

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101635.D
 Acq On : 22 Dec 2017 5:21
 Operator : SJ/JU
 Sample : I7008-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:59:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

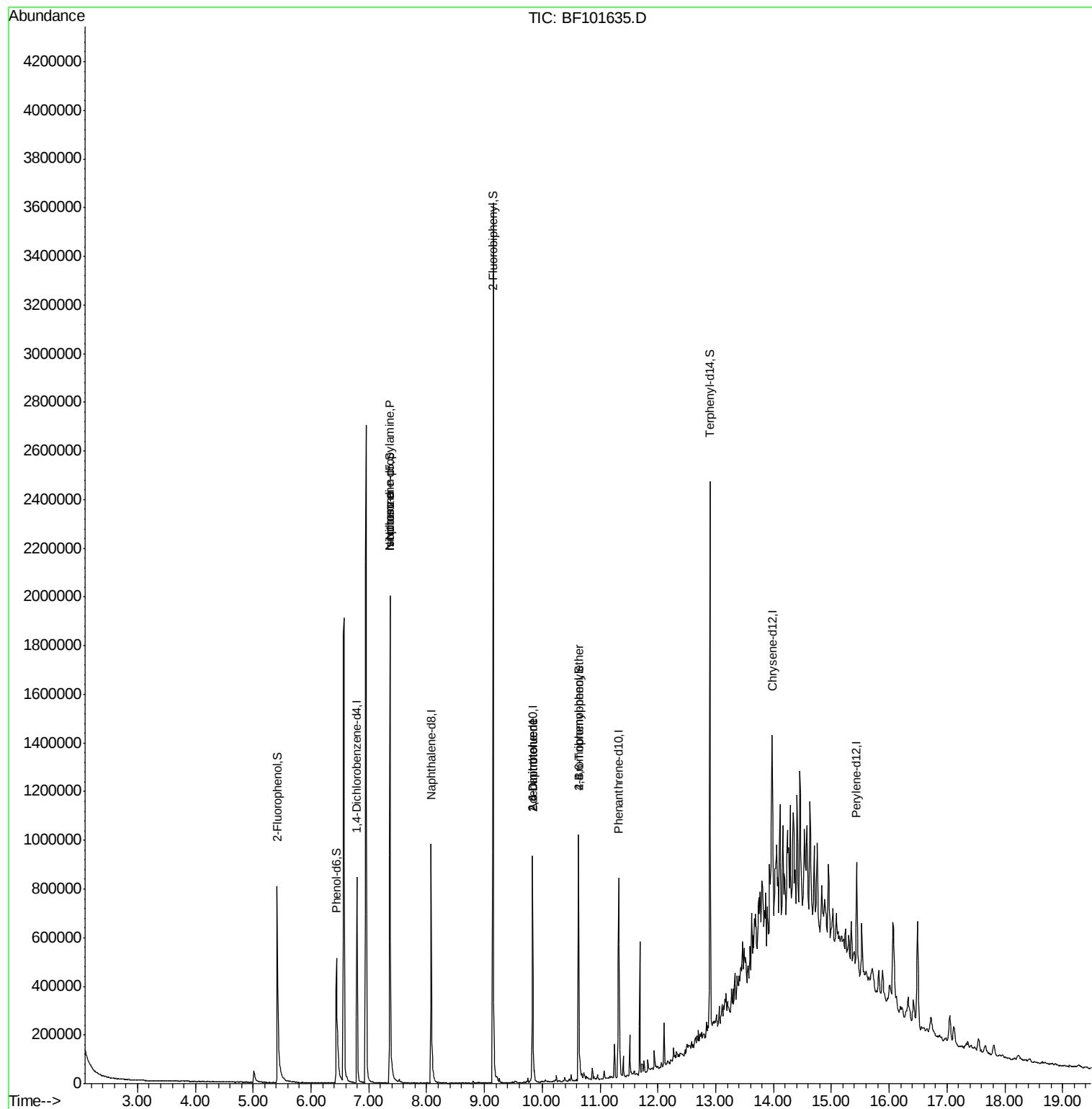
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134299	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	517647	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	204449	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	307825	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273740	20.00	ng	0.00
86) Perylene-d12	15.44	264	230433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	355479	39.43	ng	0.00
7) Phenol-d6	6.44	99	299367	26.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	790009	84.95	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	140418	71.28	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1235930	93.78	ng	0.00
78) Terphenyl-d14	12.90	244	808674	71.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	106280	14.423	ng	# 80
25) Isophorone	7.37	82	790009	42.349	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25522	7.636	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	25522	6.777	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	8486	2.453	ng	# 1

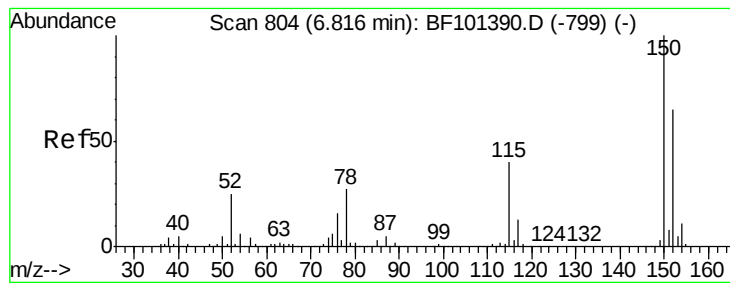
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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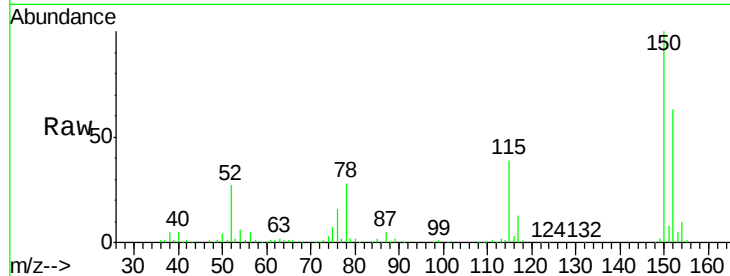


#1

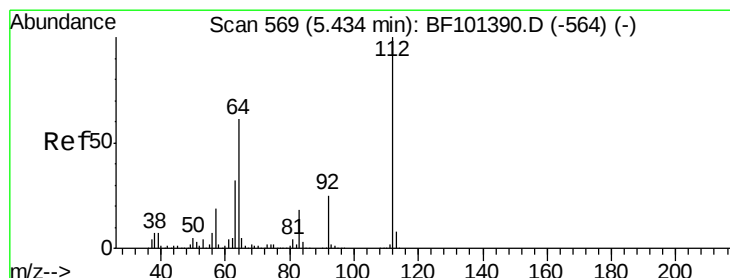
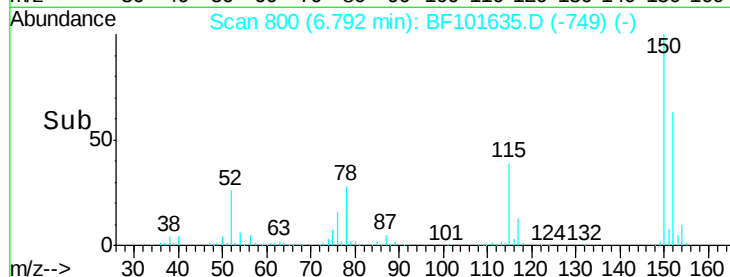
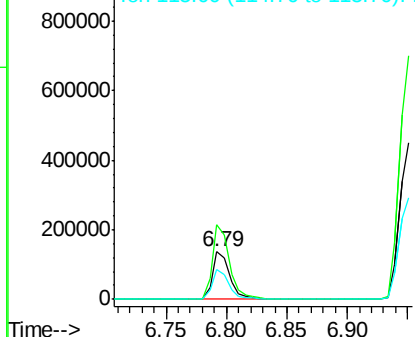
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	62.5	50.1	75.1



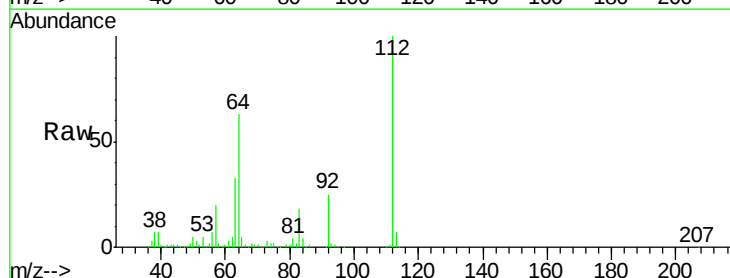
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



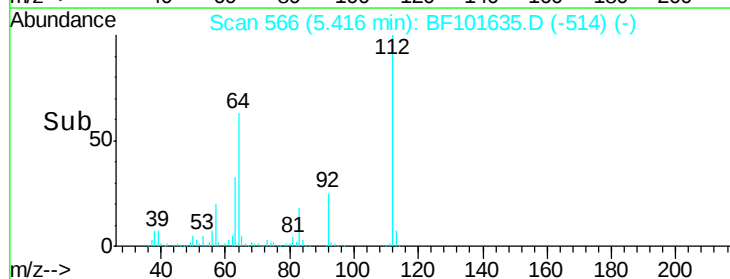
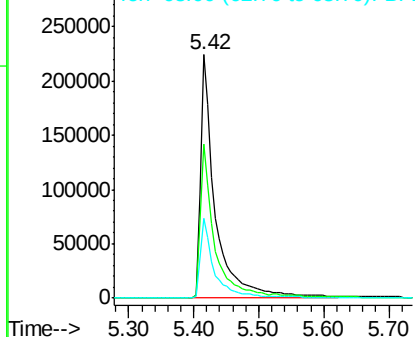
#5

2-Fluorophenol
Concen: 39.428 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	32.8	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: 26.680 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

Instrument :

BNA_F

ClientSampled :

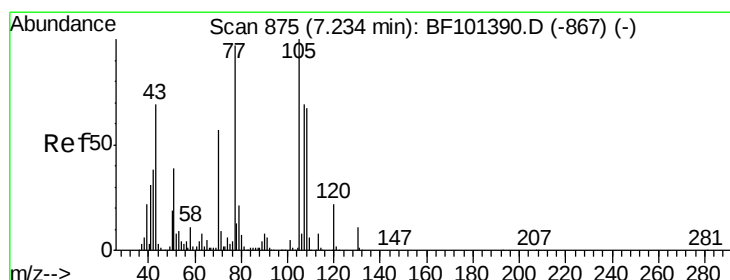
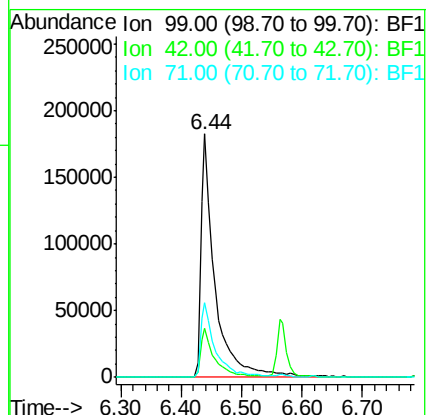
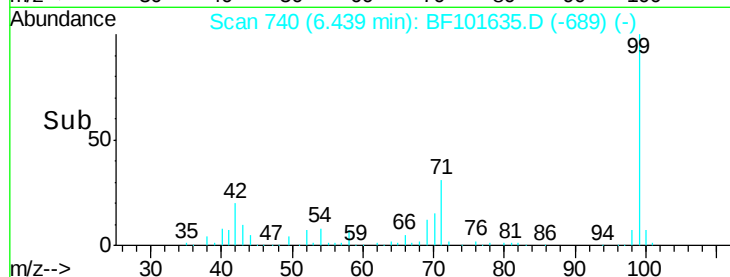
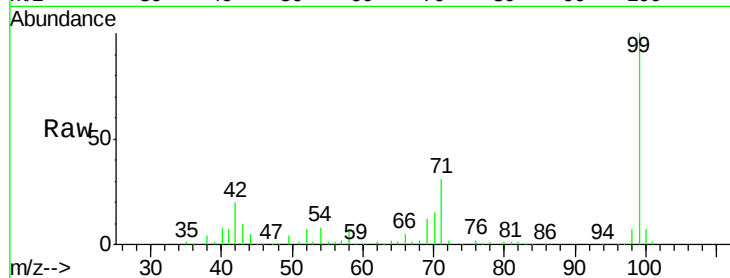
Tot Ion: 99 Resp: 299367

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 30.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.423 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

Tgt Ion: 70 Resp: 106280

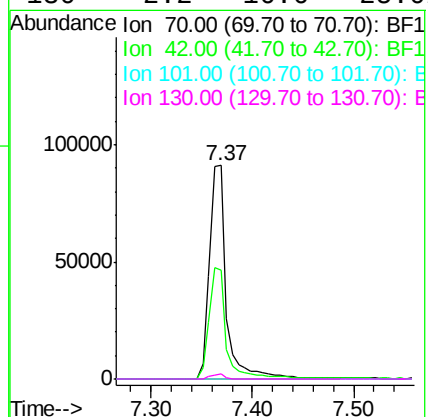
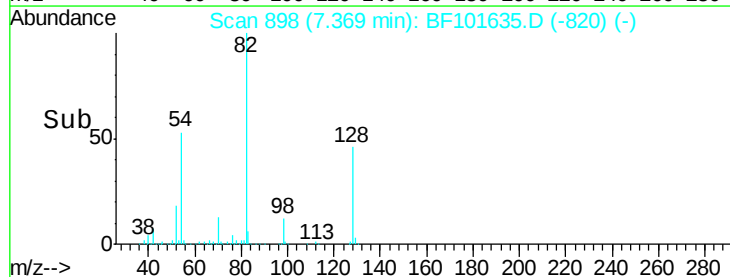
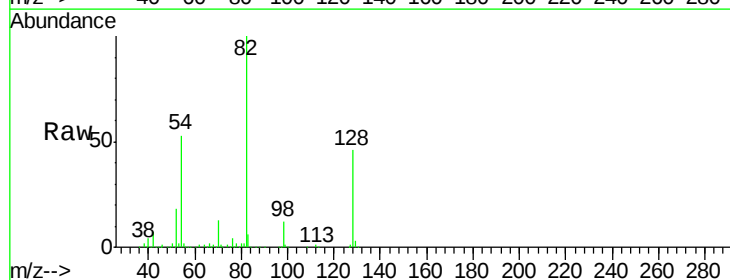
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

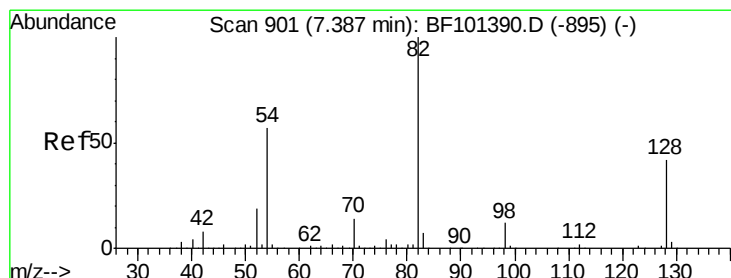
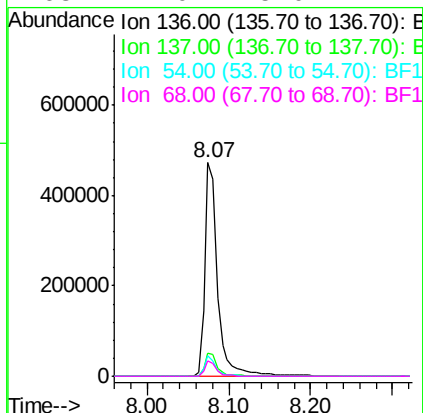
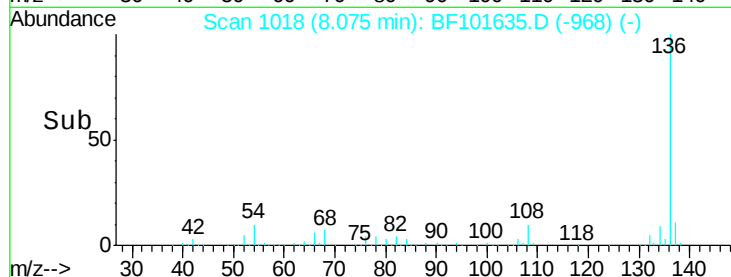
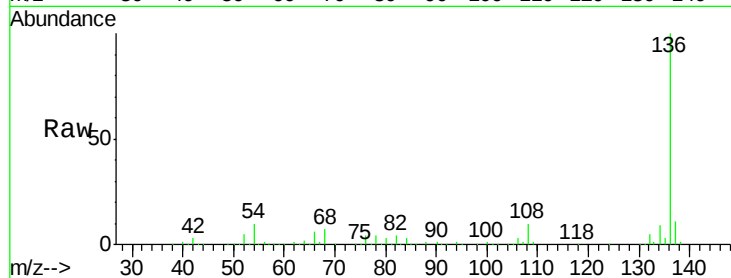




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

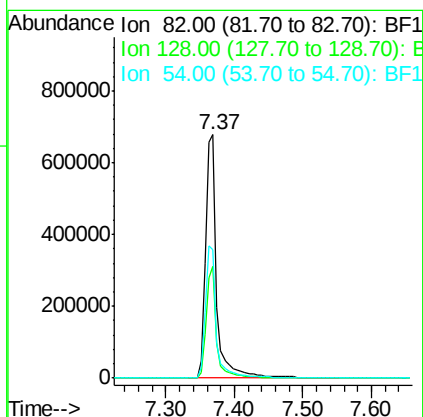
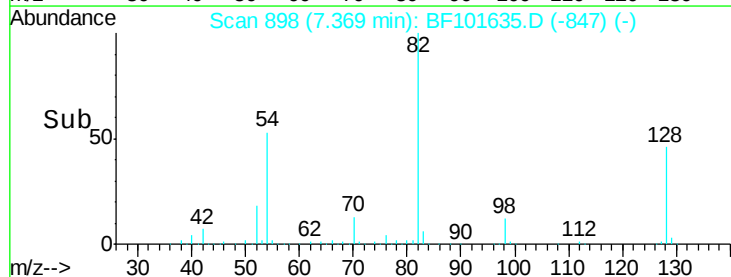
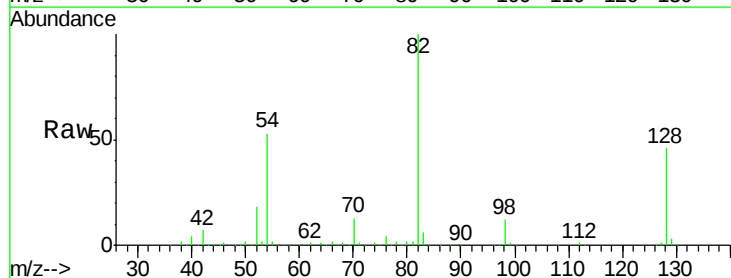
Instrument :
BNA_F
ClientSampleId :

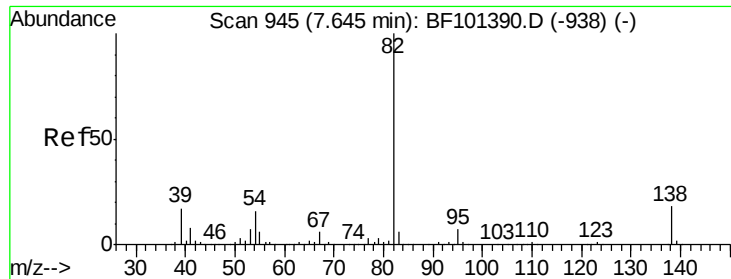
Tot Ion:136	Resp:	517647
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.5	6.6 9.8
68	7.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 84.955 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

Tgt Ion: 82	Resp:	790009
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.1 54.1
54	52.8	41.4 62.2





#25

Isophorone

Concen: 42.349 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

Instrument :

BNA_F

ClientSampleId :

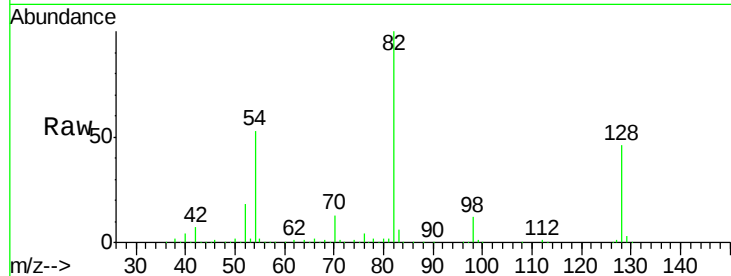
Tot Ion: 82 Resp: 790009

Ion Ratio Lower Upper

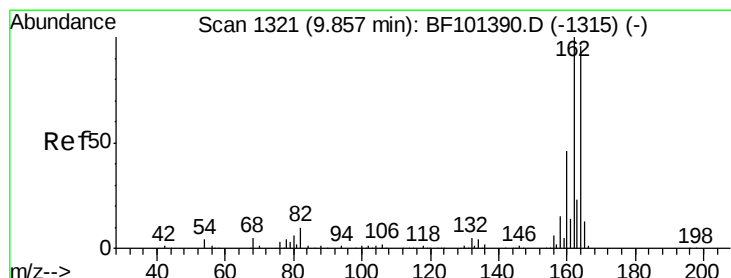
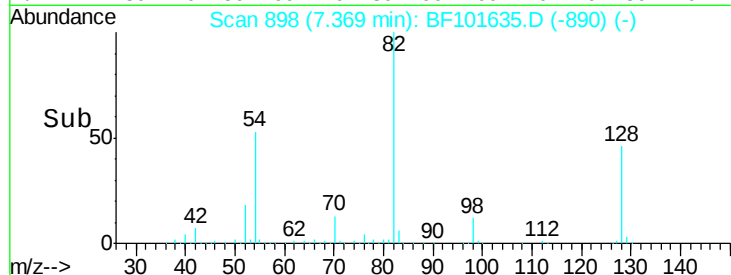
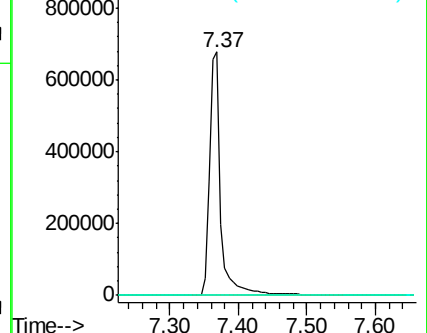
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

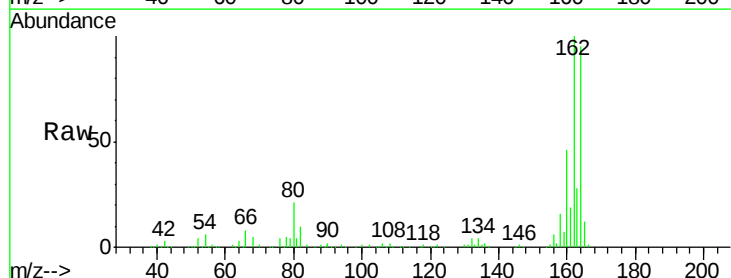
Tgt Ion: 164 Resp: 204449

Ion Ratio Lower Upper

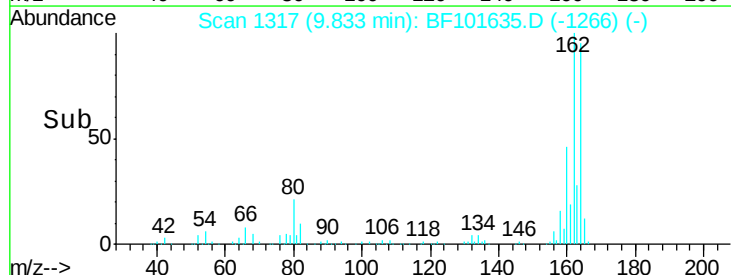
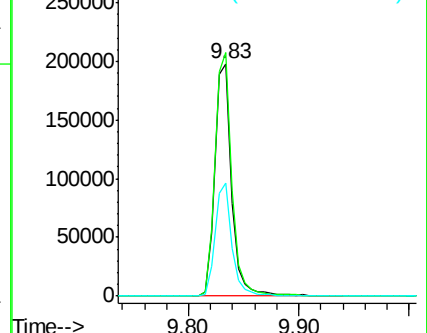
164 100

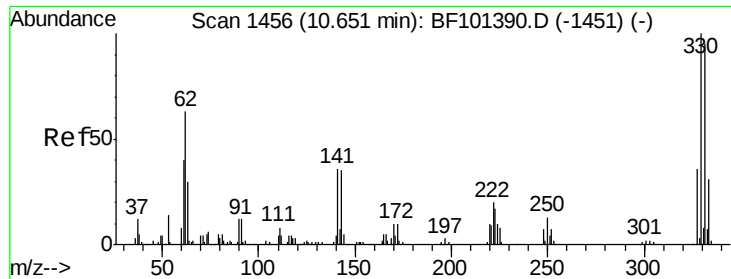
162 104.8 86.1 129.1

160 48.4 38.3 57.5



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

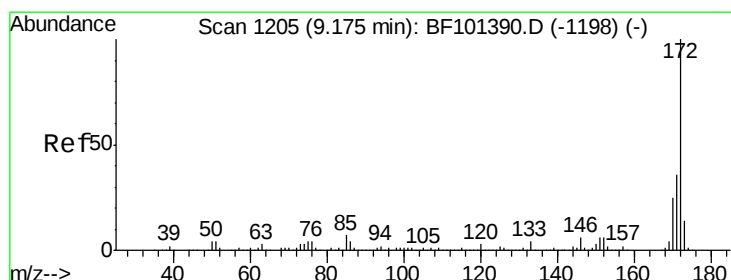
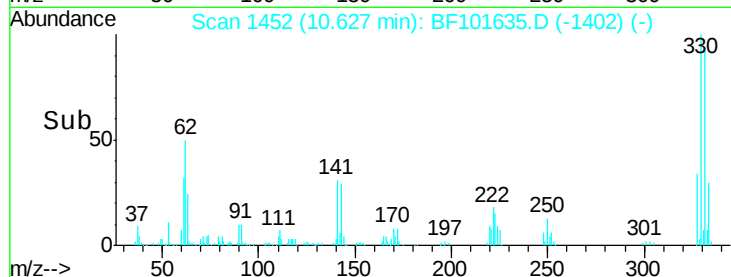
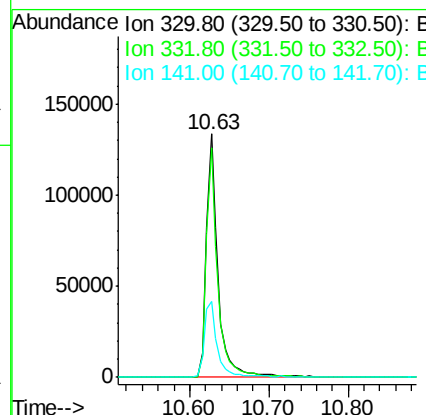
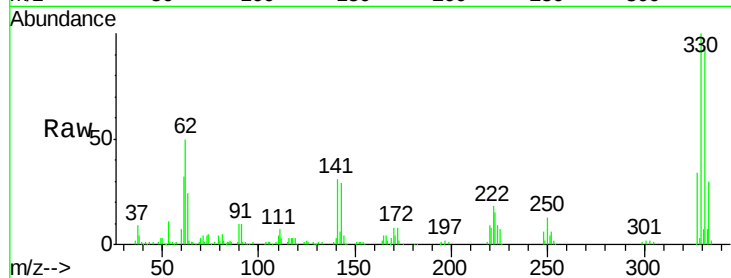




#41
 2,4,6-Tribromophenol
 Concen: 71.277 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101635.D
 Acq: 22 Dec 2017 5:21

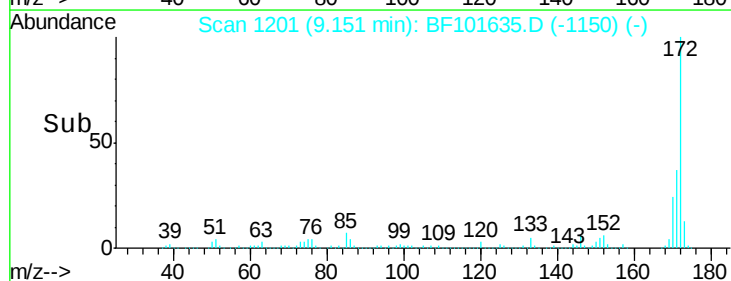
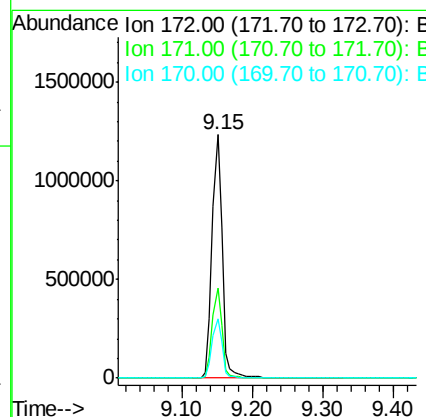
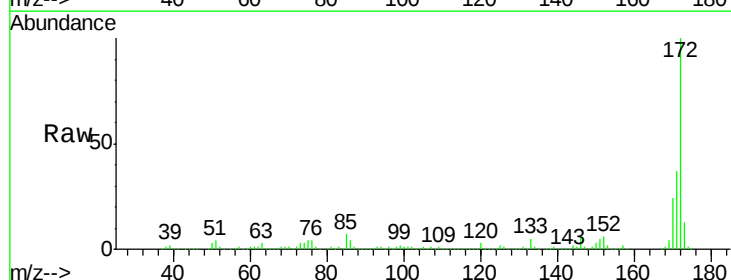
Instrument :
 BNA_F
 ClientSampleId :

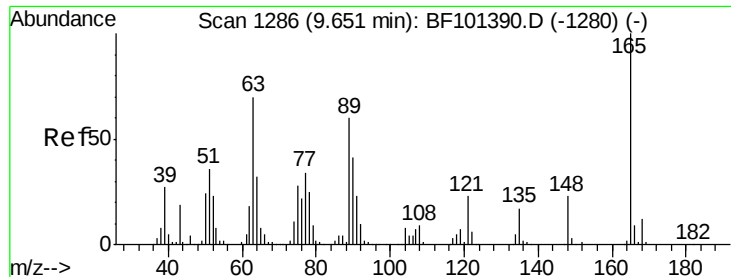
Tot Ion	330	332	141
Resp:	140418		
Ion Ratio	100	93.3	35.0
Lower		77.0	29.9
Upper		115.6	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.775 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101635.D
 Acq: 22 Dec 2017 5:21

Tgt Ion	172	171	170
Resp:	1235930		
Ion Ratio	100	36.7	24.5
Lower		29.7	19.6
Upper		44.5	29.4

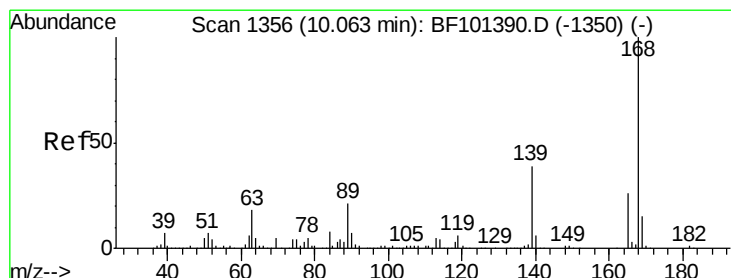
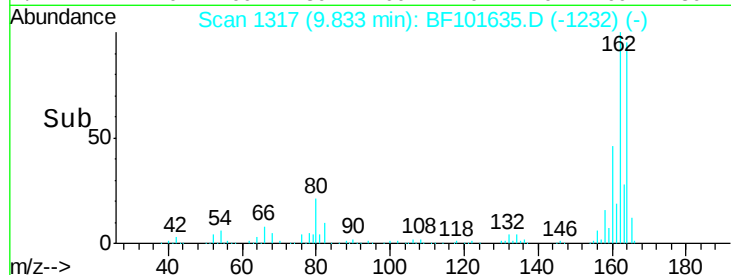
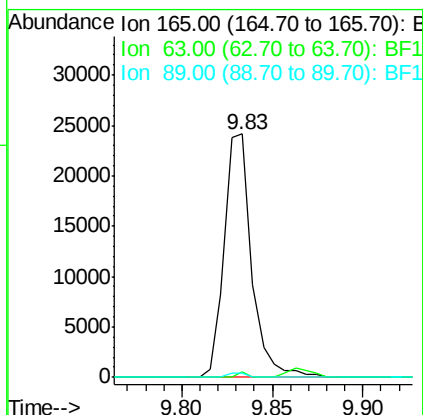
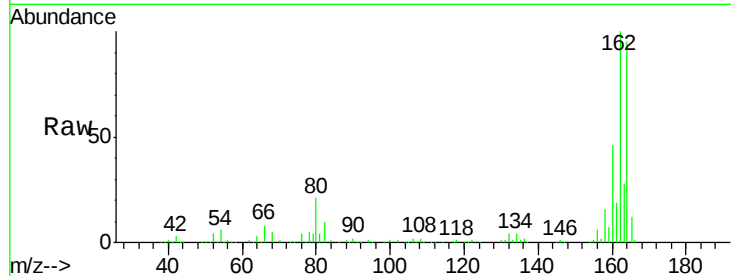




#50
2,6-Dinitrotoluene
Concen: 7.636 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

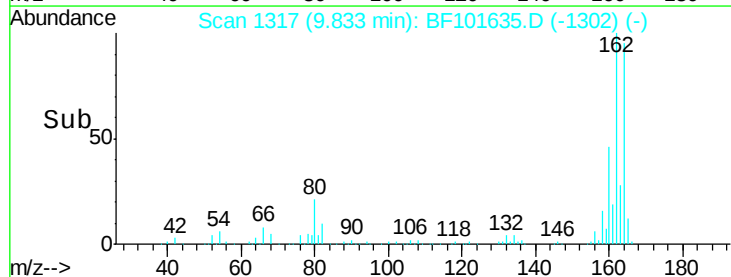
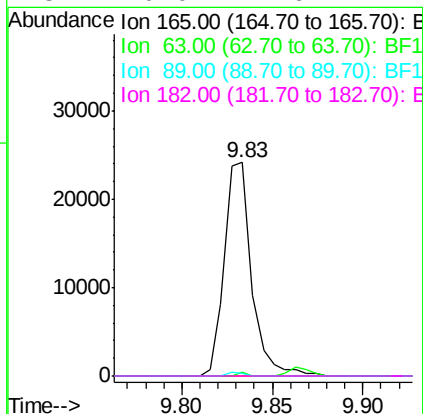
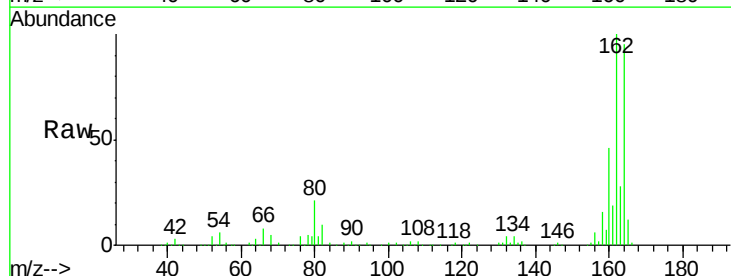
Instrument :
BNA_F
ClientSampleId :

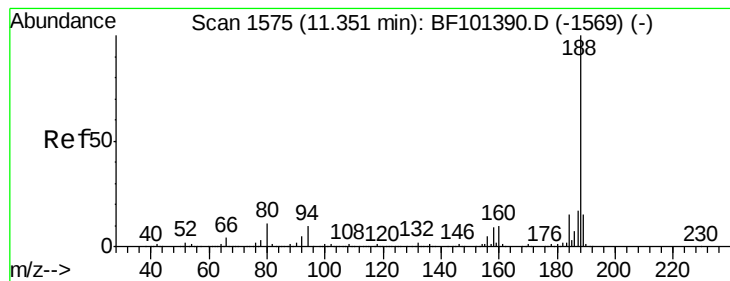
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.5	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

Instrument :

BNA_F

ClientSampleId :

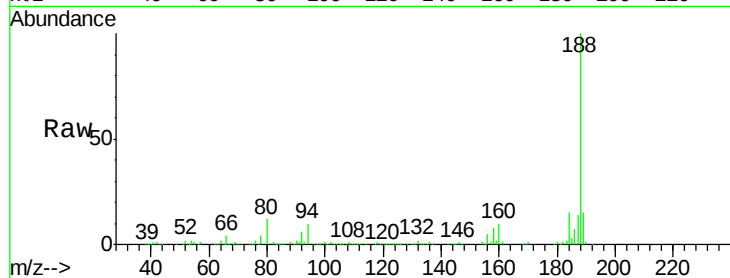
Tot Ion:188 Resp: 307825

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

80 11.5 9.2 13.8



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

11.32

300000

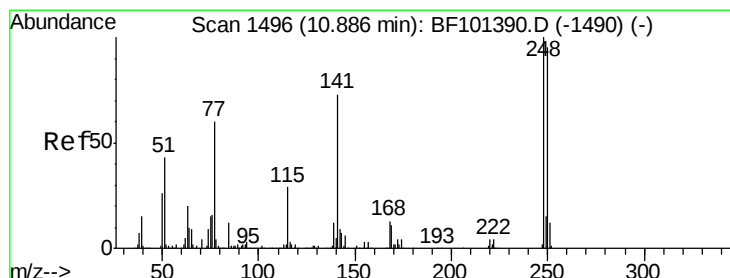
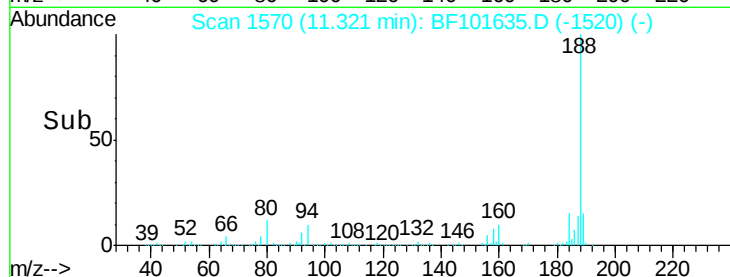
200000

100000

0

11.30 11.40

Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.453 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

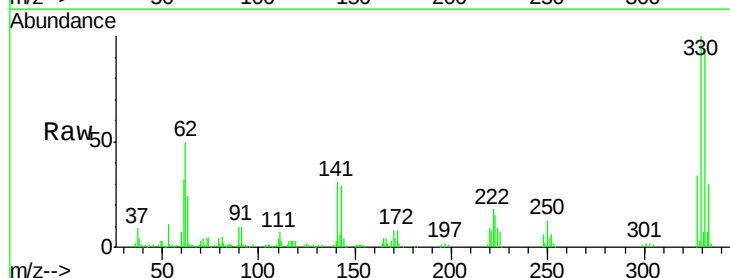
Tgt Ion:248 Resp: 8486

Ion Ratio Lower Upper

248 100

250 210.6 76.9 115.3#

141 514.9 74.4 111.6#



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

50000

40000

30000

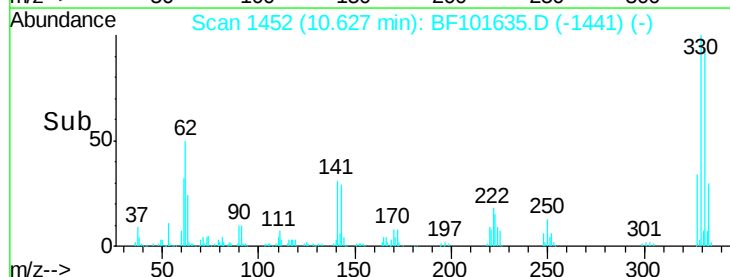
20000

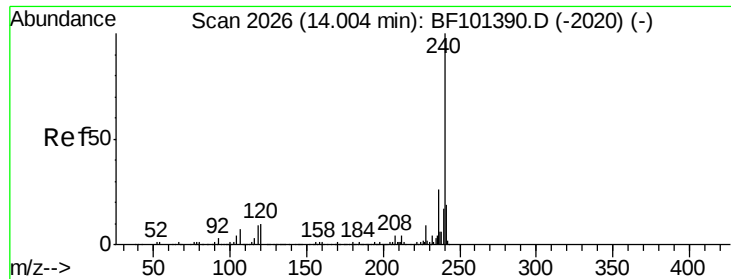
10000

0

10.60 10.65

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

Instrument :

BNA_F

ClientSampleId :

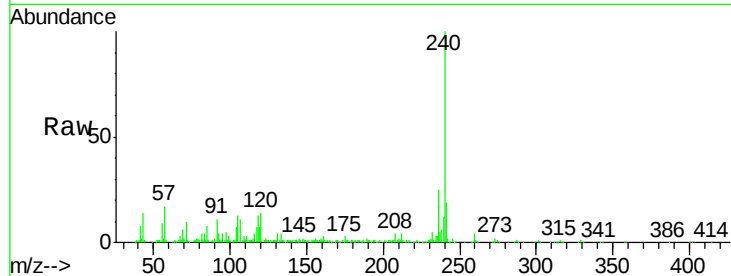
Tot Ion:240 Resp: 273740

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

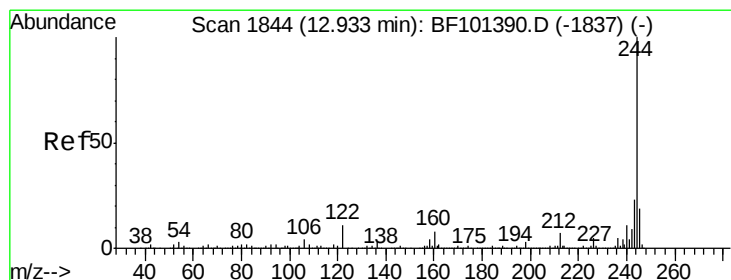
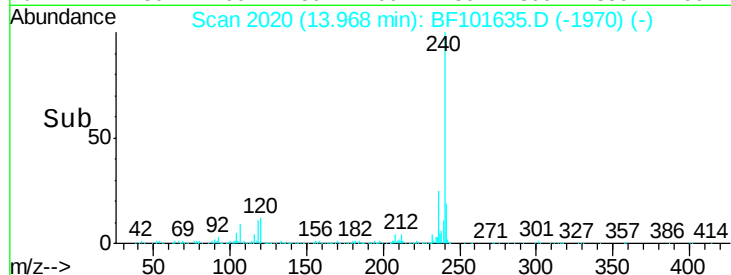
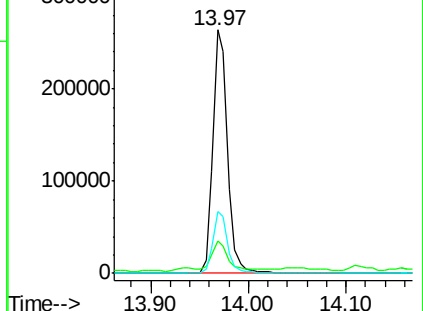
236 25.5 20.7 31.1



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



#78

Terphenyl-d14

Concen: 71.218 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

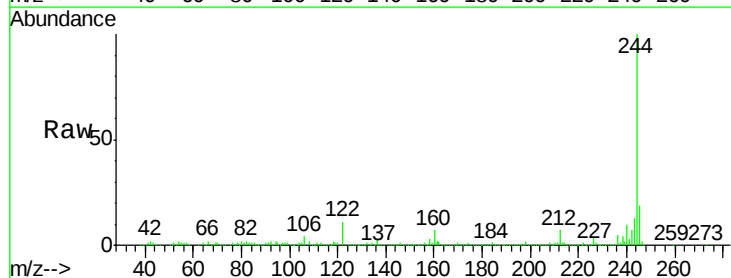
Tgt Ion:244 Resp: 808674

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

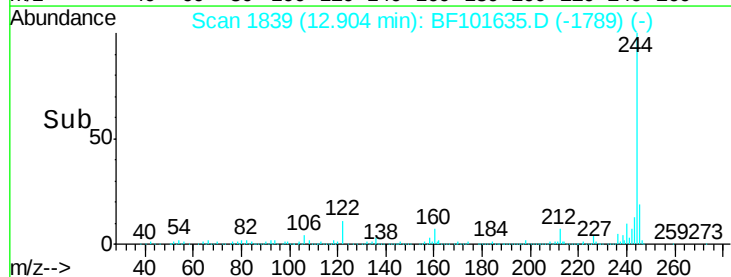
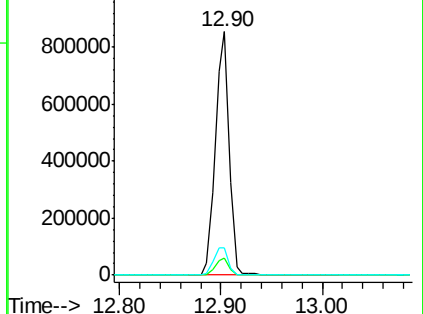
122 11.1 11.0 16.4

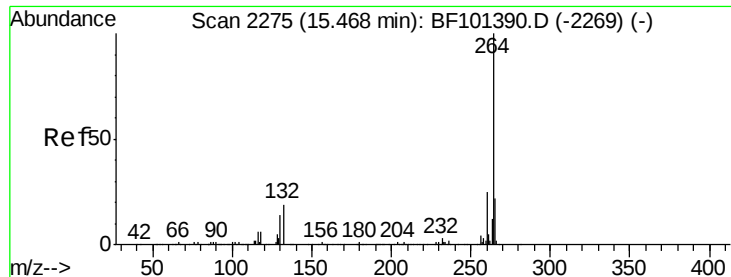


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

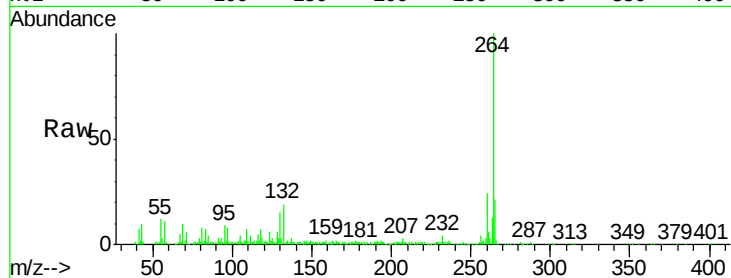




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3



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

