

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052119\
 Data File : BF114452.D
 Acq On : 21 May 2019 13:39
 Operator : JU/SJ
 Sample : K2869-12RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 21 14:58:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

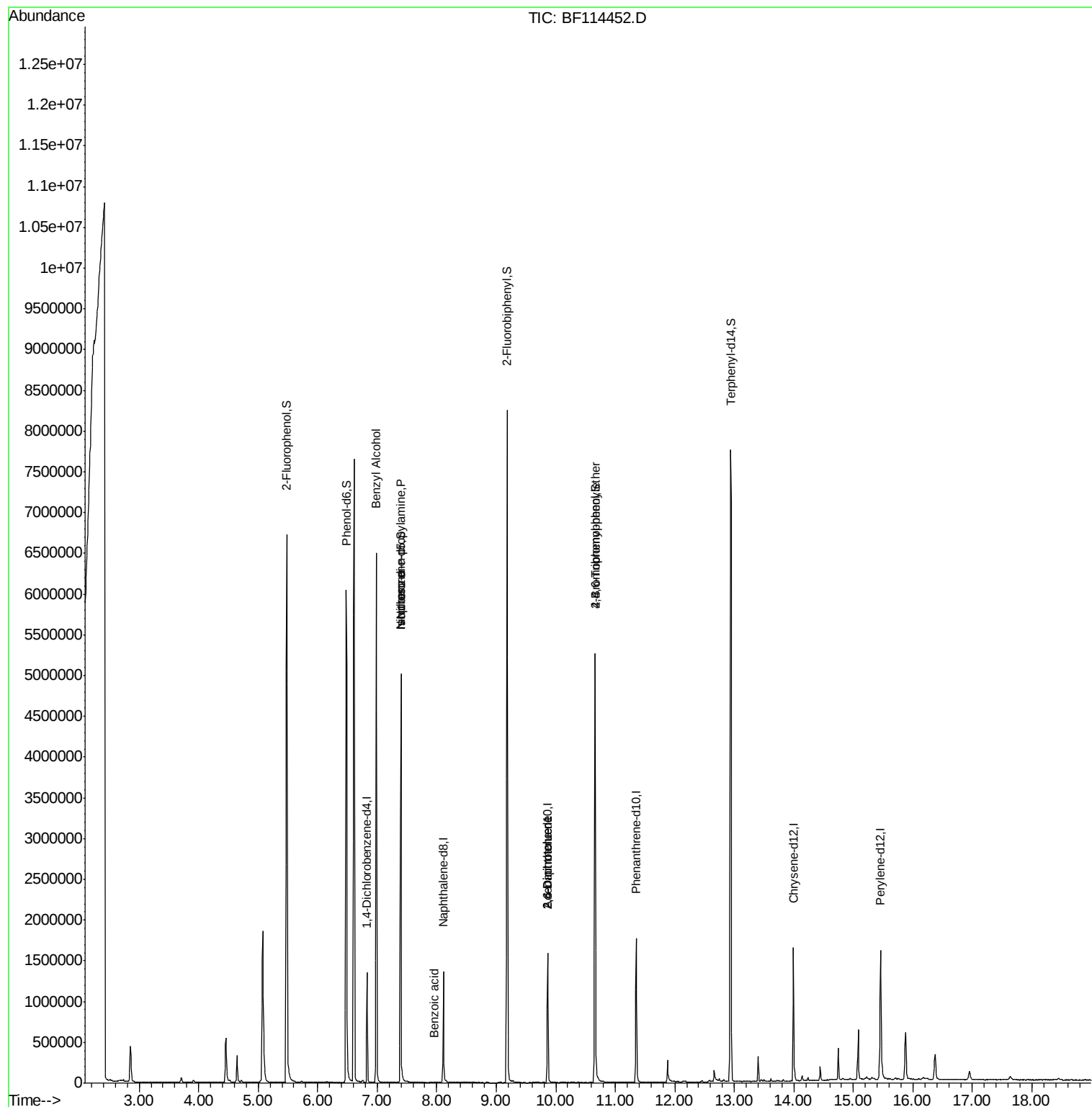
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	190287	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	690889	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	332673	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	707927	20.00	ng	0.00
76) Chrysene-d12	13.99	240	602021	20.00	ng	-0.01
87) Perylene-d12	15.46	264	648308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2116573	179.00	ng	0.01
7) Phenol-d6	6.48	99	2574616	184.10	ng	0.00
23) Nitrobenzene-d5	7.40	82	1945822	158.06	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	810474	235.65	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	3124347	142.06	ng	0.00
79) Terphenyl-d14	12.94	244	3516375	120.41	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	28474	2.610	ng	# 43
19) n-Nitroso-di-n-propylamine	7.40	70	260930	29.435	ng	# 76
25) Isophorone	7.40	82	1945930	85.229	ng	# 64
32) Benzoic acid	7.96	122	396	7.070	ng	# 1
51) 2,6-Dinitrotoluene	9.86	165	41338	7.632	ng	# 22
57) 2,4-Dinitrotoluene	9.86	165	41338	5.623	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	52008	6.672	ng	# 1

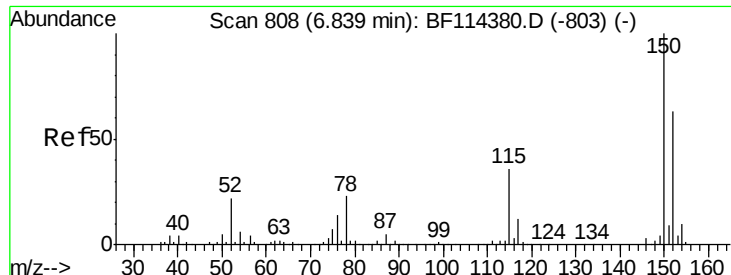
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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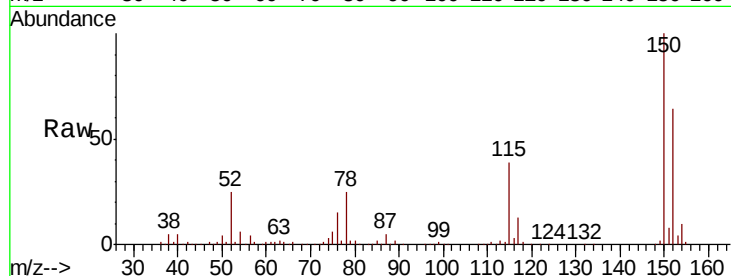


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.3	186.5
115	60.7	49.1	73.7

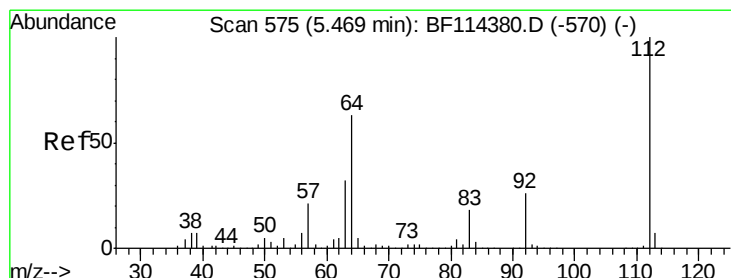
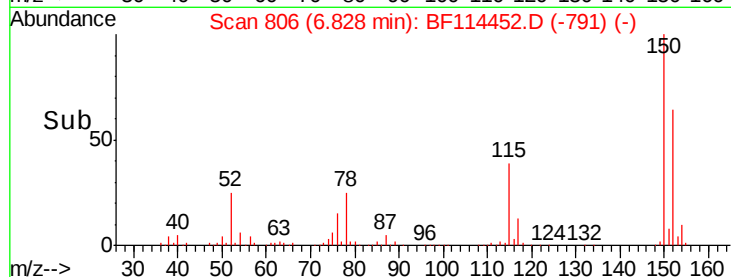
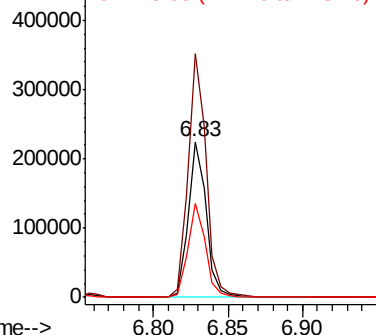


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

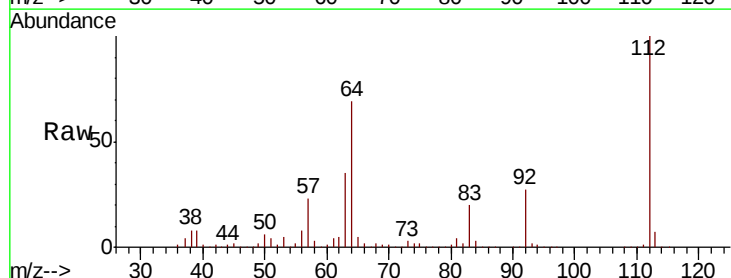
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 178.999 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	49.0	73.6
63	35.2	24.6	37.0

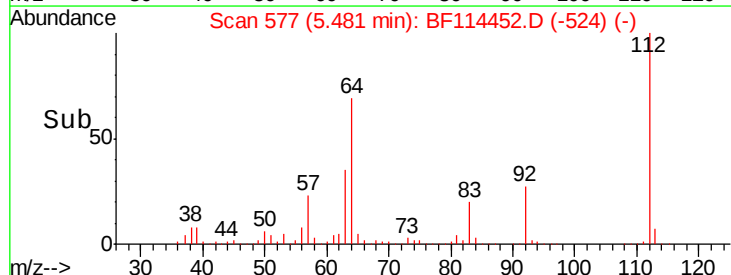
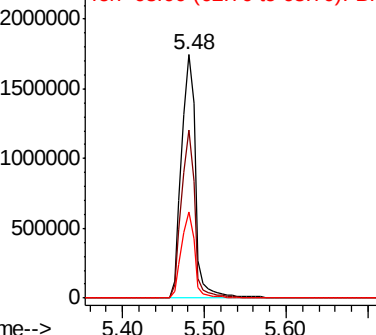


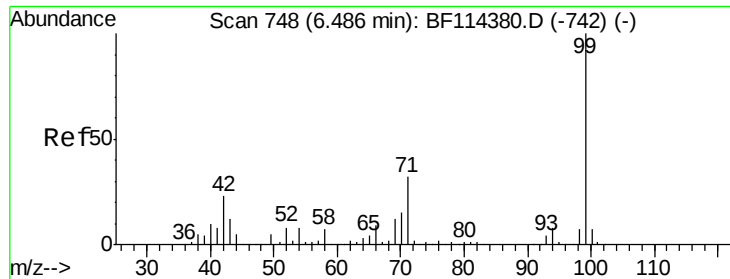
Abundance

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: 184.096 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114452.D

Acq: 21 May 2019 13:39

Instrument :

BNA_E

ClientSampled :

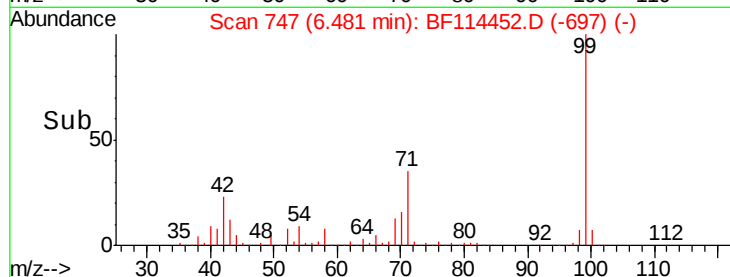
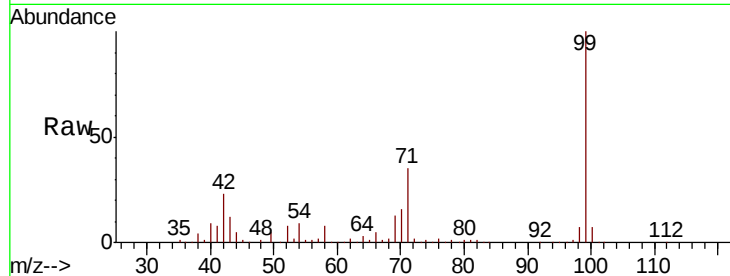
Tot Ion: 99 Resp: 2574616

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

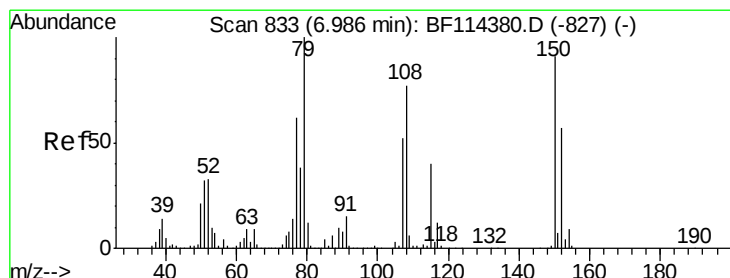
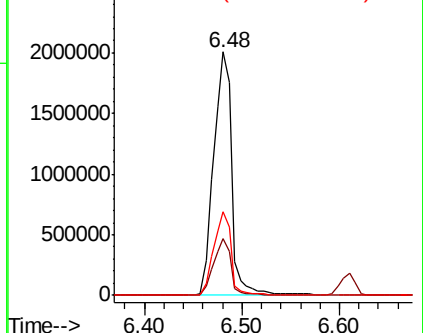
71 34.6 26.2 39.2



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



#15

Benzyl Alcohol

Concen: 2.610 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF114452.D

Acq: 21 May 2019 13:39

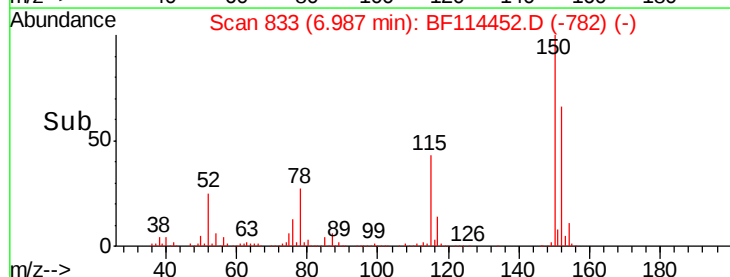
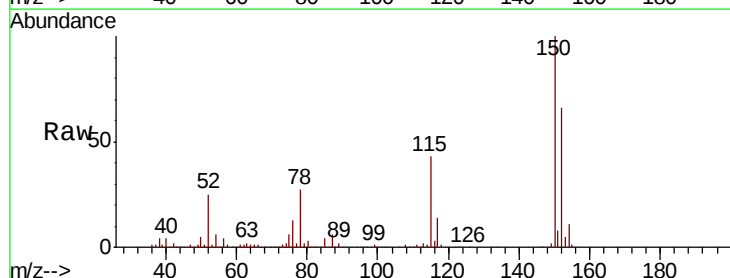
Tgt Ion: 79 Resp: 28474

Ion Ratio Lower Upper

79 100

108 29.1 62.1 93.1#

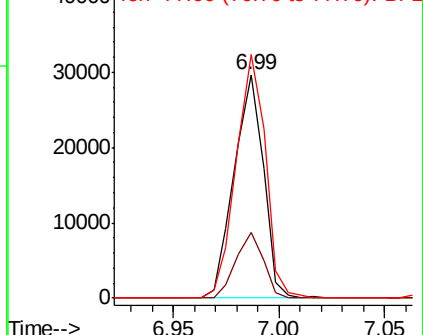
77 109.0 51.0 76.6#

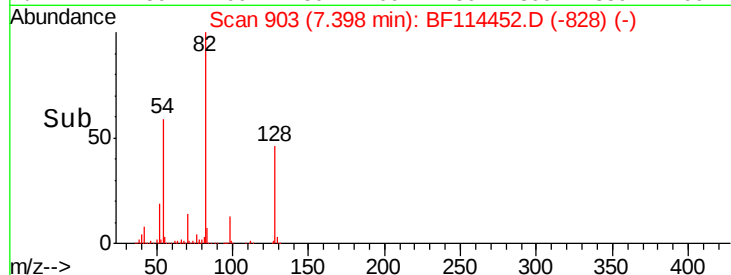
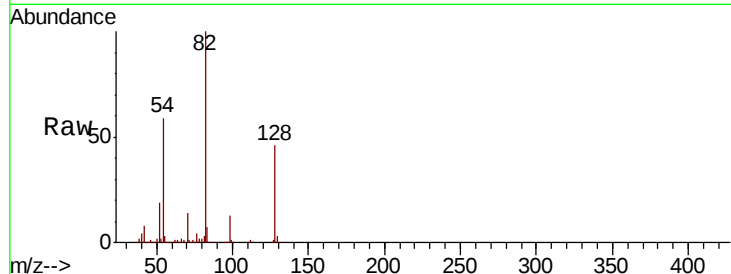
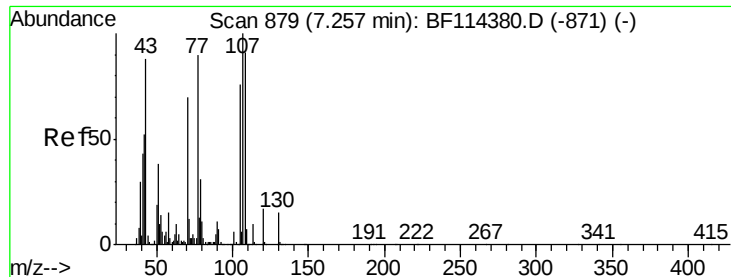


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

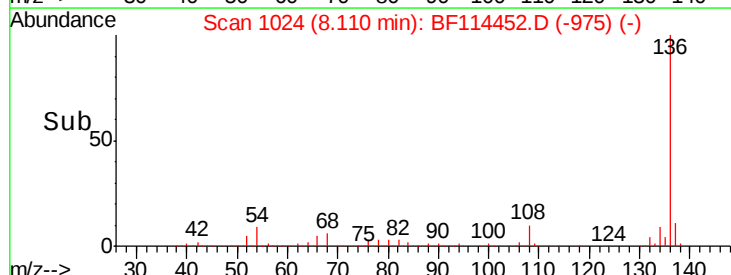
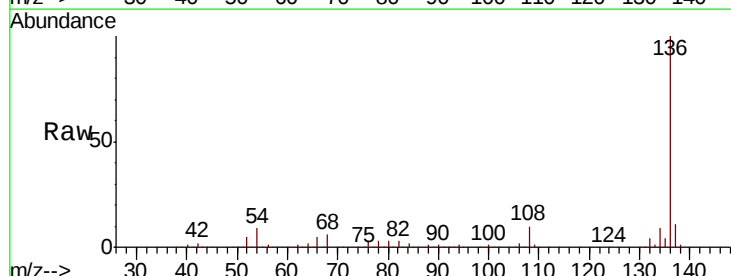
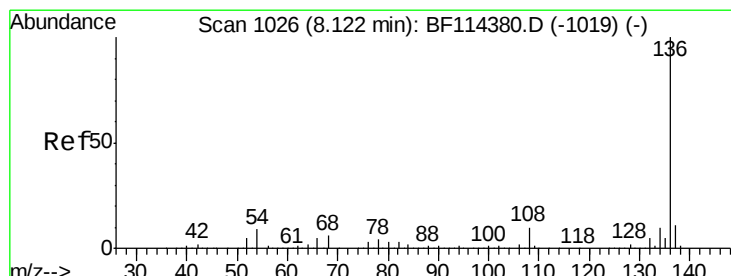
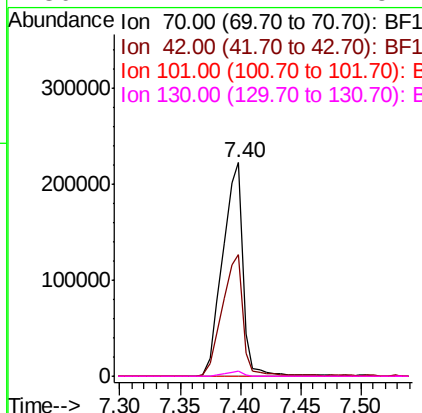




#19
n-Nitroso-di-n-propylamine
Concen: 29.435 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

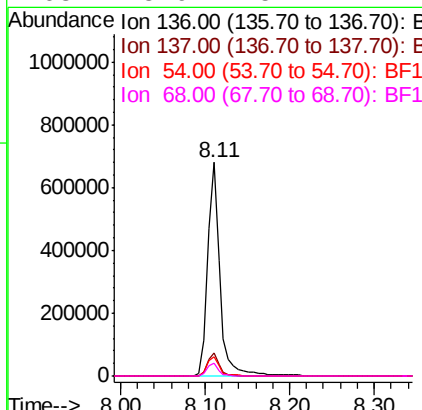
Instrument :
BNA_E
ClientSampleId :

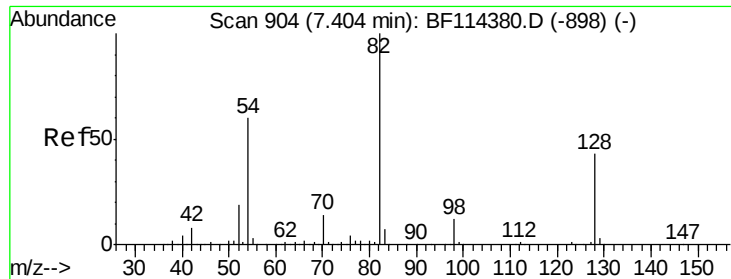
Tot Ion: 70 Resp: 260930
Ion Ratio Lower Upper
70 100
42 57.2 58.6 87.8#
101 0.0 7.8 11.8#
130 2.4 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

Tgt Ion:136 Resp: 690889
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.8 7.8 11.8
68 5.9 5.1 7.7

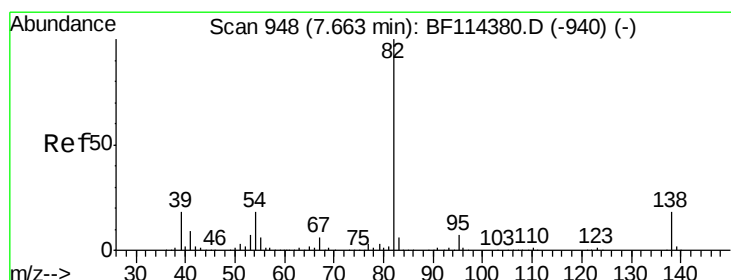
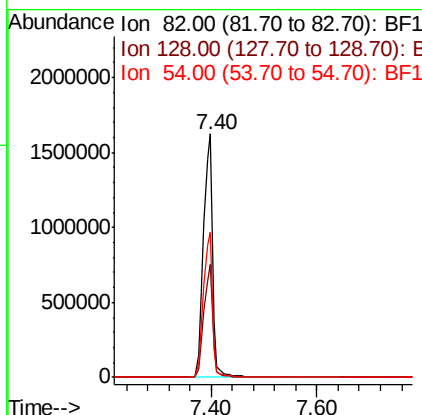
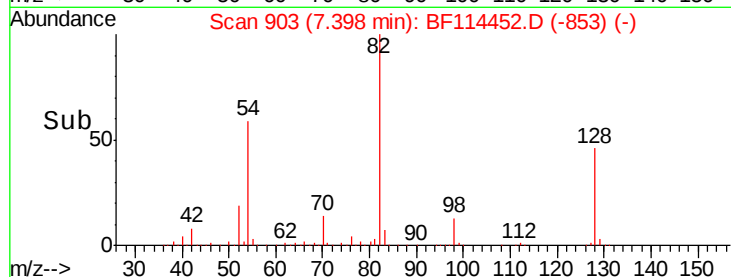
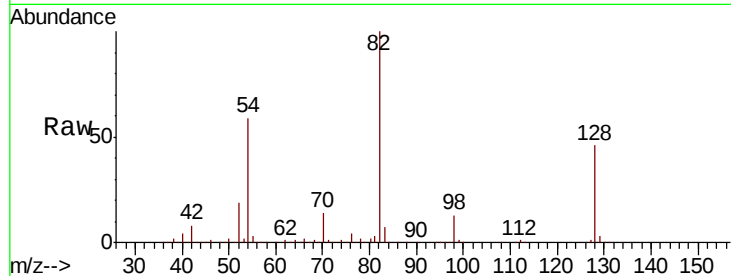




#23
Nitrobenzene-d5
Concen: 158.057 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

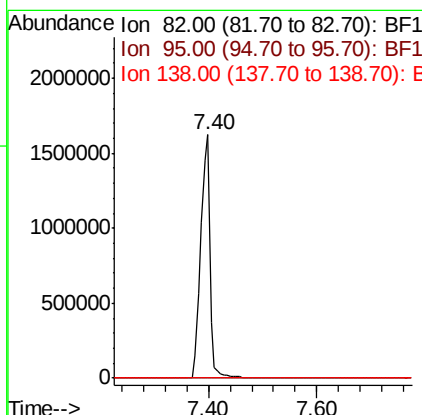
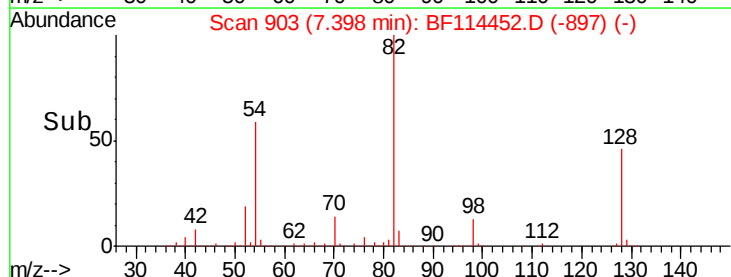
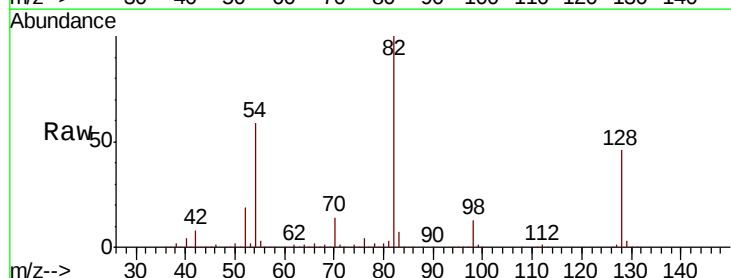
Instrument :
BNA_E
ClientSampled :

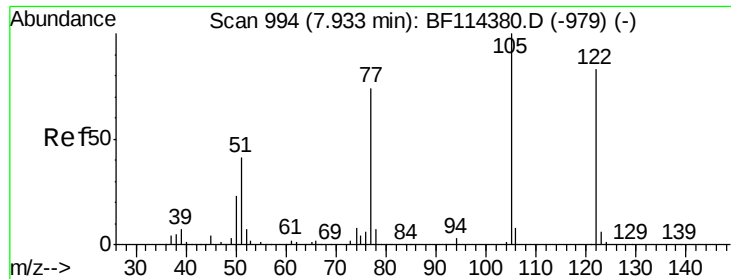
Tot Ion: 82 Resp: 1945822
Ion Ratio Lower Upper
82 100
128 46.2 35.5 53.3
54 59.4 48.5 72.7



#25
Isophorone
Concen: 85.229 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

Tgt Ion: 82 Resp: 1945930
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#





#32

Benzoic acid

Concen: 7.070 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF114452.D

Acq: 21 May 2019 13:39

Instrument :

BNA_E

ClientSampleId :

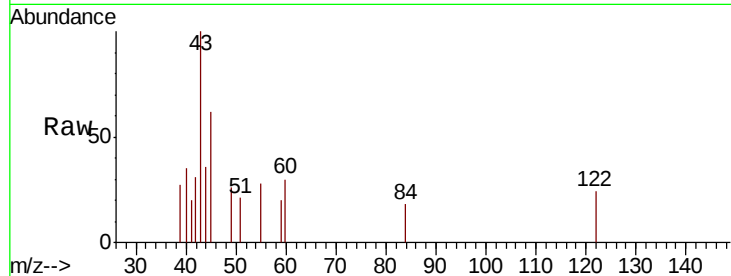
Tot Ion:122 Resp: 396

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

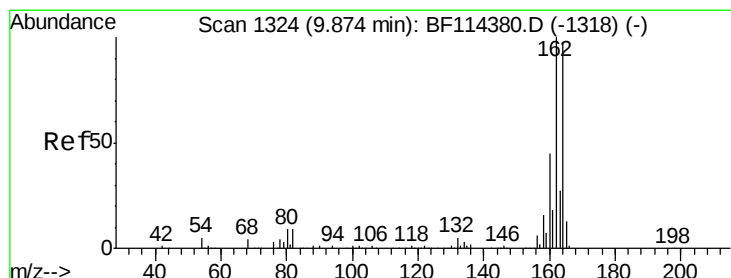
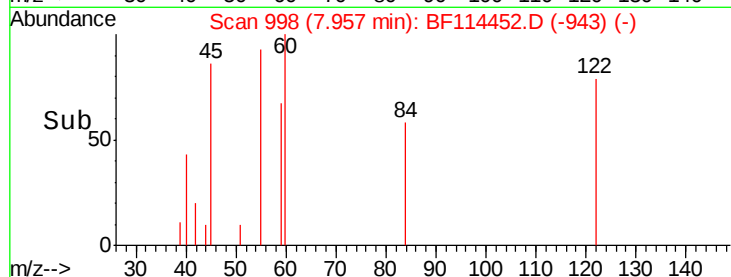
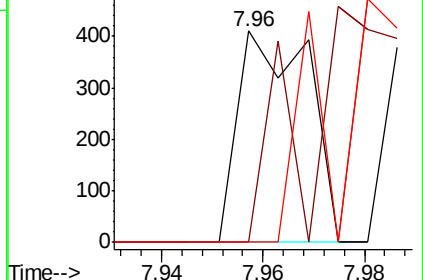
77 0.0 69.4 109.4#



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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF114452.D

Acq: 21 May 2019 13:39

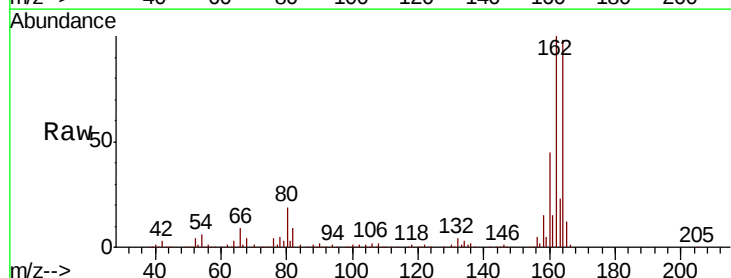
Tgt Ion:164 Resp: 332673

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

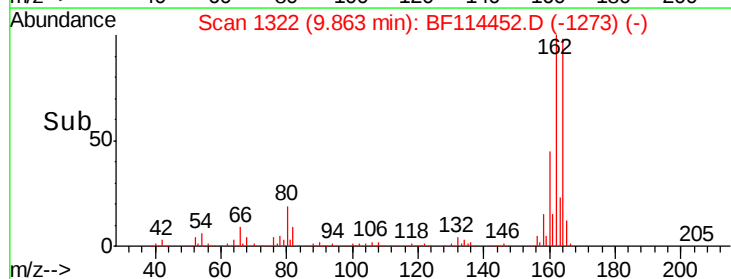
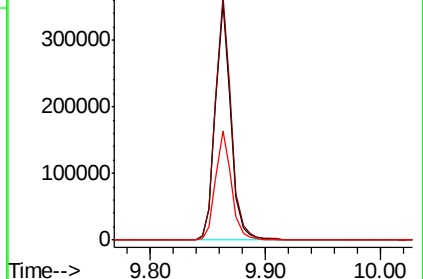
160 46.0 36.5 54.7

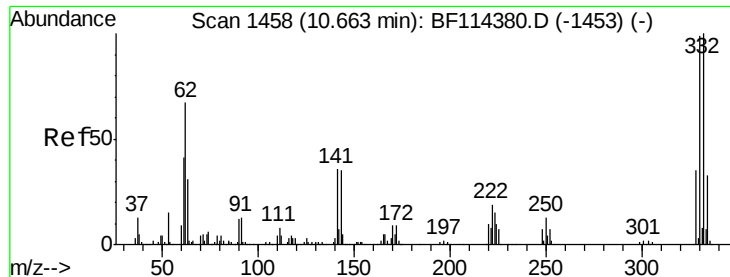


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

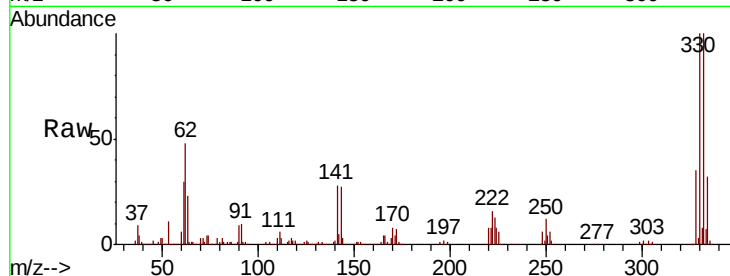




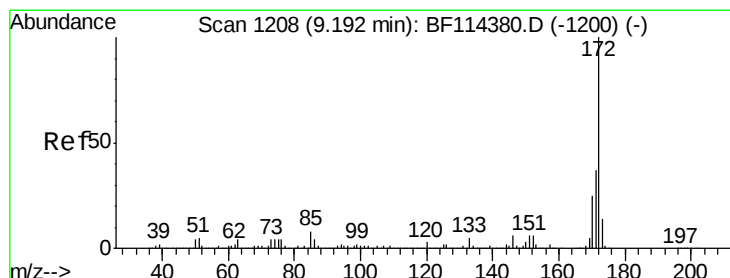
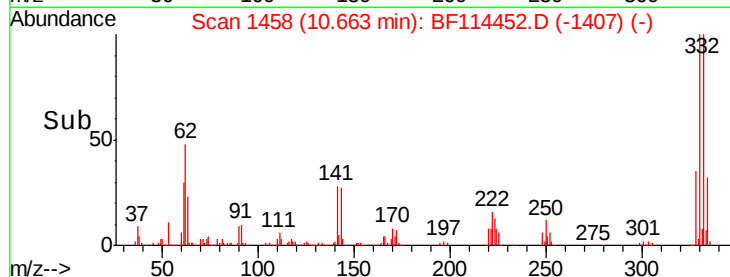
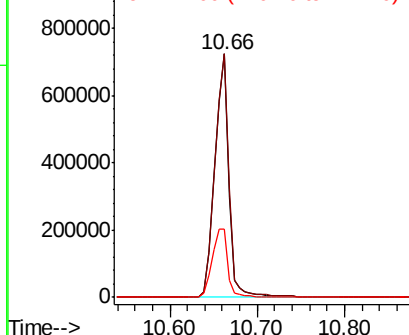
#42
 2,4,6-Tribromophenol
 Concen: 235.652 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114452.D
 Acq: 21 May 2019 13:39

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 810474
 Ion Ratio Lower Upper
 330 100
 332 101.0 81.4 122.2
 141 31.8 26.6 40.0

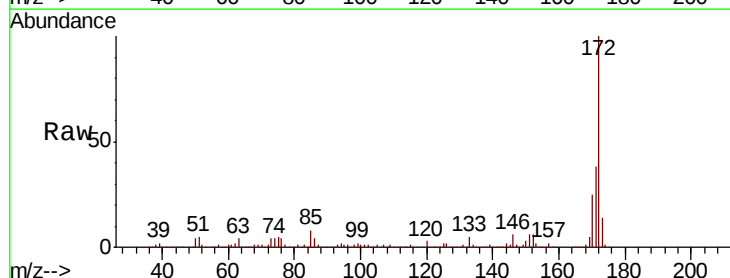


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

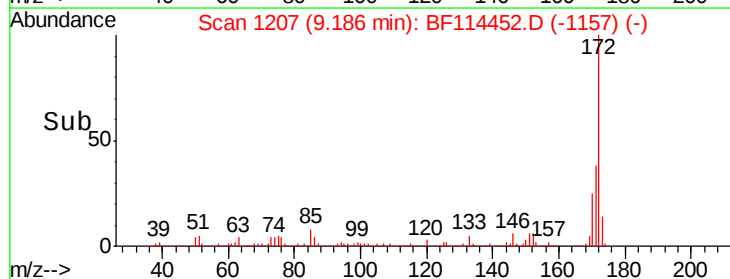
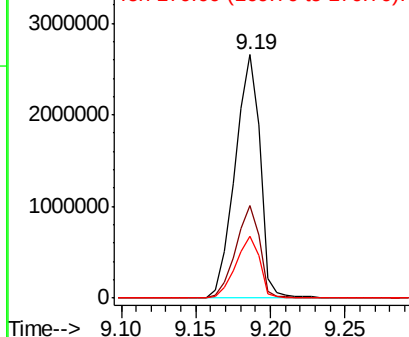


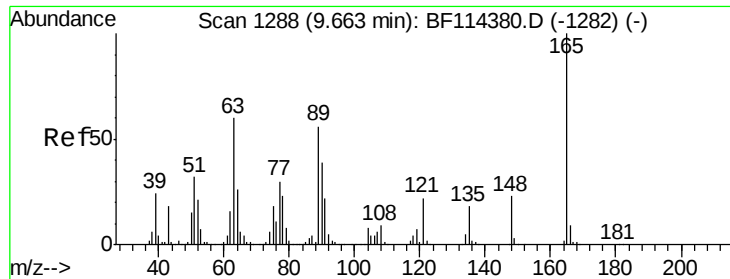
#45
 2-Fluorobiphenyl
 Concen: 142.064 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114452.D
 Acq: 21 May 2019 13:39

Tgt Ion:172 Resp: 3124347
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.7 46.1
 170 25.3 20.5 30.7



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: 7.632 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.20 min

Lab File: BF114452.D

Acq: 21 May 2019 13:39

Instrument :

BNA_E

ClientSampleId :

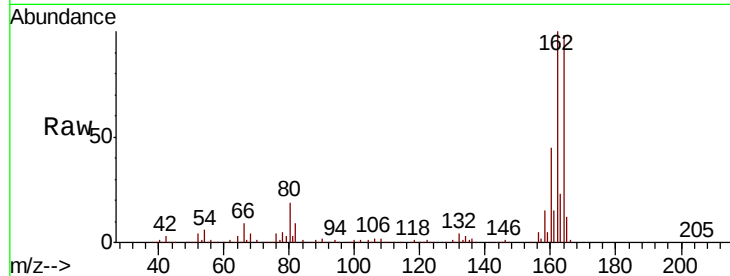
Tot Ion:165 Resp: 41338

Ion Ratio Lower Upper

165 100

63 1.1 50.2 75.4#

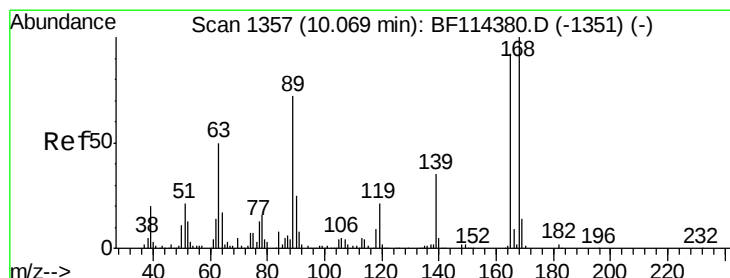
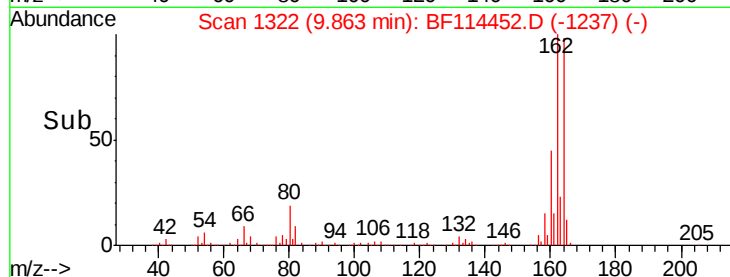
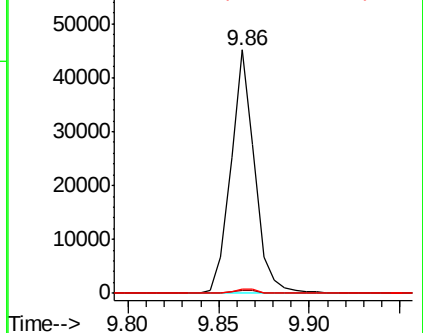
89 1.5 46.6 69.8#



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: 5.623 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.21 min

Lab File: BF114452.D

Acq: 21 May 2019 13:39

Tgt Ion:165 Resp: 41338

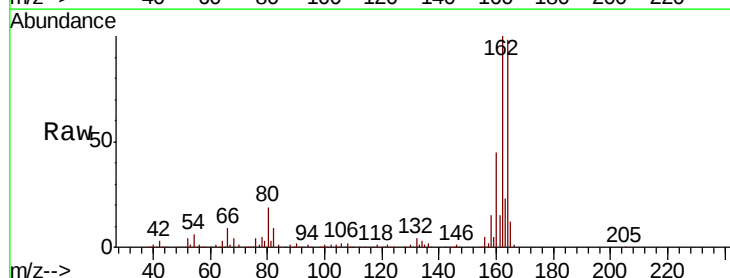
Ion Ratio Lower Upper

165 100

63 1.1 35.5 53.3#

89 1.5 55.2 82.8#

182 0.0 2.2 3.2#

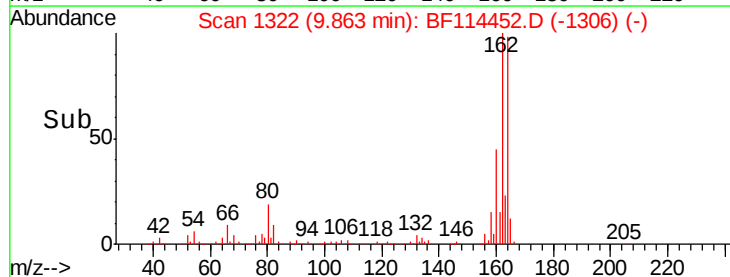
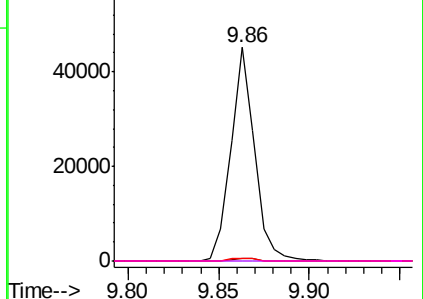


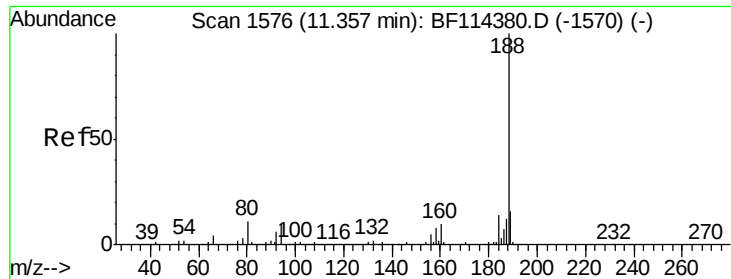
Abundance Ion 165.00 (164.70 to 165.70): E

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): BF1

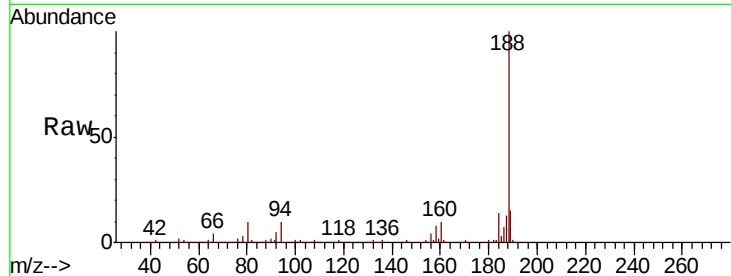




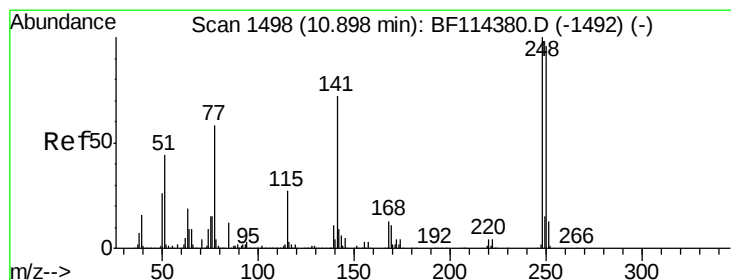
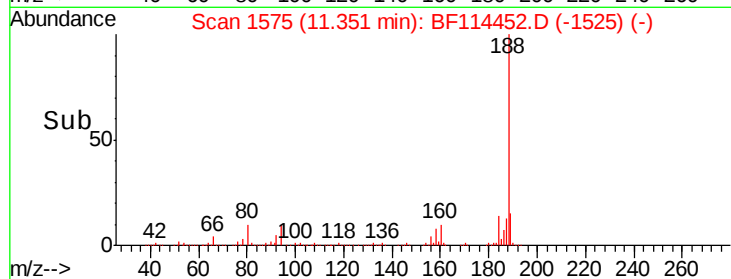
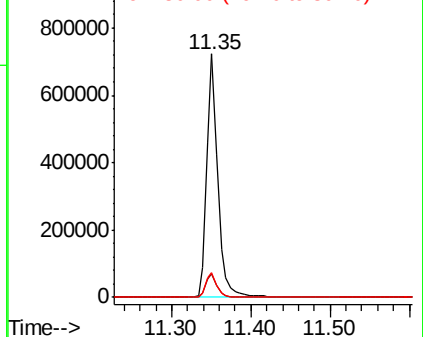
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 707927
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.1 9.2 13.8

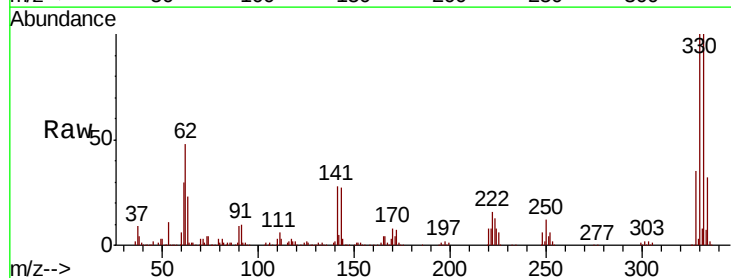


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

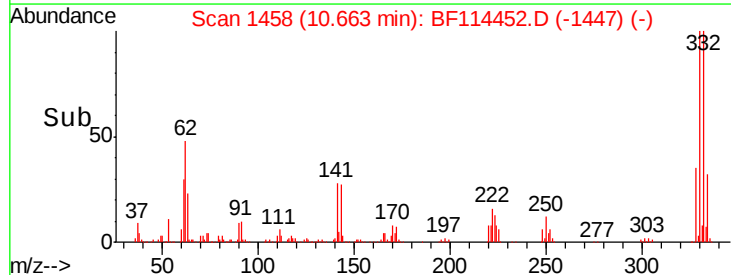
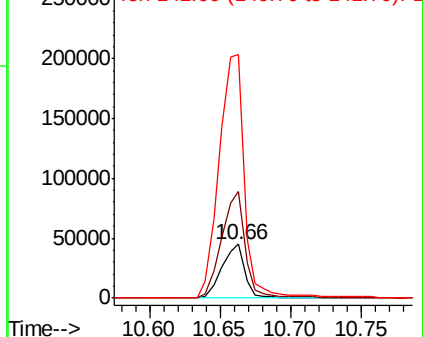


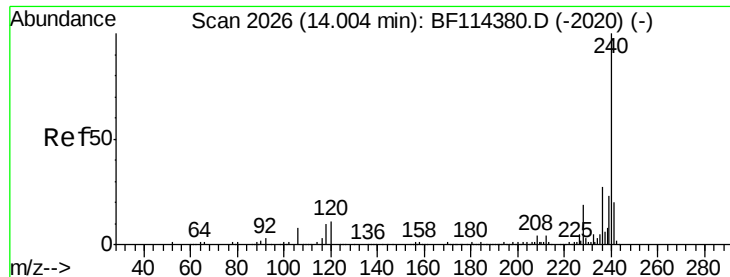
#67
4-Bromophenyl-phenylether
Concen: 6.672 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.24 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

Tgt Ion:248 Resp: 52008
Ion Ratio Lower Upper
248 100
250 198.0 77.4 116.2#
141 449.8 55.6 83.4#



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114452.D

Acq: 21 May 2019 13:39

Instrument :

BNA_E

ClientSampleId :

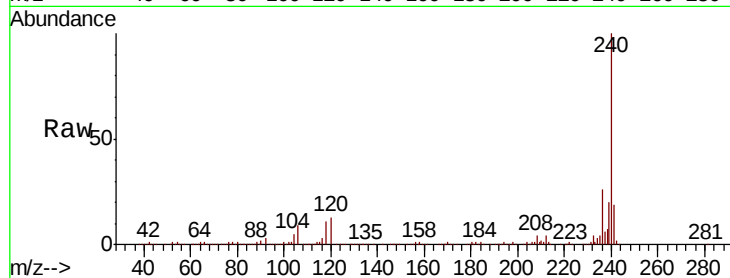
Tot Ion:240 Resp: 602021

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

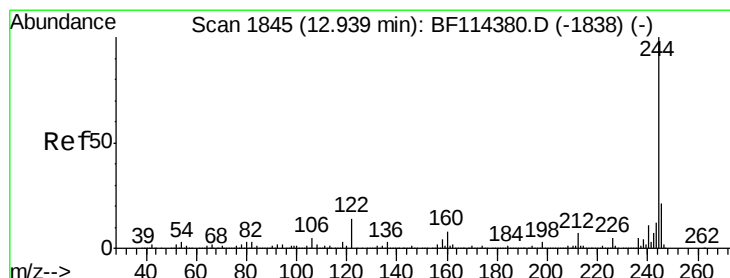
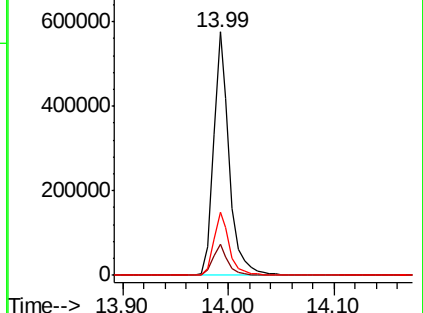
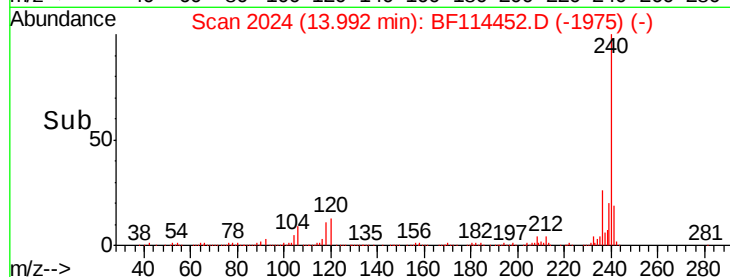
236 26.2 20.8 31.2



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: 120.407 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114452.D

Acq: 21 May 2019 13:39

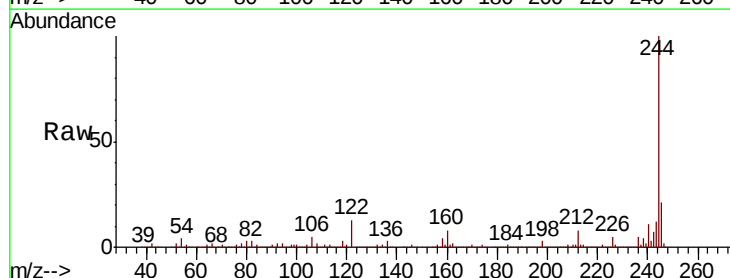
Tgt Ion:244 Resp: 3516375

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

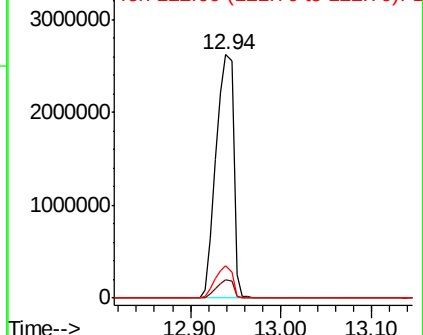
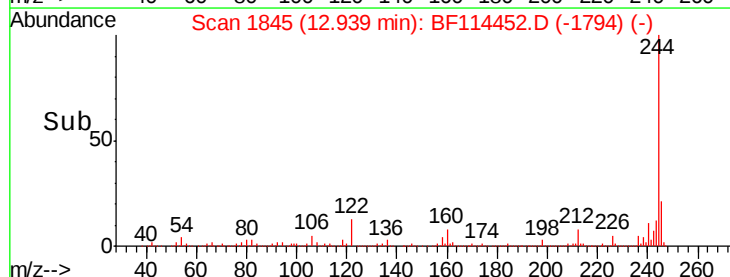
122 13.1 9.4 14.2

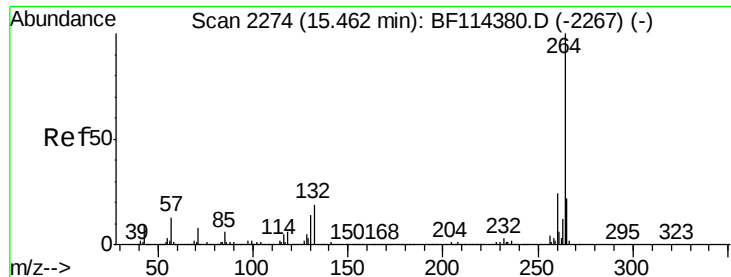


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF114452.D
Acq: 21 May 2019 13:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.8	16.9	25.3

