

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112102.D
 Acq On : 17 Jan 2019 21:57
 Operator : JU/SJ
 Sample : K1164-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Jan 18 00:11:06 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	282681	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1012648	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	450172	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	736027	20.00	ng	0.00
76) Chrysene-d12	14.02	240	637101	20.00	ng	-0.01
87) Perylene-d12	15.50	264	509869	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	622060	39.94	ng	0.00
7) Phenol-d6	6.50	99	478203	24.54	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1523708	103.96	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	386372	79.56	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2784375	90.68	ng	0.00
79) Terphenyl-d14	12.97	244	2300360	76.81	ng	0.00

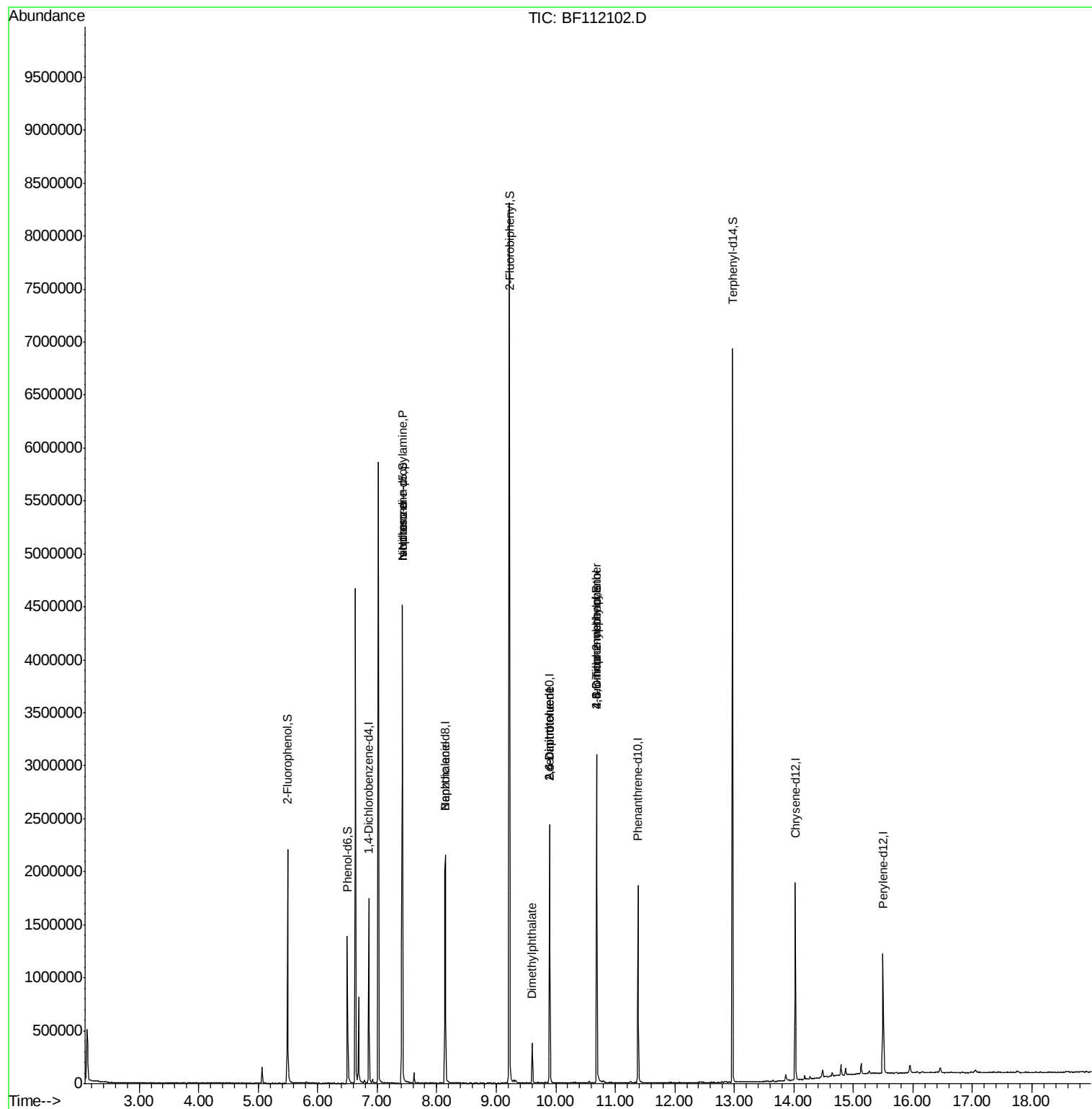
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	932	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.42	70	206715	17.414	ng	# 79
25) Isophorone	7.42	82	1523691	53.820	ng	# 64
32) Benzoic acid	8.15	122	107	7.187	ng	# 1
50) Dimethylphthalate	9.60	163	160436	4.887	ng	98
51) 2,6-Dinitrotoluene	9.90	165	57262	8.734	ng	# 34
57) 2,4-Dinitrotoluene	9.90	165	57262	10.736	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.69	198	777	10.270	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	22337	2.613	ng	# 1

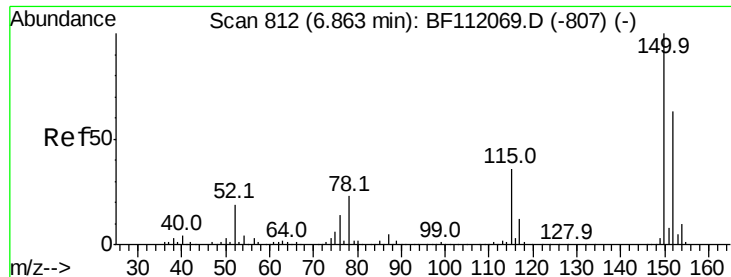
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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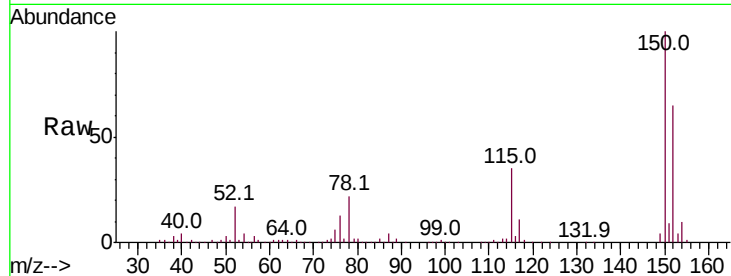


#1

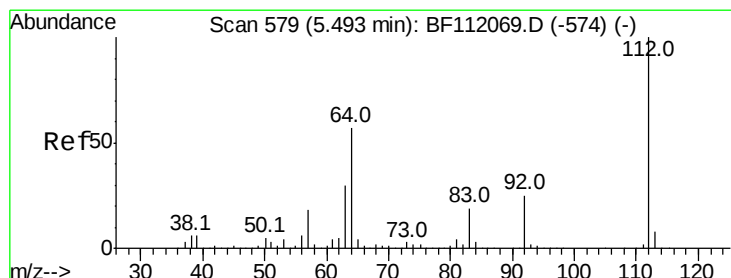
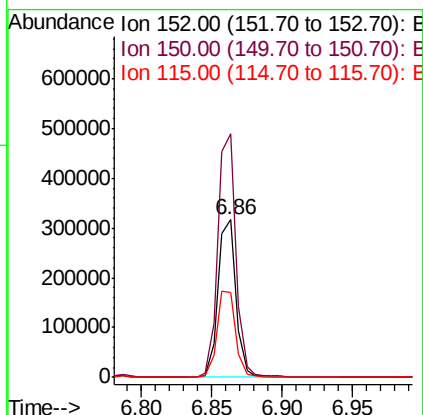
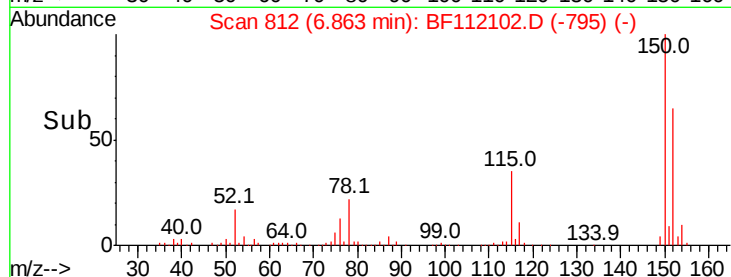
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF112102.D
Acq: 17 Jan 2019 21:57

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

Tot Ion:152 Resp: 282681
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 54.0 45.5 68.3



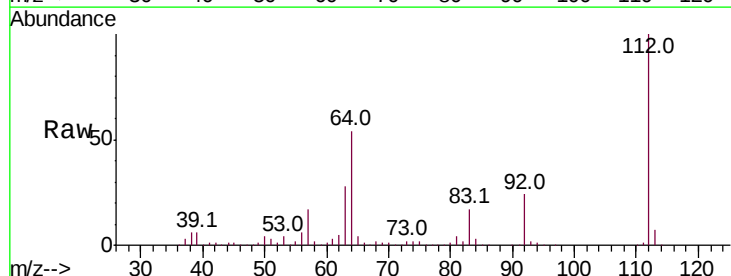
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



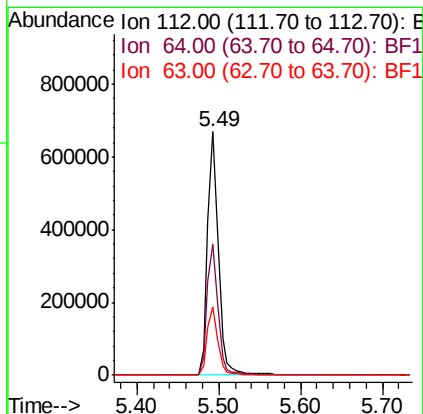
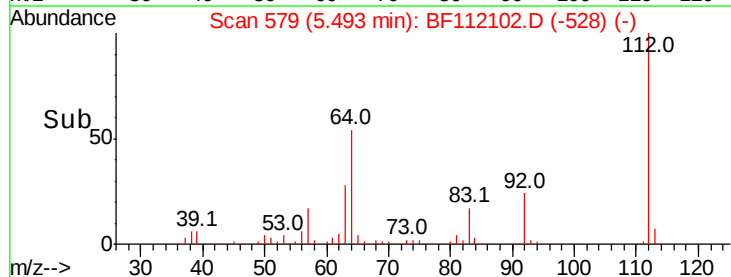
#5

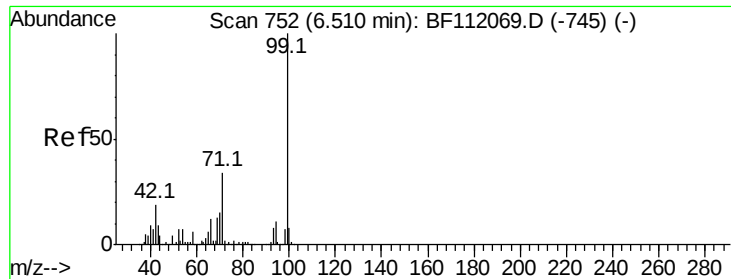
2-Fluorophenol
Concen: 39.941 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112102.D
Acq: 17 Jan 2019 21:57

Tgt Ion:112 Resp: 622060
Ion Ratio Lower Upper
112 100
64 53.8 45.7 68.5
63 28.2 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: 24.541 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112102.D

Acq: 17 Jan 2019 21:57

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-S

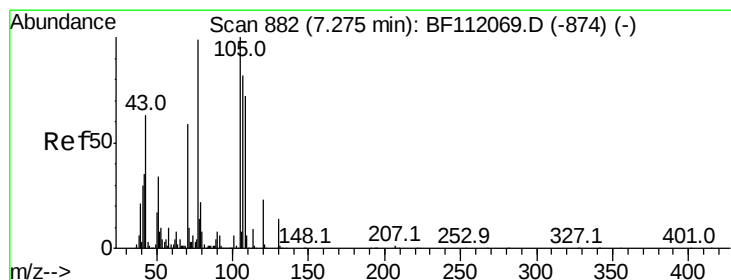
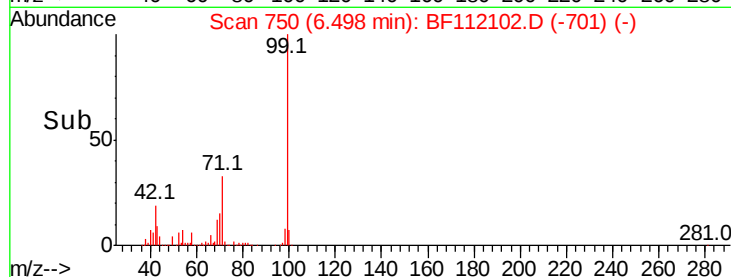
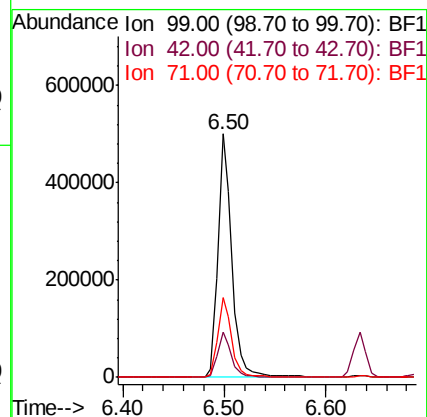
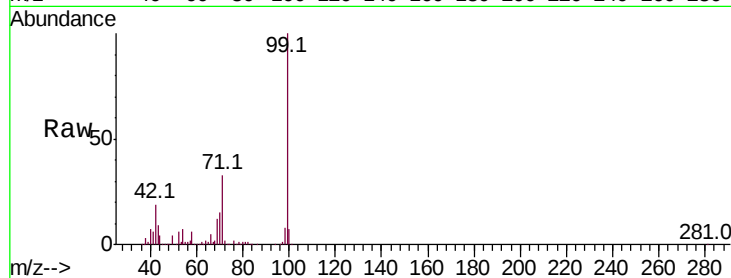
Tot Ion: 99 Resp: 478203

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

71 32.9 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.414 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF112102.D

Acq: 17 Jan 2019 21:57

Tgt Ion: 70 Resp: 206715

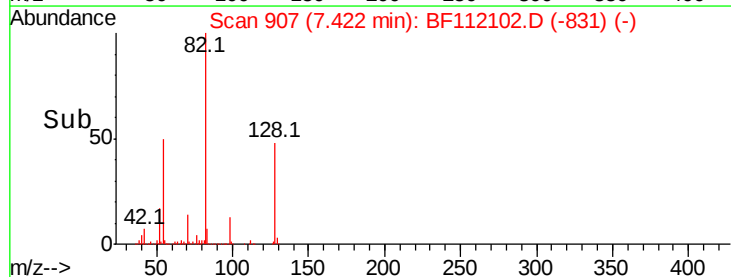
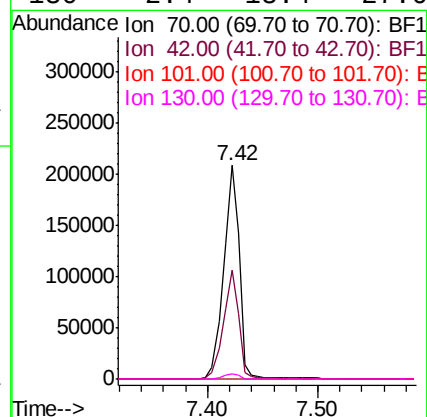
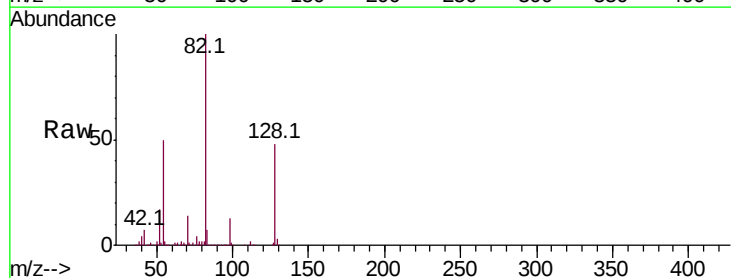
Ion Ratio Lower Upper

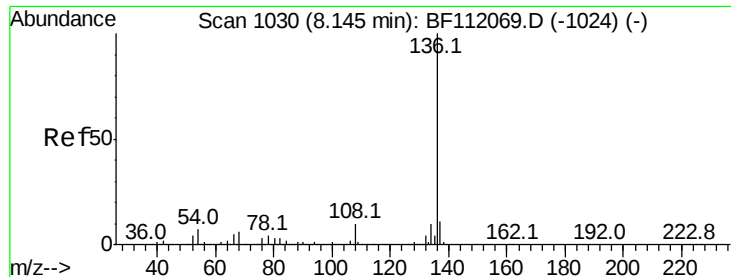
70 100

42 51.0 47.6 71.4

101 0.0 7.9 11.9#

130 2.4 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF112102.D

Acq: 17 Jan 2019 21:57

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-S

Tot Ion:136 Resp: 1012648

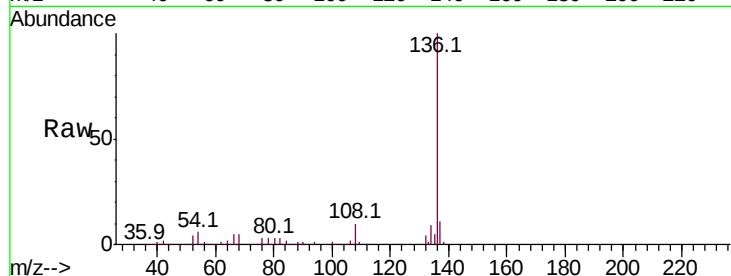
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.5 5.9 8.9

68 5.4 5.1 7.7

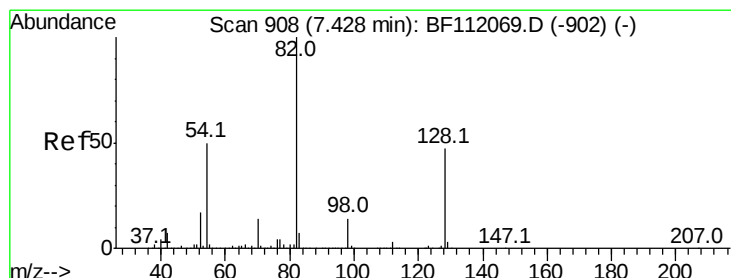
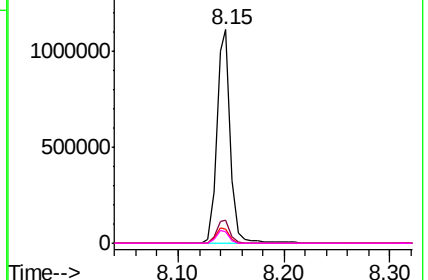
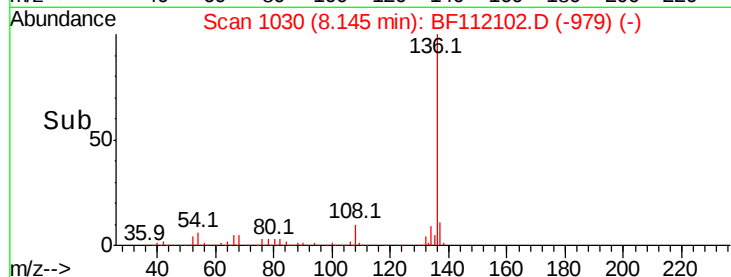


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.957 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112102.D

Acq: 17 Jan 2019 21:57

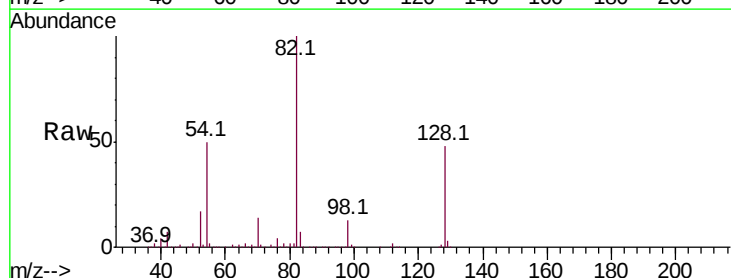
Tgt Ion: 82 Resp: 1523708

Ion Ratio Lower Upper

82 100

128 48.4 37.8 56.8

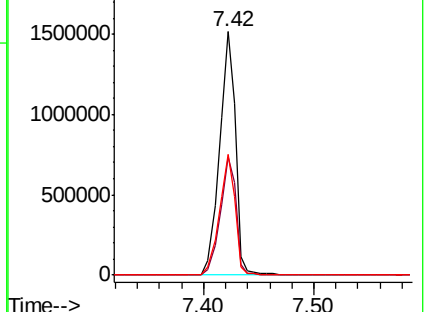
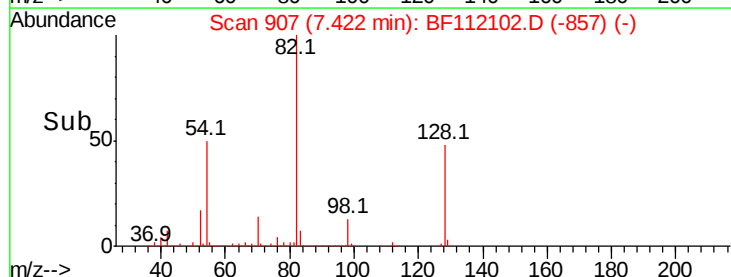
54 49.5 39.7 59.5

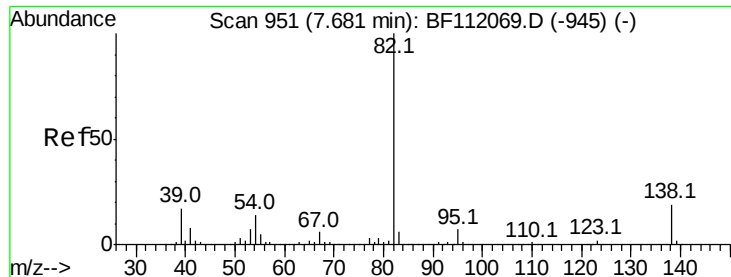


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.820 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF112102.D

Acq: 17 Jan 2019 21:57

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-S

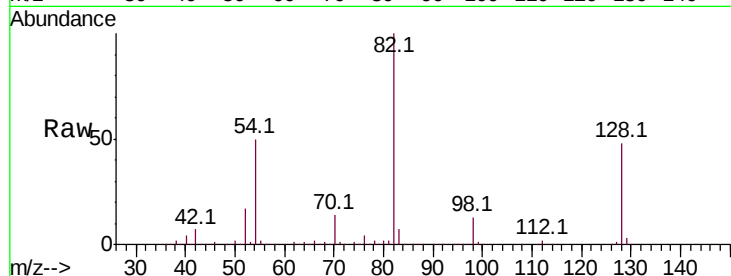
Tot Ion: 82 Resp: 1523691

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

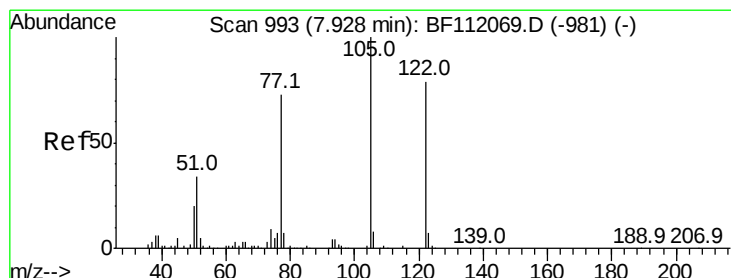
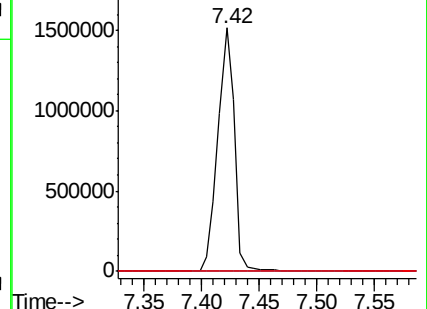
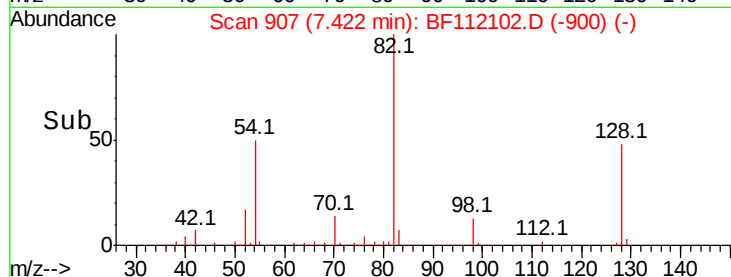
138 0.0 15.4 23.0#



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: 7.187 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.22 min

Lab File: BF112102.D

Acq: 17 Jan 2019 21:57

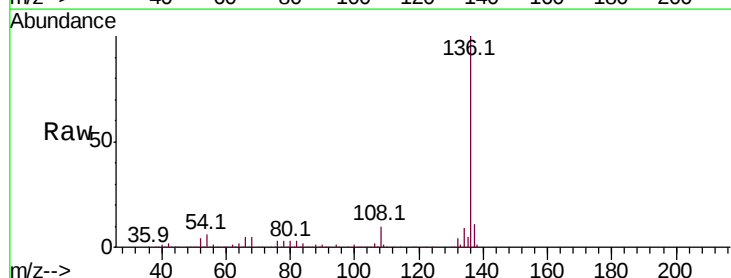
Tgt Ion:122 Resp: 107

Ion Ratio Lower Upper

122 100

105 445.4 101.2 141.2#

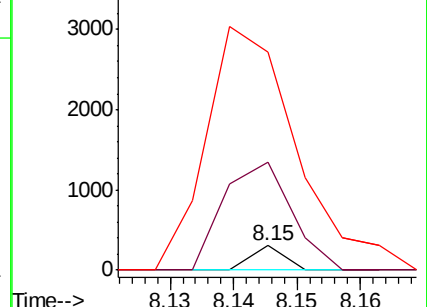
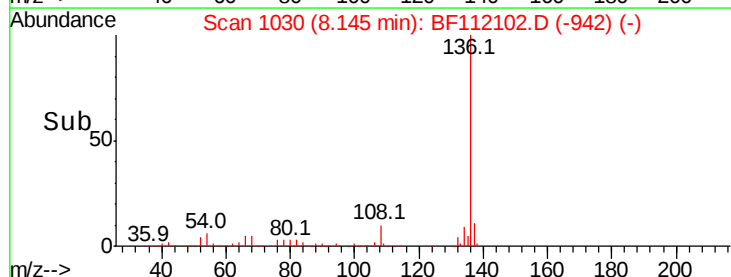
77 892.8 70.4 110.4#

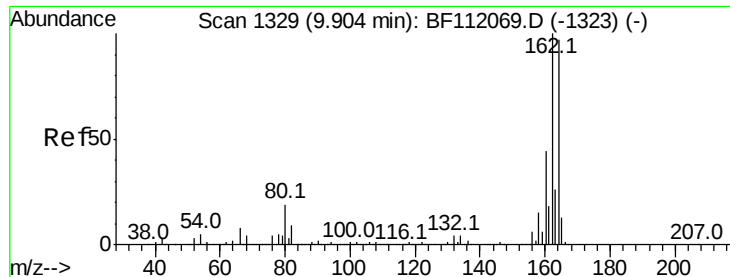


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

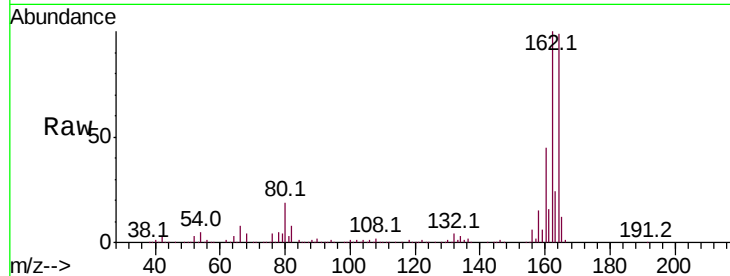




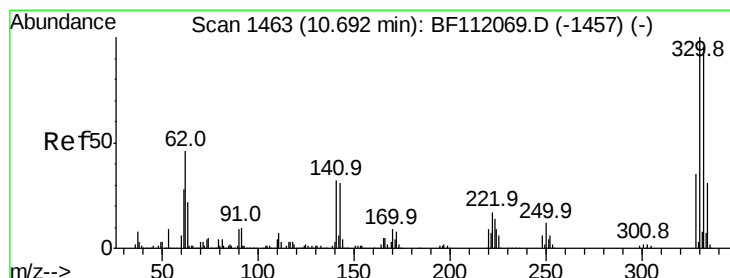
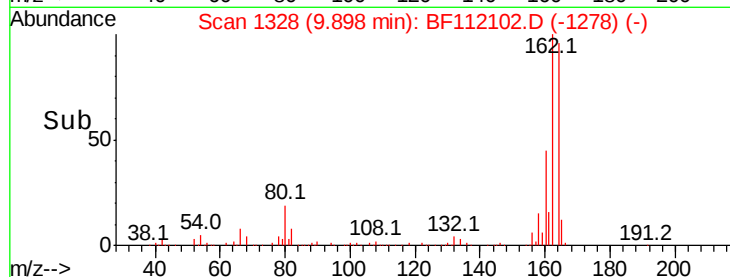
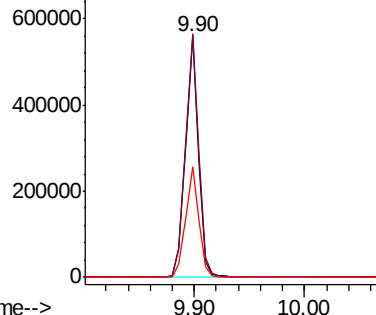
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF112102.D
 Acq: 17 Jan 2019 21:57

Instrument :
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 011519-BLST-E-D-S

Tot Ion:	164	Resp:	450172
Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.4
160	45.7	36.2	54.4

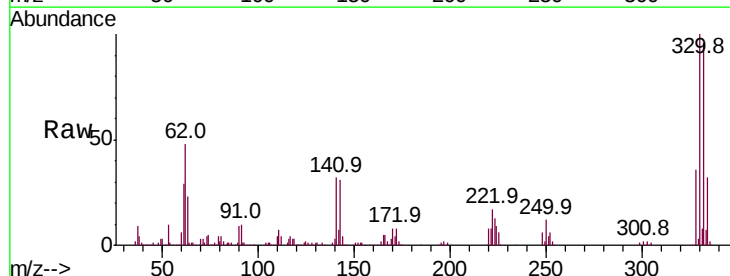


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

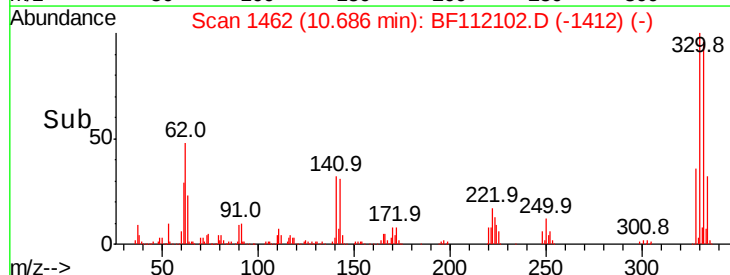
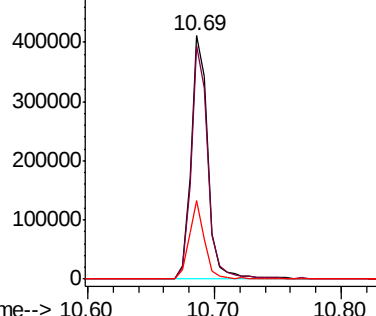


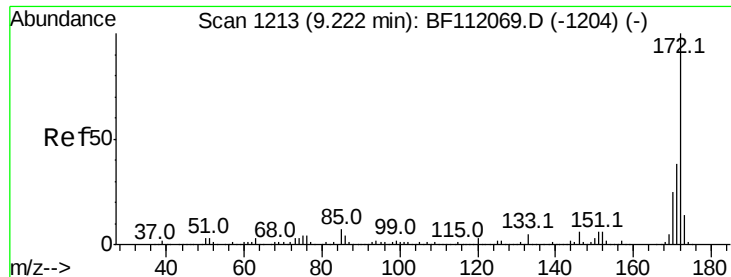
#42
 2,4,6-Tribromophenol
 Concen: 79.560 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112102.D
 Acq: 17 Jan 2019 21:57

Tgt Ion:	330	Resp:	386372
Ion	Ratio	Lower	Upper
330	100		
332	95.1	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



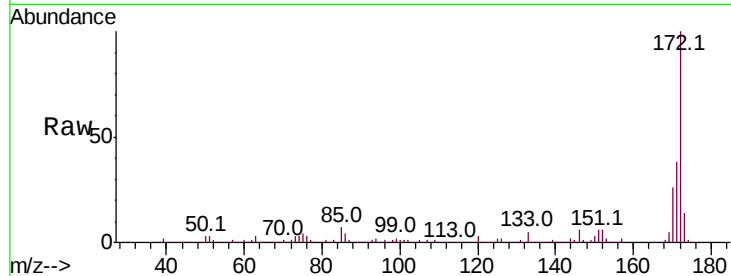


#45
2-Fluorobiphenyl
Concen: 90.681 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF112102.D
Acq: 17 Jan 2019 21:57

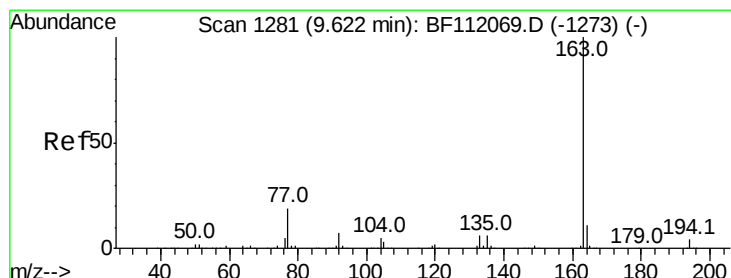
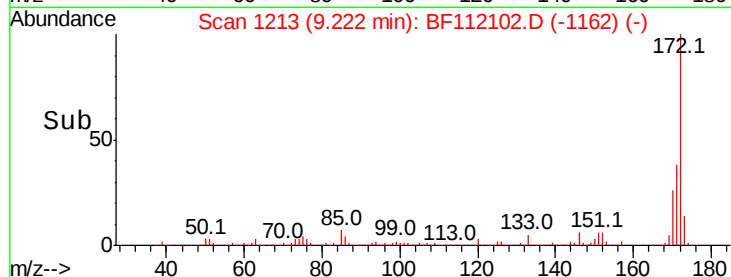
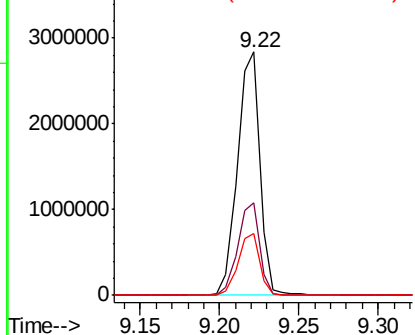
Instrument :
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011519-BLST-E-D-S

Tot Ion:172 Resp: 2784375

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.6	20.2	30.4



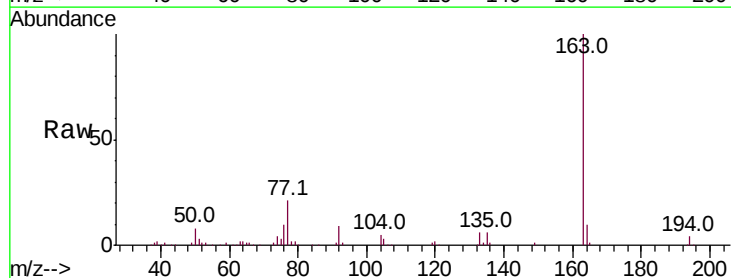
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



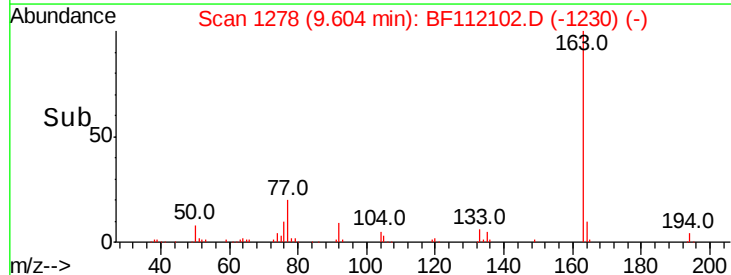
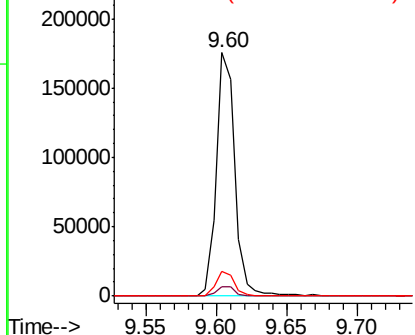
#50
Dimethylphthalate
Concen: 4.887 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112102.D
Acq: 17 Jan 2019 21:57

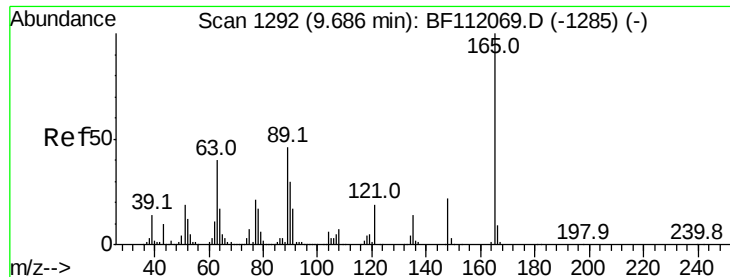
Tgt Ion:163 Resp: 160436

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.9	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

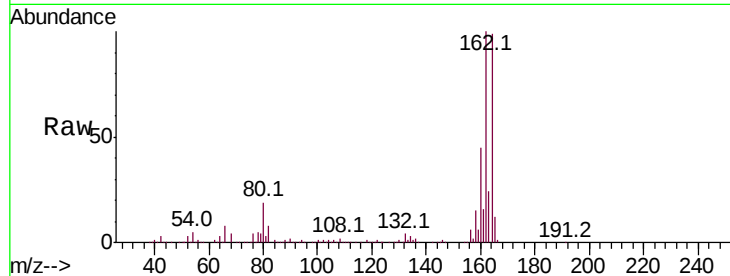




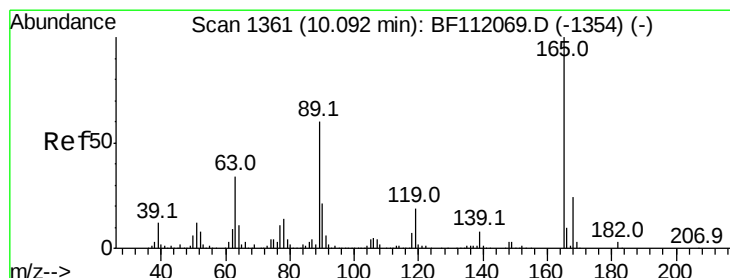
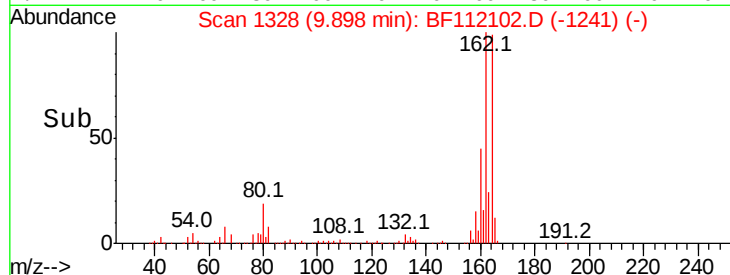
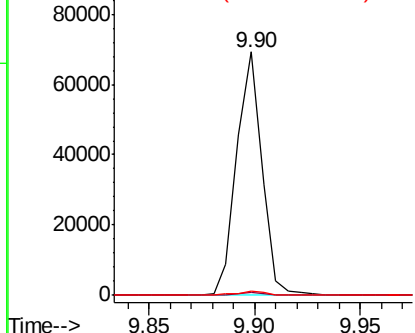
#51
 2,6-Dinitrotoluene
 Concen: 8.734 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF112102.D
 Acq: 17 Jan 2019 21:57

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.8	50.8#
89	1.5	36.9	55.3#



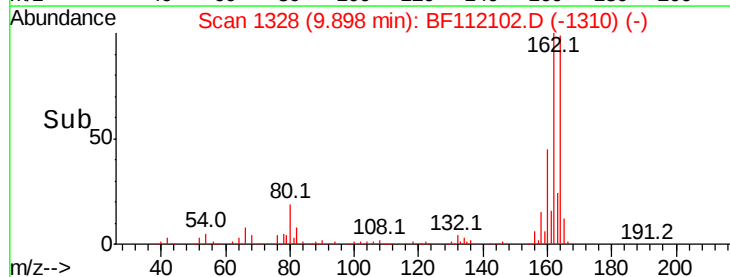
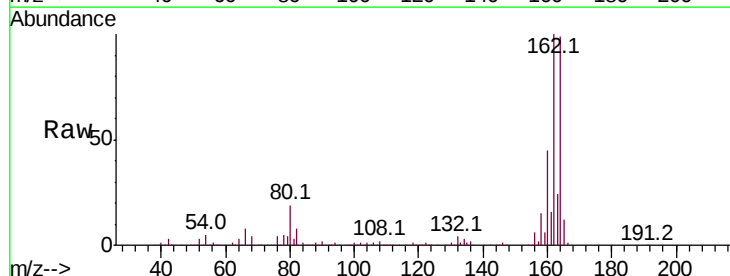
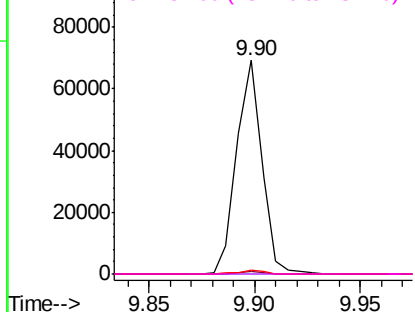
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

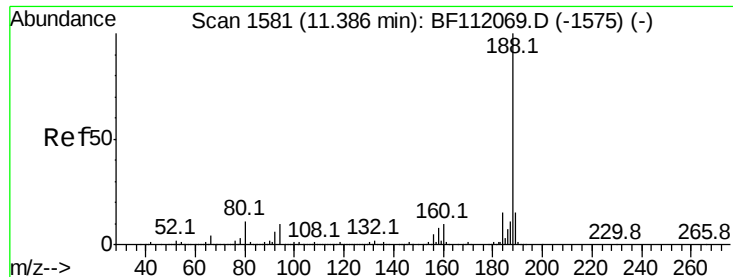


#57
 2,4-Dinitrotoluene
 Concen: 10.736 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF112102.D
 Acq: 17 Jan 2019 21:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	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

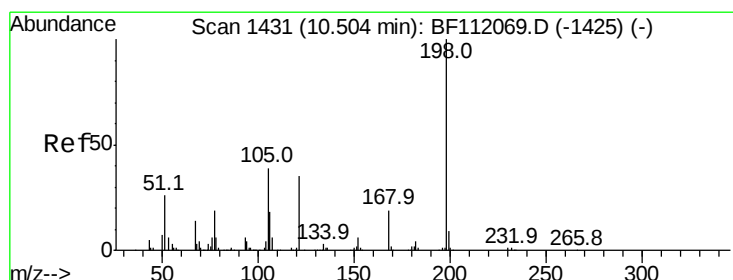
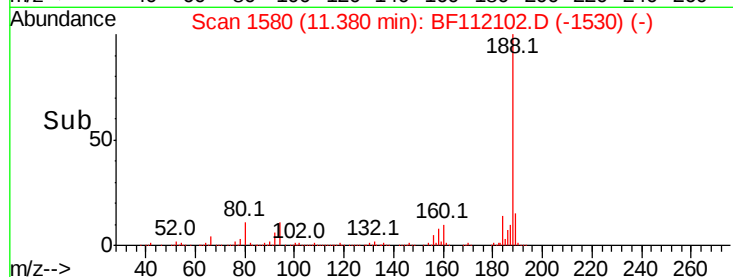
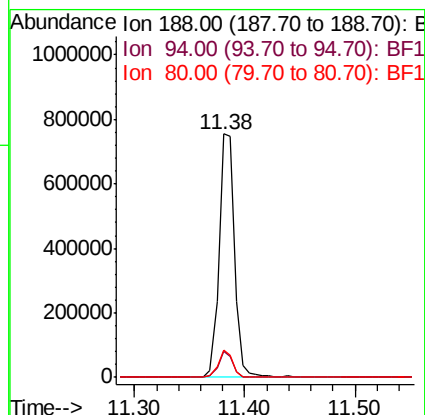
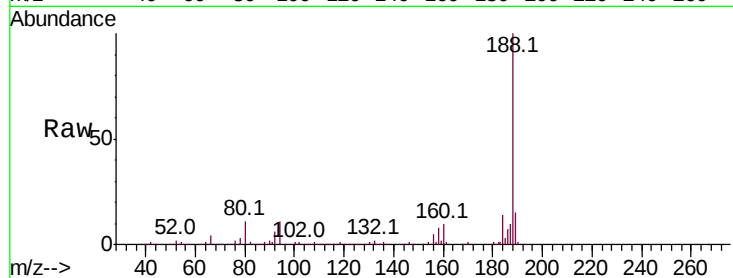




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112102.D
Acq: 17 Jan 2019 21:57

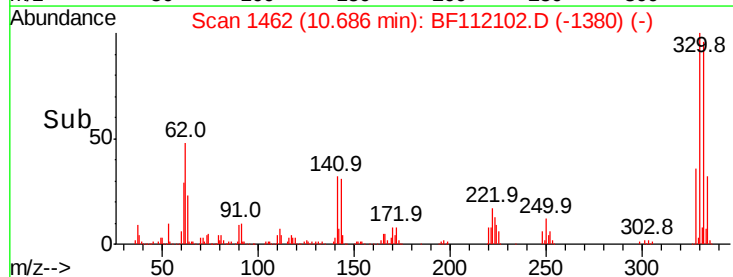
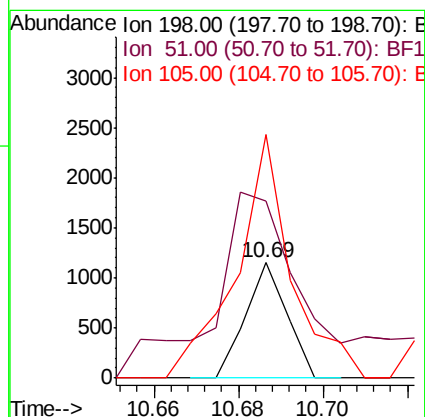
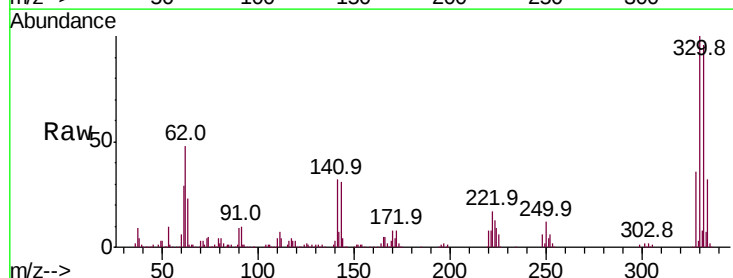
Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-D-S

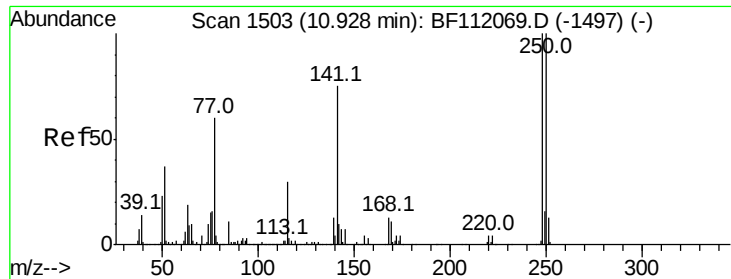
Tot Ion:188 Resp: 736027
Ion Ratio Lower Upper
188 100
94 10.9 8.2 12.2
80 11.0 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 10.270 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112102.D
Acq: 17 Jan 2019 21:57

Tgt Ion:198 Resp: 777
Ion Ratio Lower Upper
198 100
51 153.7 17.2 57.2#
105 211.8 21.9 61.9#

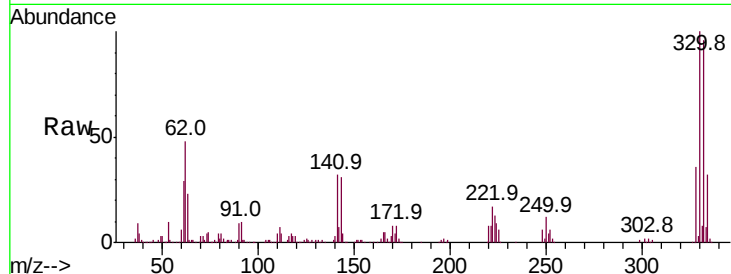




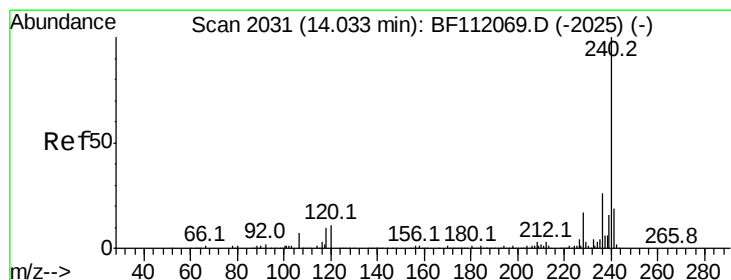
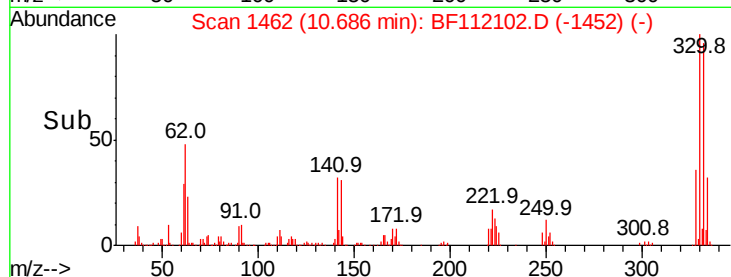
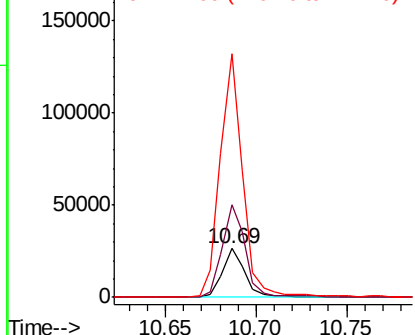
#67
4-Bromophenyl-phenylether
Concen: 2.613 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112102.D
Acq: 17 Jan 2019 21:57

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

Tot Ion:248 Resp: 22337
Ion Ratio Lower Upper
248 100
250 190.9 79.7 119.5#
141 501.7 60.3 90.5#

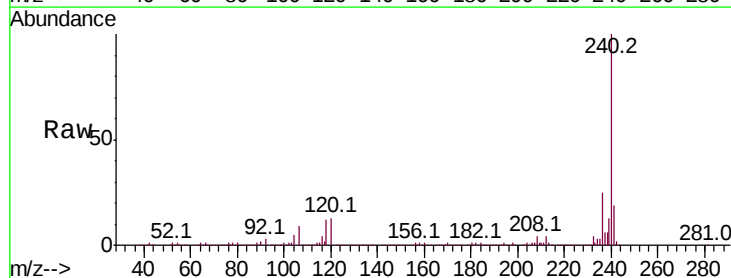


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

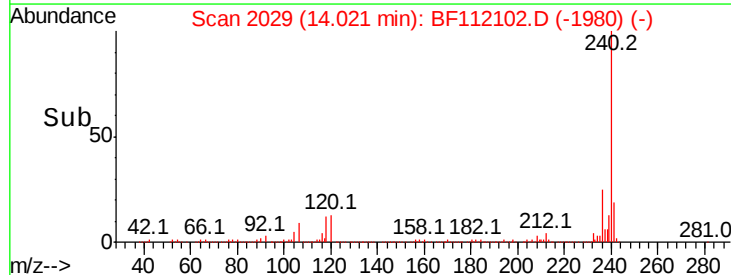
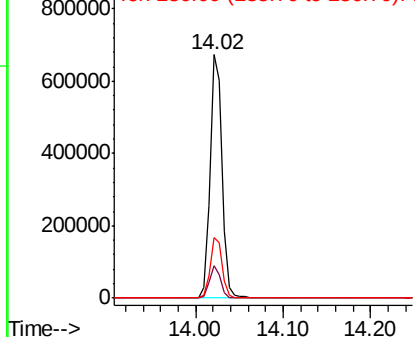


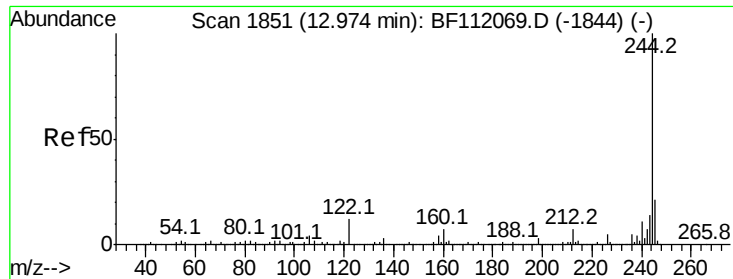
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112102.D
Acq: 17 Jan 2019 21:57

Tgt Ion:240 Resp: 637101
Ion Ratio Lower Upper
240 100
120 13.3 9.0 13.6
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

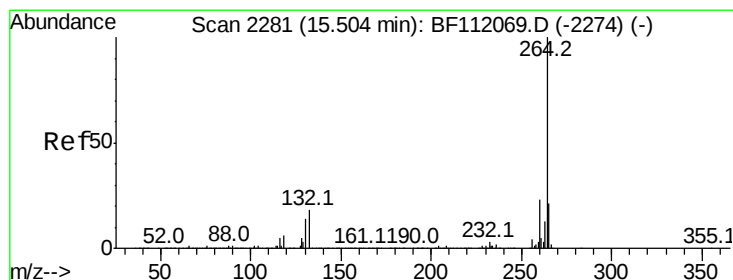
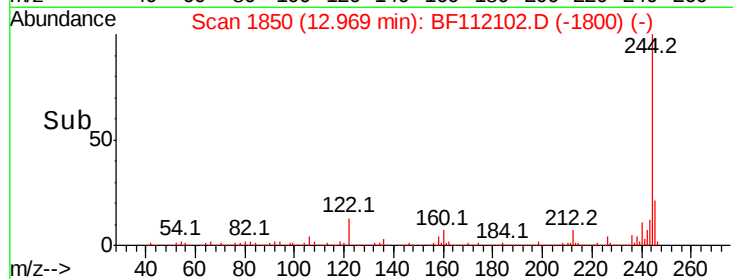
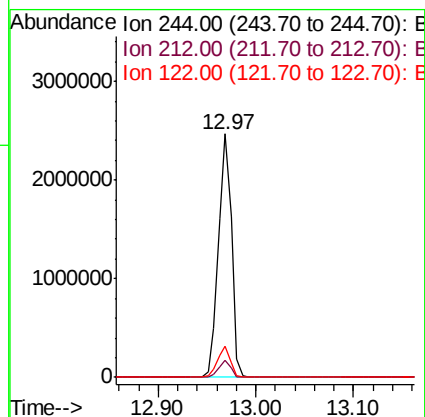
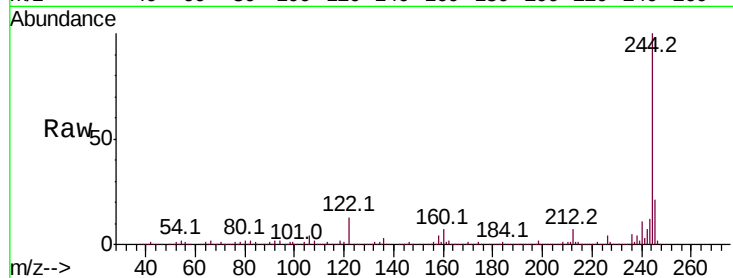




#79
 Terphenyl-d14
 Concen: 76.812 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF112102.D
 Acq: 17 Jan 2019 21:57

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

Tot Ion:244 Resp: 2300360
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.7 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF112102.D
 Acq: 17 Jan 2019 21:57

Tgt Ion:264 Resp: 509869
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.6 17.0 25.4

