

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112103.D
 Acq On : 17 Jan 2019 22:24
 Operator : JU/SJ
 Sample : K1164-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-U-B

Quant Time: Jan 18 00:11:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	301945	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1069591	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	468211	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	746746	20.00	ng	0.00
76) Chrysene-d12	14.03	240	663892	20.00	ng	0.00
87) Perylene-d12	15.50	264	520110	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	665721	40.02	ng	0.00
7) Phenol-d6	6.50	99	531405	25.53	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1586562	102.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	379508	75.14	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2814075	88.12	ng	0.00
79) Terphenyl-d14	12.97	244	2257578	72.34	ng	0.00

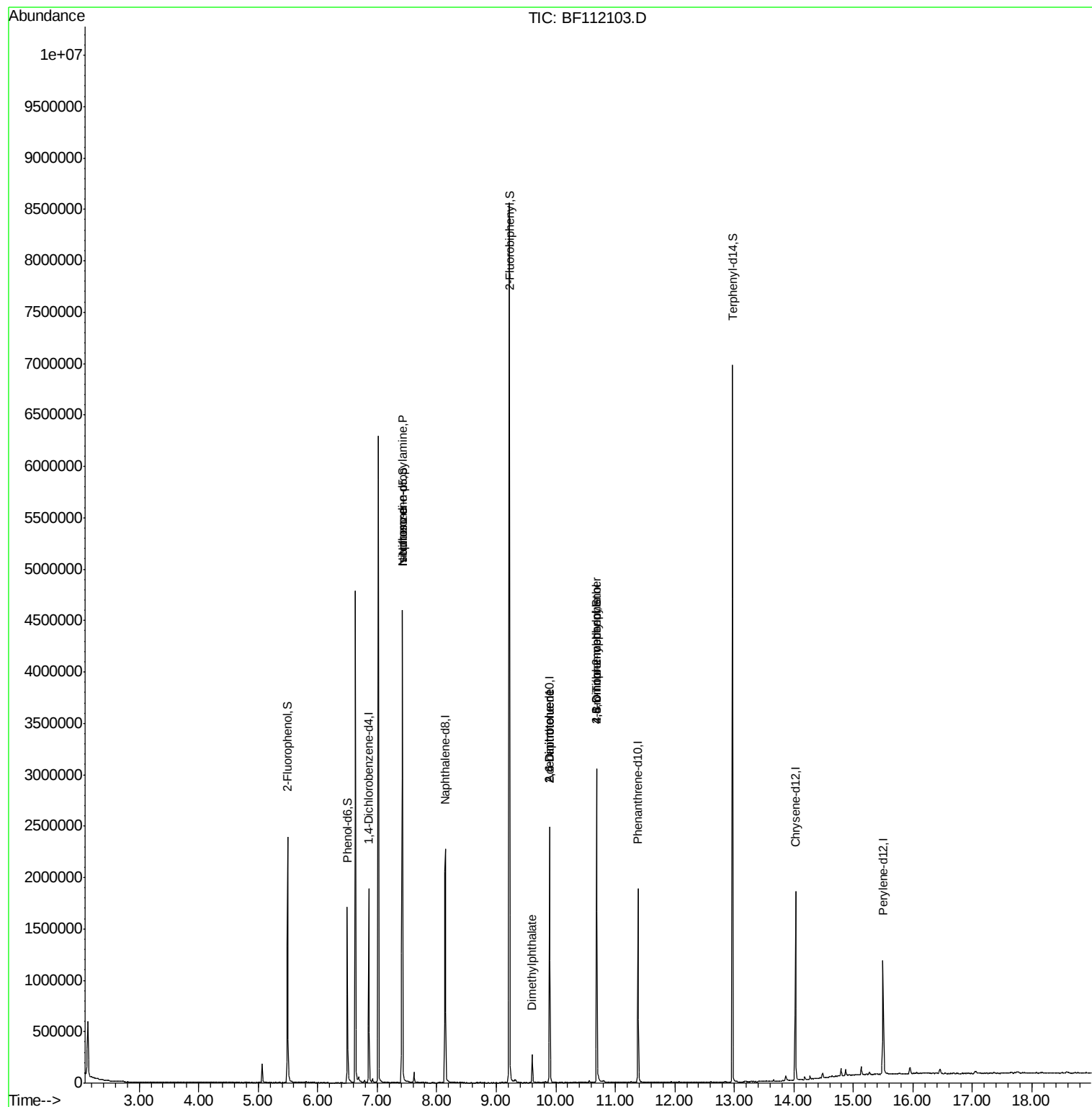
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1011	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.42	70	214279	16.899	ng	# 78
25) Isophorone	7.42	82	1586554	53.057	ng	# 64
50) Dimethylphthalate	9.60	163	113243	3.316	ng	# 97
51) 2,6-Dinitrotoluene	9.90	165	59949	8.791	ng	# 34
57) 2,4-Dinitrotoluene	9.90	165	59949	10.777	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.69	198	712	10.250	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	21094	2.432	ng	# 1

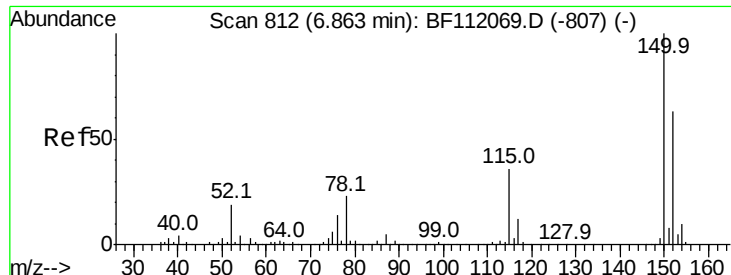
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112103.D
Acq On : 17 Jan 2019 22:24
Operator : JU/SJ
Sample : K1164-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Quant Time: Jan 18 00:11:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration



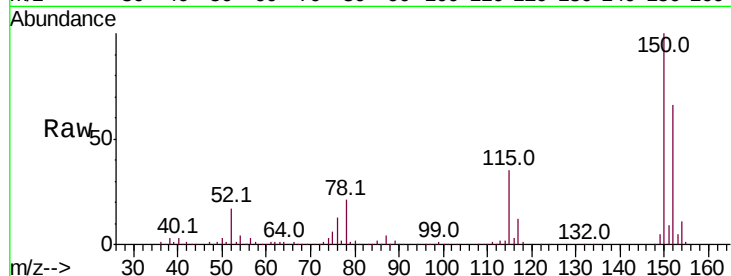


#1

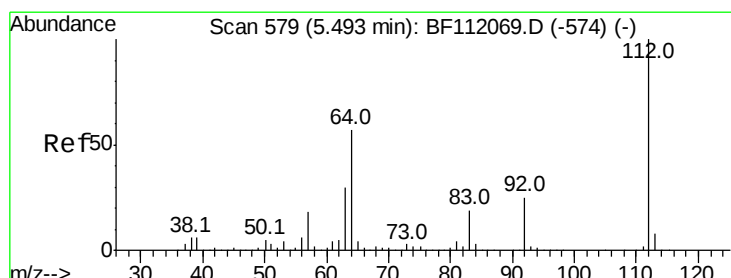
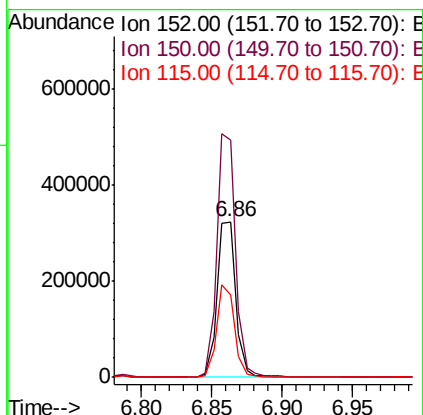
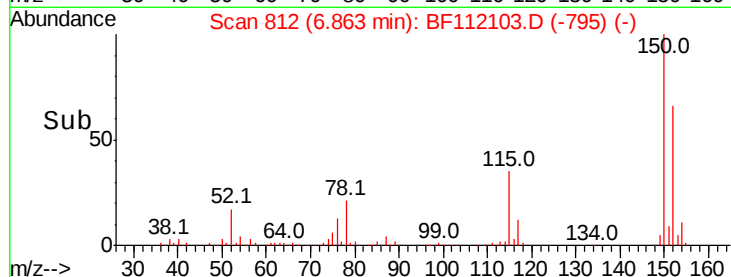
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tot Ion:152 Resp: 301945
Ion Ratio Lower Upper
152 100
150 152.2 127.4 191.0
115 52.6 45.5 68.3



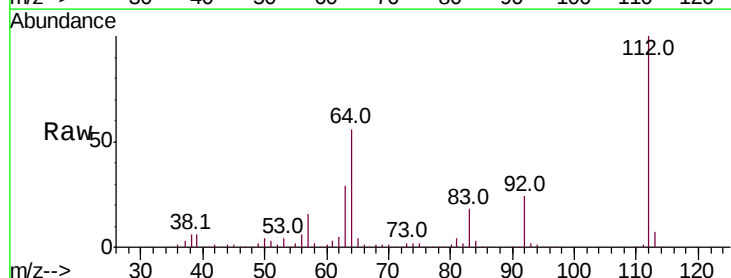
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



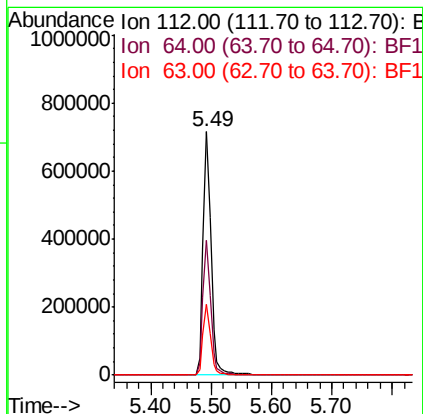
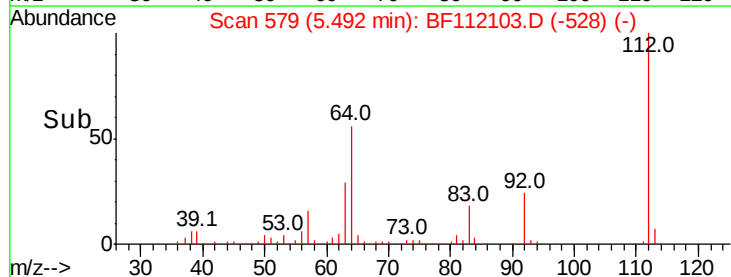
#5

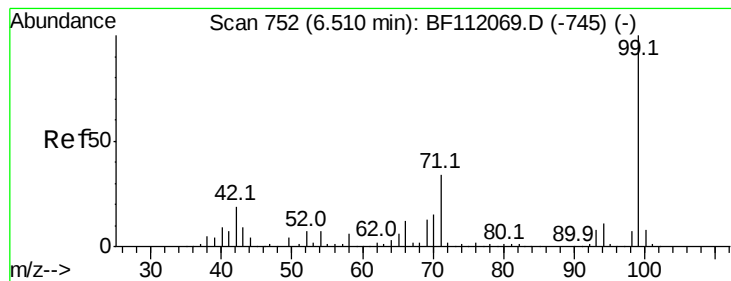
2-Fluorophenol
Concen: 40.018 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:112 Resp: 665721
Ion Ratio Lower Upper
112 100
64 55.5 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: 25.531 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-B

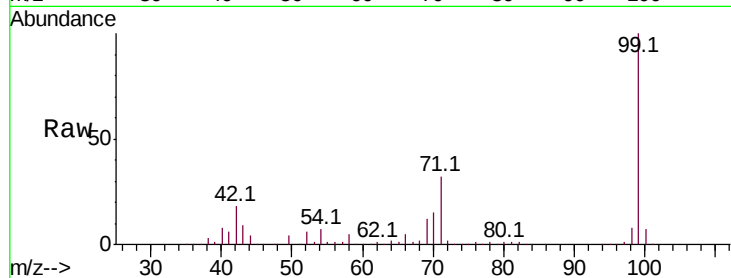
Tot Ion: 99 Resp: 531405

Ion Ratio Lower Upper

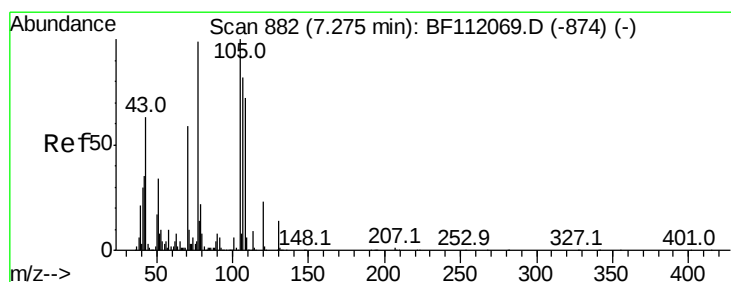
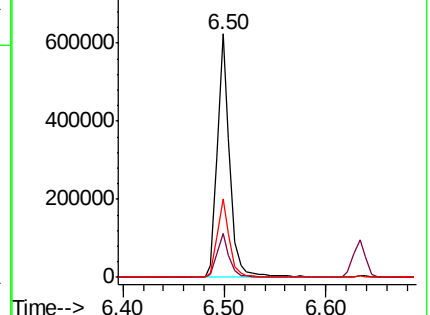
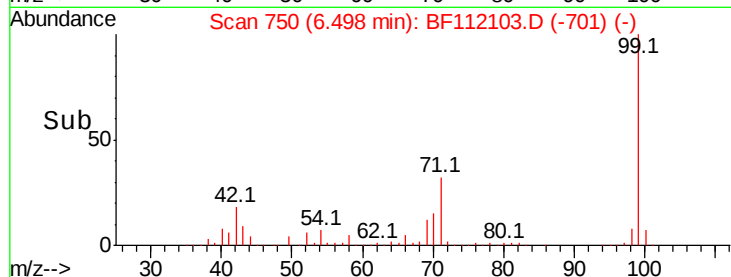
99 100

42 17.8 15.1 22.7

71 32.1 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: 16.899 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

Tgt Ion: 70 Resp: 214279

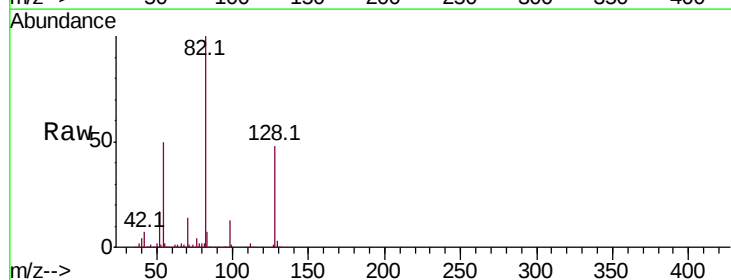
Ion Ratio Lower Upper

70 100

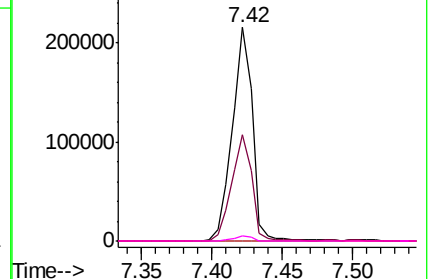
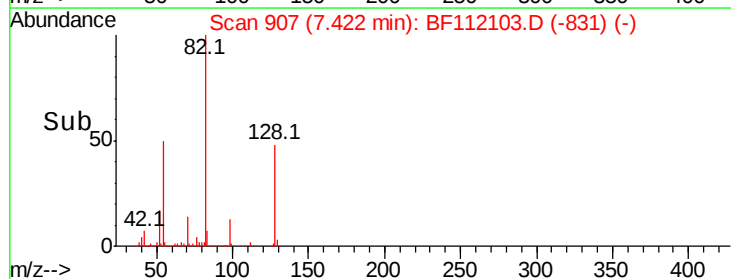
42 49.7 47.6 71.4

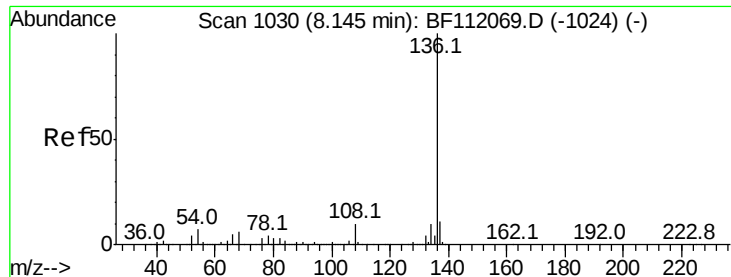
101 0.0 7.9 11.9#

130 2.2 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): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-B

Tot Ion:136 Resp: 1069591

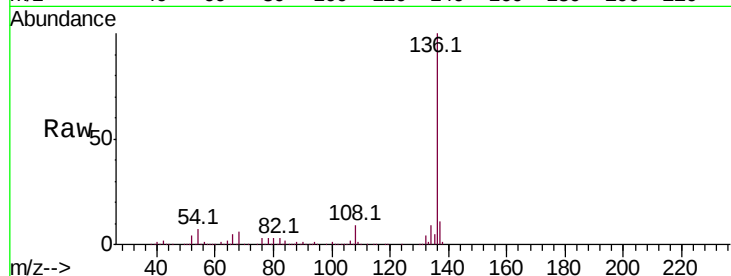
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 5.9 8.9

68 5.7 5.1 7.7

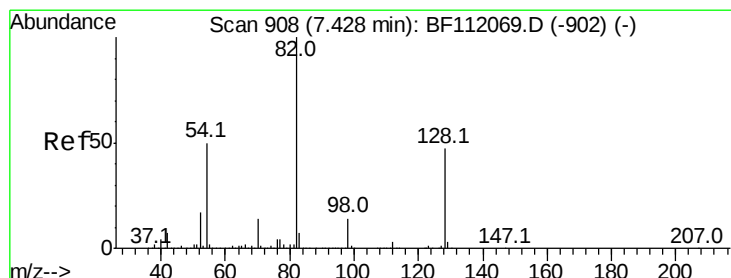
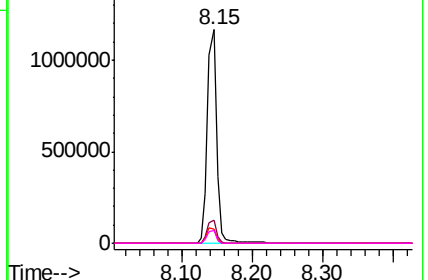
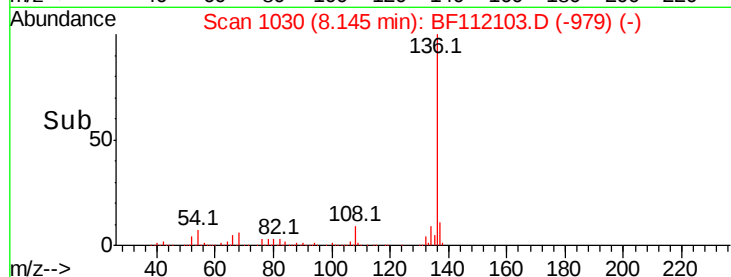


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.482 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

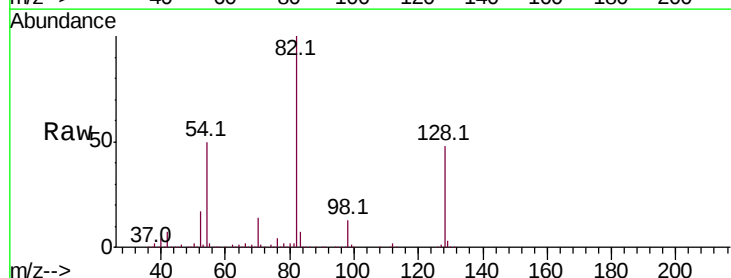
Tgt Ion: 82 Resp: 1586562

Ion Ratio Lower Upper

82 100

128 47.8 37.8 56.8

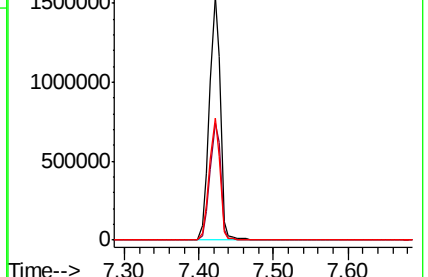
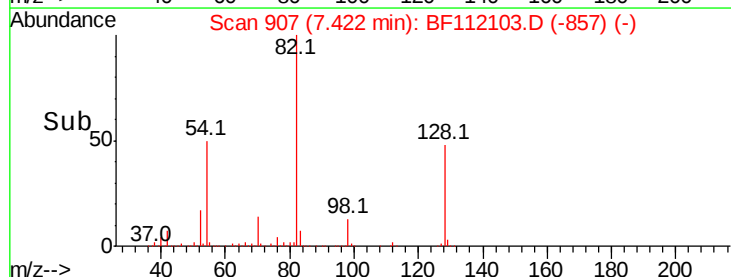
54 50.0 39.7 59.5

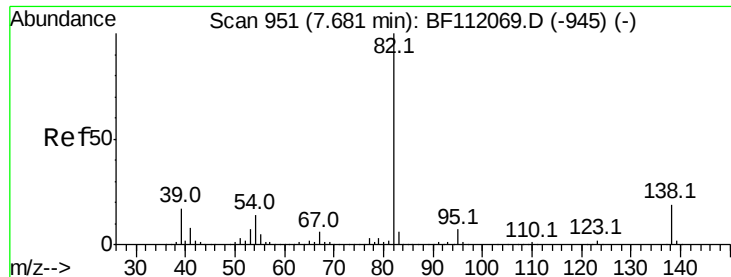


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.057 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-B

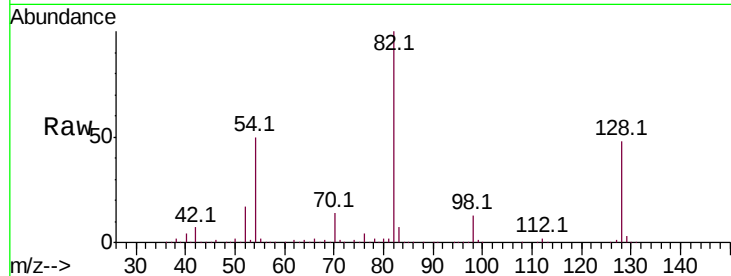
Tot Ion: 82 Resp: 1586554

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

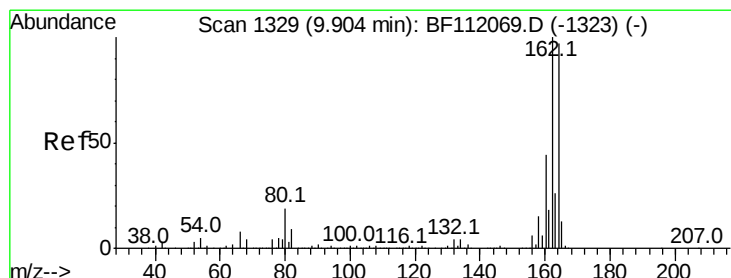
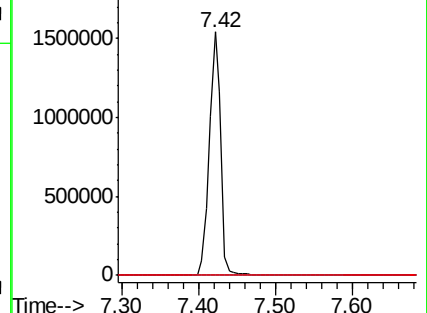
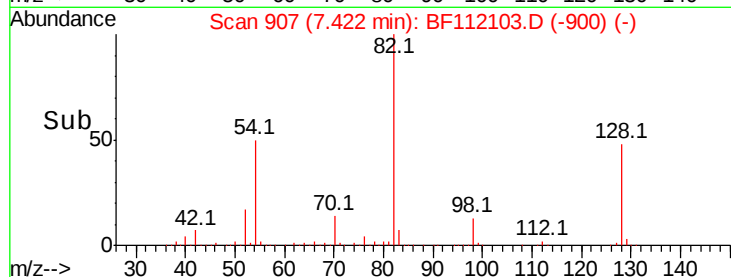
138 0.0 15.4 23.0#



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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

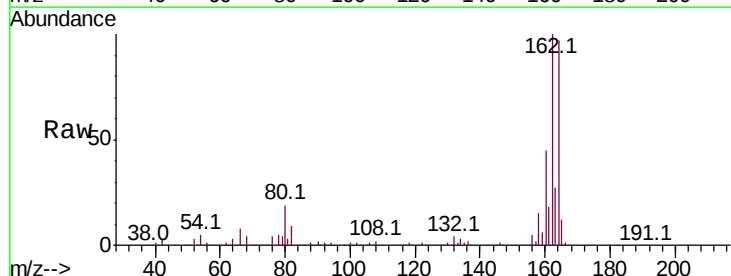
Tgt Ion:164 Resp: 468211

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.4

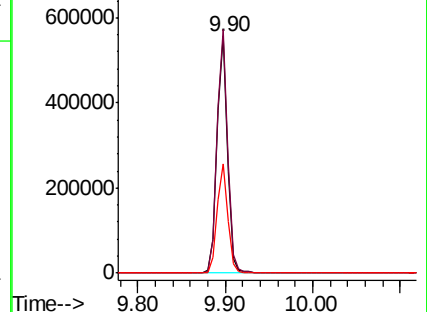
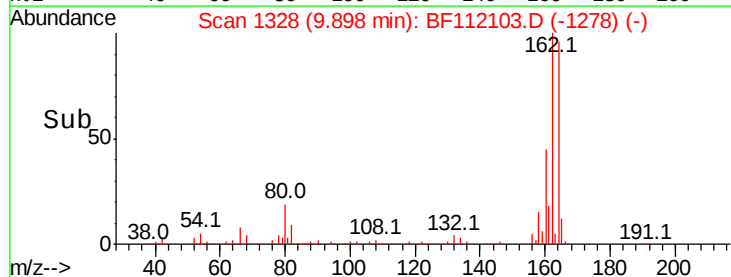
160 46.3 36.2 54.4

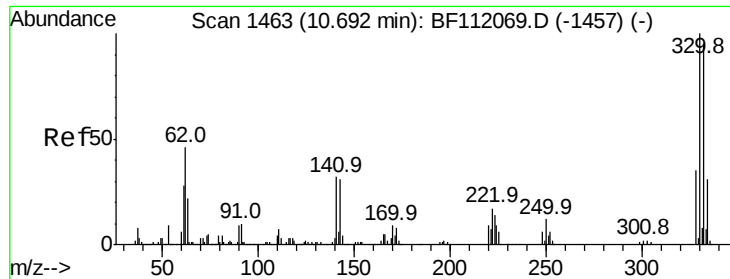


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

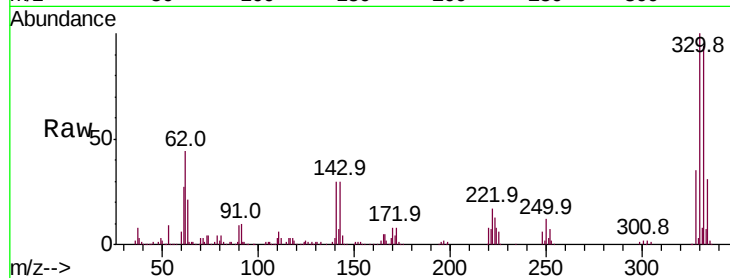




#42
 2,4,6-Tribromophenol
 Concen: 75.136 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112103.D
 Acq: 17 Jan 2019 22:24

Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	29.7	24.3	36.5

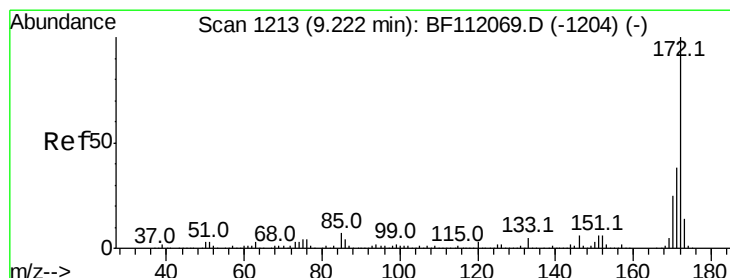
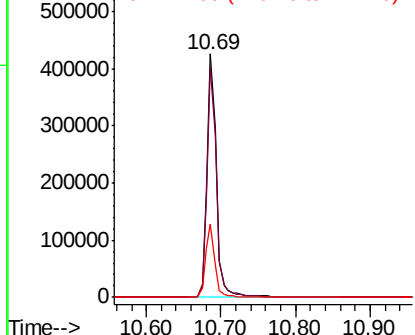
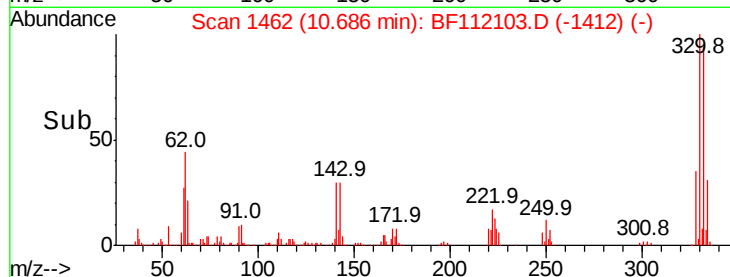


Abundance

Ion 329.80 (329.50 to 330.50): E

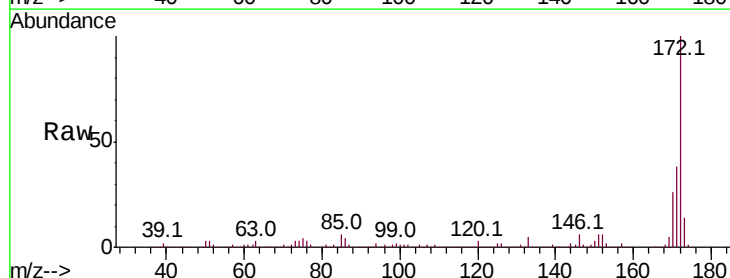
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.117 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112103.D
 Acq: 17 Jan 2019 22:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.5	20.2	30.4

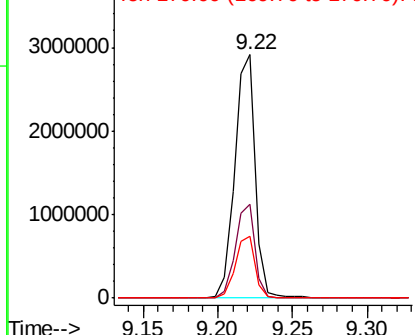
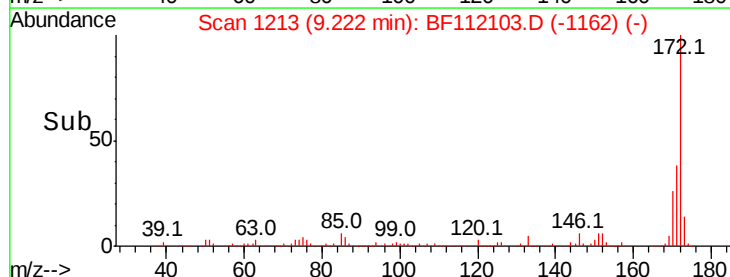


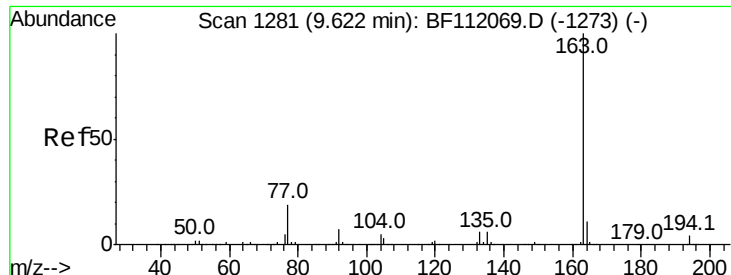
Abundance

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





#50

Dimethylphthalate

Concen: 3.316 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-B

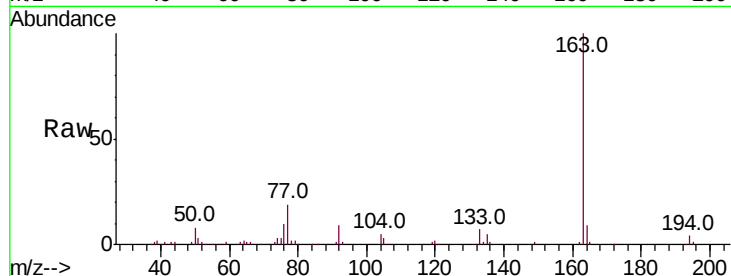
Tot Ion:163 Resp: 113243

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

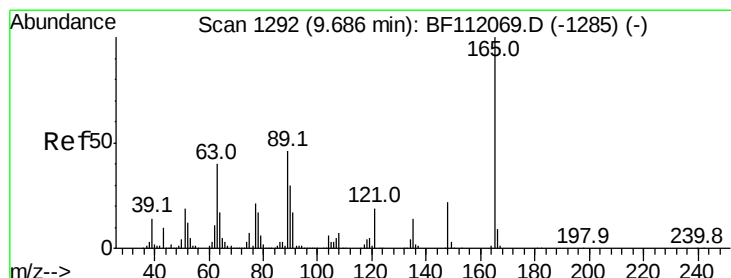
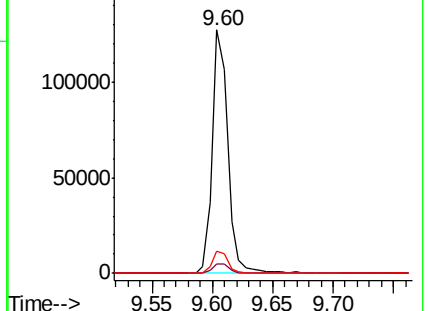
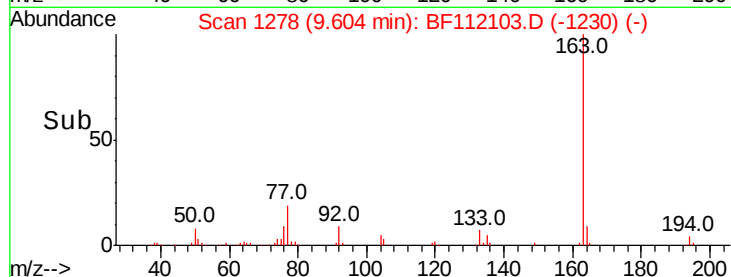
164 9.2 8.5 12.7



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: 8.791 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

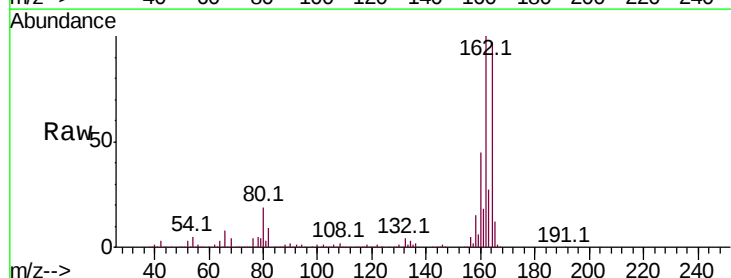
Tgt Ion:165 Resp: 59949

Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.8#

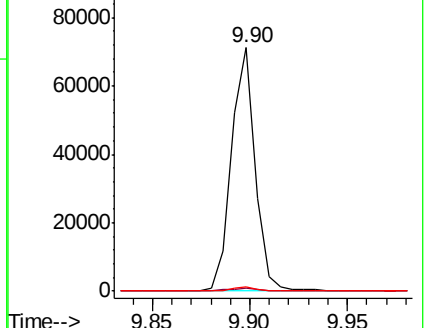
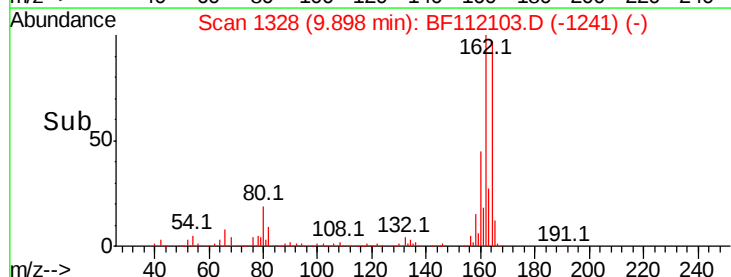
89 1.8 36.9 55.3#

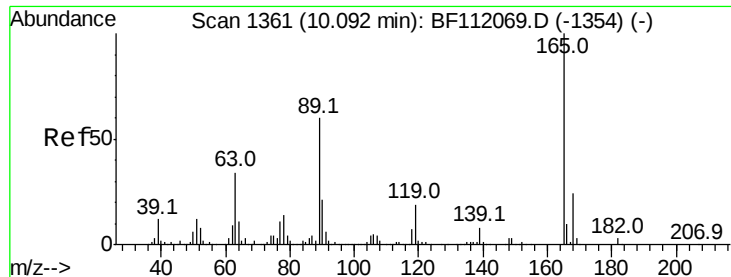


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

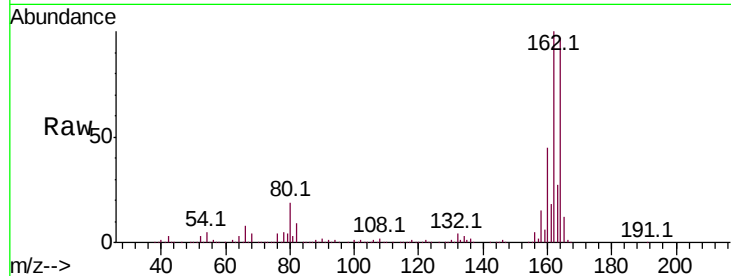




#57
2,4-Dinitrotoluene
Concen: 10.777 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#

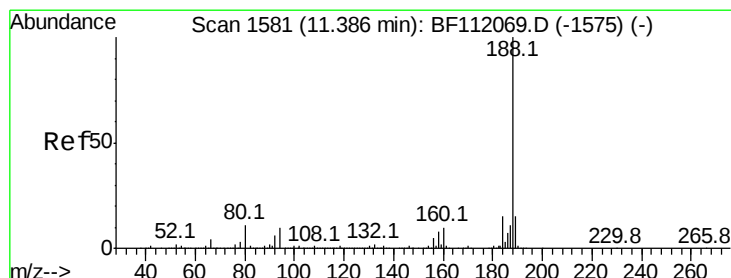
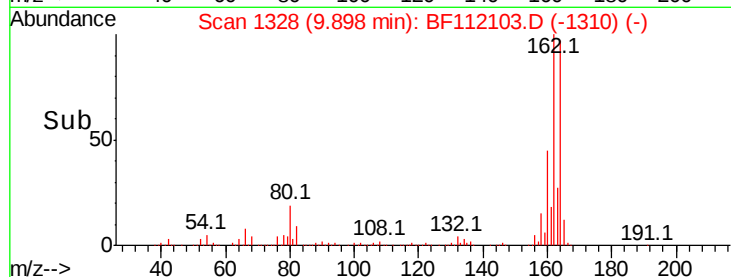
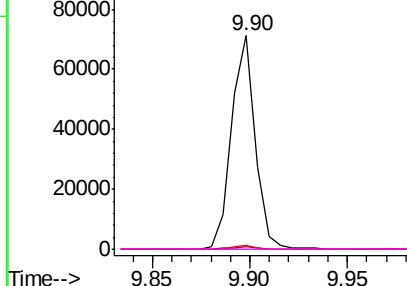


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

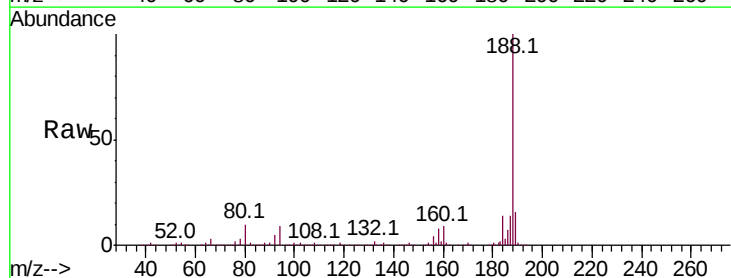
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

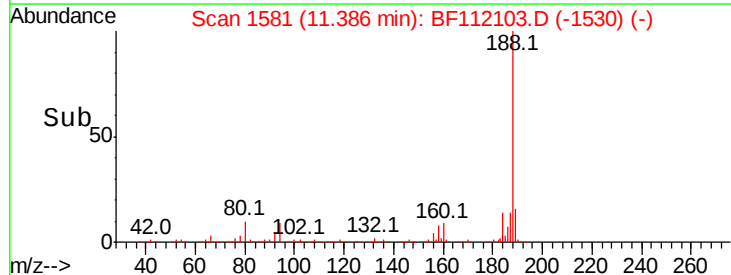
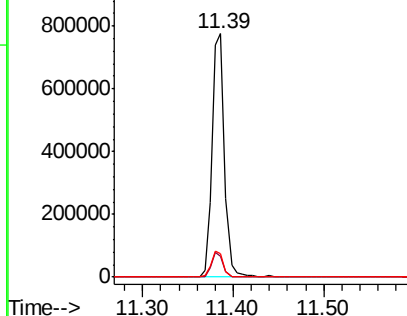
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.5	8.9	13.3

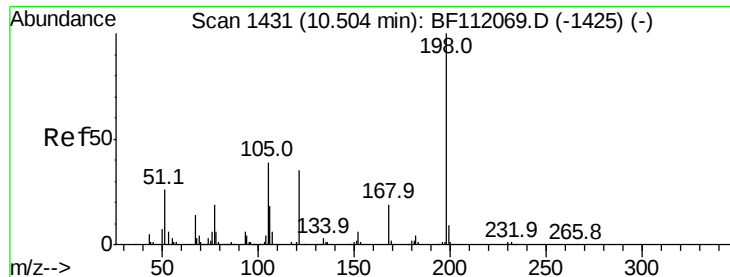


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

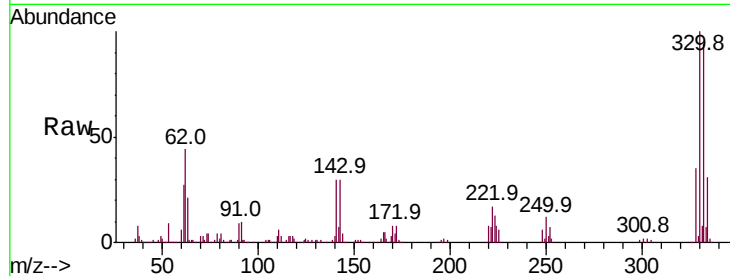




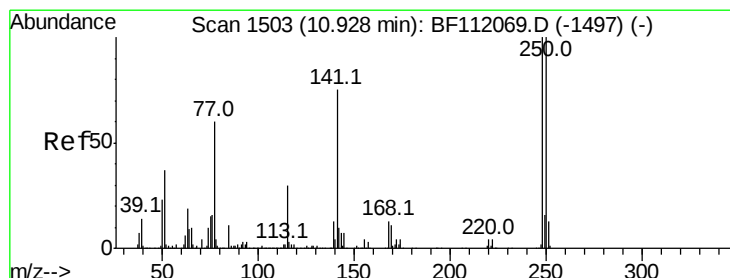
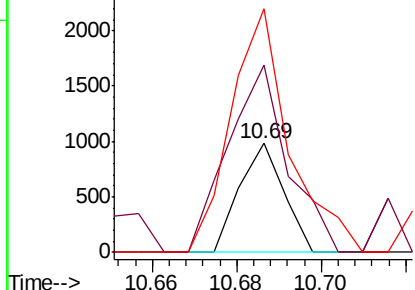
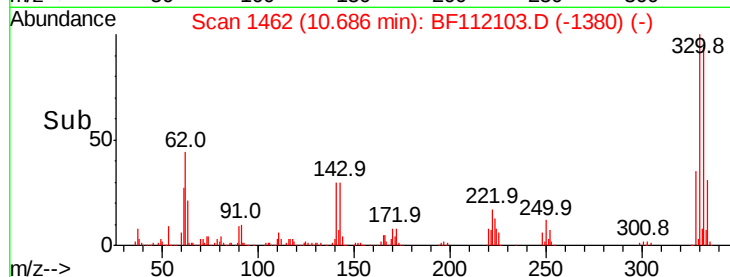
#65
4,6-Dinitro-2-methylphenol
Concen: 10.250 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tot Ion:198 Resp: 712
Ion Ratio Lower Upper
198 100
51 172.2 17.2 57.2#
105 223.3 21.9 61.9#

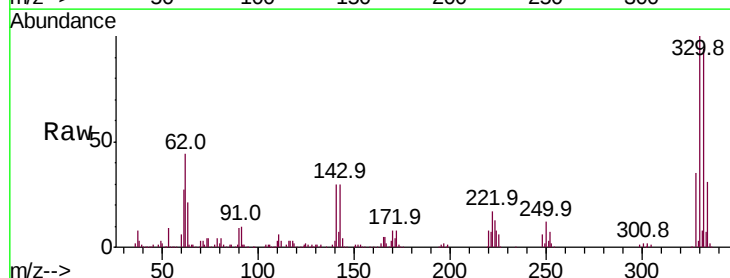


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

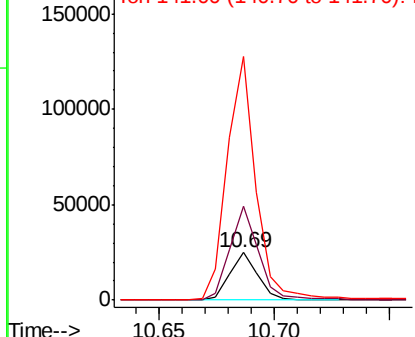
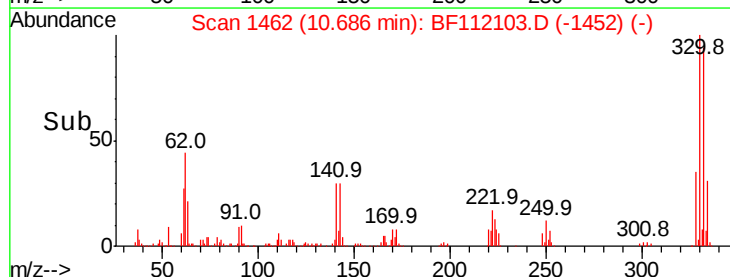


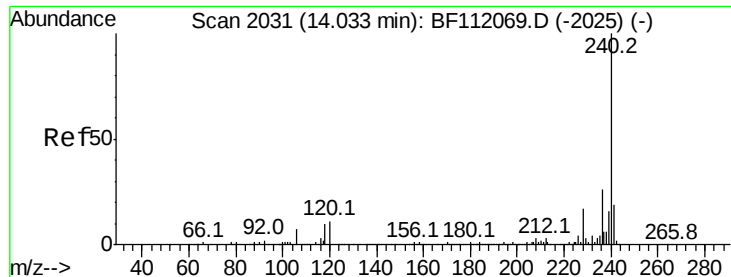
#67
4-Bromophenyl-phenylether
Concen: 2.432 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:248 Resp: 21094
Ion Ratio Lower Upper
248 100
250 199.2 79.7 119.5#
141 516.1 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

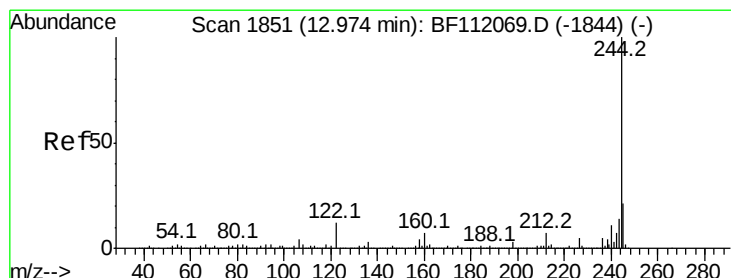
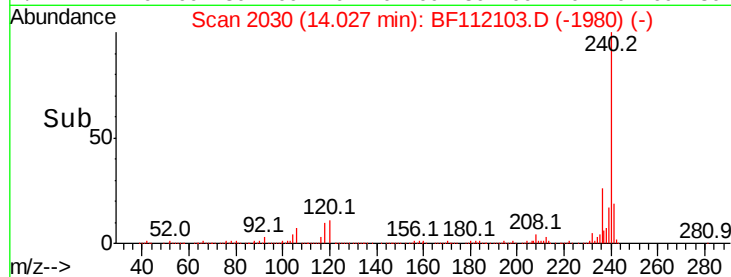
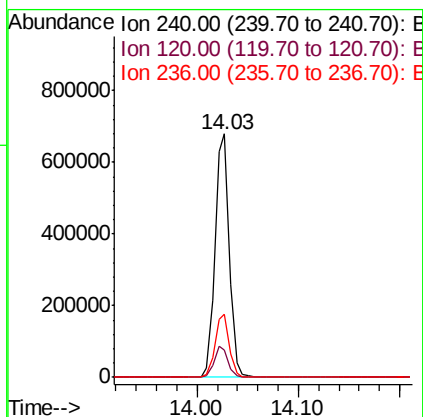
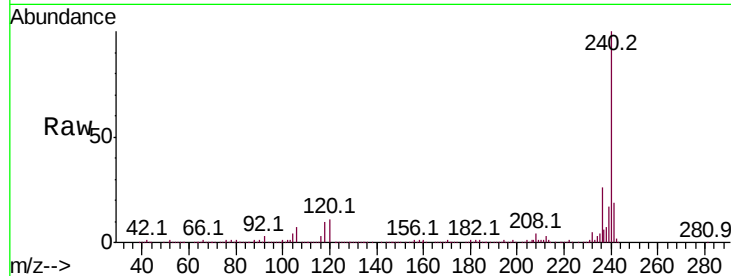




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

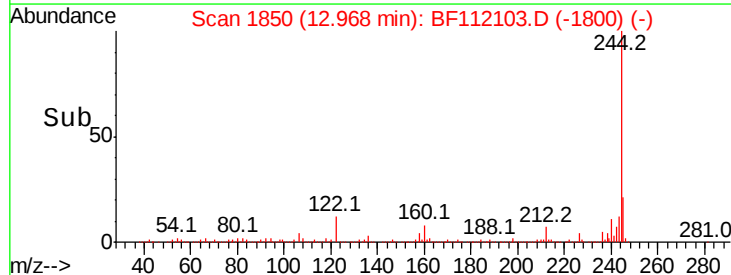
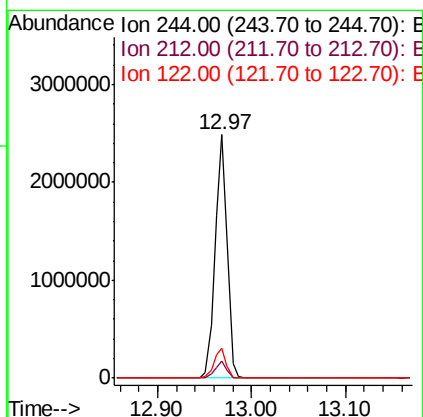
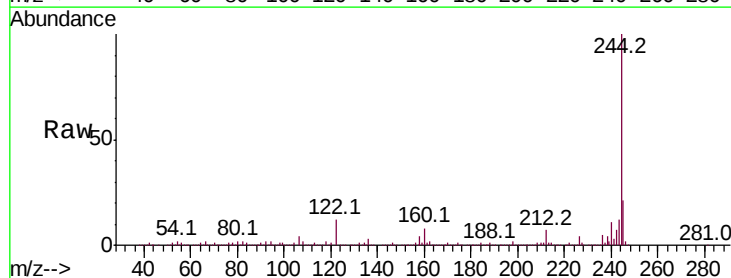
Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

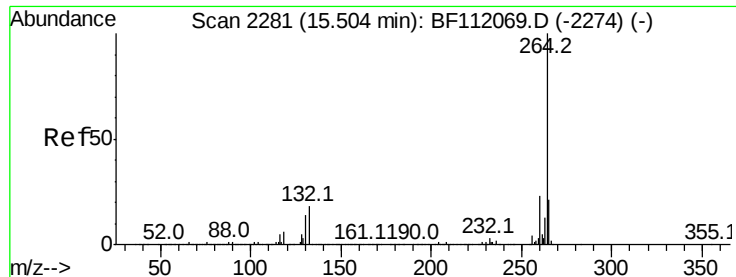
Tot Ion:240 Resp: 663892
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 72.342 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:244 Resp: 2257578
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.4 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.0	17.0	25.4

