

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110933.D
 Acq On : 21 Nov 2018 17:28
 Operator : JU/SJ
 Sample : J5772-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-B

Manual Integrations
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 11/23/2018 11:49:09 AM

Quant Time: Nov 21 23:11:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61845	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	247468	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	105471	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	161114	20.00	ng	0.00
76) Chrysene-d12	14.13	240	134992	20.00	ng	0.00
87) Perylene-d12	15.67	264	95280	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	344722	90.54	ng	0.00
7) Phenol-d6	6.57	99	429855	88.29	ng	0.00
23) Nitrobenzene-d5	7.51	82	277204	64.51	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	78226	73.61	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	470841	63.76	ng	0.00
79) Terphenyl-d14	13.06	244	318253	44.15	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	21833	3.867	ng	Qvalue # 76
50) Dimethylphthalate	9.69	163	56067	7.124	ng	99
75) Fluoranthene	12.70	202	33334	3.852	ng	98
78) Pyrene	12.93	202	34116	3.282	ng	98
81) Benzo(a)anthracene	14.12	228	21491m	2.664	ng	
83) Chrysene	14.16	228	21571	2.806	ng	99
88) Benzo(b)fluoranthene	15.22	252	23347m	4.096	ng	
90) Benzo(a)pyrene	15.60	252	14347	2.770	ng	# 92

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

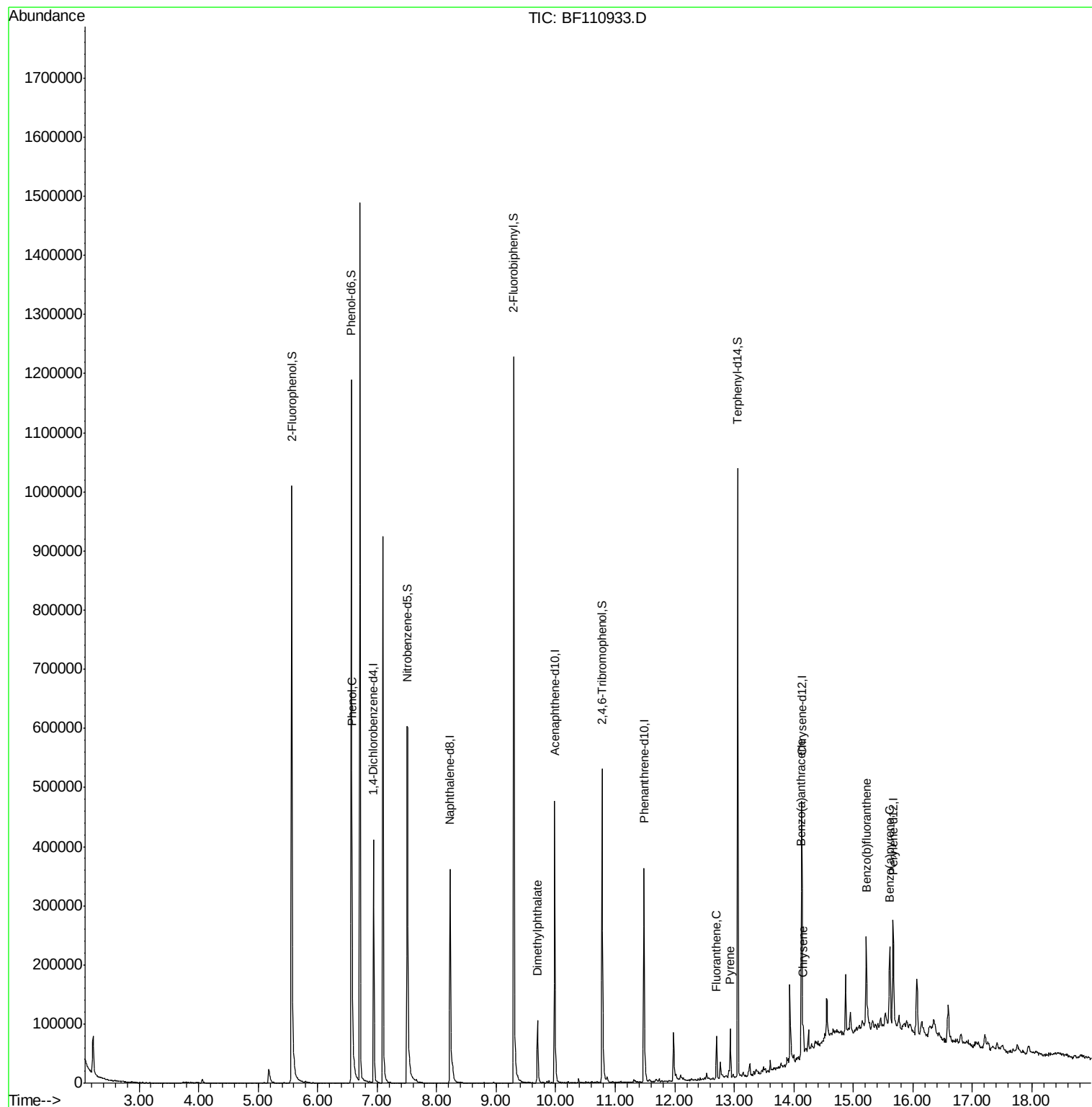
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110933.D
Acq On : 21 Nov 2018 17:28
Operator : JU/SJ
Sample : J5772-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

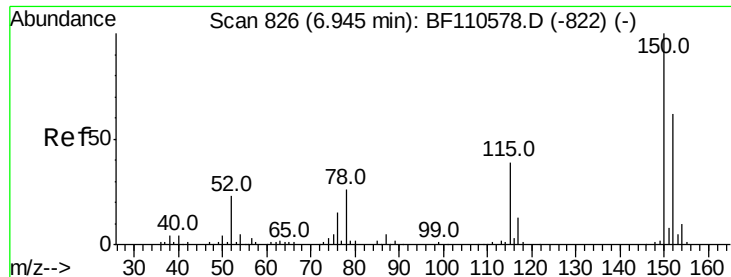
Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

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#1

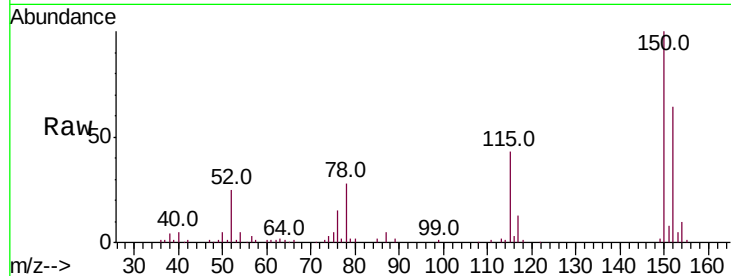
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	67.4	49.1	73.7

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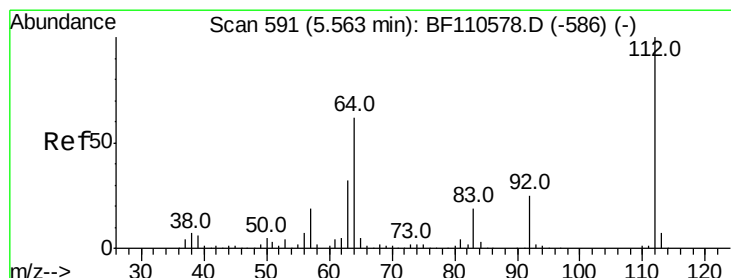
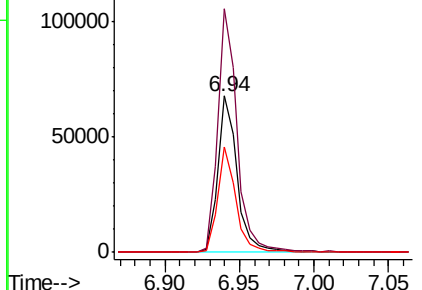
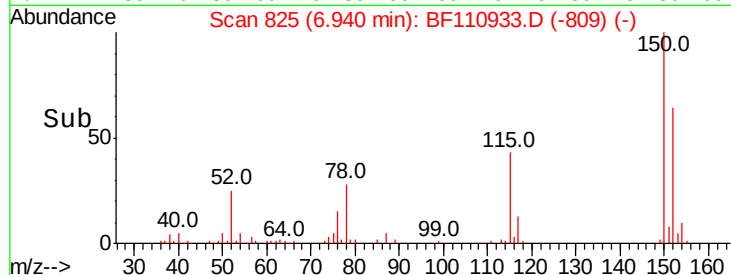


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

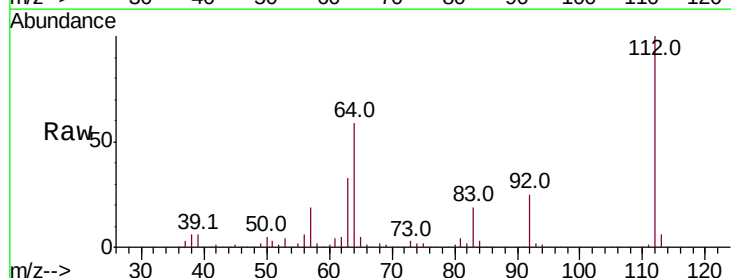
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.539 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	32.7	23.7	35.5

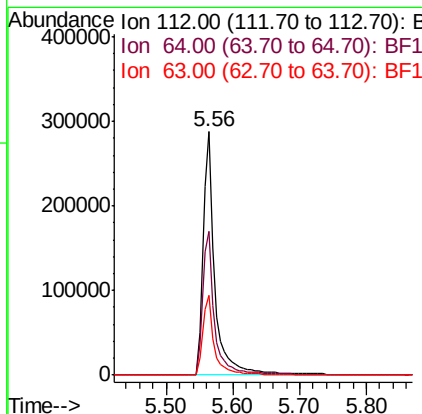
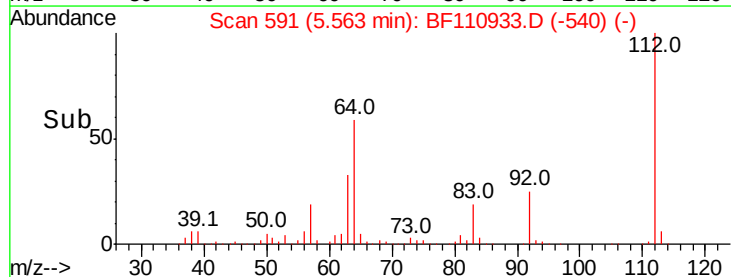


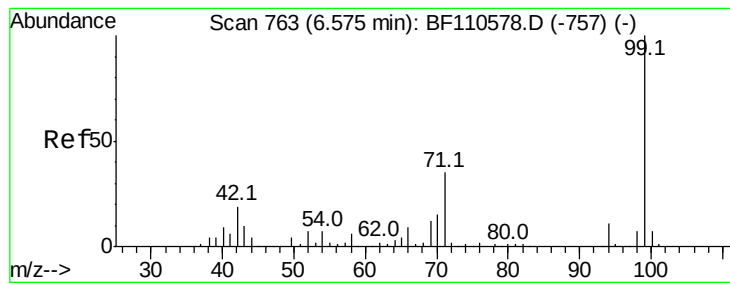
Abundance

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: 88.287 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110933.D

Acq: 21 Nov 2018 17:28

Instrument :

BNA_F

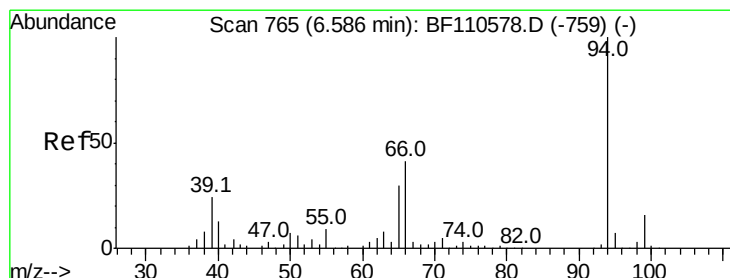
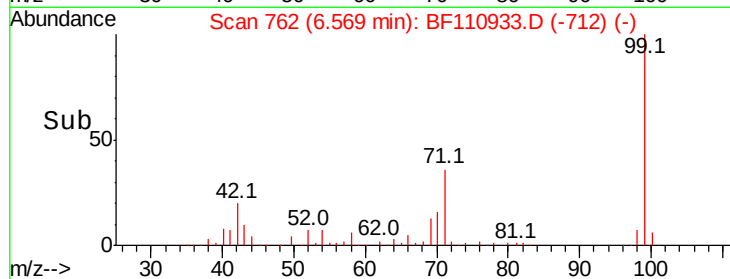
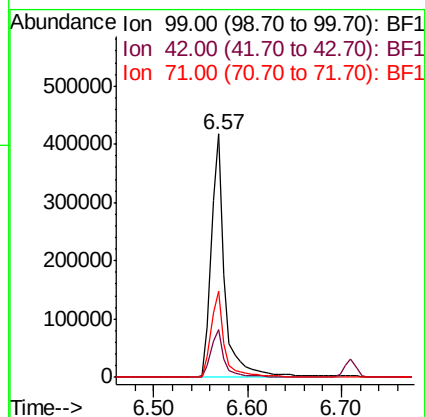
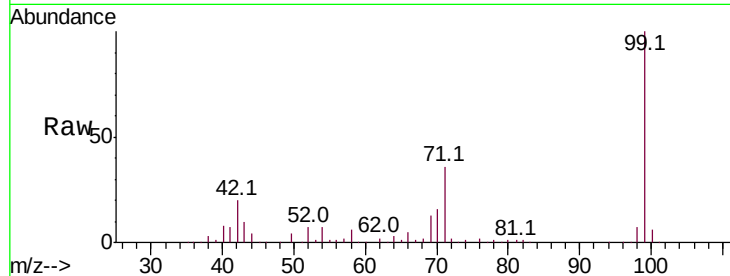
ClientSampleId :

PL-01-112018-B

Tot Ion:	99	Resp:	429855
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.8	23.6
71	35.6	28.0	42.0

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#10

Phenol

Concen: 3.867 ng

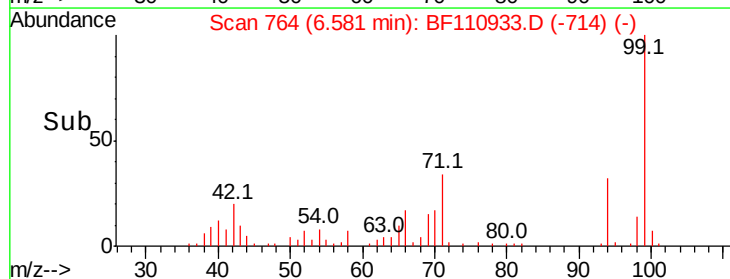
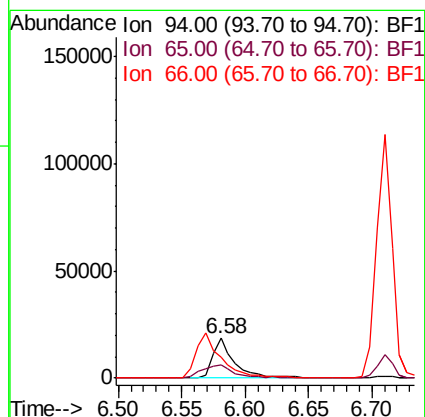
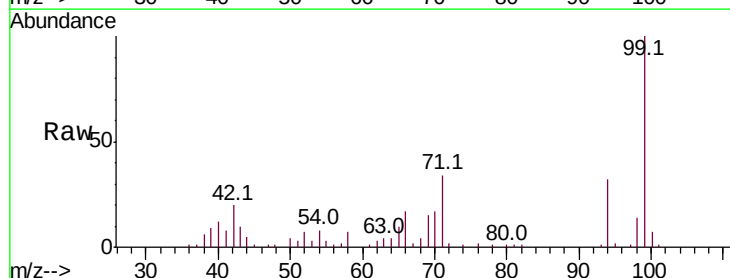
RT: 6.58 min Scan# 764

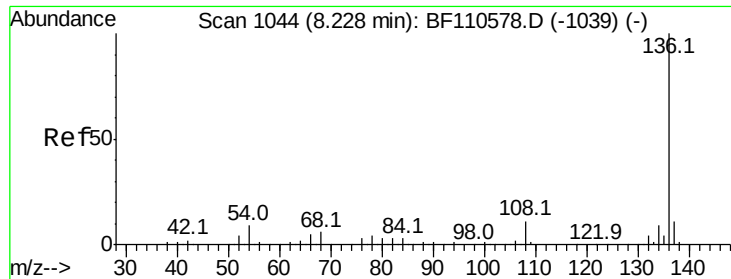
Delta R.T. -0.01 min

Lab File: BF110933.D

Acq: 21 Nov 2018 17:28

Tgt Ion:	94	Resp:	21833
Ion Ratio	Lower	Upper	
94	100		
65	32.2	25.3	65.3
66	52.5	54.5	94.5#





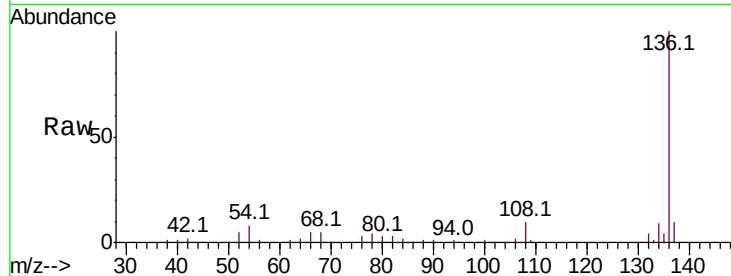
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

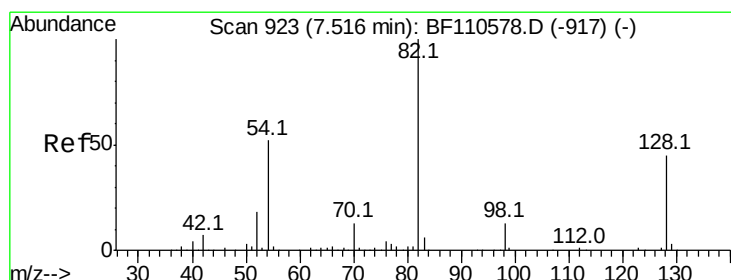
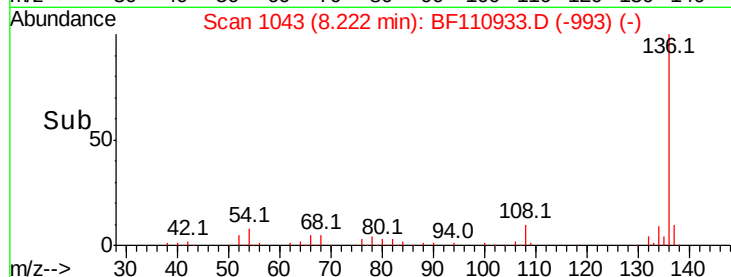
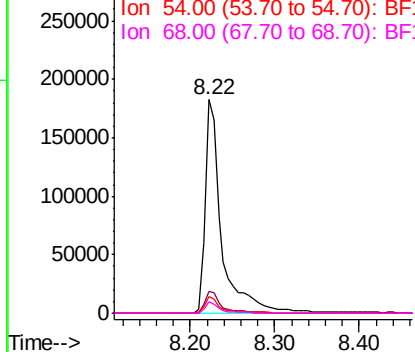
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.8	13.2	
54	7.9	5.4	8.2	
68	5.3	4.2	6.2	

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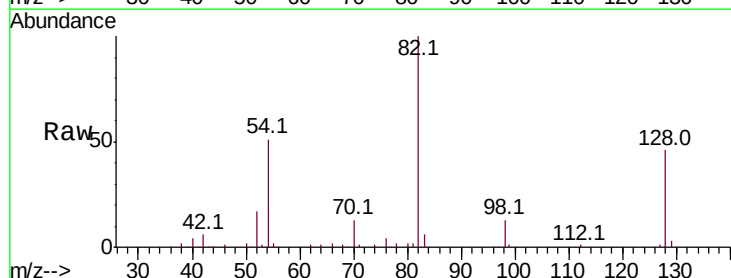


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

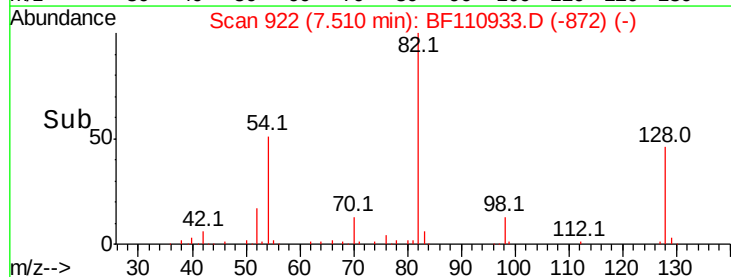
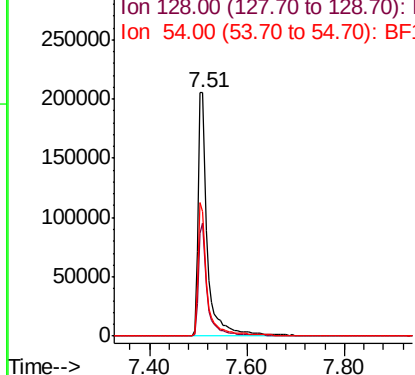


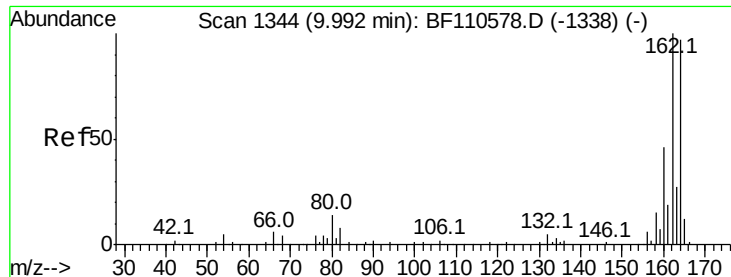
#23
Nitrobenzene-d5
Concen: 64.510 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	34.2	51.2	
54	51.2	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





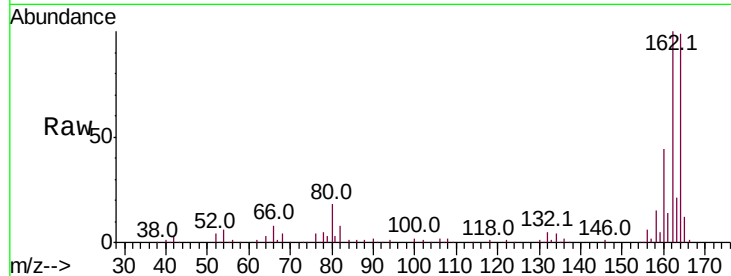
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

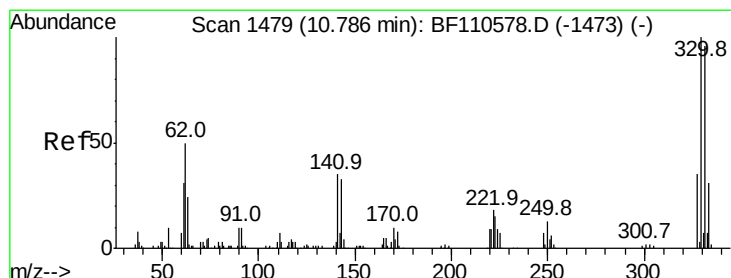
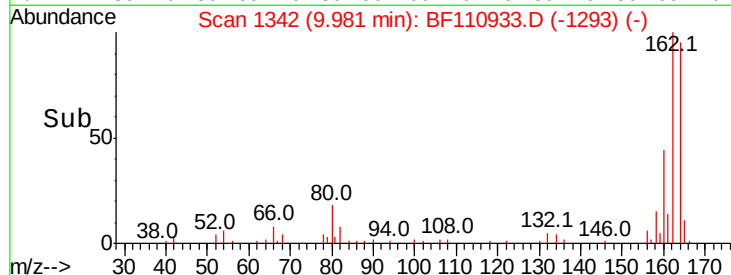
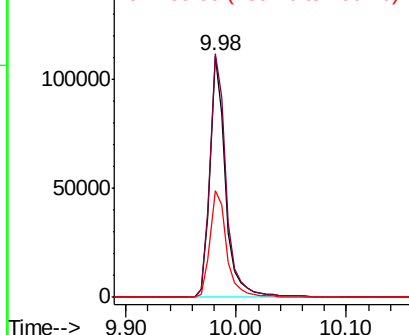
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.6
160	44.1	37.0	55.6

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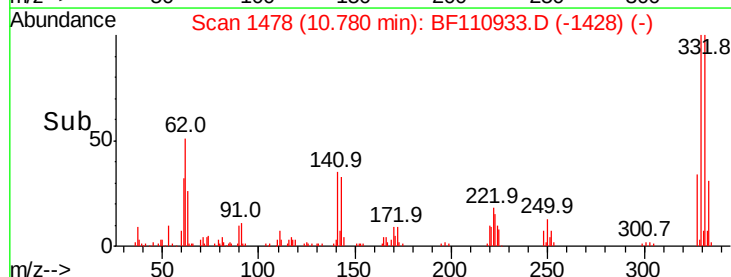
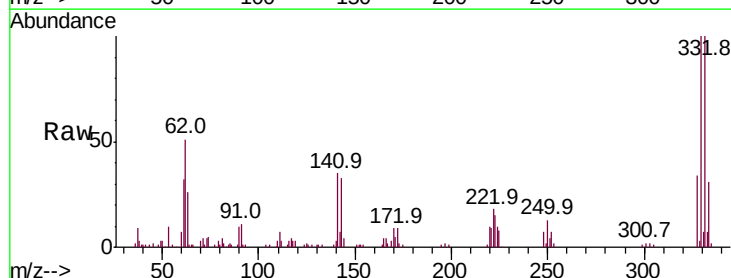
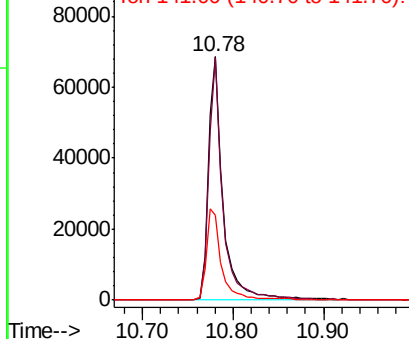
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

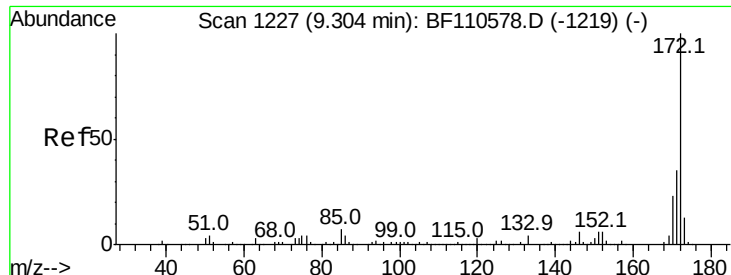


#42
2,4,6-Tribromophenol
Concen: 73.607 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	38.9	27.0	40.4

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





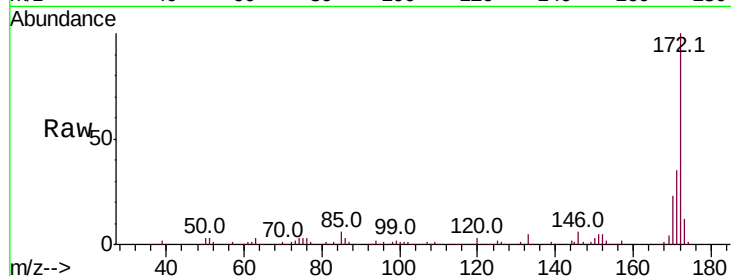
#45
2-Fluorobiphenyl
Concen: 63.757 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	470841		
171	35.2		28.6	43.0
170	23.1		19.7	29.5

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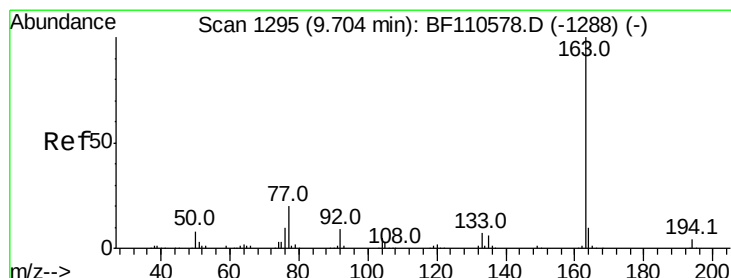
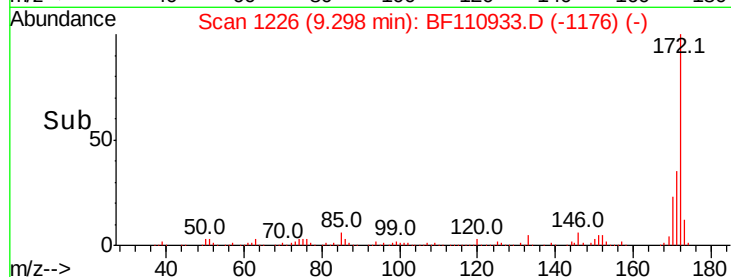
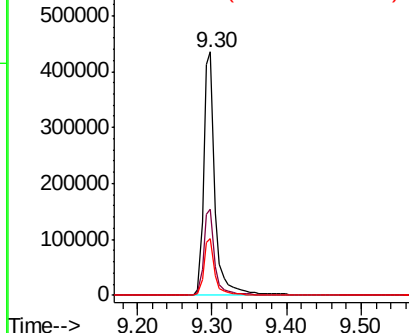


Abundance

Ion 172.00 (171.70 to 172.70): E

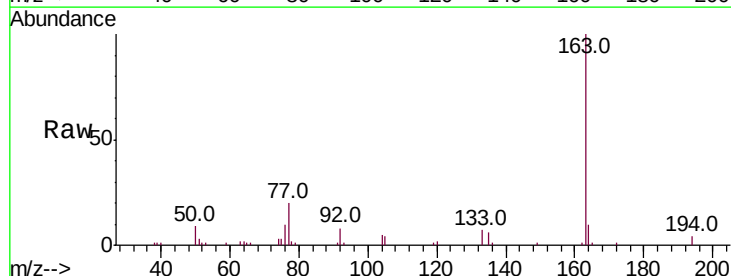
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.124 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	56067		
194	3.8		3.2	4.8
164	9.8		8.1	12.1

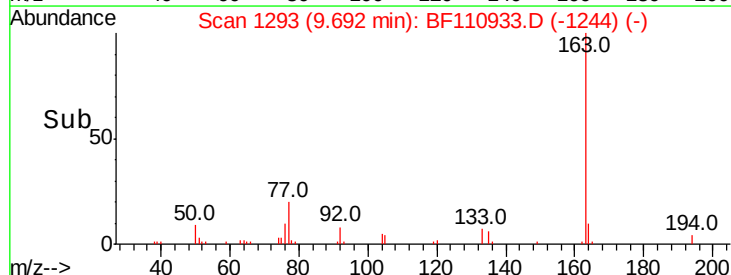
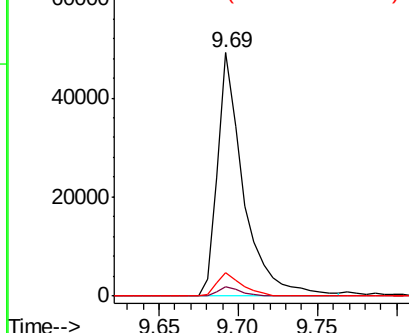


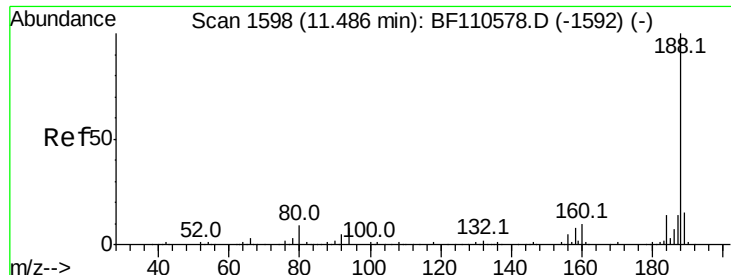
Abundance

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





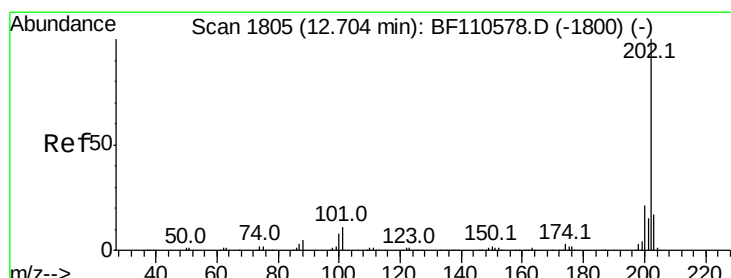
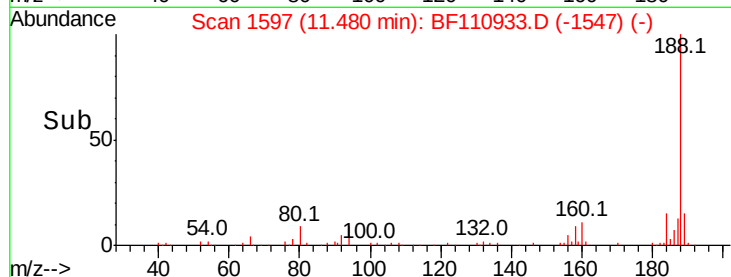
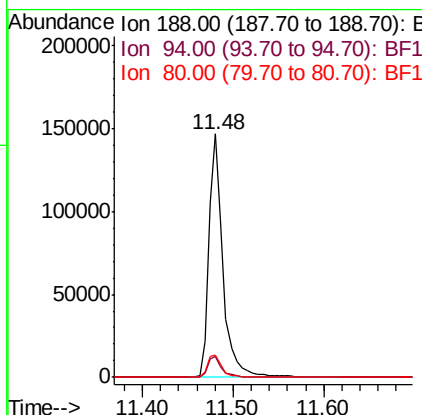
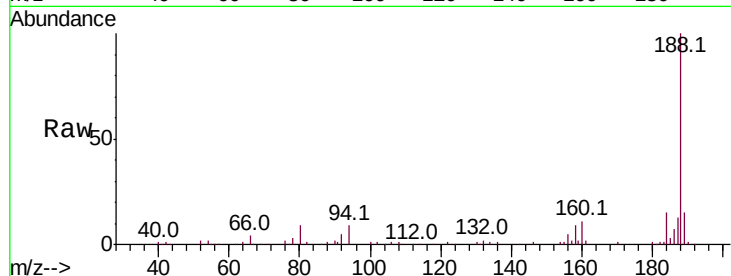
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
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PL-01-112018-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	161114		
94	8.7	7.2	10.8	
80	9.0	7.9	11.9	

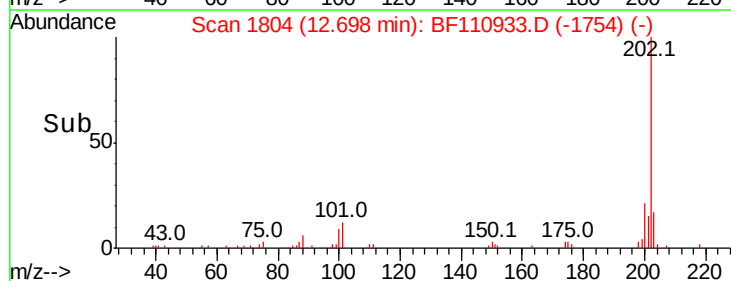
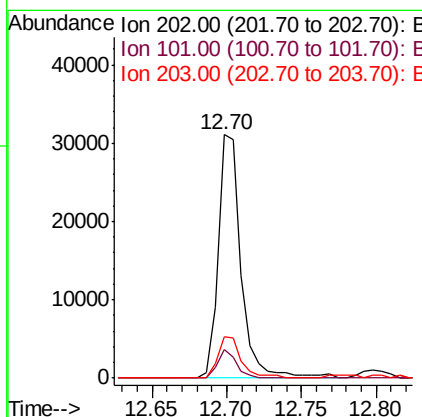
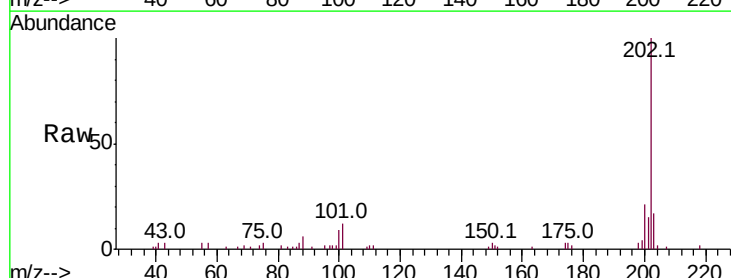
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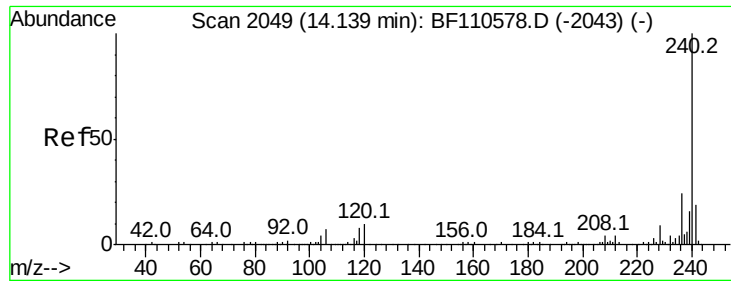
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#75
Fluoranthene
Concen: 3.852 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	33334		
101	11.8	0.0	31.4	
203	16.9	0.0	37.7	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110933.D

Acq: 21 Nov 2018 17:28

Instrument :

BNA_F

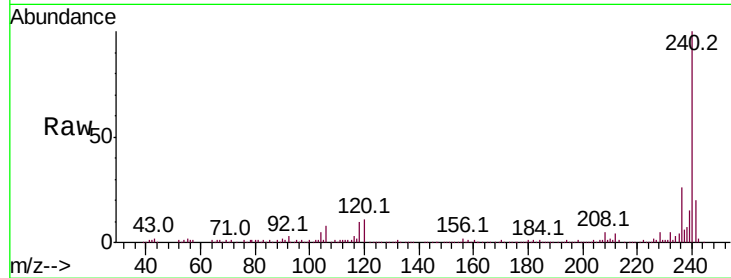
ClientSampleId :

PL-01-112018-B

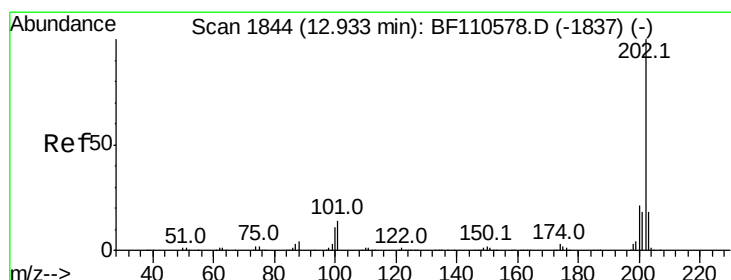
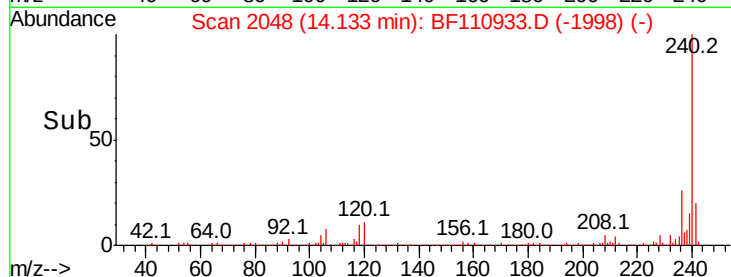
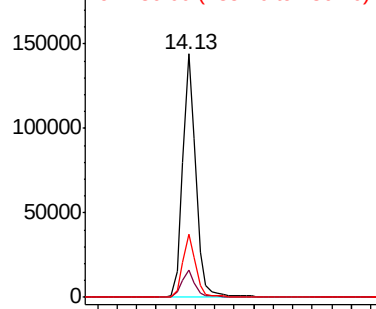
Tot Ion:	240	Resp:	134992
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.3	12.5
236	26.0	21.2	31.8

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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



#78

Pyrene

Concen: 3.282 ng

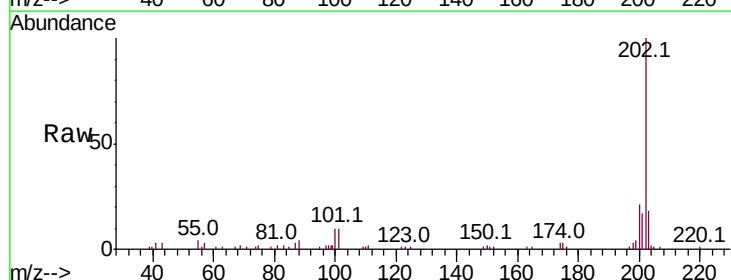
RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

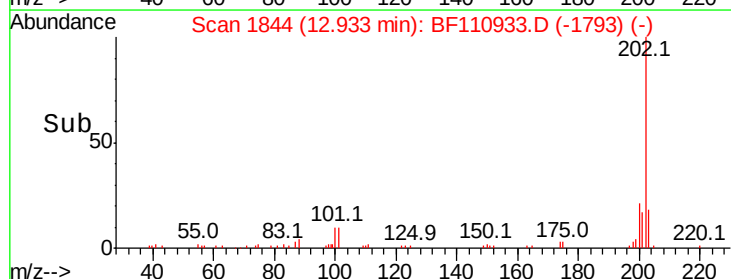
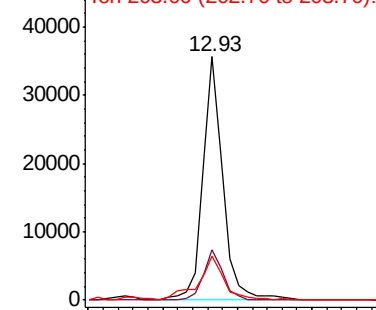
Lab File: BF110933.D

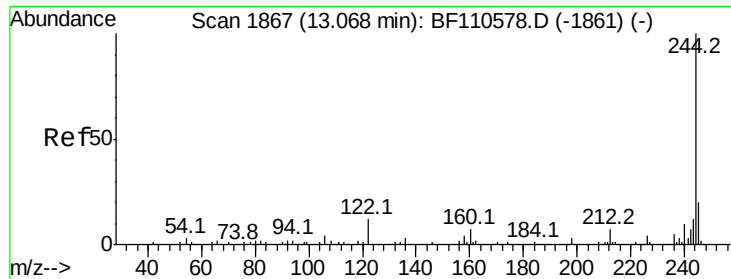
Acq: 21 Nov 2018 17:28

Tgt Ion:	202	Resp:	34116
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.8	26.6
203	18.0	14.2	21.4



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





#79

Terphenyl-d14

Concen: 44.152 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110933.D

Acq: 21 Nov 2018 17:28

Instrument :

BNA_F

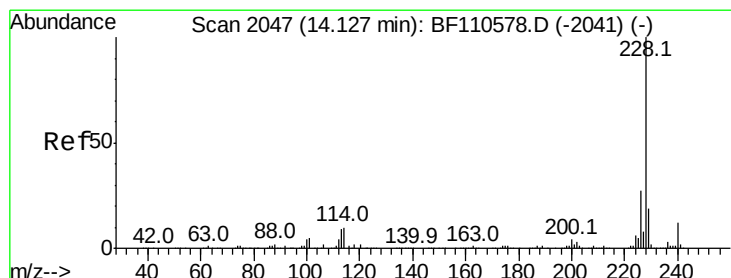
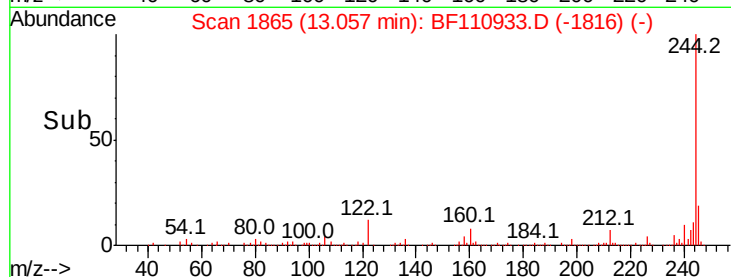
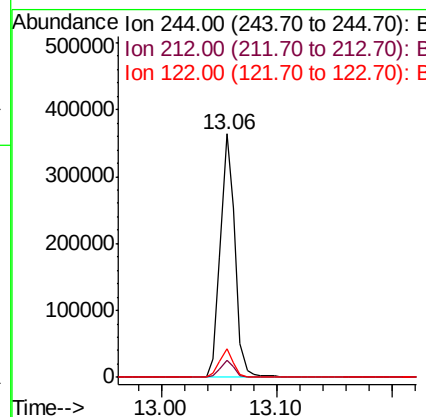
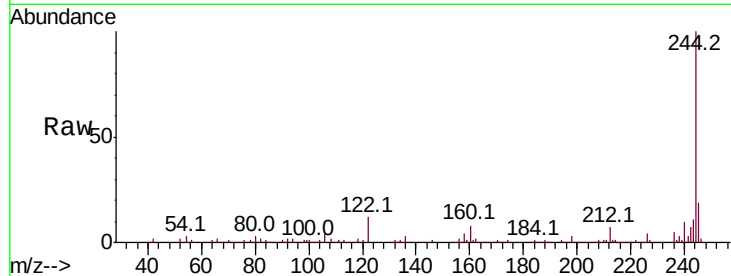
ClientSampleId :

PL-01-112018-B

Tot Ion:	244	Resp:	318253
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	11.8	8.7	13.1

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#81

Benzo(a)anthracene

Concen: 2.664 ng m

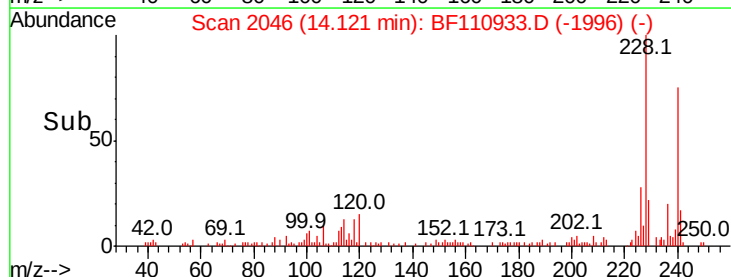
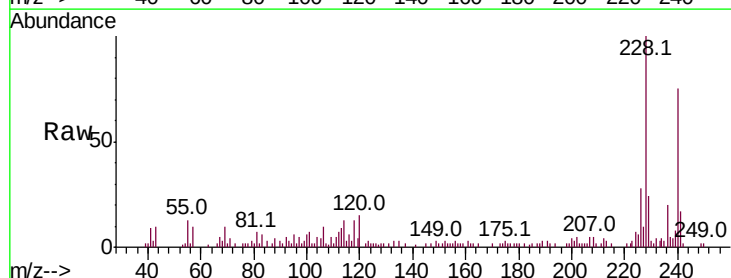
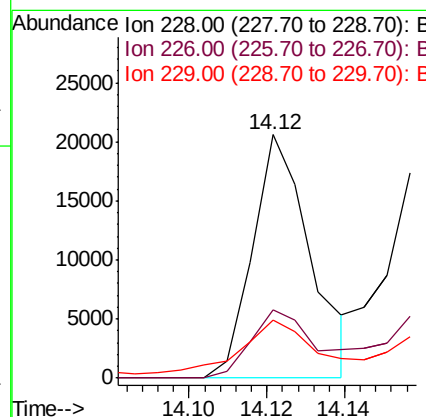
RT: 14.12 min Scan# 2046

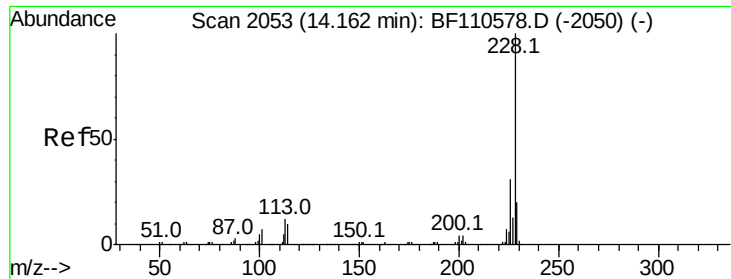
Delta R.T. -0.01 min

Lab File: BF110933.D

Acq: 21 Nov 2018 17:28

Tgt Ion:	228	Resp:	21491
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.1	33.1
229	23.9	15.6	23.4#





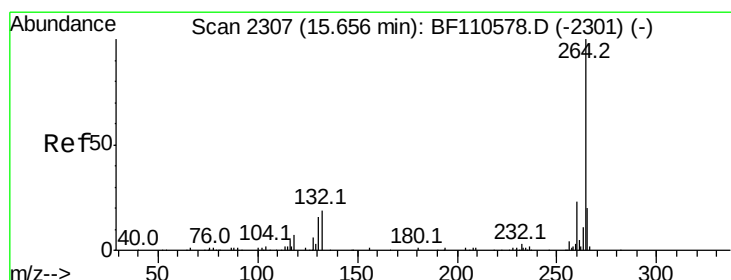
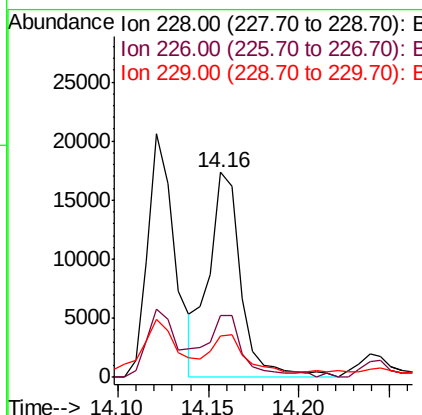
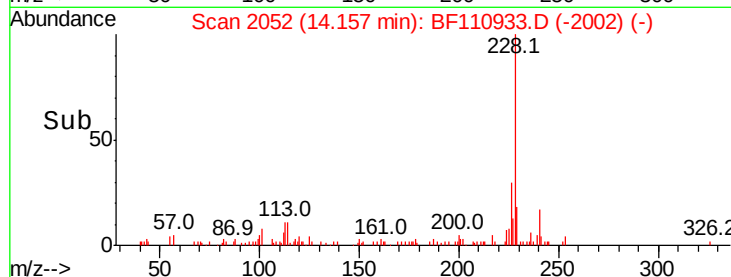
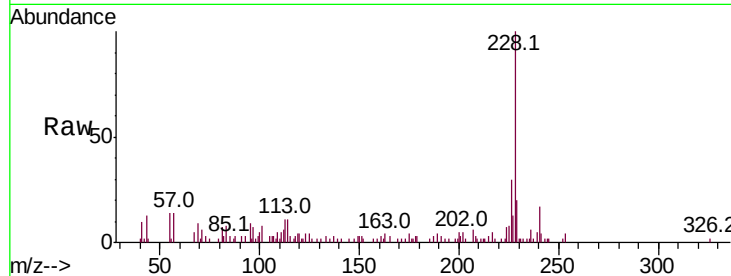
#83
Chrysene
Concen: 2.806 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tot Ion:	228	Resp:	21571
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	20.0	15.9	23.9

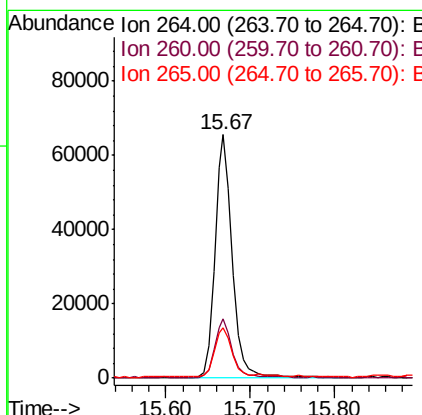
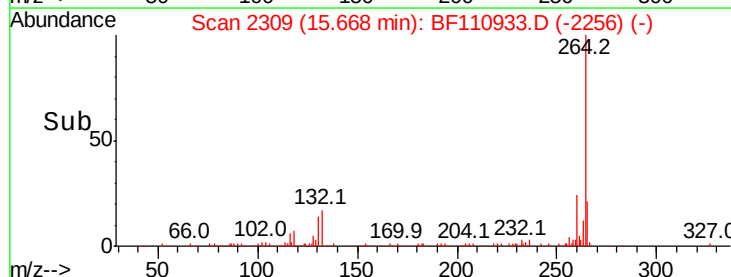
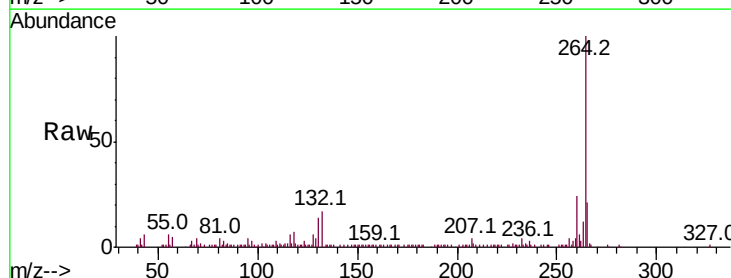
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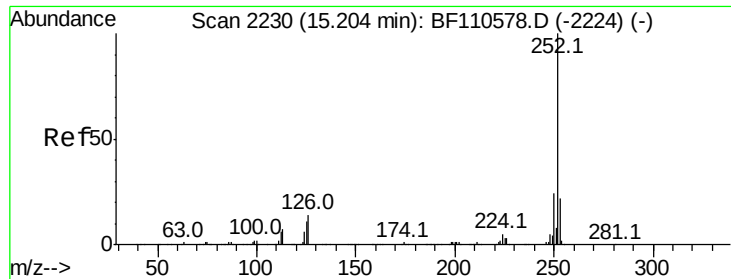
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion:	264	Resp:	95280
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.7	28.1
265	20.9	16.7	25.1





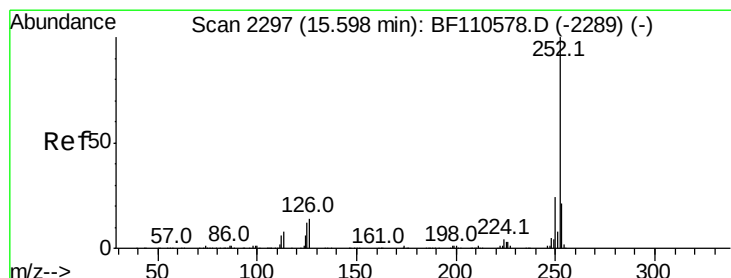
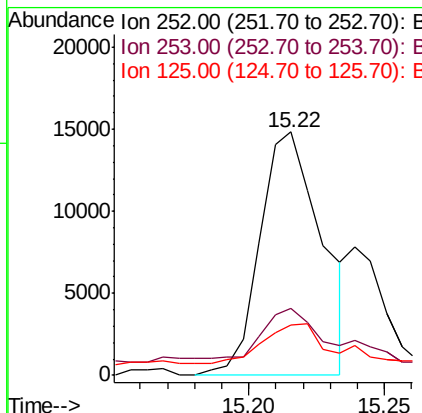
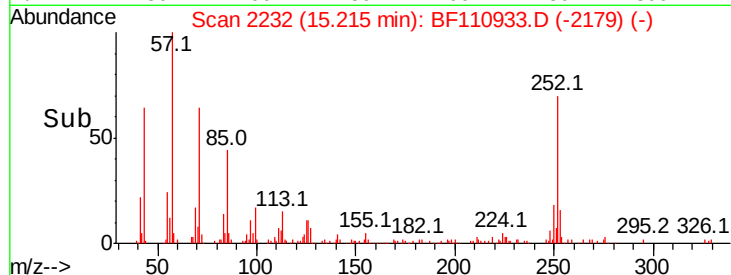
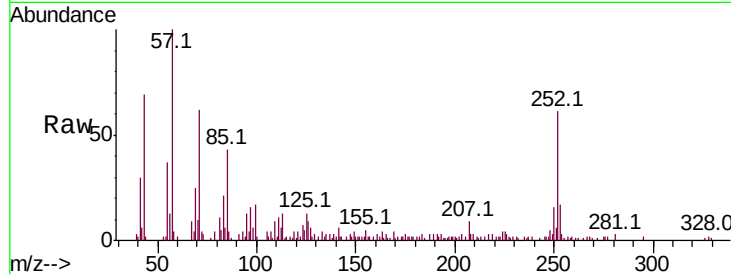
#88
Benzo(b)fluoranthene
Concen: 4.096 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	20.8	8.2	12.4#

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#90
Benzo(a)pyrene
Concen: 2.770 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110933.D
Acq: 21 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.4
125	17.8	9.0	13.6#

