

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112105.D
 Acq On : 17 Jan 2019 23:18
 Operator : JU/SJ
 Sample : K1164-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

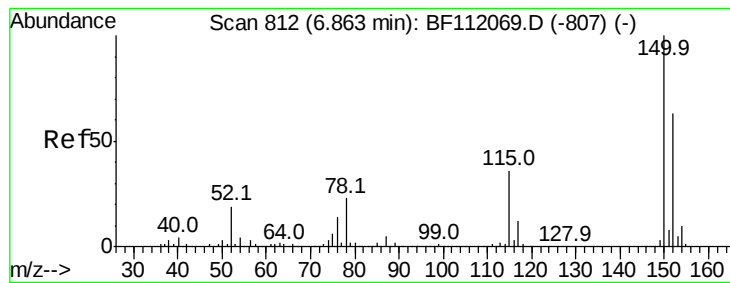
Quant Time: Jan 18 00:11:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	333665	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1186688	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	517945	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	830452	20.00	ng	0.00
76) Chrysene-d12	14.02	240	745621	20.00	ng	-0.01
87) Perylene-d12	15.50	264	574576	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	654102	35.58	ng	0.00
7) Phenol-d6	6.50	99	501679	21.81	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1714213	99.80	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	387685	69.38	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3033755	85.87	ng	0.00
79) Terphenyl-d14	12.97	244	2502782	71.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1350	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.42	70	237855	16.975	ng	# 78
25) Isophorone	7.42	82	1710625	51.561	ng	# 64
32) Benzoic acid	8.14	122	259	7.208	ng	# 1
50) Dimethylphthalate	9.61	163	128204	3.394	ng	99
51) 2,6-Dinitrotoluene	9.90	165	66666	8.838	ng	# 34
57) 2,4-Dinitrotoluene	9.90	165	66666	10.809	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.69	198	884	10.271	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	21923	2.273	ng	# 1

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

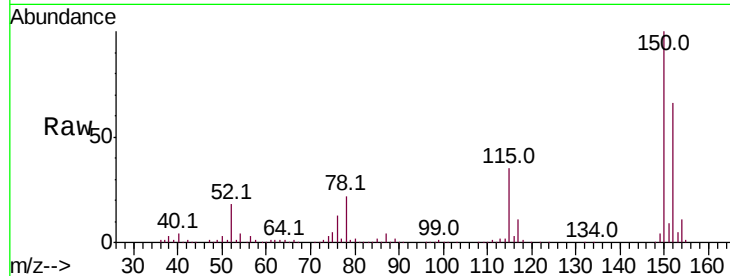


#1

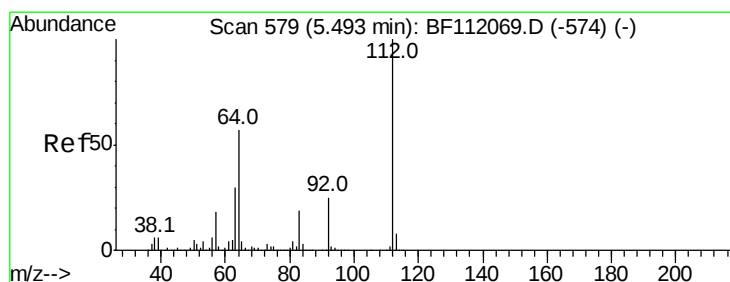
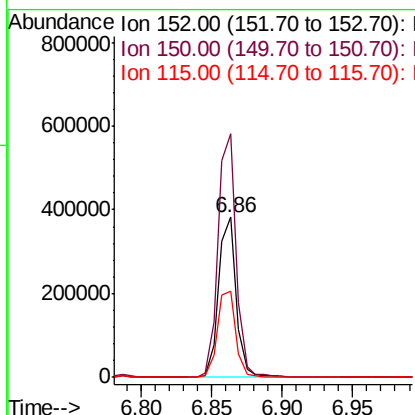
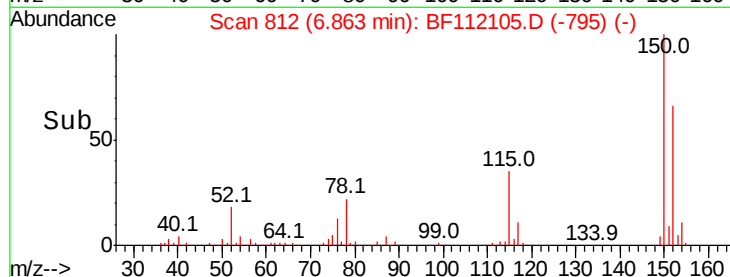
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112105.D
Acq: 17 Jan 2019 23:18

Instrument :
BNA_F
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011519-BLST-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.4	191.0
115	53.5	45.5	68.3



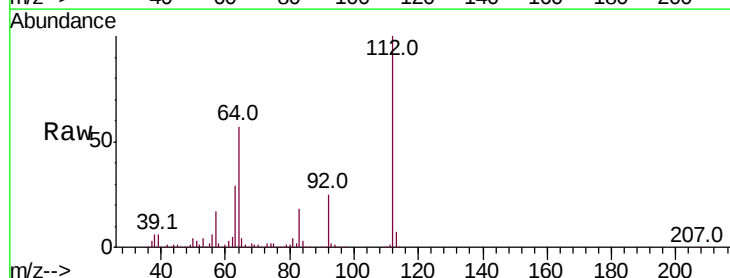
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



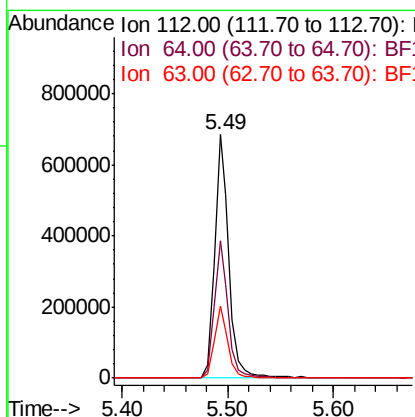
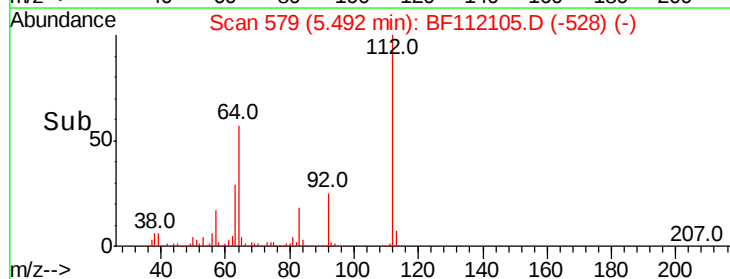
#5

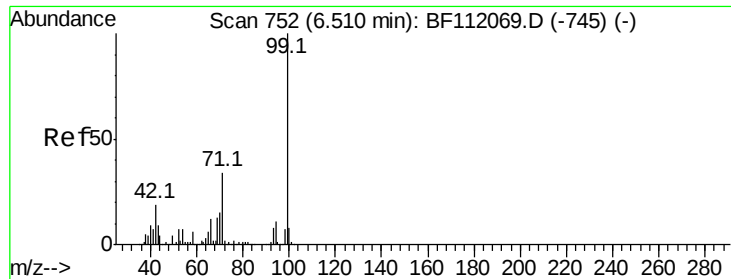
2-Fluorophenol
Concen: 35.581 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112105.D
Acq: 17 Jan 2019 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.7	68.5
63	29.4	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: 21.812 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-S

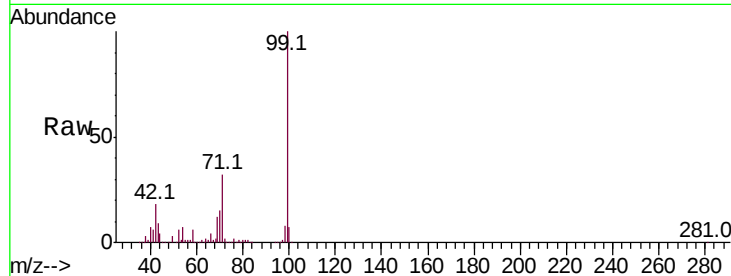
Tot Ion: 99 Resp: 501679

Ion Ratio Lower Upper

99 100

42 17.7 15.1 22.7

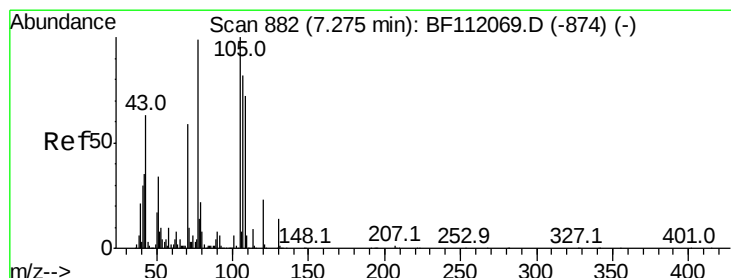
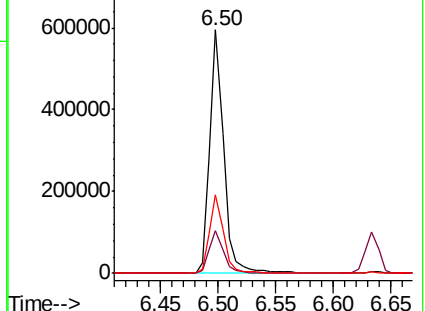
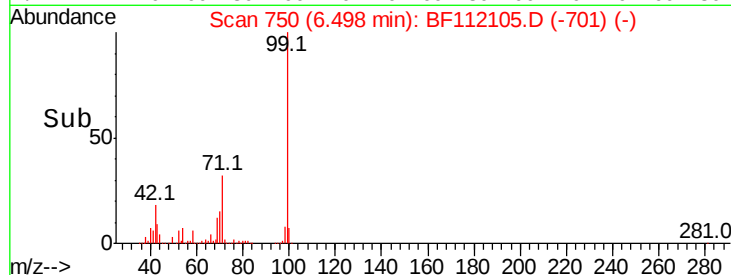
71 32.1 26.9 40.3



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: 16.975 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

Tgt Ion: 70 Resp: 237855

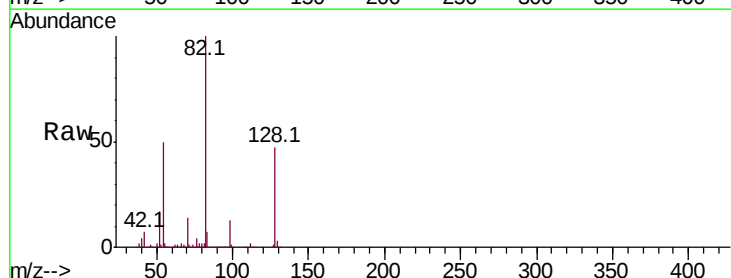
Ion Ratio Lower Upper

70 100

42 49.3 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

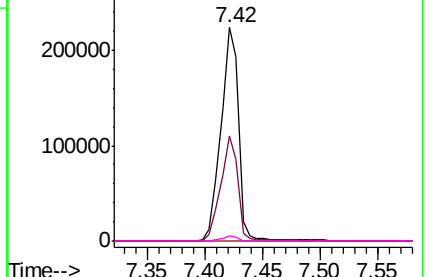
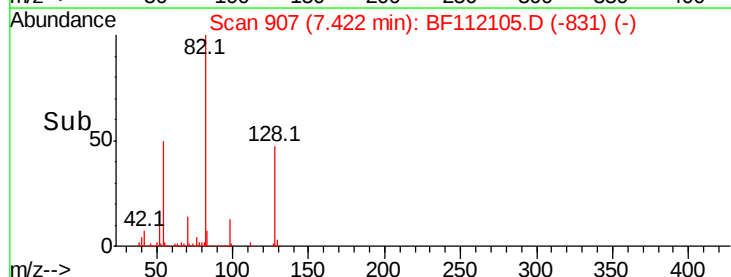


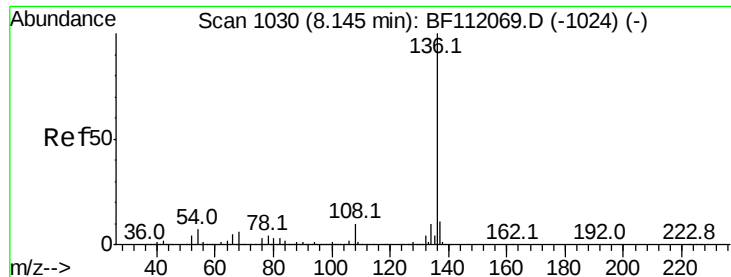
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF112105.D

Acq: 17 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-S

Tot Ion:136 Resp: 1186688

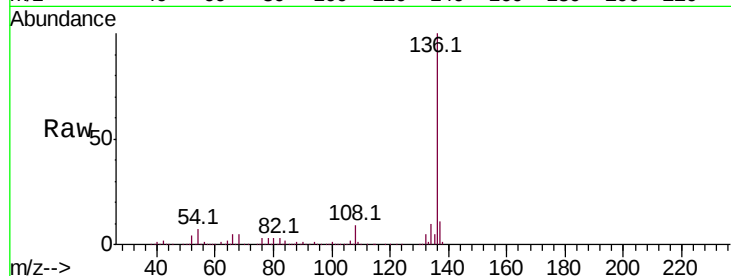
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 5.9 8.9

68 5.5 5.1 7.7

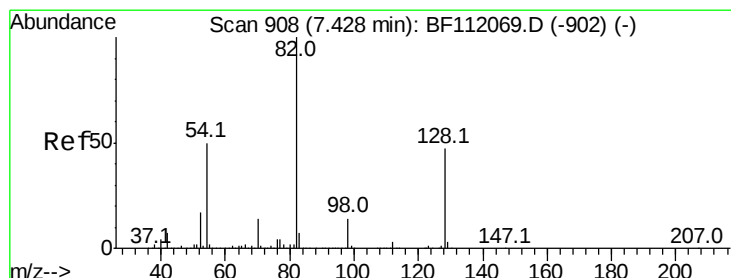
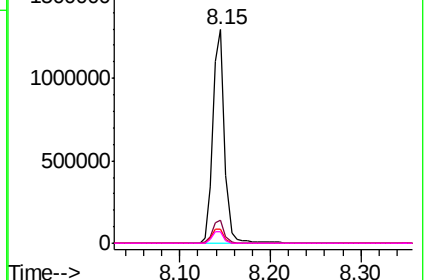
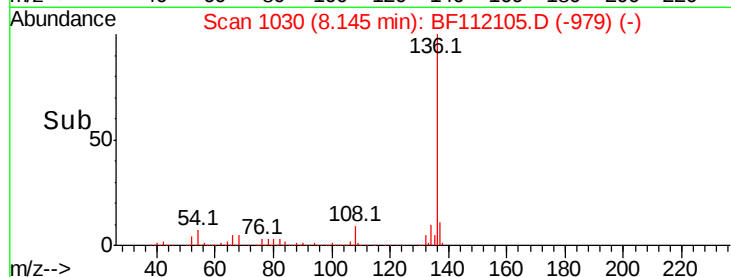


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.801 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

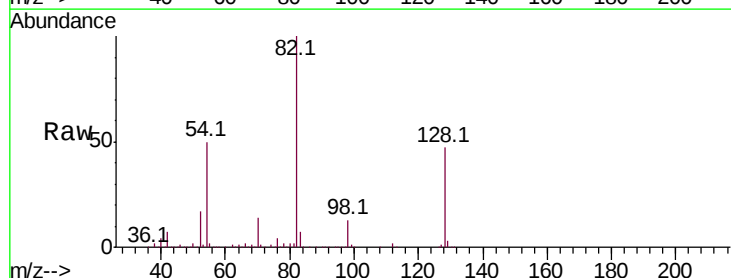
Tgt Ion: 82 Resp: 1714213

Ion Ratio Lower Upper

82 100

128 47.3 37.8 56.8

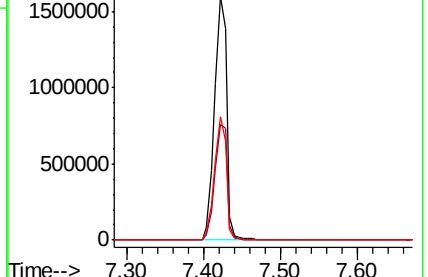
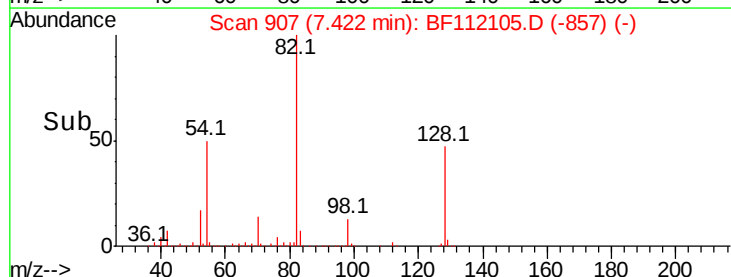
54 50.5 39.7 59.5

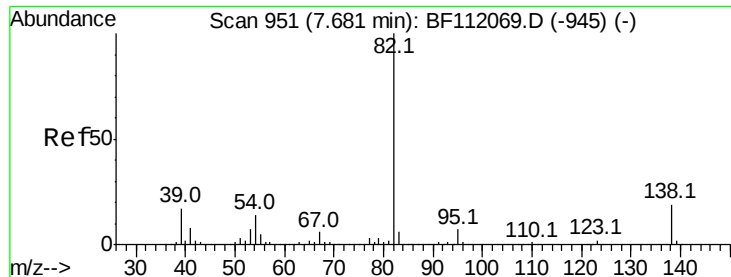


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.561 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-S

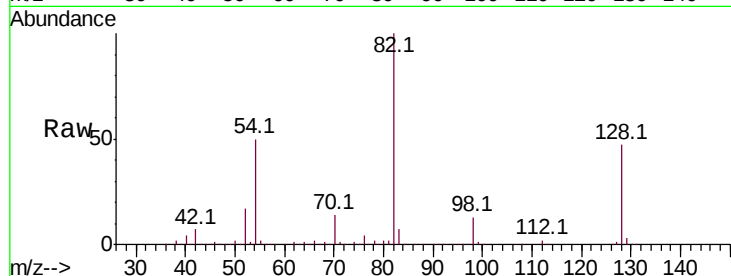
Tot Ion: 82 Resp: 1710625

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

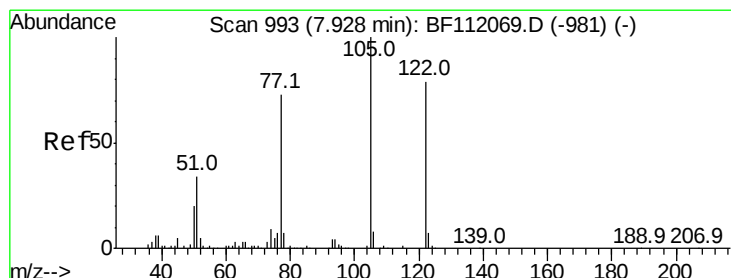
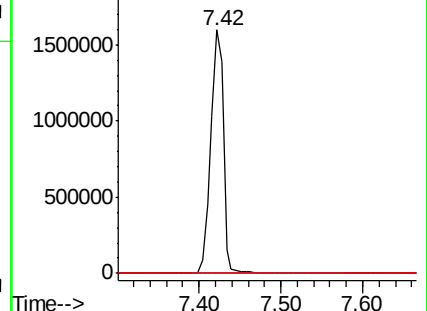
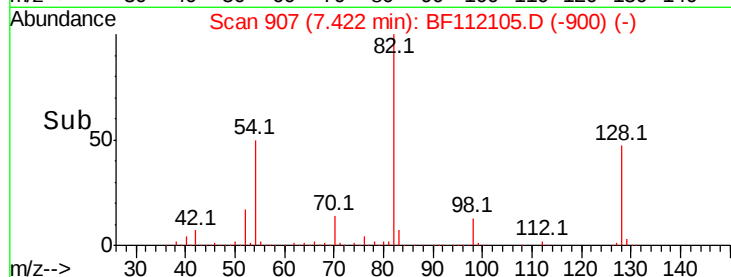
138 0.0 15.4 23.0#



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: 7.208 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.21 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

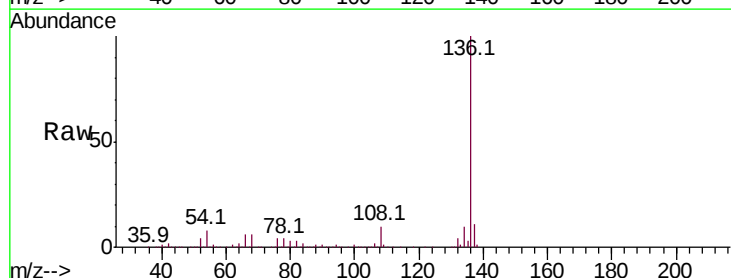
Tgt Ion:122 Resp: 259

Ion Ratio Lower Upper

122 100

105 179.6 101.2 141.2#

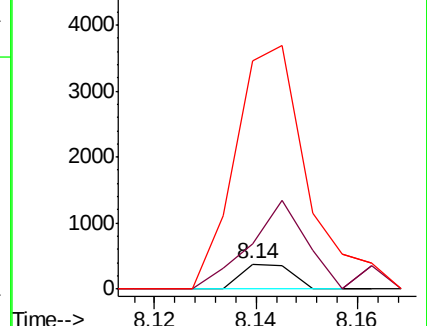
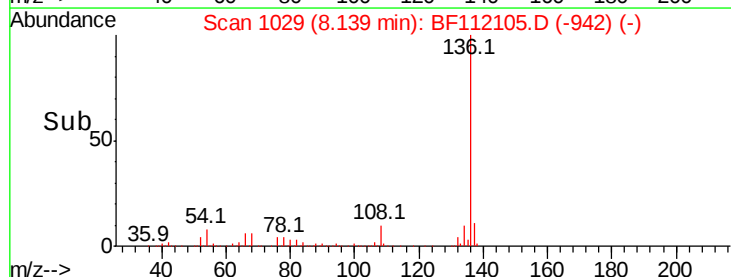
77 907.1 70.4 110.4#

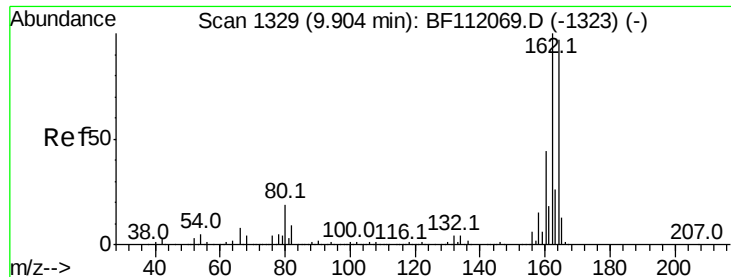


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

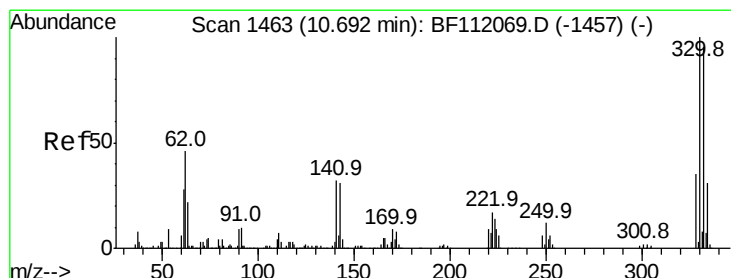
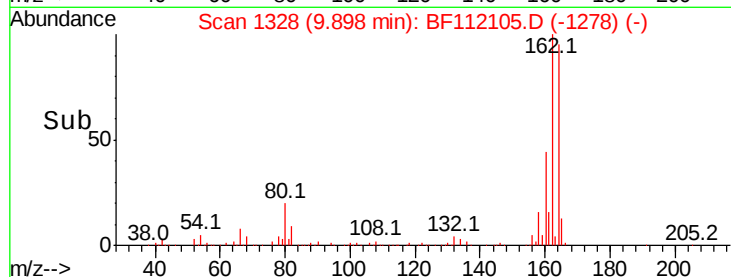
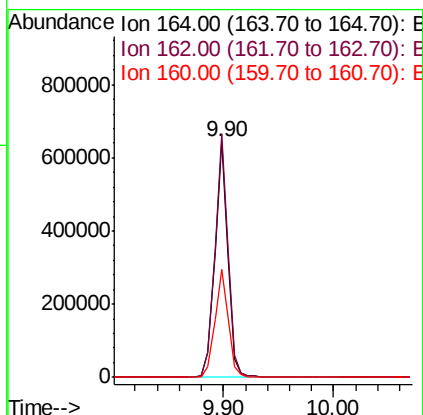
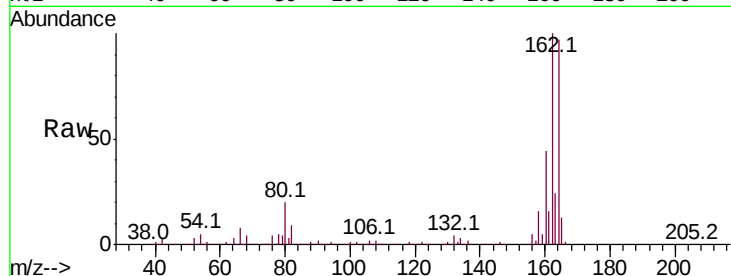




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF112105.D
 Acq: 17 Jan 2019 23:18

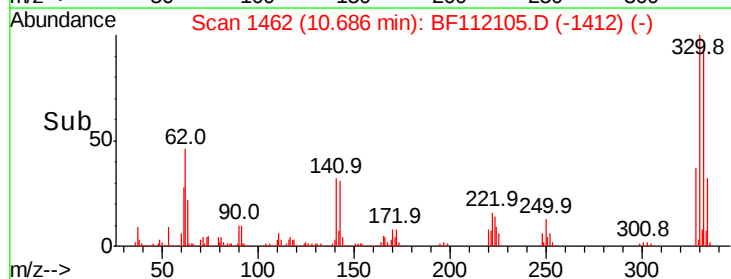
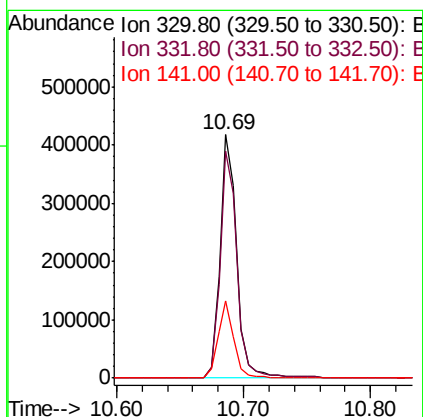
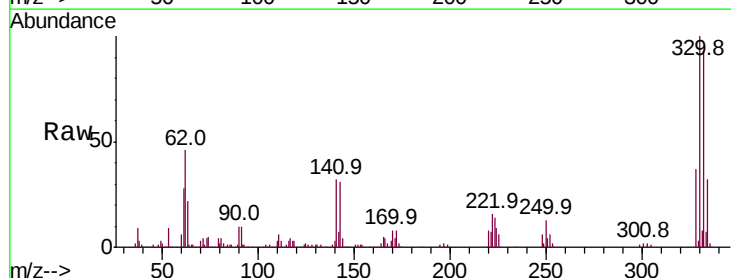
Instrument :
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 011519-BLST-E-U-S

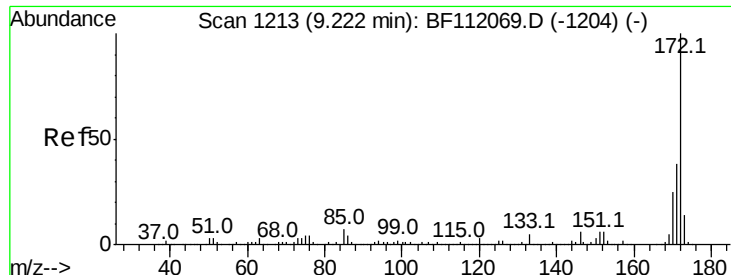
Tot Ion:164 Resp: 517945
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.2 123.4
 160 45.8 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 69.384 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112105.D
 Acq: 17 Jan 2019 23:18

Tgt Ion:330 Resp: 387685
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 30.7 24.3 36.5



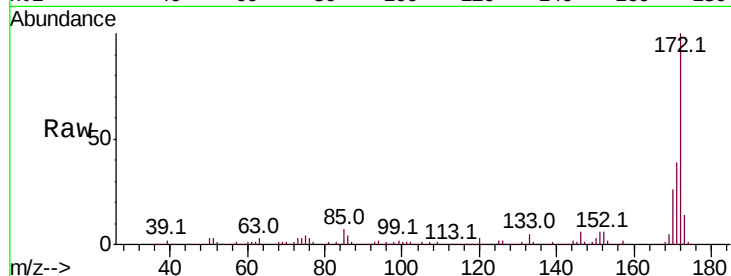


#45
 2-Fluorobiphenyl
 Concen: 85.874 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112105.D
 Acq: 17 Jan 2019 23:18

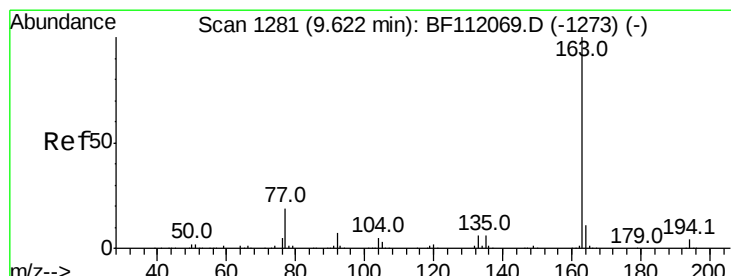
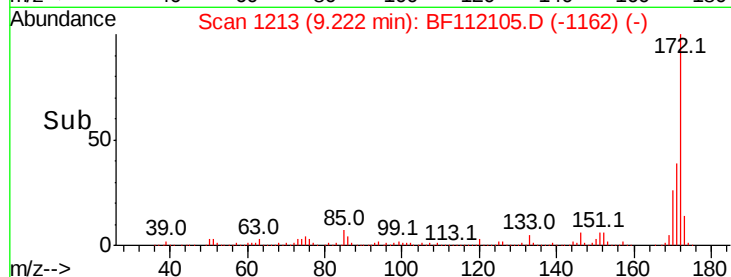
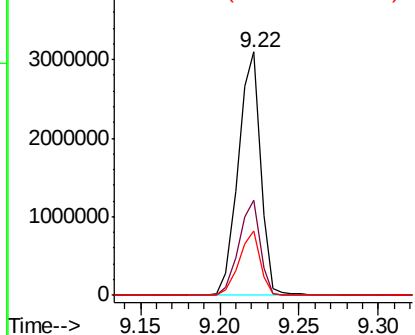
Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-U-S

Tot Ion:172 Resp: 3033755

Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.5	45.7
170	26.2	20.2	30.4



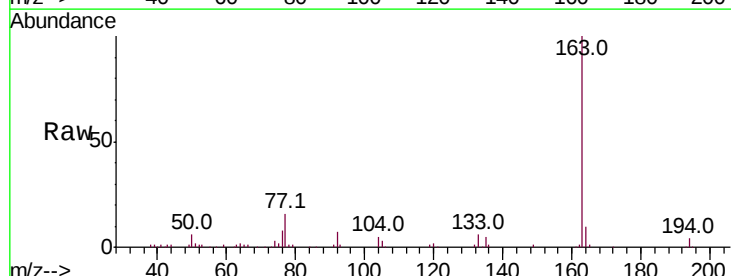
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



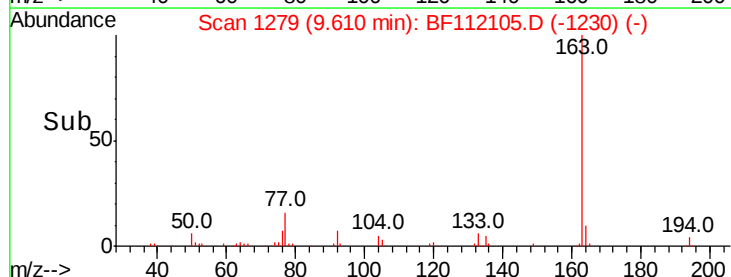
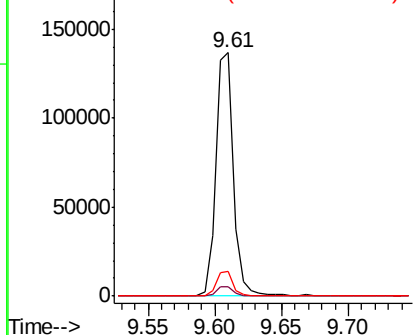
#50
 Dimethylphthalate
 Concen: 3.394 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF112105.D
 Acq: 17 Jan 2019 23:18

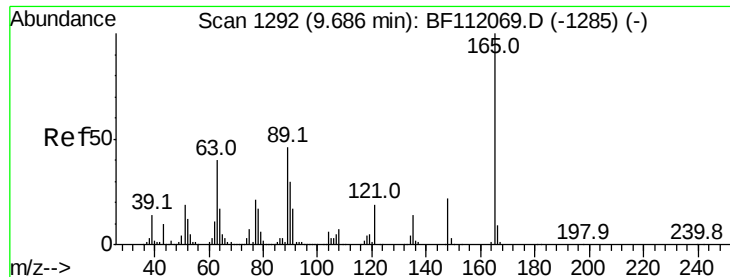
Tgt Ion:163 Resp: 128204

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	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: 8.838 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-S

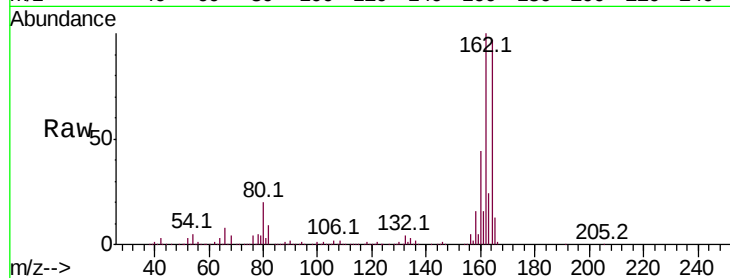
Tot Ion:165 Resp: 66666

Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.8#

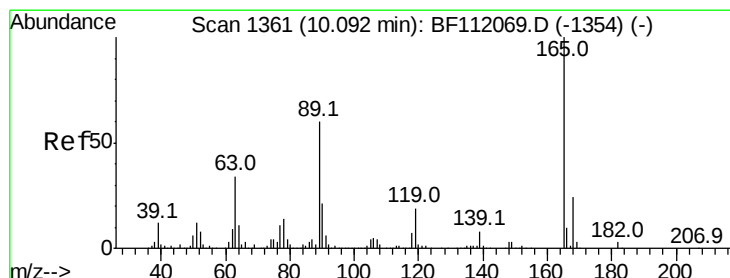
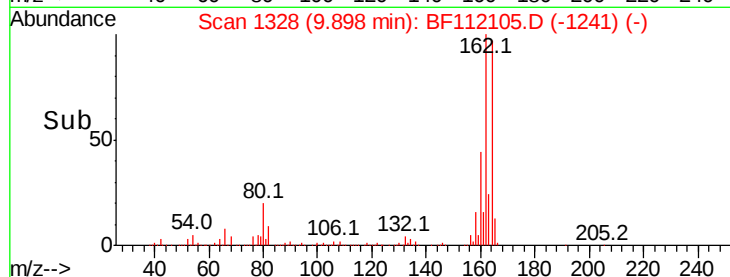
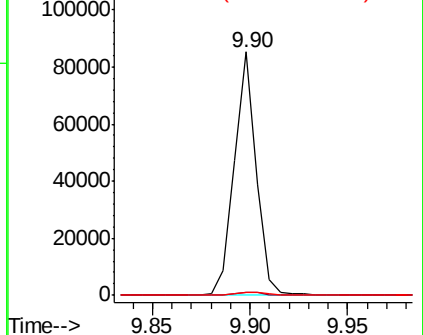
89 1.1 36.9 55.3#



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: 10.809 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.19 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

Tgt Ion:165 Resp: 66666

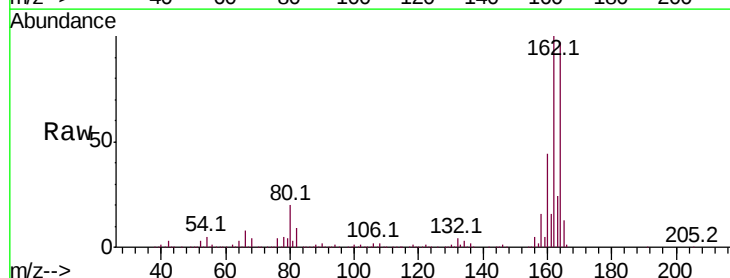
Ion Ratio Lower Upper

165 100

63 1.2 27.9 41.9#

89 1.1 47.9 71.9#

182 0.0 2.2 3.4#

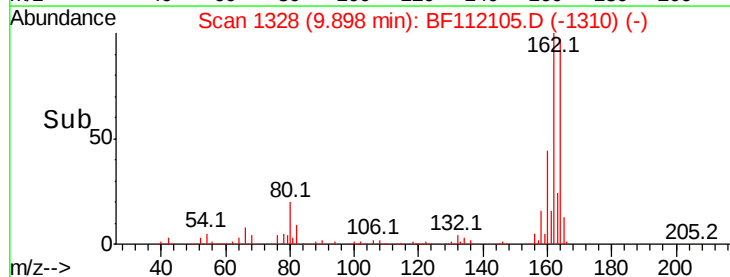
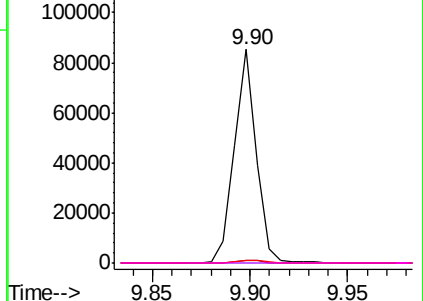


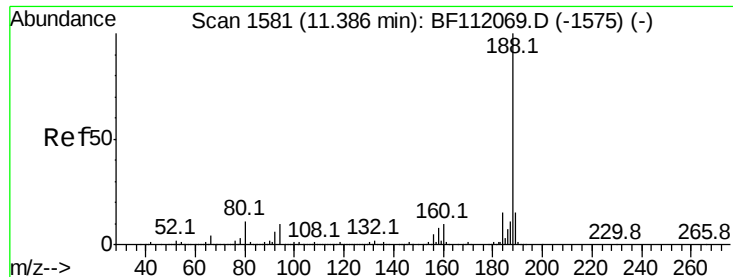
Abundance Ion 165.00 (164.70 to 165.70): E

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

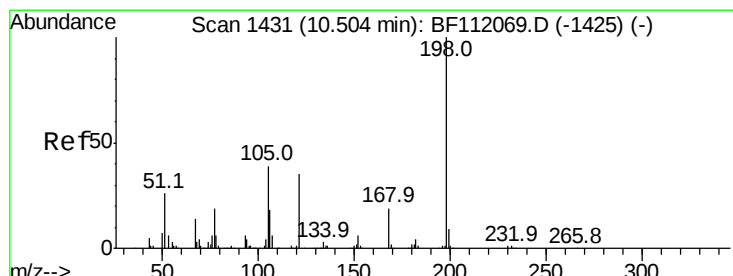
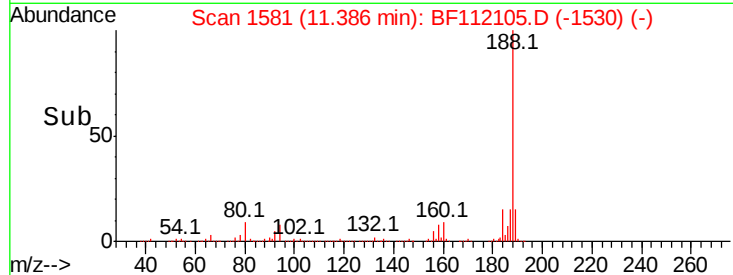
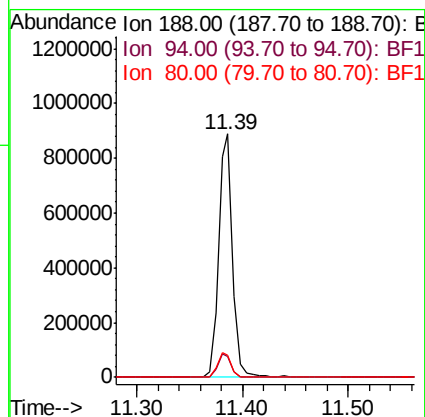
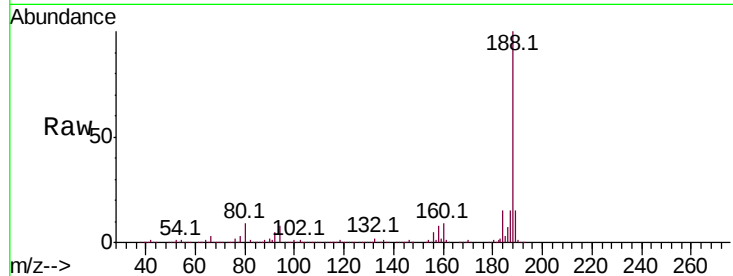




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112105.D
Acq: 17 Jan 2019 23:18

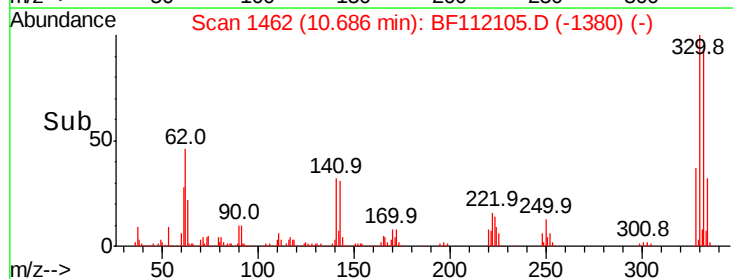
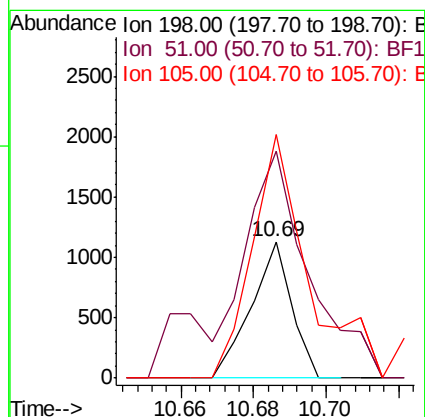
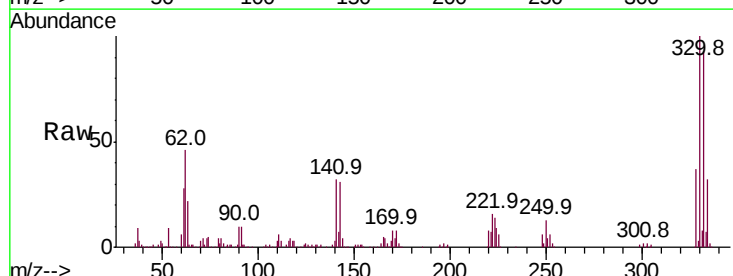
Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-S

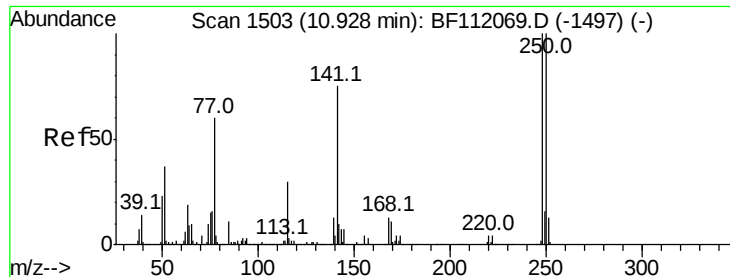
Tot Ion:188 Resp: 830452
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.4 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 10.271 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112105.D
Acq: 17 Jan 2019 23:18

Tgt Ion:198 Resp: 884
Ion Ratio Lower Upper
198 100
51 166.2 17.2 57.2#
105 178.7 21.9 61.9#

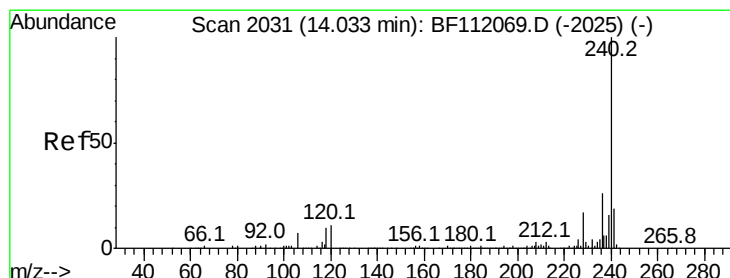
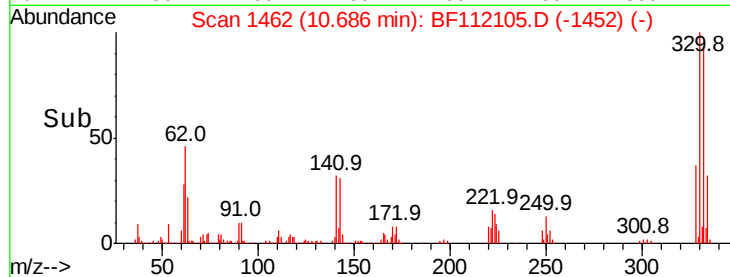
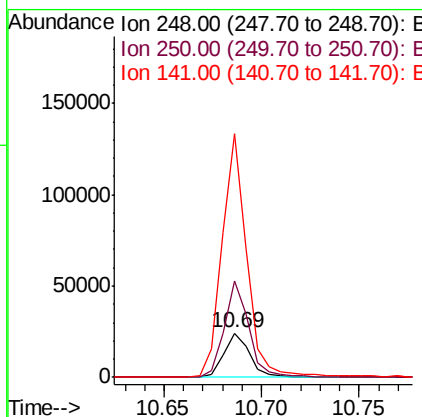
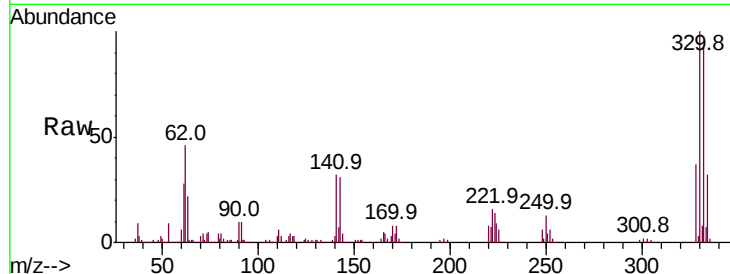




#67
 4-Bromophenyl-phenylether
 Concen: 2.273 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF112105.D
 Acq: 17 Jan 2019 23:18

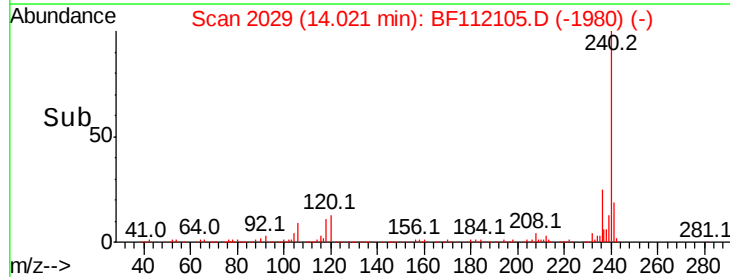
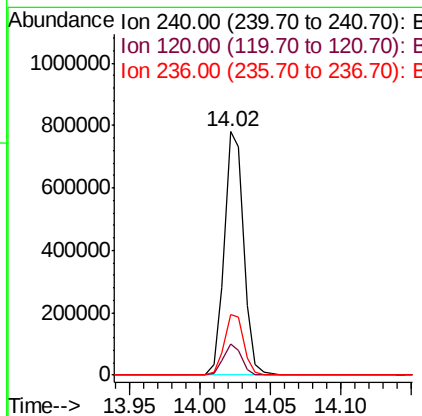
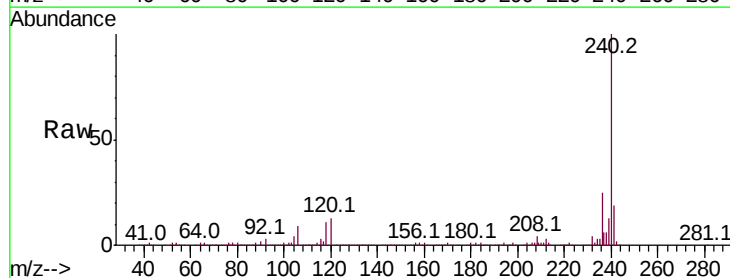
Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-U-S

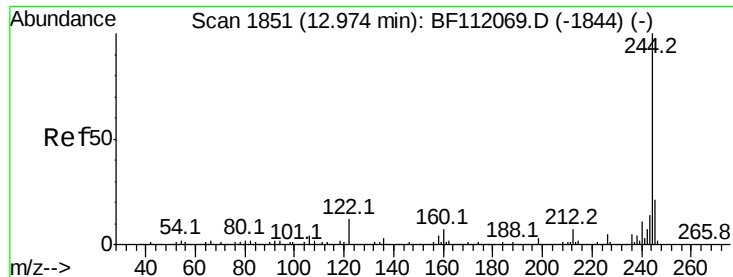
Tot Ion:248 Resp: 21923
 Ion Ratio Lower Upper
 248 100
 250 216.5 79.7 119.5#
 141 548.9 60.3 90.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112105.D
 Acq: 17 Jan 2019 23:18

Tgt Ion:240 Resp: 745621
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.0 13.6
 236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 71.408 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-S

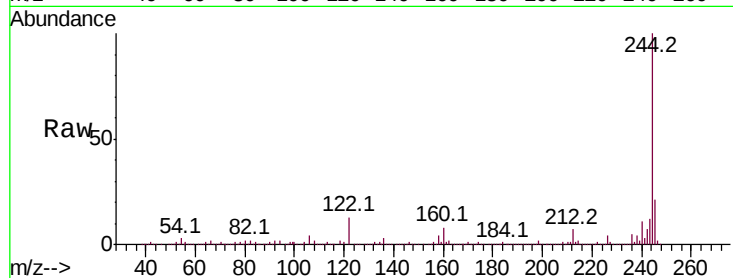
Tot Ion:244 Resp: 2502782

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

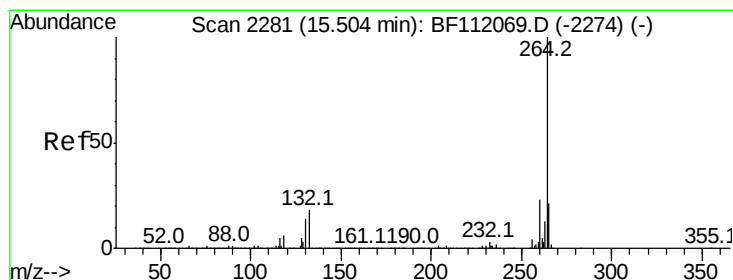
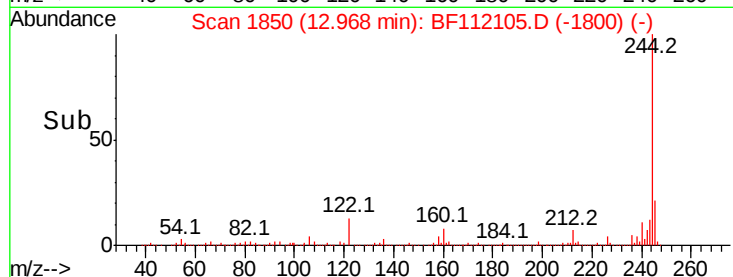
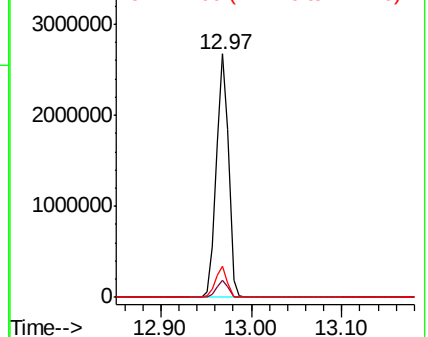
122 12.7 9.8 14.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF112105.D

Acq: 17 Jan 2019 23:18

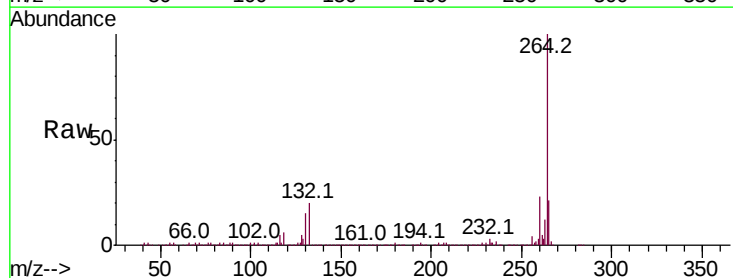
Tgt Ion:264 Resp: 574576

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 21.5 17.0 25.4



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

