

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109012.D
 Acq On : 14 Sep 2018 23:08
 Operator : JU/SJ
 Sample : J4906-24
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

Quant Time: Sep 15 00:11:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

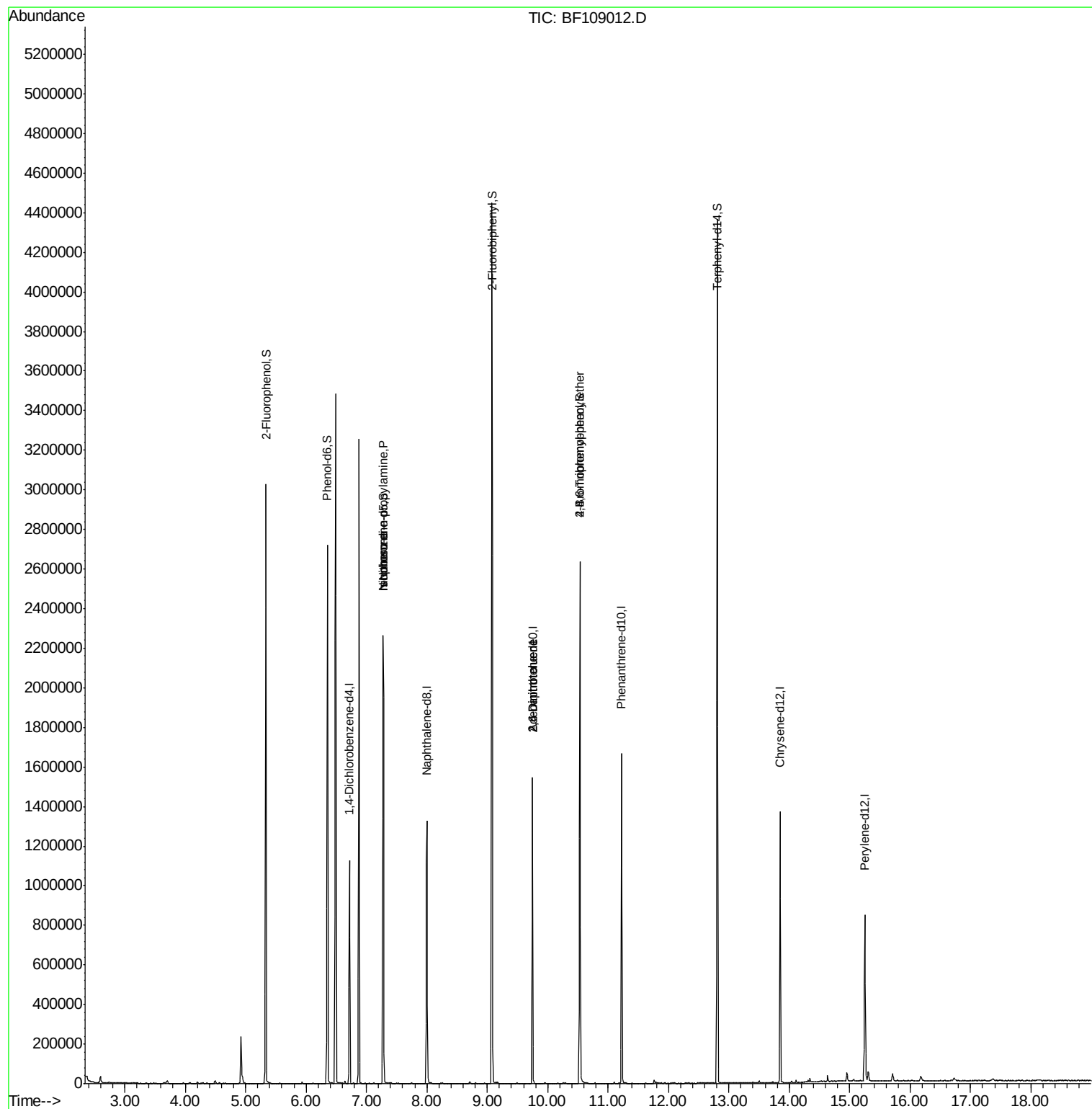
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149959	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	577861	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	286736	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	574090	20.00	ng	0.00
75) Chrysene-d12	13.85	240	458435	20.00	ng	-0.01
86) Perylene-d12	15.25	264	409624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	889899	98.56	ng	0.01
7) Phenol-d6	6.35	99	1082015	92.94	ng	0.00
23) Nitrobenzene-d5	7.28	82	793224	76.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	359527	115.53	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1419295	77.55	ng	0.00
78) Terphenyl-d14	12.81	244	1581837	81.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	106595	13.852	ng	# 79
25) Isophorone	7.28	82	788991	44.551	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	37011	8.143	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	37011	6.227	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	21441	3.313	ng	# 1

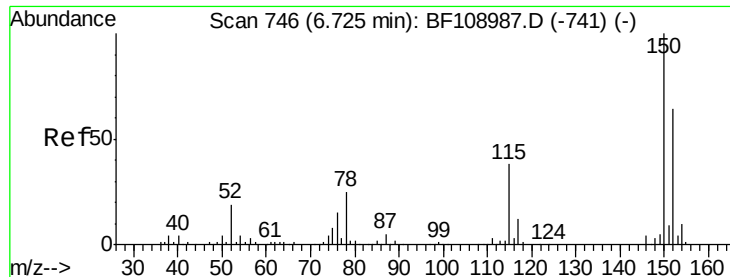
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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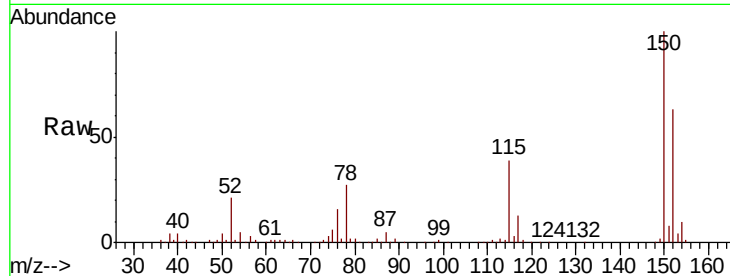


#1

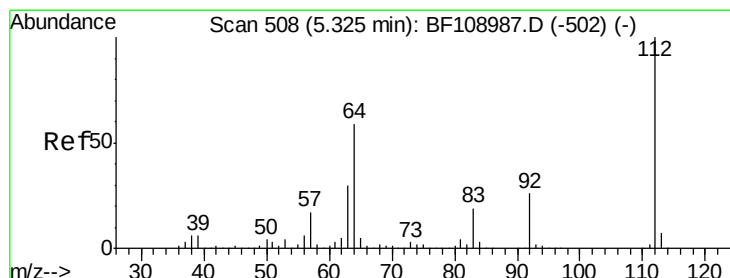
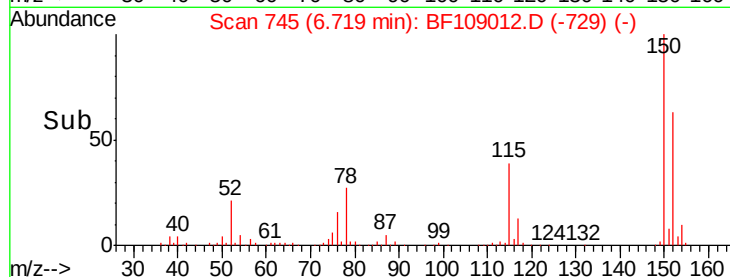
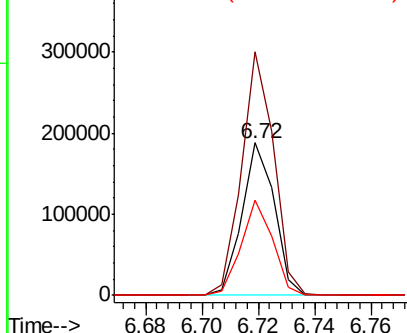
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tgt Ion:152 Resp: 149959
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 62.1 50.1 75.1



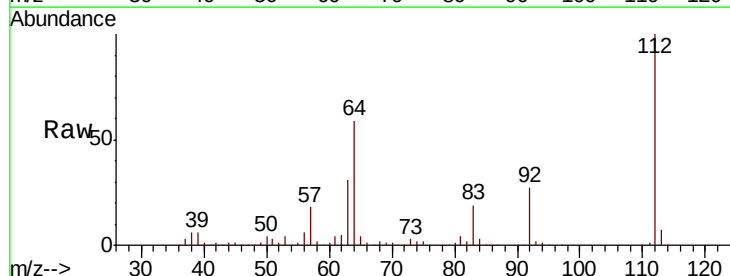
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



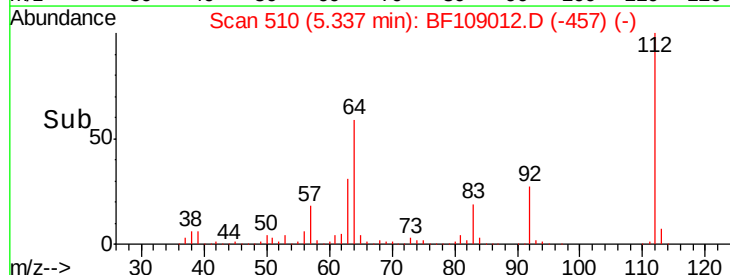
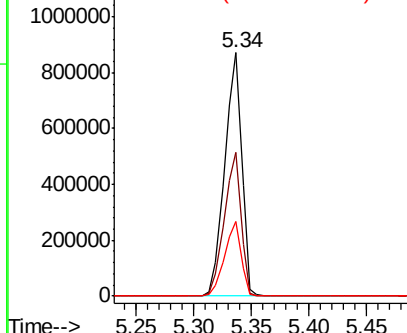
#5

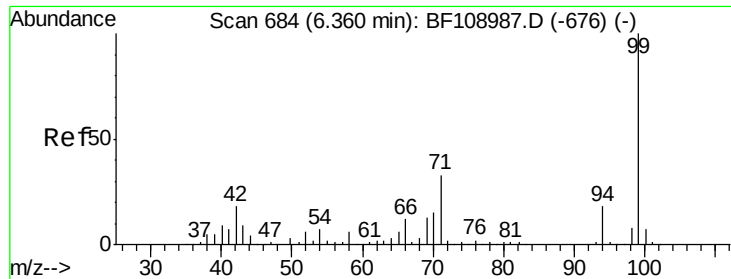
2-Fluorophenol
Concen: 98.562 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

Tgt Ion:112 Resp: 889899
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.7 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: 92.938 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

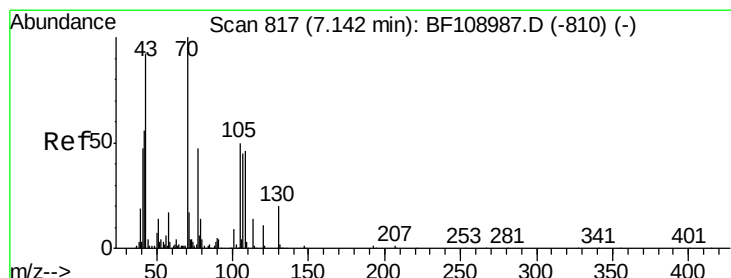
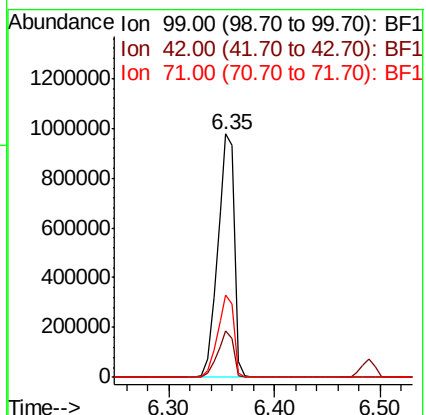
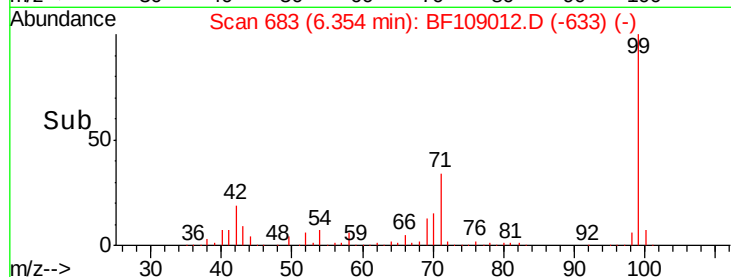
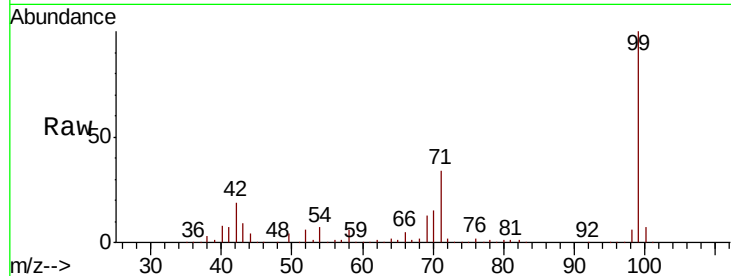
Tgt Ion: 99 Resp: 1082015

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 34.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.852 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

Tgt Ion: 70 Resp: 106595

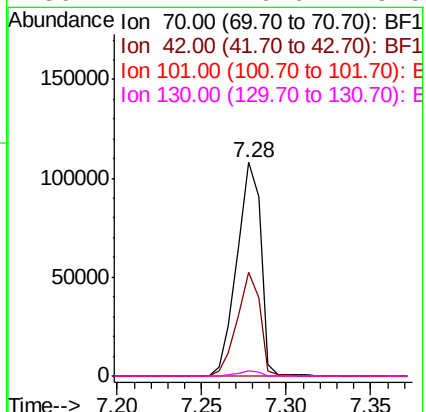
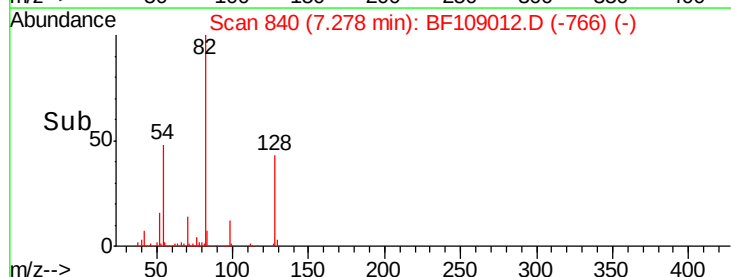
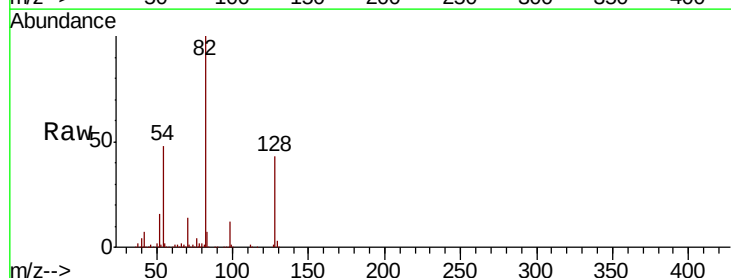
Ion Ratio Lower Upper

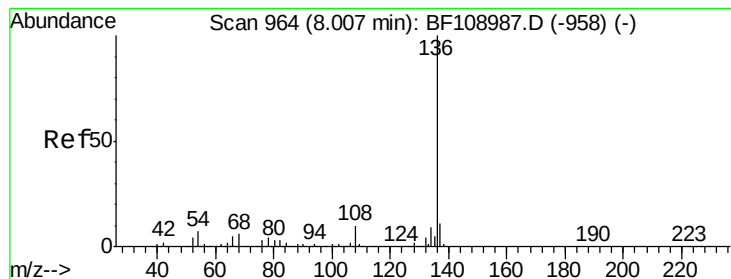
70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

Tgt Ion: 136 Resp: 577861

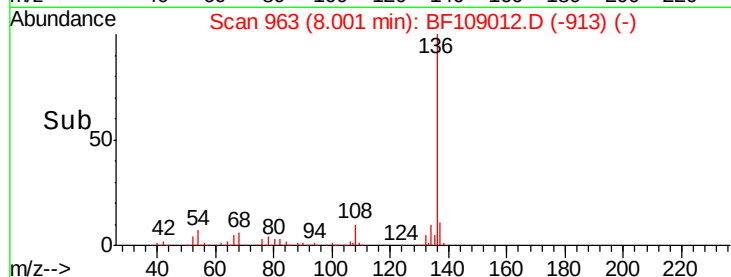
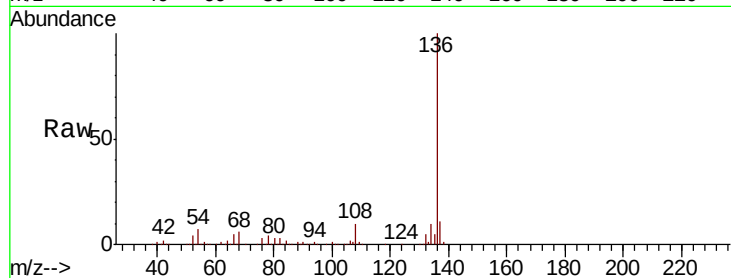
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

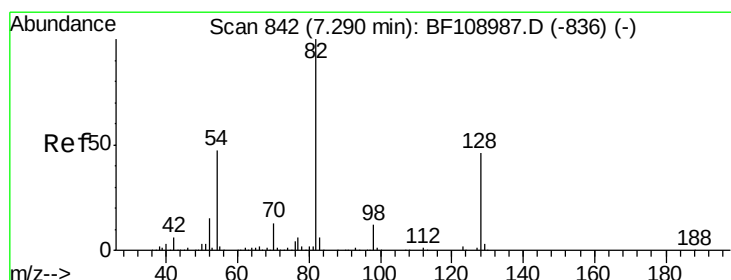
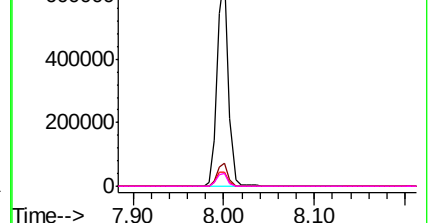


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.992 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

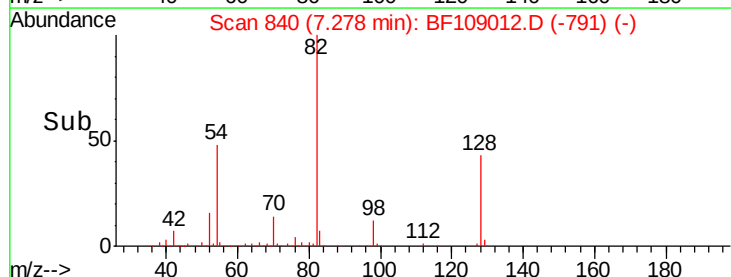
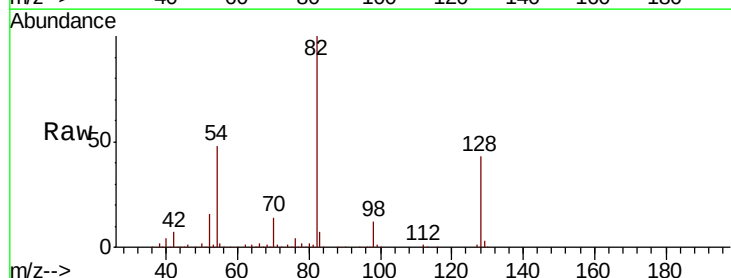
Tgt Ion: 82 Resp: 793224

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

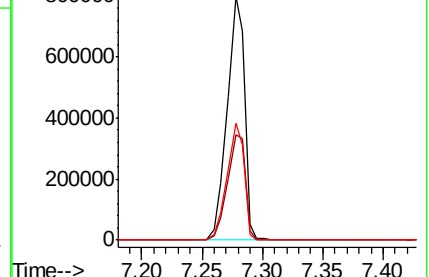
54 48.1 41.4 62.2

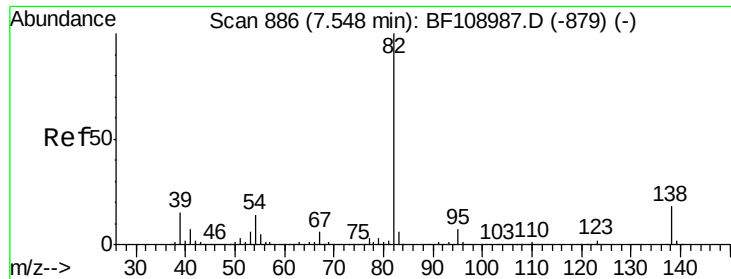


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

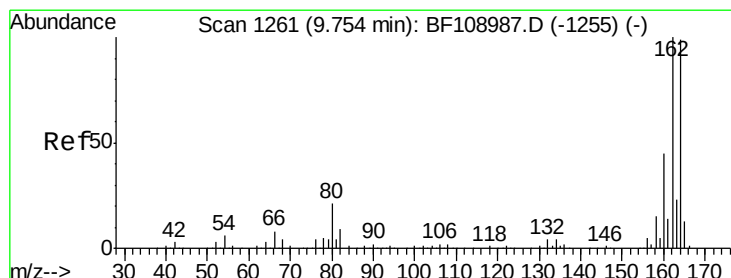
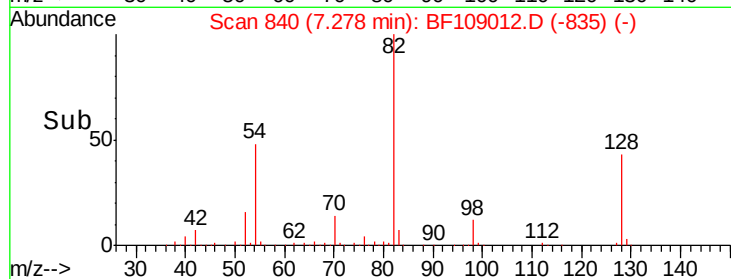
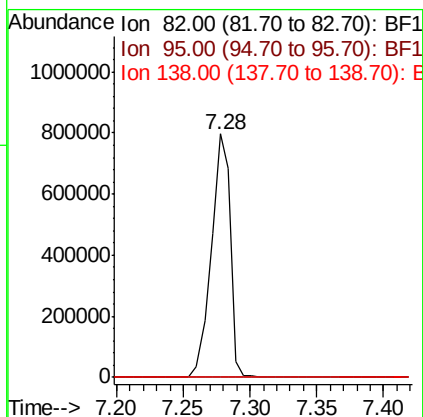
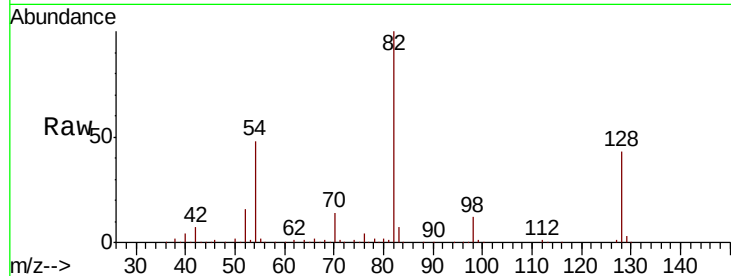




#25
Isophorone
Concen: 44.551 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

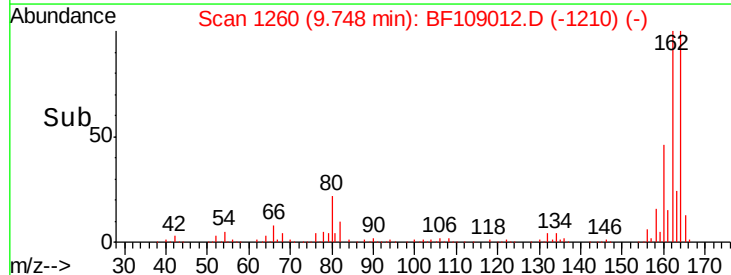
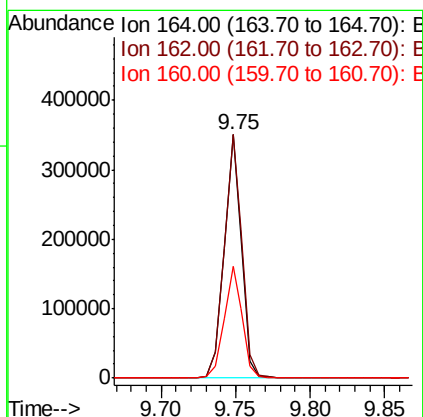
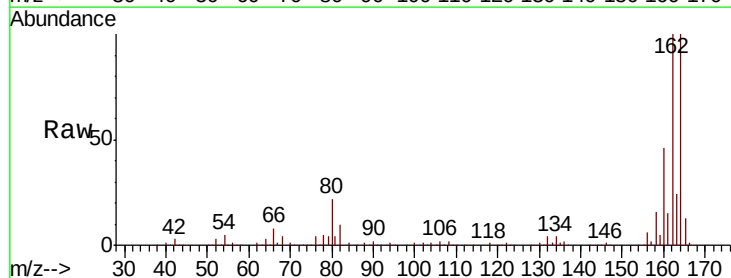
Instrument :
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SP-PIT-10

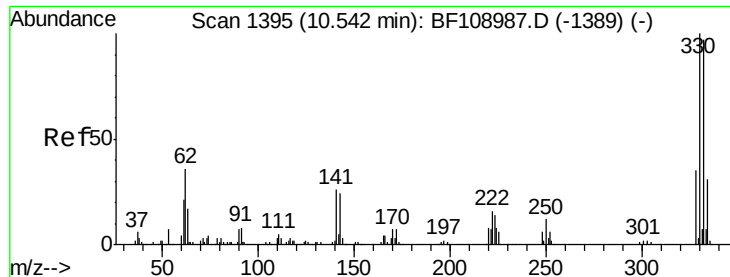
Tgt Ion: 82 Resp: 788991
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

Tgt Ion: 164 Resp: 286736
Ion Ratio Lower Upper
164 100
162 99.9 86.1 129.1
160 46.0 38.3 57.5

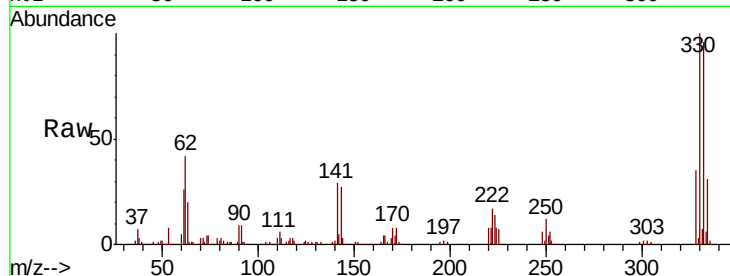




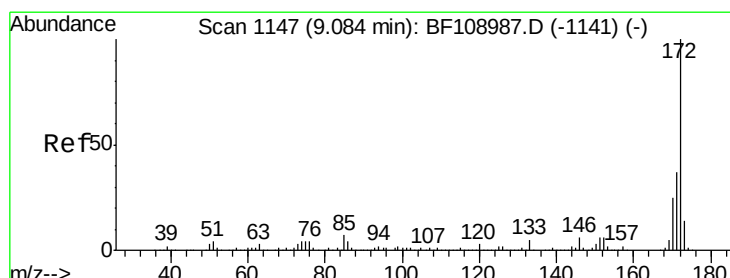
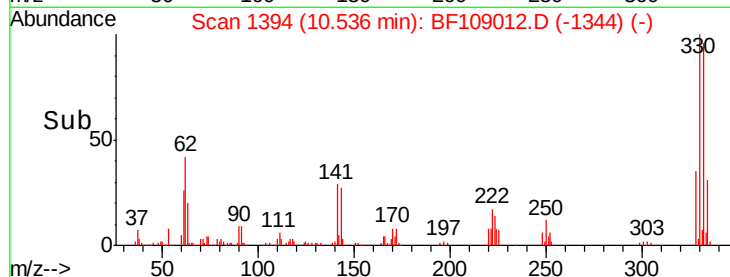
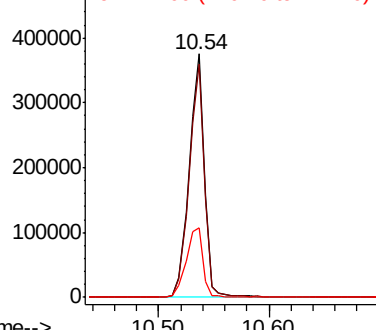
#41
 2,4,6-Tribromophenol
 Concen: 115.535 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

Tgt Ion:330 Resp: 359527
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 31.4 29.9 44.9

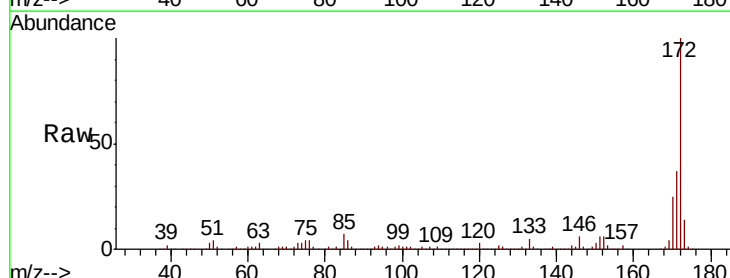


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

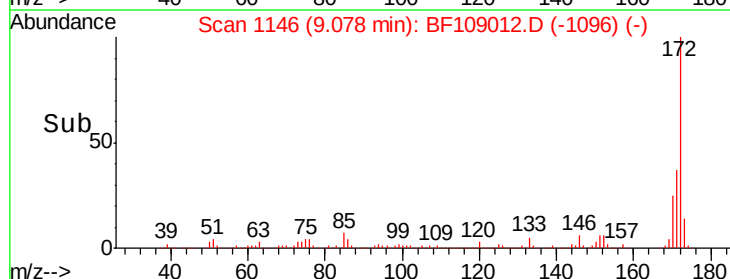
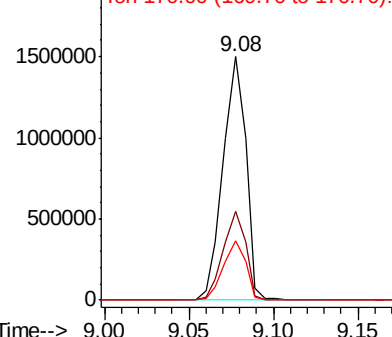


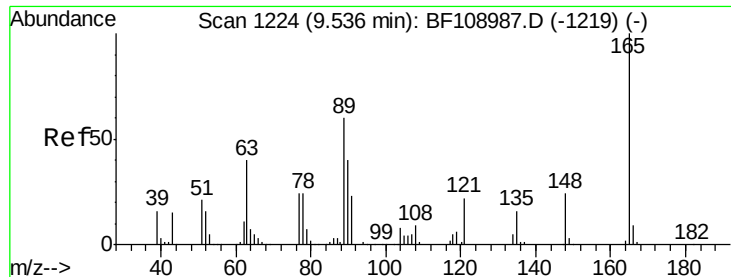
#44
 2-Fluorobiphenyl
 Concen: 77.550 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

Tgt Ion:172 Resp: 1419295
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.6 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

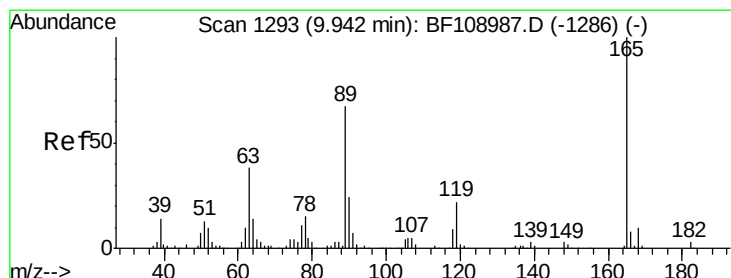
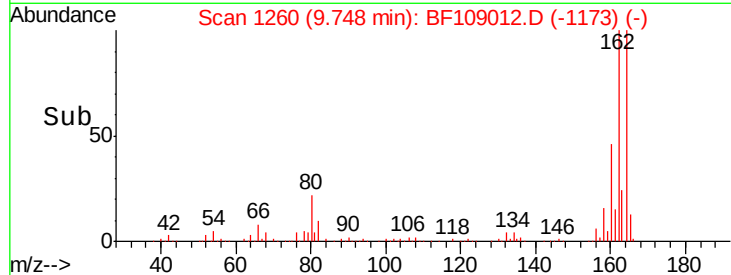
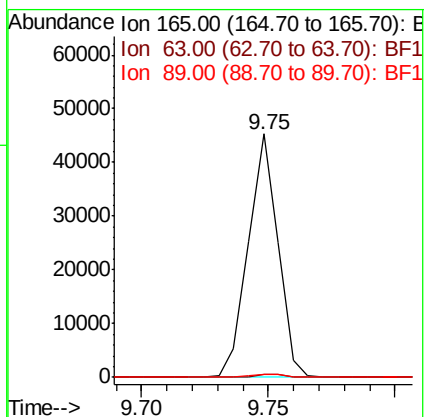
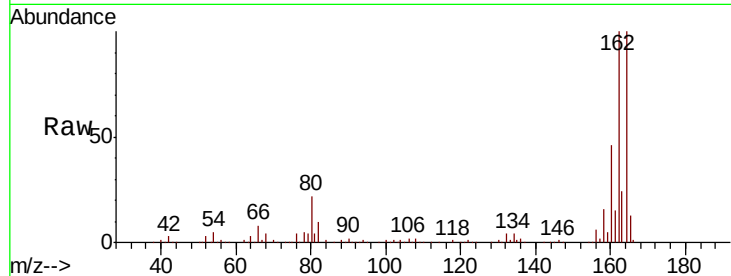




#50
 2,6-Dinitrotoluene
 Concen: 8.143 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

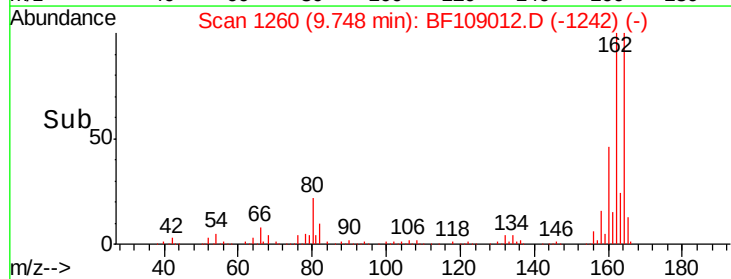
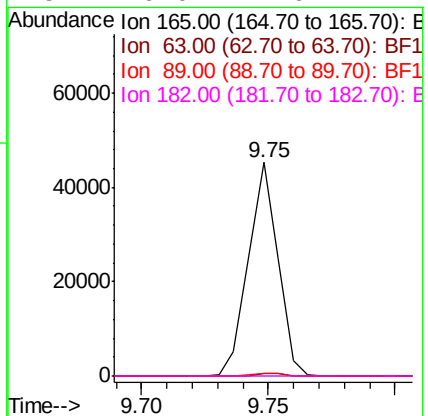
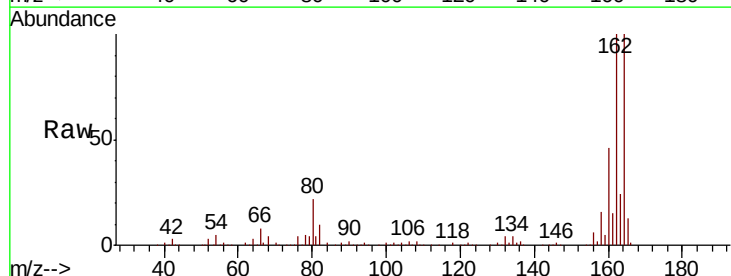
Instrument :
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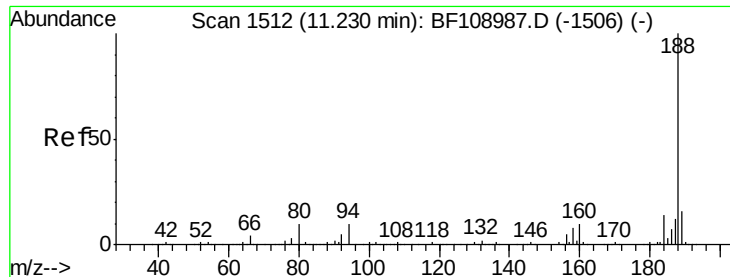
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.227 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

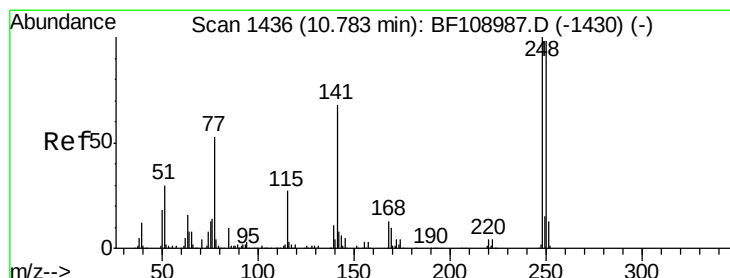
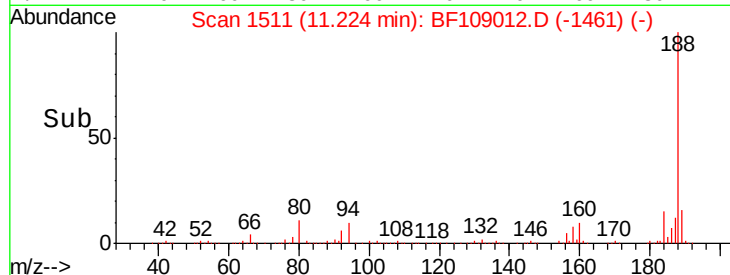
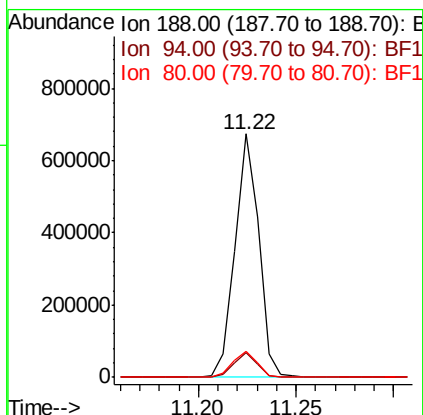
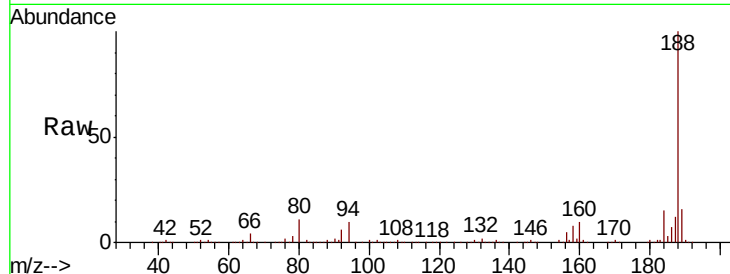




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

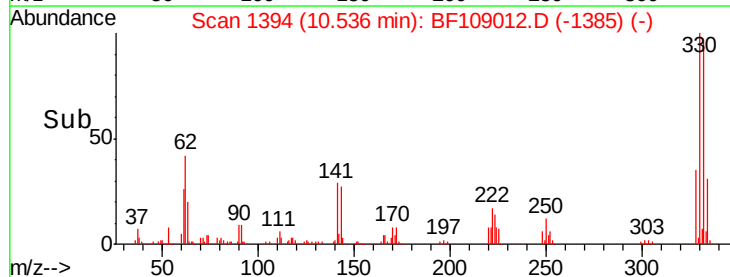
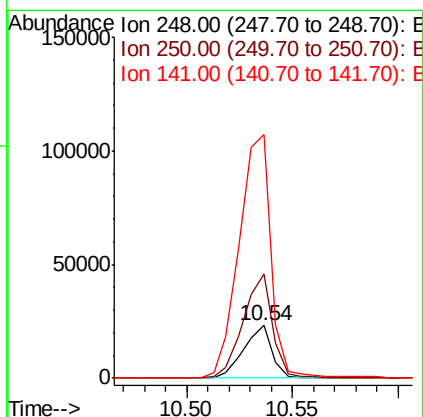
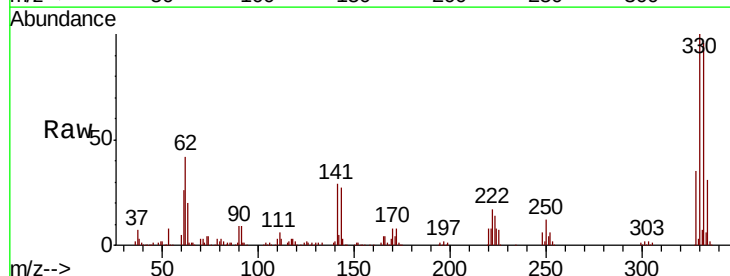
Instrument :
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 SP-PIT-10

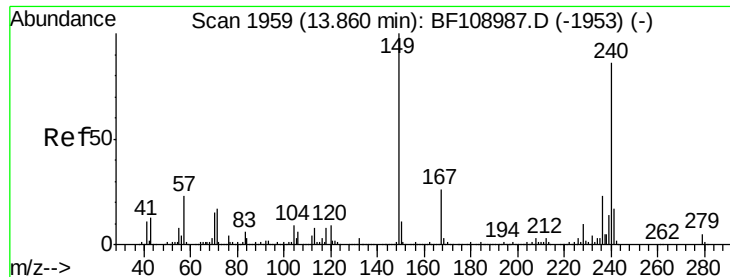
Tgt Ion:188 Resp: 574090
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.6 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.313 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

Tgt Ion:248 Resp: 21441
 Ion Ratio Lower Upper
 248 100
 250 198.0 76.9 115.3#
 141 464.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

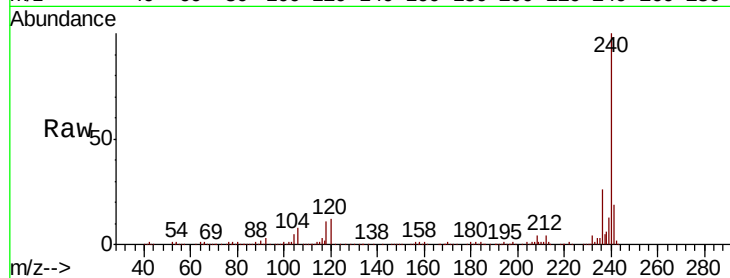
Tgt Ion:240 Resp: 458435

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

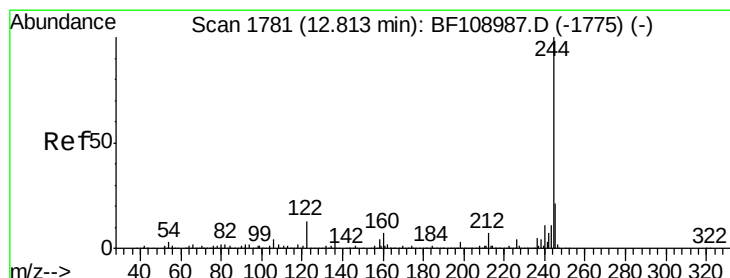
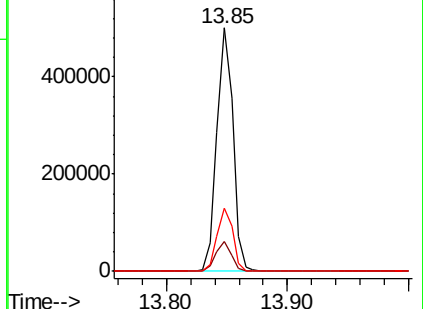
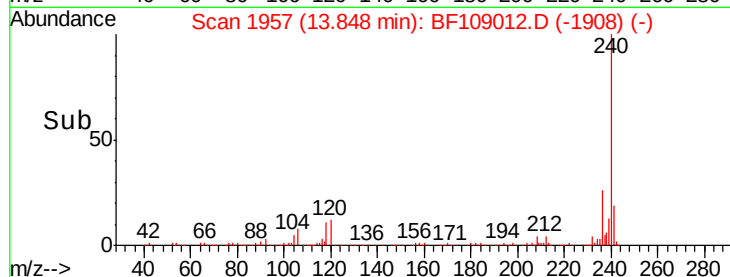
236 25.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 81.786 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

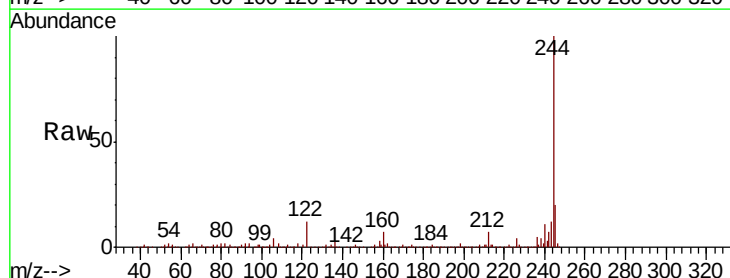
Tgt Ion:244 Resp: 1581837

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

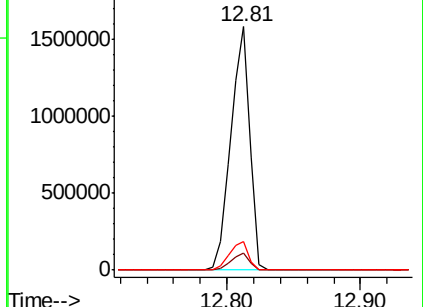
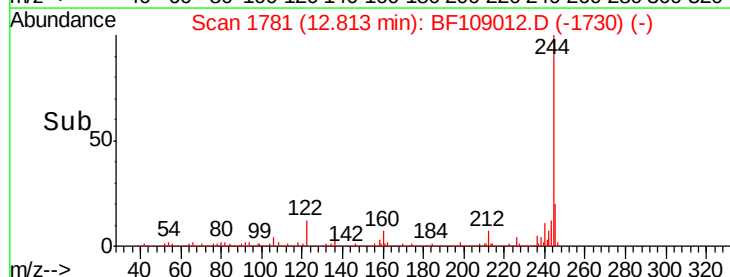
122 11.7 11.0 16.4

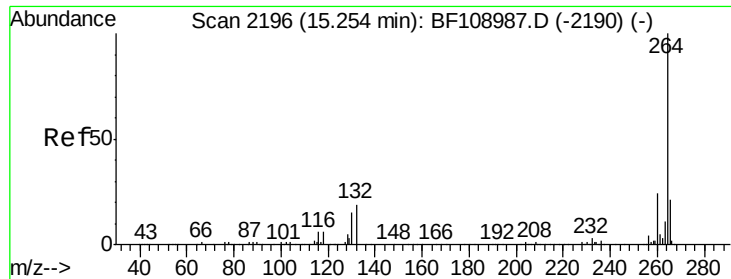


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tgt Ion: 264 Resp: 409624

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3

