

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110403.D
 Acq On : 2 Nov 2018 11:14
 Operator : JU/SJ
 Sample : J5741-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:54:24 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

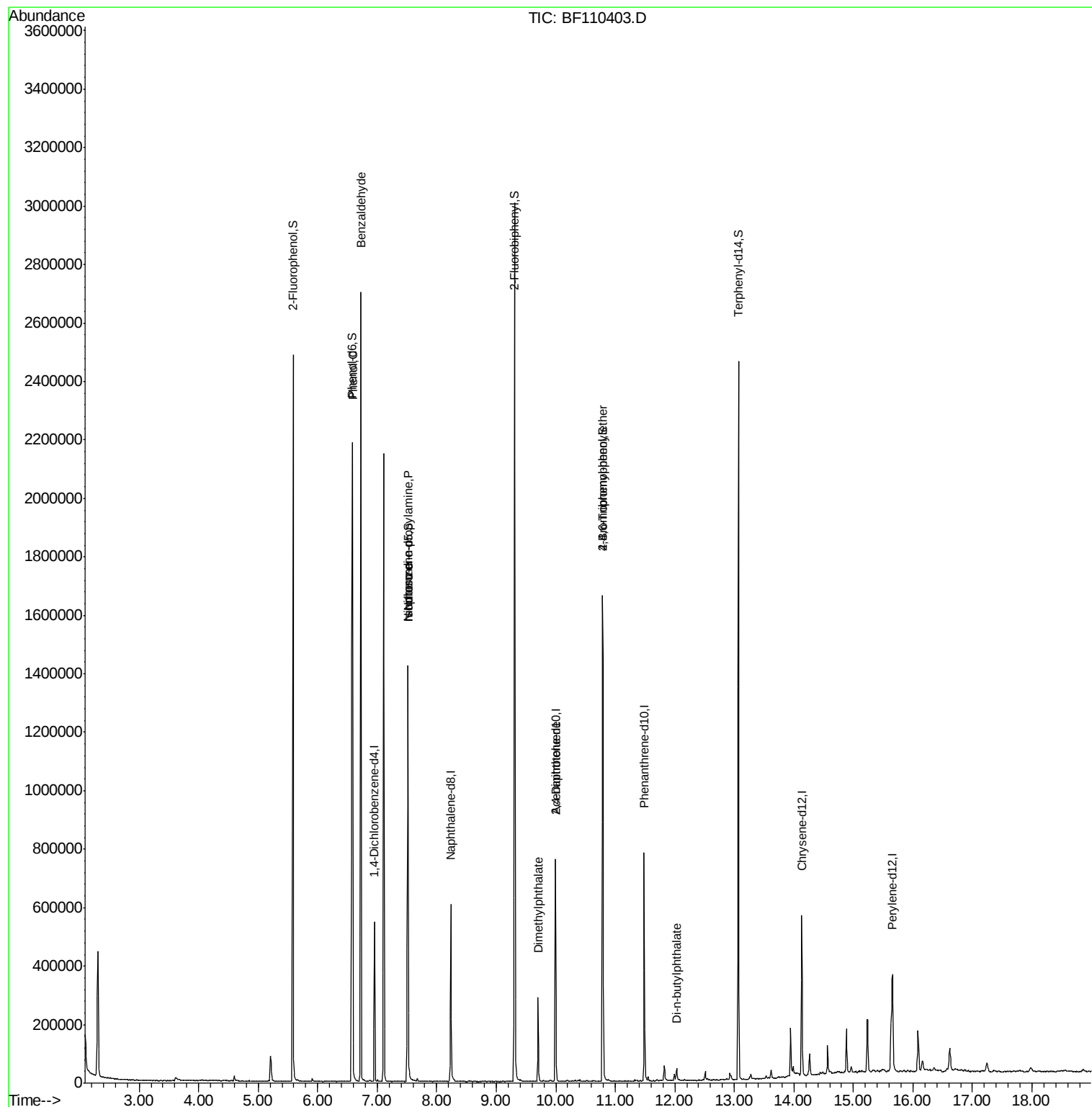
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83537	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	339577	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	160932	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	303059	20.00	ng	0.00
76) Chrysene-d12	14.13	240	181120	20.00	ng	0.00
87) Perylene-d12	15.66	264	169029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	701173	136.69	ng	0.01
7) Phenol-d6	6.58	99	891525	135.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	566551	98.96	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	207805	130.36	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1006671	98.22	ng	0.00
79) Terphenyl-d14	13.07	244	858362	98.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	16896	2.847	ng	82
10) Phenol	6.59	94	57752	8.234	ng	# 69
19) n-Nitroso-di-n-propylamine	7.52	70	75217	17.869	ng	# 82
25) Isophorone	7.52	82	566548	58.053	ng	# 67
50) Dimethylphthalate	9.70	163	128866	10.848	ng	100
57) 2,4-Dinitrotoluene	9.99	165	20877	6.423	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	12958	3.942	ng	# 1
74) Di-n-butylphthalate	12.03	149	35843	2.045	ng	98

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

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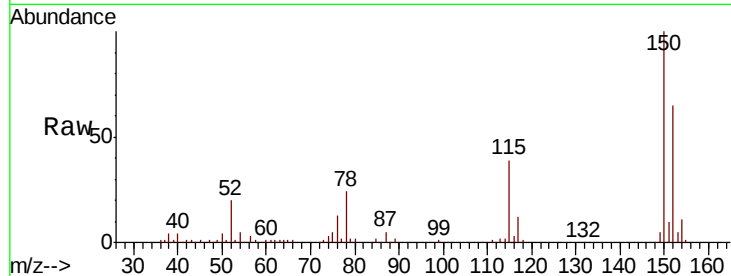


#1

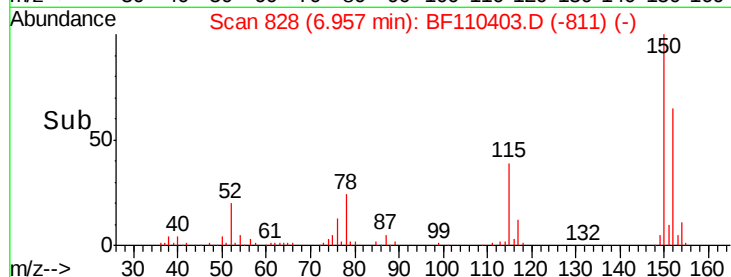
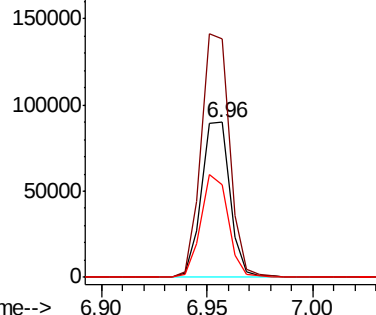
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83537
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 60.0 49.1 73.7



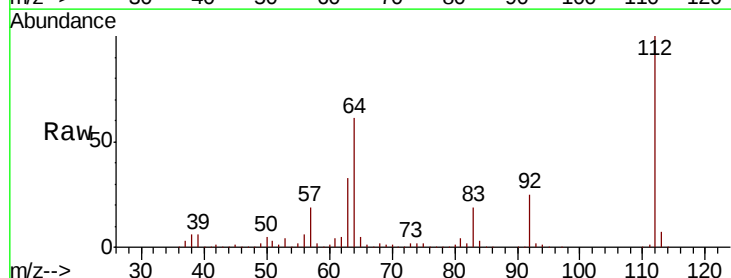
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



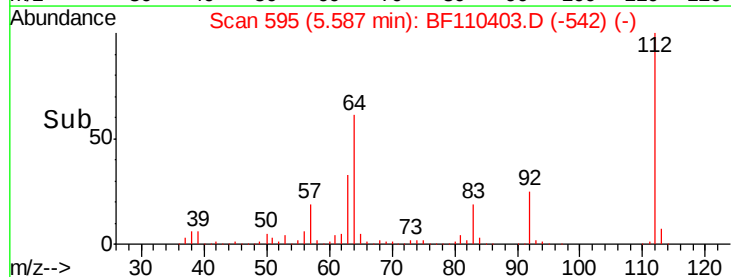
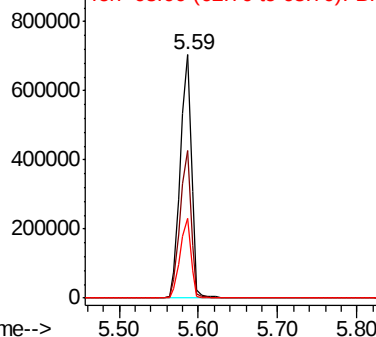
#5

2-Fluorophenol
Concen: 136.685 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

Tgt Ion:112 Resp: 701173
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 32.6 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: 135.873 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampled :

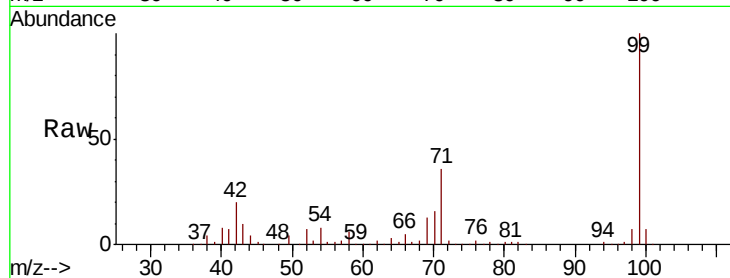
Tot Ion: 99 Resp: 891525

Ion Ratio Lower Upper

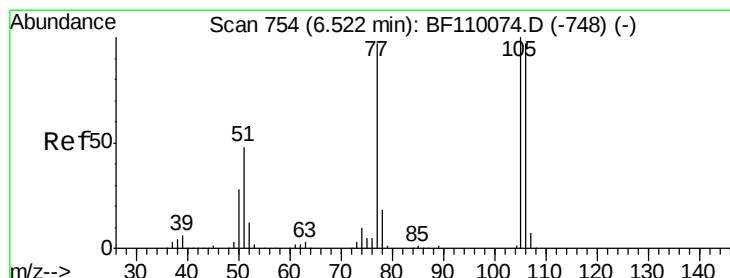
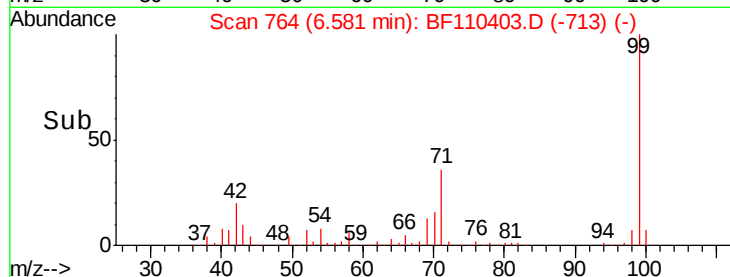
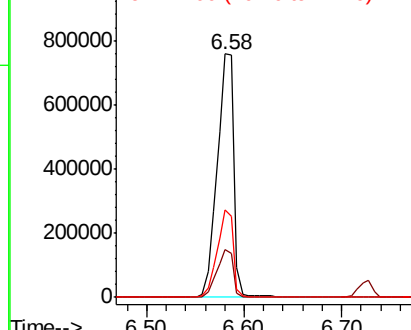
99 100

42 19.8 15.8 23.6

71 35.7 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



#9

Benzaldehyde

Concen: 2.847 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.22 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

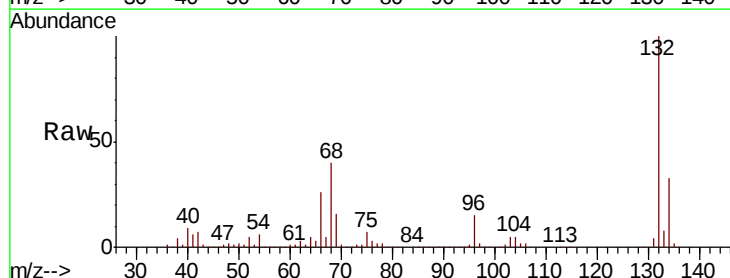
Tgt Ion: 77 Resp: 16896

Ion Ratio Lower Upper

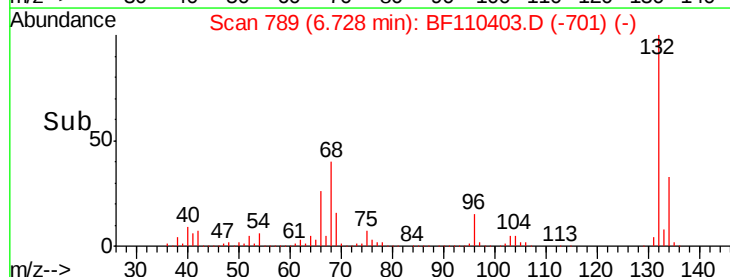
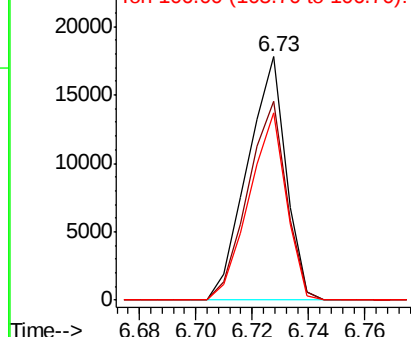
77 100

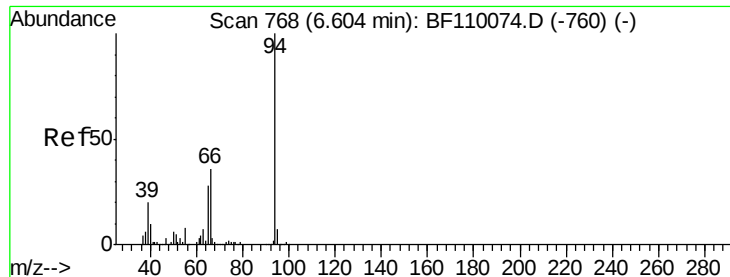
105 81.5 78.6 118.6

106 76.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

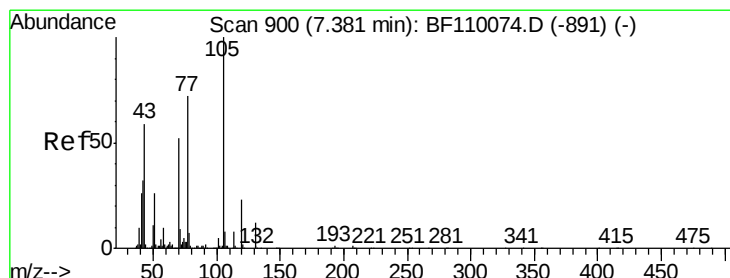
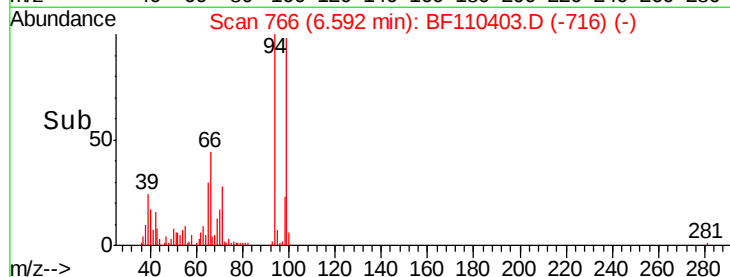
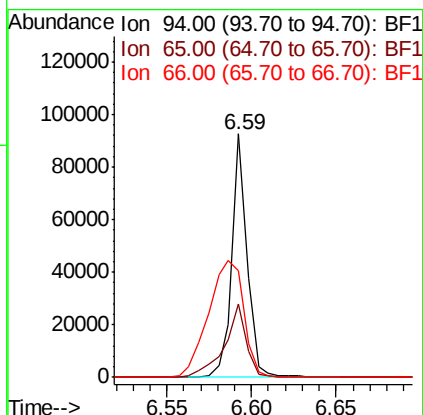
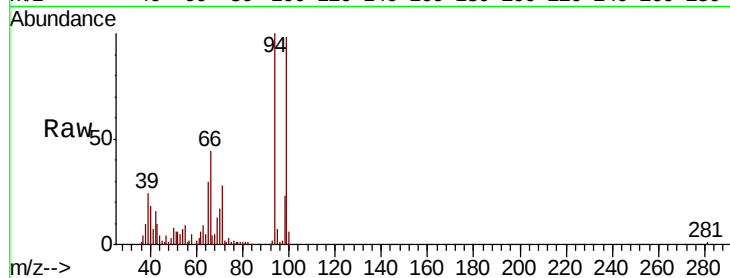




#10
Phenol
Concen: 8.234 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

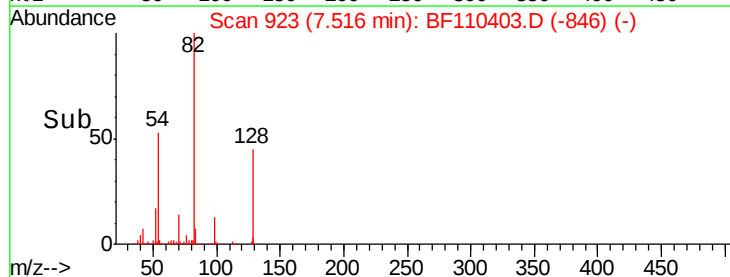
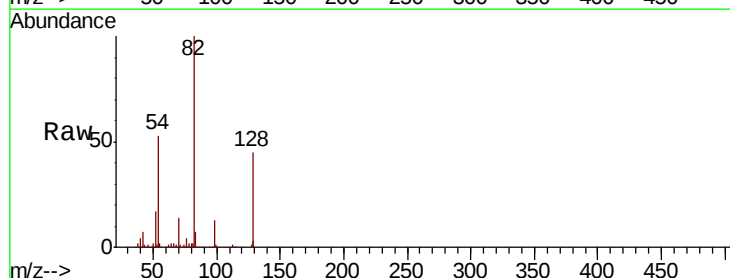
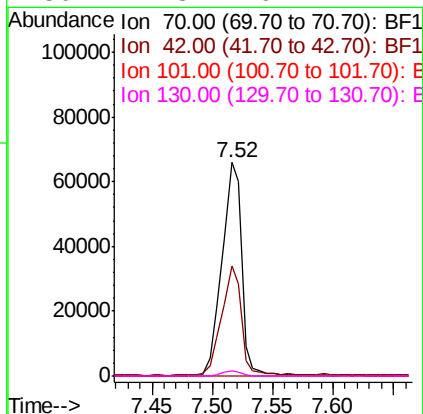
Instrument :
BNA_F
ClientSampleId :

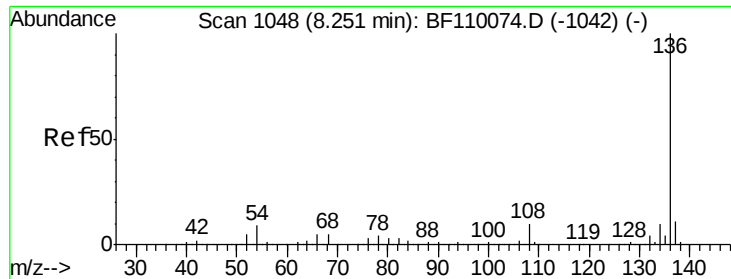
Tot Ion: 94 Resp: 57752
Ion Ratio Lower Upper
94 100
65 30.0 25.3 65.3
66 44.0 54.5 94.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.869 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

Tgt Ion: 70 Resp: 75217
Ion Ratio Lower Upper
70 100
42 51.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#

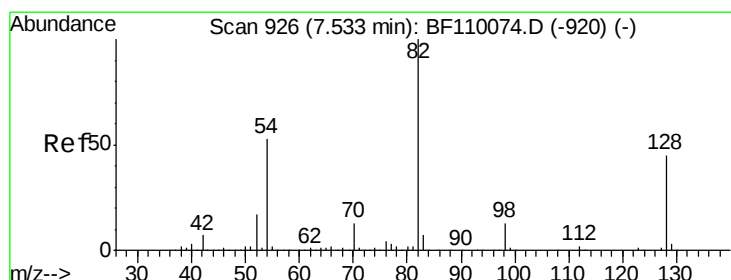
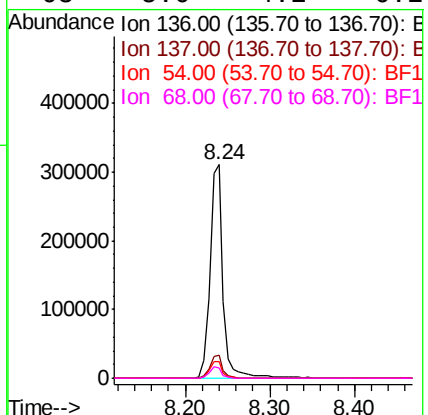
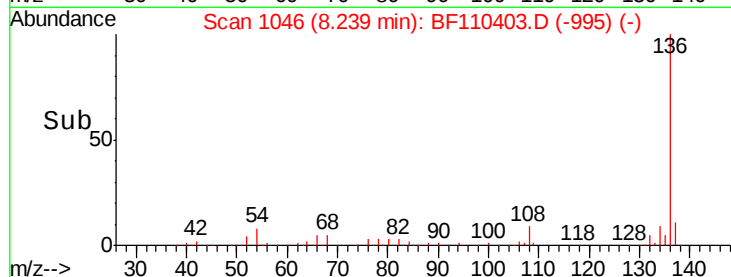
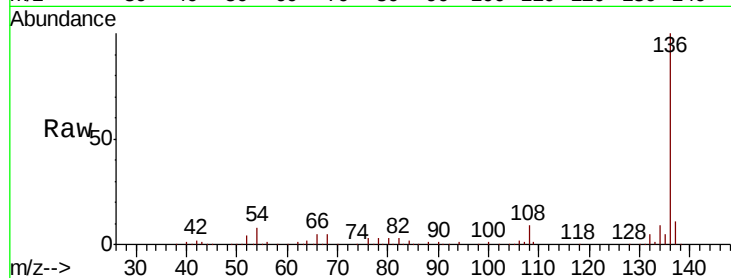




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

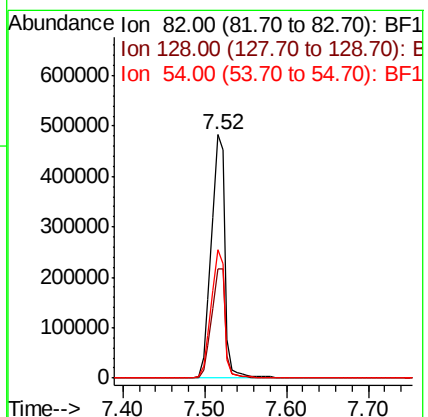
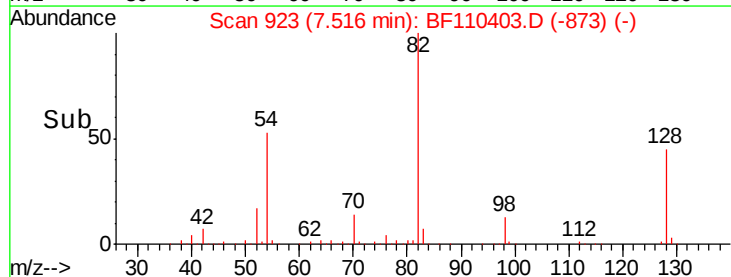
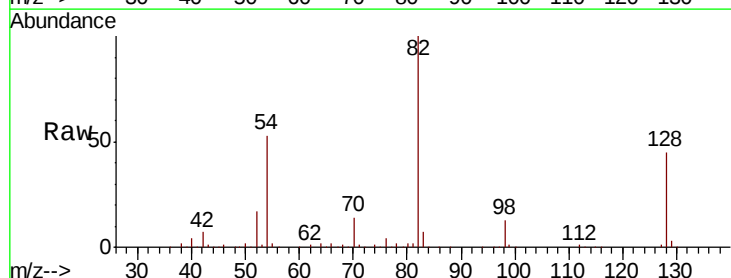
Instrument :
BNA_F
ClientSampleId :

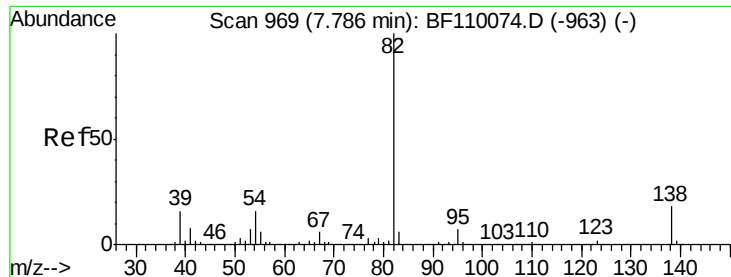
Tot Ion:136 Resp: 339577
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.6 5.4 8.2
68 5.0 4.2 6.2



#23
Nitrobenzene-d5
Concen: 98.958 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

Tgt Ion: 82 Resp: 566551
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.2
54 52.9 38.6 58.0

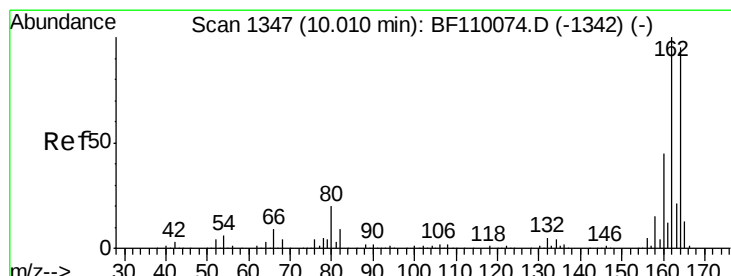
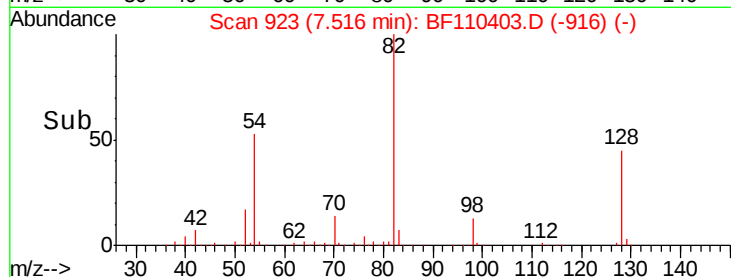
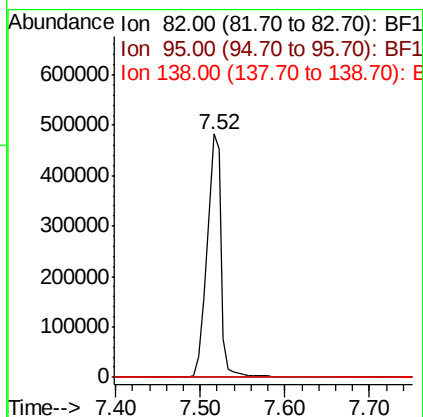
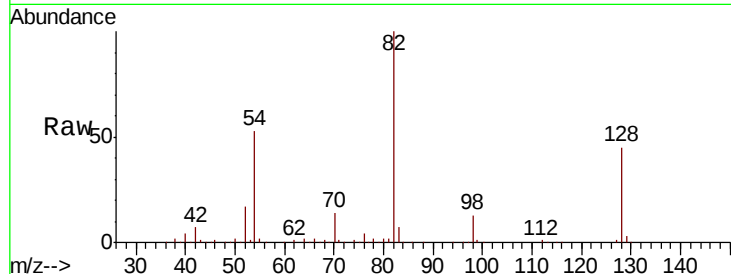




#25
Isophorone
Concen: 58.053 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

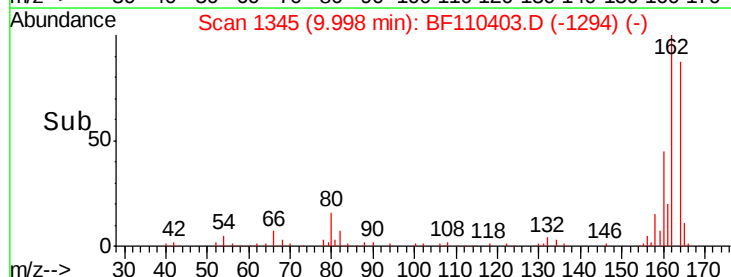
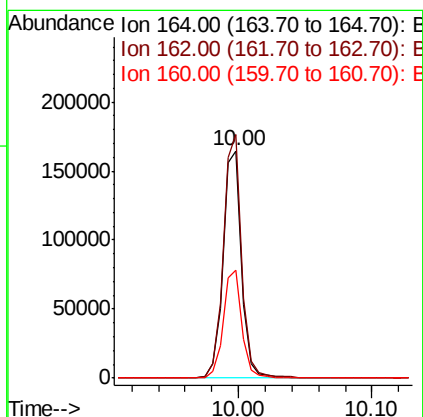
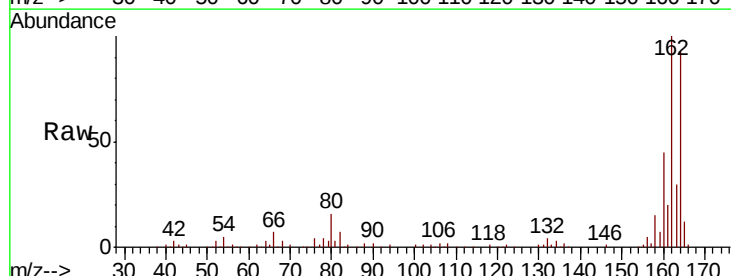
Instrument :
BNA_F
ClientSampleId :

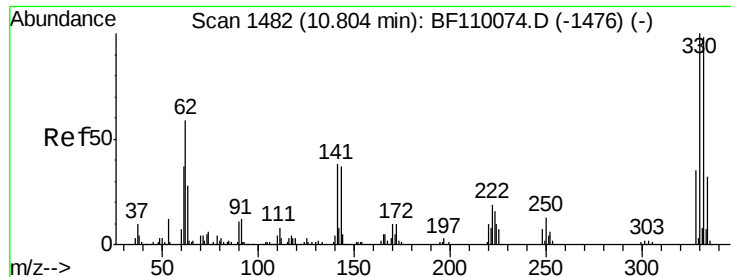
Tot Ion: 82 Resp: 566548
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

Tgt Ion: 164 Resp: 160932
Ion Ratio Lower Upper
164 100
162 107.1 83.0 124.6
160 47.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 130.356 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampleId :

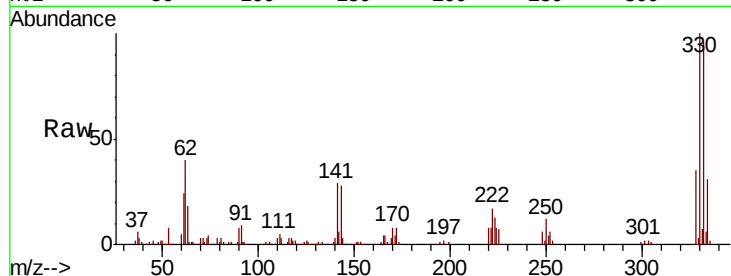
Tot Ion:330 Resp: 207805

Ion Ratio Lower Upper

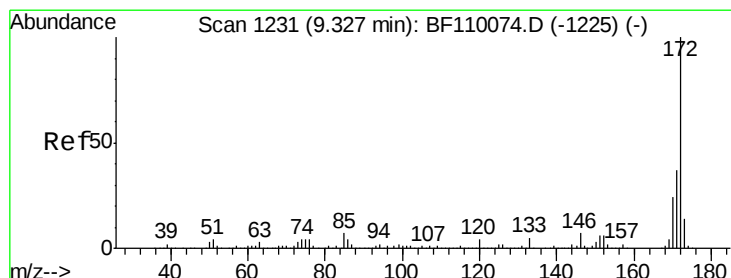
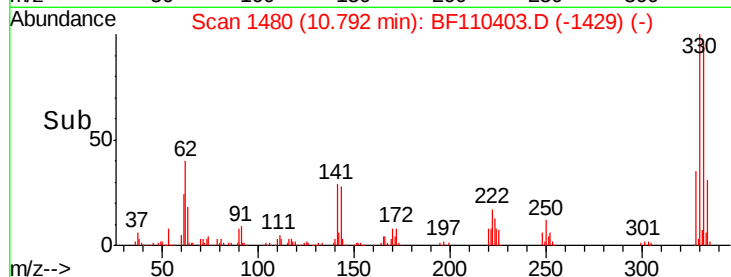
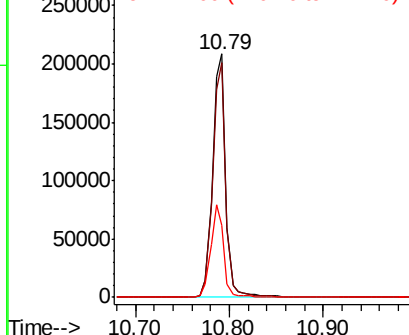
330 100

332 95.4 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: 98.224 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

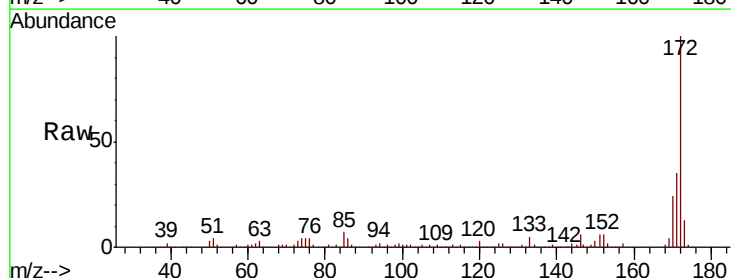
Tgt Ion:172 Resp: 1006671

Ion Ratio Lower Upper

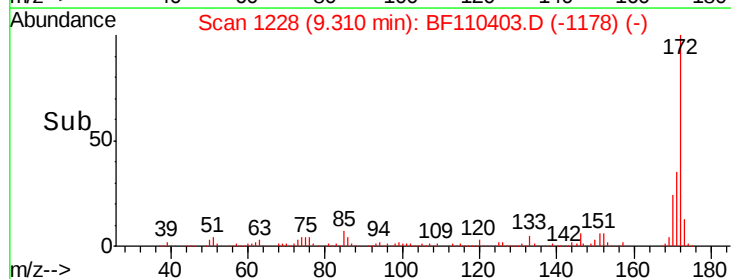
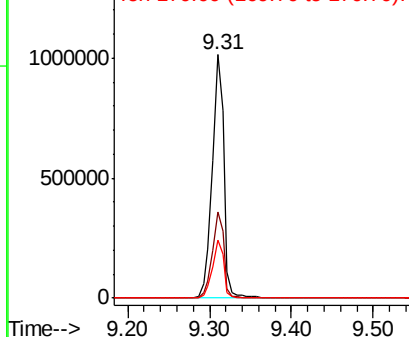
172 100

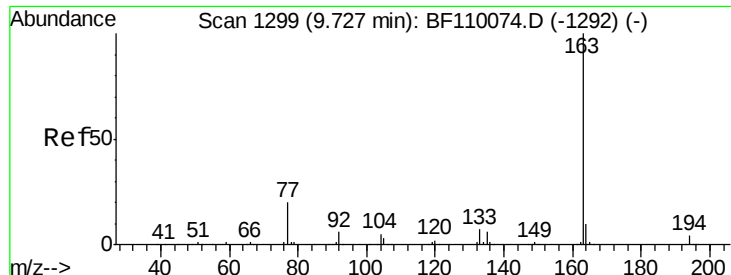
171 35.5 28.6 43.0

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: 10.848 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampleId :

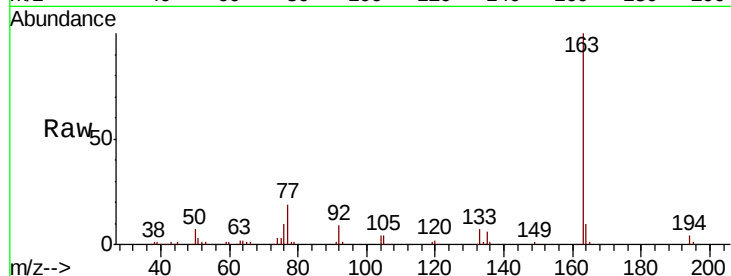
Tot Ion:163 Resp: 128866

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

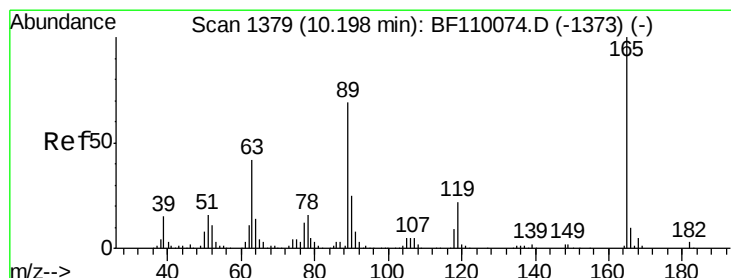
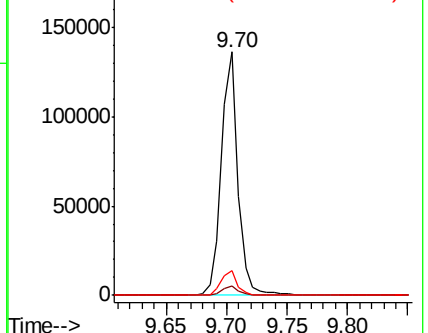
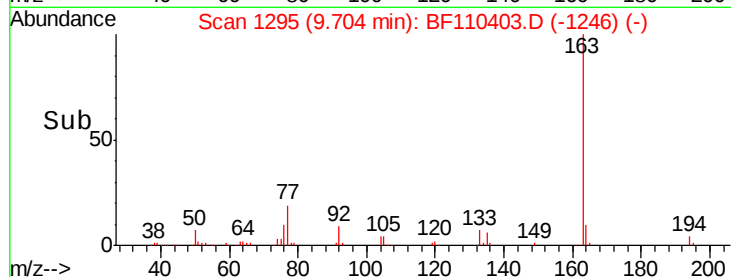
164 10.2 8.1 12.1



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: 6.423 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.20 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Tgt Ion:165 Resp: 20877

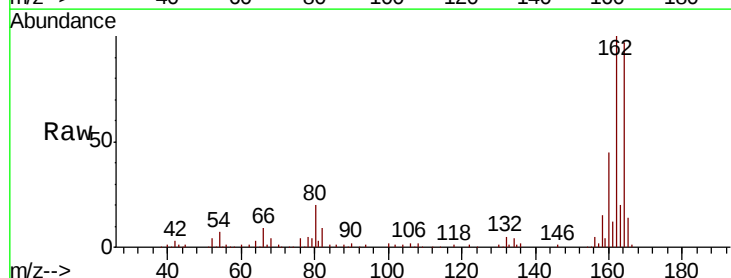
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.5 62.2 93.4#

182 0.0 2.1 3.1#

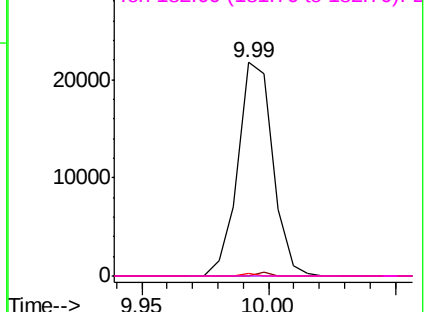
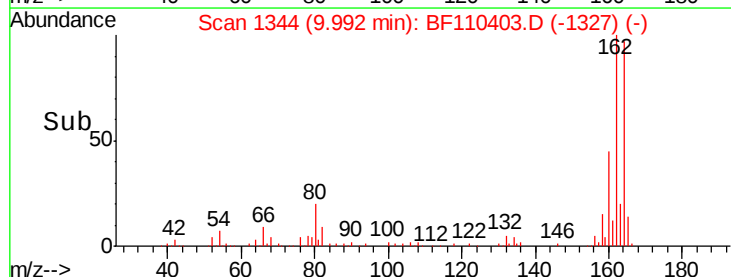


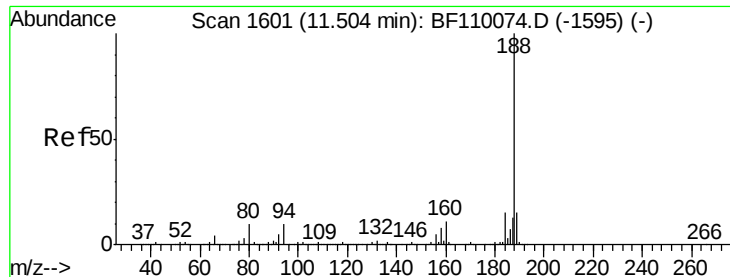
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampleId :

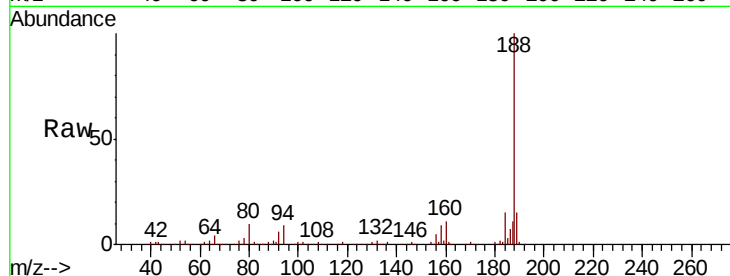
Tot Ion:188 Resp: 303059

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

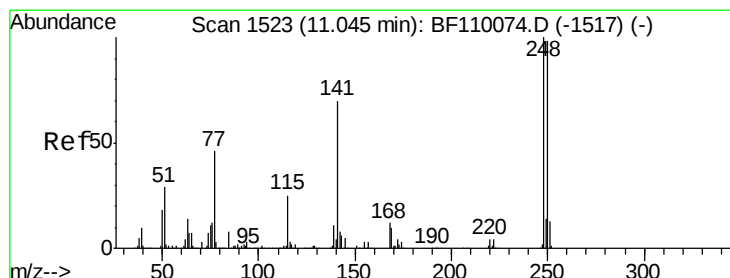
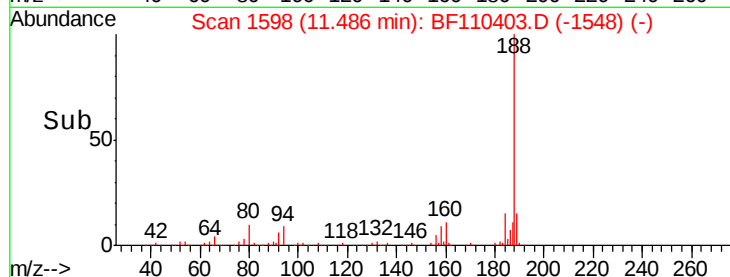
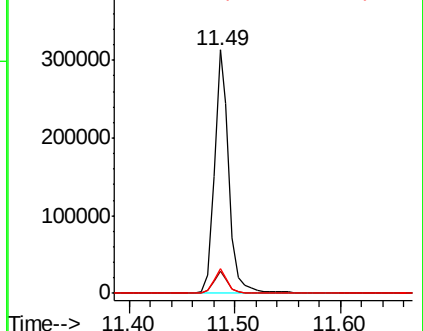
80 10.3 7.9 11.9



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: 3.942 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

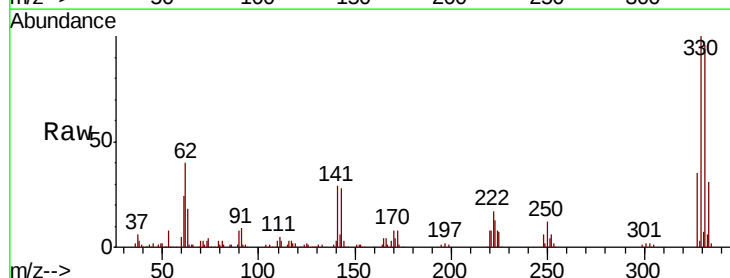
Tgt Ion:248 Resp: 12958

Ion Ratio Lower Upper

248 100

250 197.7 79.4 119.2#

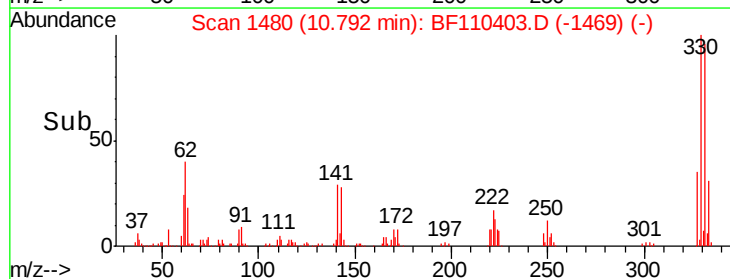
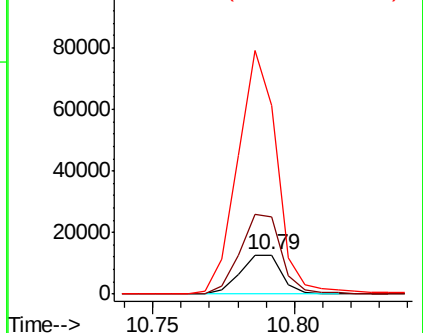
141 483.8 55.9 83.9#

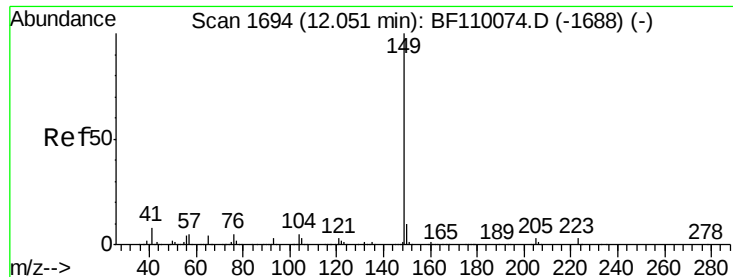


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Di-n-butylphthalate

Concen: 2.045 ng

RT: 12.03 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampleId :

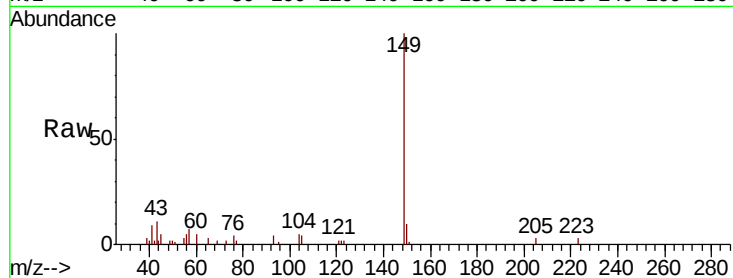
Tot Ion:149 Resp: 35843

Ion Ratio Lower Upper

149 100

150 10.3 7.7 11.5

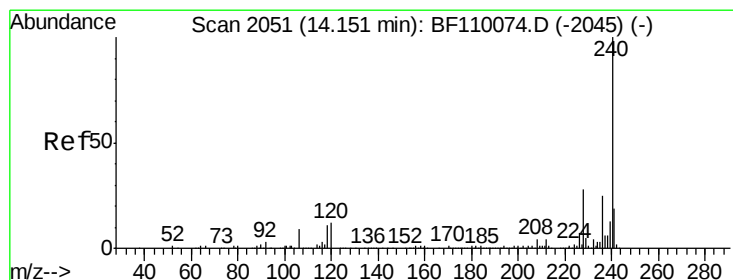
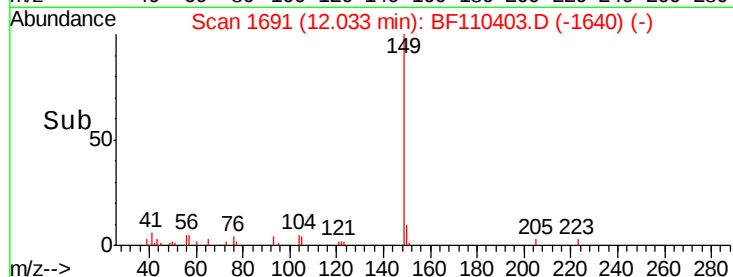
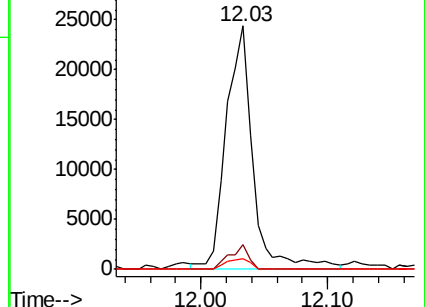
104 4.6 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

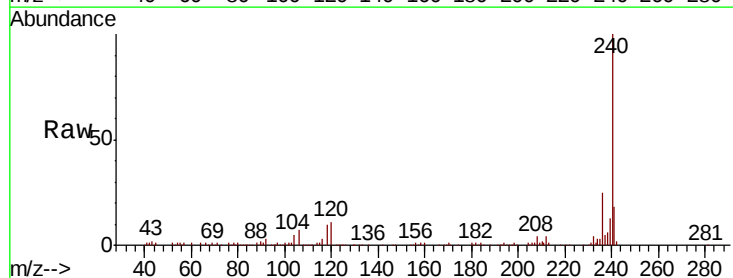
Tgt Ion:240 Resp: 181120

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

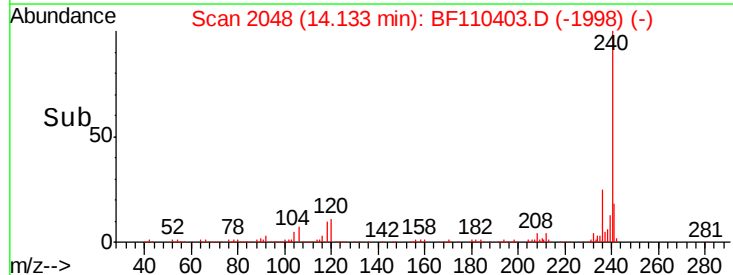
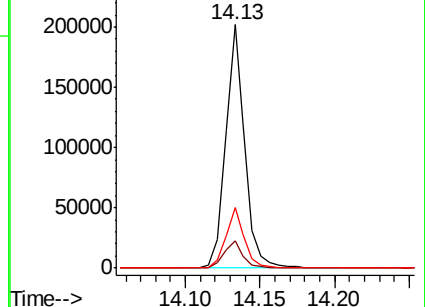
236 24.9 21.2 31.8

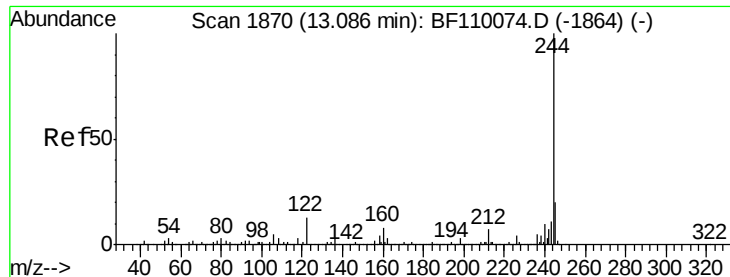


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.561 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampled :

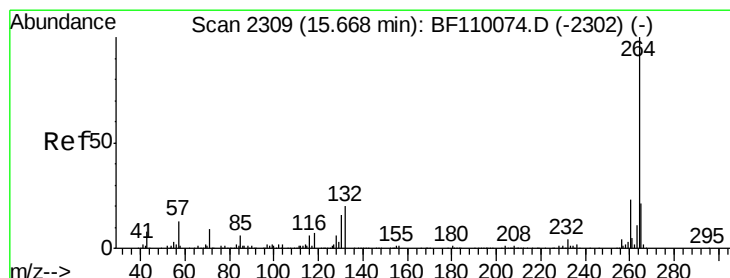
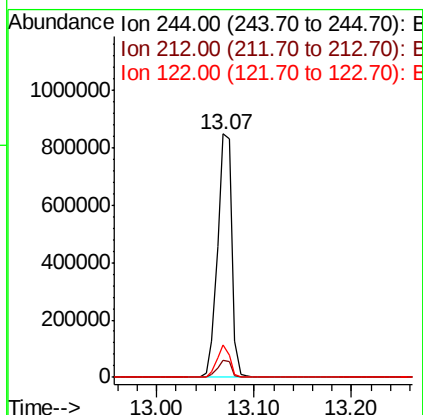
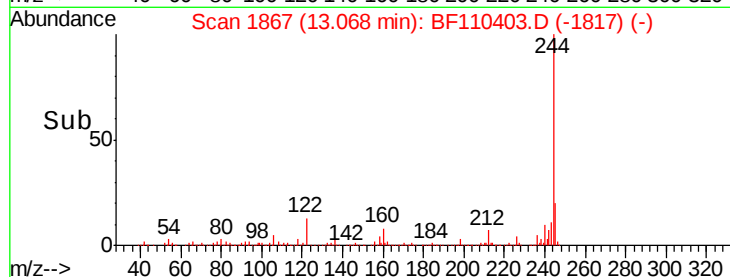
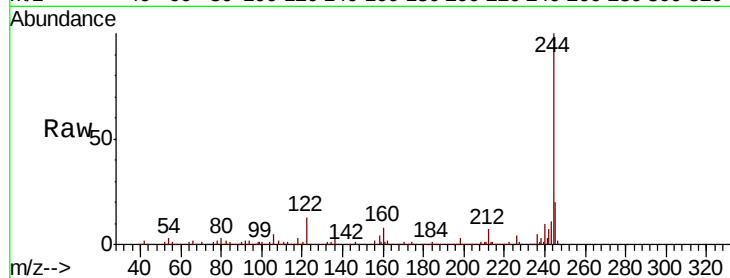
Tot Ion:244 Resp: 858362

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 13.5 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: BF110403.D

Acq: 2 Nov 2018 11:14

Tgt Ion:264 Resp: 169029

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 20.5 16.7 25.1

