

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112995.D
 Acq On : 12 Mar 2019 10:22
 Operator : JU/SJ
 Sample : K1817-16
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B108-030619

Quant Time: Mar 12 12:00:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	83042	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	326029	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	170231	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	381635	20.00	ng	0.00
76) Chrysene-d12	13.86	240	291729	20.00	ng	-0.01
87) Perylene-d12	15.27	264	219897	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	459067	85.99	ng	-0.02
7) Phenol-d6	6.36	99	615001	91.71	ng	0.00
23) Nitrobenzene-d5	7.29	82	344200	63.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	220400	121.96	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	734164	67.73	ng	-0.01
79) Terphenyl-d14	12.82	244	849584	56.45	ng	-0.01

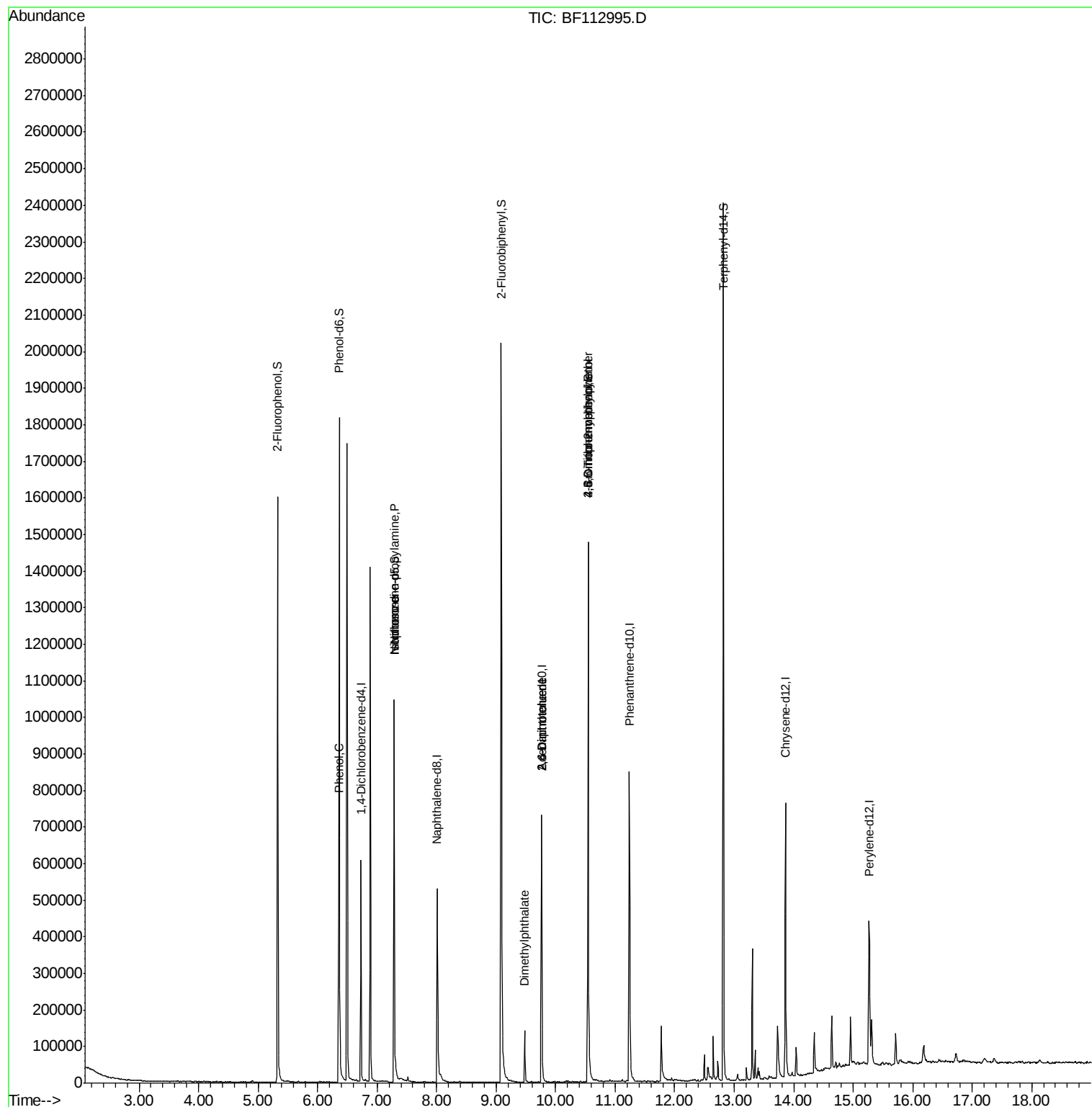
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	42558	5.438	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	43493	10.241	ng	# 75
25) Isophorone	7.29	82	344197	29.323	ng	# 66
50) Dimethylphthalate	9.48	163	67747	5.397	ng	98
51) 2,6-Dinitrotoluene	9.76	165	20795	7.956	ng	# 17
57) 2,4-Dinitrotoluene	9.76	165	20795	6.400	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	127	4.686	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	12135	3.019	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112995.D
Acq On : 12 Mar 2019 10:22
Operator : JU/SJ
Sample : K1817-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-027-B108-030619

Quant Time: Mar 12 12:00:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



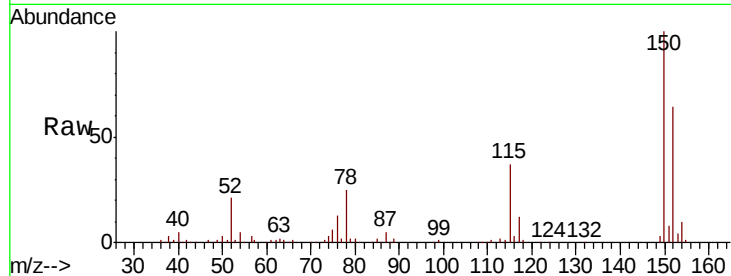


#1

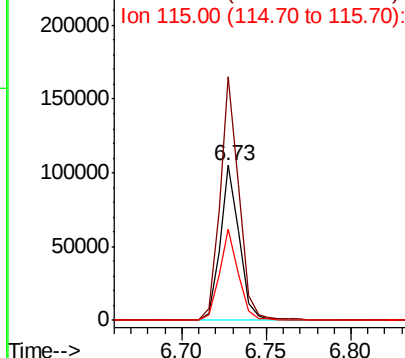
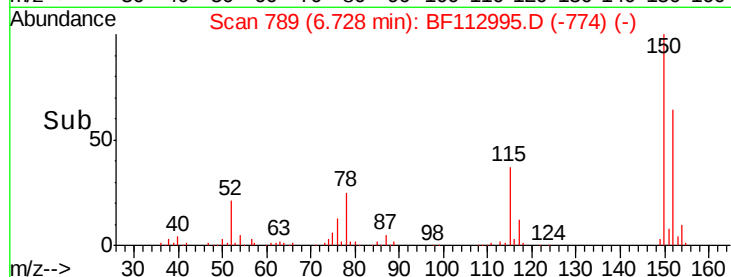
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B108-030619

Tot Ion:152 Resp: 83042
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.2 186.2
 115 58.6 48.2 72.4



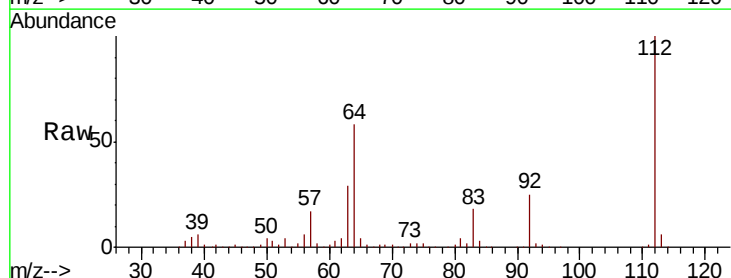
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



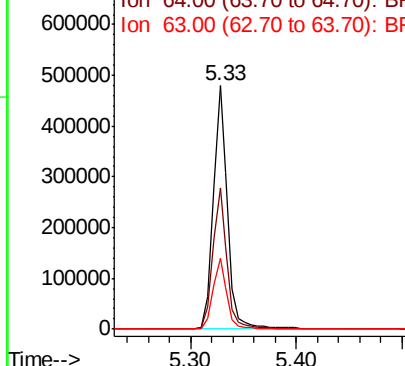
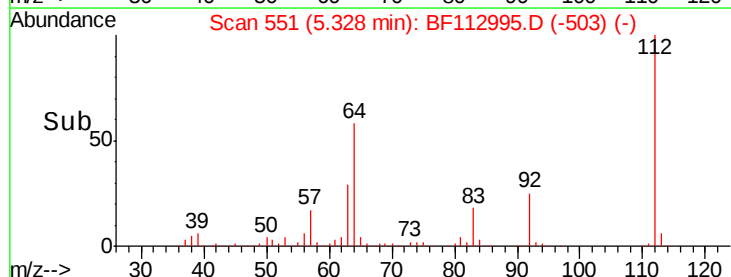
#5

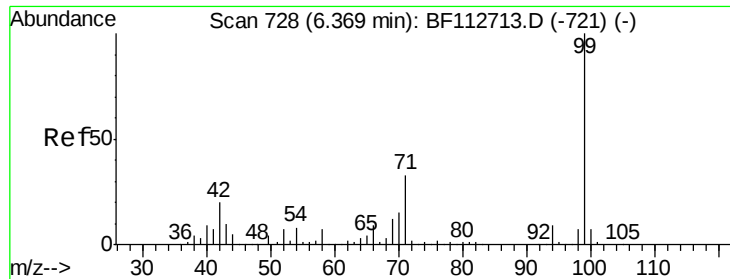
2-Fluorophenol
 Concen: 85.993 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Tgt Ion:112 Resp: 459067
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.6 71.4
 63 29.0 24.4 36.6



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: 91.709 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

Instrument :

BNA_F

ClientSampleId :

PST-027-B108-030619

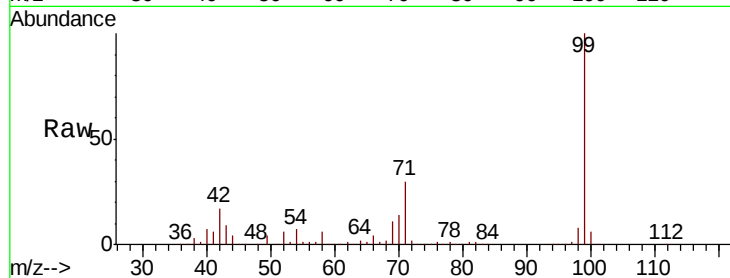
Tot Ion: 99 Resp: 615001

Ion Ratio Lower Upper

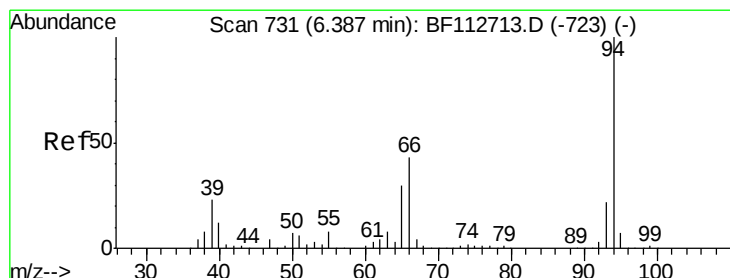
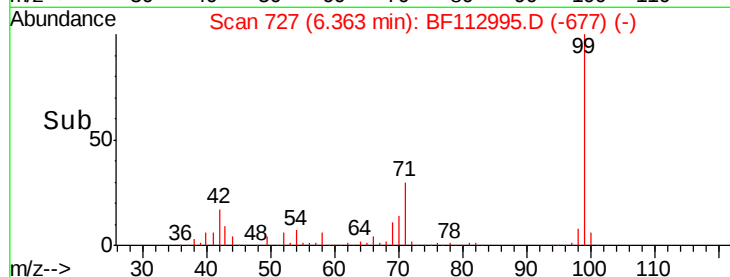
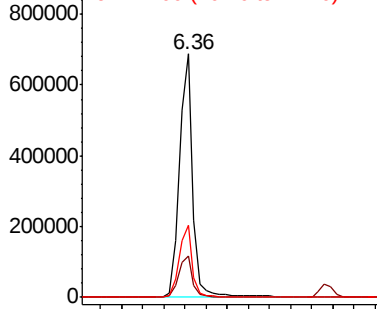
99 100

42 16.8 16.3 24.5

71 29.9 26.2 39.4



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



#10

Phenol

Concen: 5.438 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

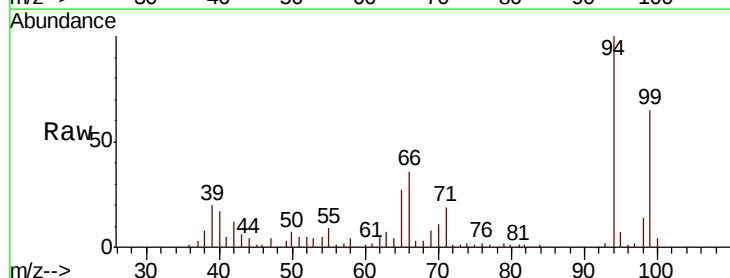
Tgt Ion: 94 Resp: 42558

Ion Ratio Lower Upper

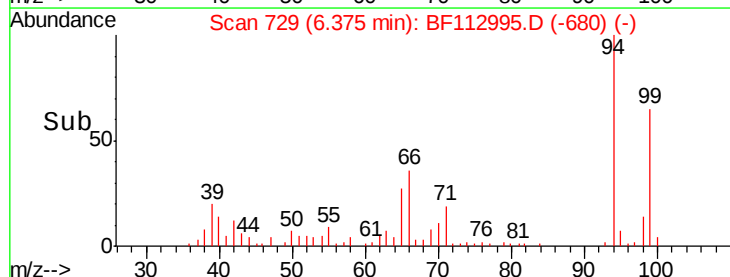
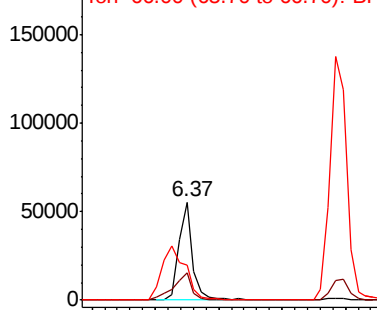
94 100

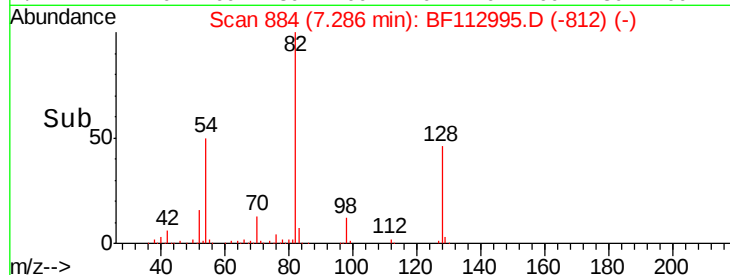
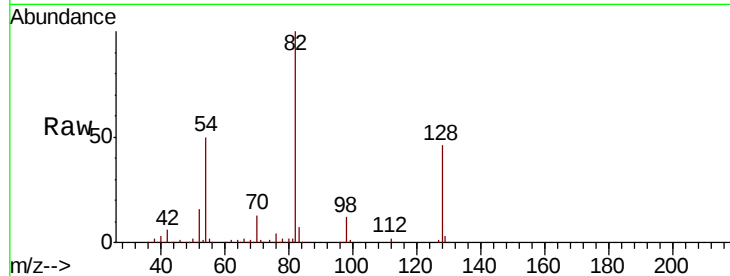
65 27.2 10.5 50.5

66 35.8 22.6 62.6



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





#19

n-Nitroso-di-n-propylamine

Concen: 10.241 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

Instrument :

BNA_F

ClientSampleId :

PST-027-B108-030619

Tot Ion: 70 Resp: 43493

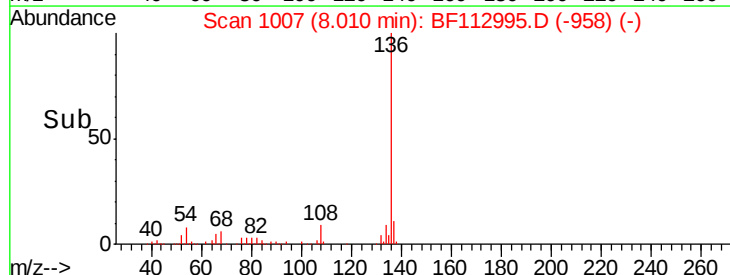
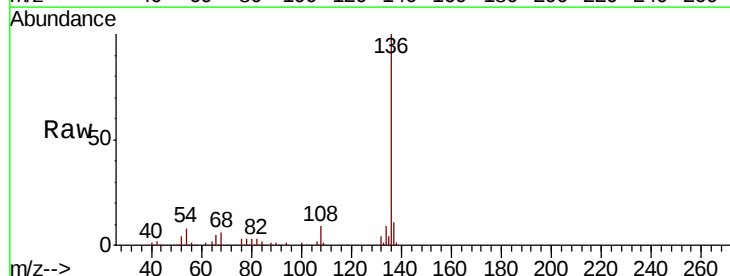
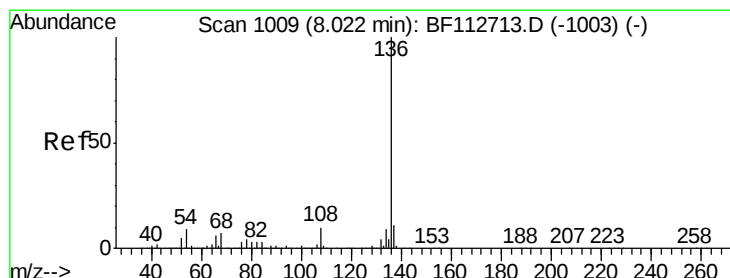
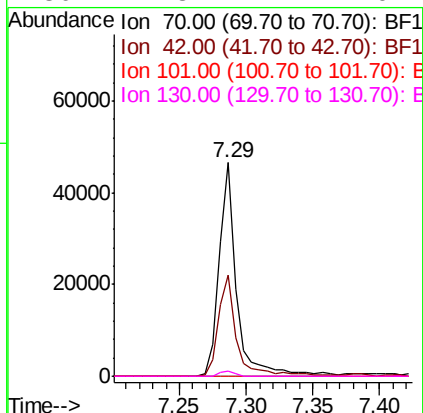
Ion Ratio Lower Upper

70 100

42 47.3 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

Tgt Ion: 136 Resp: 326029

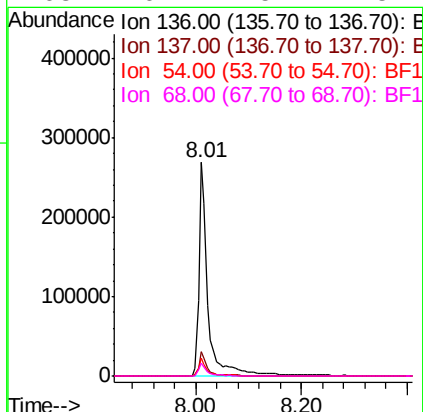
Ion Ratio Lower Upper

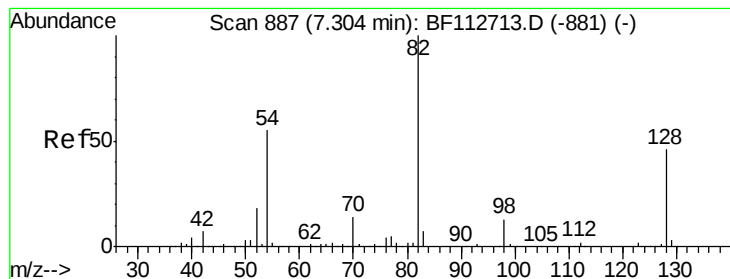
136 100

137 11.2 8.9 13.3

54 8.1 7.3 10.9

68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 63.173 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

Instrument :

BNA_F

ClientSampleId :

PST-027-B108-030619

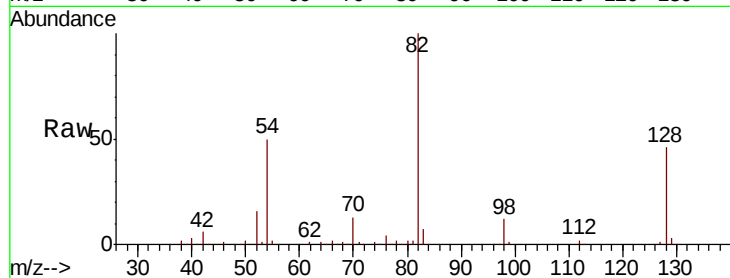
Tot Ion: 82 Resp: 344200

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

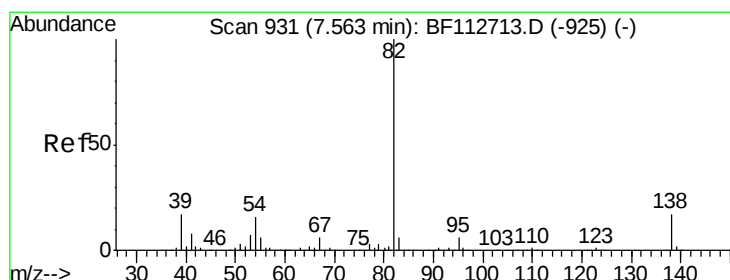
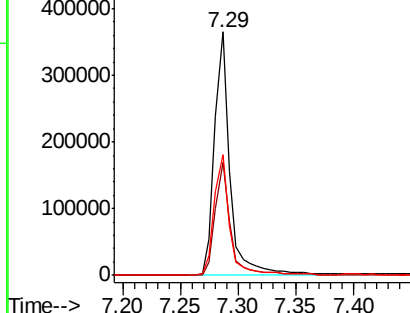
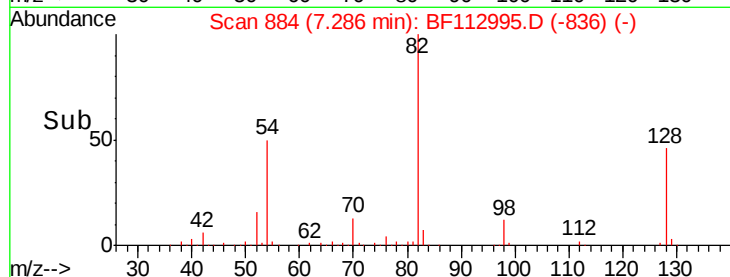
54 49.8 43.7 65.5



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: 29.323 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

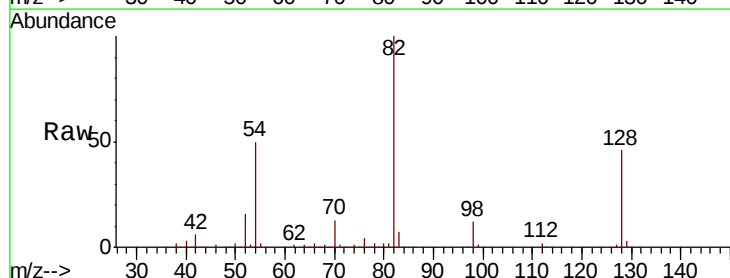
Tgt Ion: 82 Resp: 344197

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

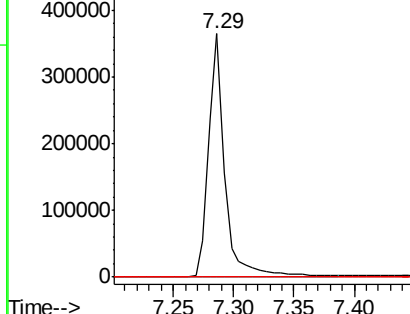
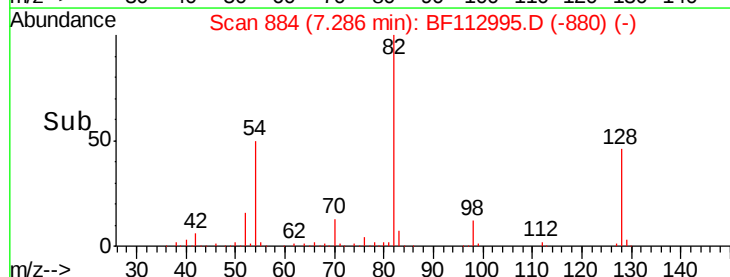
138 0.0 13.8 20.8#



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

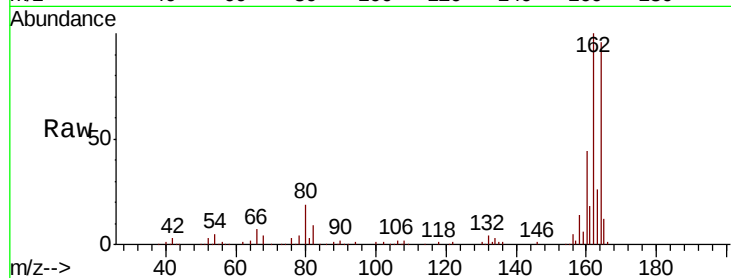




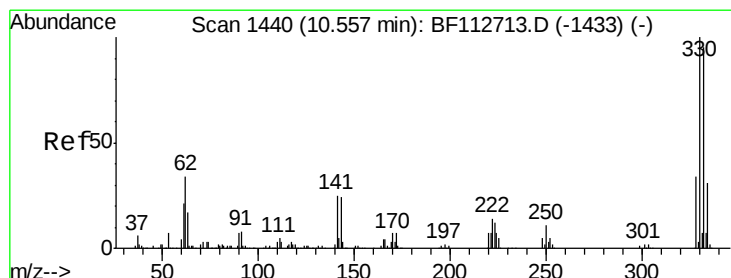
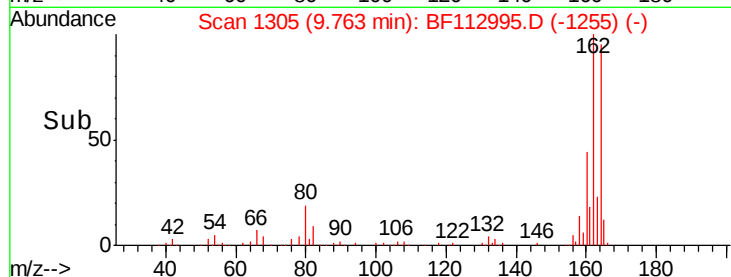
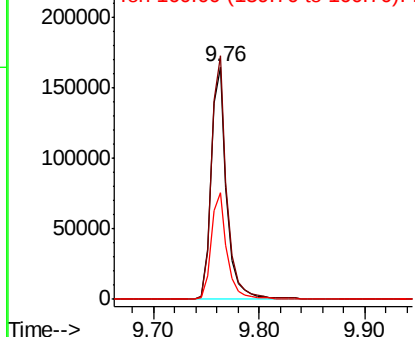
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B108-030619

Tot Ion:164 Resp: 170231
 Ion Ratio Lower Upper
 164 100
 162 104.7 80.6 120.8
 160 46.0 36.0 54.0

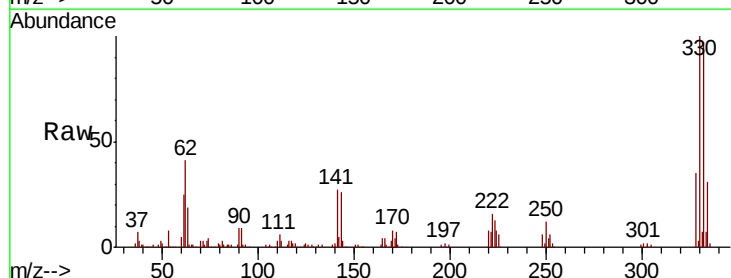


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

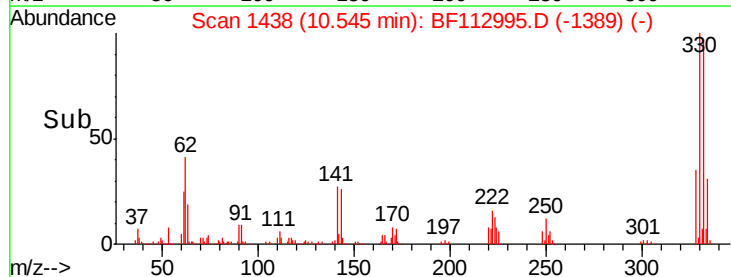
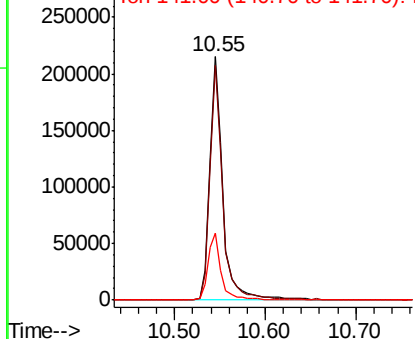


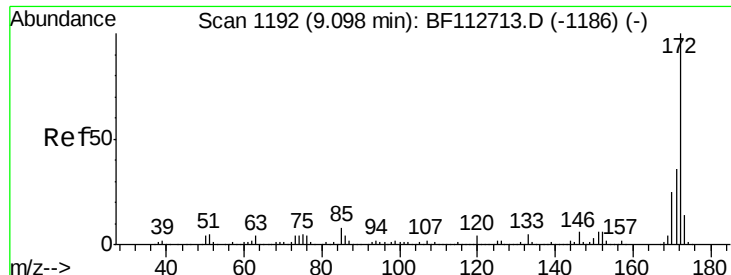
#42
 2,4,6-Tribromophenol
 Concen: 121.956 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Tgt Ion:330 Resp: 220400
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 27.4 27.0 40.6



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

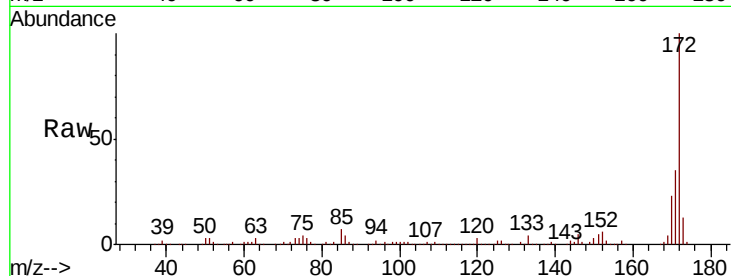




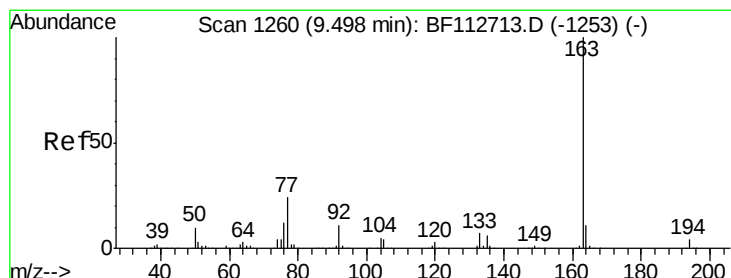
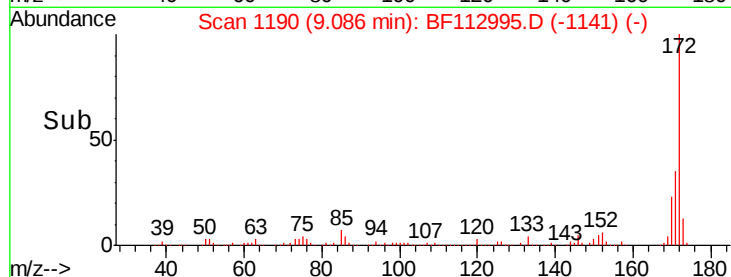
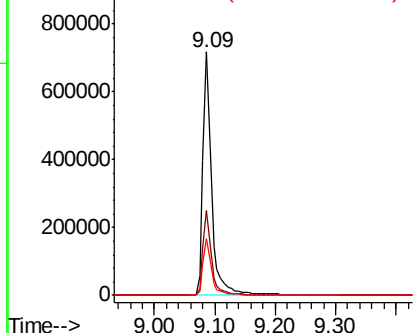
#45
 2-Fluorobiphenyl
 Concen: 67.728 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B108-030619

Tot Ion:172 Resp: 734164
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.4
 170 23.3 20.0 30.0

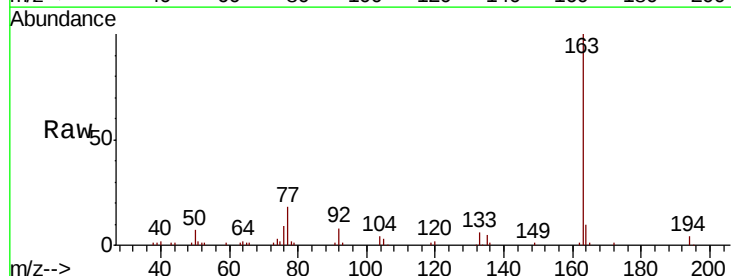


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

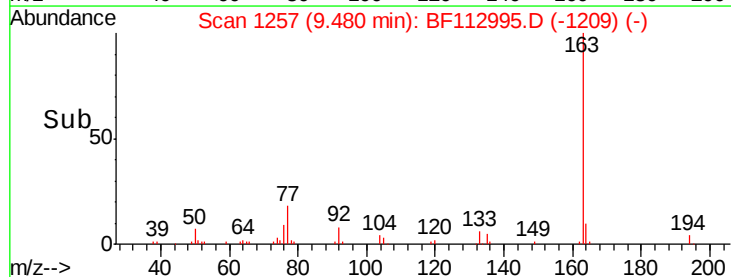
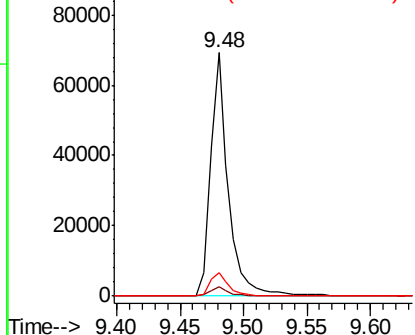


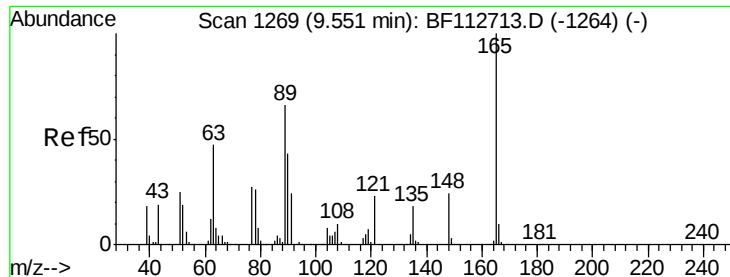
#50
 Dimethylphthalate
 Concen: 5.397 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Tgt Ion:163 Resp: 67747
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.7 8.4 12.6



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

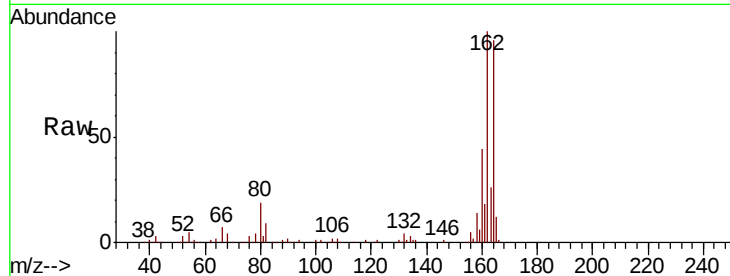




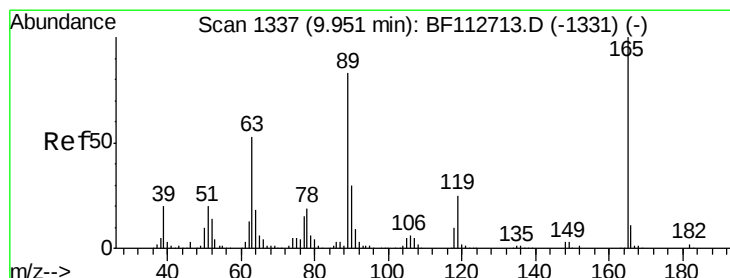
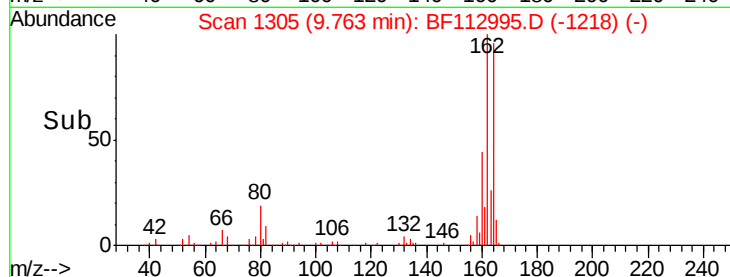
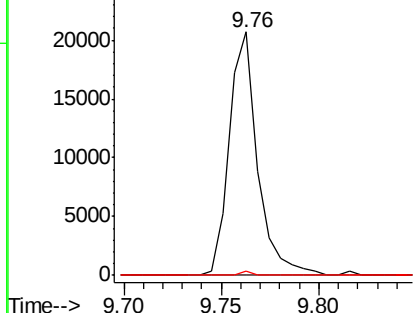
#51
 2,6-Dinitrotoluene
 Concen: 7.956 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B108-030619

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	1.5	52.8	79.2#

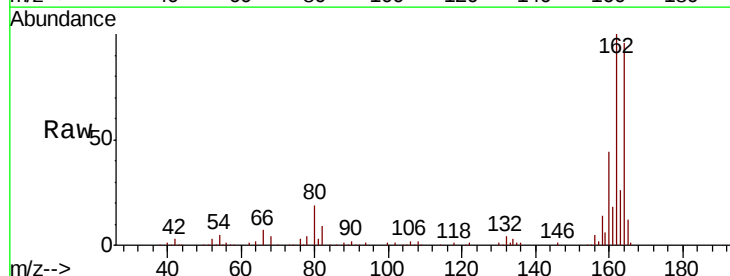


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

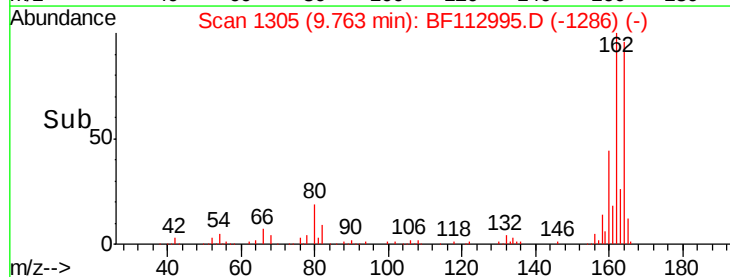
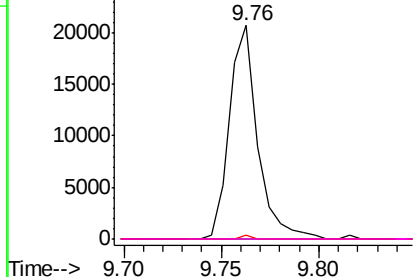


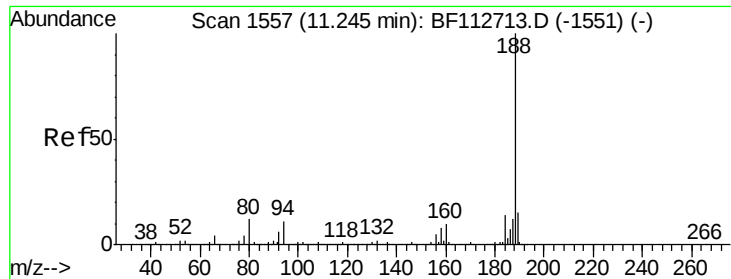
#57
 2,4-Dinitrotoluene
 Concen: 6.400 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



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

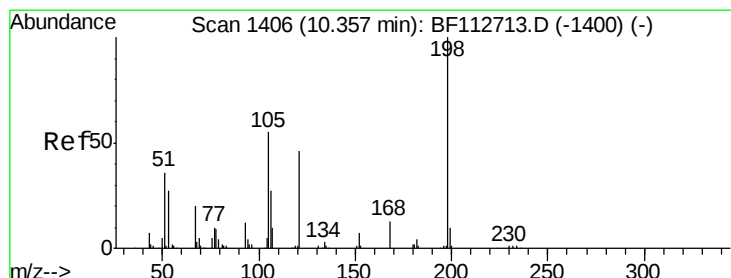
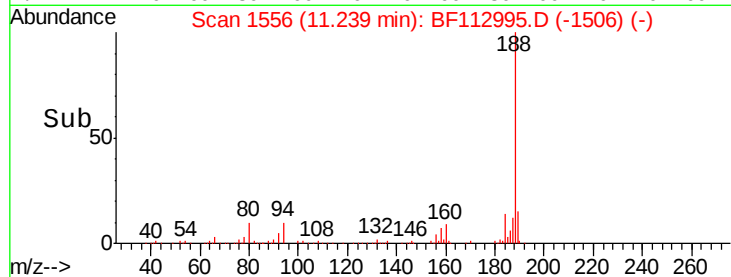
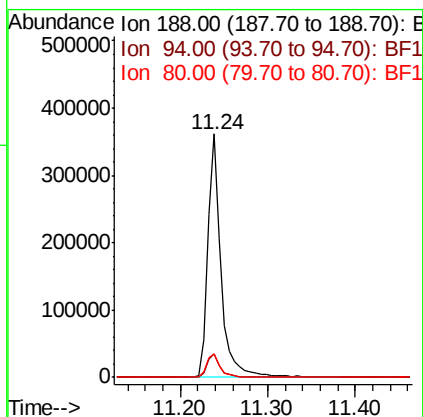
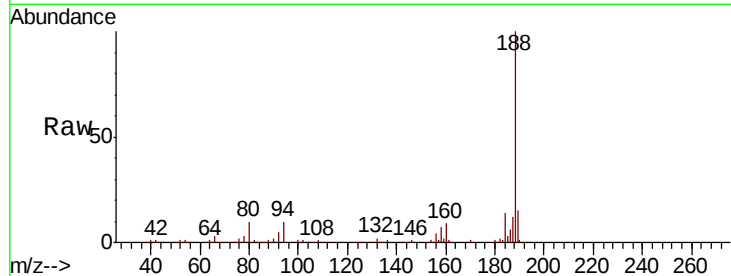




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

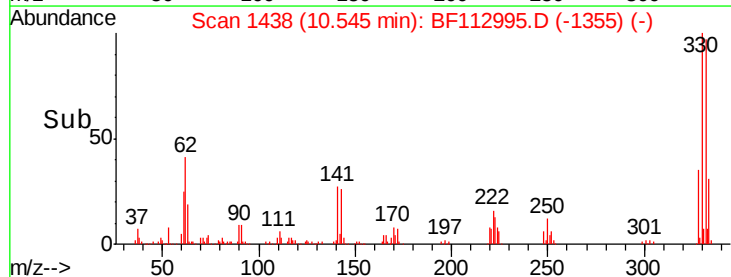
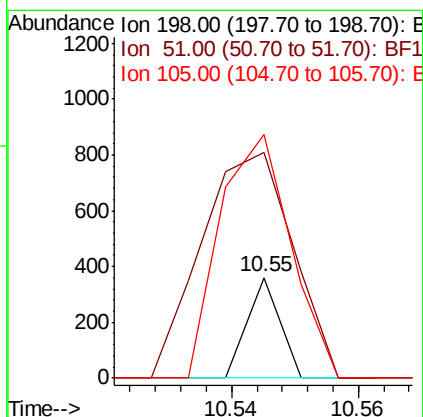
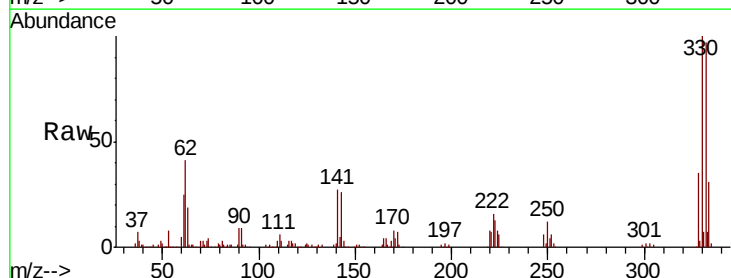
Instrument :
BNA_F
ClientSampleId :
PST-027-B108-030619

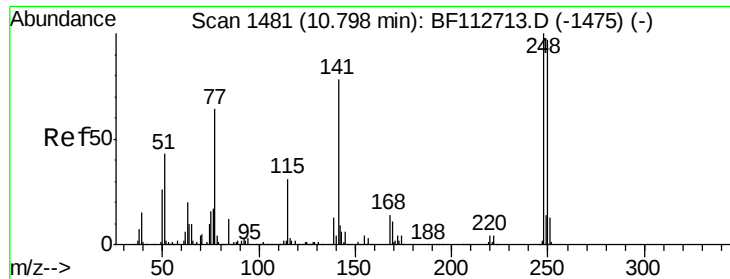
Tot Ion:188 Resp: 381635
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 9.7 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.686 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Tgt Ion:198 Resp: 127
Ion Ratio Lower Upper
198 100
51 225.0 43.8 83.8#
105 242.5 36.5 76.5#

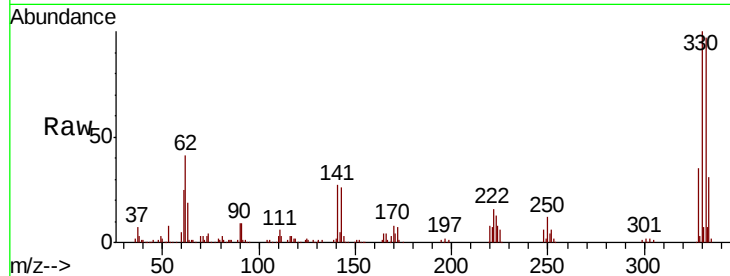




#67
4-Bromophenyl-phenylether
Concen: 3.019 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Instrument :
BNA_F
ClientSampleId :
PST-027-B108-030619

Tot Ion	Ratio	Lower	Upper
248	100		
250	195.8	77.5	116.3#
141	464.9	62.4	93.6#

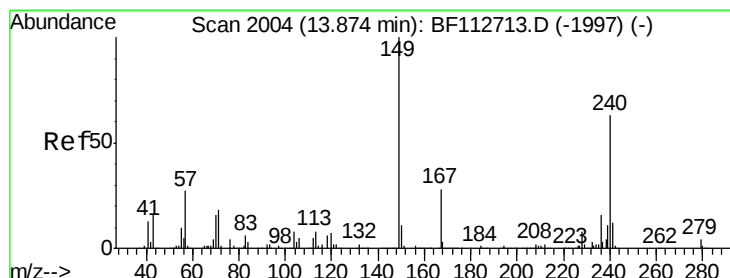
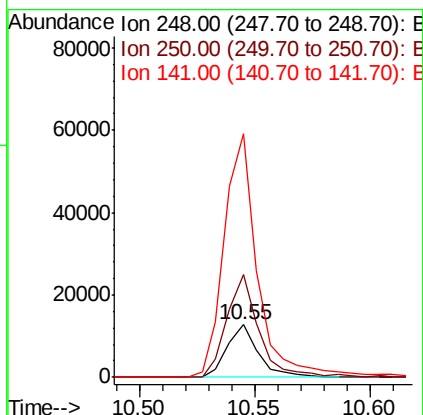
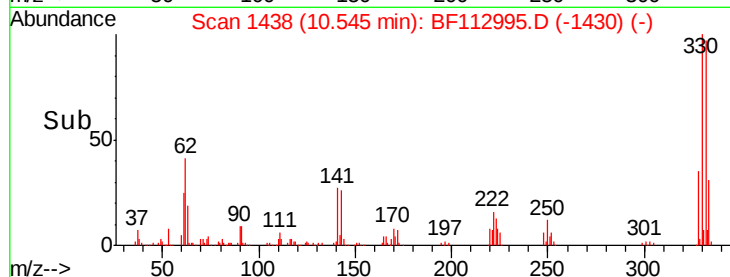


Abundance

Ion 248.00 (247.70 to 248.70): E

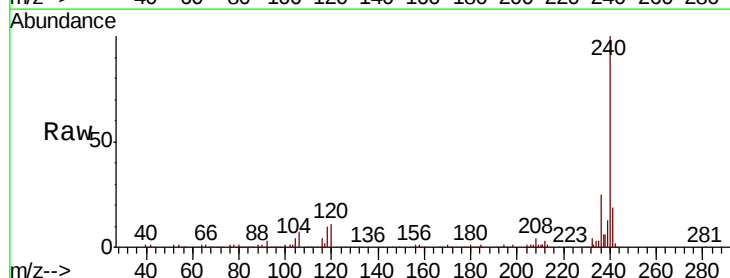
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.3	20.7	31.1

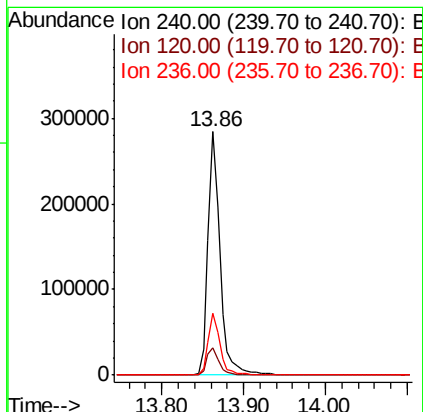
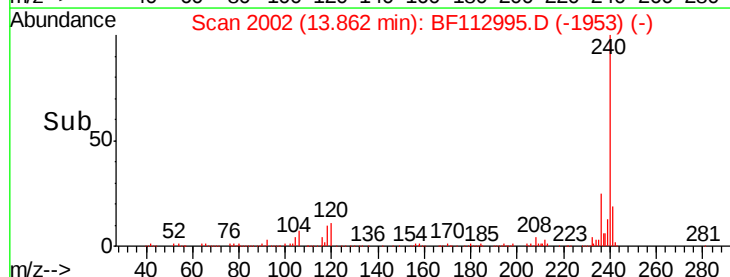


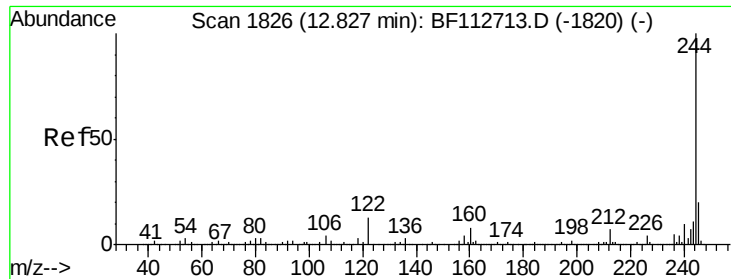
Abundance

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: 56.454 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

Instrument :

BNA_F

ClientSampleId :

PST-027-B108-030619

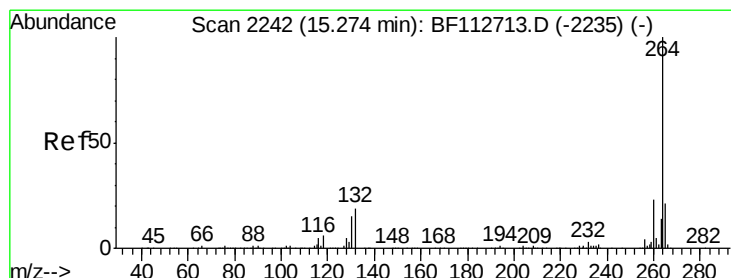
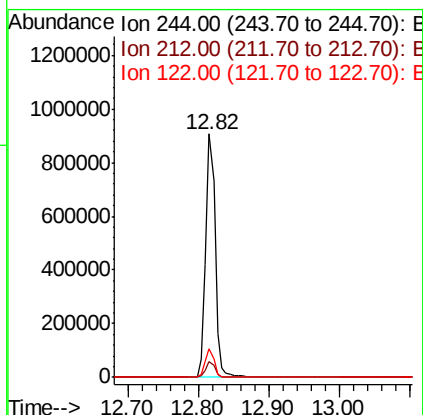
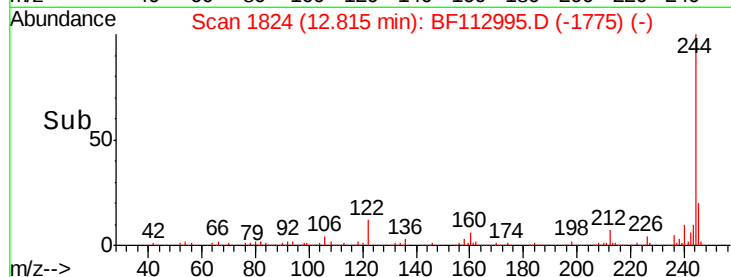
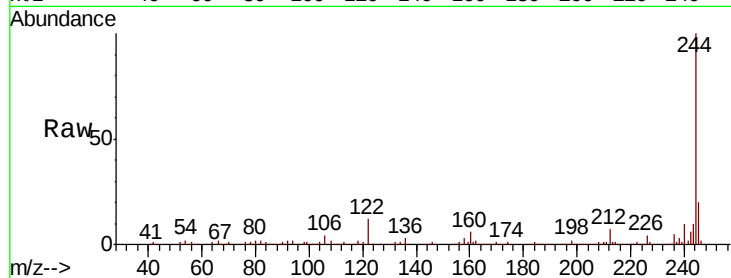
Tot Ion:244 Resp: 849584

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 11.7 10.5 15.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

Tgt Ion:264 Resp: 219897

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 21.4 17.2 25.8

