

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110932.D
 Acq On : 21 Nov 2018 17:00
 Operator : JU/SJ
 Sample : J5772-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 21 22:08:10 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

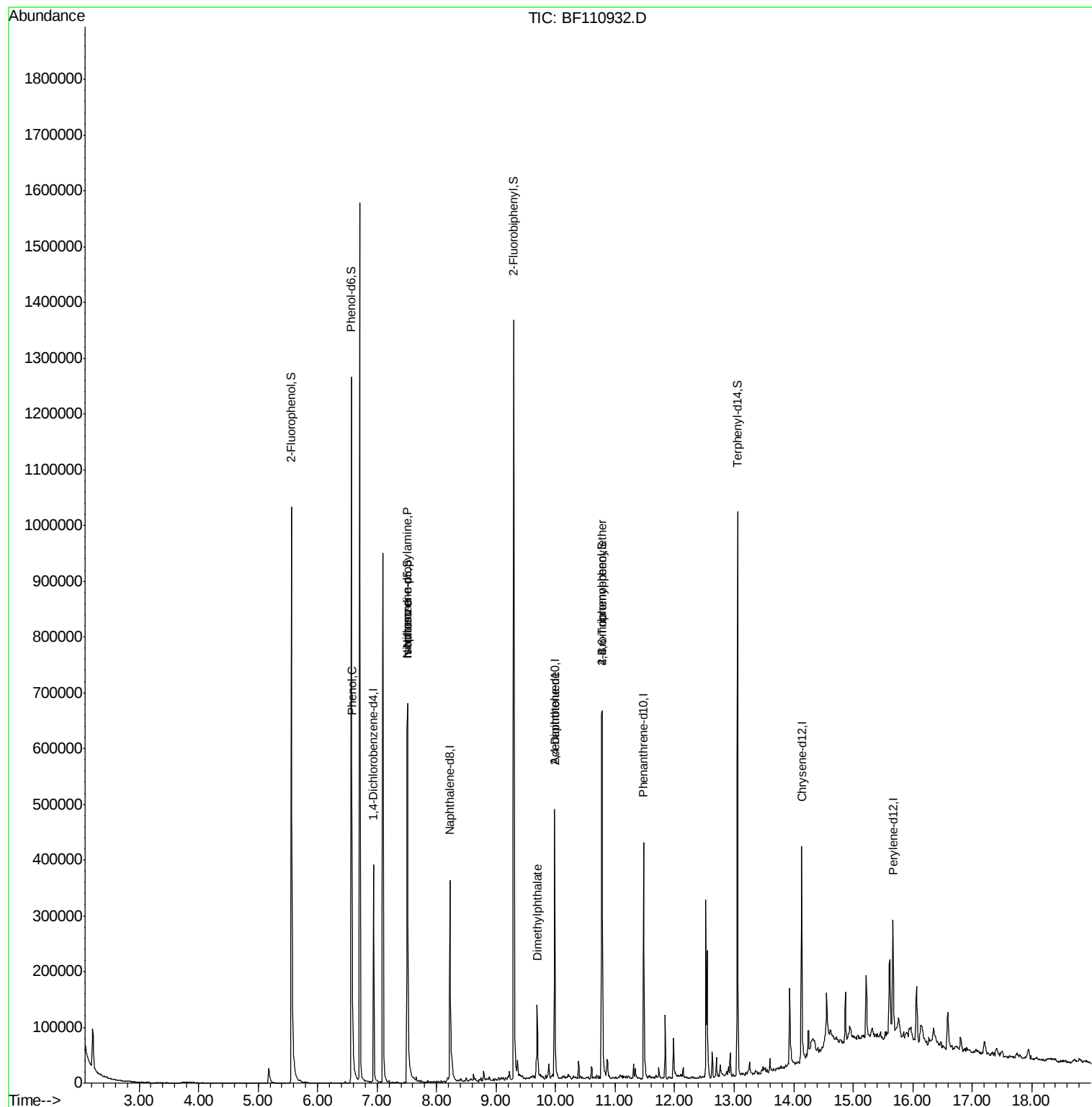
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57694	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	236829	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	104717	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	171849	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128884	20.00	ng	0.00
87) Perylene-d12	15.67	264	103917	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	356306	100.31	ng	0.00
7) Phenol-d6	6.57	99	446924	98.40	ng	0.00
23) Nitrobenzene-d5	7.51	82	289190	70.32	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	93210	88.34	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	483902	66.00	ng	-0.01
79) Terphenyl-d14	13.06	244	334650	48.63	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	726	Below Cal		Qvalue
10) Phenol	6.58	94	24797	4.708 ng	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	38028	13.116 ng	#	75
25) Isophorone	7.51	82	289190	42.905 ng	#	80
50) Dimethylphthalate	9.69	163	65137	8.336 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	13306	5.954 ng	#	100
67) 4-Bromophenyl-phenylether	10.78	248	5664	2.982 ng	#	20
					#	1

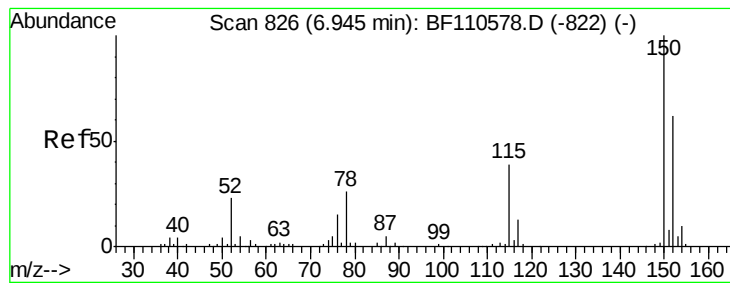
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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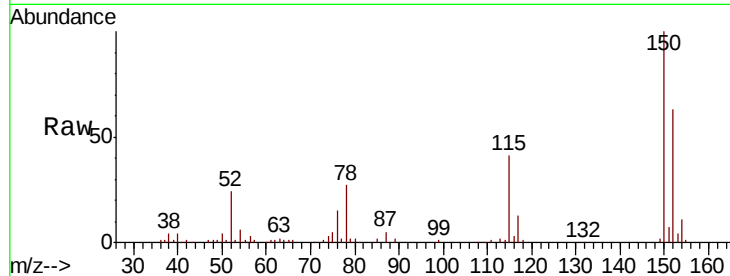


#1

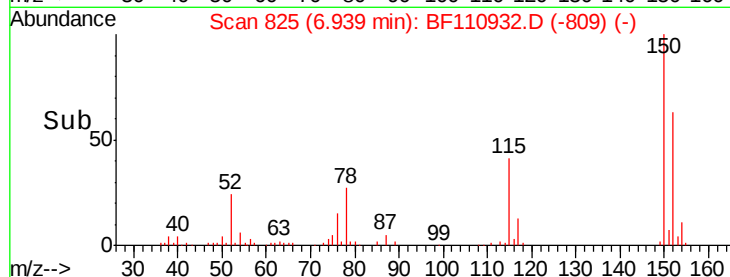
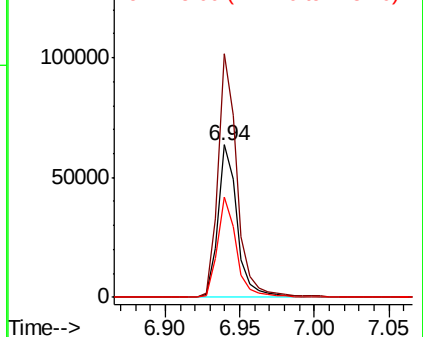
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110932.D
 Acq: 21 Nov 2018 17:00

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

Tgt Ion:152 Resp: 57694
 Ion Ratio Lower Upper
 152 100
 150 159.9 122.7 184.1
 115 66.1 49.1 73.7



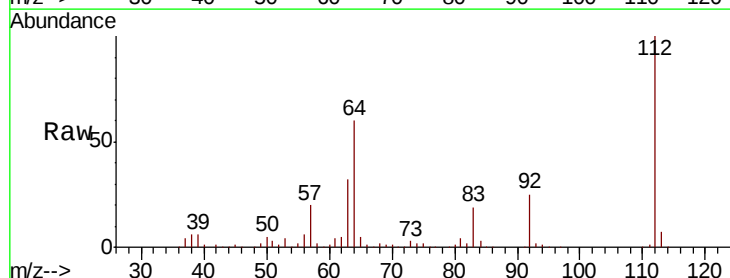
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



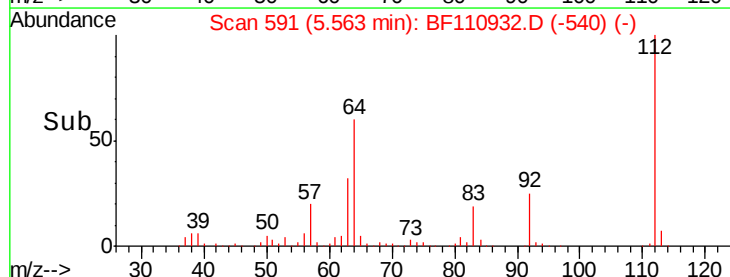
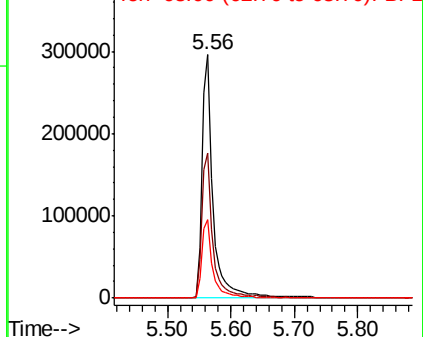
#5

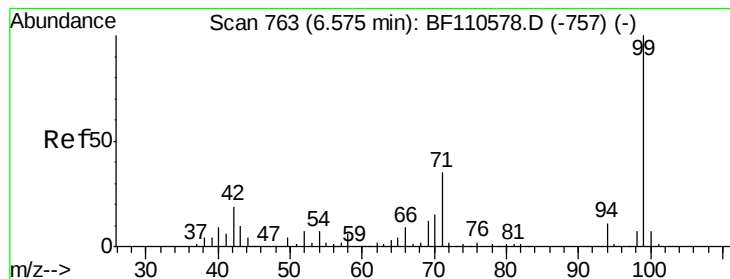
2-Fluorophenol
 Concen: 100.314 ng
 RT: 5.56 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF110932.D
 Acq: 21 Nov 2018 17:00

Tgt Ion:112 Resp: 356306
 Ion Ratio Lower Upper
 112 100
 64 59.6 44.1 66.1
 63 32.0 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: 98.398 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110932.D

Acq: 21 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-A

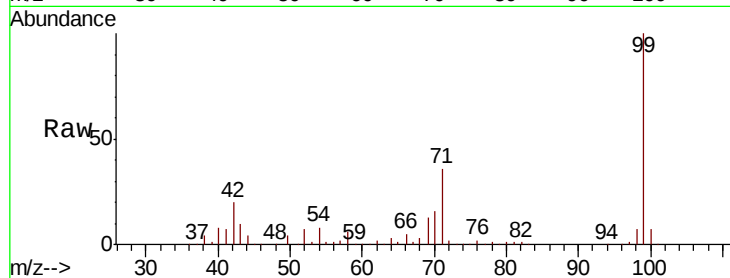
Tgt Ion: 99 Resp: 446924

Ion Ratio Lower Upper

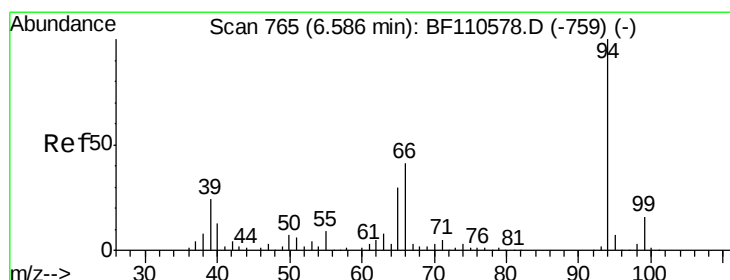
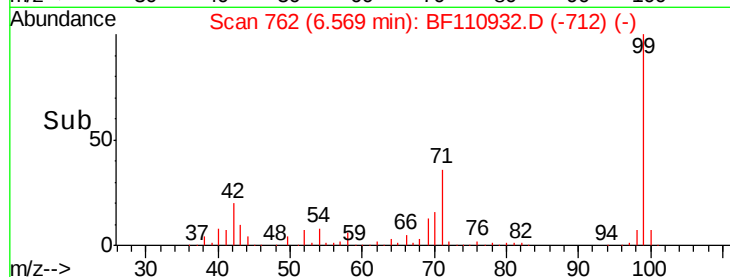
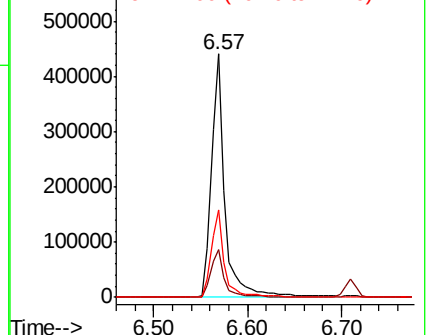
99 100

42 19.7 15.8 23.6

71 35.9 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



#10

Phenol

Concen: 4.708 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110932.D

Acq: 21 Nov 2018 17:00

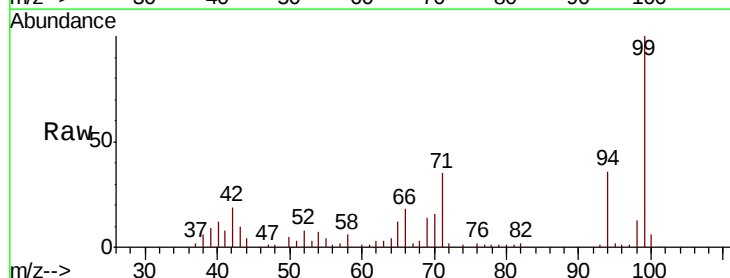
Tgt Ion: 94 Resp: 24797

Ion Ratio Lower Upper

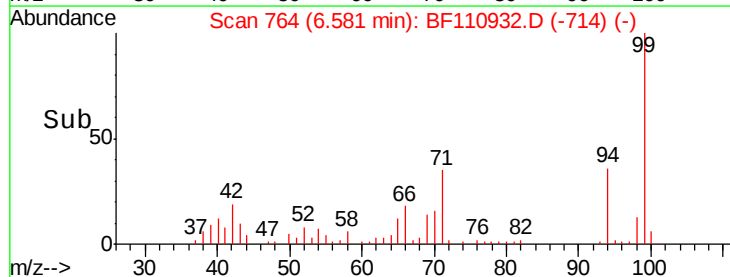
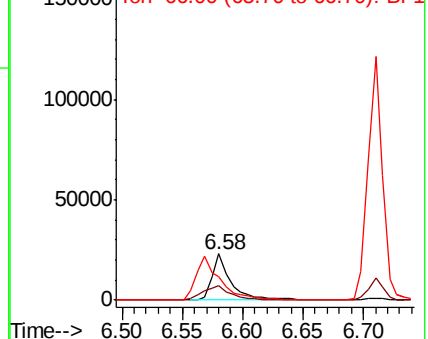
94 100

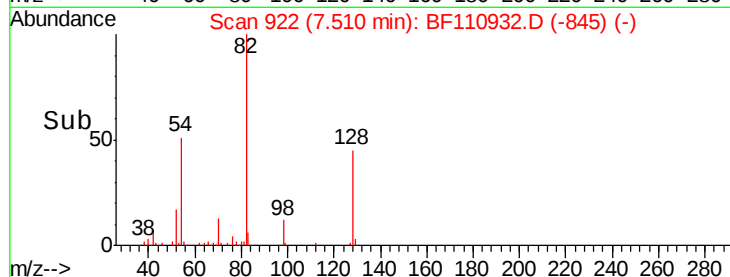
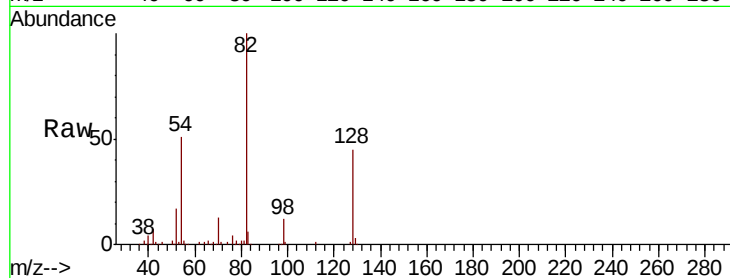
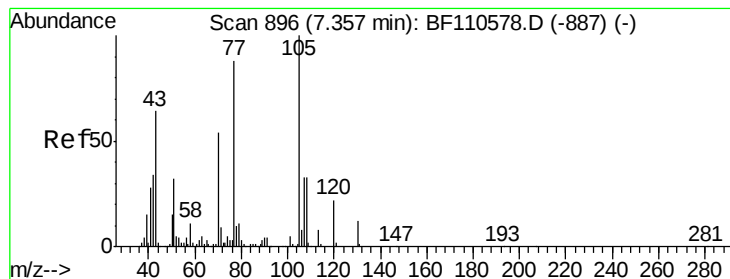
65 31.9 25.3 65.3

66 50.8 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





#19

n-Nitroso-di-n-propylamine

Concen: 13.116 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110932.D

Acq: 21 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-A

Tgt Ion: 70 Resp: 38028

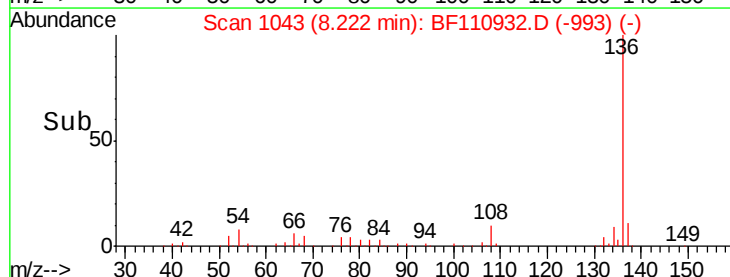
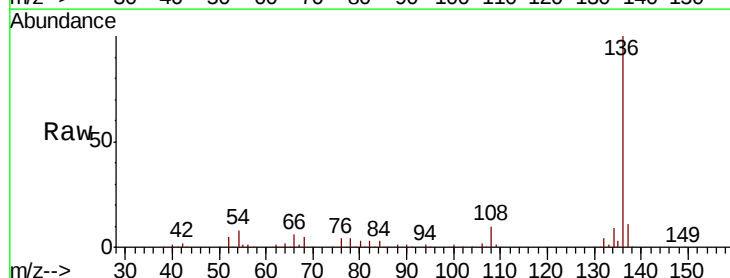
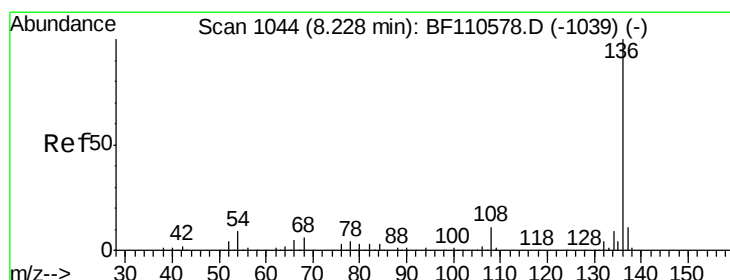
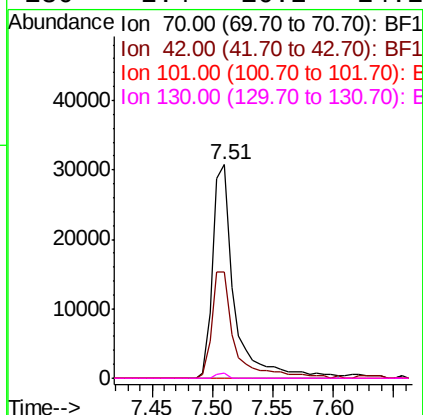
Ion Ratio Lower Upper

70 100

42 49.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110932.D

Acq: 21 Nov 2018 17:00

Tgt Ion: 136 Resp: 236829

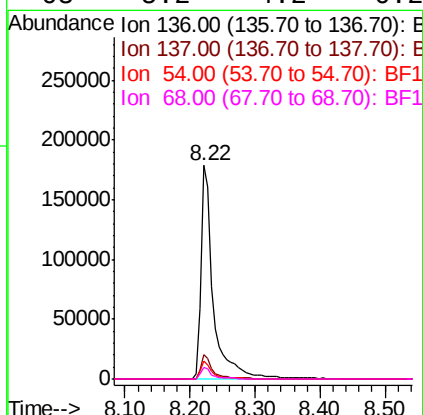
Ion Ratio Lower Upper

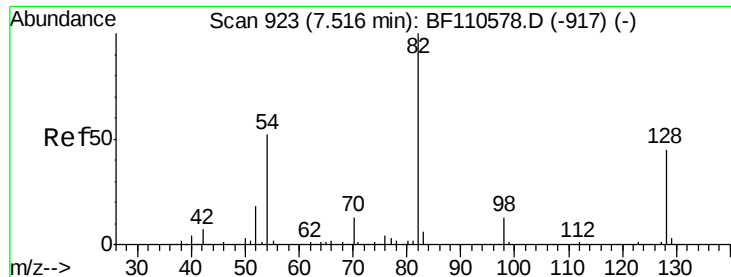
136 100

137 11.4 8.8 13.2

54 8.4 5.4 8.2#

68 5.2 4.2 6.2

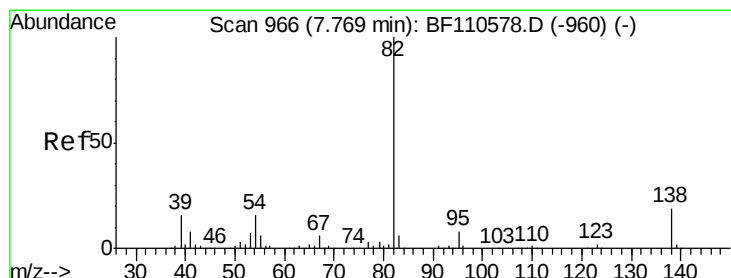
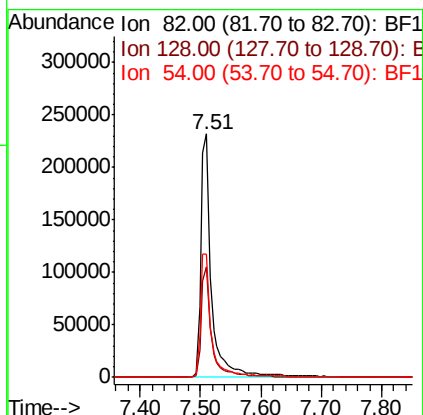
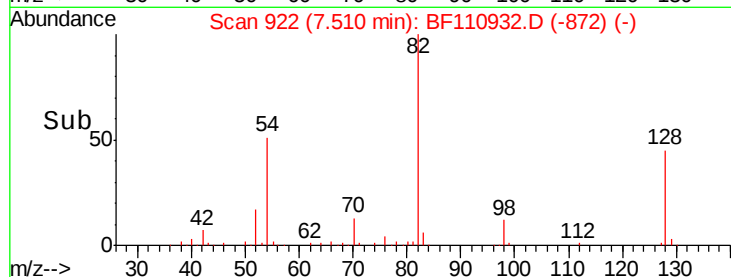
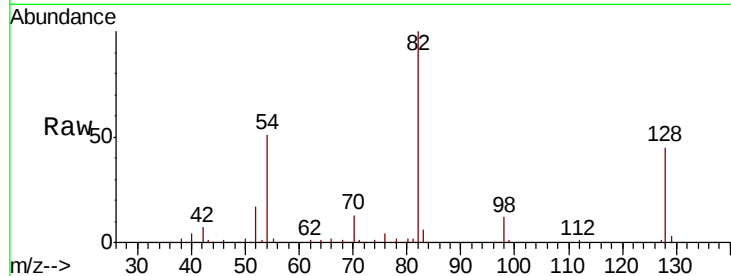




#23
Nitrobenzene-d5
Concen: 70.322 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

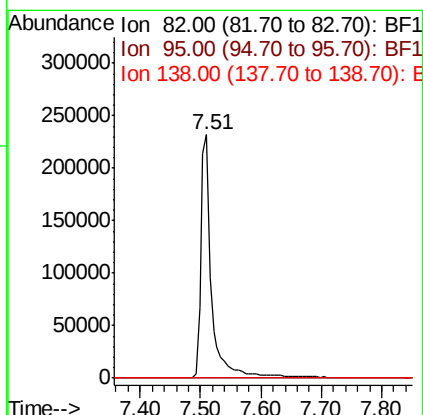
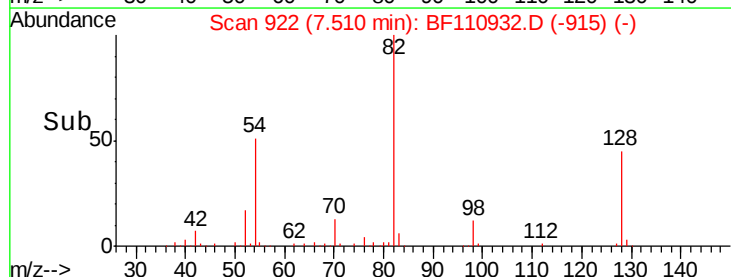
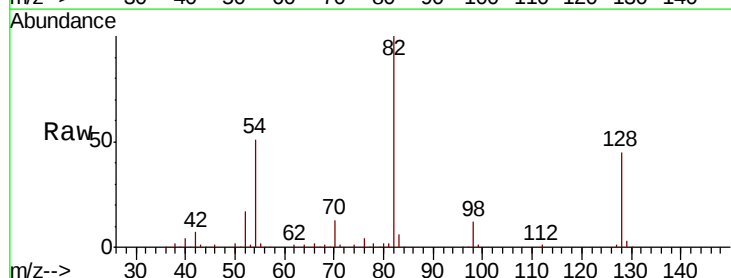
Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

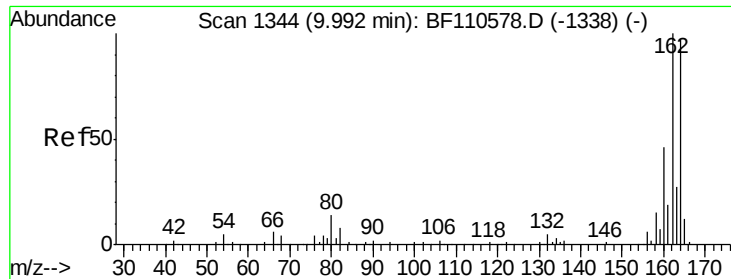
Tgt Ion: 82 Resp: 289190
Ion Ratio Lower Upper
82 100
128 45.5 34.2 51.2
54 50.9 38.6 58.0



#25
Isophorone
Concen: 42.905 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion: 82 Resp: 289190
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110932.D

Acq: 21 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-A

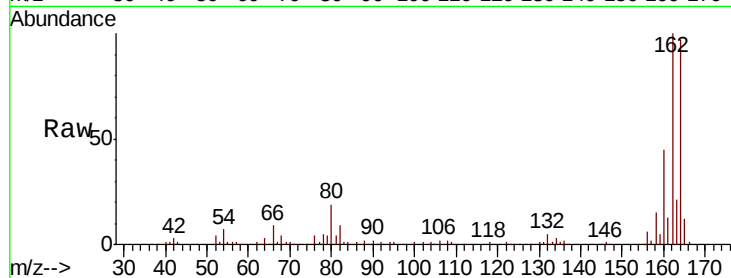
Tgt Ion:164 Resp: 104717

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

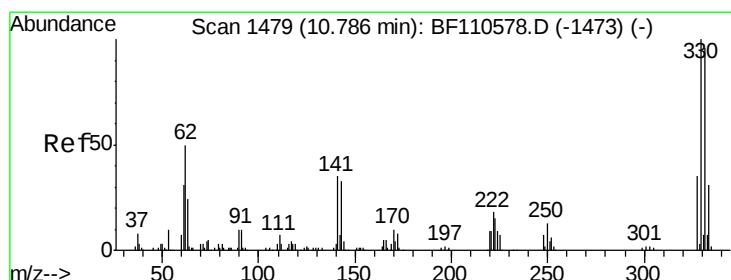
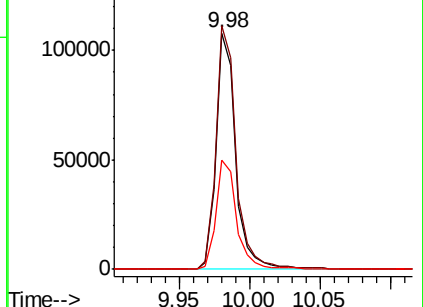
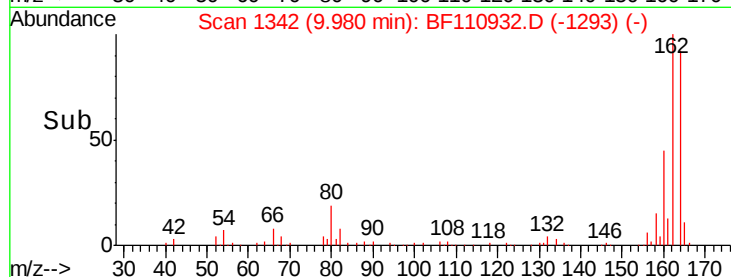
160 46.4 37.0 55.6



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: 88.338 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110932.D

Acq: 21 Nov 2018 17:00

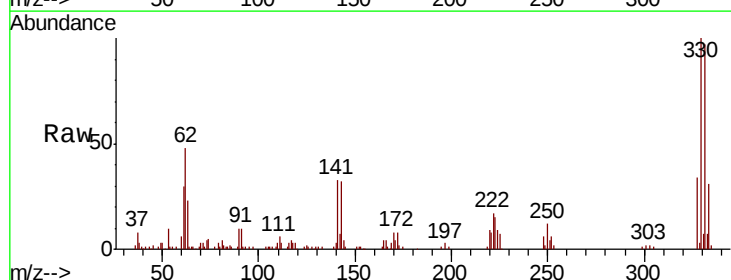
Tgt Ion:330 Resp: 93210

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

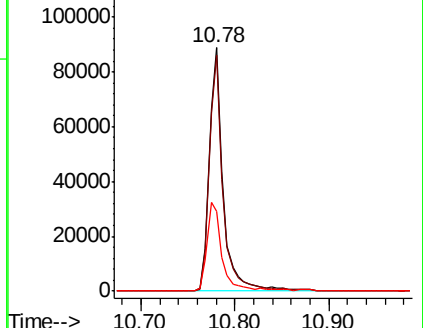
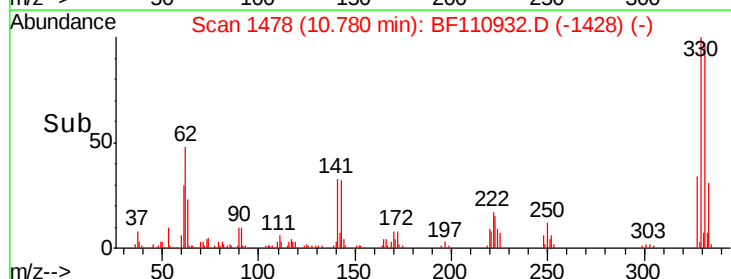
141 38.8 27.0 40.4

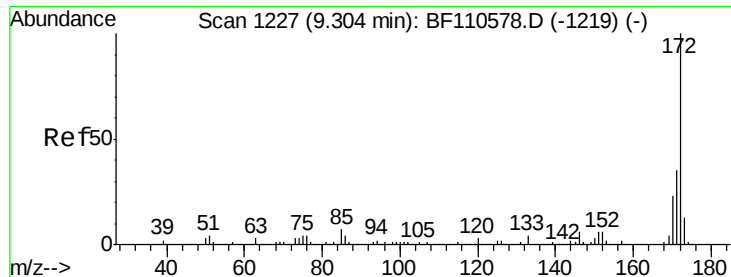


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

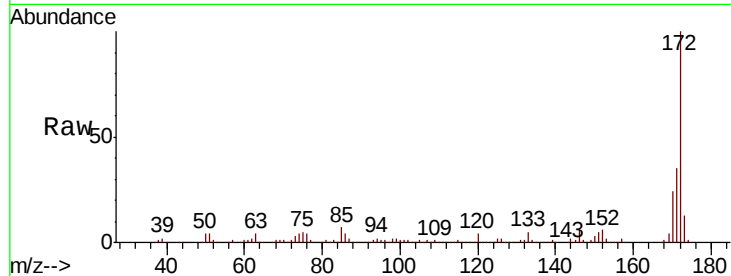




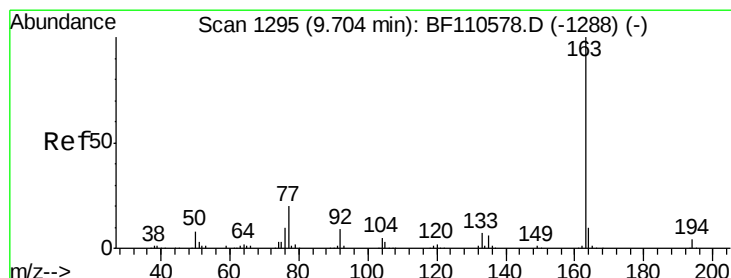
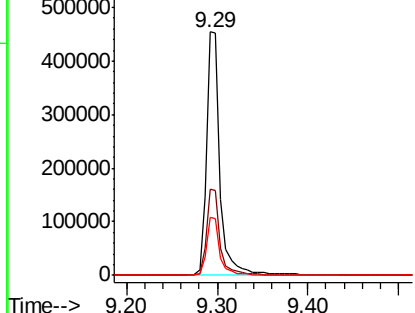
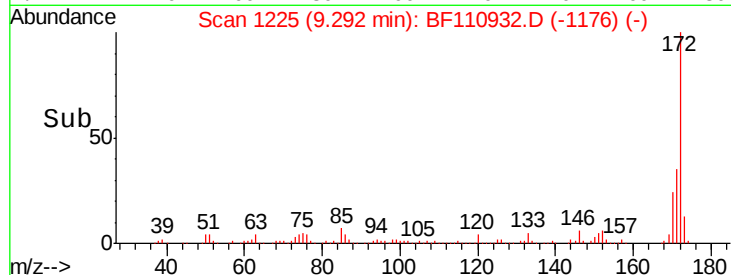
#45
 2-Fluorobiphenyl
 Concen: 65.997 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110932.D
 Acq: 21 Nov 2018 17:00

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

Tgt Ion:172 Resp: 483902
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.7 19.7 29.5

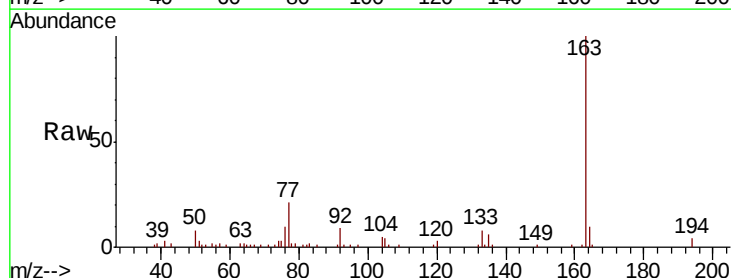


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

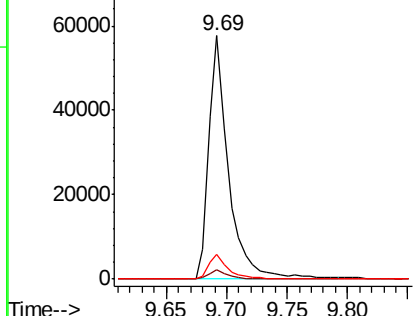
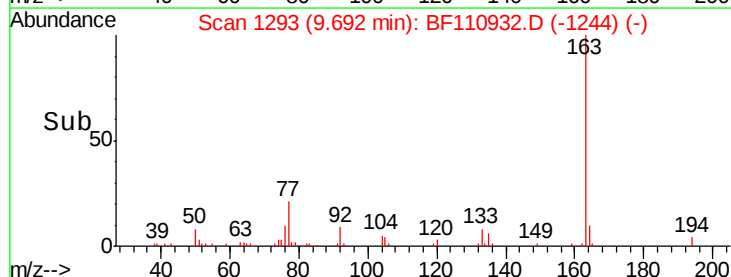


#50
 Dimethylphthalate
 Concen: 8.336 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110932.D
 Acq: 21 Nov 2018 17:00

Tgt Ion:163 Resp: 65137
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 10.1 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

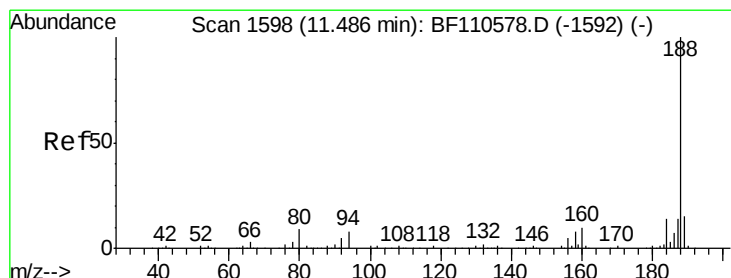
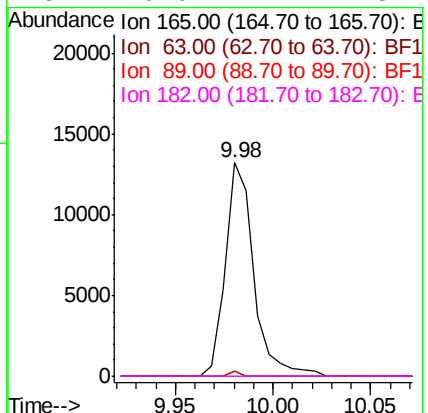
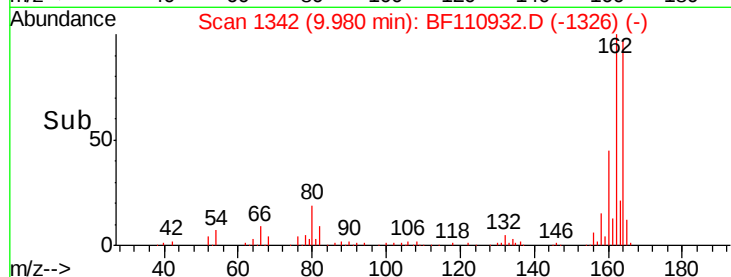
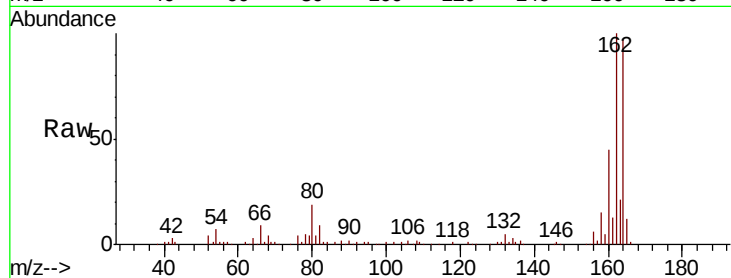




#57
 2,4-Dinitrotoluene
 Concen: 5.954 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110932.D
 Acq: 21 Nov 2018 17:00

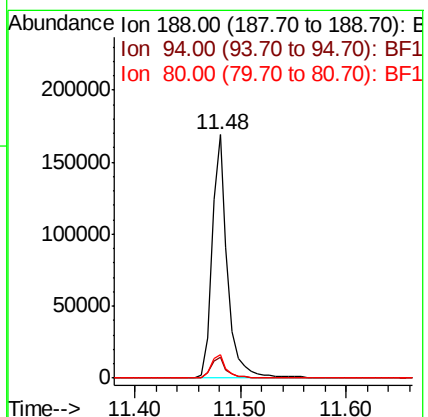
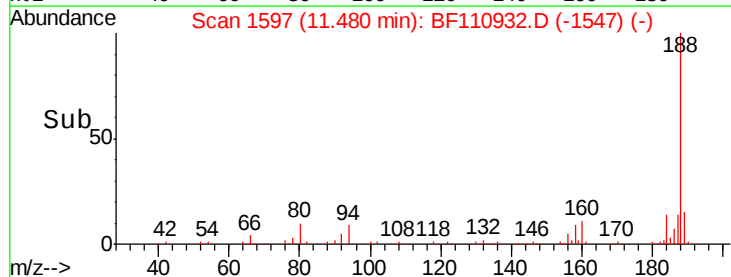
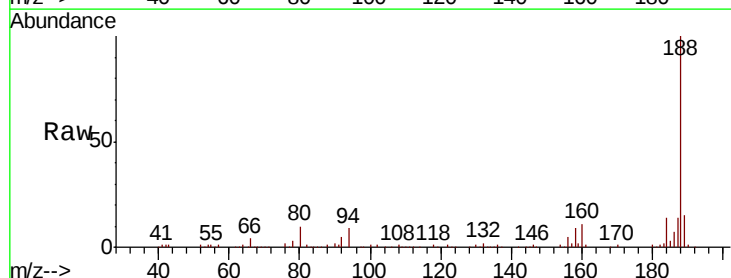
Instrument :
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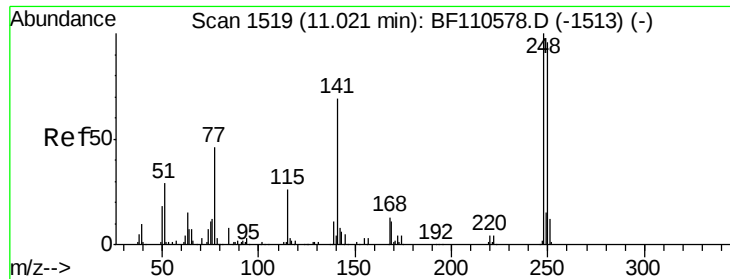
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.8	67.2#
89	2.4	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110932.D
 Acq: 21 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.6	7.9	11.9

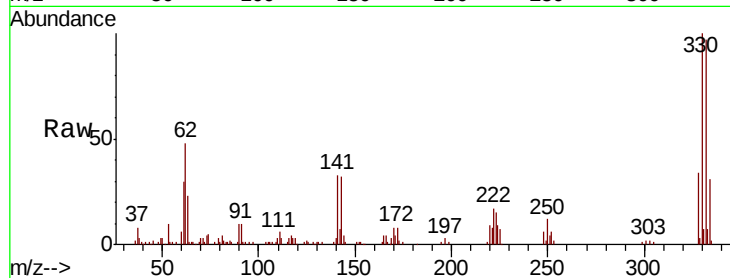




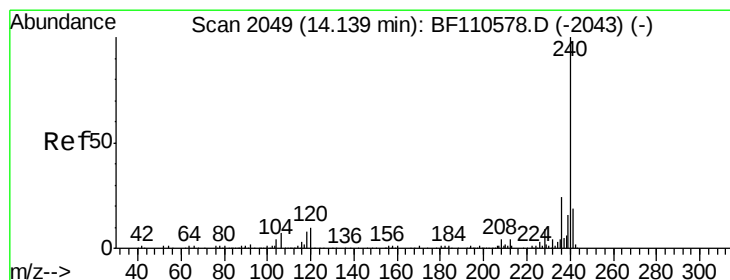
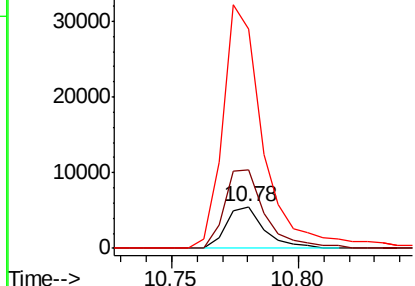
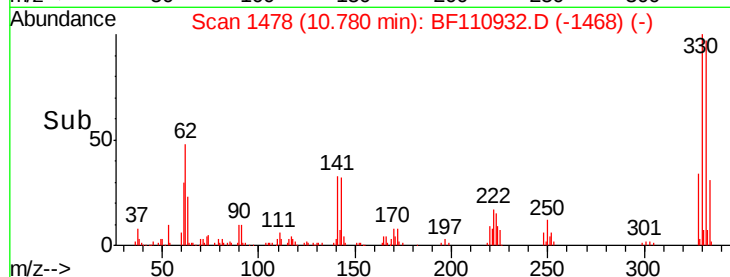
#67
 4-Bromophenyl-phenylether
 Concen: 2.982 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110932.D
 Acq: 21 Nov 2018 17:00

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

Tgt Ion:248 Resp: 5664
 Ion Ratio Lower Upper
 248 100
 250 188.5 79.4 119.2#
 141 529.2 55.9 83.9#

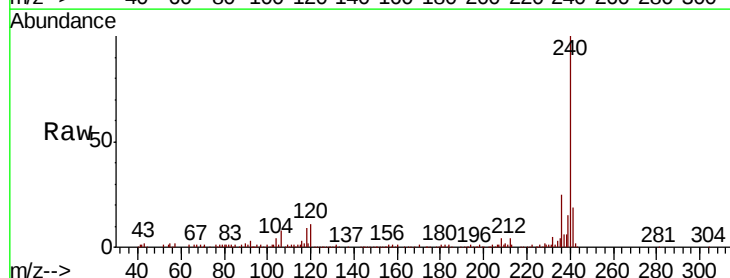


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

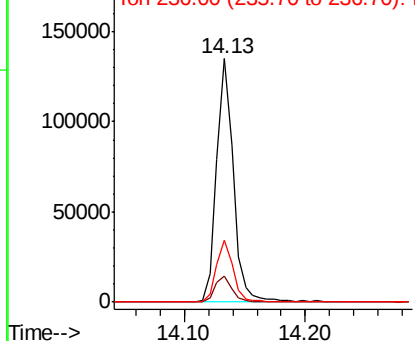
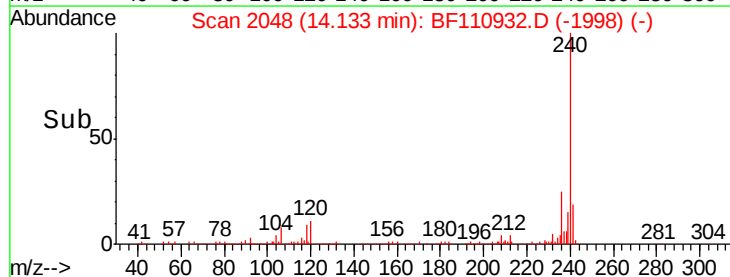


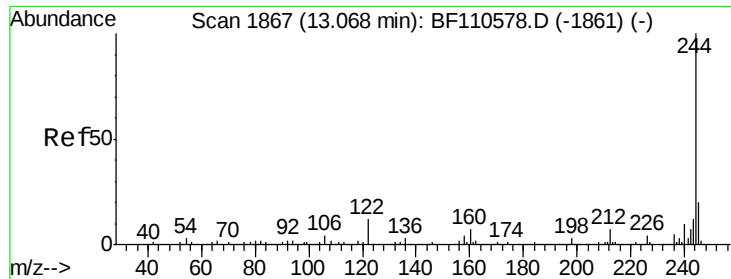
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110932.D
 Acq: 21 Nov 2018 17:00

Tgt Ion:240 Resp: 128884
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.4 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





#79

Terphenyl-d14

Concen: 48.627 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110932.D

Acq: 21 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-A

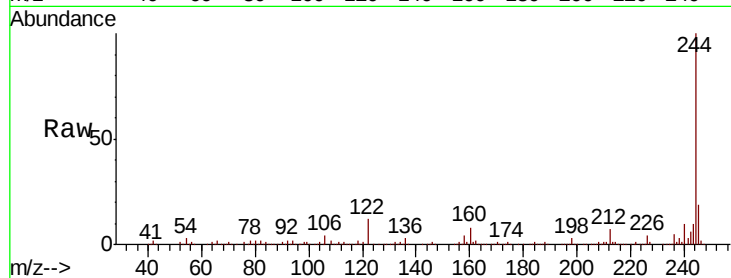
Tgt Ion:244 Resp: 334650

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

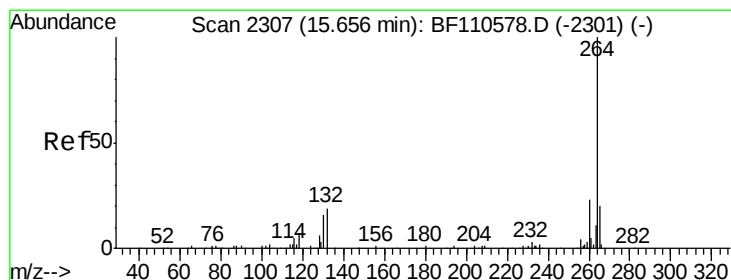
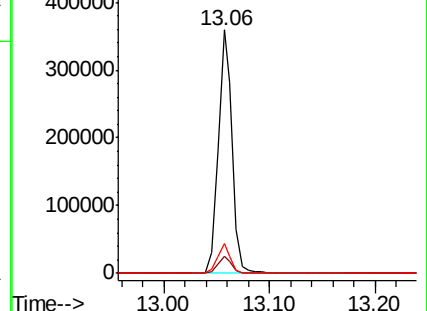
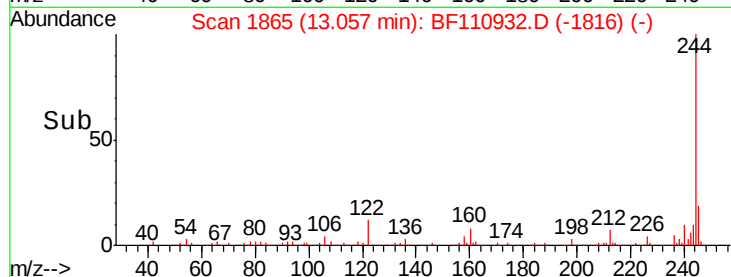
122 12.2 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110932.D

Acq: 21 Nov 2018 17:00

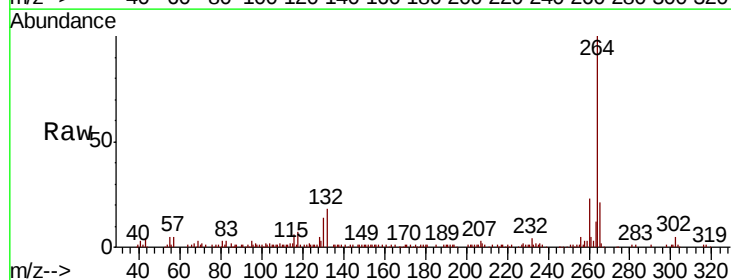
Tgt Ion:264 Resp: 103917

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 21.4 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

