

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110111.D
 Acq On : 24 Oct 2018 13:31
 Operator : JU/SJ
 Sample : J5610-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6-8)

Manual Integrations
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 10/25/2018 11:14:30 AM

Quant Time: Oct 25 03:52:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	184440	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	678974	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	274738	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	423348	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	333278	20.00	ng	-0.01
87) Perylene-d12	15.67	264	231120	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1046549	92.40	ng	0.00
7) Phenol-d6	6.59	99	1325131	91.47	ng	-0.01
23) Nitrobenzene-d5	7.53	82	797386	69.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	211710	77.79	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1277814	73.03	ng	-0.01
79) Terphenyl-d14	13.09	244	948993	59.22	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	135570	8.755	ng	Qvalue # 74
50) Dimethylphthalate	9.72	163	242566	11.961	ng	100
71) Phenanthrene	11.53	178	164223	7.414	ng	98
75) Fluoranthene	12.72	202	252437	11.229	ng	100
78) Pyrene	12.95	202	230715	9.656	ng	97
81) Benzo(a)anthracene	14.14	228	126157m	6.383	ng	
83) Chrysene	14.17	228	118448	6.310	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	33987	2.424	ng	# 94
86) Indeno(1,2,3-cd)pyrene	17.23	276	52350	3.362	ng	98
88) Benzo(b)fluoranthene	15.22	252	130937m	9.811	ng	
89) Benzo(k)fluoranthene	15.24	252	40028m	3.051	ng	
90) Benzo(a)pyrene	15.60	252	83716	6.817	ng	# 93
92) Benzo(a,h,i)perylene	17.72	276	47411	4.540	ng	# 87

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

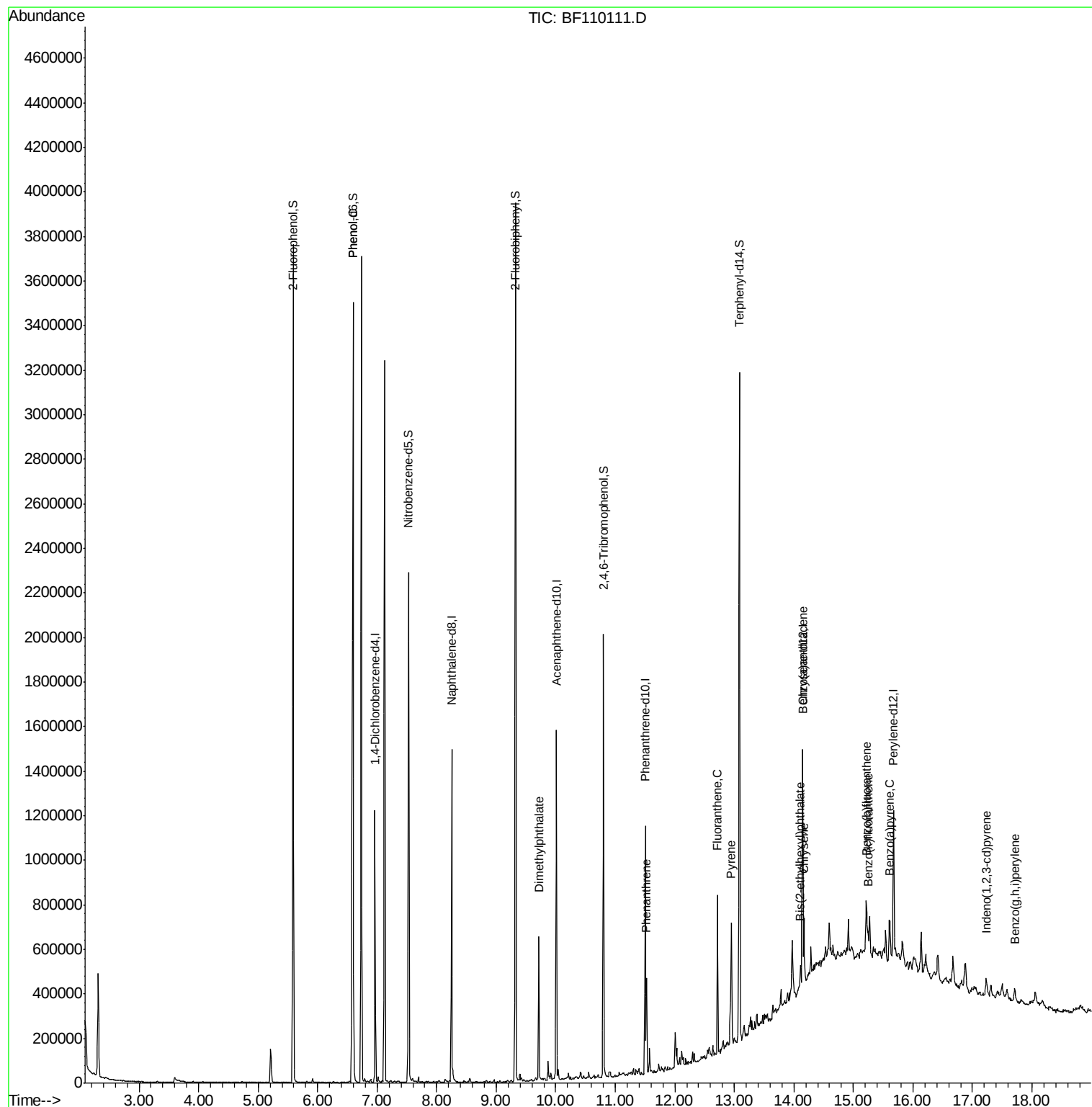
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110111.D
Acq On : 24 Oct 2018 13:31
Operator : JU/SJ
Sample : J5610-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

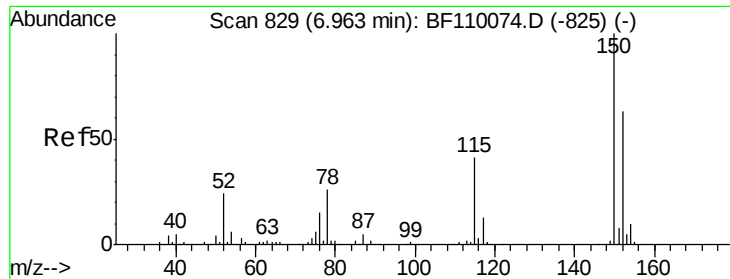
Instrument :
BNA_F
ClientSampleId :
SB-3(6-8)

Quant Time: Oct 25 03:52:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

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#1

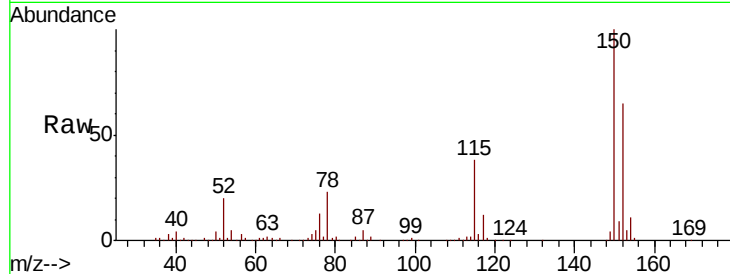
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :
SB-3(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.7	184.1
115	58.3	49.1	73.7

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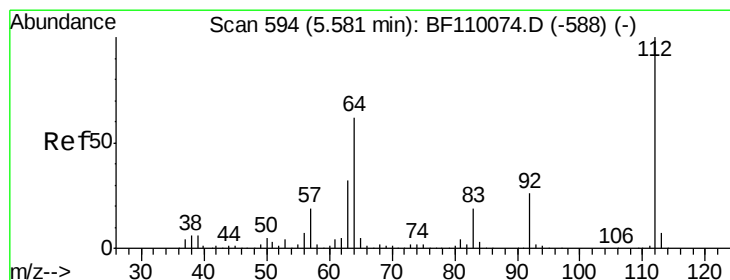
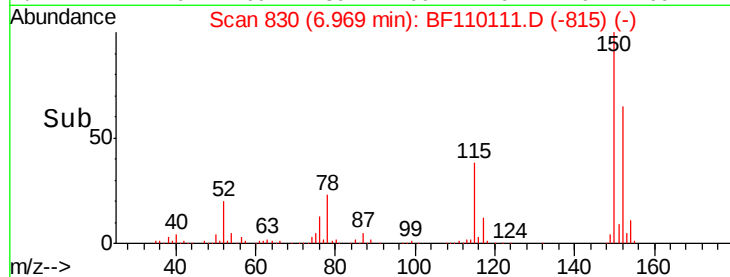
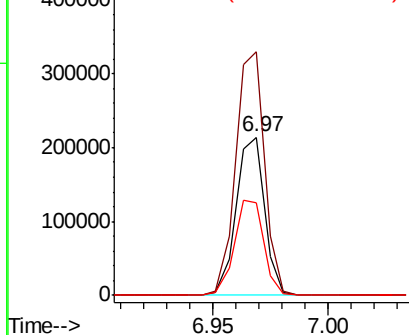


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

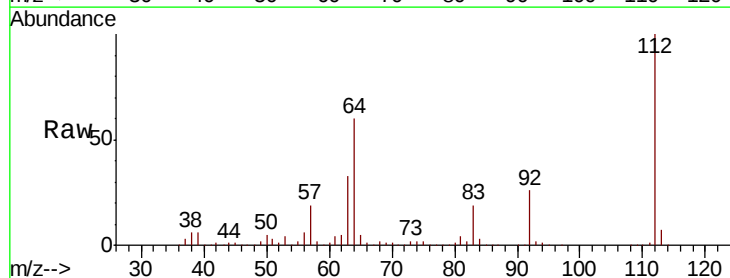
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.402 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	32.6	23.7	35.5

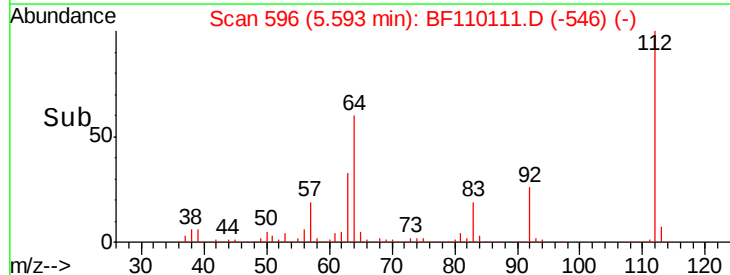
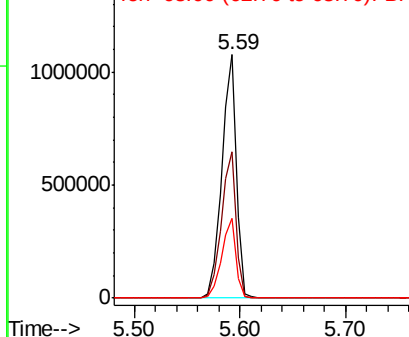


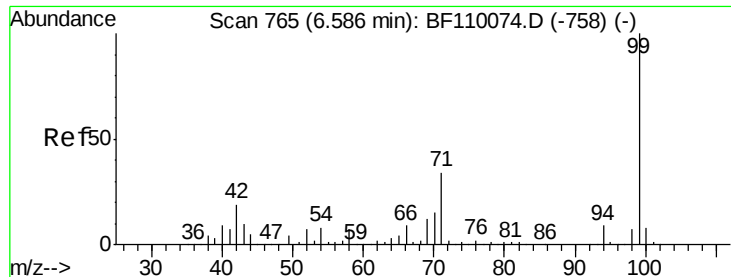
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.471 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Instrument :

BNA_F

ClientSampled :

SB-3(6-8)

Tot Ion: 99 Resp: 1325131

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

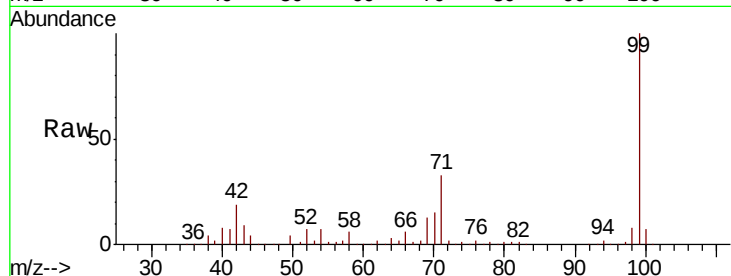
71 33.4 28.0 42.0

Manual Integrations

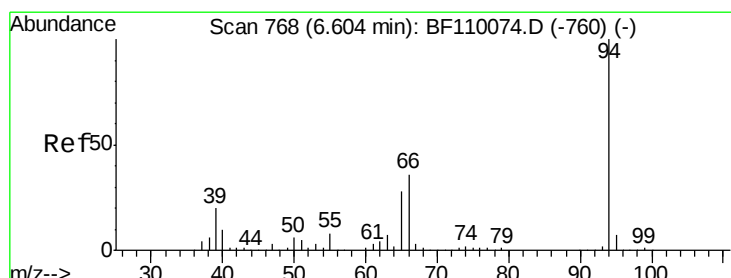
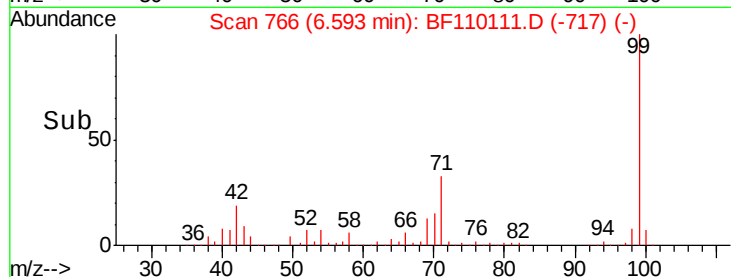
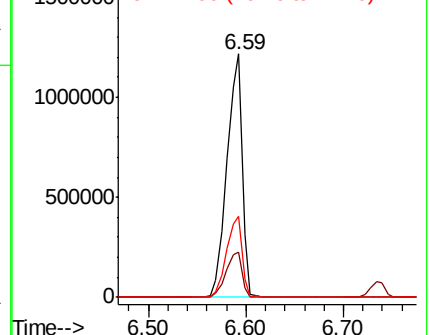
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 8.755 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

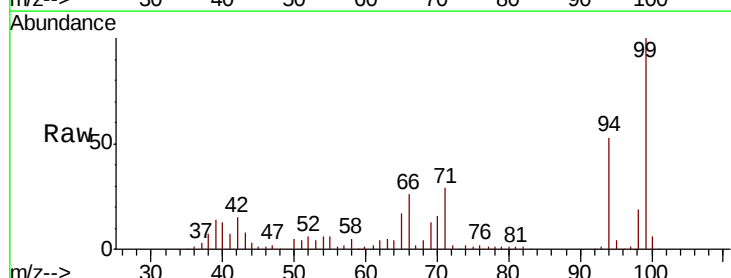
Tgt Ion: 94 Resp: 135570

Ion Ratio Lower Upper

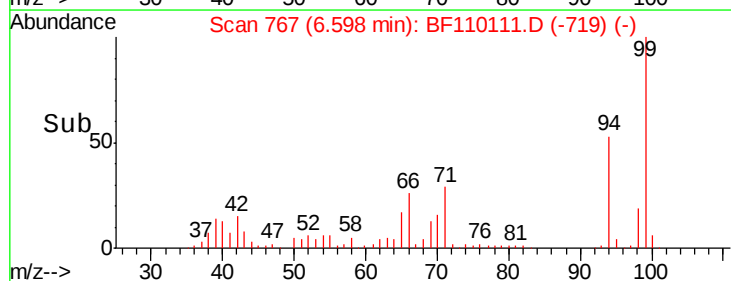
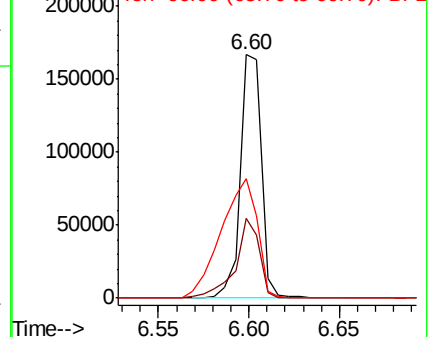
94 100

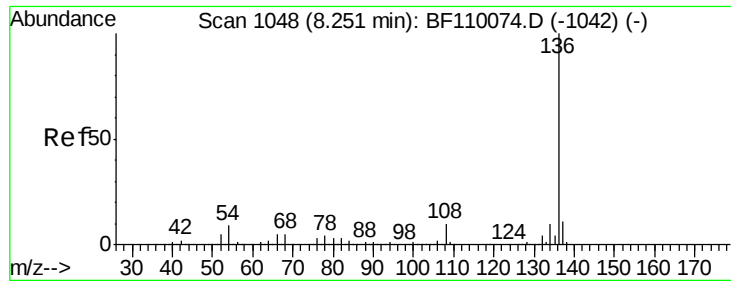
65 32.9 25.3 65.3

66 48.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Instrument :

BNA_F

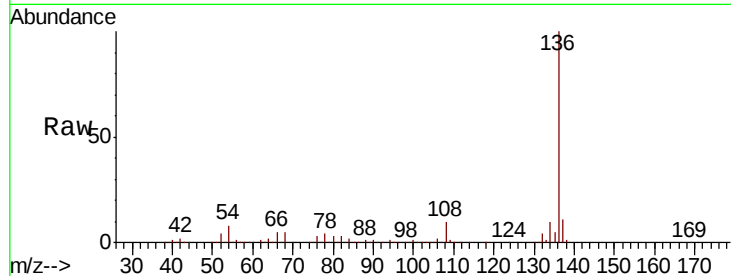
ClientSampleId :

SB-3(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	678974		
137	11.3		8.8	13.2
54	7.6		5.4	8.2
68	5.3		4.2	6.2

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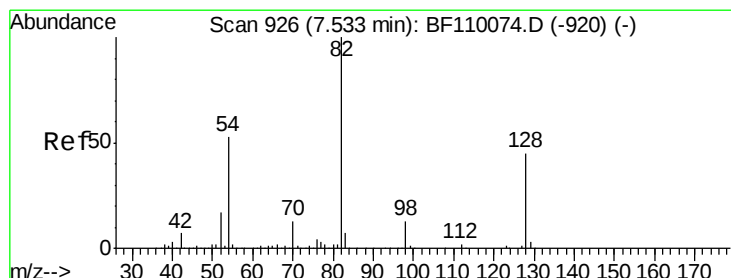
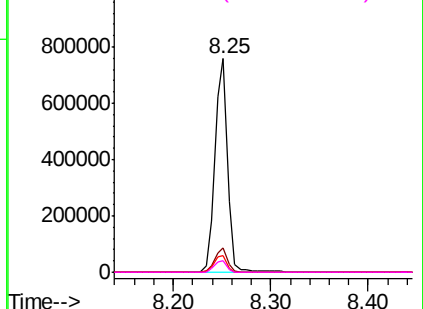
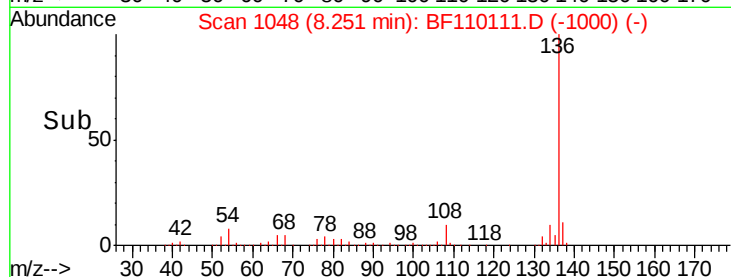
Abundance

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): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 69.657 ng

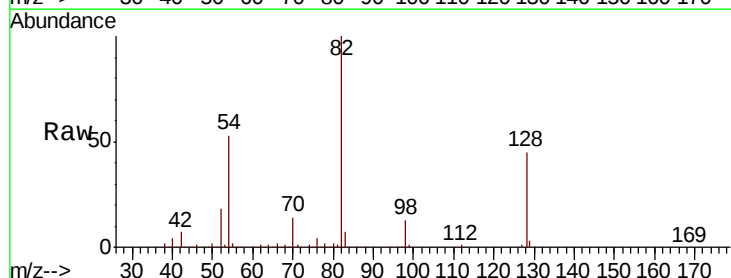
RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	797386		
128	44.8		34.2	51.2
54	53.1		38.6	58.0

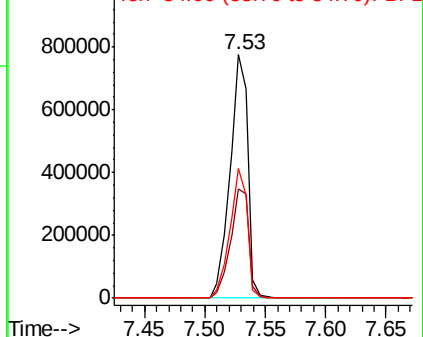
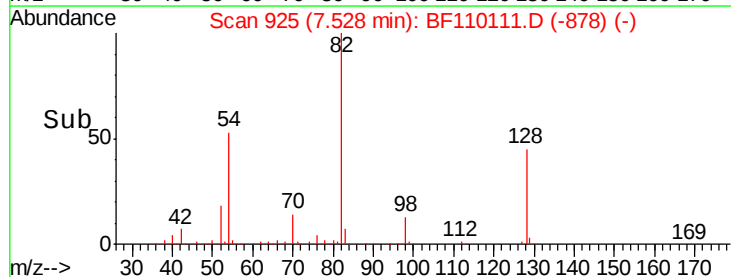


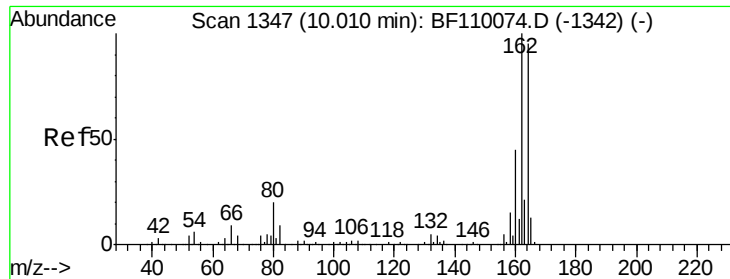
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





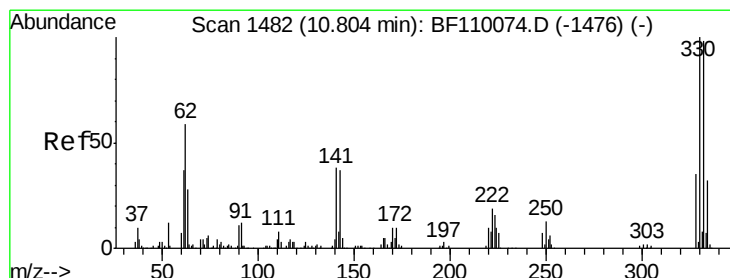
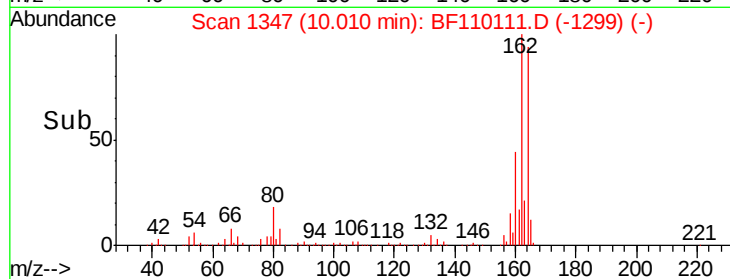
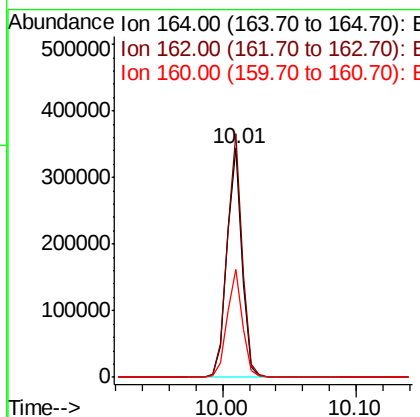
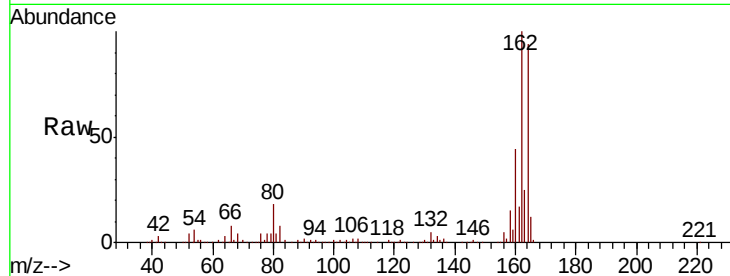
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampled :
SB-3(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.3	83.0	124.6	
160	47.1	37.0	55.6	

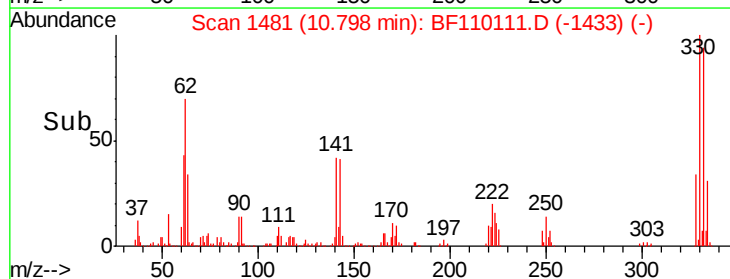
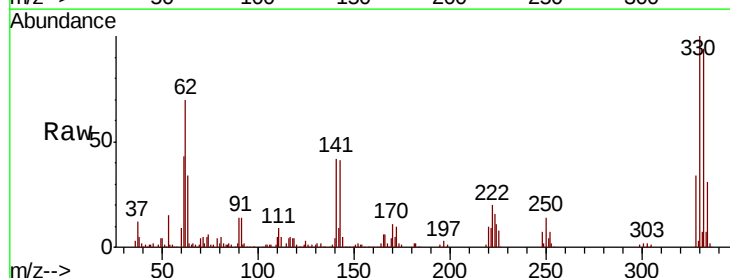
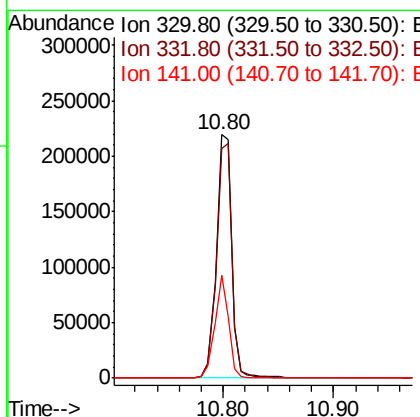
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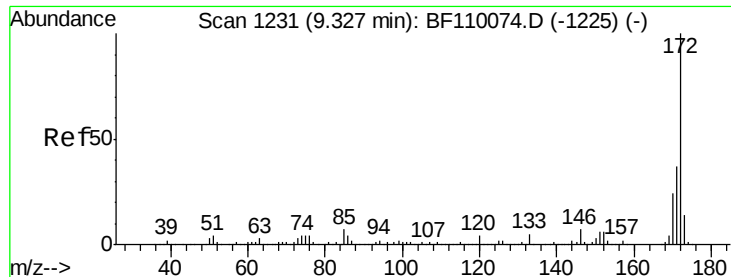
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#42
2,4,6-Tribromophenol
Concen: 77.793 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.1	115.7	
141	37.5	27.0	40.4	





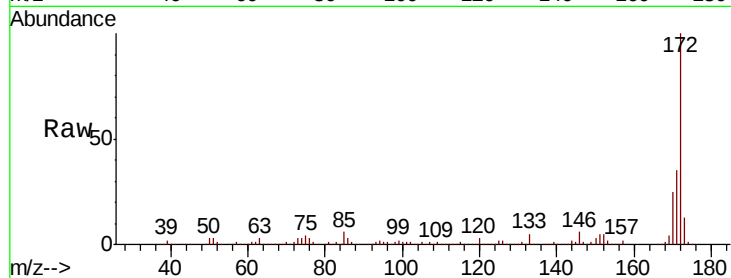
#45
2-Fluorobiphenyl
Concen: 73.033 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :
SB-3(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	24.5	19.7	29.5

Manual Integrations
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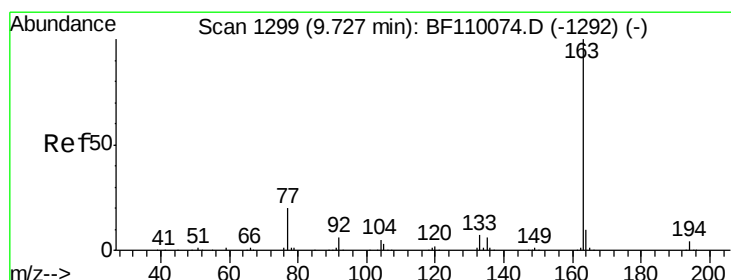
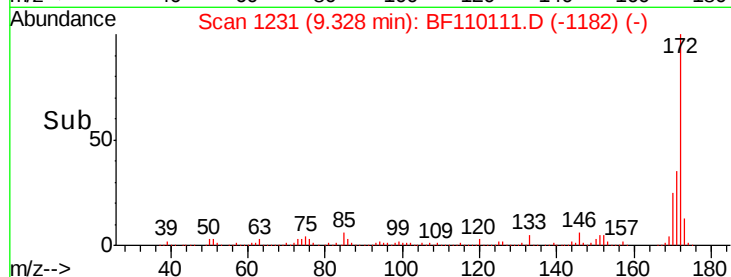
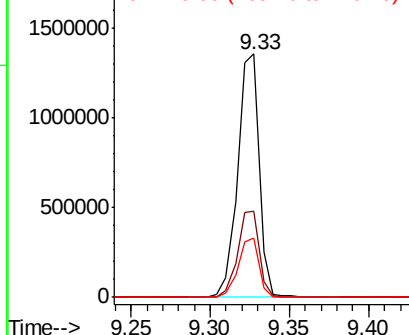


Abundance

Ion 172.00 (171.70 to 172.70): E

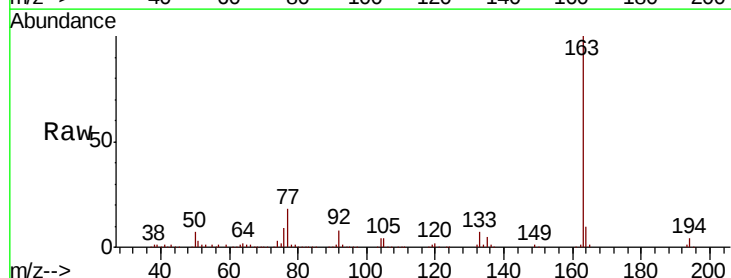
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 11.961 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.1	12.1

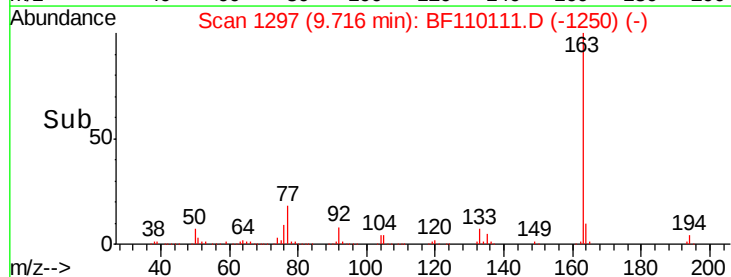
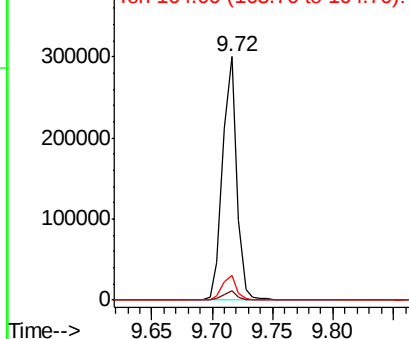


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





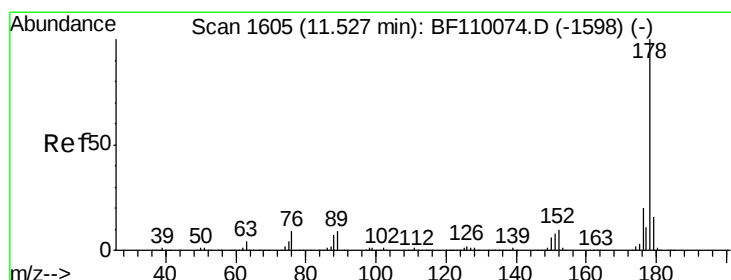
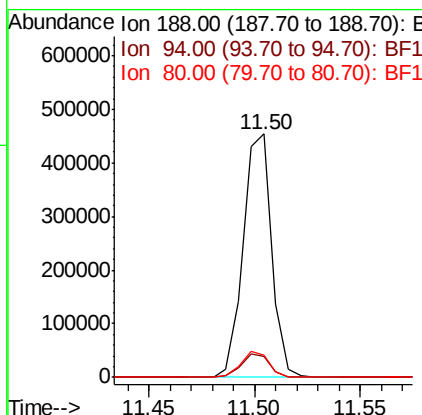
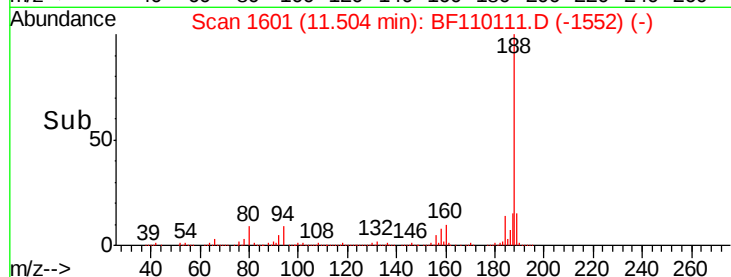
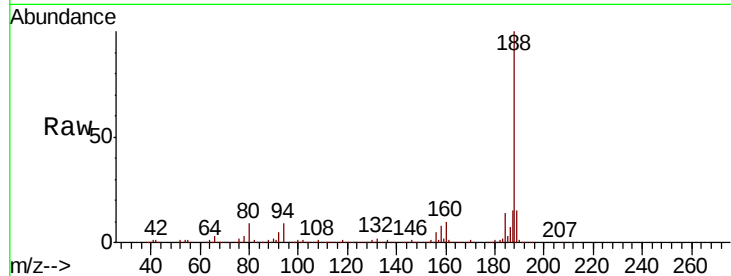
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :
SB-3(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	423348		
94	8.6		7.2	10.8
80	8.9		7.9	11.9

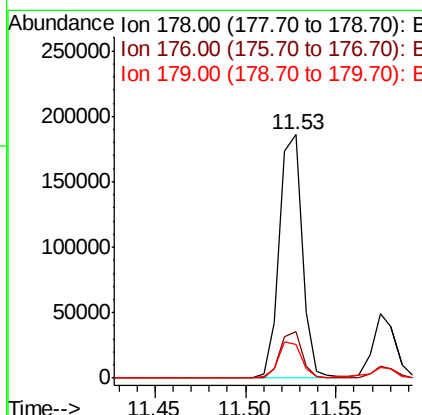
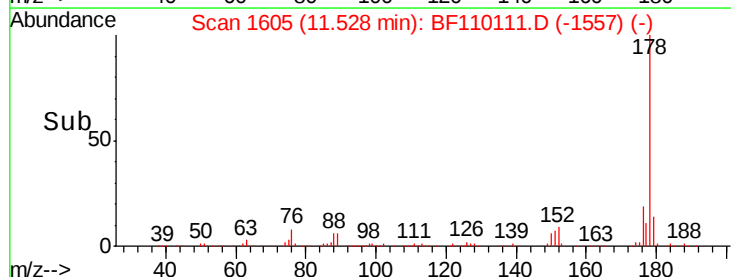
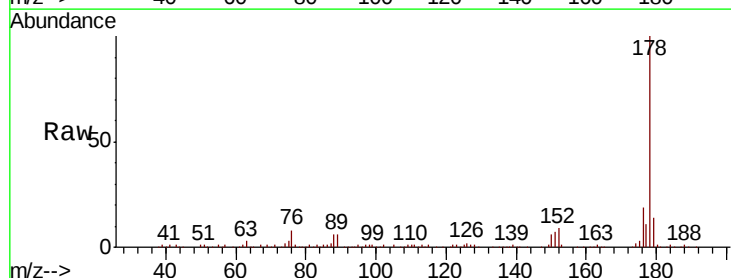
Manual Integrations
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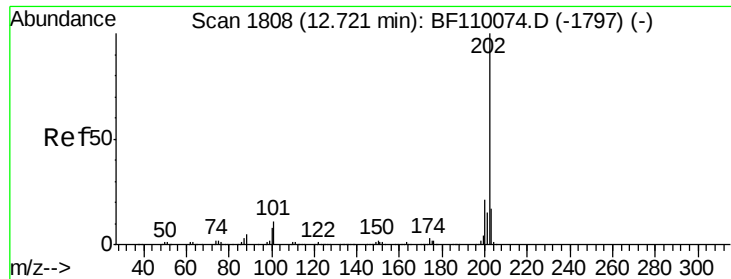
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#71
Phenanthrene
Concen: 7.414 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	164223		
176	18.9		15.5	23.3
179	13.9		12.5	18.7





#75

Fluoranthene

Concen: 11.229 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Instrument :

BNA_F

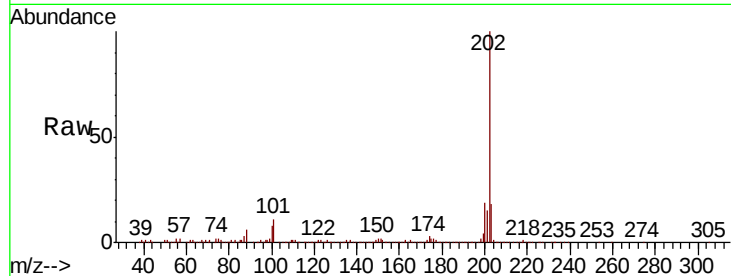
ClientSampleId :

SB-3(6-8)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		252437		
101	11.4	0.0	31.4		
203	17.8	0.0	37.7		

Manual Integrations
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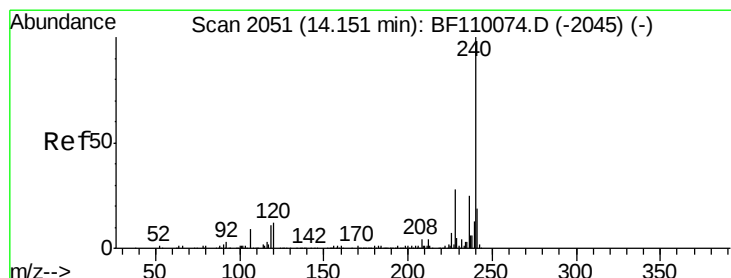
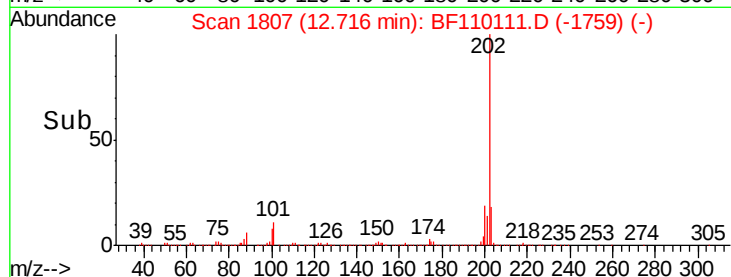
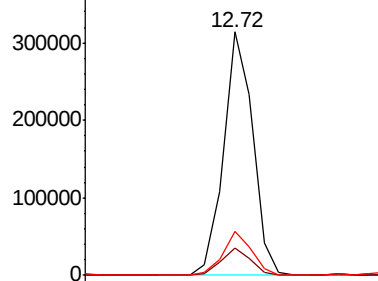


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

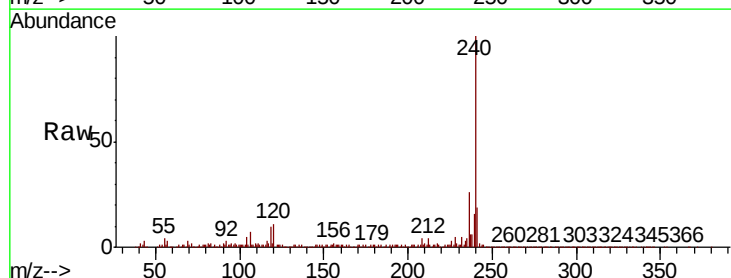
RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		333278		
120	11.5	8.3	12.5		
236	25.6	21.2	31.8		

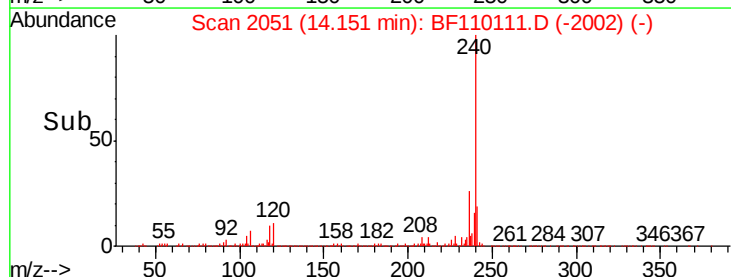
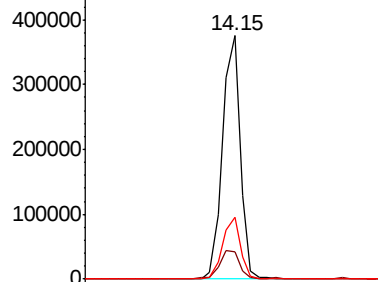


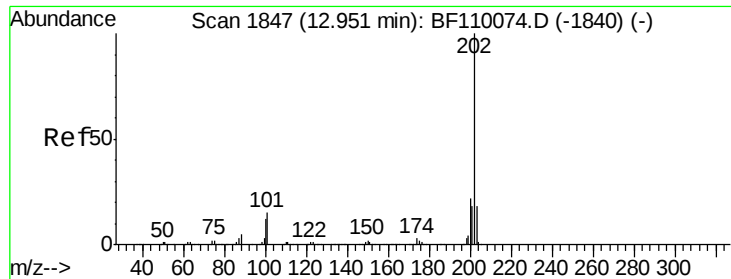
Abundance

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





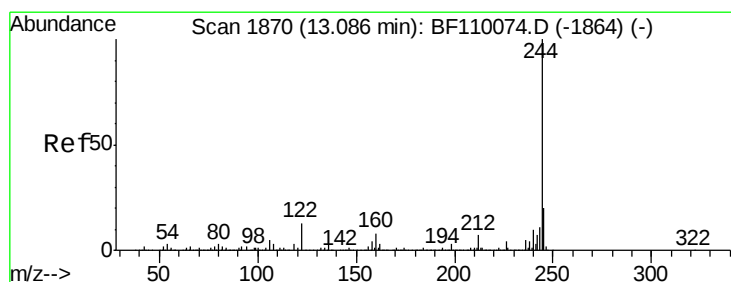
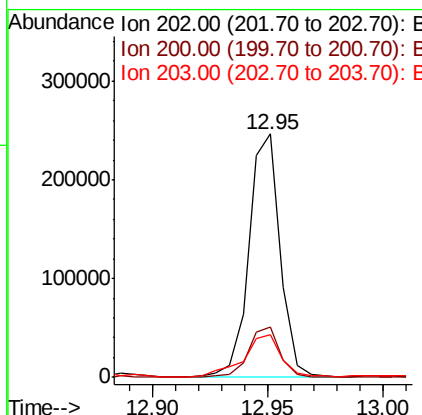
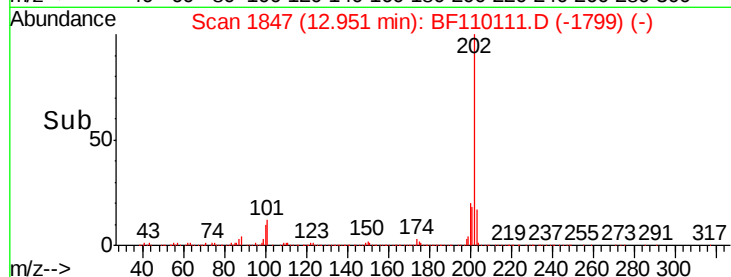
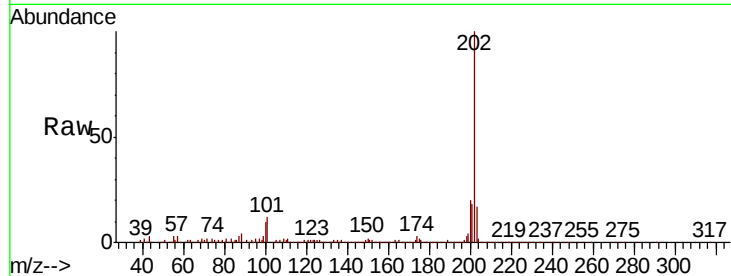
#78
Pvrene
Concen: 9.656 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :
SB-3(6-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.3	14.2	21.4

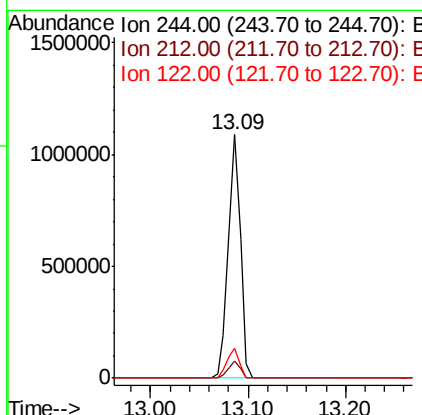
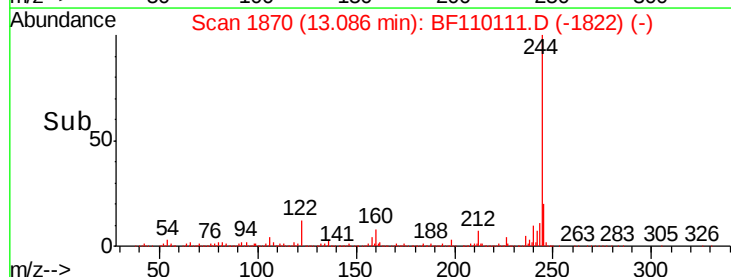
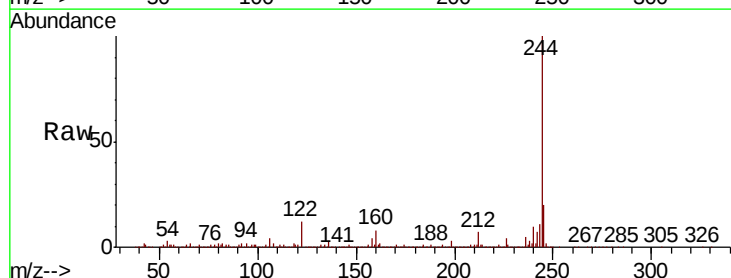
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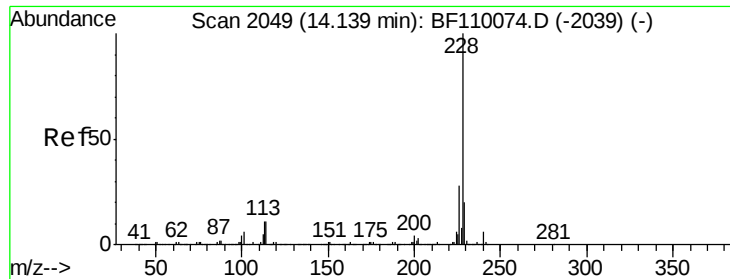
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#79
Terphenyl-d14
Concen: 59.219 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.1	8.7	13.1





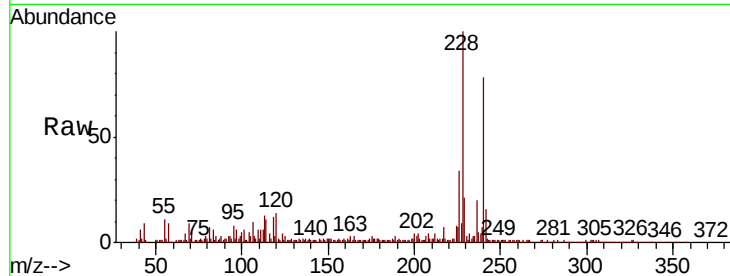
#81
Benzo(a)anthracene
Concen: 6.383 ng m
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :
SB-3(6-8)

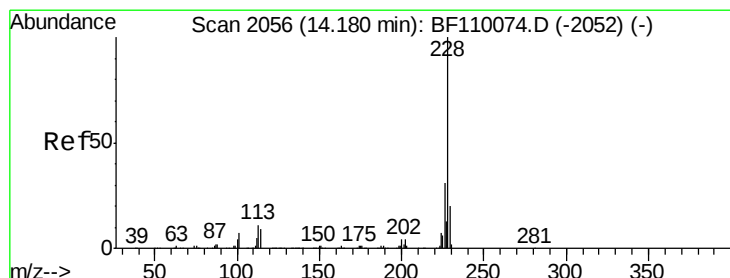
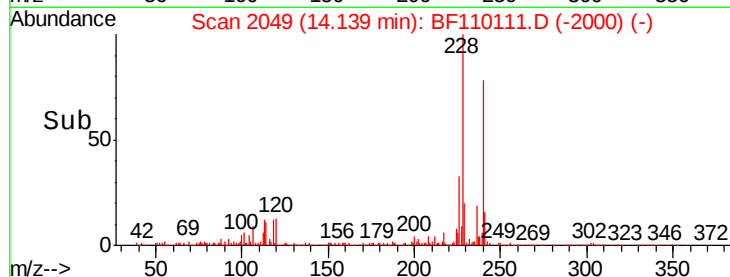
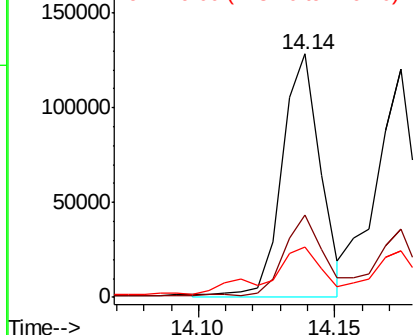
Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.1	33.1#
229	20.7	15.6	23.4

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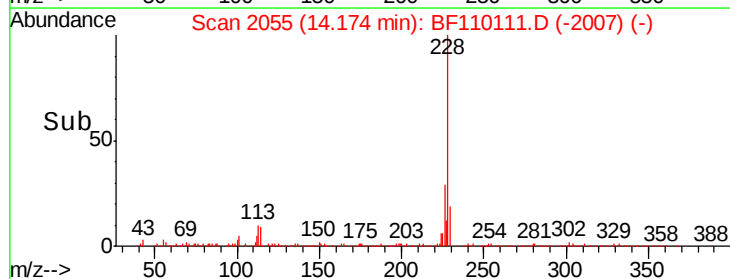
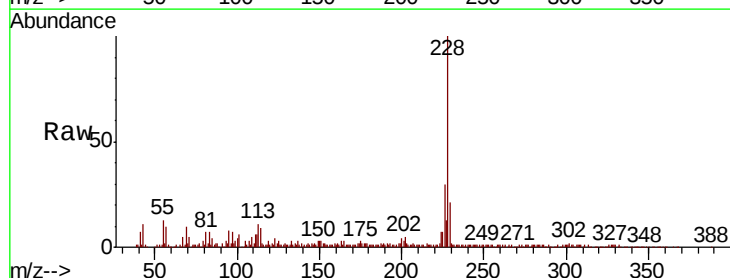
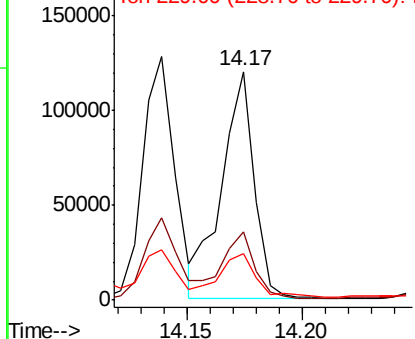
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

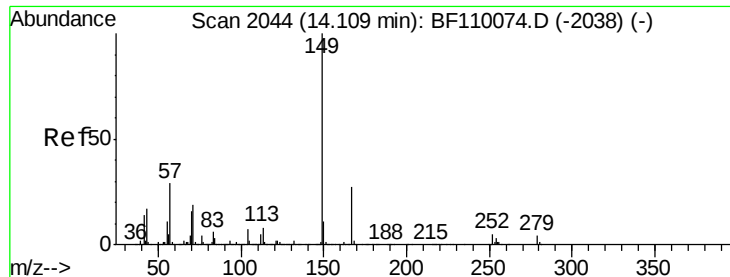


#83
Chrysene
Concen: 6.310 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	20.6	15.9	23.9

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.424 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Instrument :

BNA_F

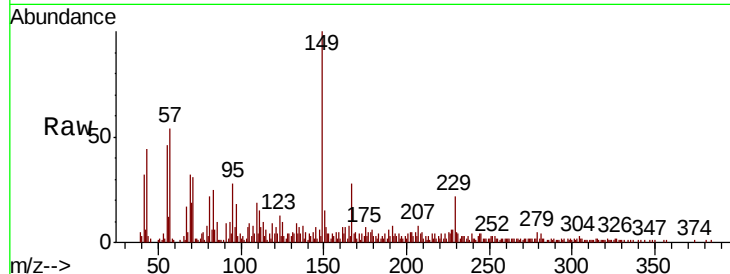
ClientSampled :

SB-3(6-8)

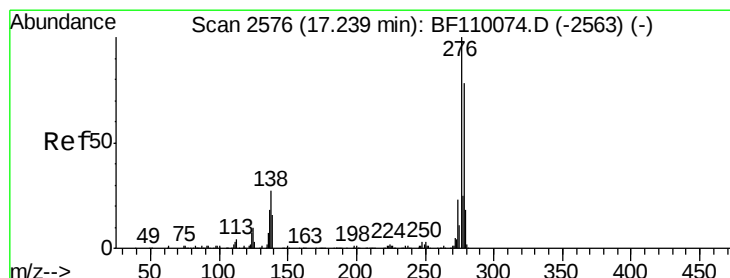
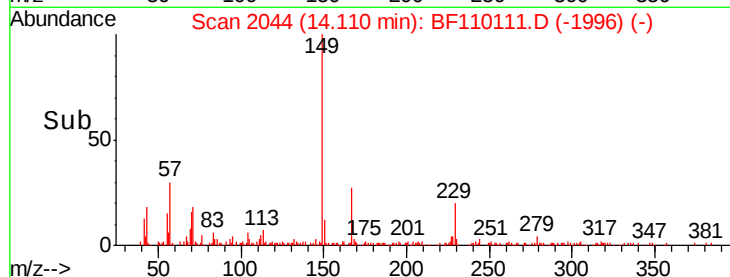
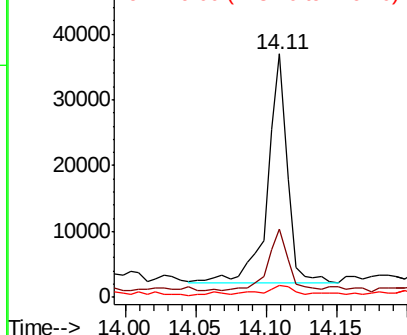
Tot Ion:	149	Resp:	33987
Ion Ratio	Lower	Upper	
149	100		
167	28.1	19.8	29.8
279	4.9	2.7	4.1#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 3.362 ng

RT: 17.23 min Scan# 2575

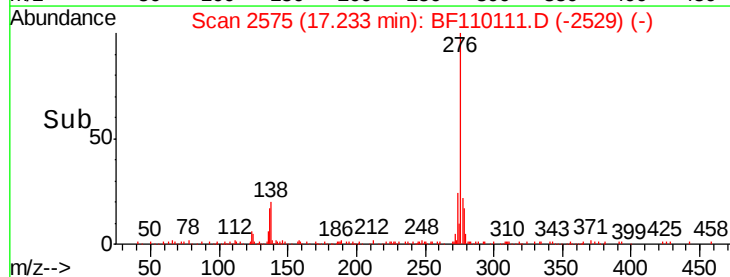
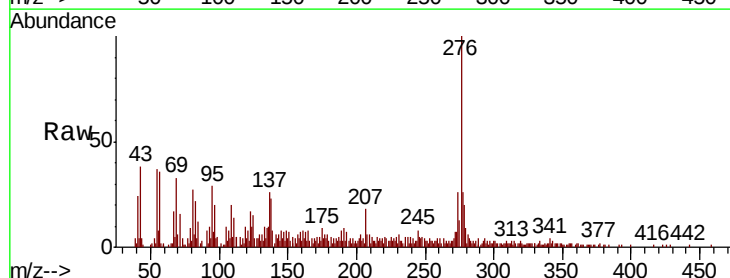
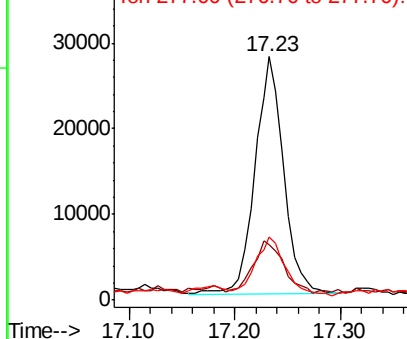
Delta R.T. -0.03 min

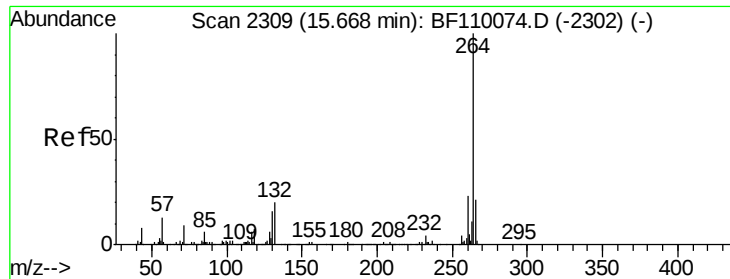
Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Tgt Ion:	276	Resp:	52350
Ion Ratio	Lower	Upper	
276	100		
138	24.0	18.5	27.7
277	25.9	20.0	30.0

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Instrument :

BNA_F

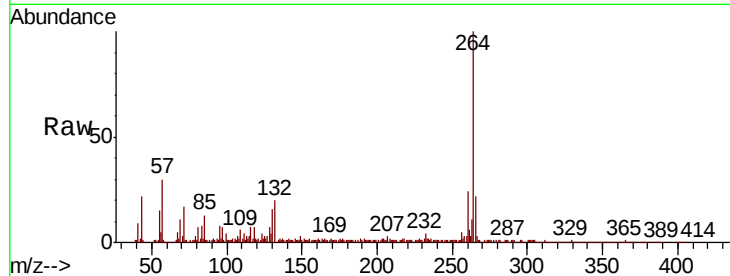
ClientSampleId :

SB-3(6-8)

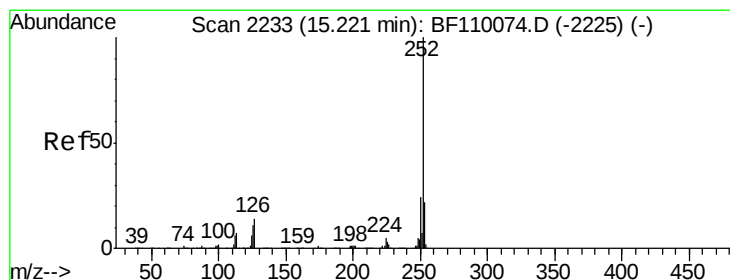
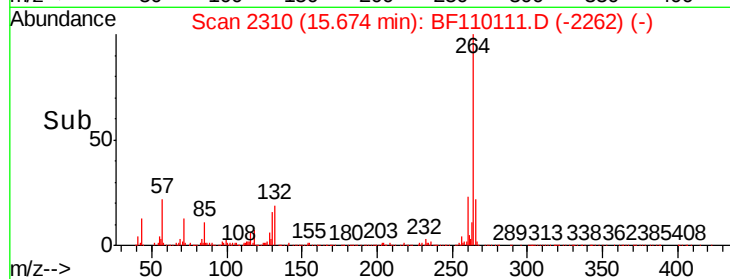
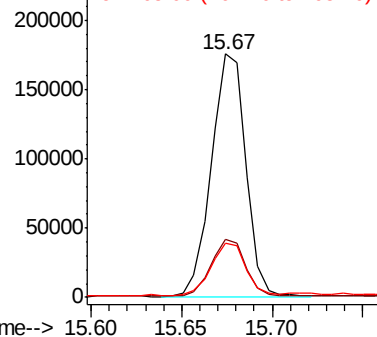
Tot Ion:	264	Resp:	231120
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.7	28.1
265	22.1	16.7	25.1

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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



#88

Benzo(b)fluoranthene

Concen: 9.811 ng m

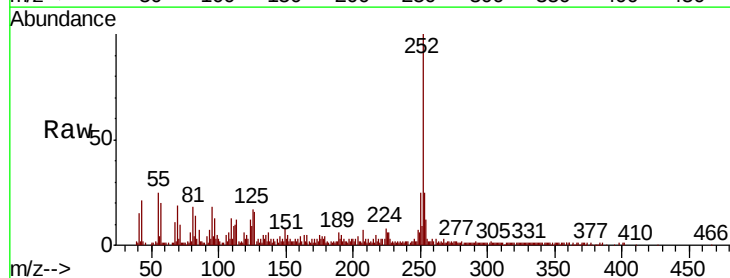
RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

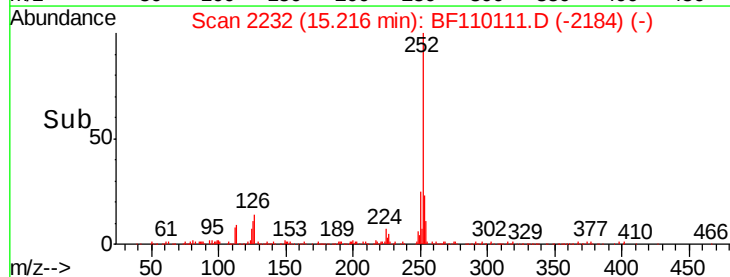
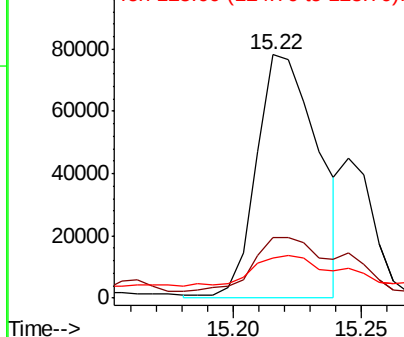
Lab File: BF110111.D

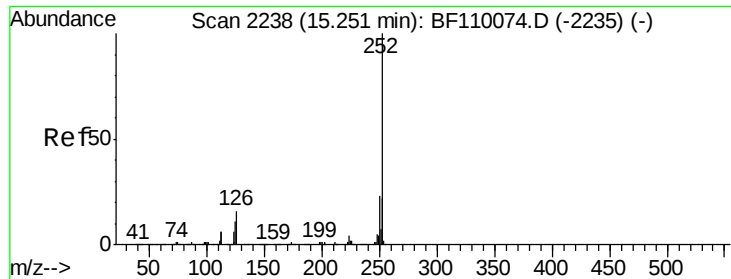
Acq: 24 Oct 2018 13:31

Tgt Ion:	252	Resp:	130937
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.2	25.8
125	16.6	8.2	12.4#



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(k)fluoranthene

Concen: 3.051 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

Instrument :

BNA_F

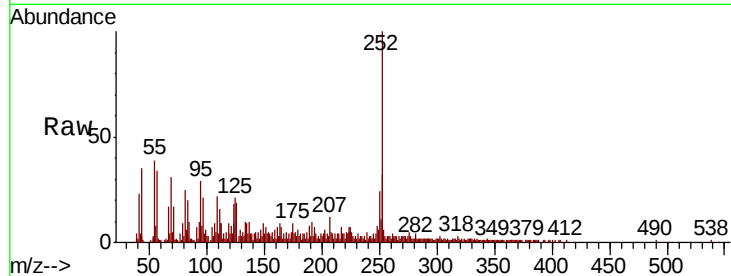
ClientSampleId :

SB-3(6-8)

Tot Ion:	252	Resp:	40028
Ion Ratio	Lower	Upper	
252	100		
253	32.1	17.2	25.8#
125	20.9	7.4	11.0#

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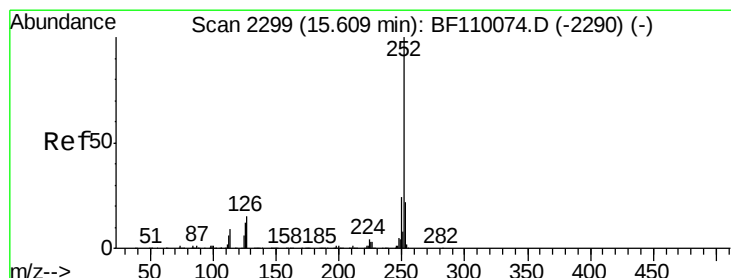
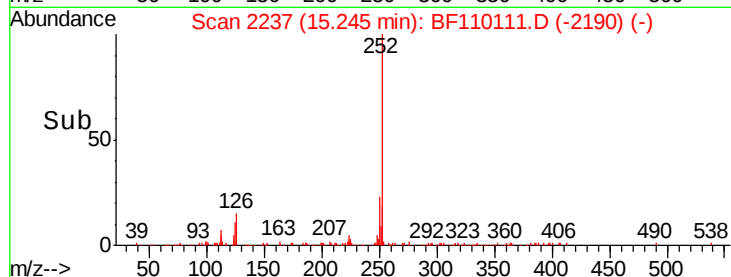
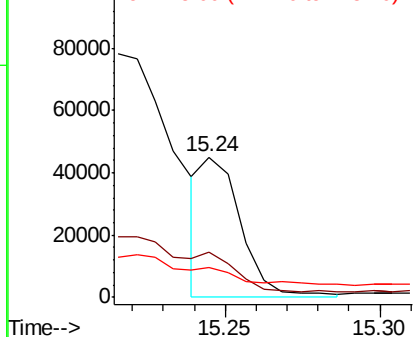


Abundance

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



#90

Benzo(a)pyrene

Concen: 6.817 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BF110111.D

Acq: 24 Oct 2018 13:31

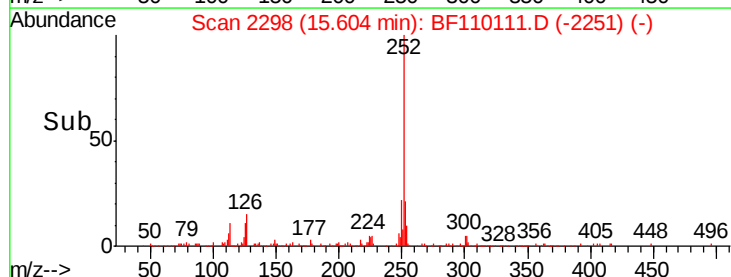
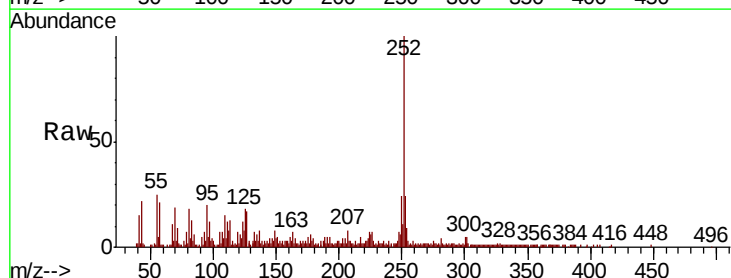
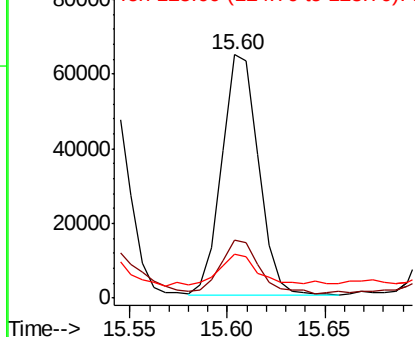
Tgt Ion:	252	Resp:	83716
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.2	27.4
125	18.3	9.0	13.6#

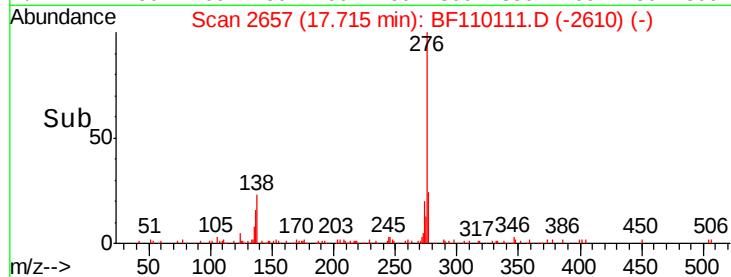
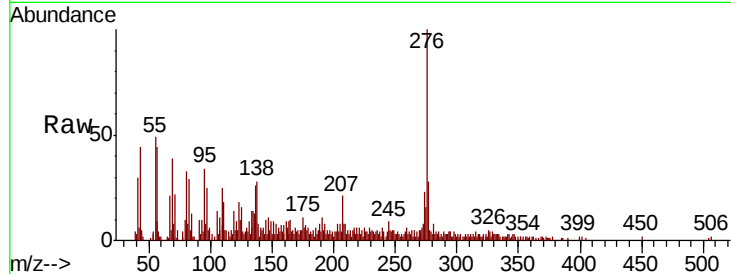
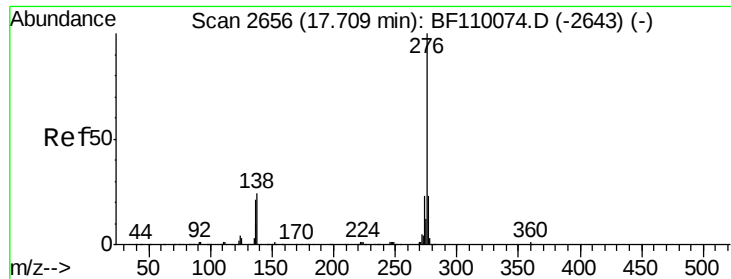
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 4.540 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.02 min
 Lab File: BF110111.D
 Acq: 24 Oct 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6-8)

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.8	28.2
138	28.4	16.0	24.0

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Sohil
 10/25/2018 11:14:30 AM

