

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112925.D
 Acq On : 7 Mar 2019 17:02
 Operator : JU/SJ
 Sample : K1760-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-12

Quant Time: Mar 08 00:20:17 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

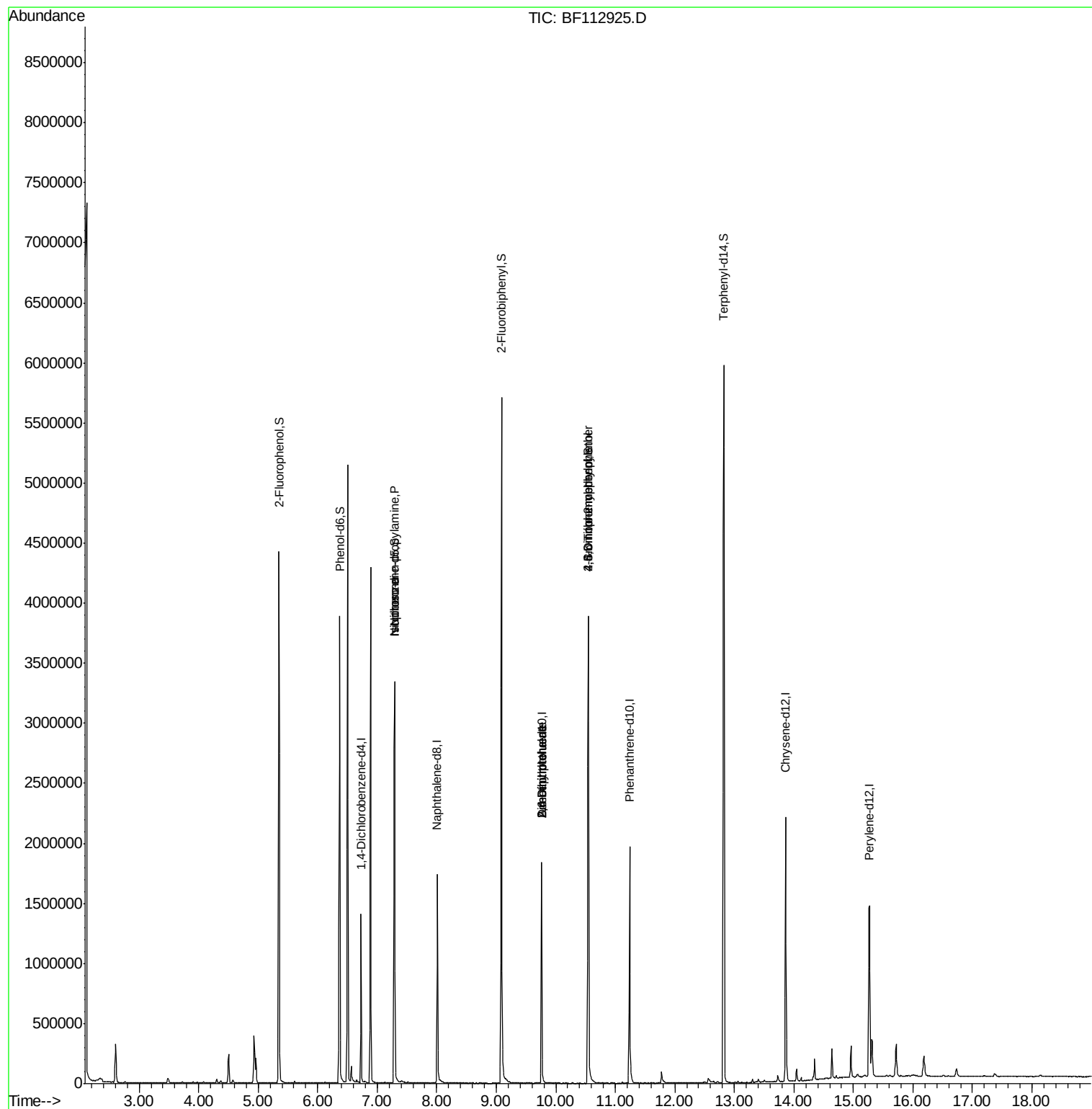
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218950	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	850728	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	416367	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	885971	20.00	ng	0.00
76) Chrysene-d12	13.86	240	860766	20.00	ng	-0.01
87) Perylene-d12	15.27	264	793038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1338051	95.06	ng	0.00
7) Phenol-d6	6.37	99	1604714	90.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	1165908	82.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	620819	140.45	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	2124388	84.37	ng	-0.01
79) Terphenyl-d14	12.82	244	2567538	57.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	153241	13.685	ng	# 76
25) Isophorone	7.29	82	1158489	37.824	ng	# 66
50) Dimethylphthalate	9.76	163	108596	3.537	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	52848	8.266	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	52849	6.650	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	916	4.840	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	35371	3.790	ng	# 1

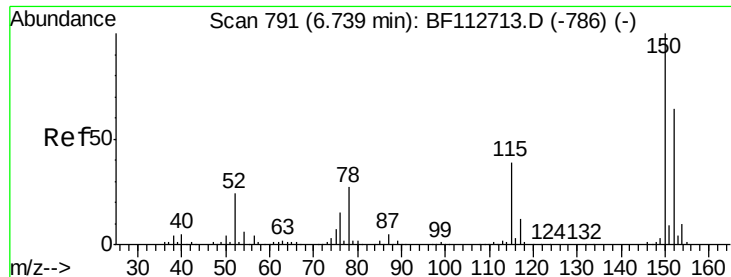
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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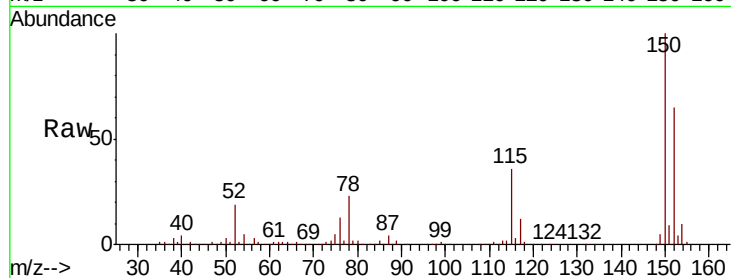


#1

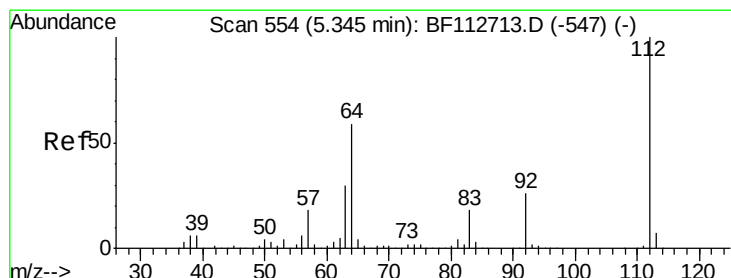
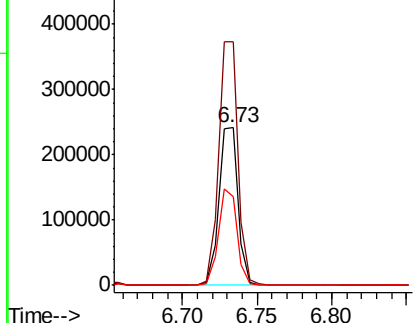
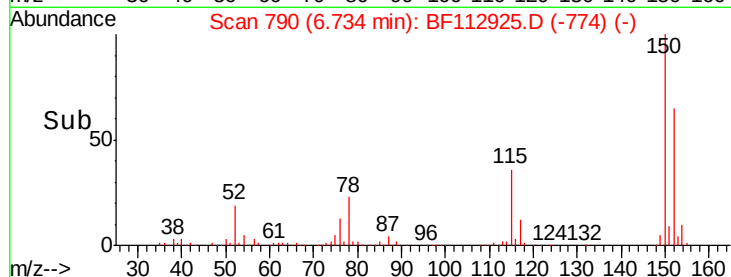
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF112925.D
 Acq: 7 Mar 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 Z2-12

Tgt Ion:152 Resp: 218950
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 56.4 48.2 72.4



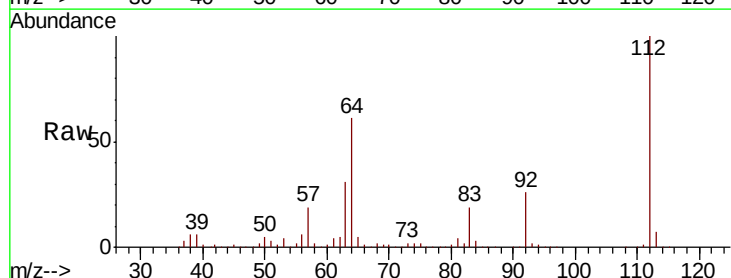
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



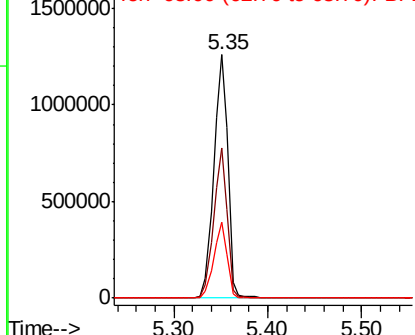
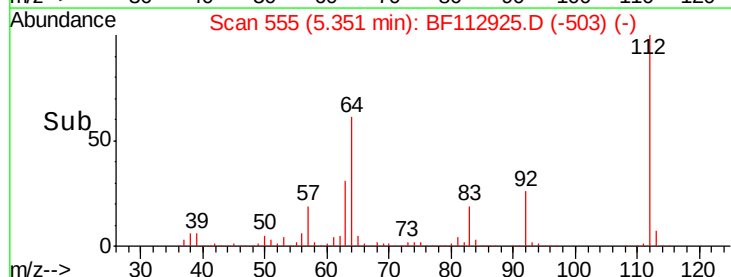
#5

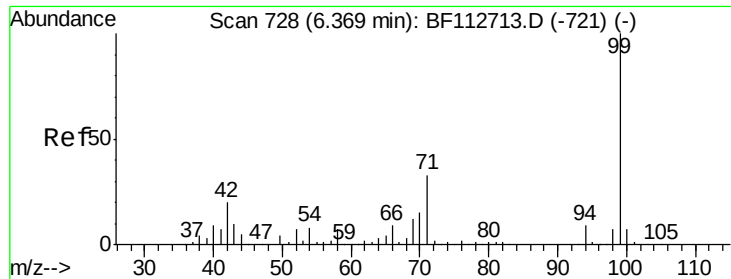
2-Fluorophenol
 Concen: 95.063 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112925.D
 Acq: 7 Mar 2019 17:02

Tgt Ion:112 Resp: 1338051
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.6 71.4
 63 31.3 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: 90.759 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

Instrument :

BNA_F

ClientSampleId :

Z2-12

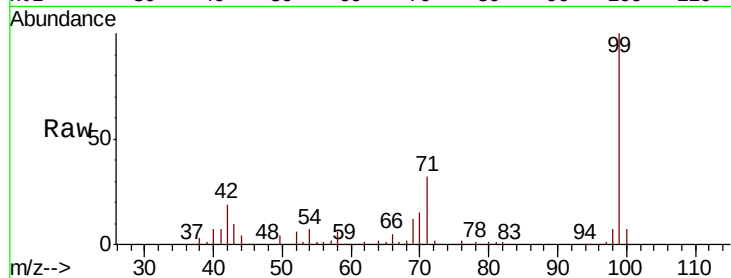
Tgt Ion: 99 Resp: 1604714

Ion Ratio Lower Upper

99 100

42 18.7 16.3 24.5

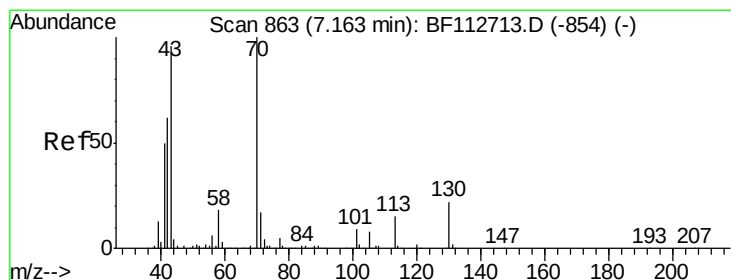
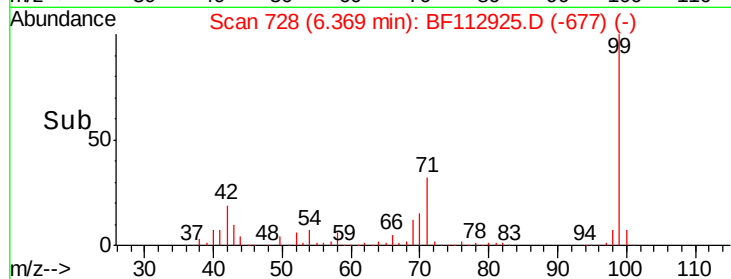
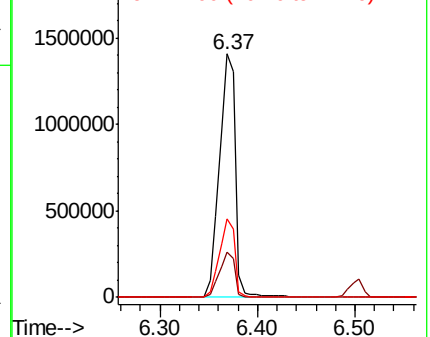
71 32.0 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.685 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

Tgt Ion: 70 Resp: 153241

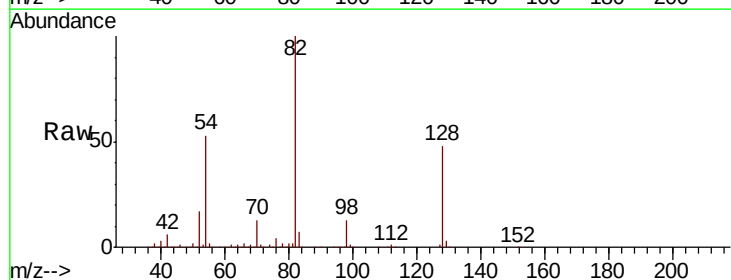
Ion Ratio Lower Upper

70 100

42 48.5 49.9 74.9#

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#

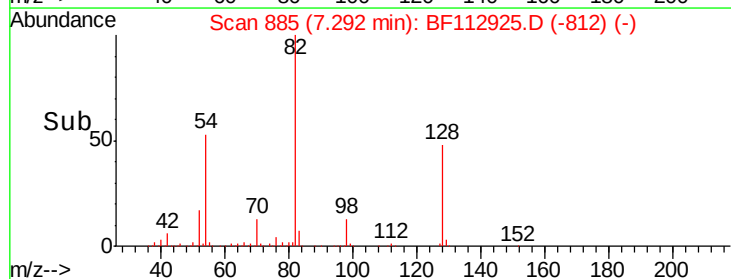
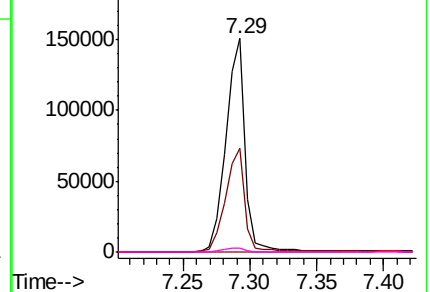


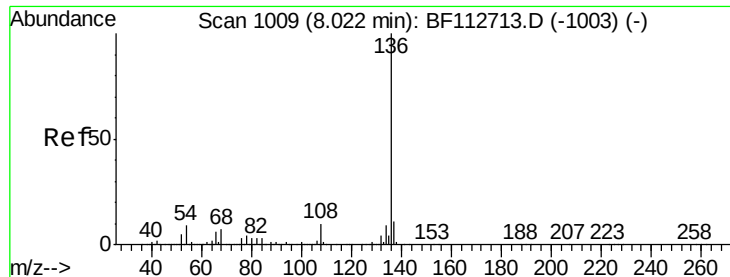
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

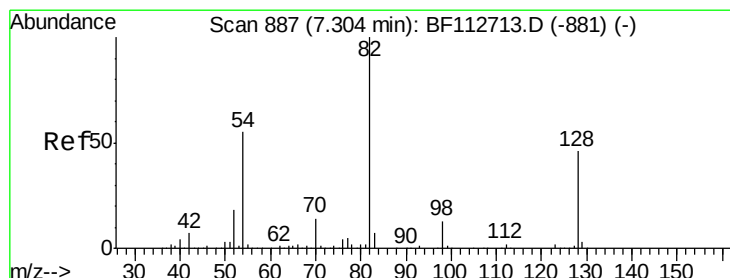
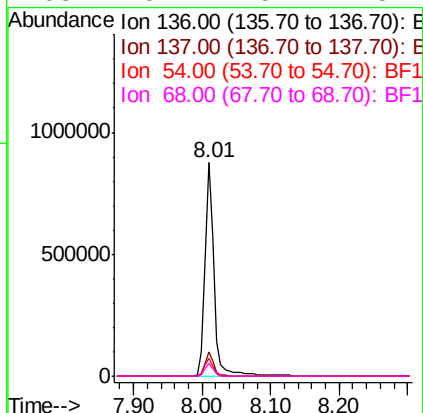
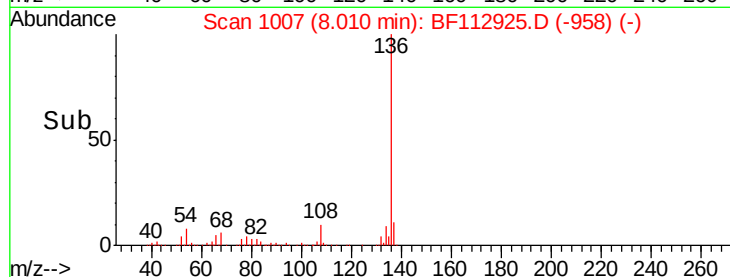
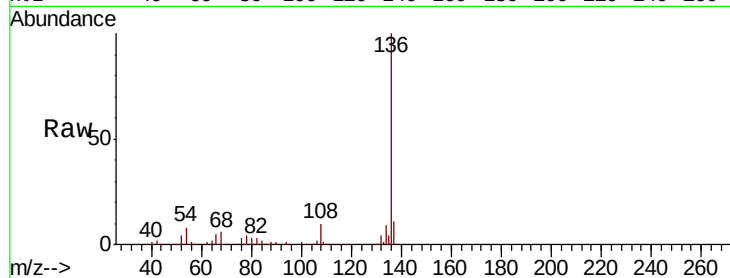




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

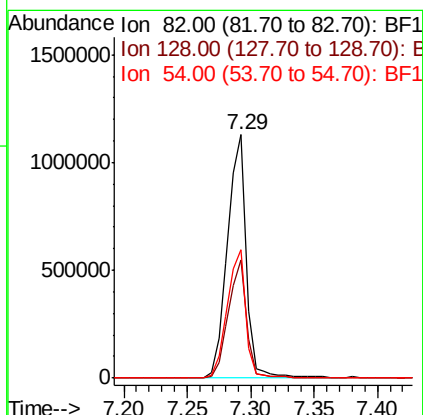
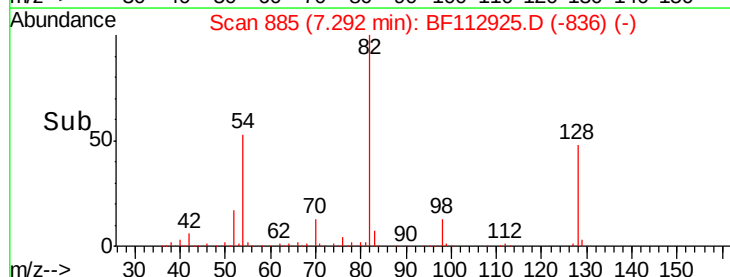
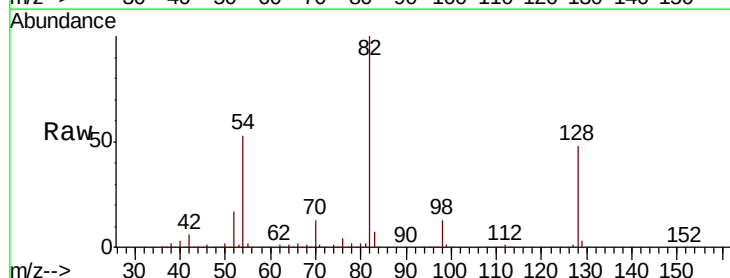
Instrument :
BNA_F
ClientSampleId :
Z2-12

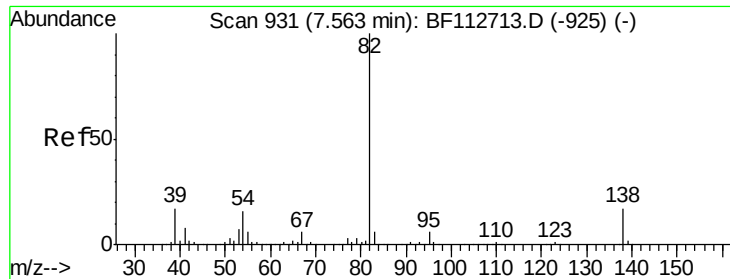
Tgt Ion:	136	Resp:	850728
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.1	7.3	10.9
68	6.2	5.4	8.2



#23
Nitrobenzene-d5
Concen: 82.007 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

Tgt Ion:	82	Resp:	1165908
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.3	54.5
54	52.8	43.7	65.5





#25

Isophorone

Concen: 37.824 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

Instrument :

BNA_F

ClientSampled :

Z2-12

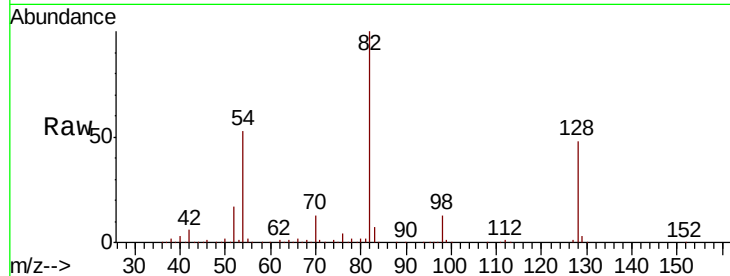
Tgt Ion: 82 Resp: 1158489

Ion Ratio Lower Upper

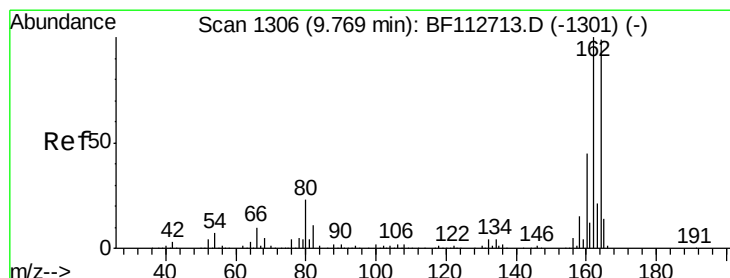
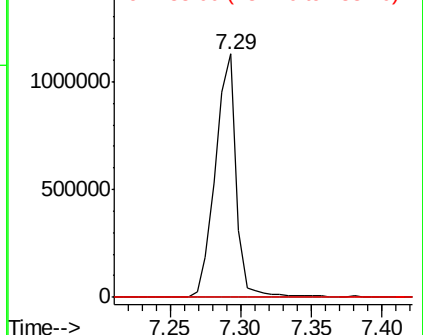
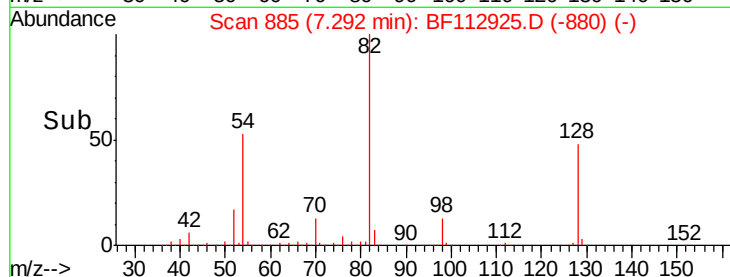
82 100

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: BF112925.D

Acq: 7 Mar 2019 17:02

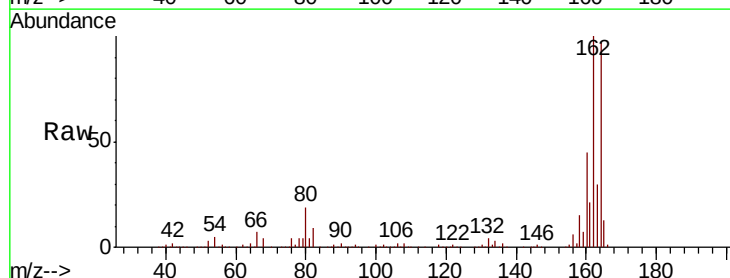
Tgt Ion: 164 Resp: 416367

Ion Ratio Lower Upper

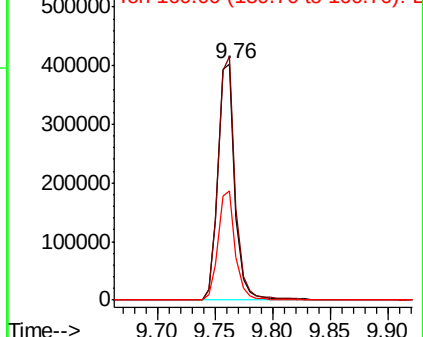
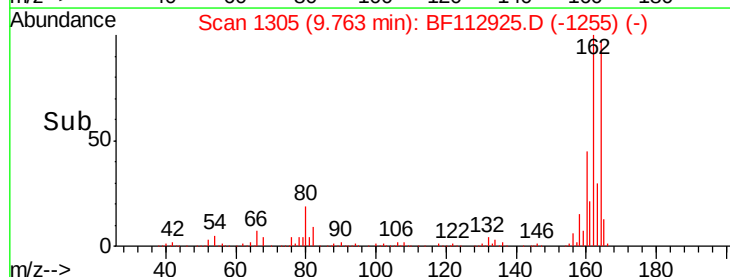
164 100

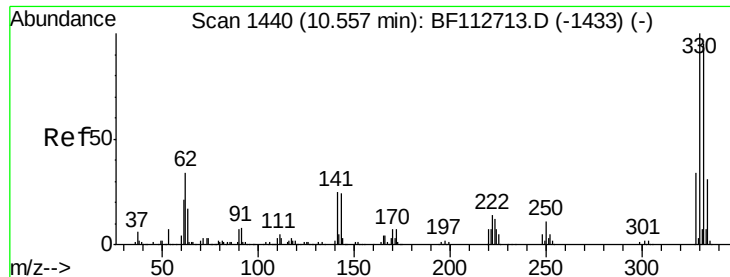
162 103.0 80.6 120.8

160 46.3 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: 140.449 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

Instrument :

BNA_F

ClientSampleId :

Z2-12

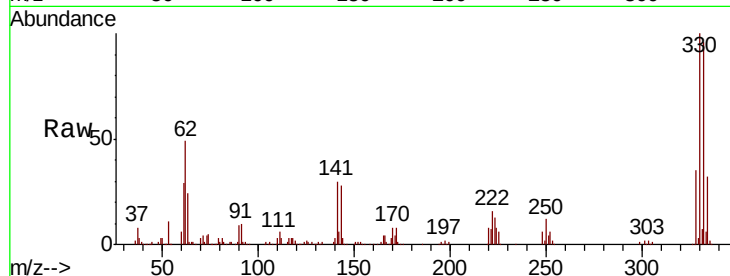
Tgt Ion:330 Resp: 620819

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

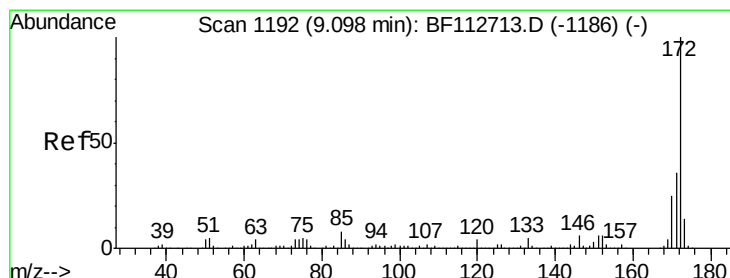
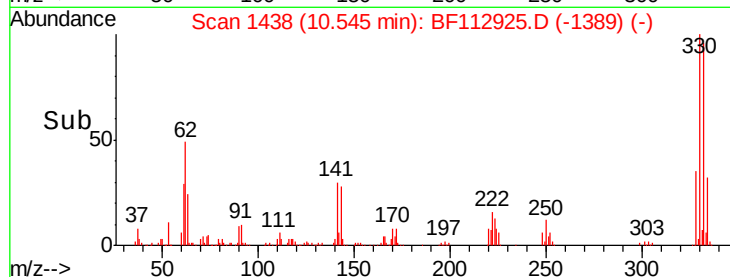
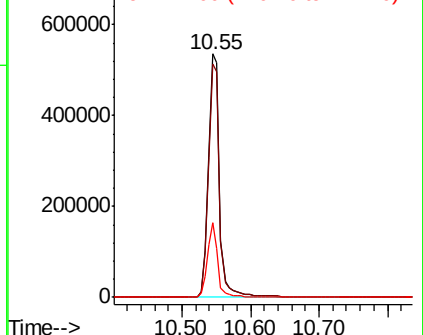
141 28.4 27.0 40.6



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: 84.369 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

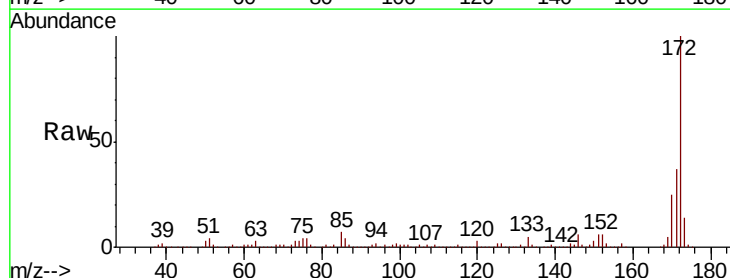
Tgt Ion:172 Resp: 2124388

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

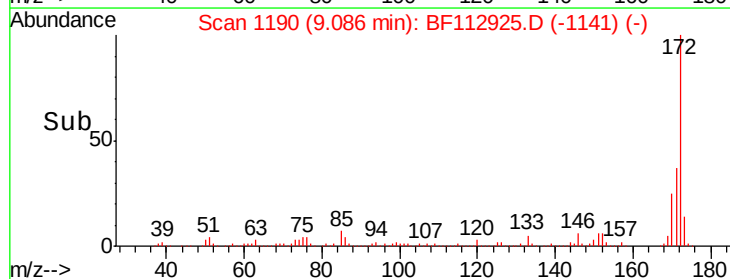
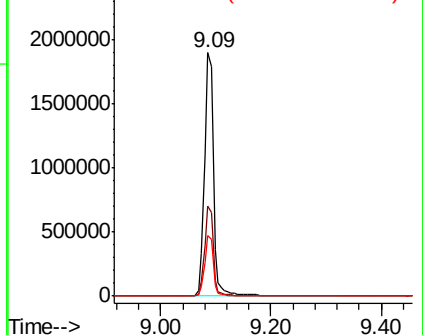
170 24.8 20.0 30.0

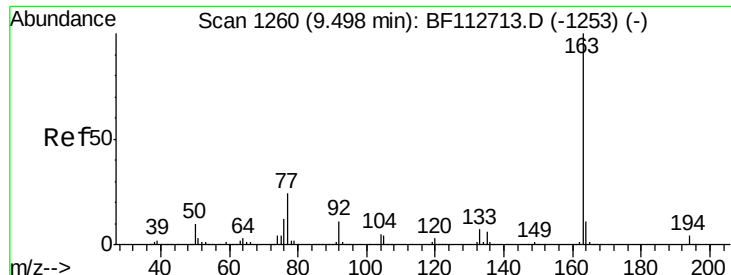


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.537 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

Instrument :

BNA_F

ClientSampleId :

Z2-12

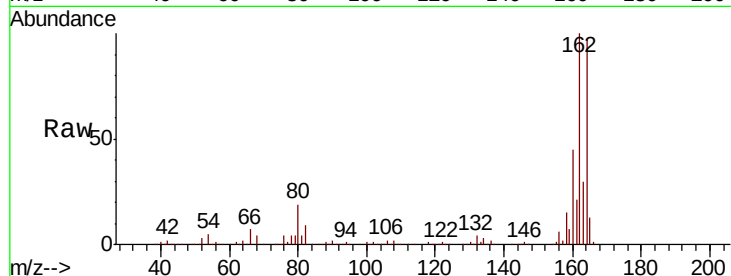
Tgt Ion:163 Resp: 108596

Ion Ratio Lower Upper

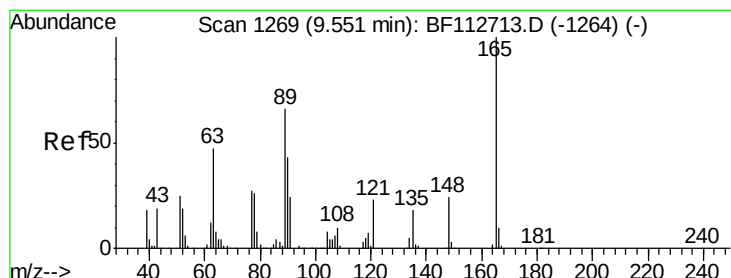
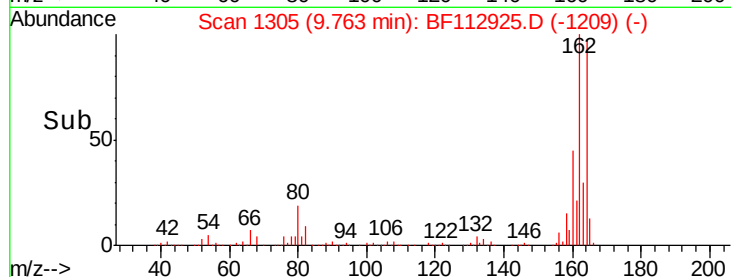
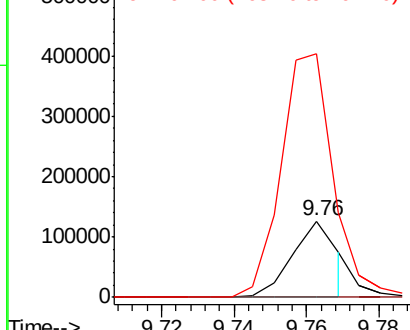
163 100

194 0.0 3.0 4.4#

164 319.5 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: 8.266 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

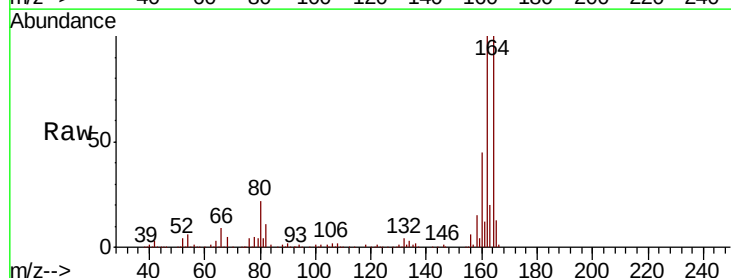
Tgt Ion:165 Resp: 52848

Ion Ratio Lower Upper

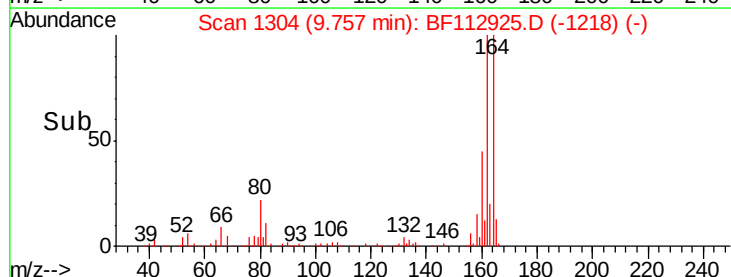
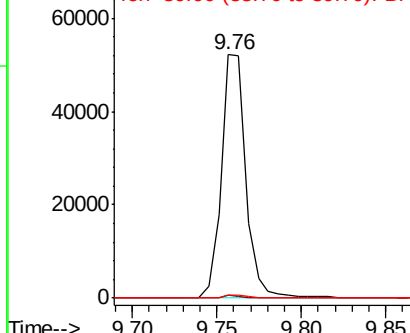
165 100

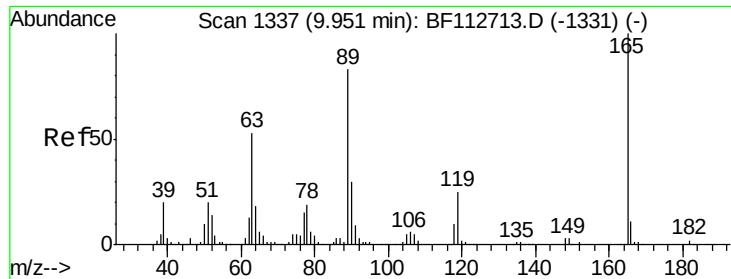
63 1.5 54.1 81.1#

89 1.0 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

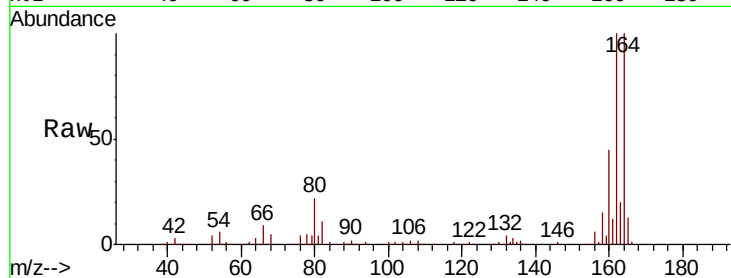




#57
 2,4-Dinitrotoluene
 Concen: 6.650 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF112925.D
 Acq: 7 Mar 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 Z2-12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.0	66.2	99.4#
182	0.0	1.8	2.6#

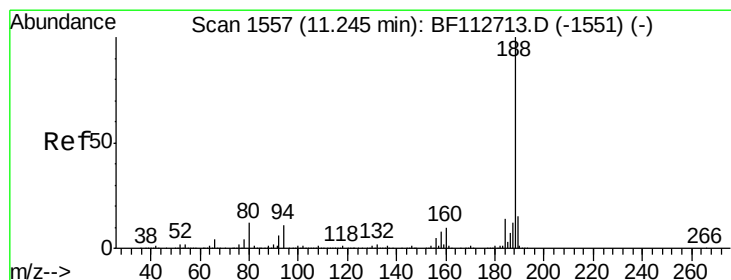
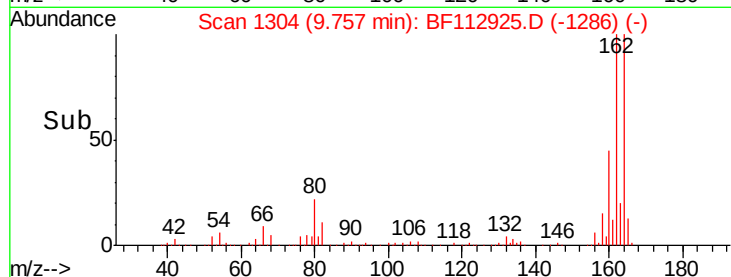
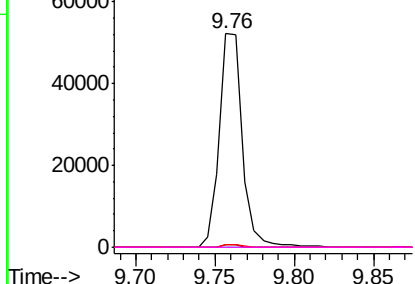


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

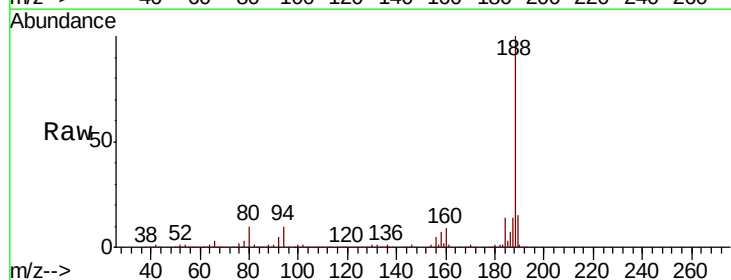
Ion 89.00 (88.70 to 89.70): BF1

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: BF112925.D
 Acq: 7 Mar 2019 17:02

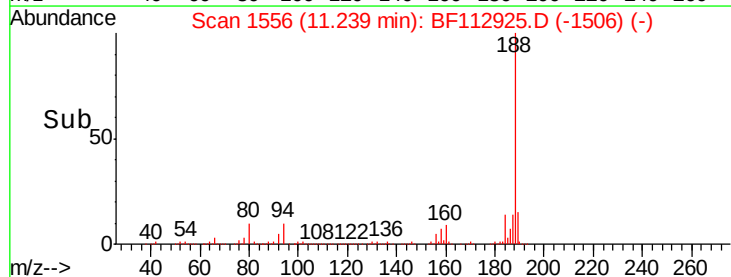
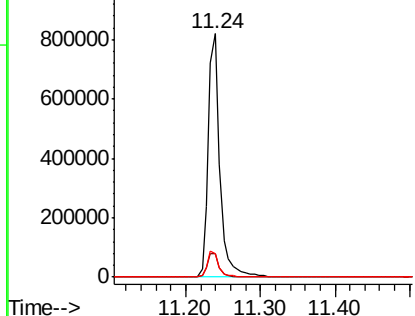
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	9.6	9.2	13.8

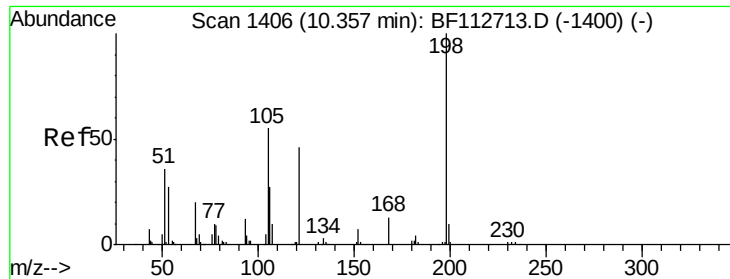


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

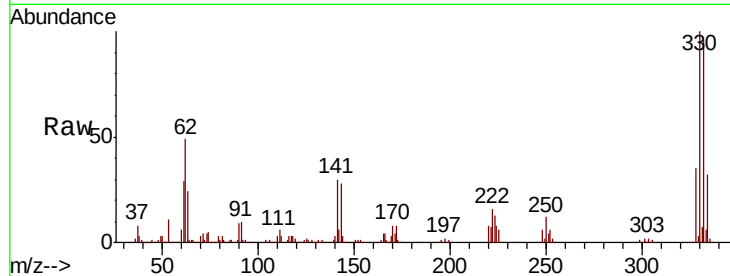




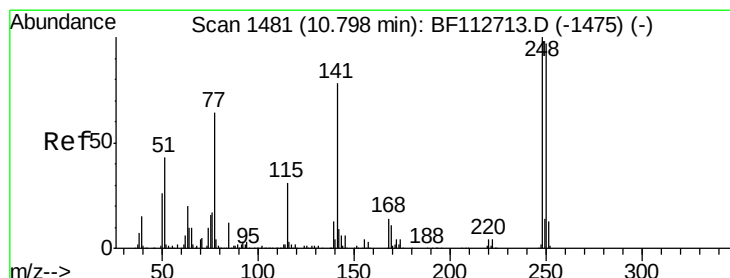
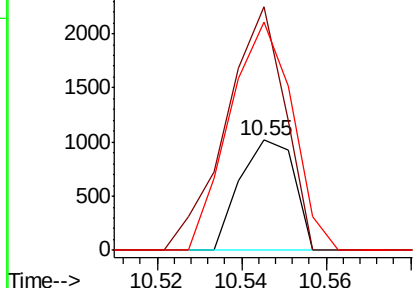
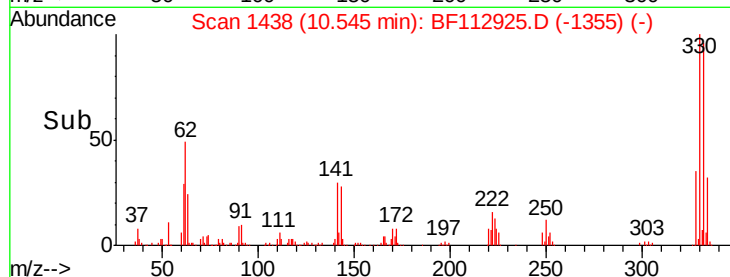
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.840 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112925.D
 Acq: 7 Mar 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 Z2-12

Tgt Ion:198 Resp: 916
 Ion Ratio Lower Upper
 198 100
 51 220.4 43.8 83.8#
 105 207.0 36.5 76.5#

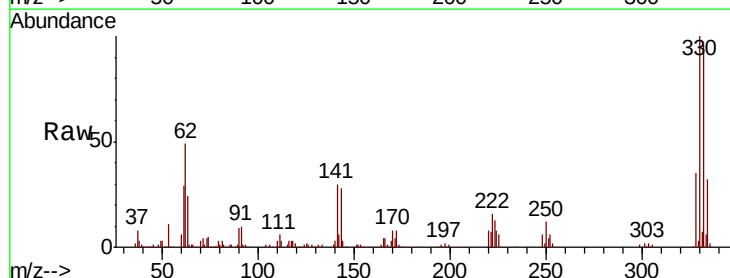


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

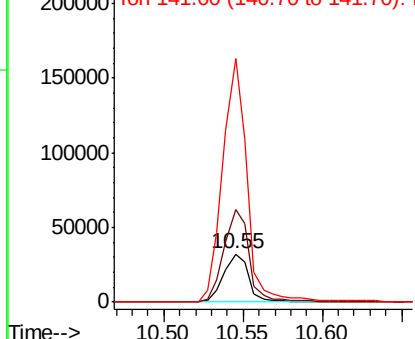
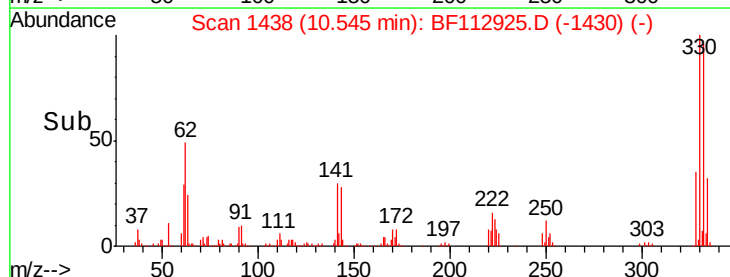


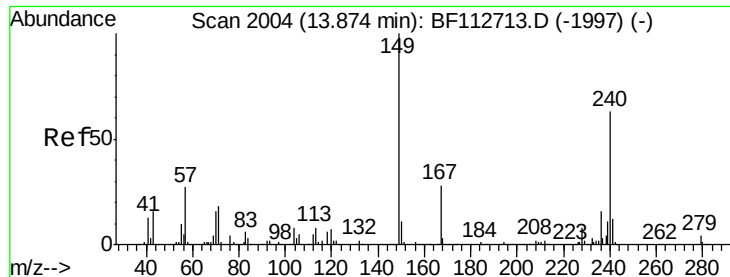
#67
 4-Bromophenyl-phenylether
 Concen: 3.790 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112925.D
 Acq: 7 Mar 2019 17:02

Tgt Ion:248 Resp: 35371
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.5 116.3#
 141 507.6 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

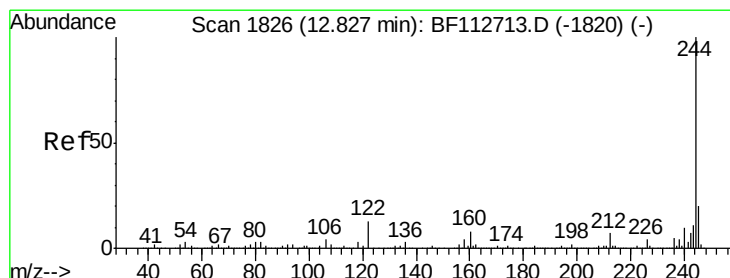
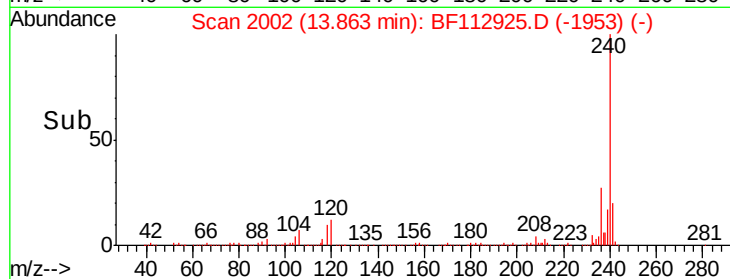
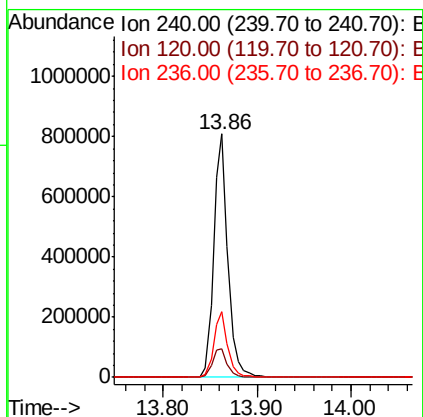
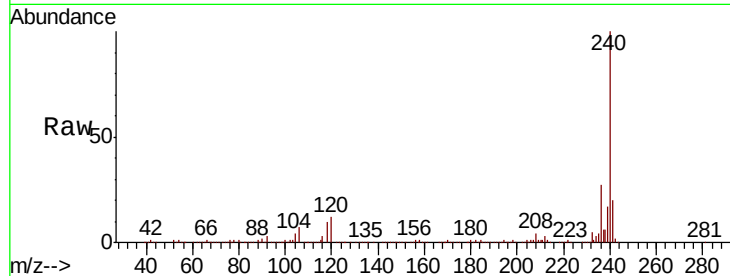




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

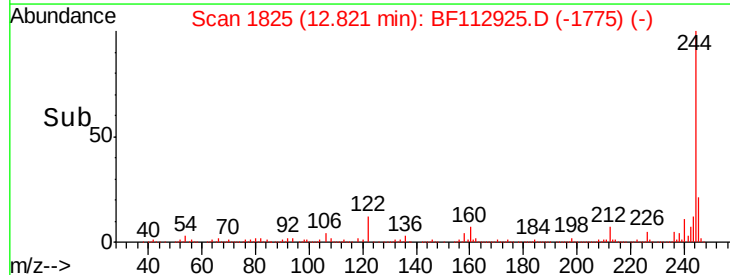
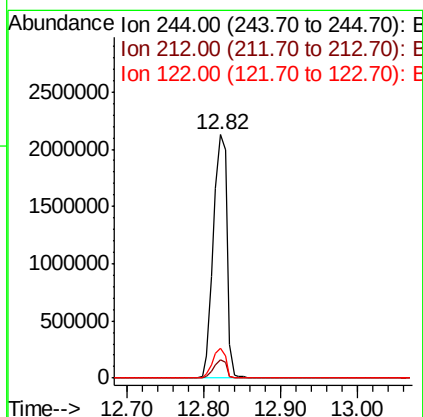
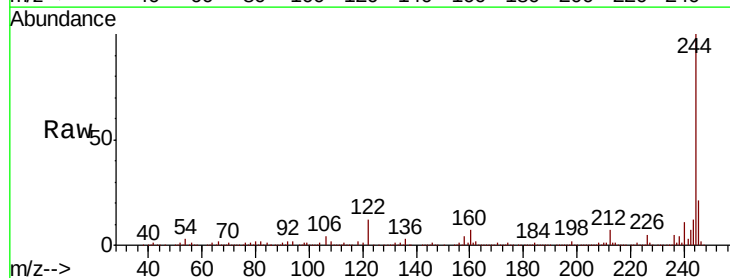
Instrument :
BNA_F
ClientSampleId :
Z2-12

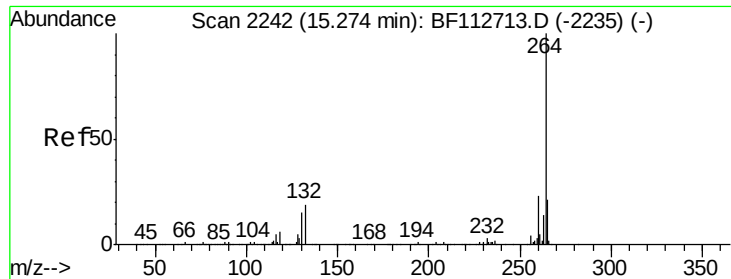
Tgt Ion:240 Resp: 860766
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.7 20.7 31.1



#79
Terphenyl-d14
Concen: 57.823 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

Tgt Ion:244 Resp: 2567538
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 12.4 10.5 15.7

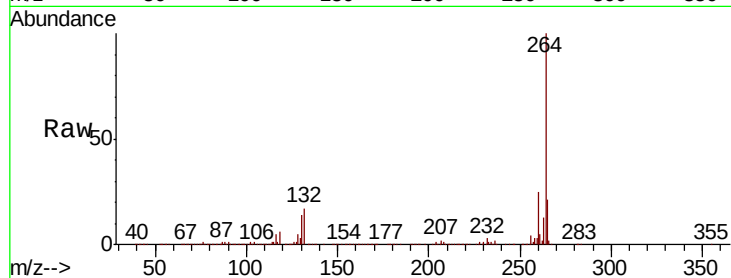




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.1	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

