

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110497.D
 Acq On : 6 Nov 2018 6:43
 Operator : JU/SJ
 Sample : J5810-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 09:39:50 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

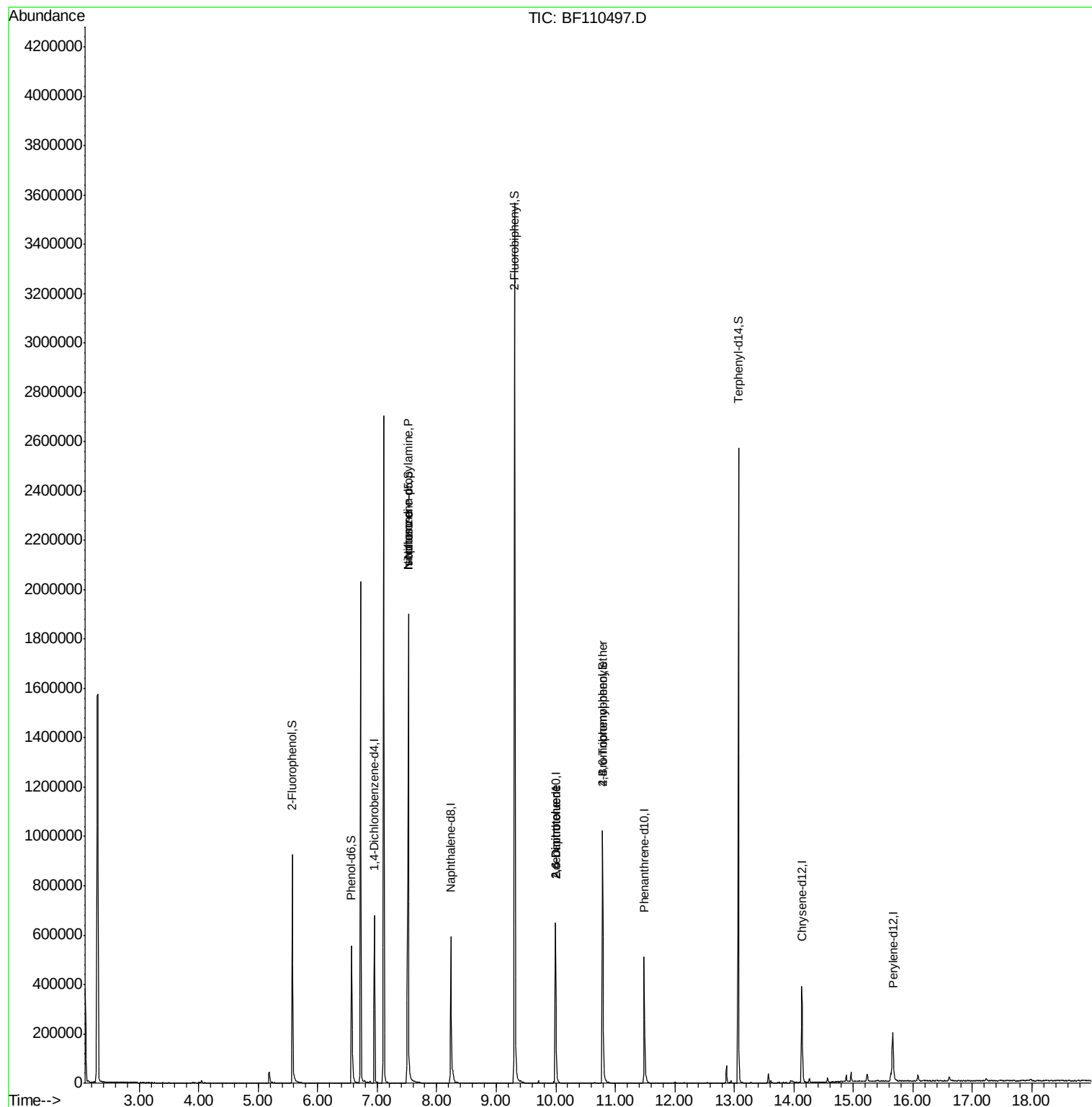
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99283	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	386068	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	164210	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	245848	20.00	ng	0.00
76) Chrysene-d12	14.13	240	168228	20.00	ng	0.00
87) Perylene-d12	15.66	264	127870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	261290	42.86	ng	0.00
7) Phenol-d6	6.57	99	213495	27.38	ng	-0.01
23) Nitrobenzene-d5	7.52	82	697661	107.18	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	136045	83.64	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1238855	118.47	ng	0.00
79) Terphenyl-d14	13.07	244	830213	102.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	91941	18.378	ng	# 79
25) Isophorone	7.52	82	697657	62.879	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	21027	8.053	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	21027	6.340	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8396	3.148	ng	# 1

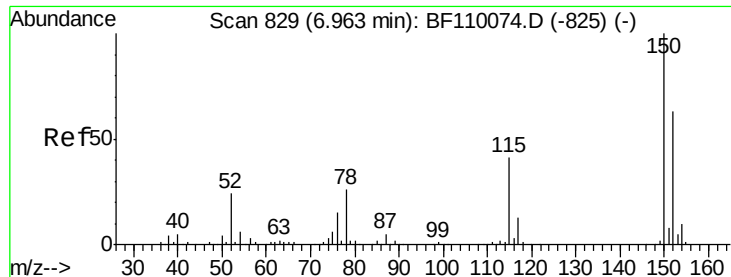
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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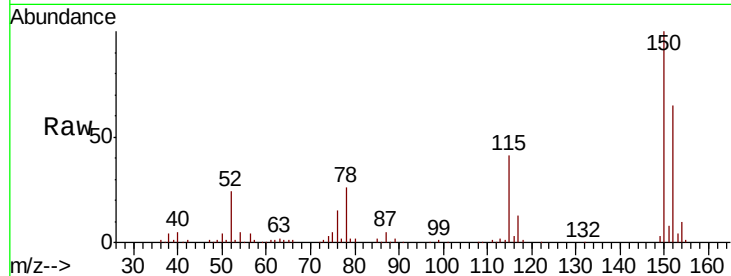


#1

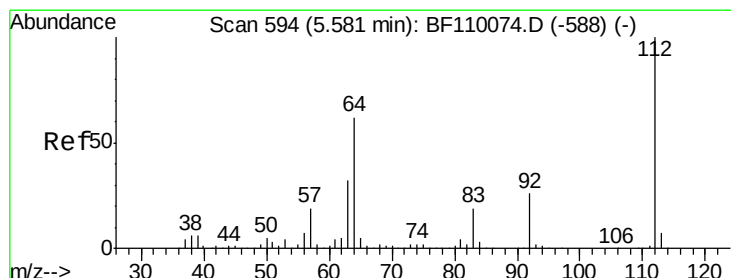
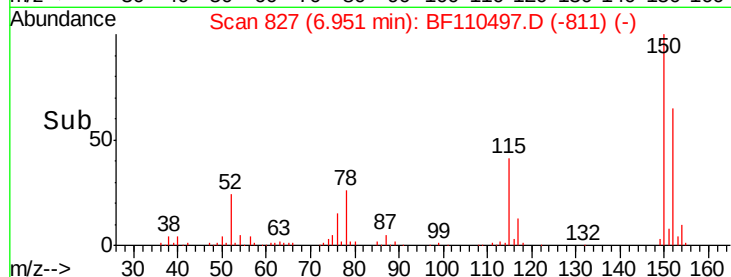
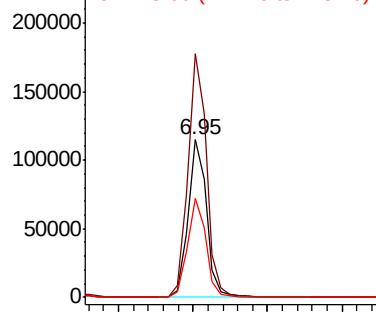
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110497.D
Acq: 6 Nov 2018 6:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99283
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 62.6 49.1 73.7



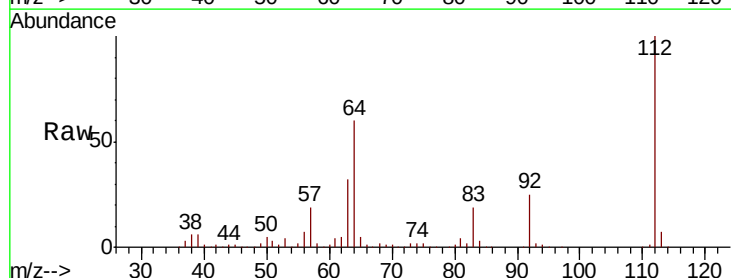
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



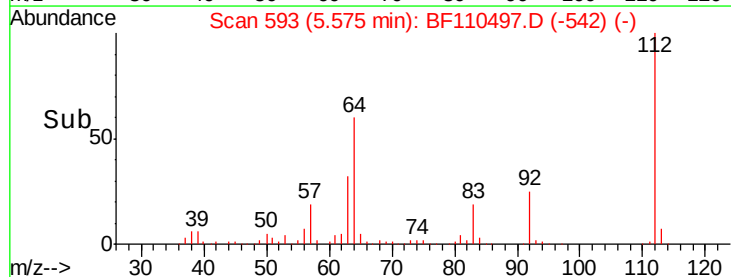
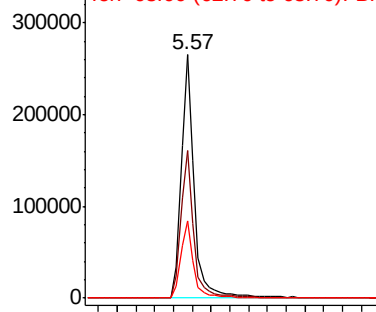
#5

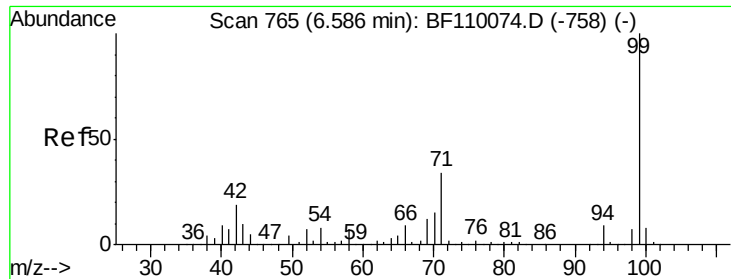
2-Fluorophenol
Concen: 42.857 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110497.D
Acq: 6 Nov 2018 6:43

Tgt Ion:112 Resp: 261290
Ion Ratio Lower Upper
112 100
64 60.4 44.1 66.1
63 31.6 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: 27.377 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

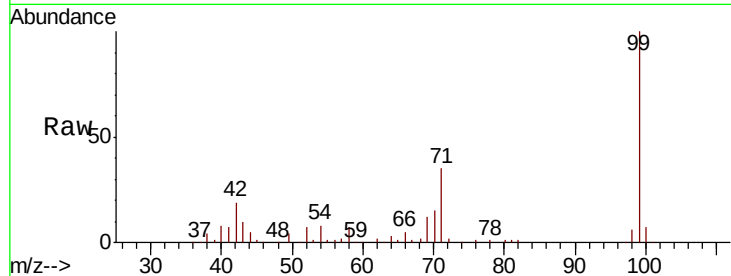
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 213495

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	34.6	28.0	42.0

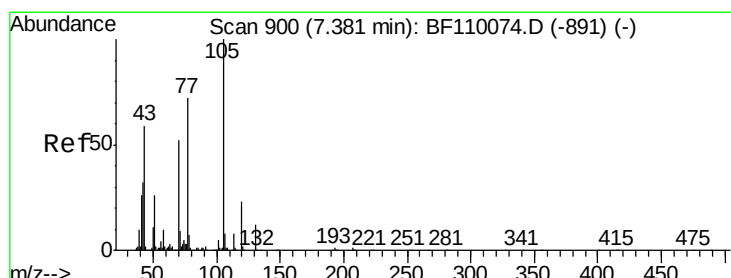
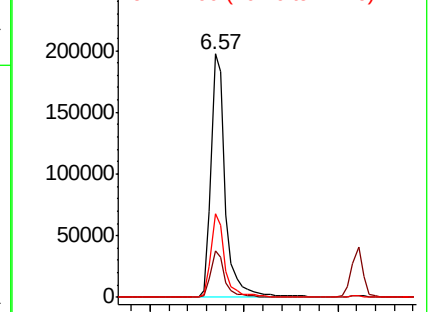
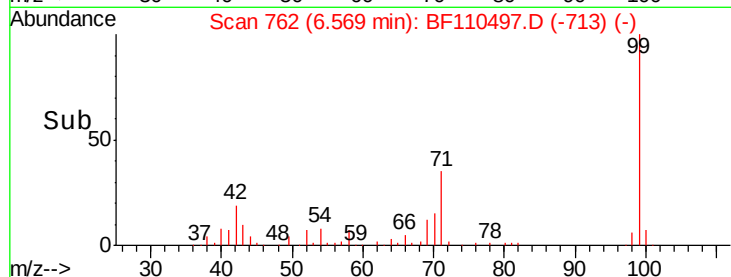


Abundance

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: 18.378 ng

RT: 7.52 min Scan# 924

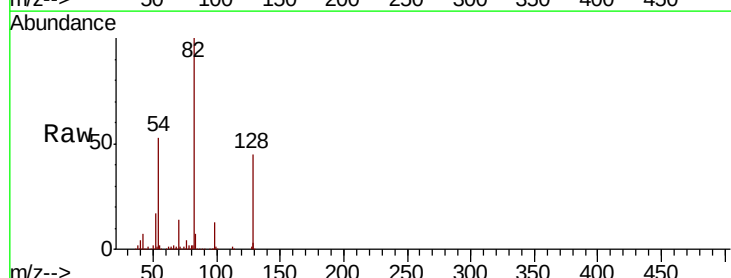
Delta R.T. 0.16 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Tgt Ion: 70 Resp: 91941

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



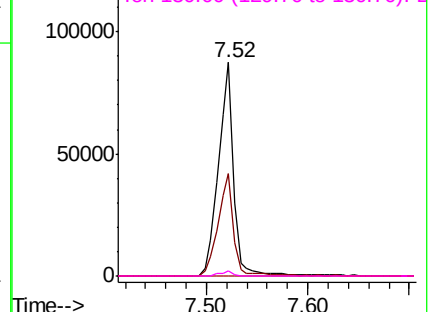
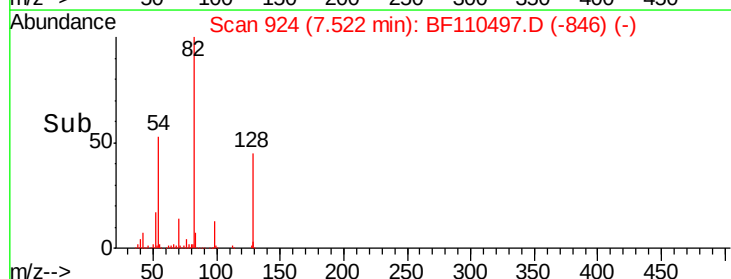
Abundance

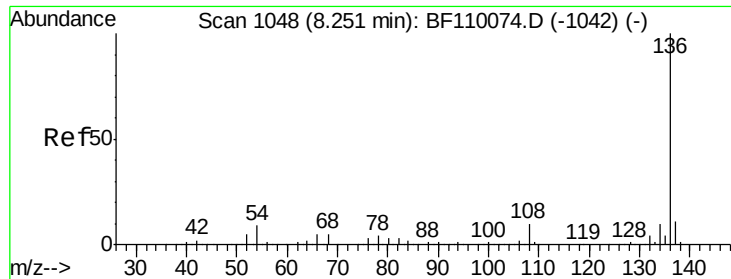
Ion 70.00 (69.70 to 70.70): BF1

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: BF110497.D

Acq: 6 Nov 2018 6:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 386068

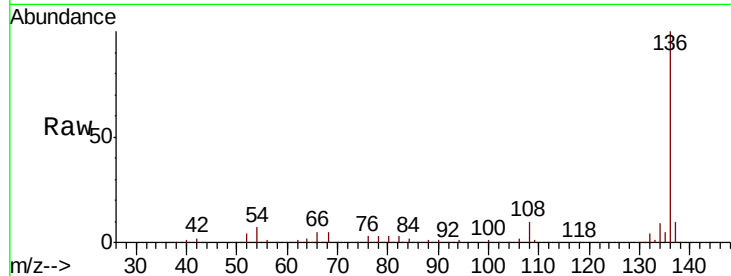
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.1 5.4 8.2

68 4.8 4.2 6.2

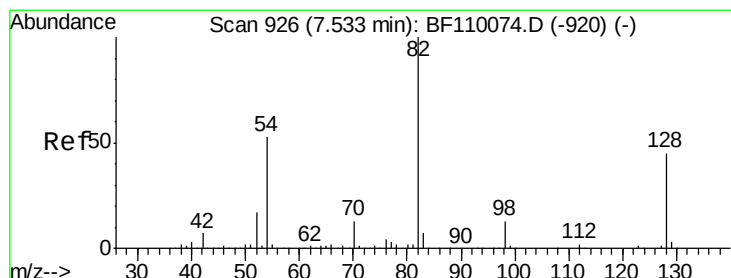
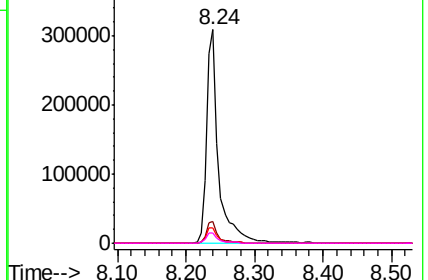
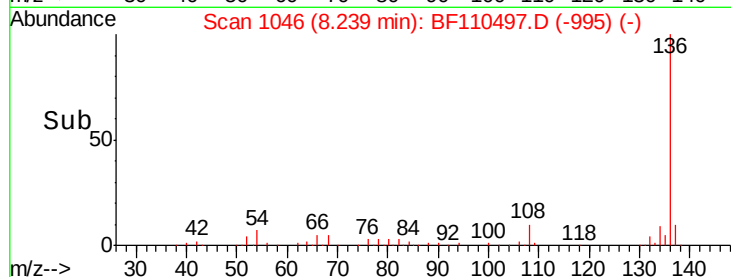


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.184 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

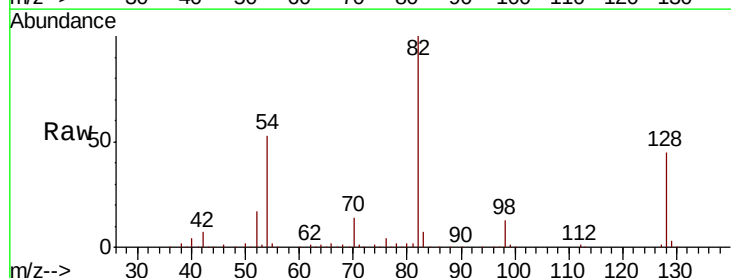
Tgt Ion: 82 Resp: 697661

Ion Ratio Lower Upper

82 100

128 45.2 34.2 51.2

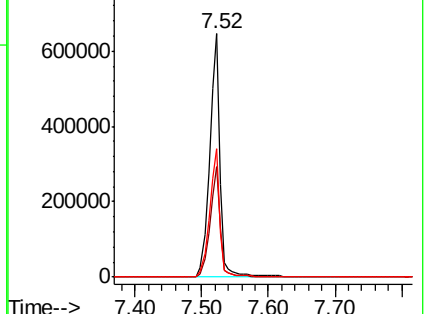
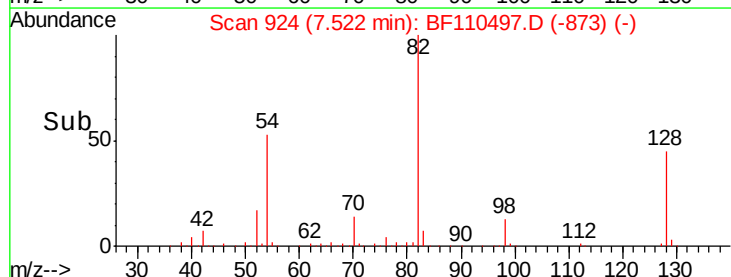
54 52.5 38.6 58.0

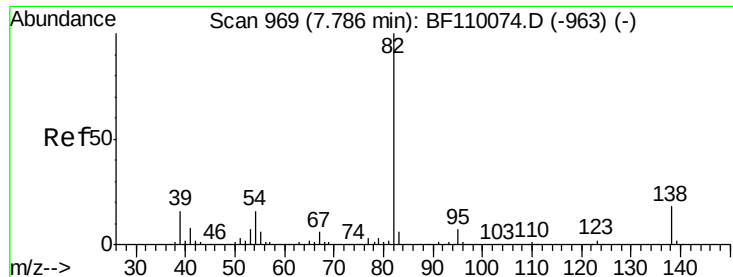


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 62.879 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Instrument :

BNA_F

ClientSampleId :

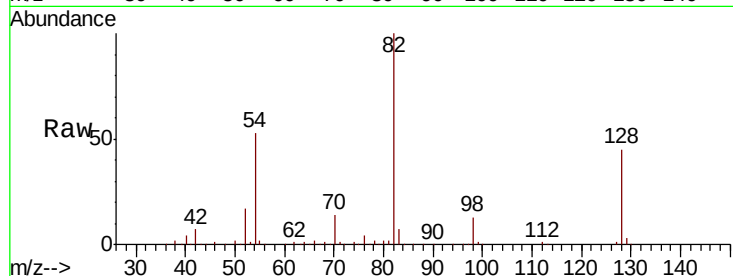
Tot Ion: 82 Resp: 697657

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

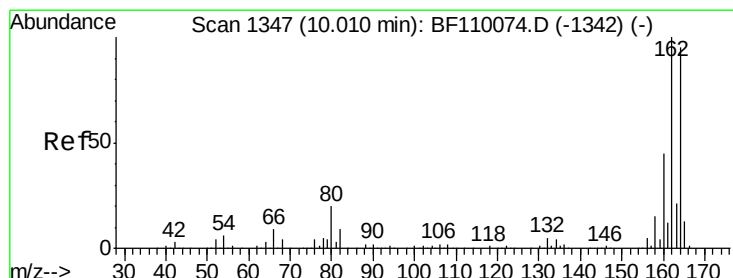
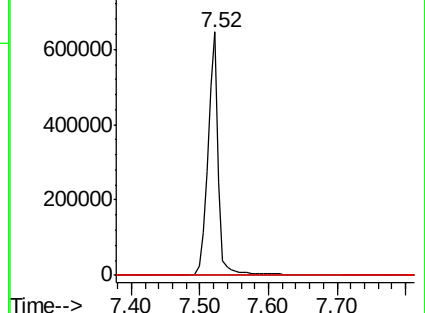
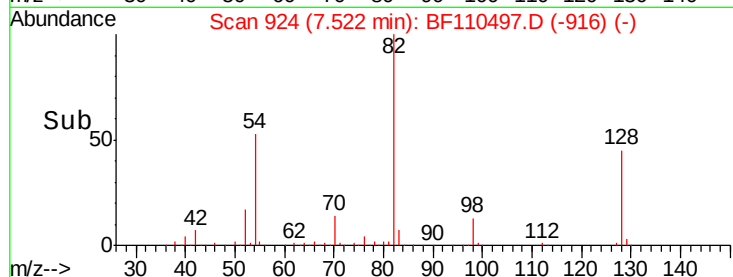
138 0.0 13.2 19.8#



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: BF110497.D

Acq: 6 Nov 2018 6:43

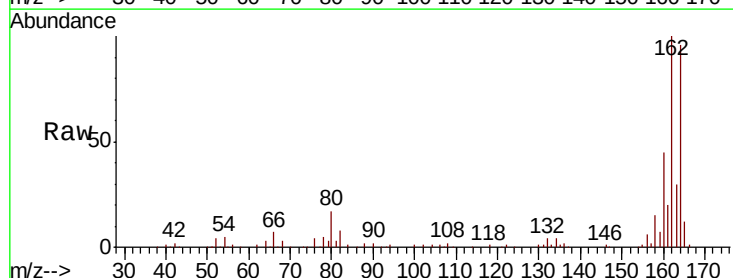
Tgt Ion:164 Resp: 164210

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

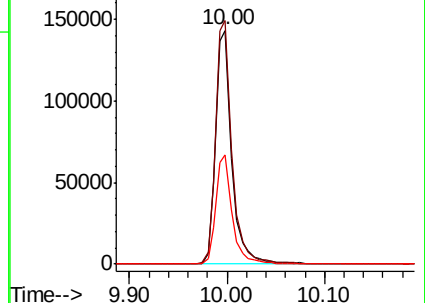
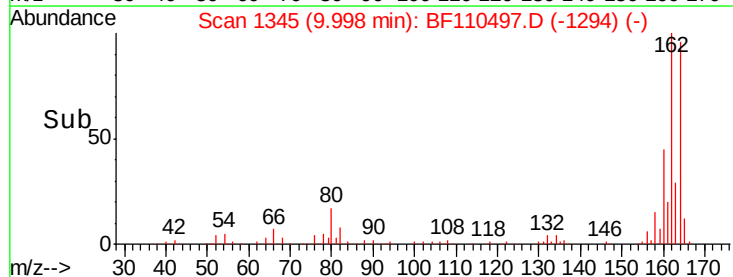
160 46.9 37.0 55.6

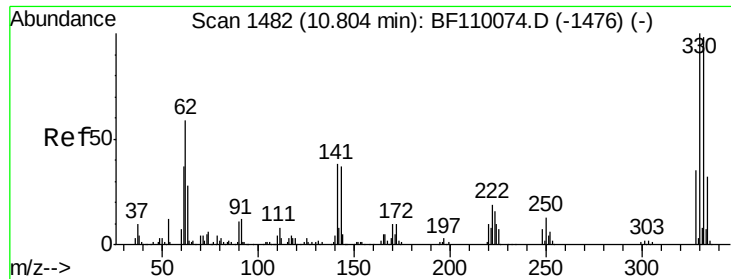


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 83.637 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Instrument :

BNA_F

ClientSampleId :

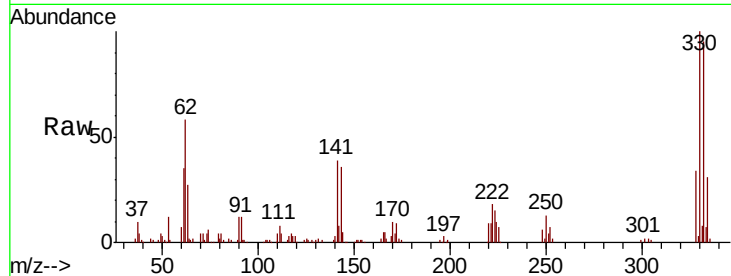
Tot Ion:330 Resp: 136045

Ion Ratio Lower Upper

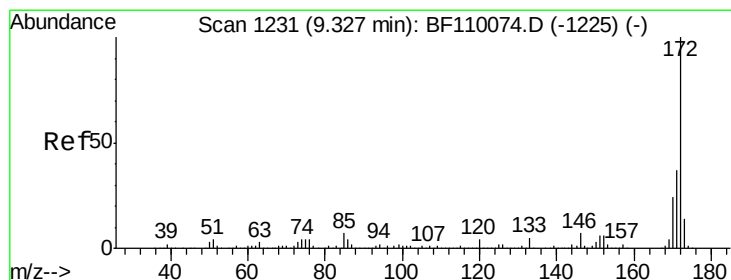
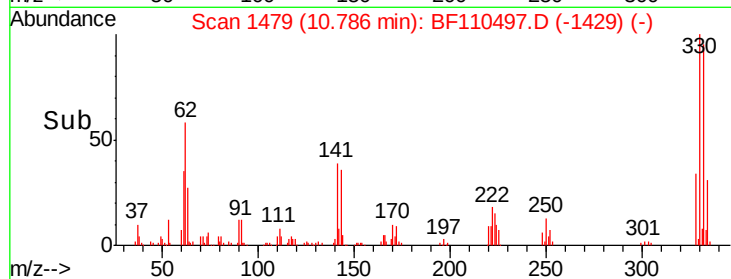
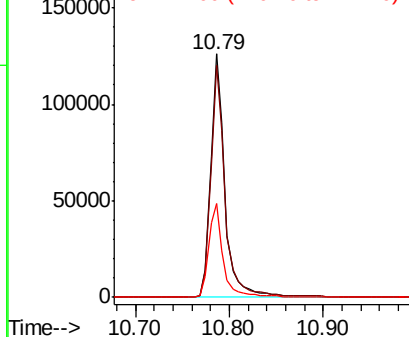
330 100

332 96.2 77.1 115.7

141 38.3 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: 118.466 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

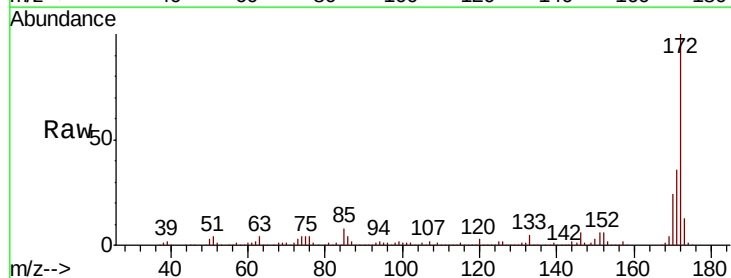
Tgt Ion:172 Resp: 1238855

Ion Ratio Lower Upper

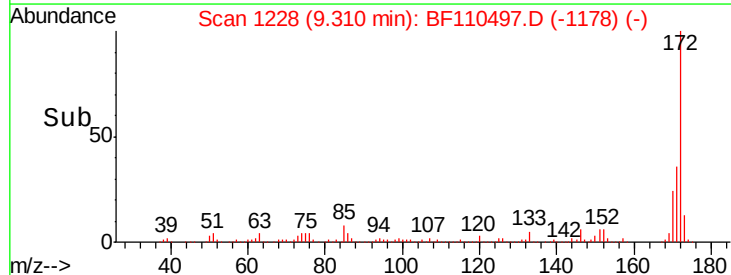
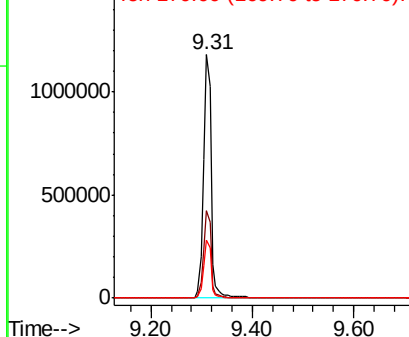
172 100

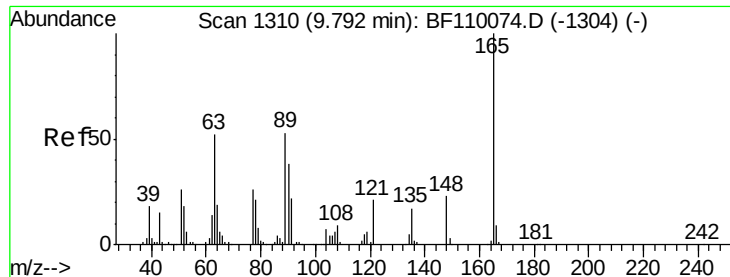
171 36.0 28.6 43.0

170 23.8 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: 8.053 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.21 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Instrument :

BNA_F

ClientSampleId :

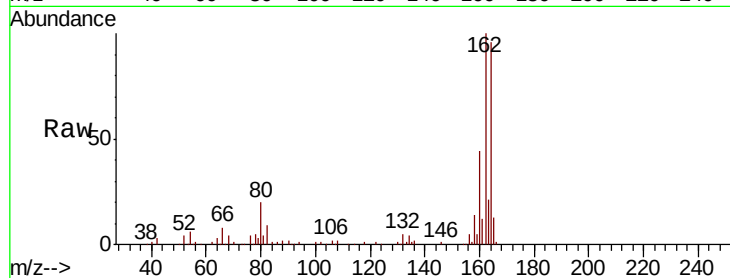
Tot Ion:165 Resp: 21027

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

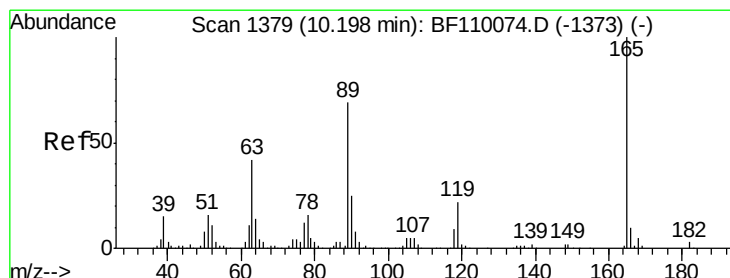
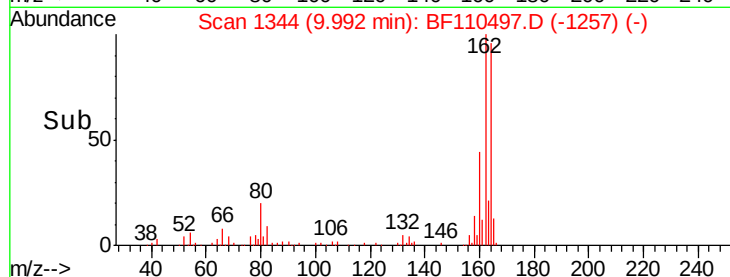
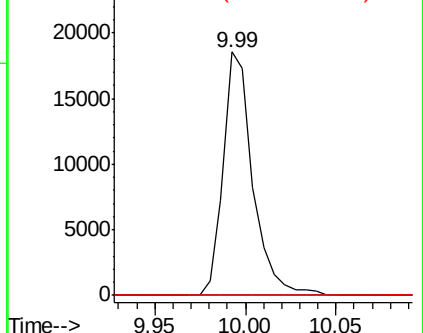
89 0.0 46.6 69.8#



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: 6.340 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.20 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Tgt Ion:165 Resp: 21027

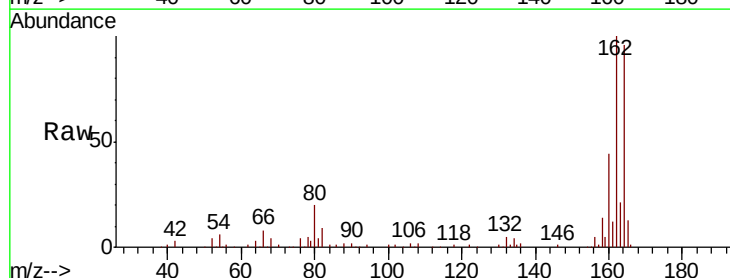
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

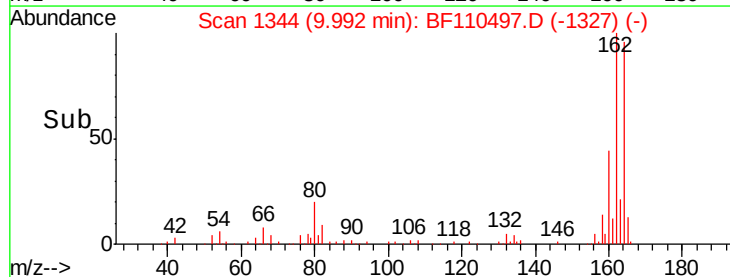
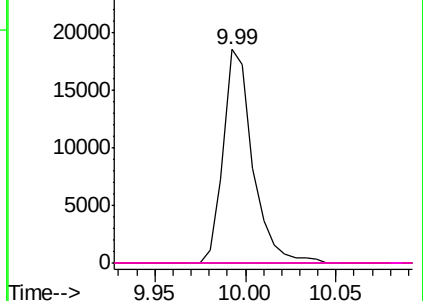


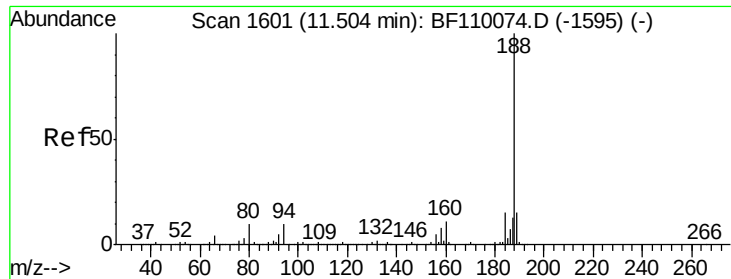
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110497.D

Acq: 6 Nov 2018 6:43

Instrument :

BNA_F

ClientSampleId :

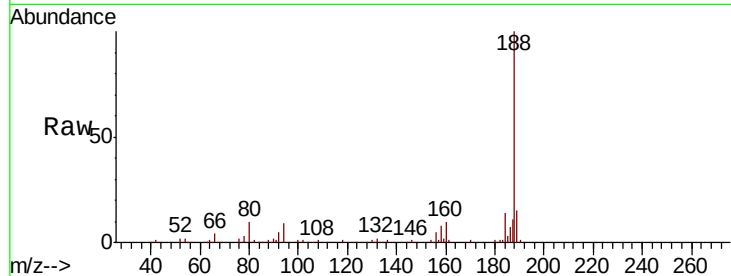
Tot Ion:188 Resp: 245848

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

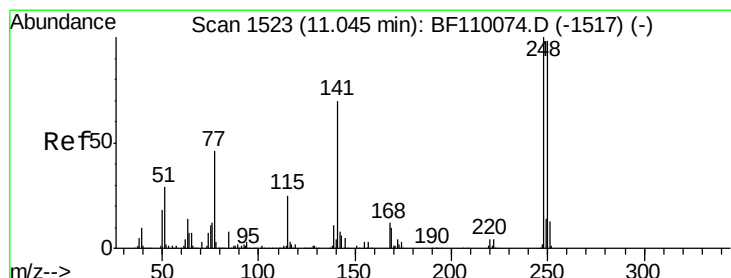
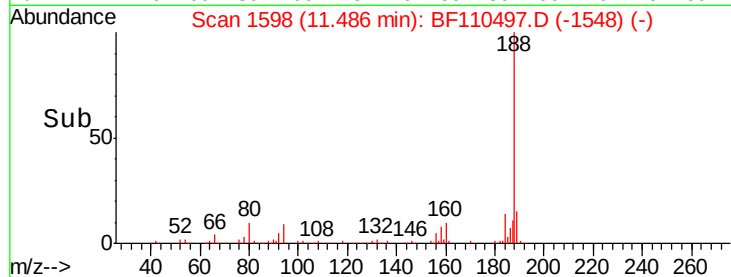
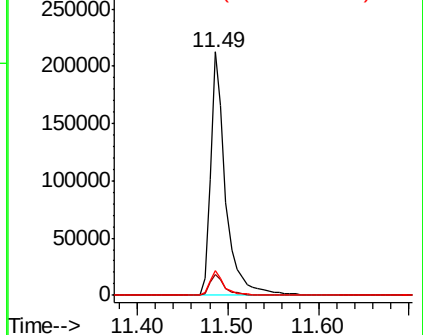
80 10.2 7.9 11.9



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: 3.148 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

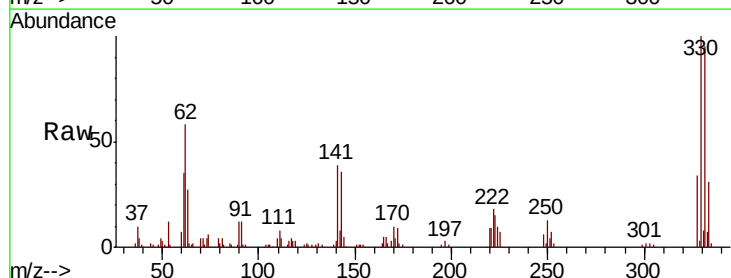
Tgt Ion:248 Resp: 8396

Ion Ratio Lower Upper

248 100

250 205.4 79.4 119.2#

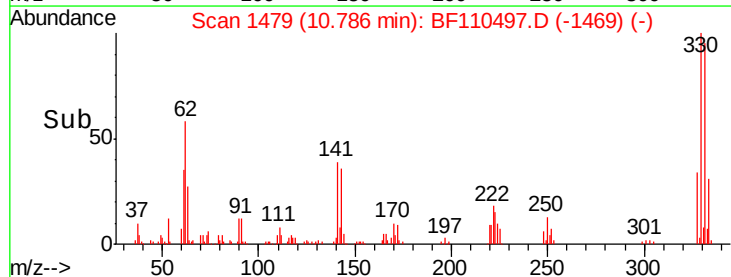
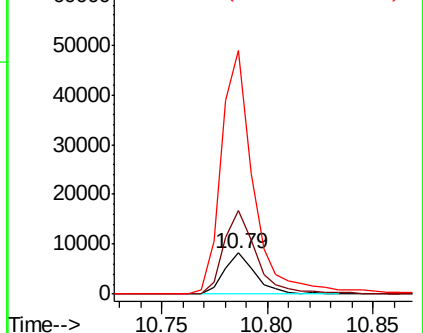
141 596.7 55.9 83.9#

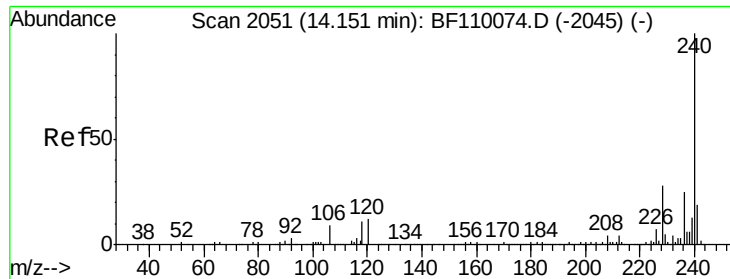


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

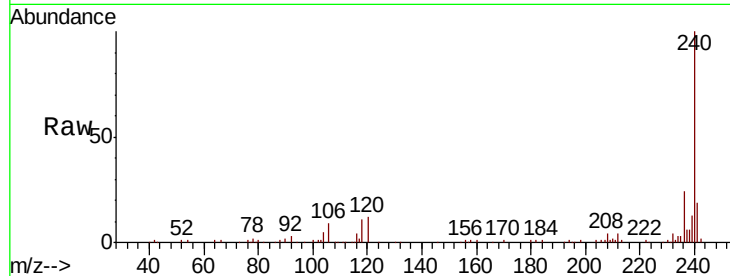




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110497.D
Acq: 6 Nov 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	24.1	21.2	31.8

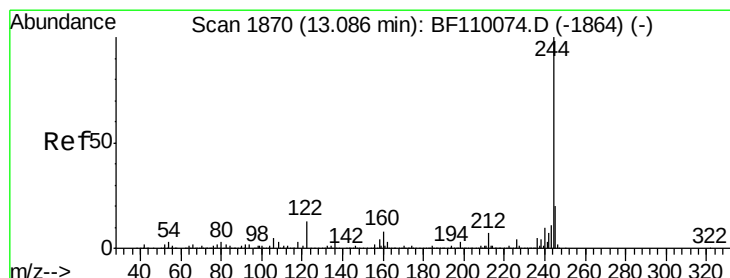
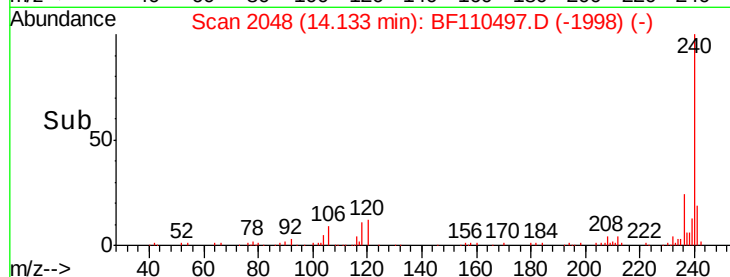
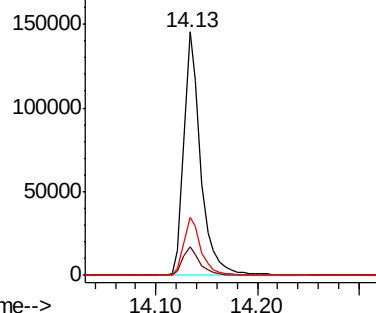


Abundance

Ion 240.00 (239.70 to 240.70): E

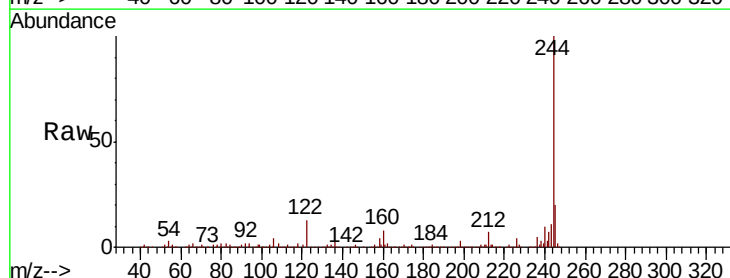
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
Terphenyl-d14
Concen: 102.635 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110497.D
Acq: 6 Nov 2018 6:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.6	8.7	13.1

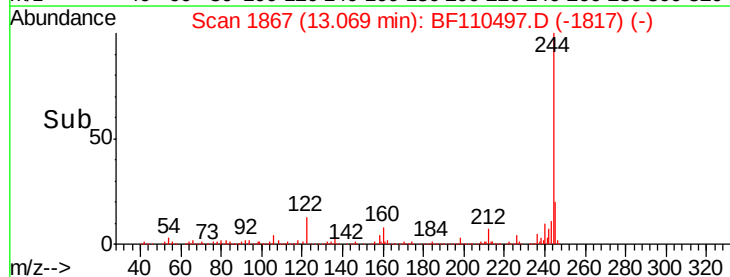
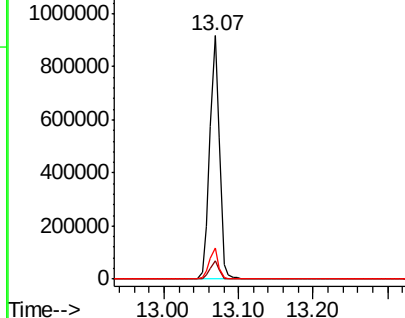


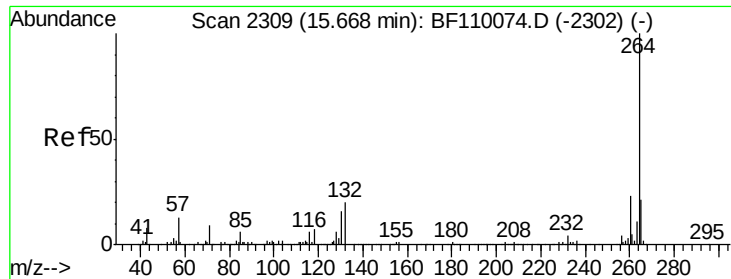
Abundance

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: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110497.D
Acq: 6 Nov 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.8	16.7	25.1

