

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110782.D
 Acq On : 14 Nov 2018 23:24
 Operator : JU/SJ
 Sample : PB114818TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114818TB

Quant Time: Nov 15 04:39:18 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

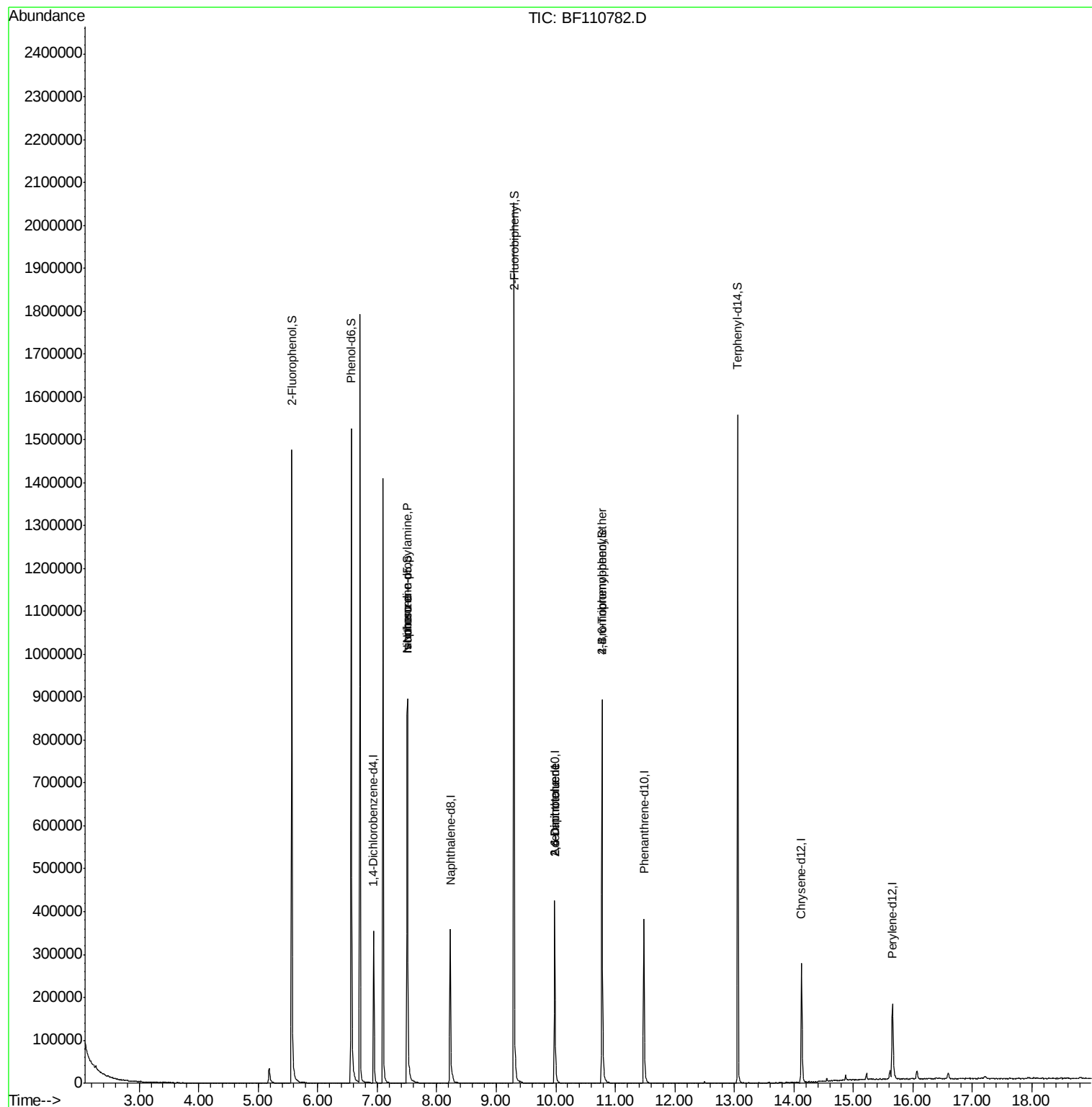
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56377	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	230523	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	108957	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	190991	20.00	ng	0.00
76) Chrysene-d12	14.13	240	123438	20.00	ng	-0.01
87) Perylene-d12	15.66	264	112213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	436836	125.86	ng	0.00
7) Phenol-d6	6.57	99	546902	123.22	ng	0.00
23) Nitrobenzene-d5	7.51	82	340040	84.95	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	119012	108.40	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	675046	88.48	ng	0.00
79) Terphenyl-d14	13.06	244	545983	82.83	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	707	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	45068	15.908 ng	#	1
25) Isophorone	7.51	82	340036	51.829 ng	#	80
51) 2,6-Dinitrotoluene	9.98	165	13663	7.640 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	13663	5.876 ng	#	21
67) 4-Bromophenyl-phenylether	10.77	248	7471	3.539 ng	#	17
					#	1

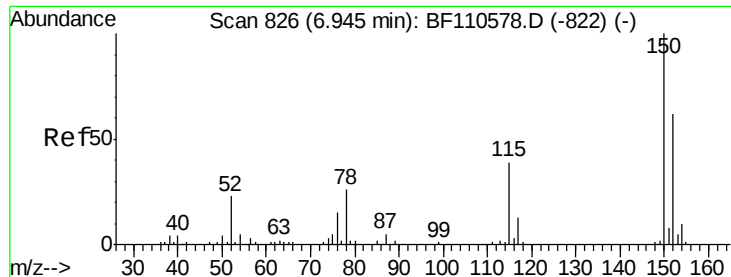
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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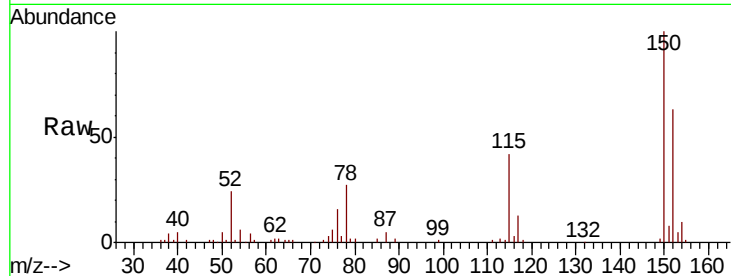




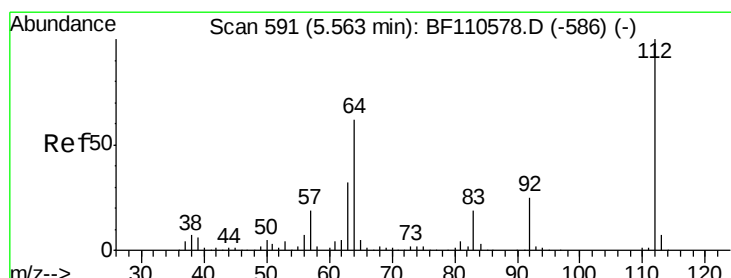
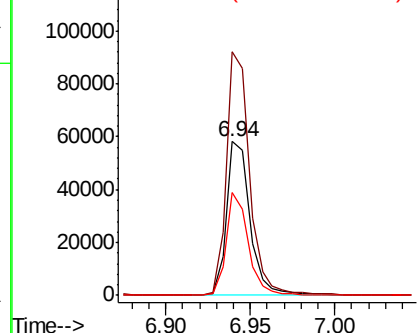
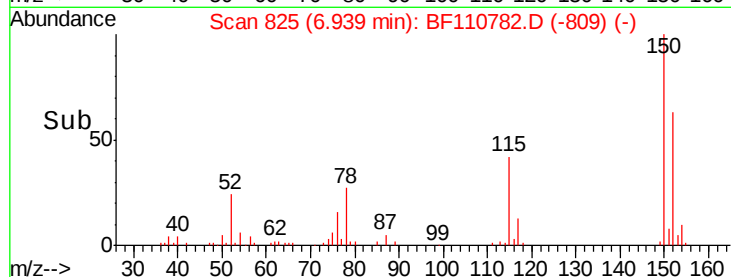
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110782.D
 Acq: 14 Nov 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB114818TB

Tgt Ion:152 Resp: 56377
 Ion Ratio Lower Upper
 152 100
 150 158.5 122.7 184.1
 115 66.6 49.1 73.7

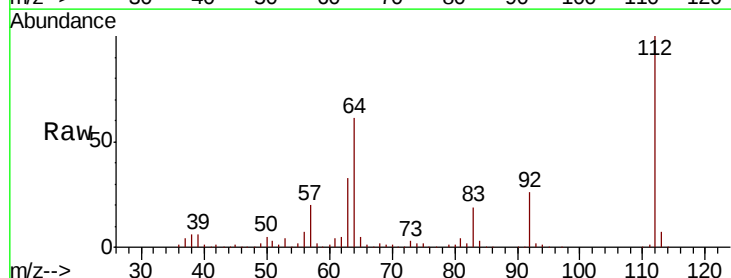


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

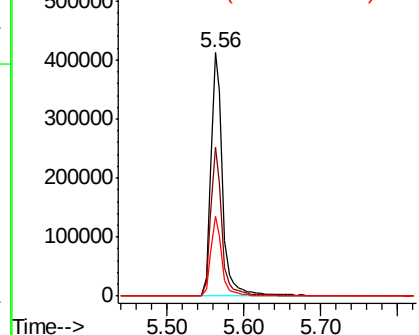
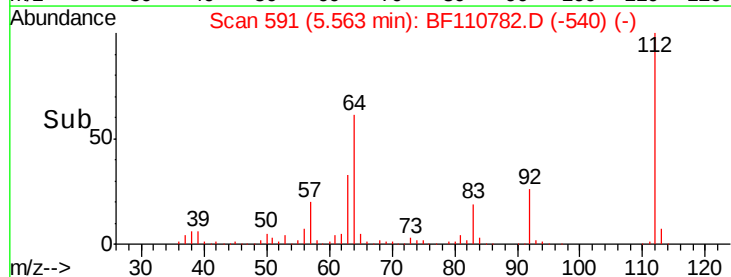


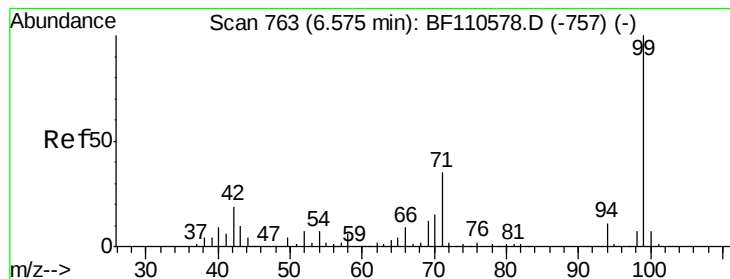
#5
 2-Fluorophenol
 Concen: 125.860 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110782.D
 Acq: 14 Nov 2018 23:24

Tgt Ion:112 Resp: 436836
 Ion Ratio Lower Upper
 112 100
 64 61.2 44.1 66.1
 63 32.9 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: 123.222 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110782.D

Acq: 14 Nov 2018 23:24

Instrument :

BNA_F

ClientSampleId :

PB114818TB

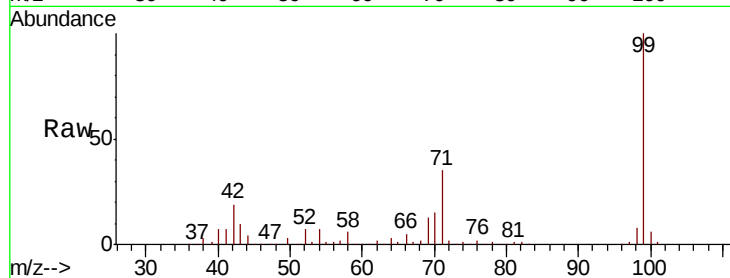
Tgt Ion: 99 Resp: 546902

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

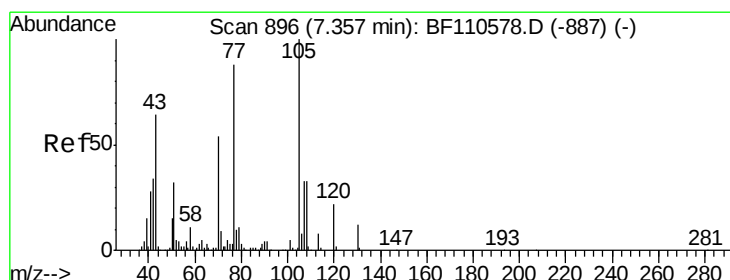
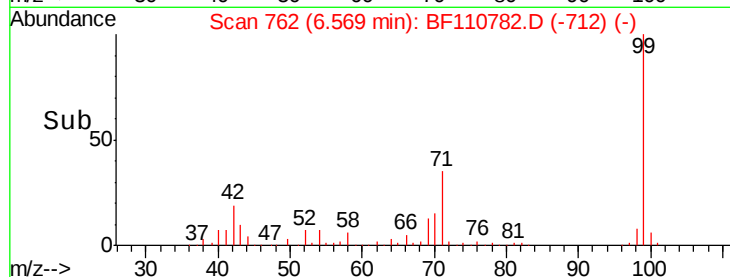
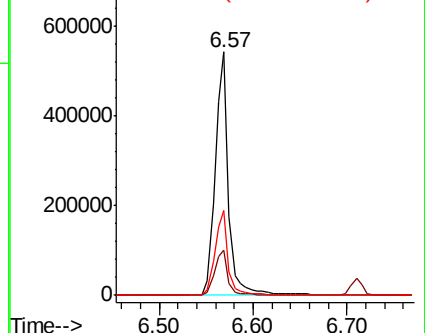
71 35.0 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.908 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110782.D

Acq: 14 Nov 2018 23:24

Tgt Ion: 70 Resp: 45068

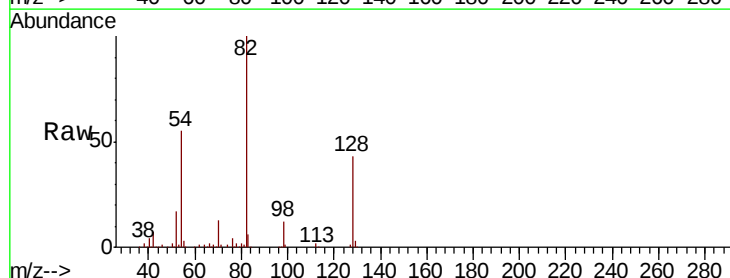
Ion Ratio Lower Upper

70 100

42 50.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

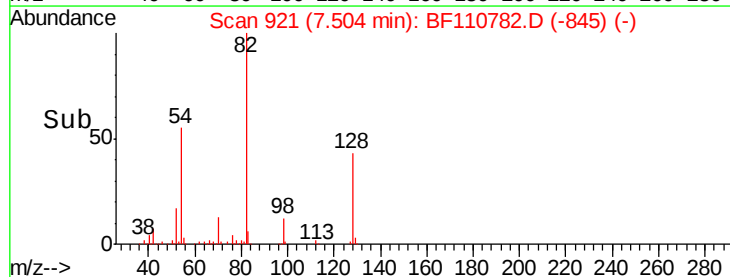
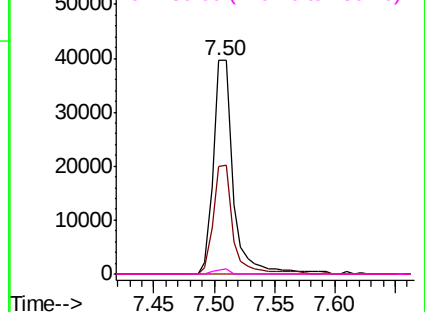


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

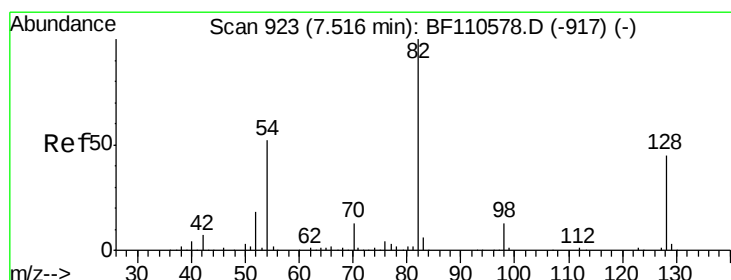
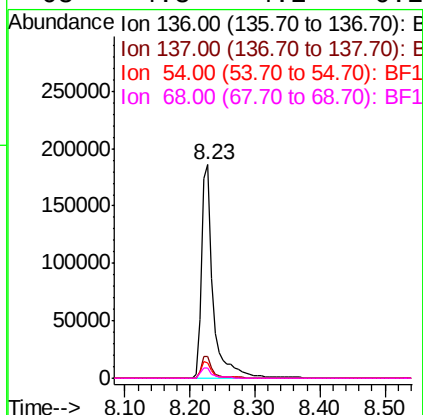
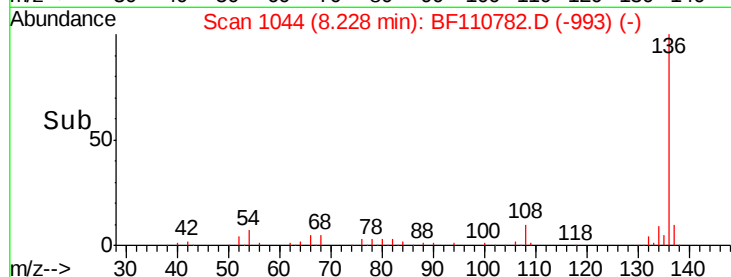
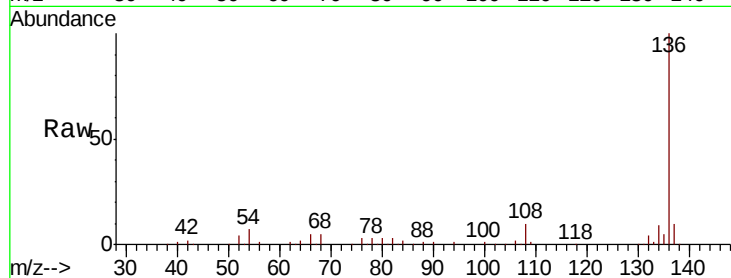




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110782.D
Acq: 14 Nov 2018 23:24

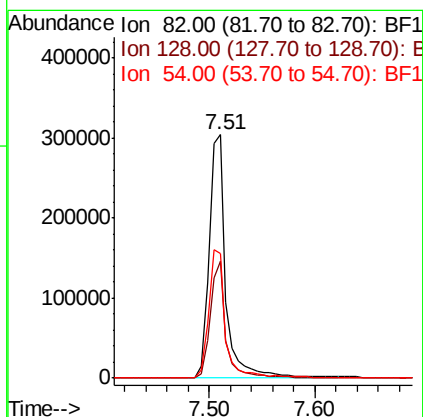
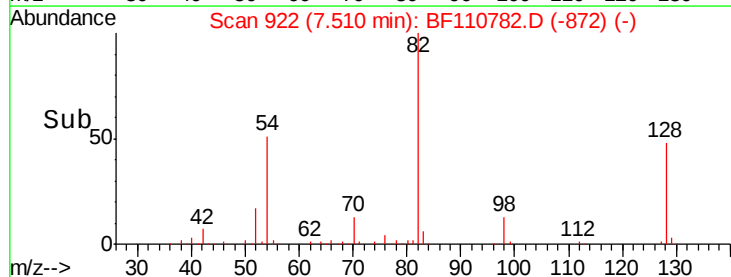
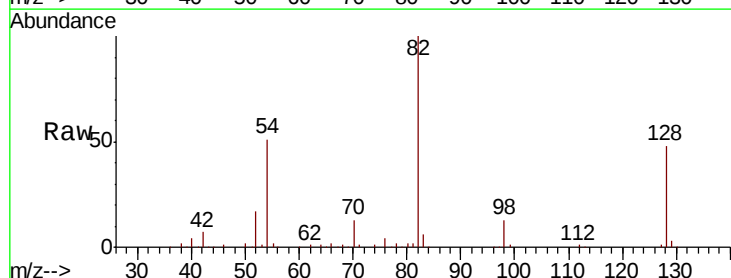
Instrument :
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PB114818TB

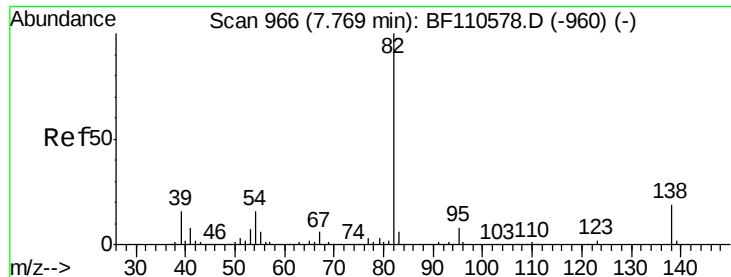
Tgt Ion:136 Resp: 230523
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.5 5.4 8.2
68 4.8 4.2 6.2



#23
Nitrobenzene-d5
Concen: 84.949 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110782.D
Acq: 14 Nov 2018 23:24

Tgt Ion: 82 Resp: 340040
Ion Ratio Lower Upper
82 100
128 47.8 34.2 51.2
54 51.3 38.6 58.0





#25

Isophorone

Concen: 51.829 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110782.D

Acq: 14 Nov 2018 23:24

Instrument :

BNA_F

ClientSampleId :

PB114818TB

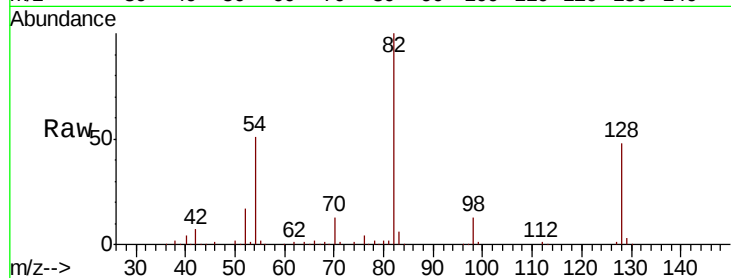
Tgt Ion: 82 Resp: 340036

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

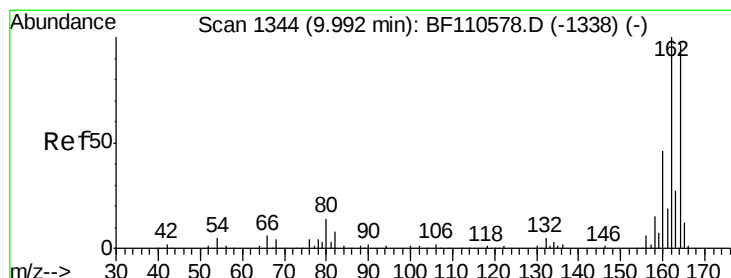
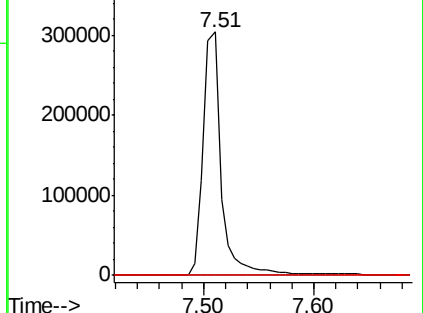
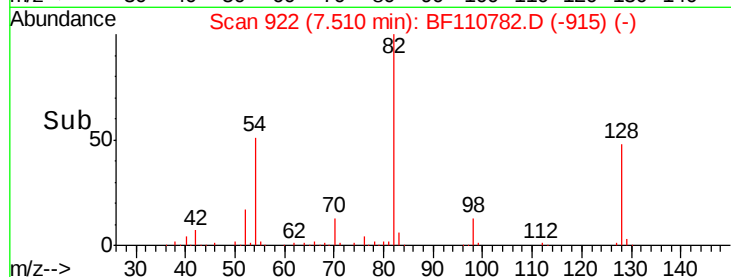
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110782.D

Acq: 14 Nov 2018 23:24

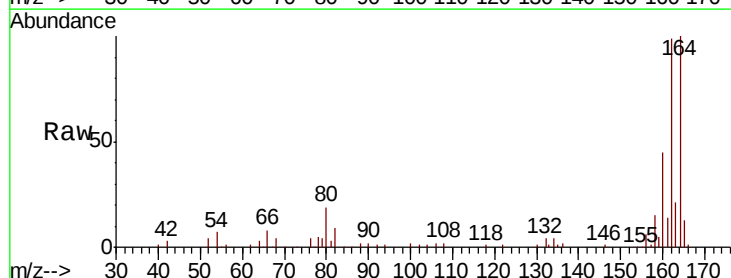
Tgt Ion: 164 Resp: 108957

Ion Ratio Lower Upper

164 100

162 99.2 83.0 124.6

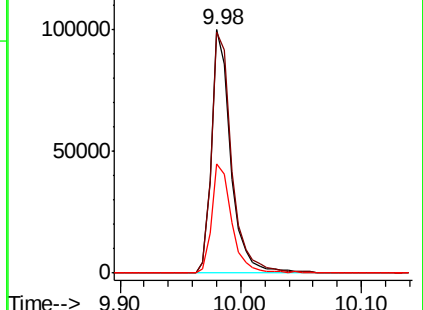
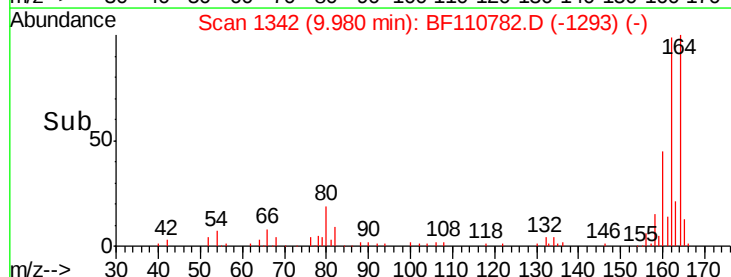
160 44.7 37.0 55.6

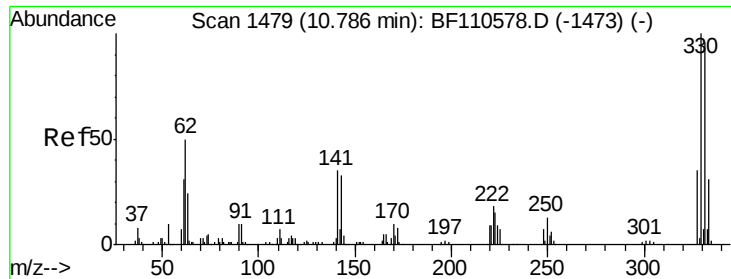


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 108.402 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110782.D

Acq: 14 Nov 2018 23:24

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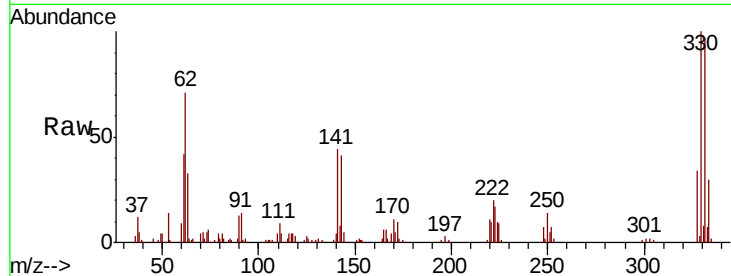
Tgt Ion:330 Resp: 119012

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

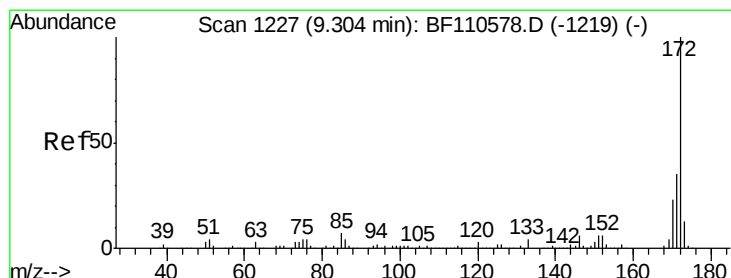
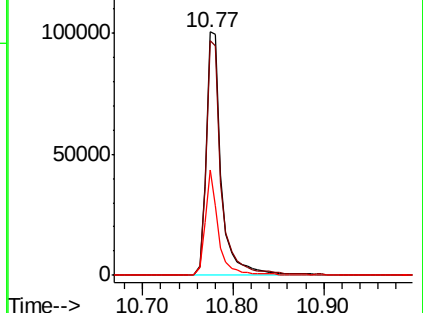
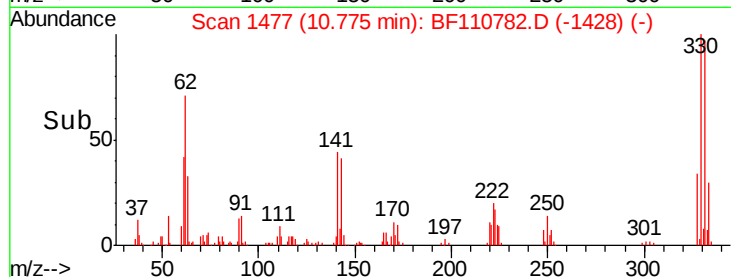
141 37.2 27.0 40.4



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: 88.483 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110782.D

Acq: 14 Nov 2018 23:24

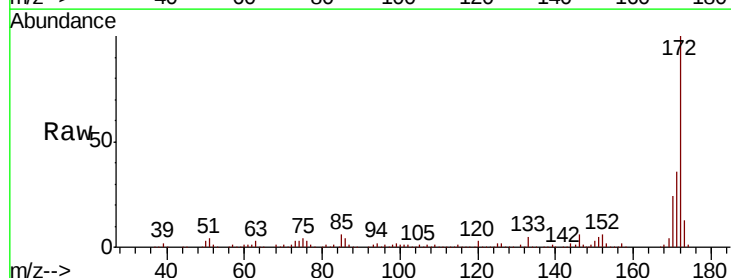
Tgt Ion:172 Resp: 675046

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

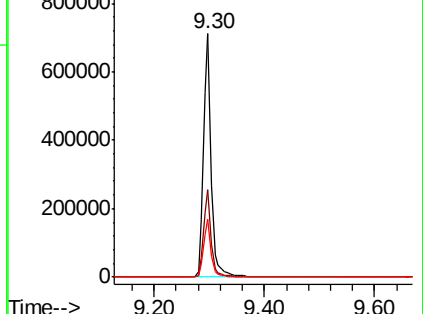
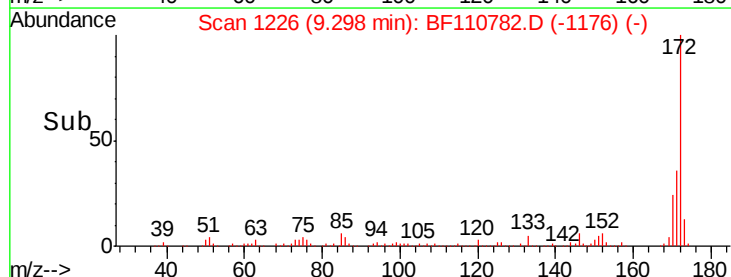
170 23.7 19.7 29.5

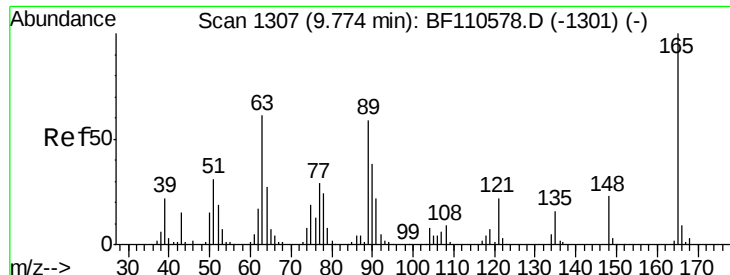


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

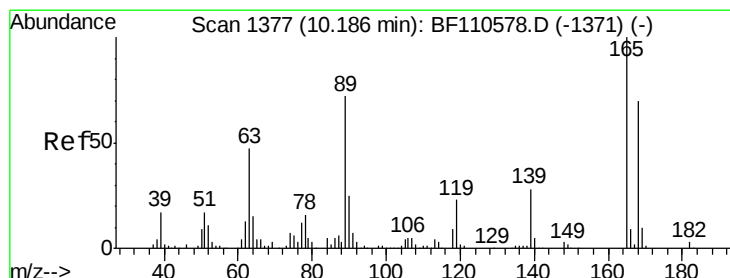
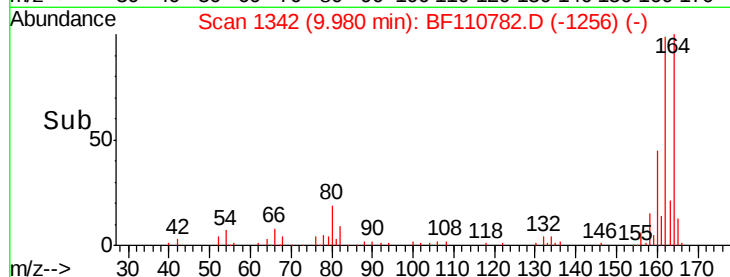
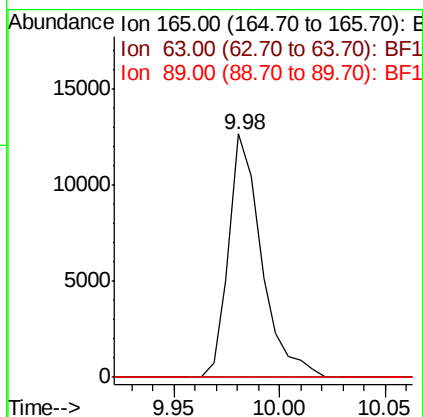
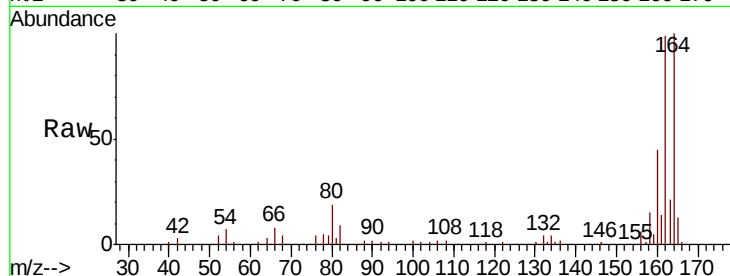




#51
 2,6-Dinitrotoluene
 Concen: 7.640 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110782.D
 Acq: 14 Nov 2018 23:24

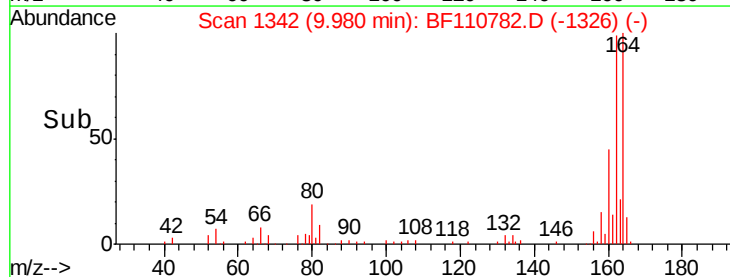
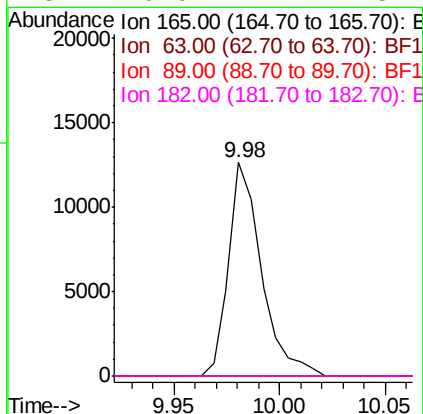
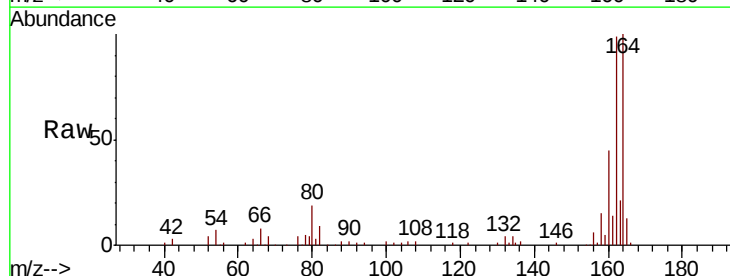
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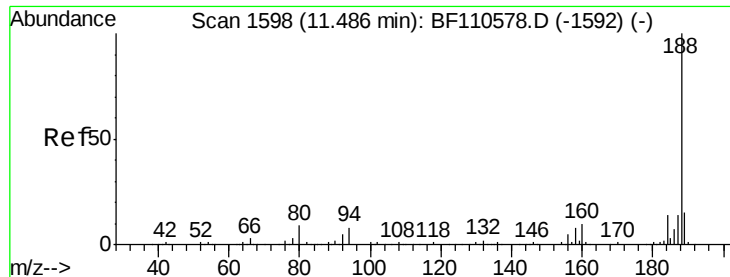
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.876 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110782.D
 Acq: 14 Nov 2018 23:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

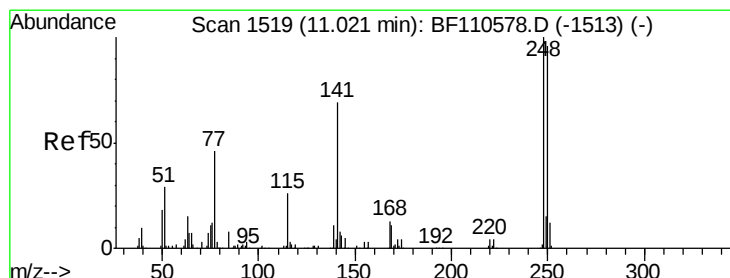
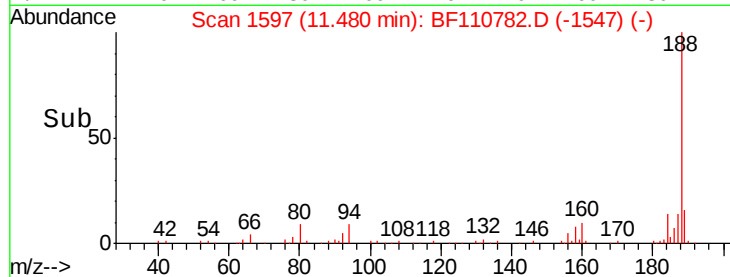
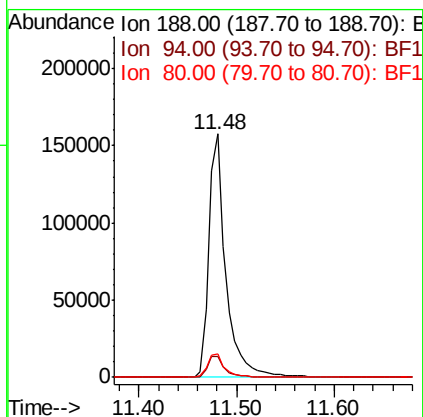
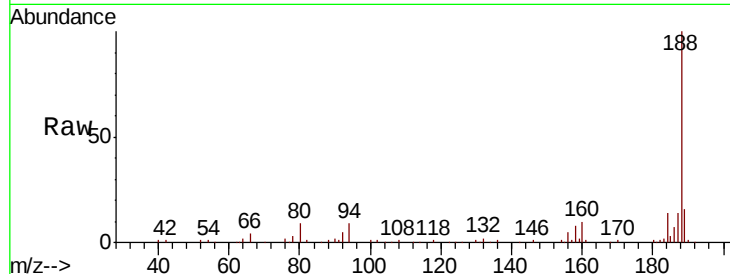




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110782.D
Acq: 14 Nov 2018 23:24

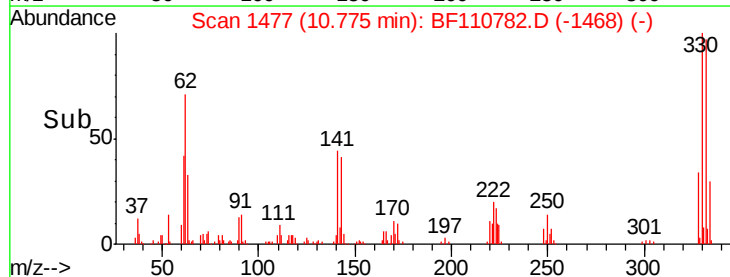
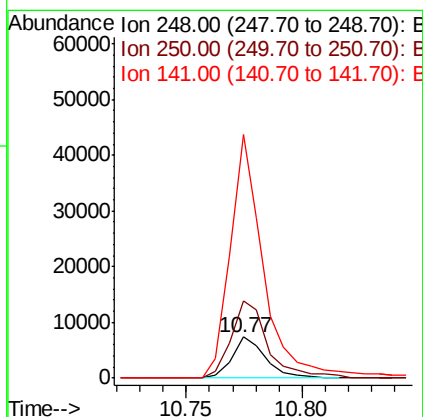
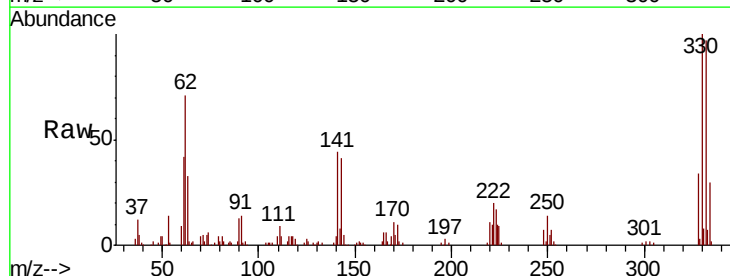
Instrument :
BNA_F
ClientSampleId :
PB114818TB

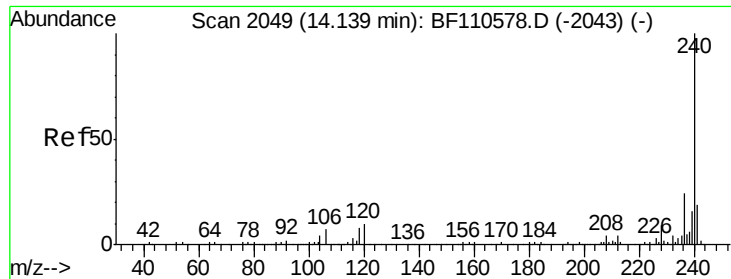
Tgt Ion:188 Resp: 190991
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.539 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110782.D
Acq: 14 Nov 2018 23:24

Tgt Ion:248 Resp: 7471
Ion Ratio Lower Upper
248 100
250 188.1 79.4 119.2#
141 591.1 55.9 83.9#

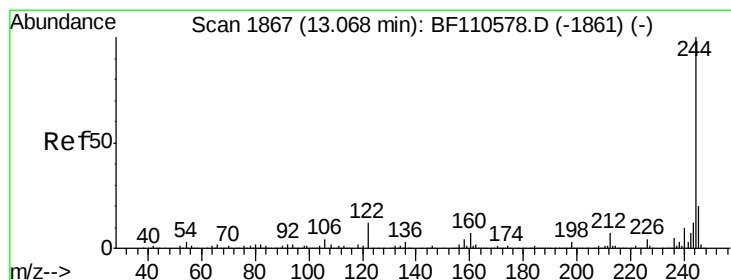
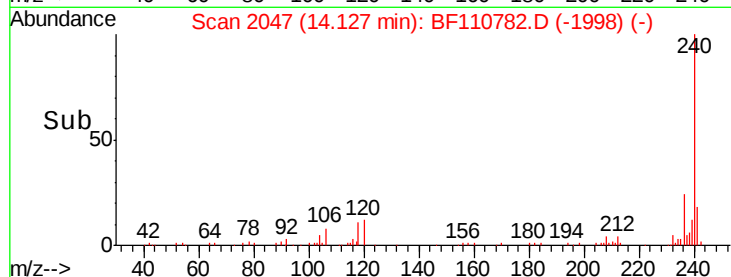
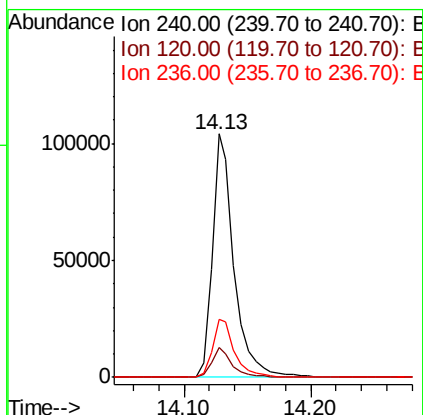
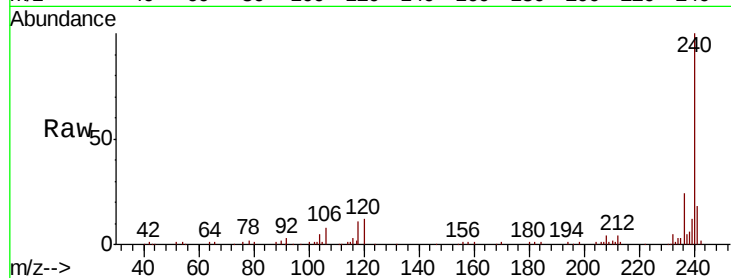




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110782.D
 Acq: 14 Nov 2018 23:24

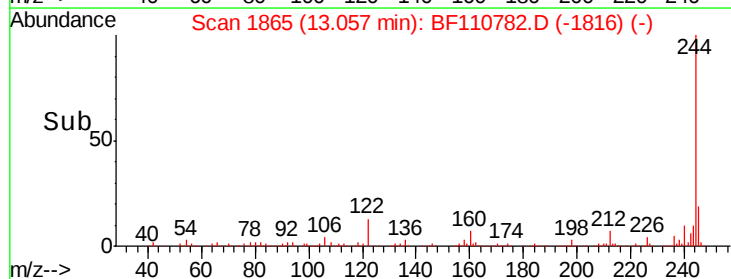
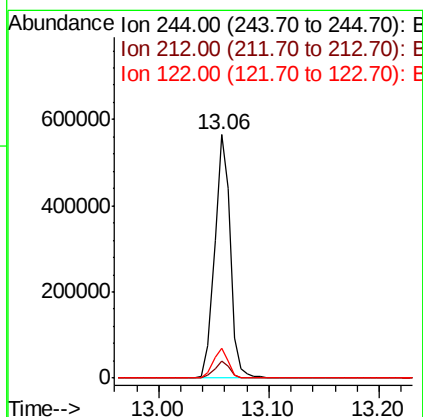
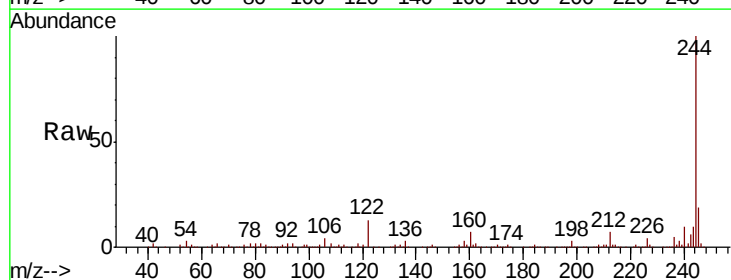
Instrument :
 BNA_F
 ClientSampleId :
 PB114818TB

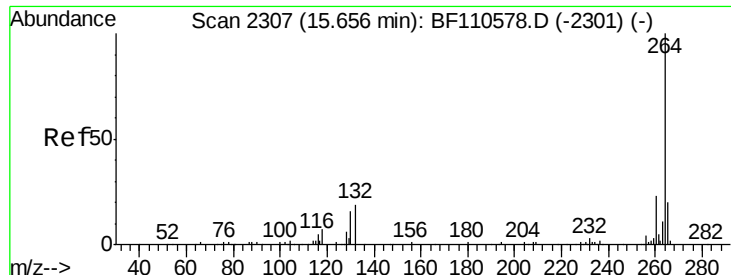
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	24.0	21.2	31.8



#79
 Terphenyl-d14
 Concen: 82.835 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110782.D
 Acq: 14 Nov 2018 23:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.5	8.7	13.1

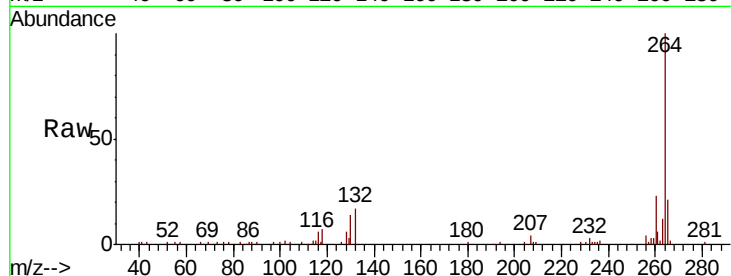




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110782.D
Acq: 14 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
PB114818TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.1	16.7	25.1



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

