

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110586.D
 Acq On : 8 Nov 2018 15:57
 Operator : JU/SJ
 Sample : J5839-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:41:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

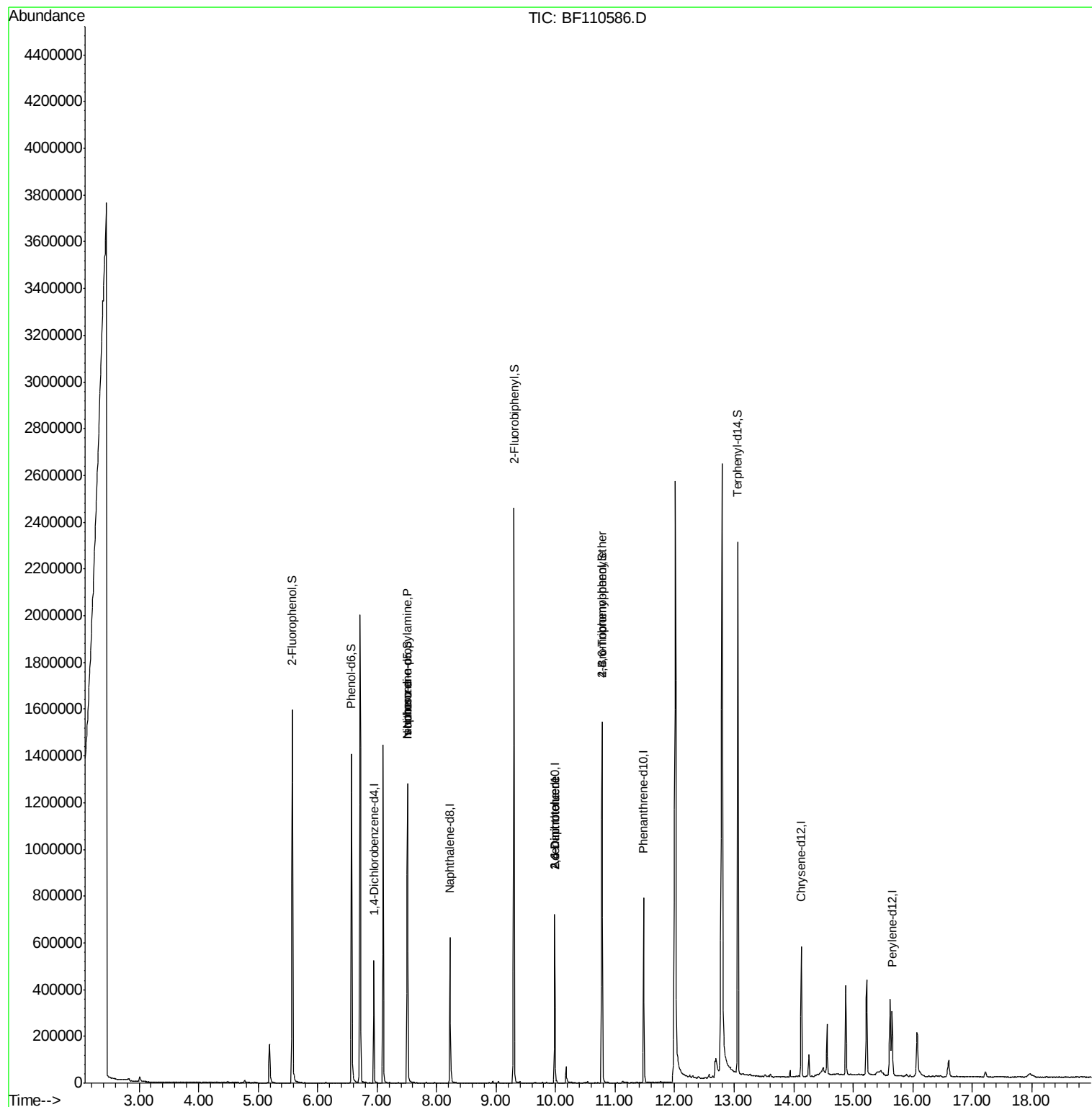
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72572	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	293820	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	139326	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	275438	20.00	ng	0.00
76) Chrysene-d12	14.13	240	192393	20.00	ng	-0.01
87) Perylene-d12	15.66	264	140397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	453256	101.45	ng	0.01
7) Phenol-d6	6.57	99	512312	89.67	ng	0.00
23) Nitrobenzene-d5	7.51	82	408422	80.05	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	177533	126.46	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	764260	78.34	ng	0.00
79) Terphenyl-d14	13.07	244	824959	80.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	716	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	54231	14.87	ng	# 78
25) Isophorone	7.51	82	408416	48.84	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	17648	7.72	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	17648	5.94	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	11233	3.69	ng	# 1

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

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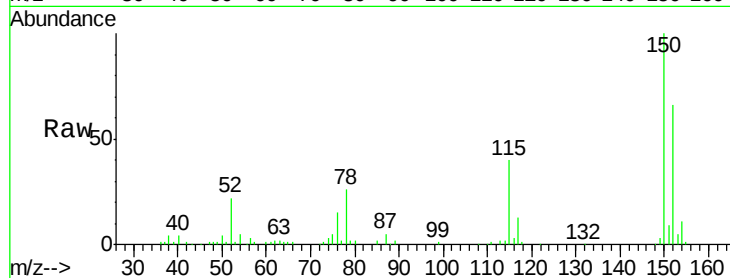


#1

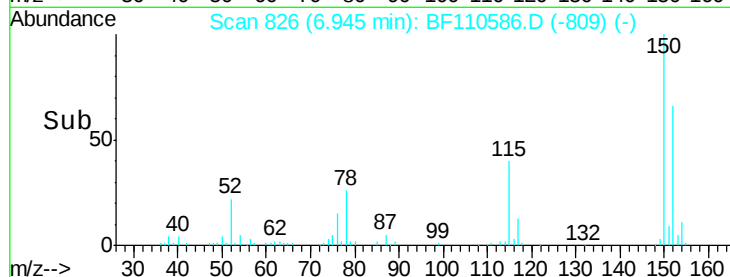
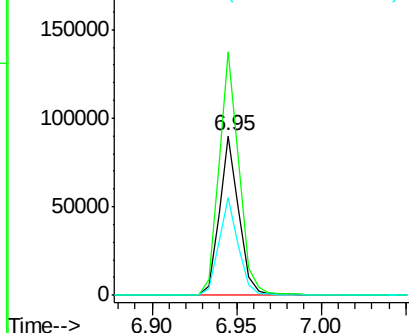
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110586.D
Acq: 8 Nov 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72572
Ion Ratio Lower Upper
152 100
150 152.6 122.7 184.1
115 61.4 49.1 73.7



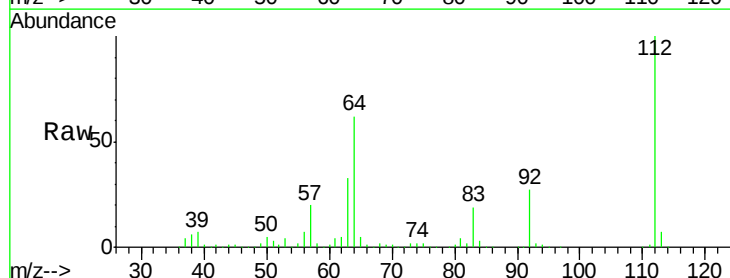
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



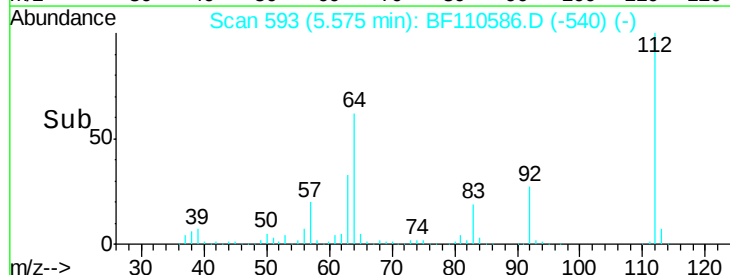
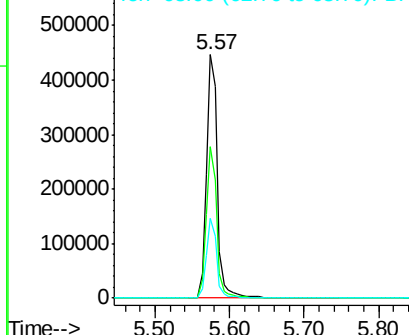
#5

2-Fluorophenol
Concen: 101.45 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110586.D
Acq: 8 Nov 2018 15:57

Tgt Ion:112 Resp: 453256
Ion Ratio Lower Upper
112 100
64 62.0 44.1 66.1
63 32.7 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: 89.67 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110586.D

Acq: 8 Nov 2018 15:57

Instrument :

BNA_F

ClientSampleId :

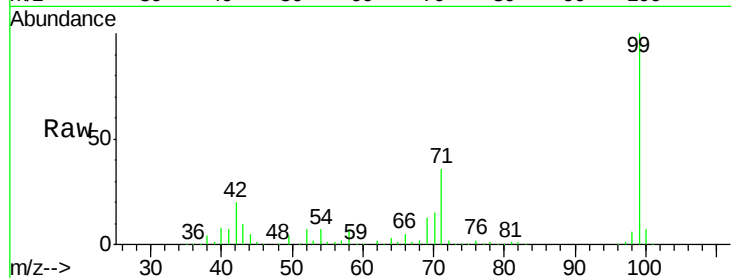
Tot Ion: 99 Resp: 512312

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

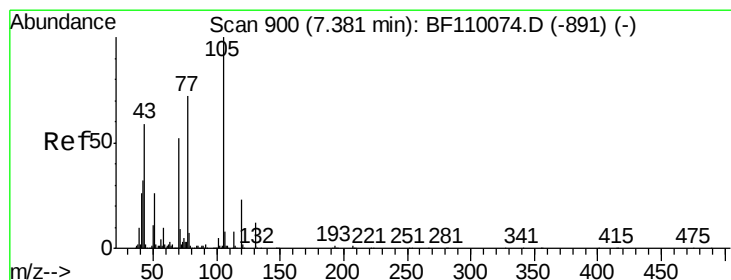
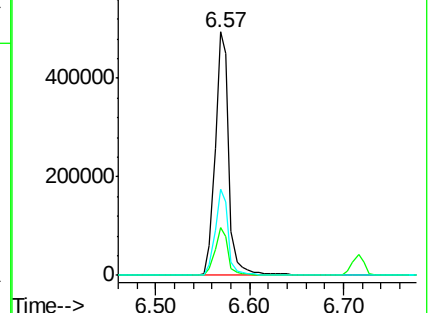
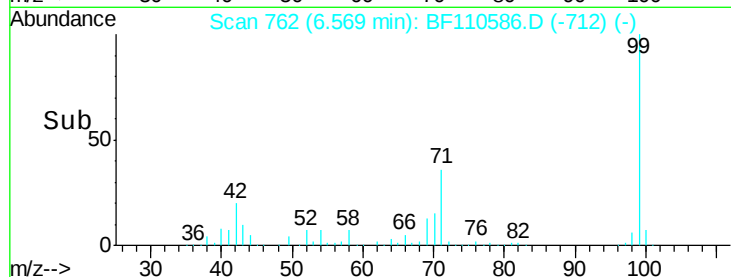
71 35.5 28.0 42.0



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: 14.87 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110586.D

Acq: 8 Nov 2018 15:57

Tgt Ion: 70 Resp: 54231

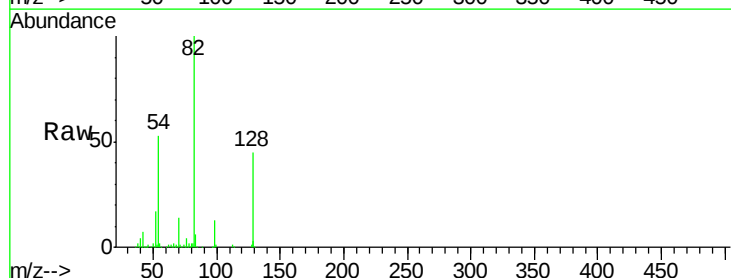
Ion Ratio Lower Upper

70 100

42 47.8 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

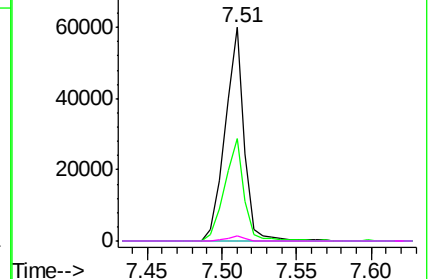
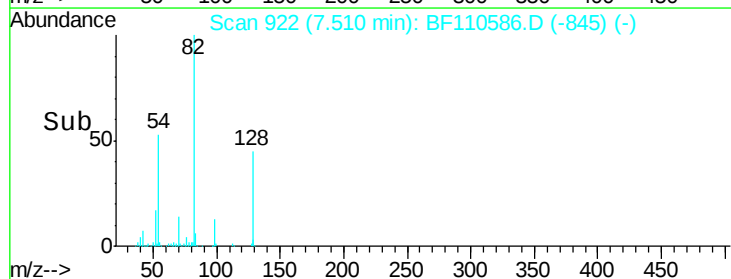


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

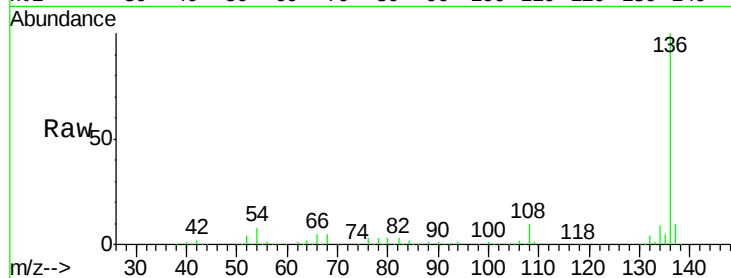




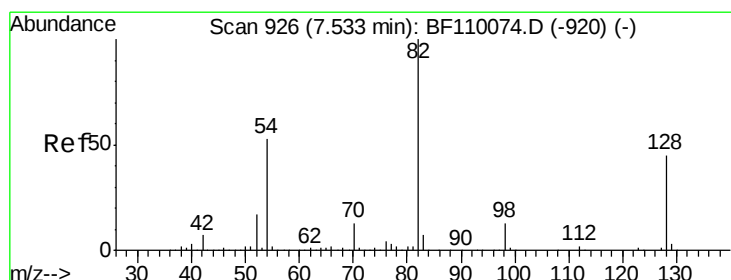
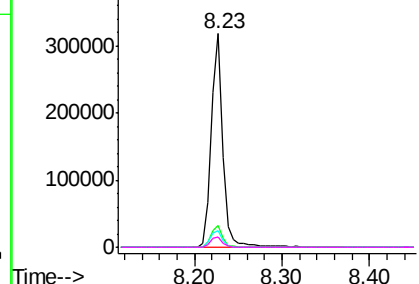
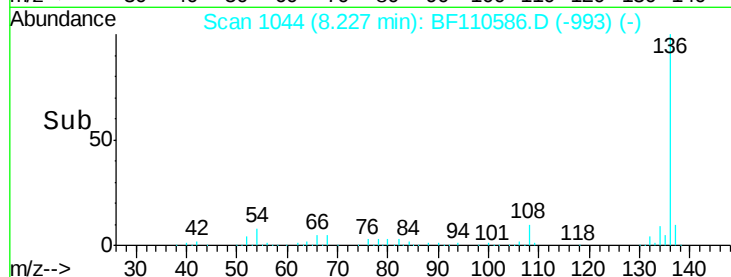
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110586.D
Acq: 8 Nov 2018 15:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 293820
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.7 5.4 8.2
68 5.1 4.2 6.2

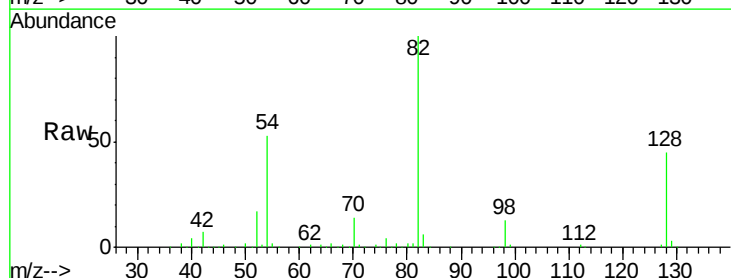


Abundance Ion 136.00 (135.70 to 136.70): E
500000
Ion 137.00 (136.70 to 137.70): E
400000
Ion 54.00 (53.70 to 54.70): BF1
300000
Ion 68.00 (67.70 to 68.70): BF1
200000
100000
0

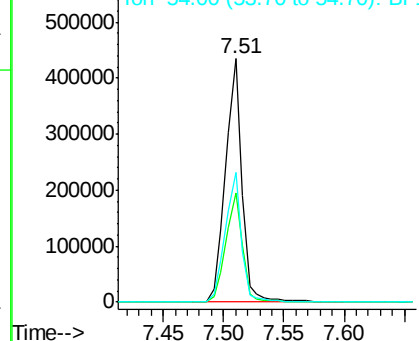
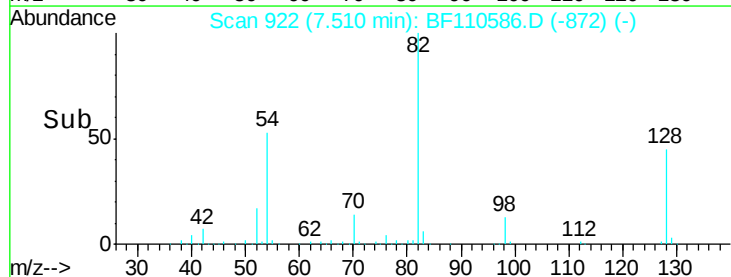


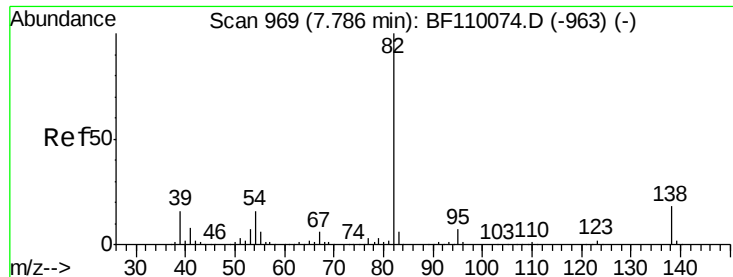
#23
Nitrobenzene-d5
Concen: 80.05 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110586.D
Acq: 8 Nov 2018 15:57

Tgt Ion: 82 Resp: 408422
Ion Ratio Lower Upper
82 100
128 45.1 34.2 51.2
54 53.4 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
400000
300000
200000
100000
0





#25

Isophorone

Concen: 48.84 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110586.D

Acq: 8 Nov 2018 15:57

Instrument :

BNA_F

ClientSampled :

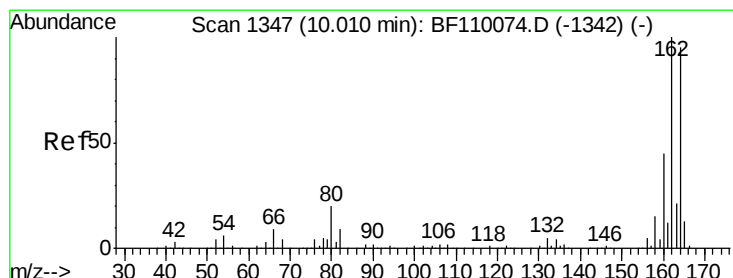
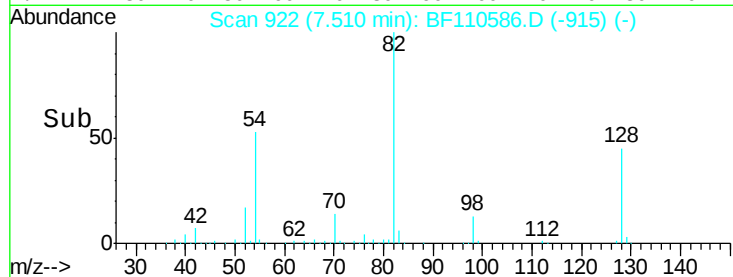
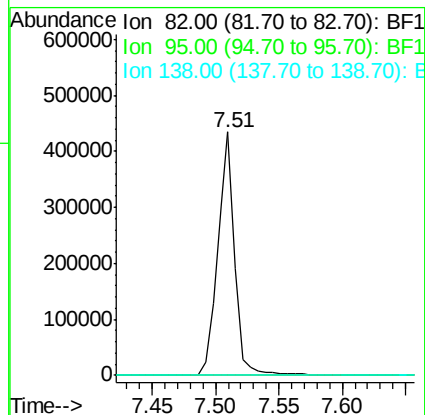
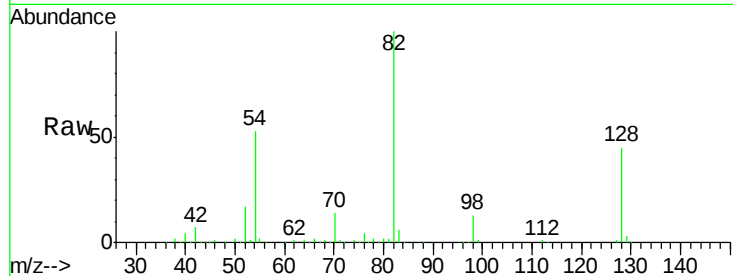
Tot Ion: 82 Resp: 408416

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110586.D

Acq: 8 Nov 2018 15:57

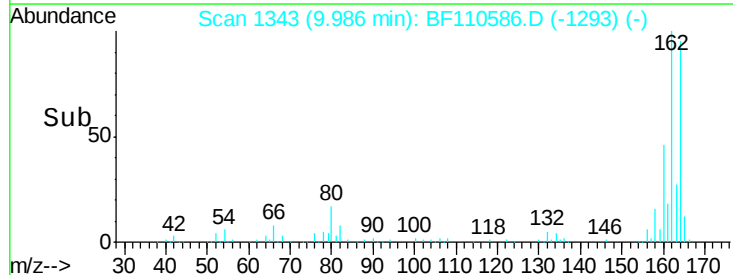
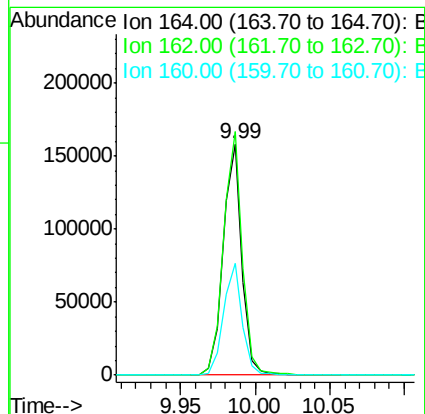
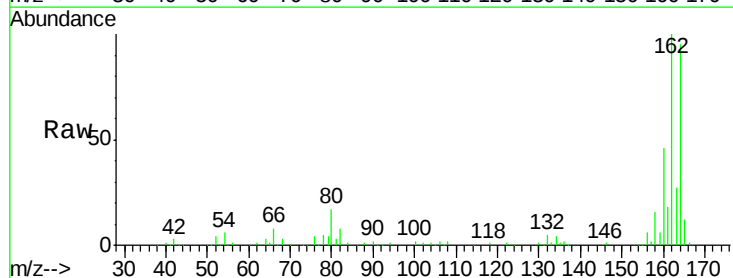
Tgt Ion: 164 Resp: 139326

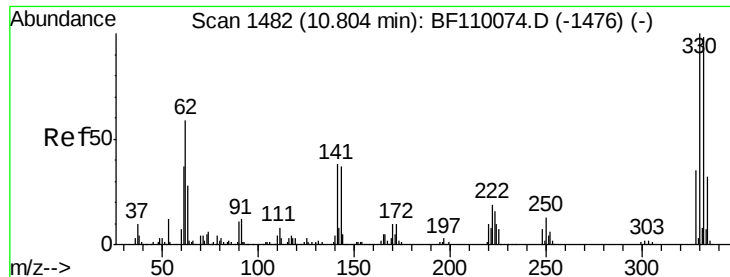
Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

160 48.2 37.0 55.6

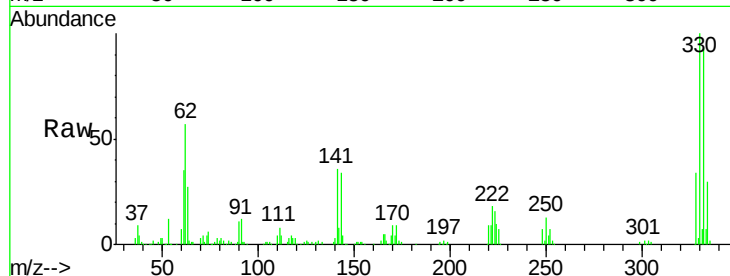




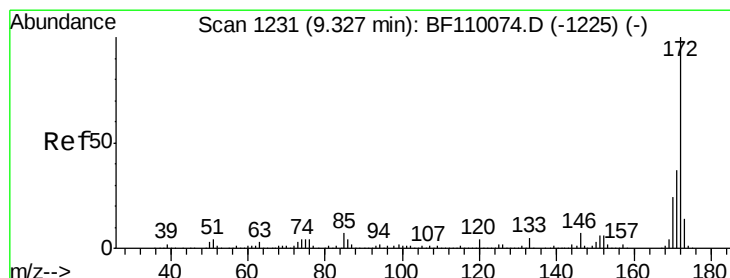
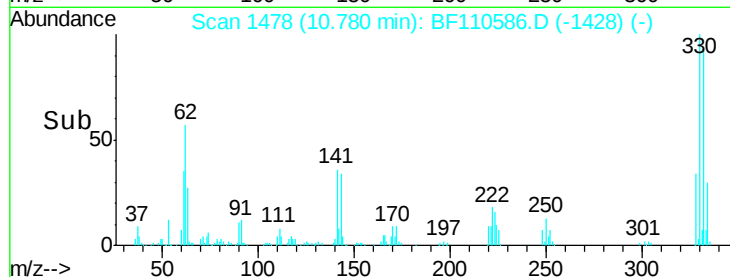
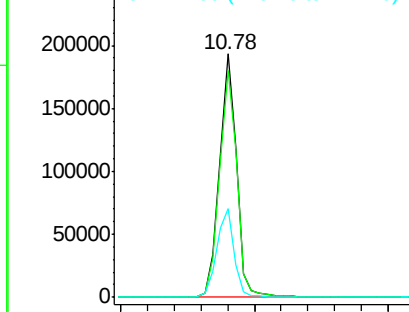
#42
 2,4,6-Tribromophenol
 Concen: 126.46 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110586.D
 Acq: 8 Nov 2018 15:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	177533
Ion Ratio	100	Lower	Upper
332	94.9	77.1	115.7
141	36.8	27.0	40.4

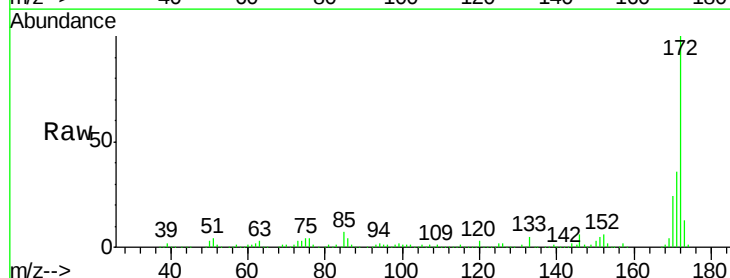


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

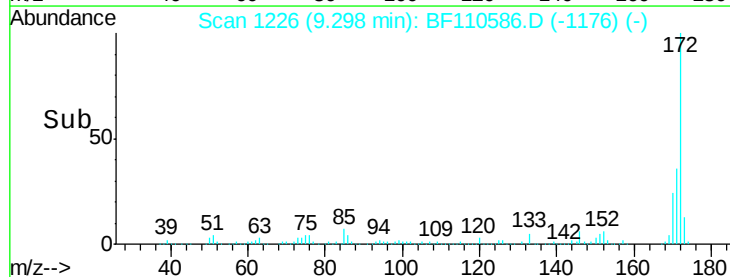
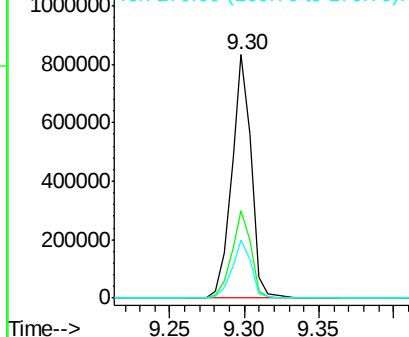


#45
 2-Fluorobiphenyl
 Concen: 78.34 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110586.D
 Acq: 8 Nov 2018 15:57

Tgt Ion	172	Resp	764260
Ion Ratio	100	Lower	Upper
171	35.8	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





#51

2,6-Dinitrotoluene

Concen: 7.72 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF110586.D

Acq: 8 Nov 2018 15:57

Instrument :

BNA_F

ClientSampleId :

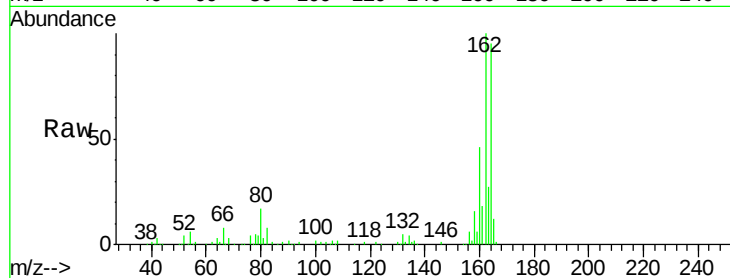
Tot Ion:165 Resp: 17648

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

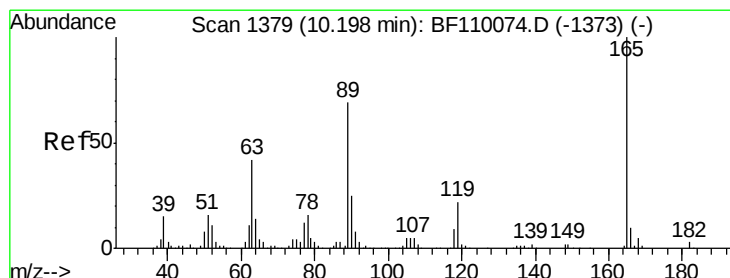
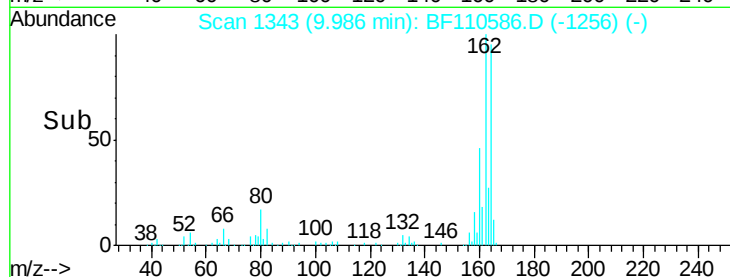
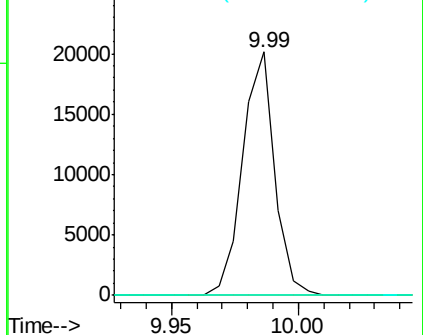
89 0.0 46.6 69.8#



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: 5.94 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.20 min

Lab File: BF110586.D

Acq: 8 Nov 2018 15:57

Tgt Ion:165 Resp: 17648

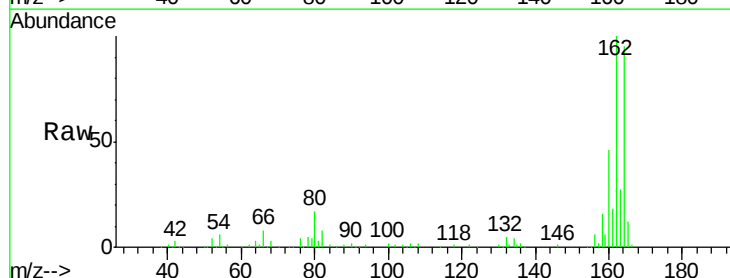
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

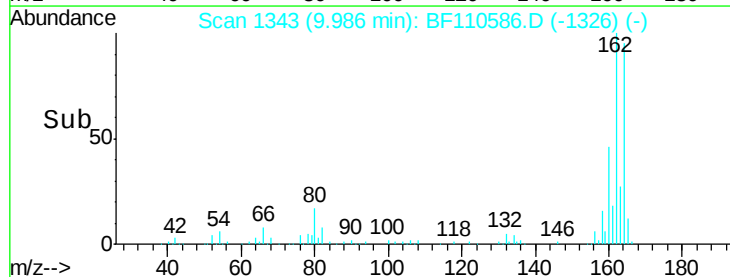
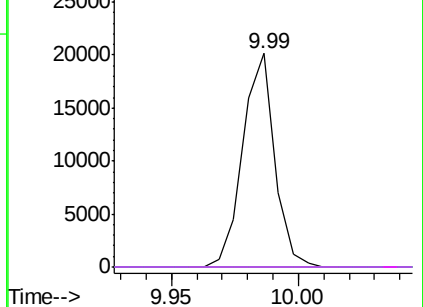


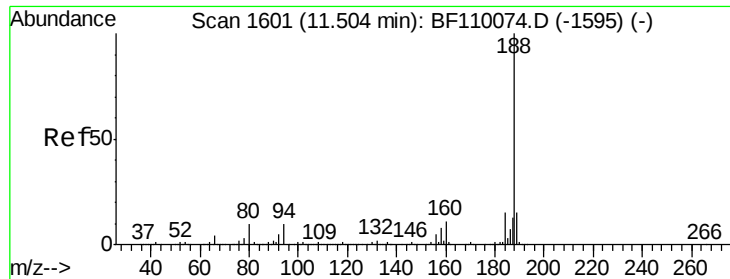
Abundance Ion 165.00 (164.70 to 165.70): E

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

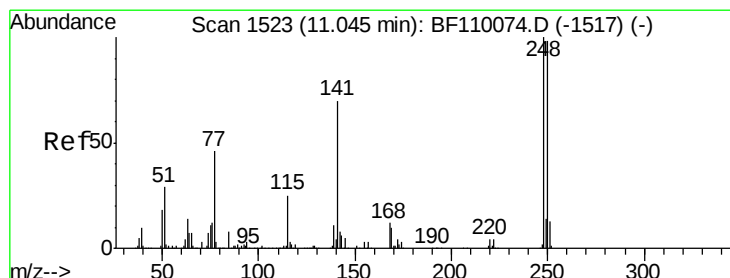
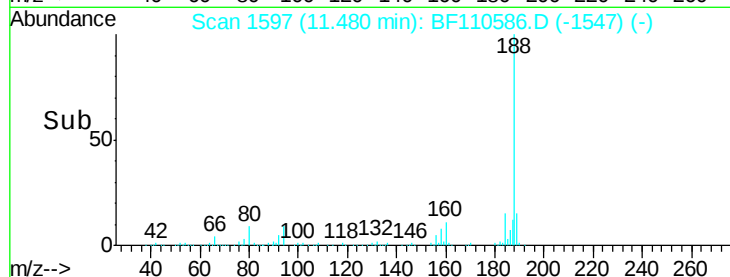
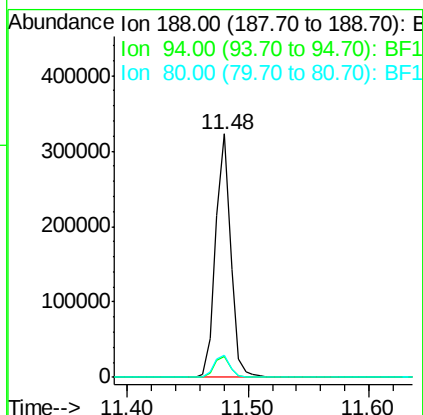
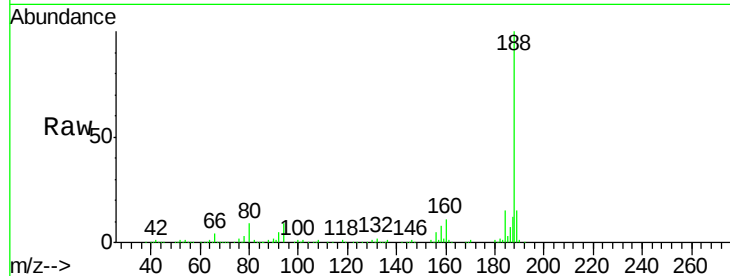




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110586.D
Acq: 8 Nov 2018 15:57

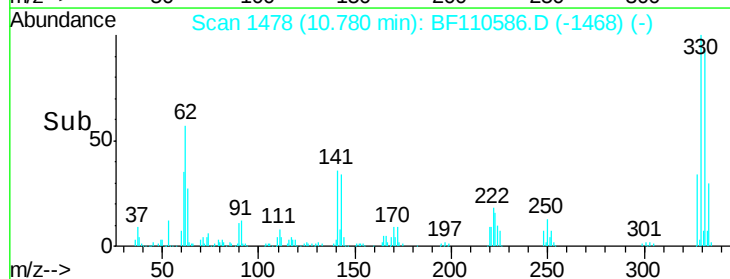
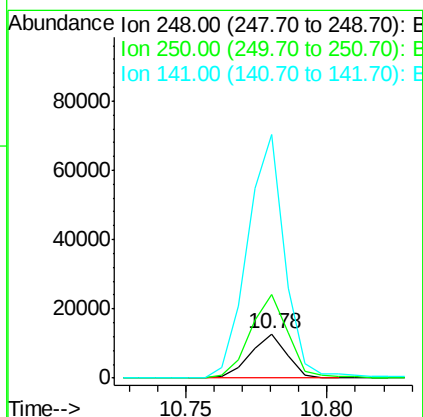
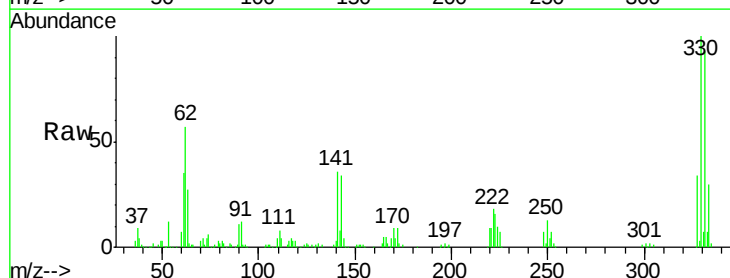
Instrument :
BNA_F
ClientSampleId :

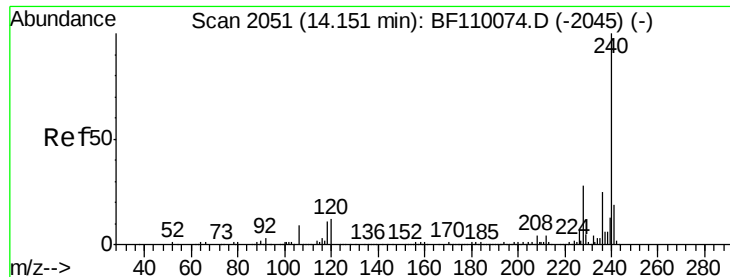
Tot Ion:188 Resp: 275438
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110586.D
Acq: 8 Nov 2018 15:57

Tgt Ion:248 Resp: 11233
Ion Ratio Lower Upper
248 100
250 190.2 79.4 119.2#
141 552.7 55.9 83.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110586.D

Acq: 8 Nov 2018 15:57

Instrument :

BNA_F

ClientSampled :

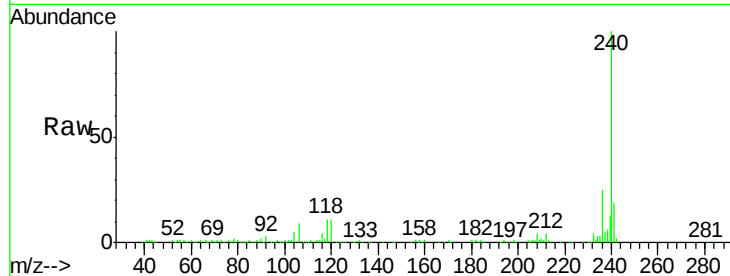
Tot Ion:240 Resp: 192393

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

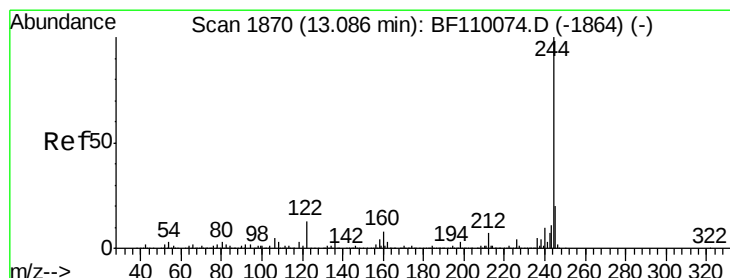
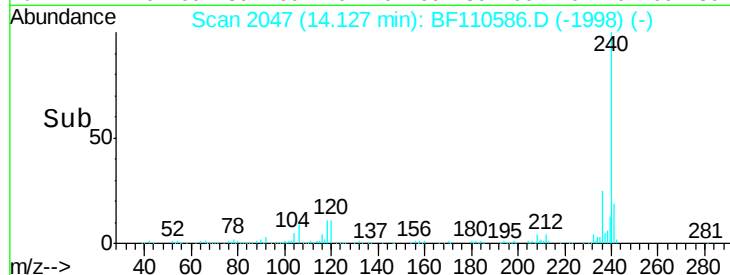
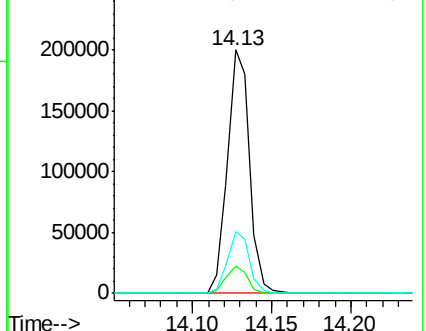
236 25.5 21.2 31.8



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: 80.30 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF110586.D

Acq: 8 Nov 2018 15:57

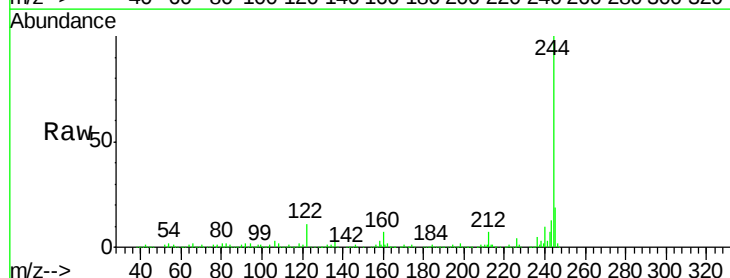
Tgt Ion:244 Resp: 824959

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

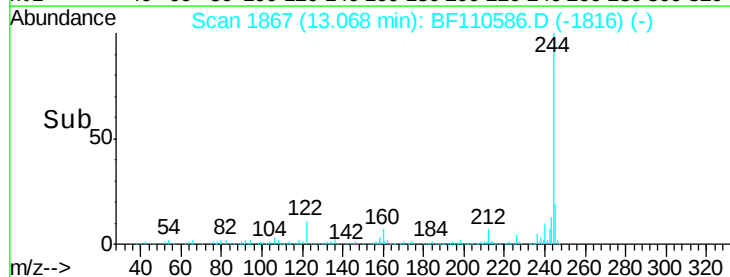
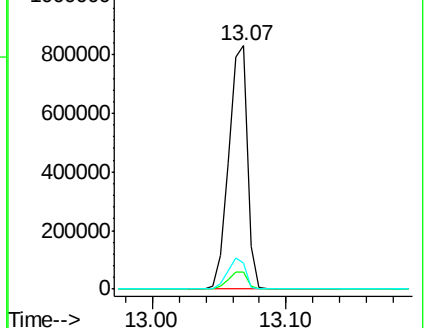
122 10.6 8.7 13.1

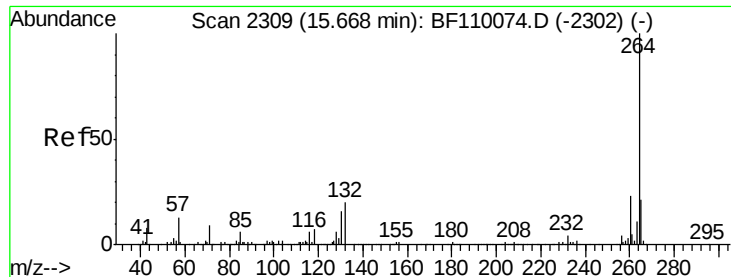


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

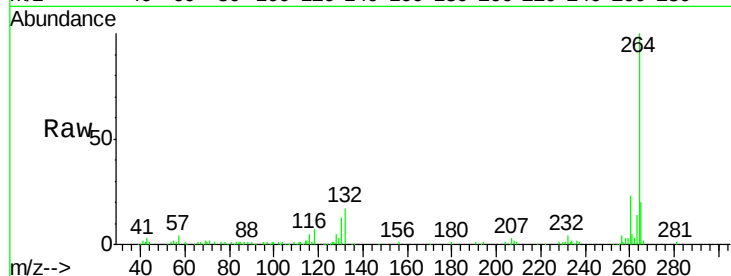




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BF110586.D
 Acq: 8 Nov 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.2	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

