

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112101.D
 Acq On : 17 Jan 2019 21:30
 Operator : JU/SJ
 Sample : K1164-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jan 18 00:10:52 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	296058	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1053754	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	458264	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	743214	20.00	ng	0.00
76) Chrysene-d12	14.03	240	648948	20.00	ng	0.00
87) Perylene-d12	15.50	264	517155	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	653729	40.08	ng	0.00
7) Phenol-d6	6.50	99	500317	24.52	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1599281	104.86	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	401139	81.14	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2859583	91.49	ng	0.00
79) Terphenyl-d14	12.97	244	2339883	76.71	ng	0.00

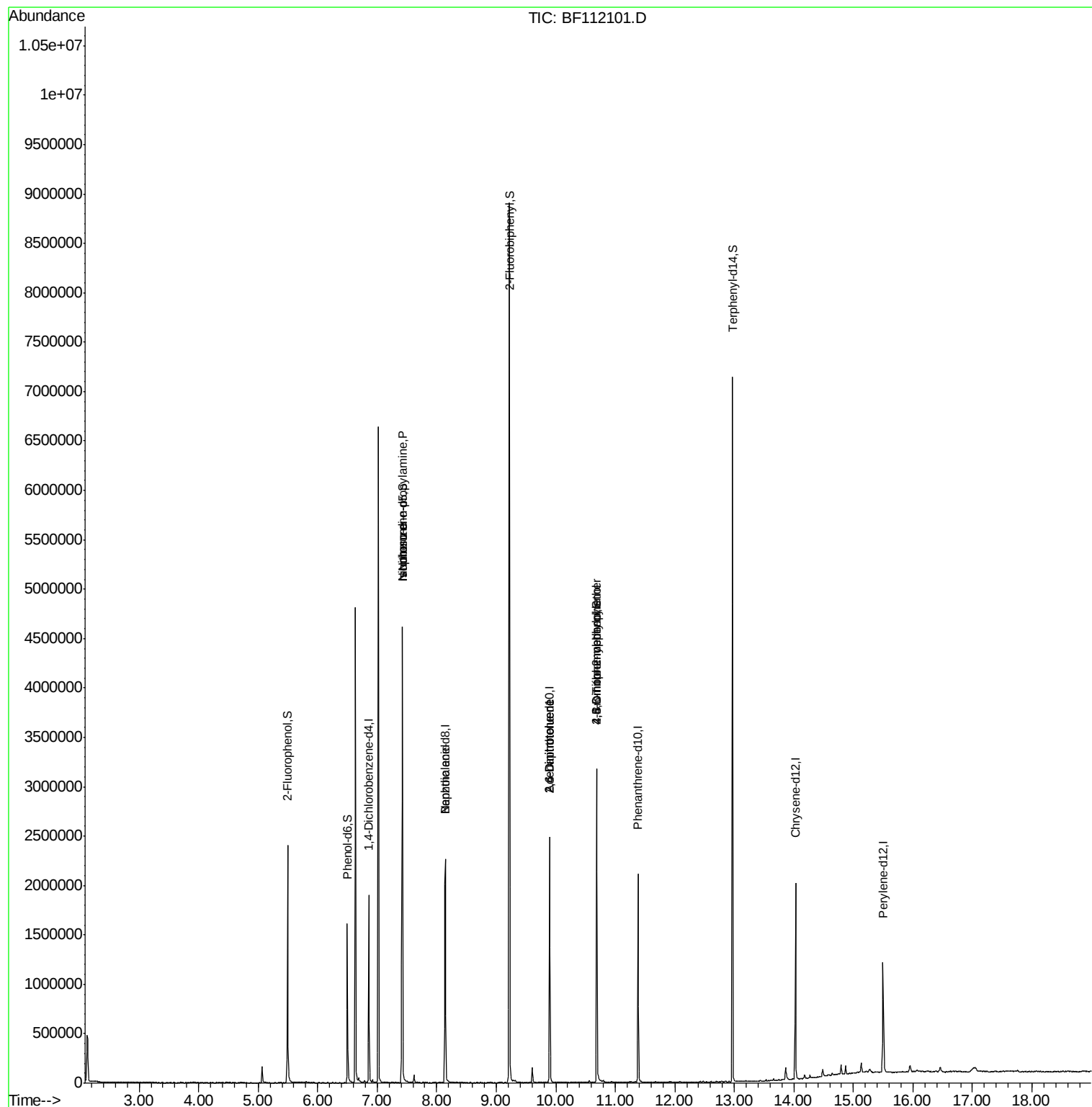
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	951	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	219076	17.621	ng	# 78
25) Isophorone	7.42	82	1599269	54.286	ng	# 64
32) Benzoic acid	8.15	122	256	7.213	ng	# 1
51) 2,6-Dinitrotoluene	9.90	165	58834	8.815	ng	# 34
57) 2,4-Dinitrotoluene	9.90	165	58834	10.793	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.69	198	750	10.261	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	22161	2.567	ng	# 1

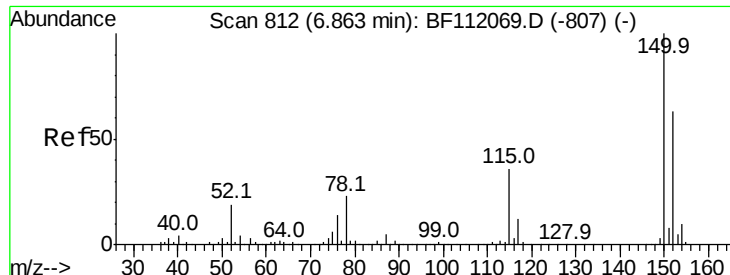
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112101.D
Acq On : 17 Jan 2019 21:30
Operator : JU/SJ
Sample : K1164-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jan 18 00:10:52 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



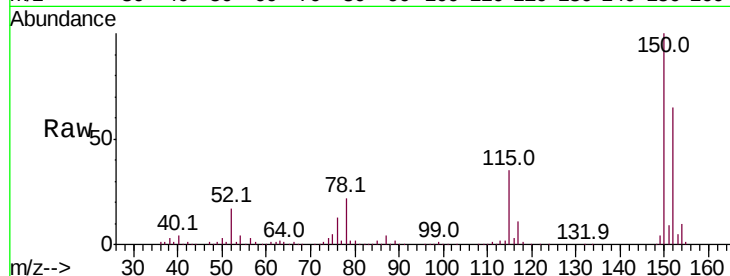


#1

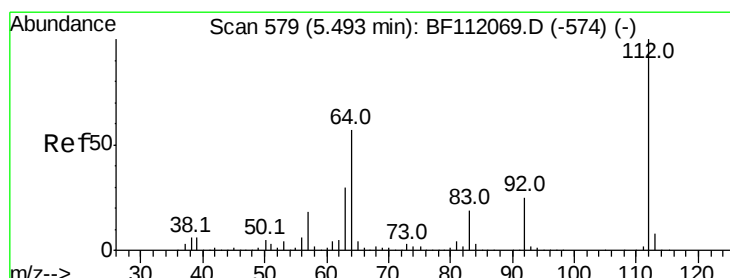
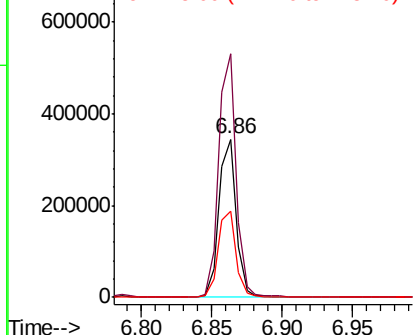
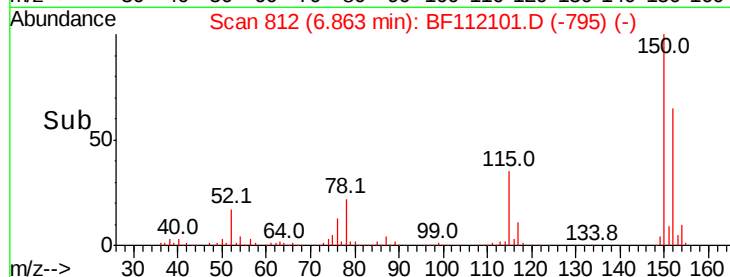
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

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

Tot Ion:152 Resp: 296058
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.0
115 54.0 45.5 68.3



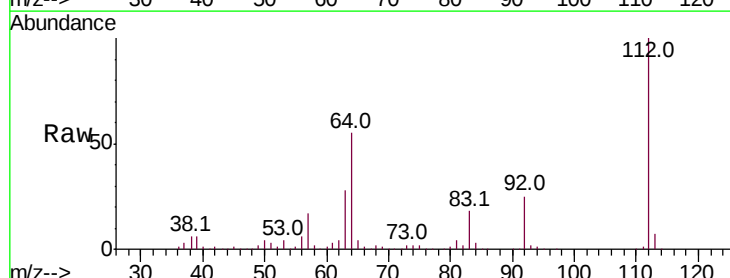
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



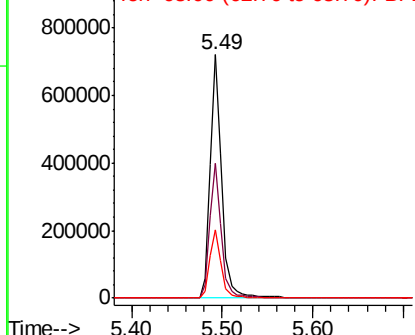
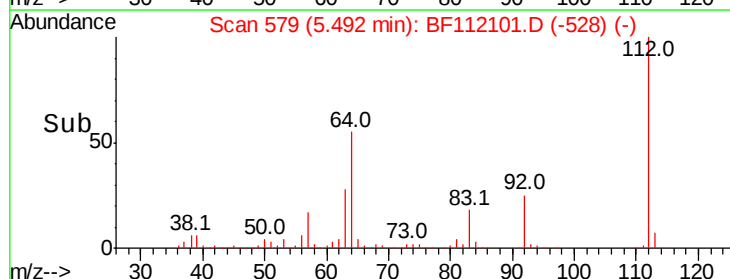
#5

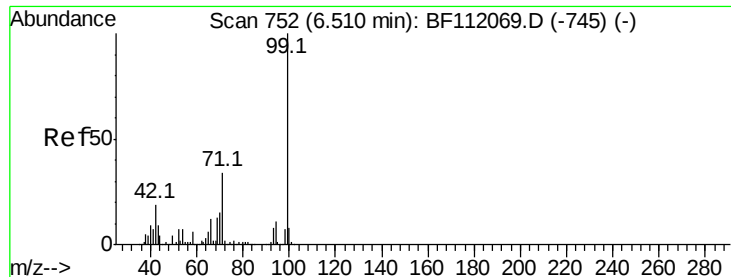
2-Fluorophenol
Concen: 40.078 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

Tgt Ion:112 Resp: 653729
Ion Ratio Lower Upper
112 100
64 55.2 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: 24.516 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-M

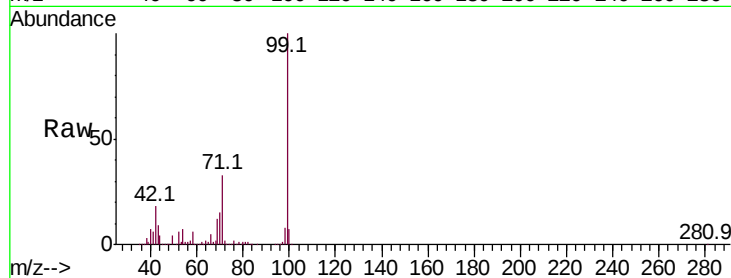
Tot Ion: 99 Resp: 500317

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

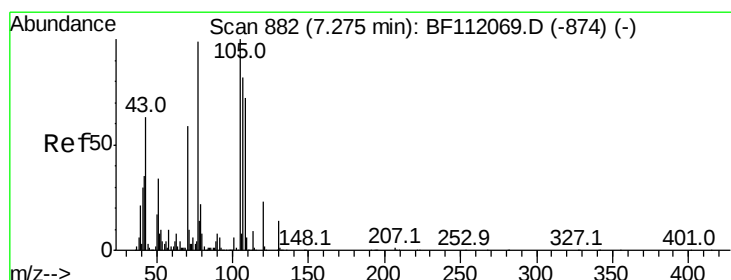
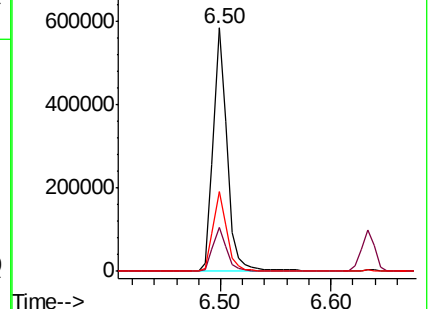
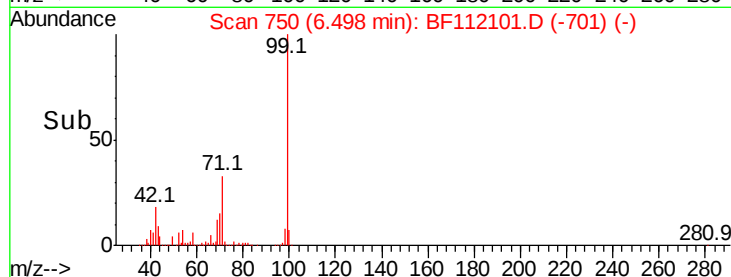
71 32.7 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.621 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

Tgt Ion: 70 Resp: 219076

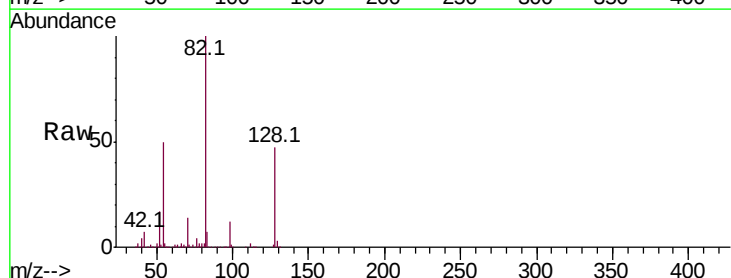
Ion Ratio Lower Upper

70 100

42 49.6 47.6 71.4

101 0.0 7.9 11.9#

130 2.6 18.4 27.6#

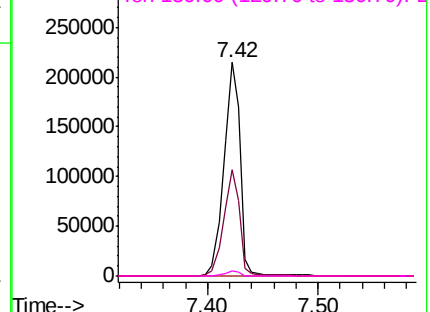
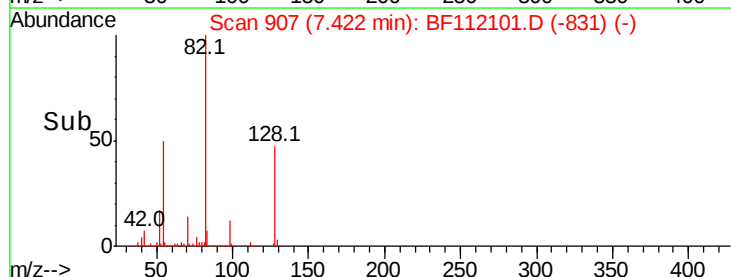


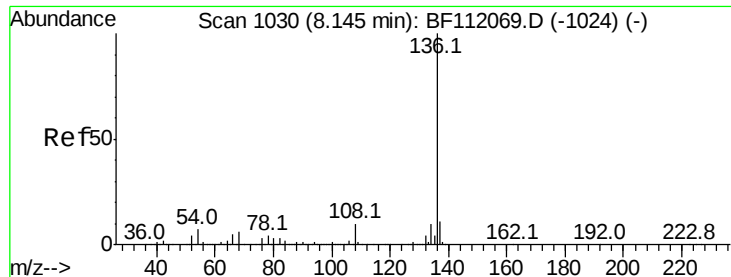
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF112101.D

Acq: 17 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-M

Tot Ion:136 Resp: 1053754

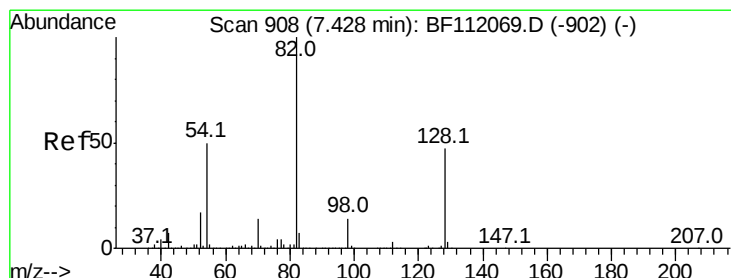
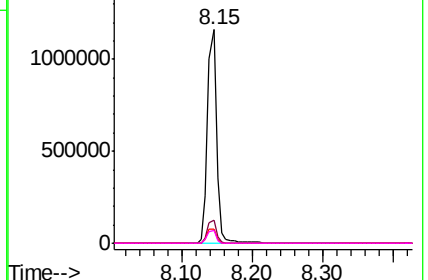
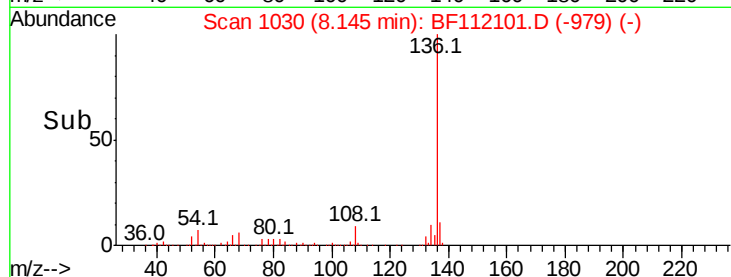
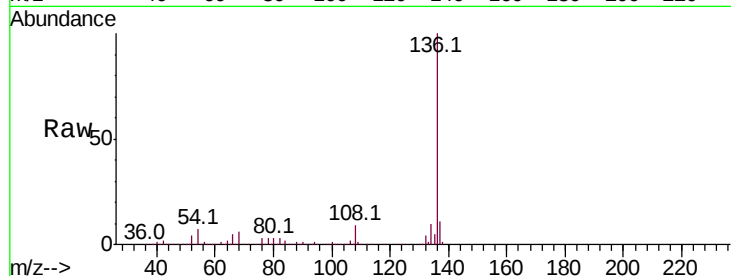
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	5.9	8.9
68	6.0	5.1	7.7

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: 104.856 ng

RT: 7.42 min Scan# 907

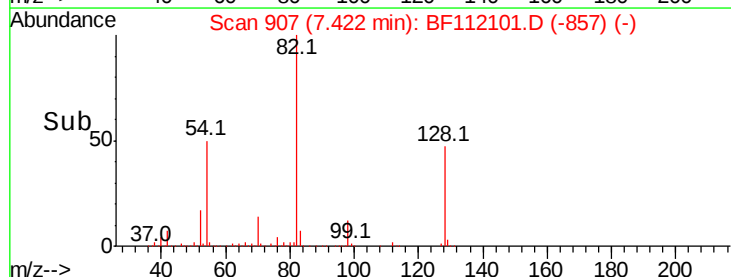
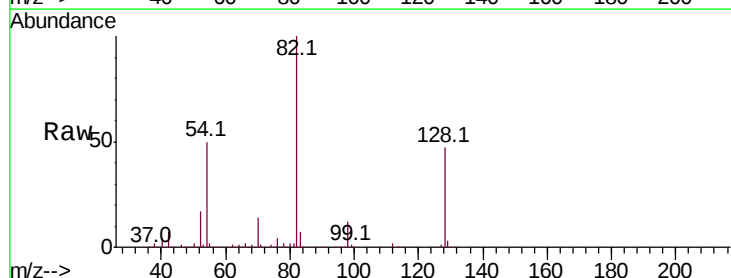
Delta R.T. -0.01 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

Tgt Ion: 82 Resp: 1599281

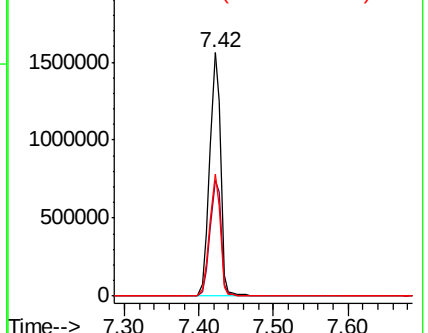
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.8	56.8
54	50.0	39.7	59.5

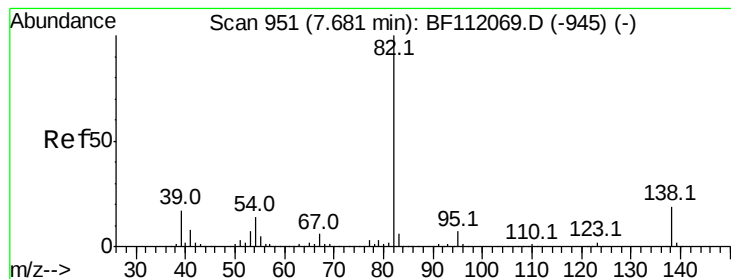


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 54.286 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-M

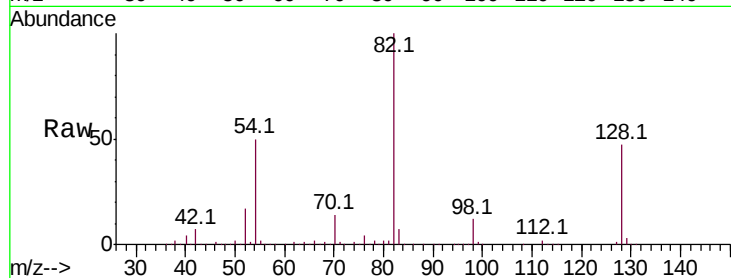
Tot Ion: 82 Resp: 1599269

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

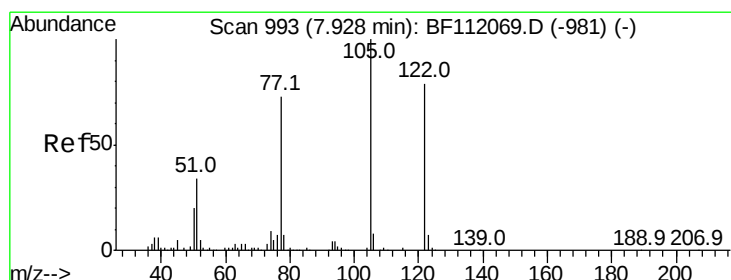
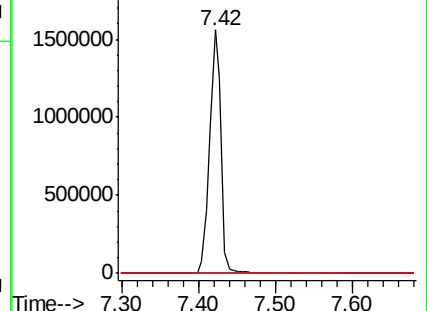
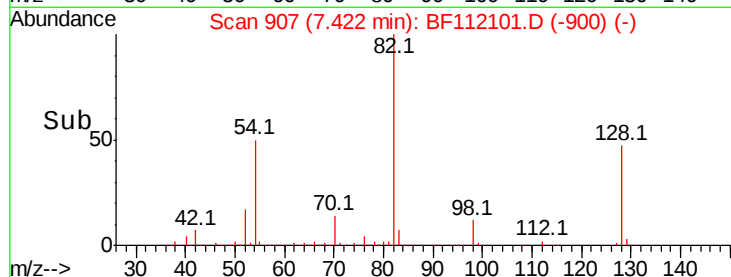
138 0.0 15.4 23.0#



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: 7.213 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.22 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

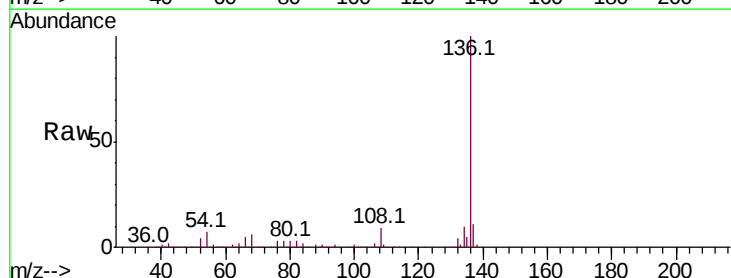
Tgt Ion:122 Resp: 256

Ion Ratio Lower Upper

122 100

105 239.3 101.2 141.2#

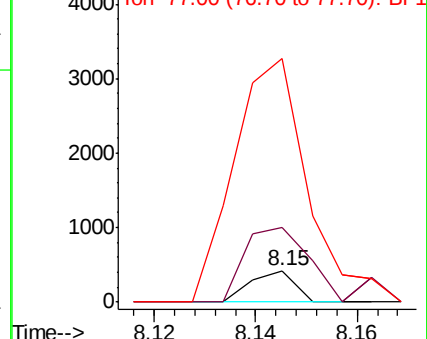
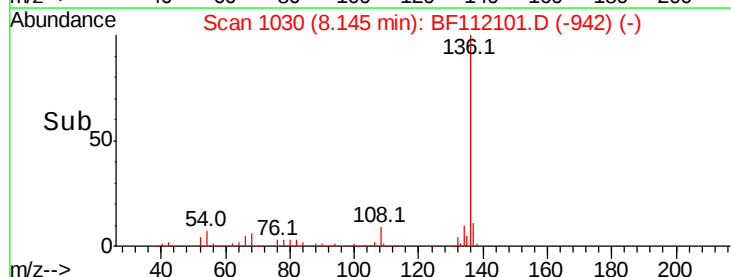
77 778.1 70.4 110.4#

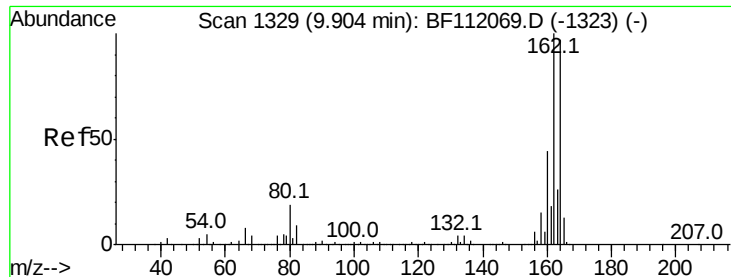


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

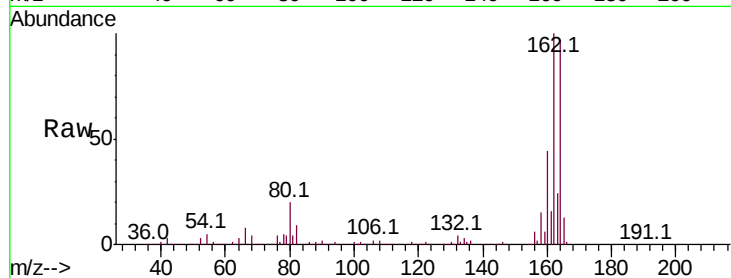




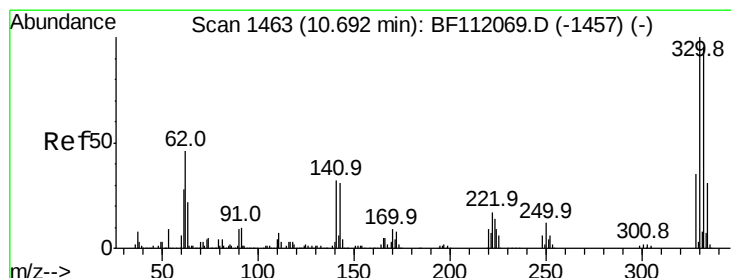
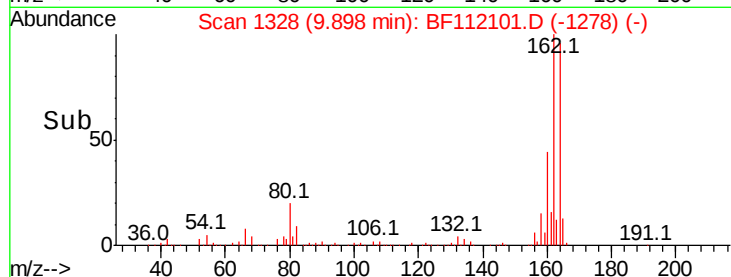
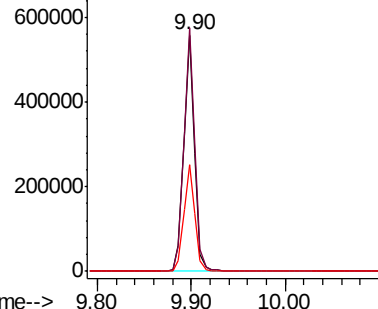
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF112101.D
 Acq: 17 Jan 2019 21:30

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

Tot Ion:164 Resp: 458264
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.2 123.4
 160 45.1 36.2 54.4

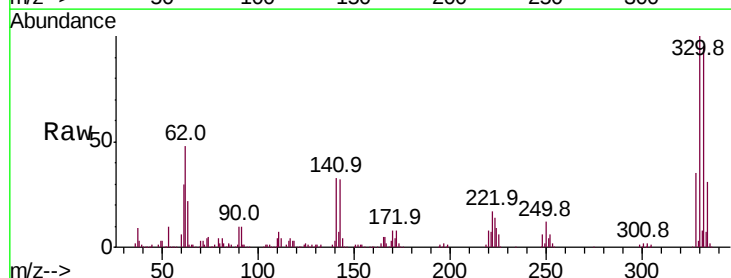


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

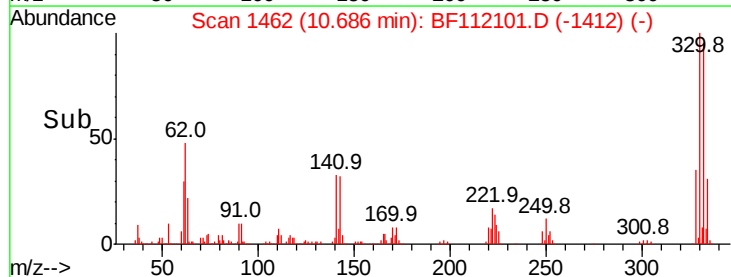
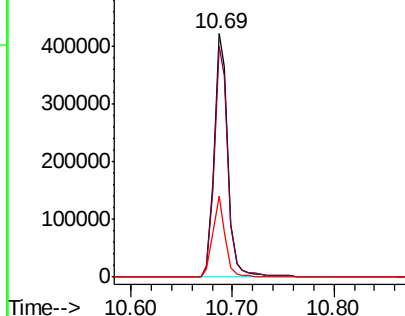


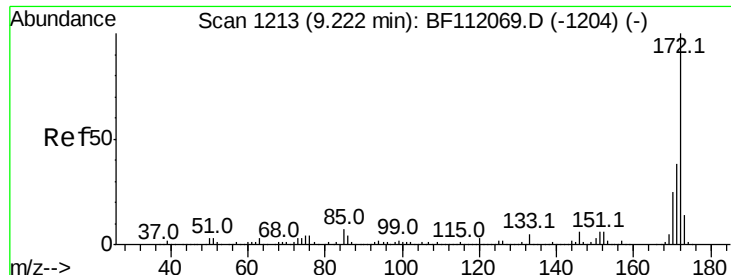
#42
 2,4,6-Tribromophenol
 Concen: 81.142 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112101.D
 Acq: 17 Jan 2019 21:30

Tgt Ion:330 Resp: 401139
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 30.4 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



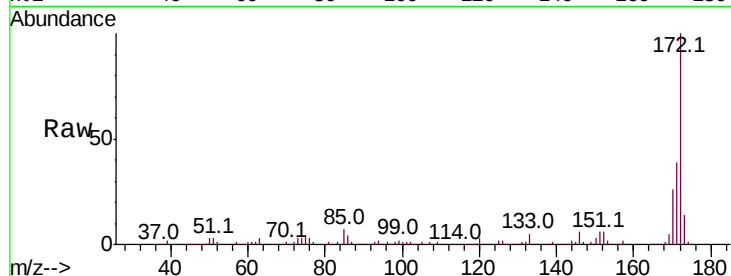


#45
 2-Fluorobiphenyl
 Concen: 91.486 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112101.D
 Acq: 17 Jan 2019 21:30

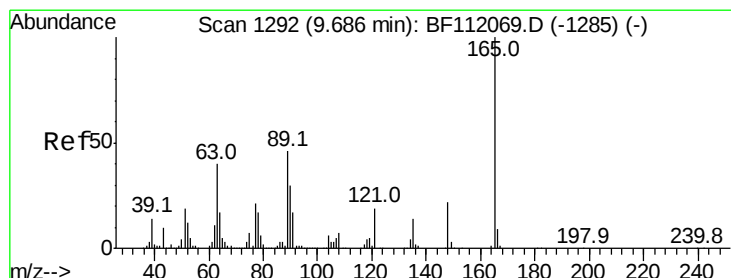
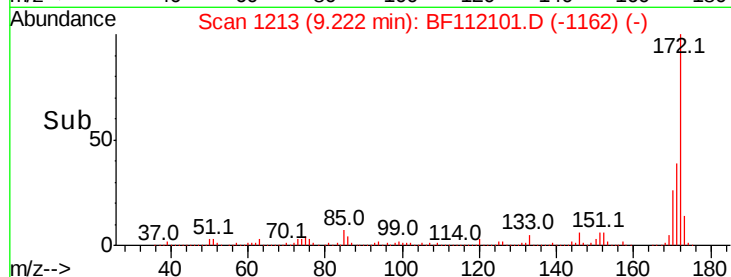
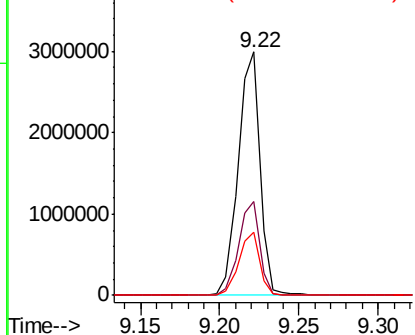
Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-D-M

Tot Ion:172 Resp: 2859583

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.5	45.7
170	26.1	20.2	30.4



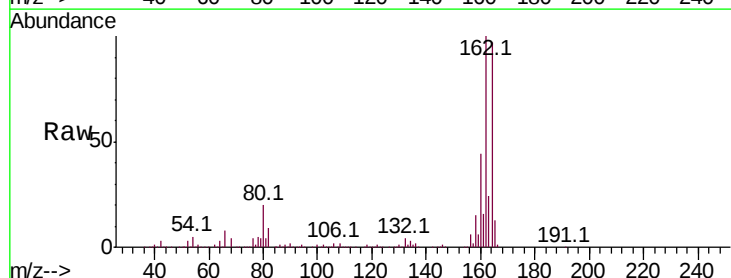
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



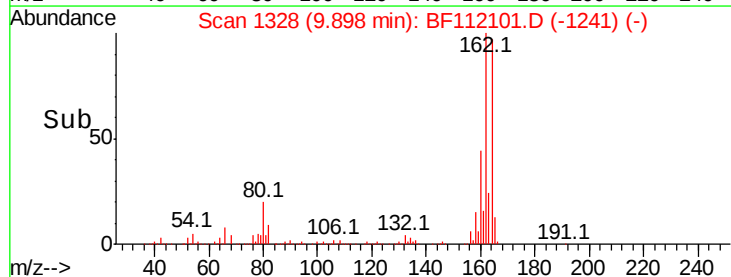
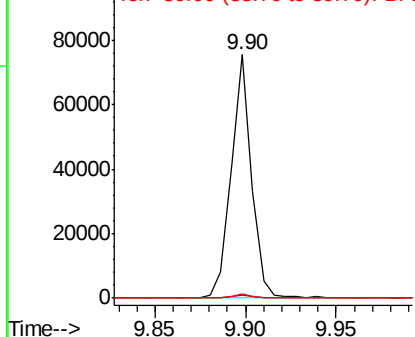
#51
 2,6-Dinitrotoluene
 Concen: 8.815 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF112101.D
 Acq: 17 Jan 2019 21:30

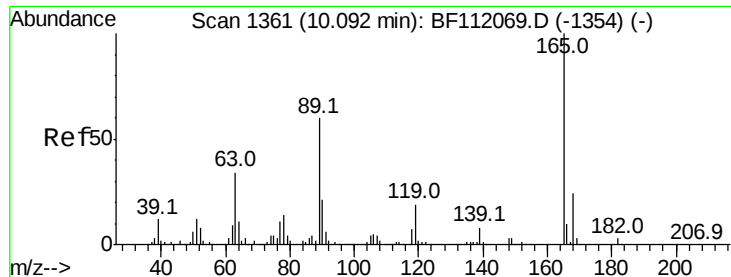
Tgt Ion:165 Resp: 58834

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

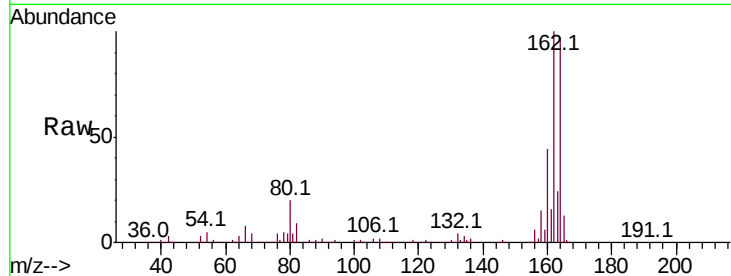




#57
2,4-Dinitrotoluene
Concen: 10.793 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

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

Tot 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#



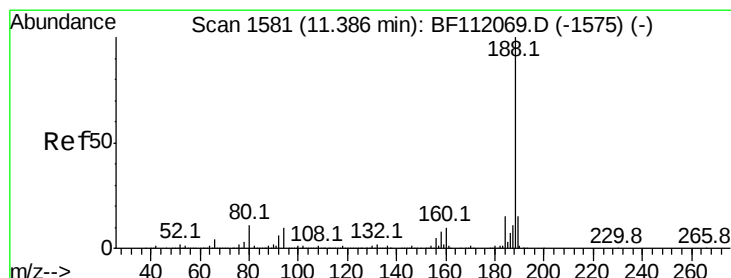
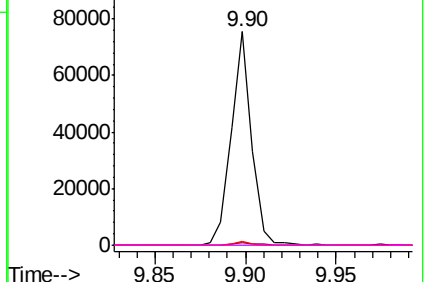
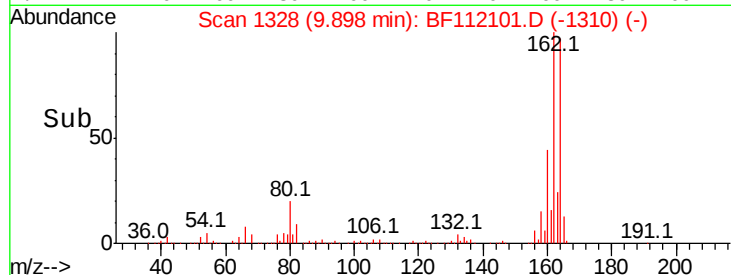
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

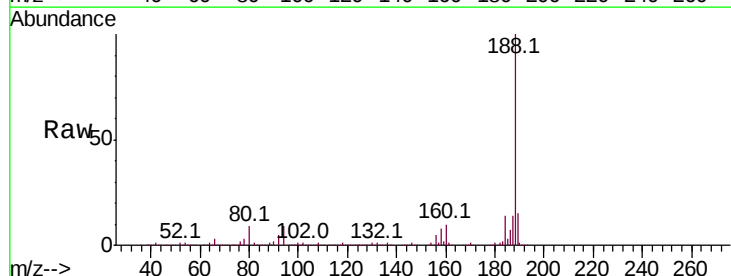
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.5	8.9	13.3

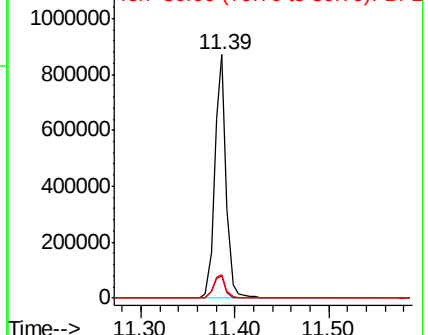
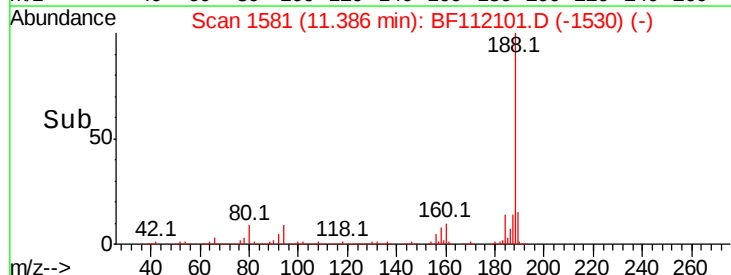


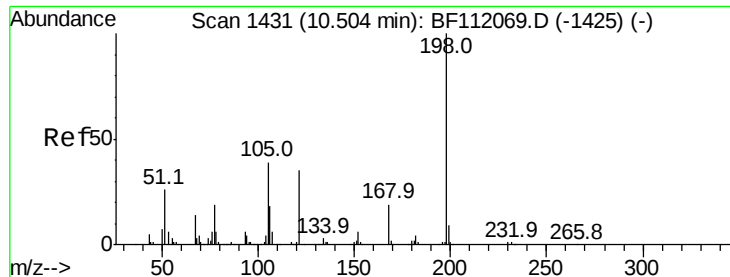
Abundance

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: 10.261 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.18 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-M

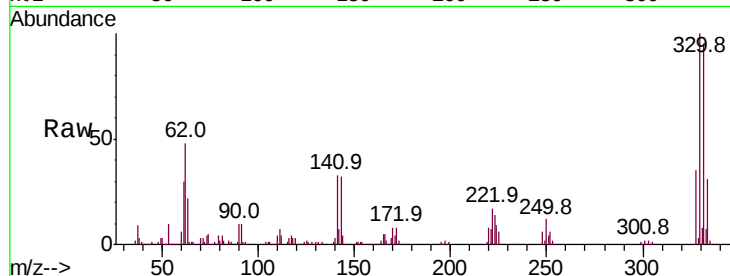
Tot Ion:198 Resp: 750

Ion Ratio Lower Upper

198 100

51 139.8 17.2 57.2#

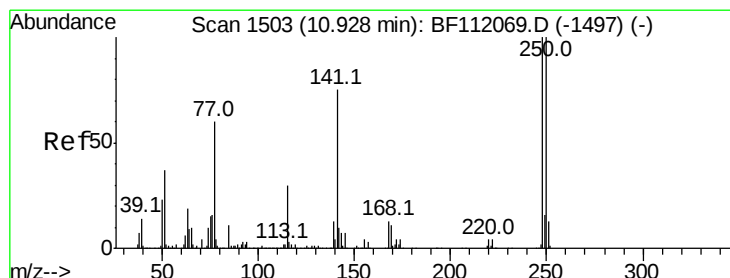
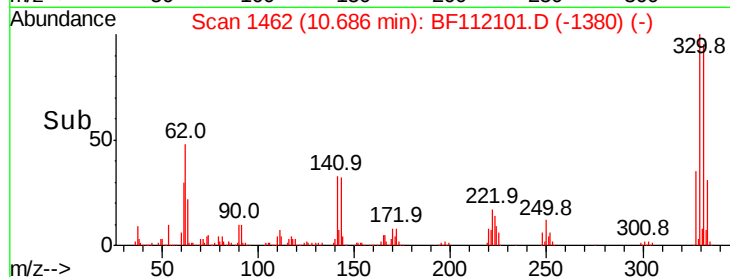
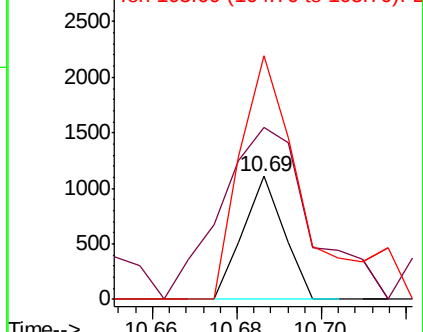
105 197.9 21.9 61.9#



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: 2.567 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

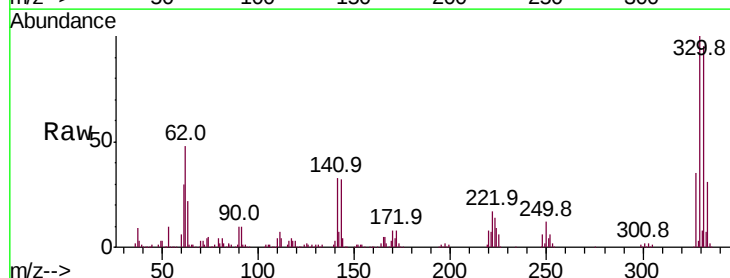
Tgt Ion:248 Resp: 22161

Ion Ratio Lower Upper

248 100

250 198.8 79.7 119.5#

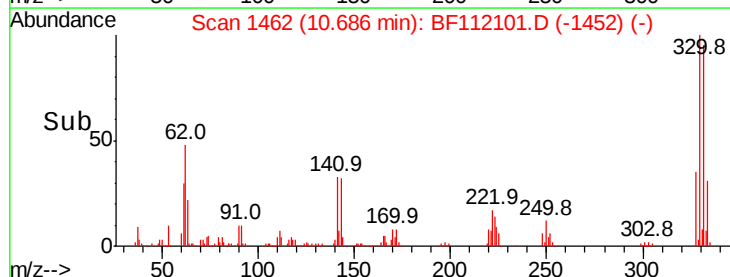
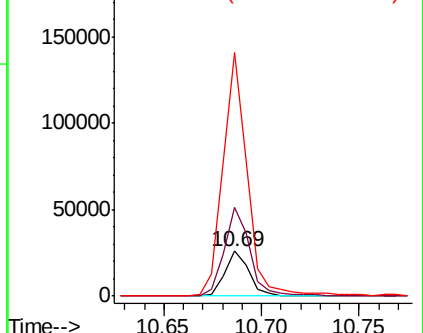
141 543.8 60.3 90.5#

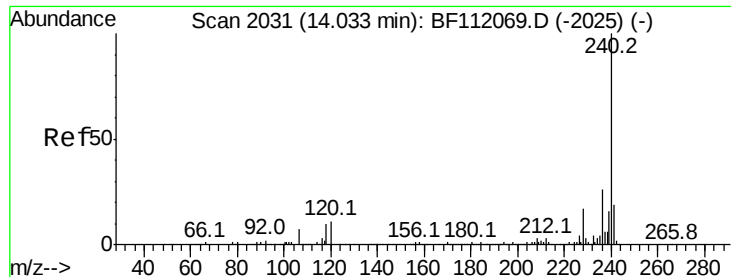


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF112101.D

Acq: 17 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-M

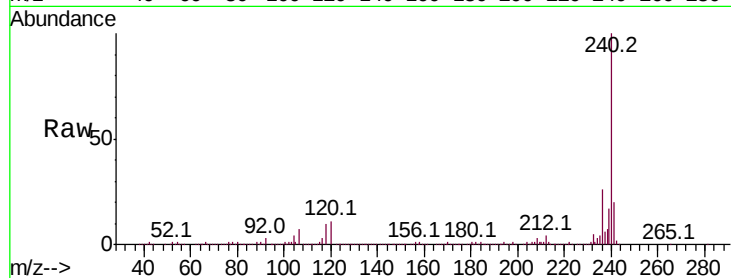
Tot Ion:240 Resp: 648948

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

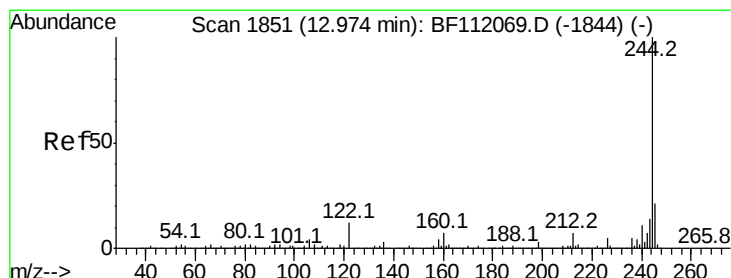
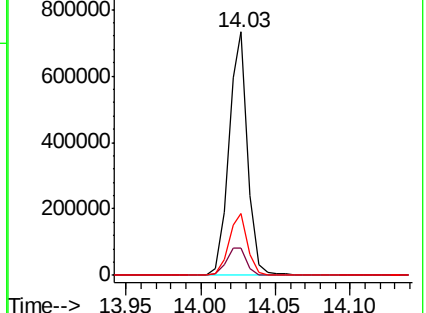
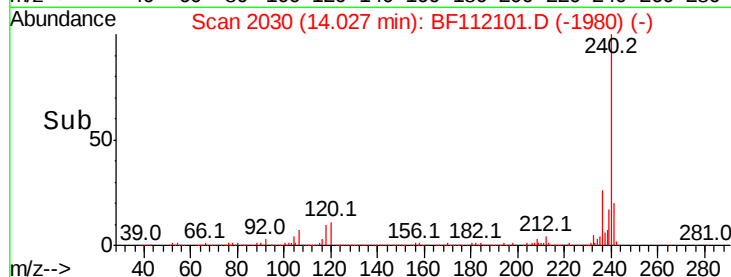
236 25.7 20.7 31.1



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: 76.706 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

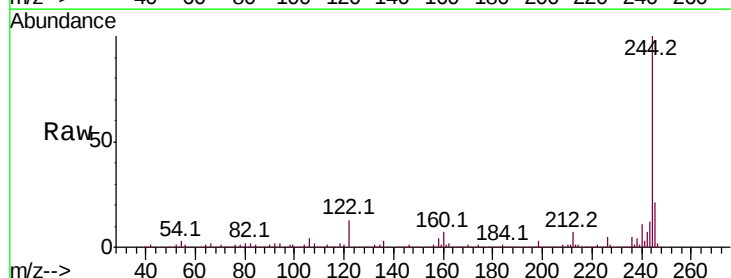
Tgt Ion:244 Resp: 2339883

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

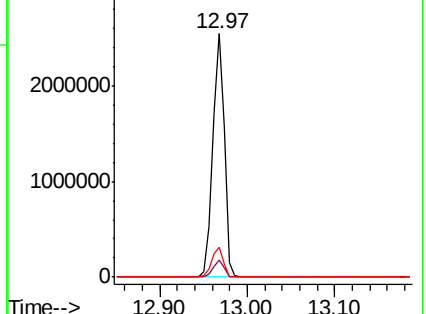
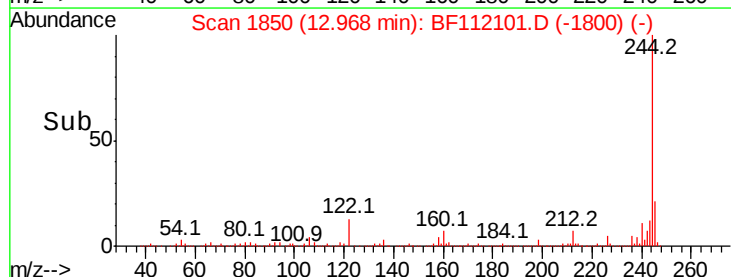
122 12.5 9.8 14.6

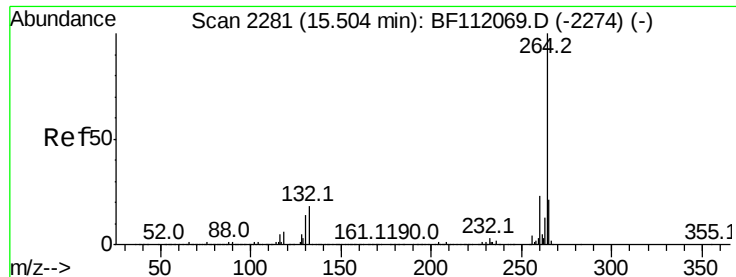


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	21.3	17.0	25.4

