

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078552.D
 Acq On : 15 Apr 2015 23:16
 Operator : TP/IZ
 Sample : G1828-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB03B

Manual Integrations
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Quant Time: Apr 16 02:21:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:25:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	23772	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	94423	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	48600	20.00	ng	0.00
63) Phenanthrene-d10	12.26	188	93740	20.00	ng	-0.01
75) Chrysene-d12	15.52	240	97403	20.00	ng	-0.01
86) Perylene-d12	17.21	264	92554	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	88823	61.61	ng	0.01
7) Phenol-d6	6.32	99	113207	62.65	ng	0.01
23) Nitrobenzene-d5	7.42	82	66392	42.62	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	26906	66.75	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	148710	43.74	ng	0.00
78) Terphenyl-d14	14.26	244	171068	39.69	ng	0.00
Target Compounds						
10) Phenol	6.34	94	6130	2.83	ng	Qvalue 96
49) Dimethylphthalate	10.16	163	16882	4.62	ng	# 97
70) Phenanthrene	12.30	178	21617	3.99	ng	100
74) Fluoranthene	13.76	202	58154	10.17	ng	93
77) Pyrene	14.03	202	52799	8.63	ng	# 95
80) Benzo(a)anthracene	15.51	228	24405	4.21	ng	95
82) Chrysene	15.55	228	21561	3.96	ng	96
85) Indeno(1,2,3-cd)pyrene	18.41	276	16375m	2.65	ng	
87) Benzo(b)fluoranthene	16.79	252	30133	5.27	ng	# 97
88) Benzo(k)fluoranthene	16.81	252	11410m	2.24	ng	
89) Benzo(a)pyrene	17.15	252	23575	4.72	ng	96
91) Benzo(g,h,i)perylene	18.74	276	16502	3.29	ng	98

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

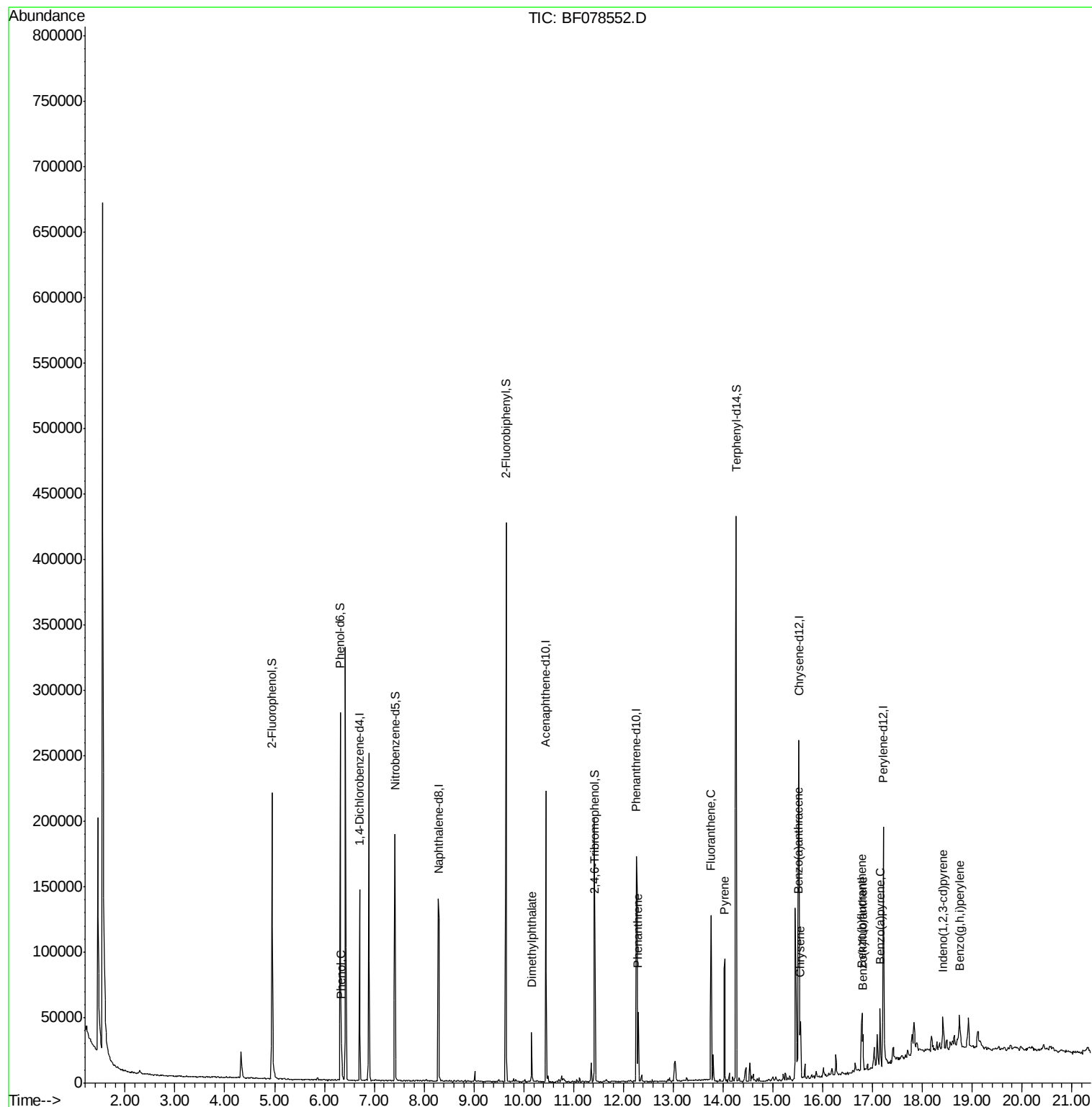
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078552.D
Acq On : 15 Apr 2015 23:16
Operator : TP/IZ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

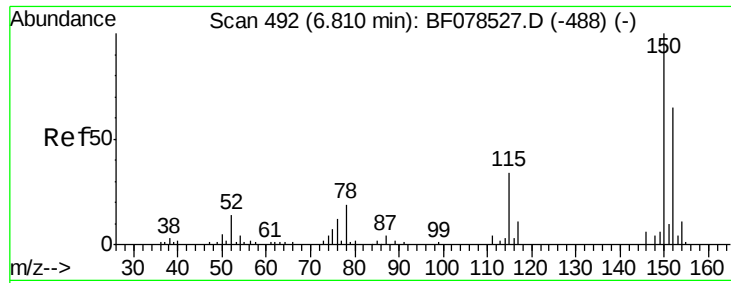
Instrument :
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ClientSampleId :
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#1

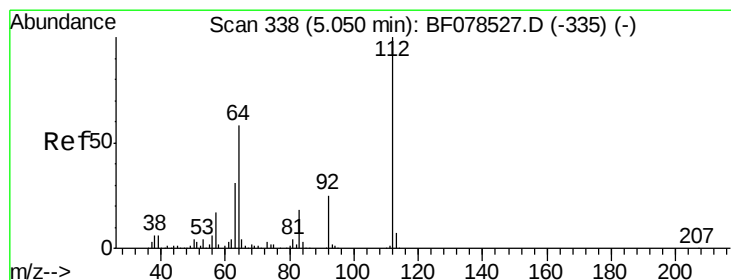
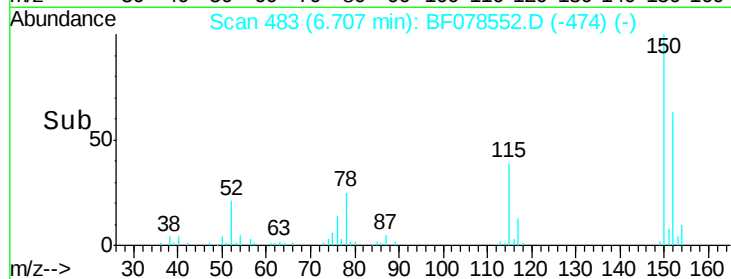
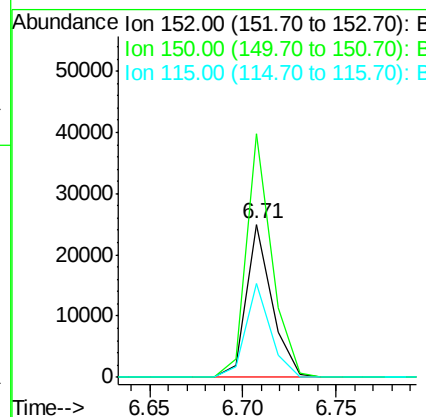
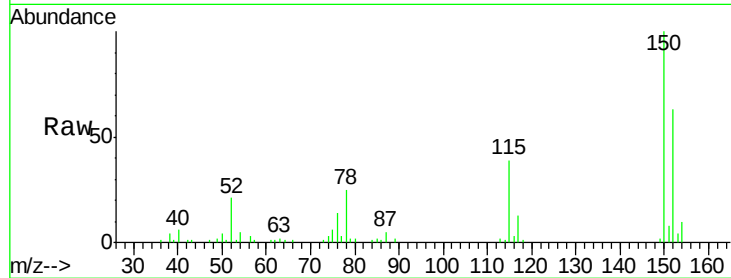
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Instrument :
BNA_F
ClientSampleId :
HS-SB03B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.9	188.9
115	61.3	52.7	79.1

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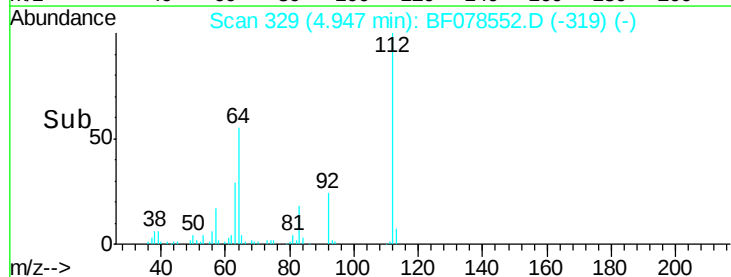
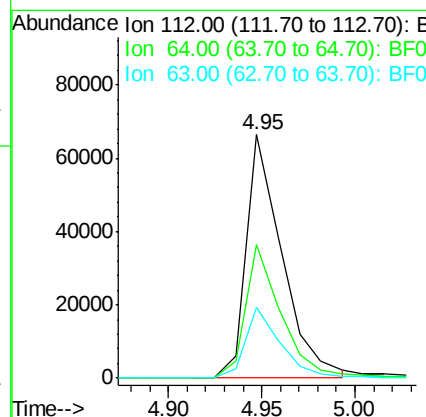
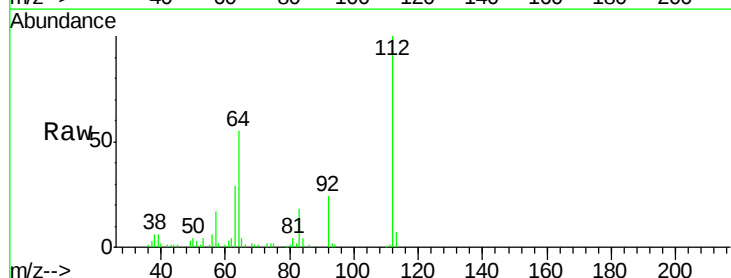
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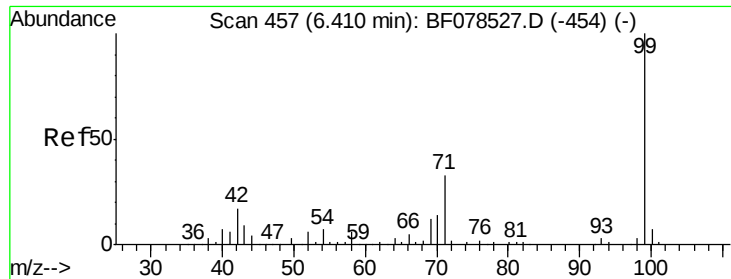


#5

2-Fluorophenol
Concen: 61.61 ng
RT: 4.95 min Scan# 329
Delta R.T. 0.01 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.9	59.9
63	29.2	20.2	30.4





#7

Phenol-d6

Concen: 62.65 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Instrument :

BNA_F

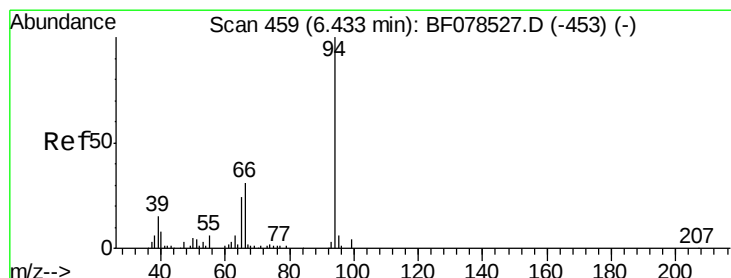
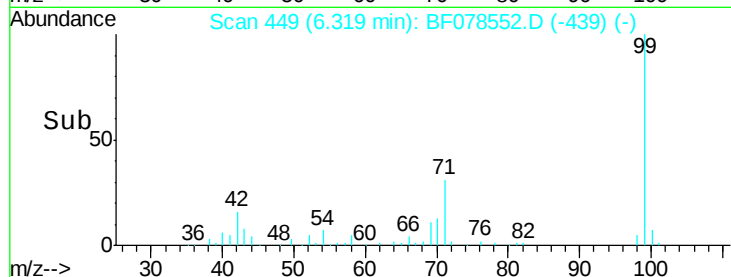
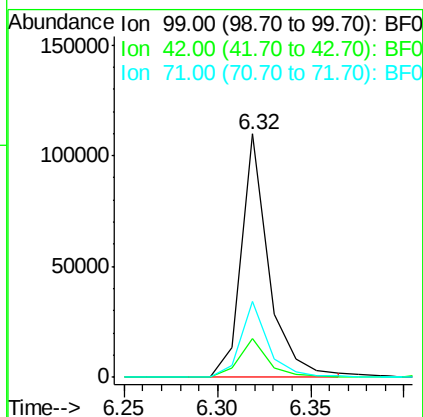
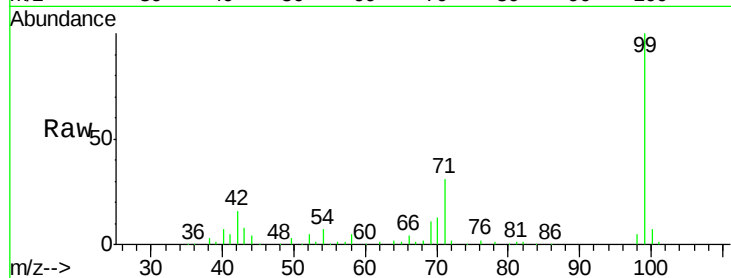
ClientSampleId :

HS-SB03B

Tgt Ion:	99	Resp:	113207
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.8	22.2
71	31.3	26.6	39.8

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#10

Phenol

Concen: 2.83 ng

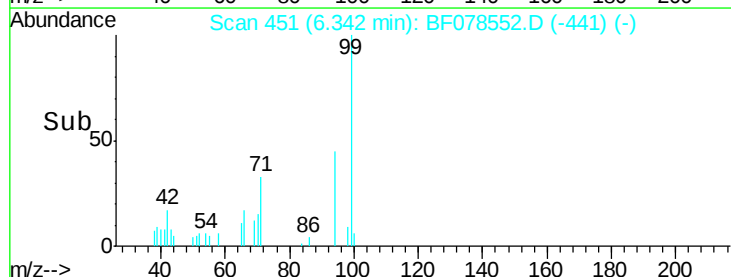
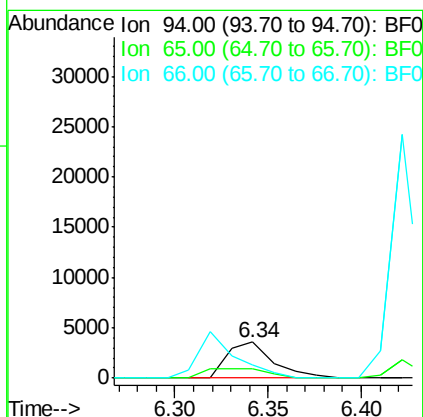
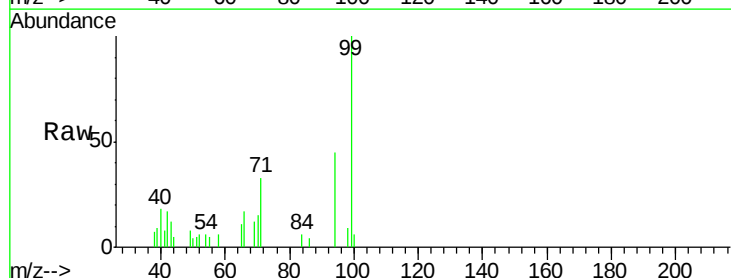
RT: 6.34 min Scan# 451

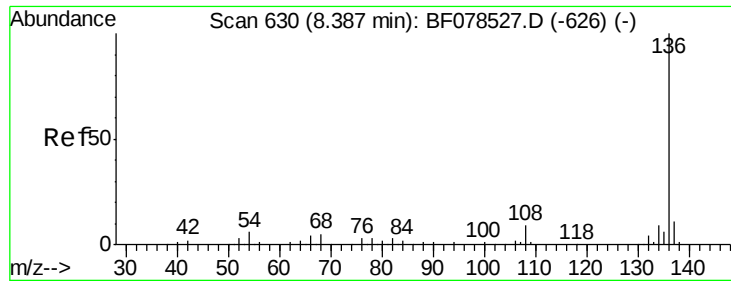
Delta R.T. 0.01 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Tgt Ion:	94	Resp:	6130
Ion Ratio	Lower	Upper	
94	100		
65	25.2	4.9	44.9
66	37.8	13.8	53.8





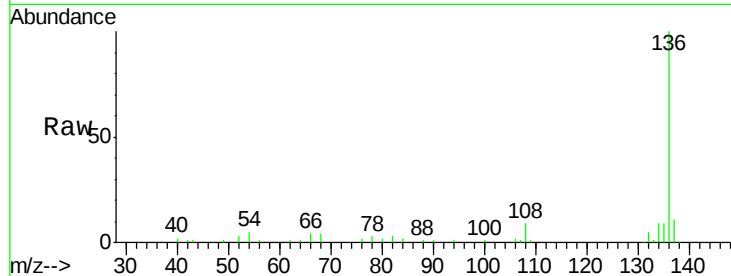
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Instrument :
BNA_F
ClientSampled :
HS-SB03B

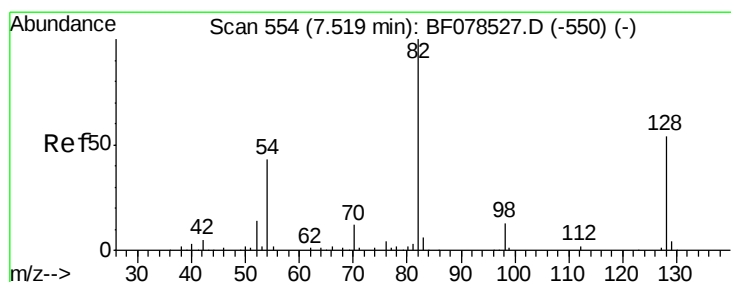
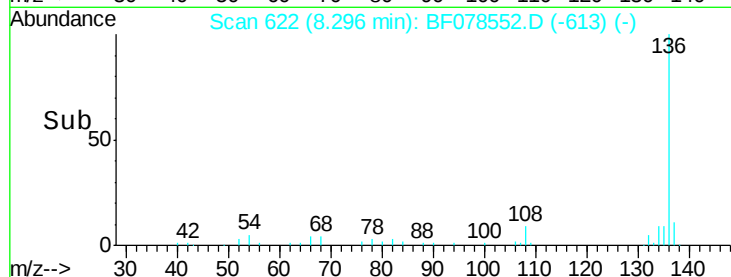
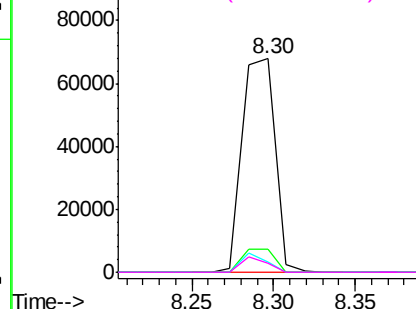
Tgt Ion:	136	Resp:	94423
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	5.1	7.0	10.6#
68	4.4	5.4	8.2#

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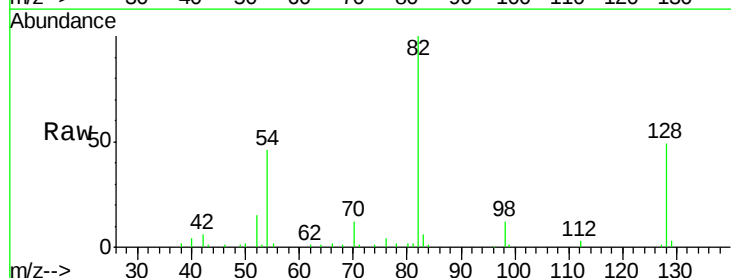


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

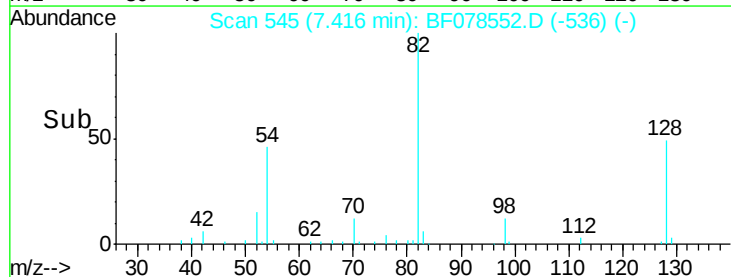
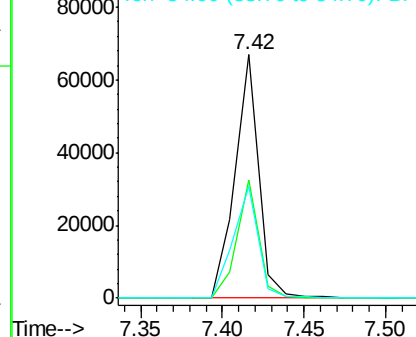


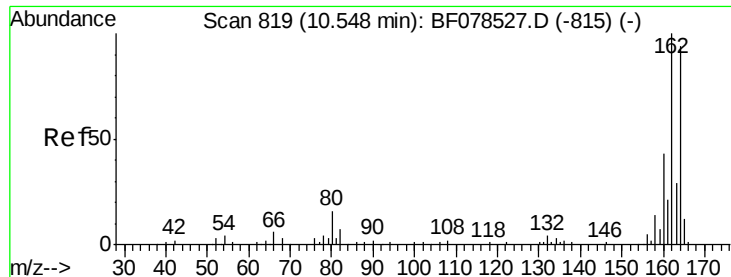
#23
Nitrobenzene-d5
Concen: 42.62 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Tgt Ion:	82	Resp:	66392
Ion Ratio	Lower	Upper	
82	100		
128	48.7	31.8	47.8#
54	45.7	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





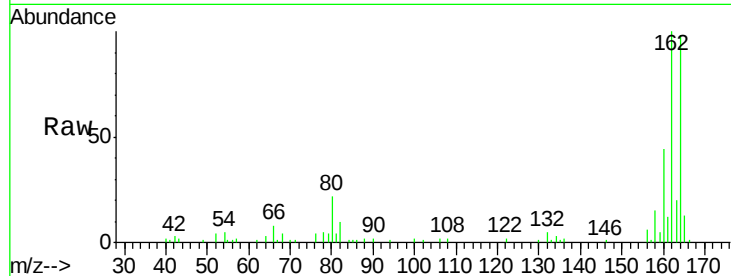
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB03B

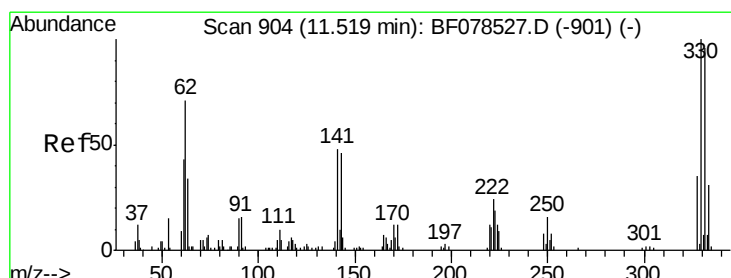
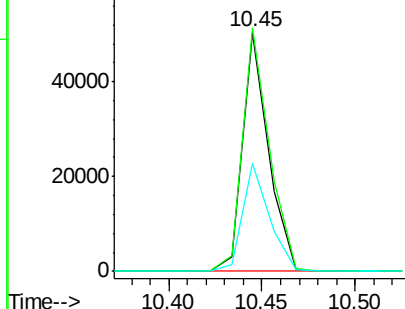
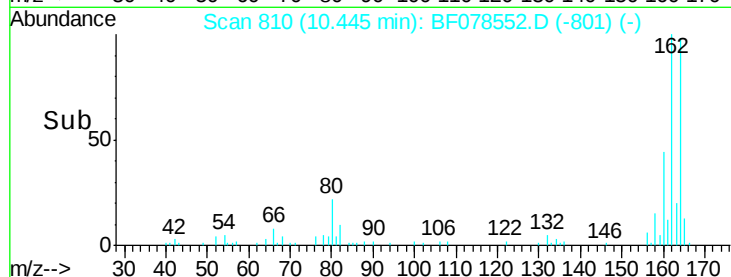
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48600		
162	101.9	82.2	123.2	
160	45.3	34.7	52.1	

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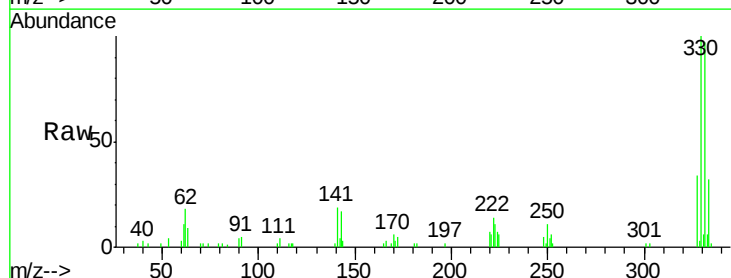


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

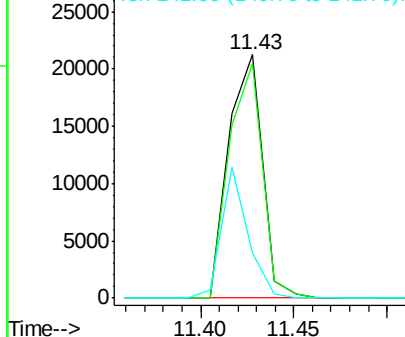
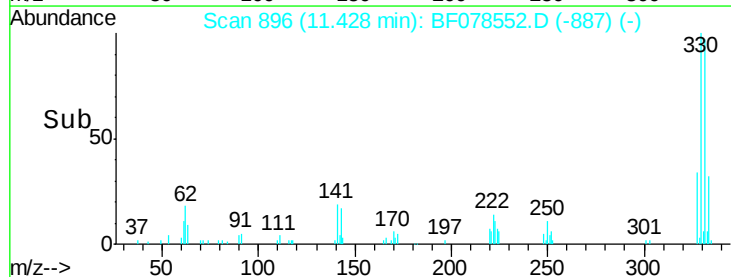


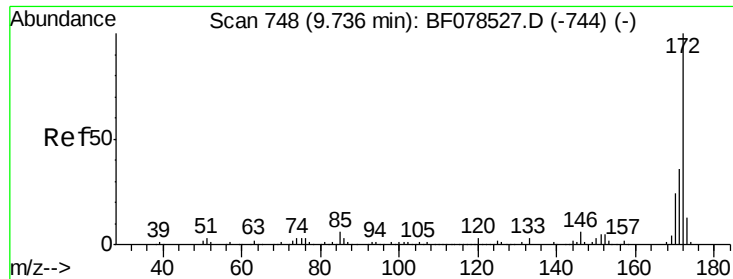
#41
 2,4,6-Tribromophenol
 Concen: 66.75 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	26906		
332	95.5	78.6	117.8	
141	42.0	31.2	46.8	



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





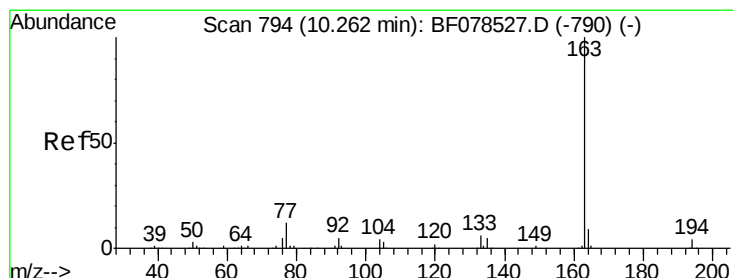
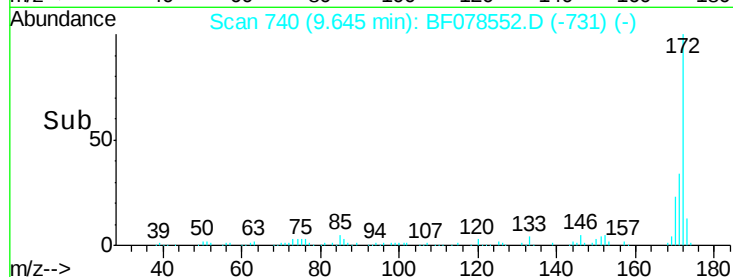
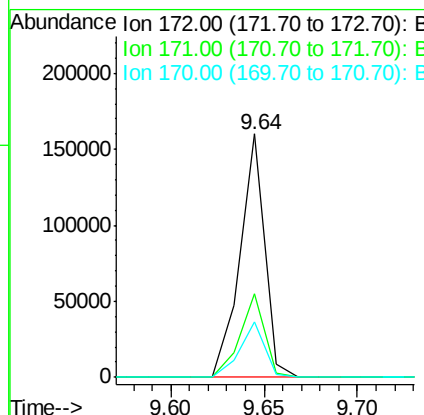
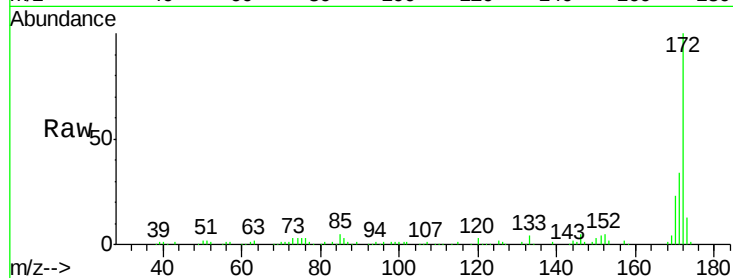
#44
2-Fluorobiphenyl
Concen: 43.74 ng
RT: 9.64 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Instrument :
BNA_F
ClientSampleId :
HS-SB03B

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	148710		
171	34.4	28.6	42.8	
170	22.6	18.5	27.7	

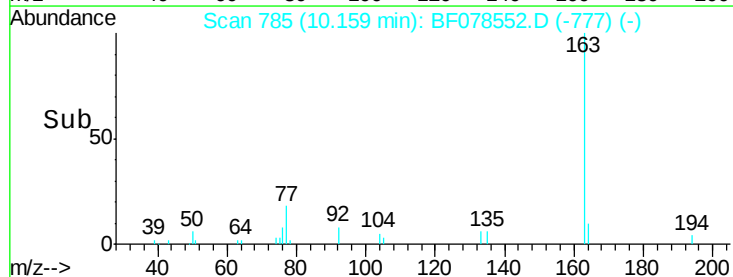
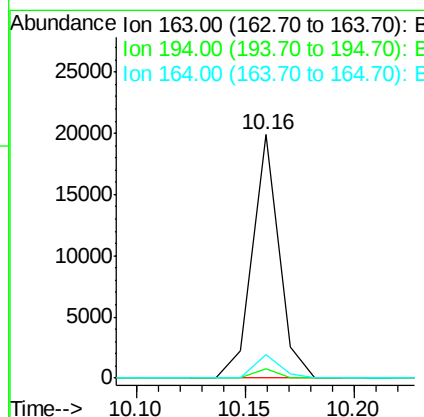
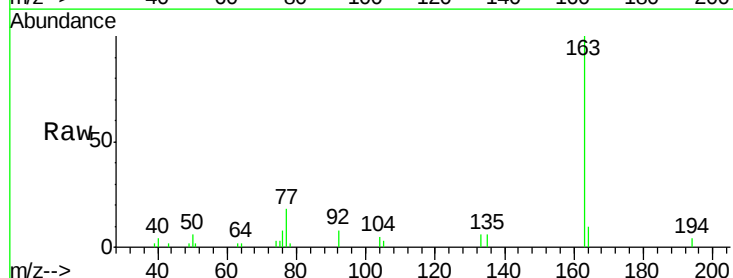
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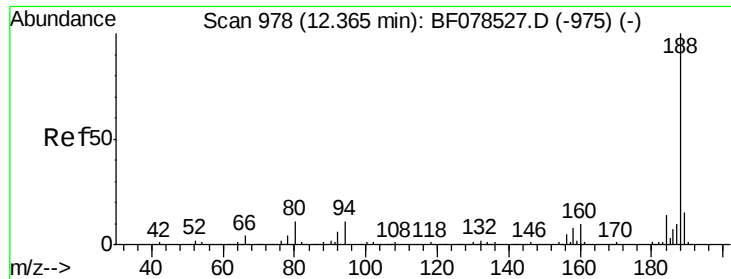
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#49
Dimethylphthalate
Concen: 4.62 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	16882		
194	3.9	2.3	3.5#	
164	9.8	8.6	13.0	





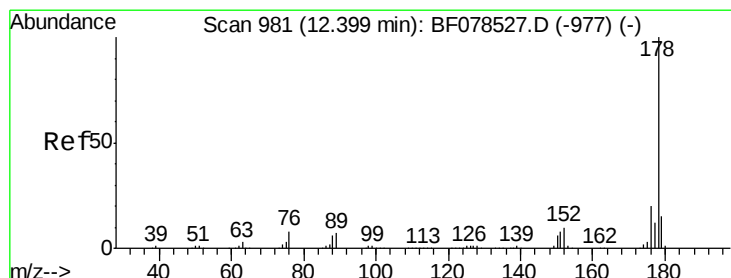
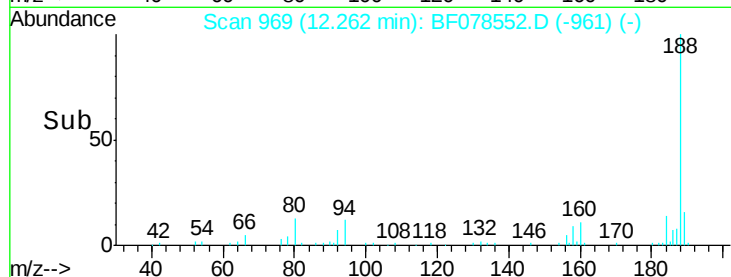
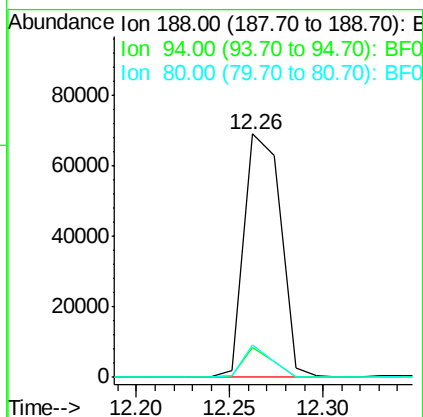
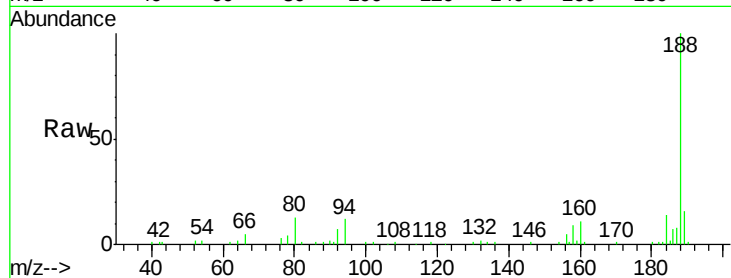
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Instrument :
BNA_F
ClientSampleId :
HS-SB03B

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	93740		
94	12.0		9.0	13.4
80	13.4		9.5	14.3

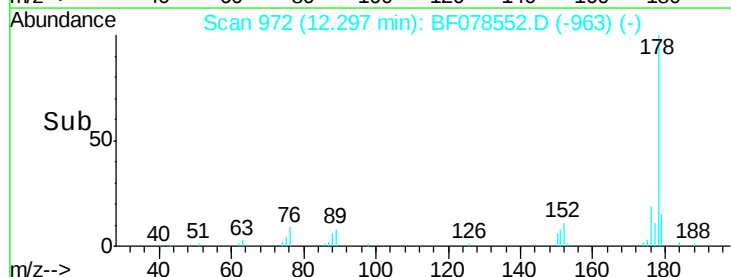
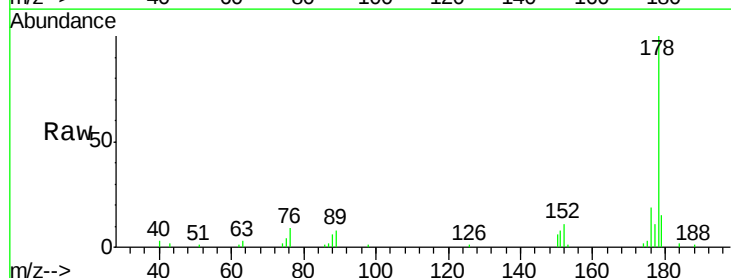
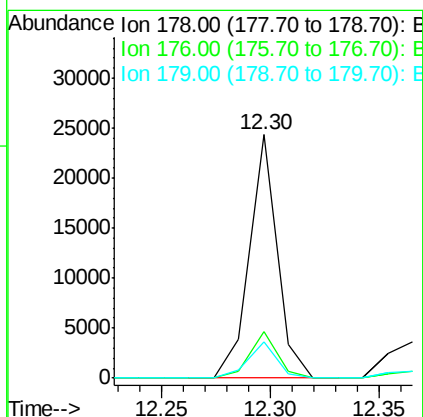
Manual Integrations
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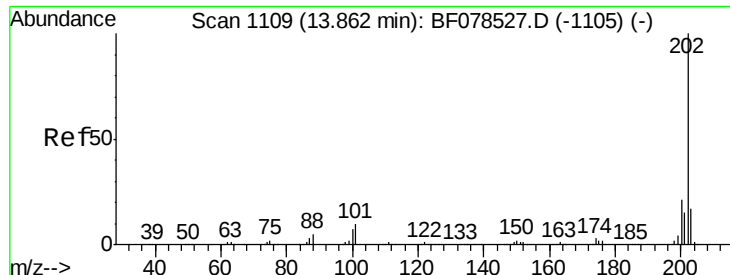
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#70
Phenanthrene
Concen: 3.99 ng
RT: 12.30 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	21617		
176	19.3		15.4	23.0
179	15.1		12.2	18.2





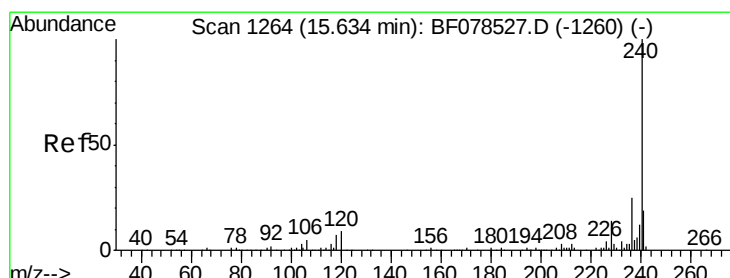
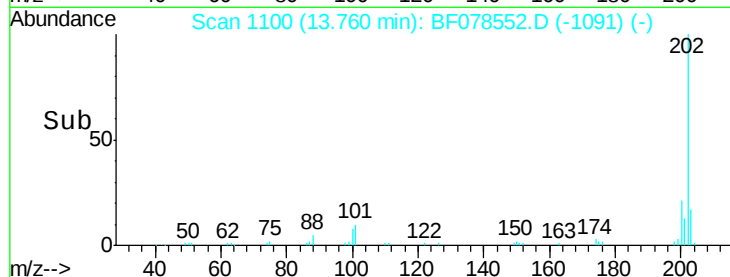
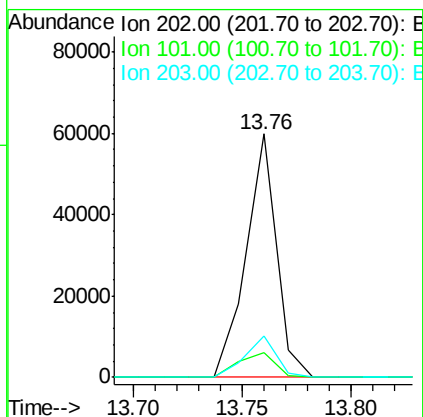
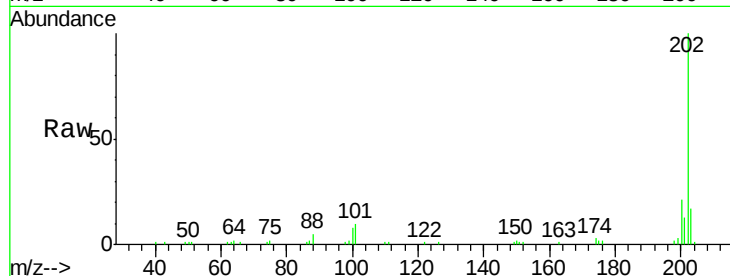
#74
 Fluoranthene
 Concen: 10.17 ng
 RT: 13.76 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB03B

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	0.0	35.2
203	17.0	0.0	38.5

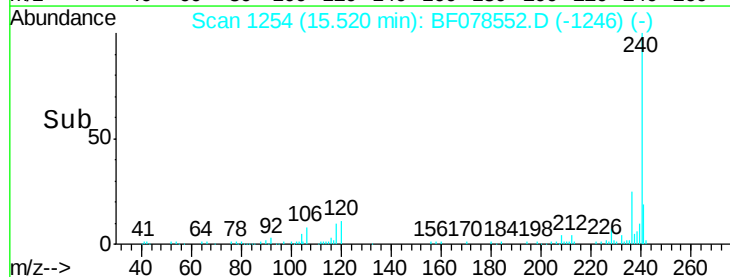
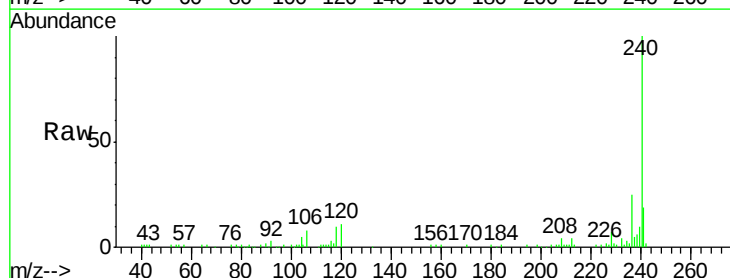
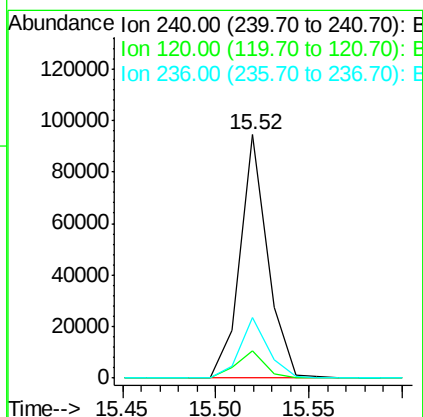
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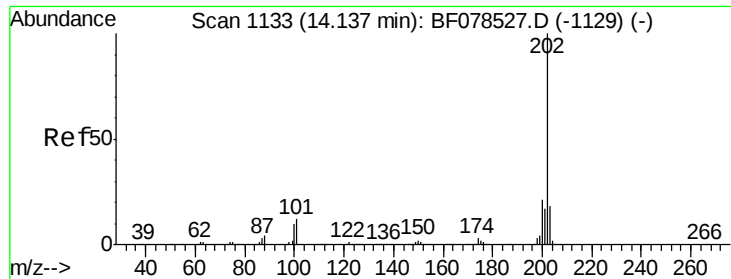
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.2	7.1	10.7#
236	25.1	21.4	32.2





#77

Pyrene

Concen: 8.63 ng

RT: 14.03 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Instrument :

BNA_F

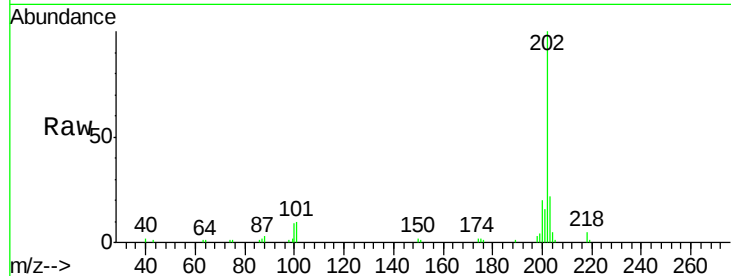
ClientSampleId :

HS-SB03B

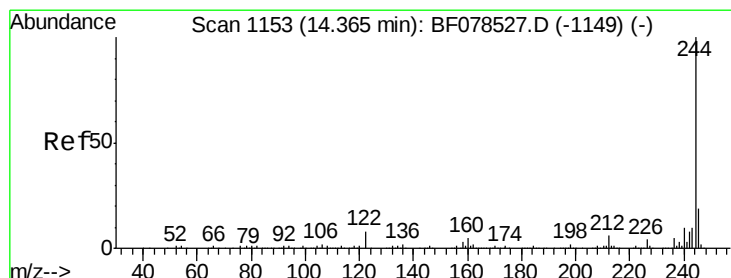
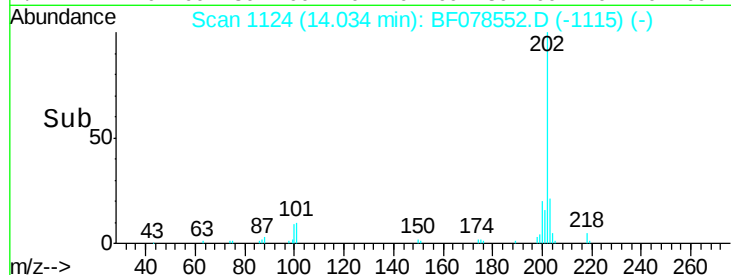
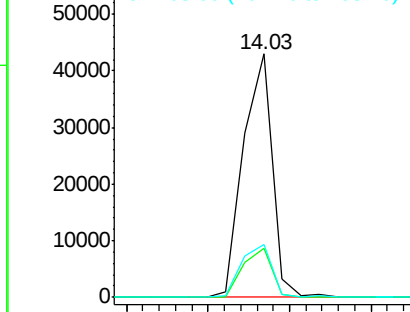
Tgt	Ion	202	Resp:	52799
Ion	Ratio	Lower	Upper	
202	100			
200	20.4	16.3	24.5	
203	21.6	13.8	20.6	

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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: 39.69 ng

RT: 14.26 min Scan# 1144

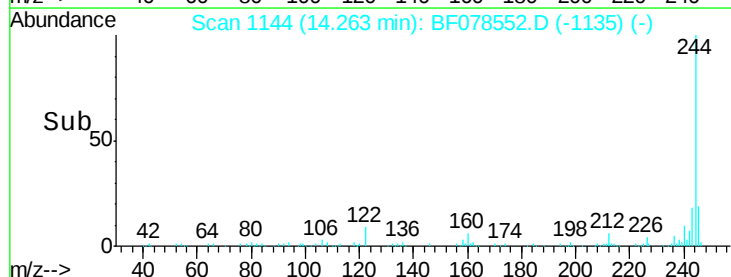
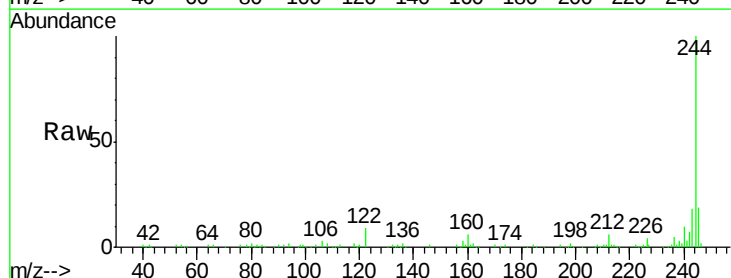
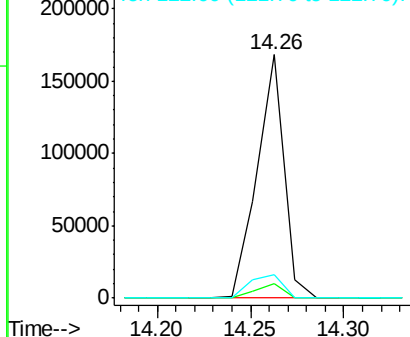
Delta R.T. 0.00 min

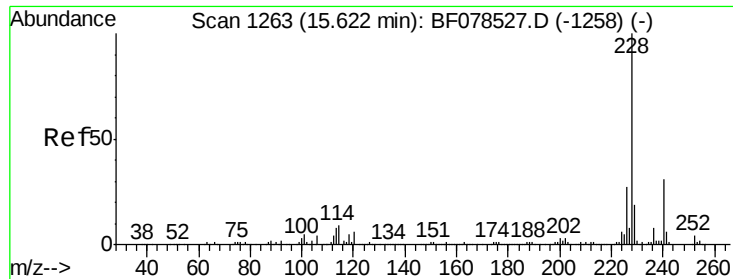
Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Tgt	Ion	244	Resp:	171068
Ion	Ratio	Lower	Upper	
244	100			
212	6.2	5.0	7.4	
122	9.5	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





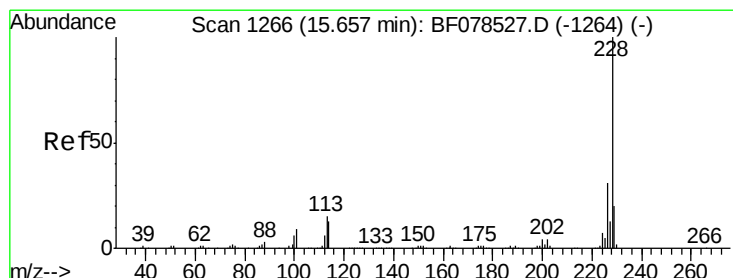
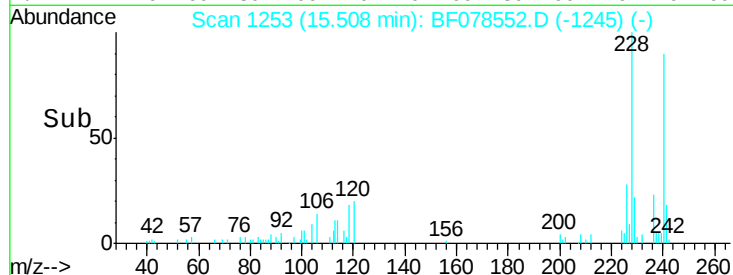
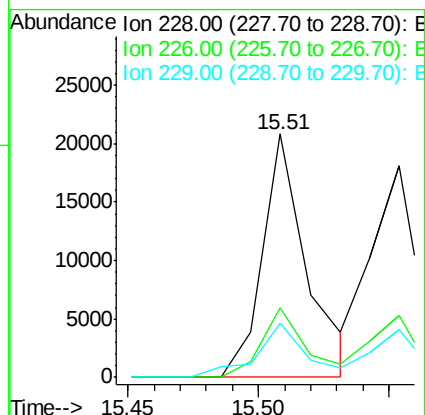
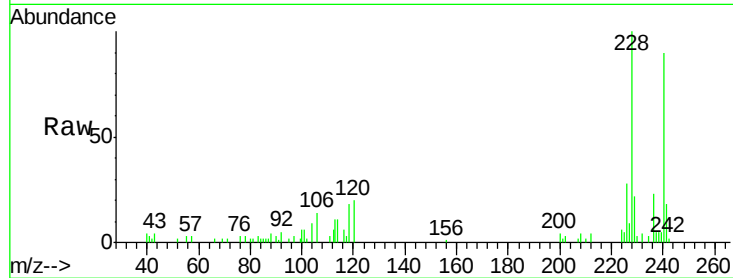
#80
Benzo(a)anthracene
Concen: 4.21 ng
RT: 15.51 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Instrument :
BNA_F
ClientSampleId :
HS-SB03B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.3	31.9
229	22.1	15.4	23.2

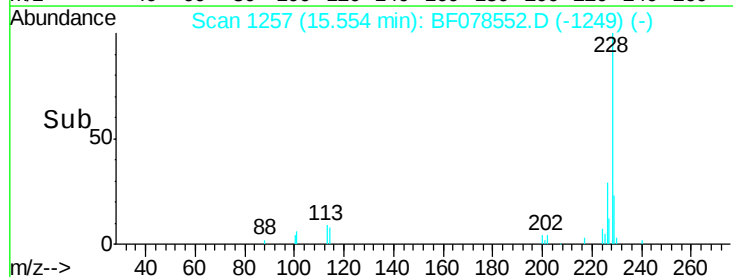
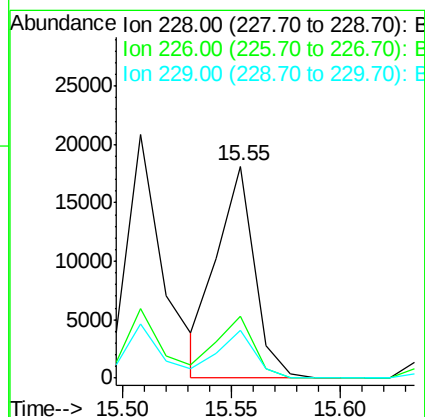
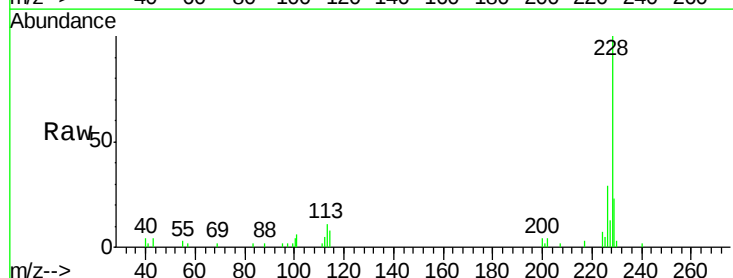
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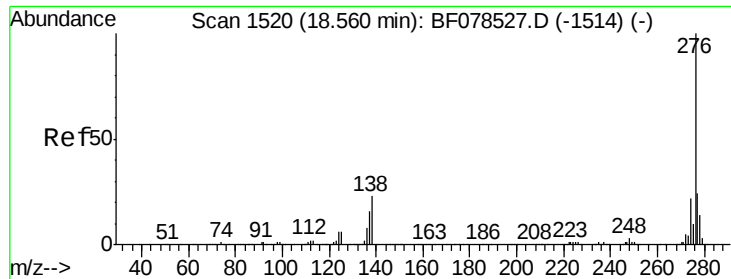
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#82
Chrysene
Concen: 3.96 ng
RT: 15.55 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	22.5	15.8	23.8





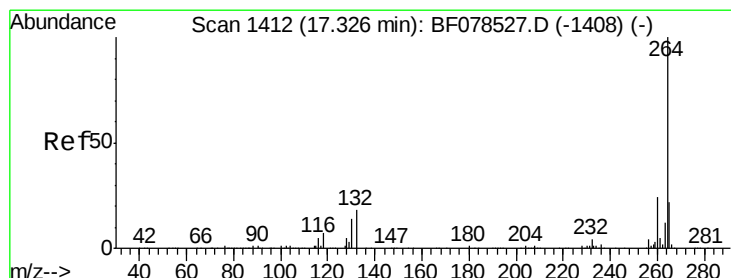
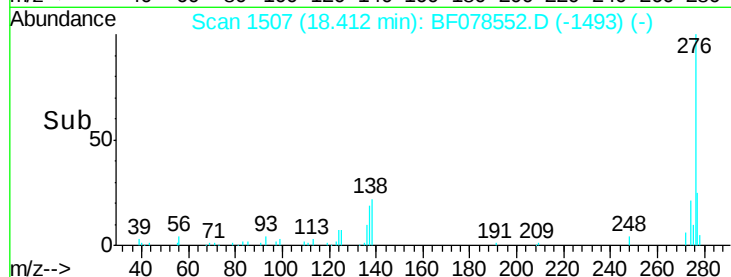
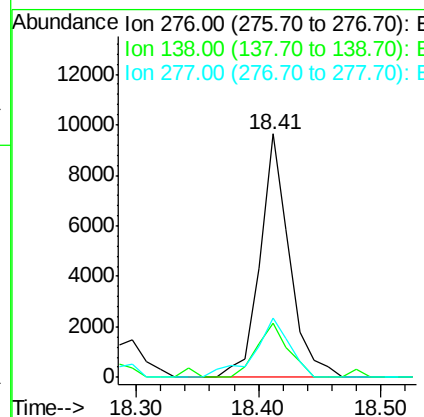
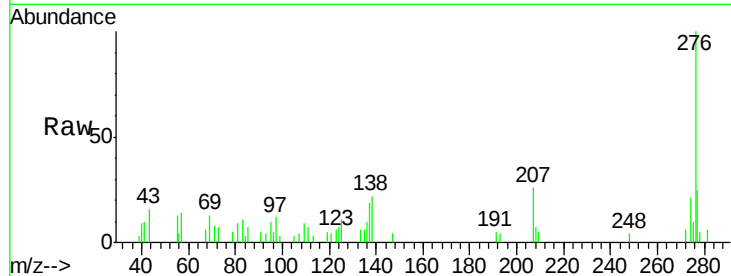
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.65 ng m
 RT: 18.41 min Scan# 1507
 Delta R.T. -0.14 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB03B

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	3.9	16.9	25.3#
277	3.9	15.8	23.6#

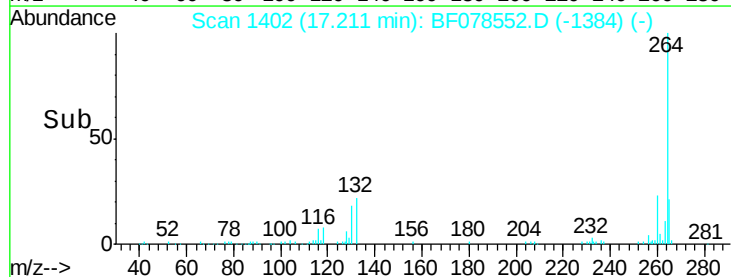
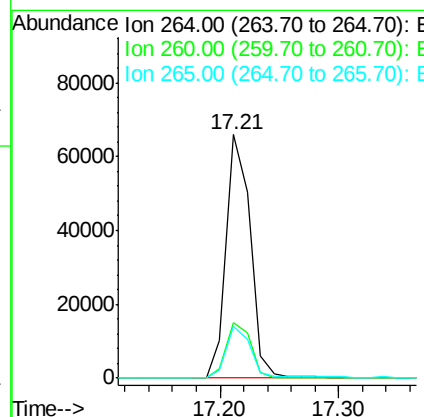
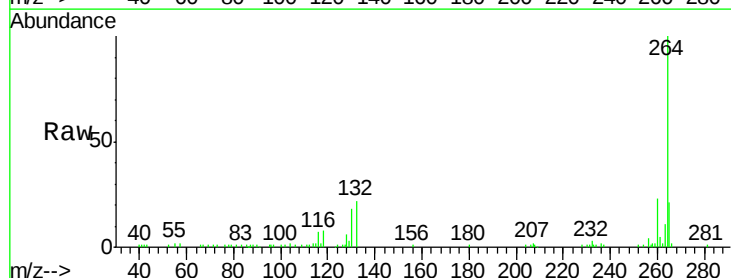
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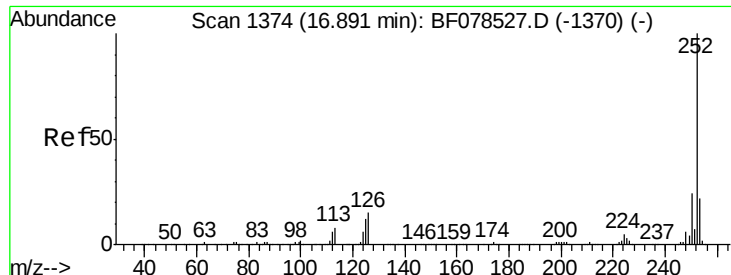
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.21 min Scan# 1402
 Delta R.T. -0.09 min
 Lab File: BF078552.D
 Acq: 15 Apr 2015 23:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.0	18.6	27.8
265	21.4	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 5.27 ng

RT: 16.79 min Scan# 1365

Delta R.T. -0.06 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Instrument :

BNA_F

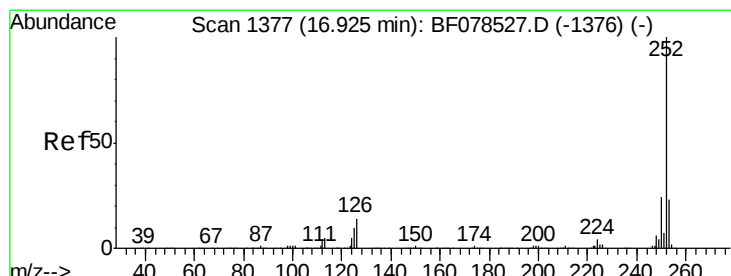
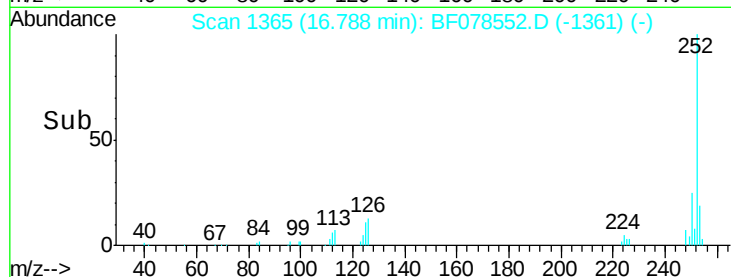
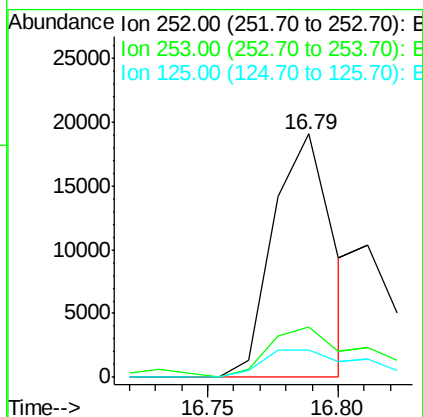
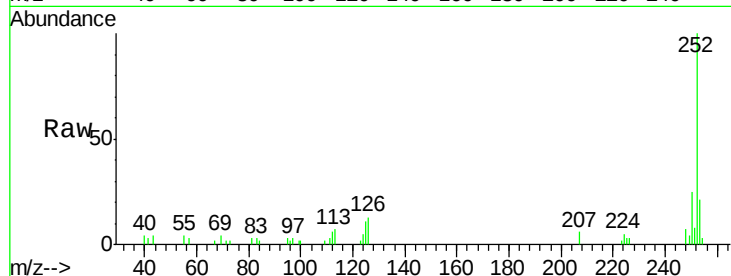
ClientSampleId :

HS-SB03B

Tgt Ion:	252	Resp:	30133
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.2	25.8
125	11.3	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 2.24 ng m

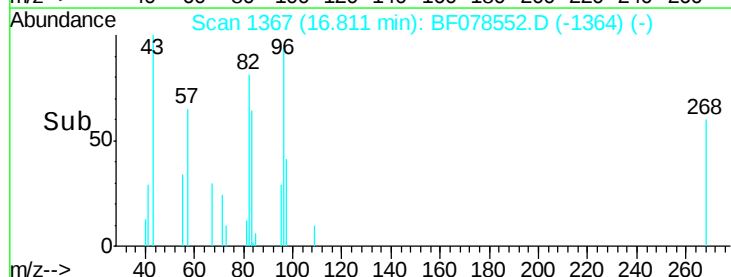
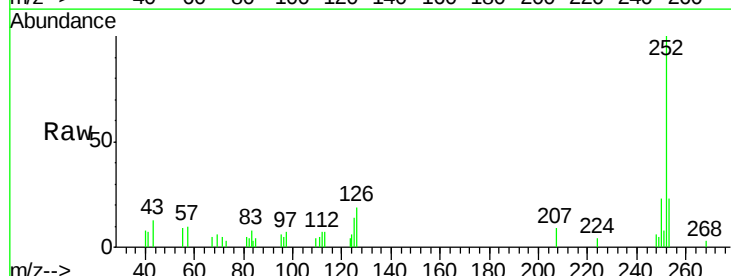
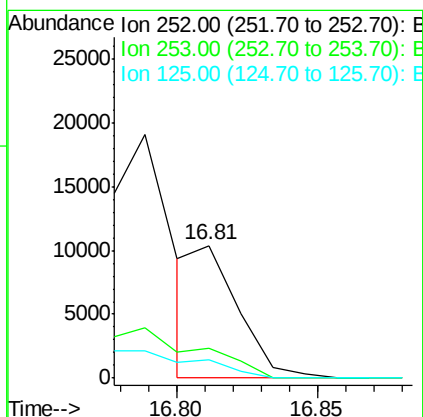
RT: 16.81 min Scan# 1367

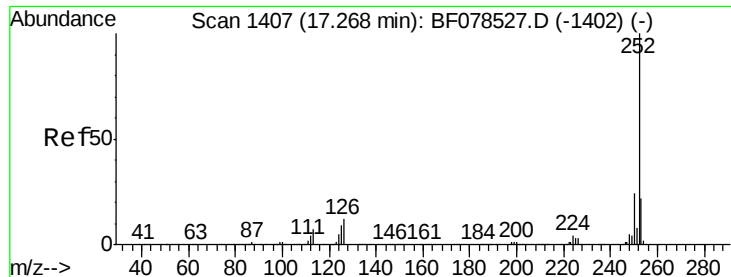
Delta R.T. -0.07 min

Lab File: BF078552.D

Acq: 15 Apr 2015 23:16

Tgt Ion:	252	Resp:	11410
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	14.3	11.6	17.4





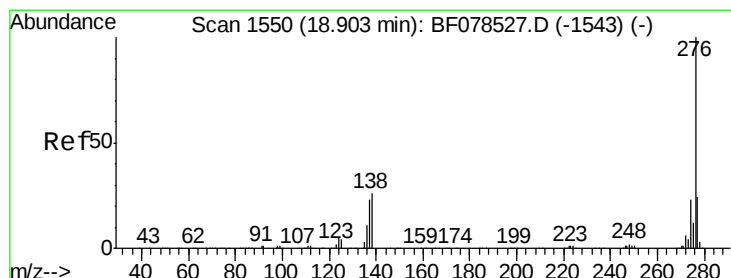
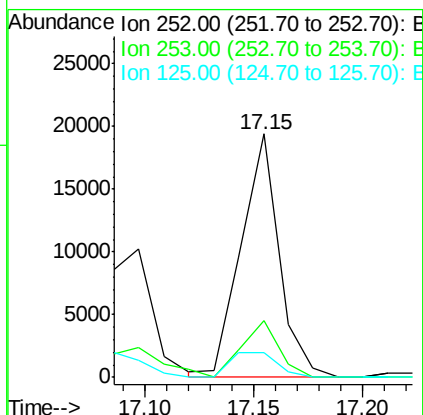
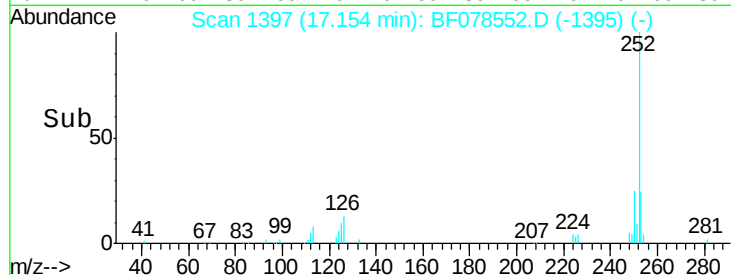
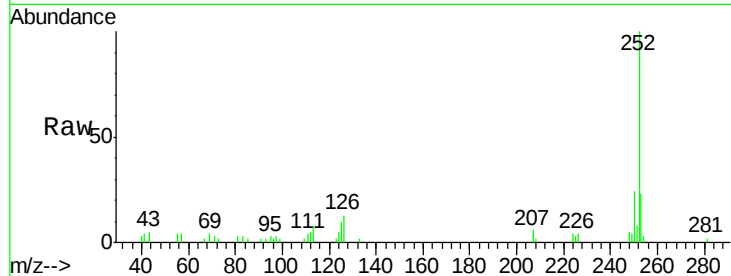
#89
Benzo(a)pyrene
Concen: 4.72 ng
RT: 17.15 min Scan# 1397
Delta R.T. -0.08 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Instrument :
BNA_F
ClientSampled :
HS-SB03B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.8	25.2
125	10.2	7.4	11.0

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#91
Benzo(g,h,i)perylene
Concen: 3.29 ng
RT: 18.74 min Scan# 1536
Delta R.T. -0.14 min
Lab File: BF078552.D
Acq: 15 Apr 2015 23:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	23.8	19.9	29.9

