

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110450.D
 Acq On : 3 Nov 2018 9:52
 Operator : JU/SJ
 Sample : J5789-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:49:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

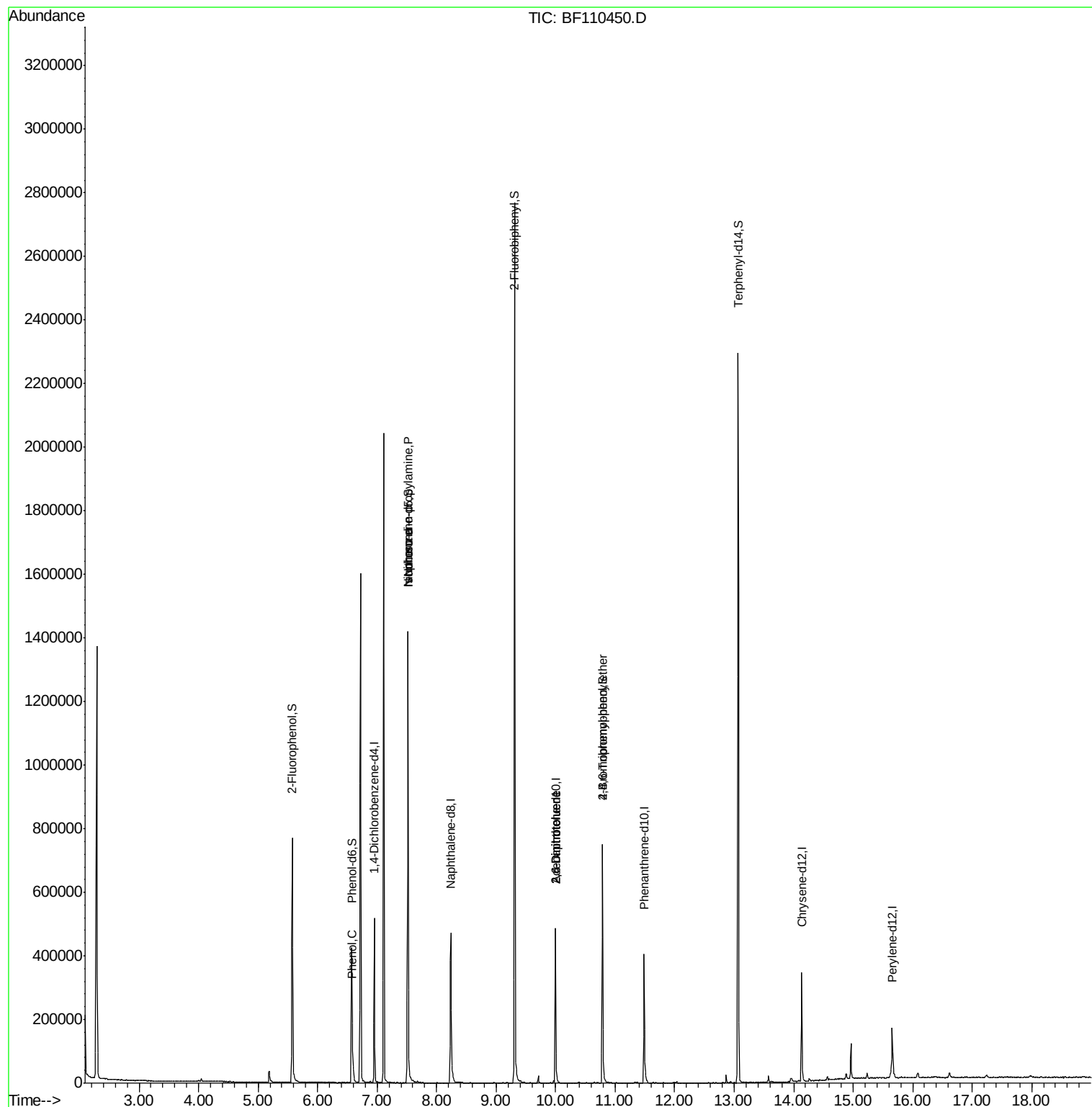
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78333	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	281137	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	111623	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	189856	20.00	ng	0.00
76) Chrysene-d12	14.13	240	127119	20.00	ng	0.00
87) Perylene-d12	15.66	264	91335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	210592	43.78	ng	0.00
7) Phenol-d6	6.57	99	158686	25.79	ng	0.00
23) Nitrobenzene-d5	7.52	82	516480	108.96	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	95159	86.06	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	849801	119.55	ng	0.00
79) Terphenyl-d14	13.07	244	746494	122.13	ng	0.00
Target Compounds						
10) Phenol	6.59	94	17003	2.585	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	67875	17.196	ng	# 78
25) Isophorone	7.52	82	516477	63.923	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	14236	8.021	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	14236	6.315	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	5795	2.814	ng	# 1

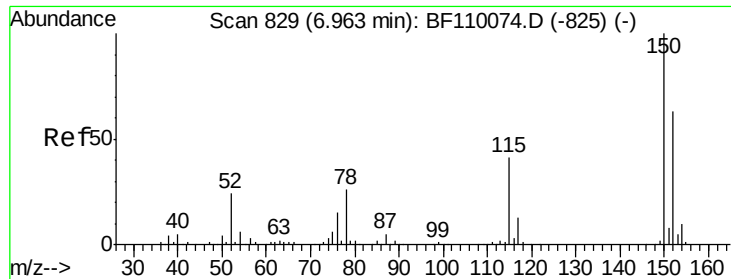
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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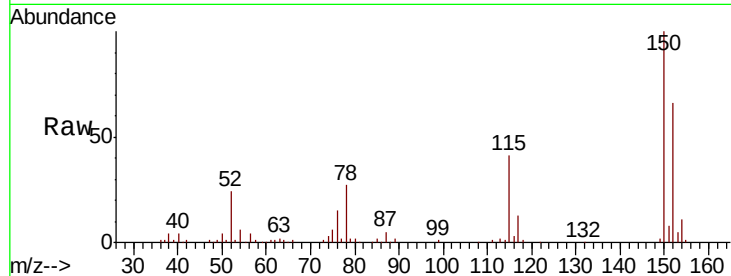


#1

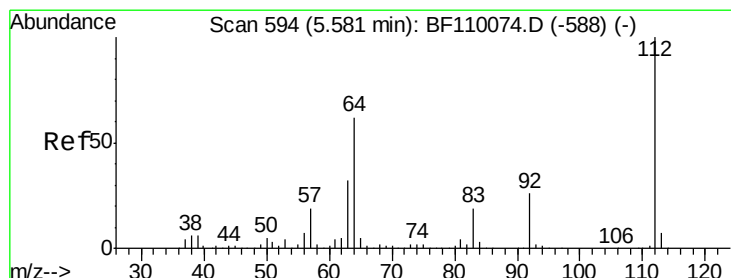
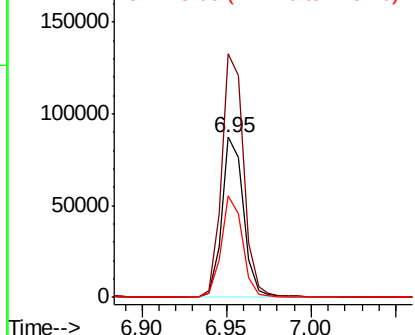
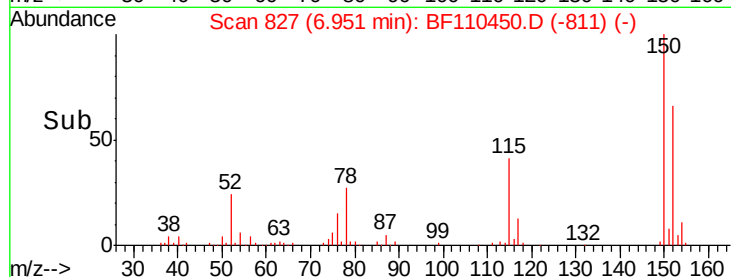
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110450.D
Acq: 3 Nov 2018 9:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78333
Ion Ratio Lower Upper
152 100
150 151.8 122.7 184.1
115 63.0 49.1 73.7



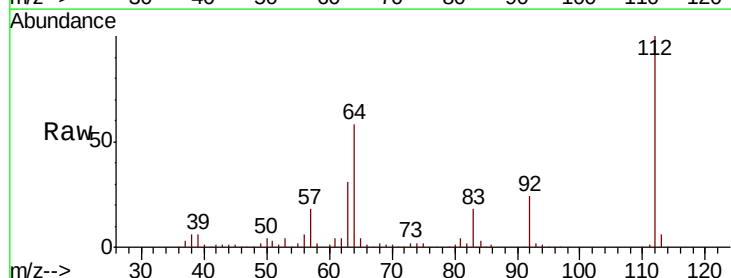
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



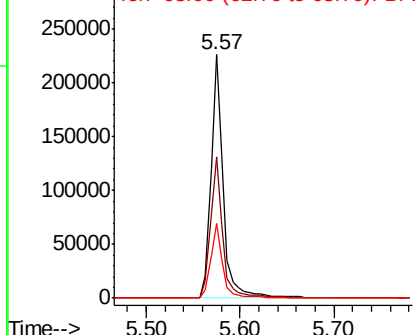
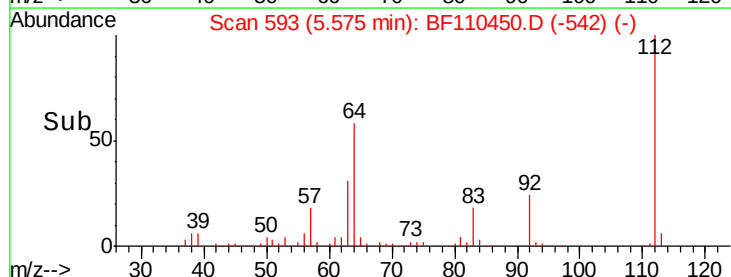
#5

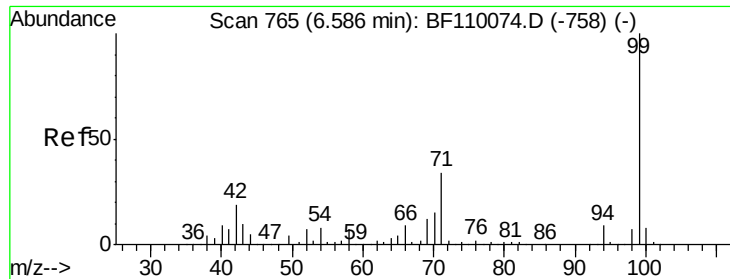
2-Fluorophenol
Concen: 43.780 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110450.D
Acq: 3 Nov 2018 9:52

Tgt Ion:112 Resp: 210592
Ion Ratio Lower Upper
112 100
64 57.9 44.1 66.1
63 30.6 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: 25.791 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110450.D

Acq: 3 Nov 2018 9:52

Instrument :

BNA_F

ClientSampleId :

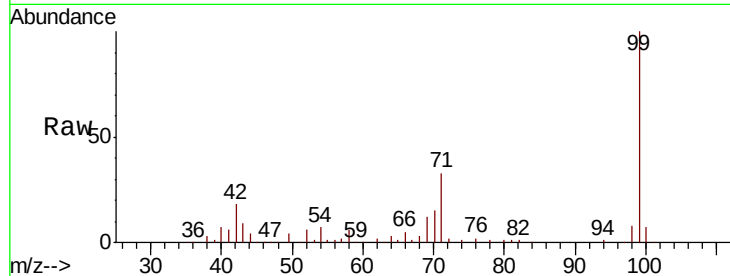
Tot Ion: 99 Resp: 158686

Ion Ratio Lower Upper

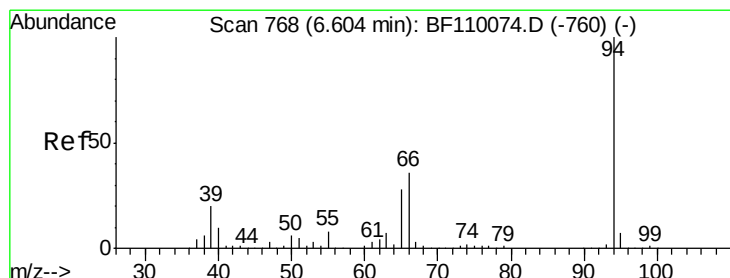
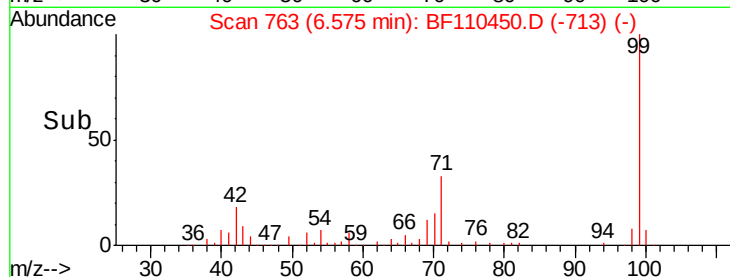
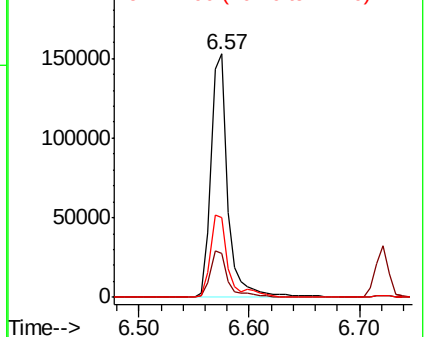
99 100

42 18.0 15.8 23.6

71 33.0 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: 2.585 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110450.D

Acq: 3 Nov 2018 9:52

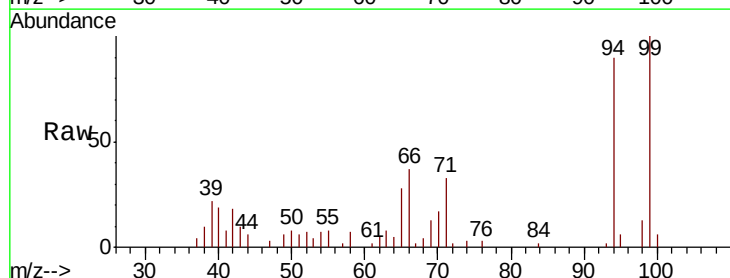
Tgt Ion: 94 Resp: 17003

Ion Ratio Lower Upper

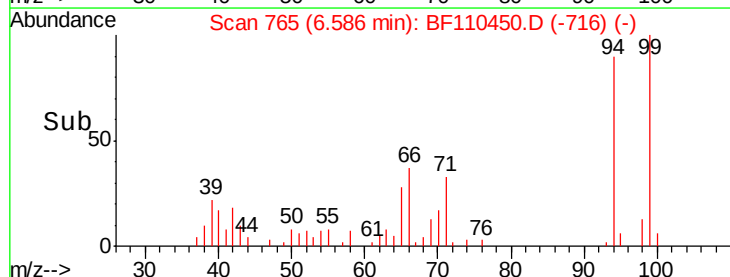
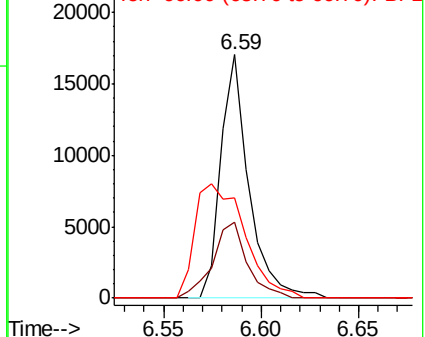
94 100

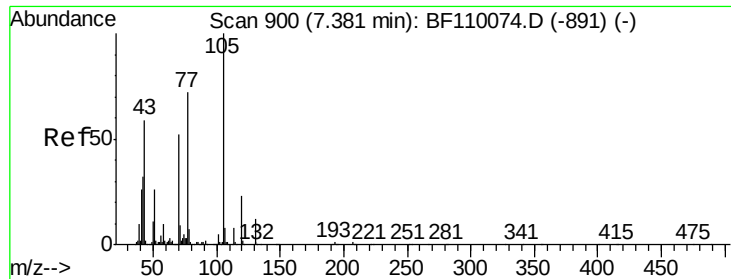
65 31.2 25.3 65.3

66 41.1 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

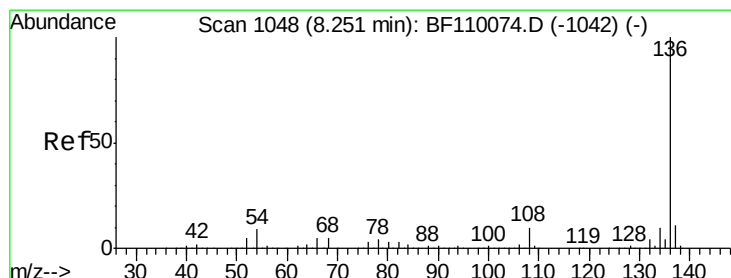
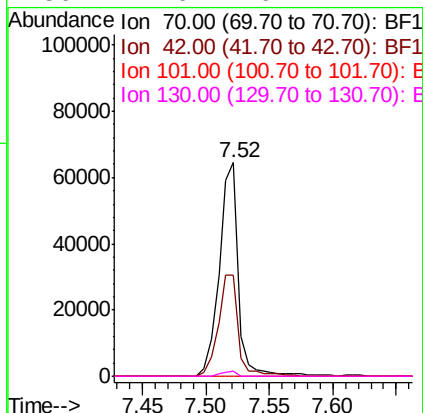
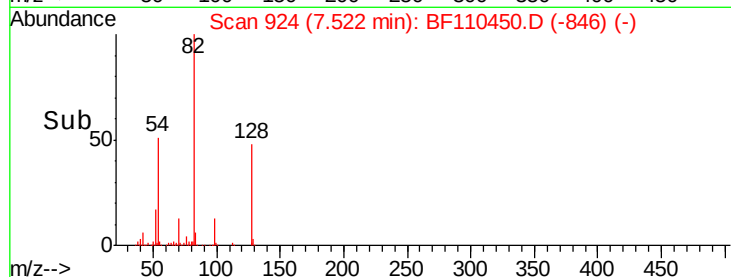
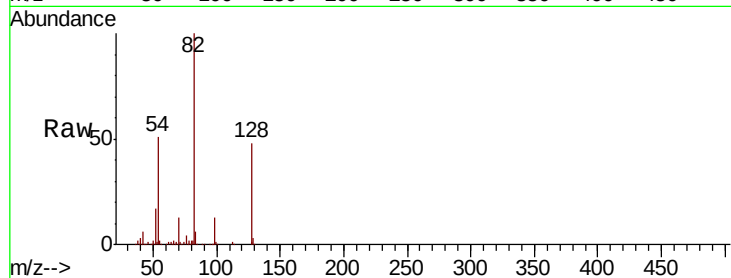




#19
n-Nitroso-di-n-propylamine
Concen: 17.196 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110450.D
Acq: 3 Nov 2018 9:52

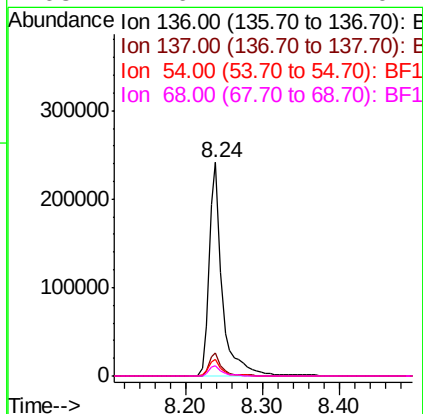
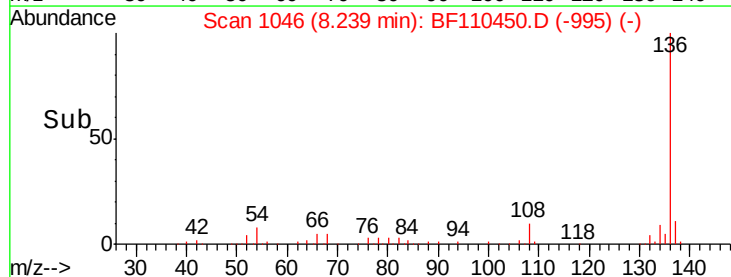
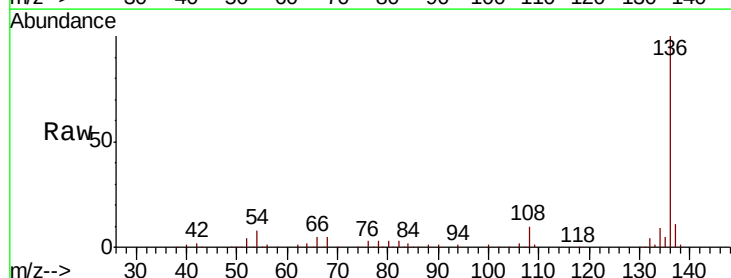
Instrument :
BNA_F
ClientSampled :

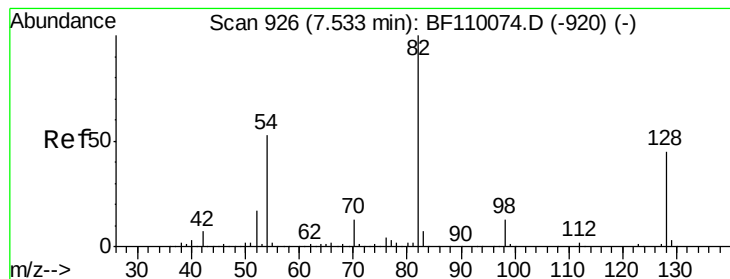
Tot Ion: 70 Resp: 67875
Ion Ratio Lower Upper
70 100
42 47.4 47.4 71.2#
101 0.0 7.3 10.9#
130 2.6 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110450.D
Acq: 3 Nov 2018 9:52

Tgt Ion: 136 Resp: 281137
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 5.4 8.2
68 4.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 108.965 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110450.D

Acq: 3 Nov 2018 9:52

Instrument :

BNA_F

ClientSampleId :

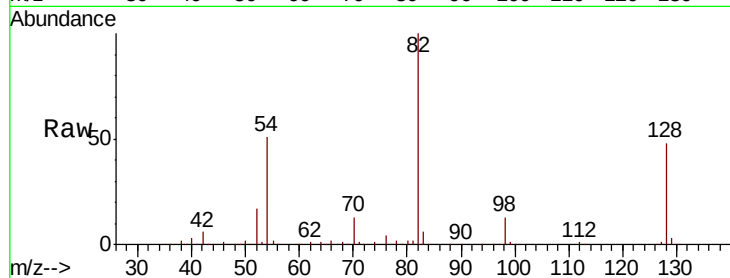
Tot Ion: 82 Resp: 516480

Ion Ratio Lower Upper

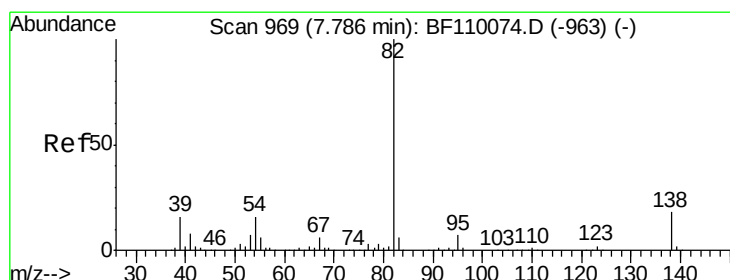
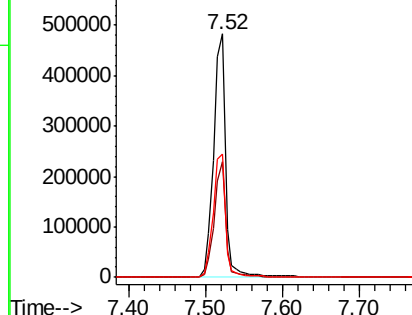
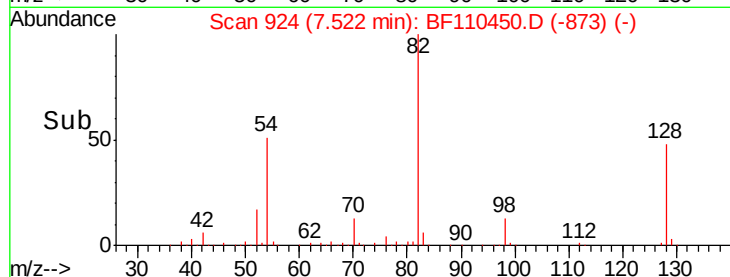
82 100

128 47.6 34.2 51.2

54 50.9 38.6 58.0



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: 63.923 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110450.D

Acq: 3 Nov 2018 9:52

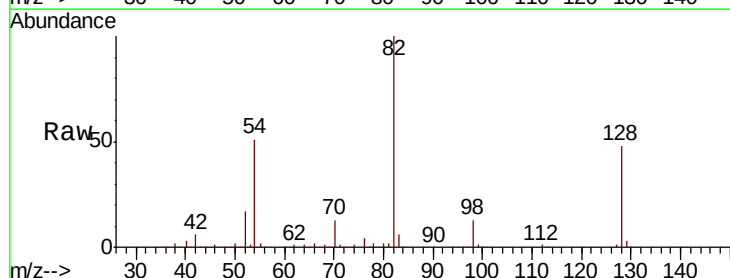
Tgt Ion: 82 Resp: 516477

Ion Ratio Lower Upper

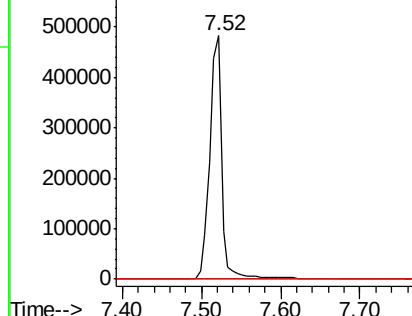
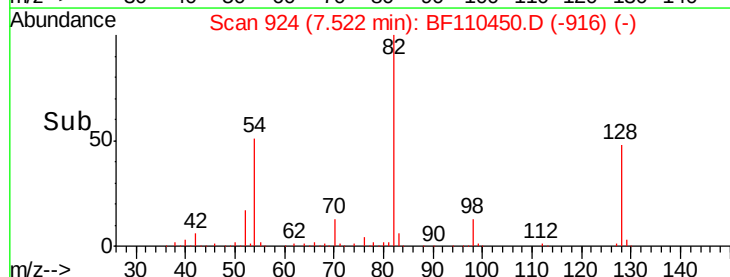
82 100

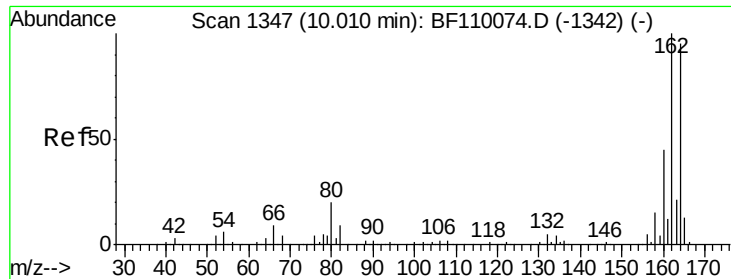
95 0.0 5.7 8.5#

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: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110450.D

Acq: 3 Nov 2018 9:52

Instrument :

BNA_F

ClientSampleId :

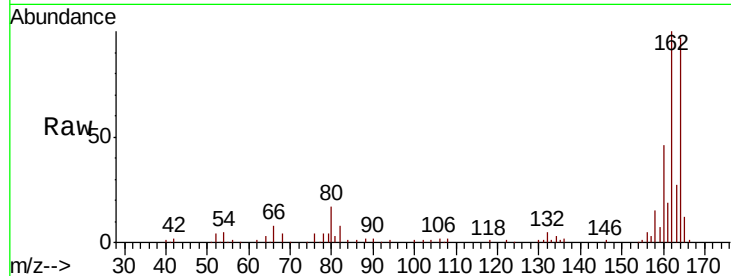
Tot Ion:164 Resp: 111623

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.6

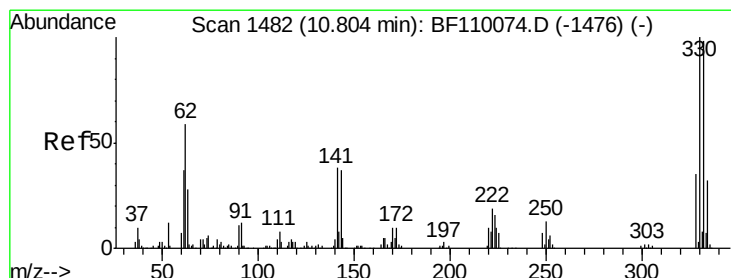
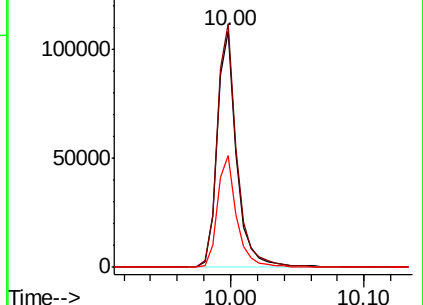
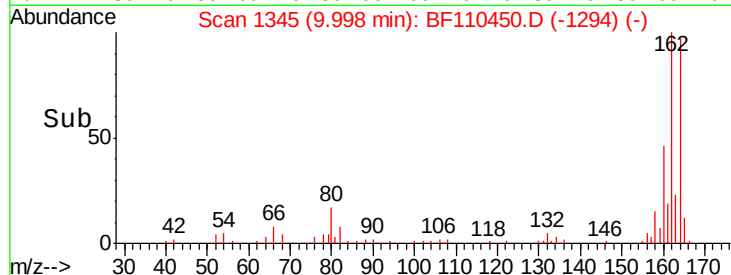
160 47.0 37.0 55.6



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: 86.062 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110450.D

Acq: 3 Nov 2018 9:52

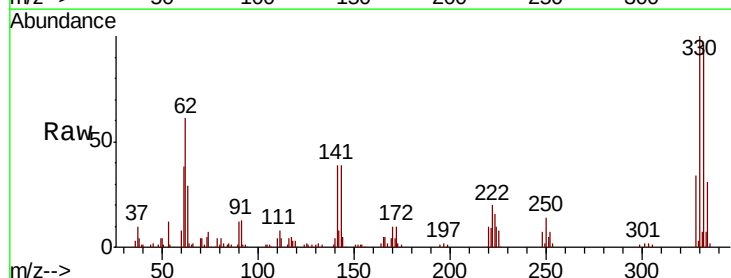
Tgt Ion:330 Resp: 95159

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

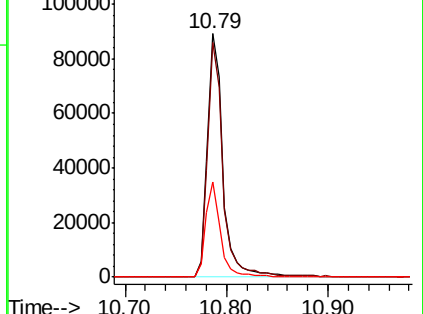
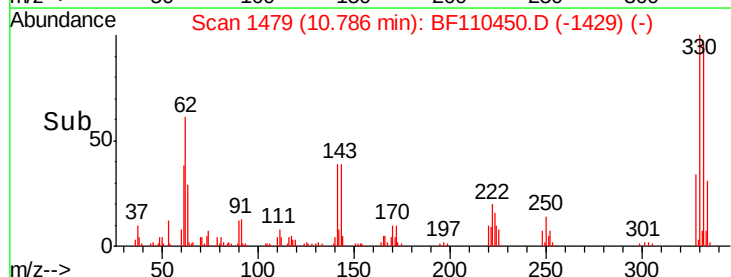
141 36.8 27.0 40.4

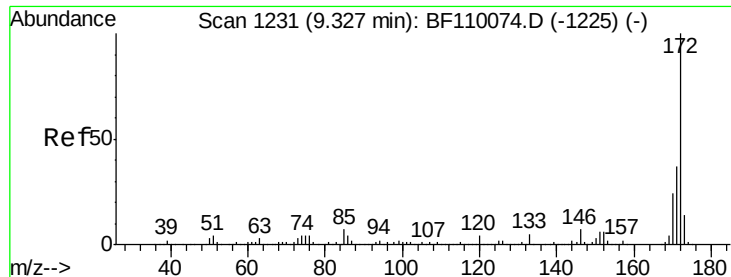


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

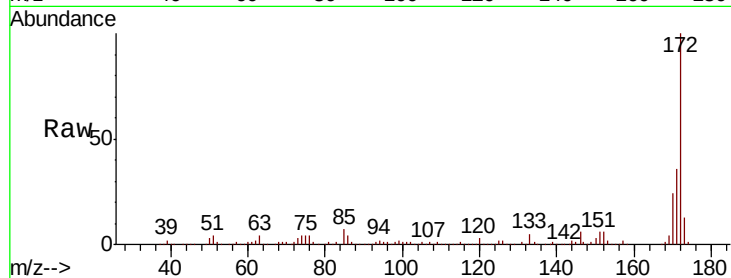




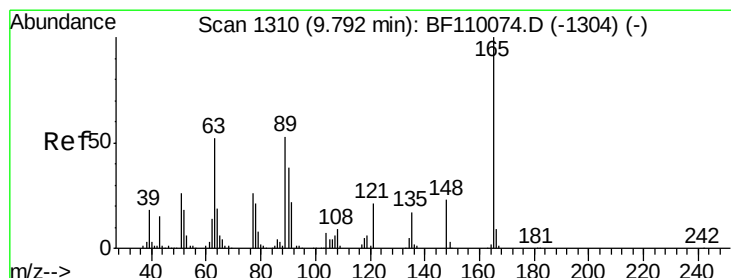
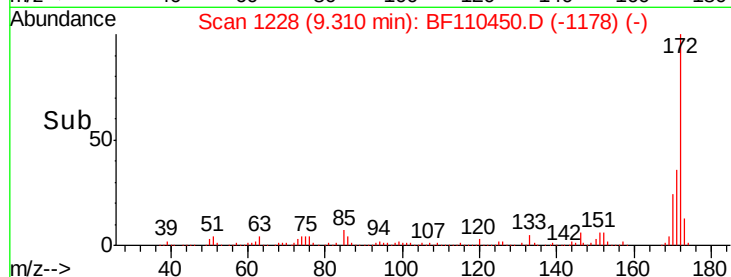
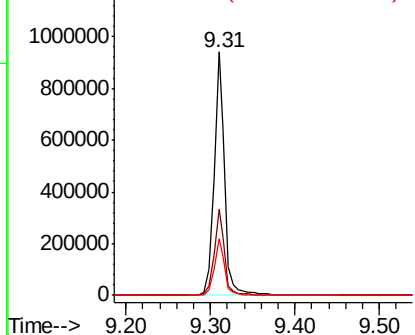
#45
 2-Fluorobiphenyl
 Concen: 119.546 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110450.D
 Acq: 3 Nov 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 849801
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.5 19.7 29.5

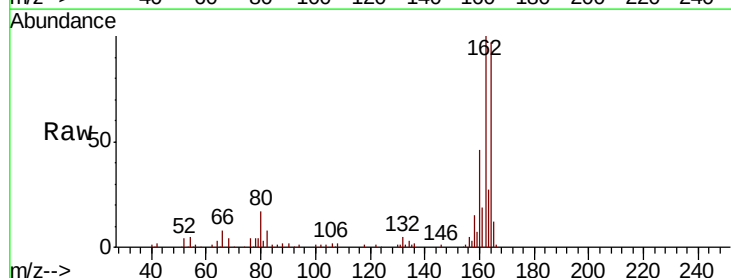


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

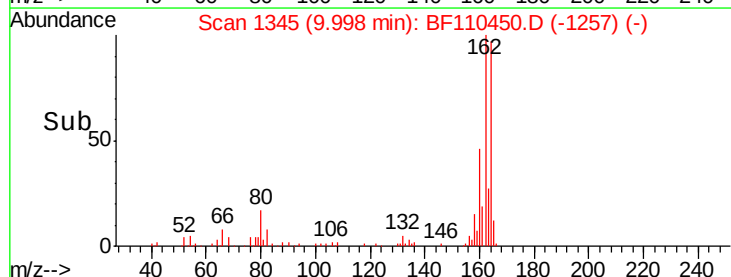
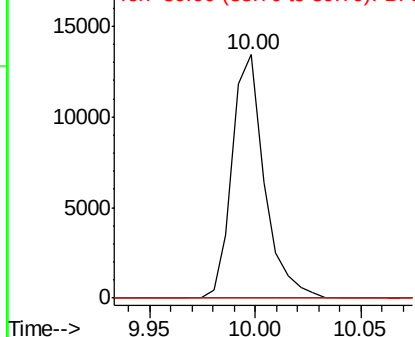


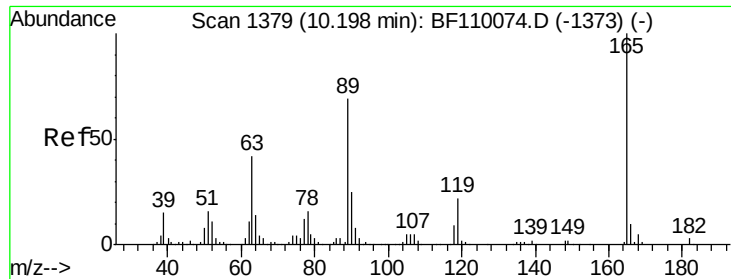
#51
 2,6-Dinitrotoluene
 Concen: 8.021 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110450.D
 Acq: 3 Nov 2018 9:52

Tgt Ion:165 Resp: 14236
 Ion Ratio Lower Upper
 165 100
 63 0.0 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

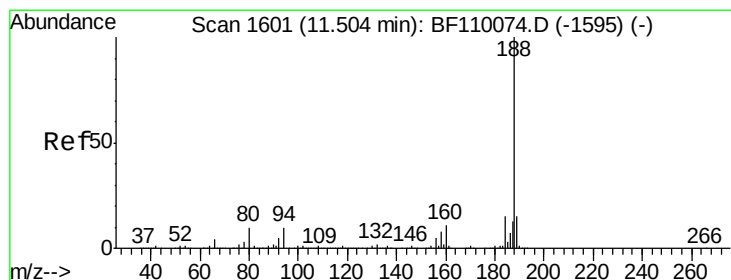
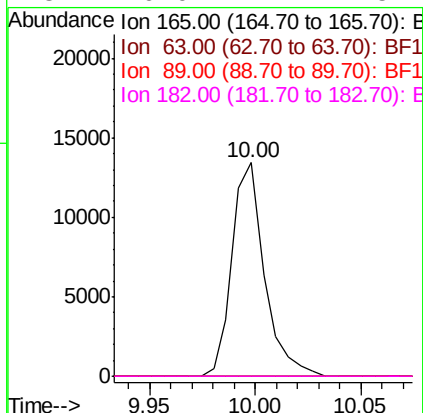
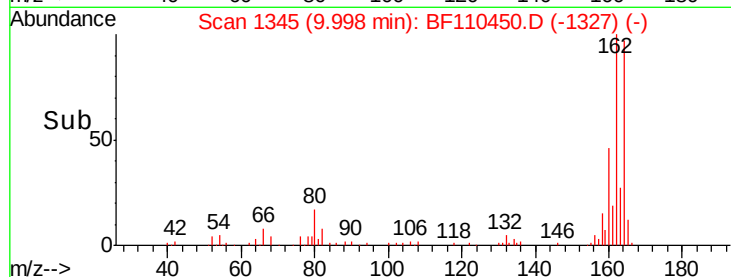
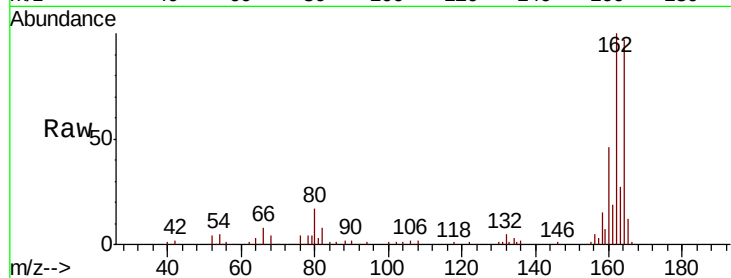




#57
2,4-Dinitrotoluene
Concen: 6.315 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110450.D
Acq: 3 Nov 2018 9:52

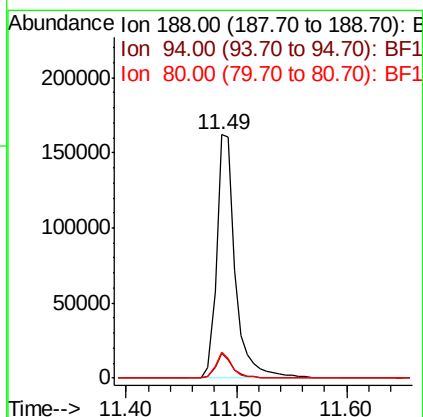
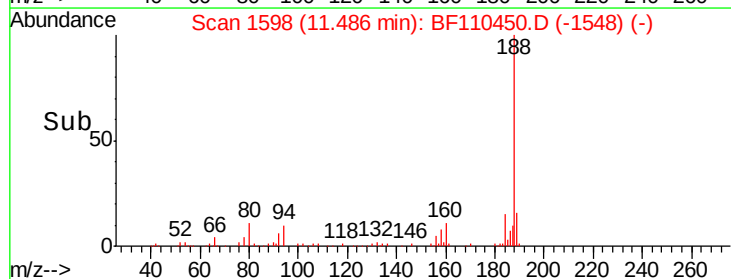
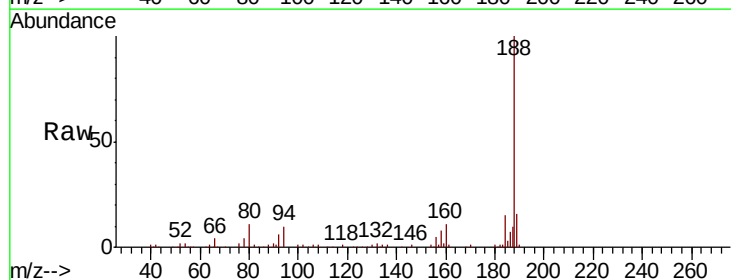
Instrument :
BNA_F
ClientSampleId :

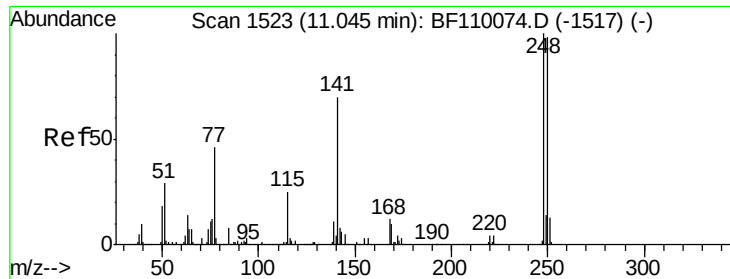
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110450.D
Acq: 3 Nov 2018 9:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.8	7.9	11.9

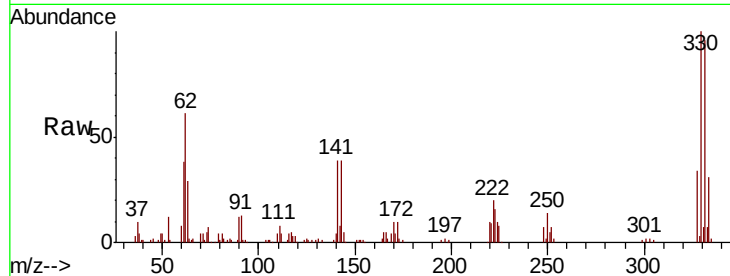




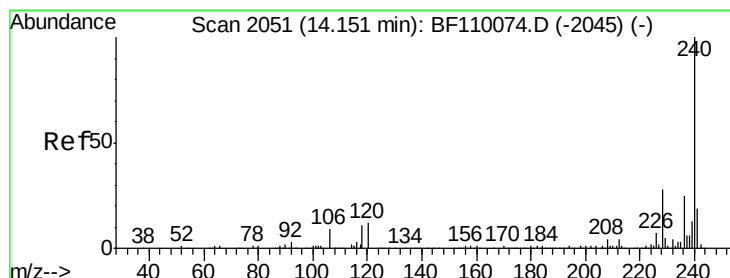
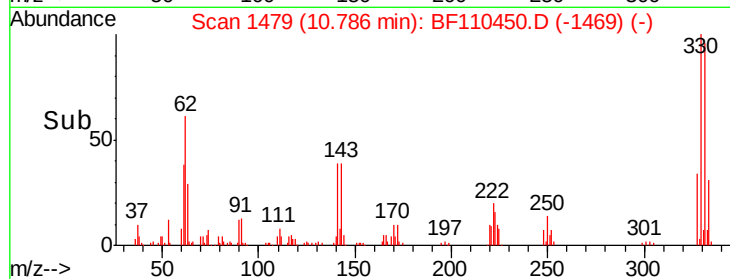
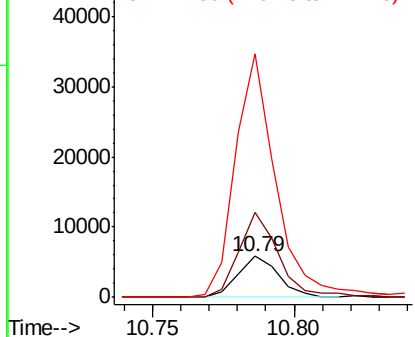
#67
 4-Bromophenyl-phenylether
 Concen: 2.814 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110450.D
 Acq: 3 Nov 2018 9:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 5795
 Ion Ratio Lower Upper
 248 100
 250 207.9 79.4 119.2#
 141 593.8 55.9 83.9#

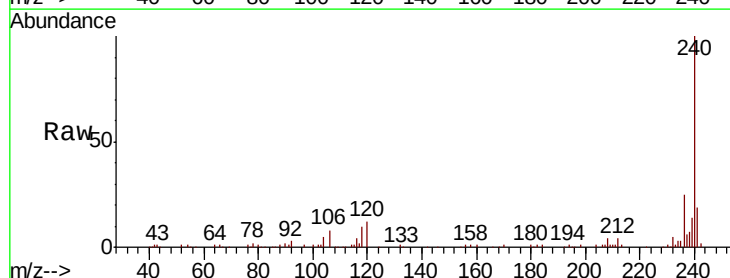


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

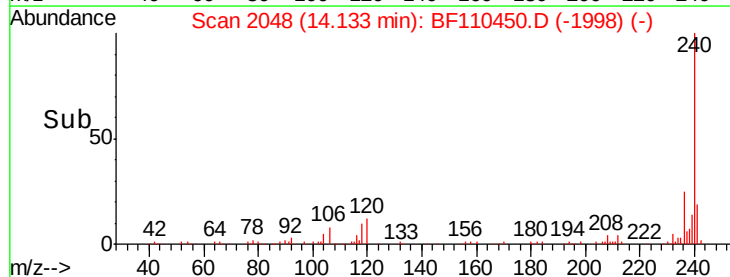
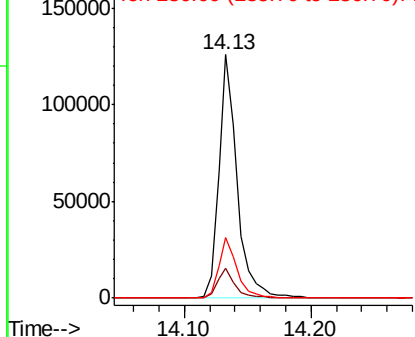


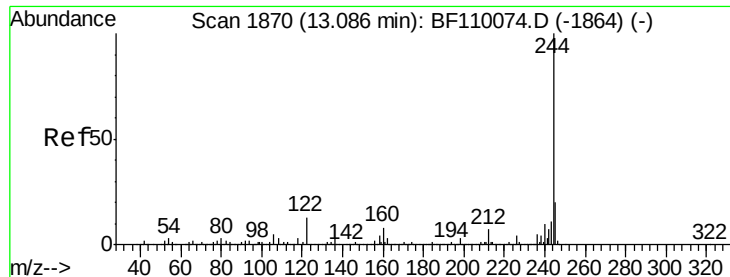
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110450.D
 Acq: 3 Nov 2018 9:52

Tgt Ion:240 Resp: 127119
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.3 12.5
 236 25.0 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: 122.129 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110450.D

Acq: 3 Nov 2018 9:52

Instrument :

BNA_F

ClientSampleId :

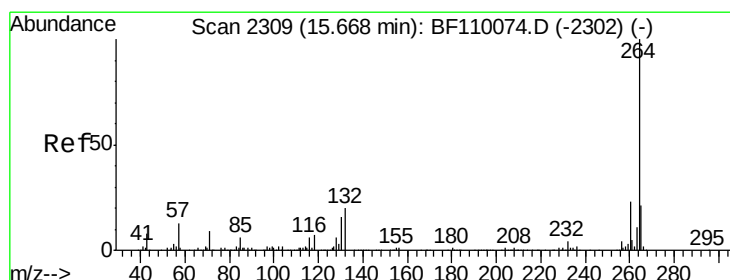
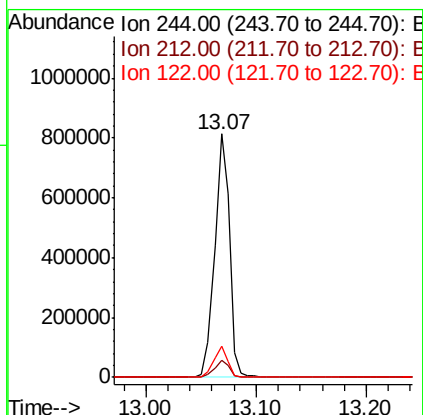
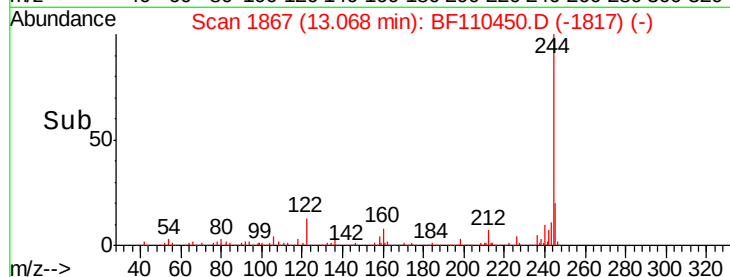
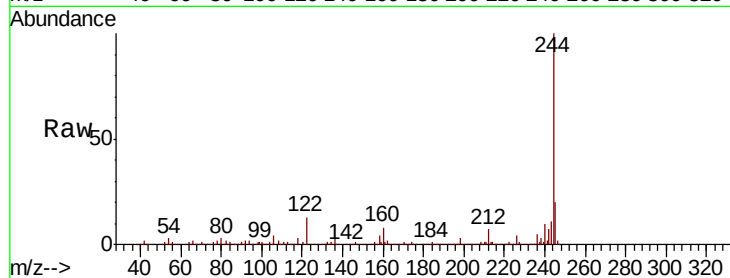
Tot Ion:244 Resp: 746494

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 12.6 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: BF110450.D

Acq: 3 Nov 2018 9:52

Tgt Ion:264 Resp: 91335

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 22.2 16.7 25.1

