

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110459.D
 Acq On : 5 Nov 2018 12:40
 Operator : JU/SJ
 Sample : PB114468BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 16:42:55 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

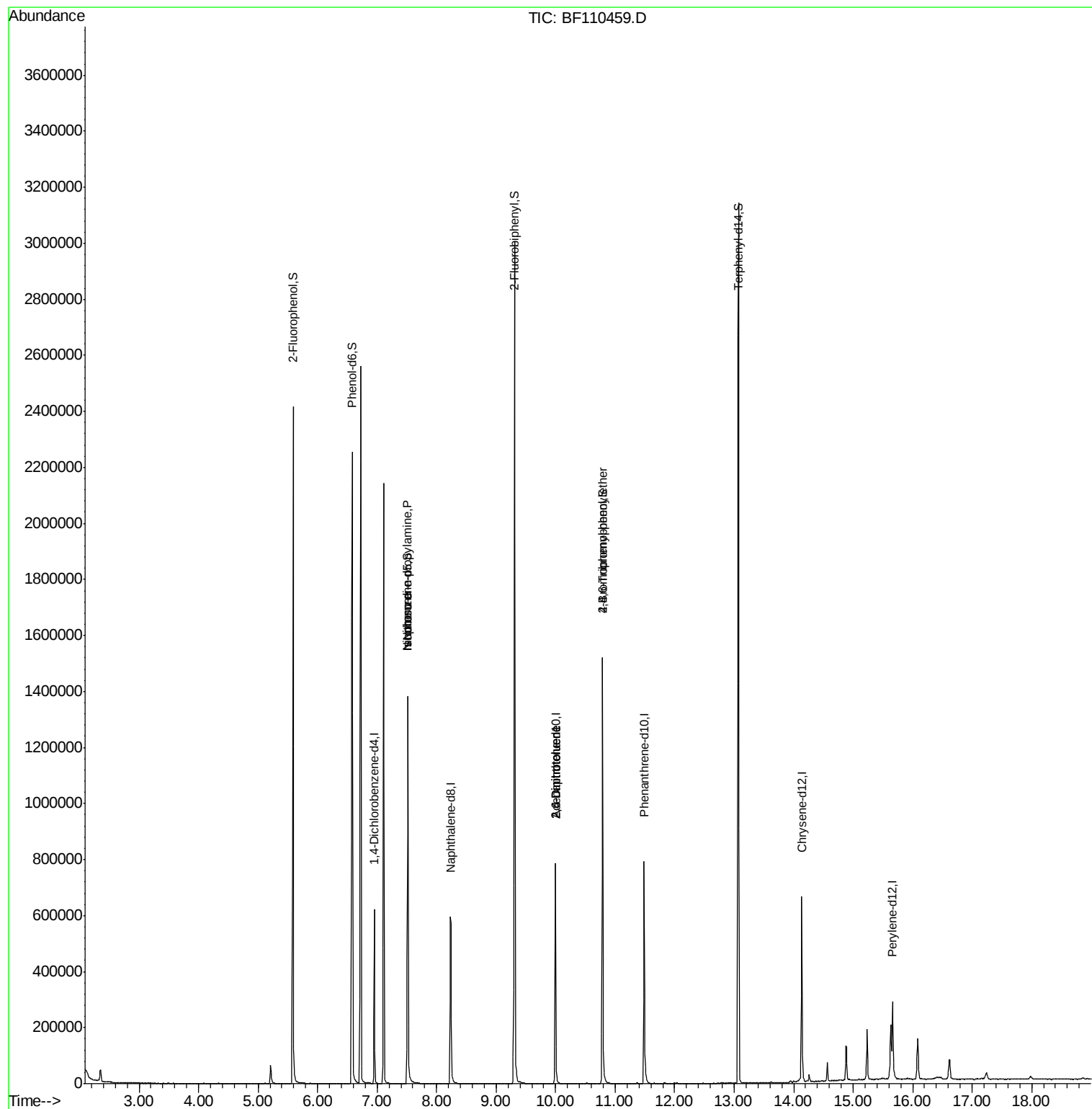
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88265	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	367790	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	181582	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	370054	20.00	ng	0.00
76) Chrysene-d12	14.13	240	252235	20.00	ng	0.00
87) Perylene-d12	15.66	264	156758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	659455	121.67	ng	0.01
7) Phenol-d6	6.58	99	839989	121.16	ng	0.00
23) Nitrobenzene-d5	7.52	82	528281	85.20	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	205490	114.24	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1058191	91.51	ng	0.00
79) Terphenyl-d14	13.07	244	1104801	91.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	1125	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.52	70	70224	15.789	ng	# 80
25) Isophorone	7.52	82	528273	49.979	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	23047	7.982	ng	# 23
57) 2,4-Dinitrotoluene	10.00	165	23047	6.284	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	13365	3.330	ng	# 1

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

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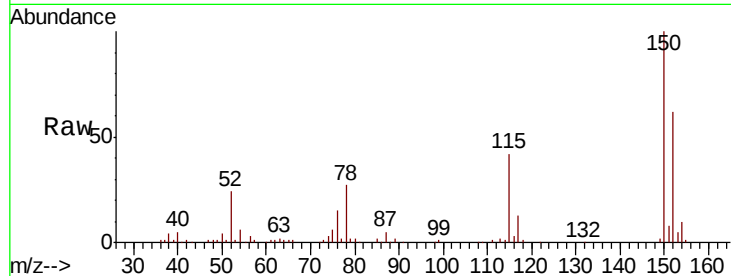


#1

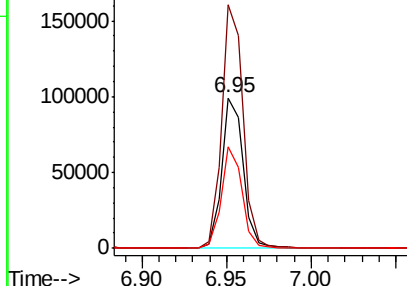
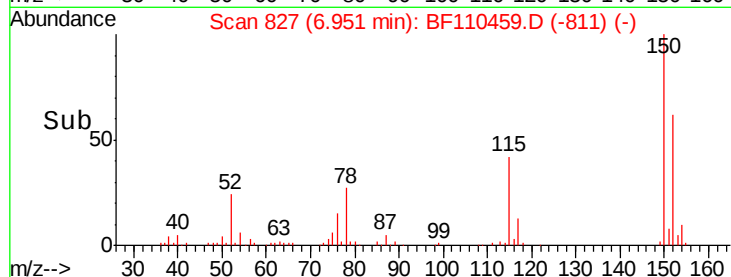
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110459.D
Acq: 5 Nov 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88265
Ion Ratio Lower Upper
152 100
150 161.8 122.7 184.1
115 67.4 49.1 73.7



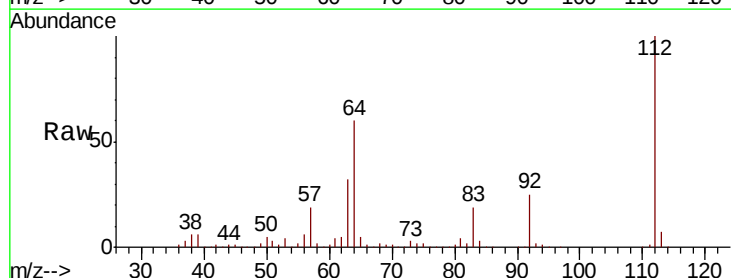
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



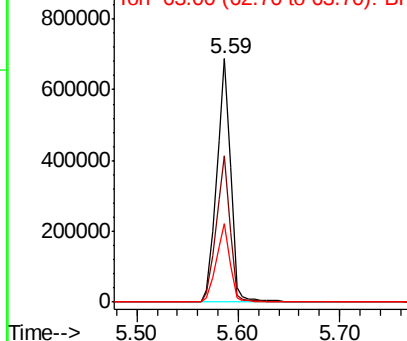
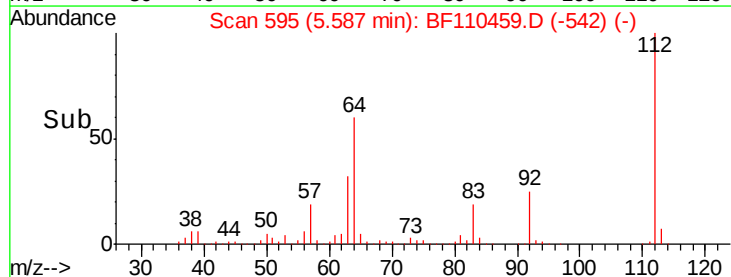
#5

2-Fluorophenol
Concen: 121.667 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110459.D
Acq: 5 Nov 2018 12:40

Tgt Ion:112 Resp: 659455
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 32.4 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: 121.161 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

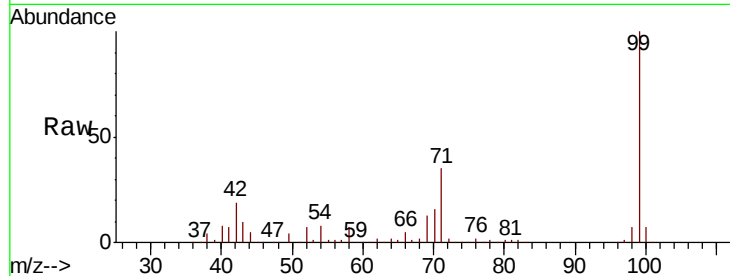
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 839989

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	35.4	28.0	42.0

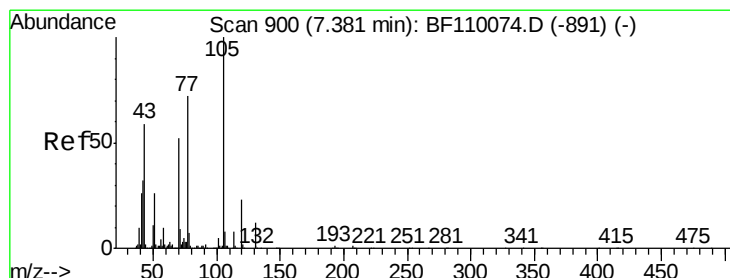
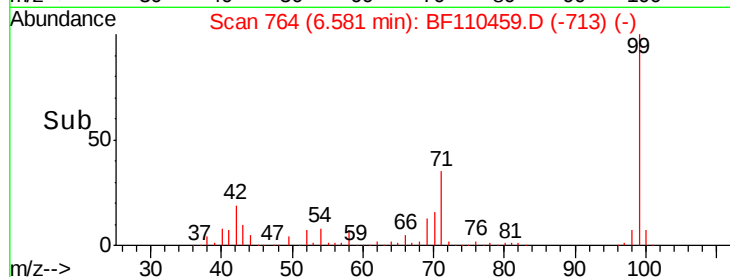
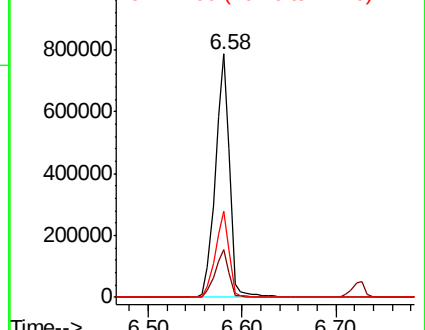


Abundance

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: 15.789 ng

RT: 7.52 min Scan# 923

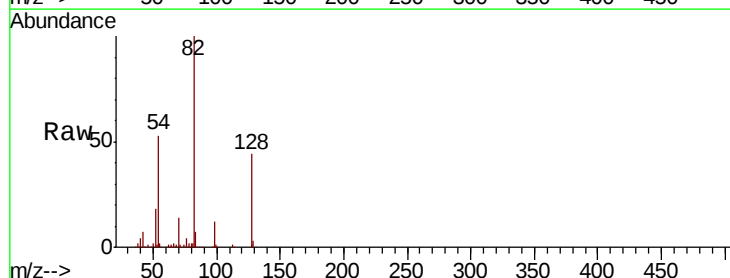
Delta R.T. 0.15 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

Tgt Ion: 70 Resp: 70224

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



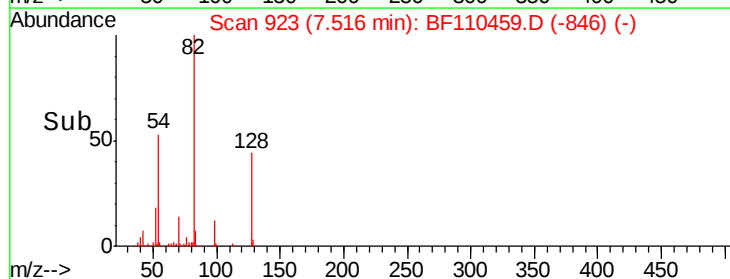
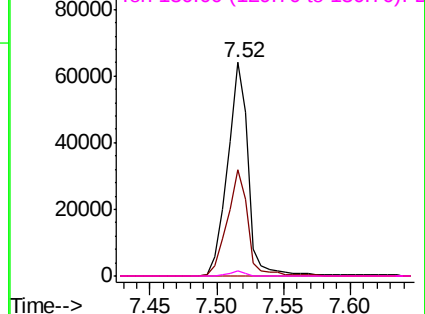
Abundance

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: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 367790

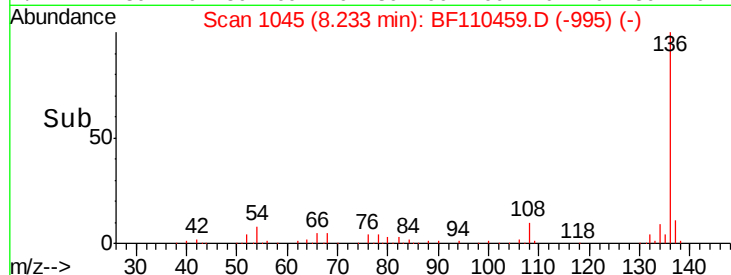
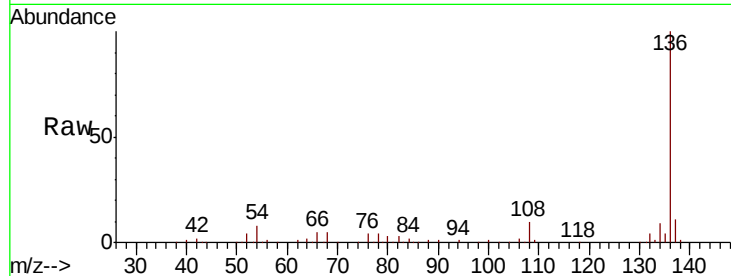
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 5.4 8.2#

68 5.2 4.2 6.2

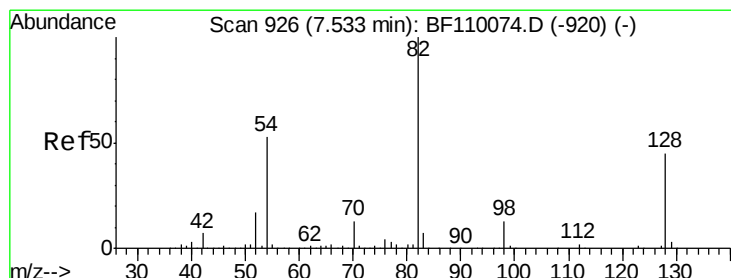
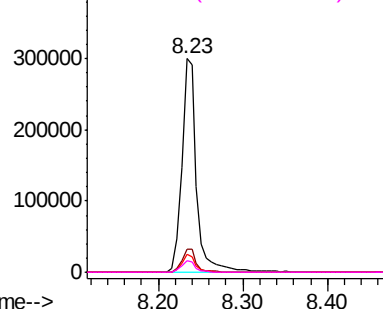


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.195 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

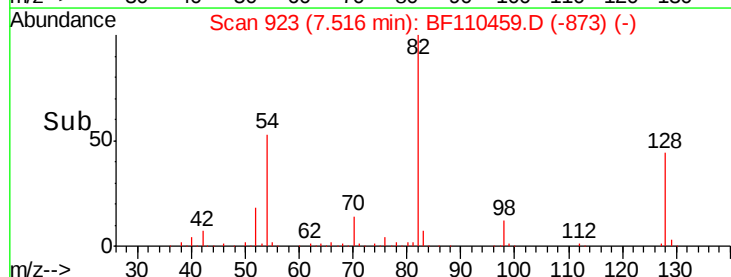
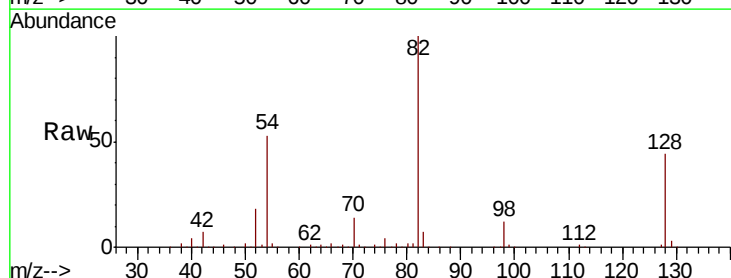
Tgt Ion: 82 Resp: 528281

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.2

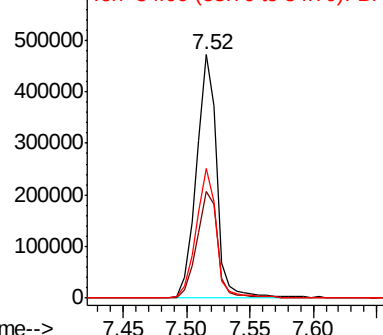
54 53.2 38.6 58.0

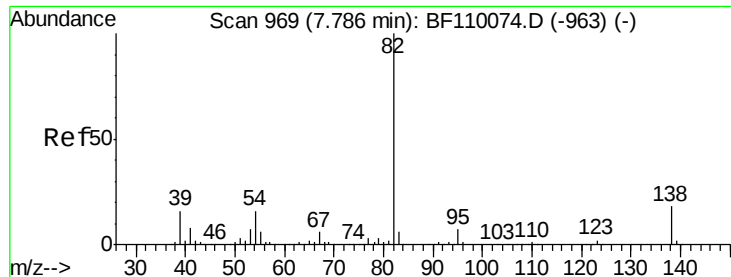


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

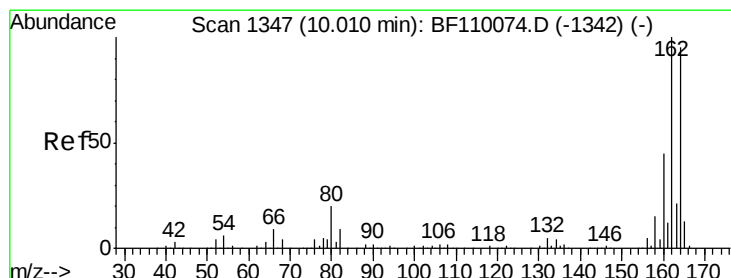
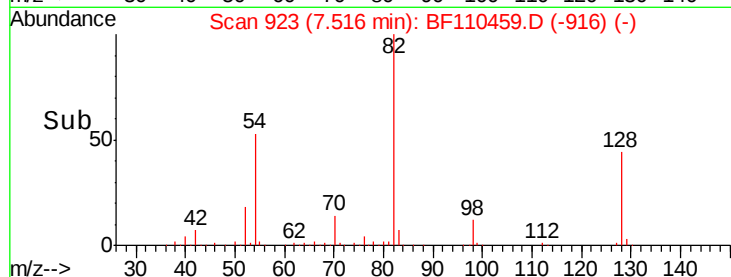
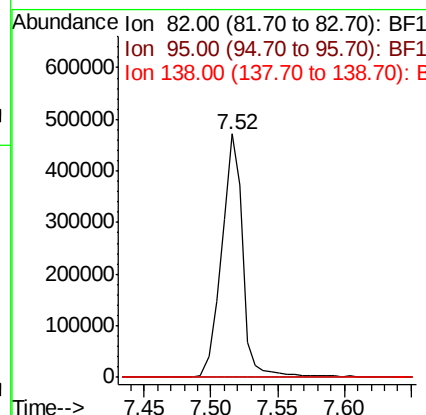
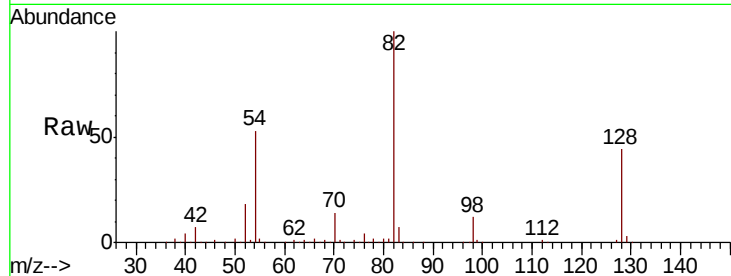




#25
Isophorone
Concen: 49.979 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110459.D
Acq: 5 Nov 2018 12:40

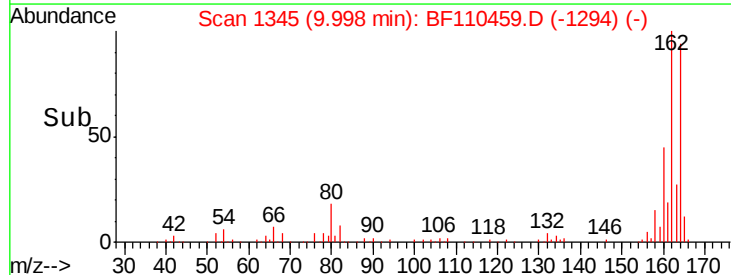
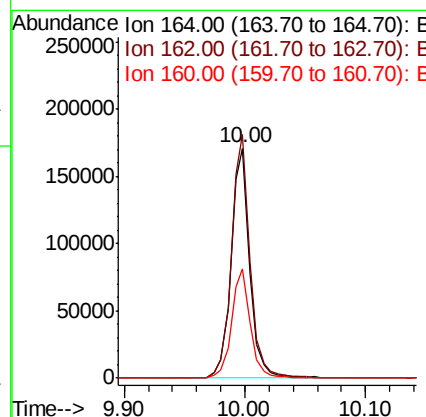
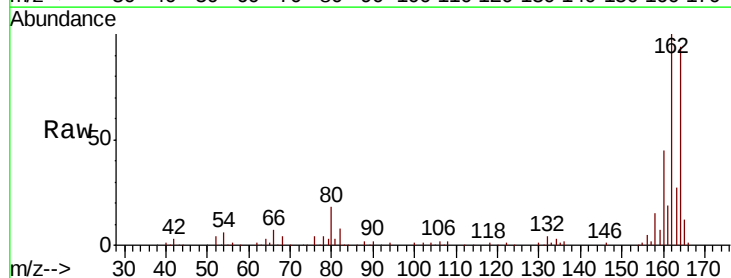
Instrument :
BNA_F
ClientSampled :

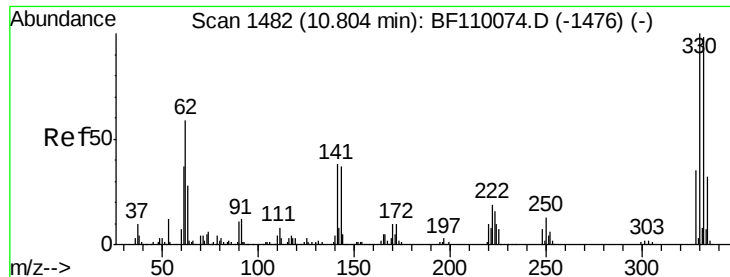
Tot Ion: 82 Resp: 528273
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110459.D
Acq: 5 Nov 2018 12:40

Tgt Ion: 164 Resp: 181582
Ion Ratio Lower Upper
164 100
162 106.0 83.0 124.6
160 47.5 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 114.244 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

Instrument :

BNA_F

ClientSampled :

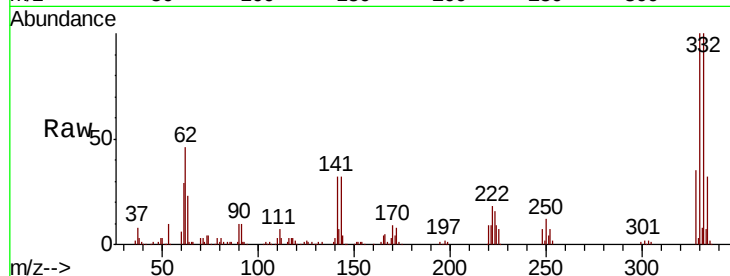
Tot Ion:330 Resp: 205490

Ion Ratio Lower Upper

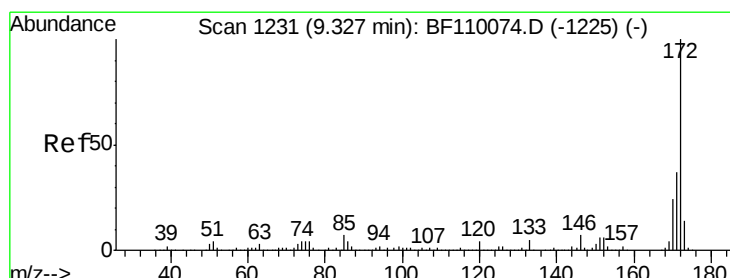
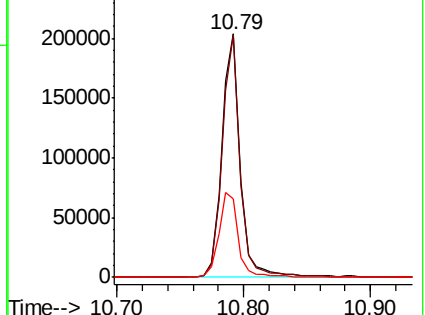
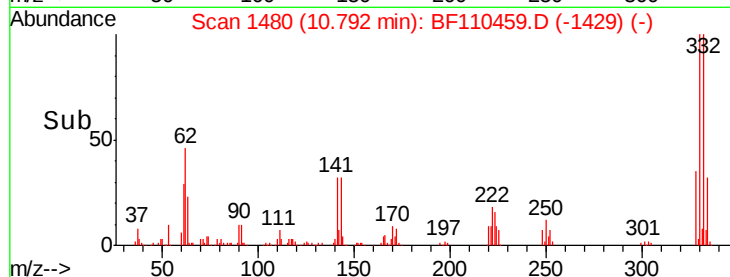
330 100

332 97.9 77.1 115.7

141 37.7 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: 91.509 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

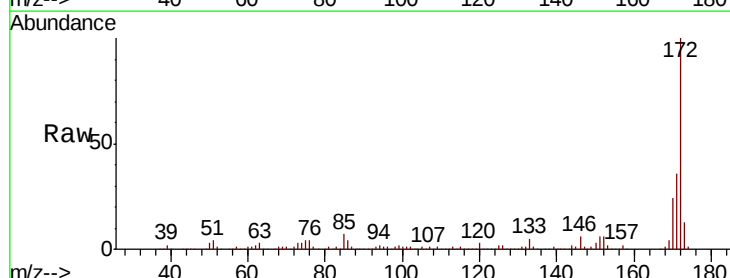
Tgt Ion:172 Resp: 1058191

Ion Ratio Lower Upper

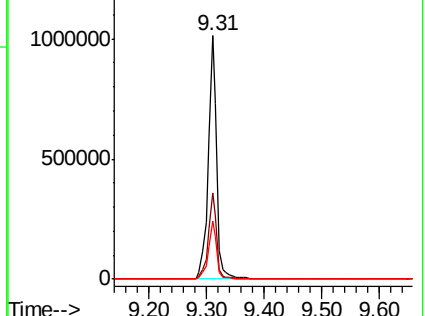
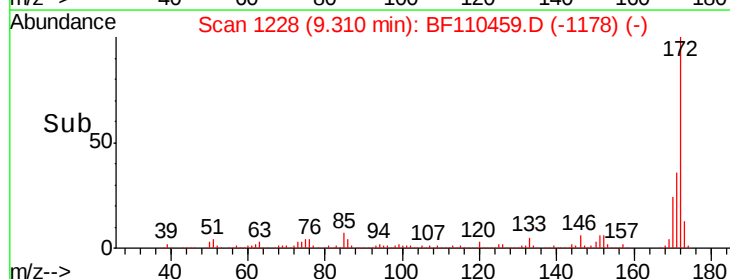
172 100

171 35.6 28.6 43.0

170 23.9 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: 7.982 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

Instrument :

BNA_F

ClientSampleId :

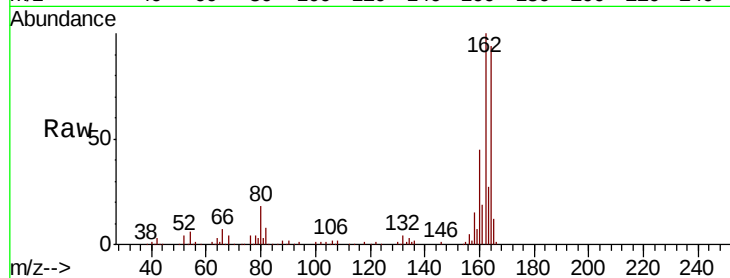
Tot Ion:165 Resp: 23047

Ion Ratio Lower Upper

165 100

63 1.5 48.9 73.3#

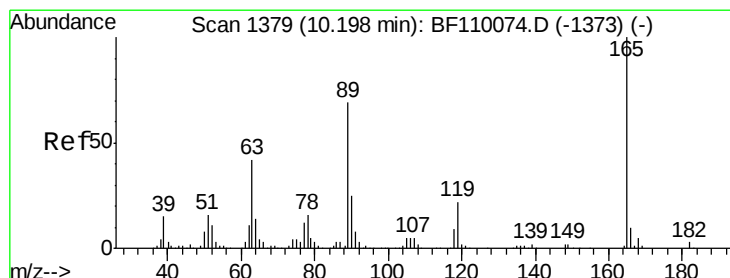
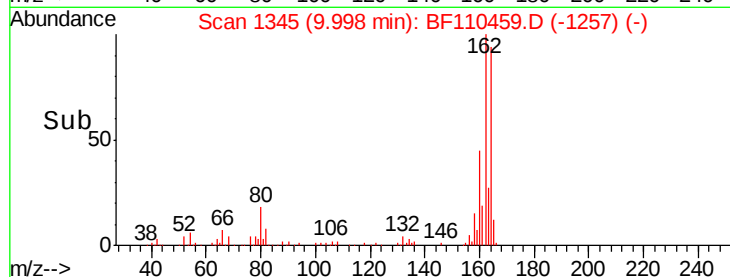
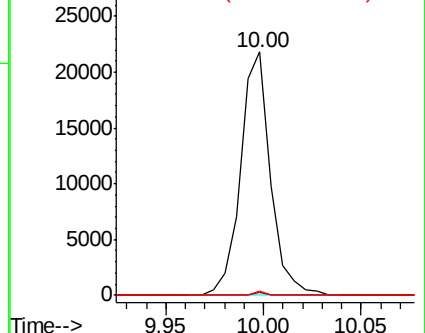
89 1.6 46.6 69.8#



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: 6.284 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

Tgt Ion:165 Resp: 23047

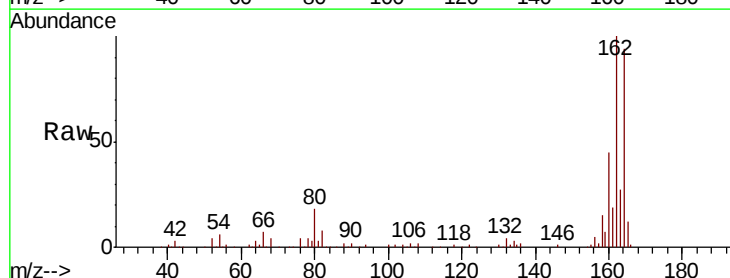
Ion Ratio Lower Upper

165 100

63 1.5 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

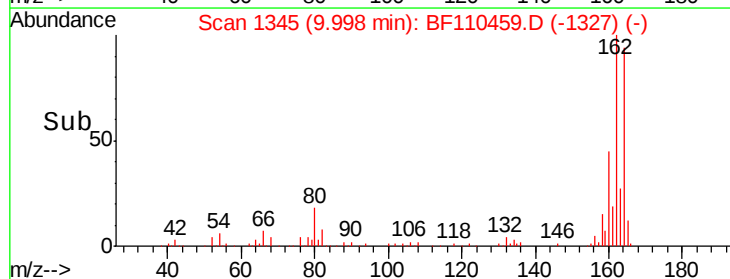
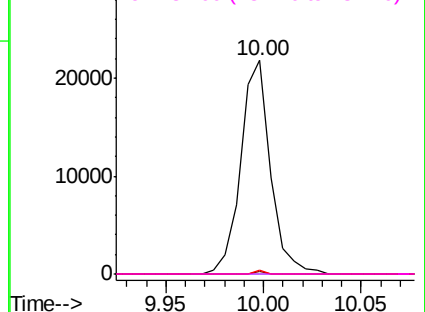


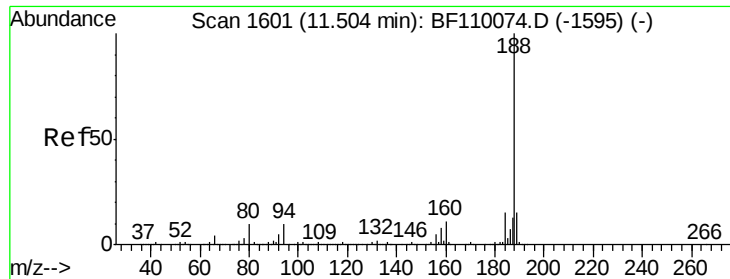
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1599

Delta R.T. -0.00 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

Instrument :

BNA_F

ClientSampleId :

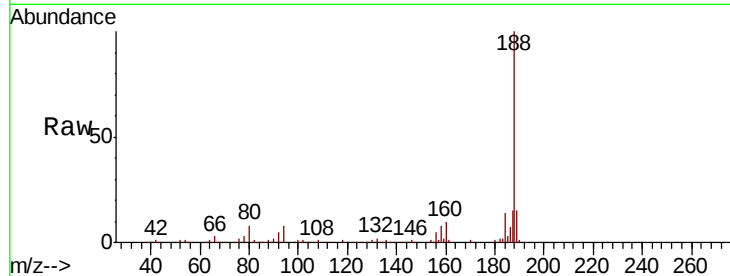
Tot Ion:188 Resp: 370054

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

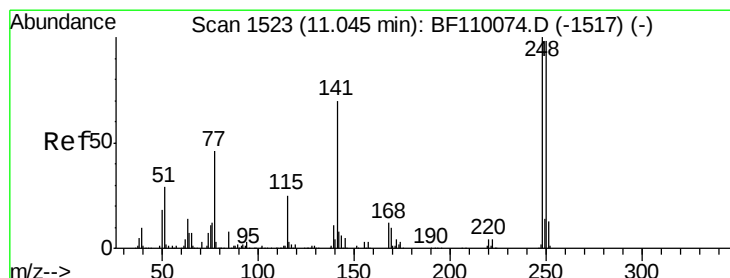
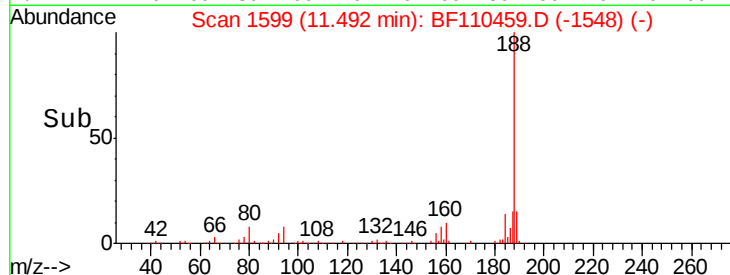
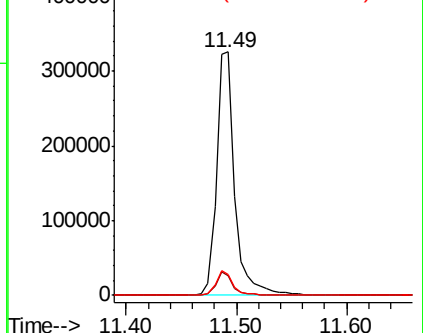
80 8.5 7.9 11.9



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: 3.330 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110459.D

Acq: 5 Nov 2018 12:40

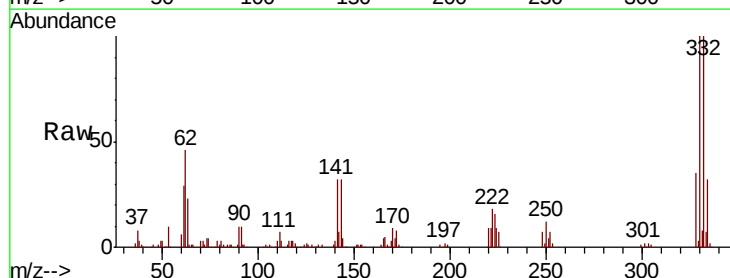
Tgt Ion:248 Resp: 13365

Ion Ratio Lower Upper

248 100

250 185.4 79.4 119.2#

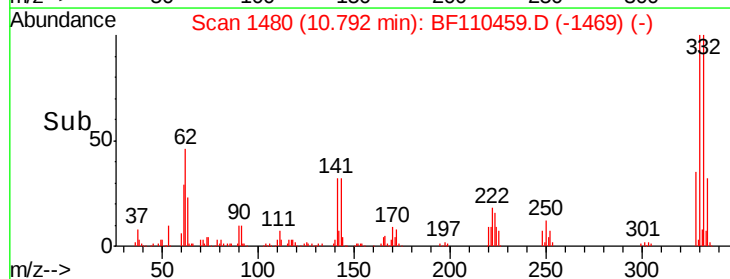
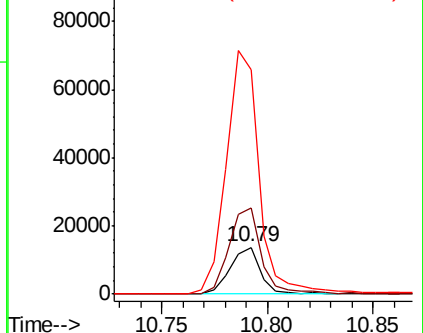
141 483.7 55.9 83.9#

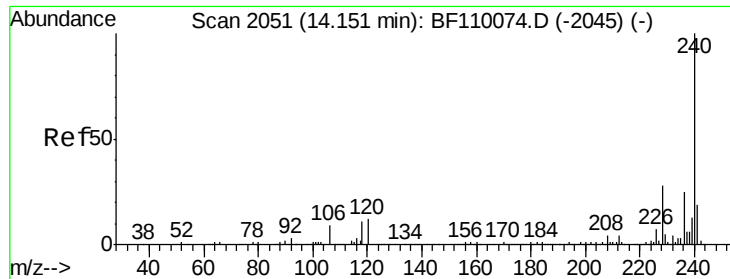


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

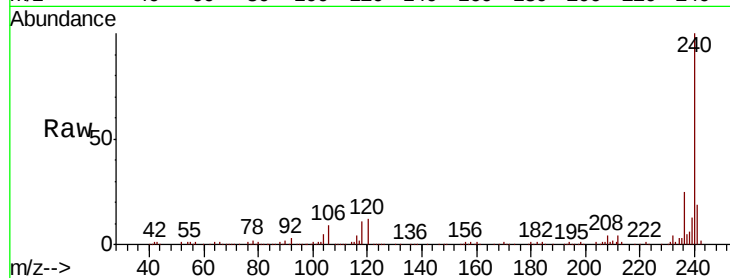




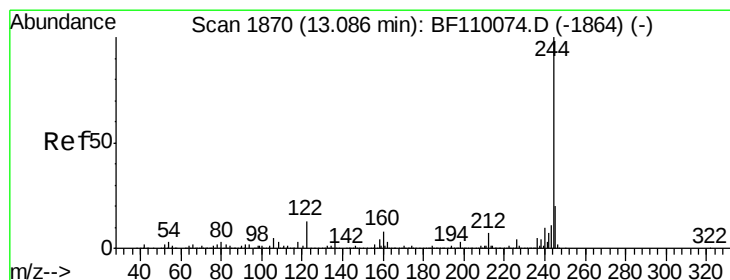
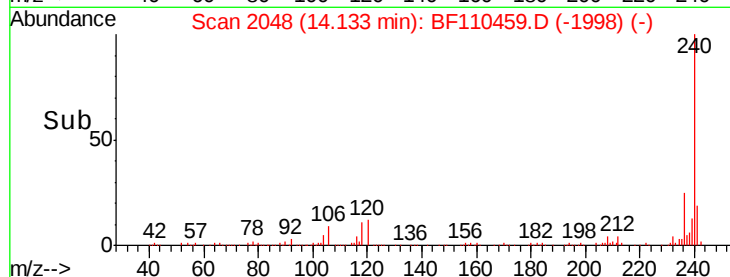
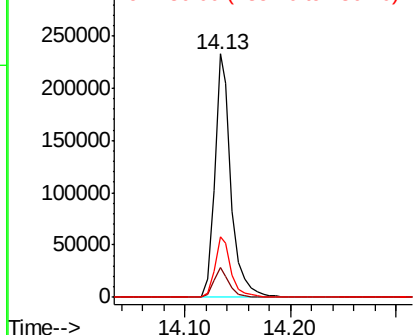
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110459.D
 Acq: 5 Nov 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 252235
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 24.8 21.2 31.8

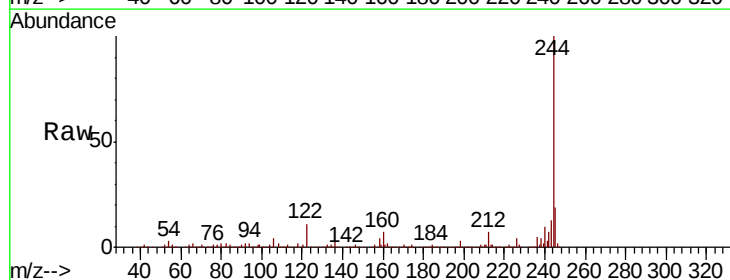


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

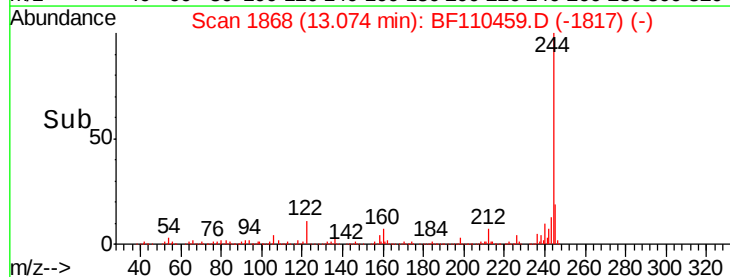
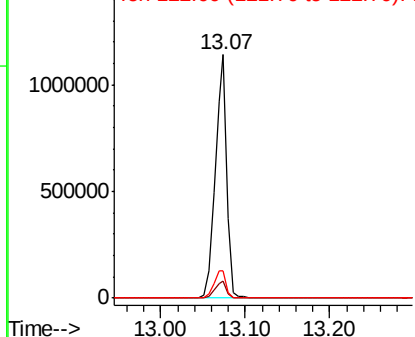


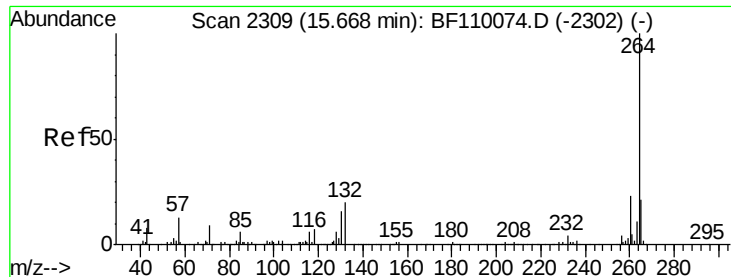
#79
 Terphenyl-d14
 Concen: 91.092 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: BF110459.D
 Acq: 5 Nov 2018 12:40

Tgt Ion:244 Resp: 1104801
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.2 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: BF110459.D
 Acq: 5 Nov 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	22.1	16.7	25.1

