

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
 Data File : BF112193.D
 Acq On : 22 Jan 2019 15:08
 Operator : JU/SJ
 Sample : K1196-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Quant Time: Jan 22 15:38:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	242454	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	800361	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	365337	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	568846	20.00	ng	0.00
76) Chrysene-d12	14.02	240	490846	20.00	ng	-0.01
87) Perylene-d12	15.49	264	367017	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1748320	130.88	ng	0.00
7) Phenol-d6	6.51	99	2193812	131.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	1368453	118.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	530578	134.62	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2470299	99.13	ng	0.00
79) Terphenyl-d14	12.96	244	2061470	89.35	ng	0.00

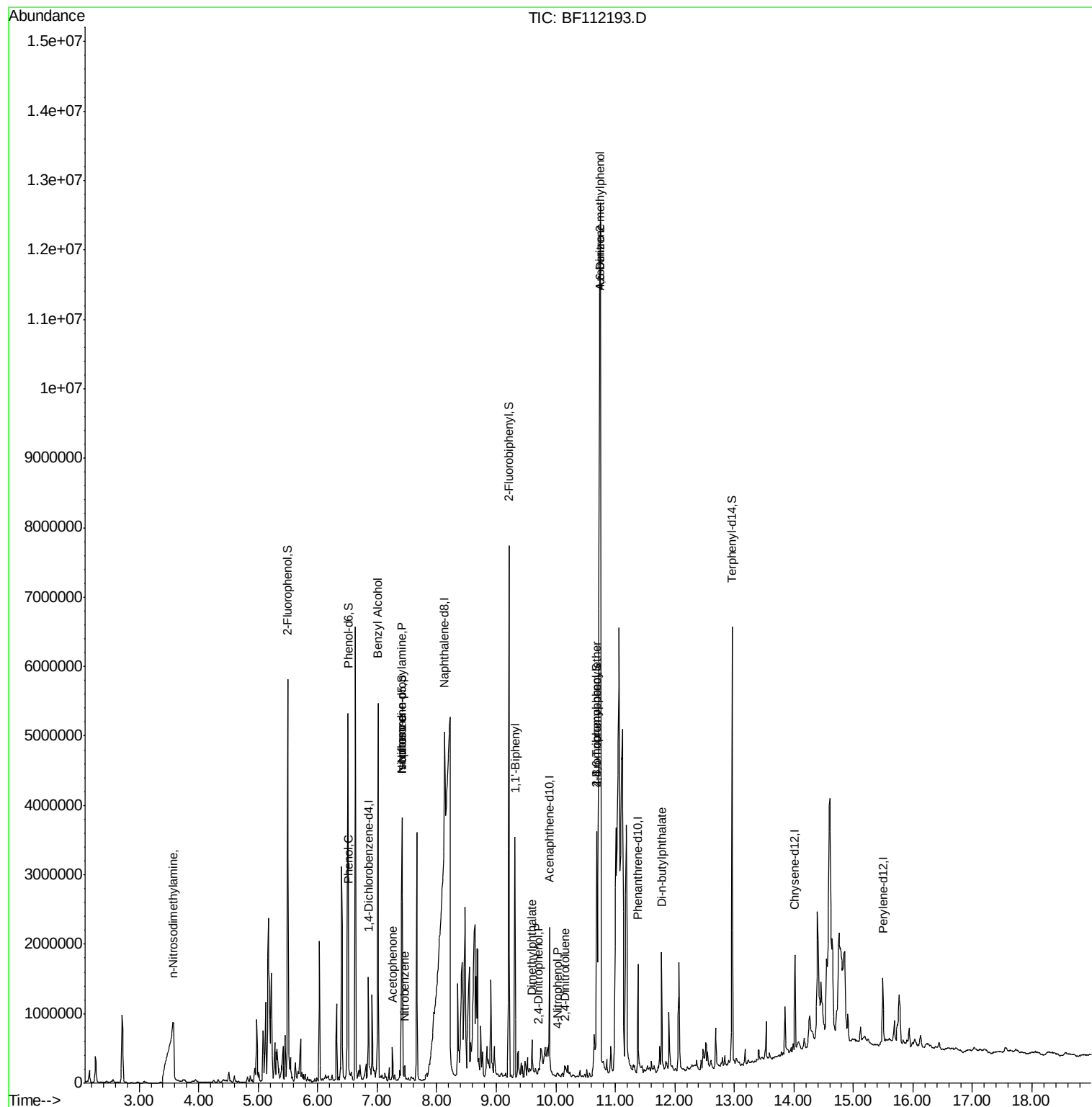
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.57	42	128592	20.184	ng	# 1
9) Benzaldehyde	6.40	77	596270	Below	Cal	99
10) Phenol	6.52	94	152079	8.326	ng	# 72
15) Benzyl Alcohol	7.01	79	29496	2.369	ng	# 51
19) n-Nitroso-di-n-propylamine	7.42	70	187052	18.372	ng	# 77
22) Acetophenone	7.26	105	129696	6.995	ng	# 92
24) Nitrobenzene	7.46	77	24846	2.024	ng	# 38
25) Isophorone	7.42	82	1355684	60.587	ng	# 64
46) 1,1'-Biphenyl	9.32	154	1124164	36.799	ng	98
50) Dimethylphthalate	9.60	163	148509	5.574	ng	99
54) 2,4-Dinitrophenol	9.71	184	651	8.367	ng	97
56) 4-Nitrophenol	10.04	139	1035	5.881	ng	94
57) 2,4-Dinitrotoluene	10.15	165	3104	4.993	ng	# 90
63) Azobenzene	10.75	77	6473587	259.923	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.76	198	530593	186.794	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	32121	4.861	ng	# 1
74) Di-n-butylphthalate	11.78	149	321182	9.829	ng	# 44

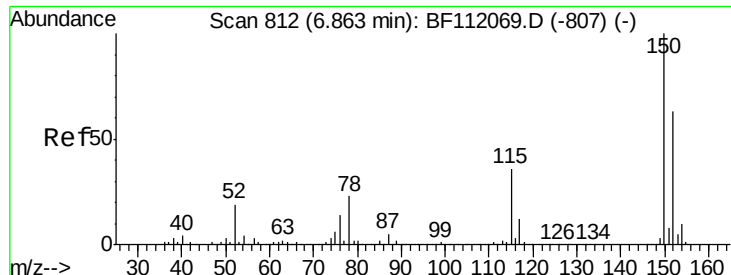
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112193.D
Acq On : 22 Jan 2019 15:08
Operator : JU/SJ
Sample : K1196-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Quant Time: Jan 22 15:38:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



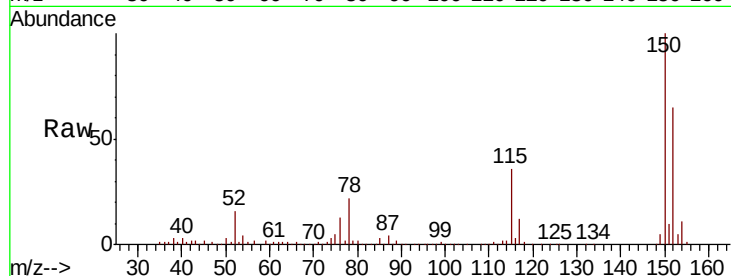


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_F
ClientSampled :
VNJ-219

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.4	191.0
115	54.5	45.5	68.3

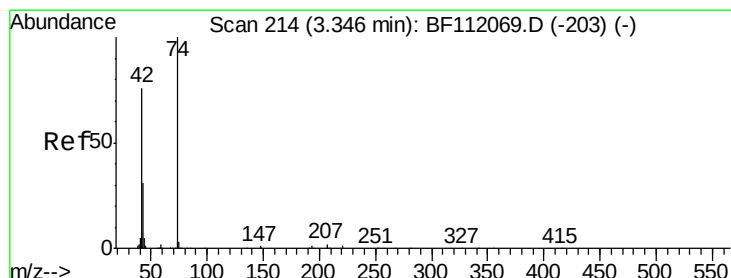
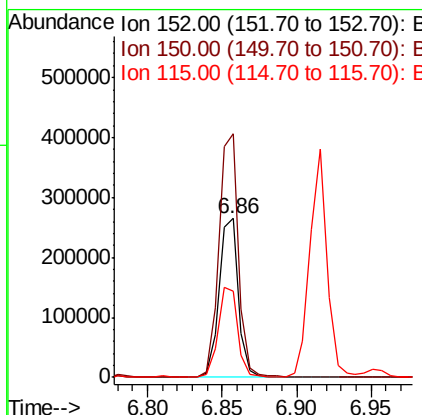
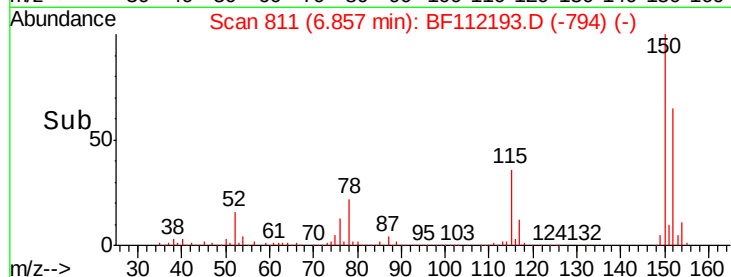


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

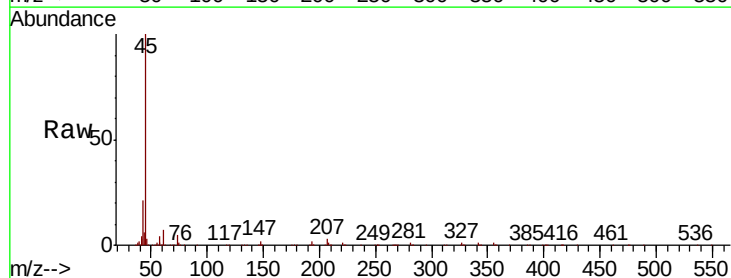
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 20.184 ng
RT: 3.57 min Scan# 253
Delta R.T. 0.24 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	13.2	105.6	158.4#
44	154.0	5.4	8.2#

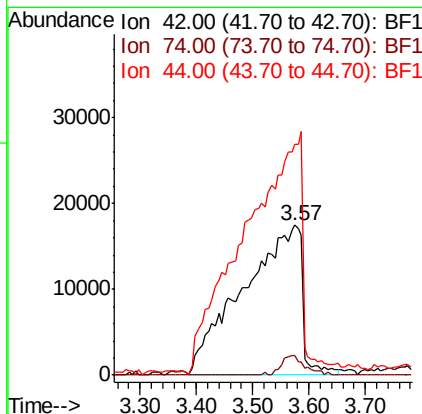
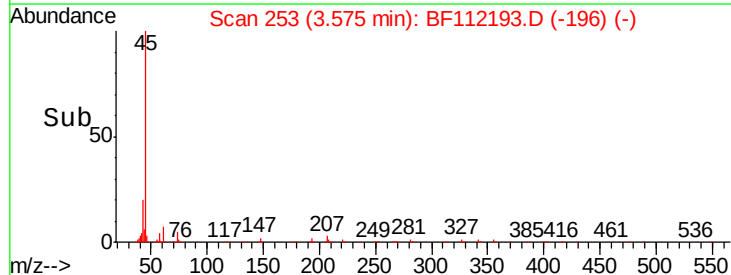


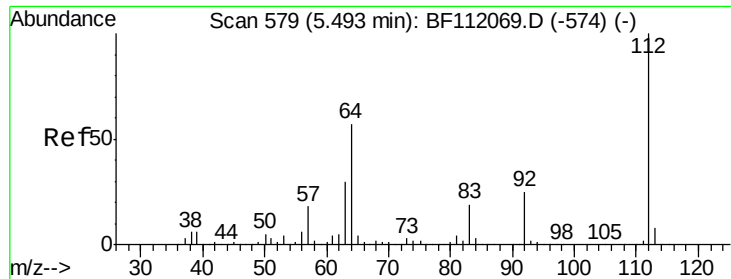
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 130.881 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

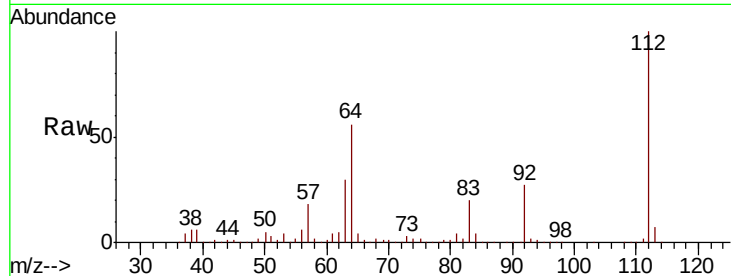
Tot Ion:112 Resp: 1748320

Ion Ratio Lower Upper

112 100

64 56.0 45.7 68.5

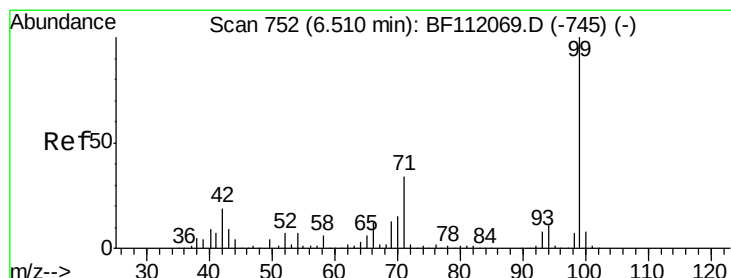
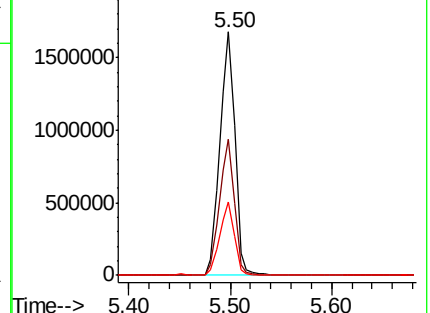
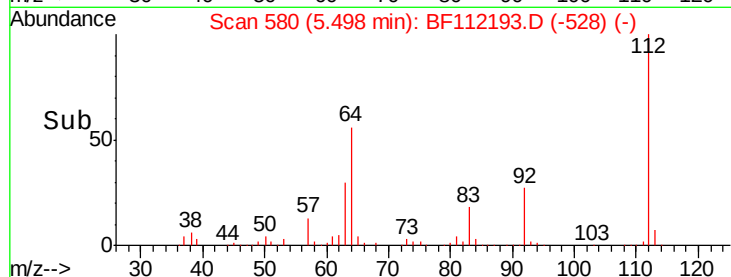
63 30.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 131.264 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

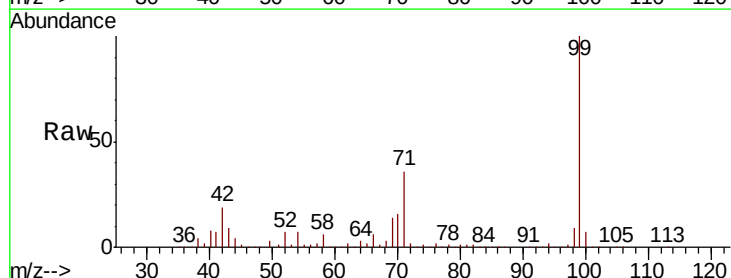
Tgt Ion: 99 Resp: 2193812

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

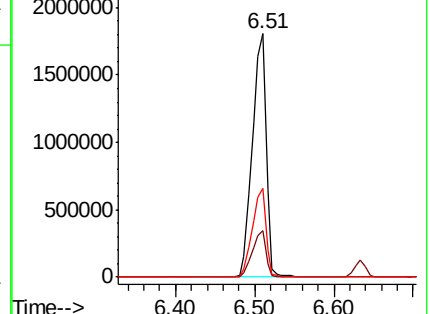
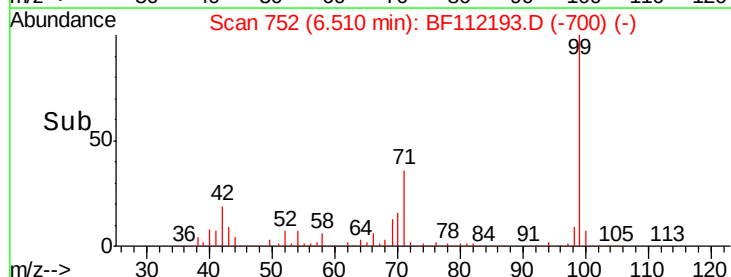
71 36.3 26.9 40.3

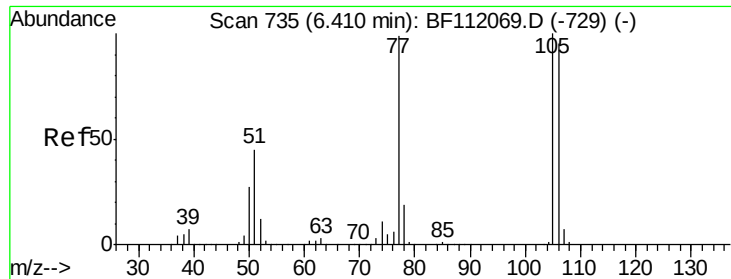


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

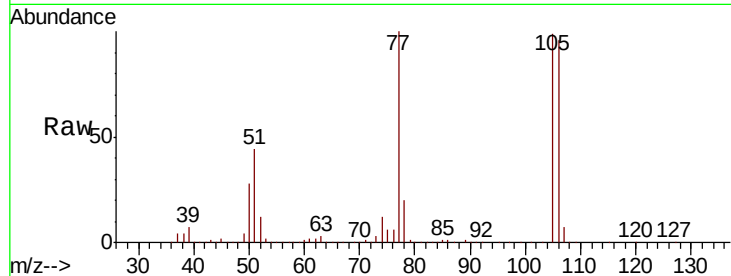
Tot Ion: 77 Resp: 596270

Ion Ratio Lower Upper

77 100

105 99.5 80.8 120.8

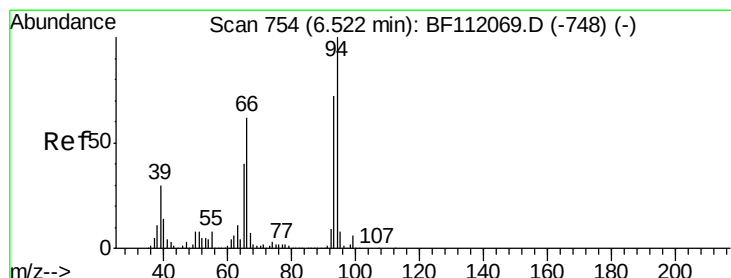
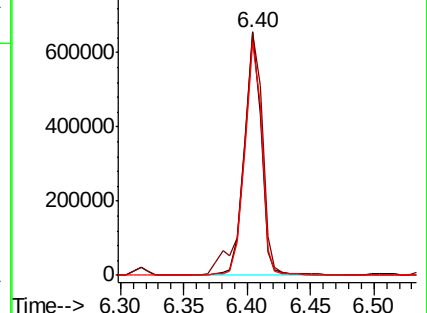
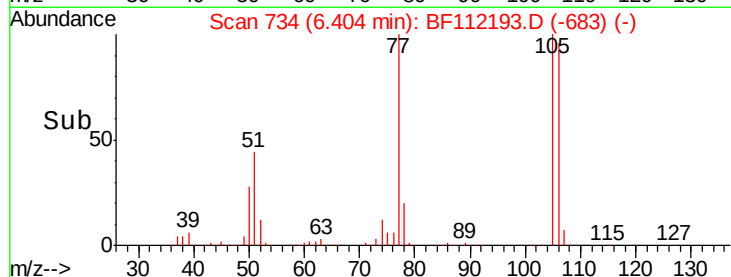
106 95.6 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 8.326 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

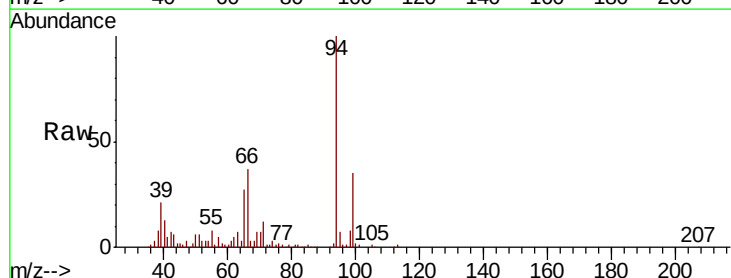
Tgt Ion: 94 Resp: 152079

Ion Ratio Lower Upper

94 100

65 27.1 20.3 60.3

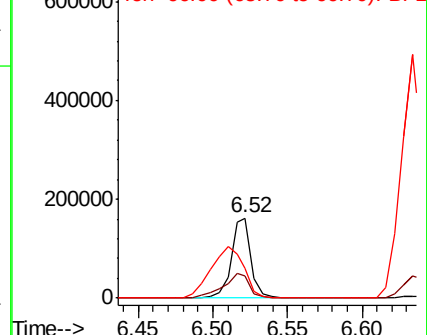
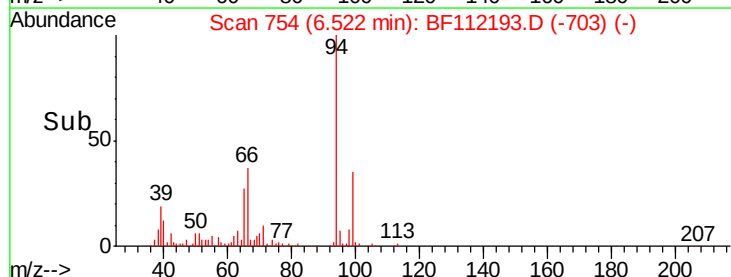
66 36.9 42.4 82.4#

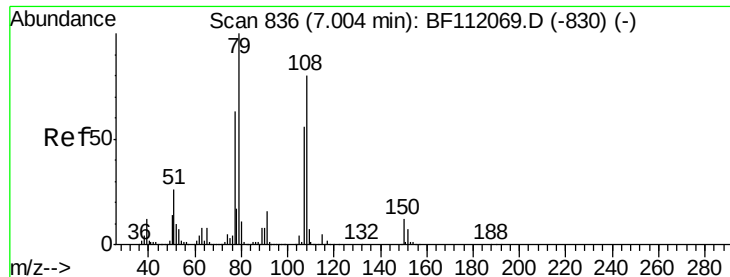


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.369 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

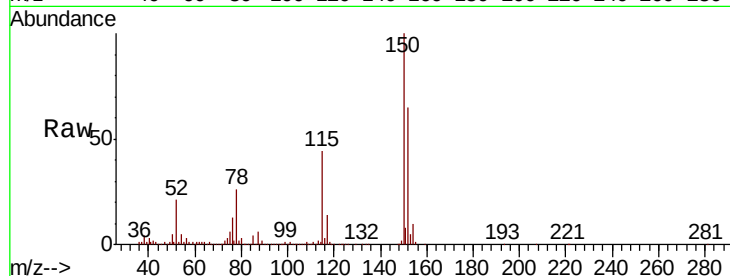
Tot Ion: 79 Resp: 29496

Ion Ratio Lower Upper

79 100

108 31.5 64.2 96.2#

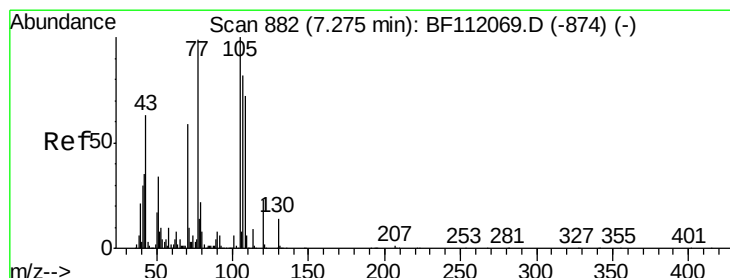
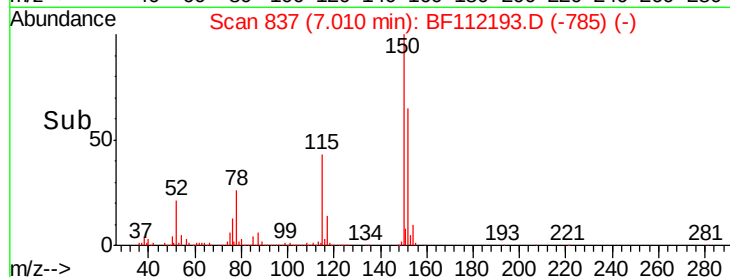
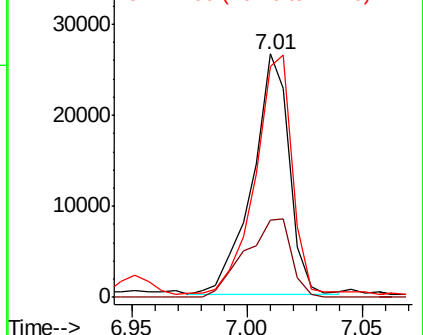
77 94.9 50.3 75.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.372 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Tgt Ion: 70 Resp: 187052

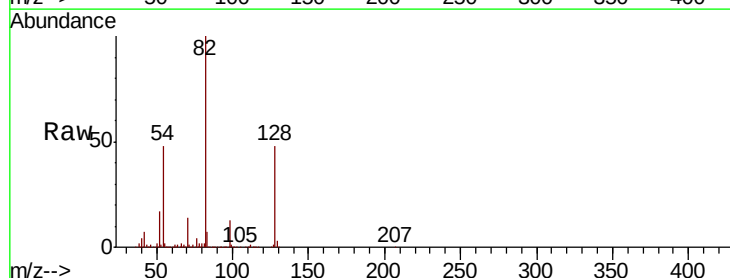
Ion Ratio Lower Upper

70 100

42 47.7 47.6 71.4

101 1.1 7.9 11.9#

130 2.4 18.4 27.6#

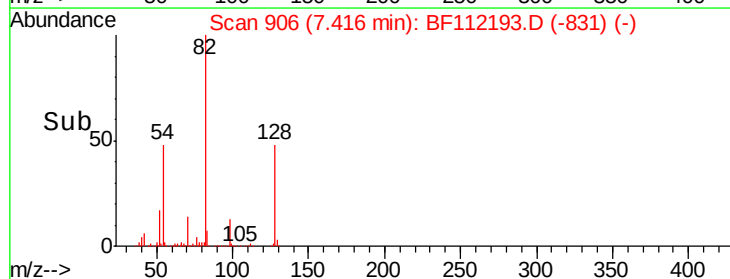
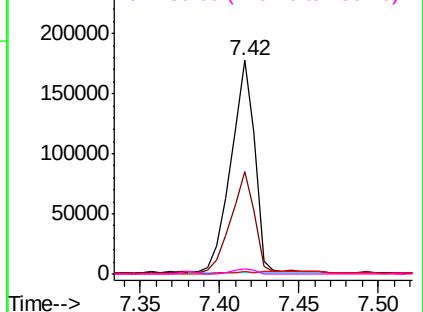


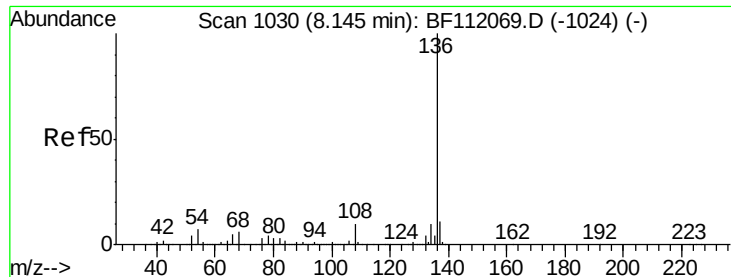
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

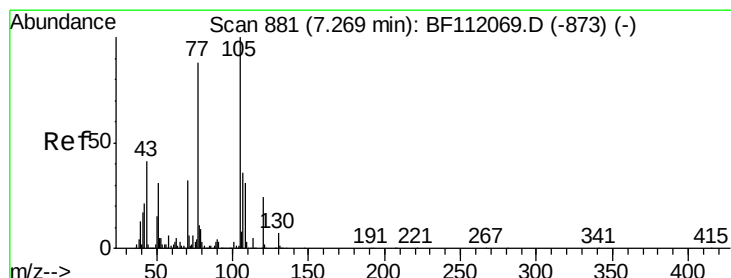
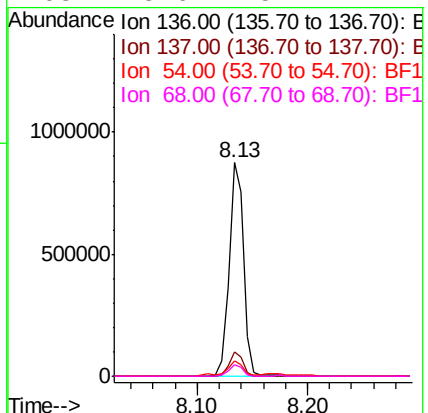
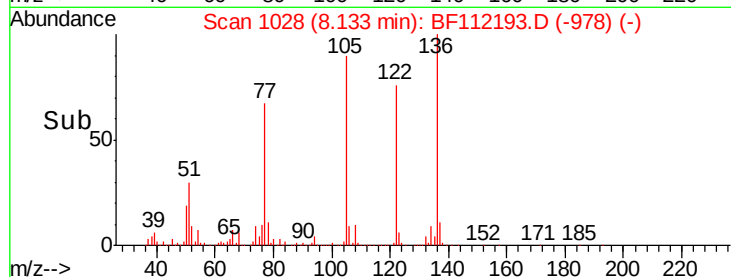
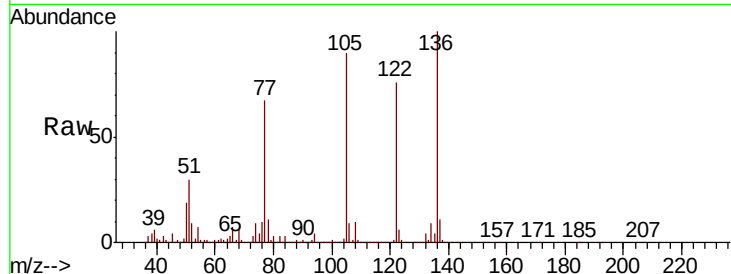




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

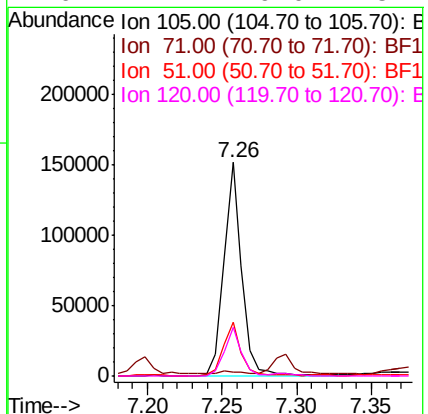
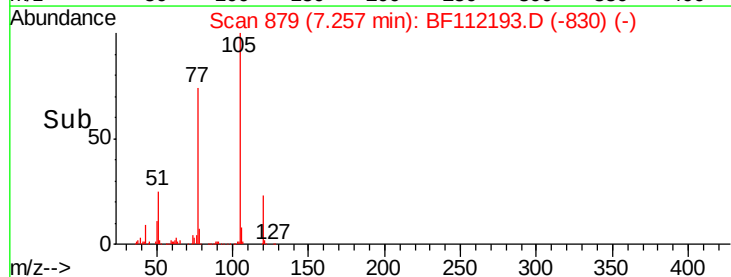
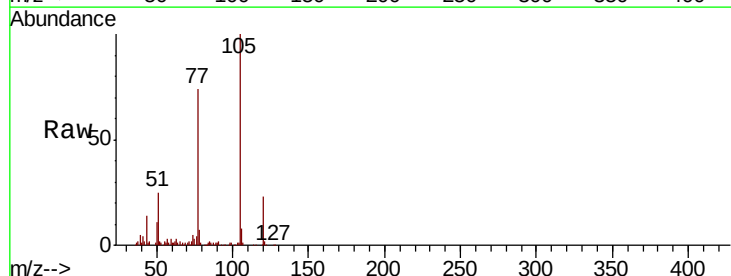
Instrument :
BNA_F
ClientSampleId :
VNJ-219

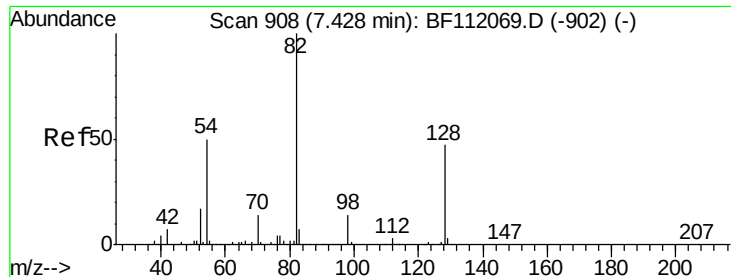
Tot Ion:136	Resp:	800361
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	7.1	5.9 8.9
68	5.6	5.1 7.7



#22
Acetophenone
Concen: 6.995 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Tgt Ion:105	Resp:	129696
Ion Ratio	Lower	Upper
105	100	
71	2.1	4.6 6.8#
51	25.0	25.0 37.6#
120	22.7	19.0 28.4

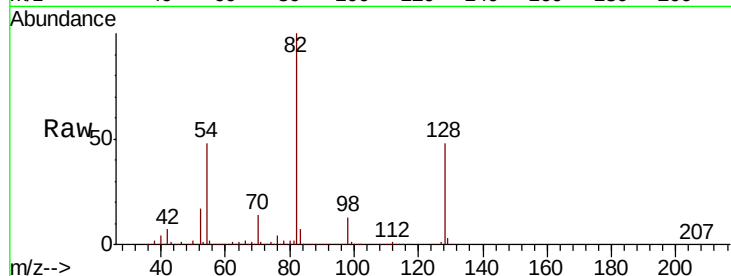




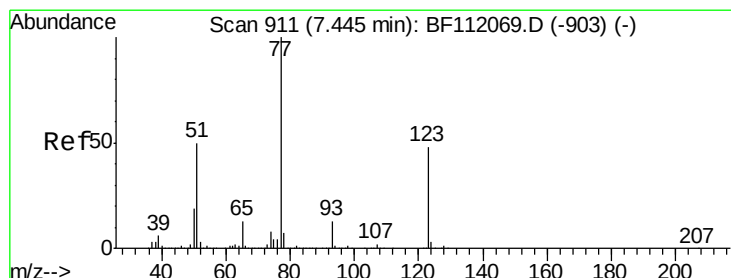
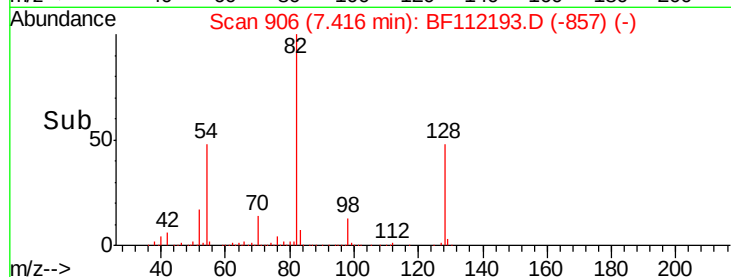
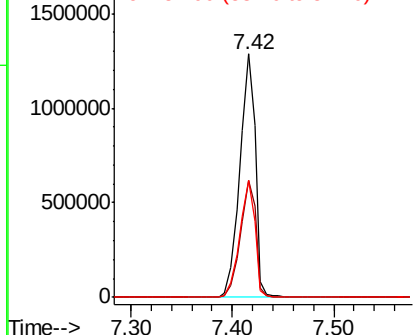
#23
Nitrobenzene-d5
Concen: 118.128 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_F
ClientSampled :
VNJ-219

Tot Ion: 82 Resp: 1368453
Ion Ratio Lower Upper
82 100
128 47.8 37.8 56.8
54 47.8 39.7 59.5

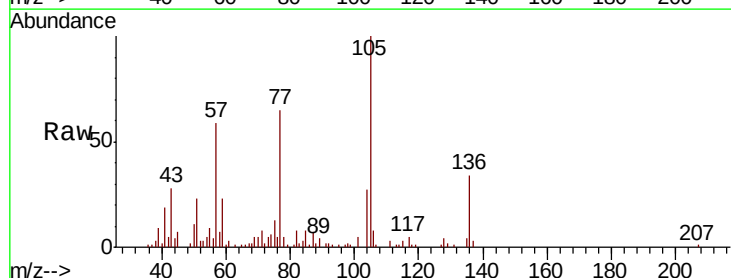


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

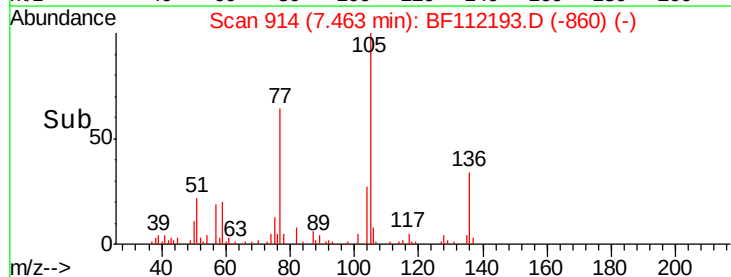
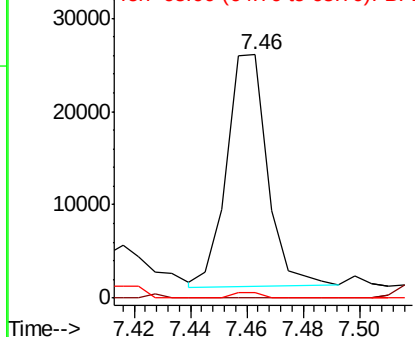


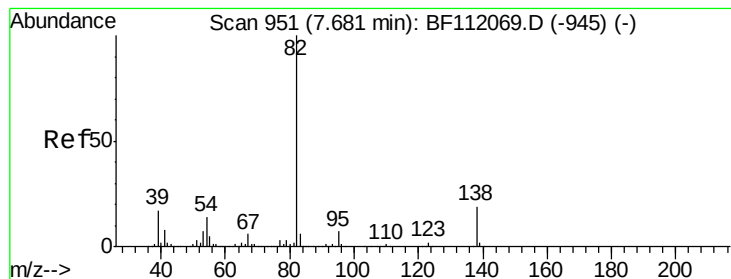
#24
Nitrobenzene
Concen: 2.024 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.02 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Tgt Ion: 77 Resp: 24846
Ion Ratio Lower Upper
77 100
123 0.0 38.4 57.6#
65 2.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 60.587 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

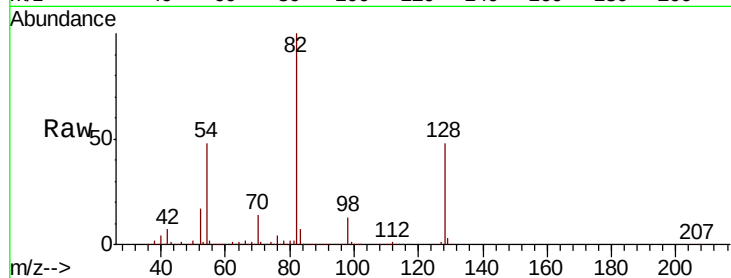
Tot Ion: 82 Resp: 1355684

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

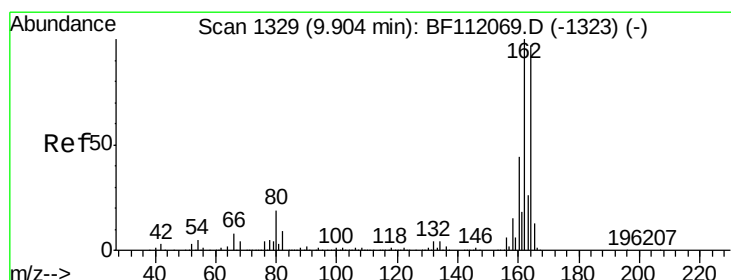
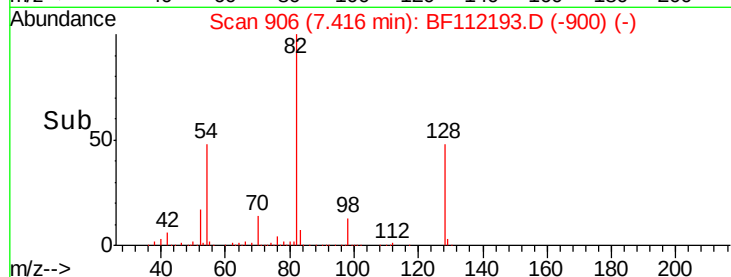
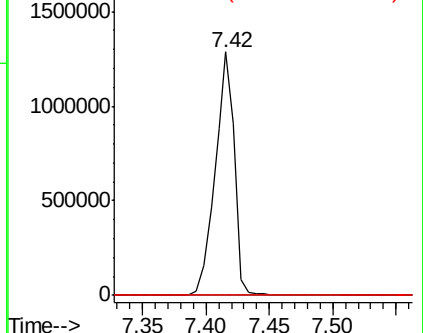
138 0.0 15.4 23.0#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

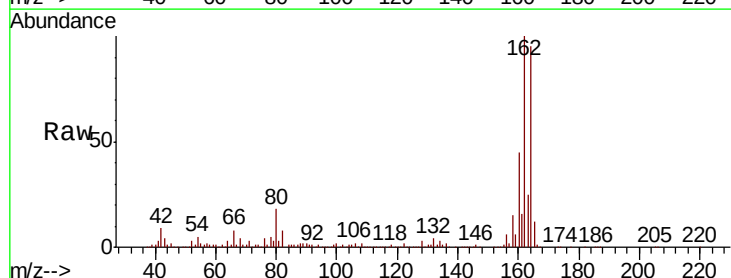
Tgt Ion:164 Resp: 365337

Ion Ratio Lower Upper

164 100

162 104.8 82.2 123.4

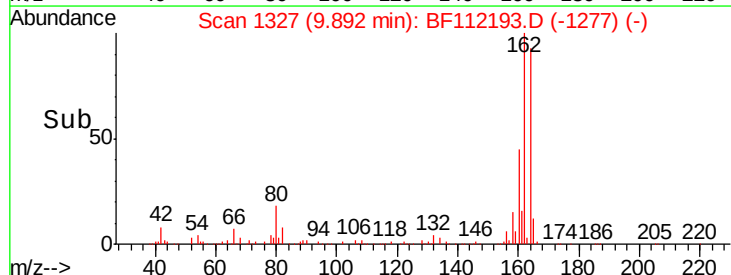
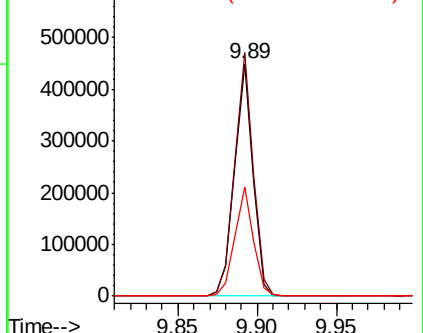
160 46.8 36.2 54.4

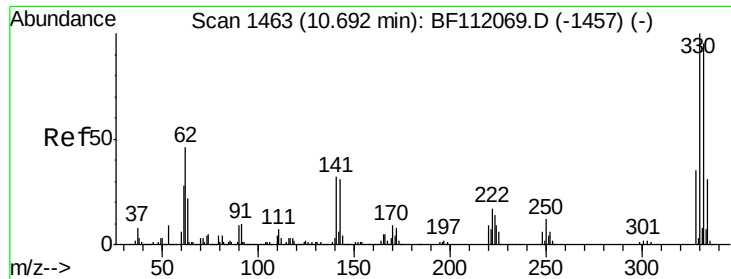


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

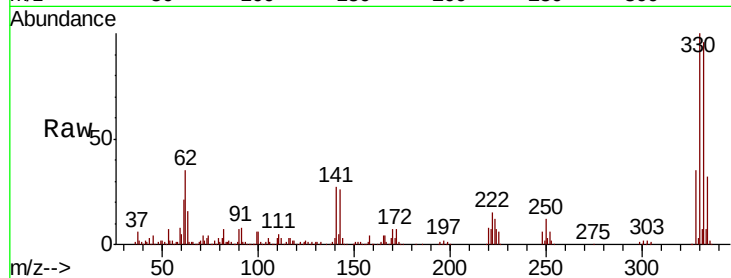




#42
 2,4,6-Tribromophenol
 Concen: 134.624 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF112193.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	33.0	24.3	36.5

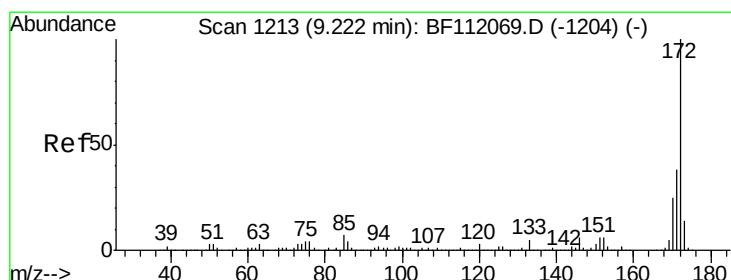
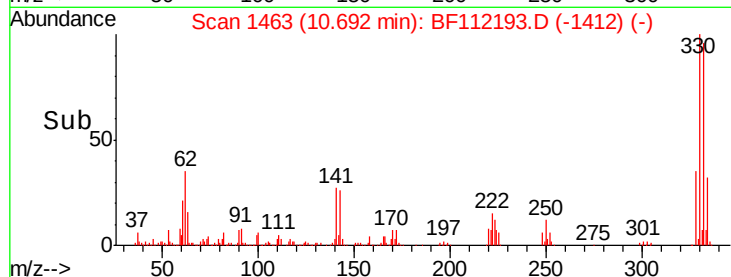
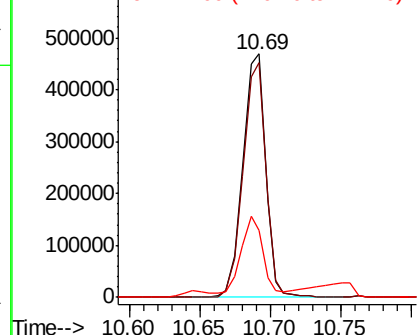


Abundance

Ion 329.80 (329.50 to 330.50): E

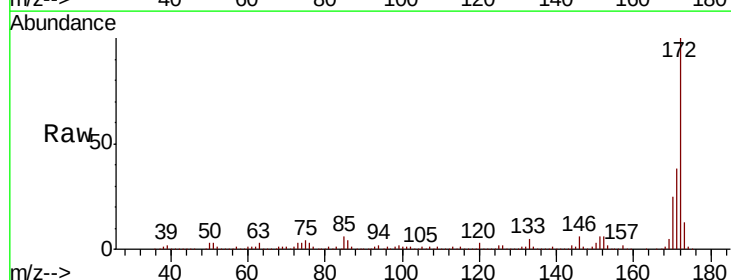
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.134 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112193.D
 Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	25.0	20.2	30.4

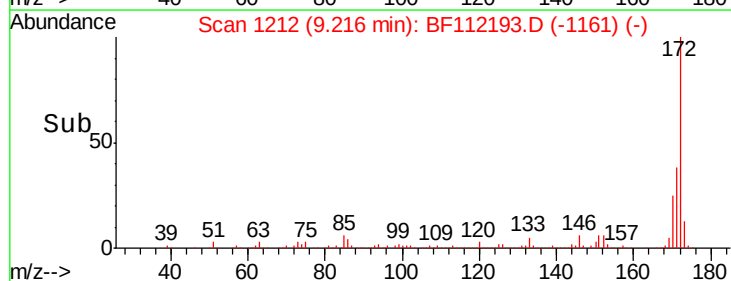
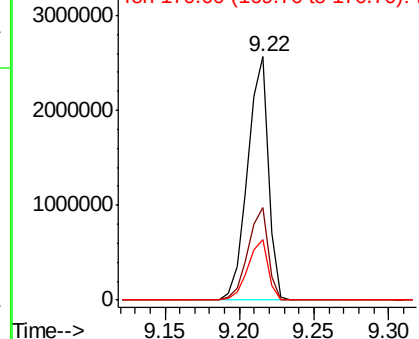


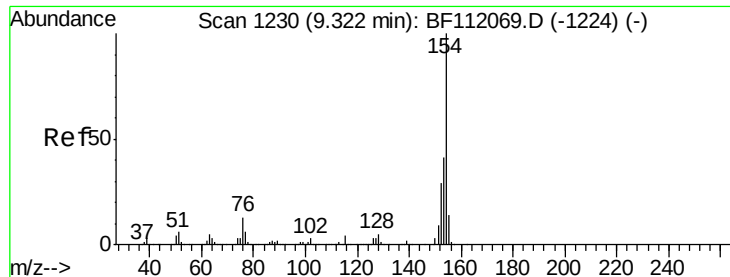
Abundance

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





#46

1,1'-Biphenyl

Concen: 36.799 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

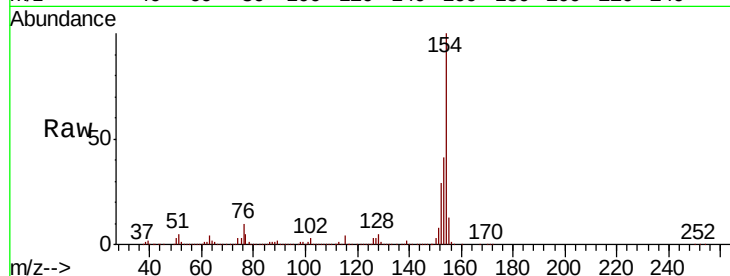
Tot Ion:154 Resp: 1124164

Ion Ratio Lower Upper

154 100

153 40.9 21.5 61.5

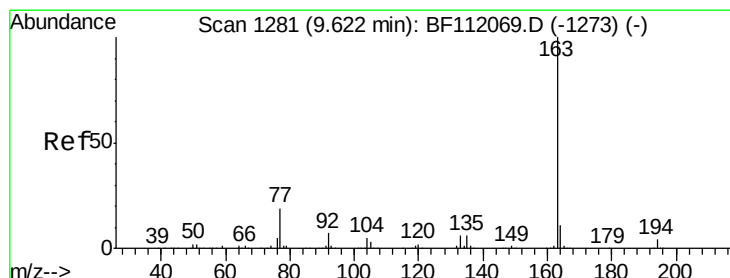
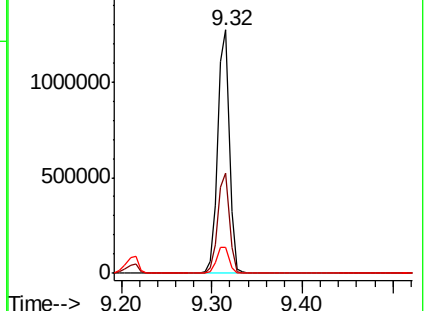
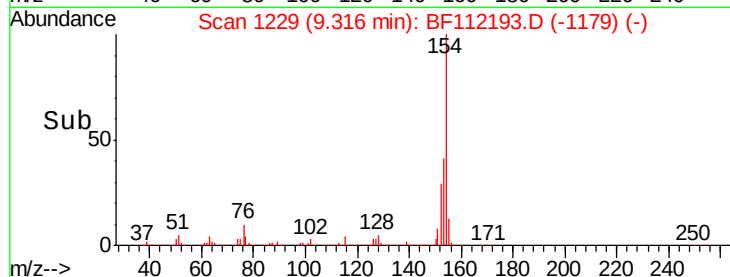
76 10.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#50

Dimethylphthalate

Concen: 5.574 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

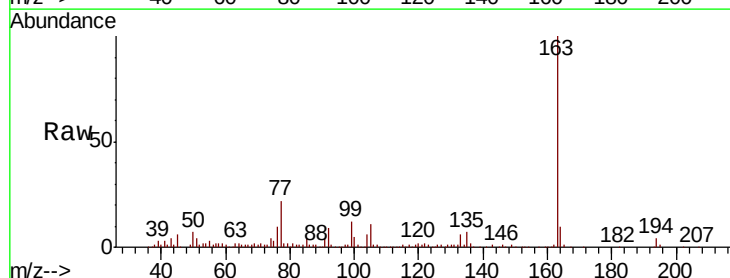
Tgt Ion:163 Resp: 148509

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

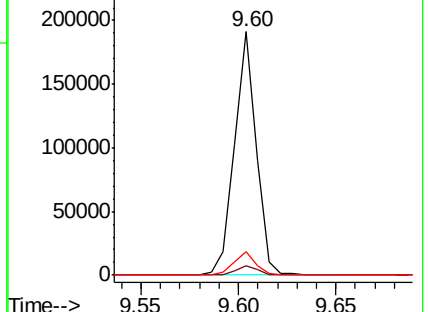
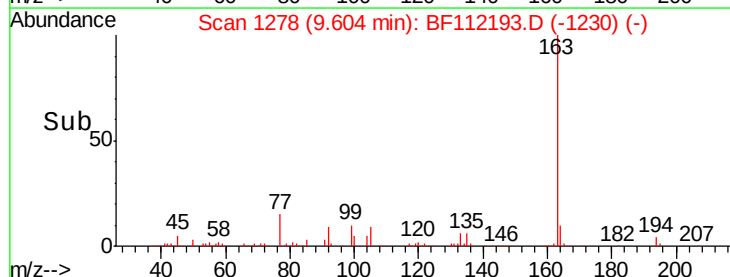
164 9.8 8.5 12.7

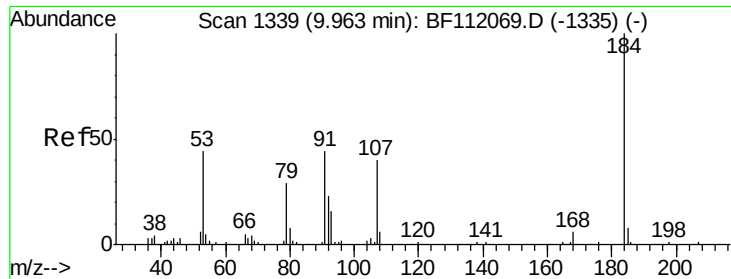


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

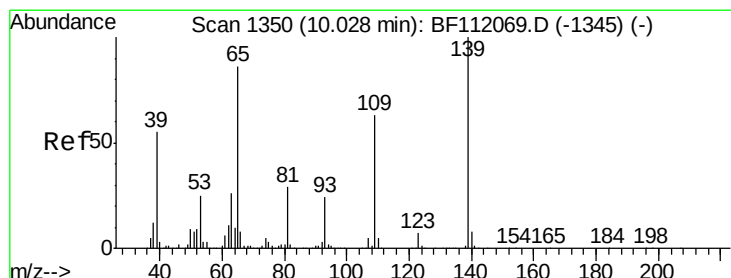
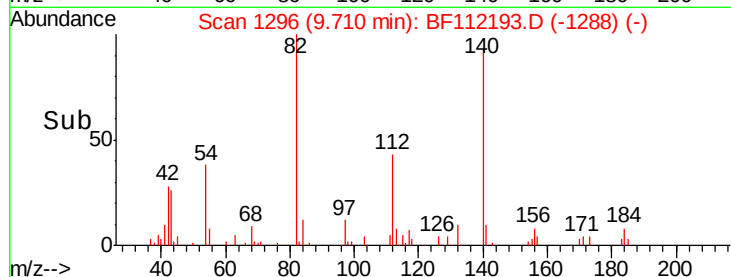
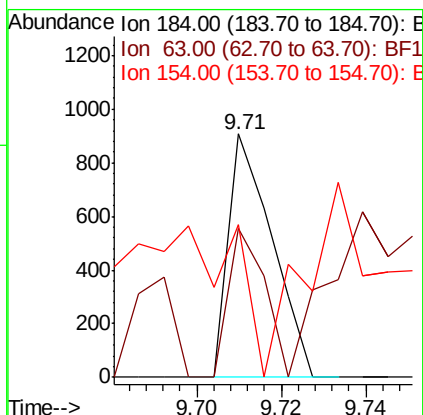
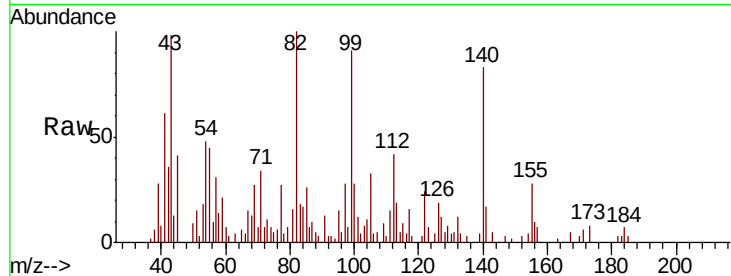




#54
2,4-Dinitrophenol
Concen: 8.367 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.25 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

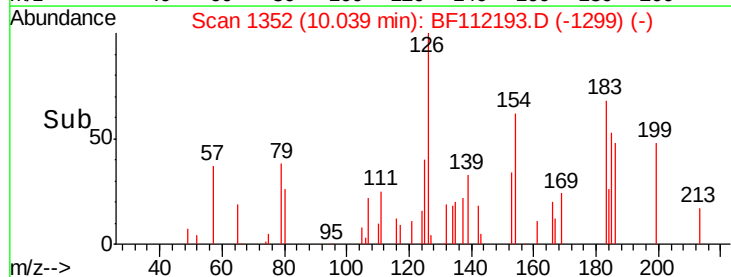
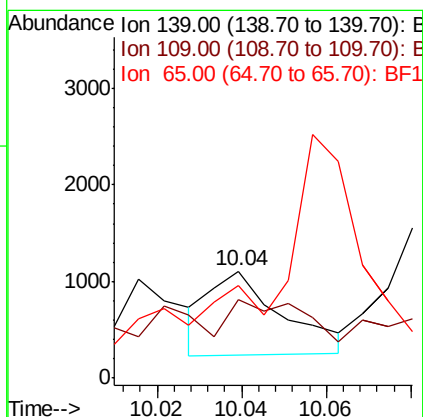
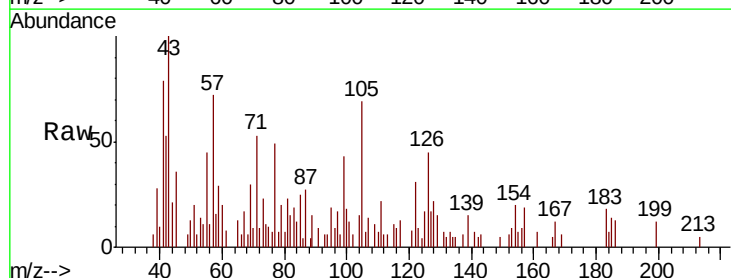
Instrument :
BNA_F
ClientSampleId :
VNJ-219

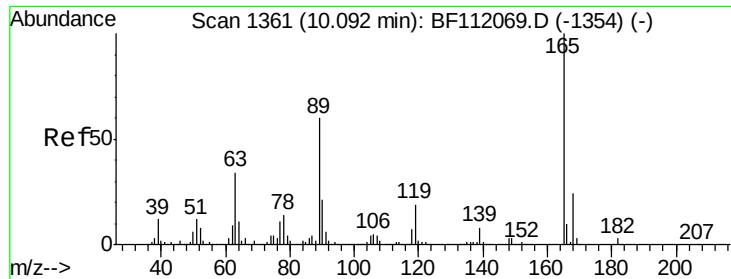
Tot Ion:184 Resp: 651
Ion Ratio Lower Upper
184 100
63 60.9 47.1 70.7
154 63.0 48.9 73.3



#56
4-Nitrophenol
Concen: 5.881 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Tgt Ion:139 Resp: 1035
Ion Ratio Lower Upper
139 100
109 73.1 42.8 82.8
65 86.5 66.1 106.1

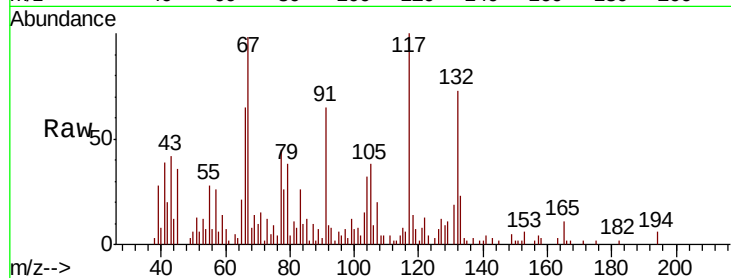




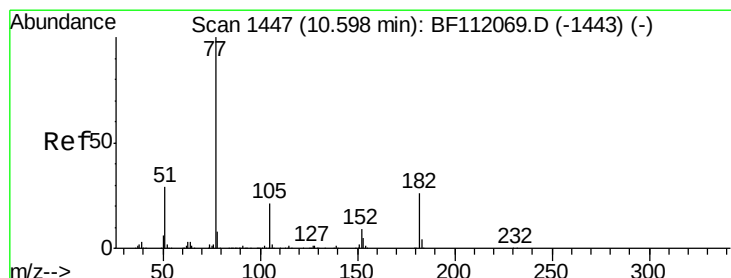
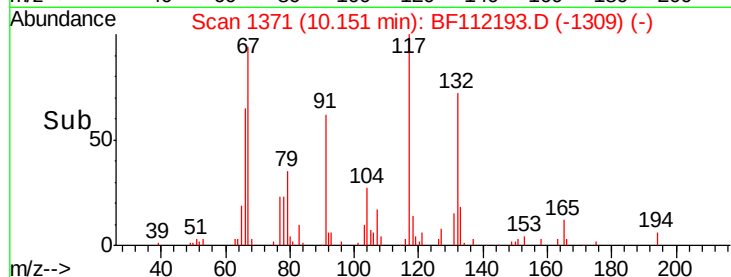
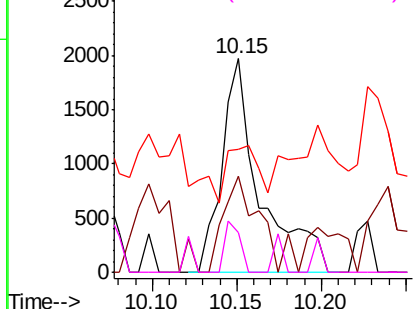
#57
2,4-Dinitrotoluene
Concen: 4.993 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.06 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tot Ion:165 Resp: 3104
Ion Ratio Lower Upper
165 100
63 45.1 27.9 41.9#
89 57.5 47.9 71.9
182 18.5 2.2 3.4#

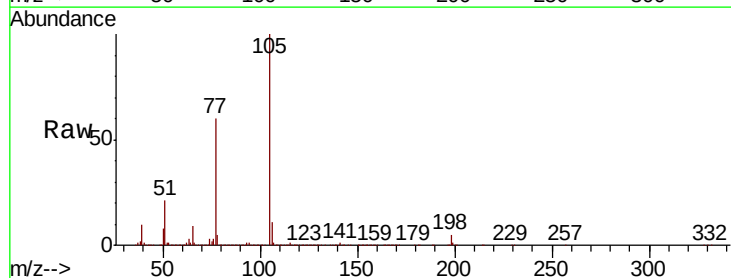


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

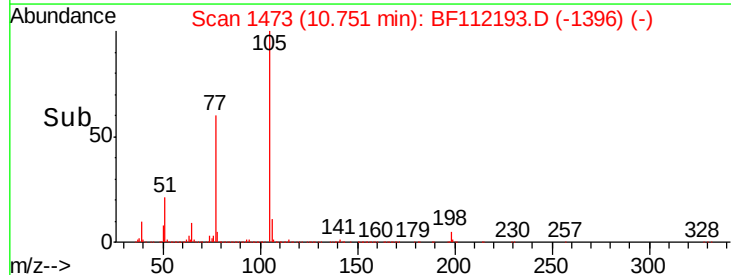
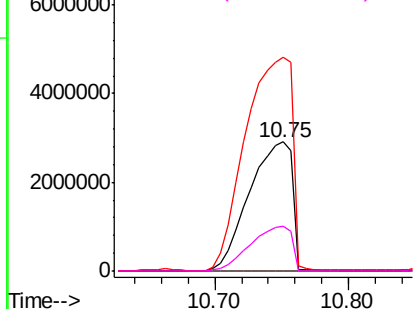


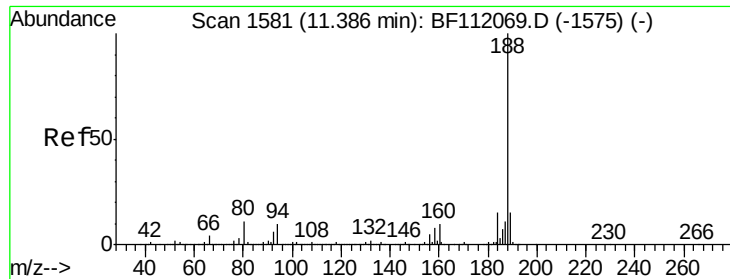
#63
Azobenzene
Concen: 259.923 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.15 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Tgt Ion: 77 Resp: 6473587
Ion Ratio Lower Upper
77 100
182 0.0 5.7 45.7#
105 165.7 1.4 41.4#
51 35.0 9.5 49.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

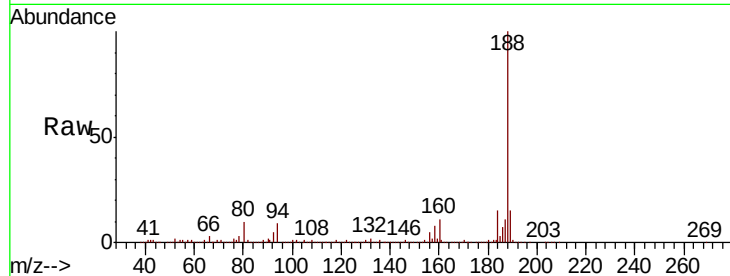
Tot Ion:188 Resp: 568846

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

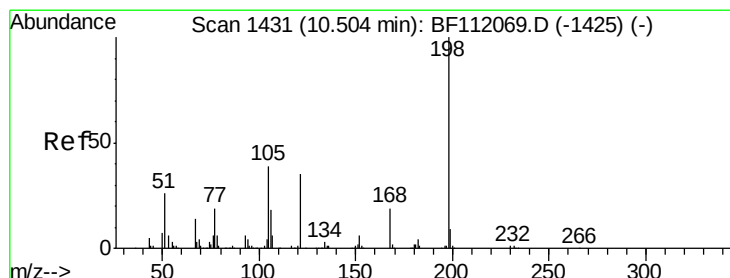
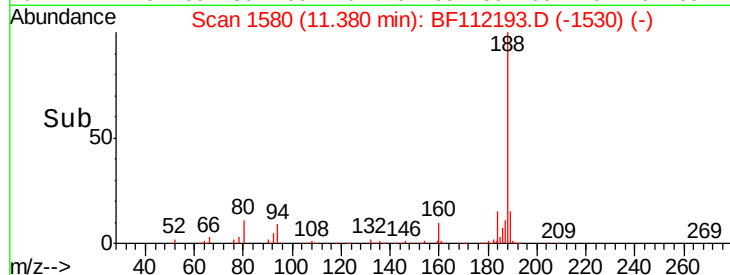
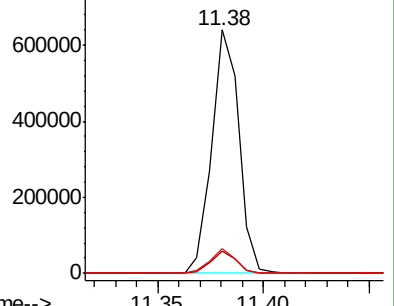
80 10.3 8.9 13.3



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: 186.794 ng

RT: 10.76 min Scan# 1474

Delta R.T. 0.25 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

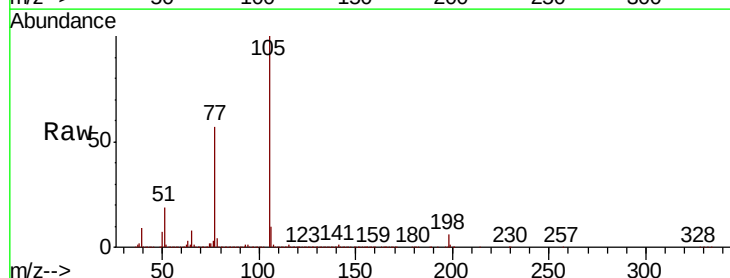
Tgt Ion:198 Resp: 530593

Ion Ratio Lower Upper

198 100

51 340.9 17.2 57.2#

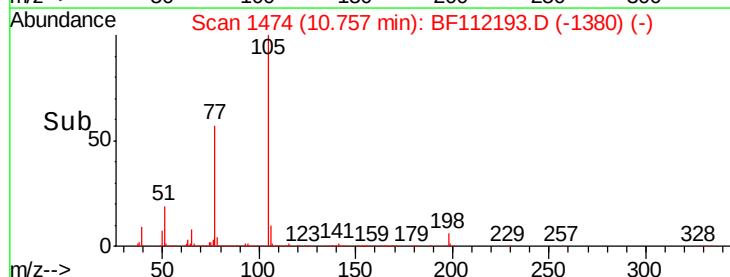
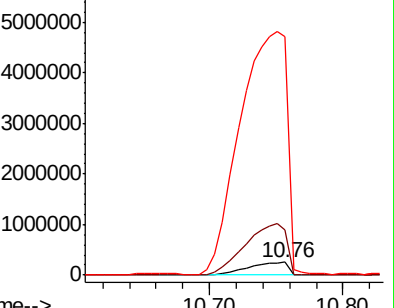
105 1809.3 21.9 61.9#

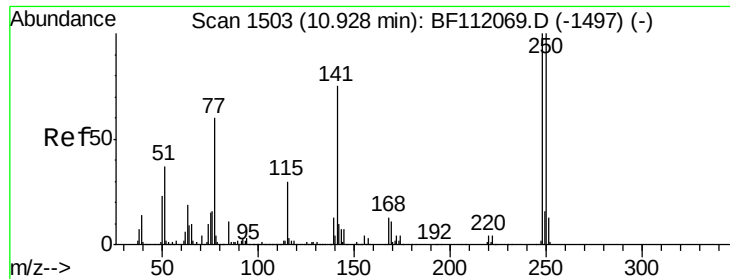


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

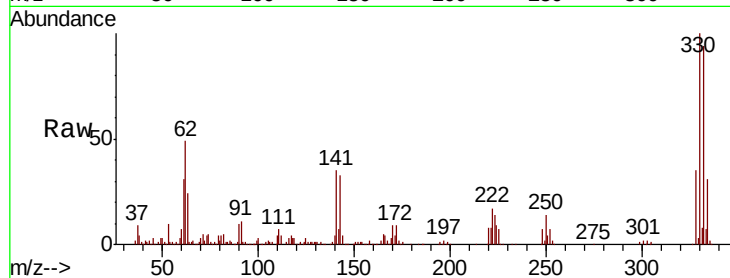




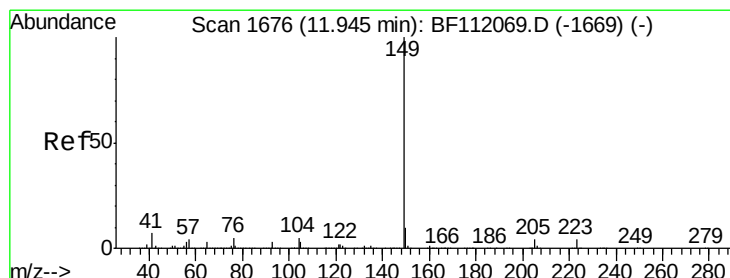
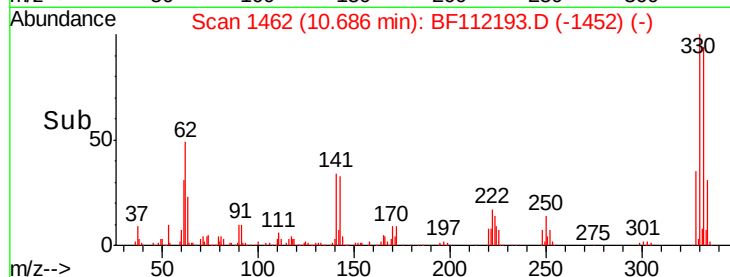
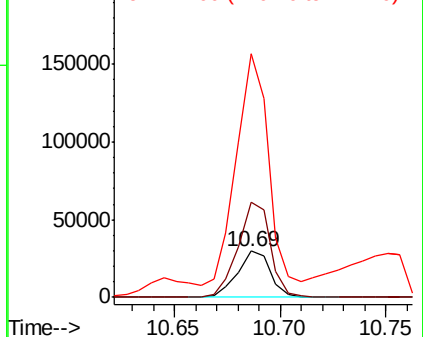
#67
4-Bromophenyl-phenylether
Concen: 4.861 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tot Ion:248 Resp: 32121
Ion Ratio Lower Upper
248 100
250 205.1 79.7 119.5#
141 526.1 60.3 90.5#

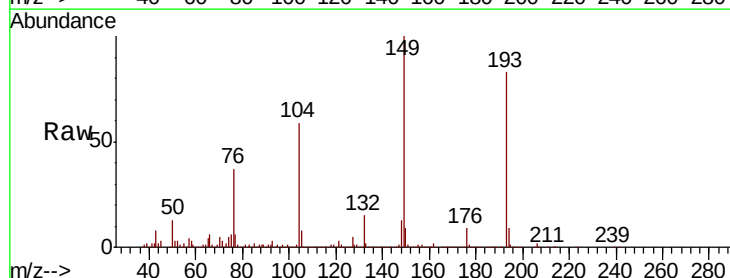


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

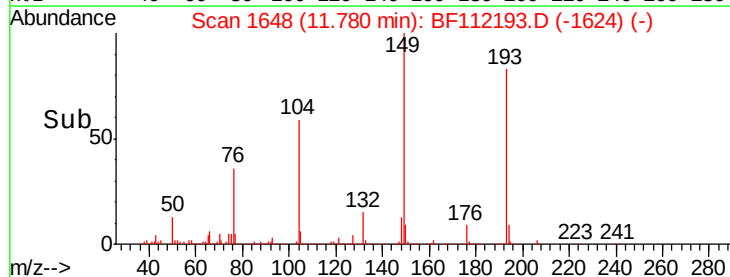
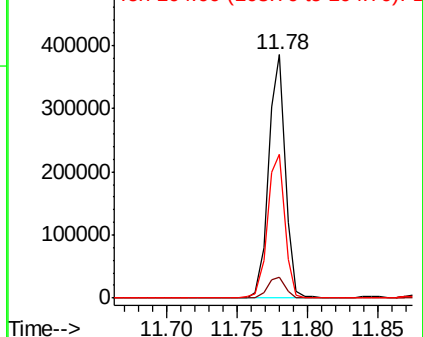


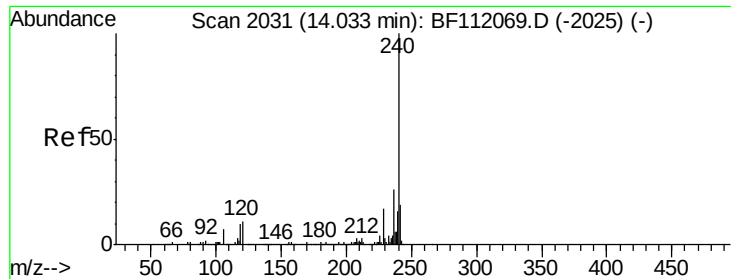
#74
Di-n-butylphthalate
Concen: 9.829 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.16 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Tgt Ion:149 Resp: 321182
Ion Ratio Lower Upper
149 100
150 8.7 8.1 12.1
104 59.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

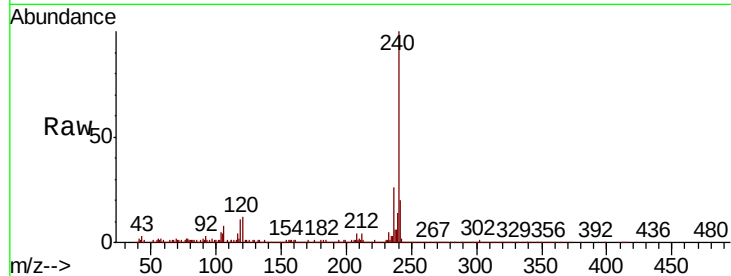
Tot Ion:240 Resp: 490846

Ion Ratio Lower Upper

240 100

120 12.4 9.0 13.6

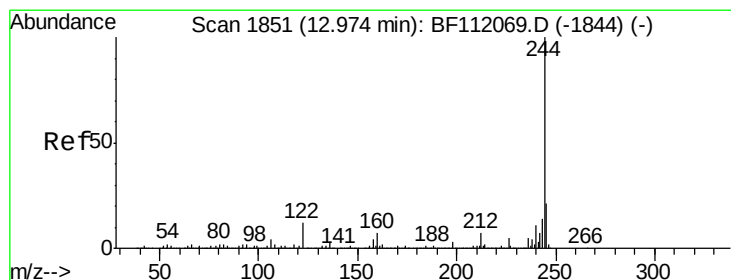
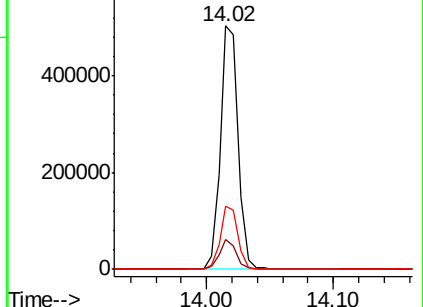
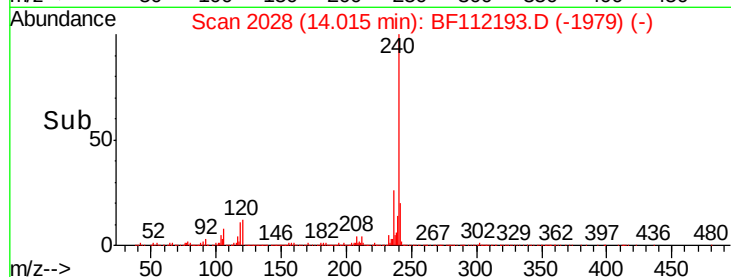
236 26.1 20.7 31.1



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: 89.346 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

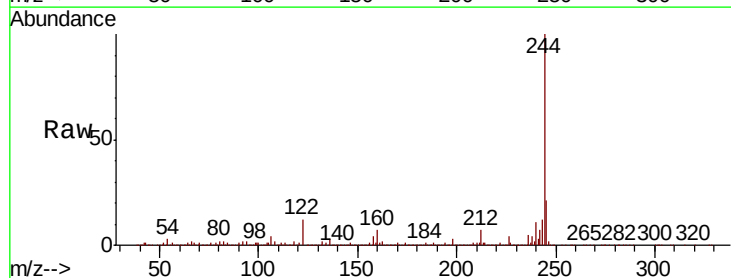
Tgt Ion:244 Resp: 2061470

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

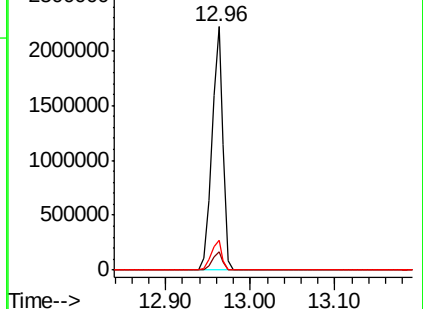
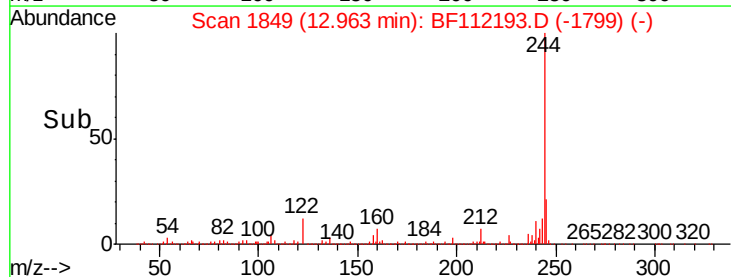
122 12.1 9.8 14.6

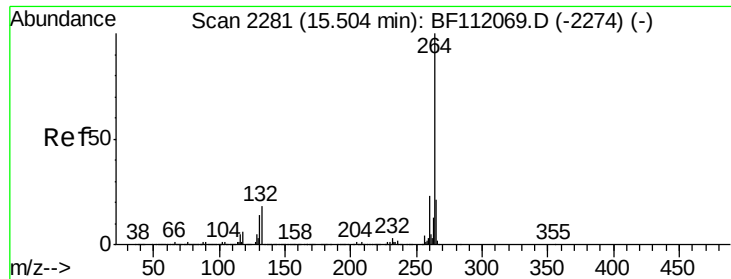


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF112193.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Tot Ion:	264	Resp:	367017
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.4	17.0	25.4

