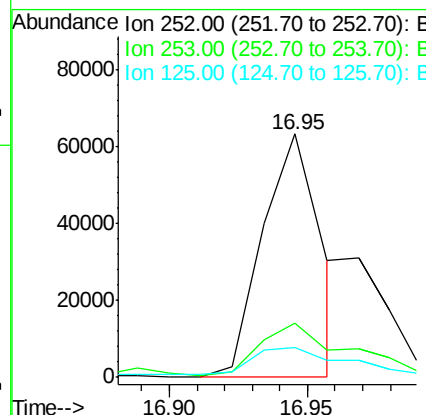
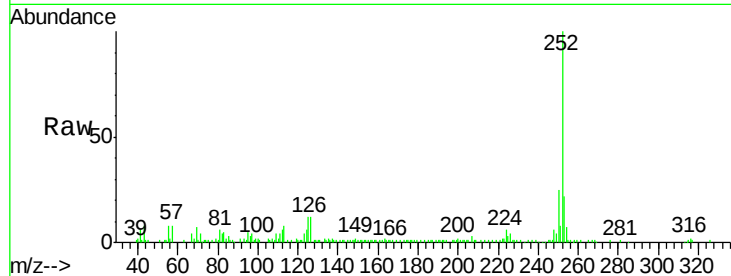
ClientSampleId :

SB-7S

Tgt Ion:	252	Resp:	93796
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	12.4	7.0	10.4

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.39 ng m

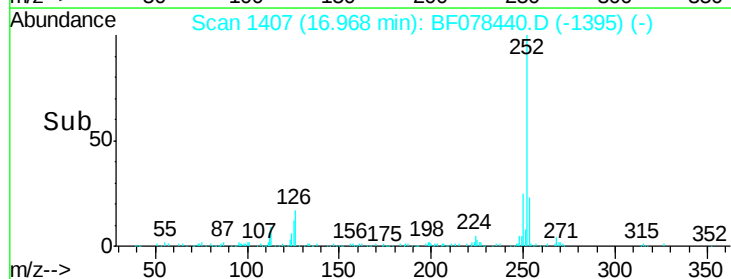
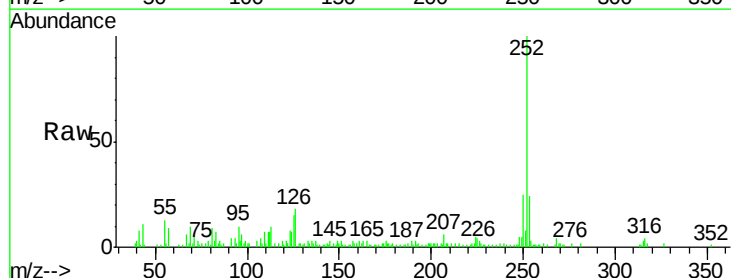
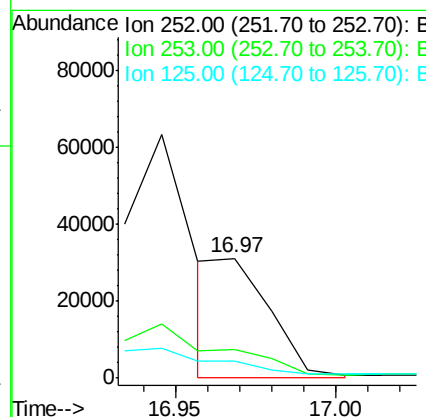
RT: 16.97 min Scan# 1407

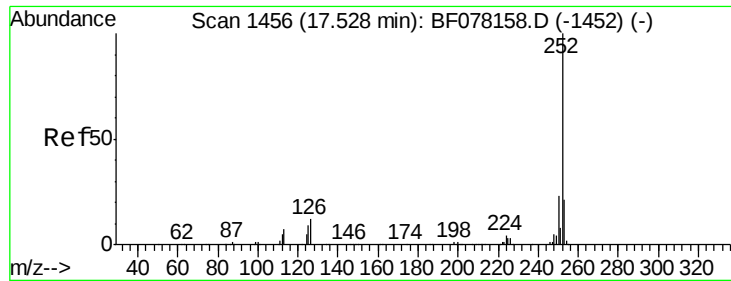
Delta R.T. 0.03 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Tgt Ion:	252	Resp:	35317
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	14.7	11.6	17.4





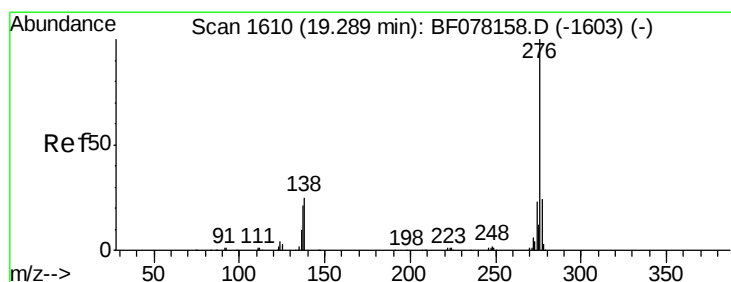
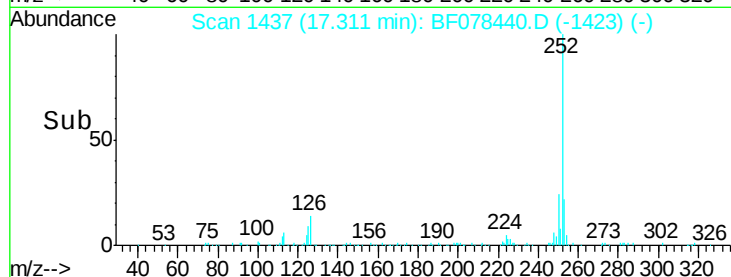
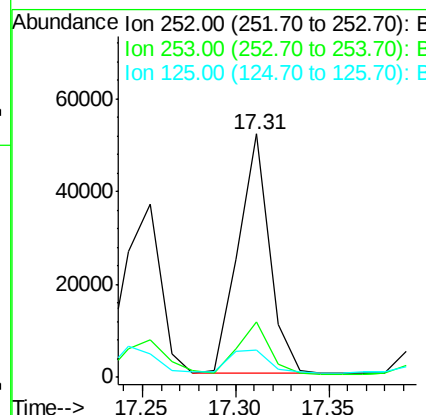
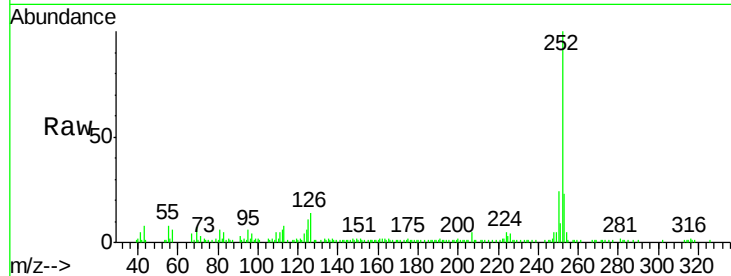
#89
Benzo(a)pyrene
Concen: 5.94 ng
RT: 17.31 min Scan# 1437
Delta R.T. 0.06 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Instrument :
BNA_F
ClientSampleId :
SB-7S

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	16.8	25.2
125	11.3	7.4	11.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.65 ng m
RT: 18.97 min Scan# 1582
Delta R.T. 0.09 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.4	19.0	28.4
138	22.0	19.9	29.9

