

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110988.D
 Acq On : 27 Nov 2018 3:26
 Operator : JU/SJ
 Sample : J6061-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Nov 27 06:32:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 03:04:49 2018
 Response via : Initial Calibration

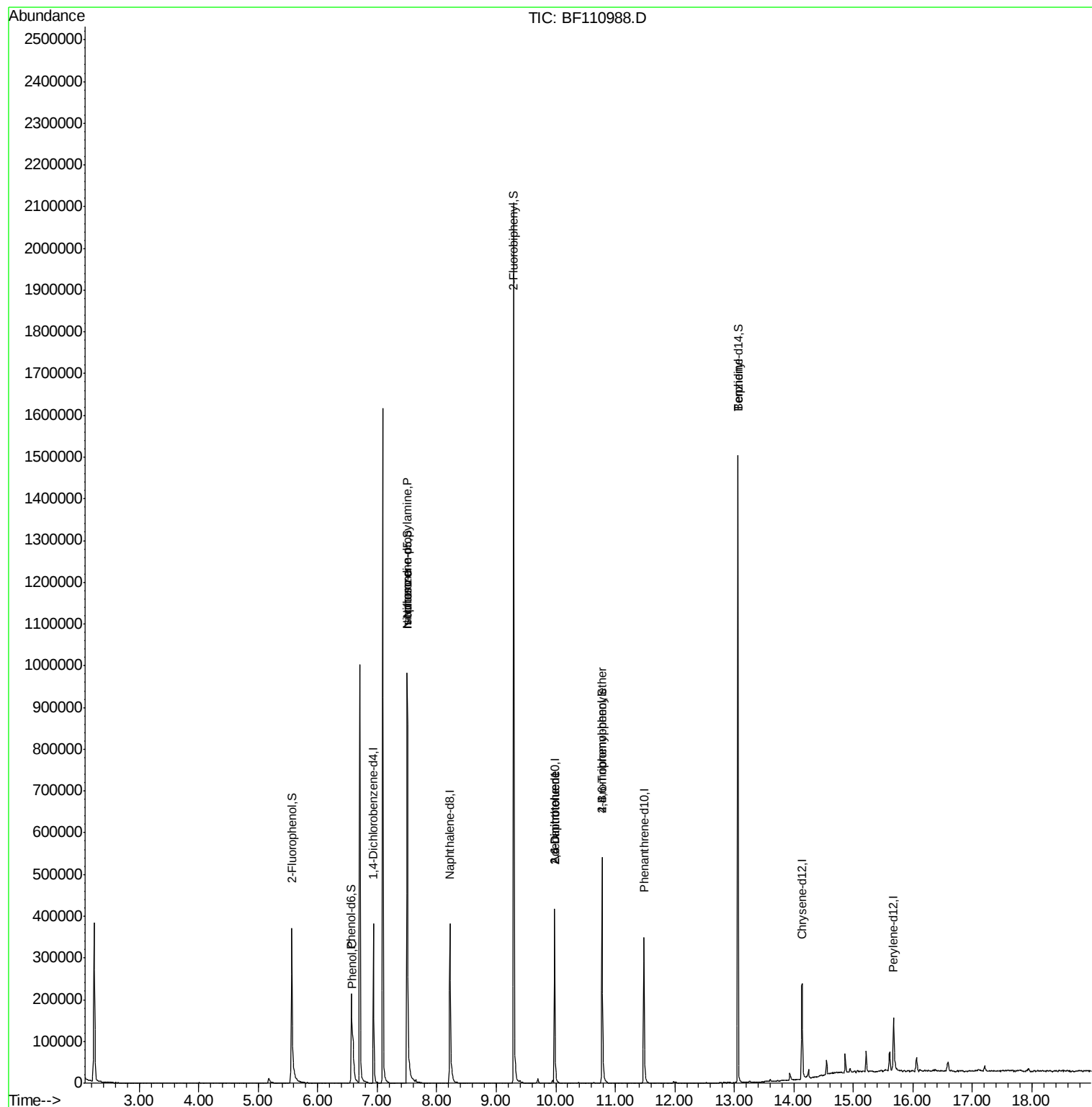
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64095	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	238697	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	94250	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	168341	20.00	ng	0.00
76) Chrysene-d12	14.14	240	103080	20.00	ng	0.00
87) Perylene-d12	15.67	264	78884	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	157369	40.72	ng	0.00
7) Phenol-d6	6.57	99	111715	22.18	ng	-0.02
23) Nitrobenzene-d5	7.50	82	385299	92.38	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	76271	81.48	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	664332	102.12	ng	0.00
79) Terphenyl-d14	13.06	244	549761	103.82	ng	0.00
Target Compounds						
10) Phenol	6.59	94	13833	2.439	ng	82
19) n-Nitroso-di-n-propylamine	7.50	70	50744	15.466	ng	# 83
25) Isophorone	7.50	82	385297	56.317	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	11428	7.426	ng	# 23
57) 2,4-Dinitrotoluene	9.98	165	11428	5.724	ng	# 19
67) 4-Bromophenyl-phenylether	10.77	248	4621	2.520	ng	# 1
77) Benzidine	13.06	184	7184	2.725	ng	# 92

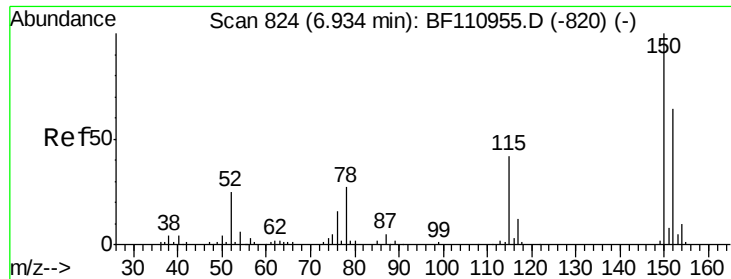
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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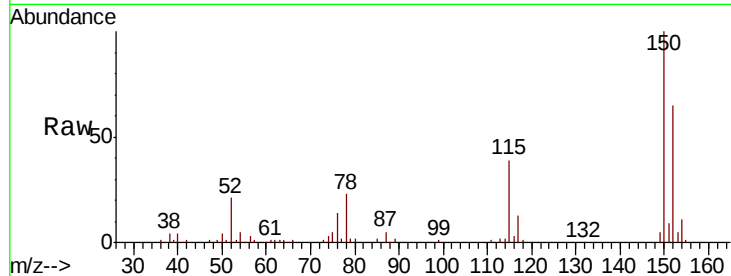


#1

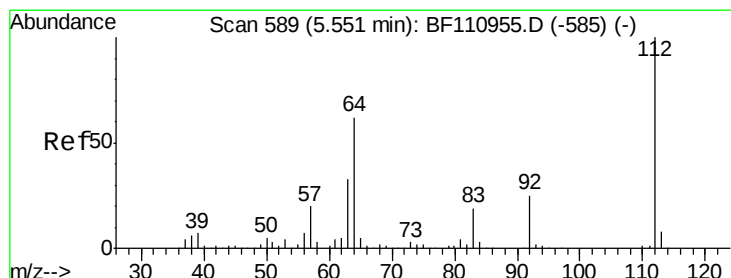
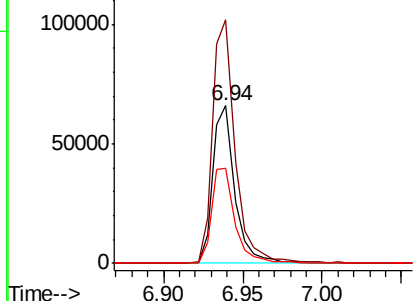
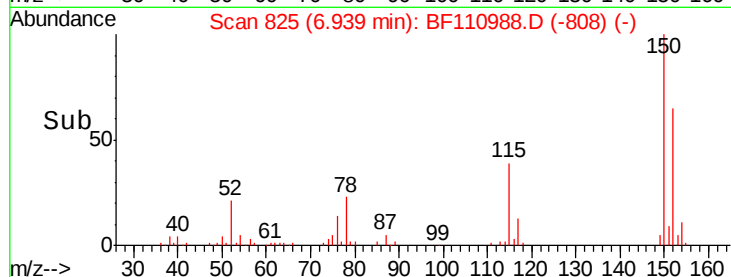
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 64095
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 60.4 49.1 73.7



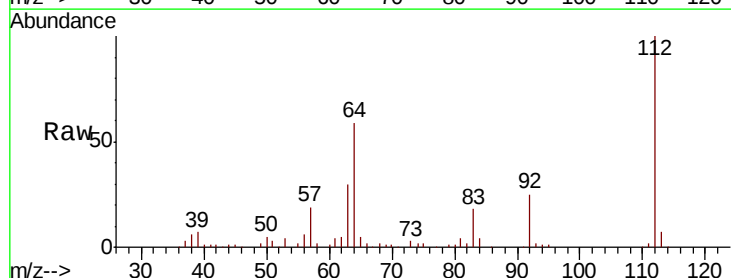
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



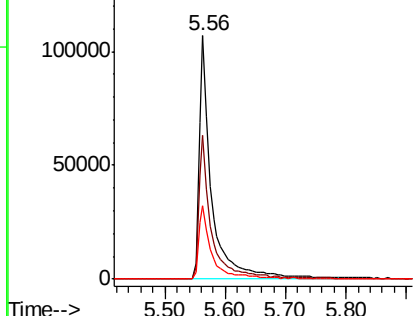
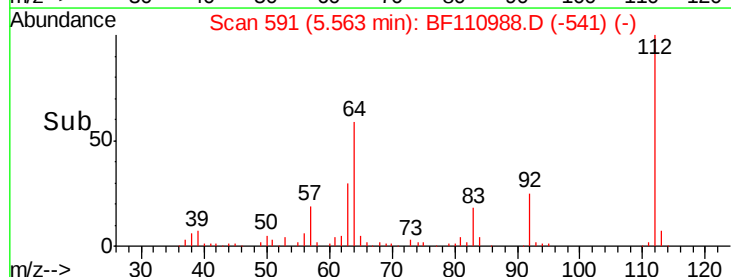
#5

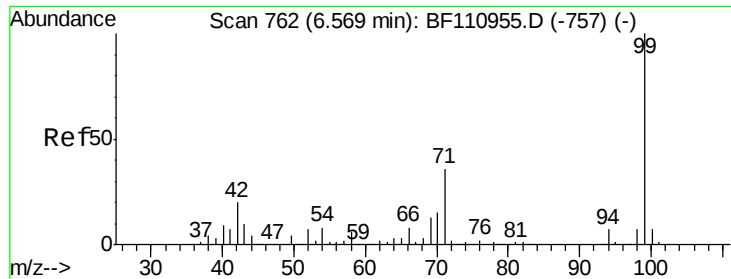
2-Fluorophenol
Concen: 40.716 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

Tgt Ion:112 Resp: 157369
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 30.3 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: 22.180 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF110988.D

Acq: 27 Nov 2018 3:26

Instrument :

BNA_F

ClientSampleId :

DFTPP

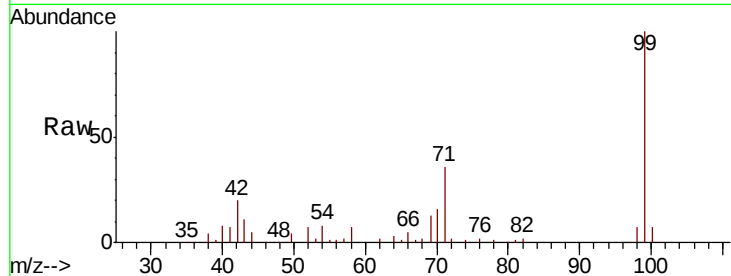
Tgt Ion: 99 Resp: 111715

Ion Ratio Lower Upper

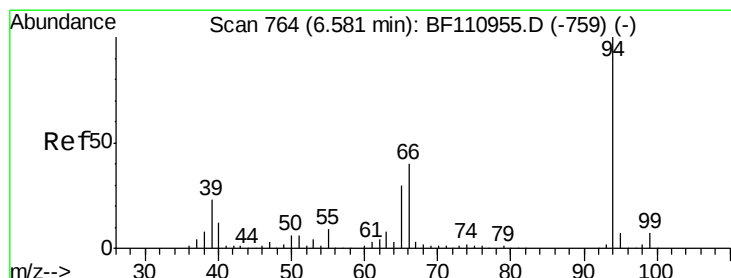
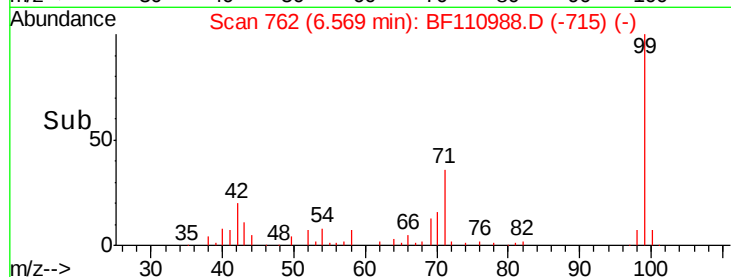
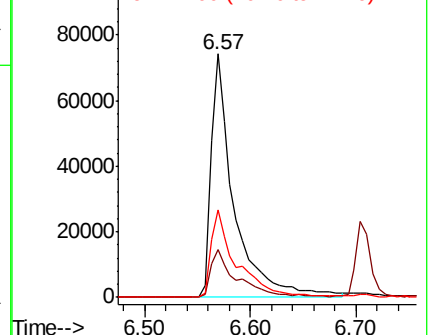
99 100

42 19.9 15.8 23.6

71 36.0 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



#10

Phenol

Concen: 2.439 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110988.D

Acq: 27 Nov 2018 3:26

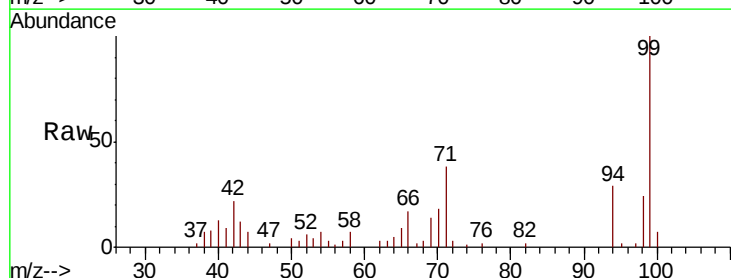
Tgt Ion: 94 Resp: 13833

Ion Ratio Lower Upper

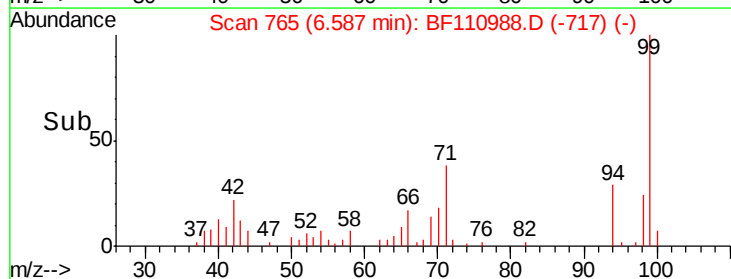
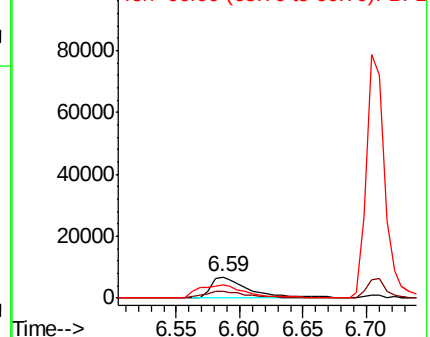
94 100

65 32.4 25.3 65.3

66 60.0 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

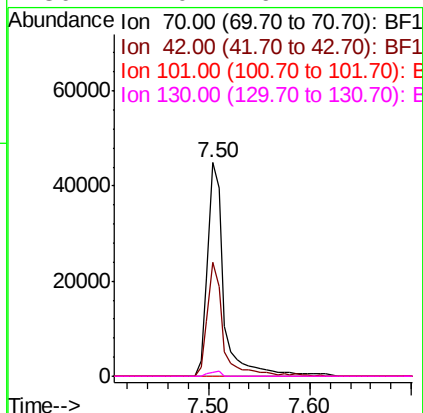
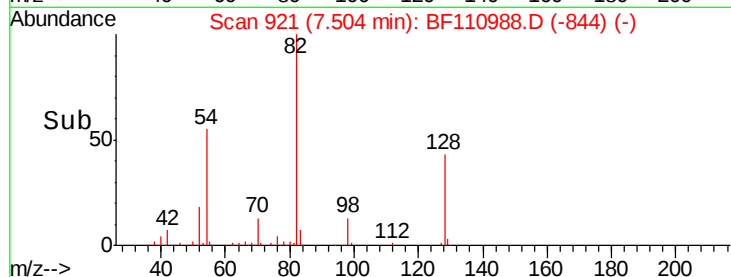
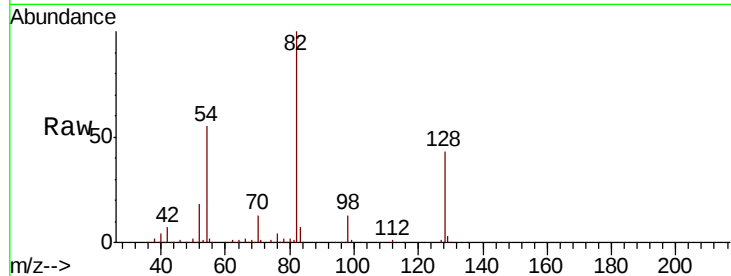




#19
n-Nitroso-di-n-propylamine
Concen: 15.466 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

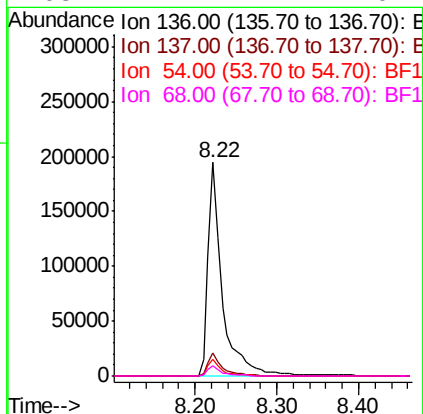
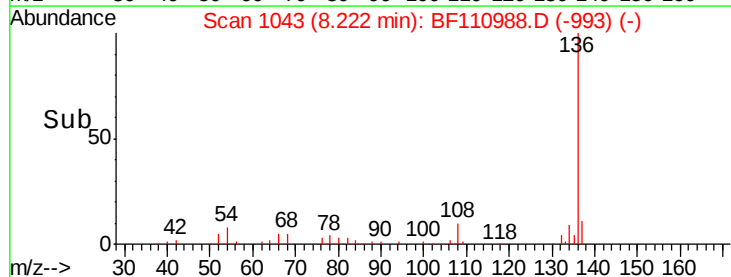
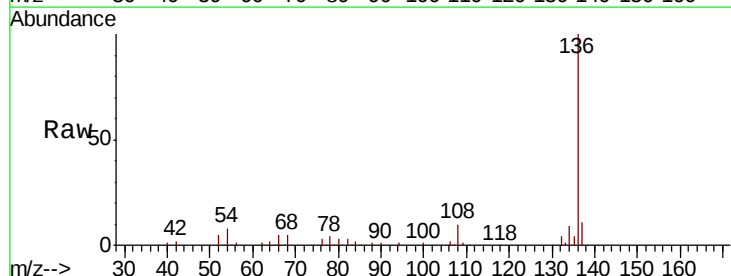
Instrument :
BNA_F
ClientSampleId :
DFTPP

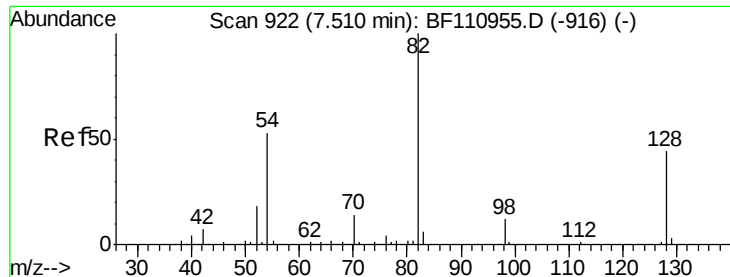
Tgt Ion: 70 Resp: 50744
Ion Ratio Lower Upper
70 100
42 53.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

Tgt Ion: 136 Resp: 238697
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 5.4 8.2
68 4.7 4.2 6.2

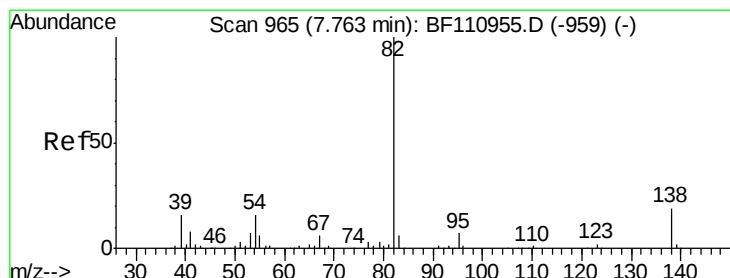
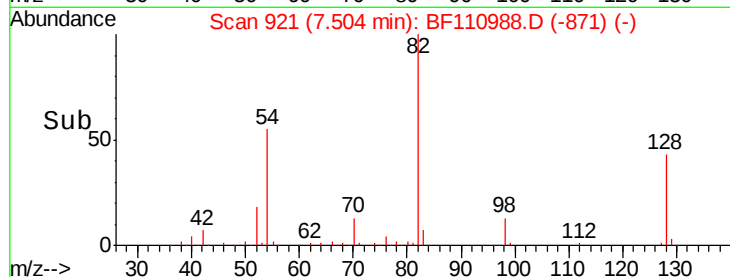
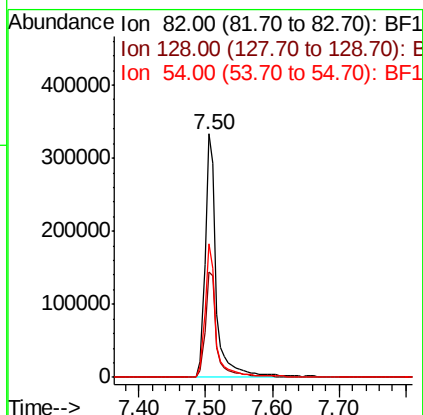
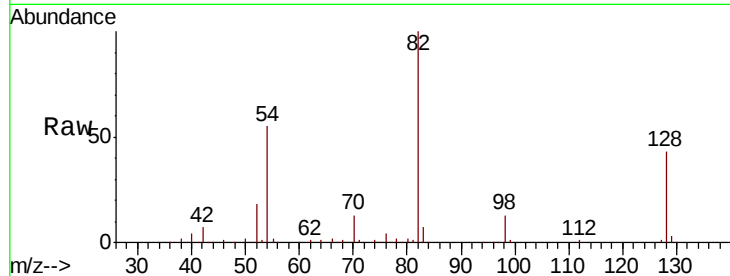




#23
 Nitrobenzene-d5
 Concen: 92.380 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110988.D
 Acq: 27 Nov 2018 3:26

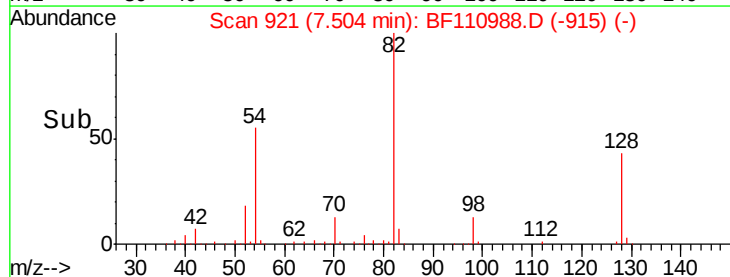
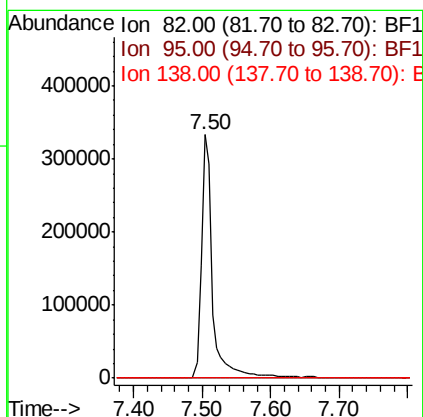
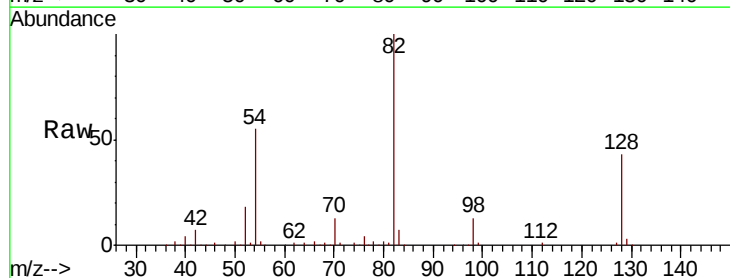
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

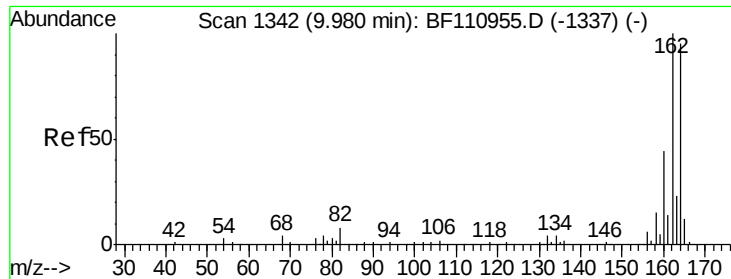
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.2	51.2
54	54.6	38.6	58.0



#25
 Isophorone
 Concen: 56.317 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110988.D
 Acq: 27 Nov 2018 3:26

Tgt 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. 0.00 min

Lab File: BF110988.D

Acq: 27 Nov 2018 3:26

Instrument :

BNA_F

ClientSampleId :

DFTPP

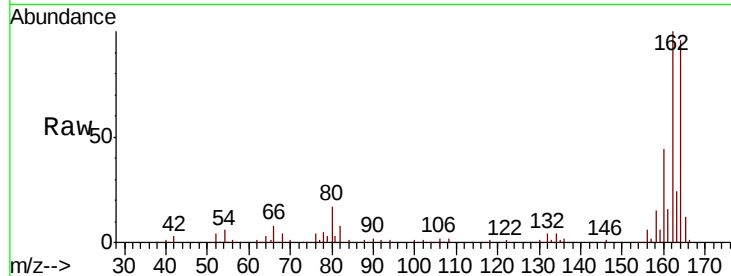
Tgt Ion:164 Resp: 94250

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

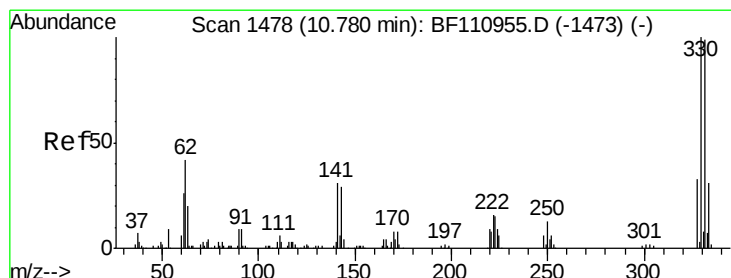
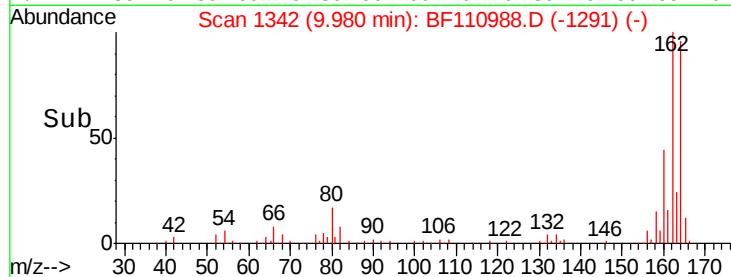
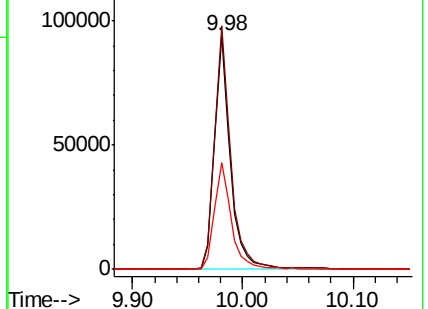
160 45.6 37.0 55.6



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: 81.483 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF110988.D

Acq: 27 Nov 2018 3:26

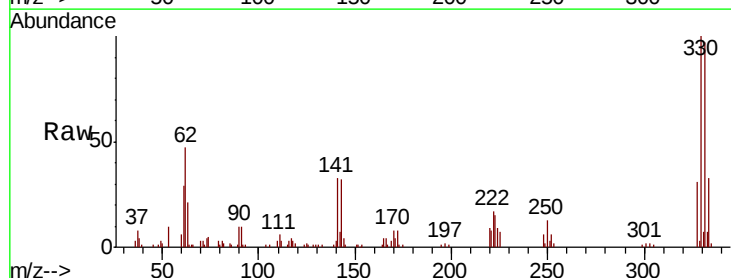
Tgt Ion:330 Resp: 76271

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

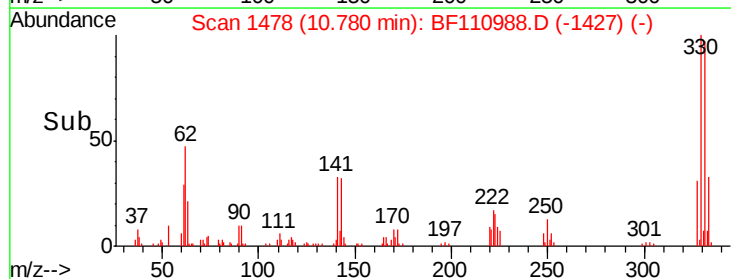
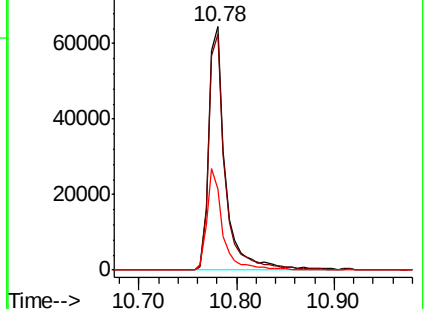
141 39.5 27.0 40.4



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

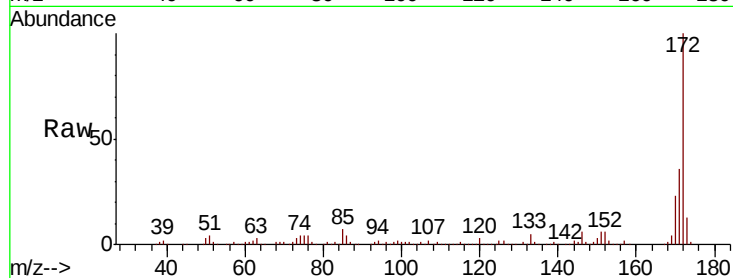




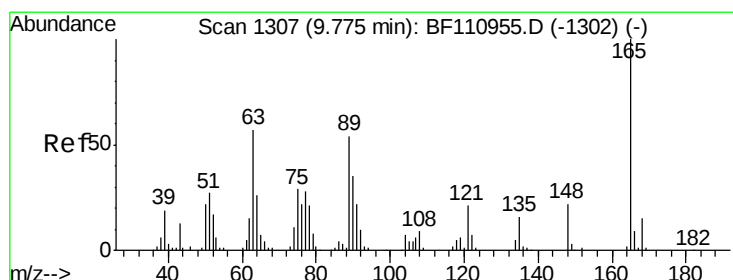
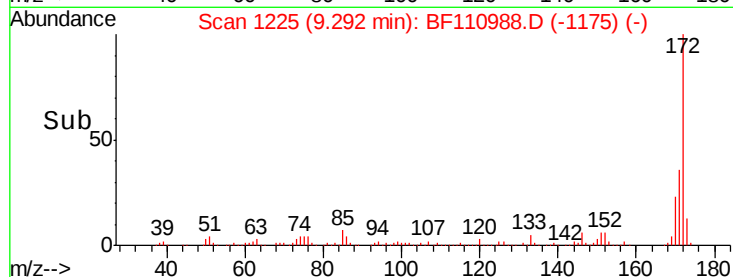
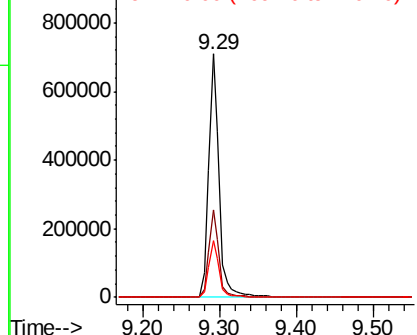
#45
 2-Fluorobiphenyl
 Concen: 102.118 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110988.D
 Acq: 27 Nov 2018 3:26

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 664332
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.5 19.7 29.5

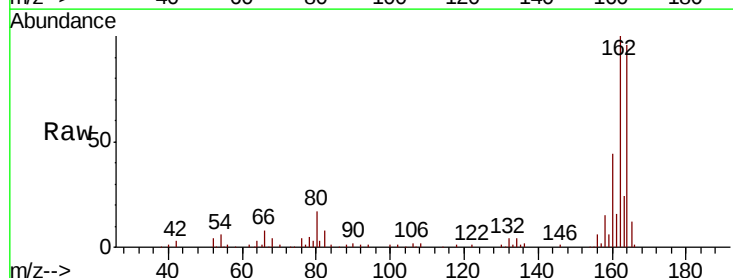


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

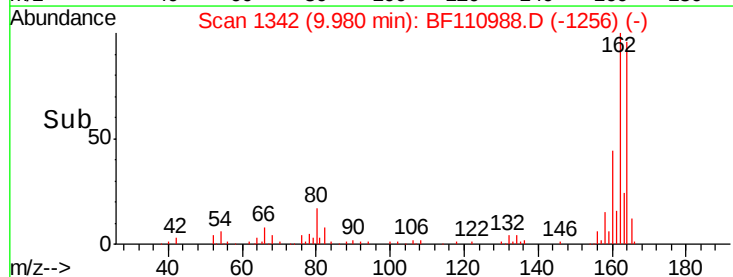
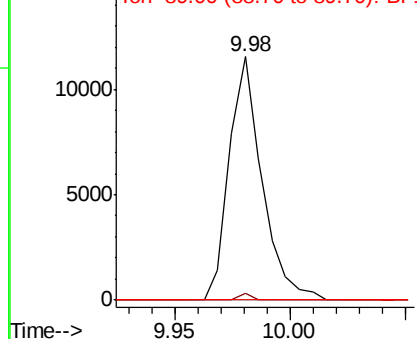


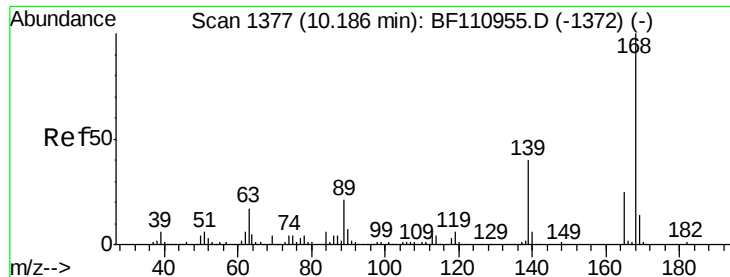
#51
 2,6-Dinitrotoluene
 Concen: 7.426 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110988.D
 Acq: 27 Nov 2018 3:26

Tgt Ion:165 Resp: 11428
 Ion Ratio Lower Upper
 165 100
 63 2.9 48.9 73.3#
 89 0.0 46.6 69.8#



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

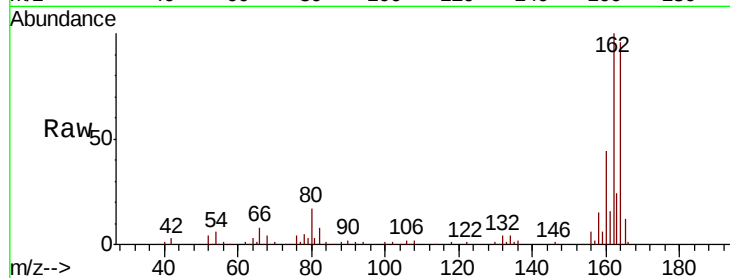




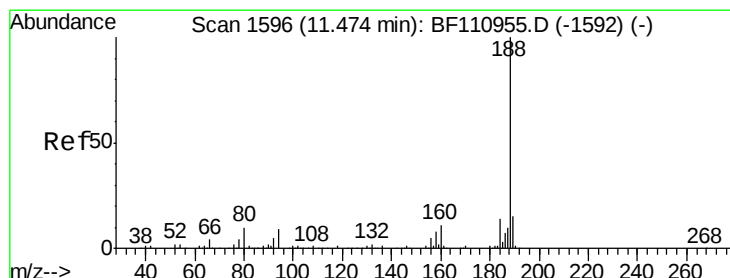
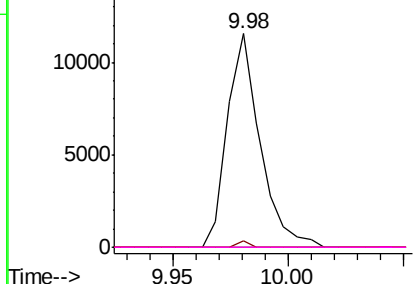
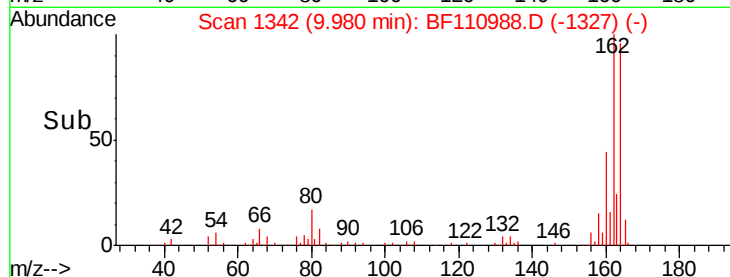
#57
2,4-Dinitrotoluene
Concen: 5.724 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:165 Resp: 11428
Ion Ratio Lower Upper
165 100
63 2.9 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#

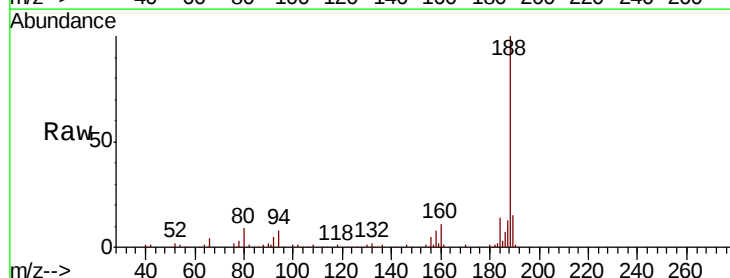


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

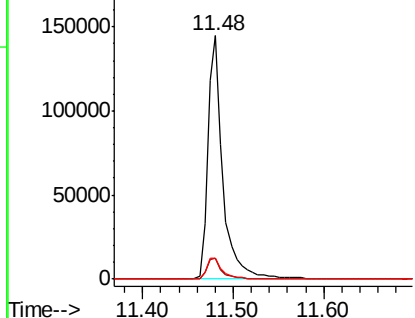
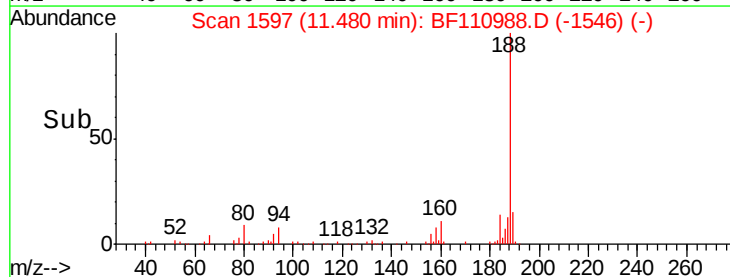


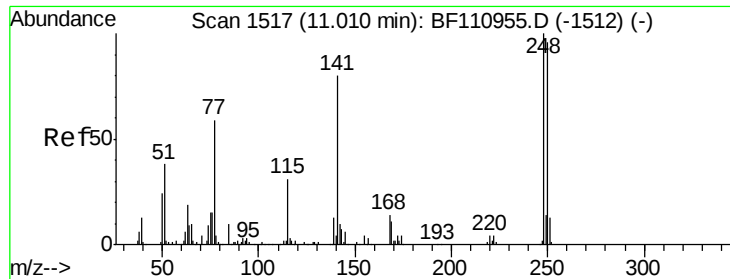
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

Tgt Ion:188 Resp: 168341
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.7 7.9 11.9



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

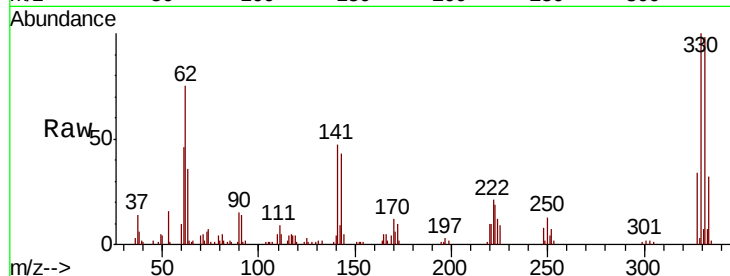




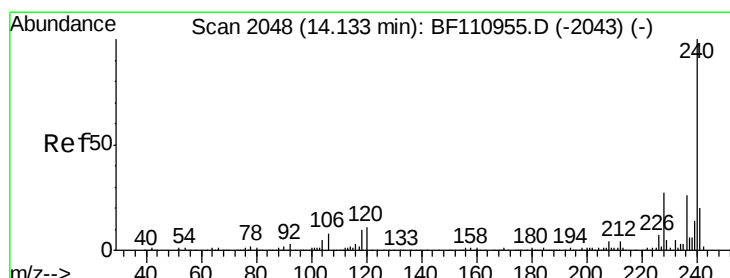
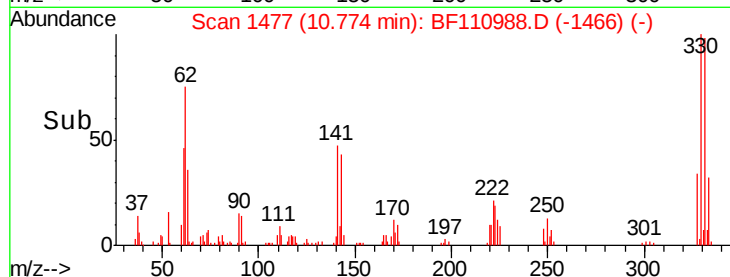
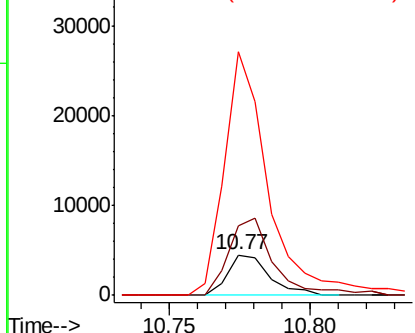
#67
4-Bromophenyl-phenylether
Concen: 2.520 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.24 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:248 Resp: 4621
Ion Ratio Lower Upper
248 100
250 173.3 79.4 119.2#
141 602.5 55.9 83.9#

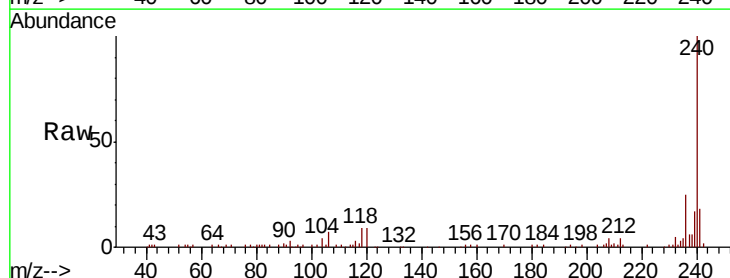


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

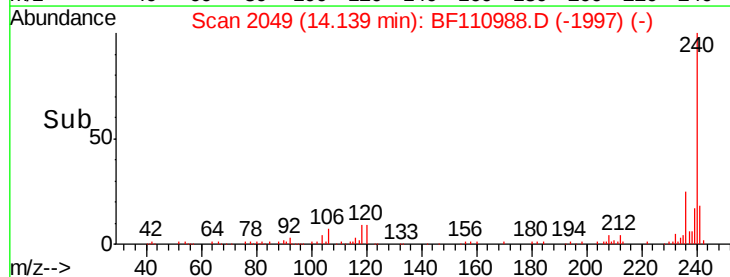
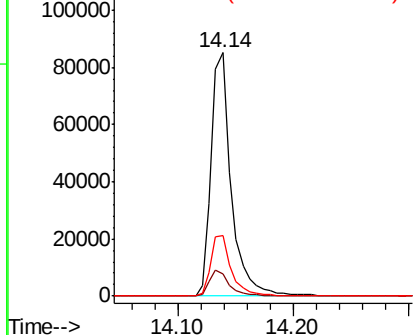


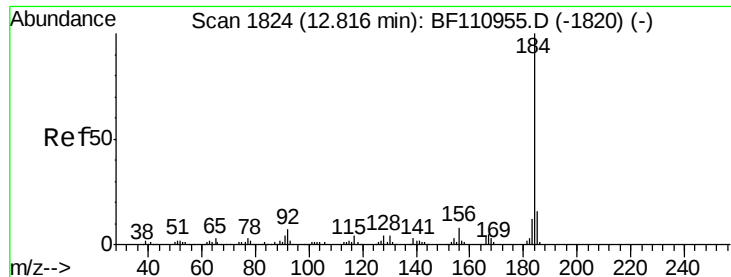
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

Tgt Ion:240 Resp: 103080
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 25.1 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





#77

Benzidine

Concen: 2.725 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110988.D

Acq: 27 Nov 2018 3:26

Instrument :

BNA_F

ClientSampleId :

DFTPP

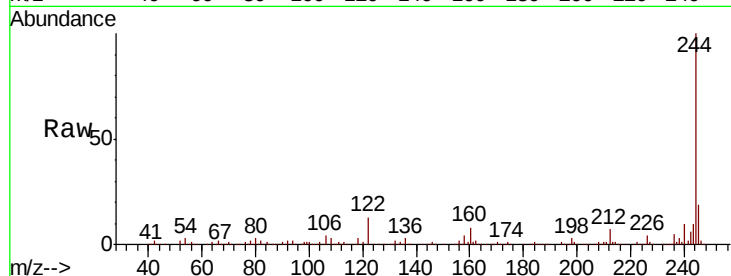
Tgt Ion:184 Resp: 7184

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.2

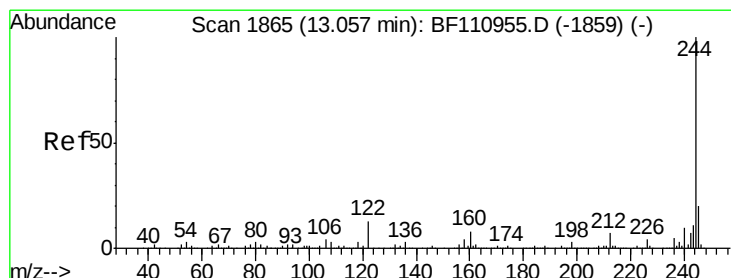
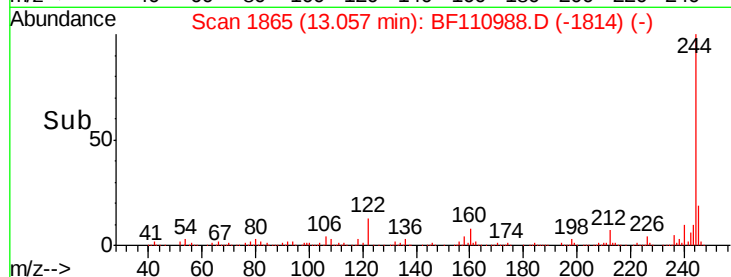
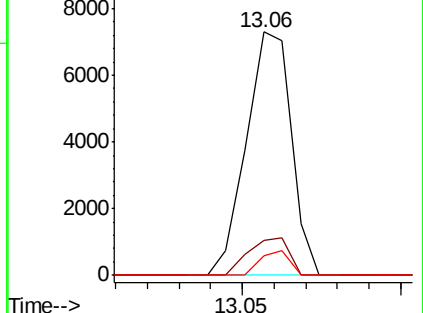
183 8.0 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 103.821 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF110988.D

Acq: 27 Nov 2018 3:26

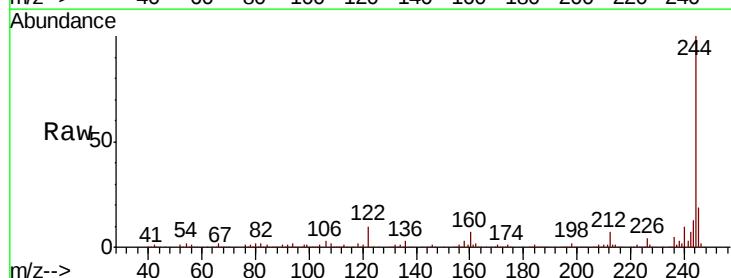
Tgt Ion:244 Resp: 549761

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

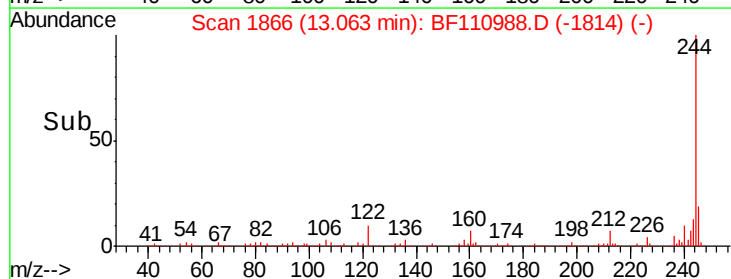
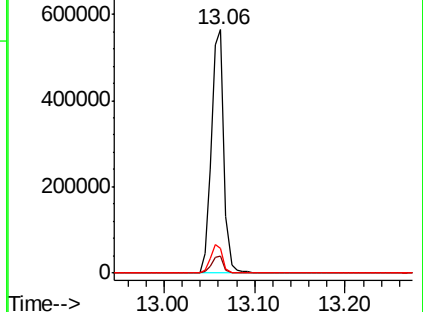
122 10.1 8.7 13.1

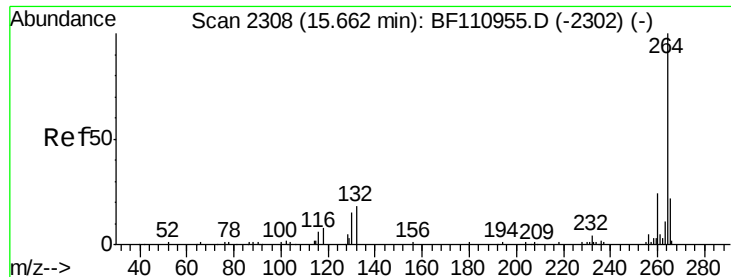


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2310
Delta R.T. 0.01 min
Lab File: BF110988.D
Acq: 27 Nov 2018 3:26

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 78884
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 20.1 16.7 25.1

