

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110552.D
 Acq On : 7 Nov 2018 9:20
 Operator : JU/SJ
 Sample : J5808-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 13:53:23 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

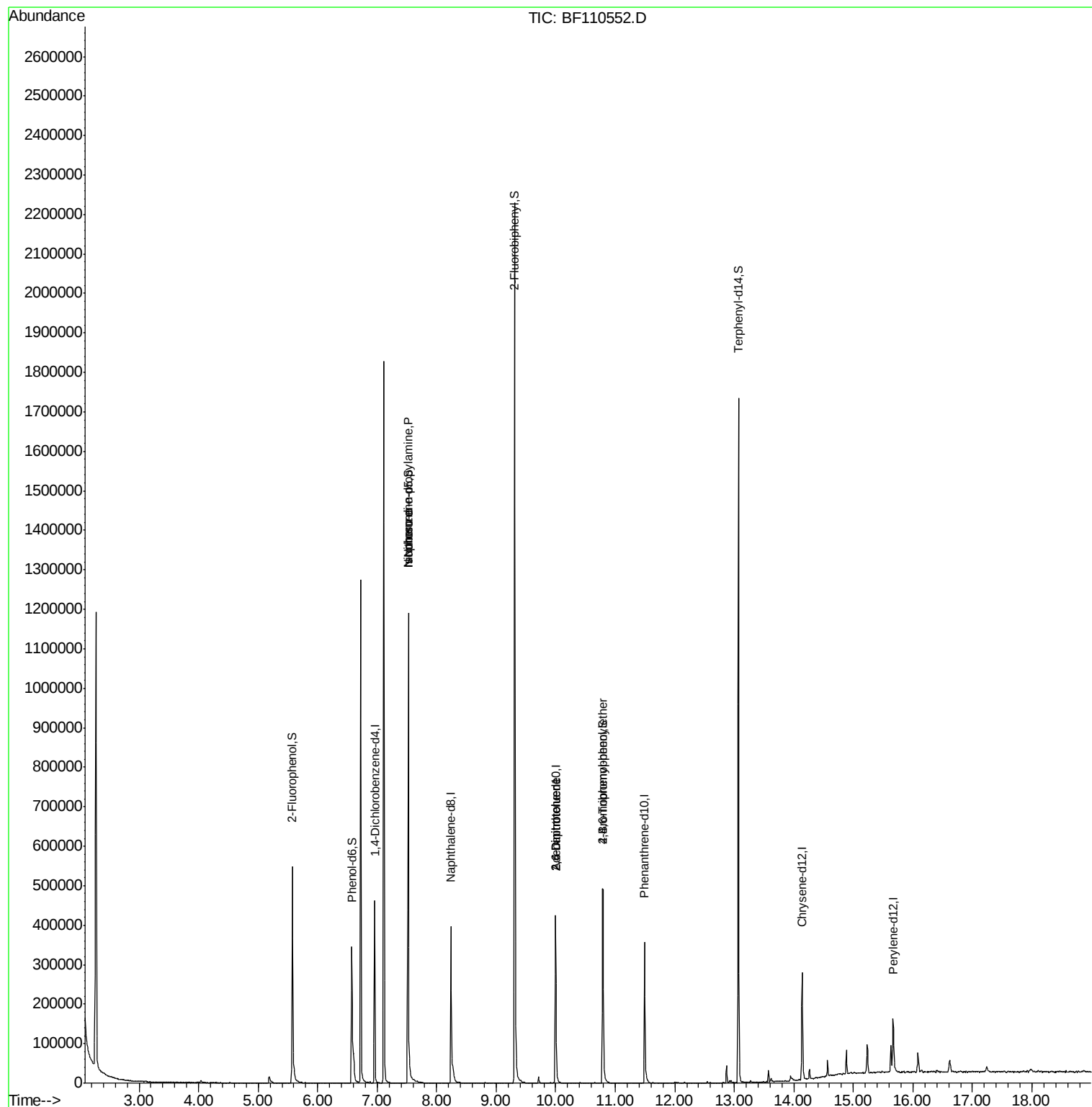
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	71985	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	251805	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	97621	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	170422	20.00	ng	0.00
76) Chrysene-d12	14.14	240	114860	20.00	ng	0.00
87) Perylene-d12	15.67	264	81162	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	179276	40.56	ng	0.00
7) Phenol-d6	6.57	99	134811	23.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	425516	100.23	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	76281	78.88	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	739338	118.92	ng	0.00
79) Terphenyl-d14	13.07	244	621751	112.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	56373	15.541	ng	# 76
25) Isophorone	7.52	82	425513	58.800	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	11797	7.600	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	11797	5.983	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4639	2.509	ng	# 1

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

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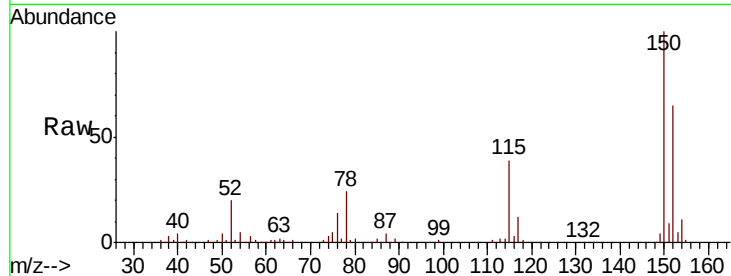


#1

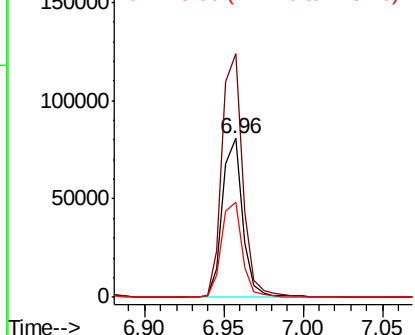
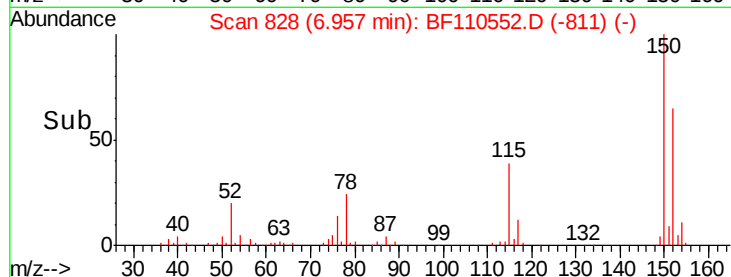
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110552.D
Acq: 7 Nov 2018 9:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71985
Ion Ratio Lower Upper
152 100
150 153.0 122.7 184.1
115 60.2 49.1 73.7



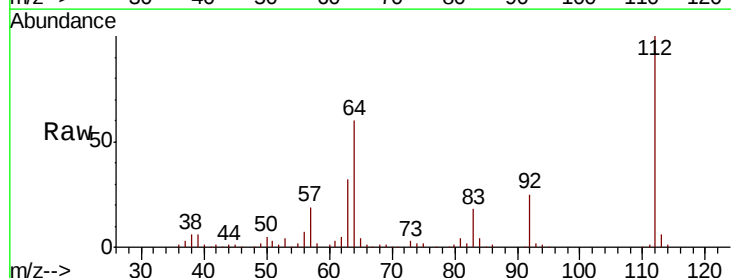
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



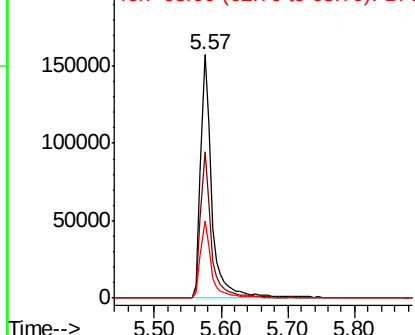
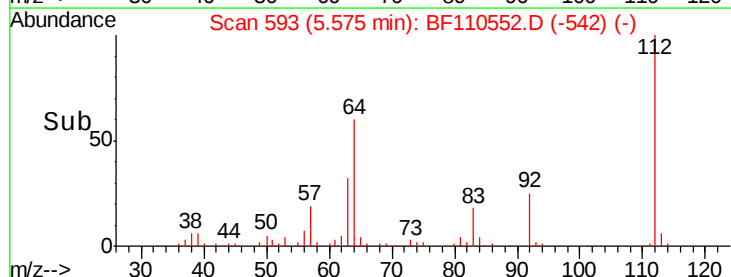
#5

2-Fluorophenol
Concen: 40.556 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110552.D
Acq: 7 Nov 2018 9:20

Tgt Ion:112 Resp: 179276
Ion Ratio Lower Upper
112 100
64 60.1 44.1 66.1
63 31.7 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: 23.843 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Instrument :

BNA_F

ClientSampleId :

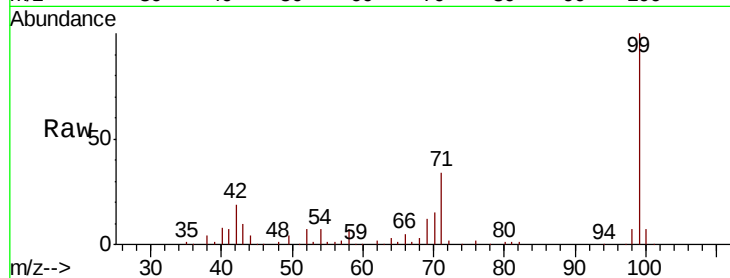
Tot Ion: 99 Resp: 134811

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

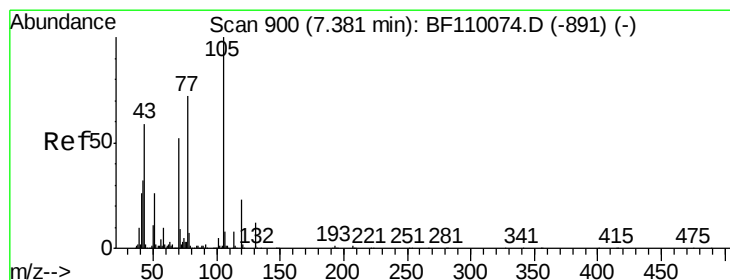
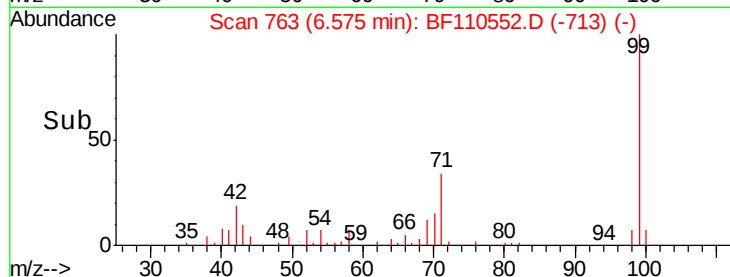
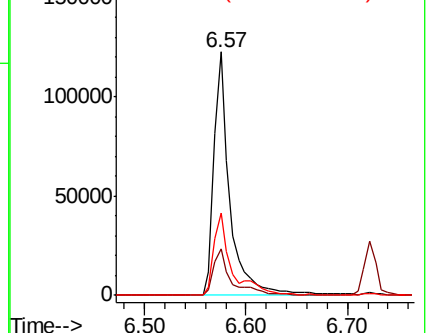
71 33.7 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.541 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Tgt Ion: 70 Resp: 56373

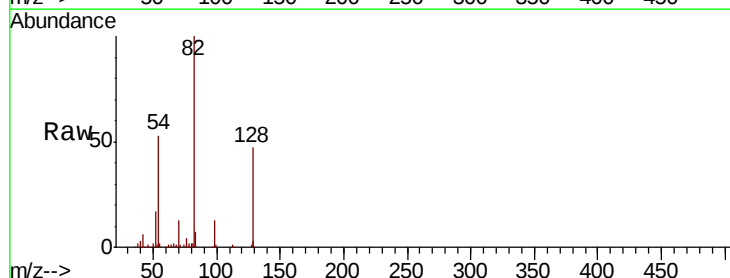
Ion Ratio Lower Upper

70 100

42 45.8 47.4 71.2#

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

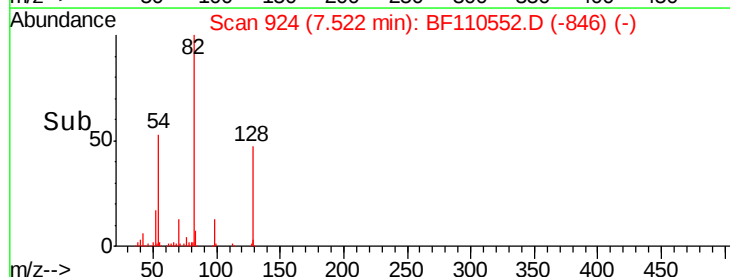
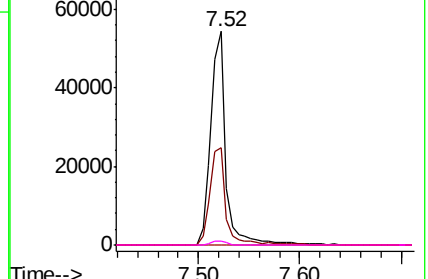


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF110552.D

Acq: 7 Nov 2018 9:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 251805

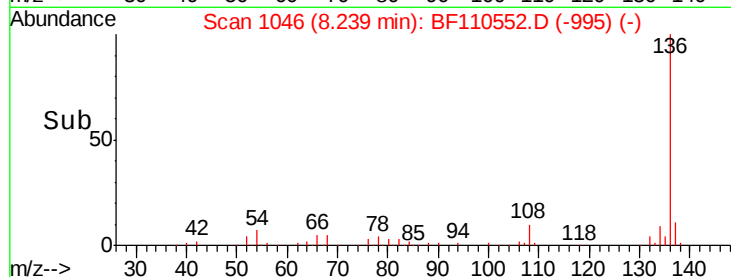
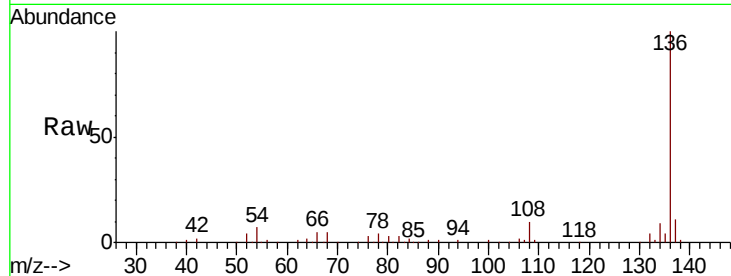
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.5 5.4 8.2

68 4.9 4.2 6.2

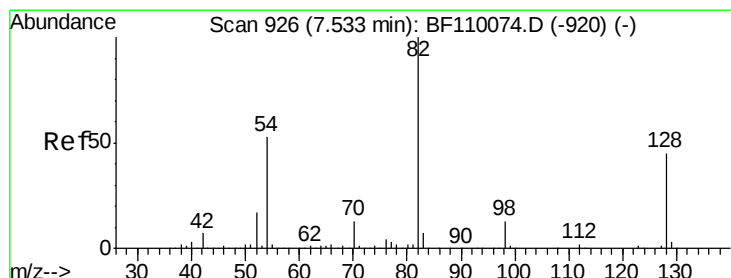
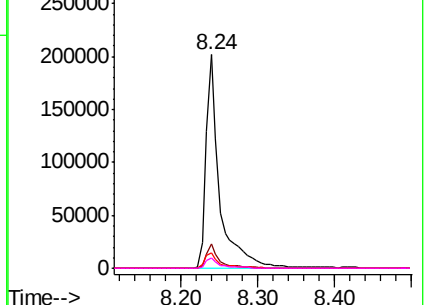


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 100.231 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

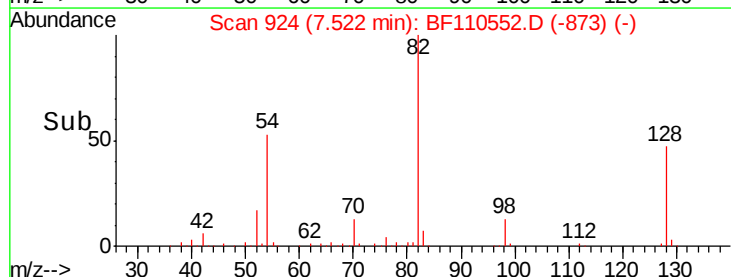
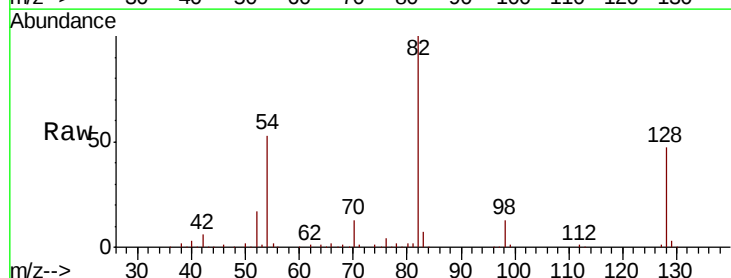
Tgt Ion: 82 Resp: 425516

Ion Ratio Lower Upper

82 100

128 47.1 34.2 51.2

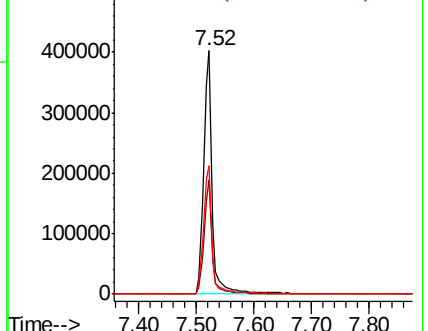
54 52.8 38.6 58.0

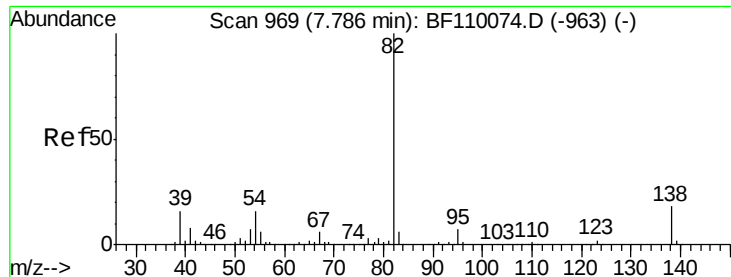


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 58.800 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Instrument :

BNA_F

ClientSampled :

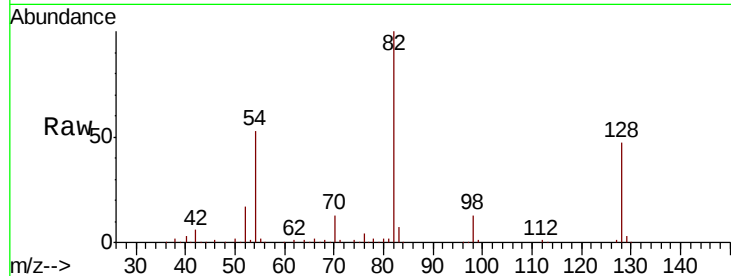
Tot Ion: 82 Resp: 425513

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

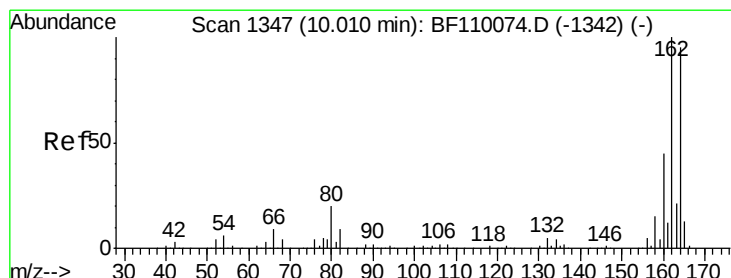
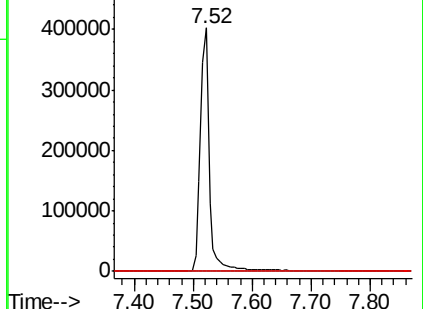
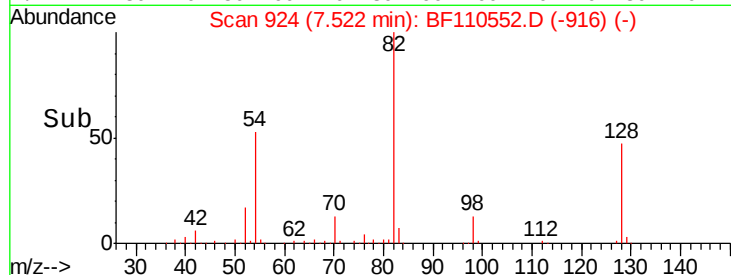
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF110074.D (-963) (-)

Ion 95.00 (94.70 to 95.70): BF110074.D (-963) (-)

Ion 138.00 (137.70 to 138.70): BF110074.D (-963) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

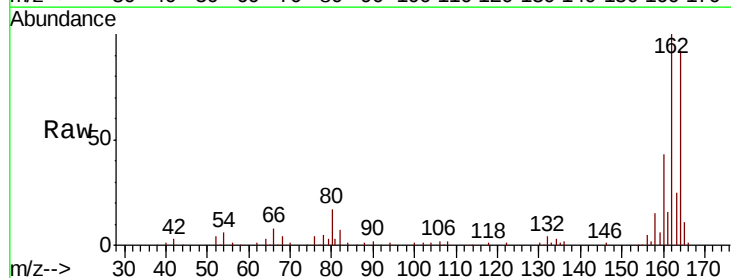
Tgt Ion:164 Resp: 97621

Ion Ratio Lower Upper

164 100

162 108.7 83.0 124.6

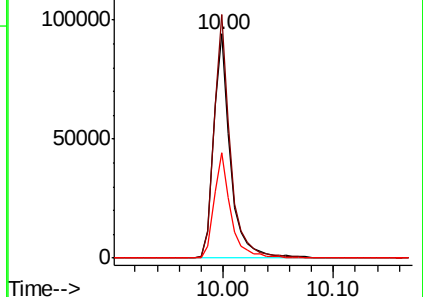
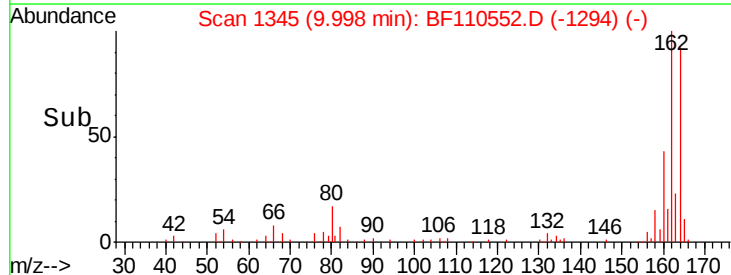
160 47.0 37.0 55.6

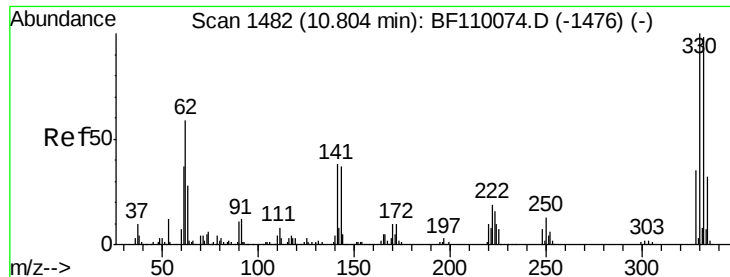


Abundance Ion 164.00 (163.70 to 164.70): BF110074.D (-1342) (-)

Ion 162.00 (161.70 to 162.70): BF110074.D (-1342) (-)

Ion 160.00 (159.70 to 160.70): BF110074.D (-1342) (-)





#42

2,4,6-Tribromophenol

Concen: 78.884 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Instrument :

BNA_F

ClientSampleId :

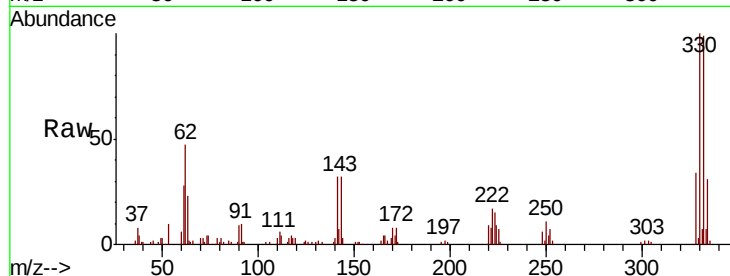
Tot Ion:330 Resp: 76281

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

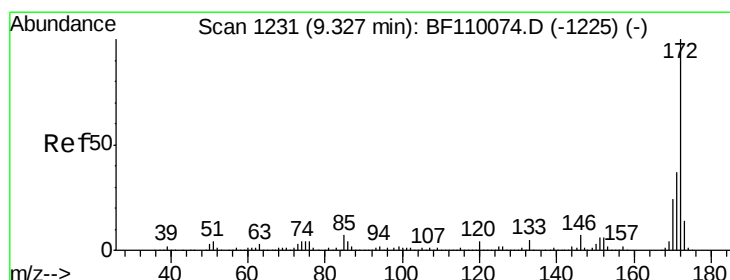
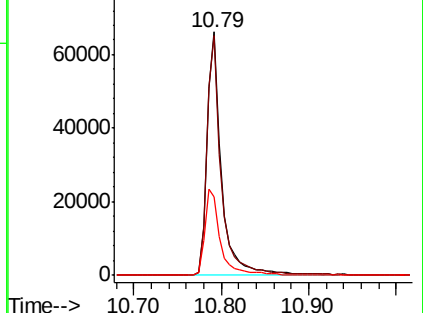
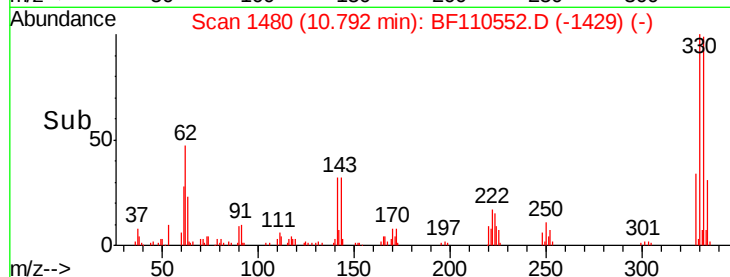
141 37.5 27.0 40.4



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: 118.924 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

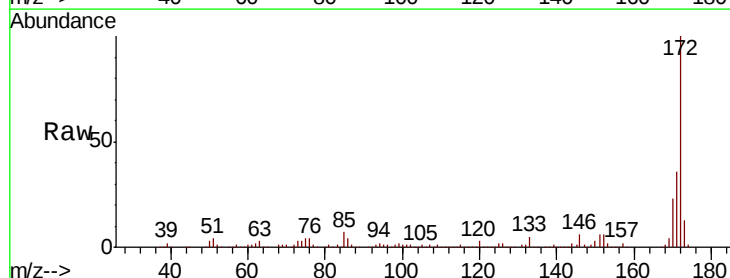
Tgt Ion:172 Resp: 739338

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

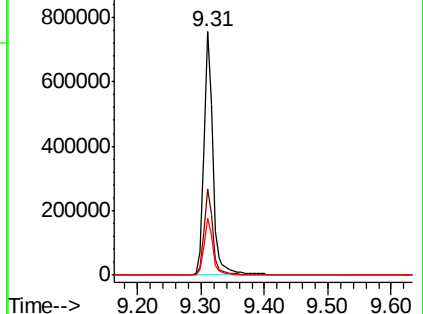
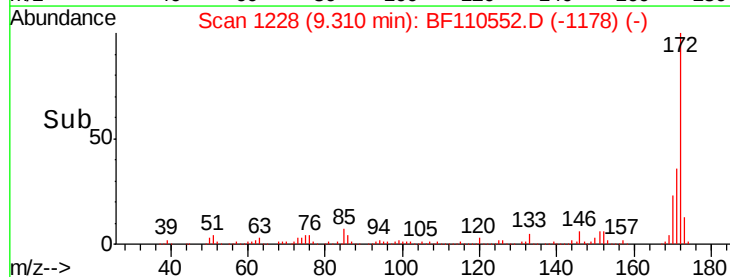
170 23.2 19.7 29.5



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

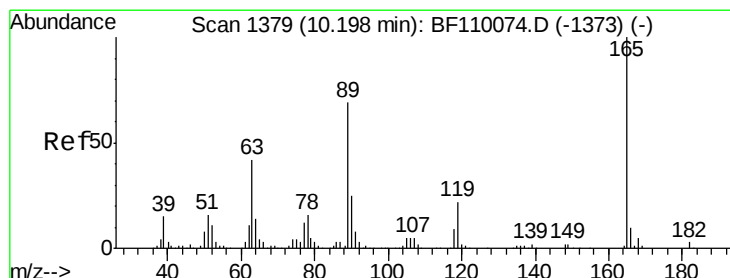
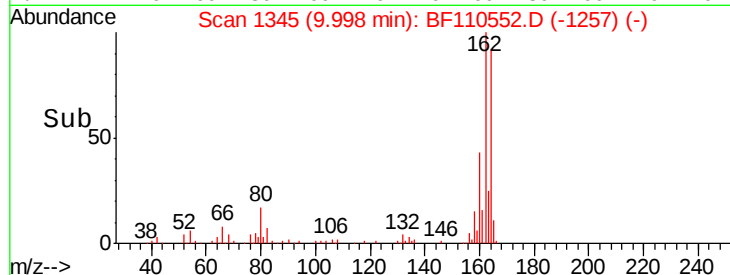
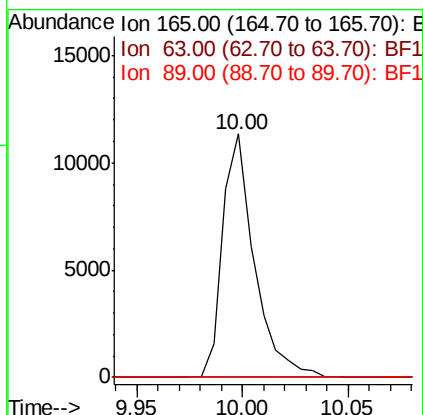
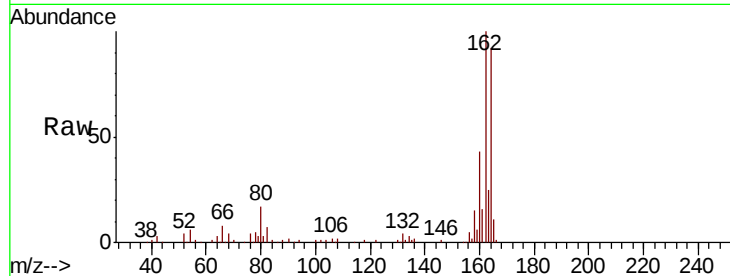




#51
 2,6-Dinitrotoluene
 Concen: 7.600 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110552.D
 Acq: 7 Nov 2018 9:20

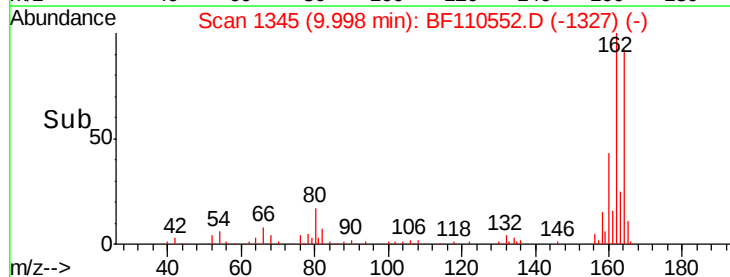
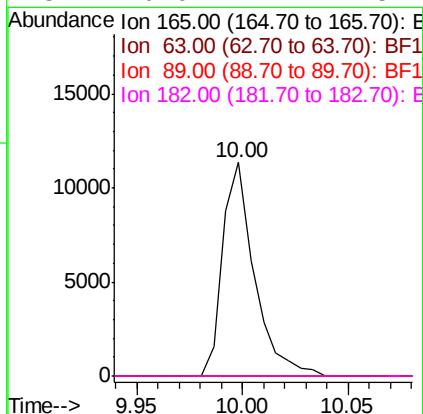
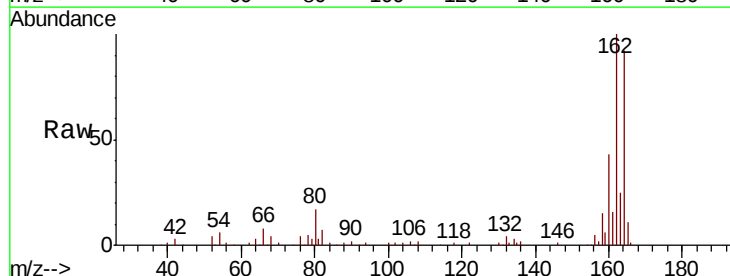
Instrument :
 BNA_F
 ClientSampleId :

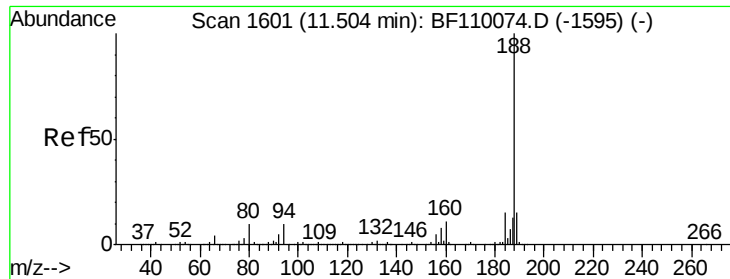
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.983 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110552.D
 Acq: 7 Nov 2018 9:20

Tgt 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: BF110552.D

Acq: 7 Nov 2018 9:20

Instrument :

BNA_F

ClientSampleId :

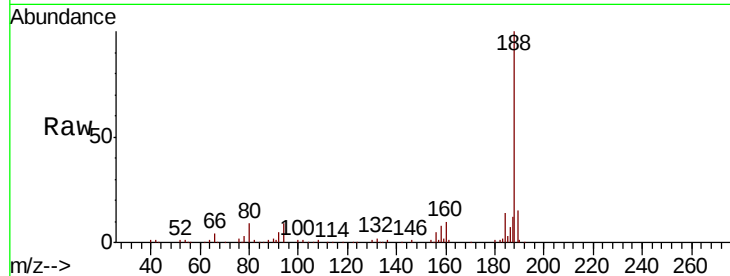
Tot Ion:188 Resp: 170422

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

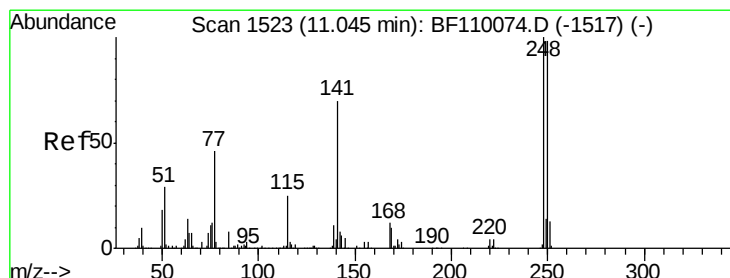
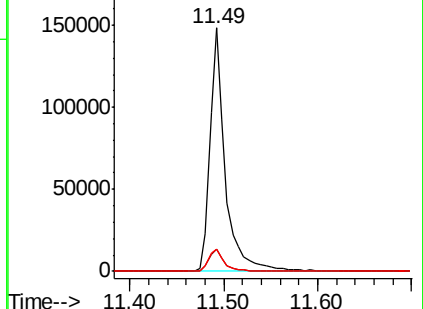
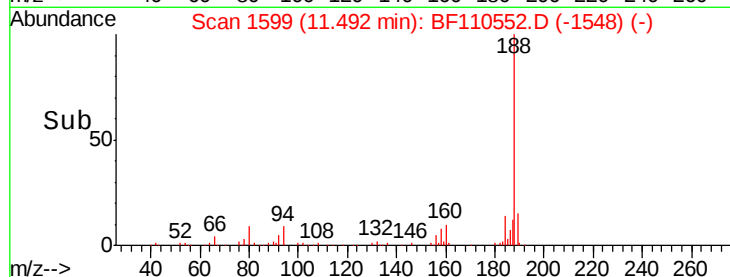
80 9.2 7.9 11.9



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: 2.509 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

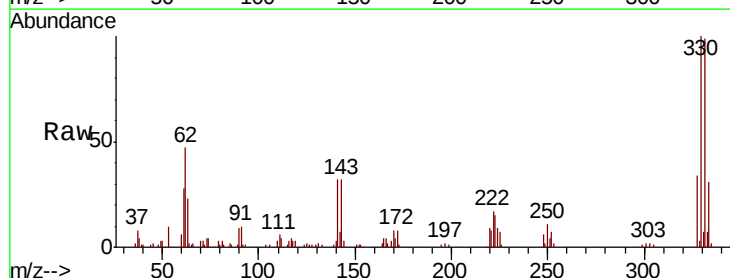
Tgt Ion:248 Resp: 4639

Ion Ratio Lower Upper

248 100

250 176.7 79.4 119.2#

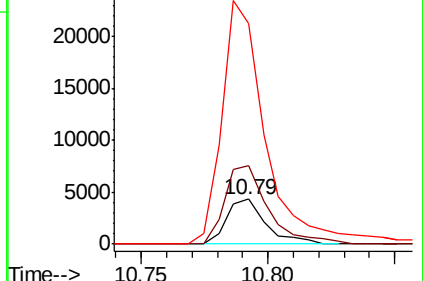
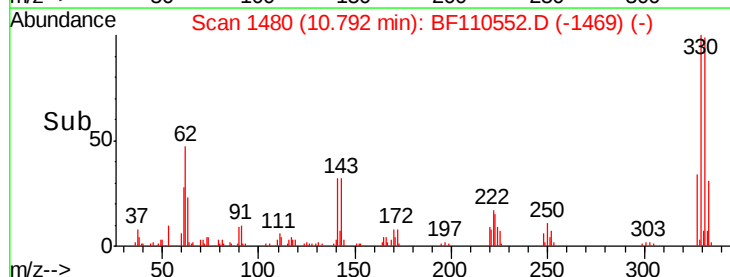
141 494.6 55.9 83.9#

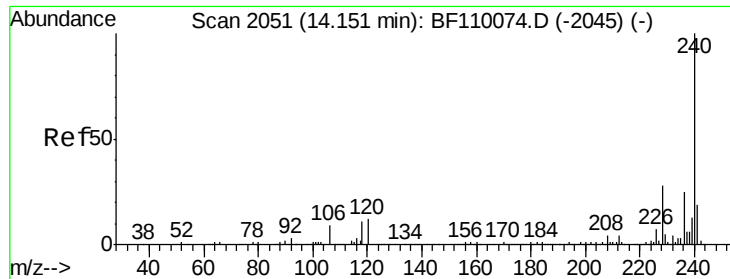


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

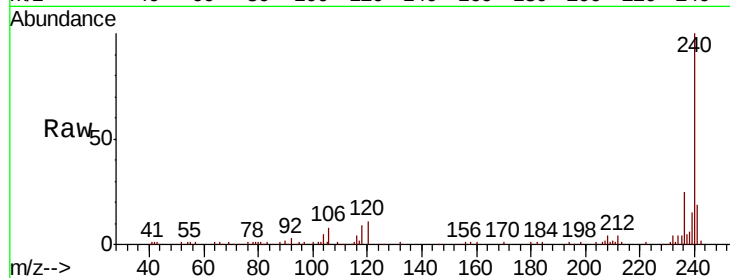




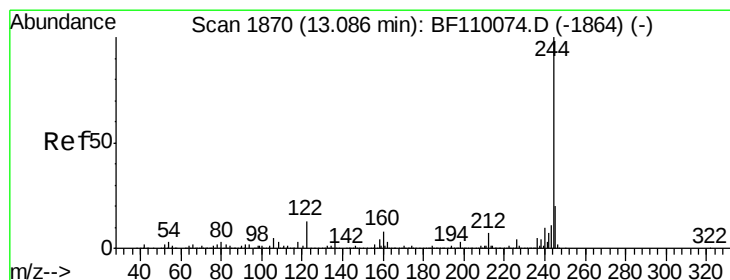
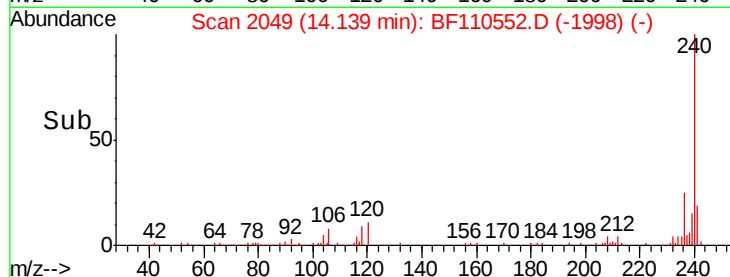
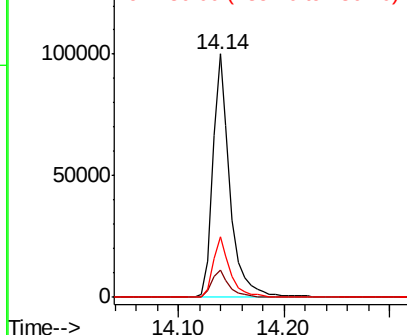
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110552.D
Acq: 7 Nov 2018 9:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 114860
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.0 21.2 31.8

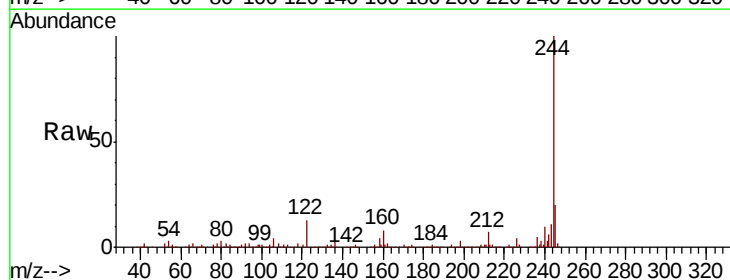


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

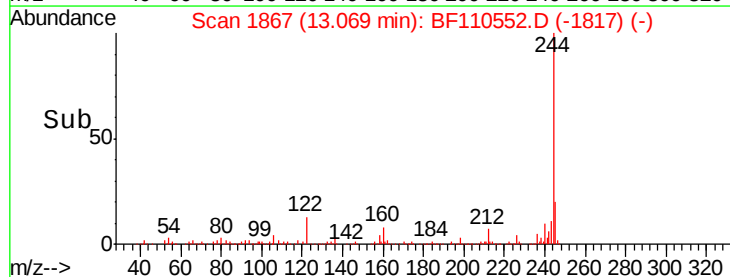
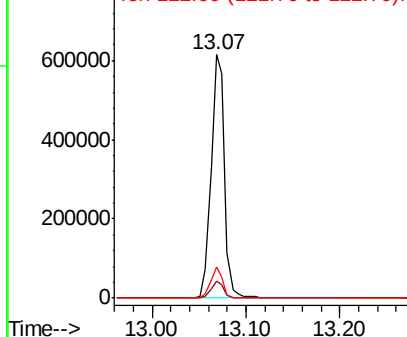


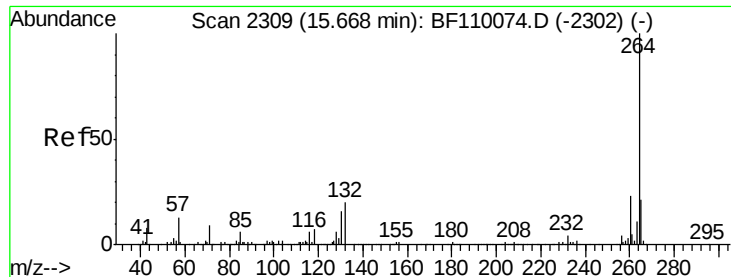
#79
Terphenyl-d14
Concen: 112.577 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110552.D
Acq: 7 Nov 2018 9:20

Tgt Ion:244 Resp: 621751
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.6 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

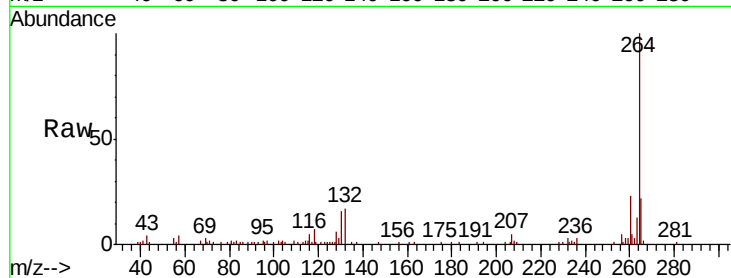




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110552.D
Acq: 7 Nov 2018 9:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 81162
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.5 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

