

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110555.D
 Acq On : 7 Nov 2018 10:40
 Operator : JU/SJ
 Sample : J5808-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 13:53:52 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

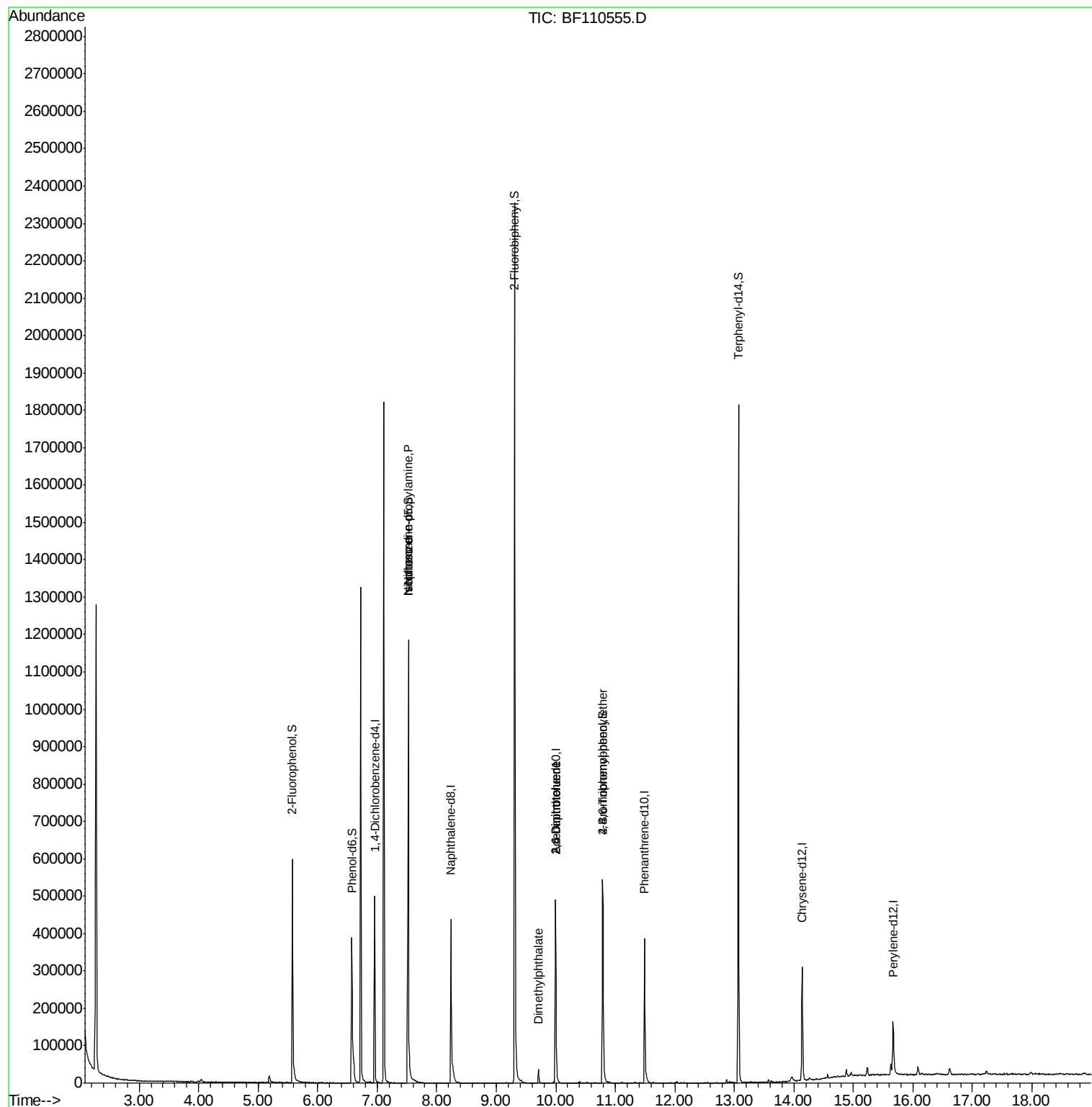
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	75517	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	275106	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	107193	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	183341	20.00	ng	0.00
76) Chrysene-d12	14.14	240	127156	20.00	ng	0.00
87) Perylene-d12	15.67	264	89293	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	185855	40.08	ng	0.00
7) Phenol-d6	6.57	99	146478	24.69	ng	0.00
23) Nitrobenzene-d5	7.52	82	427367	92.14	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	80406	75.72	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	753019	110.31	ng	0.00
79) Terphenyl-d14	13.07	244	639299	104.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	56475	14.841	ng	# 78
25) Isophorone	7.52	82	427365	54.054	ng	# 67
50) Dimethylphthalate	9.71	163	23673	2.992	ng	# 98
51) 2,6-Dinitrotoluene	10.00	165	13678	8.025	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	13678	6.318	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4645	2.336	ng	# 1

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

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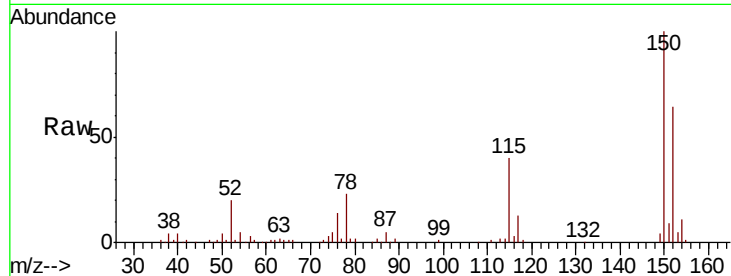


#1

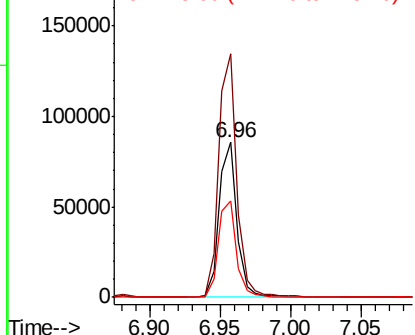
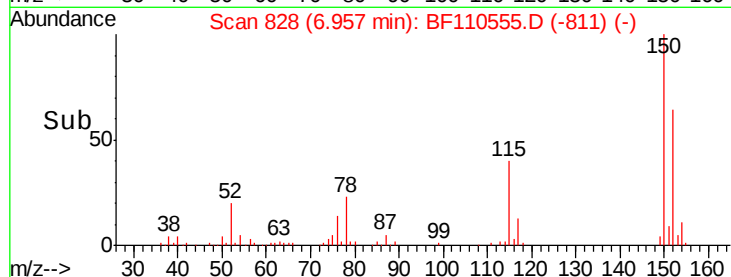
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75517
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 62.0 49.1 73.7



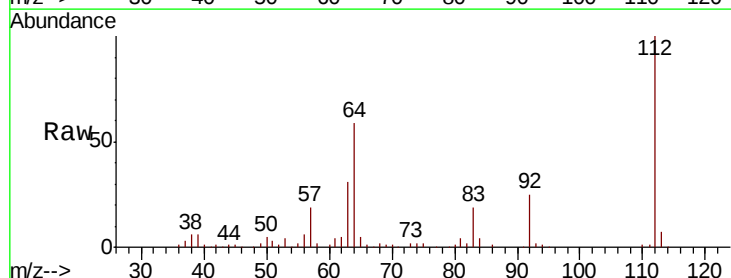
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



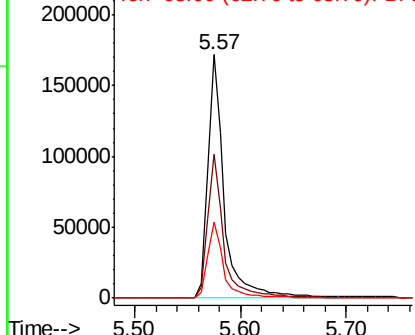
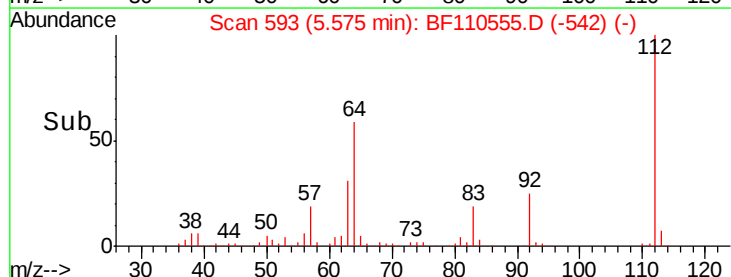
#5

2-Fluorophenol
Concen: 40.078 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

Tgt Ion:112 Resp: 185855
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 31.4 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: 24.695 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110555.D

Acq: 7 Nov 2018 10:40

Instrument :

BNA_F

ClientSampleId :

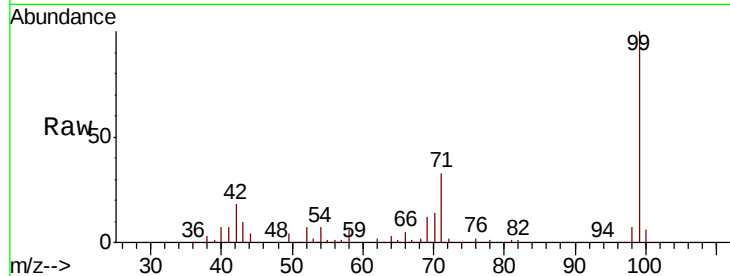
Tot Ion: 99 Resp: 146478

Ion Ratio Lower Upper

99 100

42 17.8 15.8 23.6

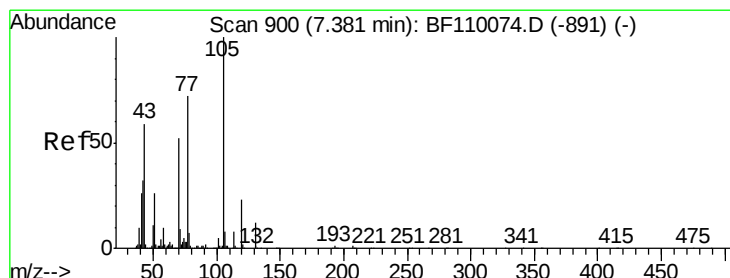
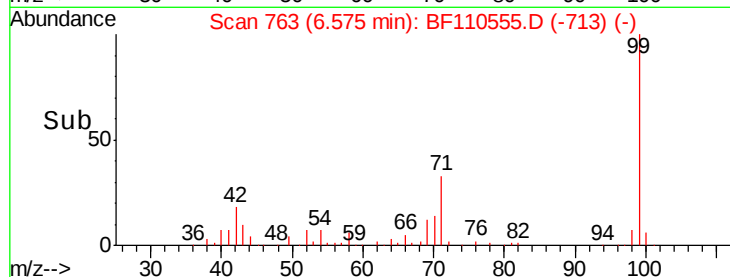
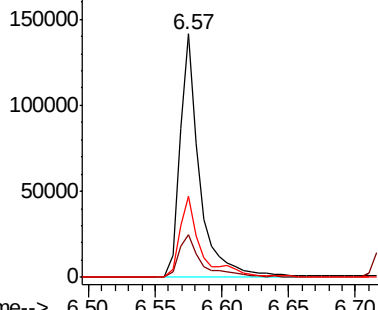
71 33.0 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.841 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110555.D

Acq: 7 Nov 2018 10:40

Tgt Ion: 70 Resp: 56475

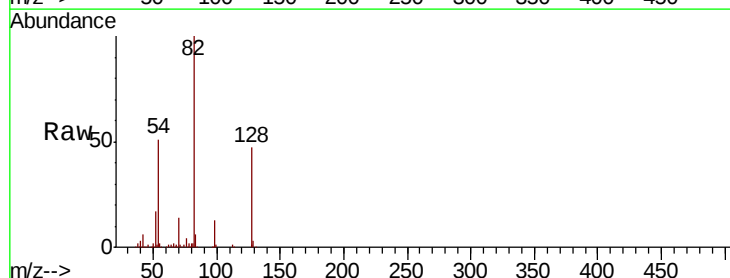
Ion Ratio Lower Upper

70 100

42 47.3 47.4 71.2#

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

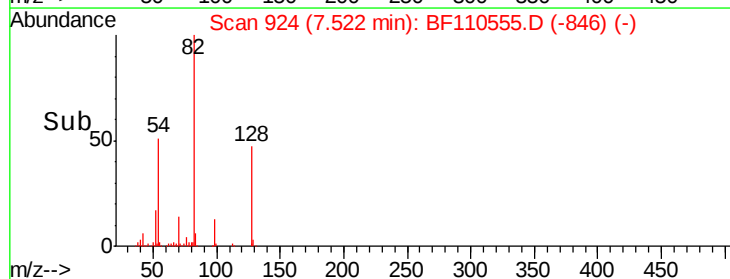
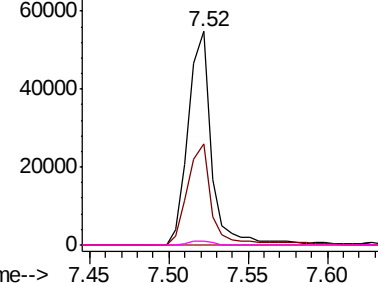


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

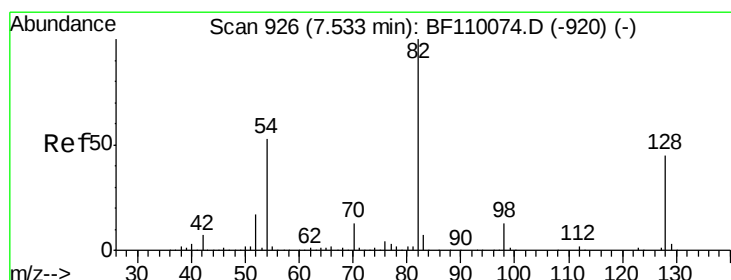
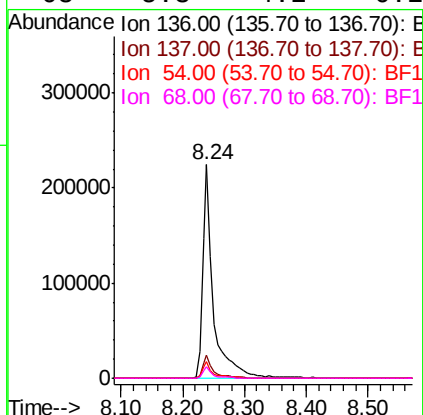
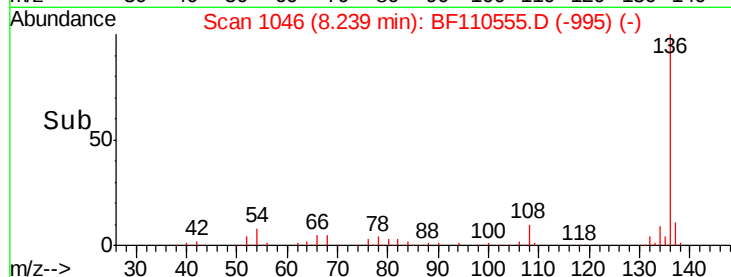
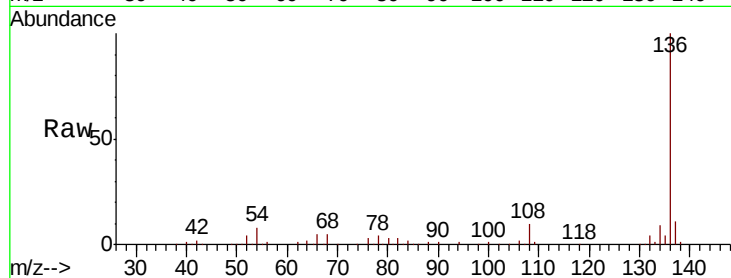




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

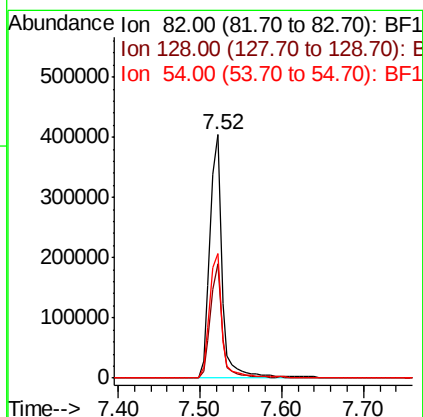
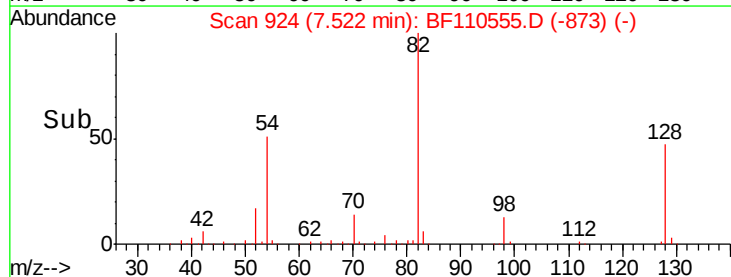
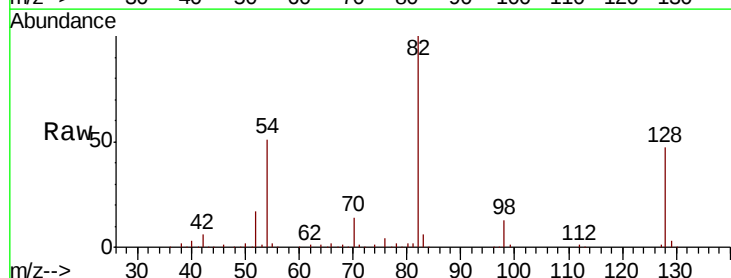
Instrument :
BNA_F
ClientSampleId :

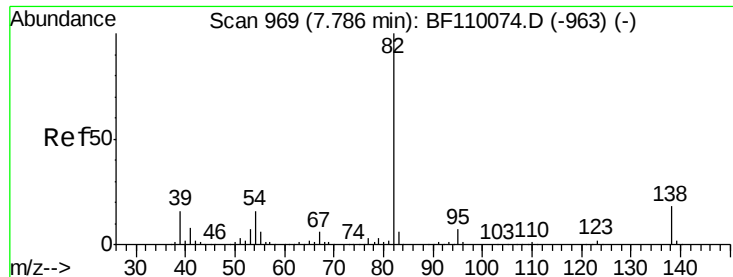
Tot Ion:136	Resp:	275106
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.7	5.4 8.2
68	5.3	4.2 6.2



#23
Nitrobenzene-d5
Concen: 92.141 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

Tgt Ion: 82	Resp:	427367
Ion Ratio	Lower	Upper
82	100	
128	46.8	34.2 51.2
54	51.0	38.6 58.0

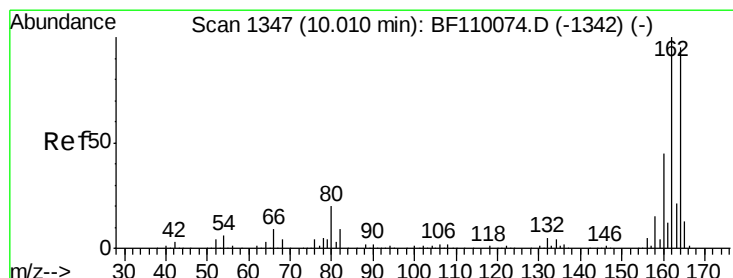
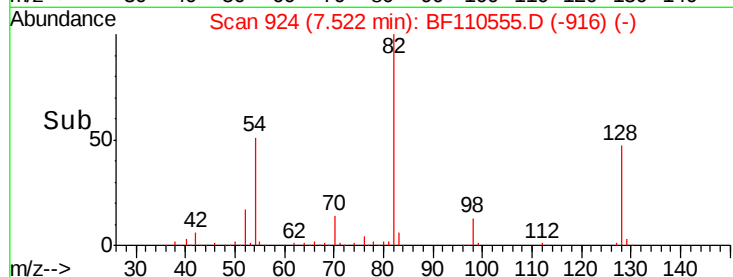
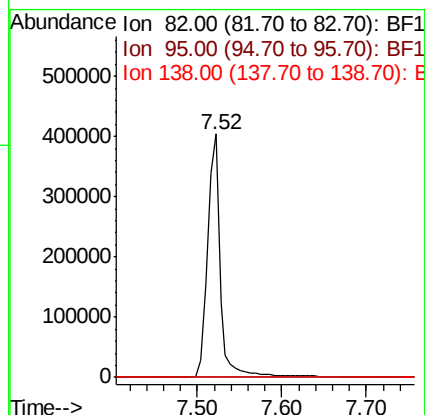
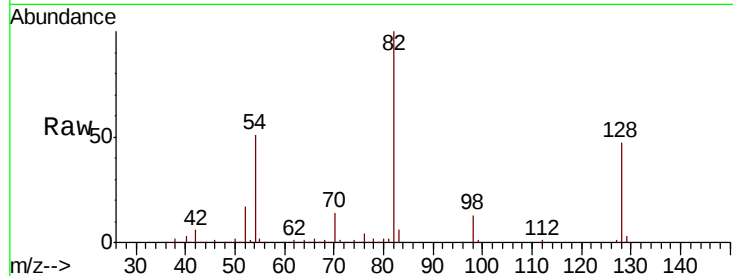




#25
Isophorone
Concen: 54.054 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

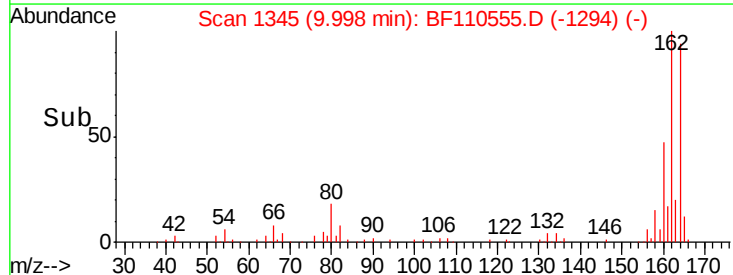
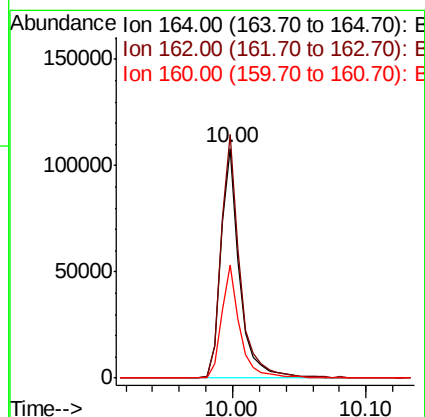
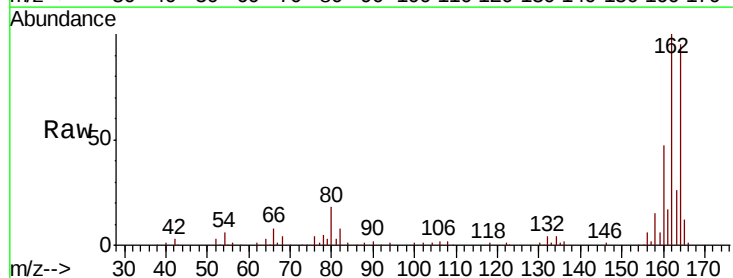
Instrument :
BNA_F
ClientSampled :

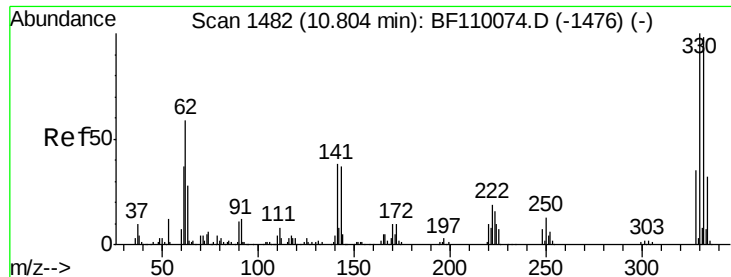
Tot Ion: 82 Resp: 427365
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

Tgt Ion:164 Resp: 107193
Ion Ratio Lower Upper
164 100
162 105.8 83.0 124.6
160 49.2 37.0 55.6

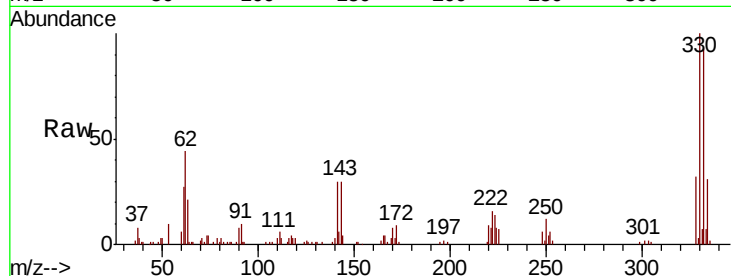




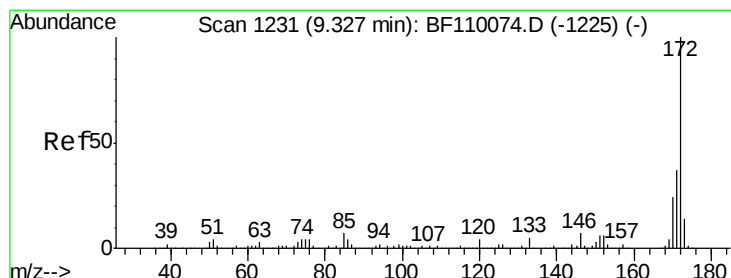
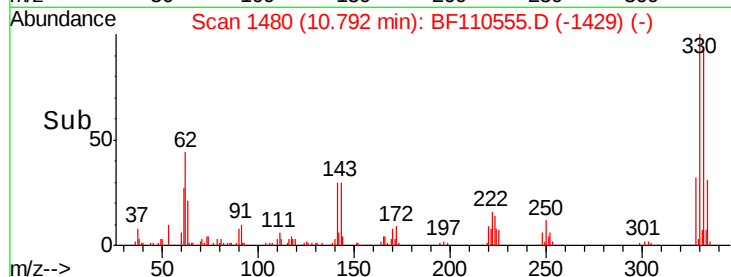
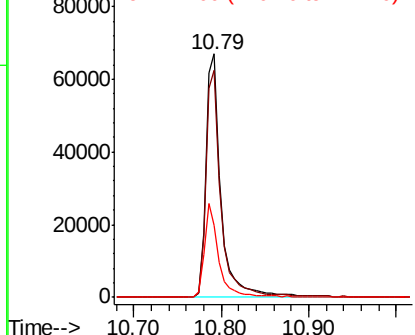
#42
 2,4,6-Tribromophenol
 Concen: 75.725 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110555.D
 Acq: 7 Nov 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 80406
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.1 115.7
 141 36.4 27.0 40.4

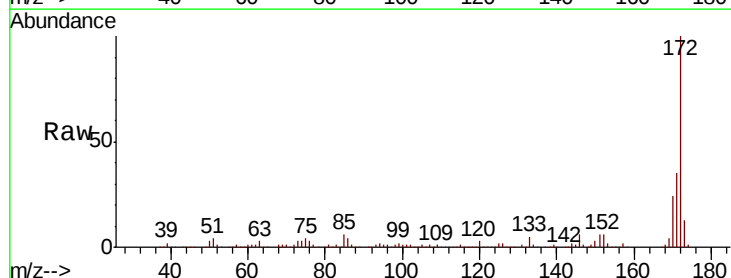


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

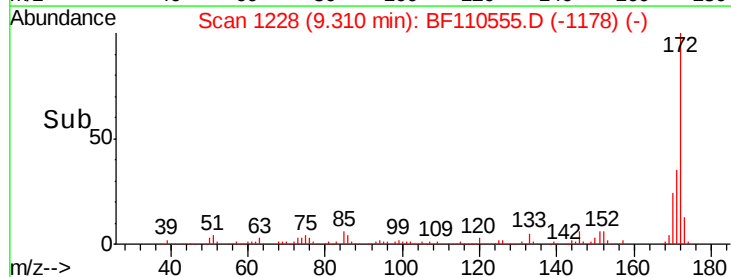
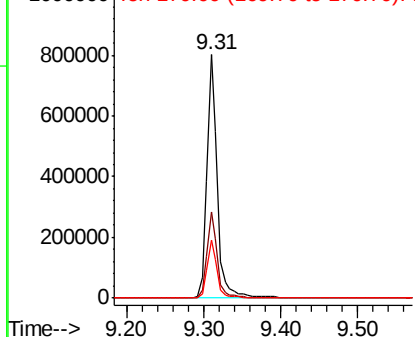


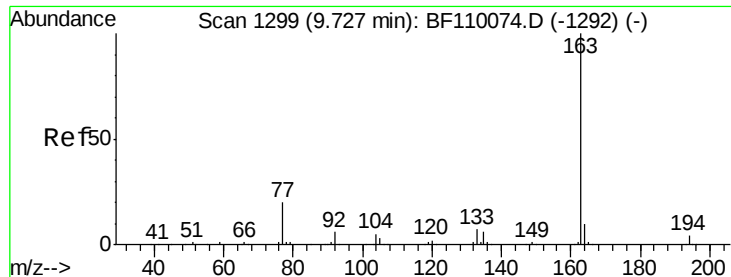
#45
 2-Fluorobiphenyl
 Concen: 110.309 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110555.D
 Acq: 7 Nov 2018 10:40

Tgt Ion:172 Resp: 753019
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.6 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: 2.992 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110555.D

Acq: 7 Nov 2018 10:40

Instrument :

BNA_F

ClientSampleId :

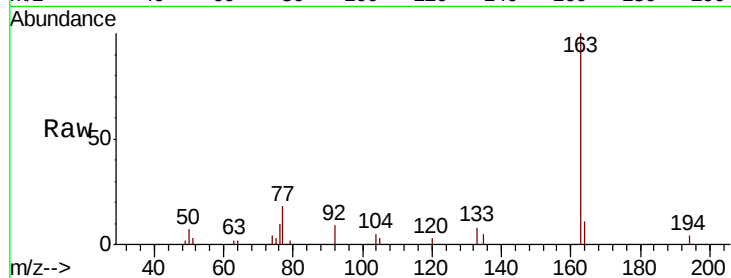
Tot Ion:163 Resp: 23673

Ion Ratio Lower Upper

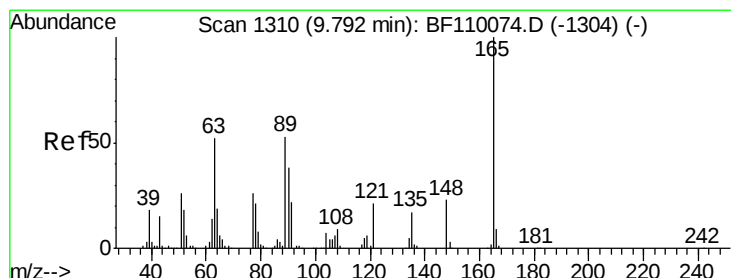
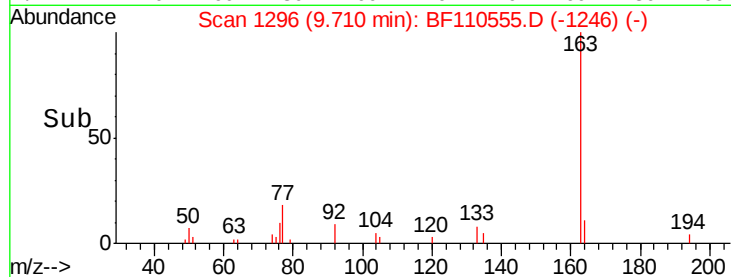
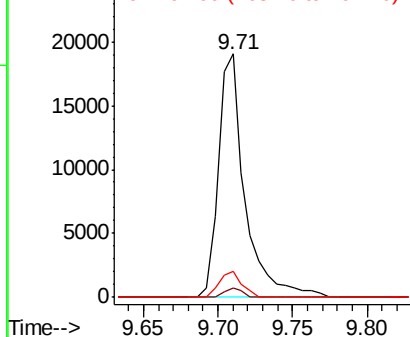
163 100

194 3.9 3.2 4.8

164 10.8 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



#51

2,6-Dinitrotoluene

Concen: 8.025 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110555.D

Acq: 7 Nov 2018 10:40

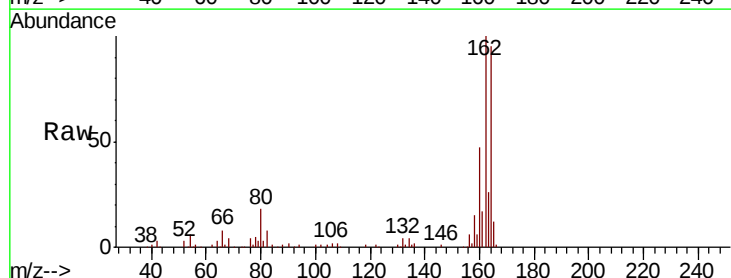
Tgt Ion:165 Resp: 13678

Ion Ratio Lower Upper

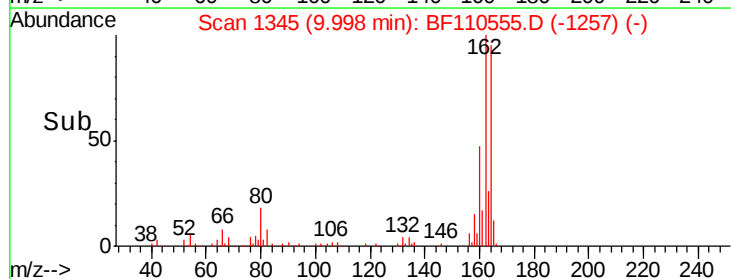
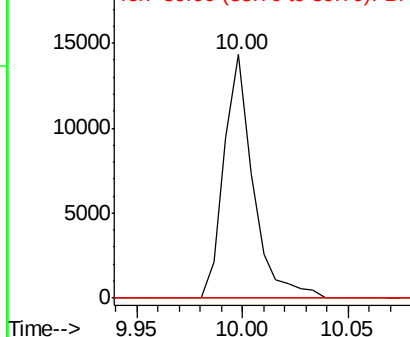
165 100

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

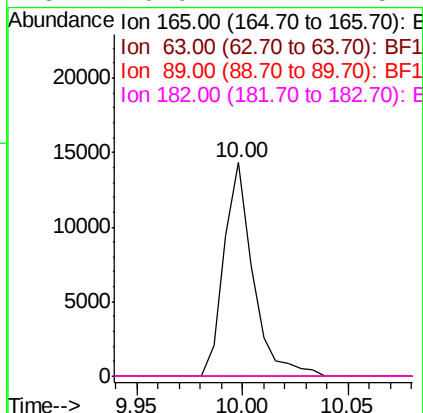
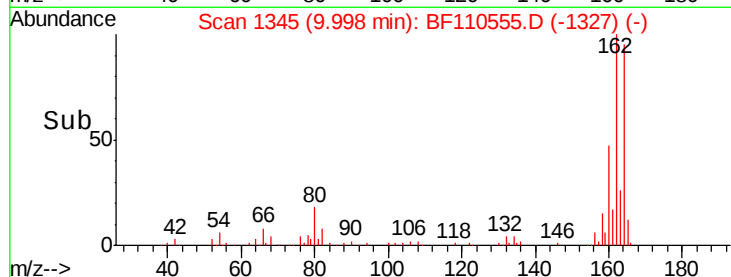
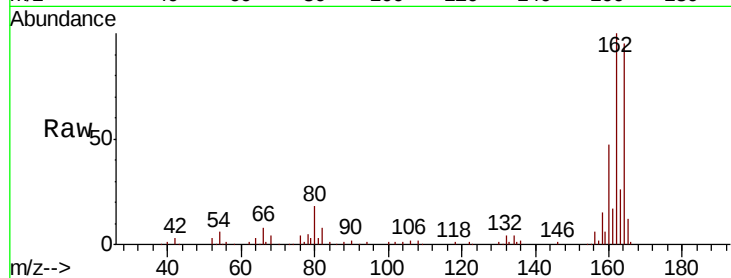




#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

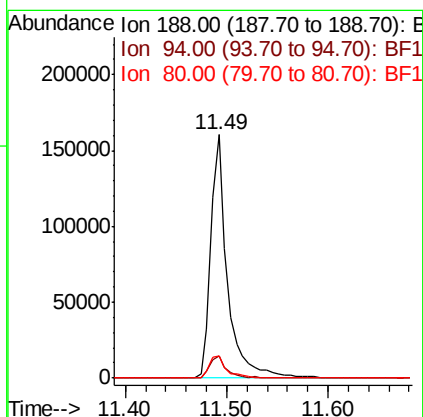
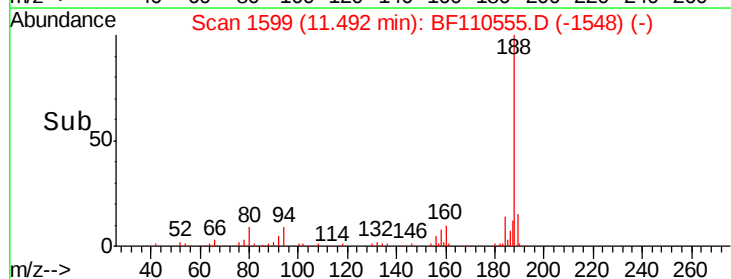
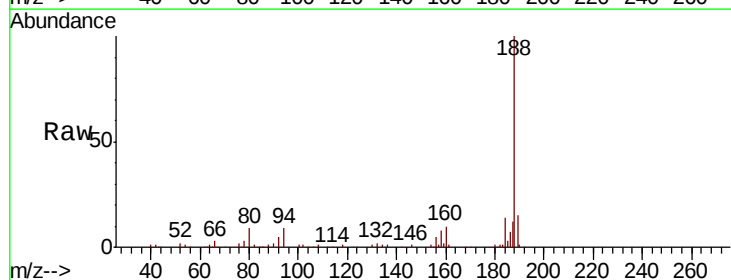
Instrument :
BNA_F
ClientSampleId :

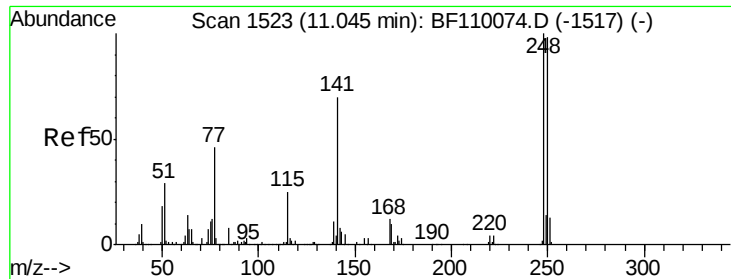
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.3	7.9	11.9

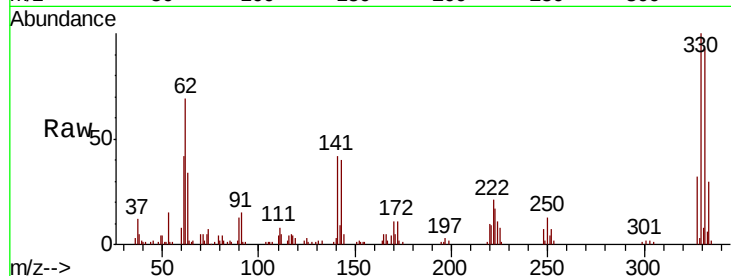




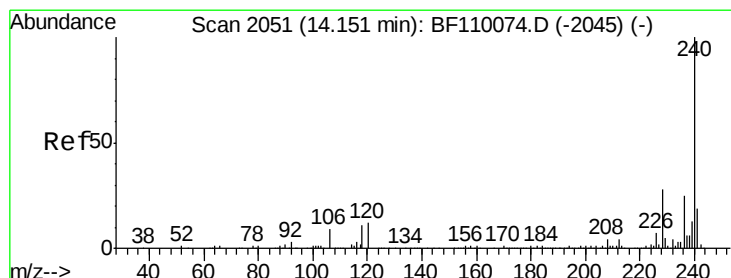
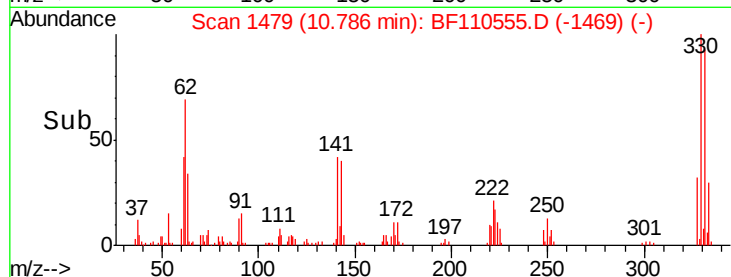
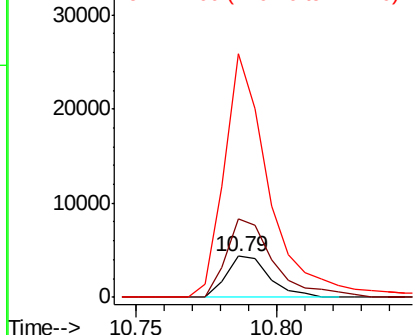
#67
4-Bromophenyl-phenylether
Concen: 2.336 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 4645
Ion Ratio Lower Upper
248 100
250 192.4 79.4 119.2#
141 597.6 55.9 83.9#

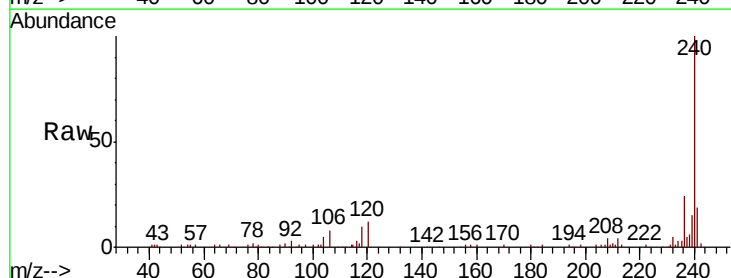


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

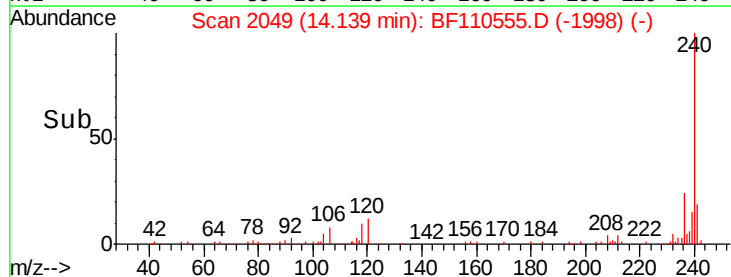
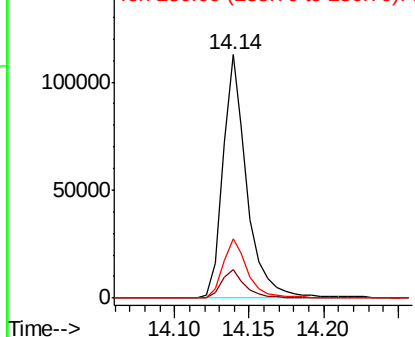


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110555.D
Acq: 7 Nov 2018 10:40

Tgt Ion:240 Resp: 127156
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 24.3 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: 104.561 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110555.D

Acq: 7 Nov 2018 10:40

Instrument :

BNA_F

ClientSampleId :

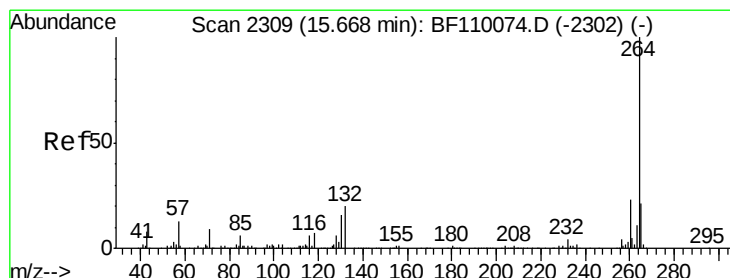
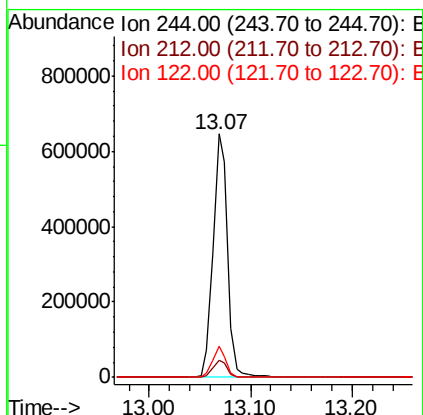
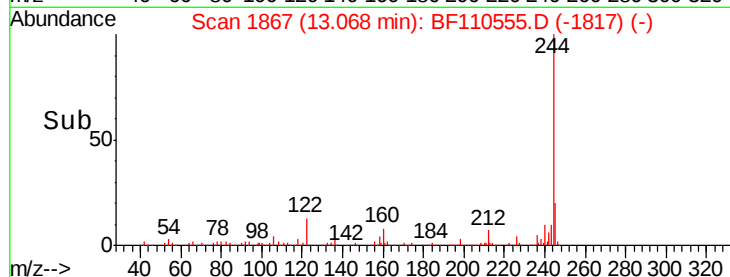
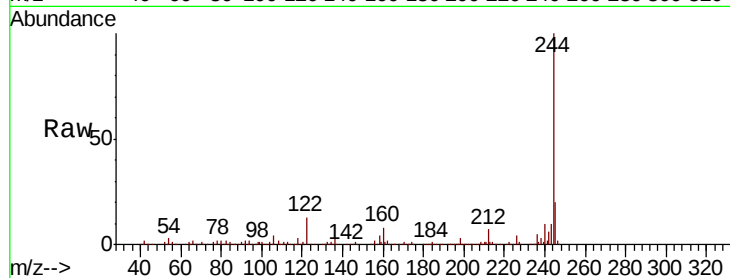
Tot Ion:244 Resp: 639299

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 13.0 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110555.D

Acq: 7 Nov 2018 10:40

Tgt Ion:264 Resp: 89293

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

265 22.0 16.7 25.1

