

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112362.D
 Acq On : 1 Feb 2019 20:08
 Operator : JU/SJ
 Sample : K1307-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 013019-SIDI-E-U-S

Quant Time: Feb 01 23:22:06 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

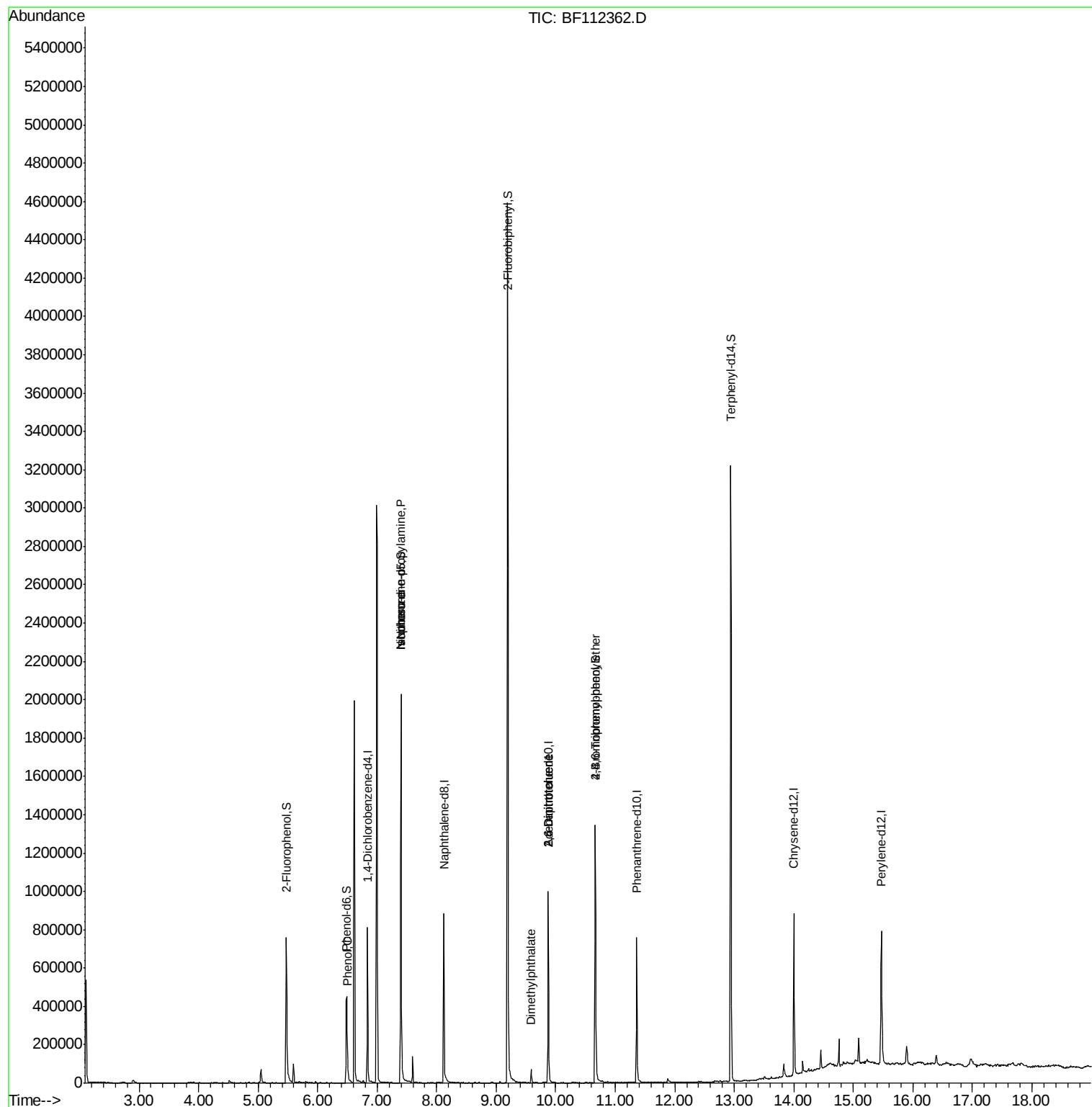
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	136507	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	481666	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	213082	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	339083	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	314388	20.00	ng	0.00
87) Perylene-d12	15.47	264	313119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	259764	40.42	ng	0.00
7) Phenol-d6	6.49	99	191957	21.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	742592	88.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	190300	76.73	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1458453	96.81	ng	-0.01
79) Terphenyl-d14	12.94	244	1088205	65.19	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	34840	3.556	ng	80
19) n-Nitroso-di-n-propylamine	7.40	70	100742	16.360	ng	# 75
25) Isophorone	7.40	82	742587	56.625	ng	# 63
50) Dimethylphthalate	9.59	163	35049	2.117	ng	99
51) 2,6-Dinitrotoluene	9.87	165	26221	7.072	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	26221	5.555	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	11240	2.818	ng	# 1

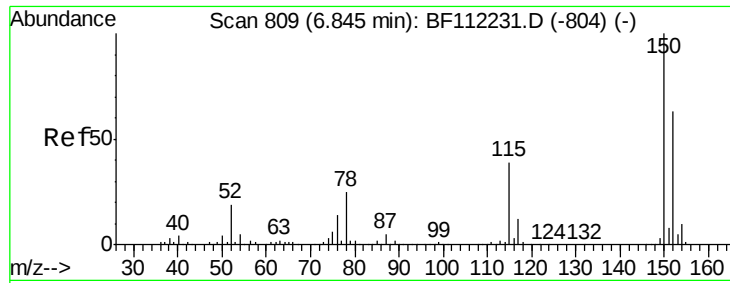
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112362.D

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Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-S

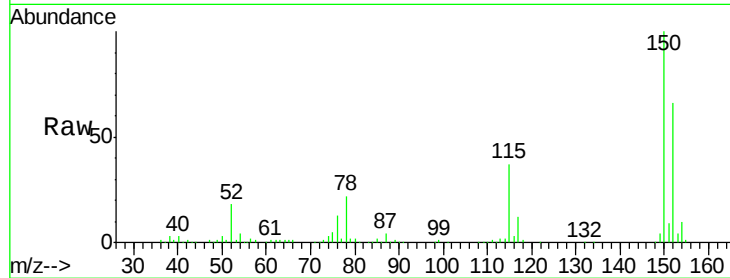
Tgt Ion:152 Resp: 136507

Ion Ratio Lower Upper

152 100

150 150.8 127.4 191.0

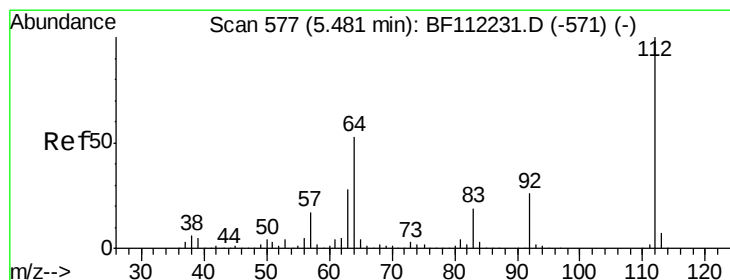
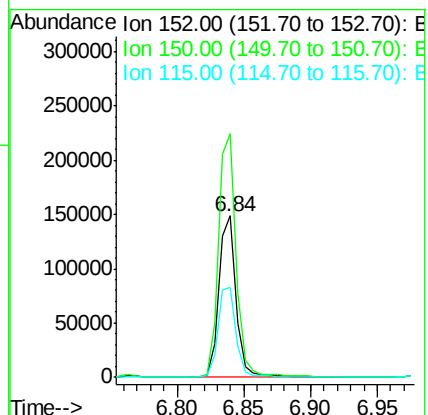
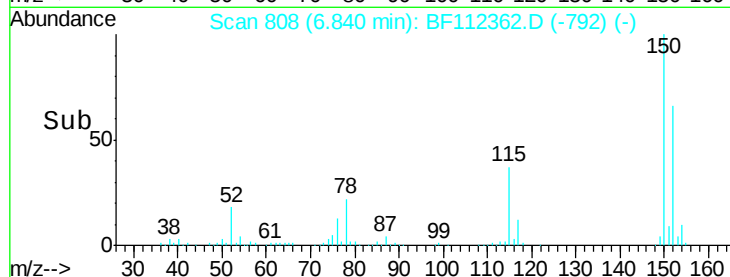
115 56.1 45.5 68.3



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: 40.420 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

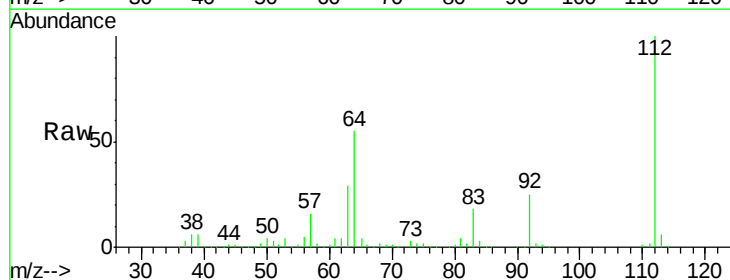
Tgt Ion:112 Resp: 259764

Ion Ratio Lower Upper

112 100

64 54.7 45.7 68.5

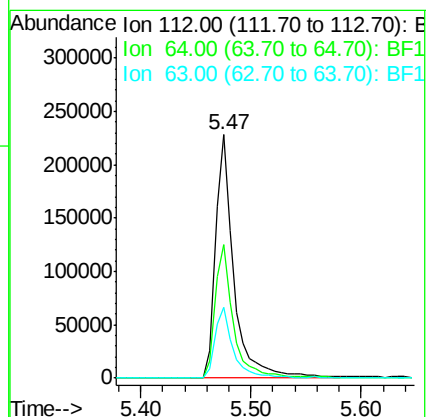
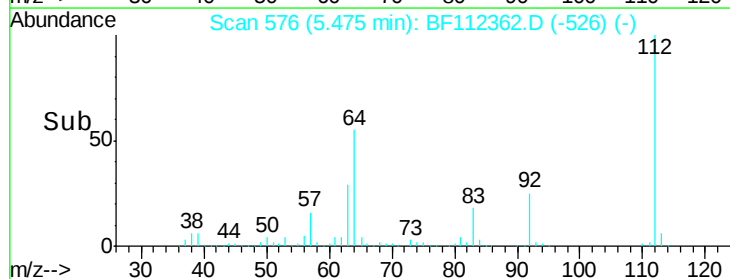
63 29.1 23.6 35.4

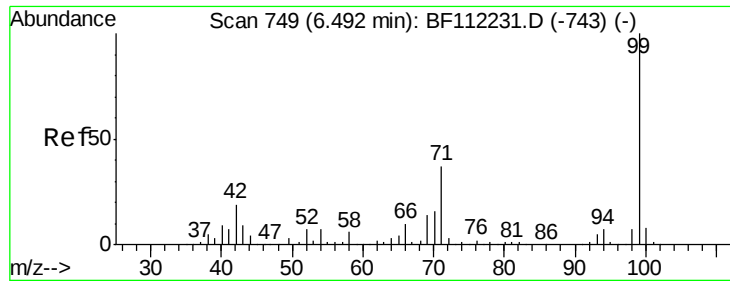


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.495 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-S

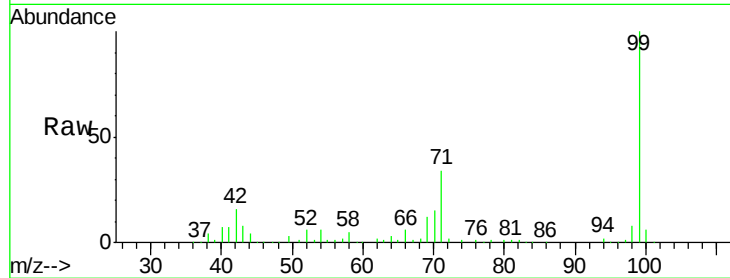
Tgt Ion: 99 Resp: 191957

Ion Ratio Lower Upper

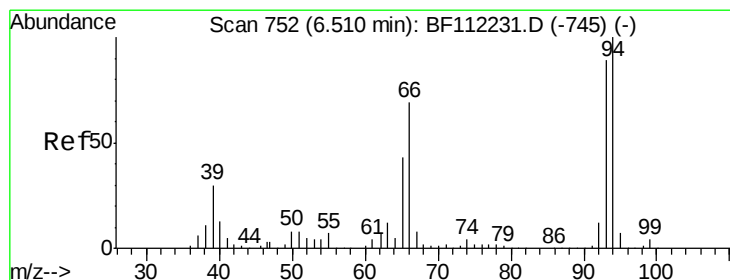
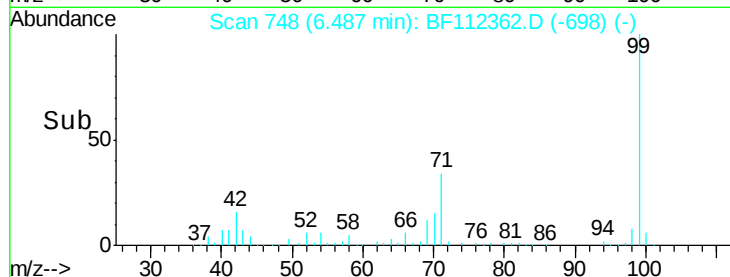
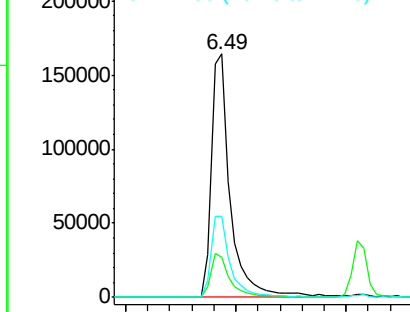
99 100

42 16.5 15.1 22.7

71 33.6 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



#10

Phenol

Concen: 3.556 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

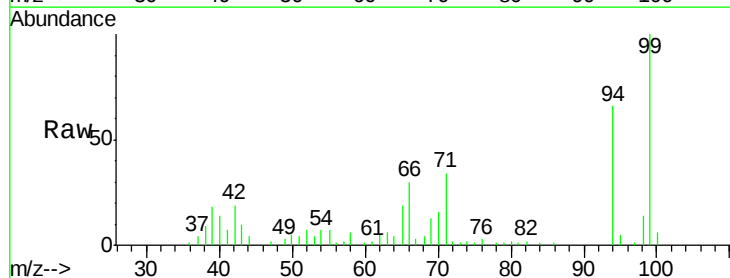
Tgt Ion: 94 Resp: 34840

Ion Ratio Lower Upper

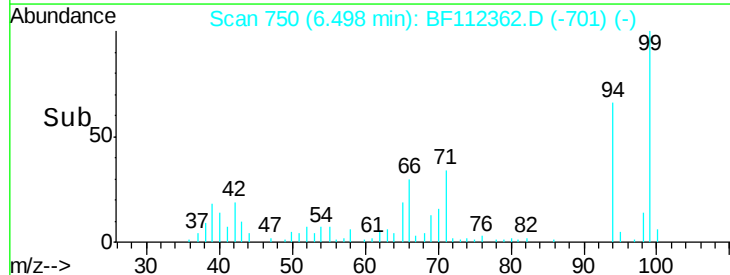
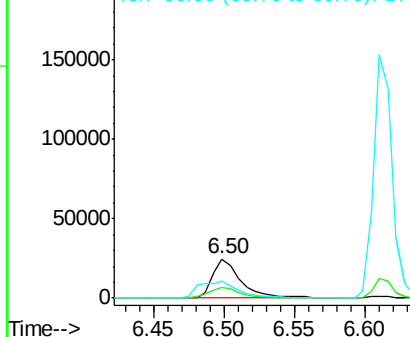
94 100

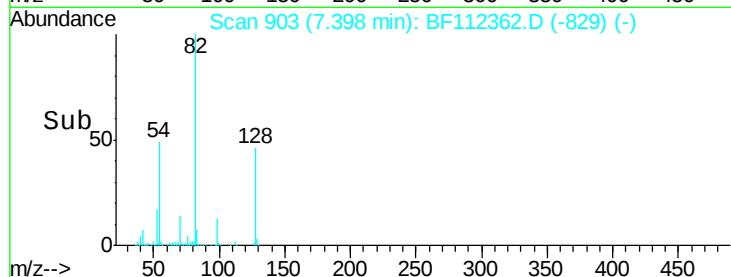
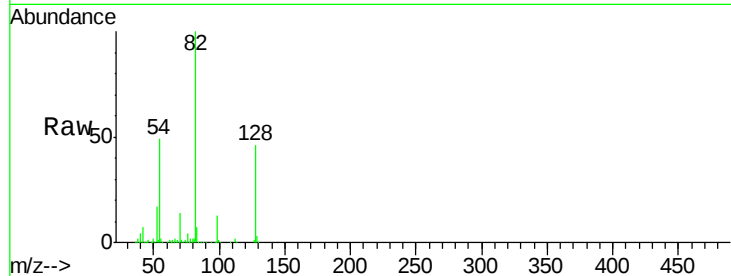
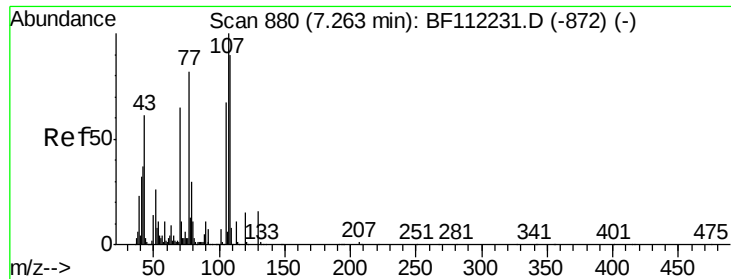
65 28.9 20.3 60.3

66 45.5 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

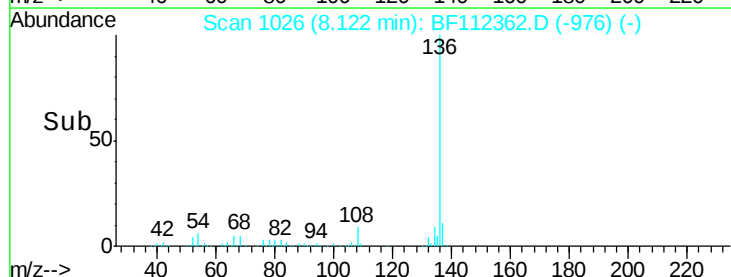
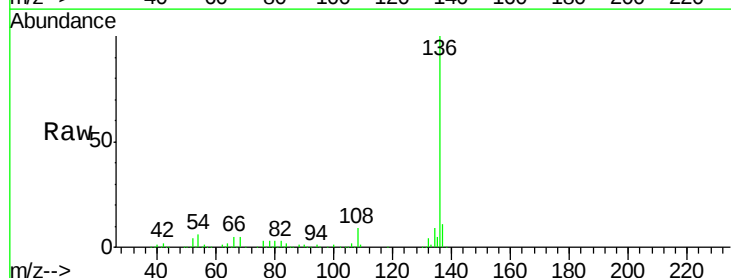
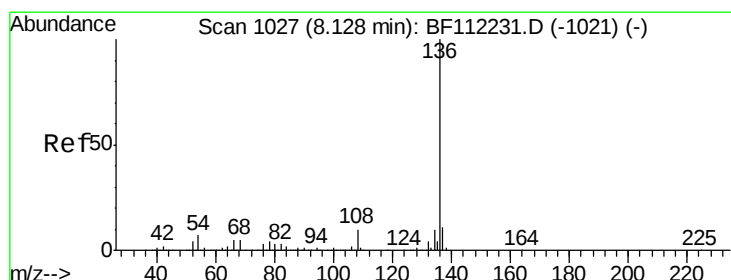
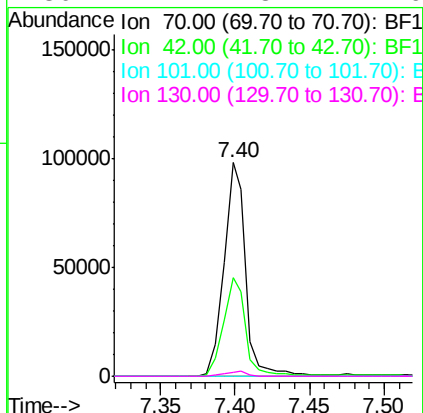




#19
n-Nitroso-di-n-propylamine
Concen: 16.360 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

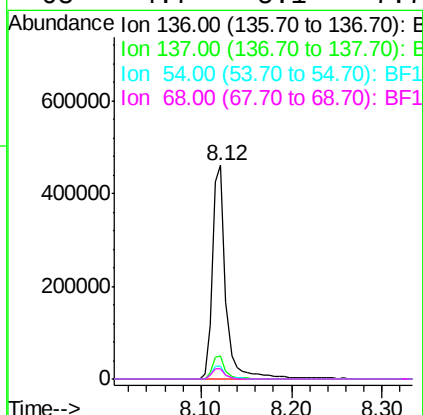
Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-S

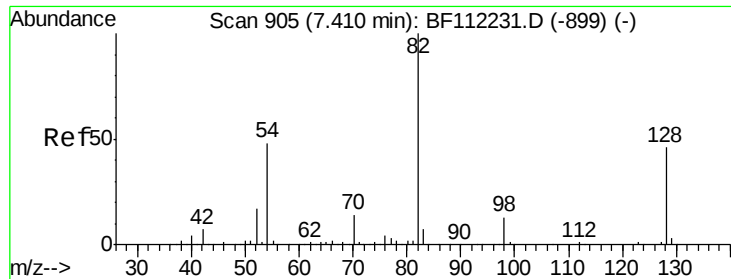
Tgt Ion:	70	Resp:	100742
Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.6	71.4#
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Tgt Ion:	136	Resp:	481666
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.7	5.9	8.9#
68	4.7	5.1	7.7#

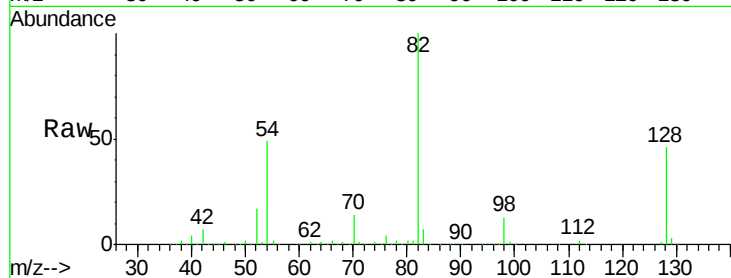




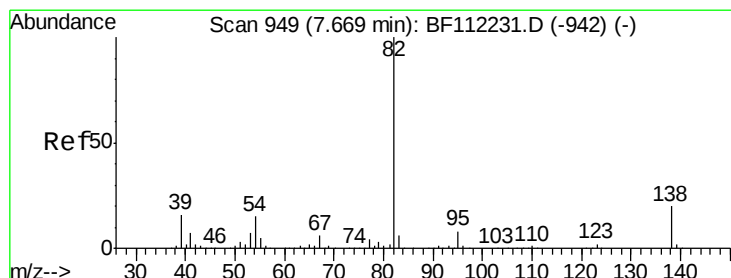
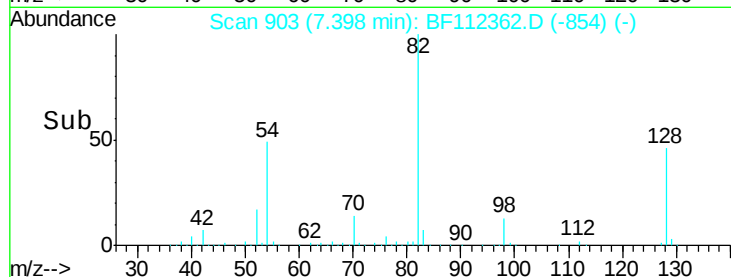
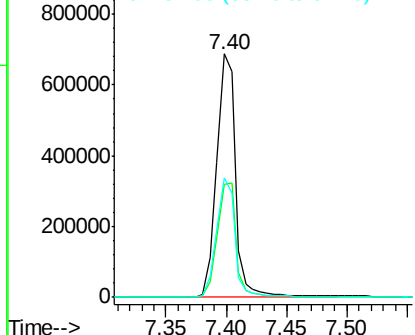
#23
 Nitrobenzene-d5
 Concen: 88.833 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112362.D
 Acq: 1 Feb 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 013019-SIDI-E-U-S

Tgt Ion: 82 Resp: 742592
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.8 56.8
 54 49.2 39.7 59.5

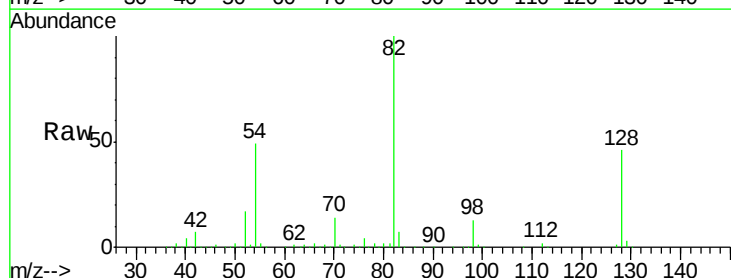


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

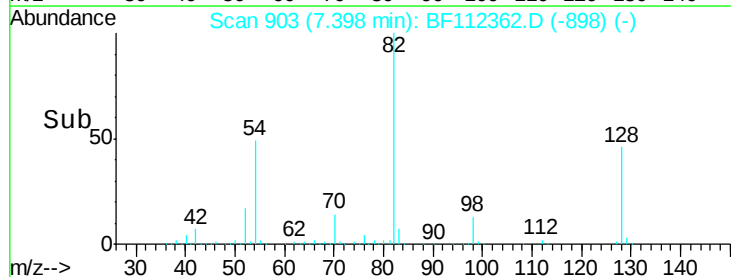
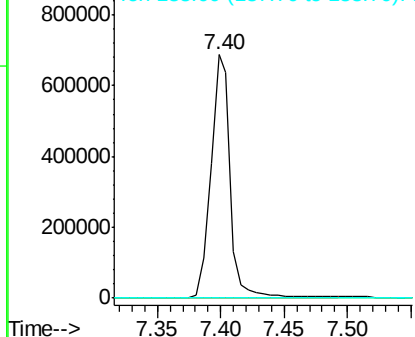


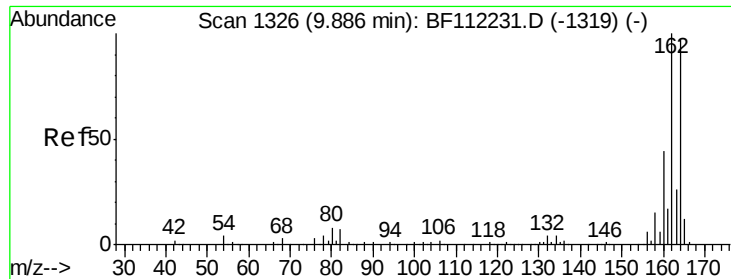
#25
 Isophorone
 Concen: 56.625 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112362.D
 Acq: 1 Feb 2019 20:08

Tgt Ion: 82 Resp: 742587
 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: BF112362.D

Acq: 1 Feb 2019 20:08

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-S

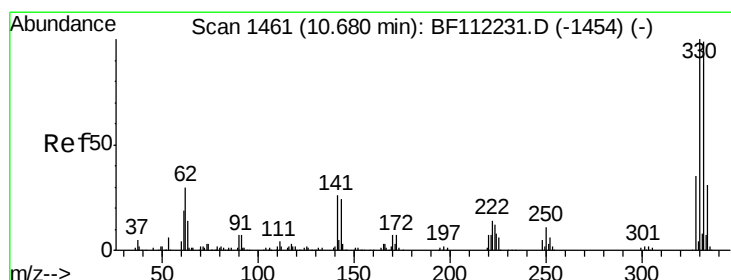
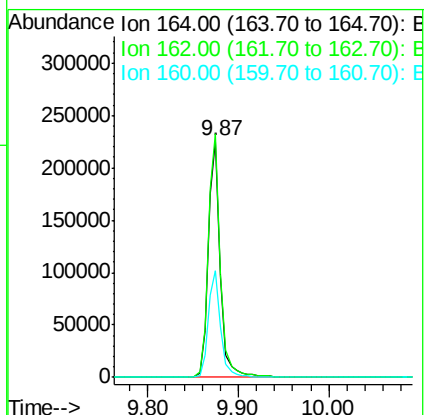
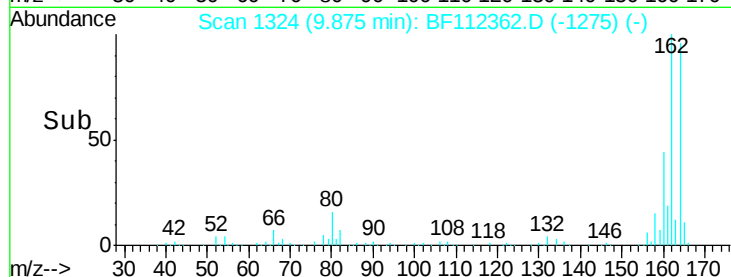
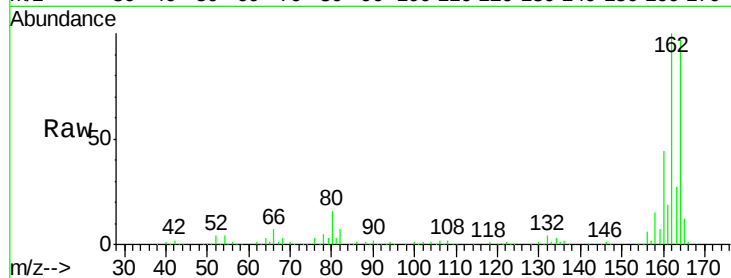
Tgt Ion:164 Resp: 213082

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.4

160 45.0 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 76.727 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

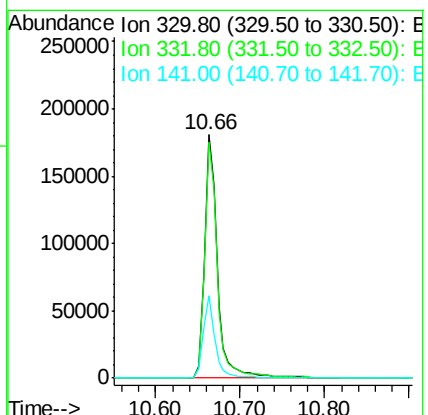
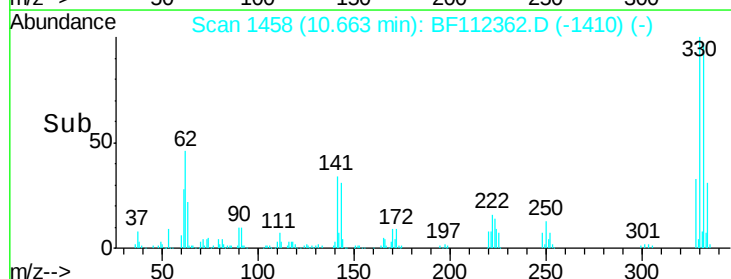
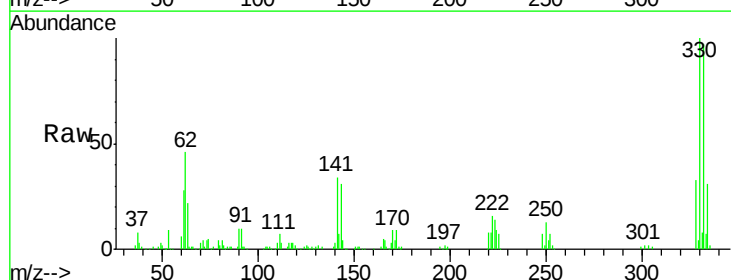
Tgt Ion:330 Resp: 190300

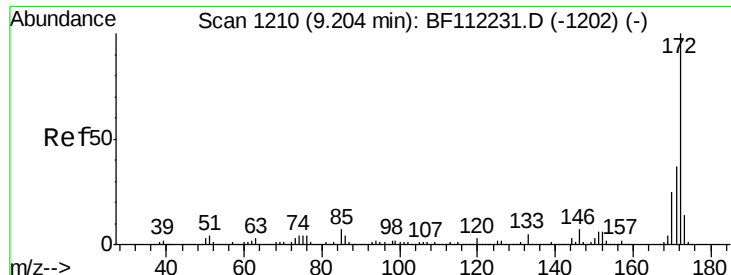
Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

141 31.1 24.3 36.5

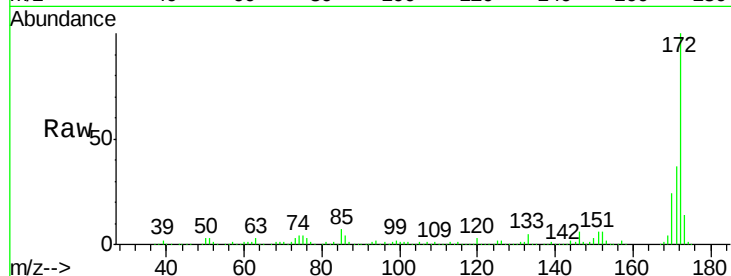




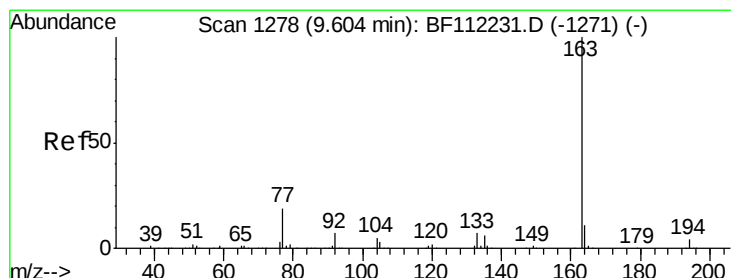
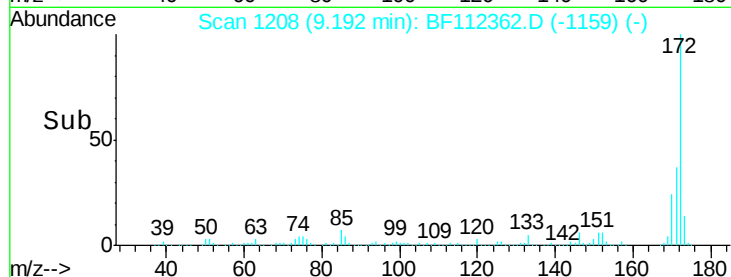
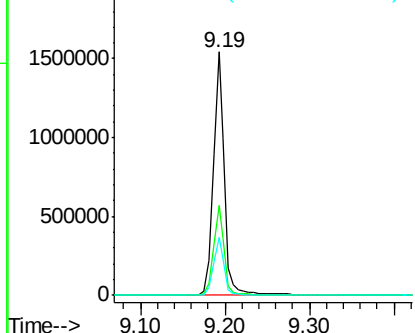
#45
2-Fluorobiphenyl
Concen: 96.805 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-S

Tgt Ion:172 Resp: 1458453
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.7 20.2 30.4

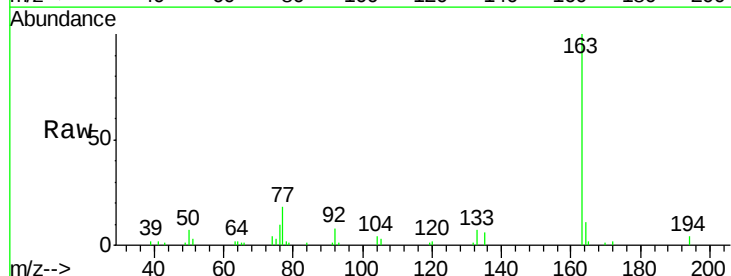


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

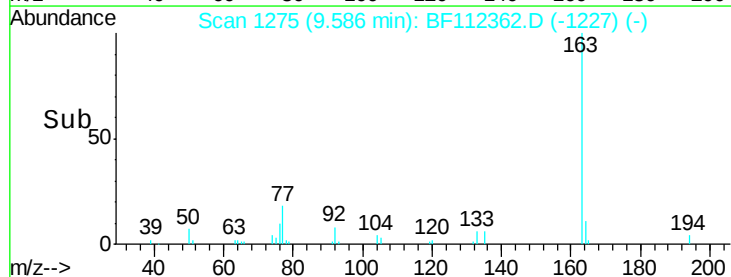
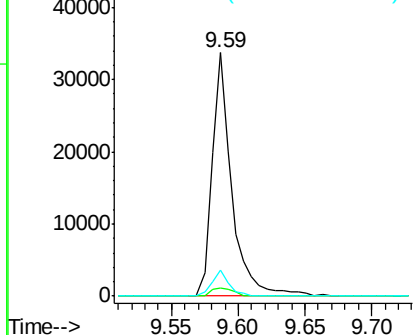


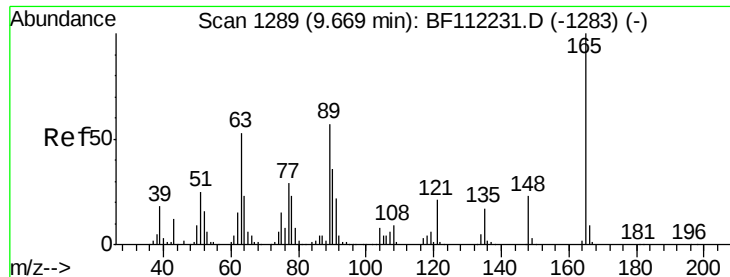
#50
Dimethylphthalate
Concen: 2.117 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Tgt Ion:163 Resp: 35049
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.072 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-S

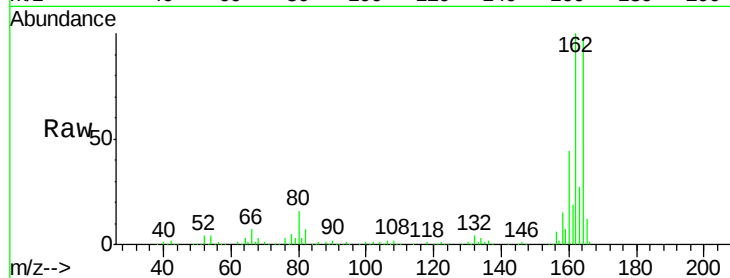
Tgt Ion:165 Resp: 26221

Ion Ratio Lower Upper

165 100

63 1.9 33.8 50.8#

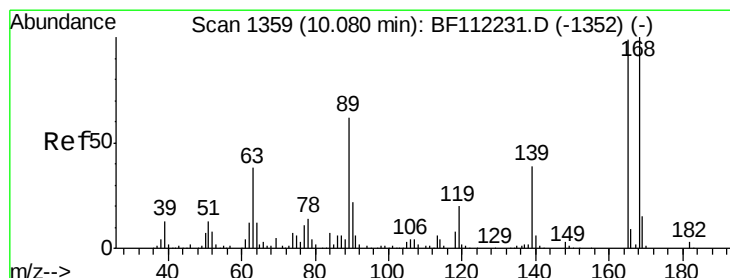
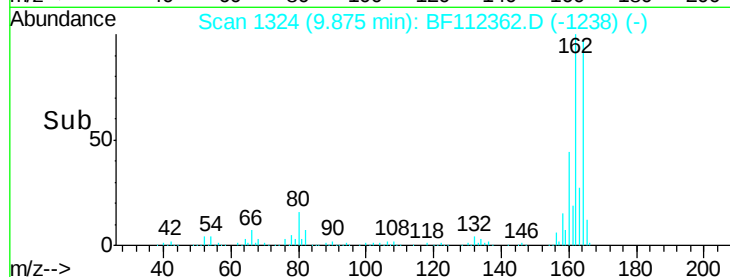
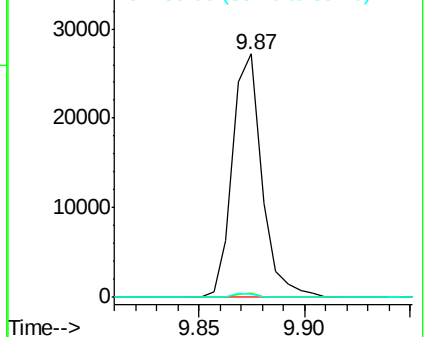
89 1.5 36.9 55.3#



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: 5.555 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

Tgt Ion:165 Resp: 26221

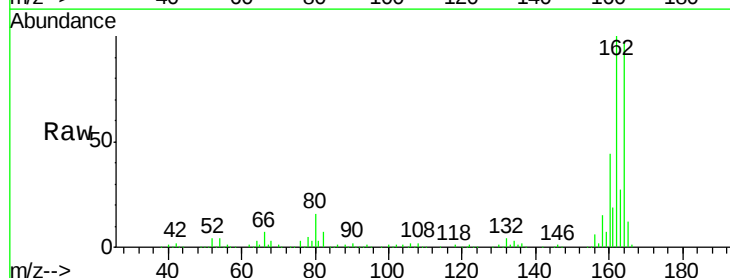
Ion Ratio Lower Upper

165 100

63 1.9 27.9 41.9#

89 1.5 47.9 71.9#

182 0.0 2.2 3.4#

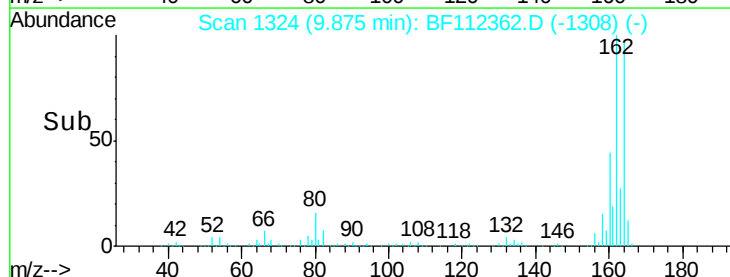
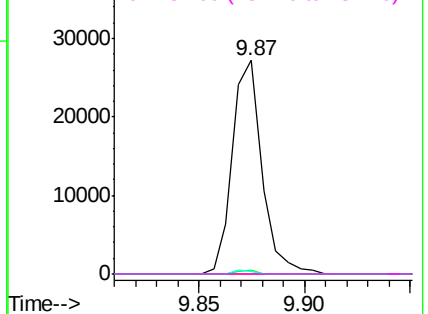


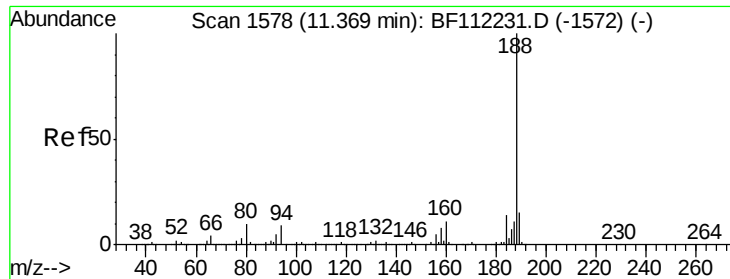
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112362.D

Acq: 1 Feb 2019 20:08

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-S

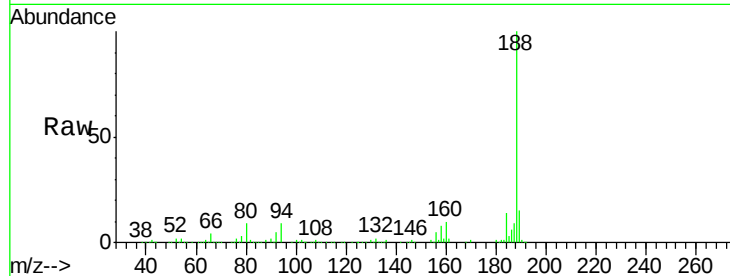
Tgt Ion:188 Resp: 339083

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

80 9.4 8.9 13.3



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

11.36

300000

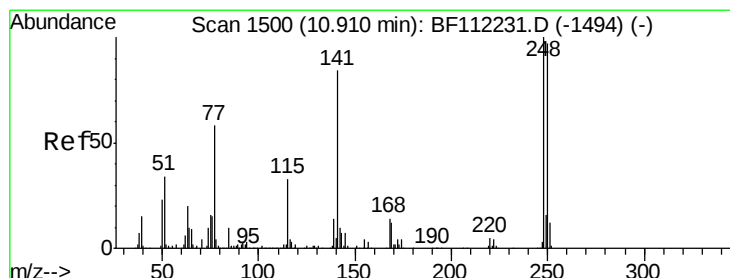
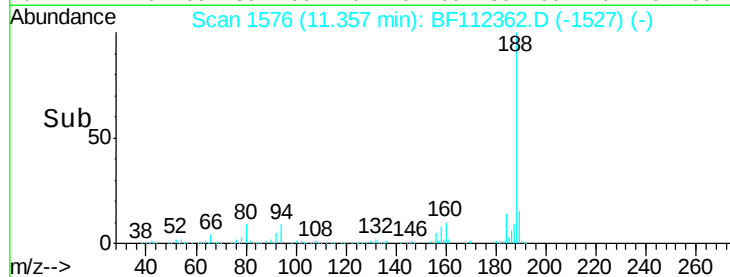
200000

100000

0

11.30 11.40 11.50

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.818 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

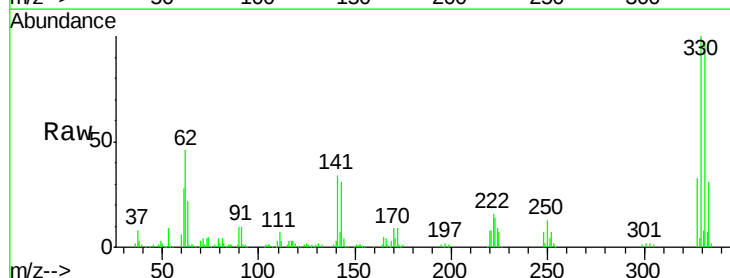
Tgt Ion:248 Resp: 11240

Ion Ratio Lower Upper

248 100

250 194.0 79.7 119.5#

141 515.7 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

10.66

80000

60000

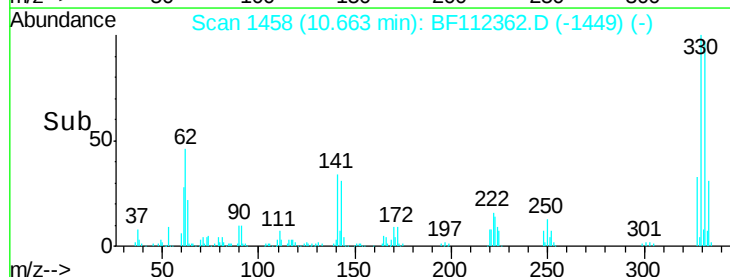
40000

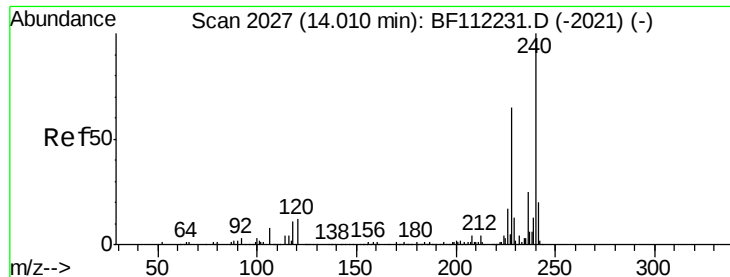
20000

0

10.65 10.70

Time-->

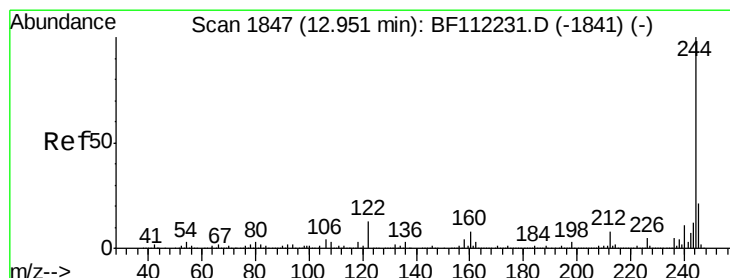
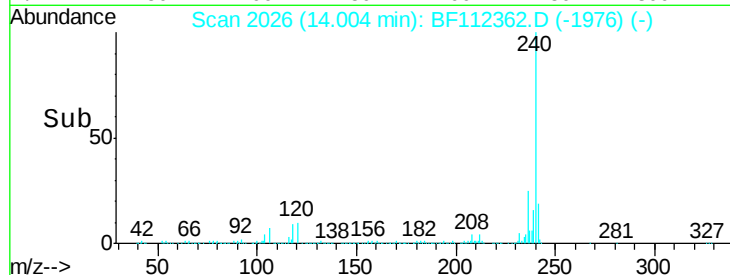
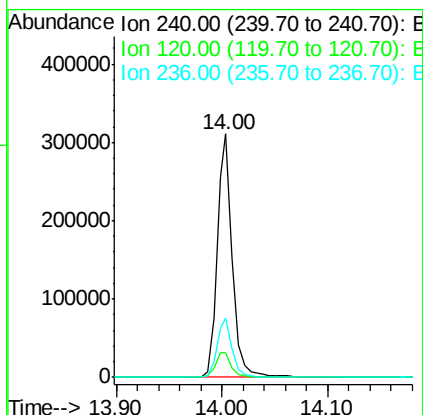
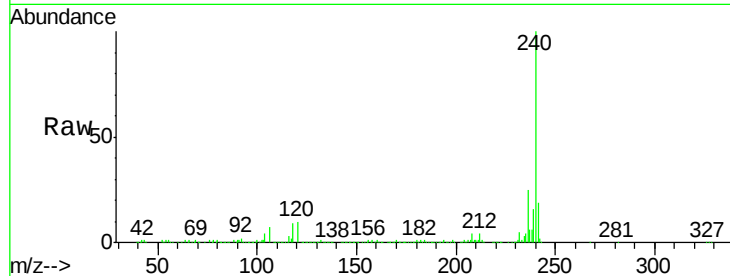




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

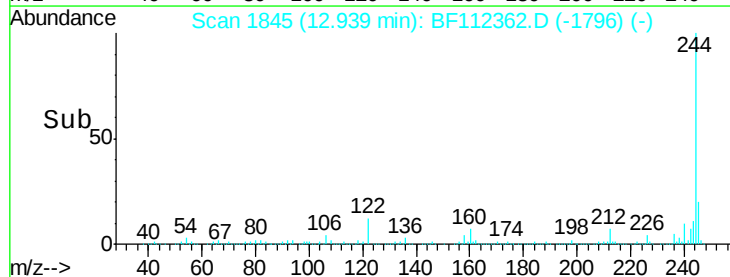
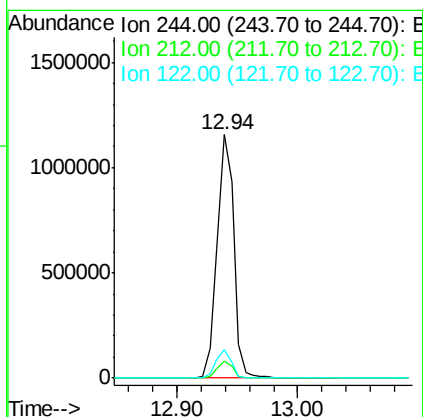
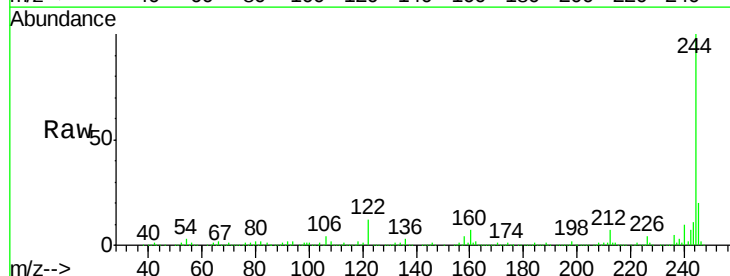
Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-S

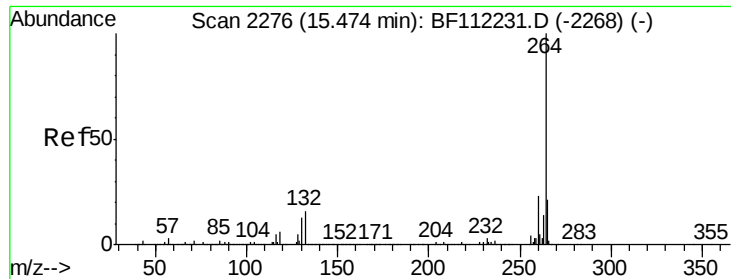
Tgt Ion:240 Resp: 314388
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 24.5 20.7 31.1



#79
Terphenyl-d14
Concen: 65.193 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Tgt Ion:244 Resp: 1088205
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.9 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	19.8	17.0	25.4

