

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078441.D
 Acq On : 11 Apr 2015 13:42
 Operator : TP/IZ
 Sample : G1793-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

Manual Integrations
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Quant Time: Apr 13 04:27:24 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	31928	20.00	ng	0.01
21) Naphthalene-d8	8.44	136	135577	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	71634	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	149510	20.00	ng	0.00
75) Chrysene-d12	15.68	240	165341	20.00	ng	0.00
86) Perylene-d12	17.35	264	163187	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	183720	94.87	ng	0.01
7) Phenol-d6	6.46	99	245053	100.98	ng	0.01
23) Nitrobenzene-d5	7.56	82	140809	62.95	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	66699	112.27	ng	0.01
44) 2-Fluorobiphenyl	9.78	172	290388	57.95	ng	0.00
78) Terphenyl-d14	14.41	244	361780	49.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.29	163	15398	2.86	ng	99
70) Phenanthrene	12.45	178	34412	3.98	ng	99
74) Fluoranthene	13.92	202	133937	14.69	ng	91
77) Pyrene	14.19	202	119462	11.51	ng	98
80) Benzo(a)anthracene	15.67	228	77995	7.93	ng	93
82) Chrysene	15.71	228	68507	7.41	ng	97
83) Bis(2-ethylhexyl)phthalate	15.76	149	20866	3.36	ng	93
85) Indeno(1,2,3-cd)pyrene	18.57	276	45159	4.31	ng	# 86
87) Benzo(b)fluoranthene	16.92	252	113835m	11.29	ng	
88) Benzo(k)fluoranthene	16.95	252	23592m	2.63	ng	
89) Benzo(a)pyrene	17.28	252	67637	7.68	ng	# 91
91) Benzo(g,h,i)perylene	18.92	276	44851	5.08	ng	95

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

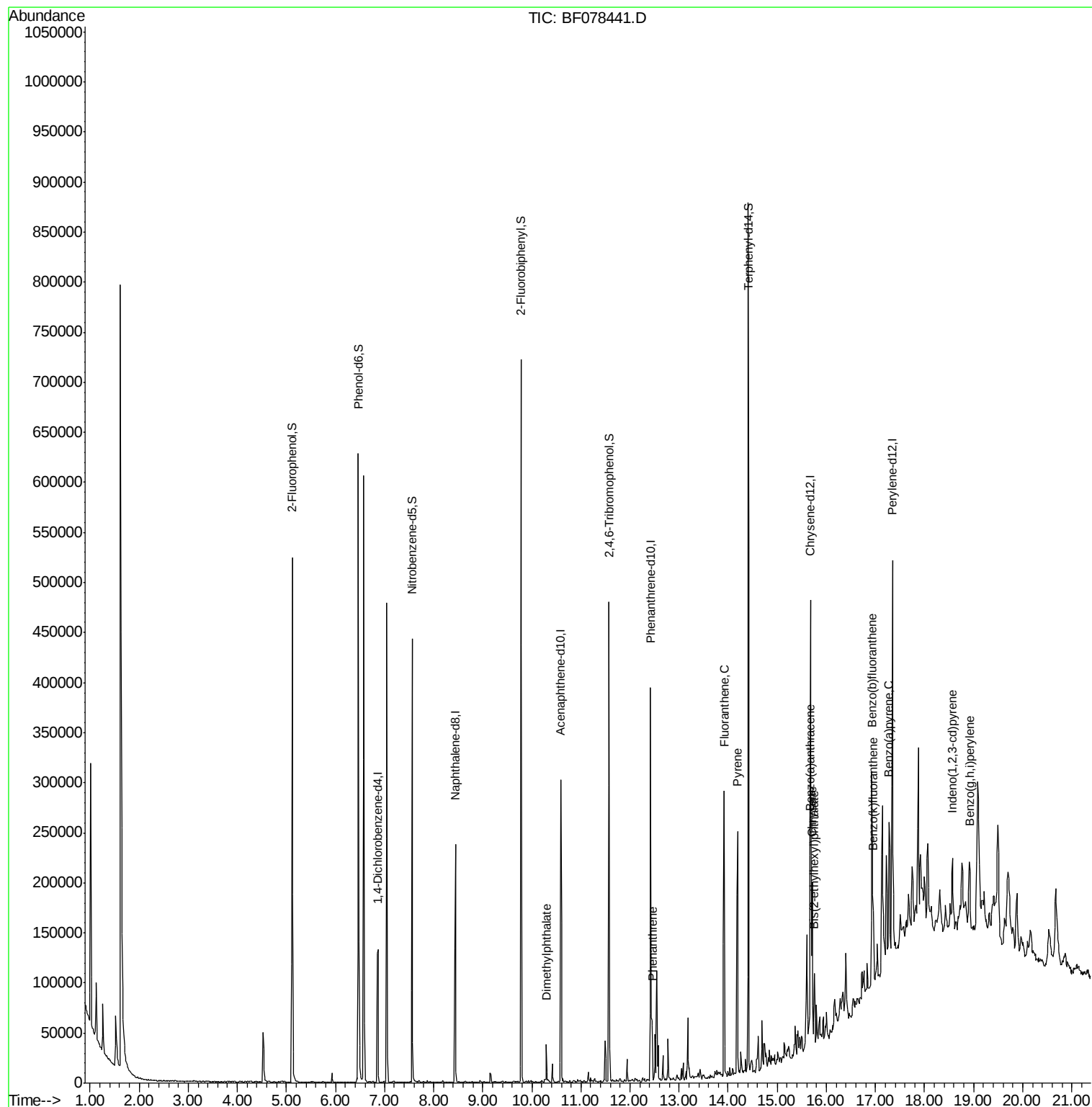
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078441.D
Acq On : 11 Apr 2015 13:42
Operator : TP/IZ
Sample : G1793-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

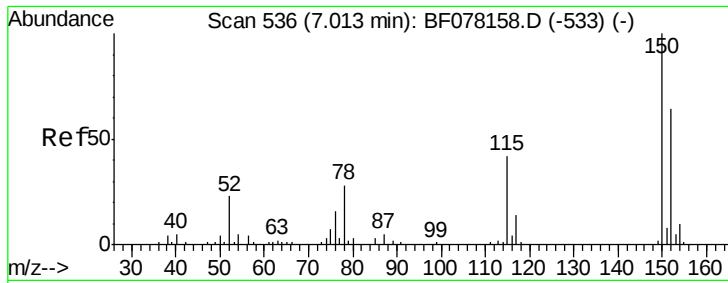
Instrument :
BNA_F
ClientSampleId :
SB-8S

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Quant Time: Apr 13 04:27:24 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





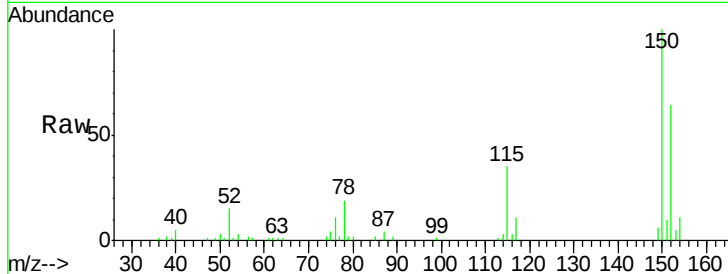
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	31928		
150	156.3	125.9	188.9	
115	54.1	52.7	79.1	

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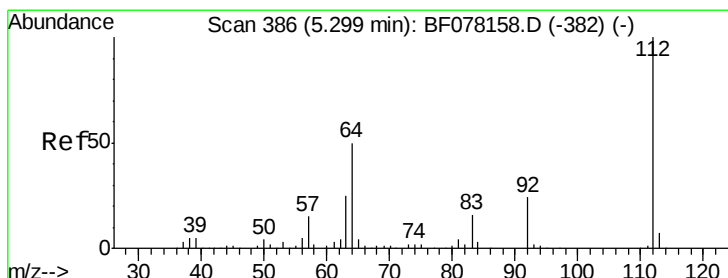
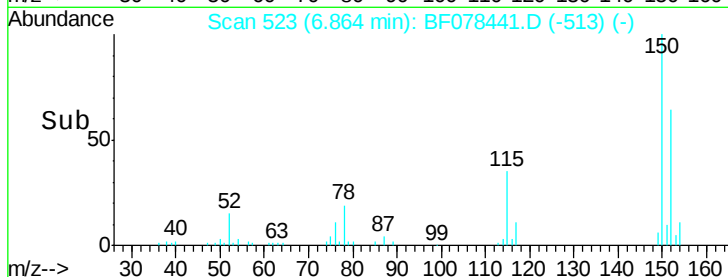
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

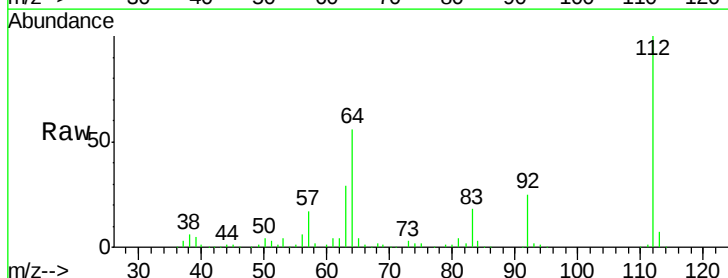
Ion 115.00 (114.70 to 115.70): E

Time-->



#5
 2-Fluorophenol
 Concen: 94.87 ng
 RT: 5.12 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	183720		
64	56.4	39.9	59.9	
63	28.8	20.2	30.4	



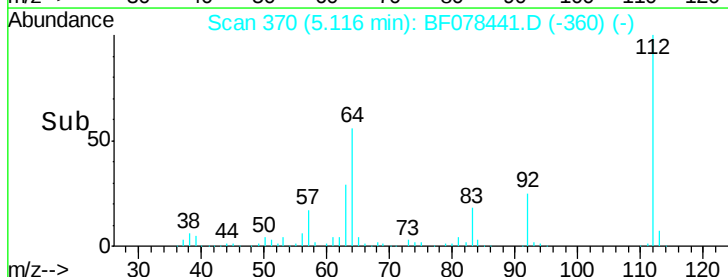
Abundance

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

Time-->





#7

Phenol-d6

Concen: 100.98 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Instrument :

BNA_F

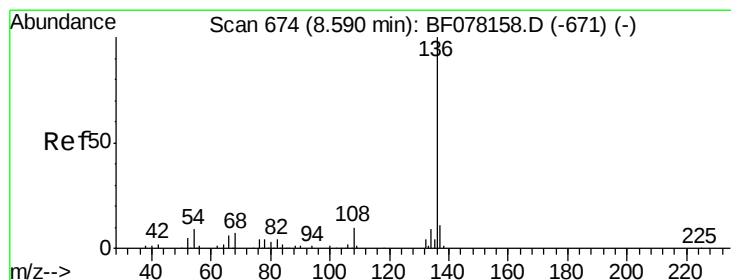
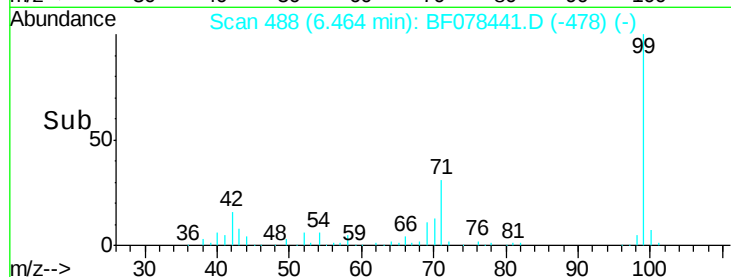
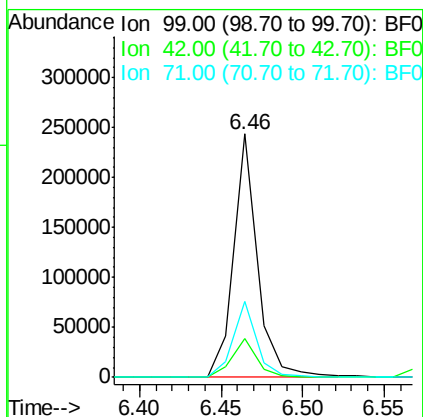
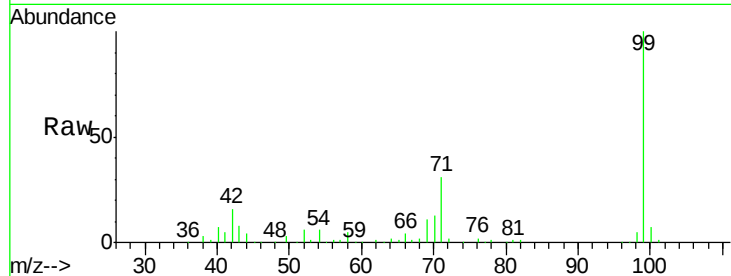
ClientSampleId :

SB-8S

Tgt Ion:	99	Resp:	245053
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.8	22.2
71	31.3	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

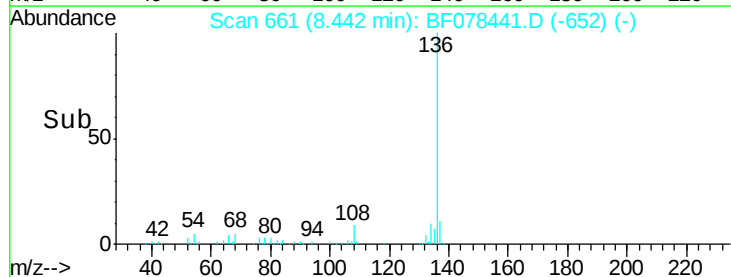
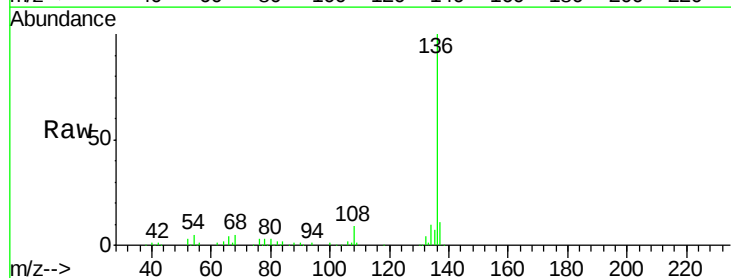
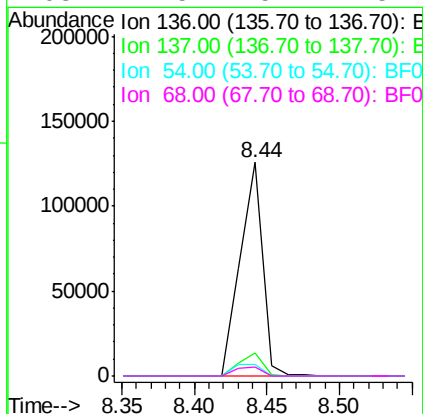
RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Tgt Ion:	136	Resp:	135577
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	5.4	7.0	10.6#
68	4.5	5.4	8.2#





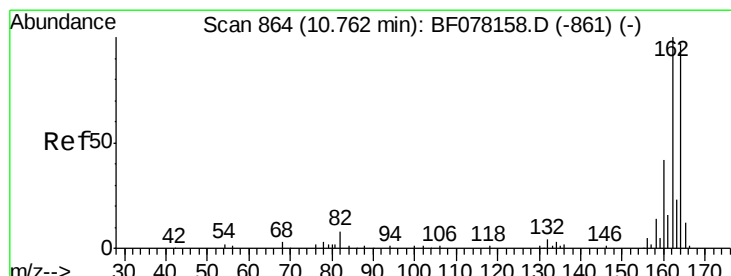
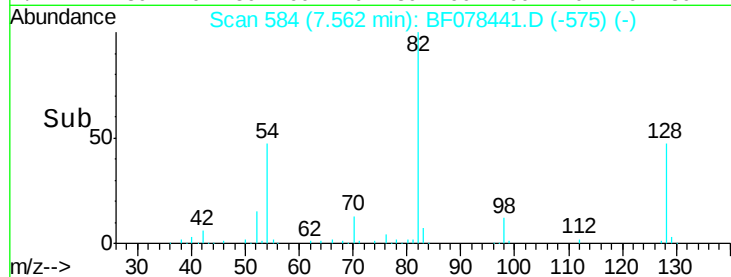
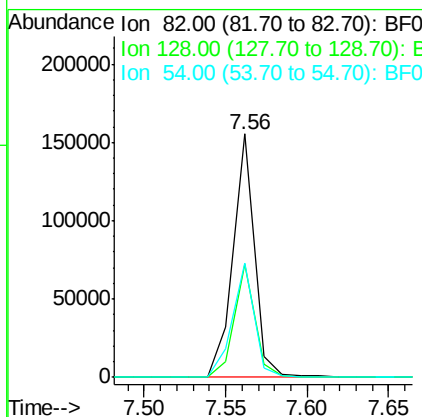
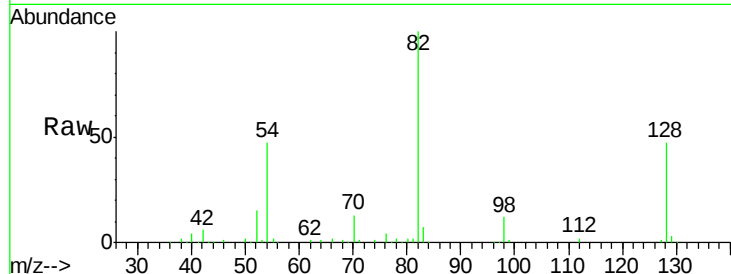
#23
 Nitrobenzene-d5
 Concen: 62.95 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	140809		
128	46.6	31.8	47.8	
54	47.2	41.5	62.3	

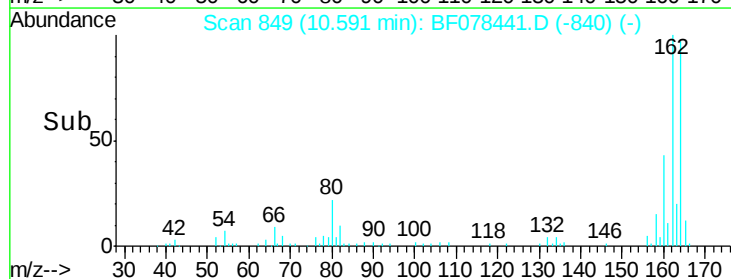
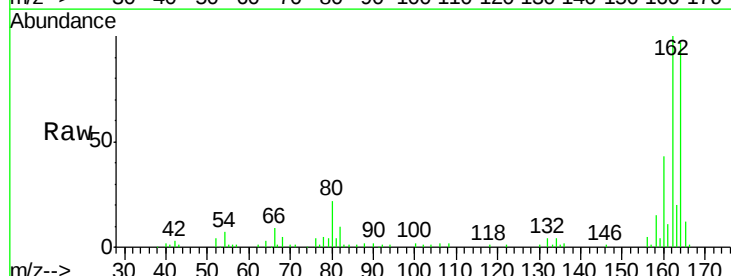
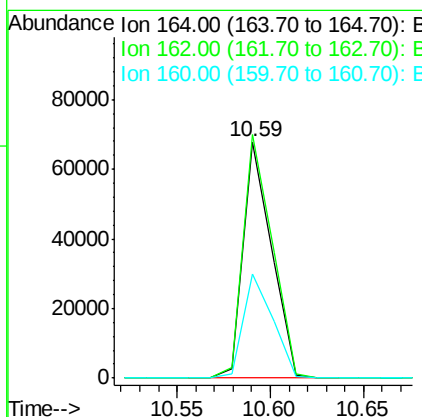
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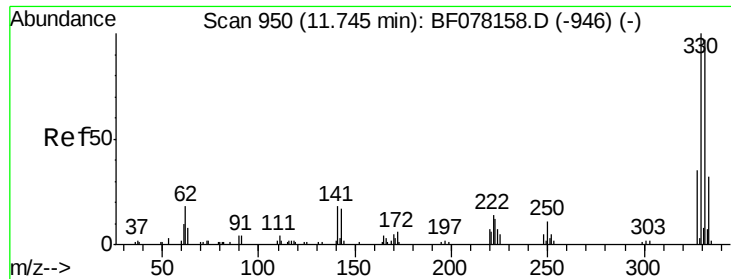
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71634		
162	103.1	82.2	123.2	
160	43.9	34.7	52.1	





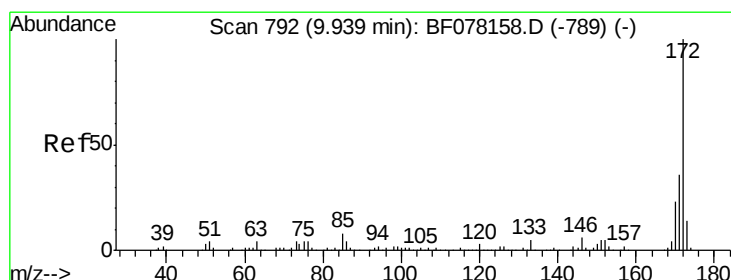
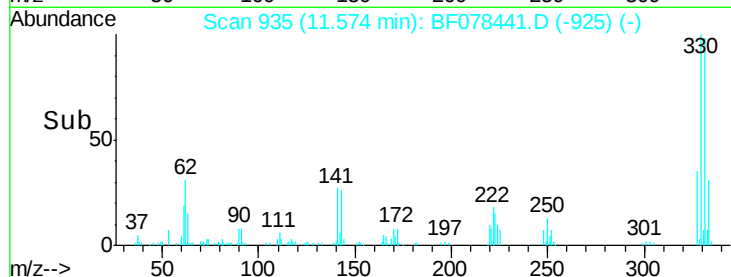
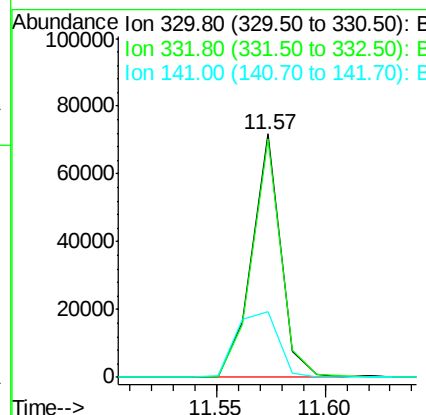
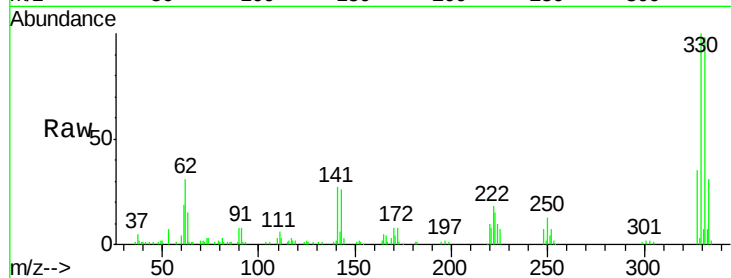
#41
 2,4,6-Tribromophenol
 Concen: 112.27 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	66699		
332	97.6		78.6	117.8
141	38.8		31.2	46.8

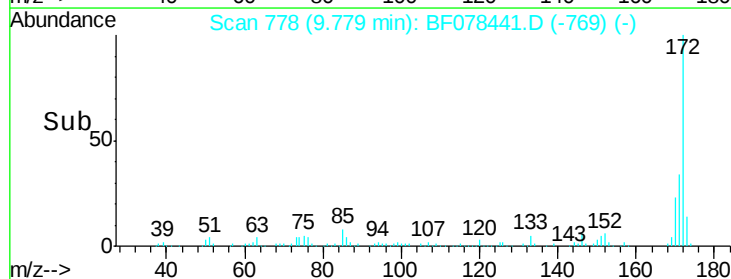
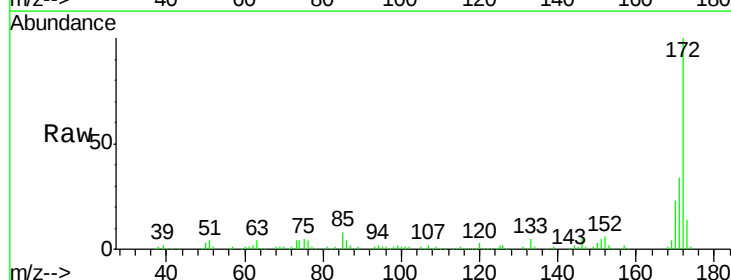
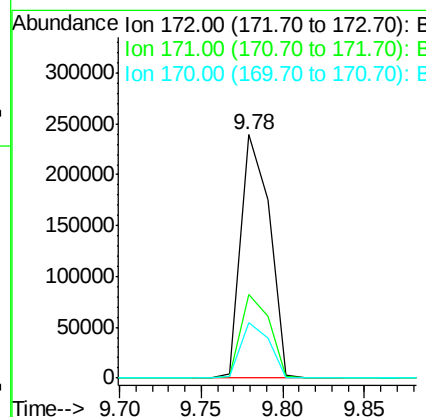
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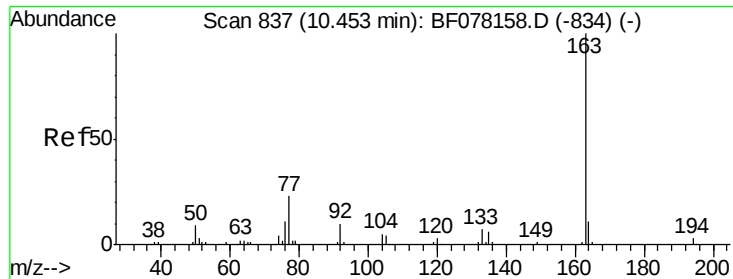
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#44
 2-Fluorobiphenyl
 Concen: 57.95 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	290388		
171	34.2		28.6	42.8
170	22.9		18.5	27.7





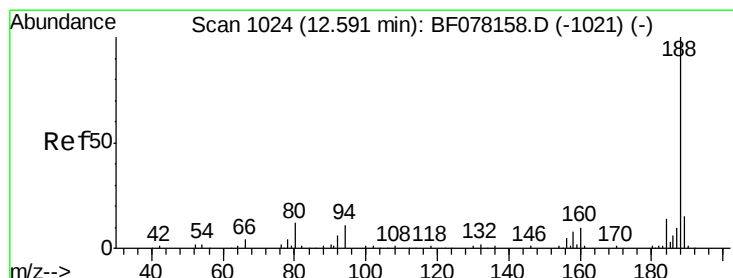
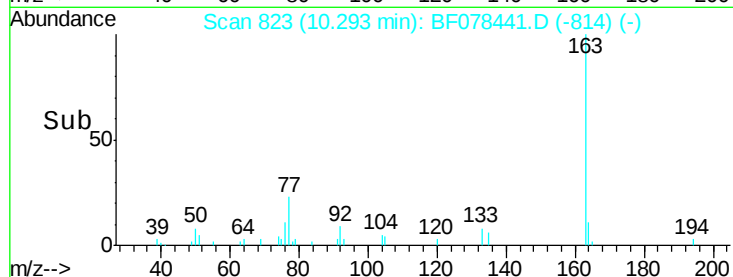
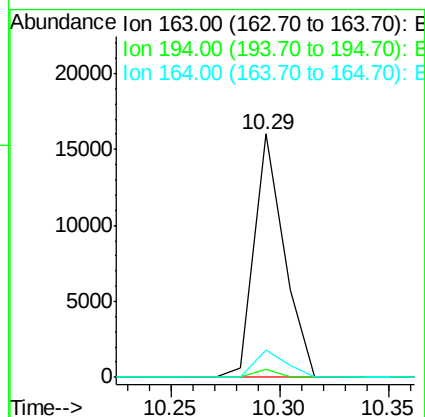
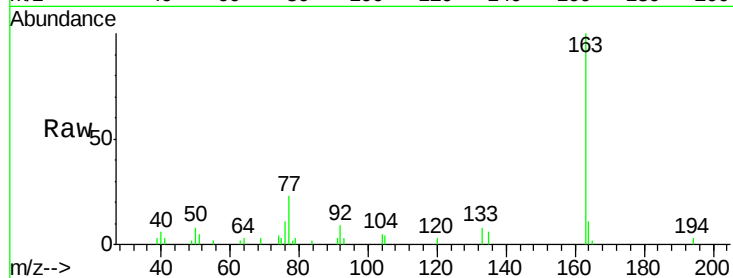
#49
Dimethylphthalate
Concen: 2.86 ng
RT: 10.29 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.3	3.5
164	11.2	8.6	13.0

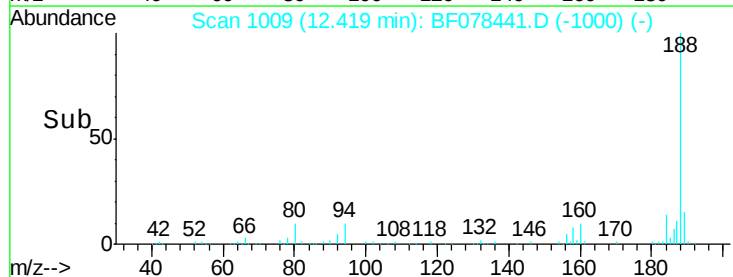
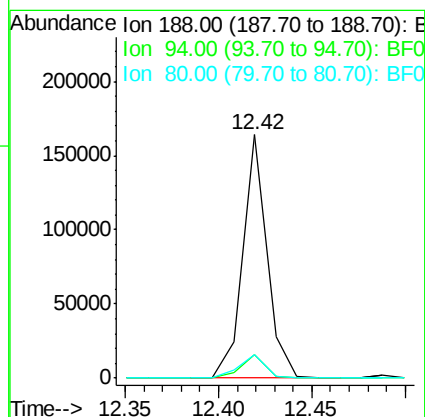
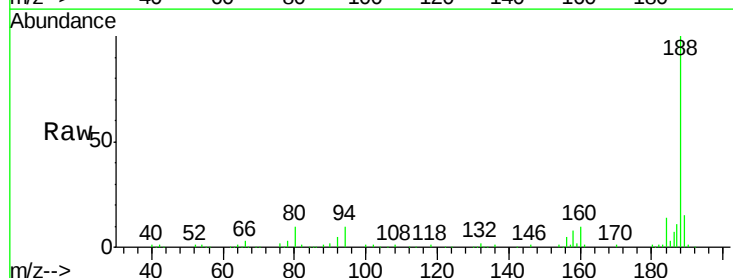
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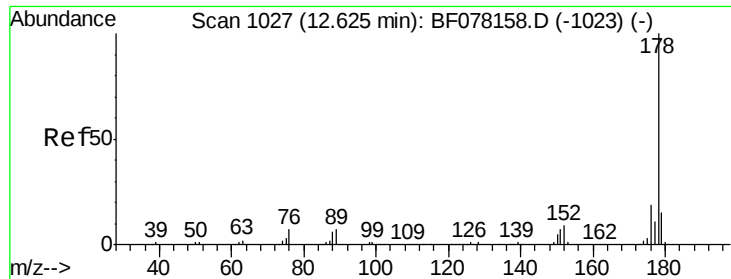
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	9.0	13.4
80	9.7	9.5	14.3





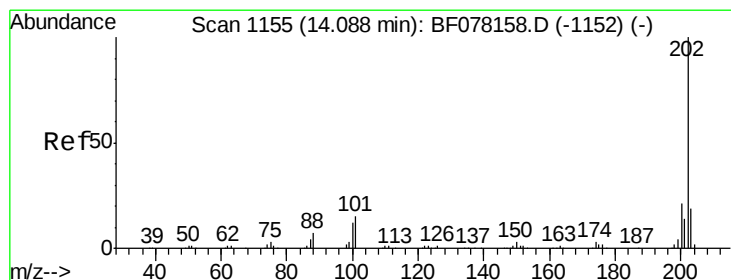
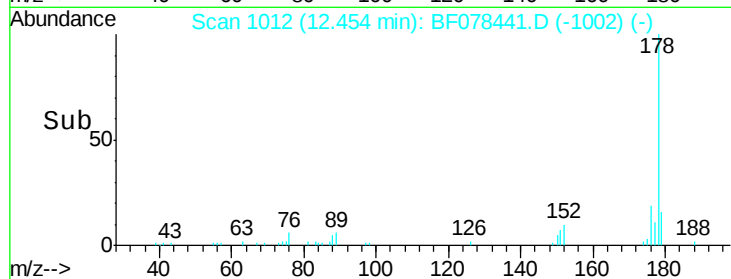
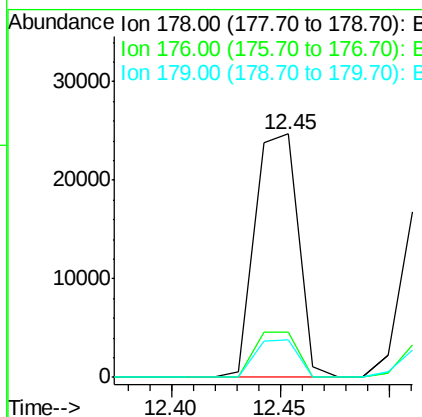
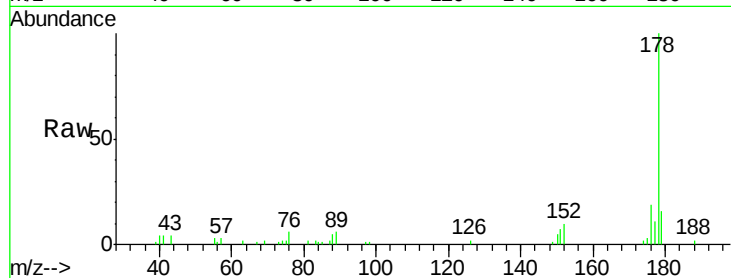
#70
 Phenanthrene
 Concen: 3.98 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.5	12.2	18.2

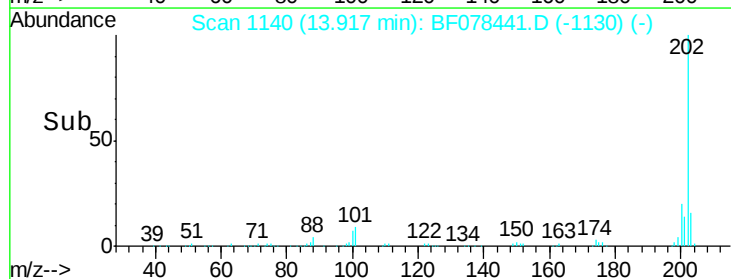
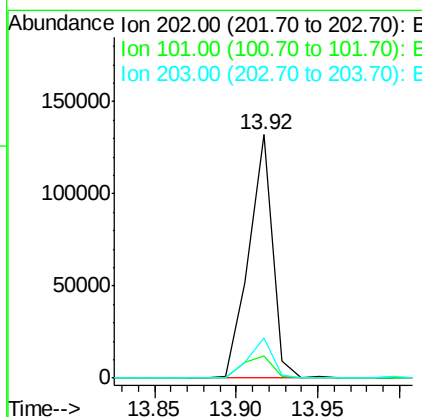
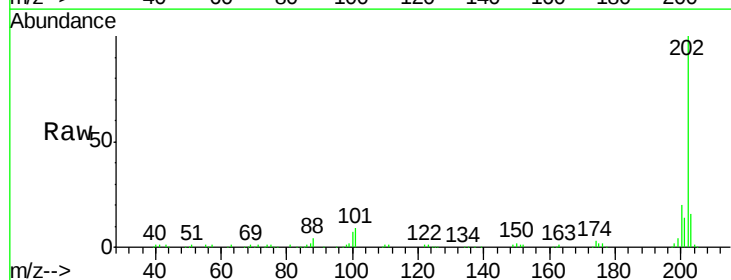
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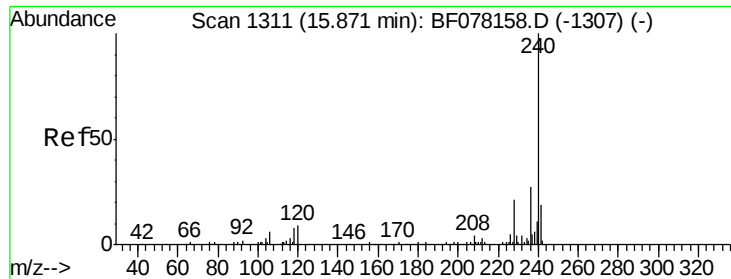
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#74
 Fluoranthene
 Concen: 14.69 ng
 RT: 13.92 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	35.2
203	16.4	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Instrument :

BNA_F

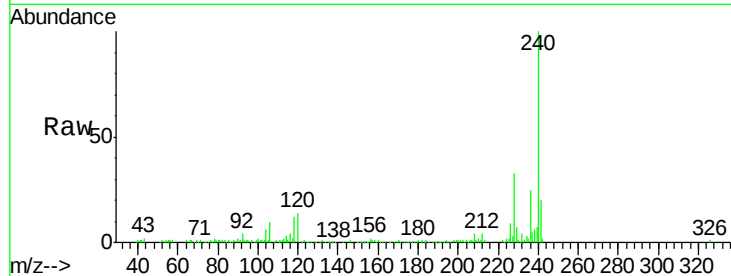
ClientSampleId :

SB-8S

Tgt	Ion	240	Resp:	165341
Ion	Ratio	100	Lower	Upper
240	100			
120	13.9	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

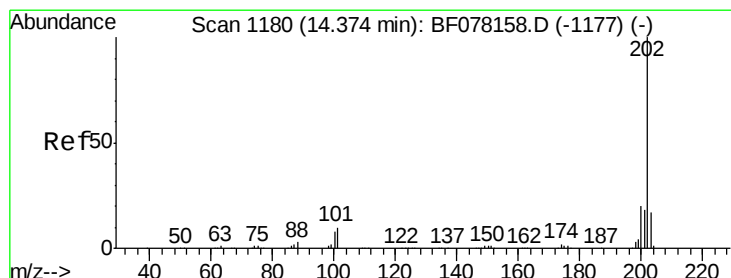
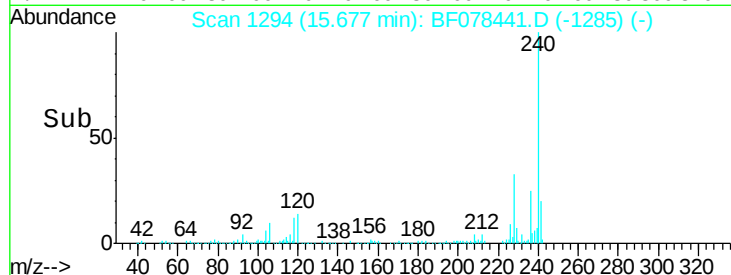
15.68

100000

50000

0

Time--> 15.60 15.65 15.70 15.75



#77

Pyrene

Concen: 11.51 ng

RT: 14.19 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Tgt	Ion	202	Resp:	119462
Ion	Ratio	100	Lower	Upper
202	100			
200	20.3	16.3	24.5	
203	18.7	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

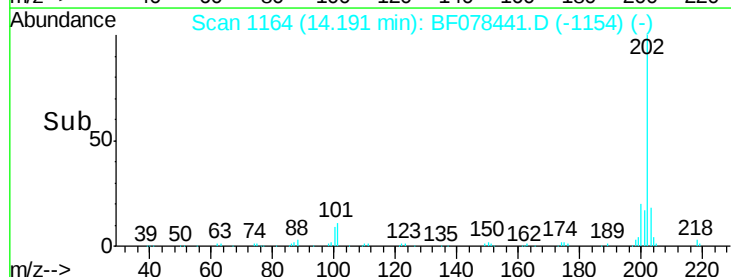
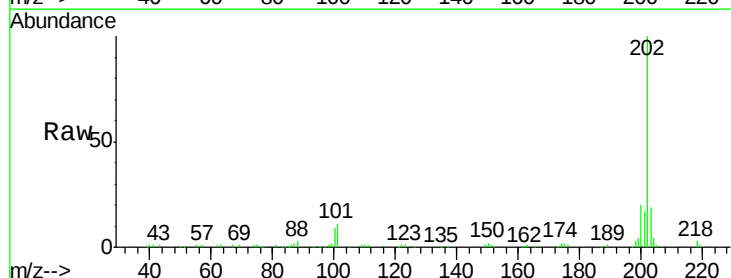
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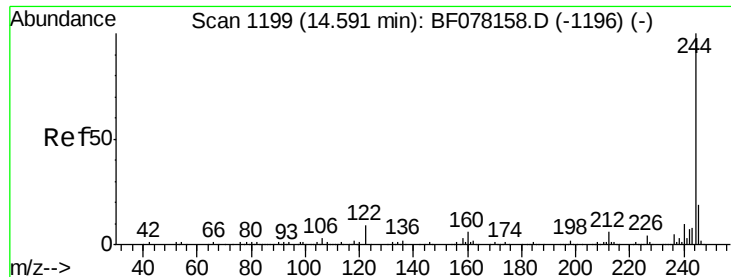
100000

50000

0

Time--> 14.15 14.20 14.25





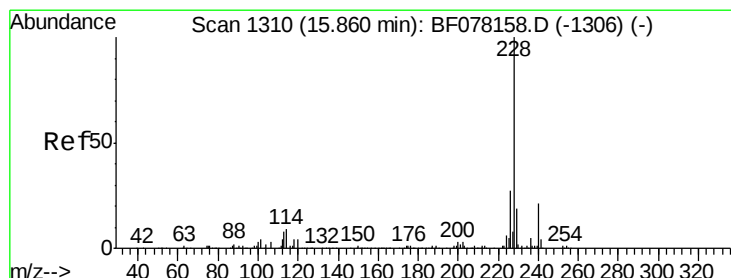
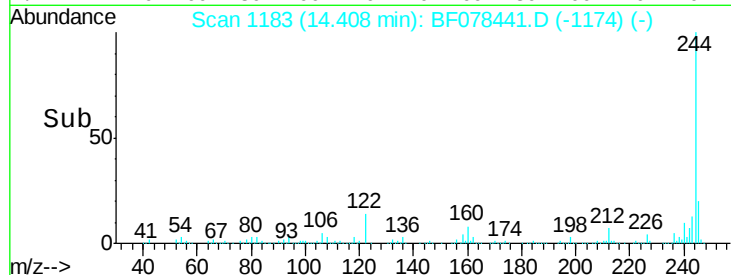
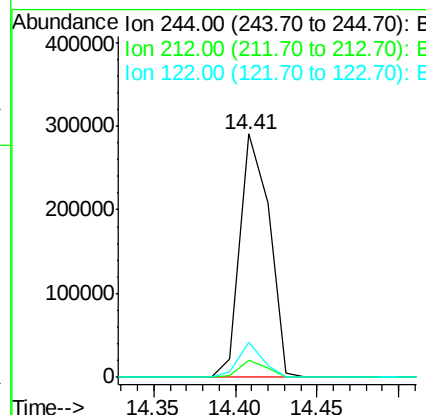
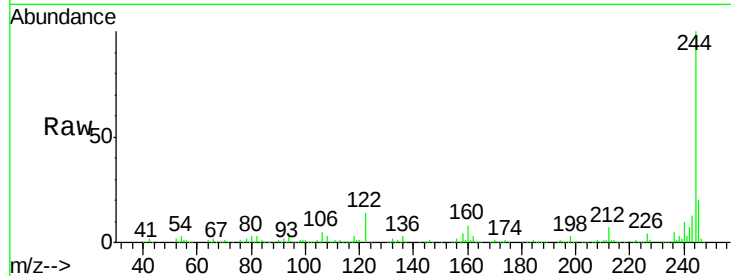
#78
 Terphenyl-d14
 Concen: 49.44 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.0	7.4
122	14.3	7.1	10.7

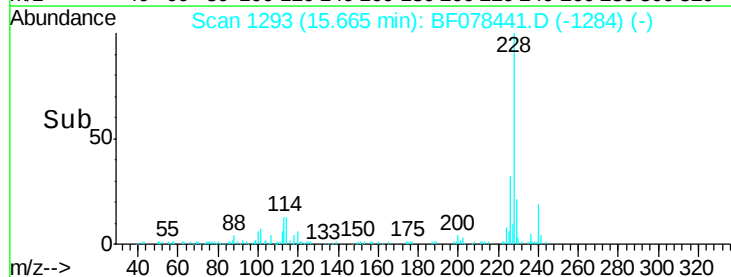
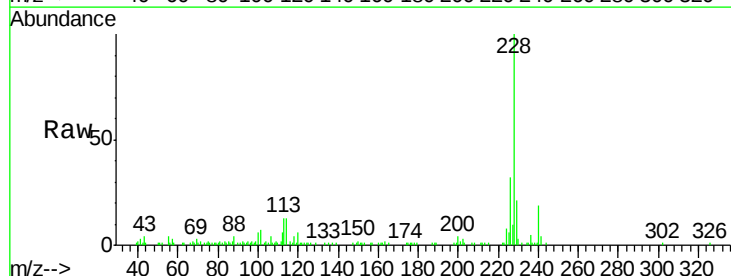
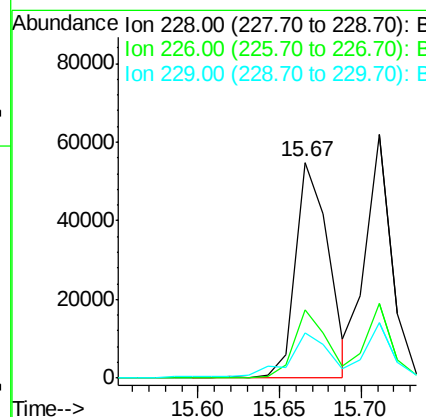
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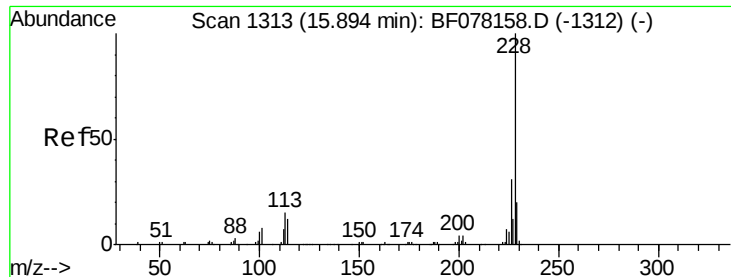
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#80
 Benzo(a)anthracene
 Concen: 7.93 ng
 RT: 15.67 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	21.3	31.9
229	21.2	15.4	23.2





#82

Chrysene

Concen: 7.41 ng

RT: 15.71 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Instrument :

BNA_F

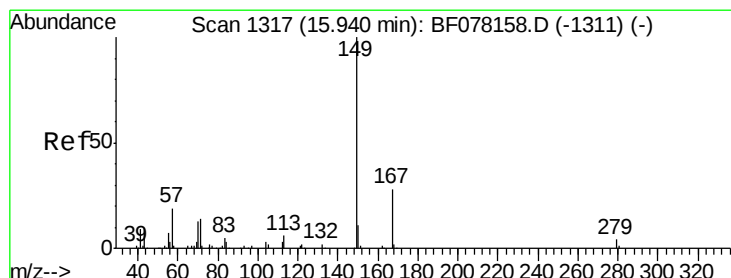
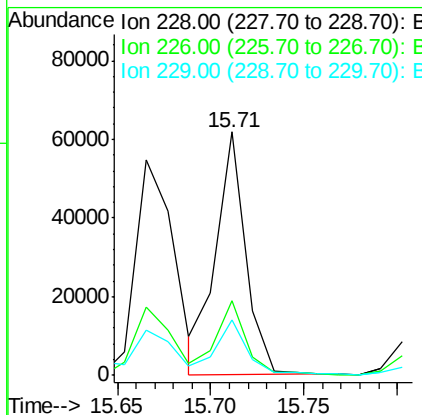
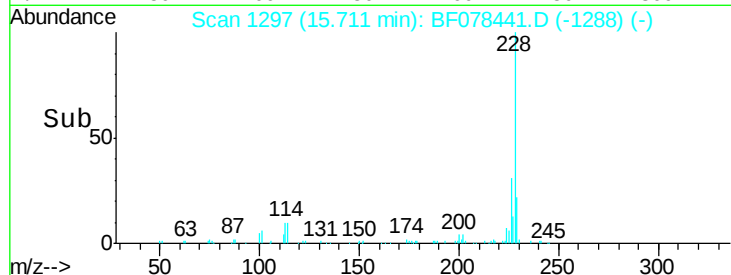
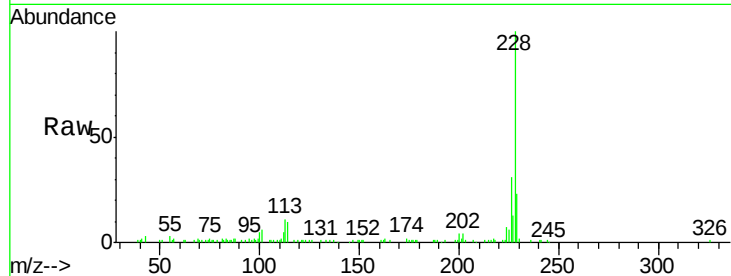
ClientSampleId :

SB-8S

Tgt Ion:	228	Resp:	68507
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.2	36.4
229	22.9	15.8	23.8

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.36 ng

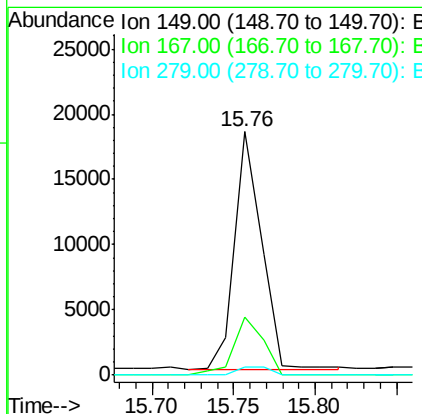
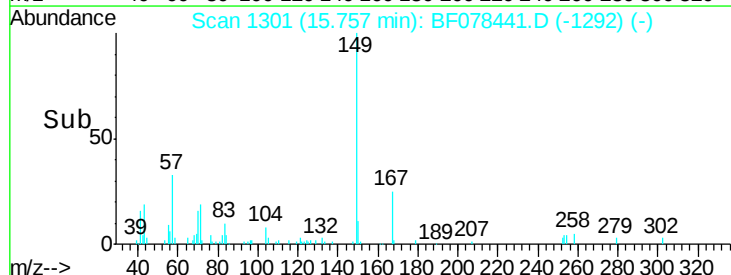
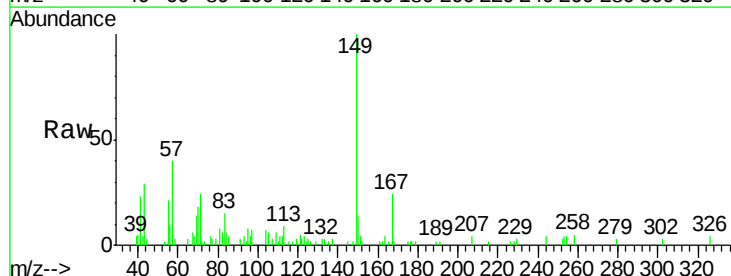
RT: 15.76 min Scan# 1301

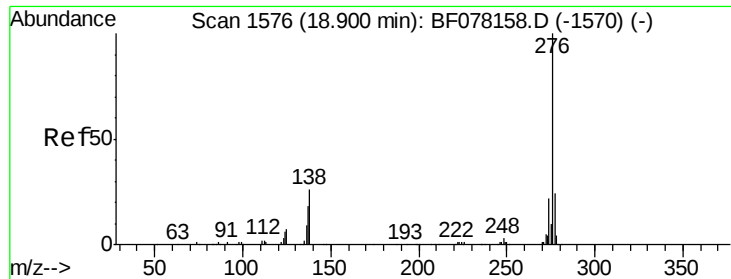
Delta R.T. 0.00 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Tgt Ion:	149	Resp:	20866
Ion Ratio	Lower	Upper	
149	100		
167	23.8	22.2	33.2
279	3.3	3.2	4.8





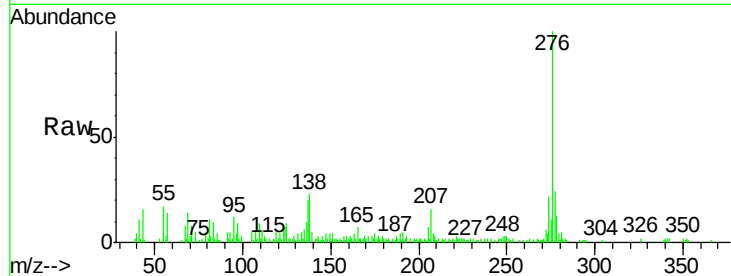
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.31 ng
 RT: 18.57 min Scan# 1547
 Delta R.T. 0.05 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

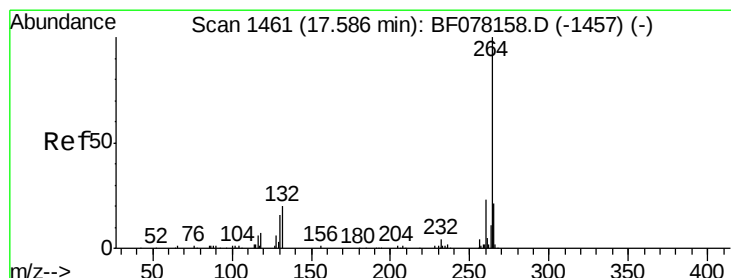
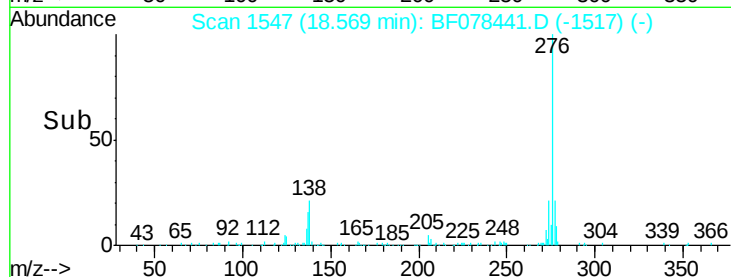
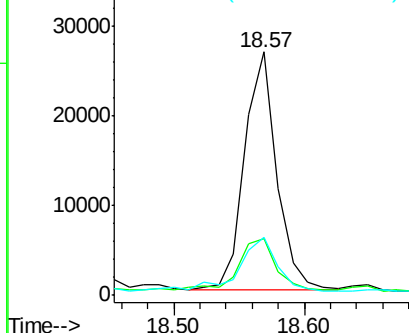
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.0	16.9	25.3#
277	28.2	15.8	23.6#

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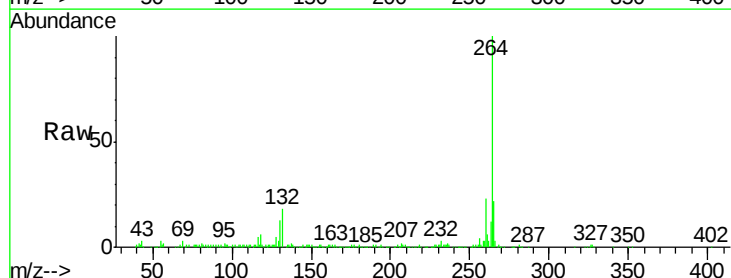


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

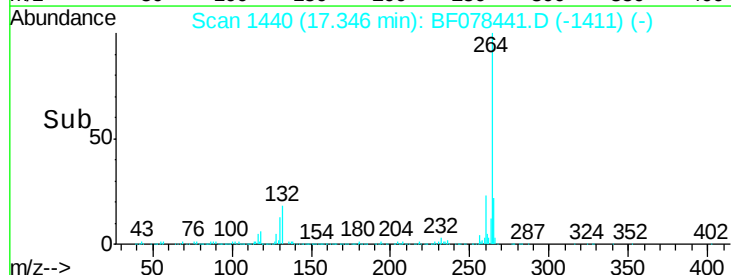
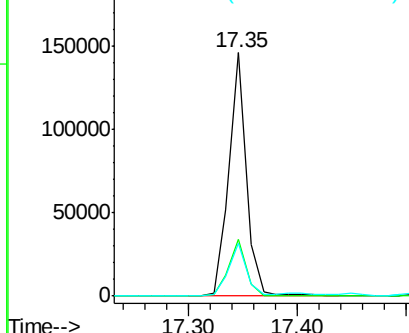


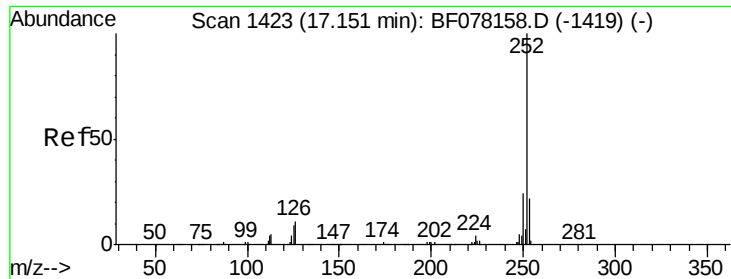
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.35 min Scan# 1440
 Delta R.T. 0.03 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	18.6	27.8
265	21.6	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 11.29 ng m

RT: 16.92 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Instrument :

BNA_F

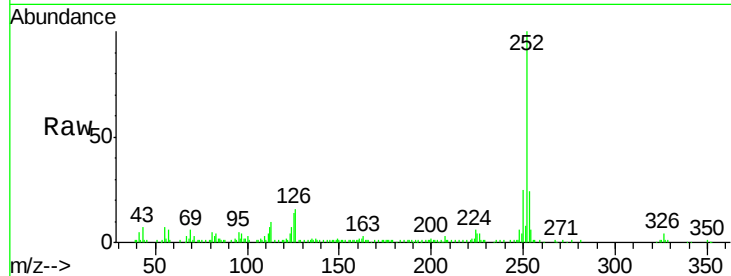
ClientSampleId :

SB-8S

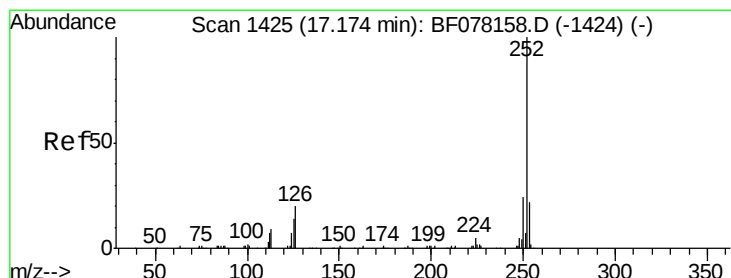
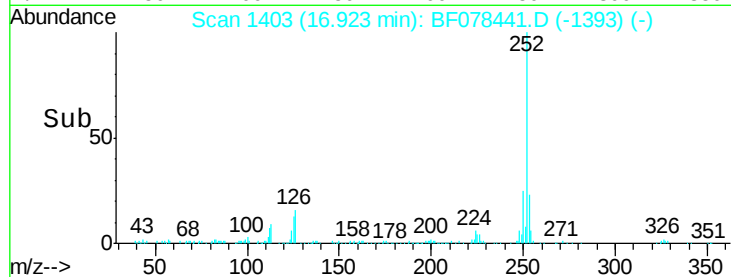
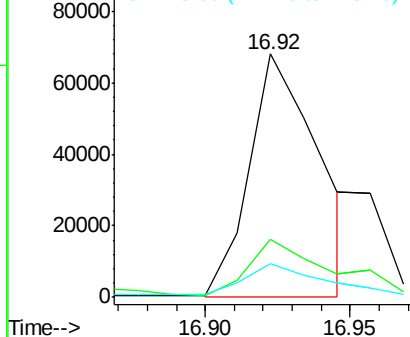
Tgt Ion:	252	Resp:	113835
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	13.7	7.0	10.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.63 ng m

RT: 16.95 min Scan# 1405

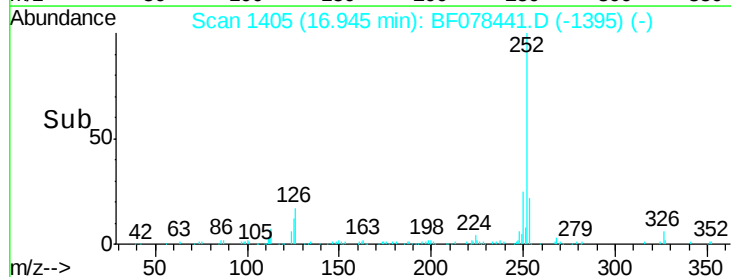
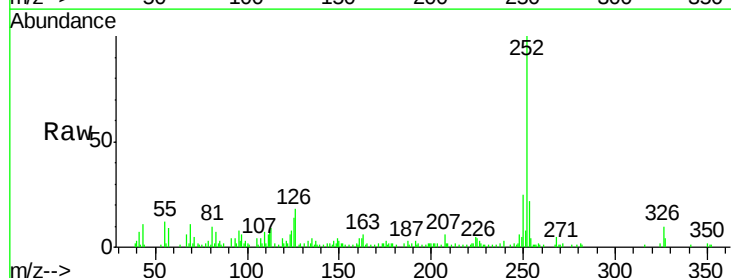
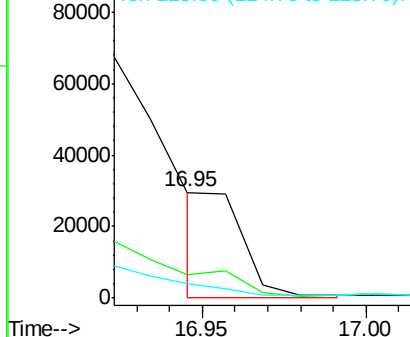
Delta R.T. 0.01 min

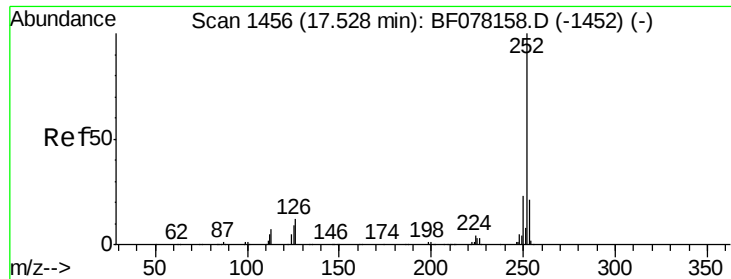
Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Tgt Ion:	252	Resp:	23592
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	14.1	11.6	17.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





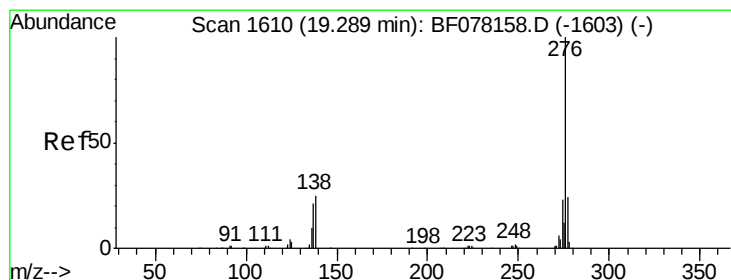
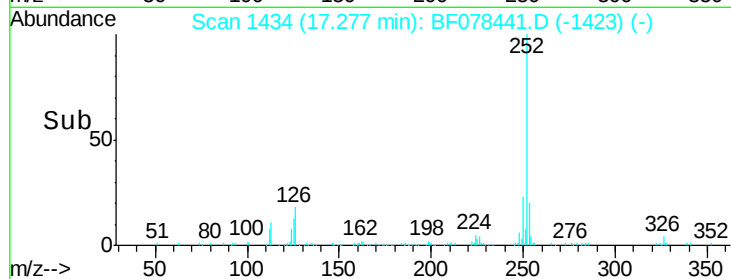
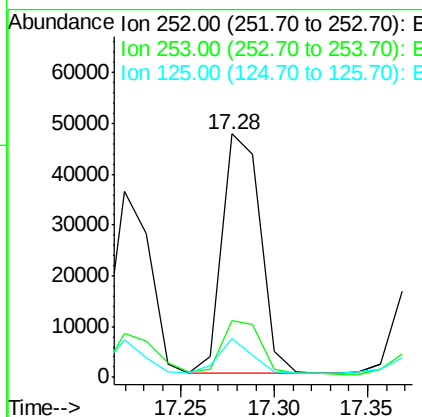
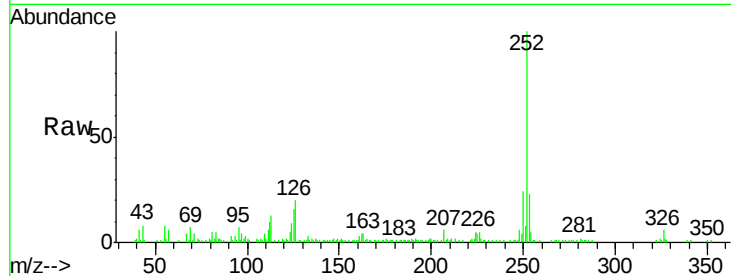
#89
Benzo(a)pyrene
Concen: 7.68 ng
RT: 17.28 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

Instrument :
BNA_F
ClientSampleId :
SB-8S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.8	25.2
125	16.1	7.4	11.0

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#91
Benzo(g,h,i)perylene
Concen: 5.08 ng
RT: 18.92 min Scan# 1578
Delta R.T. 0.05 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	20.0	19.9	29.9

