

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102116.D
 Acq On : 16 Jan 2018 18:21
 Operator : SJ/JU
 Sample : J1115-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

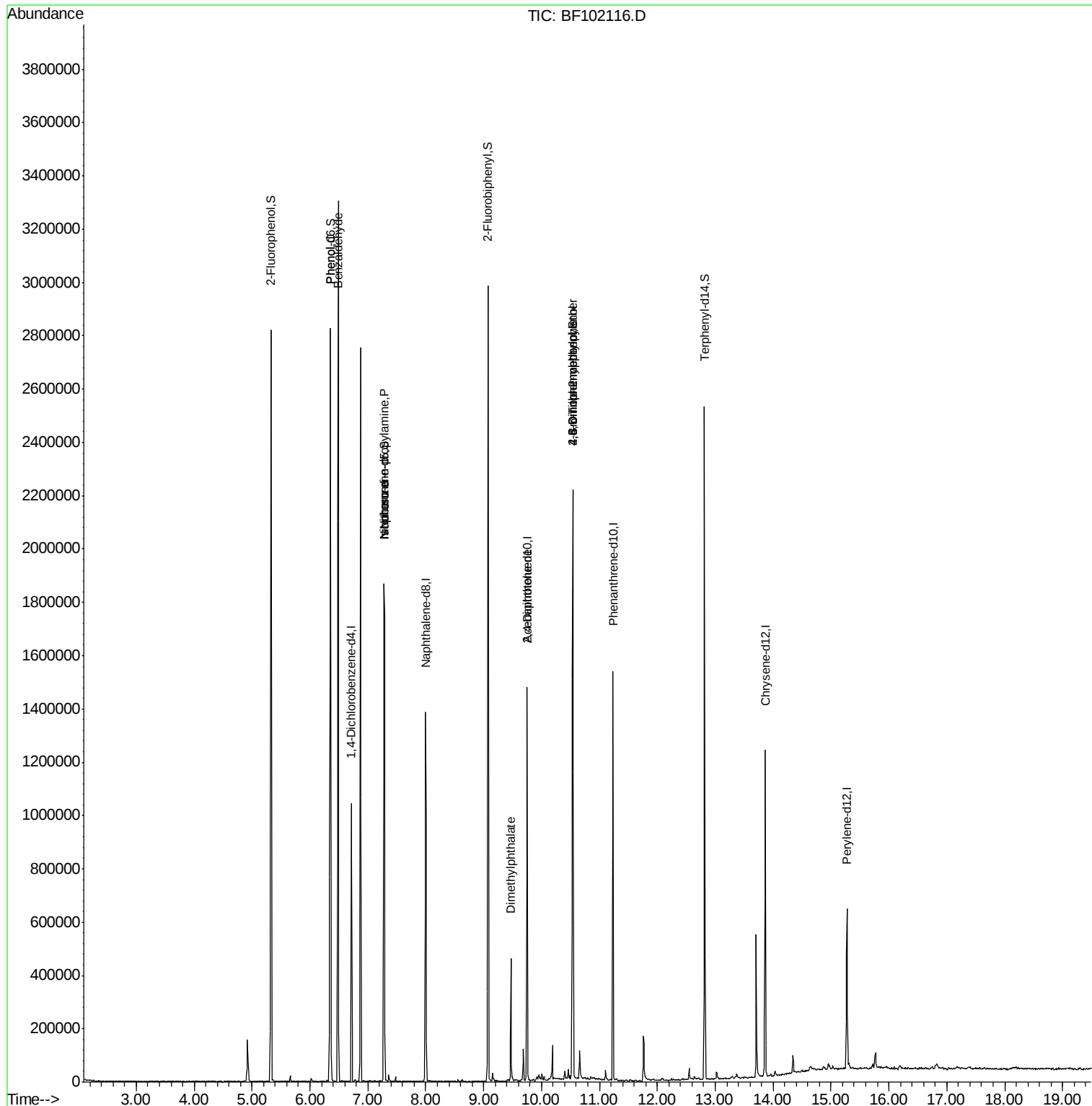
Quant Time: Jan 17 01:04:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146465	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	606674	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	271295	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	484871	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	377355	20.00	ng	-0.02
86) Perylene-d12	15.27	264	258068	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	884113	85.24	ng	0.00
7) Phenol-d6	6.36	99	1040878	84.11	ng	0.00
23) Nitrobenzene-d5	7.28	82	666316	64.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	243874	103.01	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	988661	56.93	ng	-0.01
78) Terphenyl-d14	12.82	244	886577	48.78	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	19369	2.254	ng	86
10) Phenol	6.36	94	41472	2.965	ng	86
19) n-Nitroso-di-n-propylamine	7.28	70	87554	10.796	ng	# 82
25) Isophorone	7.28	82	666310	32.664	ng	# 64
49) Dimethylphthalate	9.47	163	166847	7.666	ng	100
56) 2,4-Dinitrotoluene	9.75	165	35519	6.519	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	571	5.853	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	16208	3.165	ng	# 1

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

```
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Sample    : J1115-07  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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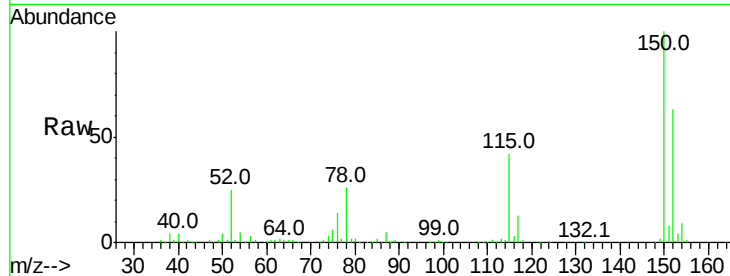


#1

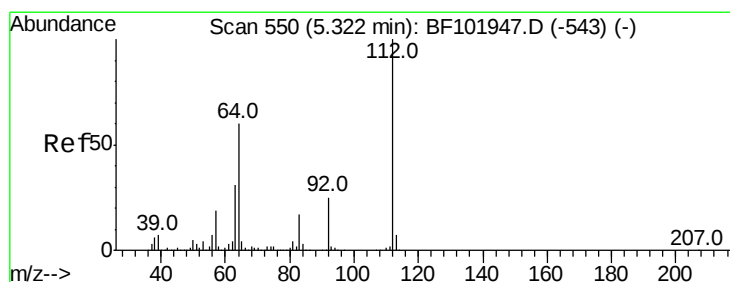
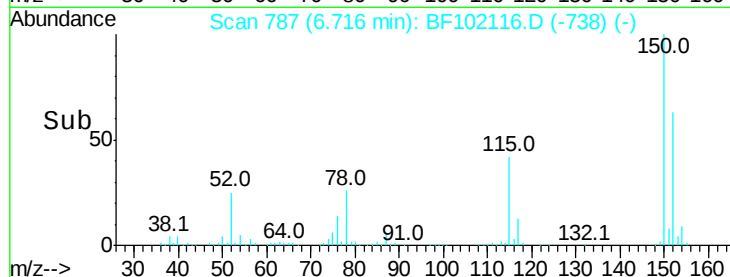
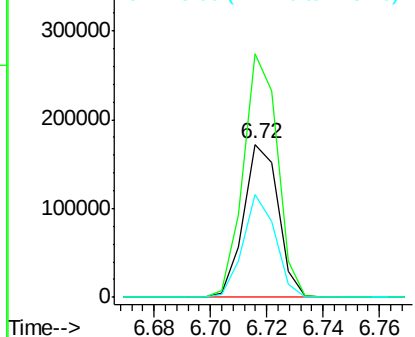
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146465
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 67.2 50.1 75.1



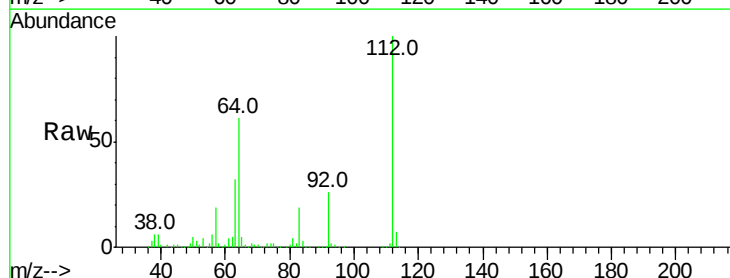
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



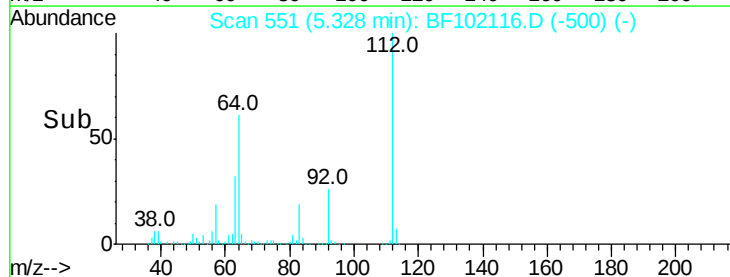
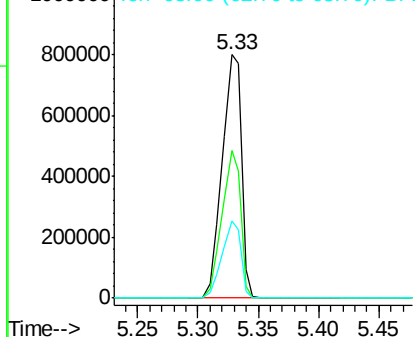
#5

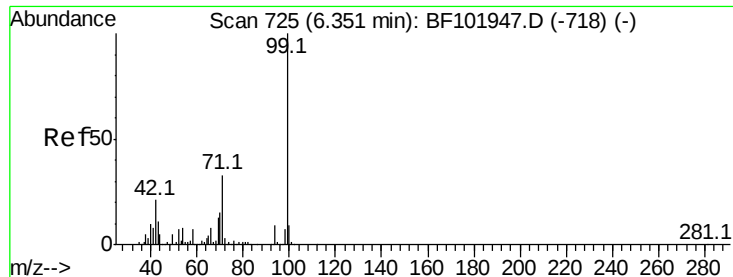
2-Fluorophenol
Concen: 85.238 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:112 Resp: 884113
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.7 23.7 35.5



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: 84.110 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Instrument :

BNA_F

ClientSampleId :

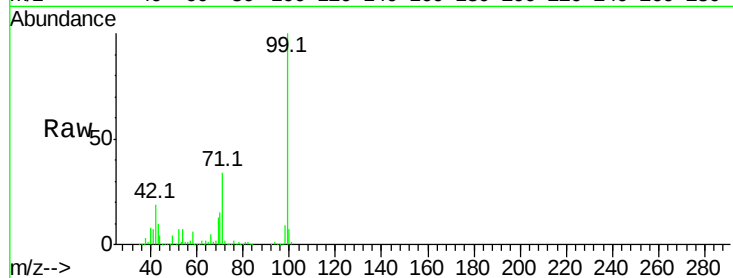
Tot Ion: 99 Resp: 1040878

Ion Ratio Lower Upper

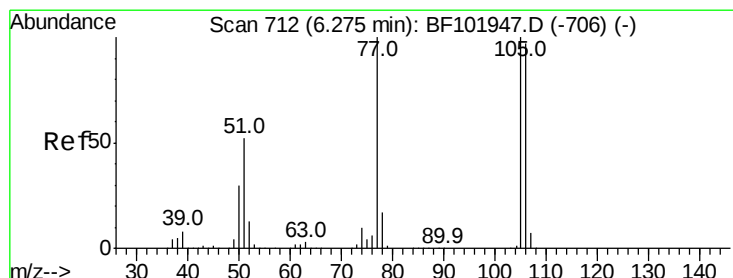
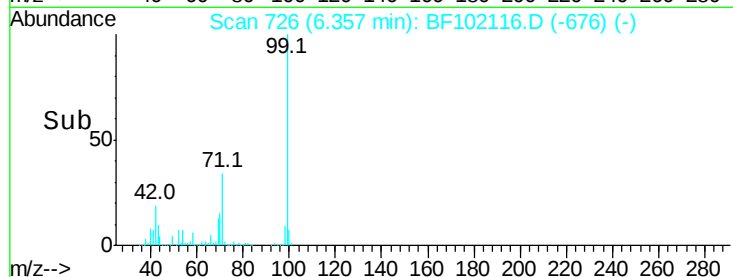
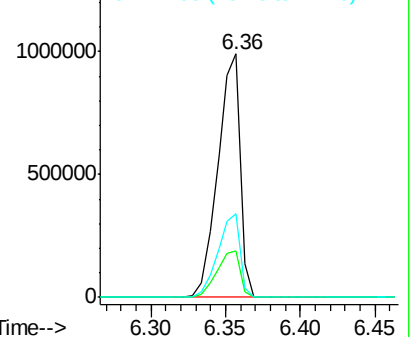
99 100

42 19.0 14.5 21.7

71 34.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.254 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

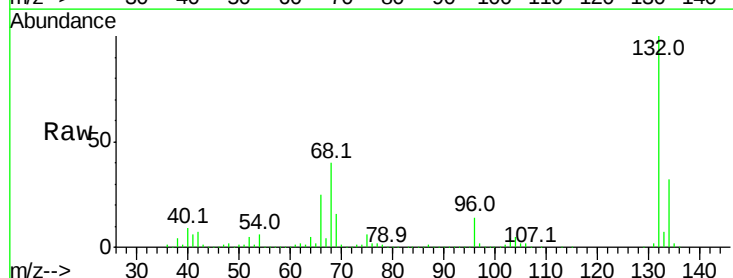
Tgt Ion: 77 Resp: 19369

Ion Ratio Lower Upper

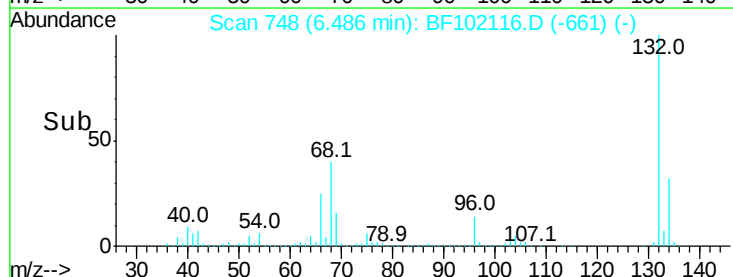
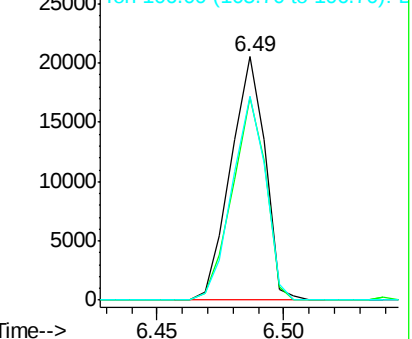
77 100

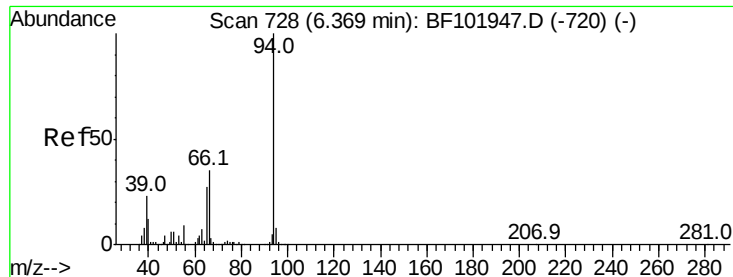
105 83.4 81.1 121.1

106 83.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.965 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Instrument :

BNA_F

ClientSampleId :

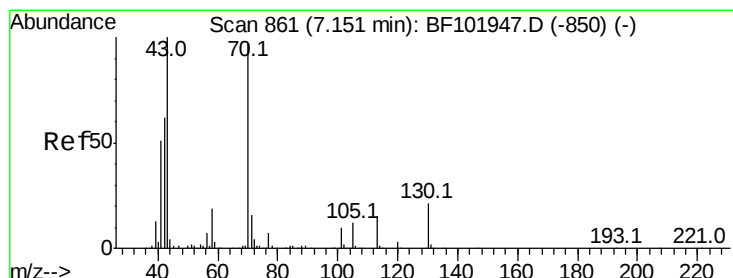
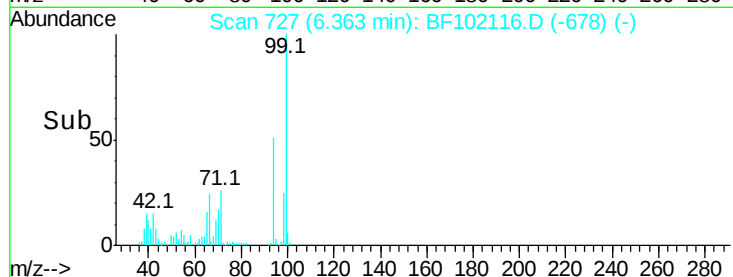
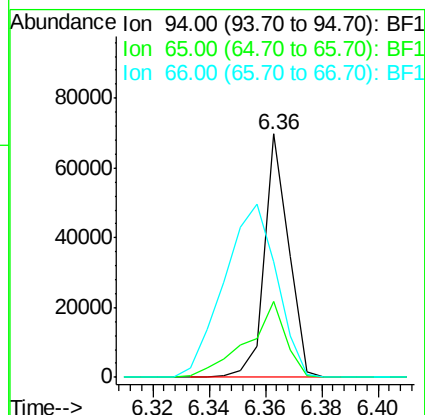
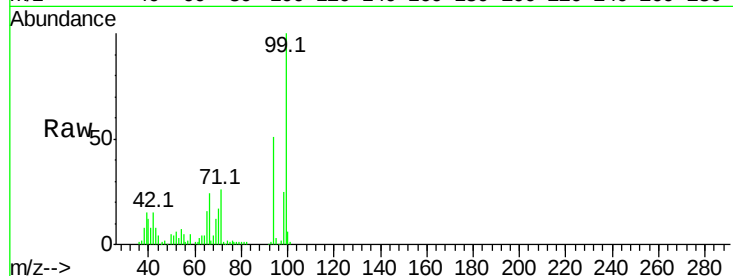
Tot Ion: 94 Resp: 41472

Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 47.5 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.796 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Tgt Ion: 70 Resp: 87554

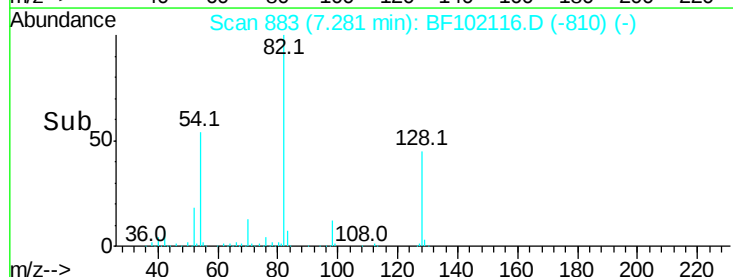
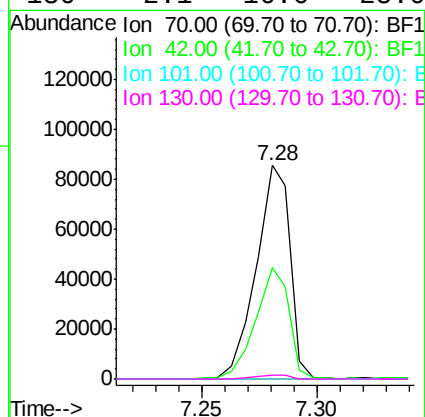
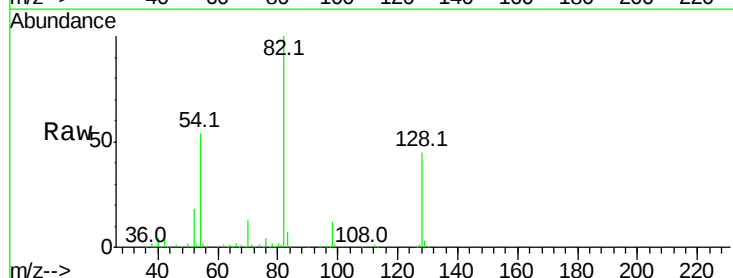
Ion Ratio Lower Upper

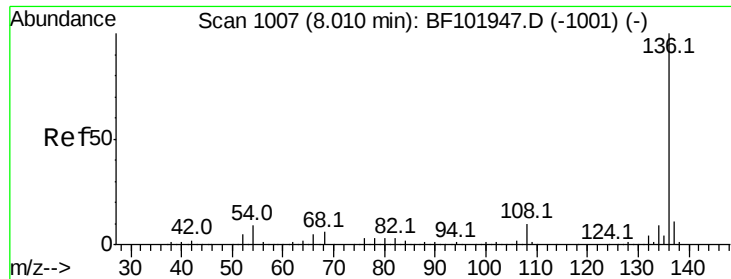
70 100

42 52.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

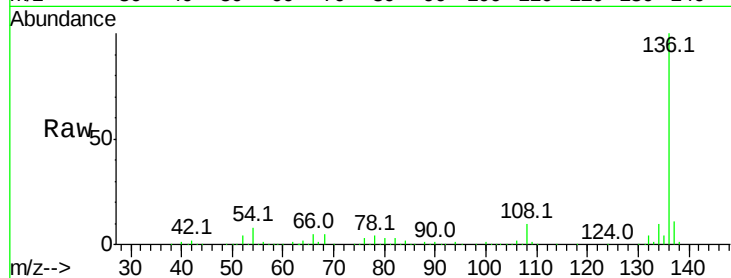




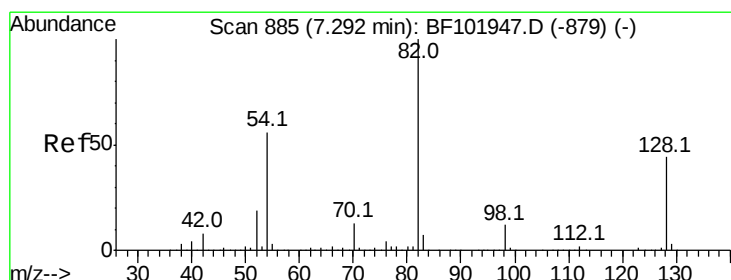
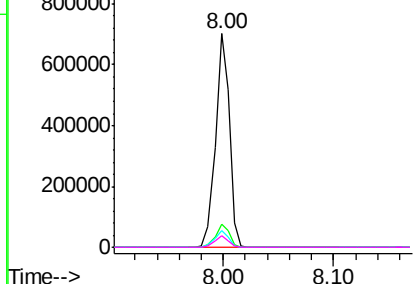
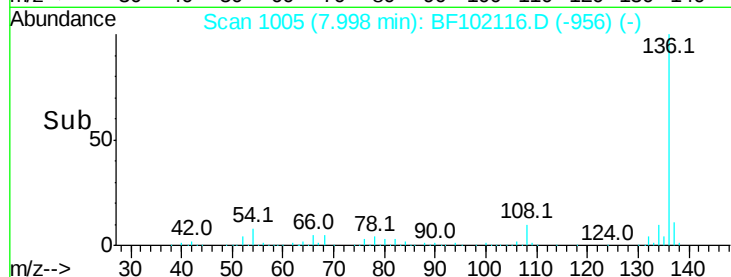
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	606674
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.8	6.6	9.8
68	5.3	5.0	7.4

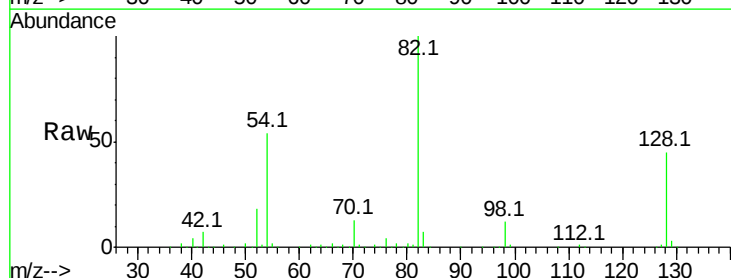


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

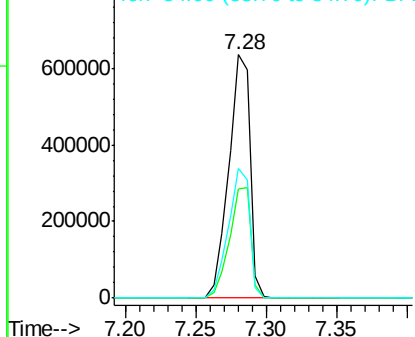
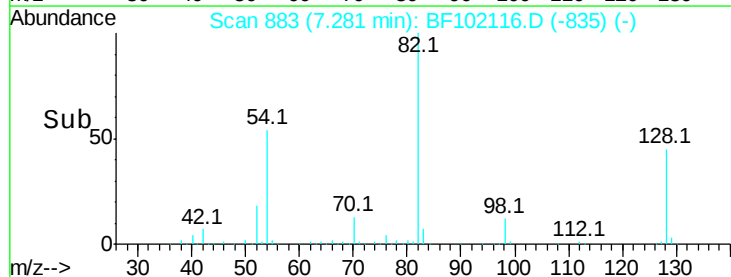


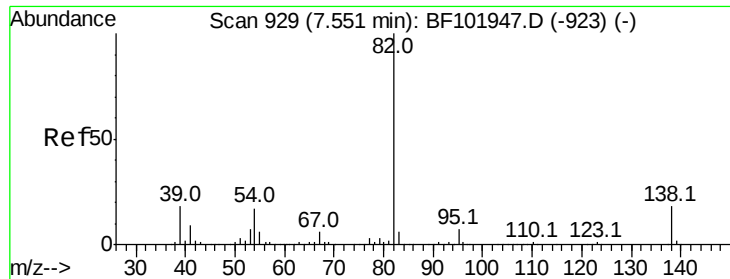
#23
Nitrobenzene-d5
Concen: 64.541 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:	82	Resp:	666316
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	53.5	41.4	62.2



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





#25

Isophorone

Concen: 32.664 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Instrument :

BNA_F

ClientSampleId :

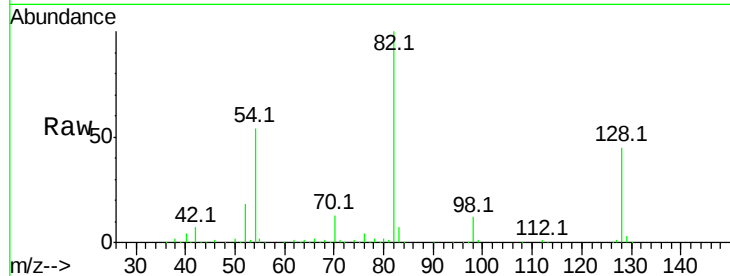
Tot Ion: 82 Resp: 666310

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

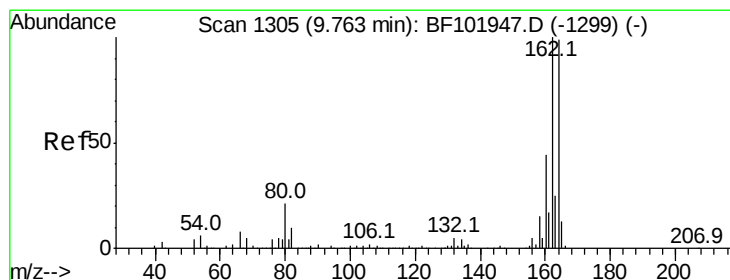
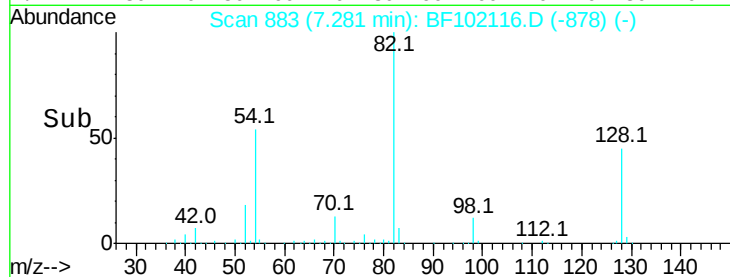
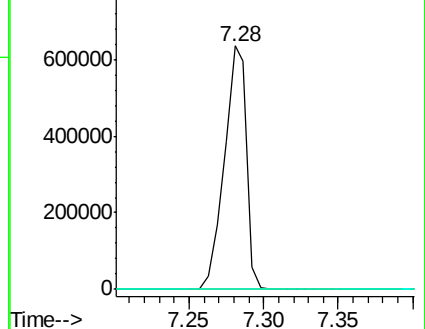
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

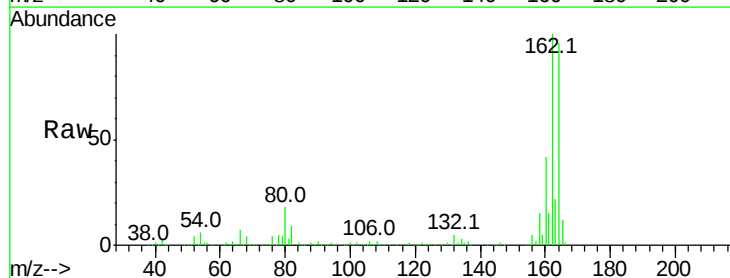
Tgt Ion:164 Resp: 271295

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

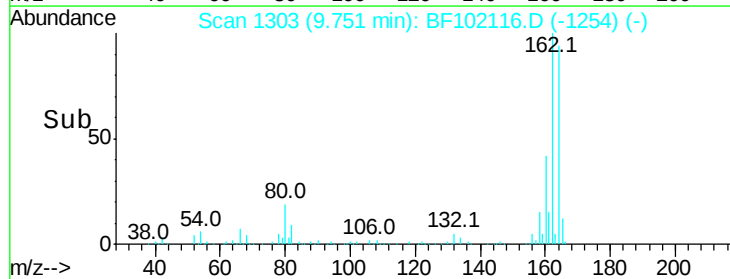
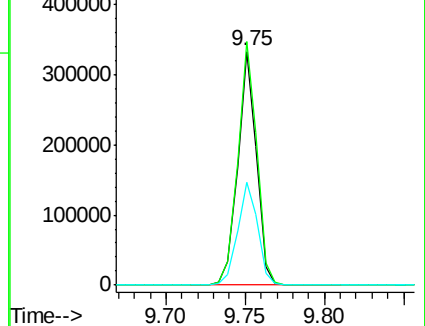
160 44.1 38.3 57.5

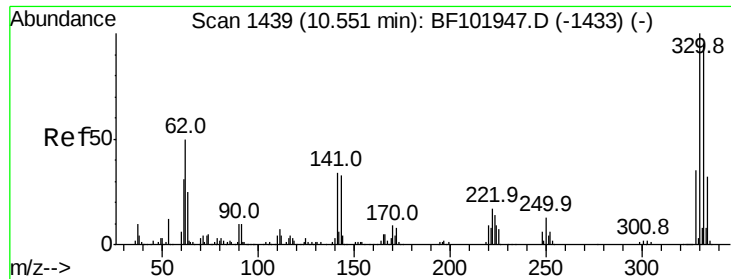


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

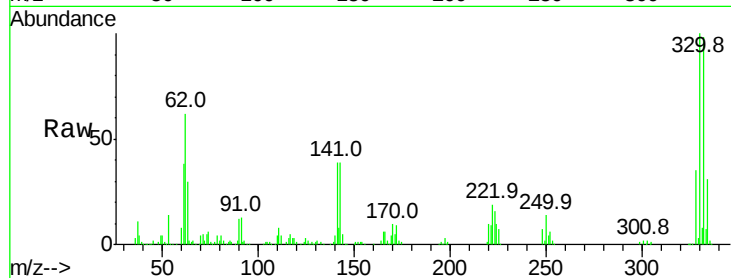




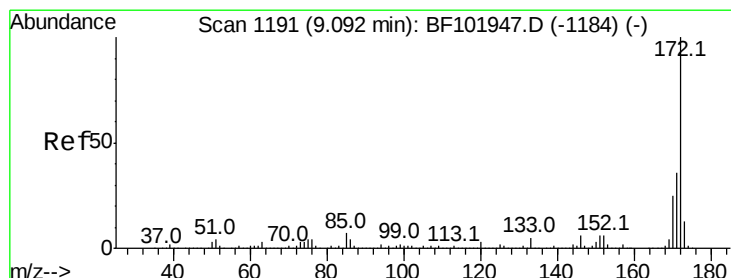
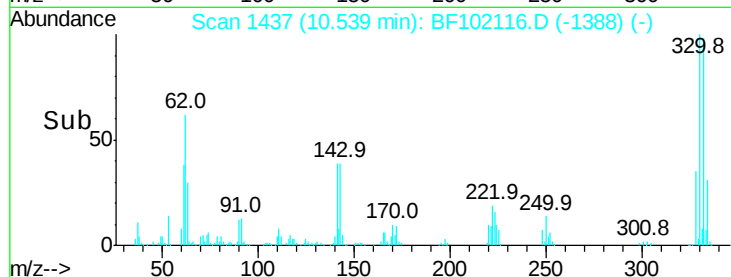
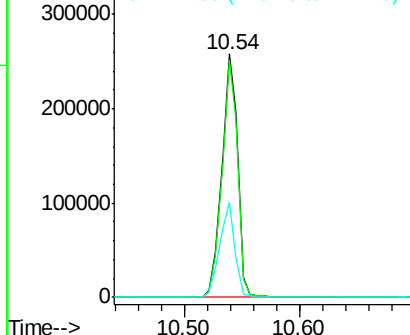
#41
 2,4,6-Tribromophenol
 Concen: 103.007 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102116.D
 Acq: 16 Jan 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.5	29.9	44.9

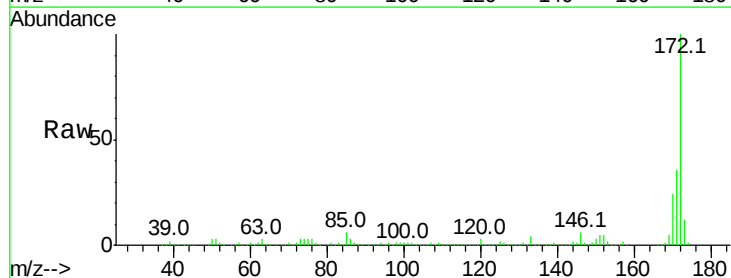


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

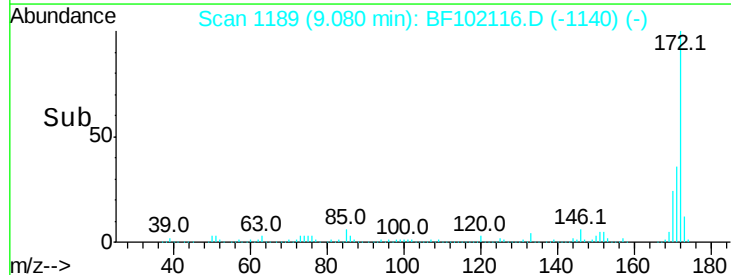
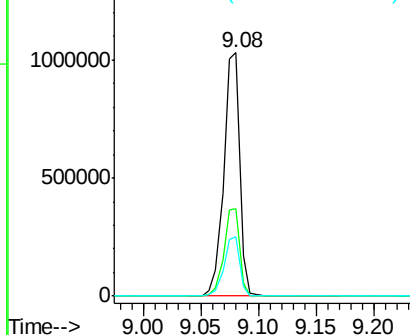


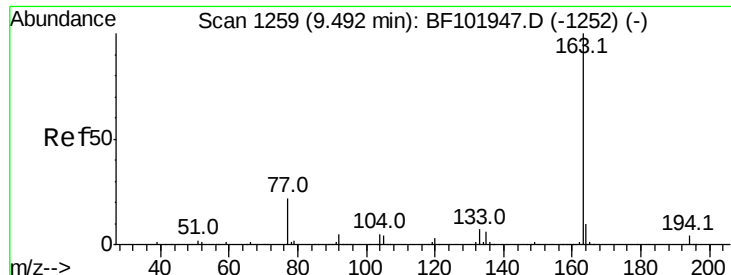
#44
 2-Fluorobiphenyl
 Concen: 56.933 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102116.D
 Acq: 16 Jan 2018 18:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4



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





#49

Dimethylphthalate

Concen: 7.666 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Instrument :

BNA_F

ClientSampled :

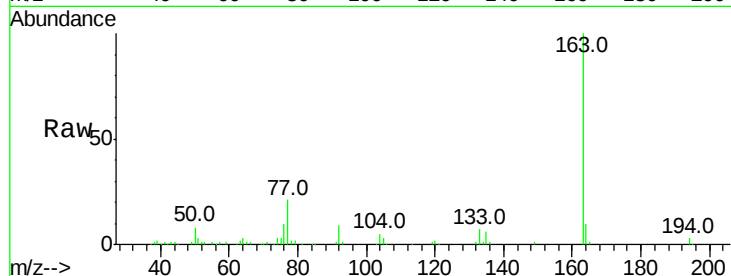
Tot Ion:163 Resp: 166847

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 10.2 8.2 12.2

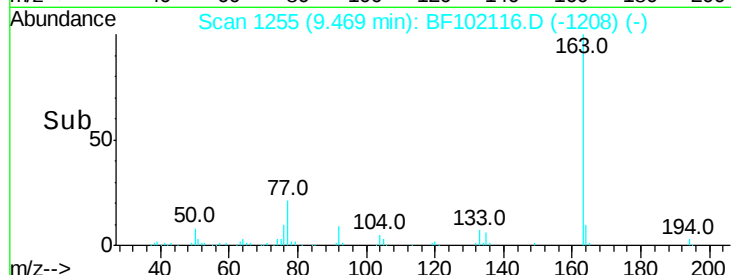


Abundance Ion 163.00 (162.70 to 163.70): E

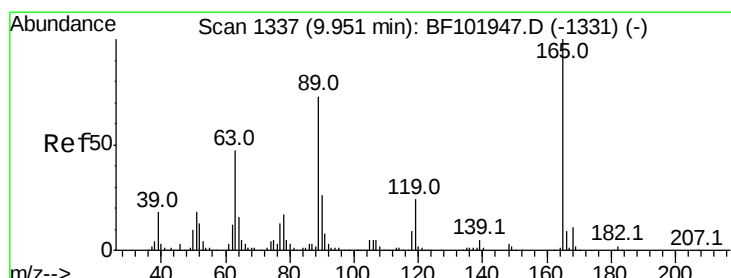
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.519 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102116.D

Acq: 16 Jan 2018 18:21

Tgt Ion:165 Resp: 35519

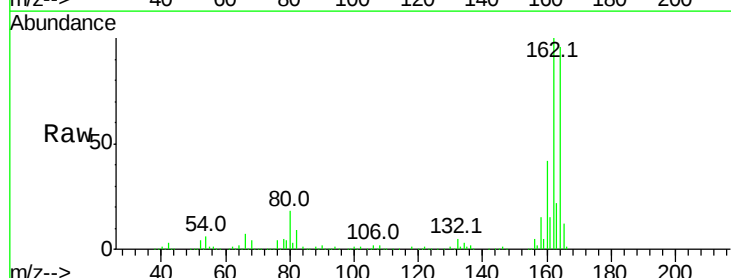
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#



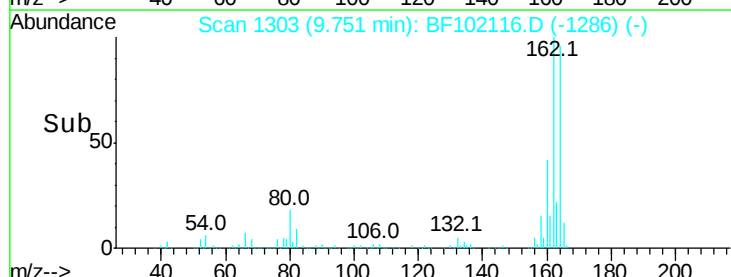
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

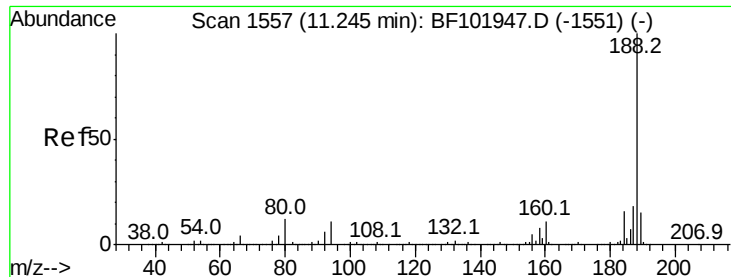
Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->

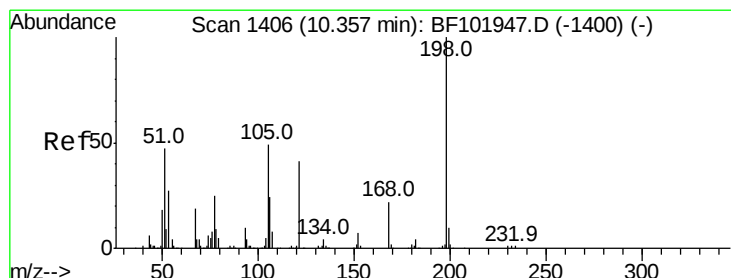
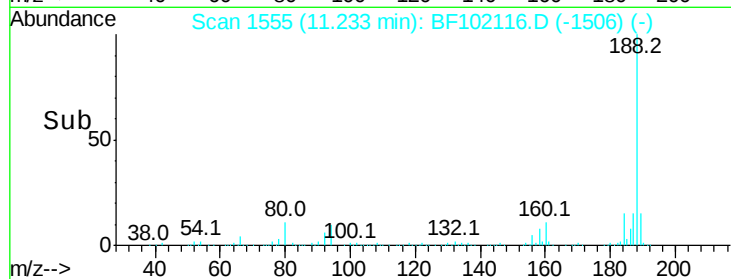
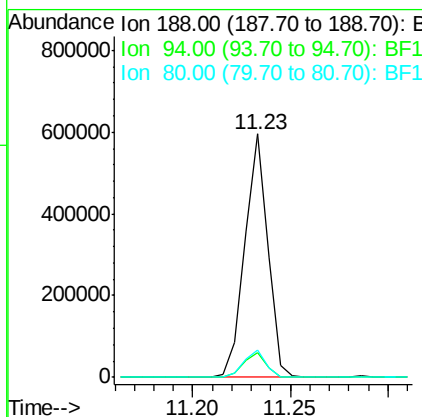
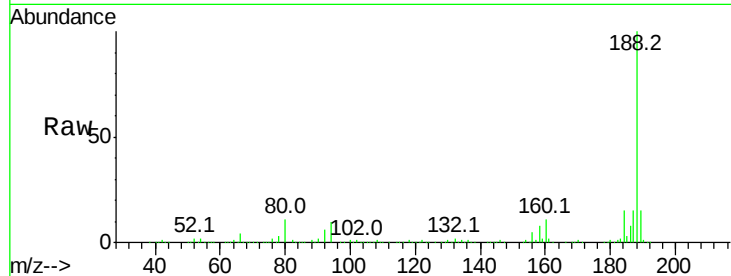
Time-->



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102116.D
 Acq: 16 Jan 2018 18:21

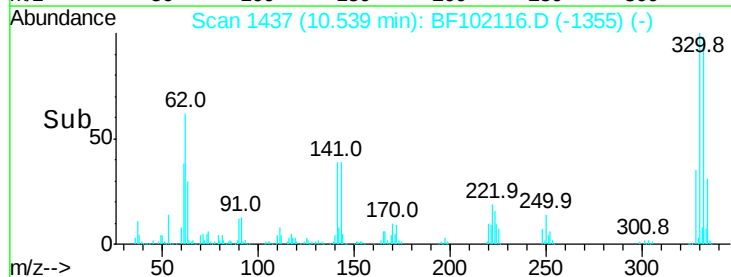
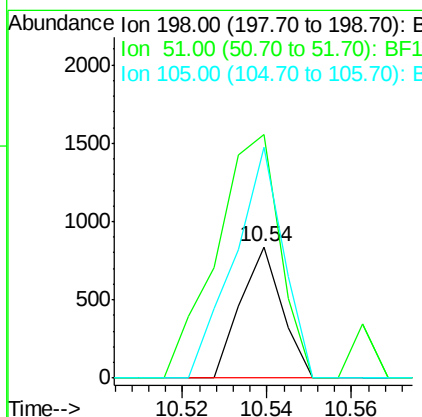
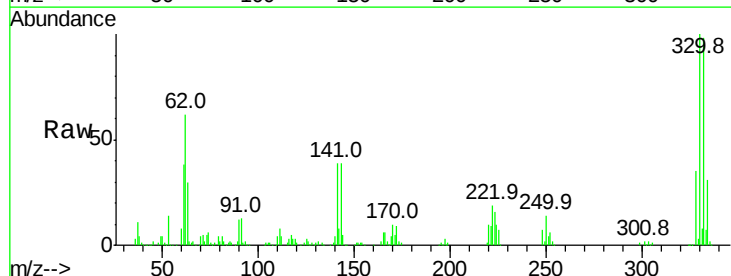
Instrument :
 BNA_F
 ClientSampleId :

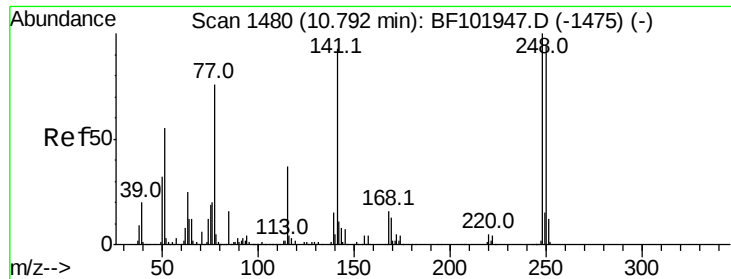
Tot Ion:188 Resp: 484871
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.853 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102116.D
 Acq: 16 Jan 2018 18:21

Tgt Ion:198 Resp: 571
 Ion Ratio Lower Upper
 198 100
 51 185.3 37.7 77.7#
 105 175.7 36.3 76.3#

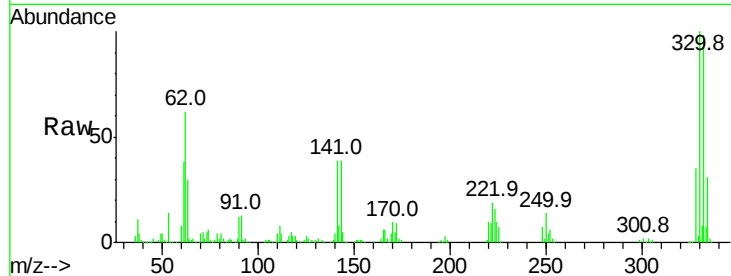




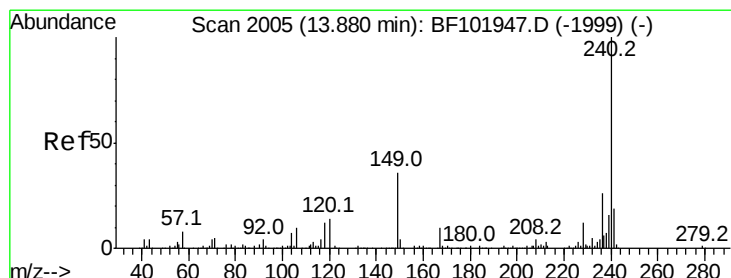
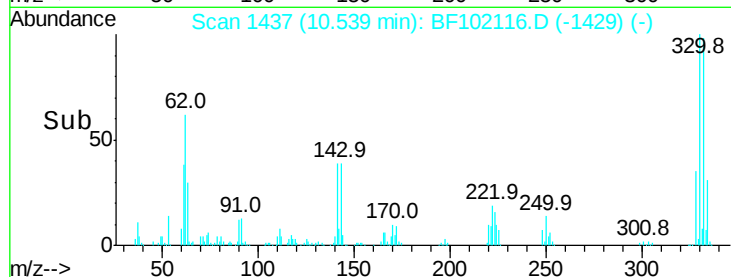
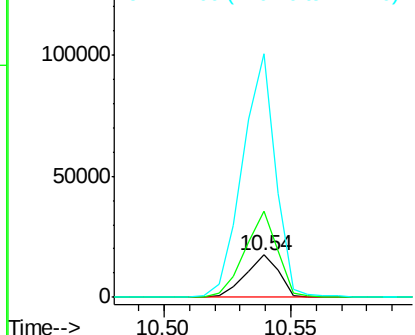
#66
4-Bromophenyl-phenylether
Concen: 3.165 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16208
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 574.6 74.4 111.6#

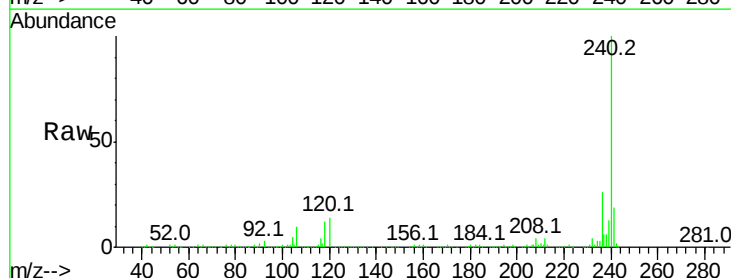


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

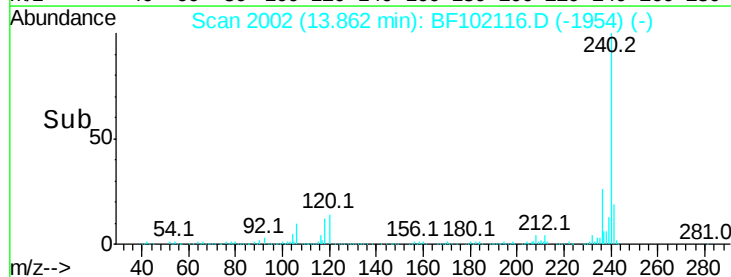
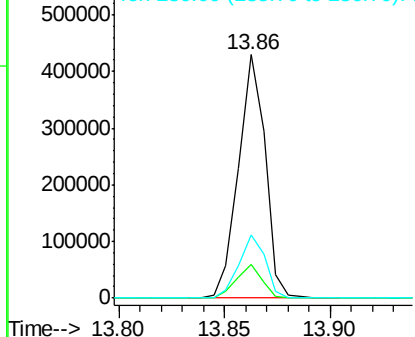


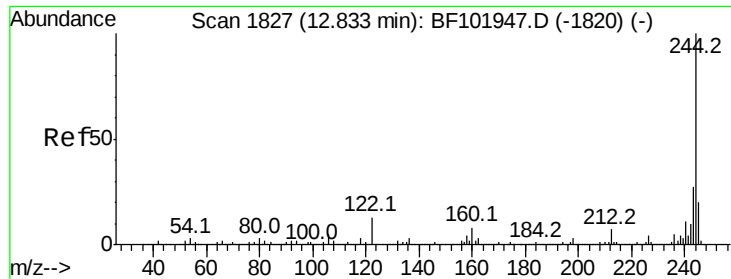
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:240 Resp: 377355
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 26.1 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

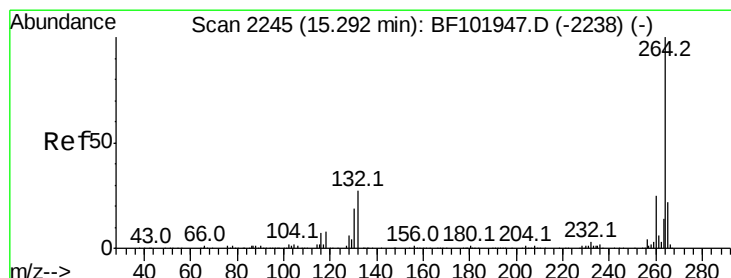
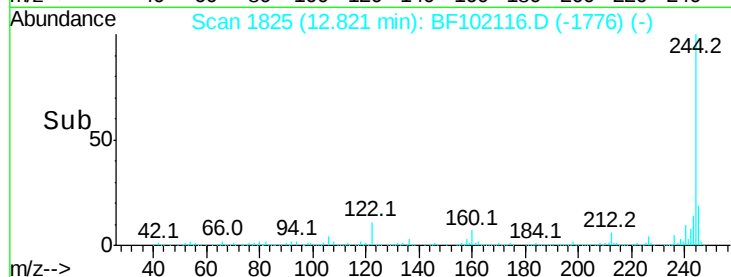
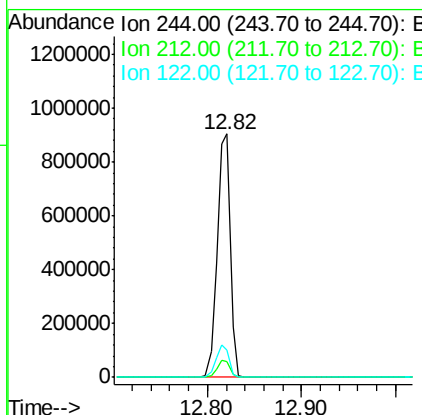
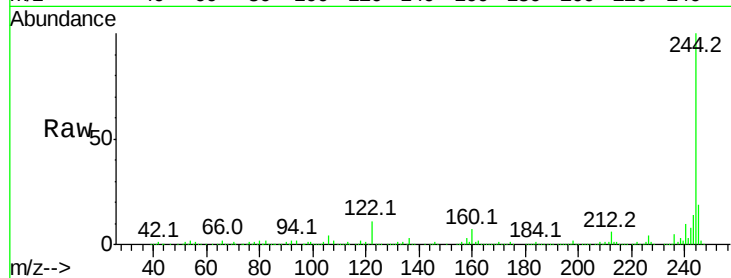




#78
 Terphenyl-d14
 Concen: 48.781 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102116.D
 Acq: 16 Jan 2018 18:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 886577
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF102116.D
 Acq: 16 Jan 2018 18:21

Tgt Ion:264 Resp: 258068
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 17.5 26.3

