

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113201.D
 Acq On : 21 Mar 2019 11:39
 Operator : JU/SJ
 Sample : PB118085BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BL

Quant Time: Mar 22 00:41:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

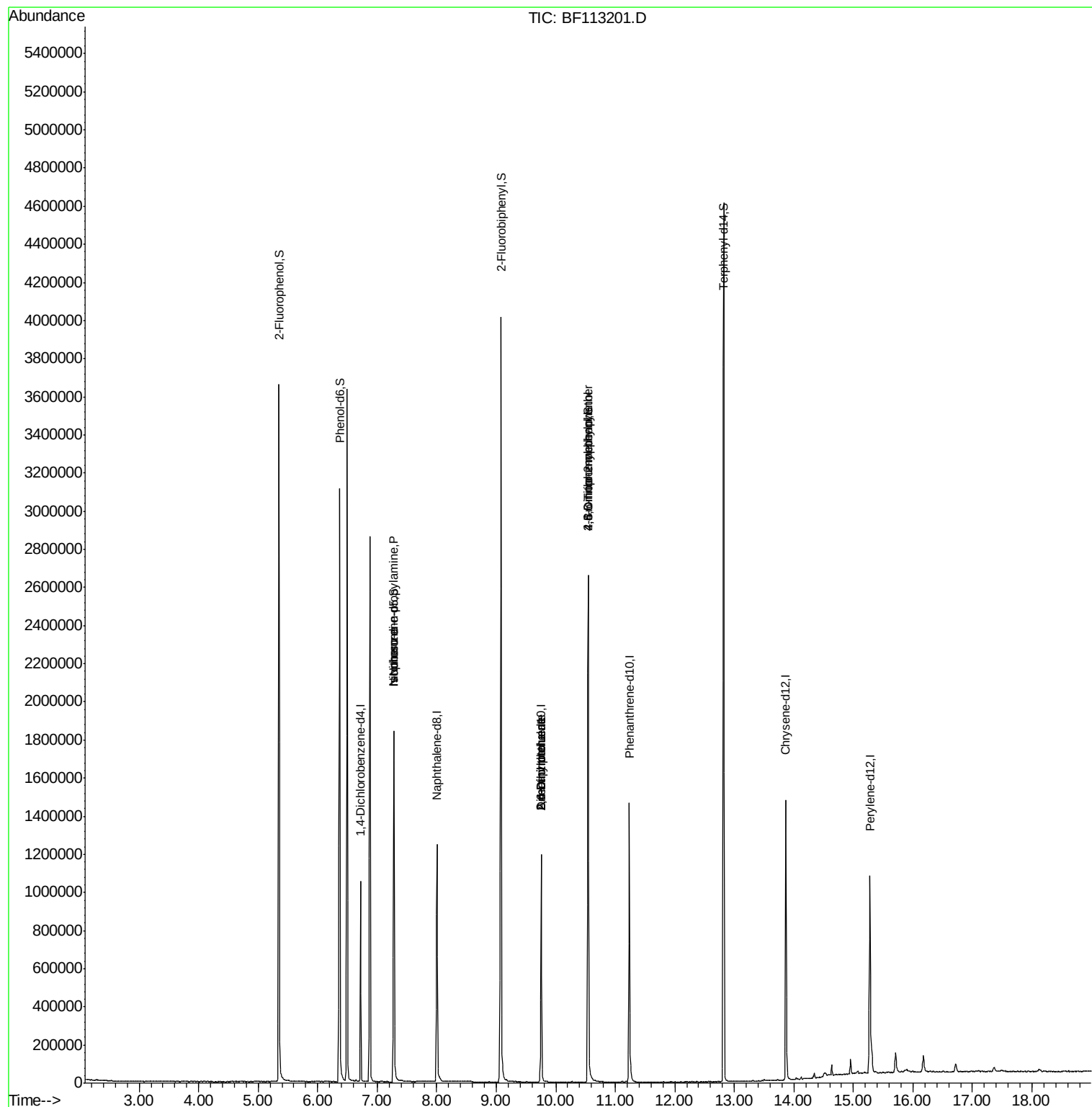
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153771	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	680401	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	291356	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	633257	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	596003	20.00	ng	0.00
87) Perylene-d12	15.27	264	552704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1085399	109.80	ng	0.00
7) Phenol-d6	6.37	99	1319691	106.28	ng	0.00
23) Nitrobenzene-d5	7.28	82	752619	66.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	408868	132.19	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1459160	82.28	ng	-0.01
79) Terphenyl-d14	12.82	244	1736797	56.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	98642	12.543	ng	# 77
25) Isophorone	7.28	82	732584	29.906	ng	# 66
50) Dimethylphthalate	9.76	163	74789	3.481	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	36988	8.268	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	36988	6.651	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	715	4.861	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	22714	3.405	ng	# 1

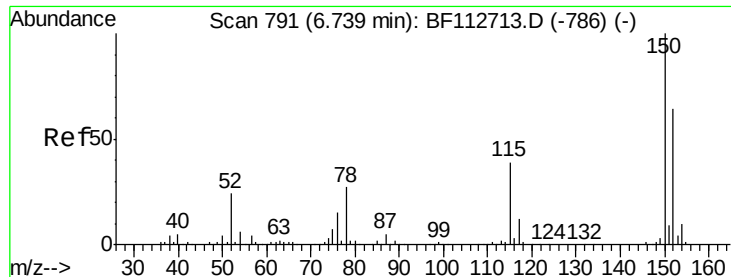
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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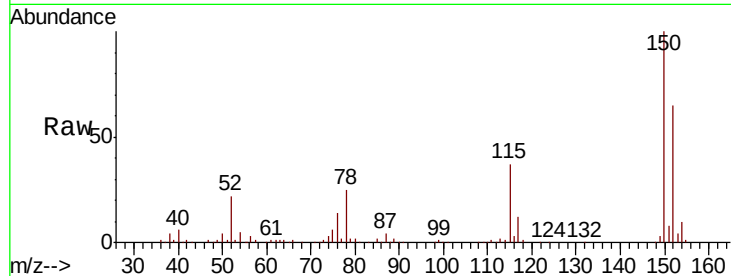


#1

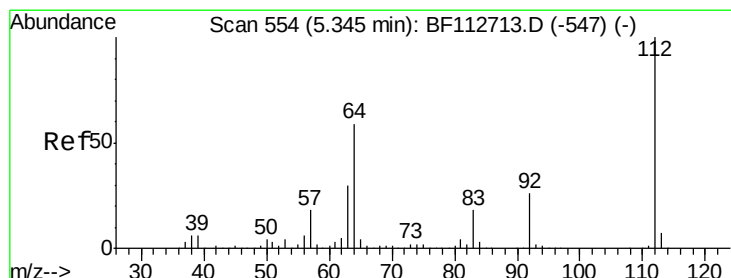
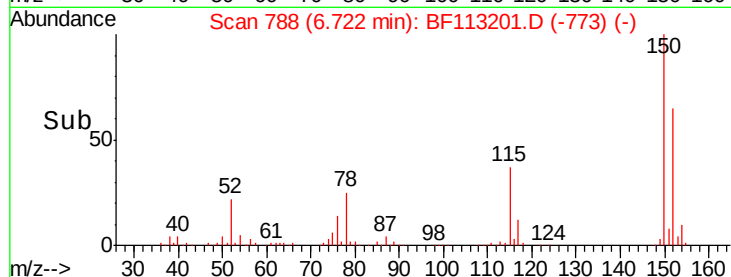
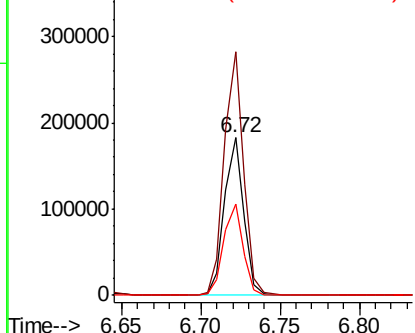
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

Instrument :
BNA_F
ClientSampleId :
PB118085BL

Tgt Ion:152 Resp: 153771
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.2
115 57.8 48.2 72.4



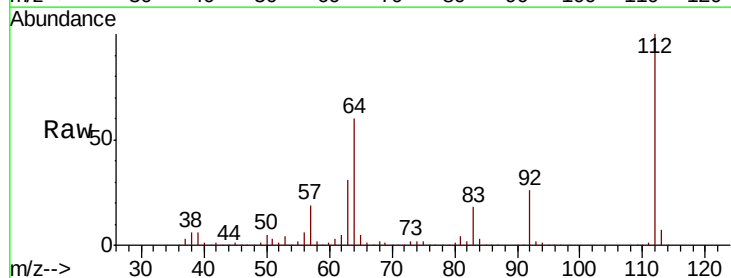
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



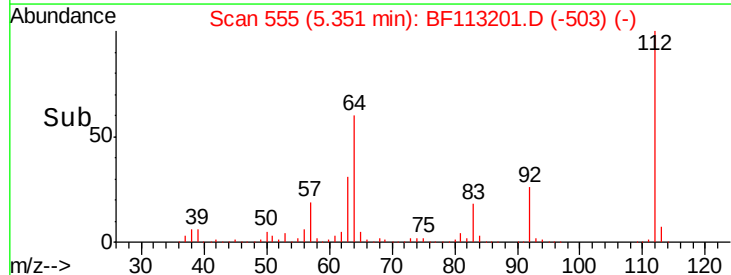
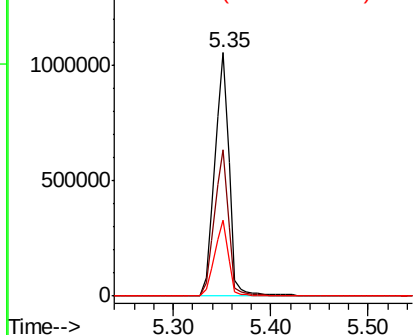
#5

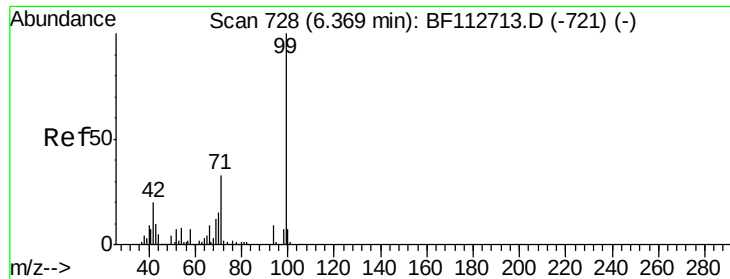
2-Fluorophenol
Concen: 109.799 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

Tgt Ion:112 Resp: 1085399
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 31.1 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: 106.276 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113201.D

Acq: 21 Mar 2019 11:39

Instrument :

BNA_F

ClientSampleId :

PB118085BL

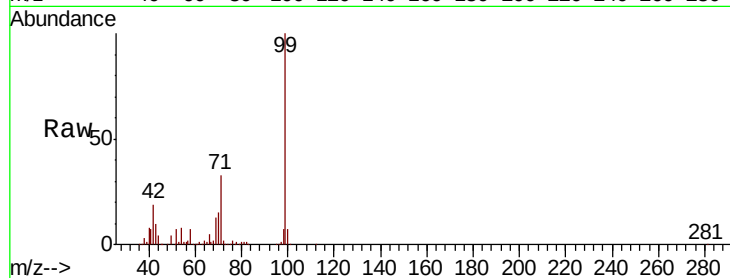
Tgt Ion: 99 Resp: 1319691

Ion Ratio Lower Upper

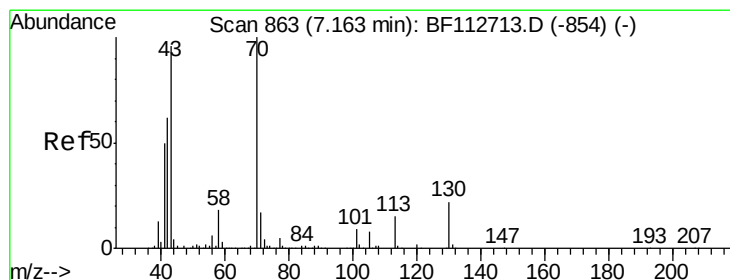
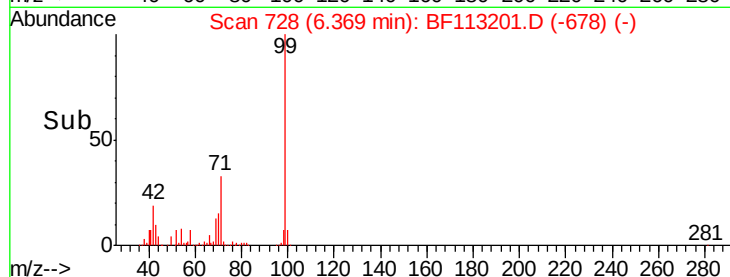
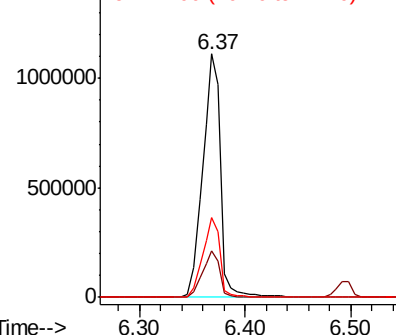
99 100

42 19.3 16.3 24.5

71 32.9 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: 12.543 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF113201.D

Acq: 21 Mar 2019 11:39

Tgt Ion: 70 Resp: 98642

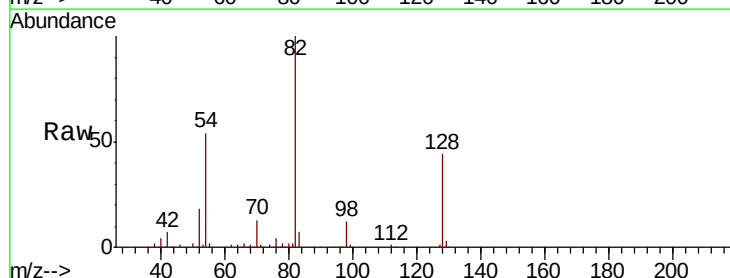
Ion Ratio Lower Upper

70 100

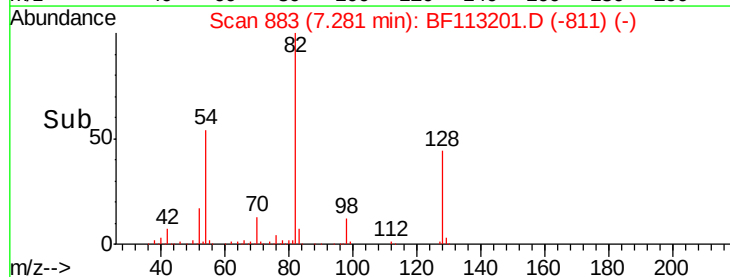
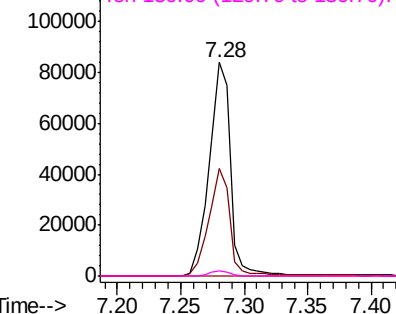
42 50.1 49.9 74.9

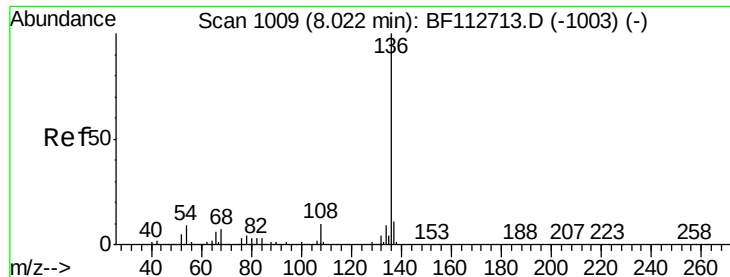
101 0.0 7.4 11.2#

130 2.3 17.4 26.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
120000
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

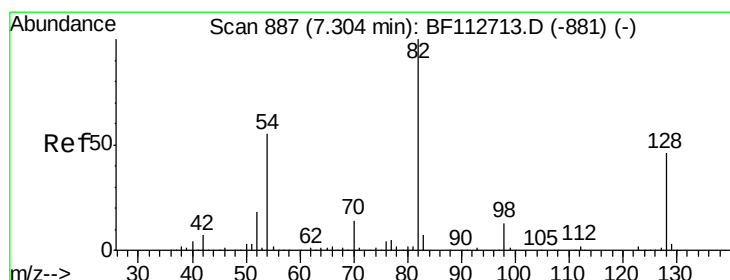
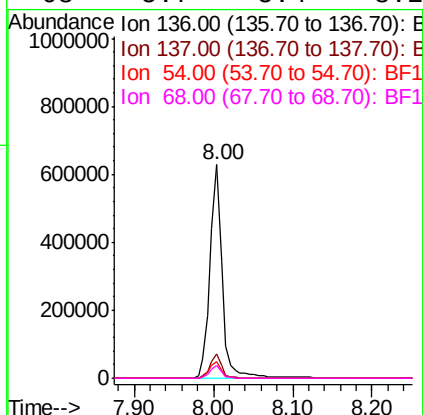
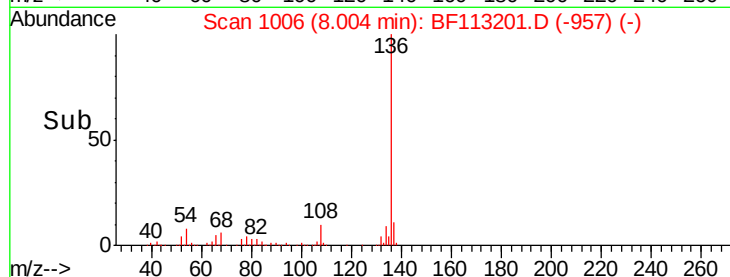
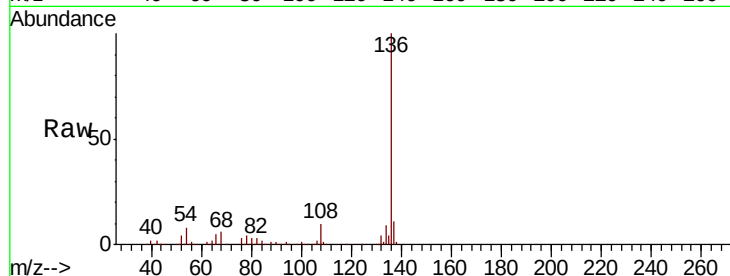




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

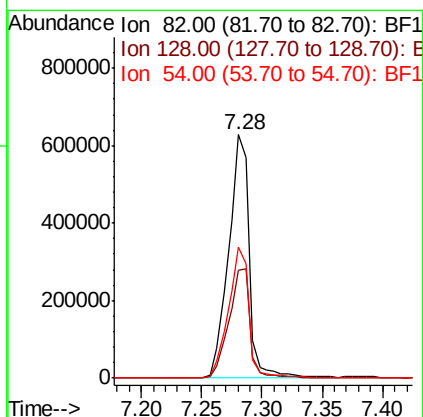
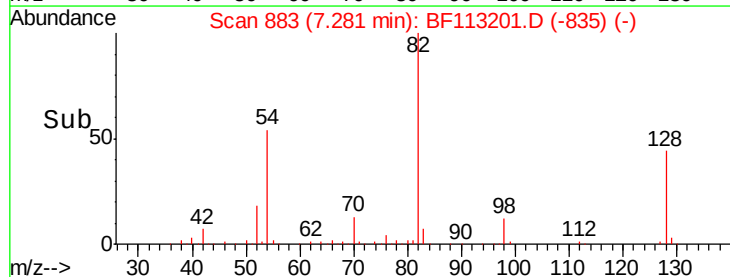
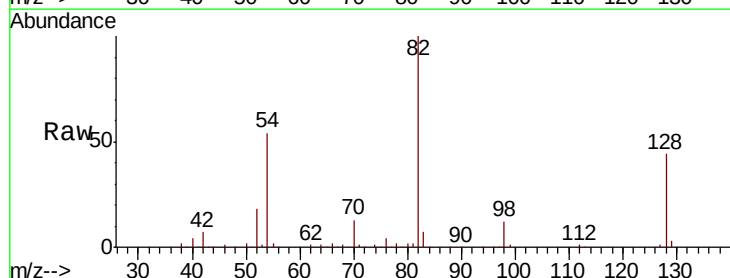
Instrument :
BNA_F
ClientSampleId :
PB118085BL

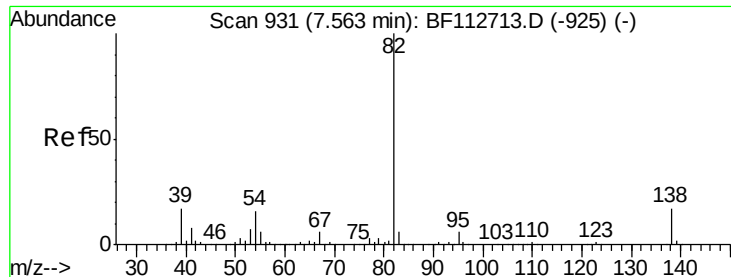
Tgt Ion:	136	Resp:	680401
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	7.3	10.9
68	5.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 66.189 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

Tgt Ion:	82	Resp:	752619
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.3	54.5
54	53.7	43.7	65.5





#25

Isophorone

Concen: 29.906 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF113201.D

Acq: 21 Mar 2019 11:39

Instrument :

BNA_F

ClientSampleId :

PB118085BL

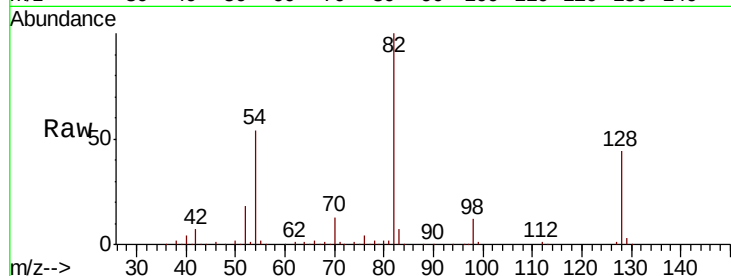
Tgt Ion: 82 Resp: 732584

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

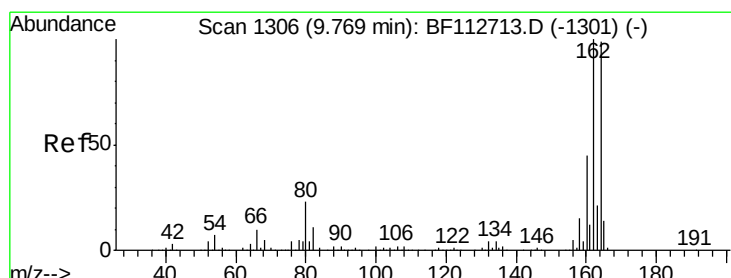
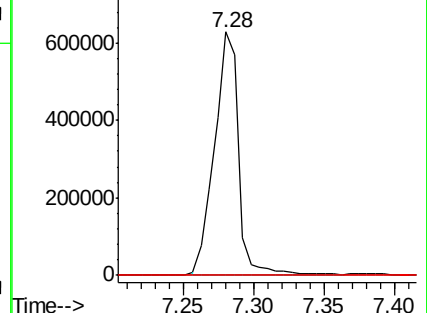
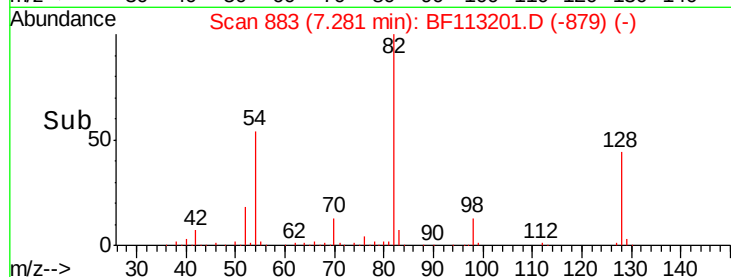
138 0.0 13.8 20.8#



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# 1304

Delta R.T. -0.01 min

Lab File: BF113201.D

Acq: 21 Mar 2019 11:39

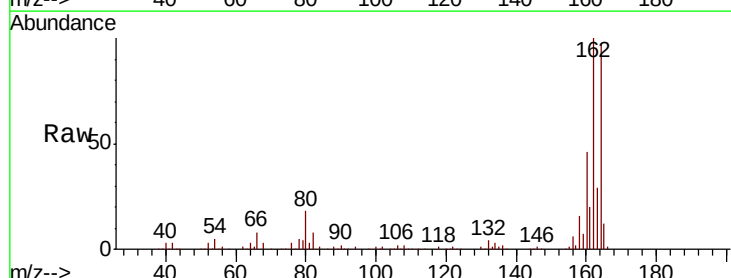
Tgt Ion: 164 Resp: 291356

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

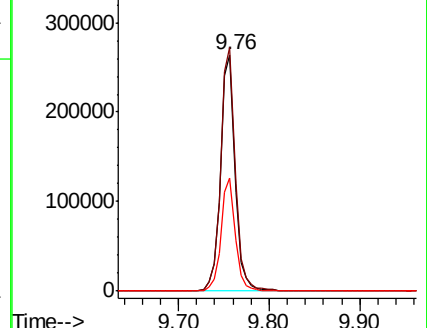
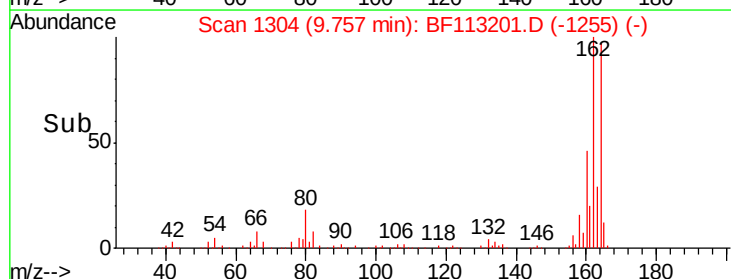
160 47.8 36.0 54.0

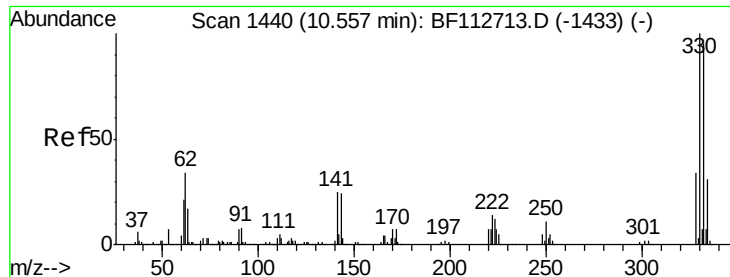


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

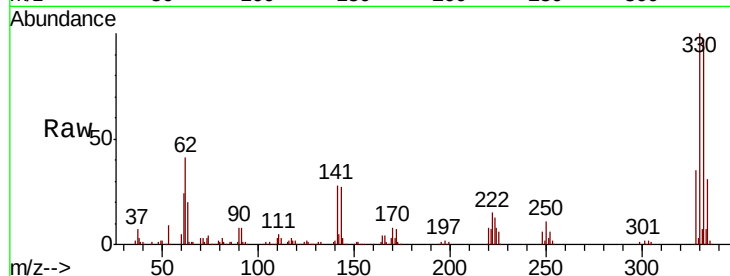




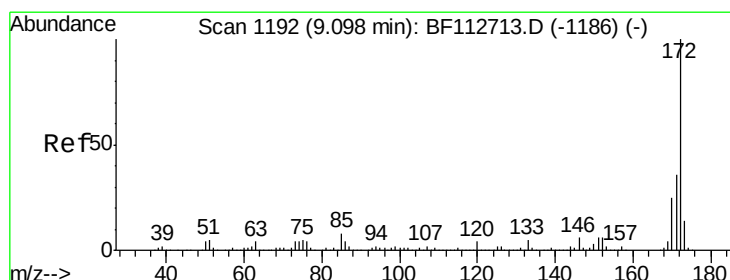
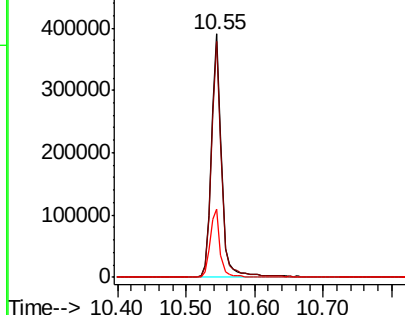
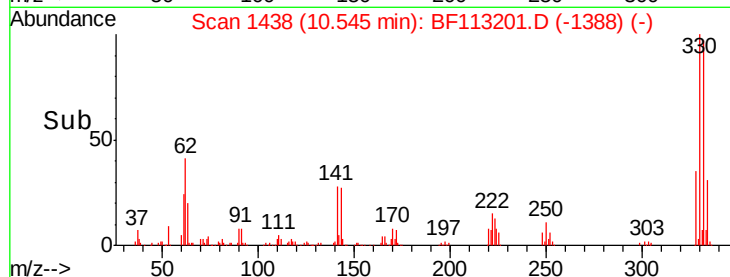
#42
 2,4,6-Tribromophenol
 Concen: 132.187 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	28.3	27.0	40.6

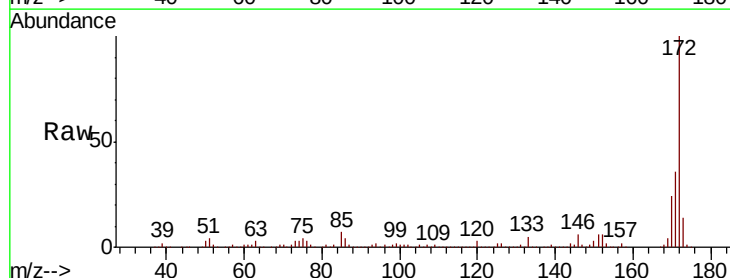


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

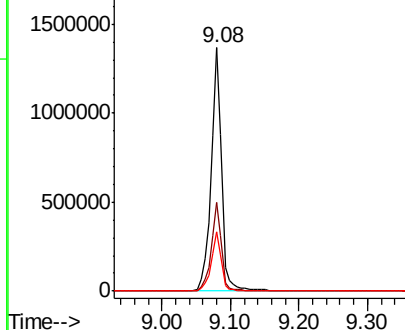
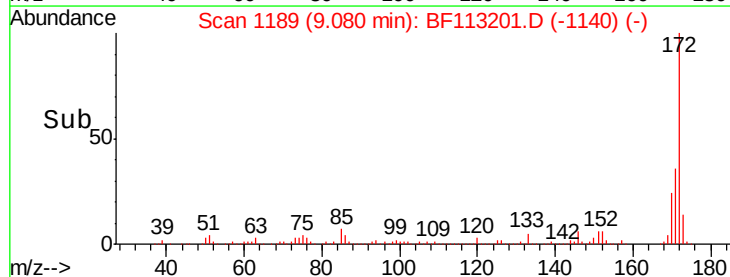


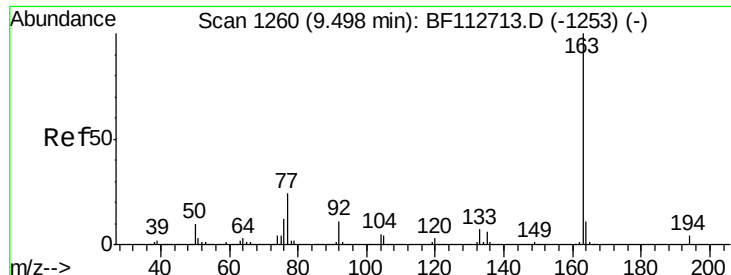
#45
 2-Fluorobiphenyl
 Concen: 82.276 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.4	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: 3.481 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.26 min

Lab File: BF113201.D

Acq: 21 Mar 2019 11:39

Instrument :

BNA_F

ClientSampleId :

PB118085BL

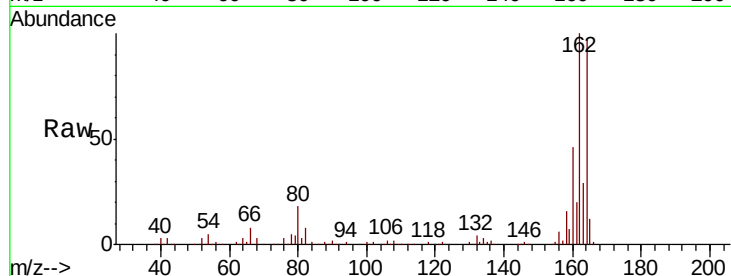
Tgt Ion:163 Resp: 74789

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

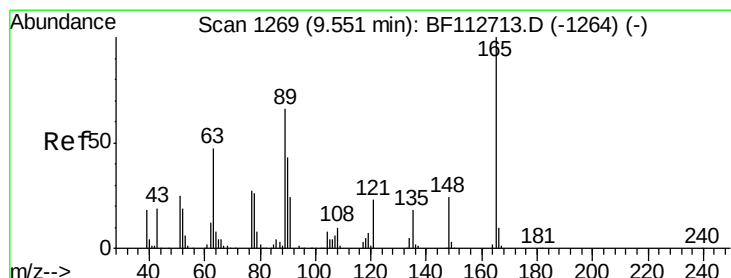
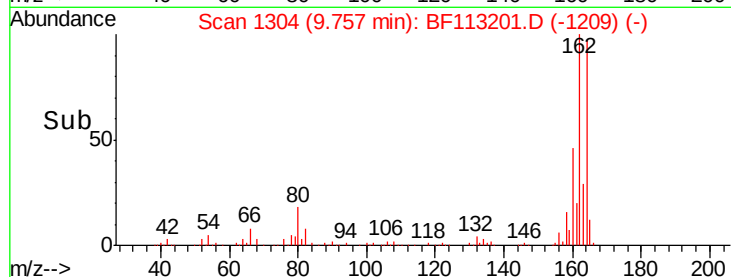
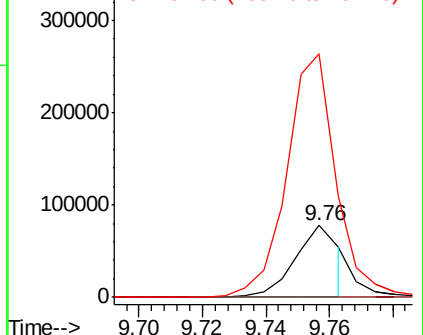
164 338.0 8.4 12.6#



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: 8.268 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF113201.D

Acq: 21 Mar 2019 11:39

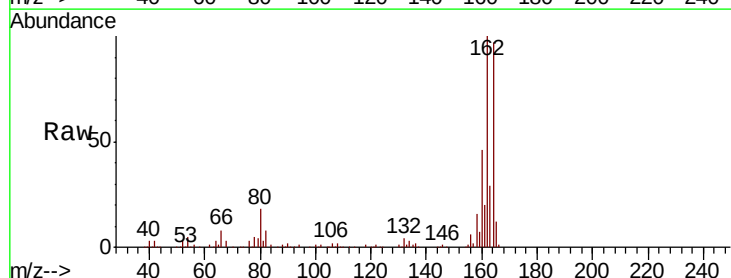
Tgt Ion:165 Resp: 36988

Ion Ratio Lower Upper

165 100

63 1.1 54.1 81.1#

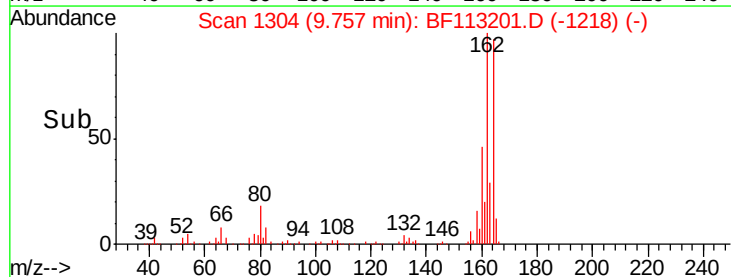
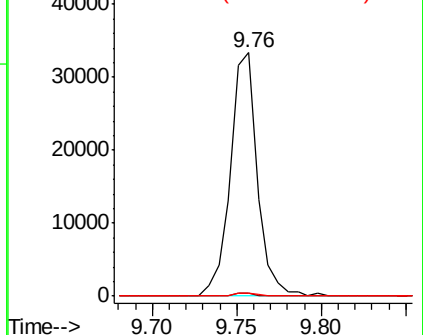
89 1.4 52.8 79.2#

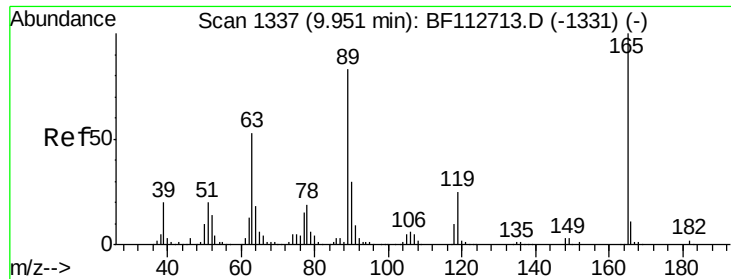


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

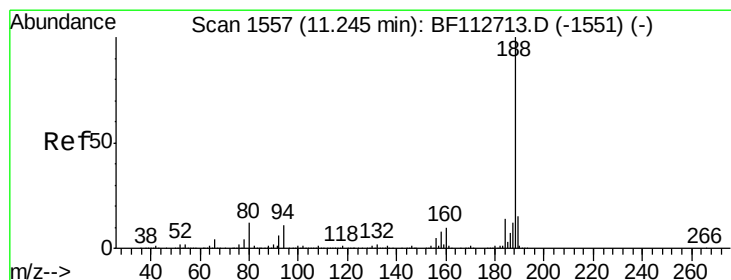
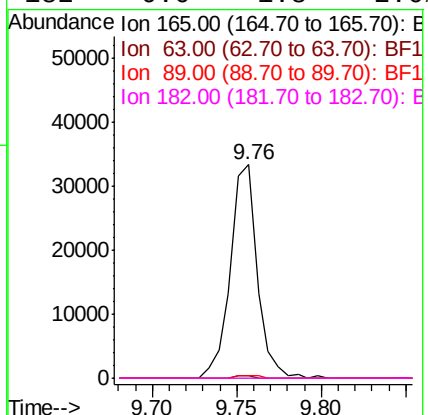
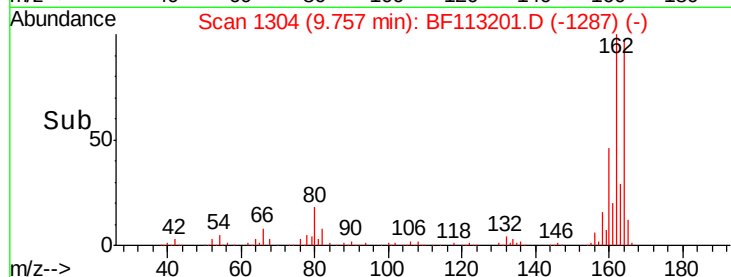
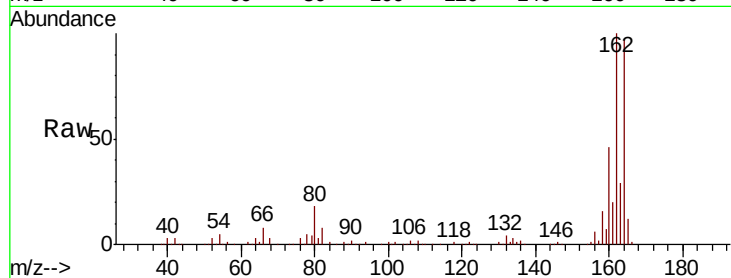




#57
 2,4-Dinitrotoluene
 Concen: 6.651 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

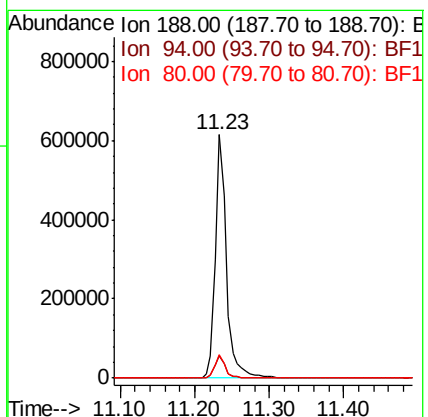
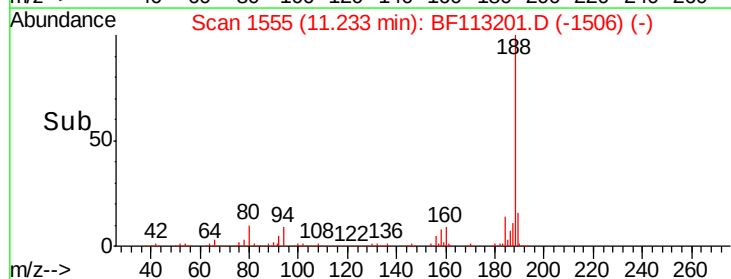
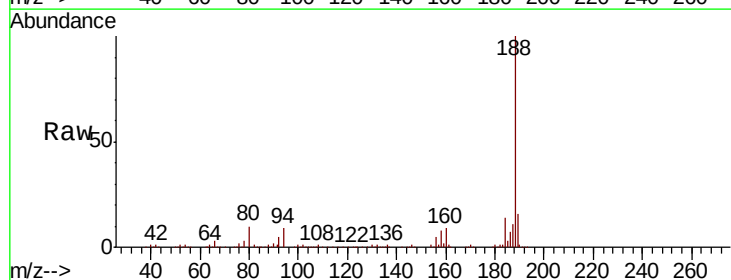
Instrument :
 BNA_F
 ClientSampleId :
 PB118085BL

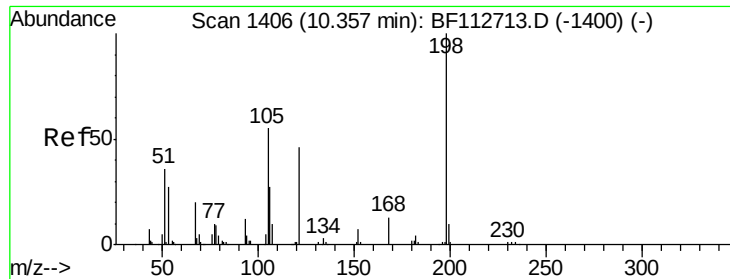
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.6	9.2	13.8

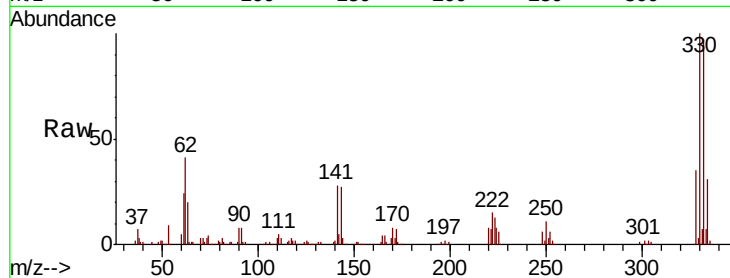




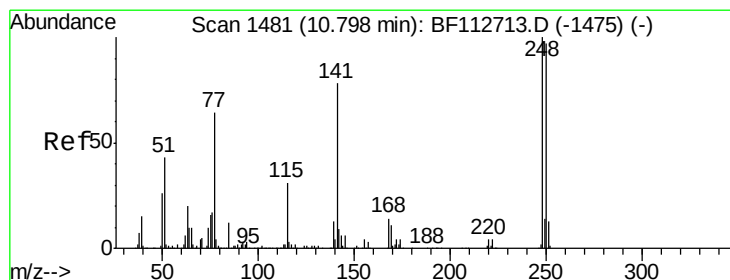
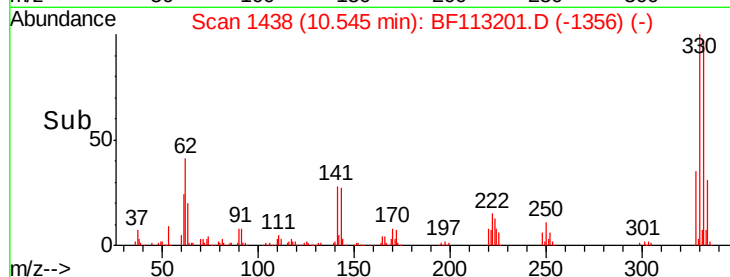
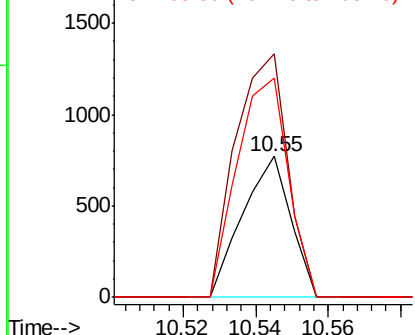
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.861 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BL

Tgt Ion:198 Resp: 715
 Ion Ratio Lower Upper
 198 100
 51 172.8 43.8 83.8#
 105 155.8 36.5 76.5#

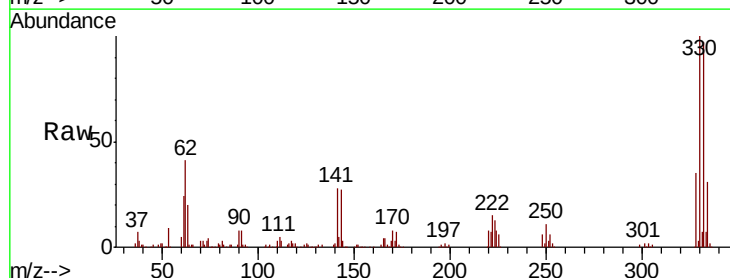


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

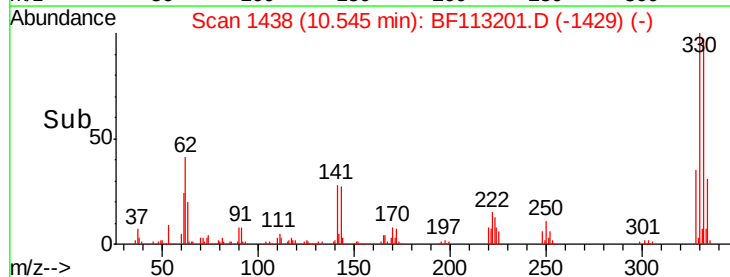
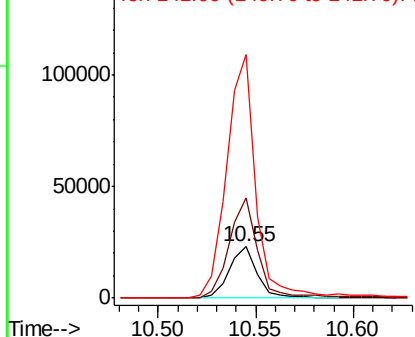


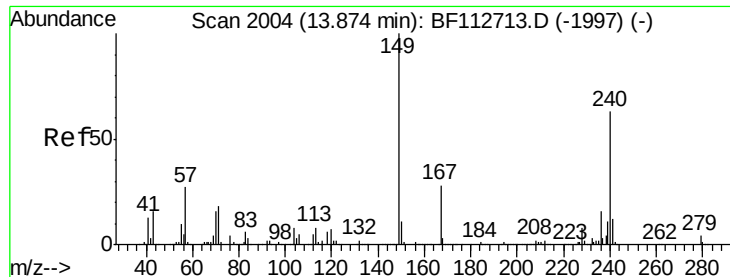
#67
 4-Bromophenyl-phenylether
 Concen: 3.405 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Tgt Ion:248 Resp: 22714
 Ion Ratio Lower Upper
 248 100
 250 194.5 77.5 116.3#
 141 475.4 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

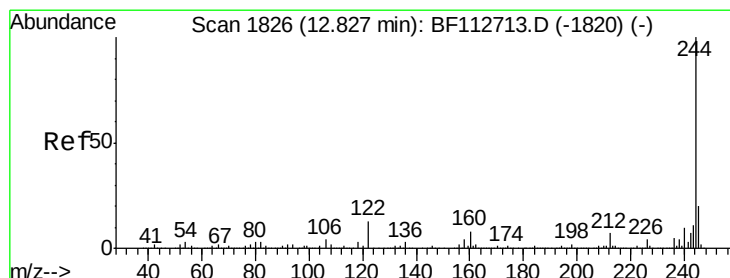
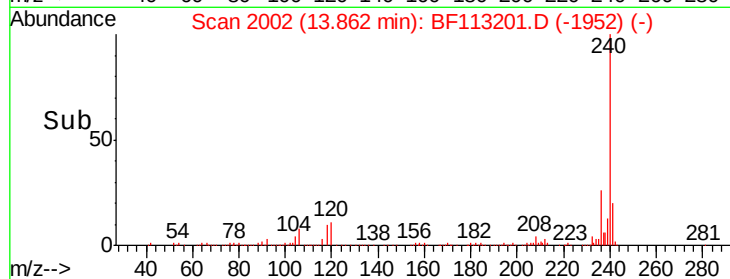
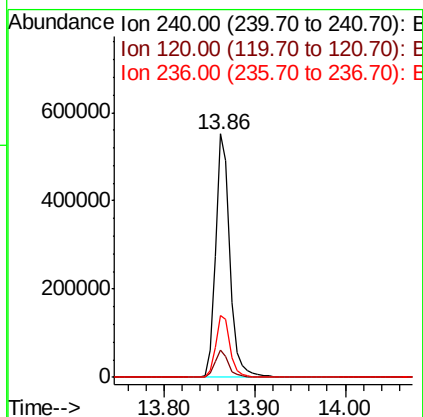
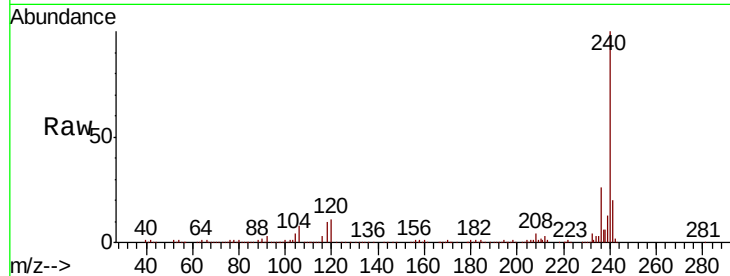




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

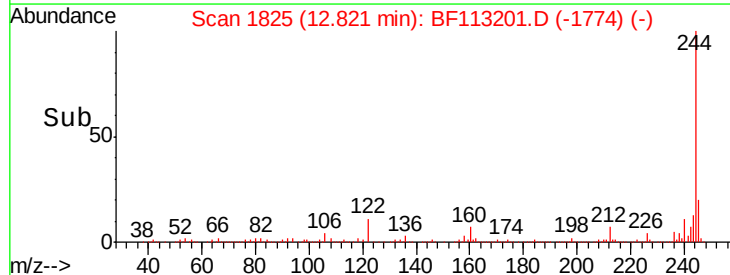
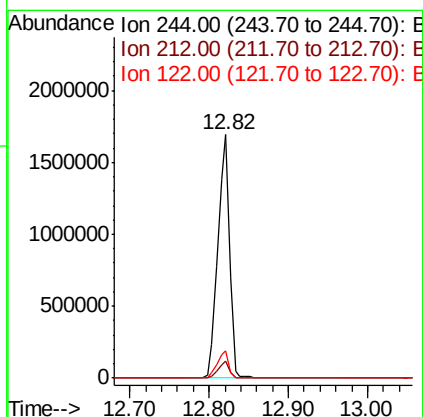
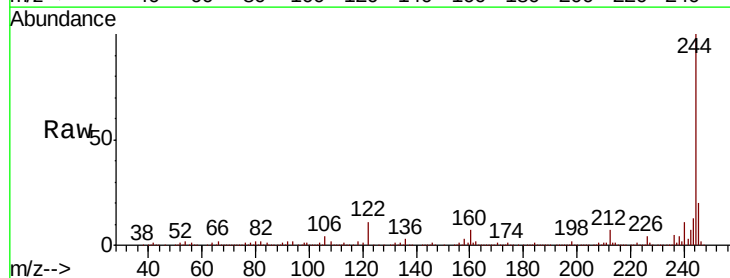
Instrument :
BNA_F
ClientSampleId :
PB118085BL

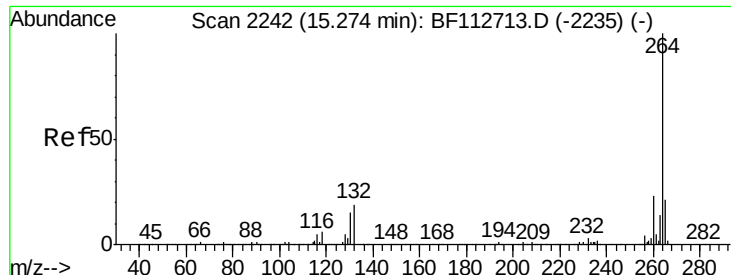
Tgt Ion:240 Resp: 596003
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 56.489 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

Tgt Ion:244 Resp: 1736797
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 11.1 10.5 15.7

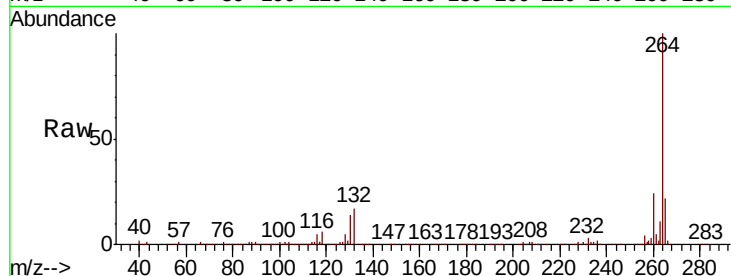




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

Instrument :
BNA_F
ClientSampleId :
PB118085BL

Tgt Ion:	264	Resp:	552704
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

