

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113673.D
 Acq On : 9 Apr 2019 20:55
 Operator : JU/SJ
 Sample : K2294-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:25:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

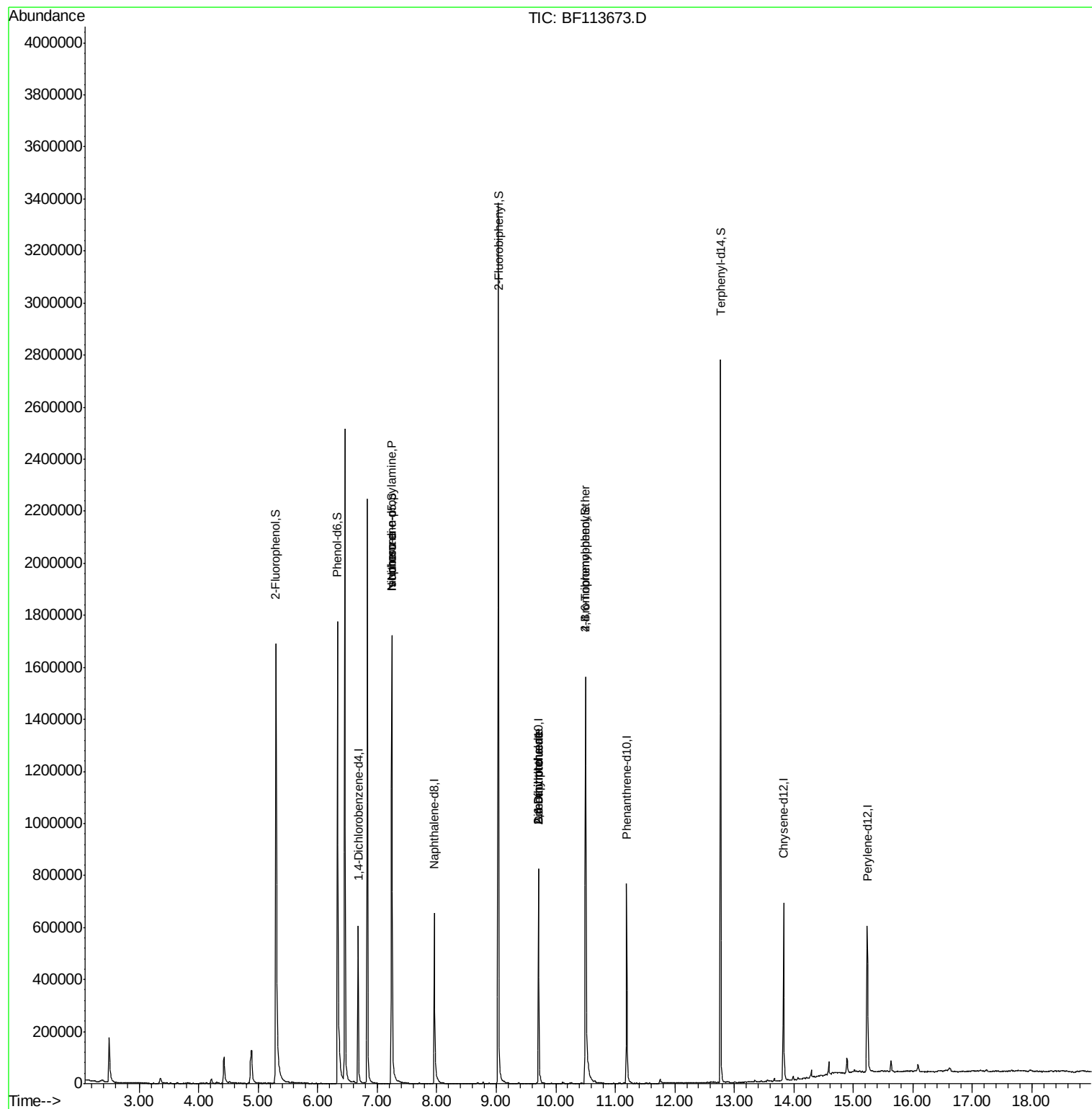
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	99562	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	372192	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	177709	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	329802	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	278606	20.00	ng	-0.02
87) Perylene-d12	15.23	264	266361	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	687051	117.67	ng	0.00
7) Phenol-d6	6.33	99	809573	112.50	ng	0.00
23) Nitrobenzene-d5	7.25	82	586298	92.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	288822	135.30	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1118975	101.37	ng	-0.02
79) Terphenyl-d14	12.77	244	1088501	79.55	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	73418	16.545	ng	# 77
25) Isophorone	7.25	82	586295	47.899	ng	# 64
50) Dimethylphthalate	9.71	163	41562	3.173	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	22290	7.719	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	22290	6.383	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	15939	4.309	ng	# 1

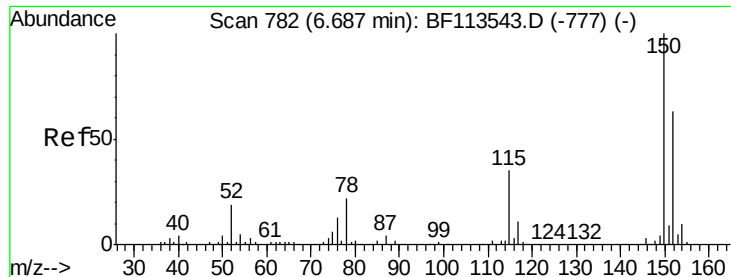
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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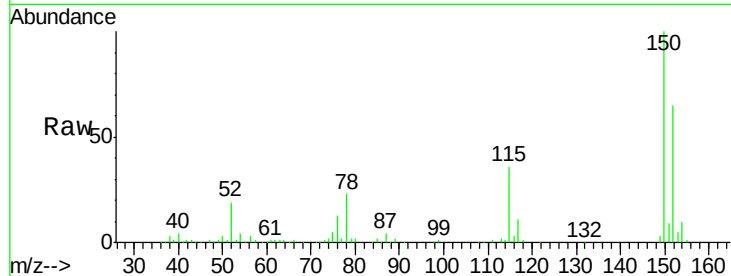


#1

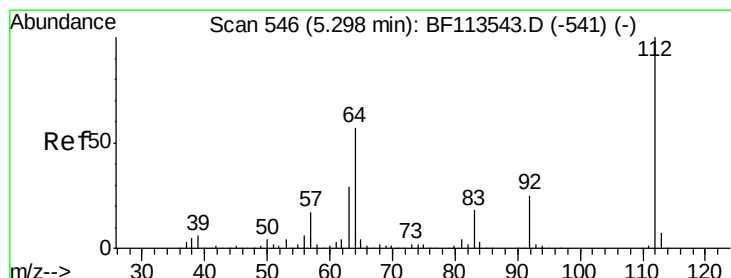
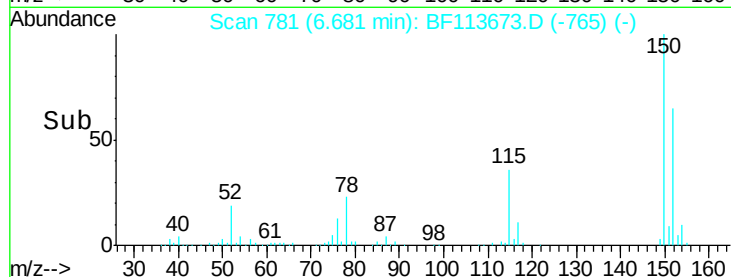
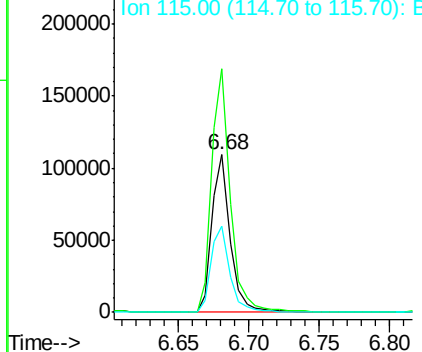
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113673.D
Acq: 9 Apr 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99562
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 55.0 46.0 69.0



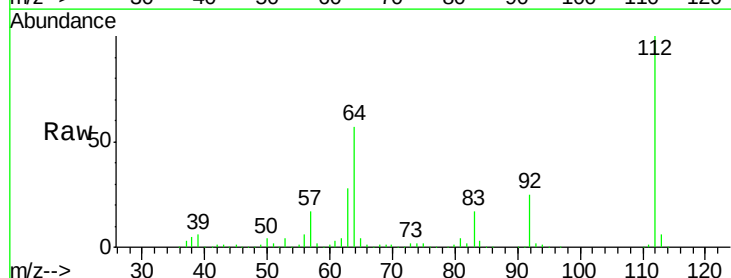
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



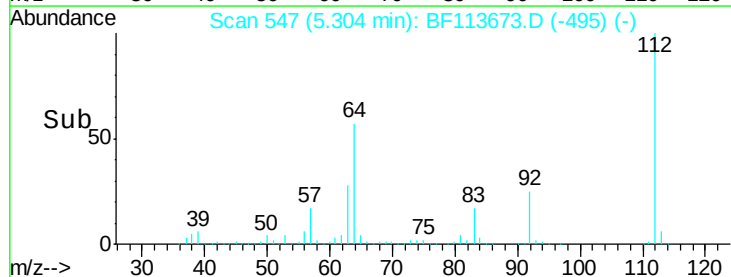
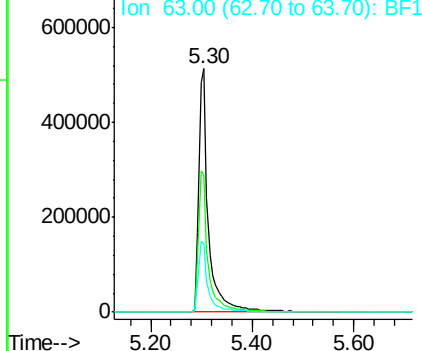
#5

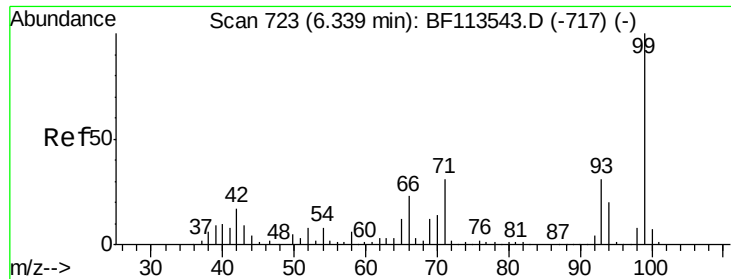
2-Fluorophenol
Concen: 117.673 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113673.D
Acq: 9 Apr 2019 20:55

Tgt Ion:112 Resp: 687051
Ion Ratio Lower Upper
112 100
64 56.6 49.2 73.8
63 28.3 24.9 37.3



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: 112.501 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Instrument :

BNA_F

ClientSampled :

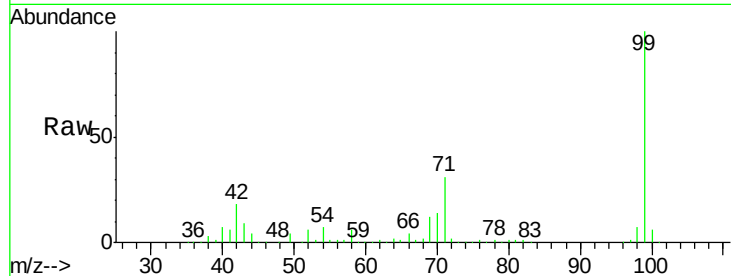
Tot Ion: 99 Resp: 809573

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

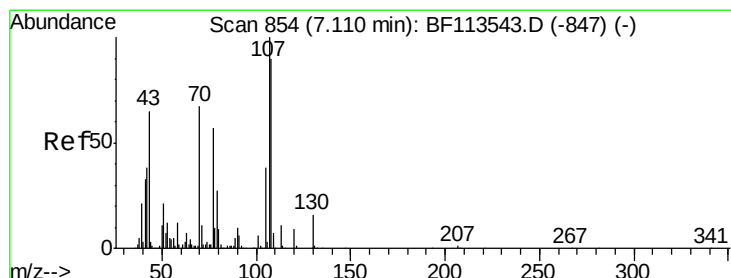
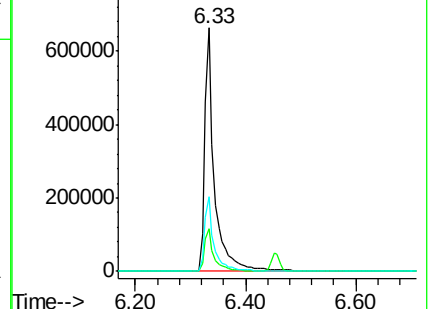
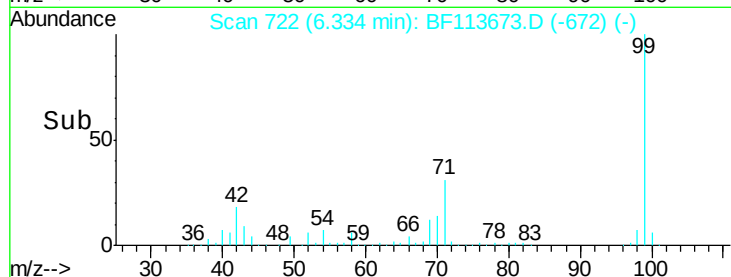
71 30.8 24.9 37.3



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: 16.545 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Tgt Ion: 70 Resp: 73418

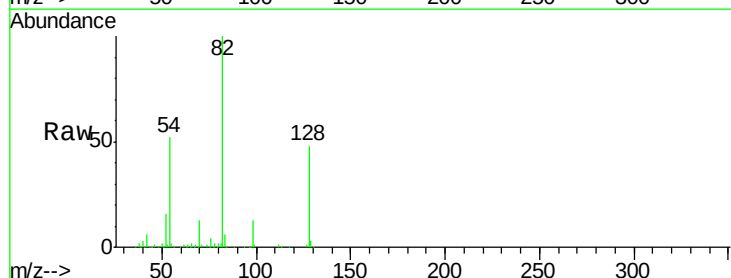
Ion Ratio Lower Upper

70 100

42 49.0 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

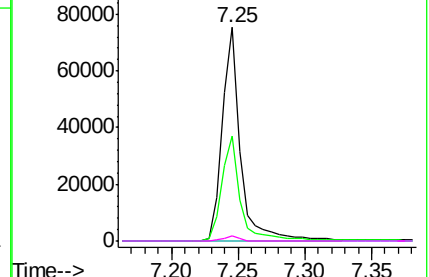
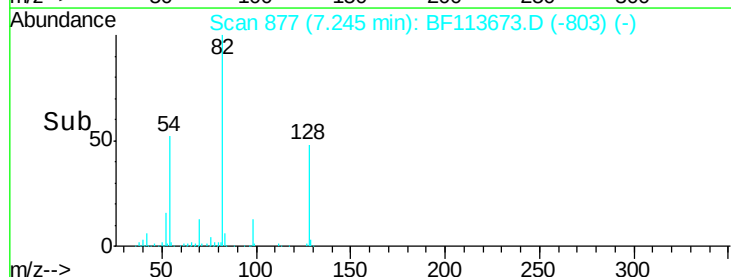


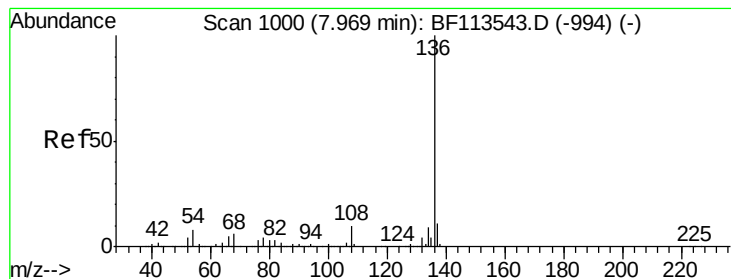
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 372192

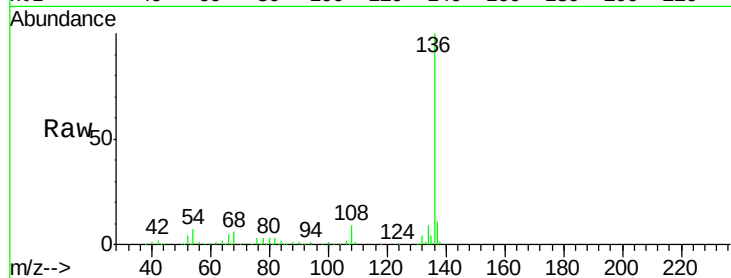
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 7.0 10.6

68 5.7 4.8 7.2

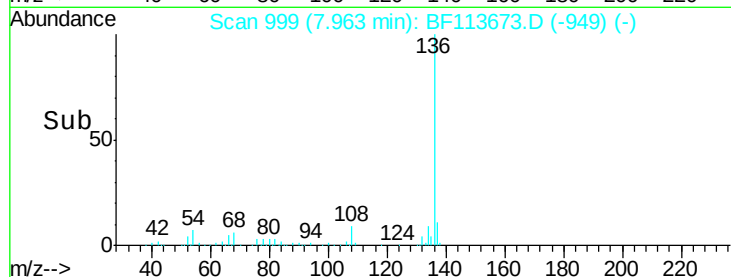


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.96

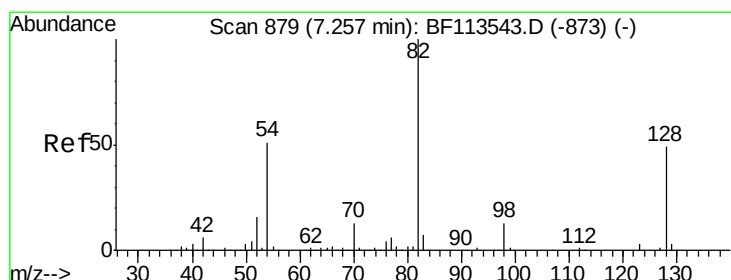
300000

200000

100000

0

Time-->



#23

Nitrobenzene-d5

Concen: 92.271 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

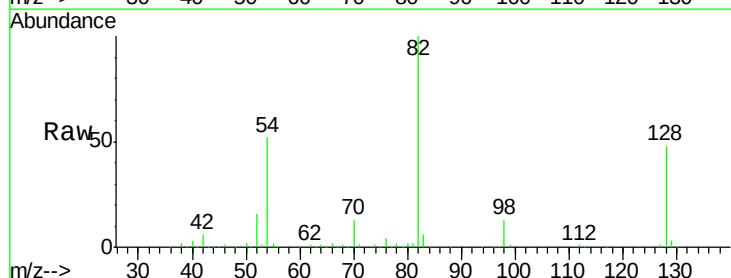
Tgt Ion: 82 Resp: 586298

Ion Ratio Lower Upper

82 100

128 47.6 36.5 54.7

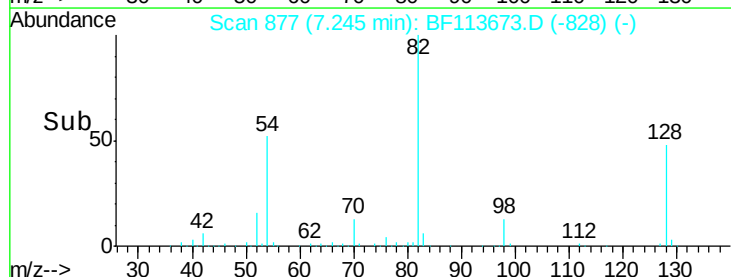
54 51.7 42.2 63.2



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



Abundance

7.25

800000

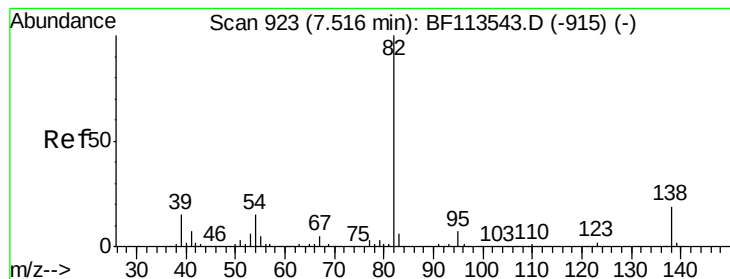
600000

400000

200000

0

Time-->



#25

Isophorone

Concen: 47.899 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

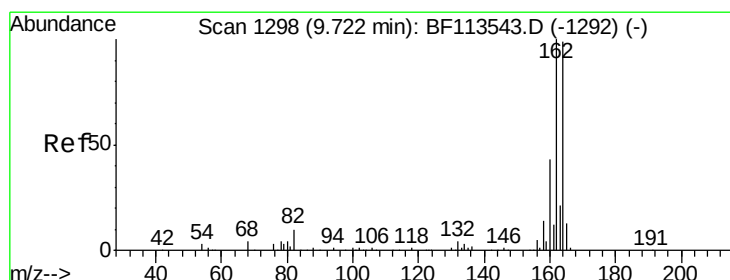
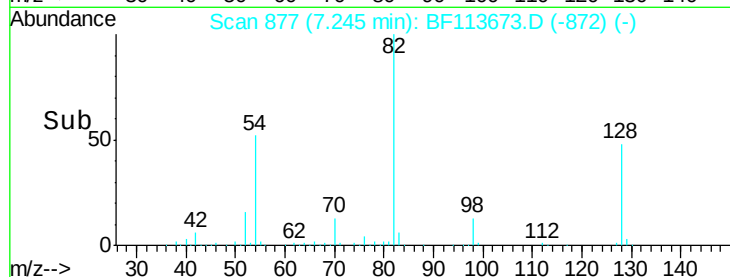
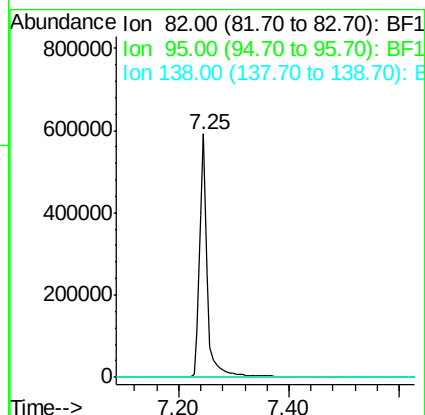
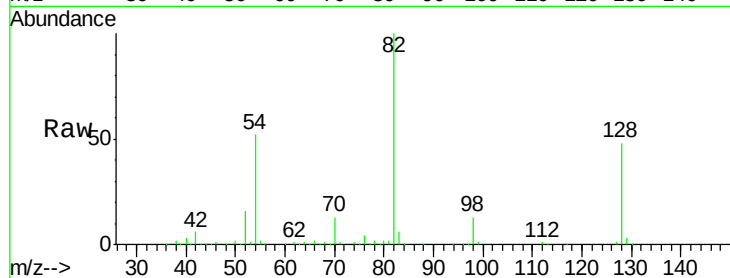
Tot Ion: 82 Resp: 586295

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

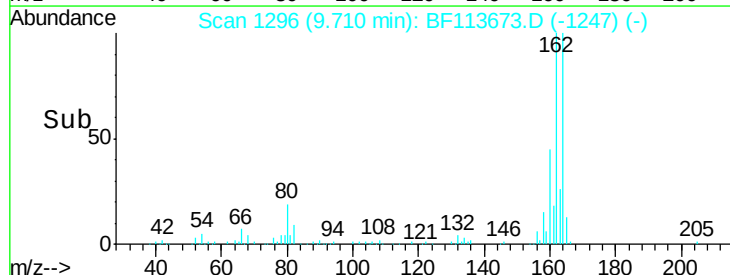
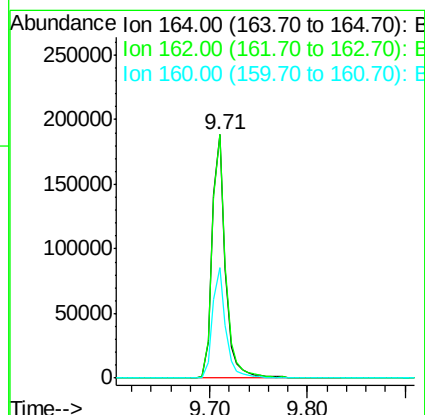
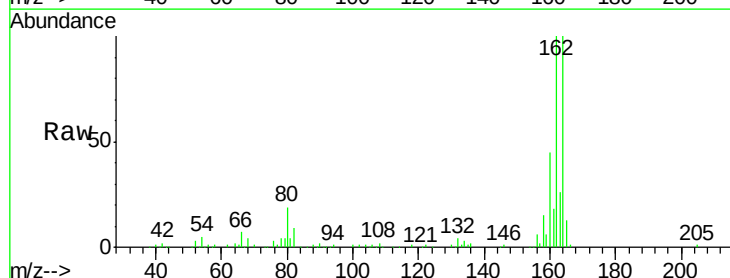
Tgt Ion: 164 Resp: 177709

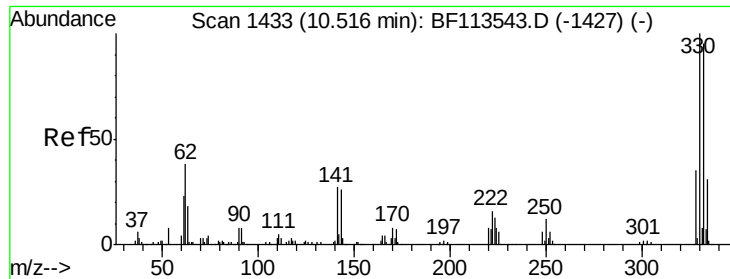
Ion Ratio Lower Upper

164 100

162 99.9 81.8 122.6

160 45.3 36.4 54.6

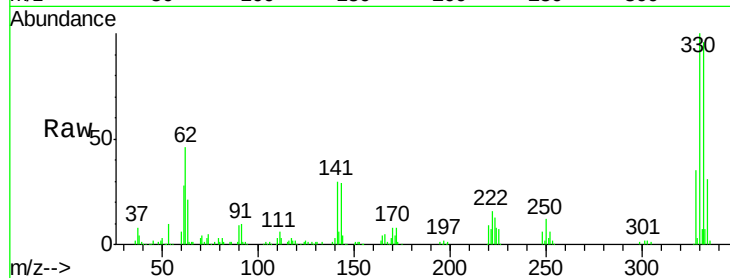




#42
 2,4,6-Tribromophenol
 Concen: 135.298 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113673.D
 Acq: 9 Apr 2019 20:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp:	288822		
Ion Ratio	100	95.6	27.3
Lower		77.8	22.7
Upper		116.6	34.1

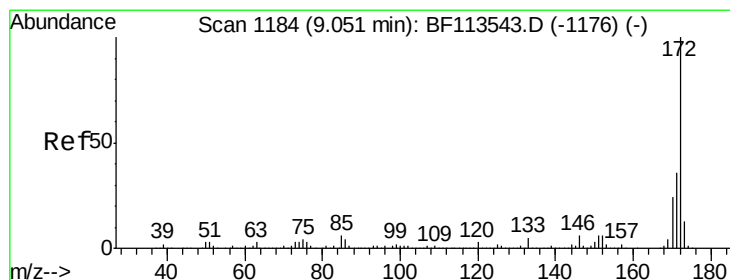
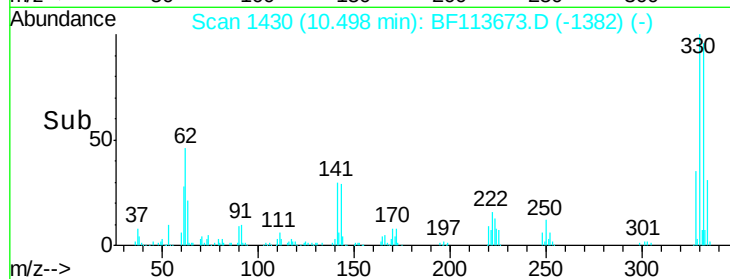
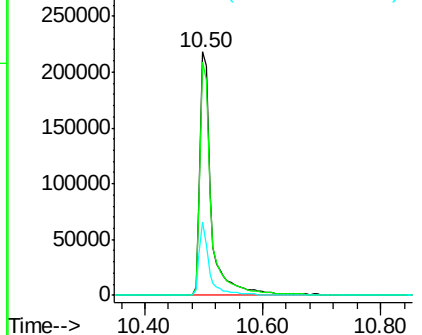


Abundance

Ion 329.80 (329.50 to 330.50): E

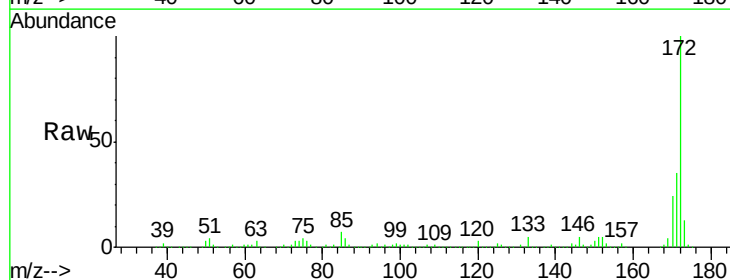
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.370 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113673.D
 Acq: 9 Apr 2019 20:55

Tgt Ion	172	171	170
Resp:	1118975		
Ion Ratio	100	35.4	24.1
Lower		29.0	19.5
Upper		43.6	29.3

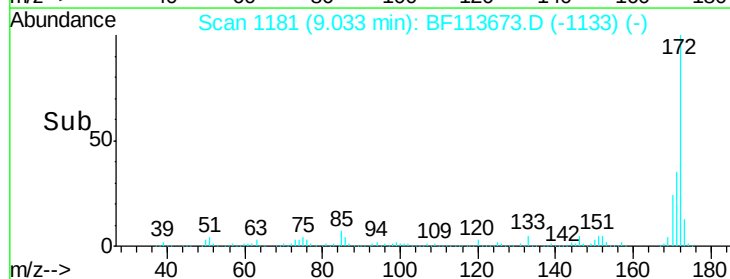
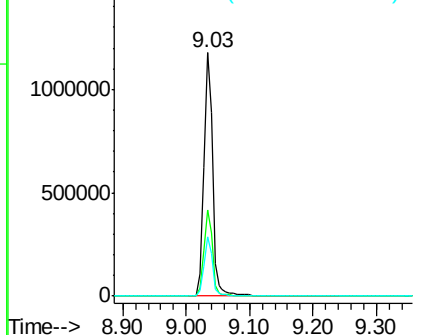


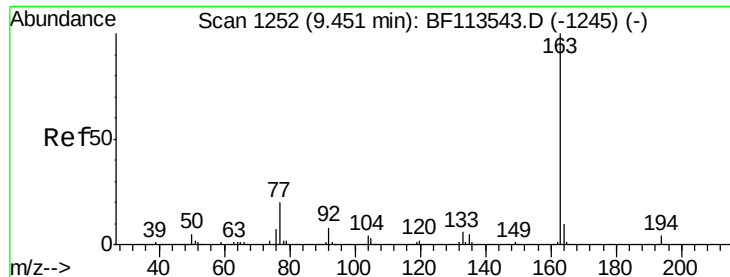
Abundance

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: 3.173 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.26 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Instrument :

BNA_F

ClientSampled :

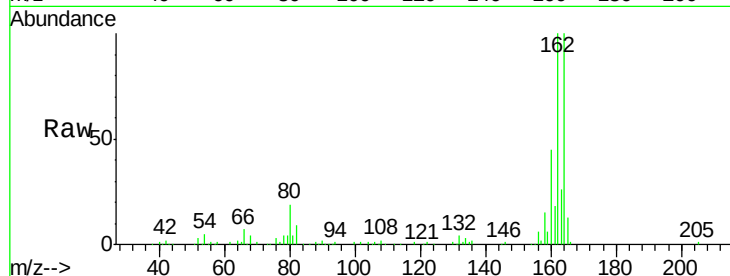
Tot Ion:163 Resp: 41562

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

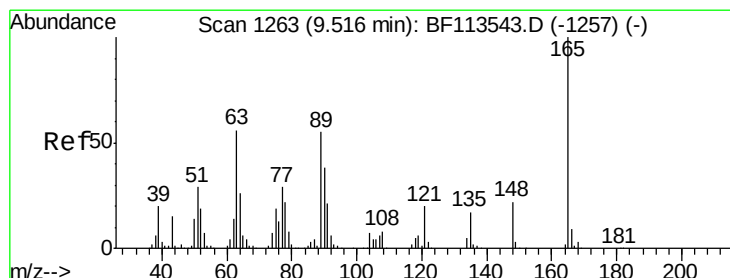
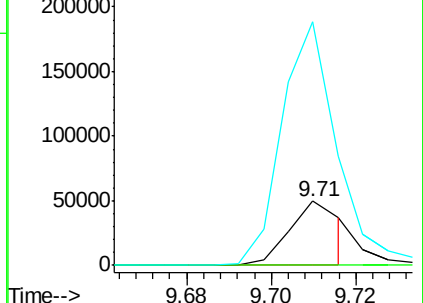
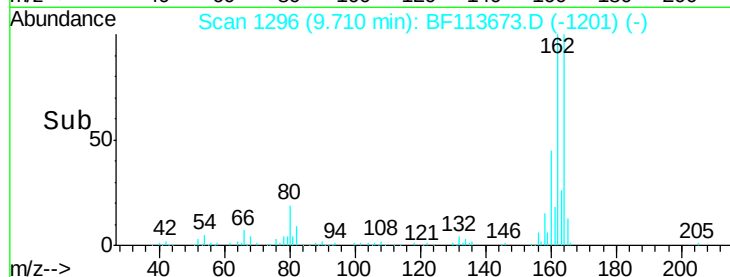
164 379.7 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.719 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

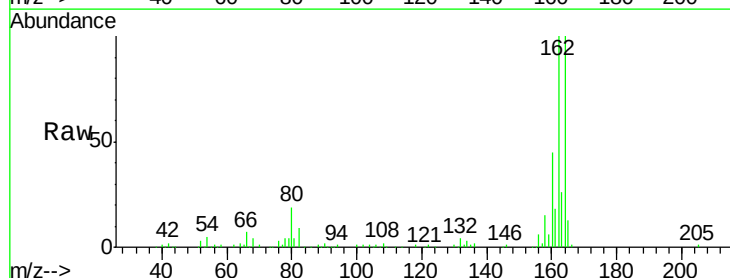
Tgt Ion:165 Resp: 22290

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

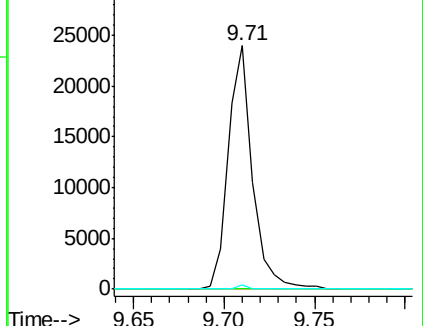
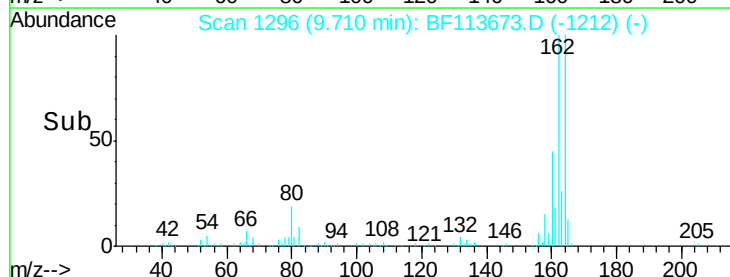
89 1.6 43.1 64.7#

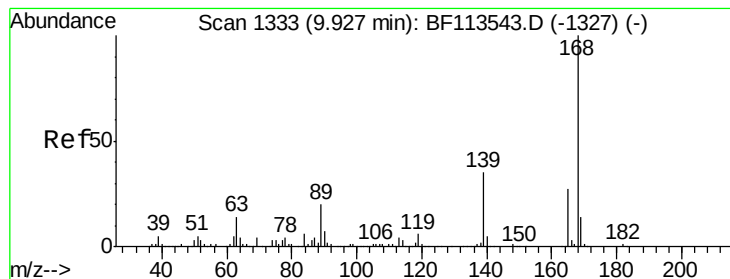


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.383 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22290

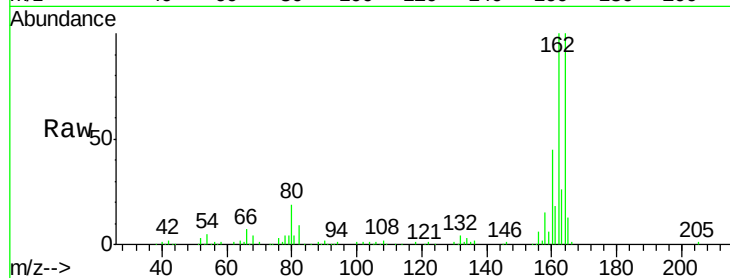
Ion Ratio Lower Upper

165 100

63 0.0 37.5 56.3#

89 1.6 57.4 86.2#

182 0.0 2.0 3.0#

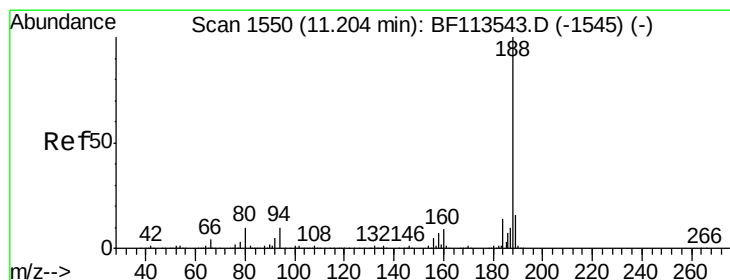
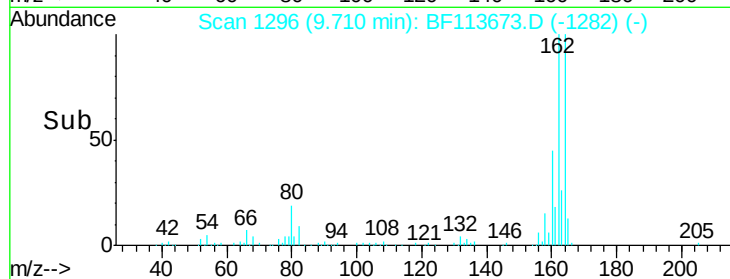
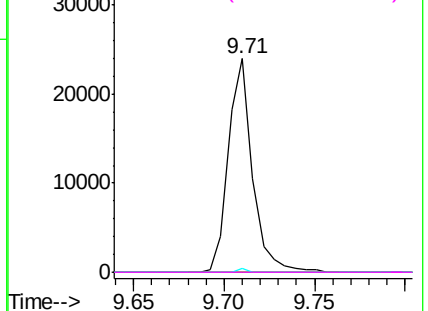


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

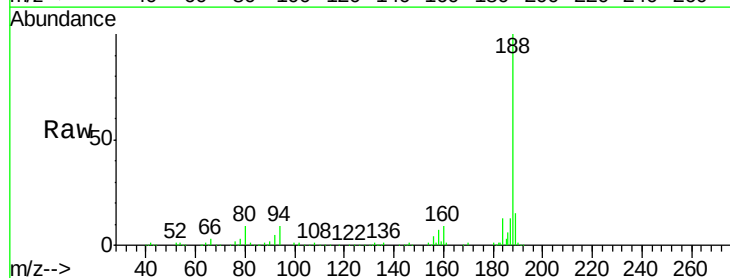
Tgt Ion:188 Resp: 329802

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

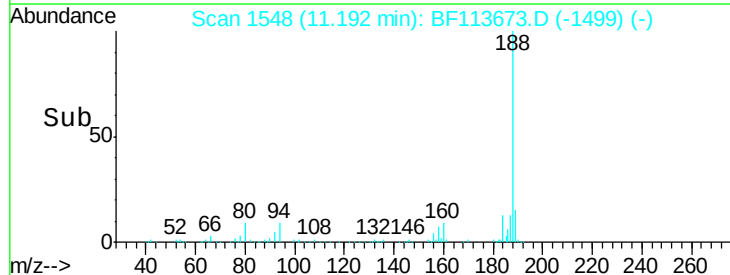
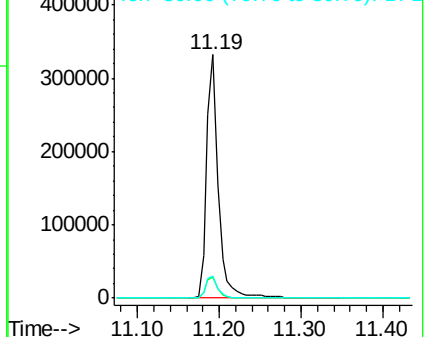
80 9.0 7.7 11.5

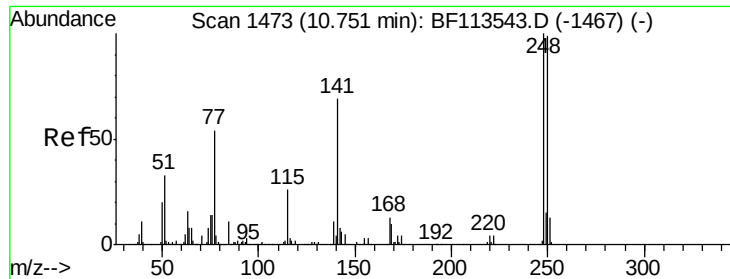


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

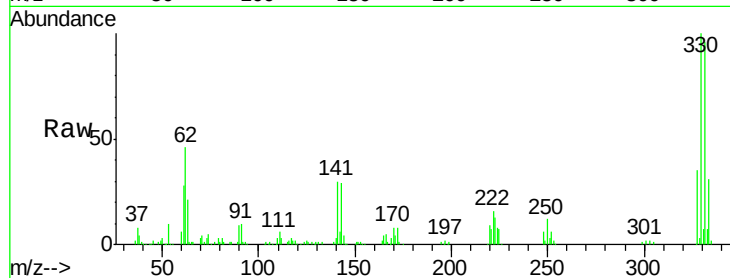




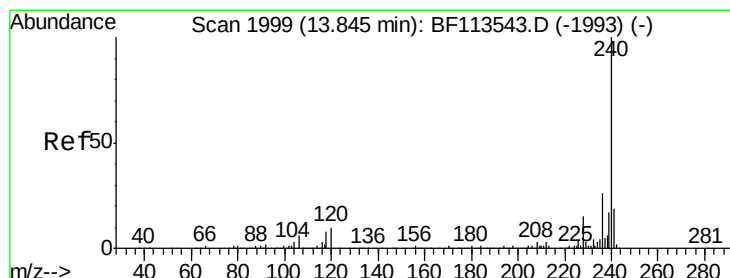
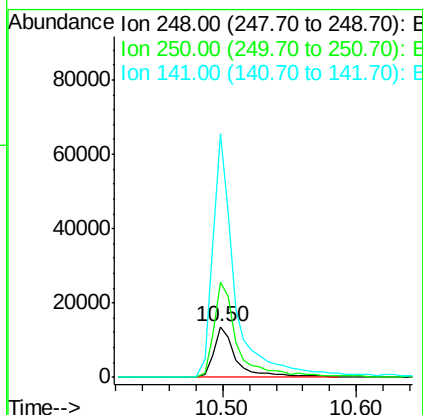
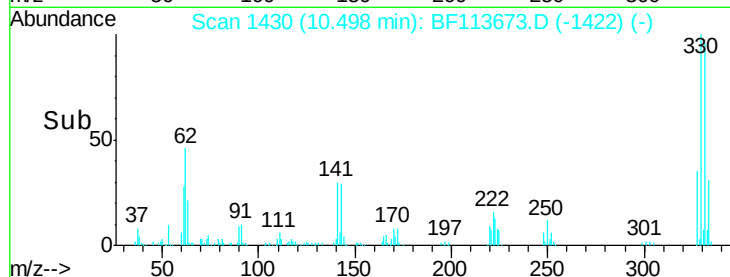
#67
4-Bromophenyl-phenylether
Concen: 4.309 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113673.D
Acq: 9 Apr 2019 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15939
Ion Ratio Lower Upper
248 100
250 189.6 78.3 117.5#
141 483.9 56.2 84.4#

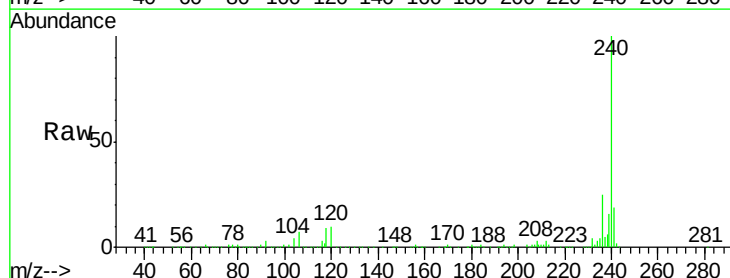


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

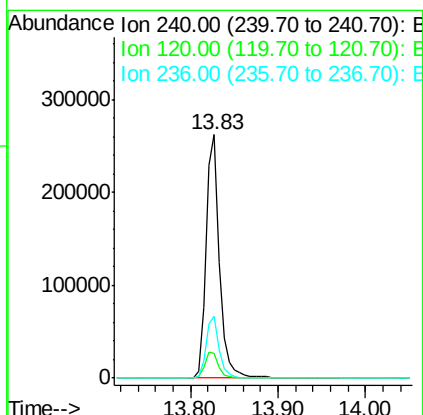
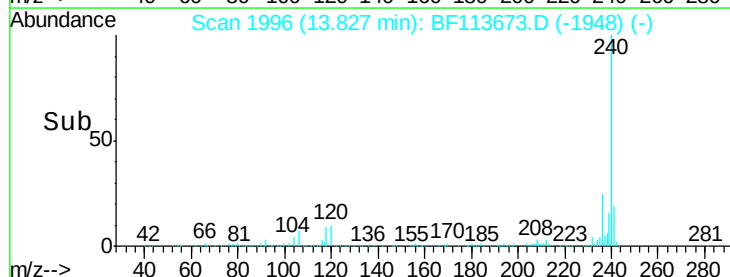


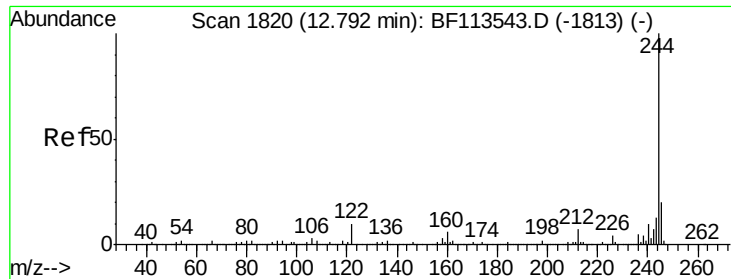
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113673.D
Acq: 9 Apr 2019 20:55

Tgt Ion:240 Resp: 278606
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 25.3 20.9 31.3



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

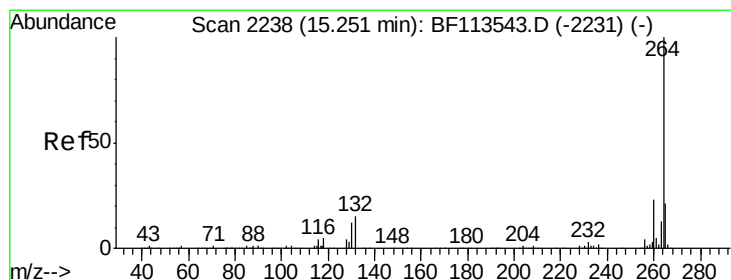
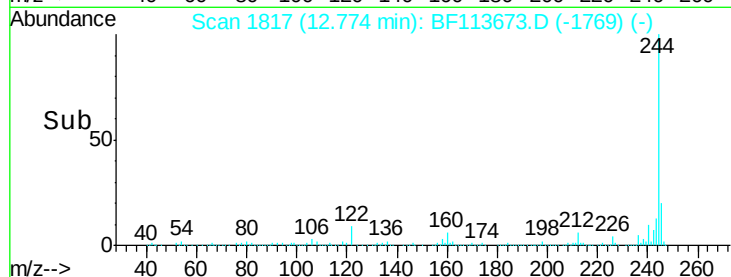
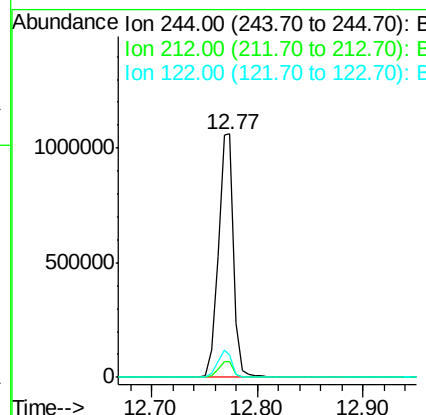
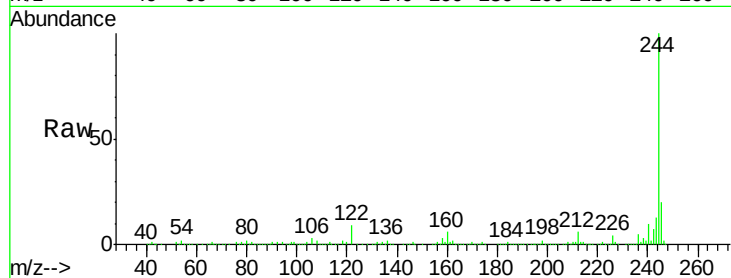




#79
 Terphenyl-d14
 Concen: 79.546 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113673.D
 Acq: 9 Apr 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1088501
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.5 8.3
 122 9.2 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113673.D
 Acq: 9 Apr 2019 20:55

Tgt Ion:264 Resp: 266361
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.6 17.1 25.7

