

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112363.D
 Acq On : 1 Feb 2019 20:36
 Operator : JU/SJ
 Sample : K1290-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-B

Quant Time: Feb 01 23:22:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

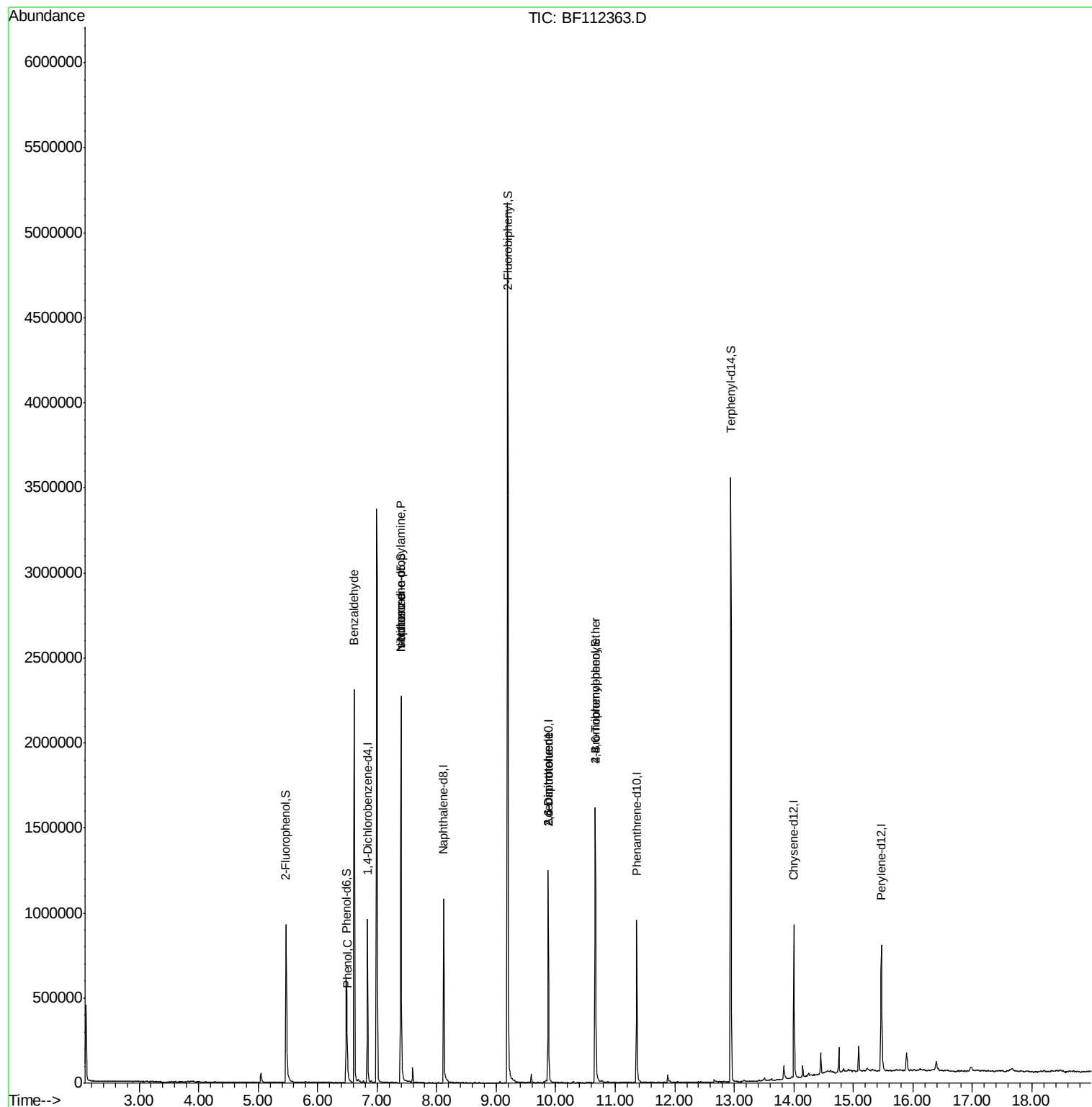
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158737	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	585556	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	259344	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	410109	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	340850	20.00	ng	0.00
87) Perylene-d12	15.47	264	330892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	328509	43.96	ng	-0.01
7) Phenol-d6	6.48	99	244926	23.59	ng	-0.01
23) Nitrobenzene-d5	7.40	82	850608	83.70	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	222937	73.85	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1657980	90.42	ng	-0.01
79) Terphenyl-d14	12.94	244	1173011	64.82	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	14396	2.652	ng	83
10) Phenol	6.50	94	36152	3.173	ng	77
19) n-Nitroso-di-n-propylamine	7.40	70	114183	15.946	ng	# 77
25) Isophorone	7.40	82	850601	53.354	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	32714	7.249	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	32714	5.694	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	13537	2.806	ng	# 1

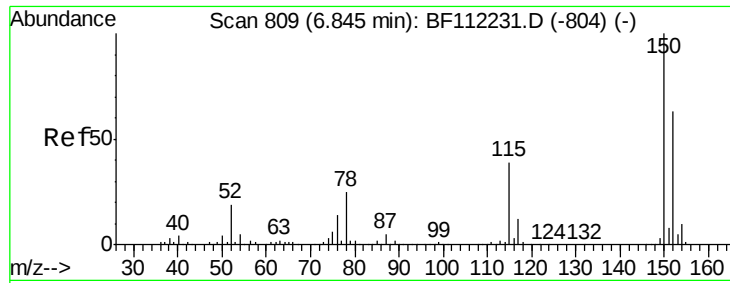
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112363.D
Acq On : 1 Feb 2019 20:36
Operator : JU/SJ
Sample : K1290-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-B

Quant Time: Feb 01 23:22:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



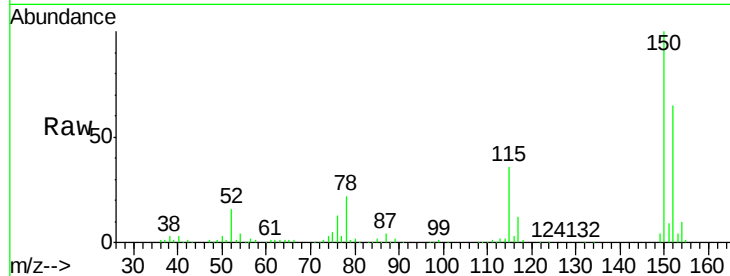


#1

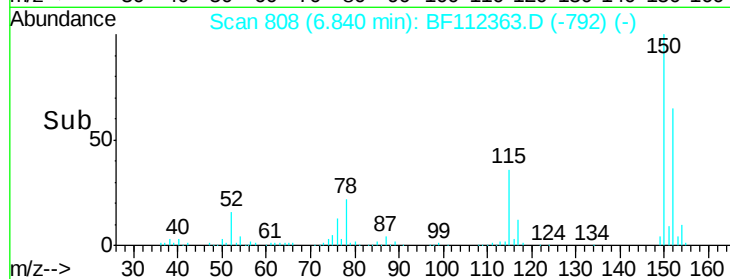
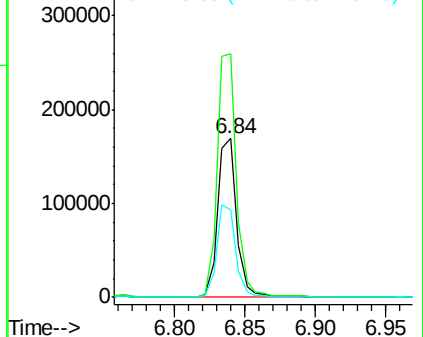
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112363.D
Acq: 1 Feb 2019 20:36

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-B

Tgt Ion:152 Resp: 158737
Ion Ratio Lower Upper
152 100
150 153.4 127.4 191.0
115 55.4 45.5 68.3



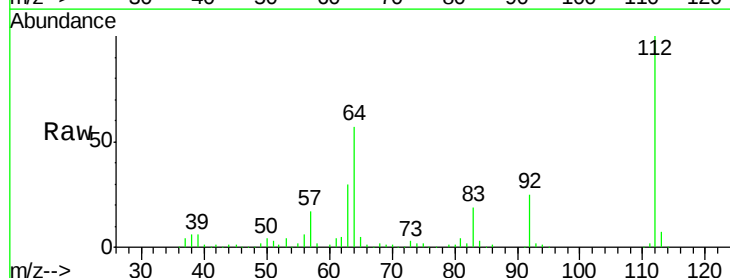
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



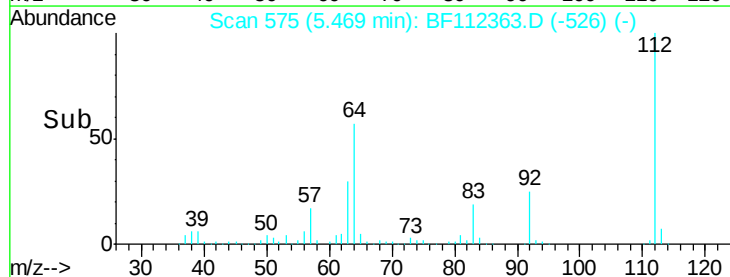
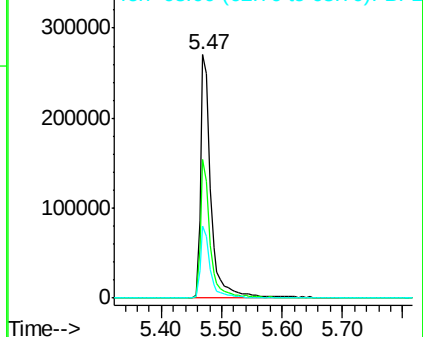
#5

2-Fluorophenol
Concen: 43.958 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112363.D
Acq: 1 Feb 2019 20:36

Tgt Ion:112 Resp: 328509
Ion Ratio Lower Upper
112 100
64 57.0 45.7 68.5
63 29.5 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: 23.586 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-B

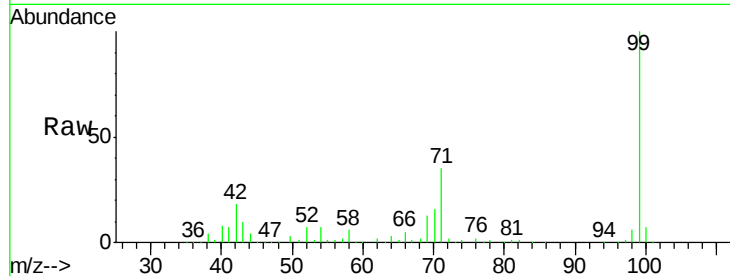
Tgt Ion: 99 Resp: 244926

Ion Ratio Lower Upper

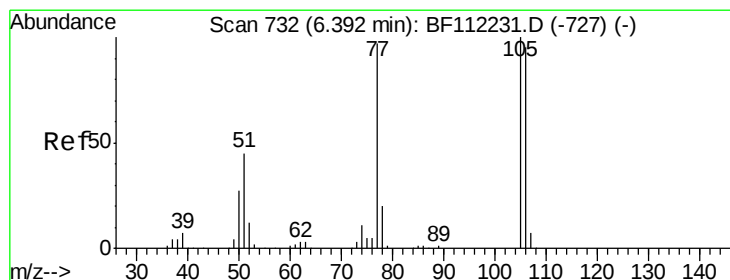
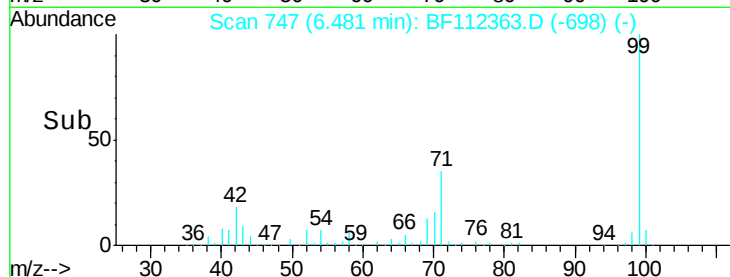
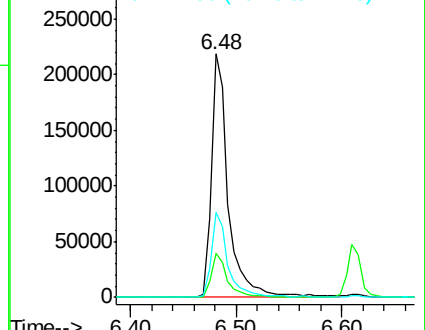
99 100

42 18.1 15.1 22.7

71 34.7 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



#9

Benzaldehyde

Concen: 2.652 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

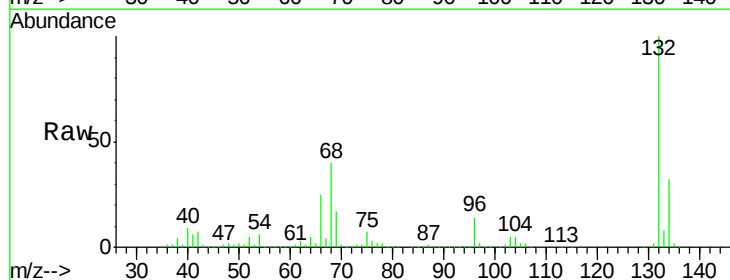
Tgt Ion: 77 Resp: 14396

Ion Ratio Lower Upper

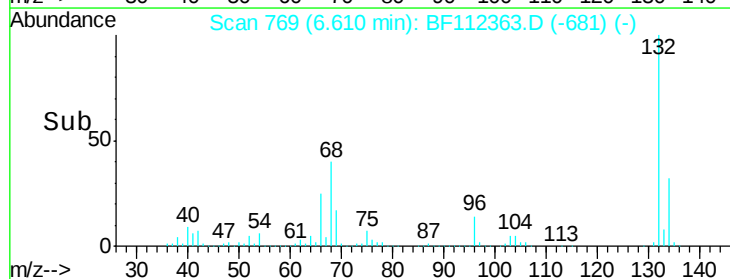
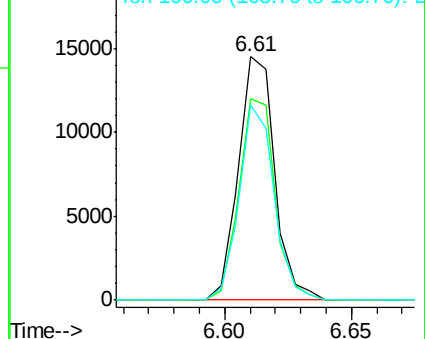
77 100

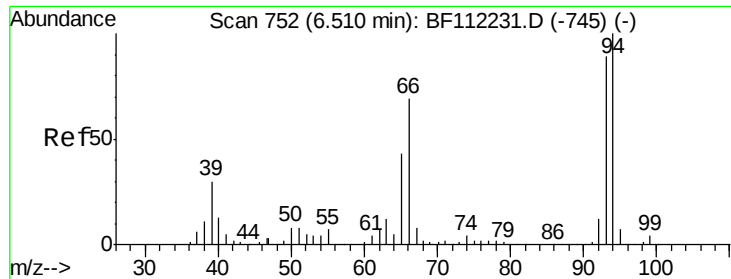
105 82.5 80.8 120.8

106 80.3 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.173 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-B

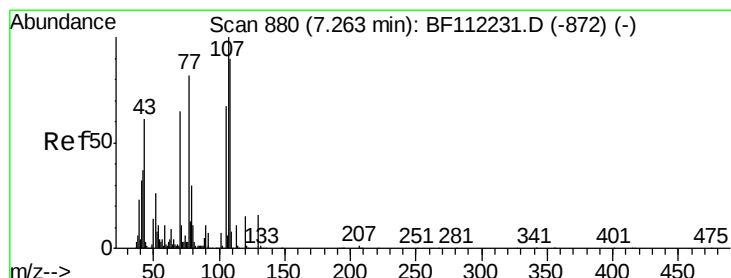
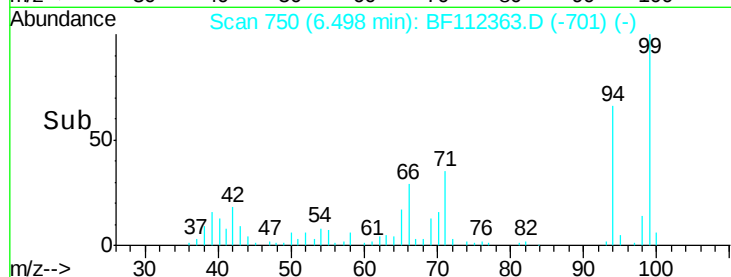
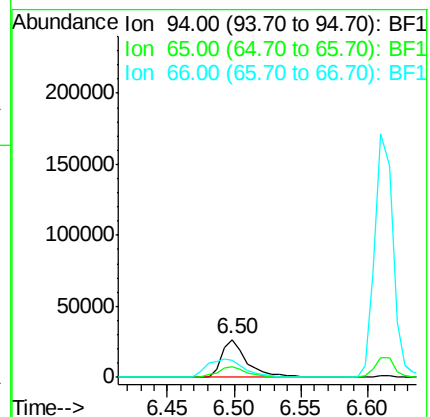
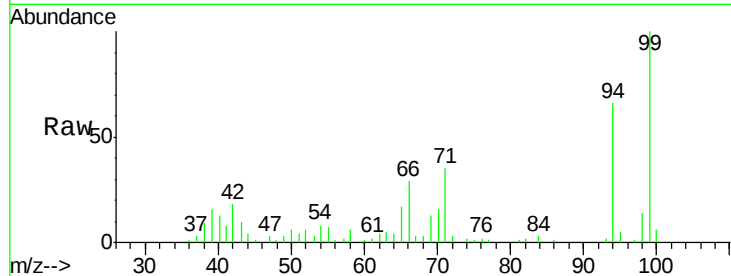
Tgt Ion: 94 Resp: 36152

Ion Ratio Lower Upper

94 100

65 26.5 20.3 60.3

66 44.4 42.4 82.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.946 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

Tgt Ion: 70 Resp: 114183

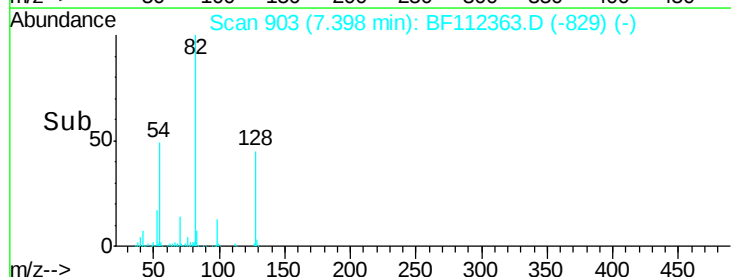
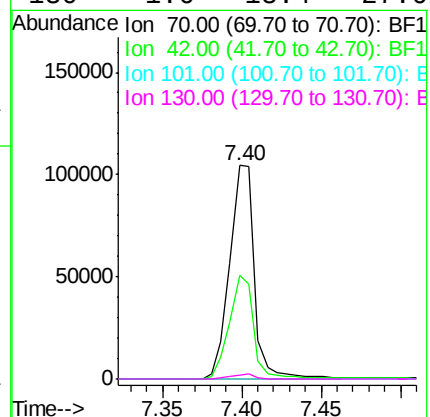
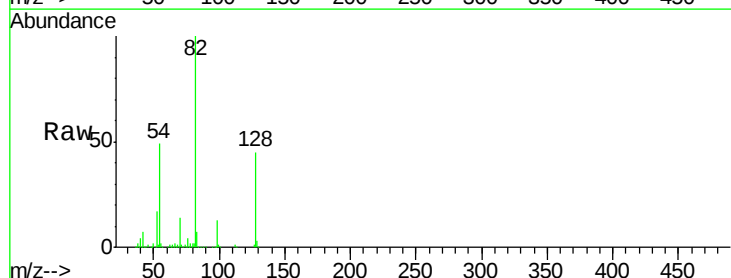
Ion Ratio Lower Upper

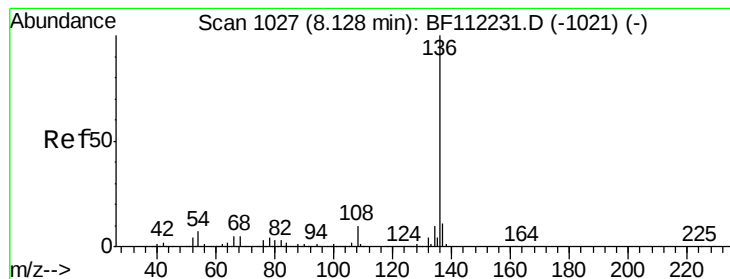
70 100

42 48.6 47.6 71.4

101 0.0 7.9 11.9#

130 1.6 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-B

Tgt Ion: 136 Resp: 585556

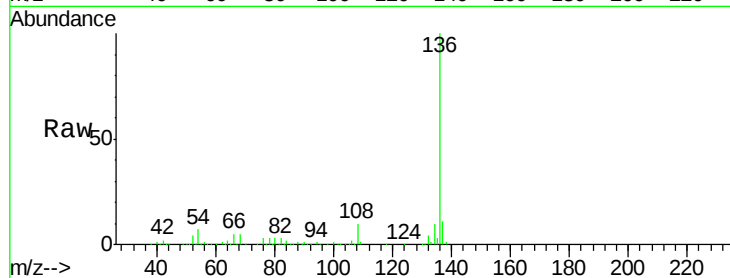
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.1 5.9 8.9

68 5.5 5.1 7.7

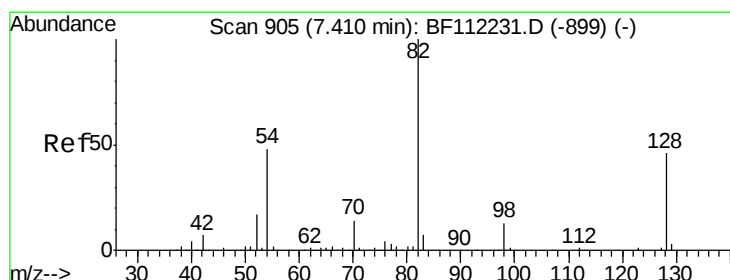
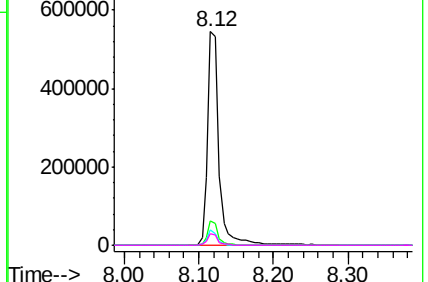
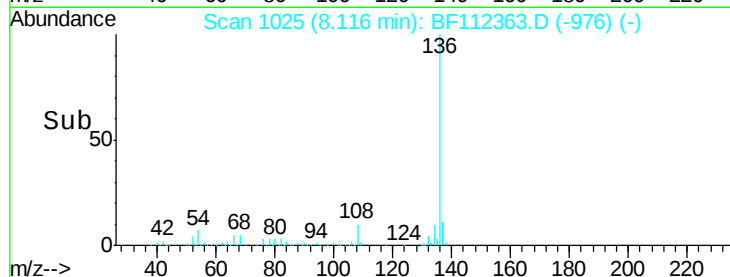


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.701 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

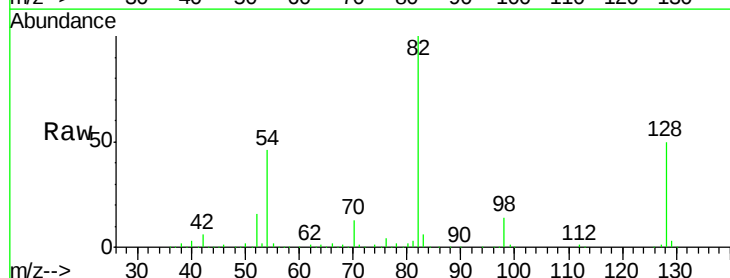
Tgt Ion: 82 Resp: 850608

Ion Ratio Lower Upper

82 100

128 50.1 37.8 56.8

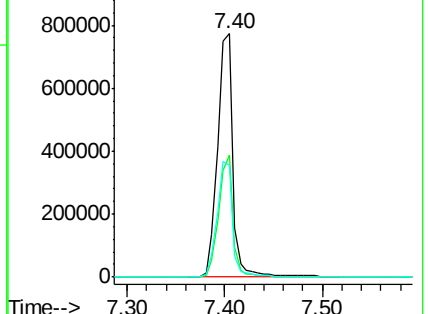
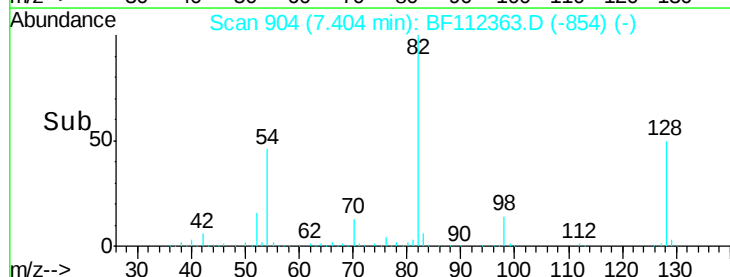
54 45.9 39.7 59.5

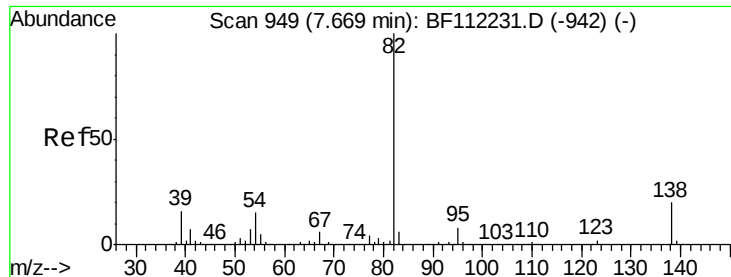


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.354 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-B

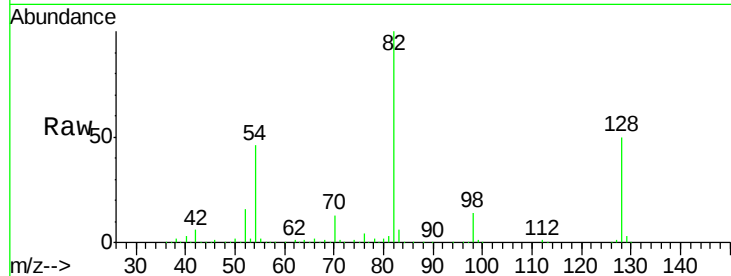
Tgt Ion: 82 Resp: 850601

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

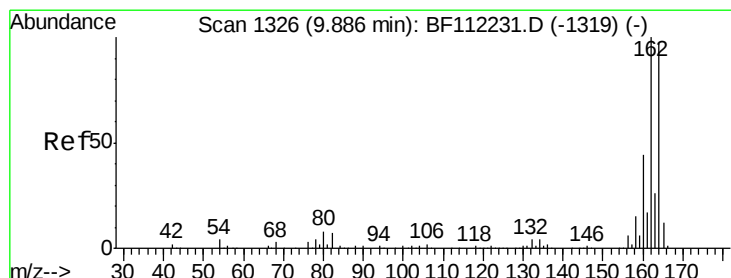
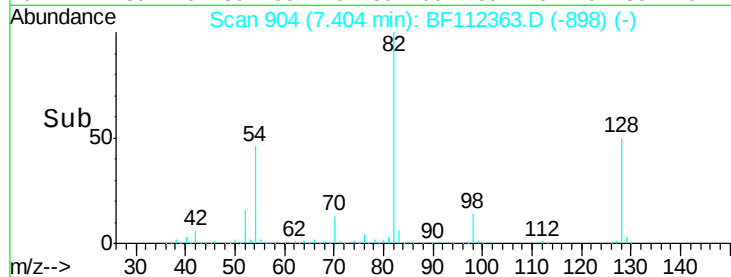
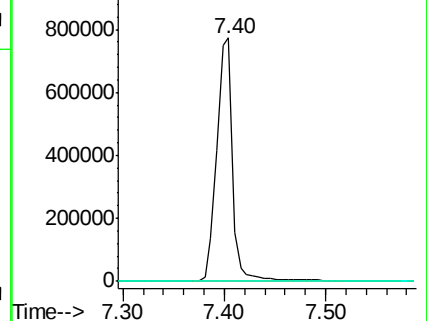
138 0.0 15.4 23.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

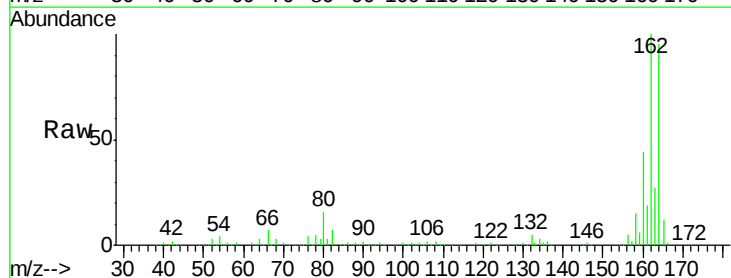
Tgt Ion: 164 Resp: 259344

Ion Ratio Lower Upper

164 100

162 105.8 82.2 123.4

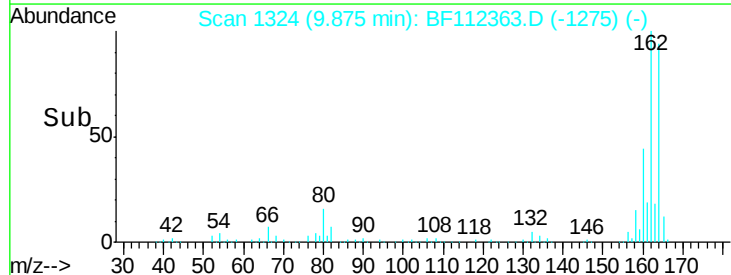
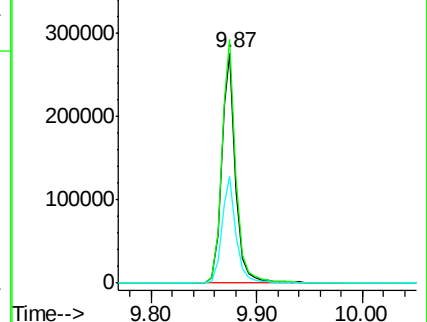
160 46.4 36.2 54.4

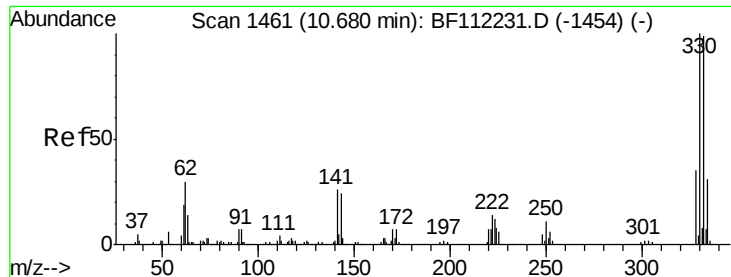


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 73.852 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-B

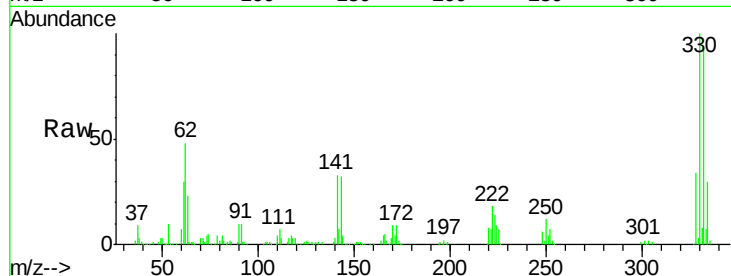
Tgt Ion:330 Resp: 222937

Ion Ratio Lower Upper

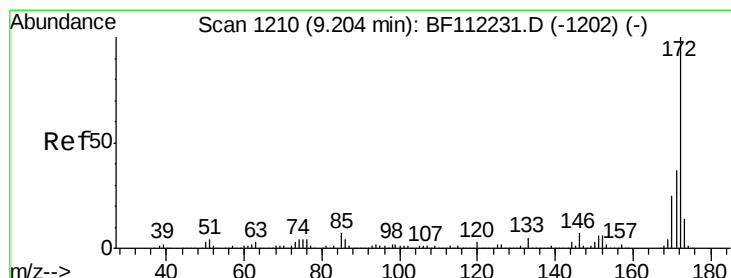
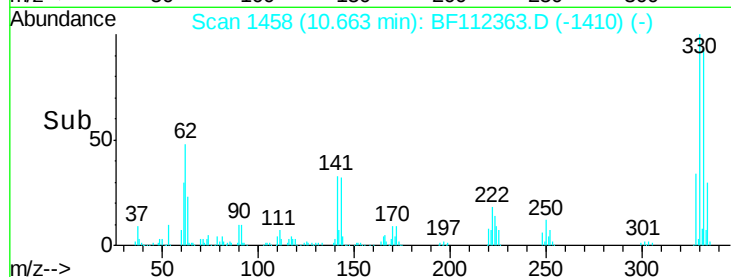
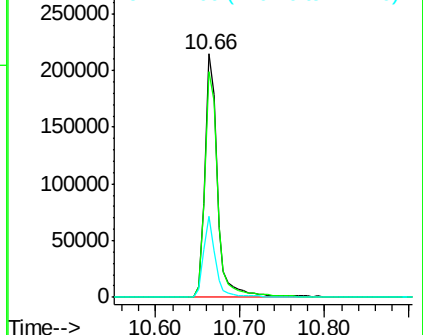
330 100

332 95.5 76.6 114.8

141 31.4 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: 90.418 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112363.D

Acq: 1 Feb 2019 20:36

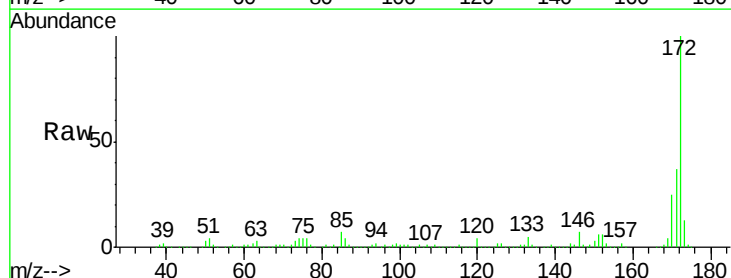
Tgt Ion:172 Resp: 1657980

Ion Ratio Lower Upper

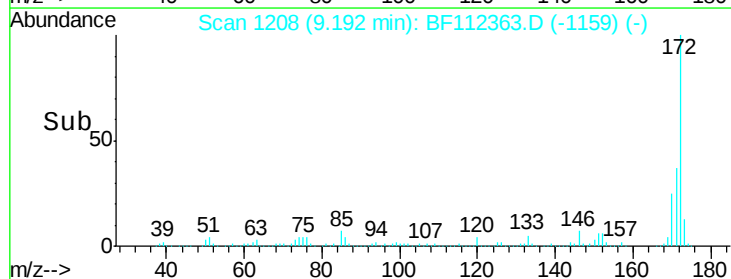
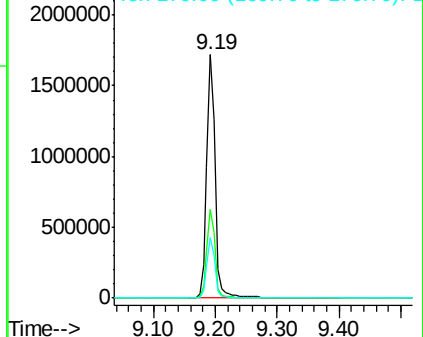
172 100

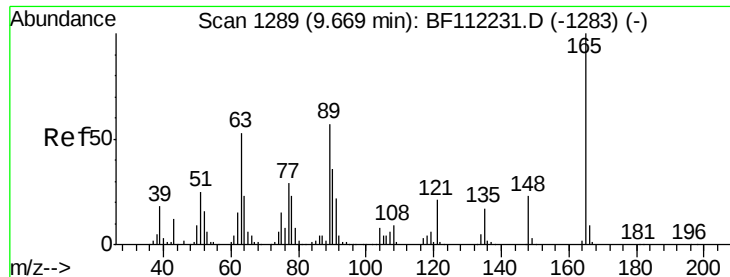
171 36.7 30.5 45.7

170 24.7 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

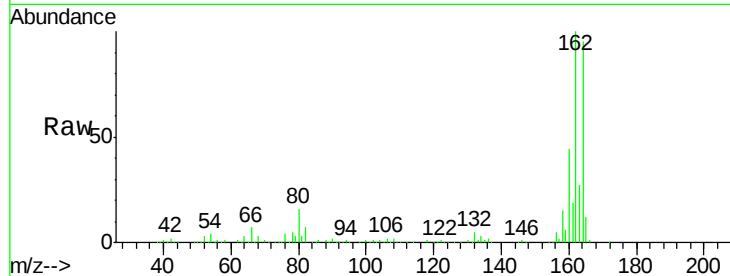




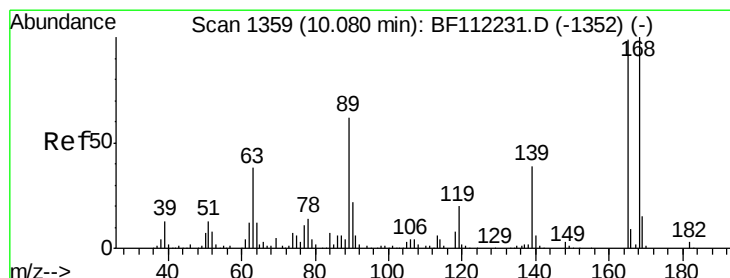
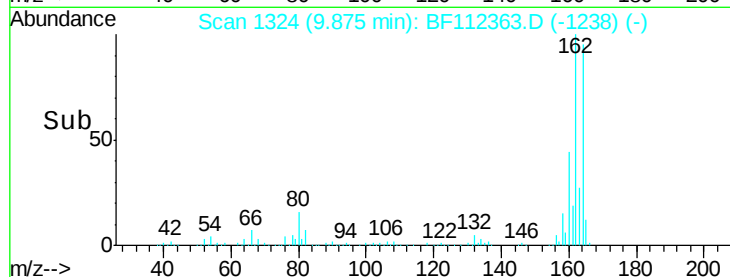
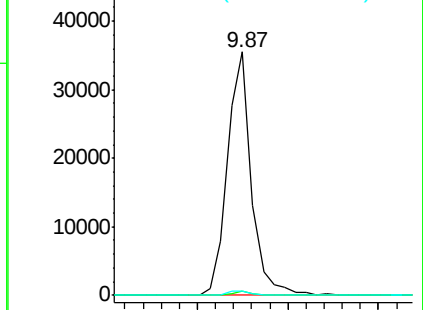
#51
 2,6-Dinitrotoluene
 Concen: 7.249 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF112363.D
 Acq: 1 Feb 2019 20:36

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.8#
89	1.6	36.9	55.3#



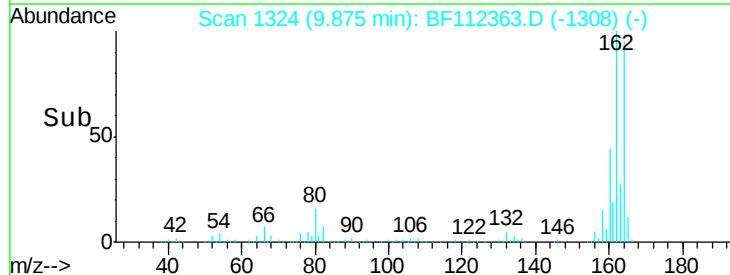
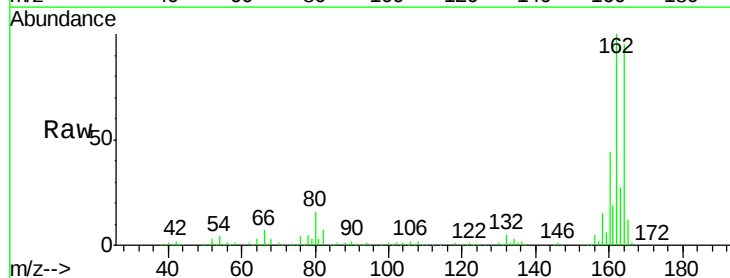
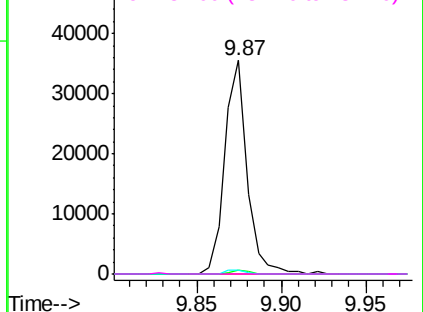
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

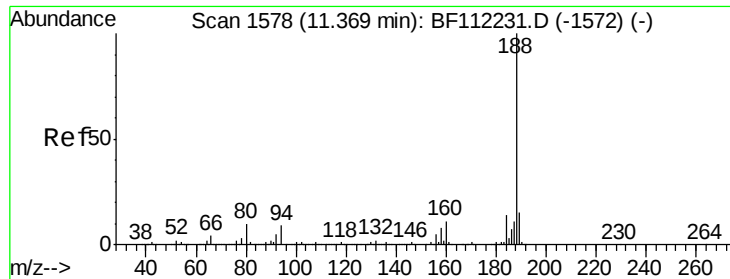


#57
 2,4-Dinitrotoluene
 Concen: 5.694 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112363.D
 Acq: 1 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#

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

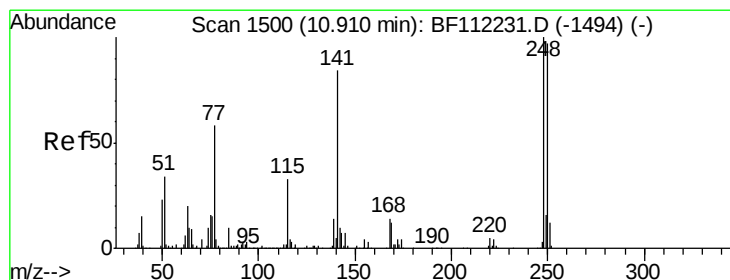
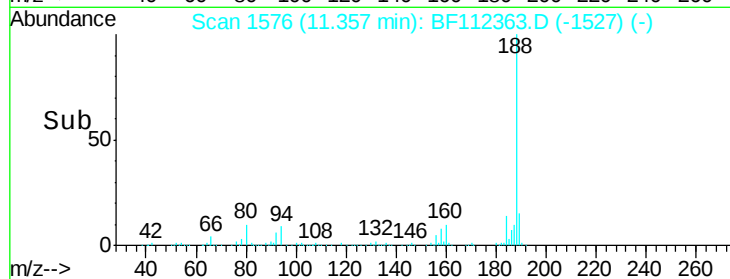
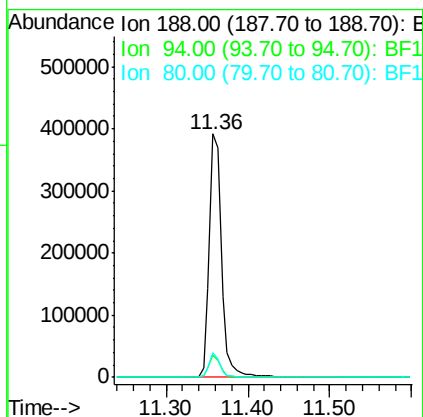
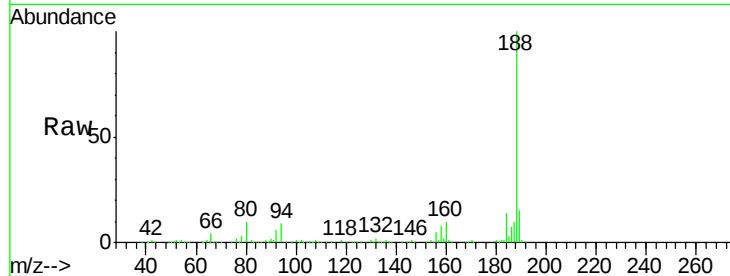




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112363.D
 Acq: 1 Feb 2019 20:36

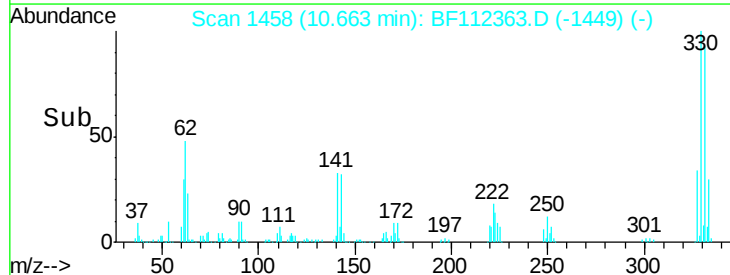
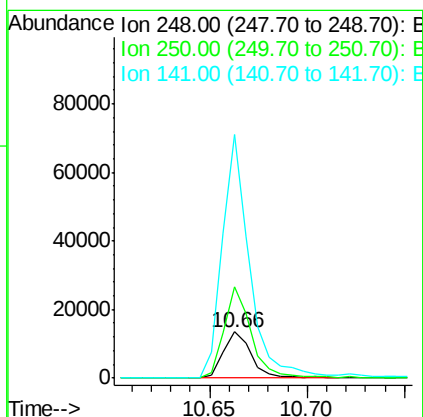
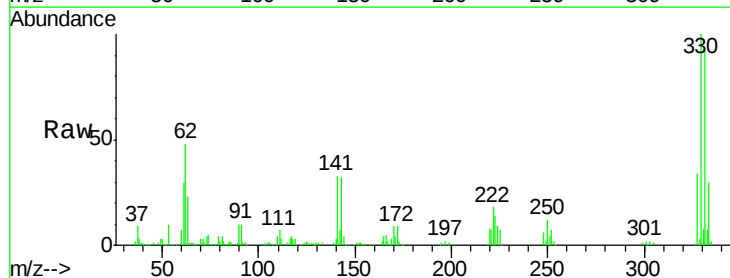
Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-B

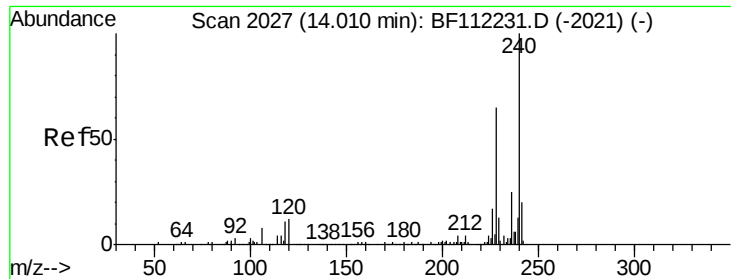
Tgt Ion:188 Resp: 410109
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.2 12.2
 80 10.0 8.9 13.3



#67
 4-Bromophenyl-phenylether
 Concen: 2.806 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112363.D
 Acq: 1 Feb 2019 20:36

Tgt Ion:248 Resp: 13537
 Ion Ratio Lower Upper
 248 100
 250 196.8 79.7 119.5#
 141 527.1 60.3 90.5#

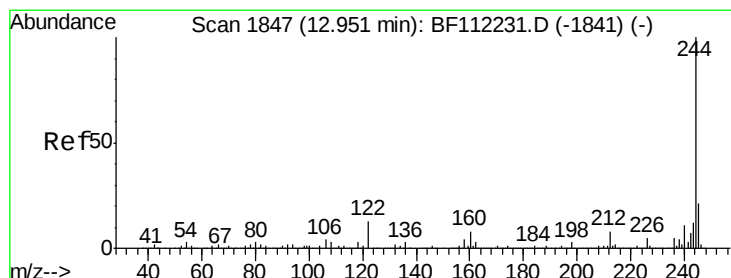
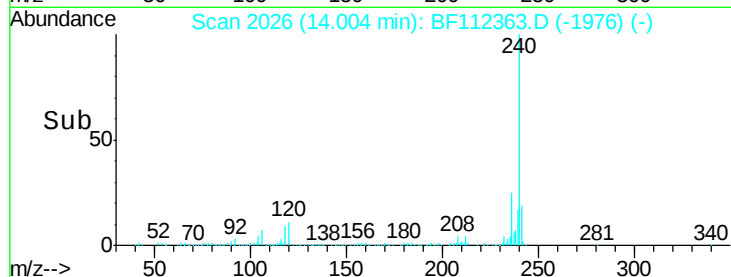
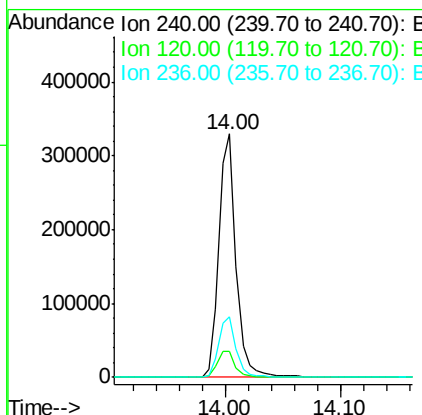
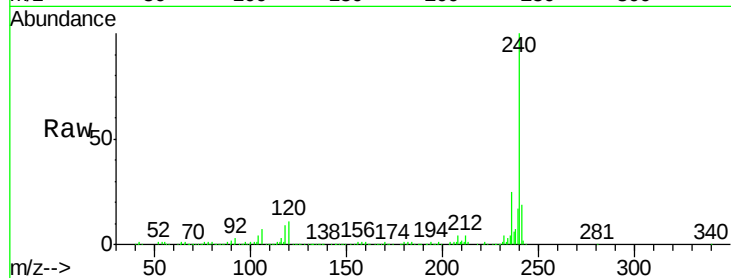




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112363.D
Acq: 1 Feb 2019 20:36

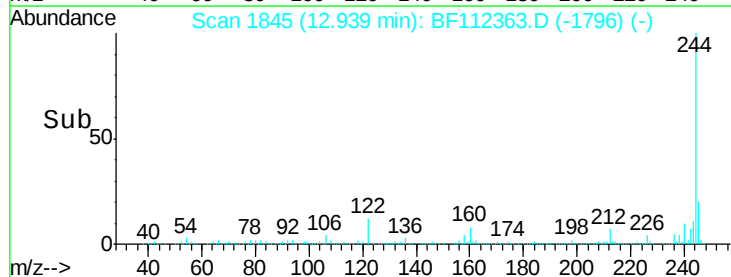
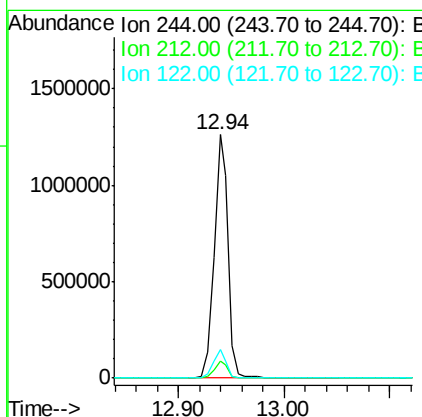
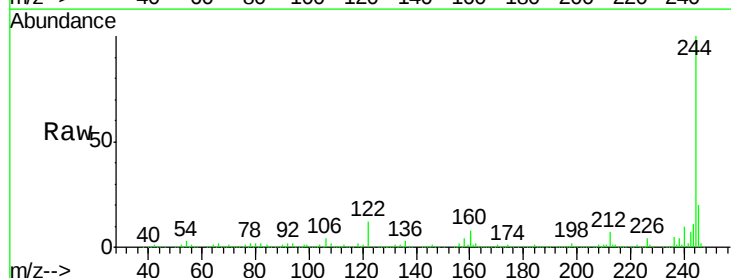
Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-B

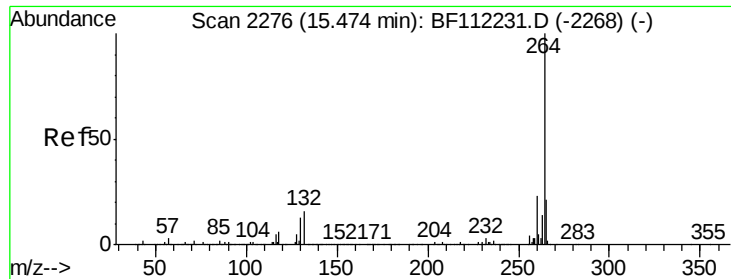
Tgt Ion:240 Resp: 340850
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 24.8 20.7 31.1



#79
Terphenyl-d14
Concen: 64.817 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112363.D
Acq: 1 Feb 2019 20:36

Tgt Ion:244 Resp: 1173011
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.0 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112363.D
Acq: 1 Feb 2019 20:36

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-B

Tgt Ion: 264 Resp: 330892
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.2
265 20.9 17.0 25.4

