

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113002.D
 Acq On : 12 Mar 2019 14:55
 Operator : JU/SJ
 Sample : K1817-15RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Quant Time: Mar 13 03:56:25 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

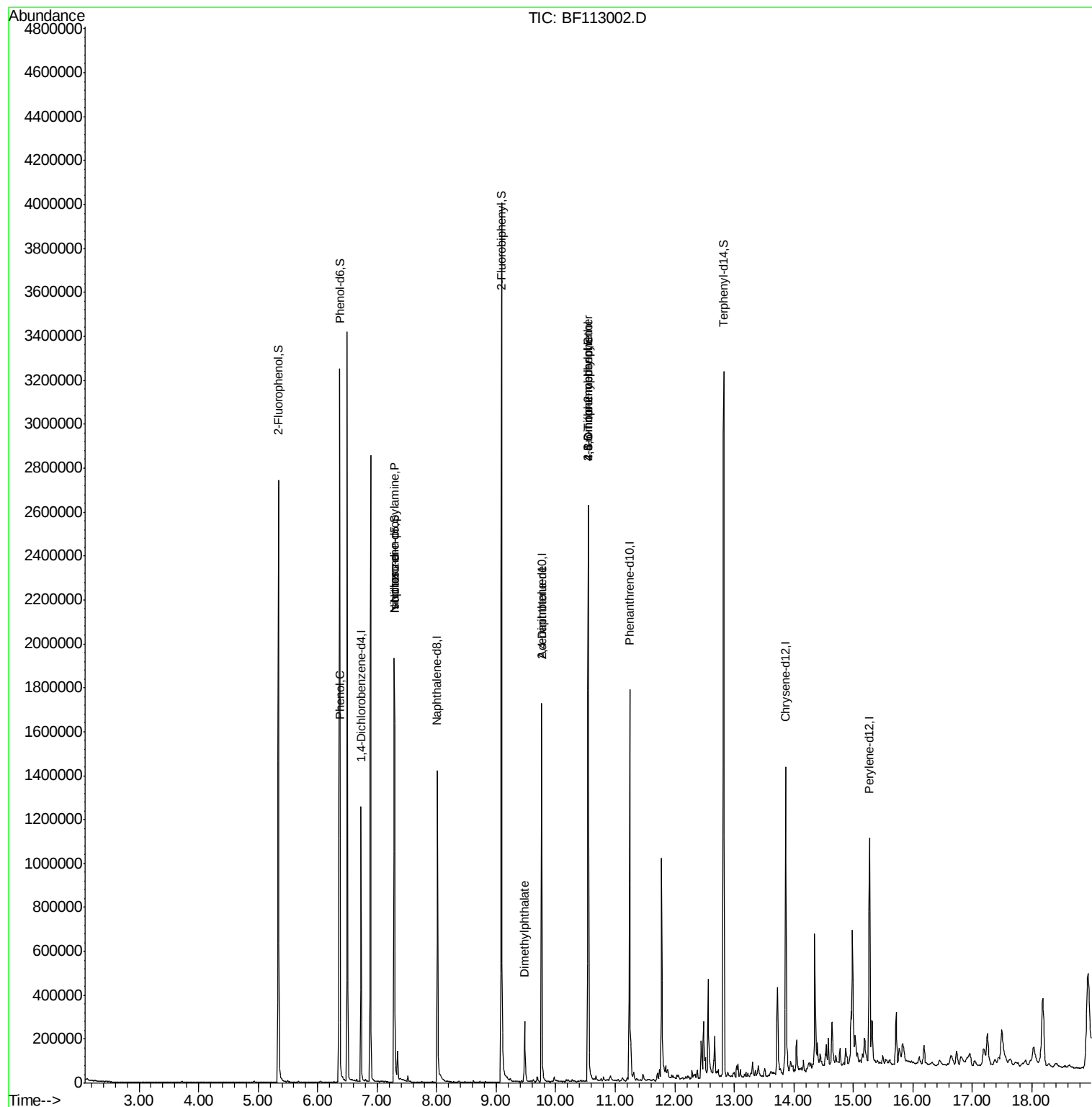
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190602	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	741877	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	361826	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	716867	20.00	ng	0.00
76) Chrysene-d12	13.86	240	488514	20.00	ng	0.00
87) Perylene-d12	15.27	264	514920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	865450	70.63	ng	0.00
7) Phenol-d6	6.37	99	1129762	73.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	687057	55.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	362412	94.35	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1353282	56.76	ng	0.00
79) Terphenyl-d14	12.82	244	1242325	49.30	ng	0.00
Target Compounds						
10) Phenol	6.38	94	39980	2.226	ng	89
19) n-Nitroso-di-n-propylamine	7.29	70	87728	8.999	ng	# 75
25) Isophorone	7.29	82	684706	25.635	ng	# 66
50) Dimethylphthalate	9.48	163	128607	4.820	ng	98
57) 2,4-Dinitrotoluene	9.76	165	46669	6.758	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	691	4.825	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	20116	2.664	ng	# 1

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

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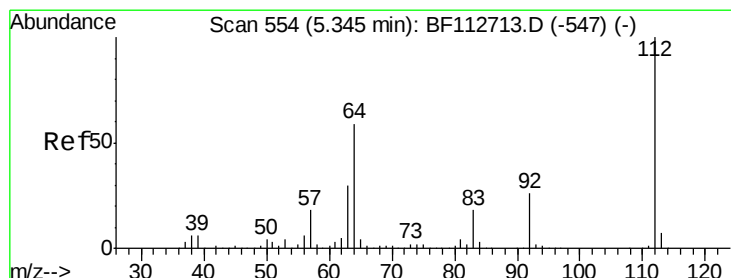
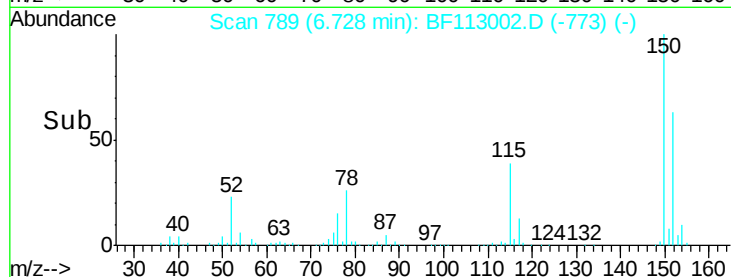
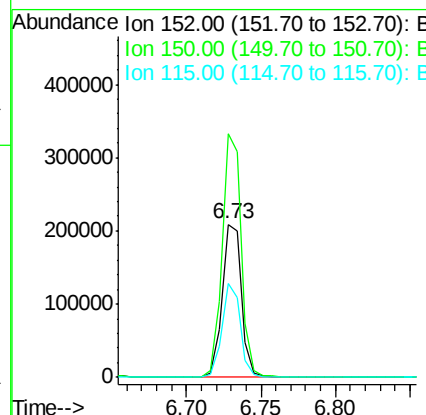
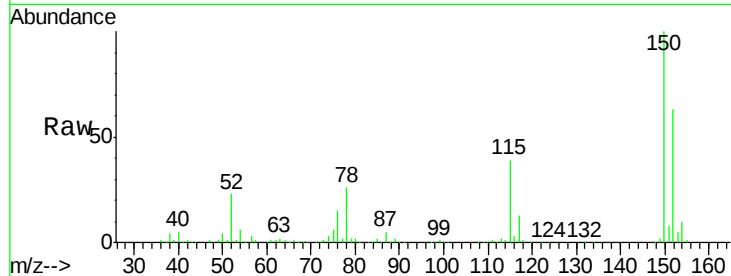




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

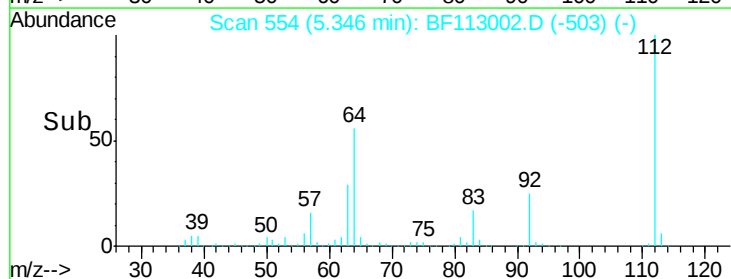
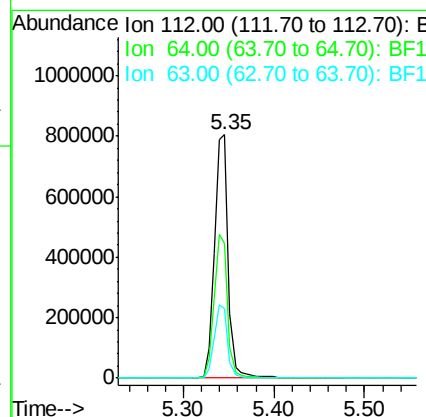
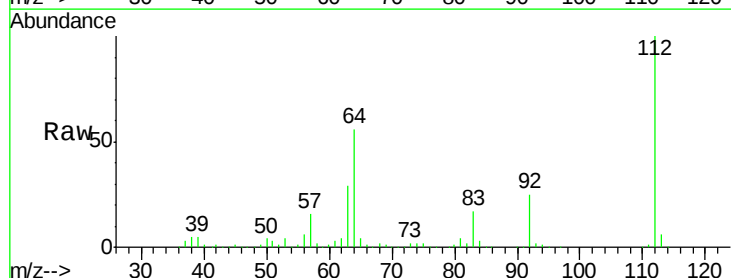
Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

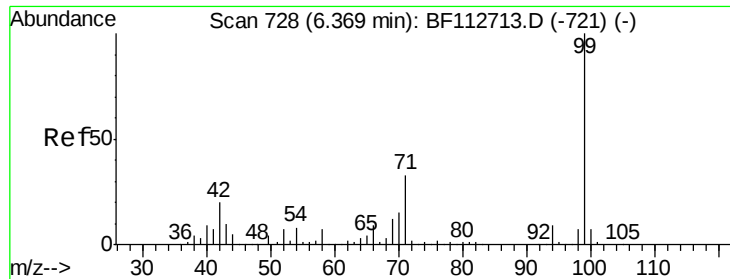
Tgt Ion:152 Resp: 190602
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.2 186.2
 115 61.5 48.2 72.4



#5
 2-Fluorophenol
 Concen: 70.631 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Tgt Ion:112 Resp: 865450
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.6 71.4
 63 28.6 24.4 36.6





#7

Phenol-d6

Concen: 73.400 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

Instrument :

BNA_F

ClientSampleId :

PST-027-B111-030619

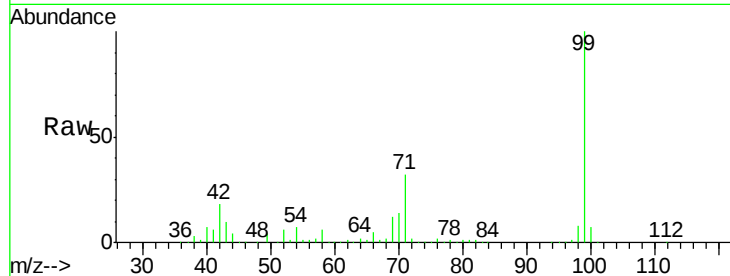
Tgt Ion: 99 Resp: 1129762

Ion Ratio Lower Upper

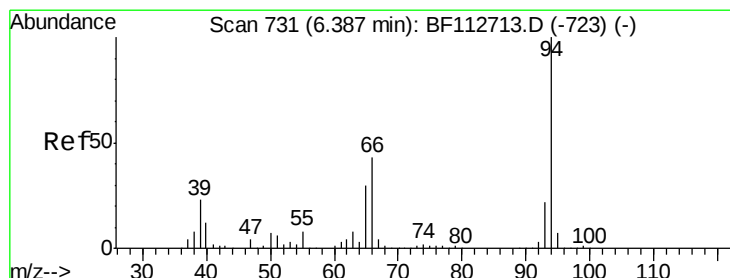
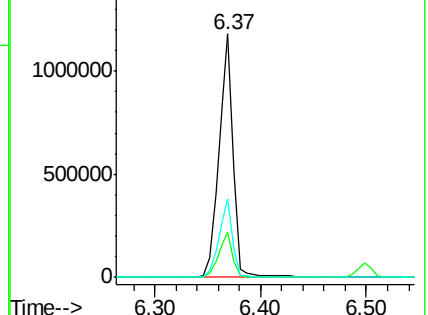
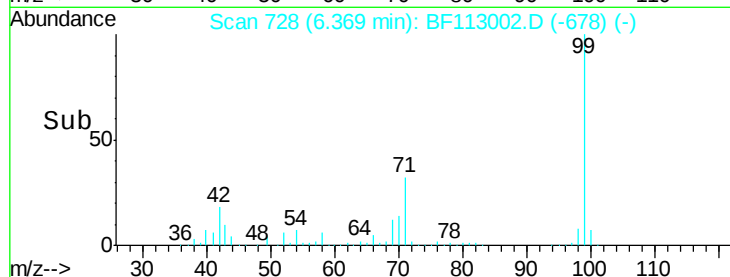
99 100

42 18.4 16.3 24.5

71 32.0 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: 2.226 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

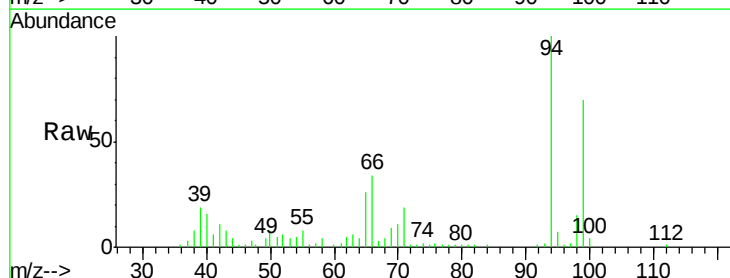
Tgt Ion: 94 Resp: 39980

Ion Ratio Lower Upper

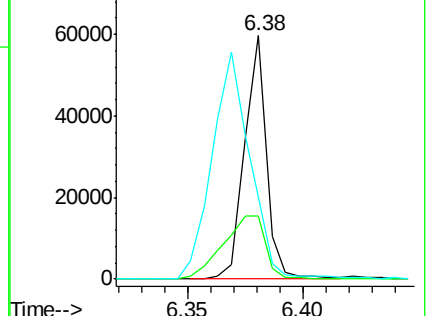
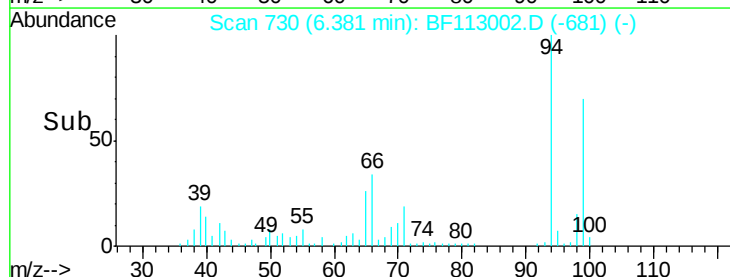
94 100

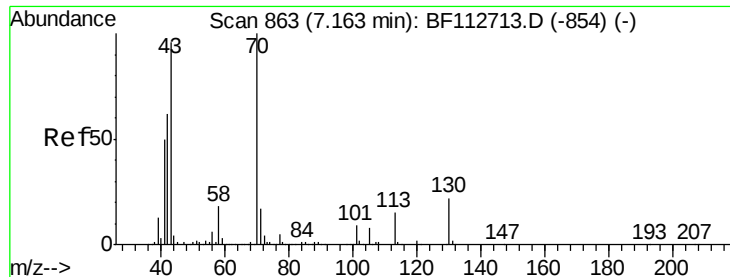
65 26.1 10.5 50.5

66 33.9 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

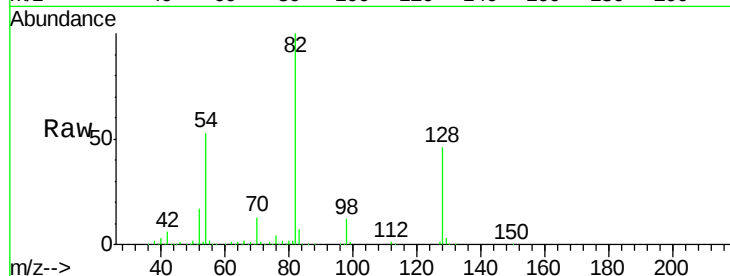




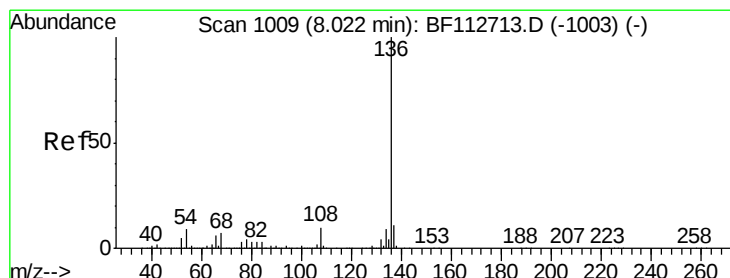
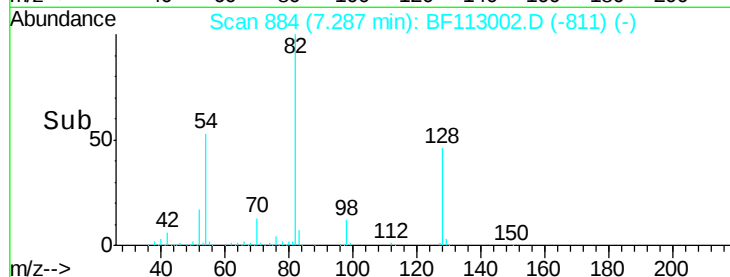
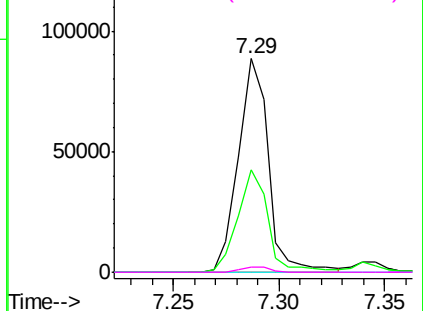
#19
n-Nitroso-di-n-propylamine
Concen: 8.999 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tgt Ion: 70 Resp: 87728
Ion Ratio Lower Upper
70 100
42 48.0 49.9 74.9#
101 0.0 7.4 11.2#
130 2.1 17.4 26.2#

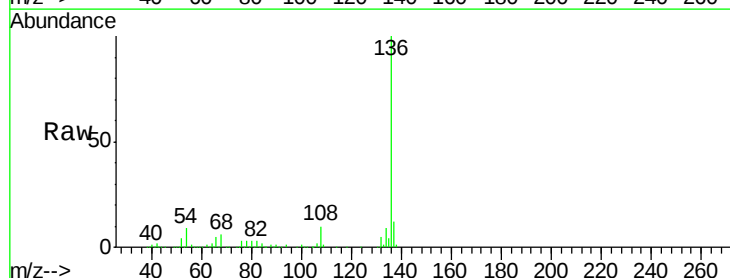


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

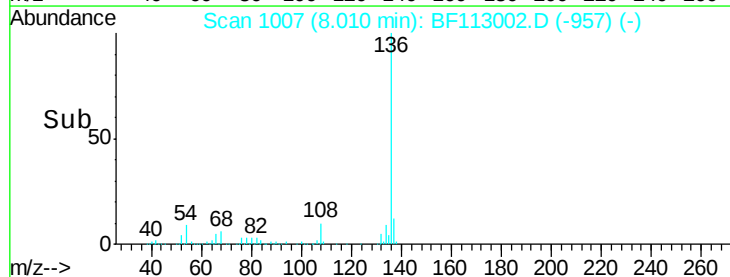
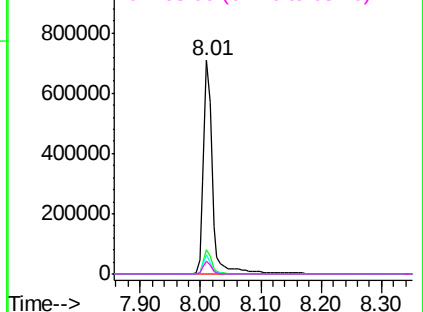


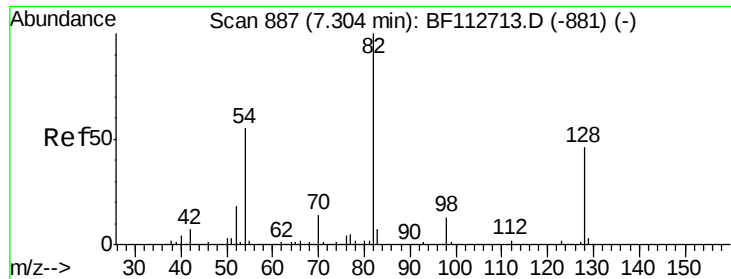
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Tgt Ion: 136 Resp: 741877
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.7 7.3 10.9
68 6.3 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

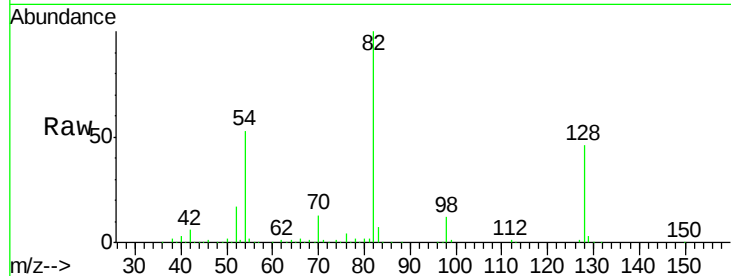




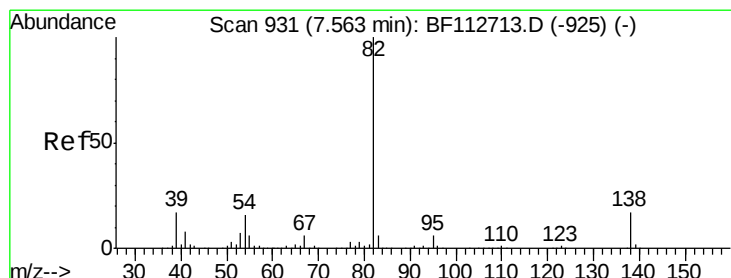
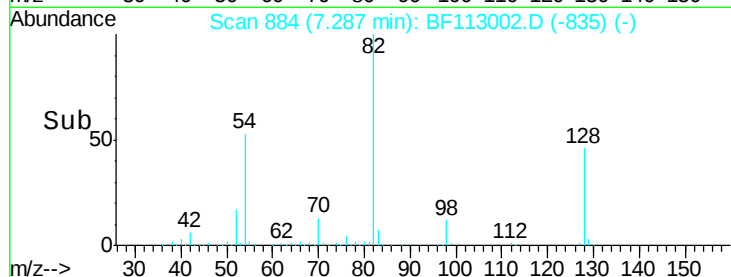
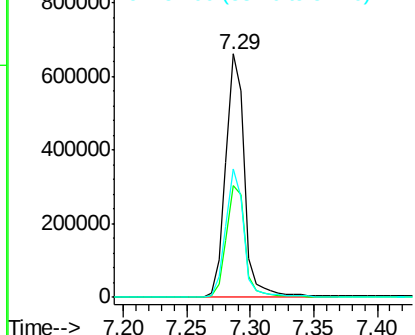
#23
 Nitrobenzene-d5
 Concen: 55.416 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	52.9	43.7	65.5

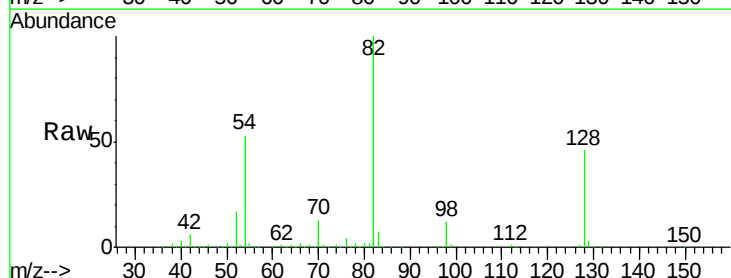


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

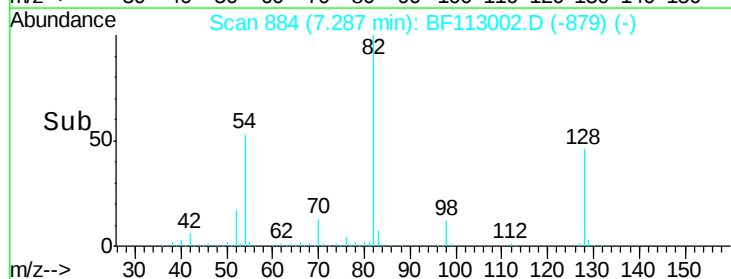
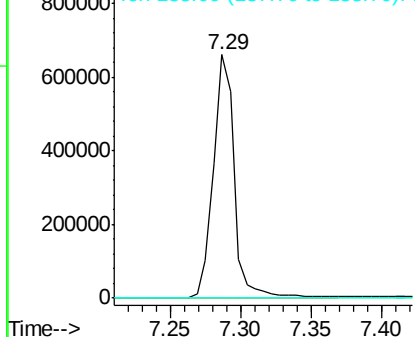


#25
 Isophorone
 Concen: 25.635 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.27 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Tgt 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

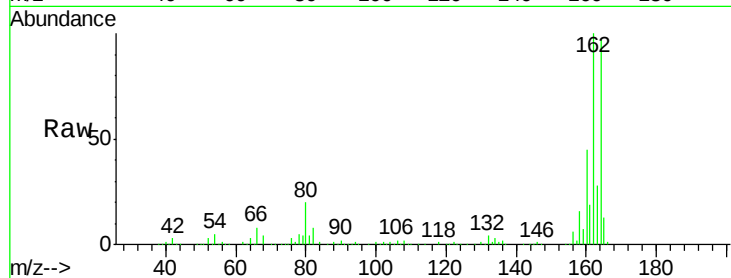




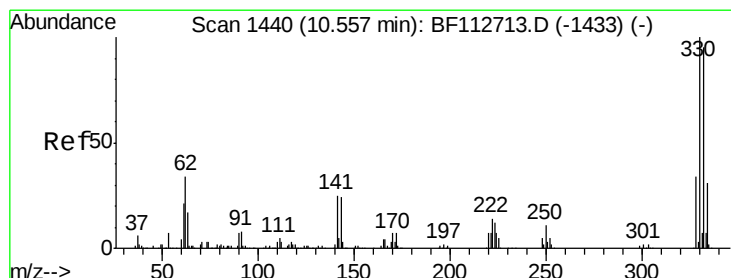
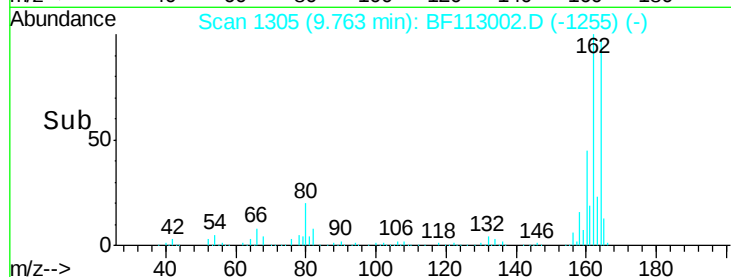
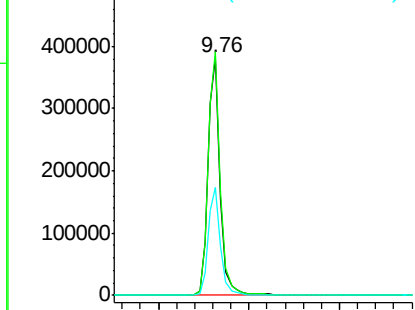
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Tgt Ion:164 Resp: 361826
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.6 120.8
 160 45.7 36.0 54.0

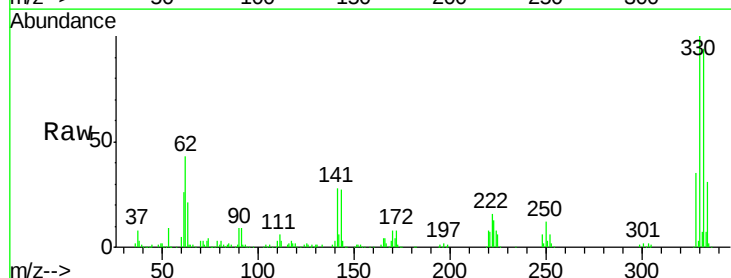


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

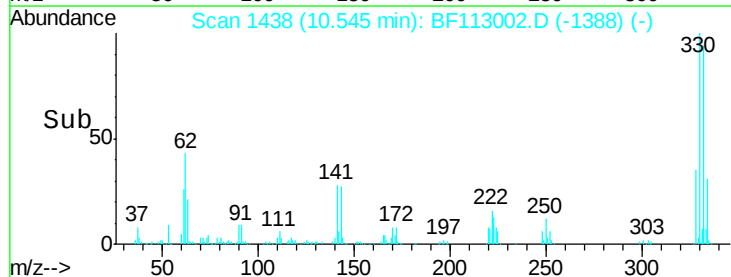
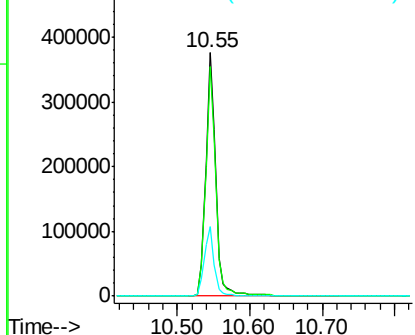


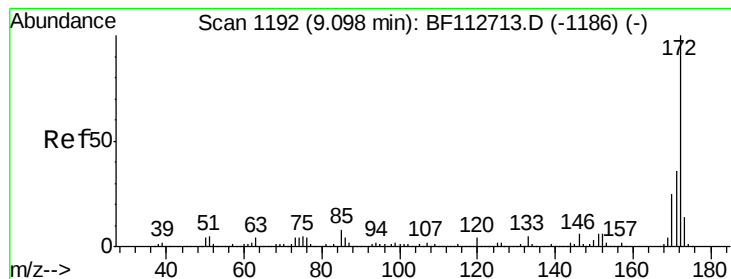
#42
 2,4,6-Tribromophenol
 Concen: 94.348 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Tgt Ion:330 Resp: 362412
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 28.7 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: 56.760 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

Instrument :

BNA_F

ClientSampleId :

PST-027-B111-030619

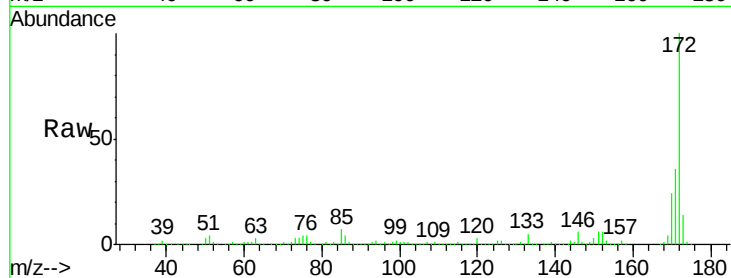
Tgt Ion:172 Resp: 1353282

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

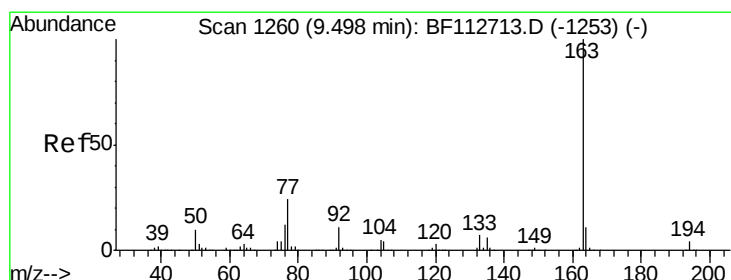
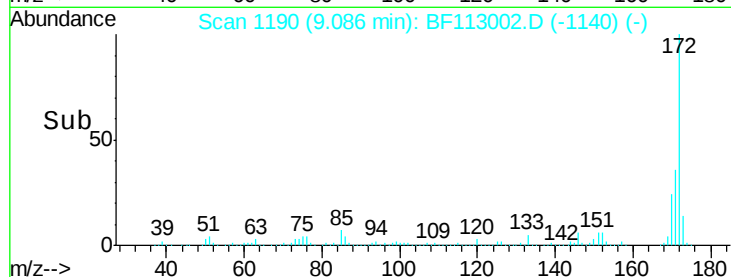
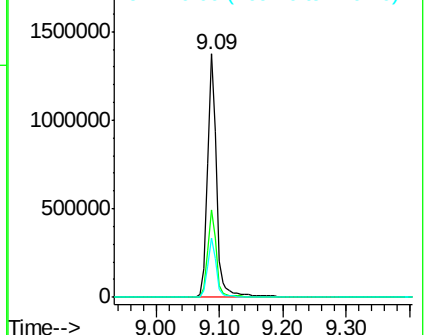
170 24.4 20.0 30.0



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: 4.820 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113002.D

Acq: 12 Mar 2019 14:55

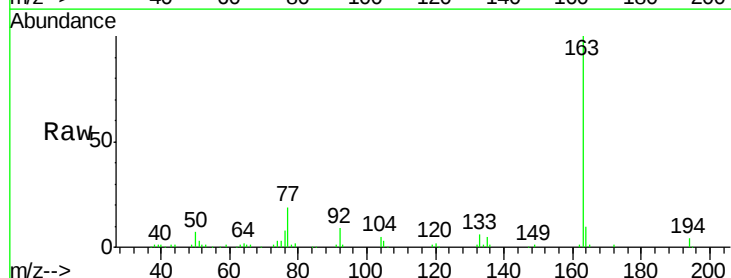
Tgt Ion:163 Resp: 128607

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

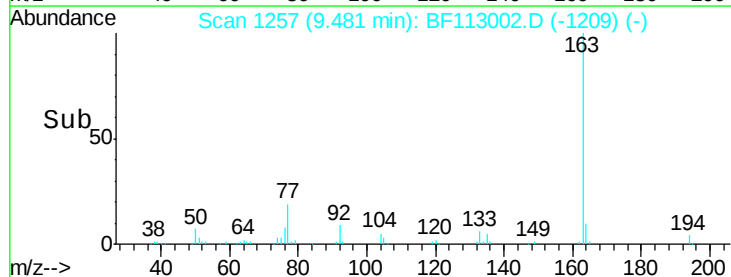
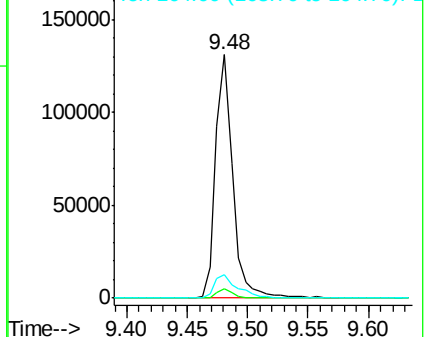
164 9.7 8.4 12.6



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

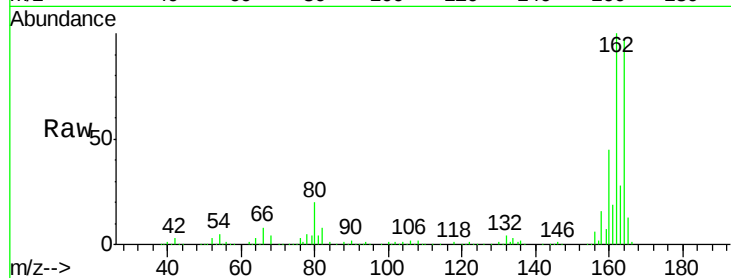




#57
2,4-Dinitrotoluene
Concen: 6.758 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tgt Ion:	165	Resp:	46669
Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#

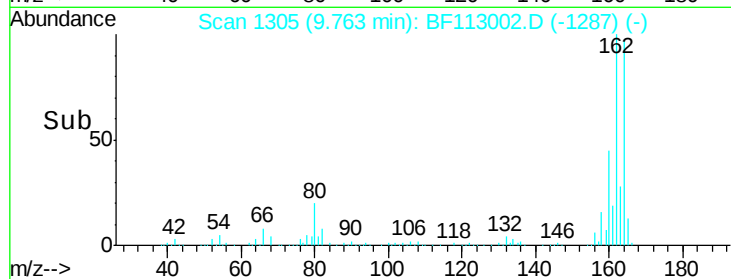
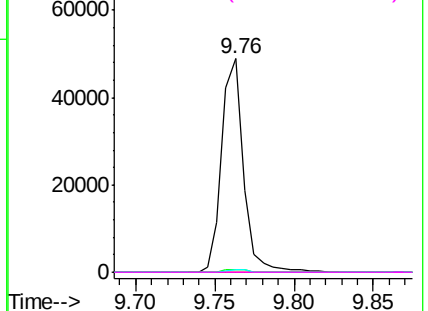


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

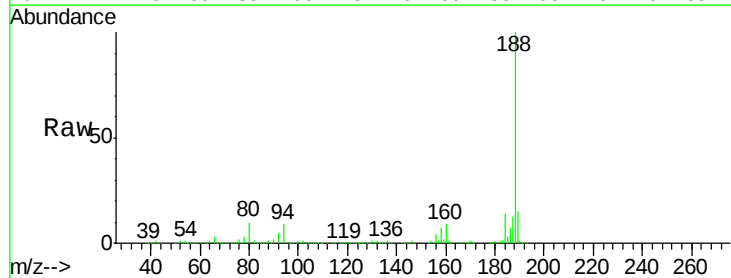
Ion 89.00 (88.70 to 89.70): BF1

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: BF113002.D
Acq: 12 Mar 2019 14:55

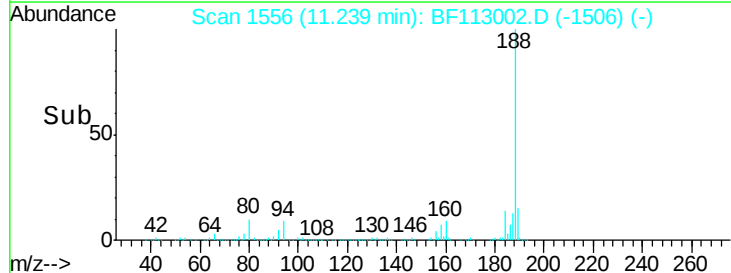
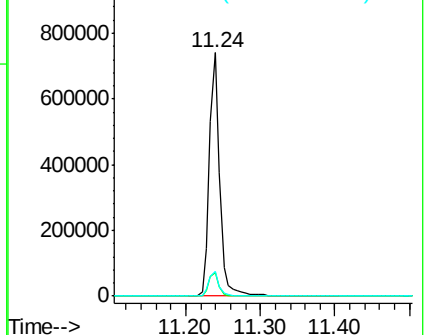
Tgt Ion:	188	Resp:	716867
Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	10.1	9.2	13.8



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

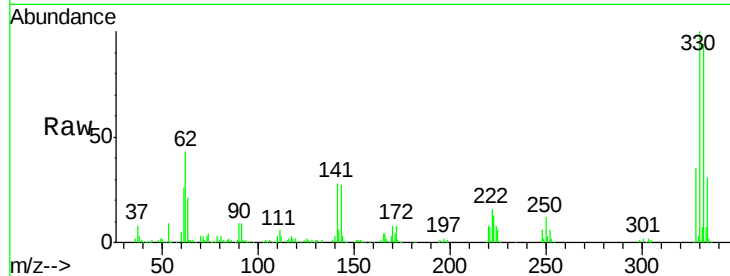




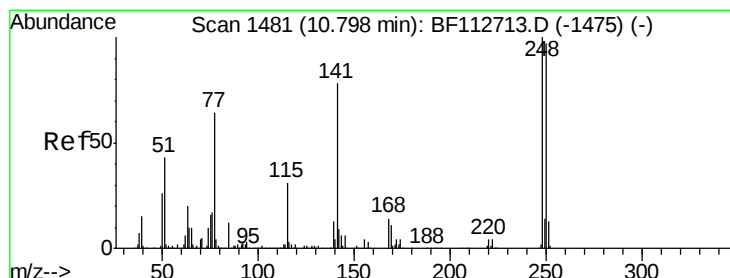
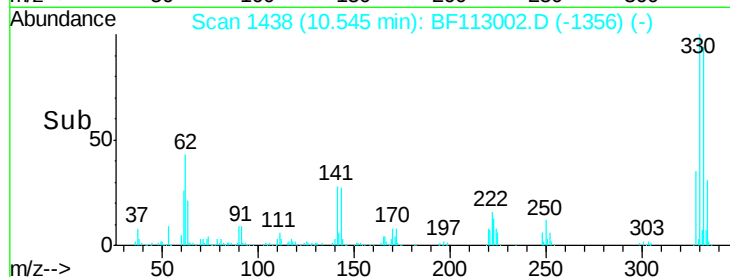
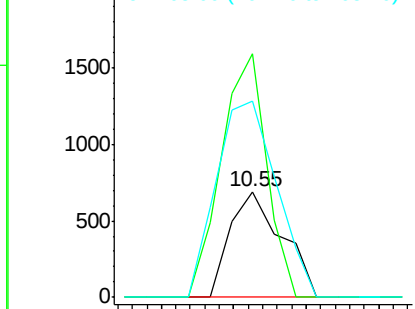
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.825 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Tgt Ion:198 Resp: 691
 Ion Ratio Lower Upper
 198 100
 51 230.1 43.8 83.8#
 105 185.5 36.5 76.5#

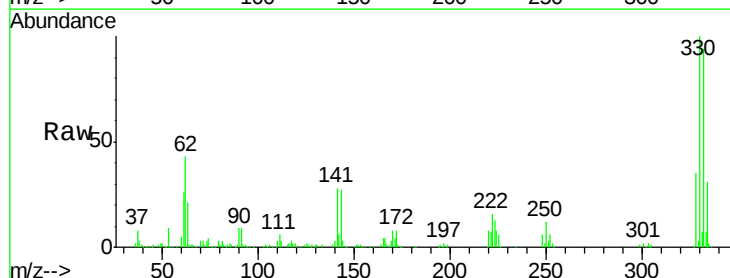


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

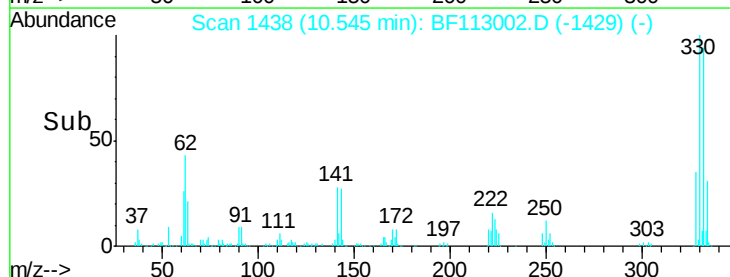
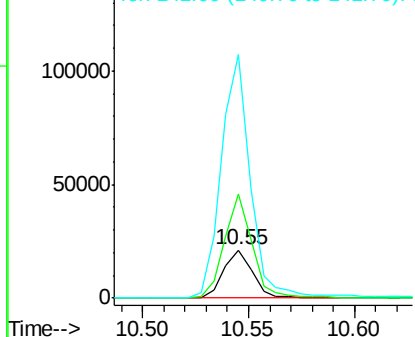


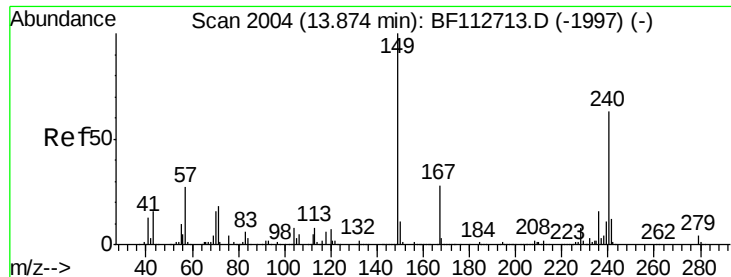
#67
 4-Bromophenyl-phenylether
 Concen: 2.664 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113002.D
 Acq: 12 Mar 2019 14:55

Tgt Ion:248 Resp: 20116
 Ion Ratio Lower Upper
 248 100
 250 215.1 77.5 116.3#
 141 504.9 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

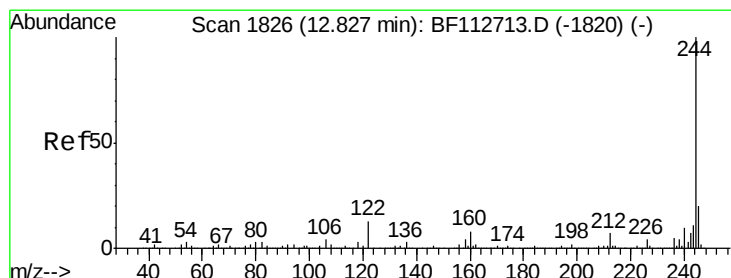
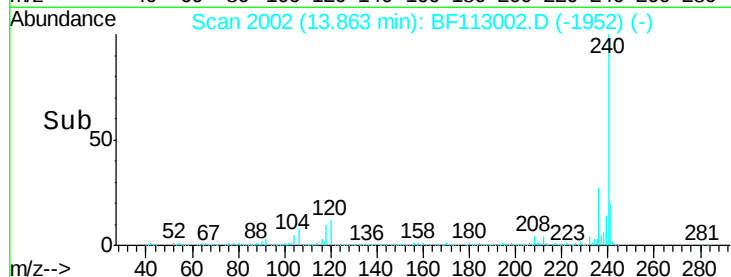
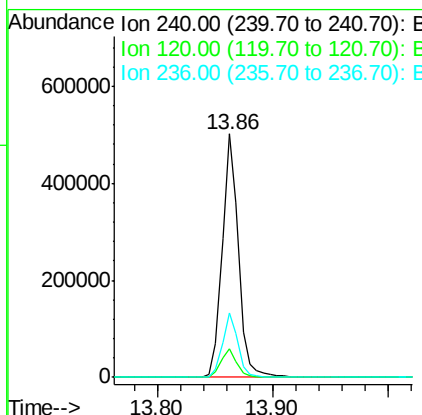
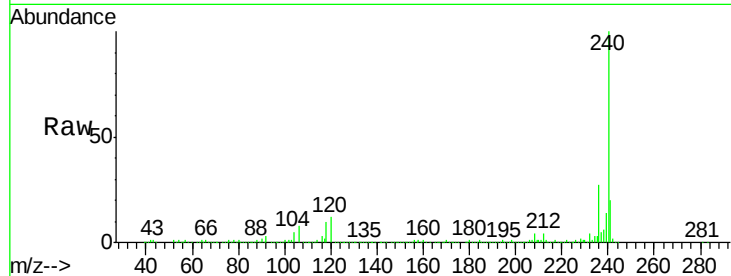




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

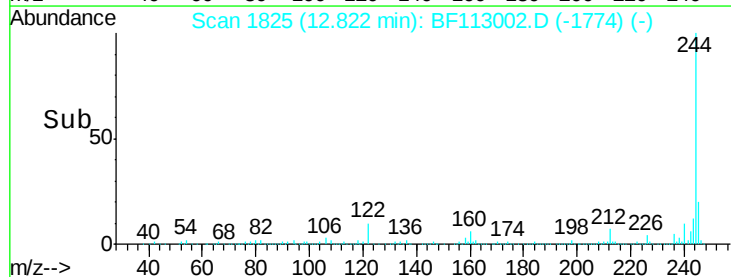
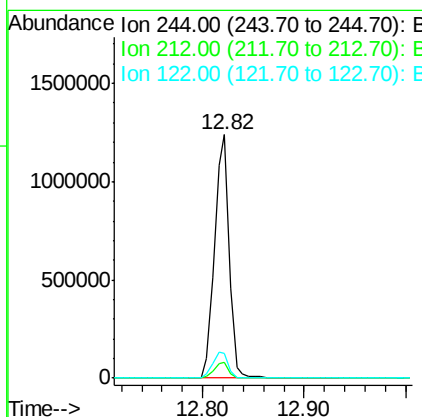
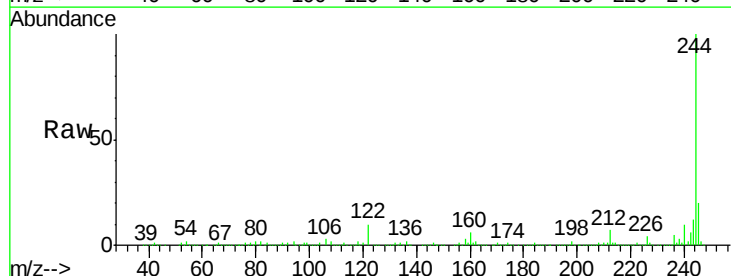
Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

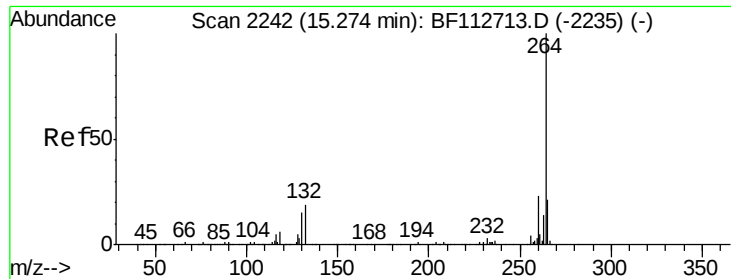
Tgt Ion:240 Resp: 488514
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.6 20.7 31.1



#79
Terphenyl-d14
Concen: 49.297 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF113002.D
Acq: 12 Mar 2019 14:55

Tgt Ion:244 Resp: 1242325
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.4 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: BF113002.D
Acq: 12 Mar 2019 14:55

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tgt Ion: 264 Resp: 514920
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.6 17.2 25.8

