

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112136.D
 Acq On : 18 Jan 2019 20:36
 Operator : JU/SJ
 Sample : PB116493BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BL

Quant Time: Jan 18 23:39:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	277109	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1049381	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	525682	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	953680	20.00	ng	0.00
76) Chrysene-d12	14.02	240	658474	20.00	ng	0.00
87) Perylene-d12	15.49	264	635847	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1420541	93.04	ng	0.00
7) Phenol-d6	6.50	99	1787826	93.59	ng	0.00
23) Nitrobenzene-d5	7.42	82	1130518	74.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	542317	95.63	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2317746	64.64	ng	0.00
79) Terphenyl-d14	12.96	244	2241840	72.43	ng	0.00

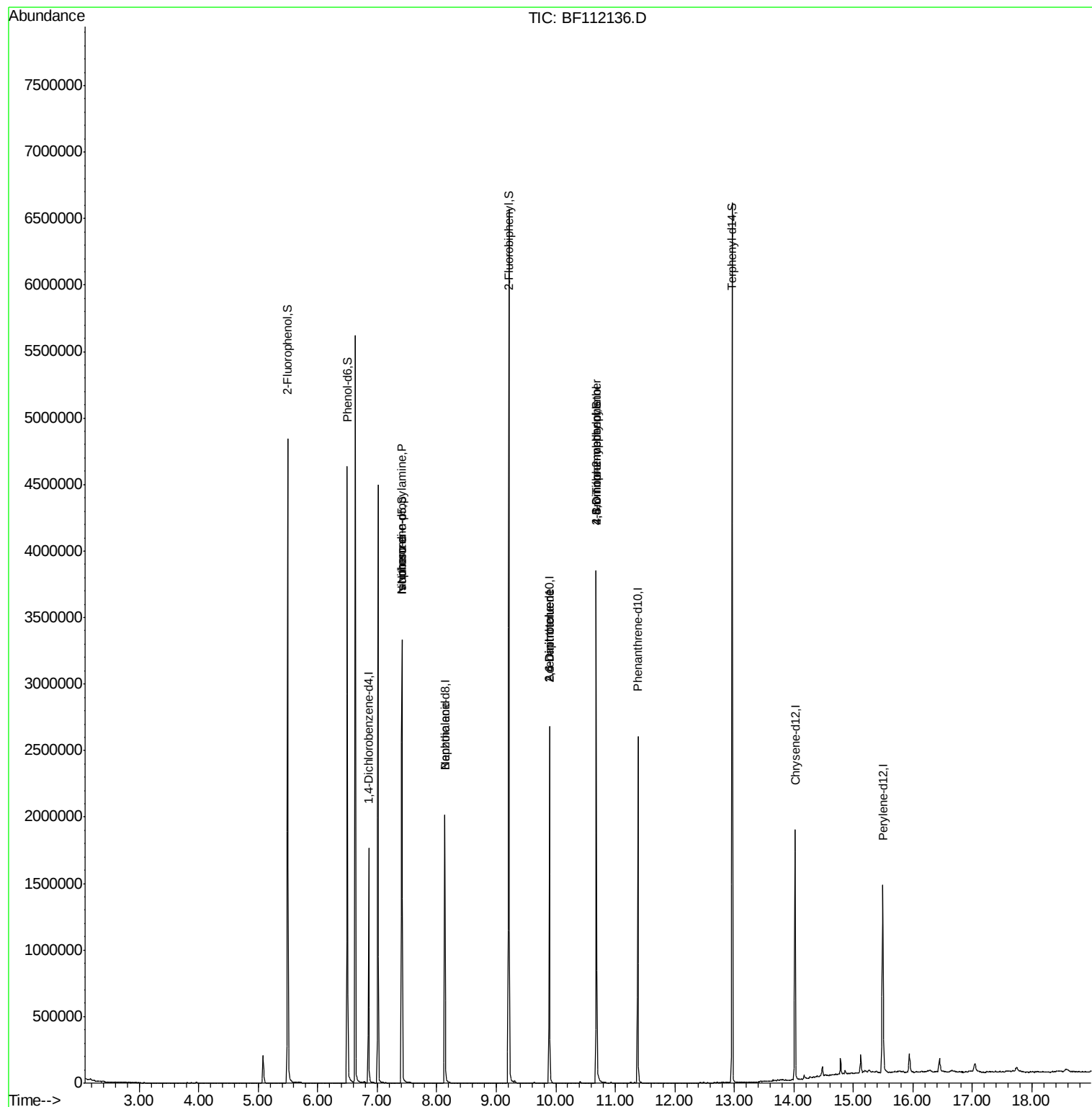
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	3092	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	150200	12.907	ng	# 77
25) Isophorone	7.42	82	1118045	38.110	ng	# 64
32) Benzoic acid	8.14	122	129	7.190	ng	# 1
51) 2,6-Dinitrotoluene	9.89	165	67159	8.772	ng	# 34
57) 2,4-Dinitrotoluene	9.89	165	67159	10.763	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.68	198	1088	10.286	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	32406	2.925	ng	# 1

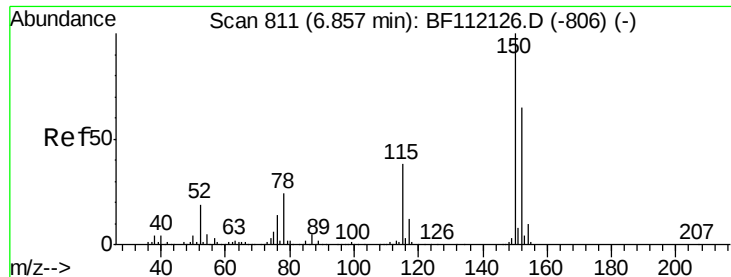
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112136.D
Acq On : 18 Jan 2019 20:36
Operator : JU/SJ
Sample : PB116493BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116493BL

Quant Time: Jan 18 23:39:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration



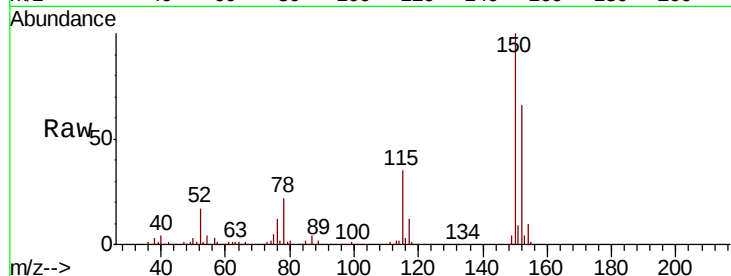


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
PB116493BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.0	127.4	191.0
115	53.9	45.5	68.3

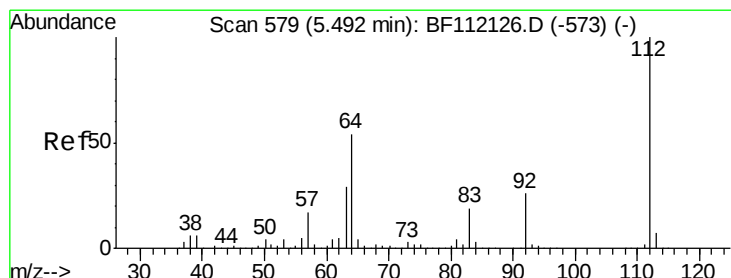
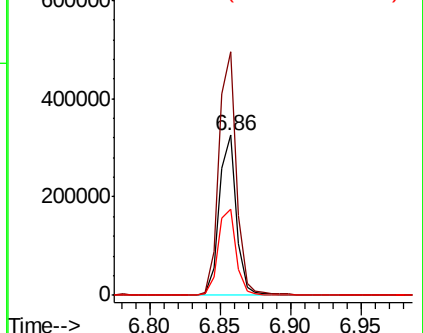
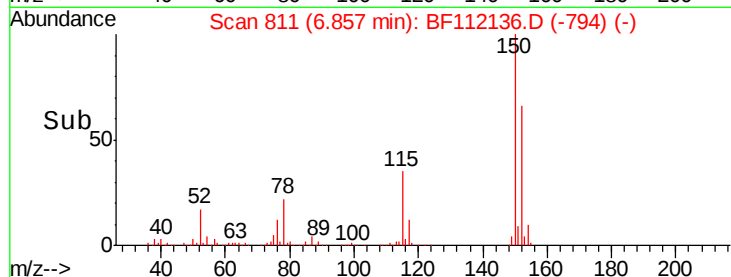


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

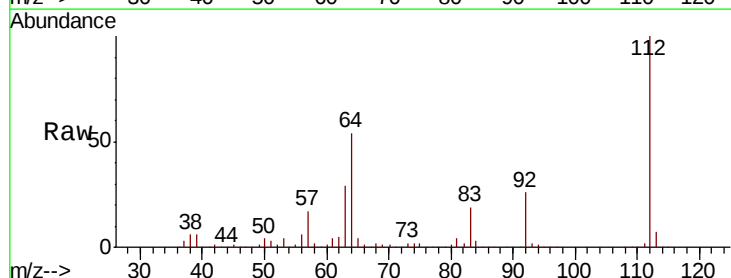
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.044 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.7	68.5
63	28.9	23.6	35.4

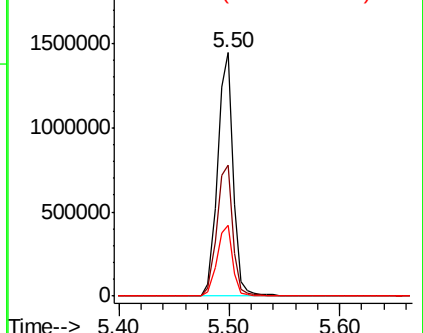
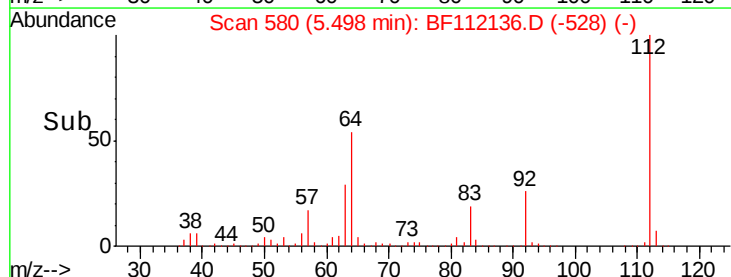


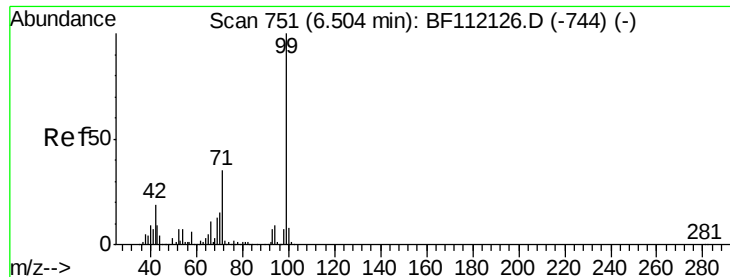
Abundance

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: 93.594 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Instrument :

BNA_F

ClientSampleId :

PB116493BL

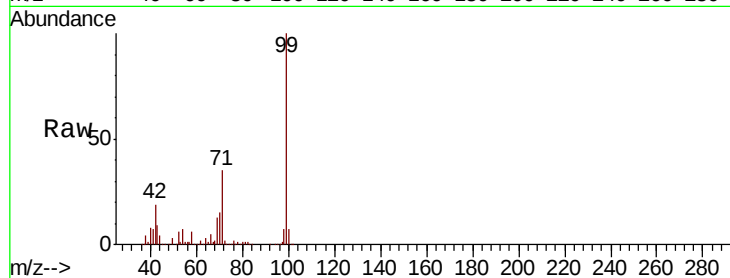
Tgt Ion: 99 Resp: 1787826

Ion Ratio Lower Upper

99 100

42 18.9 15.1 22.7

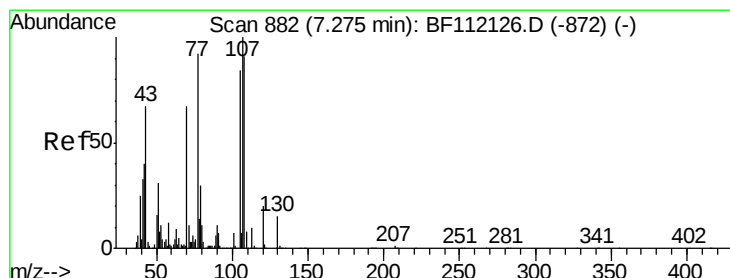
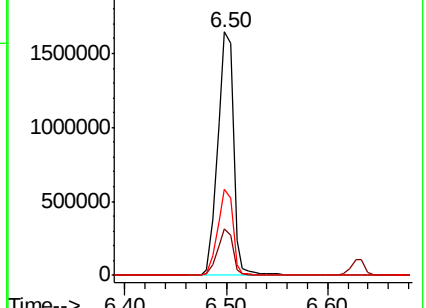
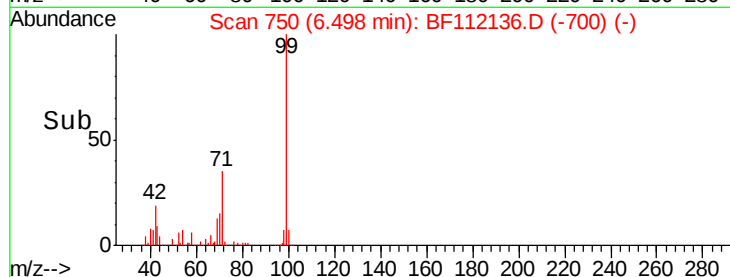
71 35.3 26.9 40.3



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: 12.907 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Tgt Ion: 70 Resp: 150200

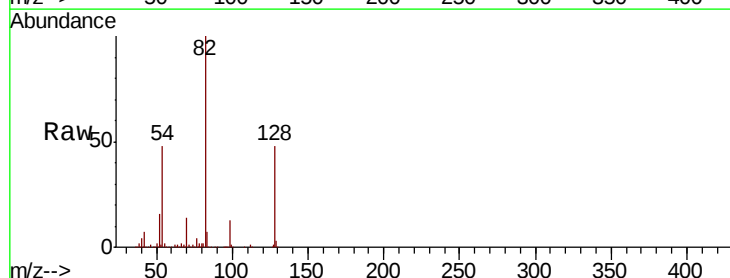
Ion Ratio Lower Upper

70 100

42 48.1 47.6 71.4

101 0.0 7.9 11.9#

130 2.0 18.4 27.6#

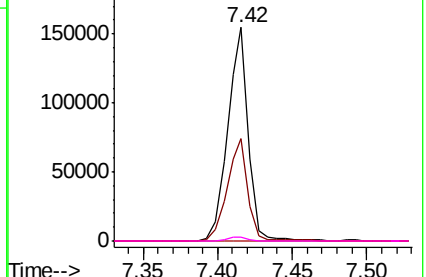
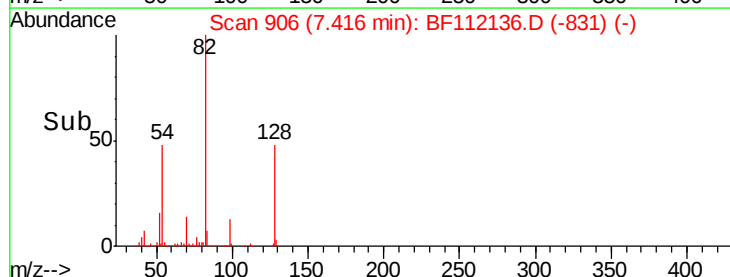


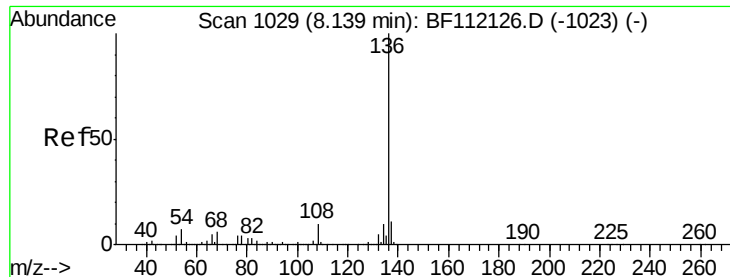
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

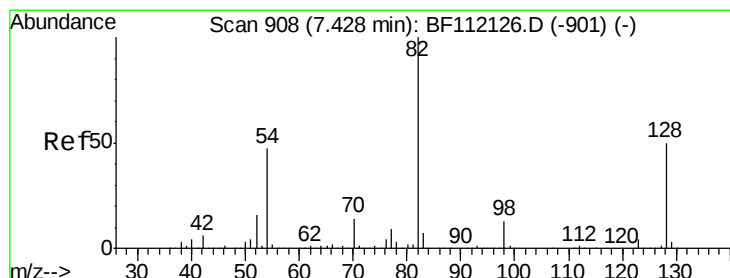
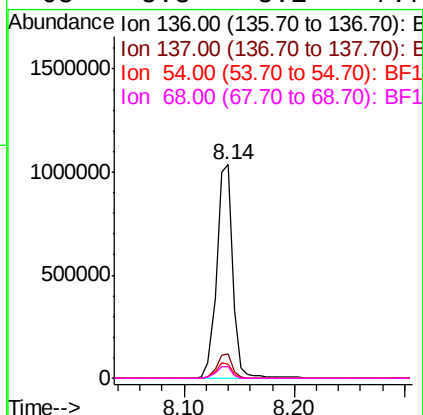
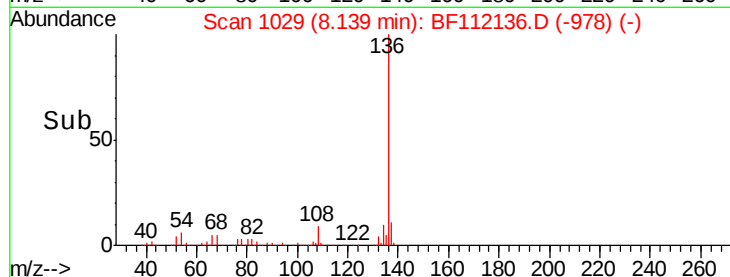
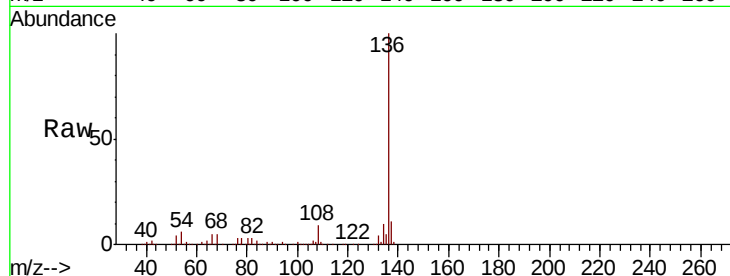




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

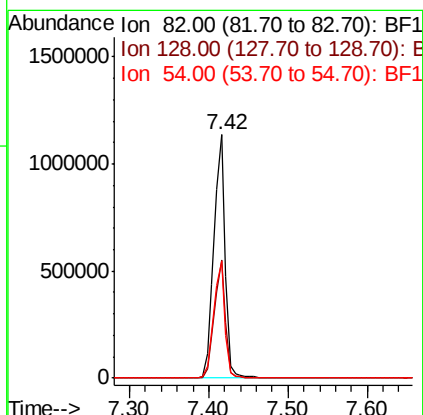
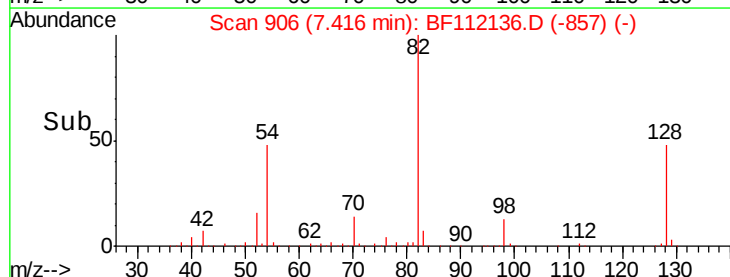
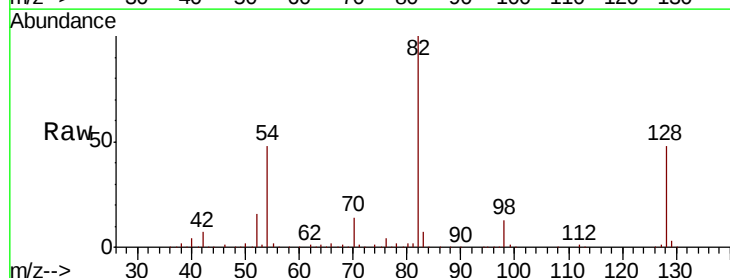
Instrument :
BNA_F
ClientSampleId :
PB116493BL

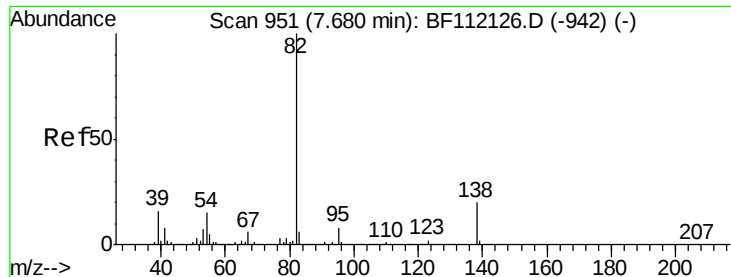
Tgt Ion:	136	Resp:	1049381
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.4	5.9	8.9
68	5.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 74.431 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Tgt Ion:	82	Resp:	1130518
Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.8	56.8
54	48.0	39.7	59.5





#25

Isophorone

Concen: 38.110 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Instrument :

BNA_F

ClientSampleId :

PB116493BL

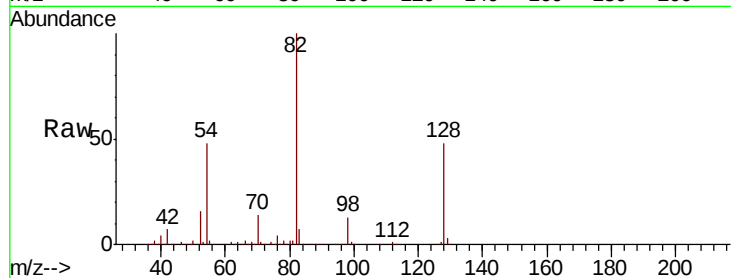
Tgt Ion: 82 Resp: 1118045

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

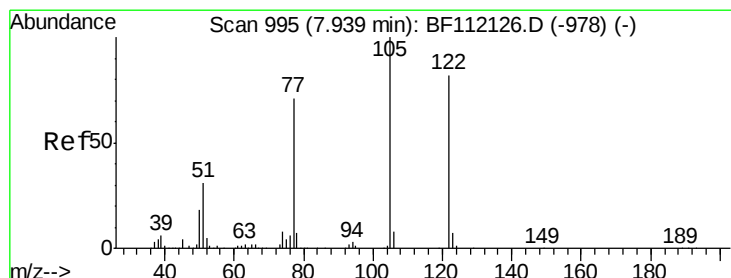
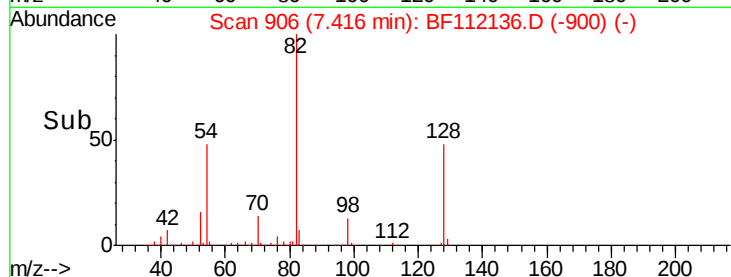
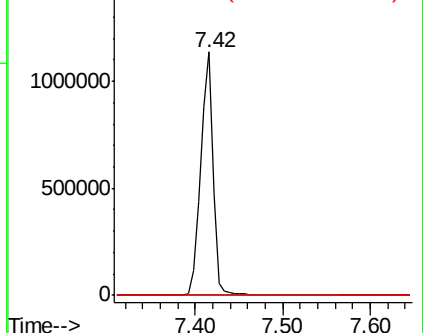
138 0.0 15.4 23.0#



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



#32

Benzoic acid

Concen: 7.190 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.20 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

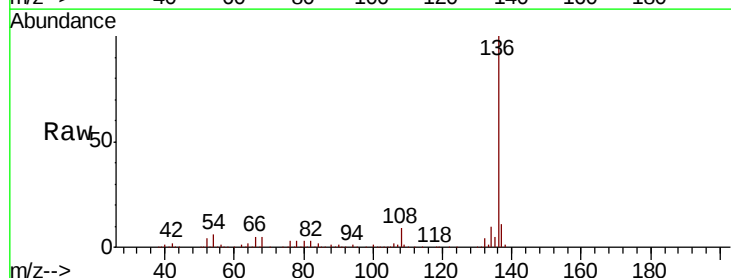
Tgt Ion: 122 Resp: 129

Ion Ratio Lower Upper

122 100

105 315.3 101.2 141.2#

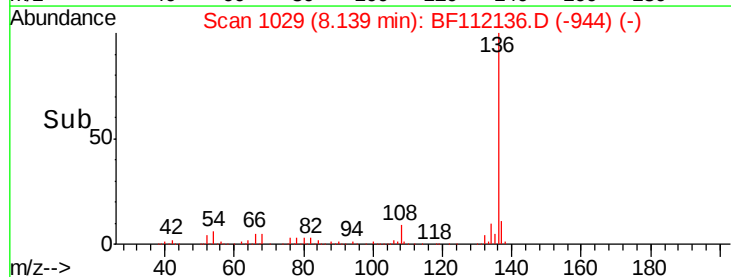
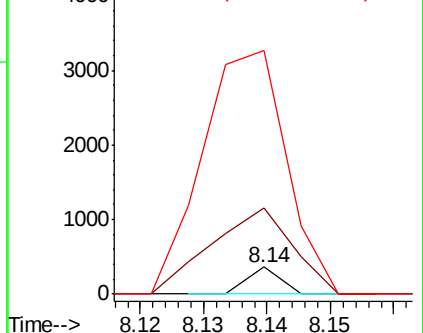
77 895.1 70.4 110.4#

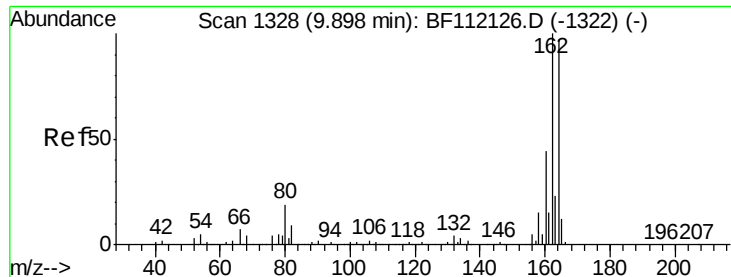


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

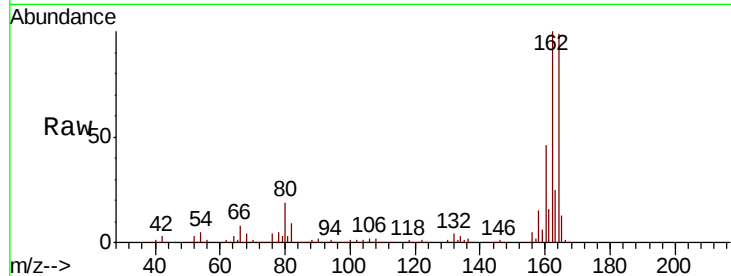




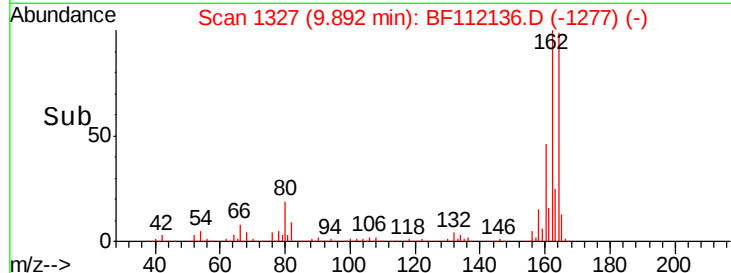
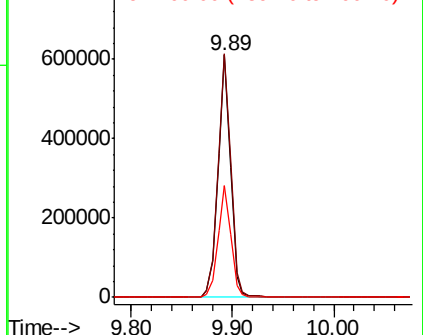
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112136.D
 Acq: 18 Jan 2019 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BL

Tgt Ion:164 Resp: 525682
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.2 123.4
 160 46.3 36.2 54.4

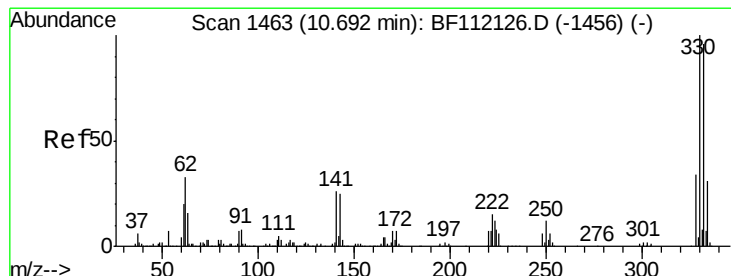


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

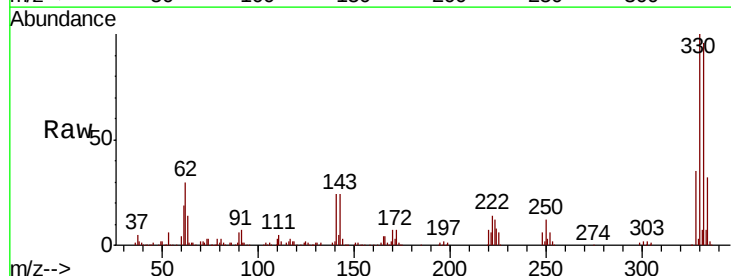
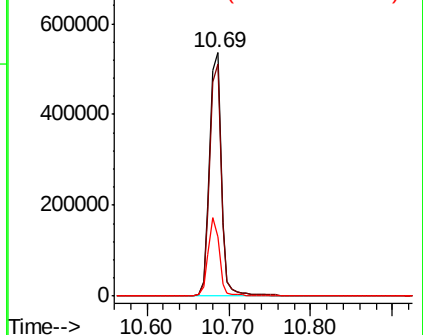


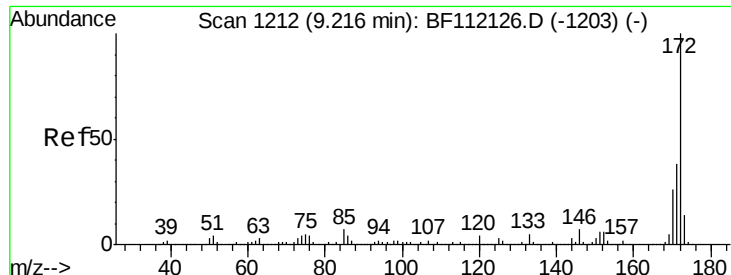
#42
 2,4,6-Tribromophenol
 Concen: 95.631 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112136.D
 Acq: 18 Jan 2019 20:36

Tgt Ion:330 Resp: 542317
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 30.6 24.3 36.5



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

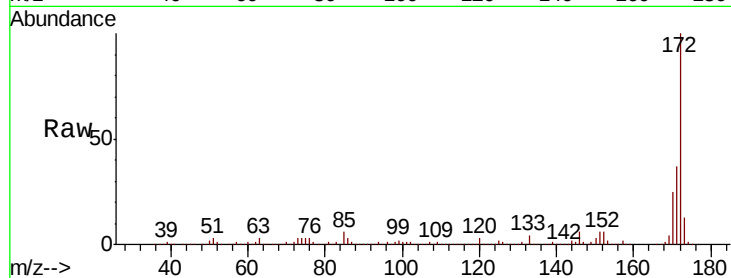




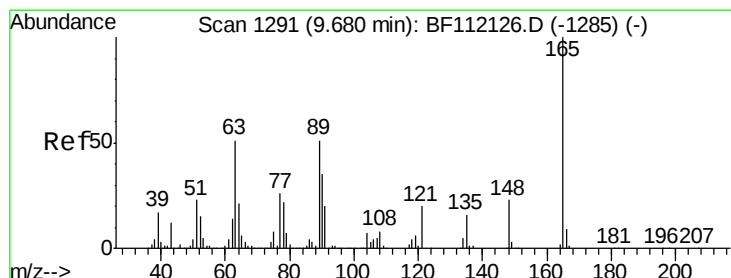
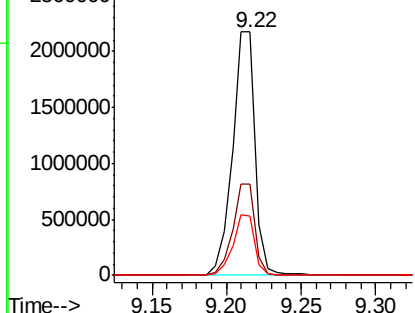
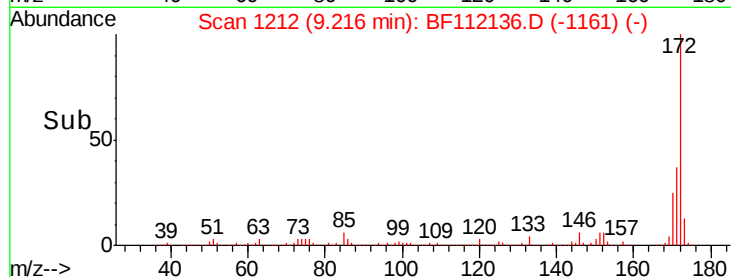
#45
 2-Fluorobiphenyl
 Concen: 64.641 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112136.D
 Acq: 18 Jan 2019 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BL

Tgt Ion:172 Resp: 2317746
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 24.5 20.2 30.4

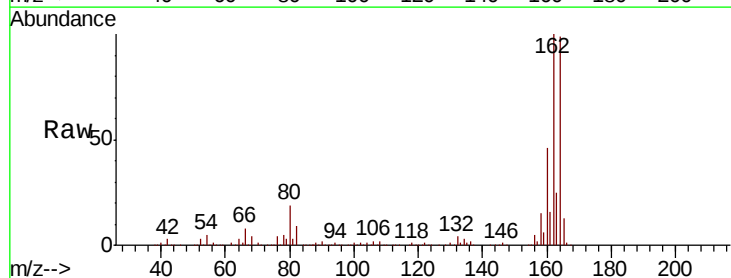


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

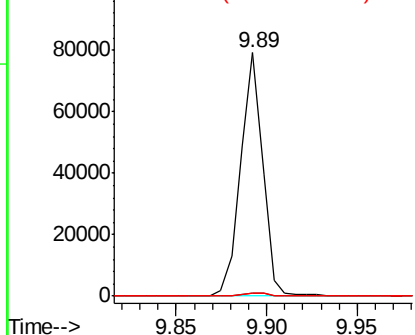
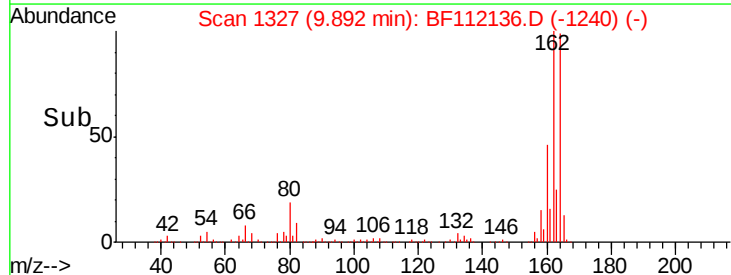


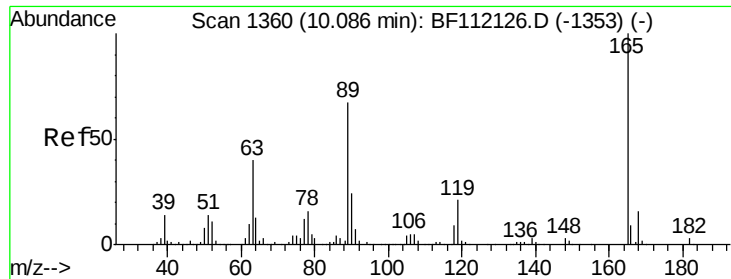
#51
 2,6-Dinitrotoluene
 Concen: 8.772 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF112136.D
 Acq: 18 Jan 2019 20:36

Tgt Ion:165 Resp: 67159
 Ion Ratio Lower Upper
 165 100
 63 1.5 33.8 50.8#
 89 1.3 36.9 55.3#



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

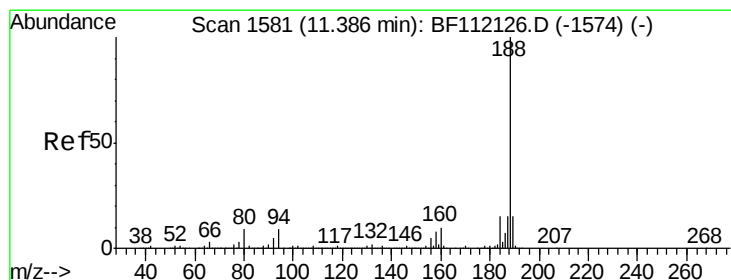
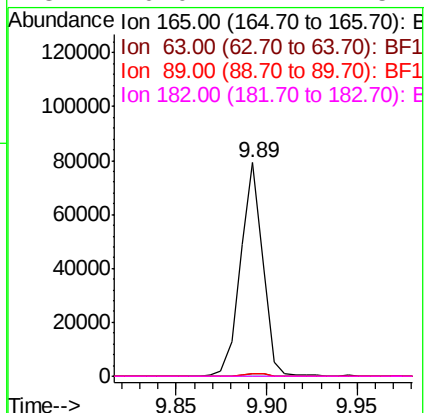
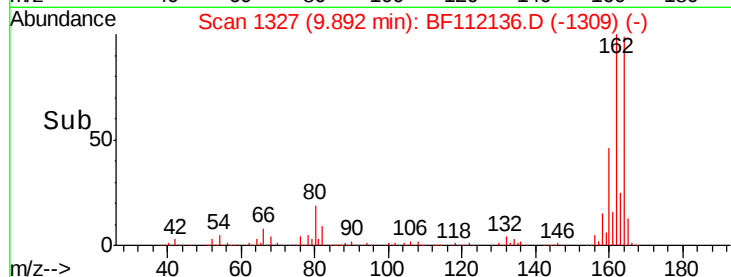
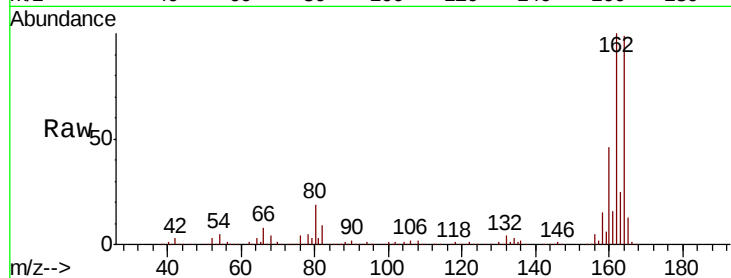




#57
 2,4-Dinitrotoluene
 Concen: 10.763 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF112136.D
 Acq: 18 Jan 2019 20:36

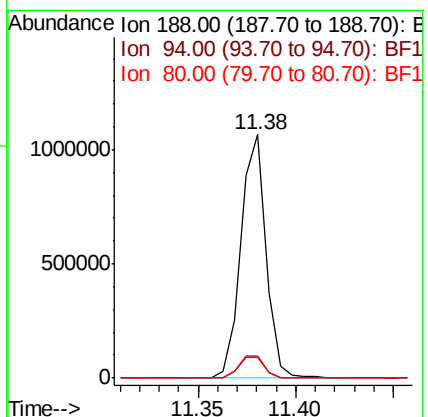
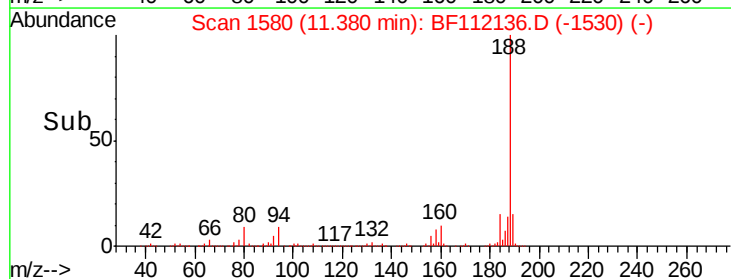
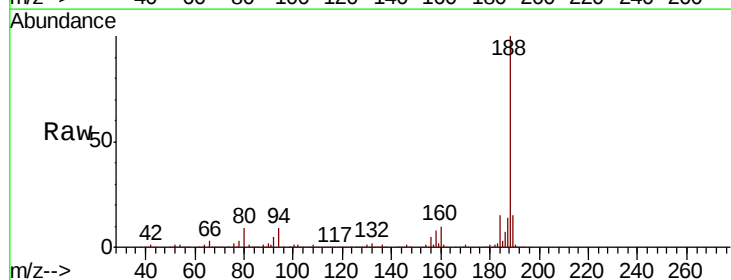
Instrument :
 BNA_F
 ClientSampleId :
 PB116493BL

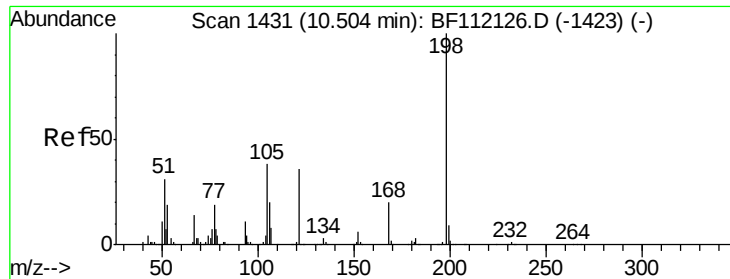
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF112136.D
 Acq: 18 Jan 2019 20:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.3	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 10.286 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.18 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Instrument :

BNA_F

ClientSampleId :

PB116493BL

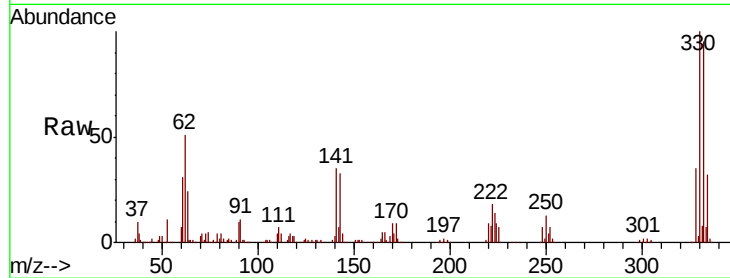
Tgt Ion:198 Resp: 1088

Ion Ratio Lower Upper

198 100

51 169.6 17.2 57.2#

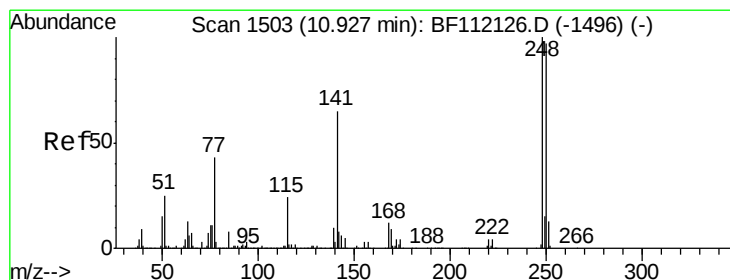
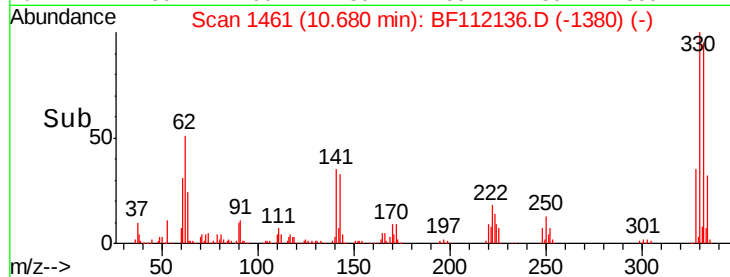
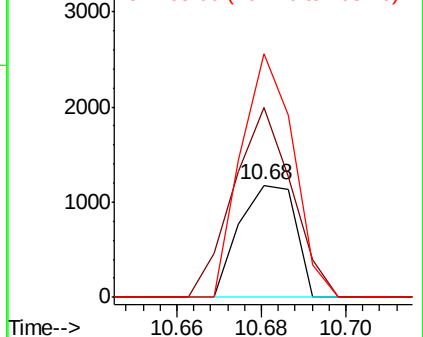
105 217.0 21.9 61.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.925 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

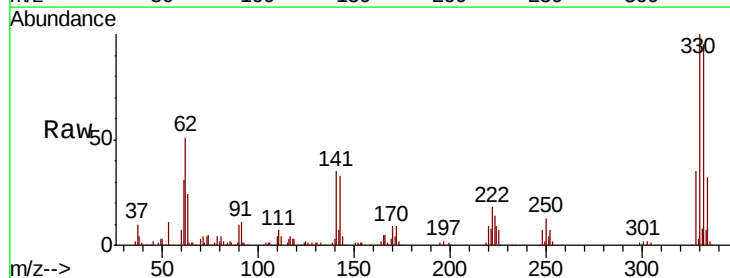
Tgt Ion:248 Resp: 32406

Ion Ratio Lower Upper

248 100

250 193.9 79.7 119.5#

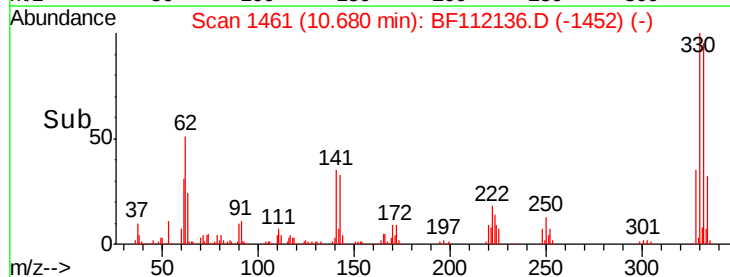
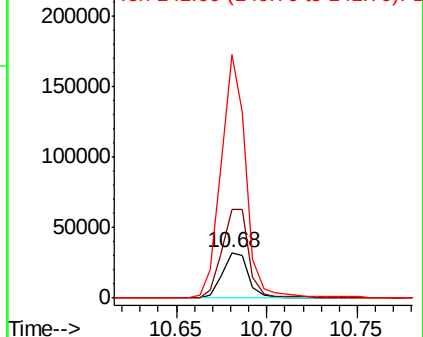
141 531.8 60.3 90.5#

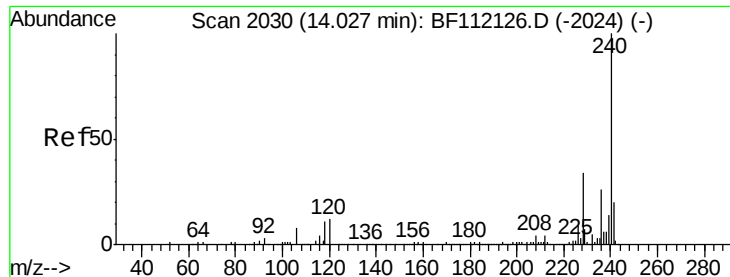


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

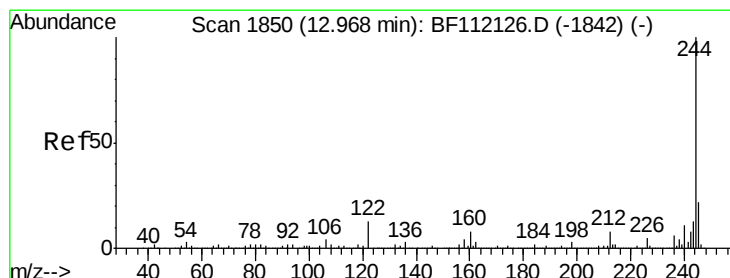
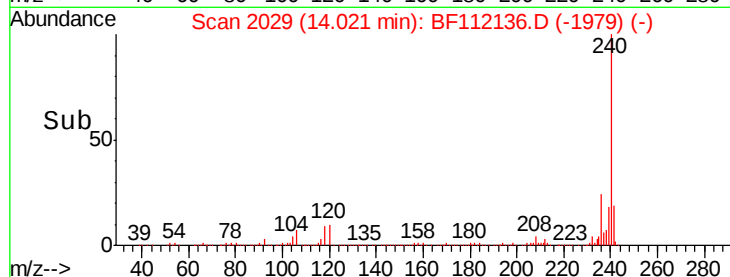
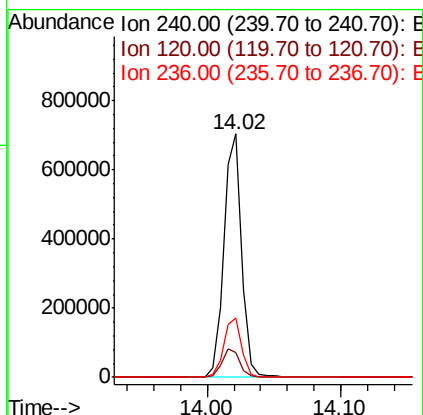
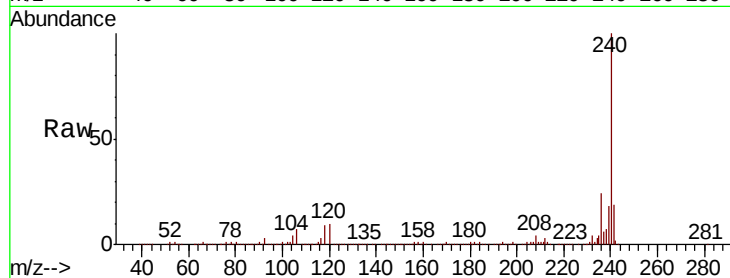




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

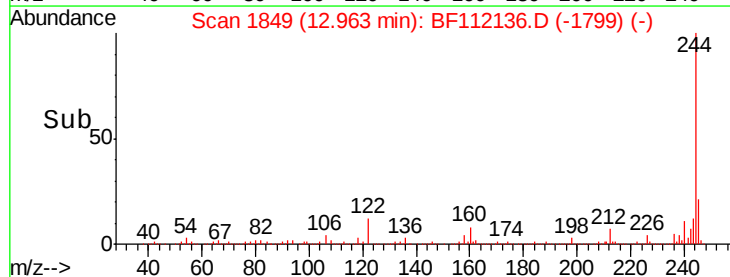
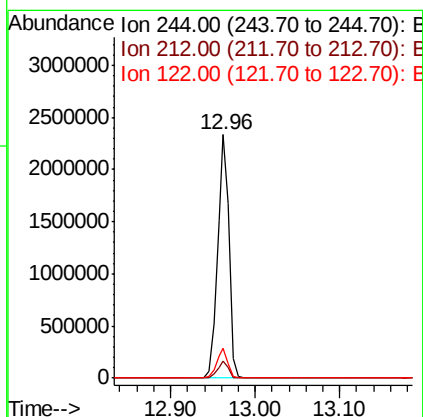
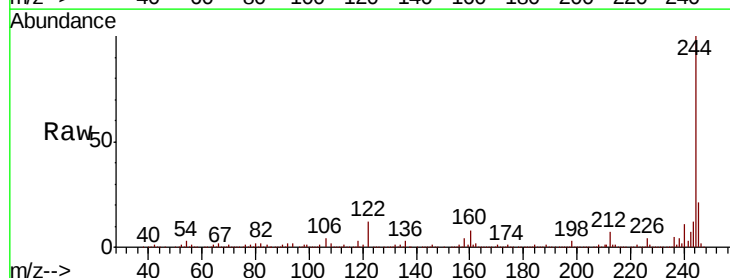
Instrument :
BNA_F
ClientSampleId :
PB116493BL

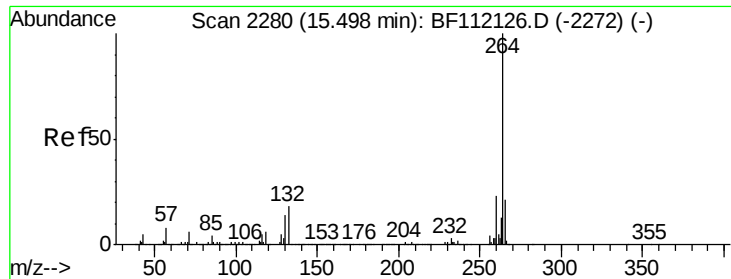
Tgt Ion:240 Resp: 658474
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.6
236 24.4 20.7 31.1



#79
Terphenyl-d14
Concen: 72.429 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Tgt Ion:244 Resp: 2241840
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.4 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
PB116493BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.9	17.0	25.4

