

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112108.D
 Acq On : 18 Jan 2019 00:40
 Operator : JU/SJ
 Sample : K1166-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-10

Quant Time: Jan 18 01:11:11 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	314227	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1116602	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	489351	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	784904	20.00	ng	0.00
76) Chrysene-d12	14.03	240	683937	20.00	ng	0.00
87) Perylene-d12	15.50	264	528894	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	673838	38.92	ng	0.00
7) Phenol-d6	6.50	99	529771	24.46	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1552134	96.04	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	427271	80.94	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2776230	83.18	ng	0.00
79) Terphenyl-d14	12.97	244	2143388	66.67	ng	0.00

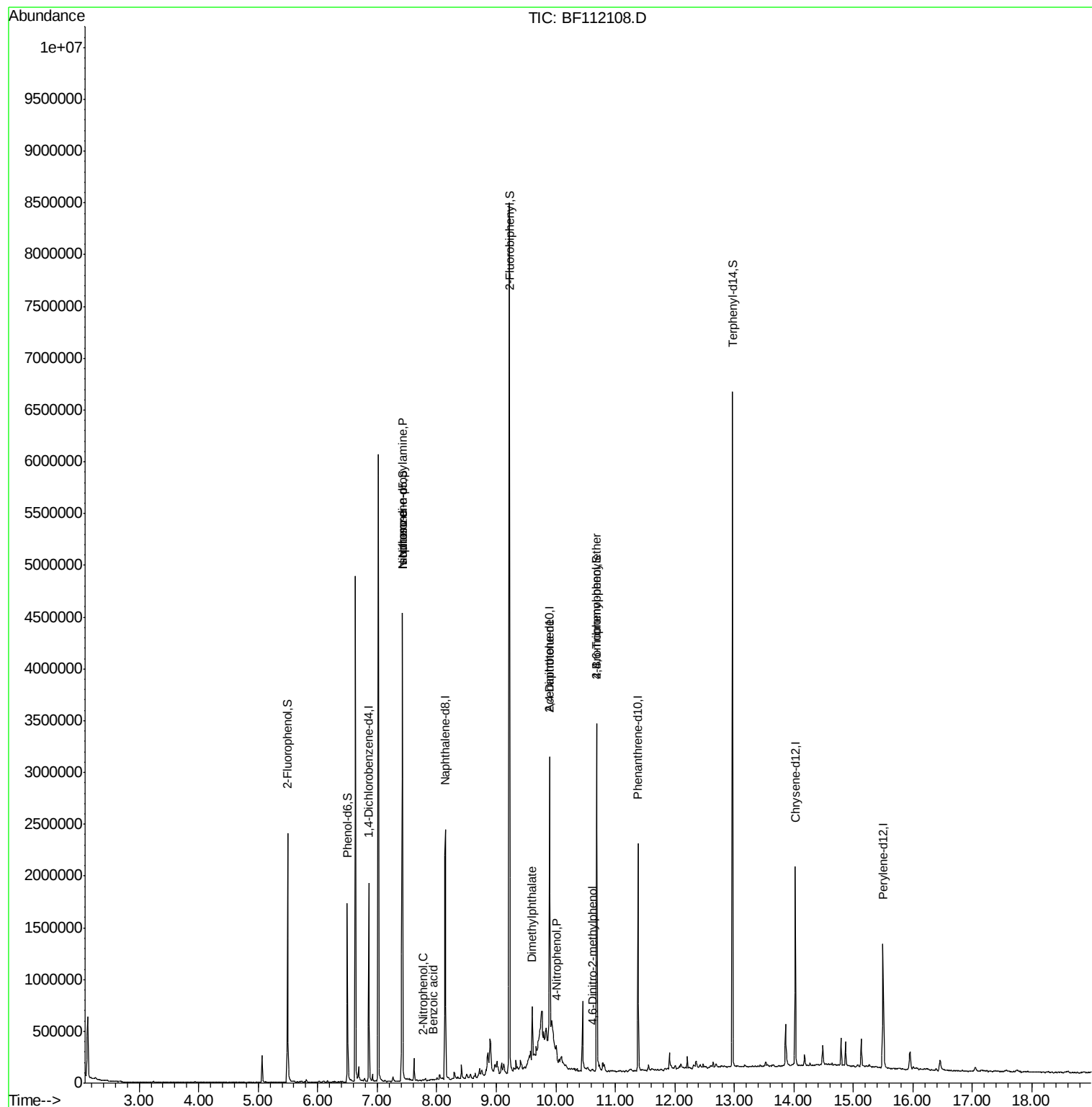
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1483	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.42	70	212048	16.070	ng	# 76
25) Isophorone	7.42	82	1548424	49.602	ng	# 64
26) 2-Nitrophenol	7.76	139	121	5.693	ng	# 9
32) Benzoic acid	7.94	122	1148	7.358	ng	# 21
50) Dimethylphthalate	9.60	163	193842	5.432	ng	# 98
56) 4-Nitrophenol	10.01	139	6270	6.678	ng	# 58
57) 2,4-Dinitrotoluene	9.90	165	64785	10.987	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.62	198	113	10.097	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	24135	2.647	ng	# 1

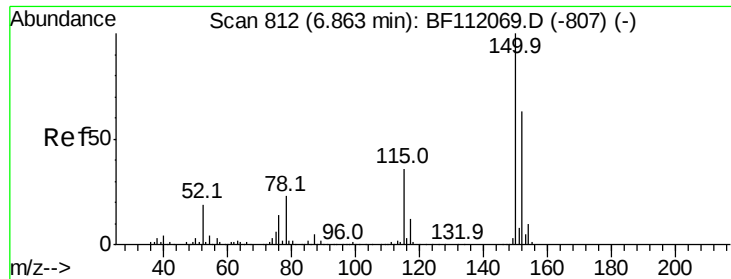
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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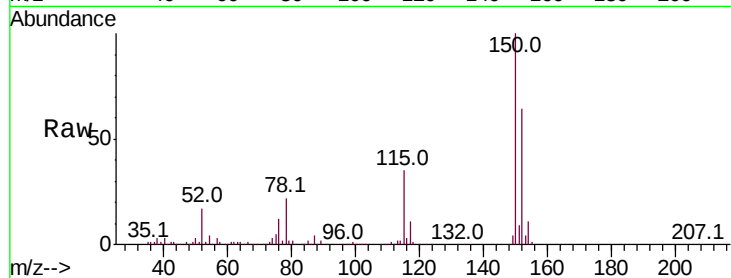


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	55.3	45.5	68.3

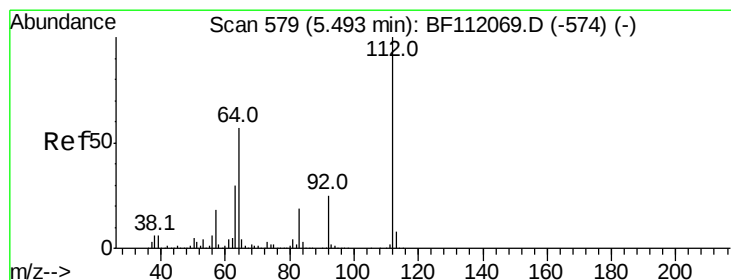
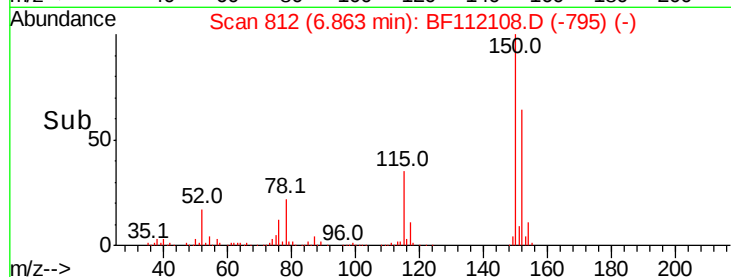
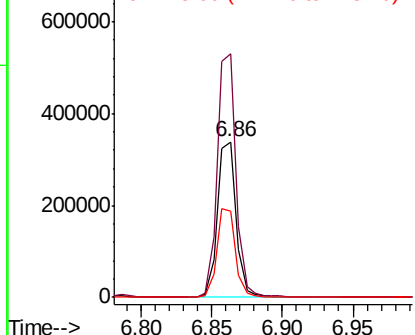


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

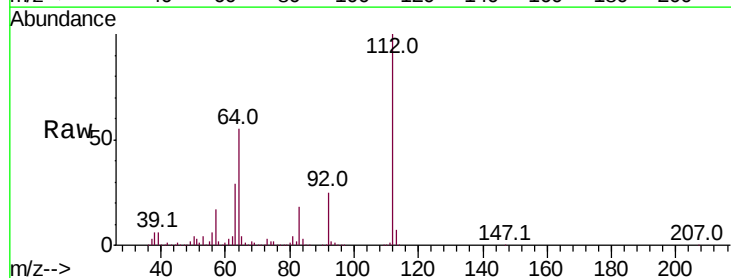
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.922 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	28.5	23.6	35.4

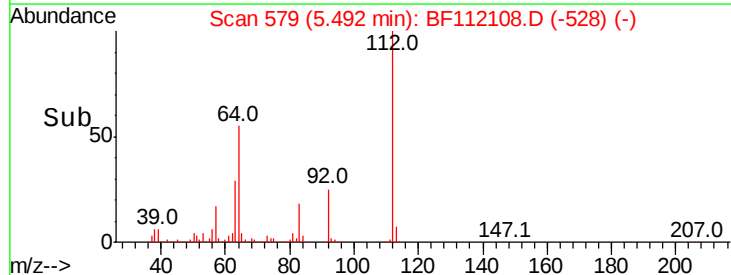
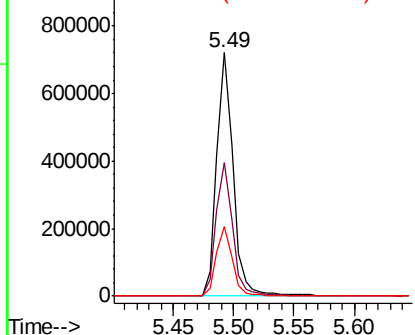


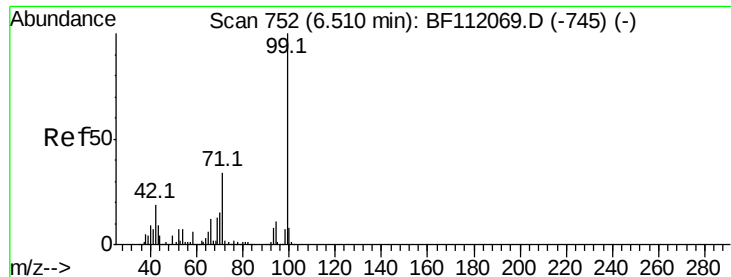
Abundance

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: 24.458 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

Instrument :

BNA_F

ClientSampleId :

D-10

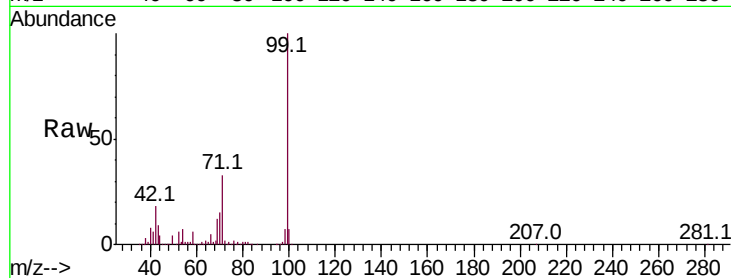
Tot Ion: 99 Resp: 529771

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

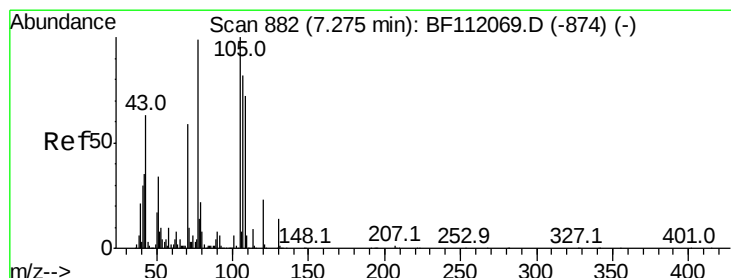
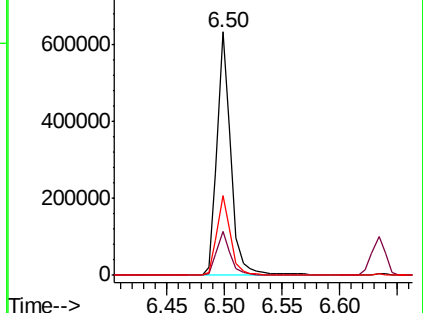
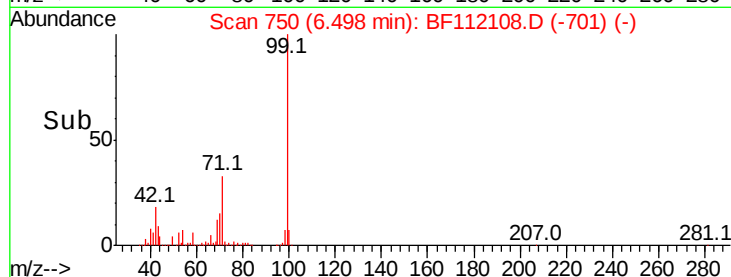
71 32.5 26.9 40.3



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: 16.070 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

Tgt Ion: 70 Resp: 212048

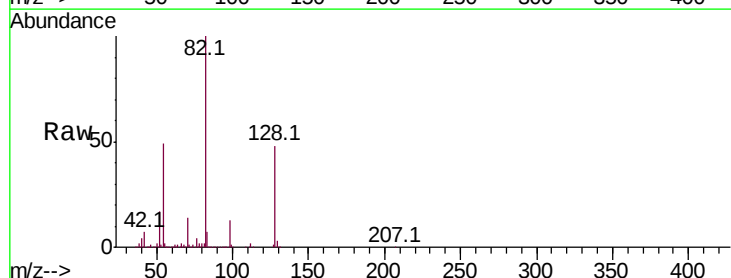
Ion Ratio Lower Upper

70 100

42 47.6 47.6 71.4

101 0.0 7.9 11.9#

130 2.3 18.4 27.6#

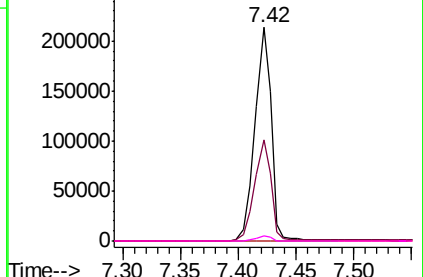
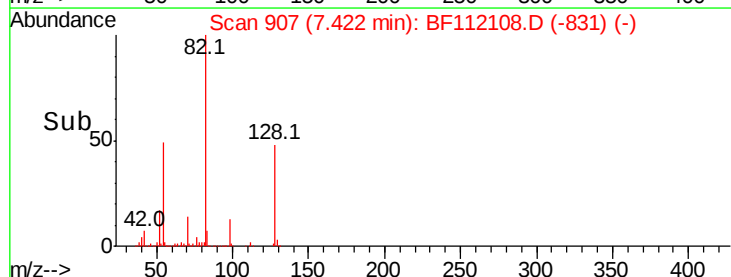


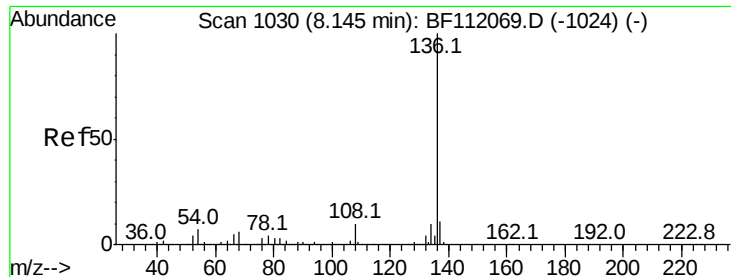
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



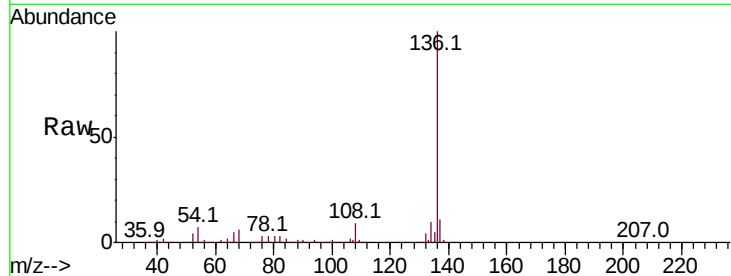


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

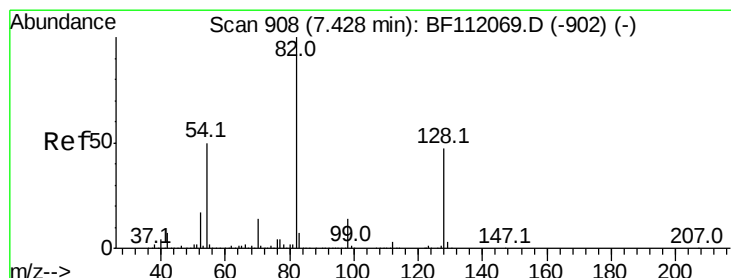
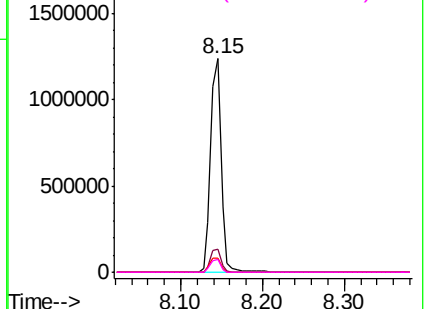
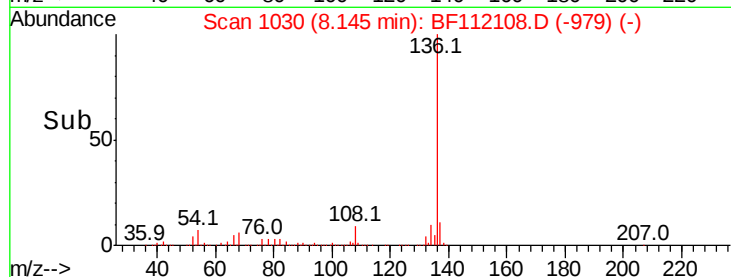
Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion:136 Resp: 1116602

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.6	5.9	8.9
68	5.7	5.1	7.7



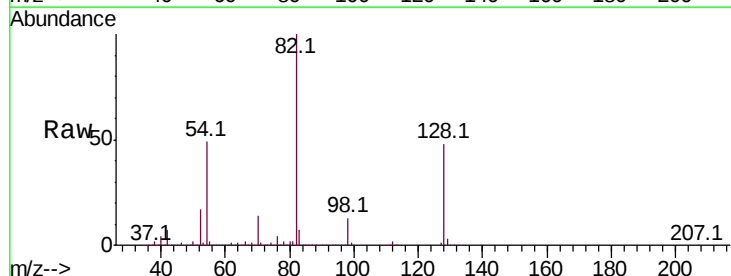
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



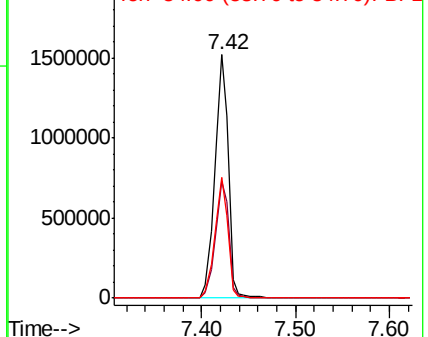
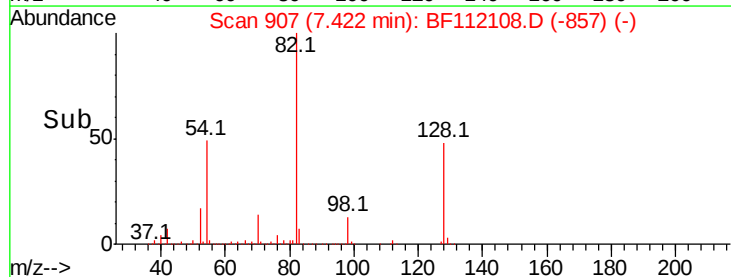
#23
Nitrobenzene-d5
Concen: 96.037 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

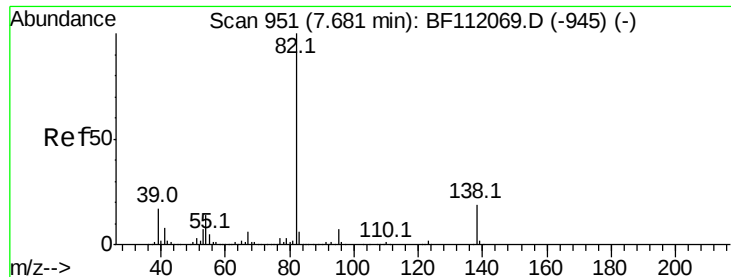
Tgt Ion: 82 Resp: 1552134

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.8	56.8
54	49.4	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: 49.602 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

Instrument :

BNA_F

ClientSampleId :

D-10

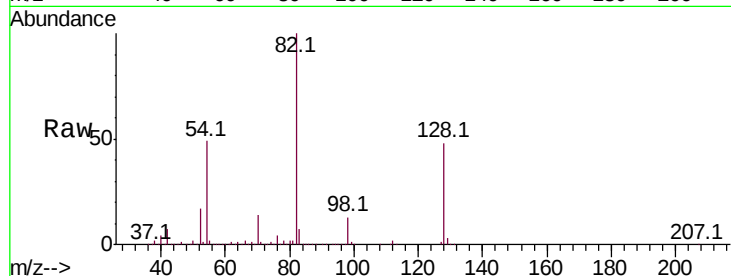
Tot Ion: 82 Resp: 1548424

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

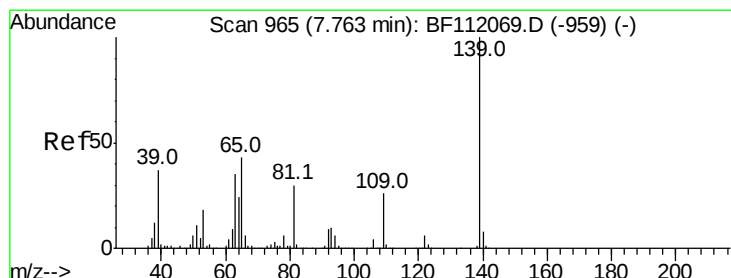
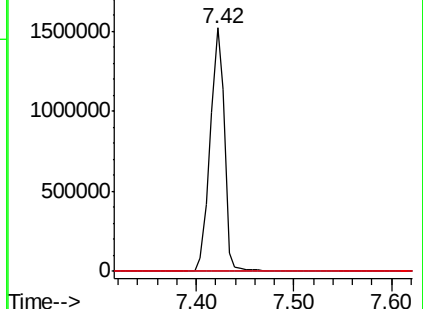
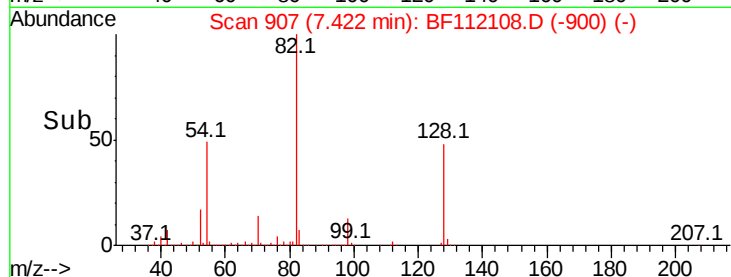
138 0.0 15.4 23.0#



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



#26

2-Nitrophenol

Concen: 5.693 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

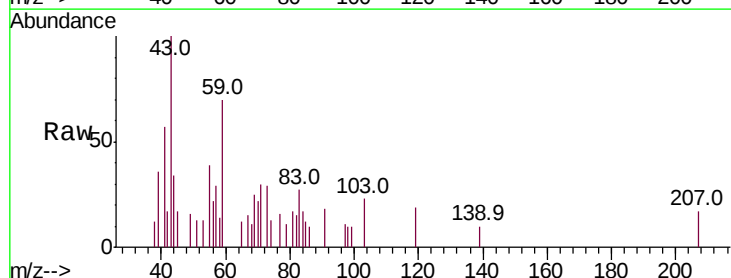
Tgt Ion: 139 Resp: 121

Ion Ratio Lower Upper

139 100

109 0.0 20.8 31.2#

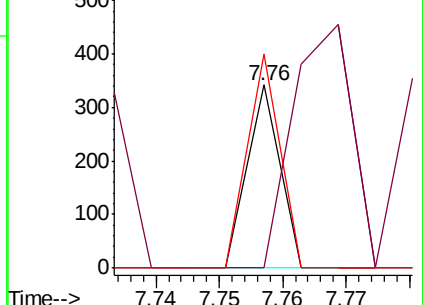
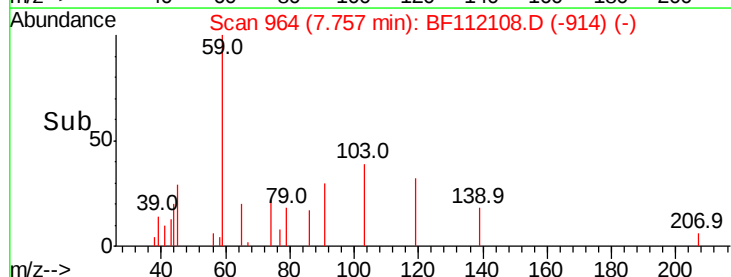
65 116.7 34.4 51.6#

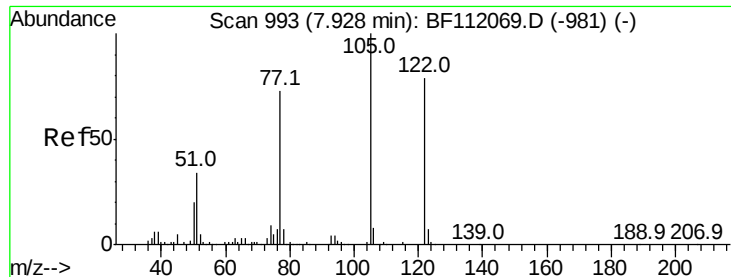


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#32

Benzoic acid

Concen: 7.358 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

Instrument :

BNA_F

ClientSampled :

D-10

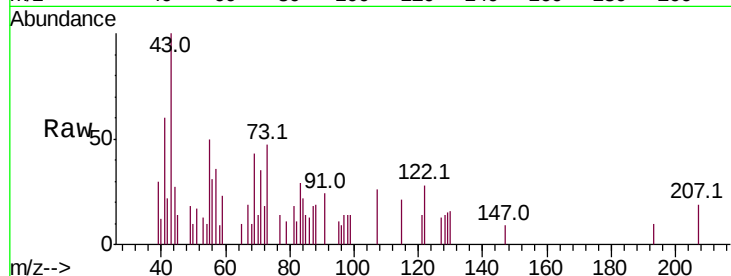
Tot Ion:122 Resp: 1148

Ion Ratio Lower Upper

122 100

105 0.0 101.2 141.2#

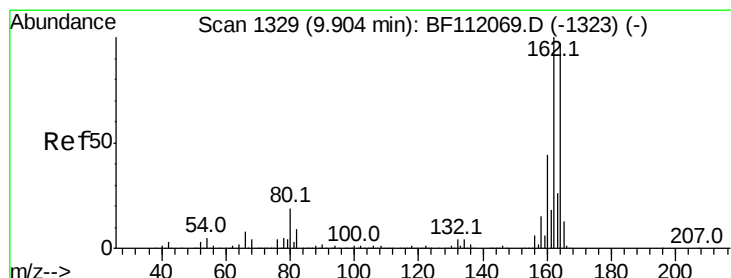
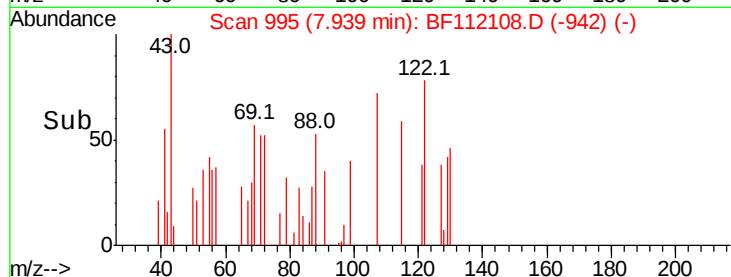
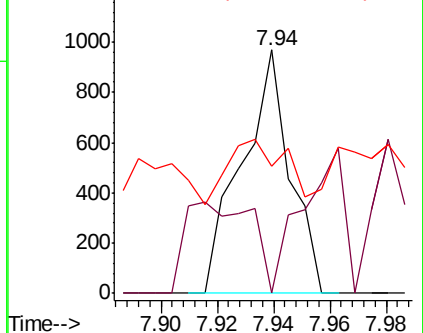
77 52.0 70.4 110.4#



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: BF112108.D

Acq: 18 Jan 2019 00:40

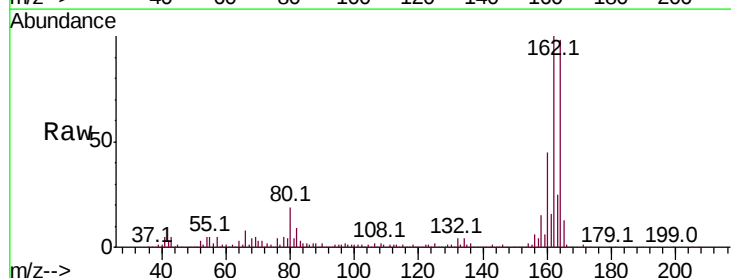
Tgt Ion:164 Resp: 489351

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.4

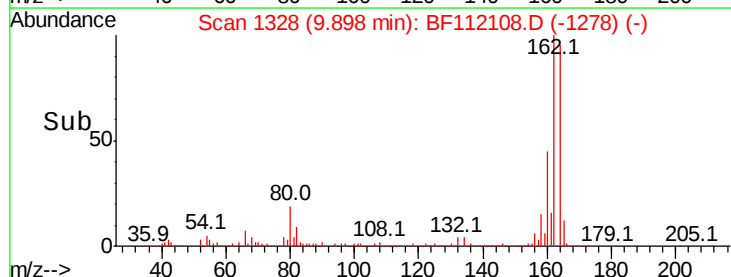
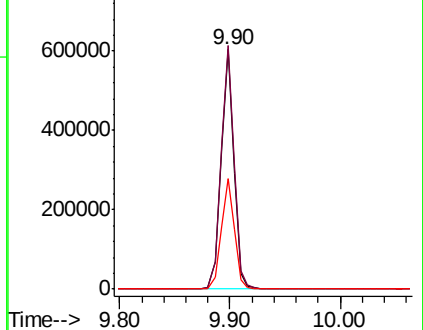
160 46.0 36.2 54.4

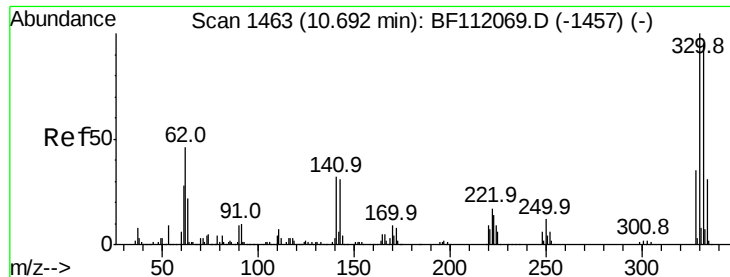


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

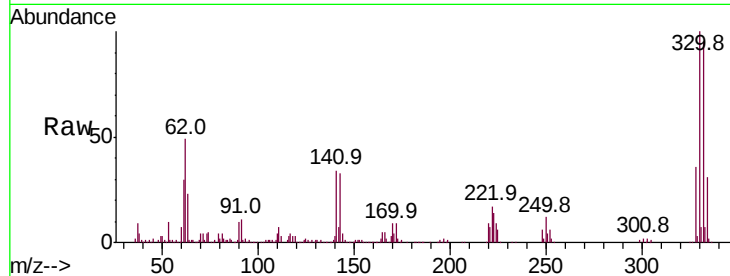




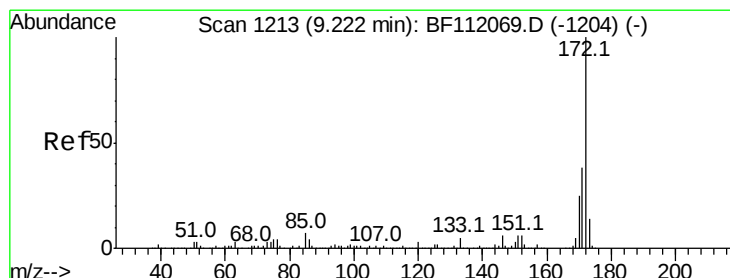
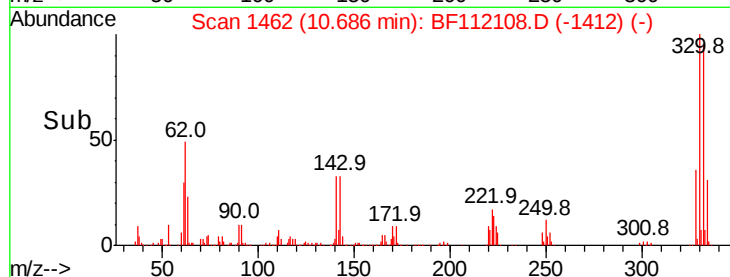
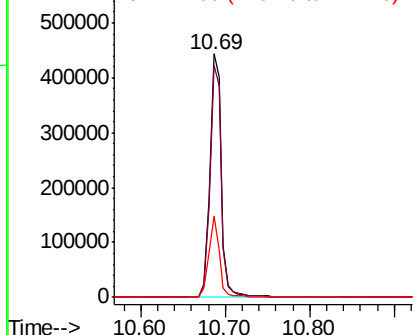
#42
 2,4,6-Tribromophenol
 Concen: 80.938 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 427271
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 29.9 24.3 36.5

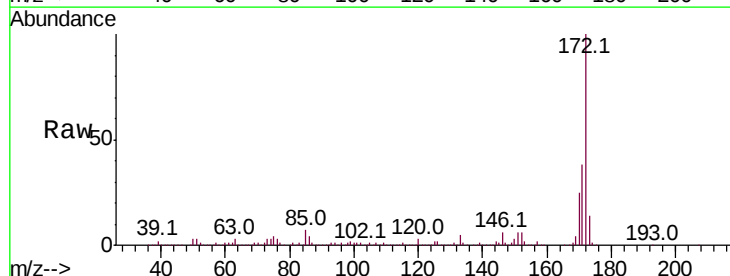


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

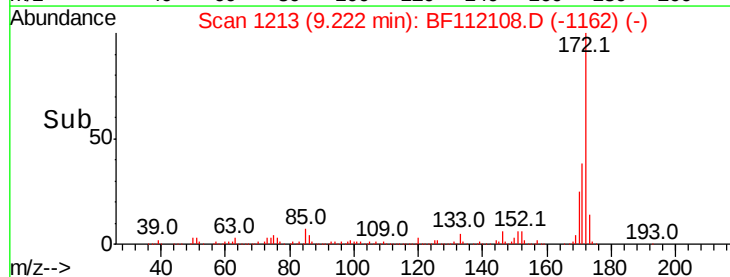
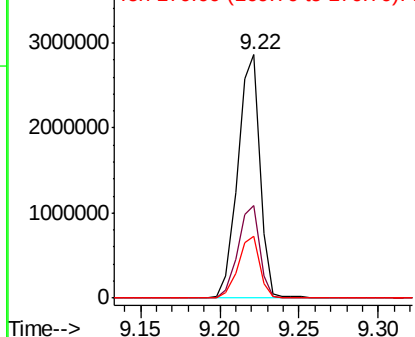


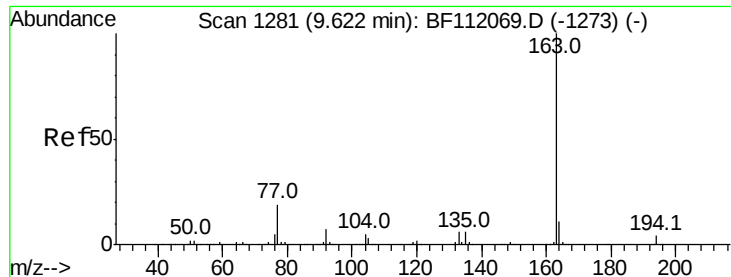
#45
 2-Fluorobiphenyl
 Concen: 83.177 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Tgt Ion:172 Resp: 2776230
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.5 45.7
 170 25.3 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

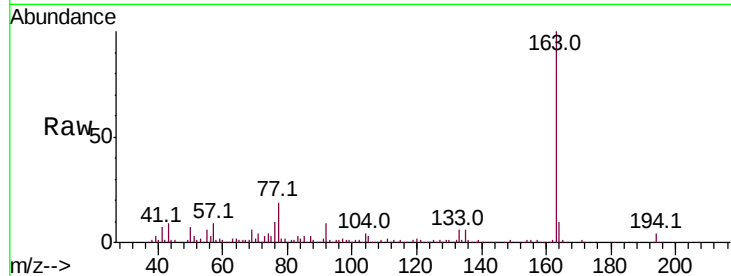




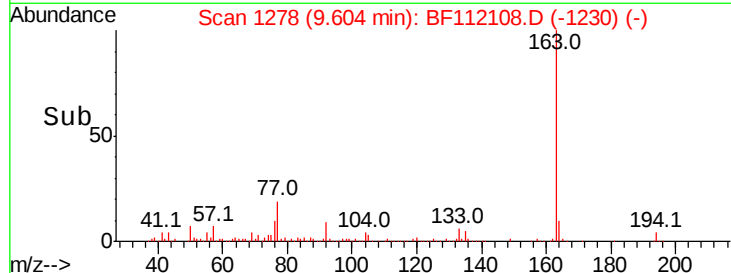
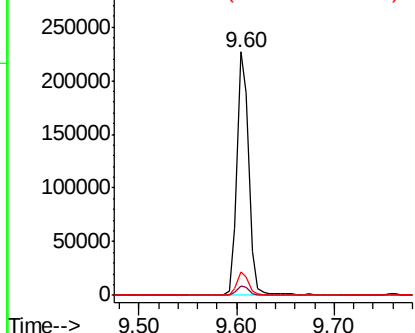
#50
Dimethylphthalate
Concen: 5.432 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion:163 Resp: 193842
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.6 8.5 12.7

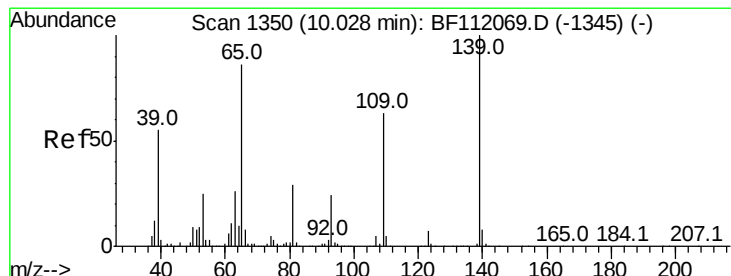


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

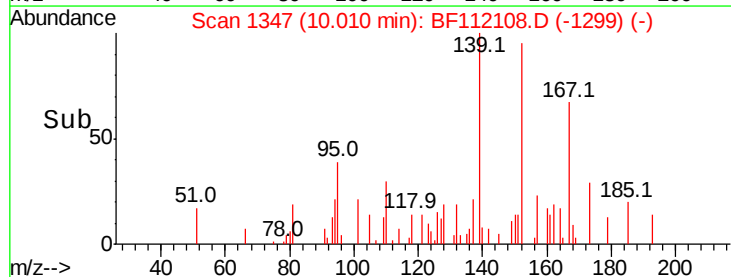
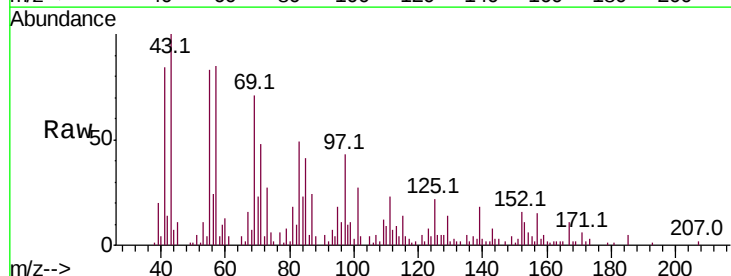
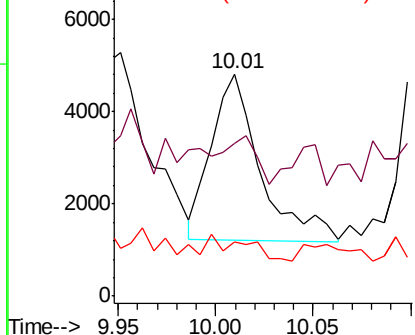


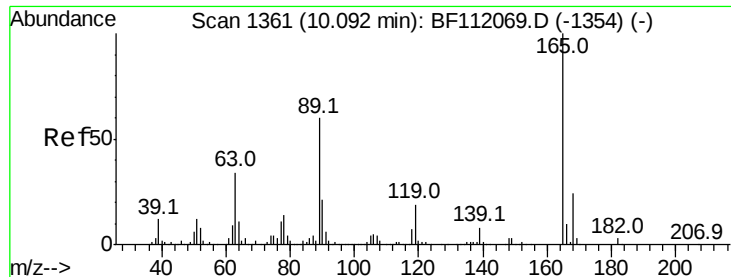
#56
4-Nitrophenol
Concen: 6.678 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Tgt Ion:139 Resp: 6270
Ion Ratio Lower Upper
139 100
109 68.7 42.8 82.8
65 24.4 66.1 106.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

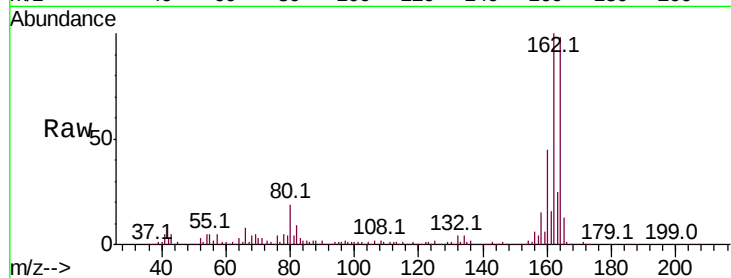




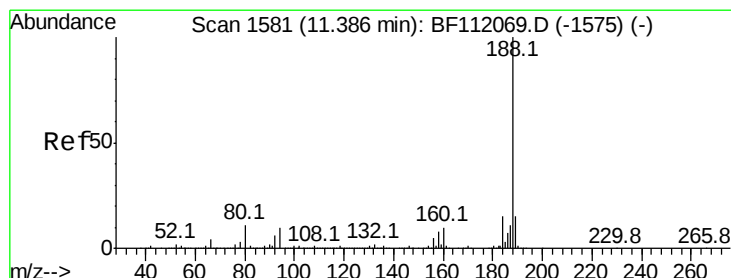
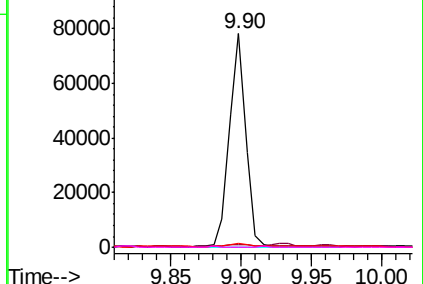
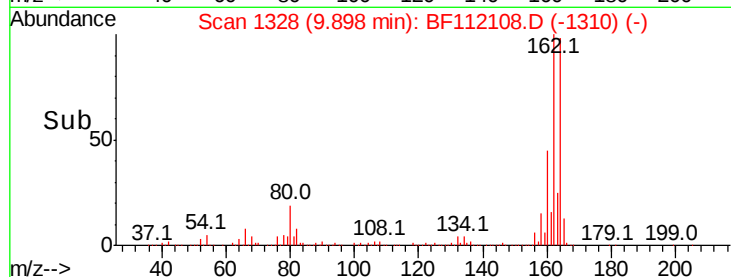
#57
 2,4-Dinitrotoluene
 Concen: 10.987 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Instrument :
 BNA_F
 ClientSampleId :
 D-10

Tot Ion:	165	Resp:	64785
Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#

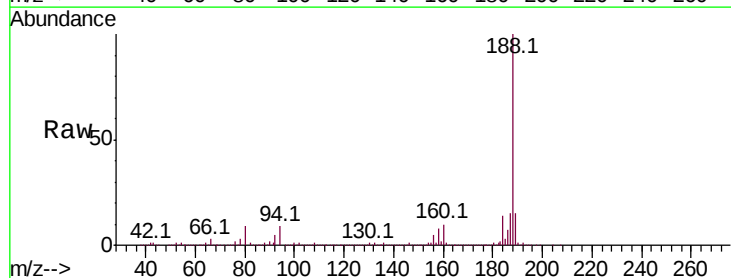


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

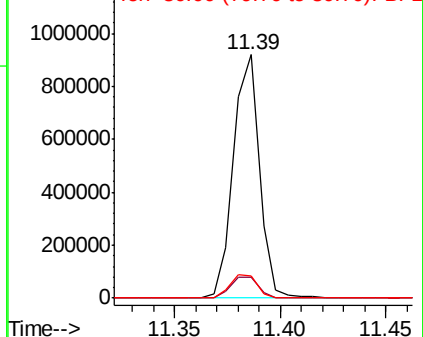
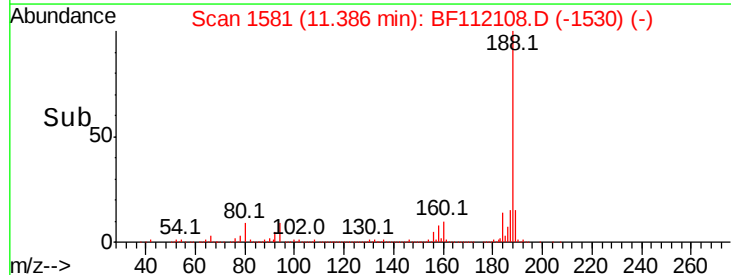


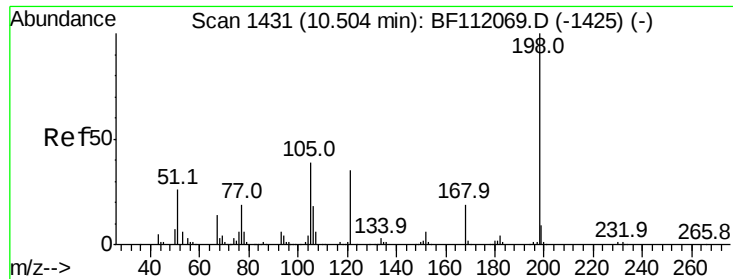
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Tgt Ion:	188	Resp:	784904
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.0	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

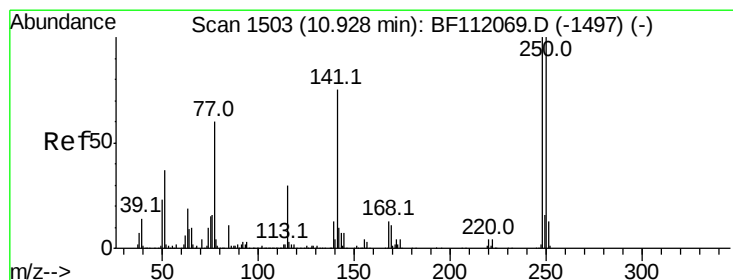
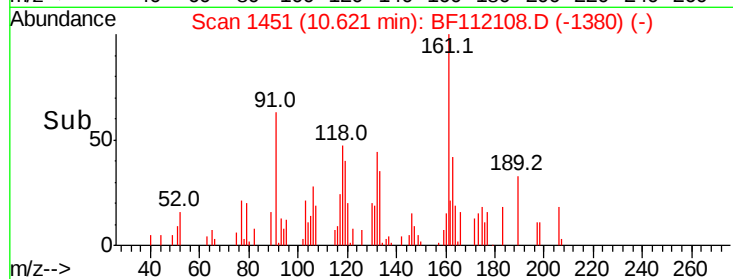
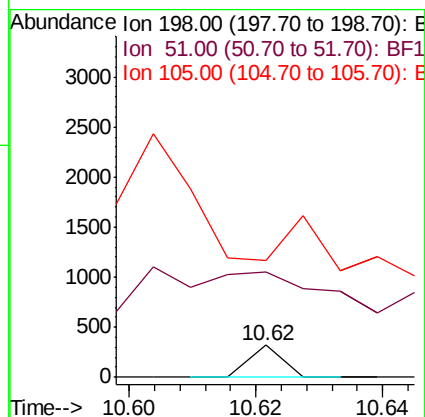
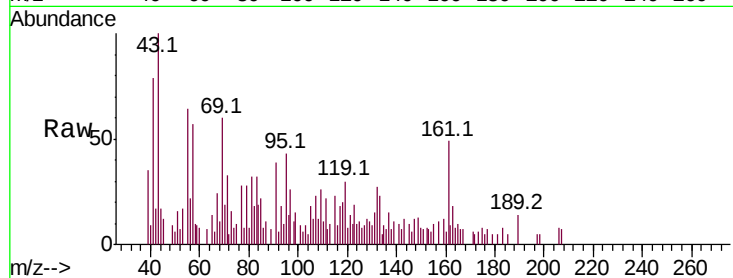




#65
 4,6-Dinitro-2-methylphenol
 Concen: 10.097 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.12 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

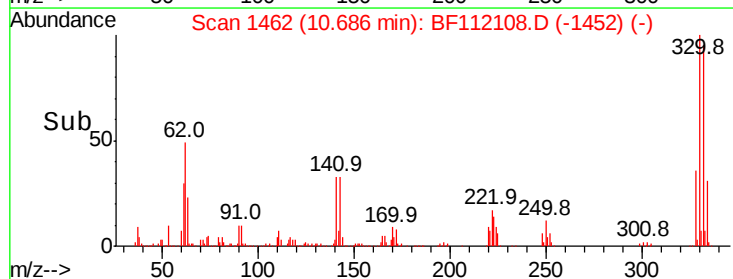
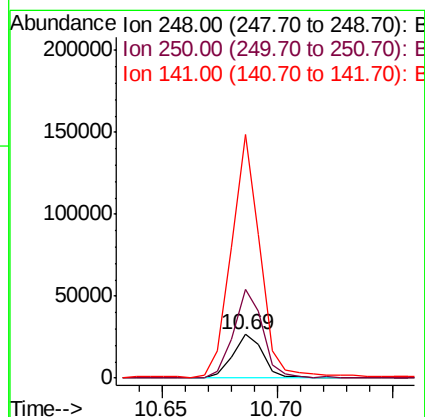
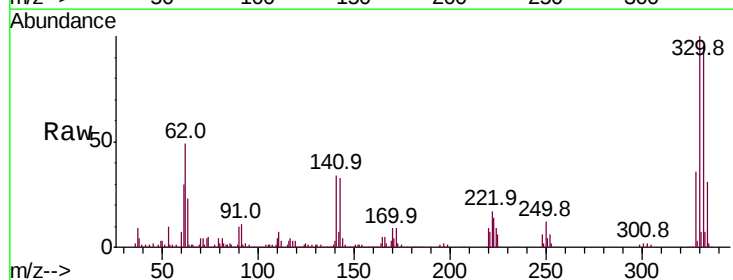
Instrument :
 BNA_F
 ClientSampleId :
 D-10

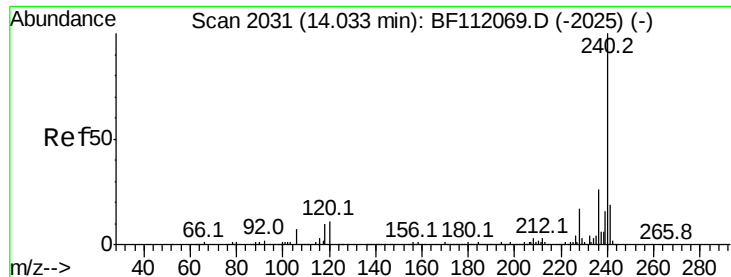
Tot Ion:198 Resp: 113
 Ion Ratio Lower Upper
 198 100
 51 331.7 17.2 57.2#
 105 364.9 21.9 61.9#



#67
 4-Bromophenyl-phenylether
 Concen: 2.647 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Tgt Ion:248 Resp: 24135
 Ion Ratio Lower Upper
 248 100
 250 201.1 79.7 119.5#
 141 554.9 60.3 90.5#

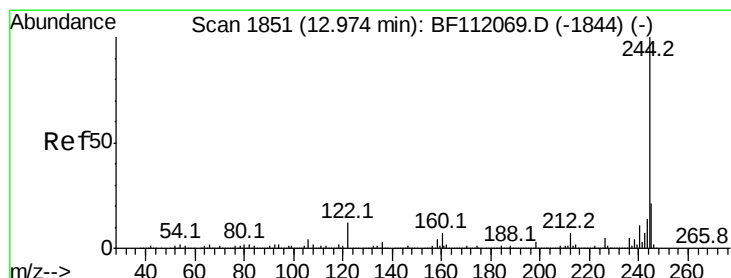
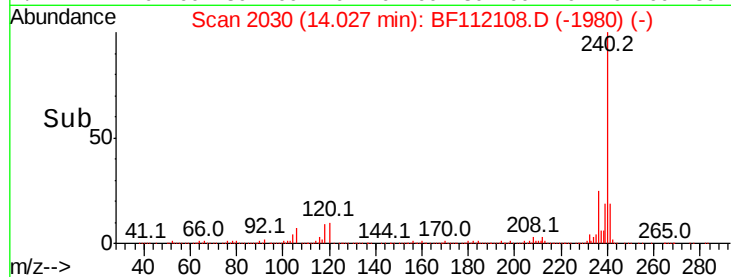
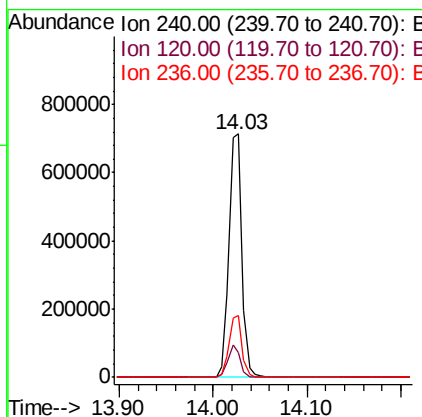
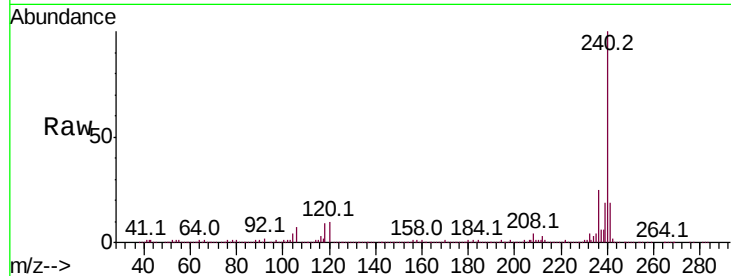




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

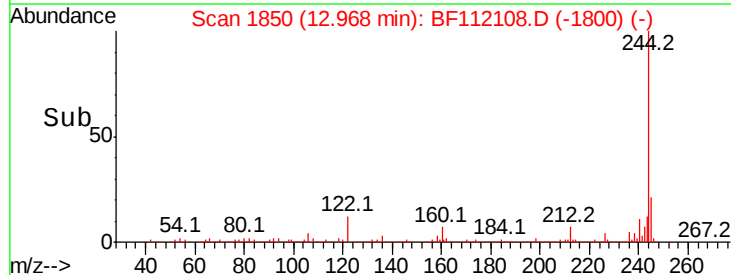
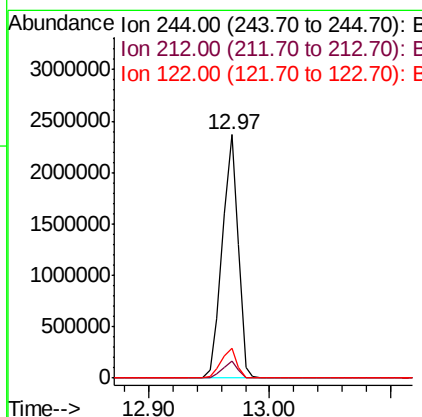
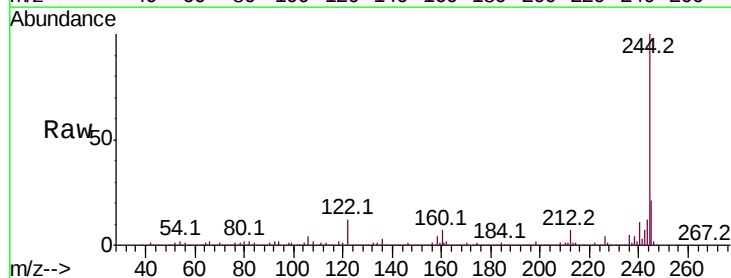
Instrument :
 BNA_F
 ClientSampleId :
 D-10

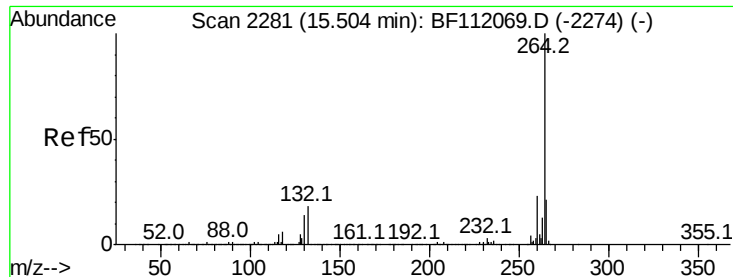
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.6
236	25.4	20.7	31.1



#79
 Terphenyl-d14
 Concen: 66.670 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.2	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: BF112108.D
Acq: 18 Jan 2019 00:40

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion: 264 Resp: 528894

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.0	17.0	25.4

