

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112132.D
 Acq On : 18 Jan 2019 18:47
 Operator : JU/SJ
 Sample : K1011-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

Quant Time: Jan 18 23:37:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	283930	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1058457	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	509779	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	872667	20.00	ng	0.00
76) Chrysene-d12	14.02	240	645734	20.00	ng	0.00
87) Perylene-d12	15.49	264	624275	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1700539	108.71	ng	0.01
7) Phenol-d6	6.50	99	1935372	98.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	1495871	97.64	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	694785	126.34	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2820256	81.11	ng	0.00
79) Terphenyl-d14	12.97	244	2474021	81.51	ng	0.00

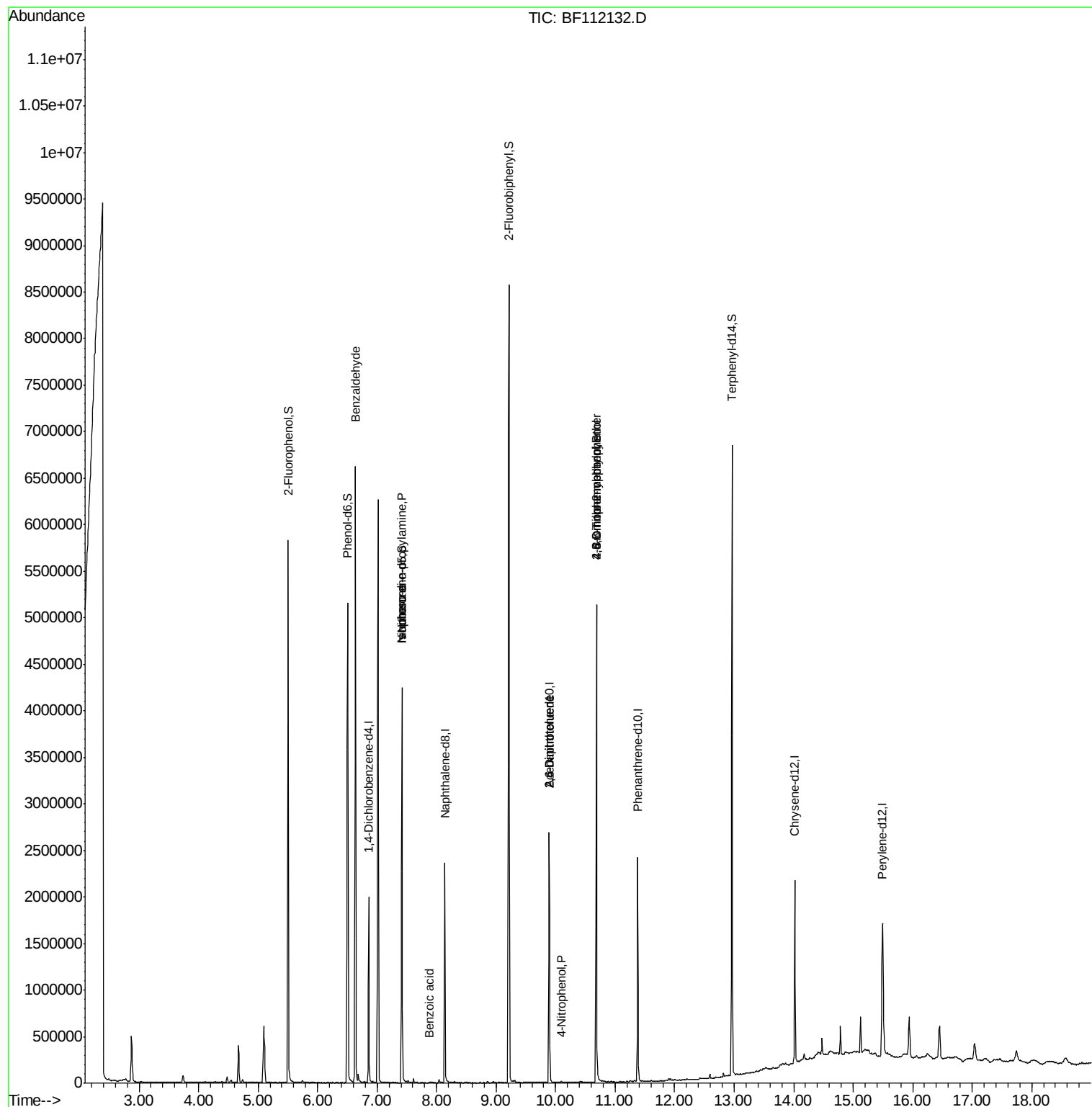
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.64	77	44334	2.354	ng	80
19) n-Nitroso-di-n-propylamine	7.42	70	203179	17.040	ng	# 74
25) Isophorone	7.42	82	1477202	49.920	ng	# 64
32) Benzoic acid	7.89	122	1235	7.384	ng	92
51) 2,6-Dinitrotoluene	9.89	165	65948	8.883	ng	# 34
56) 4-Nitrophenol	10.10	139	649	5.757	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	65948	10.841	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.69	198	1383	10.370	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	40802	4.025	ng	# 1

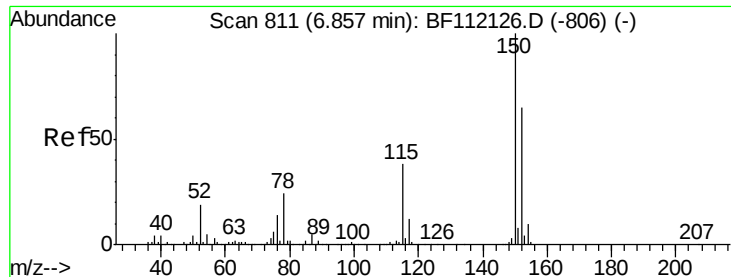
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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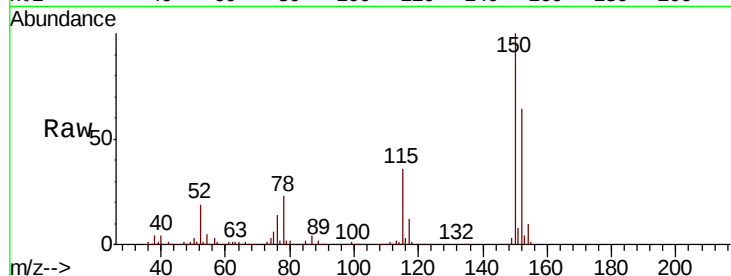


#1

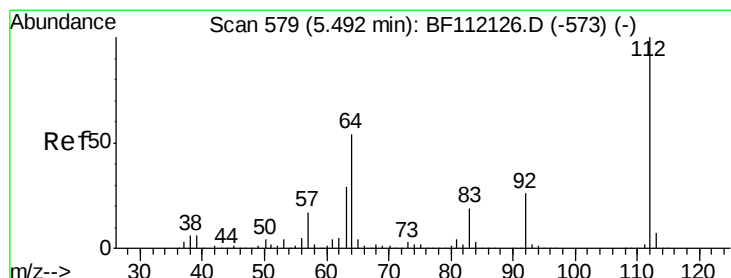
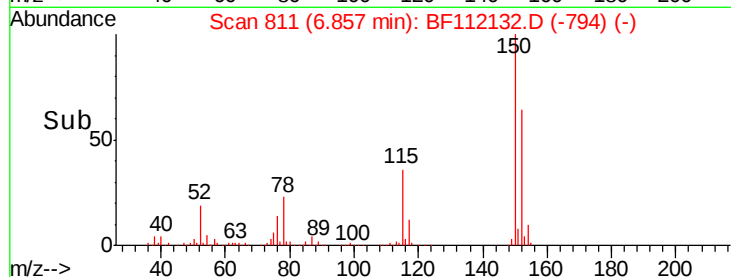
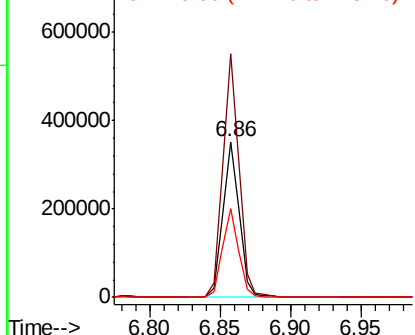
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112132.D
Acq: 18 Jan 2019 18:47

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-A

Tgt Ion:152 Resp: 283930
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 57.0 45.5 68.3



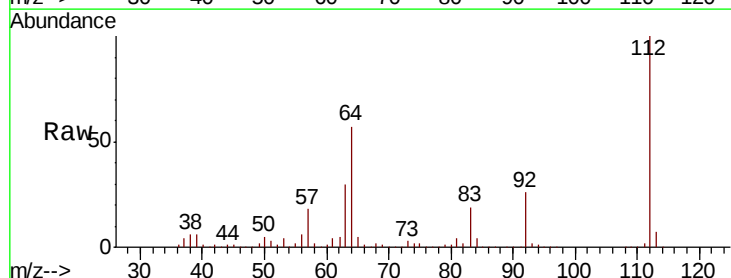
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



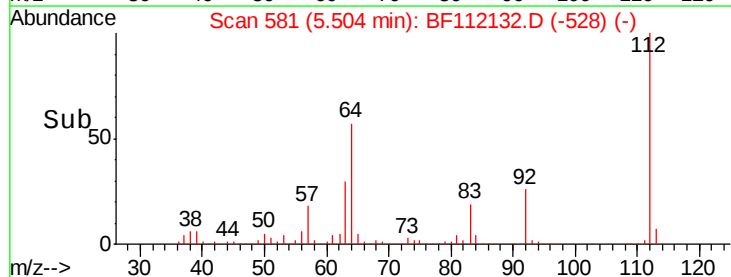
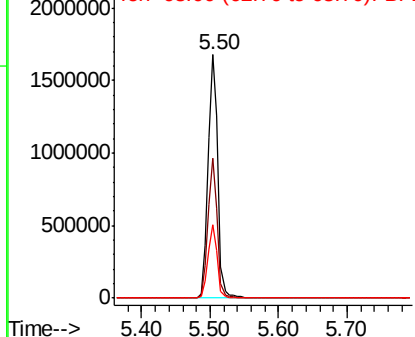
#5

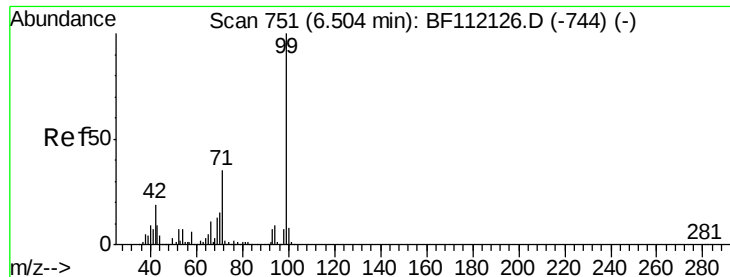
2-Fluorophenol
Concen: 108.708 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112132.D
Acq: 18 Jan 2019 18:47

Tgt Ion:112 Resp: 1700539
Ion Ratio Lower Upper
112 100
64 57.3 45.7 68.5
63 30.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.885 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

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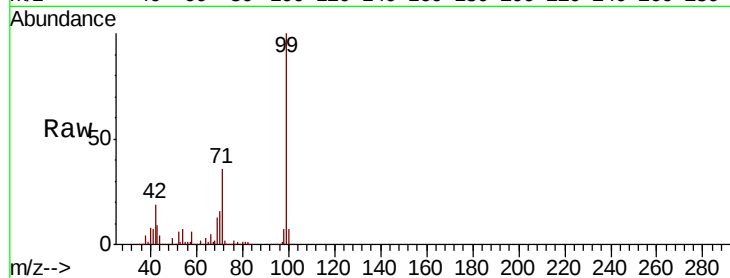
Tgt Ion: 99 Resp: 1935372

Ion Ratio Lower Upper

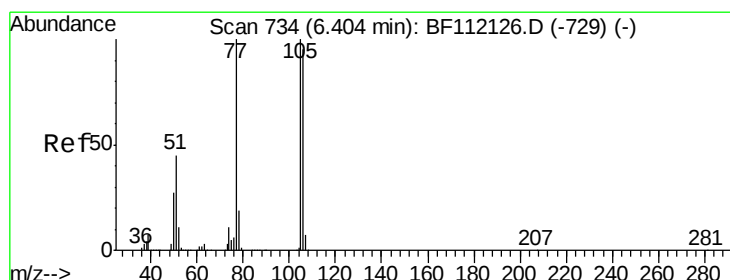
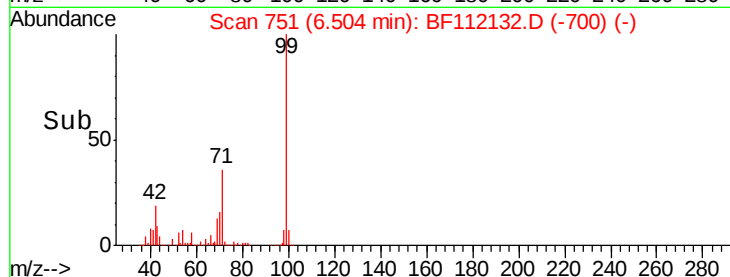
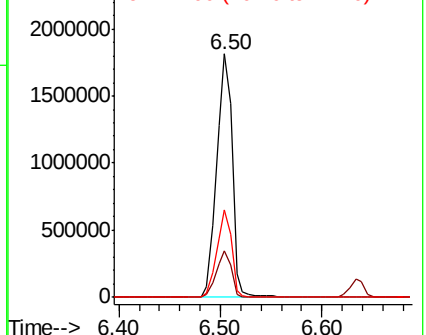
99 100

42 19.2 15.1 22.7

71 35.9 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: 2.354 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.24 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

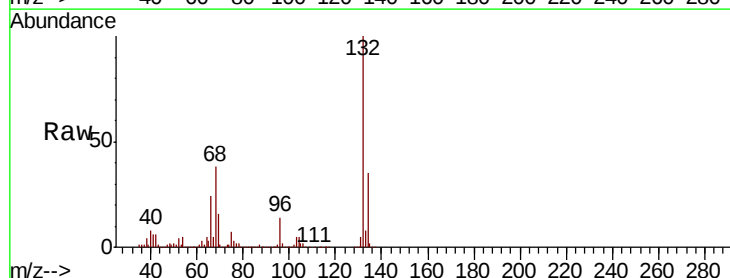
Tgt Ion: 77 Resp: 44334

Ion Ratio Lower Upper

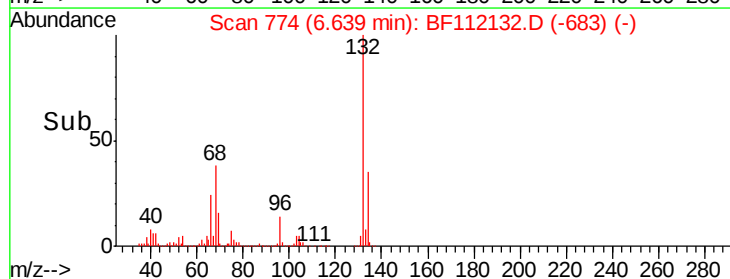
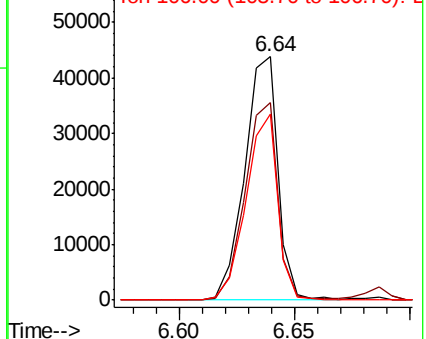
77 100

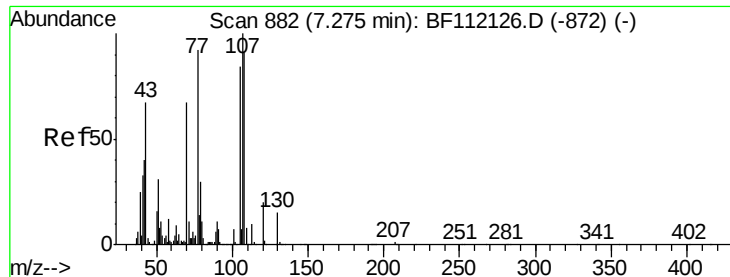
105 81.3 80.8 120.8

106 76.3 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

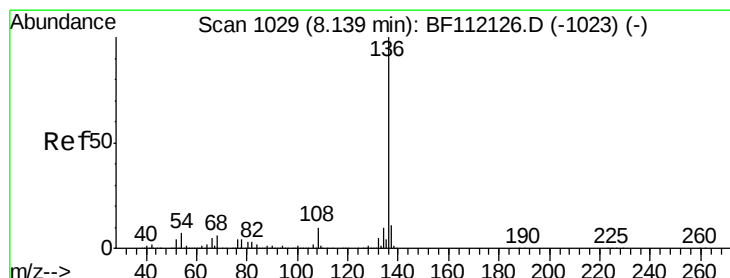
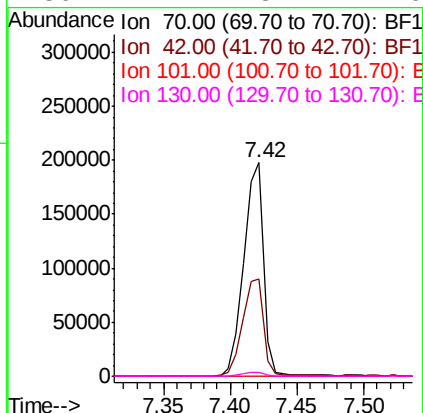
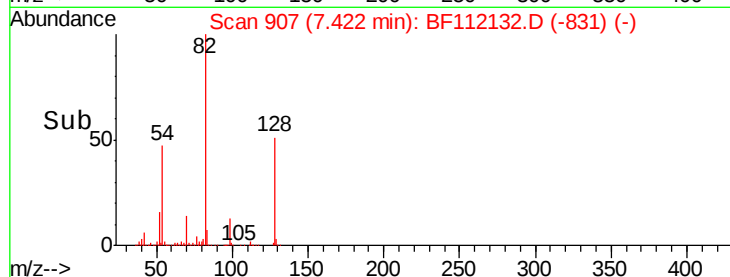
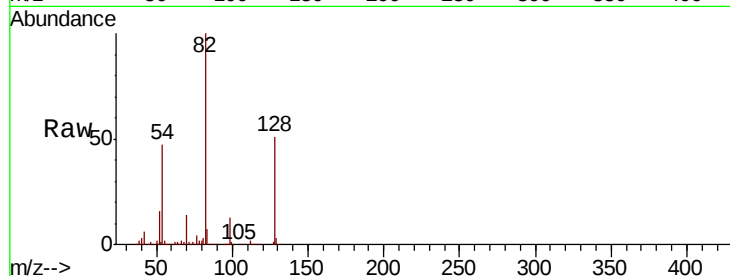




#19
n-Nitroso-di-n-propylamine
Concen: 17.040 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF112132.D
Acq: 18 Jan 2019 18:47

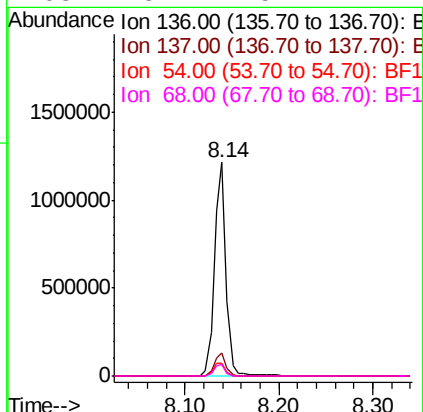
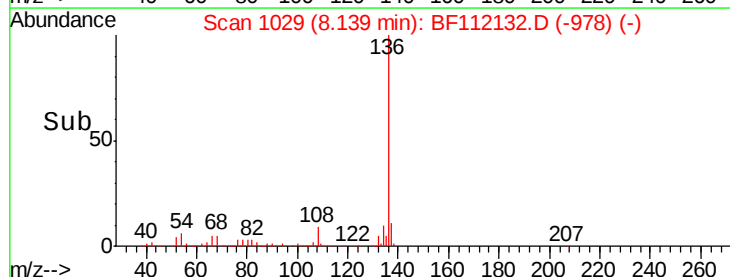
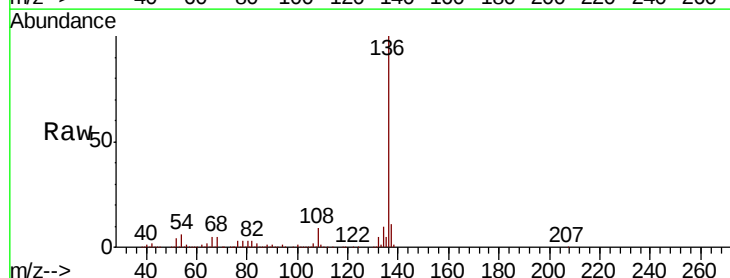
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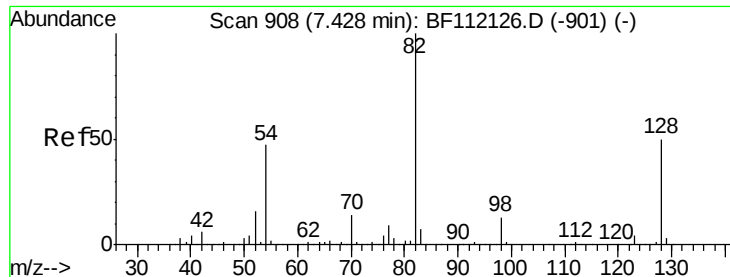
Tgt Ion: 70 Resp: 203179
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 7.9 11.9#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112132.D
Acq: 18 Jan 2019 18:47

Tgt Ion: 136 Resp: 1058457
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.3 5.9 8.9
68 5.4 5.1 7.7

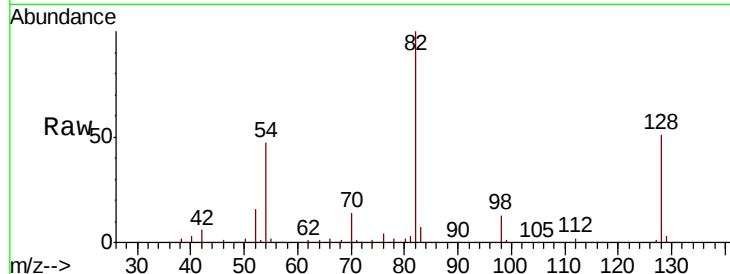




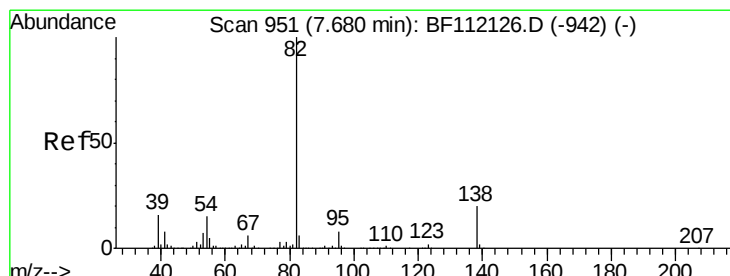
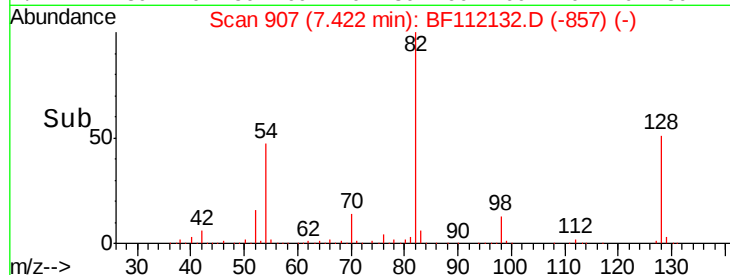
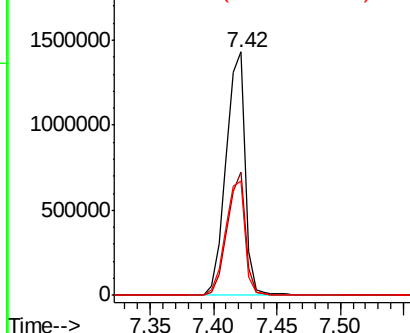
#23
 Nitrobenzene-d5
 Concen: 97.640 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

Tgt Ion: 82 Resp: 1495871
 Ion Ratio Lower Upper
 82 100
 128 50.9 37.8 56.8
 54 47.1 39.7 59.5

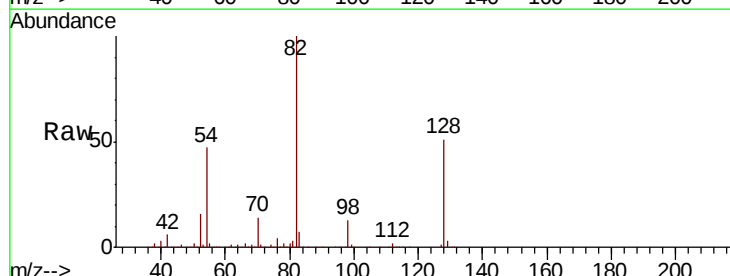


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

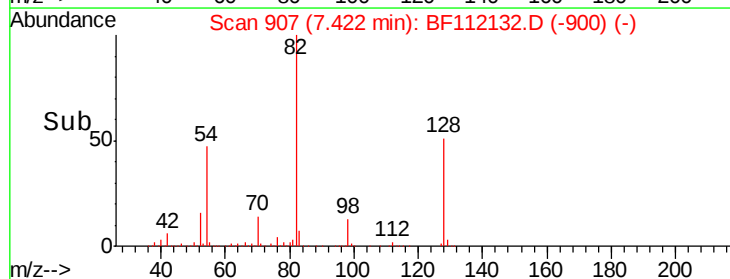
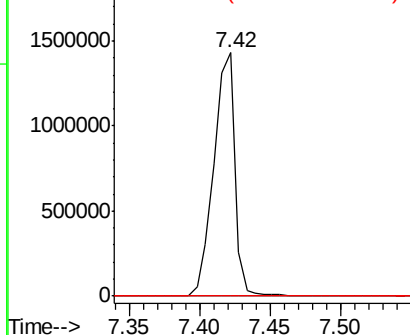


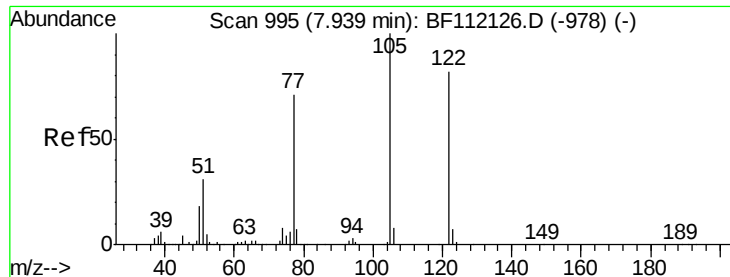
#25
 Isophorone
 Concen: 49.920 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.26 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Tgt Ion: 82 Resp: 1477202
 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

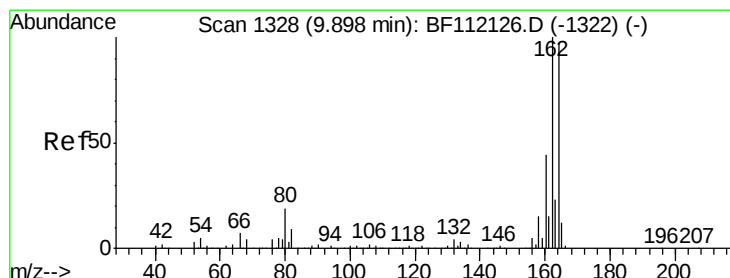
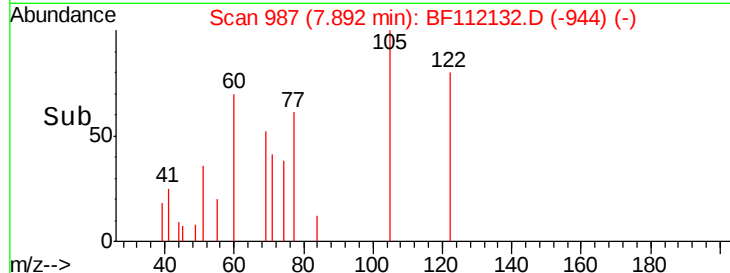
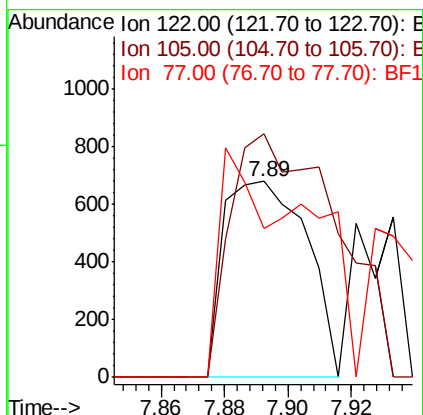
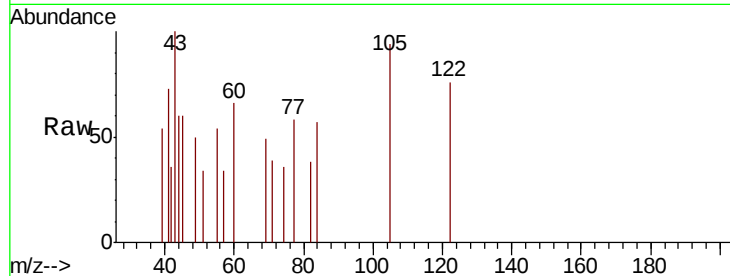




#32
Benzoic acid
Concen: 7.384 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.05 min
Lab File: BF112132.D
Acq: 18 Jan 2019 18:47

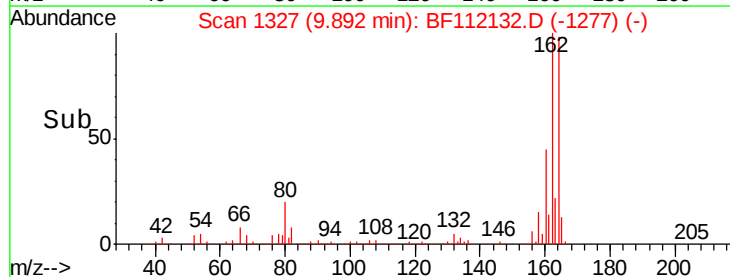
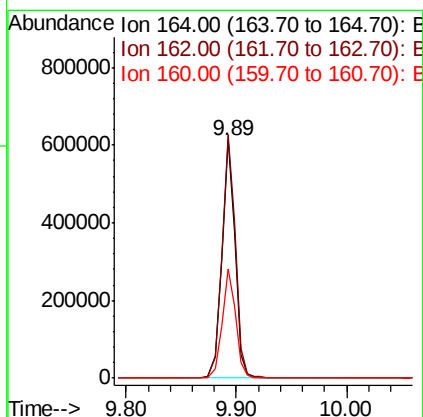
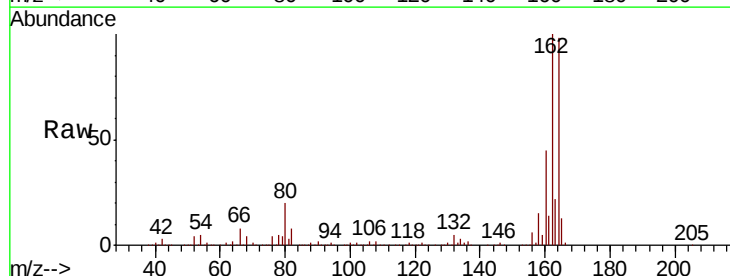
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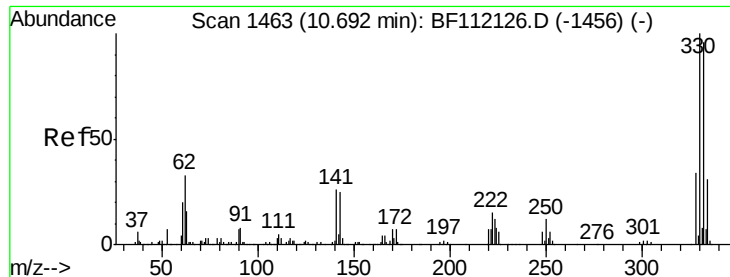
Tgt Ion:122 Resp: 1235
Ion Ratio Lower Upper
122 100
105 124.4 101.2 141.2
77 76.0 70.4 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112132.D
Acq: 18 Jan 2019 18:47

Tgt Ion:164 Resp: 509779
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.4
160 45.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 126.338 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-A

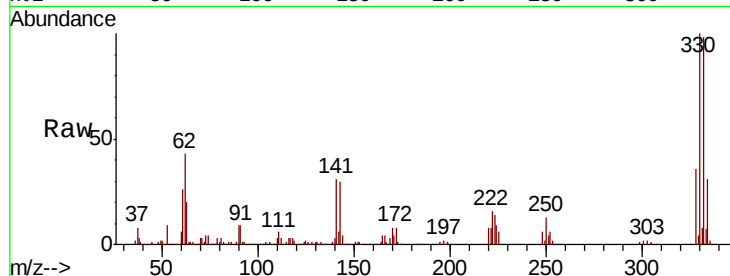
Tgt Ion:330 Resp: 694785

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

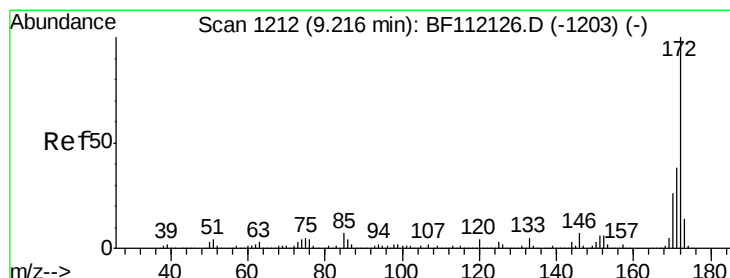
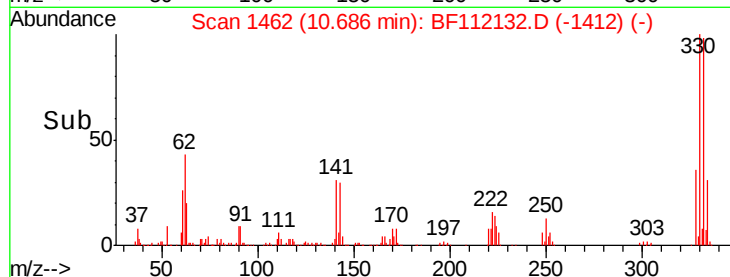
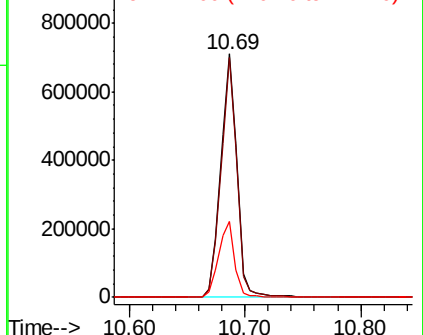
141 31.2 24.3 36.5



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: 81.110 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

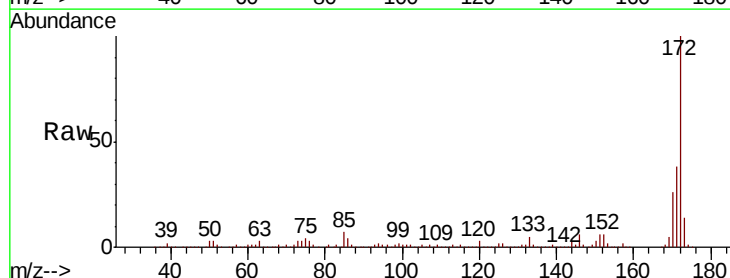
Tgt Ion:172 Resp: 2820256

Ion Ratio Lower Upper

172 100

171 38.5 30.5 45.7

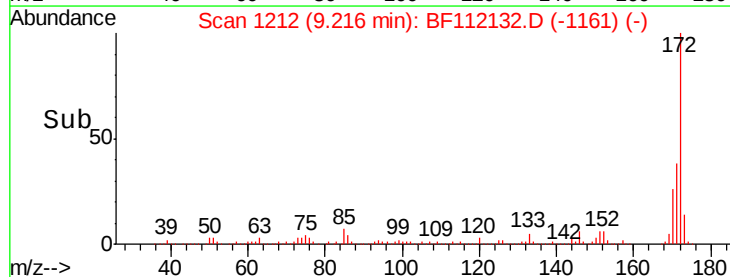
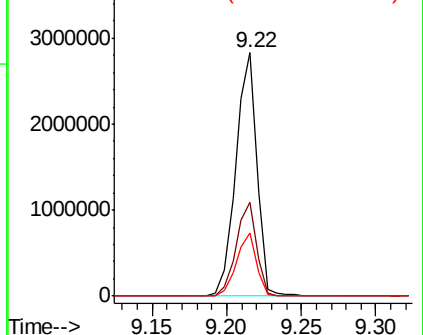
170 25.7 20.2 30.4

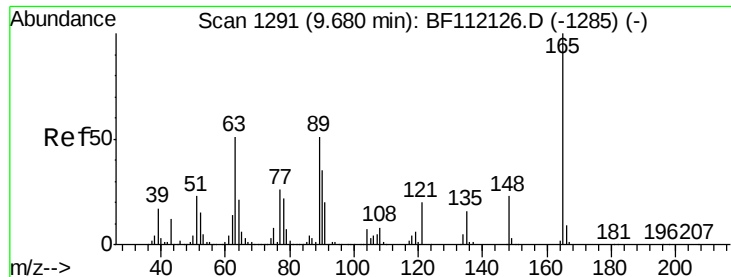


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

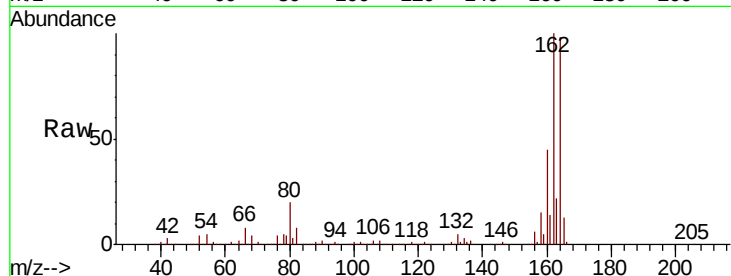




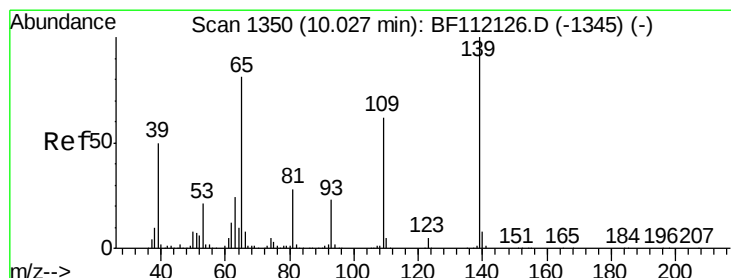
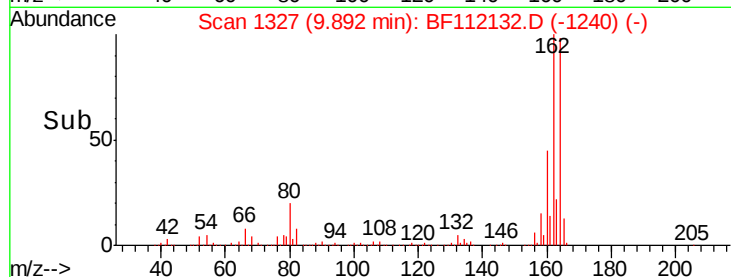
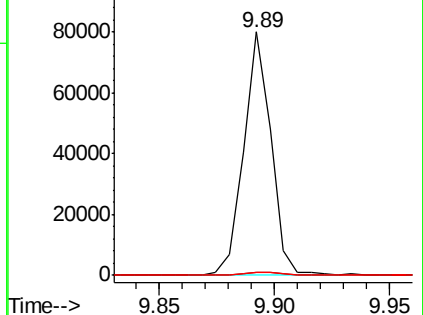
#51
 2,6-Dinitrotoluene
 Concen: 8.883 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.4	36.9	55.3#

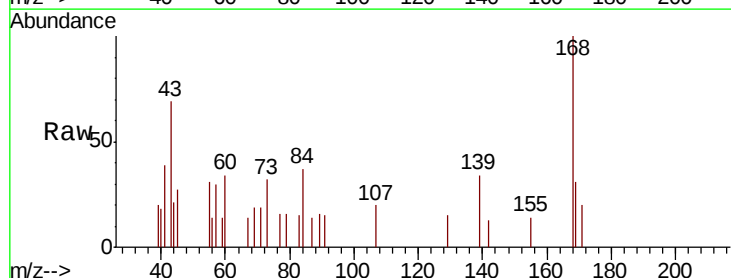


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

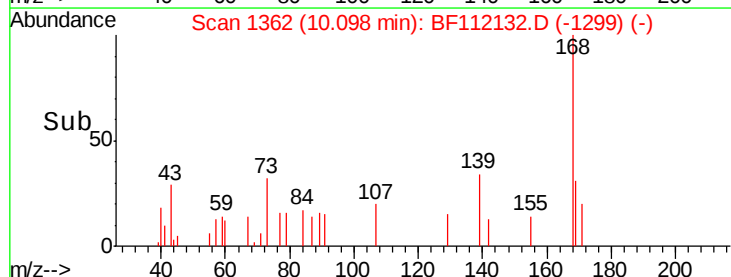
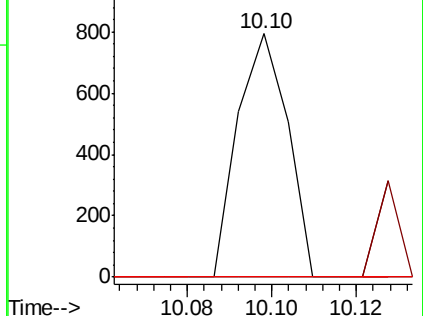


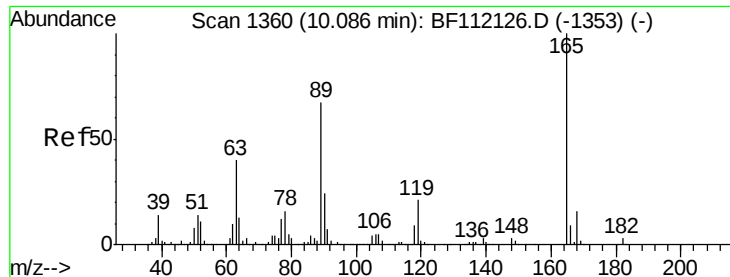
#56
 4-Nitrophenol
 Concen: 5.757 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.07 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	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

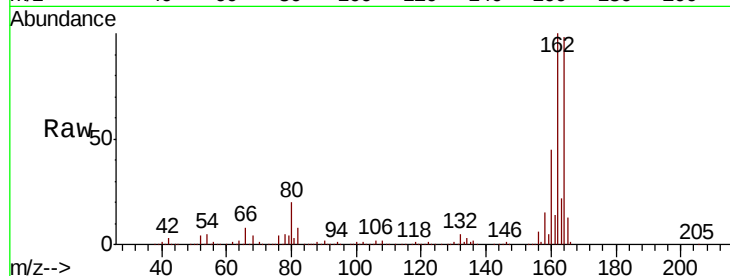




#57
 2,4-Dinitrotoluene
 Concen: 10.841 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.4	47.9	71.9#
182	0.0	2.2	3.4#



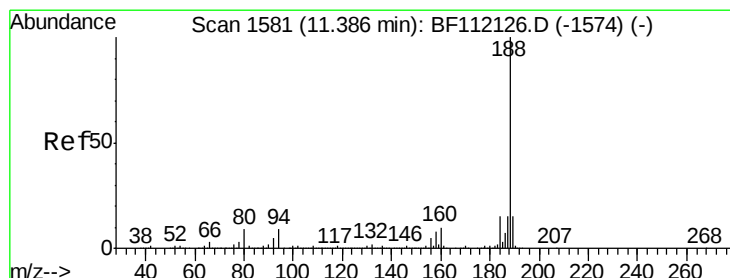
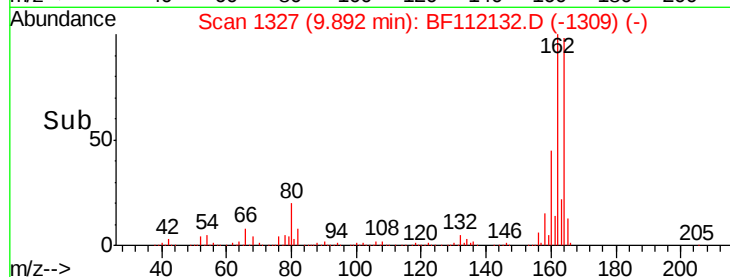
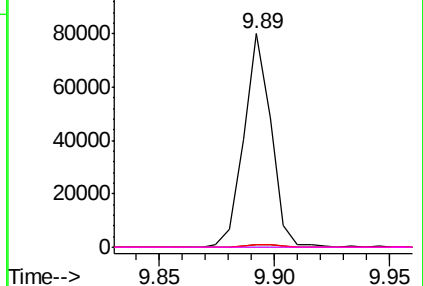
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

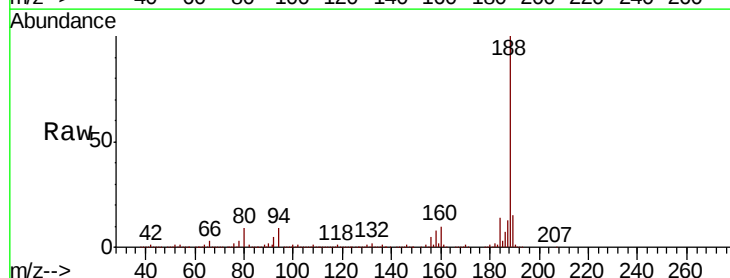
Ion 89.00 (88.70 to 89.70): BF1

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: BF112132.D
 Acq: 18 Jan 2019 18:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.1	8.9	13.3

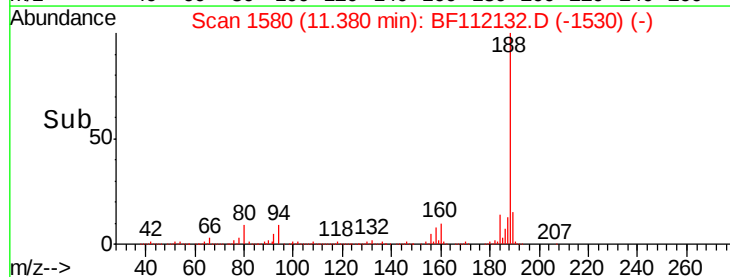
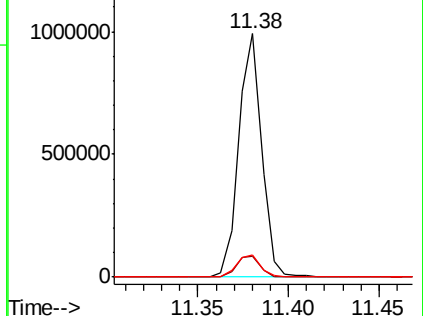


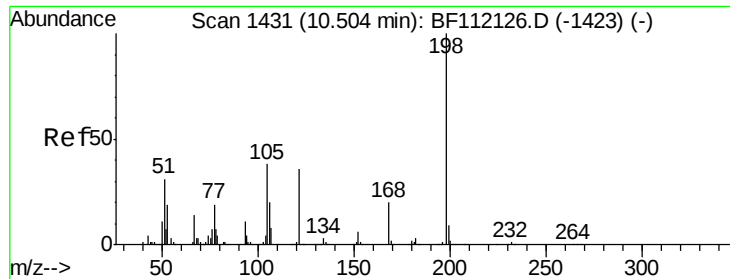
Abundance

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

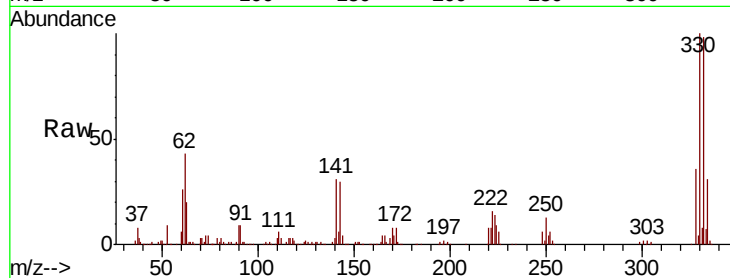




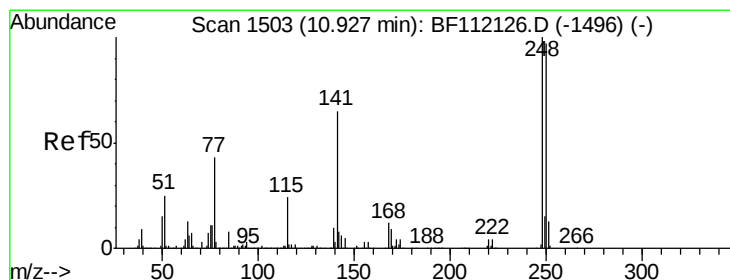
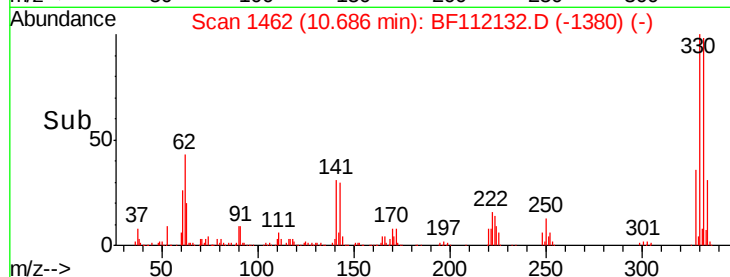
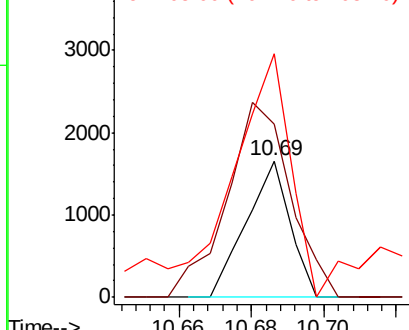
#65
 4,6-Dinitro-2-methylphenol
 Concen: 10.370 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.18 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

Tgt Ion:198 Resp: 1383
 Ion Ratio Lower Upper
 198 100
 51 127.3 17.2 57.2#
 105 178.9 21.9 61.9#

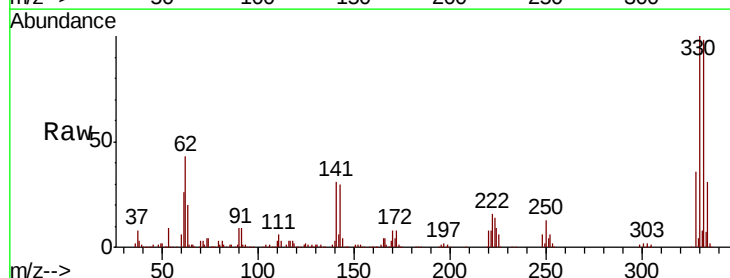


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

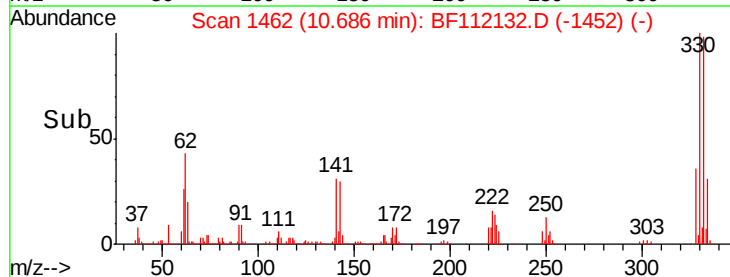
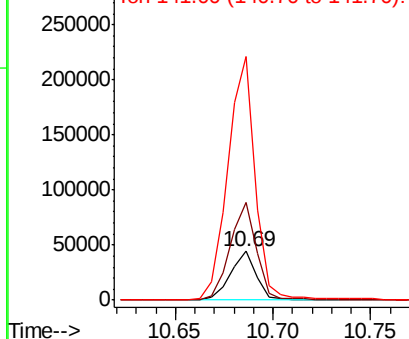


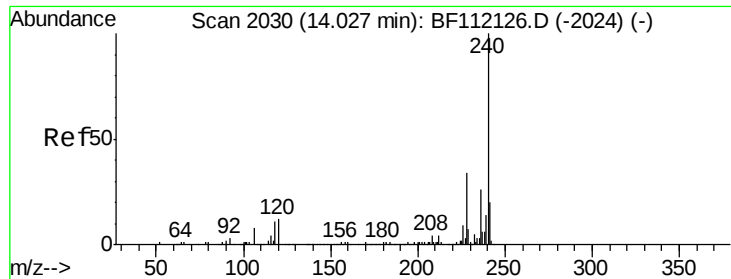
#67
 4-Bromophenyl-phenylether
 Concen: 4.025 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Tgt Ion:248 Resp: 40802
 Ion Ratio Lower Upper
 248 100
 250 202.7 79.7 119.5#
 141 502.5 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: BF112132.D

Acq: 18 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-A

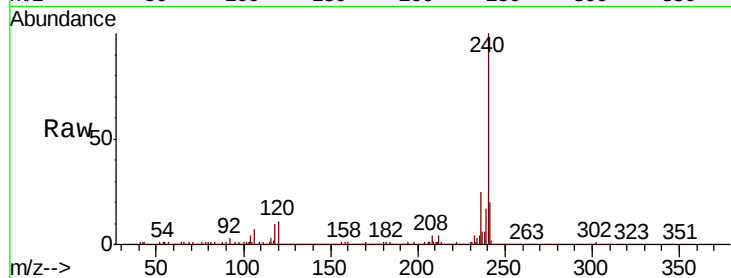
Tgt Ion:240 Resp: 645734

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

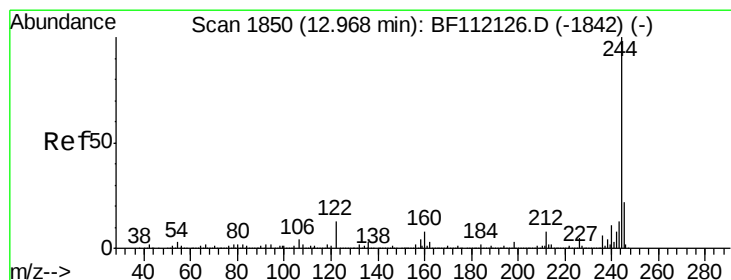
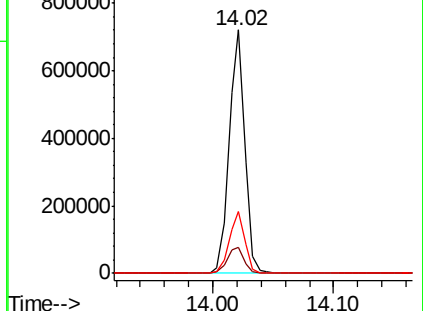
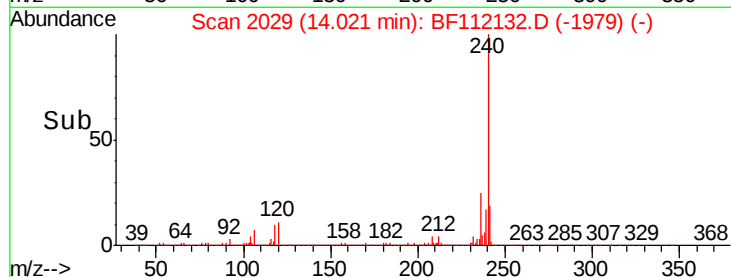
236 25.2 20.7 31.1



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: 81.507 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

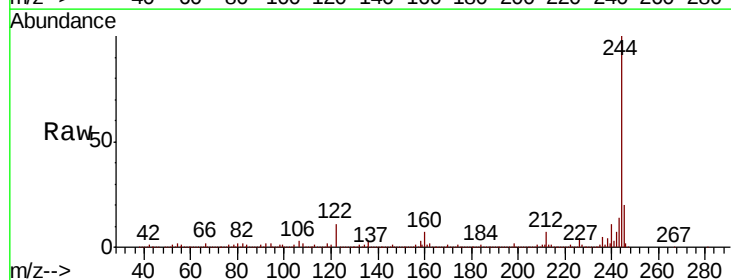
Tgt Ion:244 Resp: 2474021

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

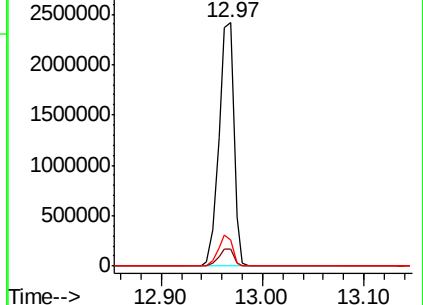
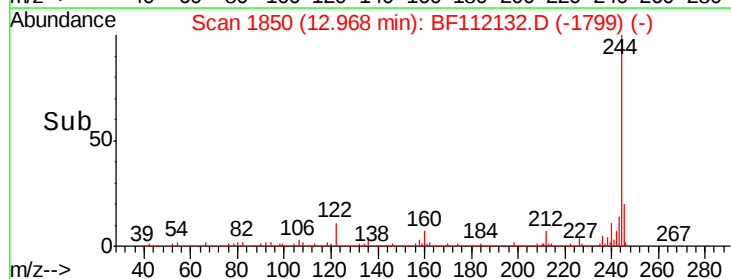
122 10.5 9.8 14.6

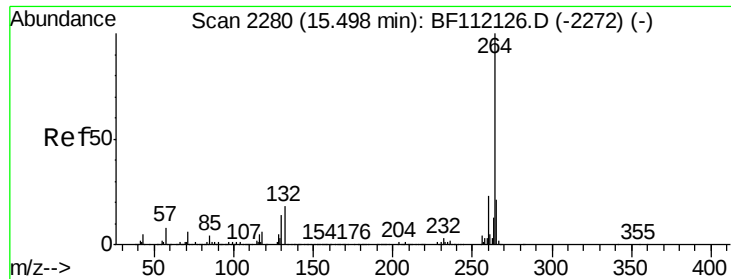


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112132.D
Acq: 18 Jan 2019 18:47

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.4	17.0	25.4

