

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108562.D
 Acq On : 28 Aug 2018 18:18
 Operator : JU/SJ
 Sample : J4277-09 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:34:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

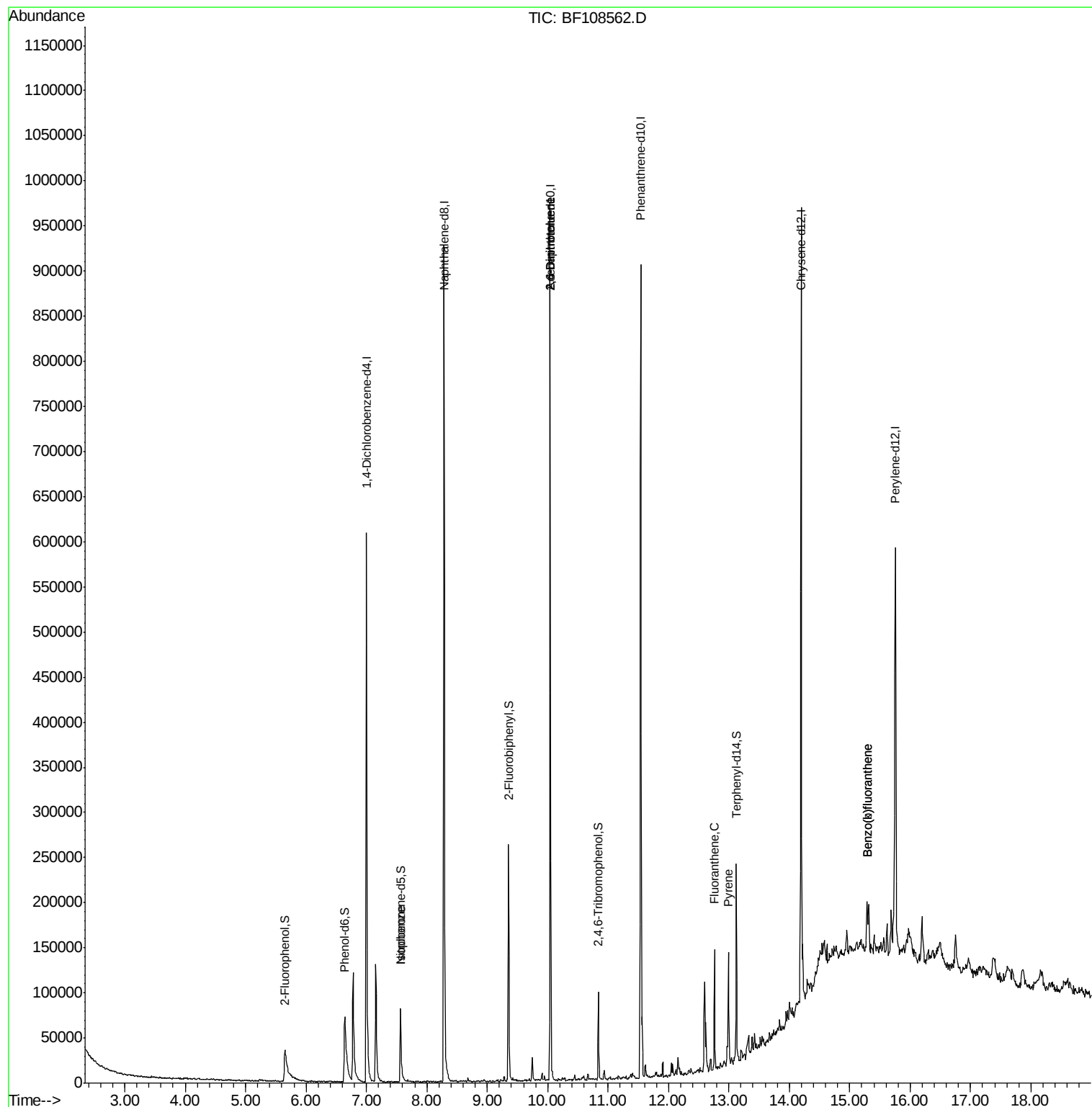
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	112119	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	435459	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	196382	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	326926	20.00	ng	0.00
75) Chrysene-d12	14.19	240	284043	20.00	ng	0.00
86) Perylene-d12	15.75	264	229275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	37310	6.02	ng	0.02
7) Phenol-d6	6.64	99	65420	7.95	ng	0.01
23) Nitrobenzene-d5	7.57	82	41643	5.34	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	13175	6.73	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	87903	7.19	ng	-0.01
78) Terphenyl-d14	13.12	244	71168	6.37	ng	0.00
Target Compounds						
25) Isophorone	7.57	82	41643	2.800	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	25357	8.860	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	25357	6.883	ng	# 23
74) Fluoranthene	12.76	202	50391	2.994	ng	95
77) Pyrene	13.00	202	52142	2.900	ng	98
87) Benzo(b)fluoranthene	15.28	252	43457	3.172	ng	# 90
88) Benzo(k)fluoranthene	15.28	252	43457	3.451	ng	93

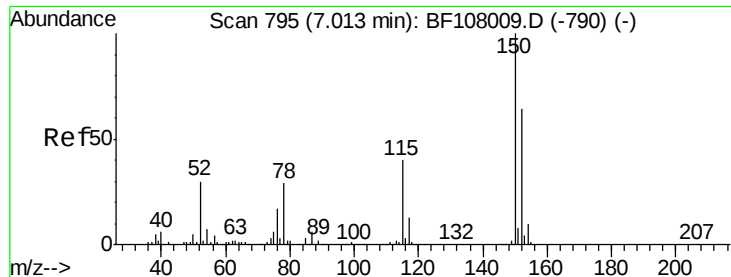
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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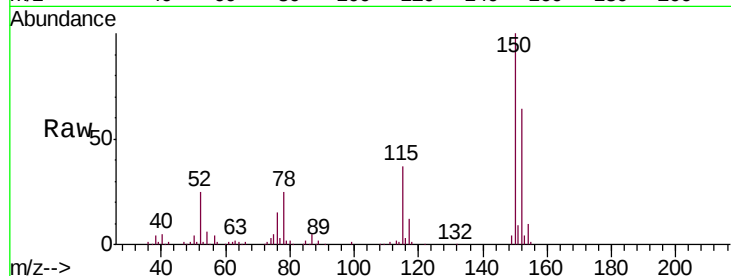


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	58.5	50.1	75.1

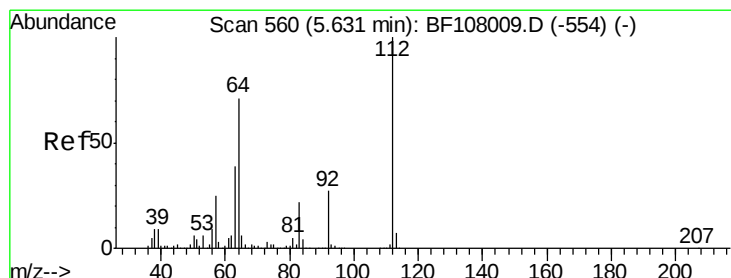
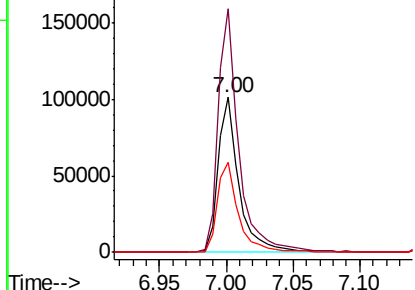
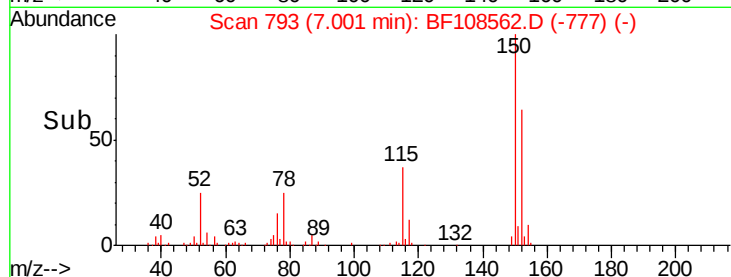


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

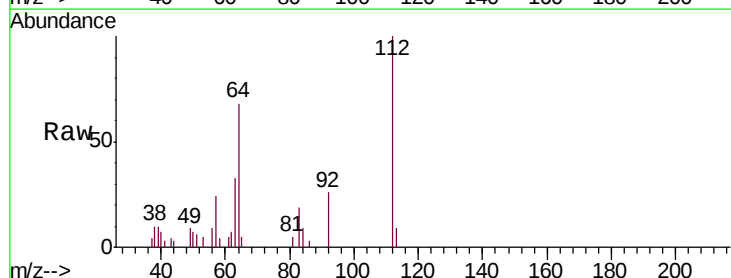
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.025 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	33.3	23.7	35.5

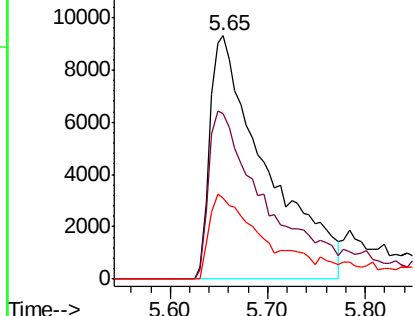
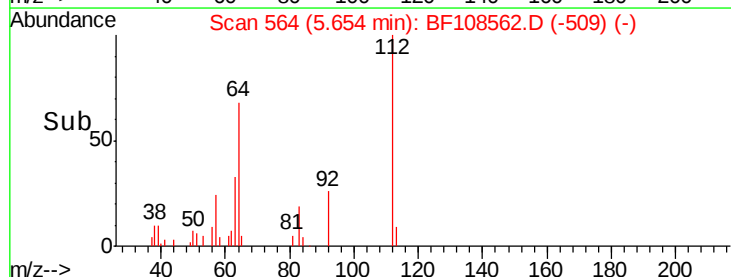


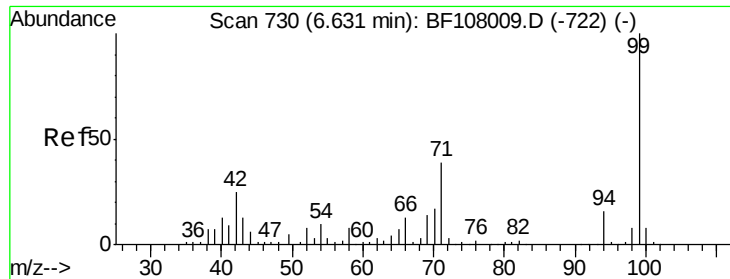
Abundance

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: 7.949 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

Instrument :

BNA_F

ClientSampleId :

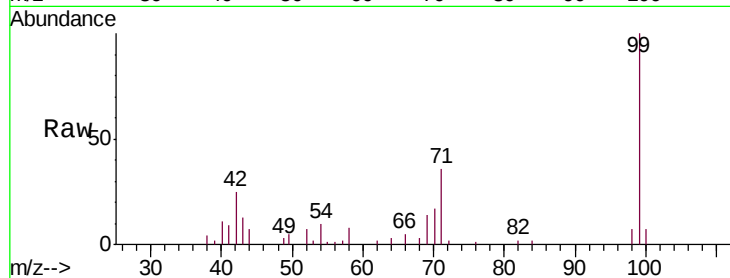
Tgt Ion: 99 Resp: 65420

Ion Ratio Lower Upper

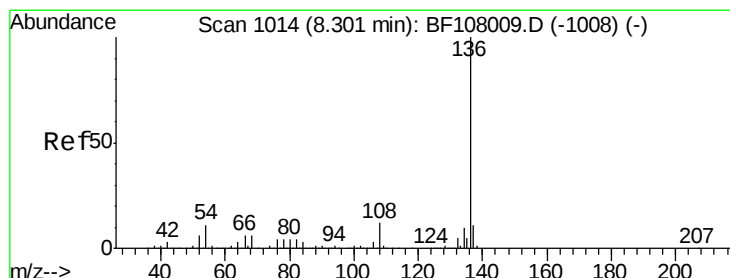
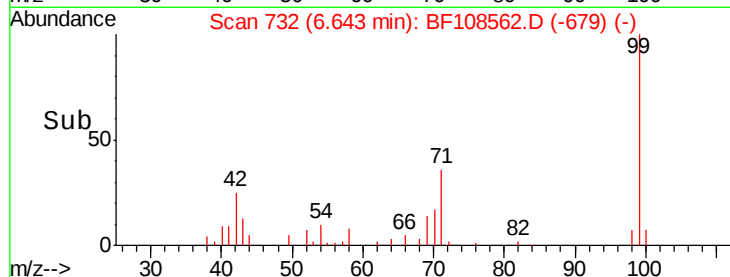
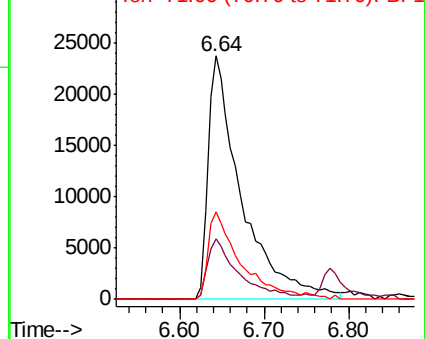
99 100

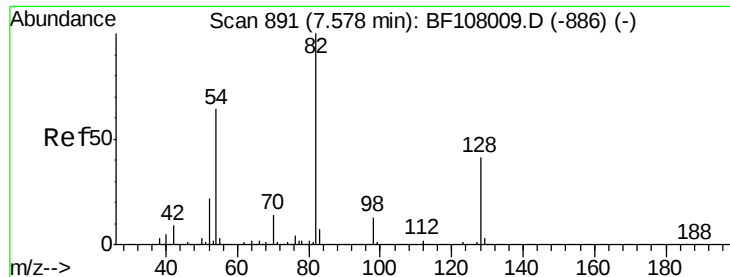
42 24.7 14.5 21.7#

71 35.8 25.4 38.0



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

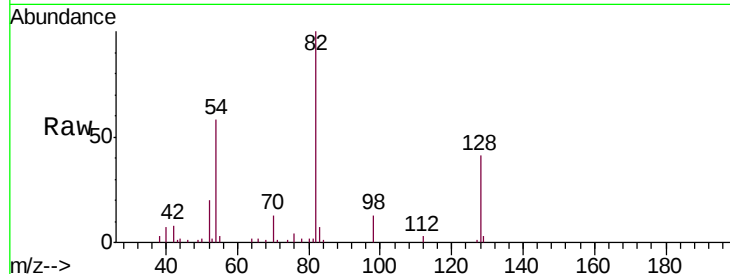




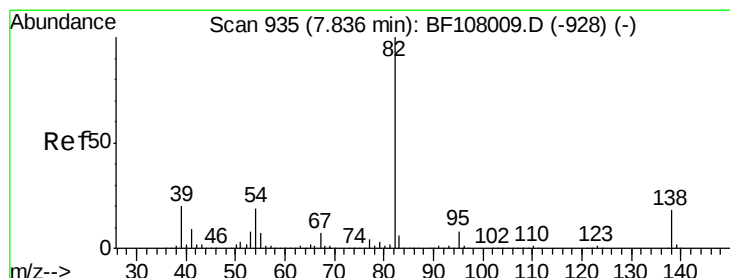
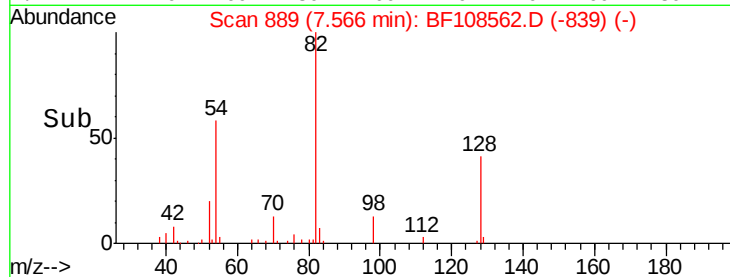
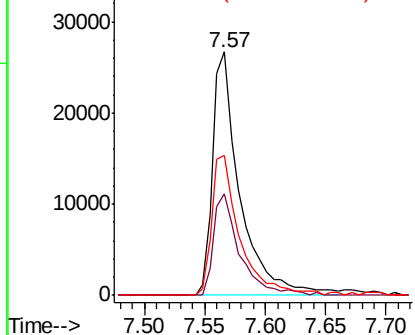
#23
 Nitrobenzene-d5
 Concen: 5.336 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	57.6	41.4	62.2

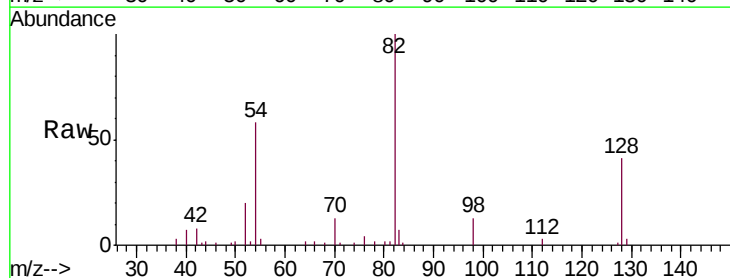


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

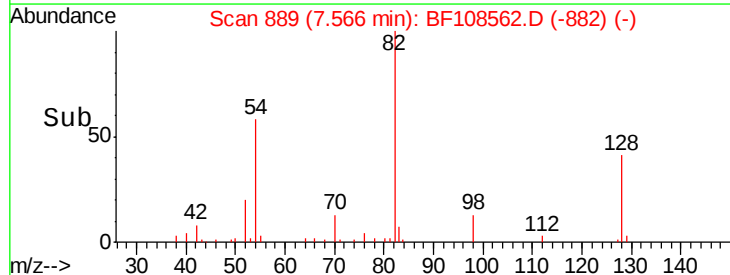
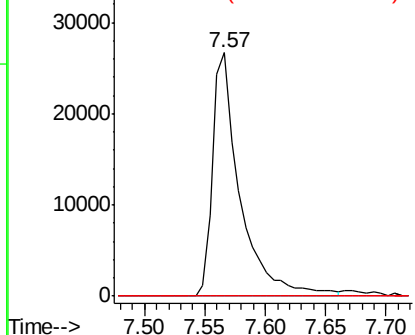


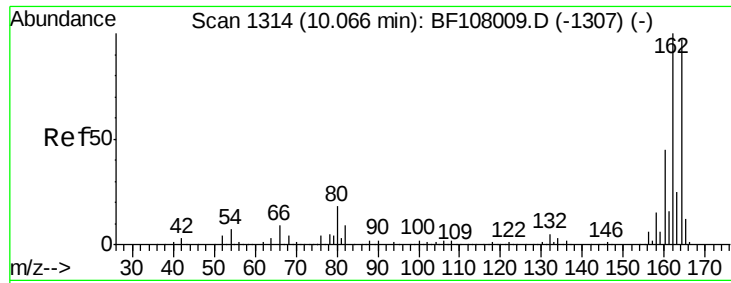
#25
 Isophorone
 Concen: 2.800 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

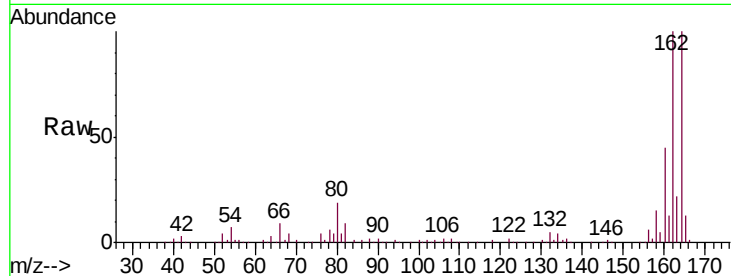




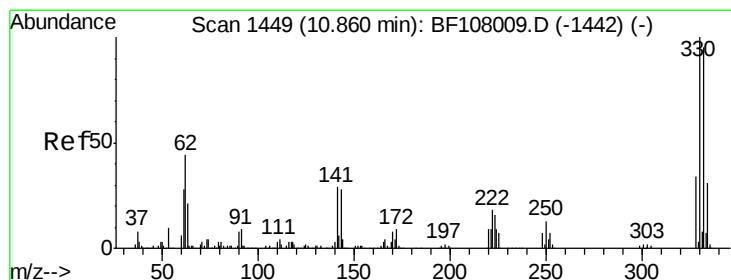
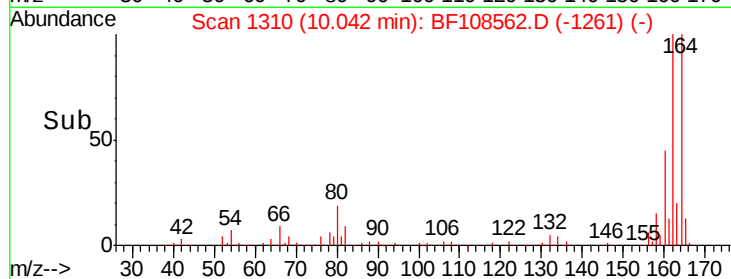
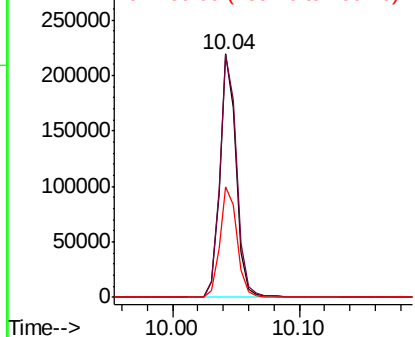
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:164 Resp: 196382
 Ion Ratio Lower Upper
 164 100
 162 99.6 86.1 129.1
 160 45.2 38.3 57.5

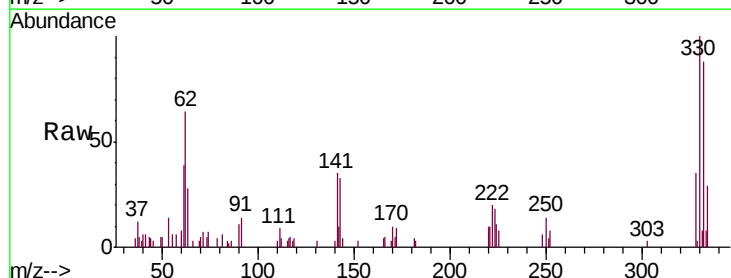


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

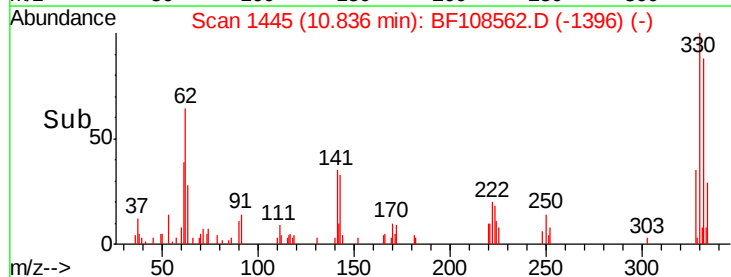
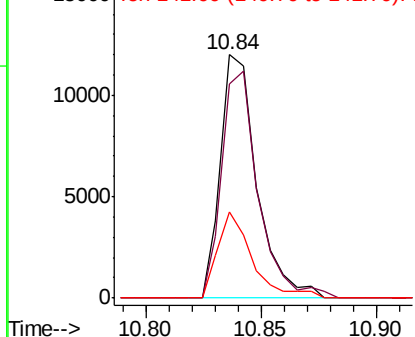


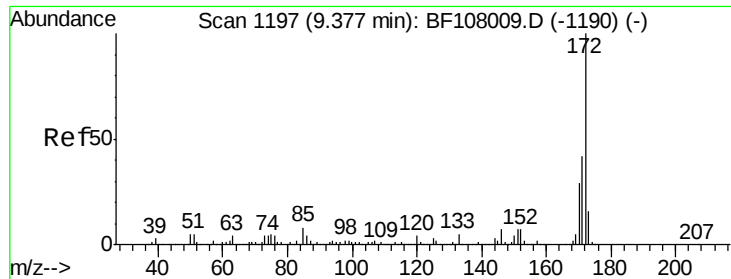
#41
 2,4,6-Tribromophenol
 Concen: 6.726 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Tgt Ion:330 Resp: 13175
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.0 115.6
 141 33.3 29.9 44.9



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

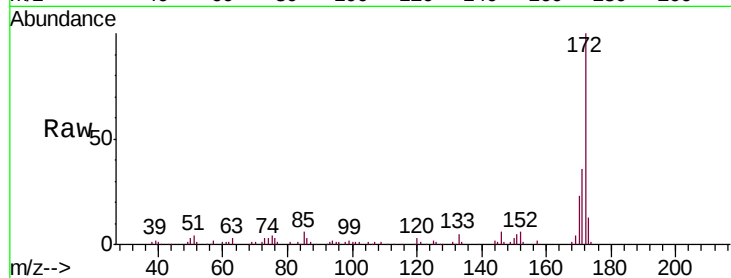




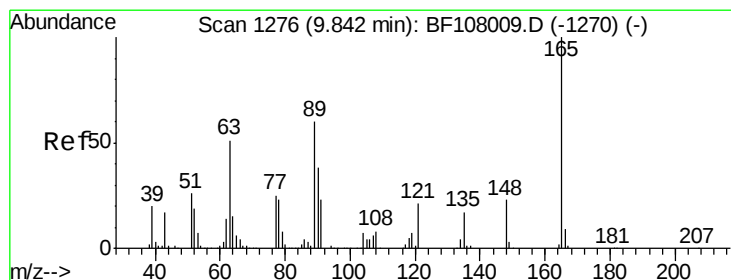
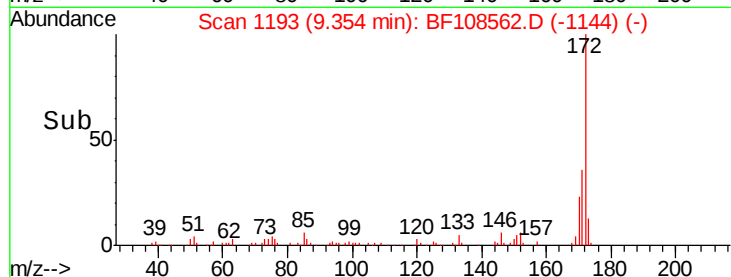
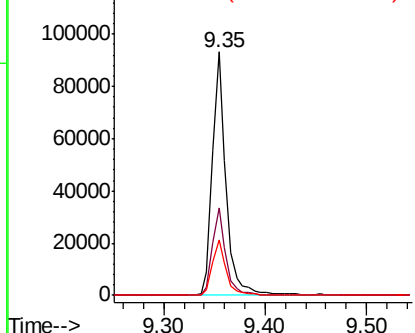
#44
 2-Fluorobiphenyl
 Concen: 7.186 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:172 Resp: 87903
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 22.9 19.6 29.4

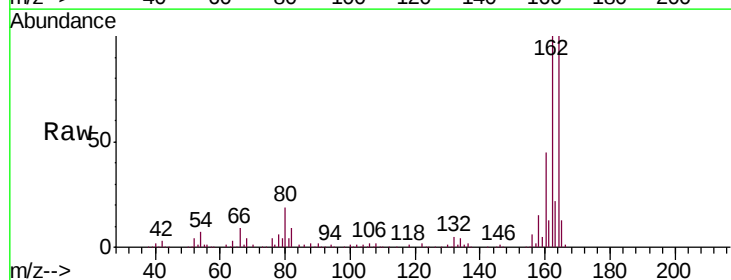


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

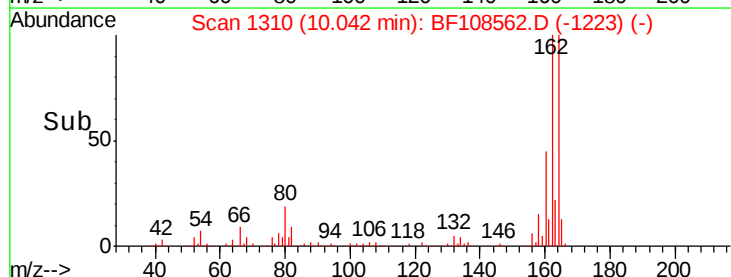
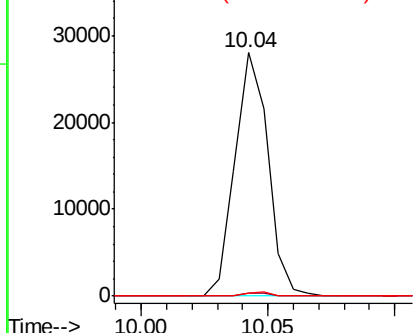


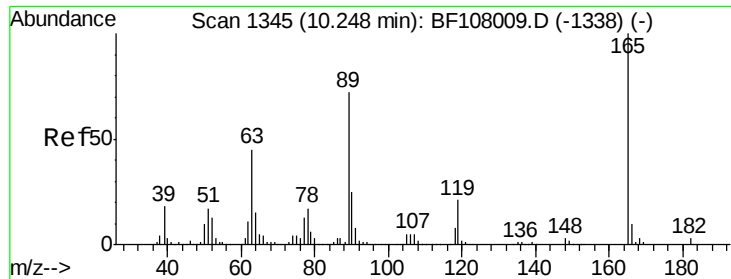
#50
 2,6-Dinitrotoluene
 Concen: 8.860 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Tgt Ion:165 Resp: 25357
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 1.3 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

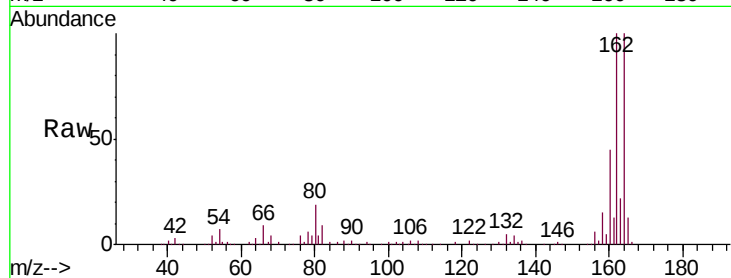




#56
 2,4-Dinitrotoluene
 Concen: 6.883 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	165	Resp:	25357
Ion Ratio	Lower	Upper	
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

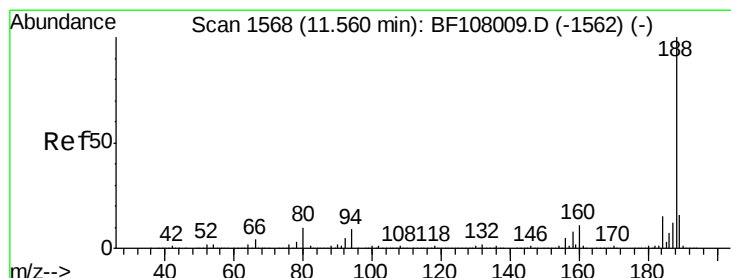
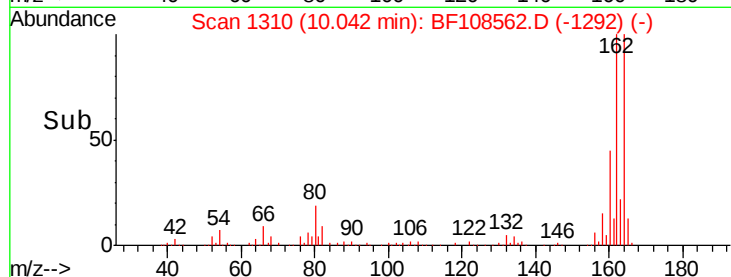
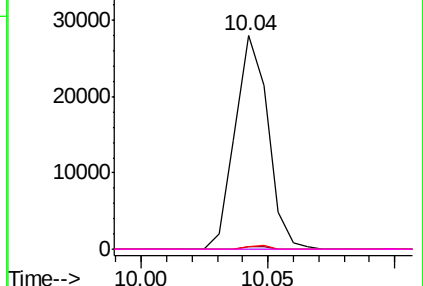


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

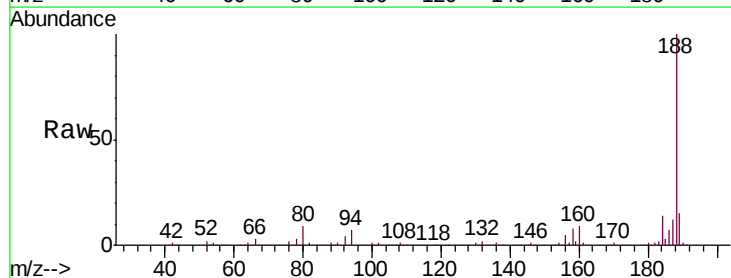
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

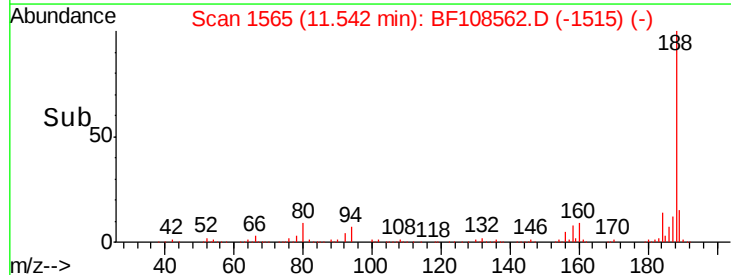
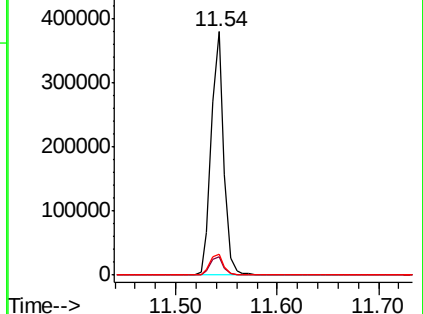
Tgt Ion:	188	Resp:	326926
Ion Ratio	Lower	Upper	
188	100		
94	7.4	8.5	12.7#
80	8.8	9.2	13.8#

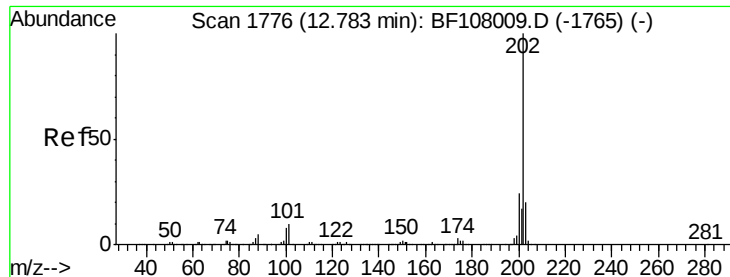


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.994 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

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BNA_F

ClientSampleId :

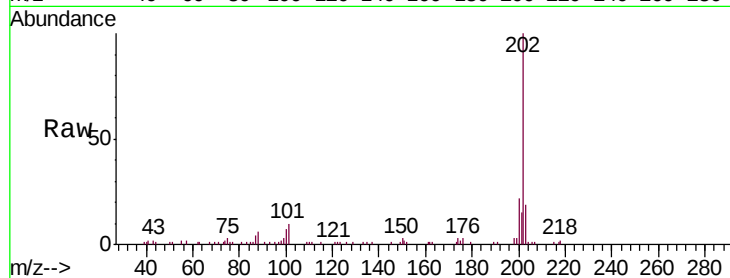
Tgt Ion: 202 Resp: 50391

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.1

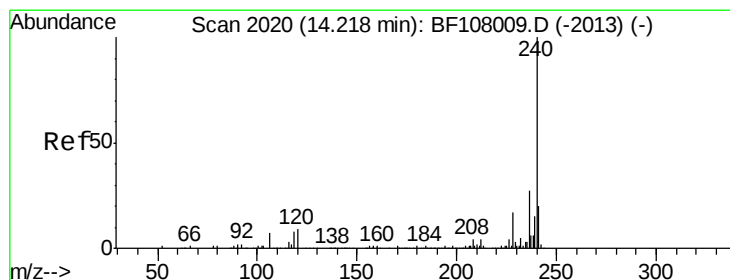
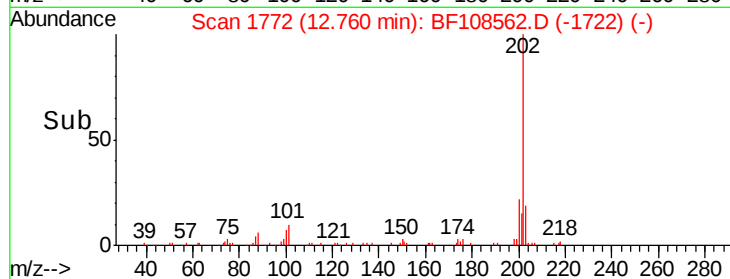
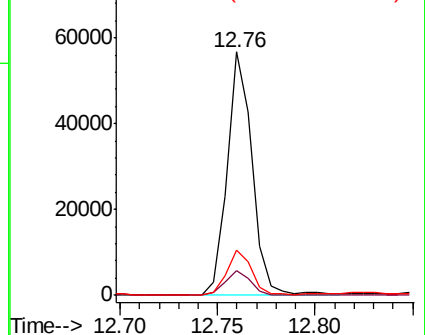
203 18.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

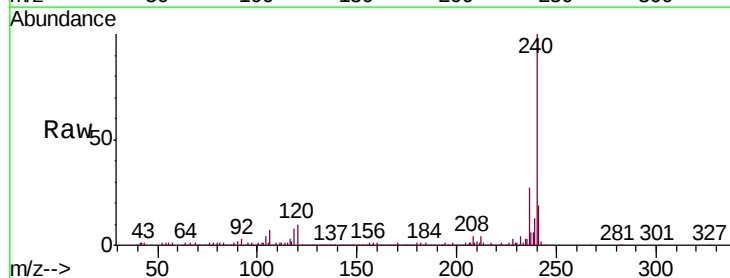
Tgt Ion: 240 Resp: 284043

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

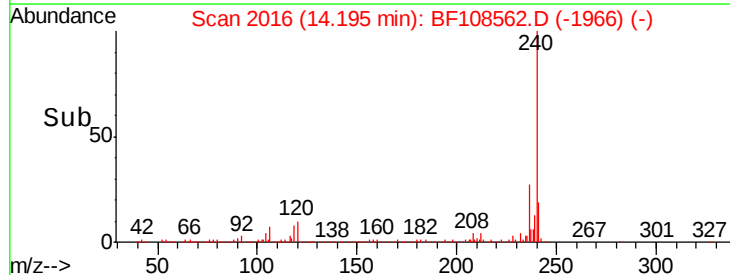
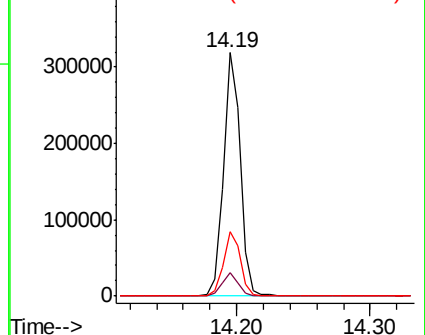
236 26.6 20.7 31.1

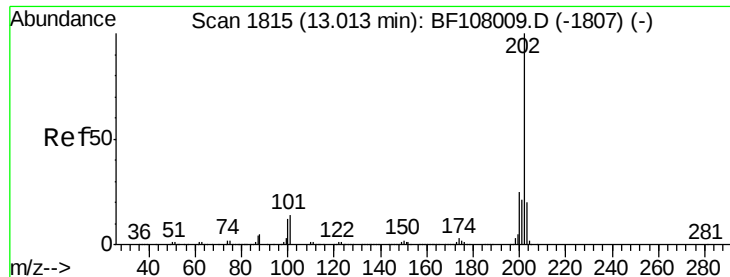


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.900 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

Instrument :

BNA_F

ClientSampleId :

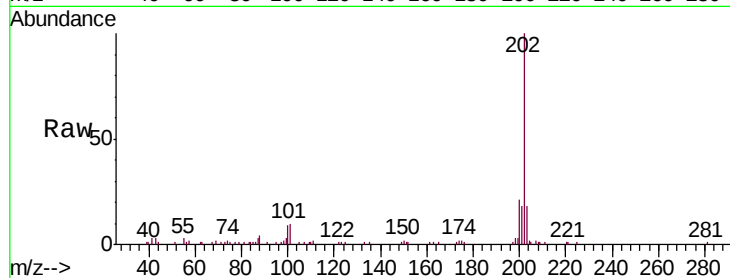
Tgt Ion:202 Resp: 52142

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

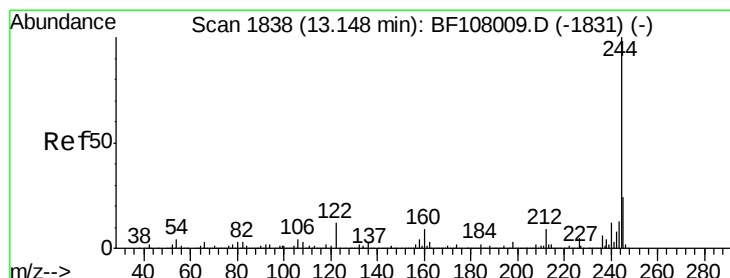
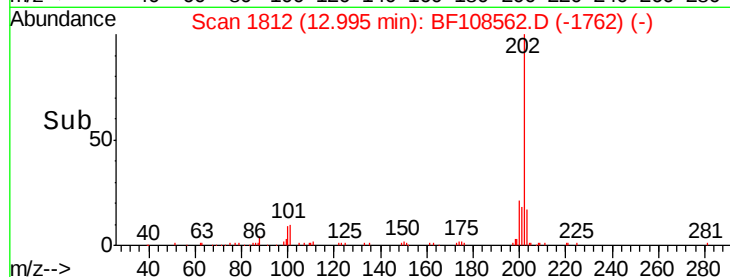
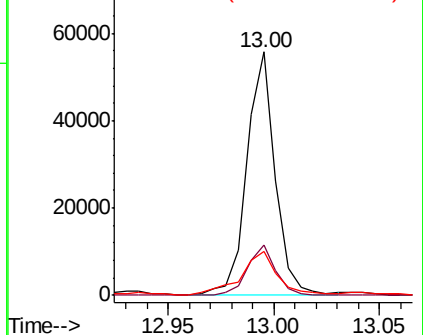
203 18.0 14.3 21.5



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: 6.370 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108562.D

Acq: 28 Aug 2018 18:18

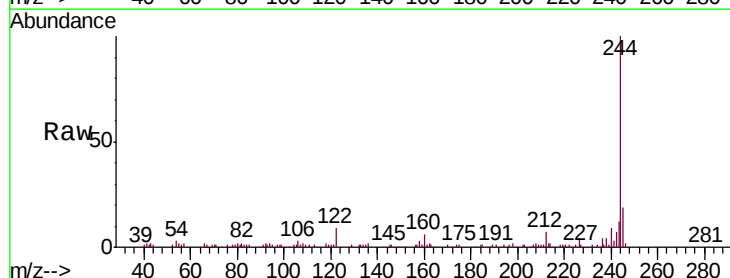
Tgt Ion:244 Resp: 71168

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

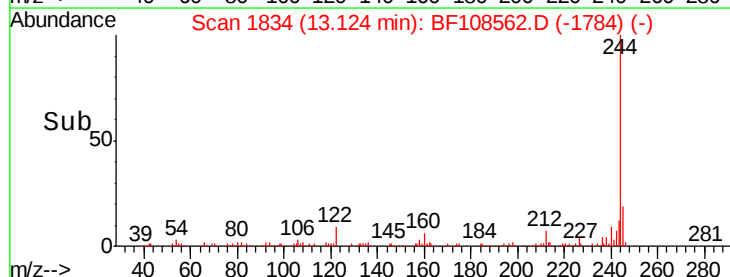
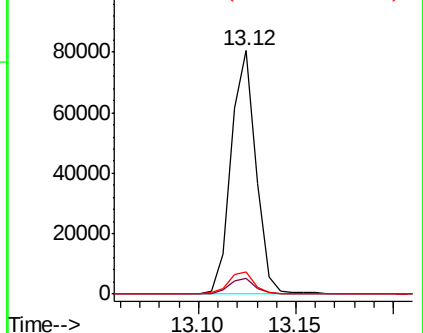
122 9.0 11.0 16.4#

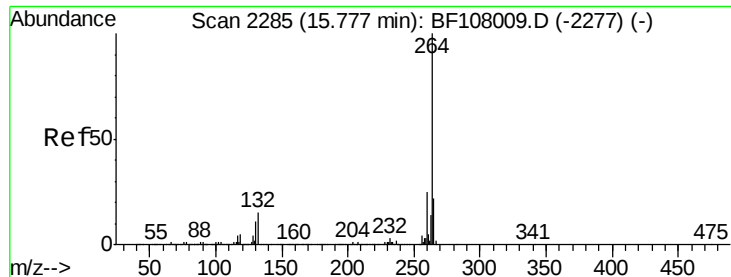


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

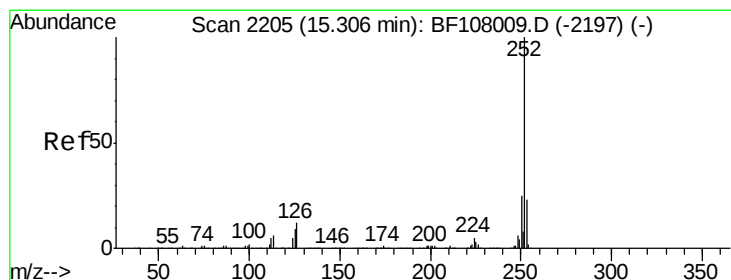
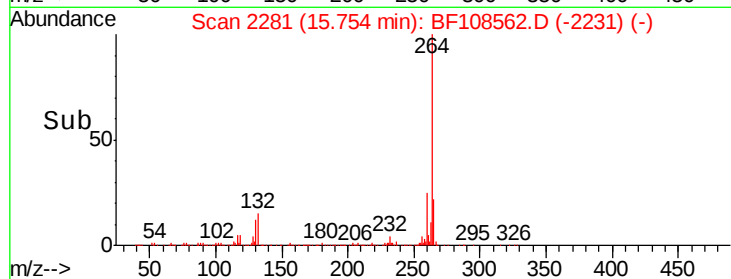
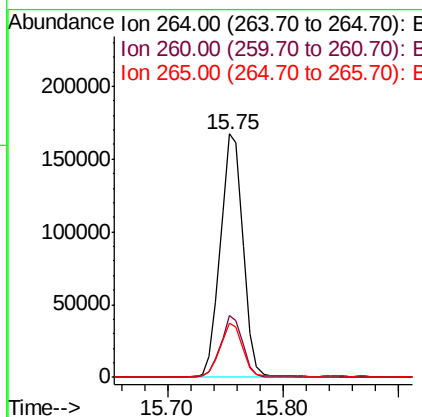
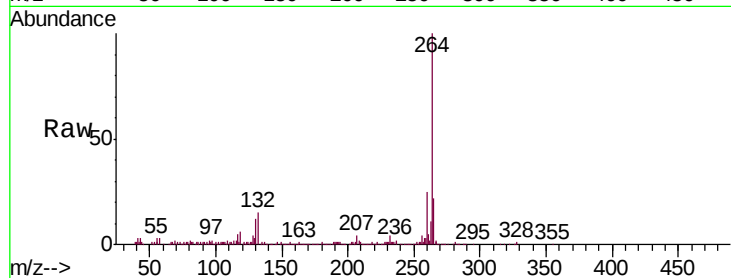




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

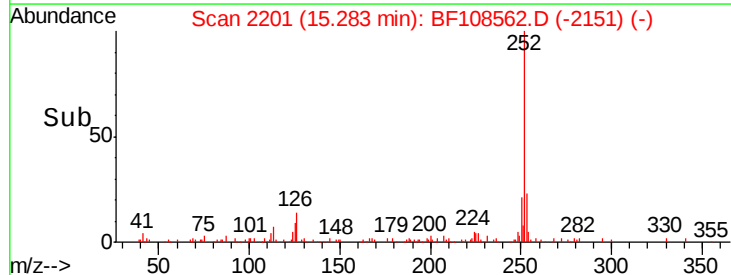
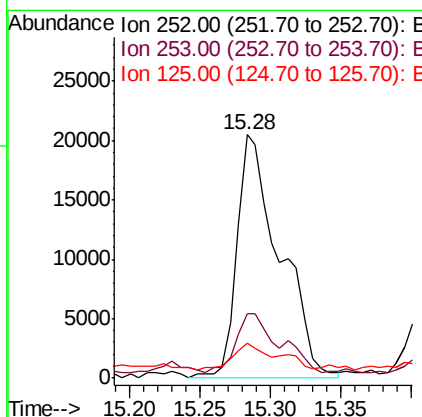
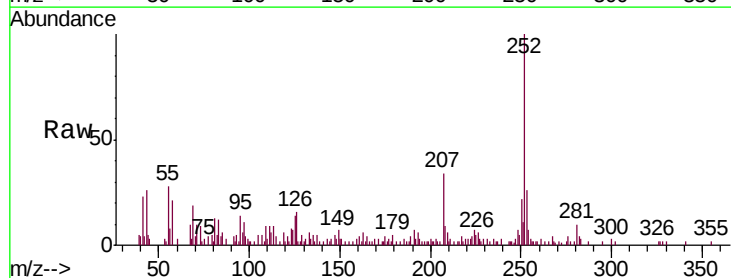
Instrument :
BNA_F
ClientSampleId :

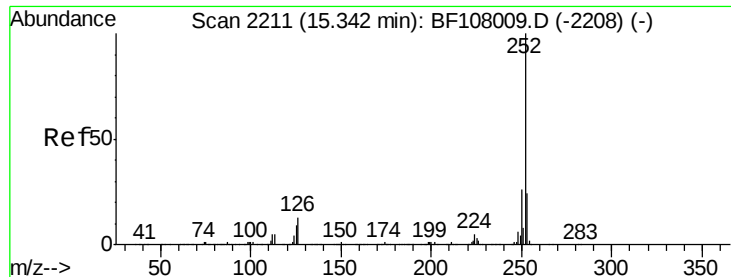
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.2	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 3.172 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	14.4	9.0	13.6#

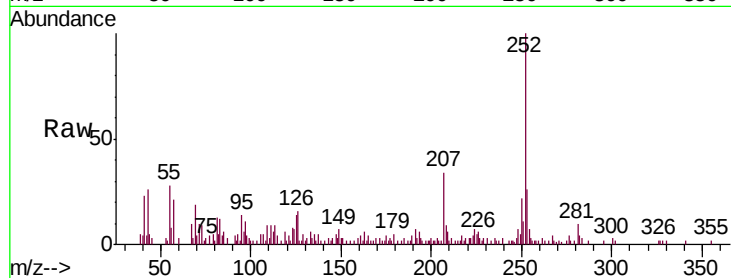




#88
 Benzo(k)fluoranthene
 Concen: 3.451 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. -0.04 min
 Lab File: BF108562.D
 Acq: 28 Aug 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	14.4	10.2	15.2



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

