

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105091.D
 Acq On : 3 May 2018 23:40
 Operator : JU/SJ
 Sample : J2709-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 02:01:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

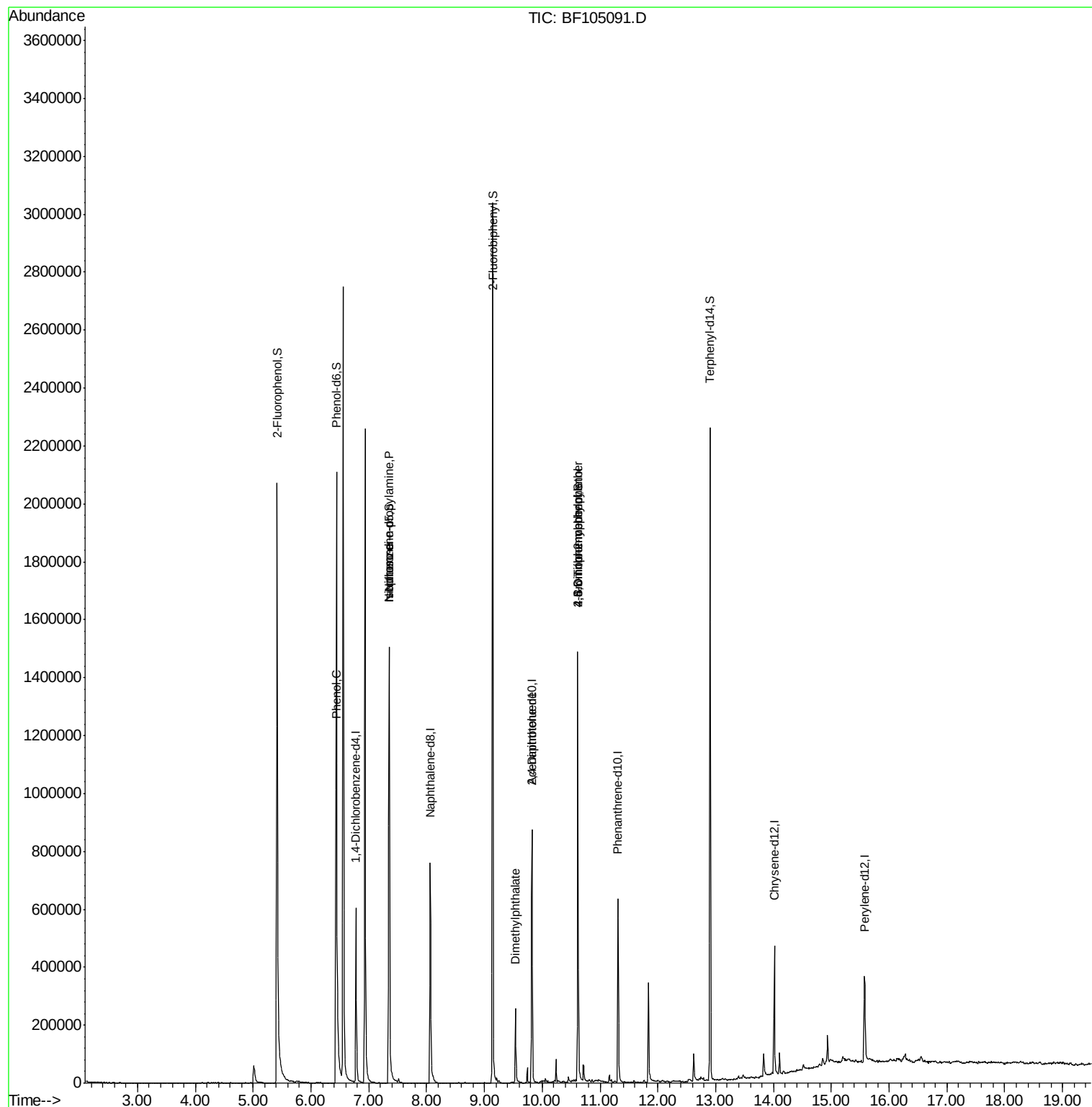
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110154	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	431347	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	177130	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	262267	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	179906	20.00	ng	-0.02
86) Perylene-d12	15.57	264	134040	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	920484	127.77	ng	0.00
7) Phenol-d6	6.44	99	1085284	122.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	646105	97.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	219395	119.40	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1099529	98.06	ng	-0.01
78) Terphenyl-d14	12.90	244	781099	98.98	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	24865	2.65	ng	# 63
19) n-Nitroso-di-n-propylamine	7.35	70	80119	13.85	ng	# 74
25) Isophorone	7.35	82	646101	46.25	ng	# 64
49) Dimethylphthalate	9.54	163	129731	9.29	ng	97
56) 2,4-Dinitrotoluene	9.82	165	22946	6.77	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	434	7.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	13191	4.73	ng	# 1
76) Benzidine	12.90	184	10232	Below Cal		97

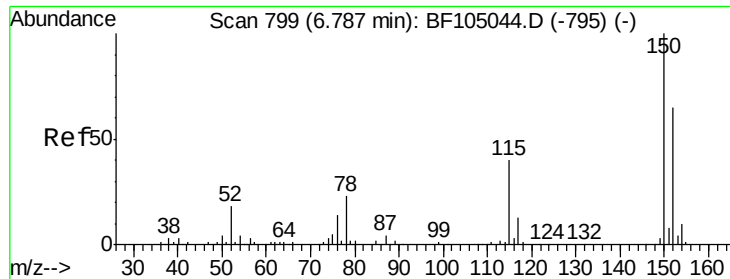
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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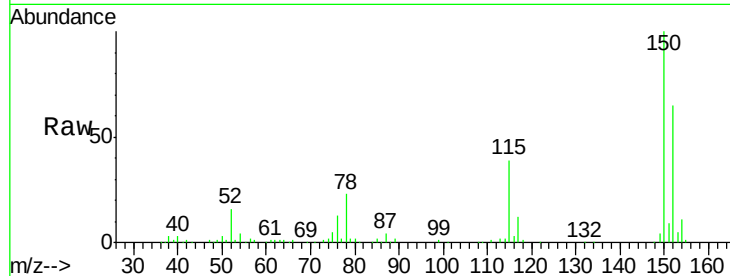


#1

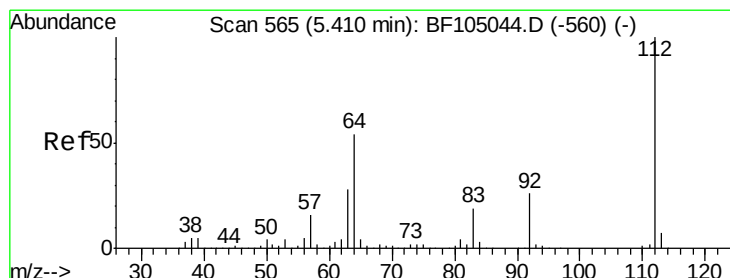
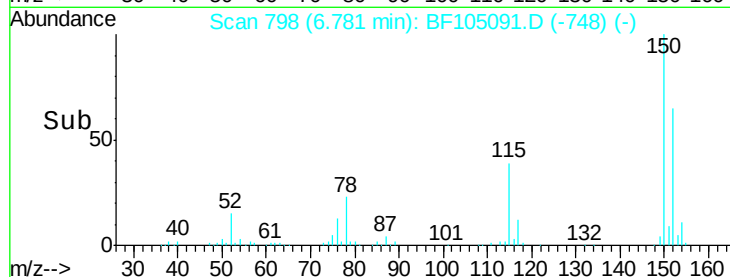
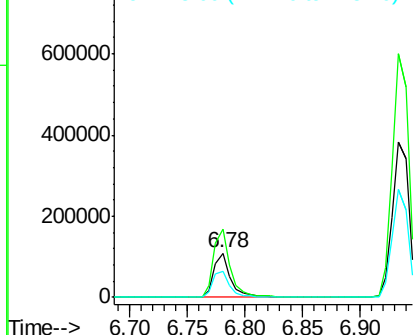
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110154
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 59.8 50.1 75.1



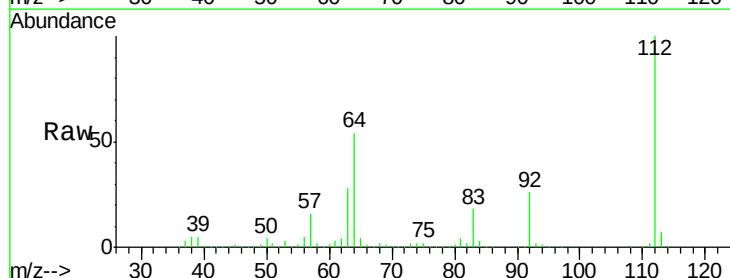
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



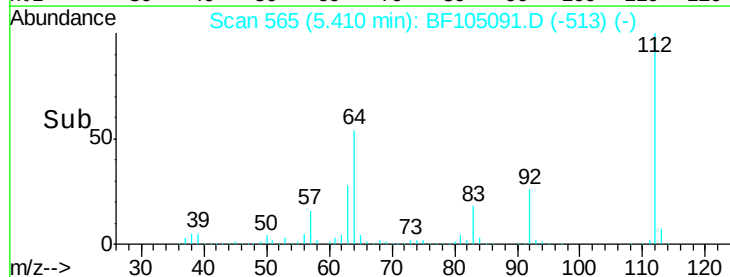
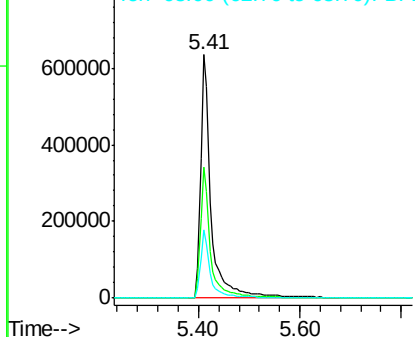
#5

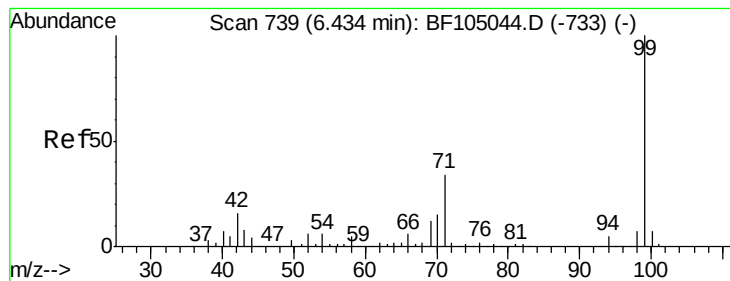
2-Fluorophenol
Concen: 127.77 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Tgt Ion:112 Resp: 920484
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 28.1 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: 122.61 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

Instrument :

BNA_F

ClientSampled :

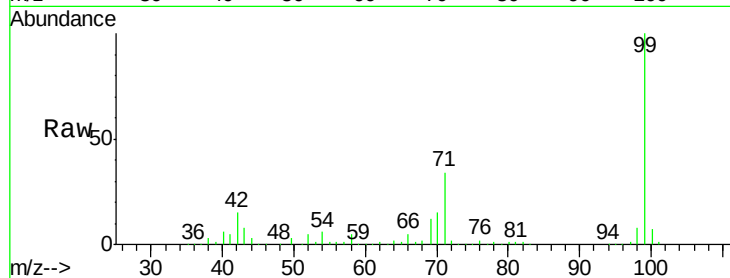
Tot Ion: 99 Resp: 1085284

Ion Ratio Lower Upper

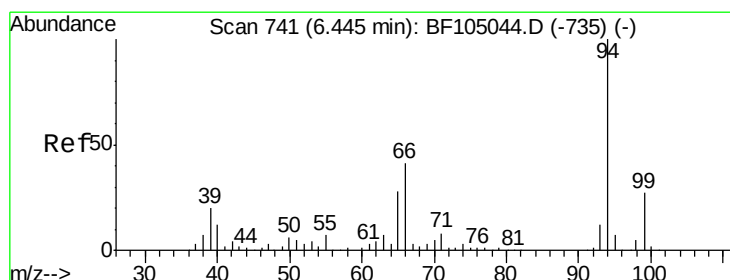
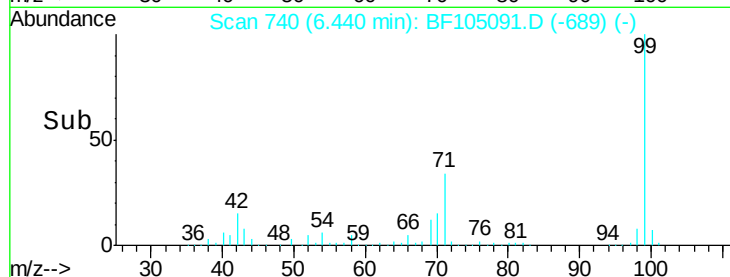
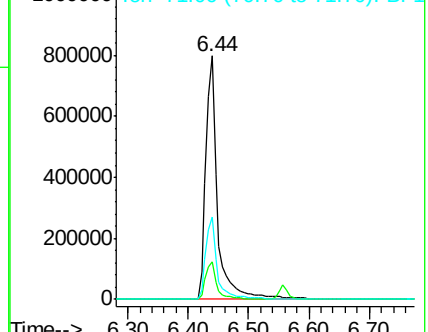
99 100

42 15.4 14.5 21.7

71 33.8 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



#10

Phenol

Concen: 2.65 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

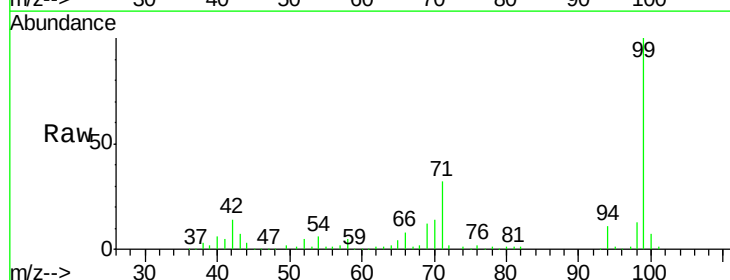
Tgt Ion: 94 Resp: 24865

Ion Ratio Lower Upper

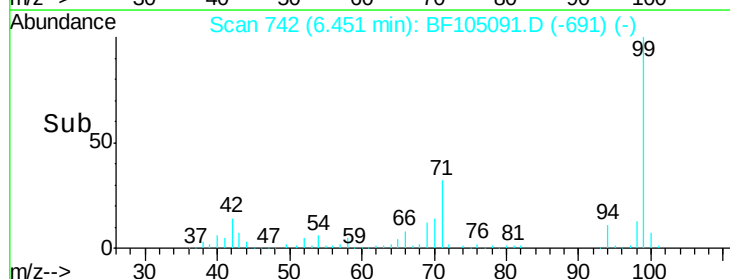
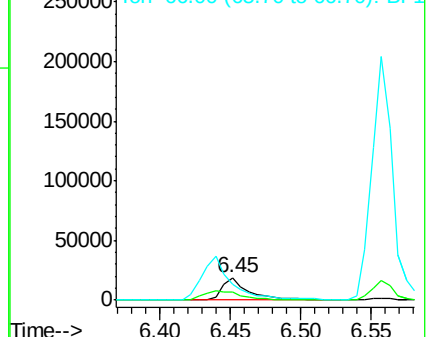
94 100

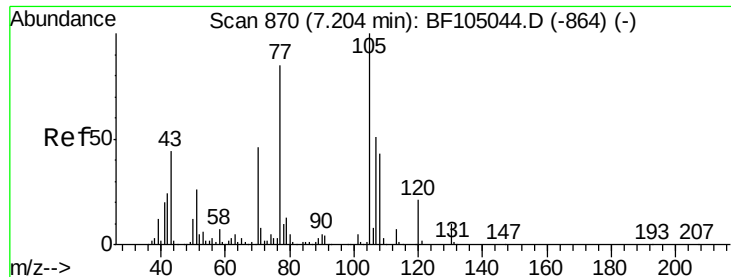
65 33.5 7.9 47.9

66 70.3 16.2 56.2#



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

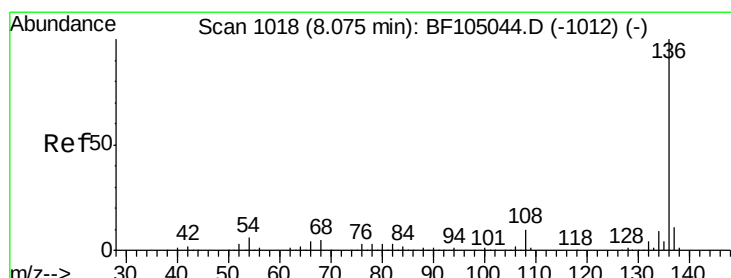
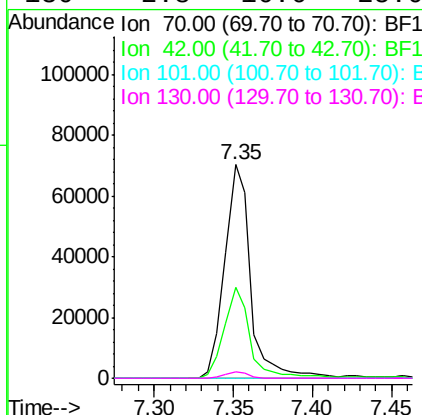
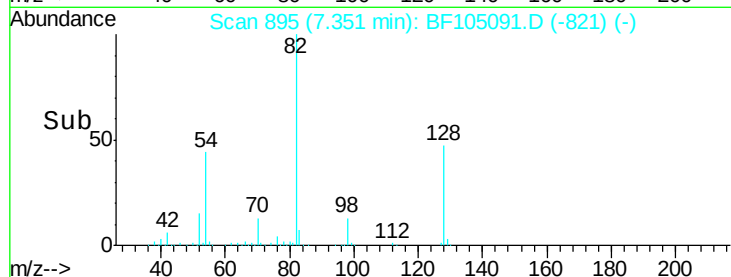
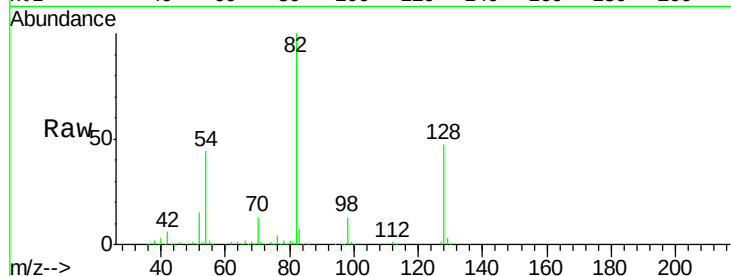




#19
n-Nitroso-di-n-propylamine
Concen: 13.85 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

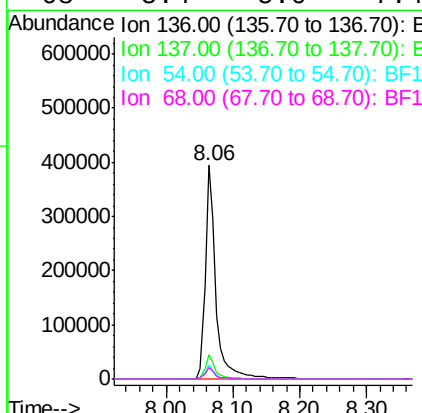
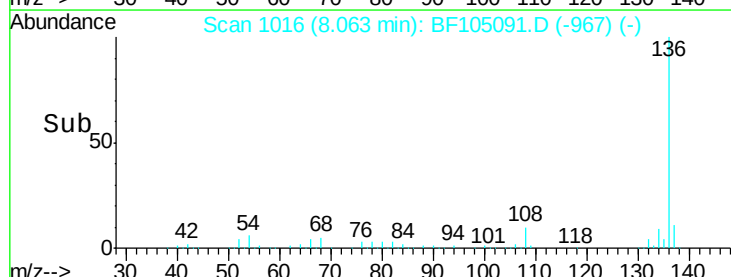
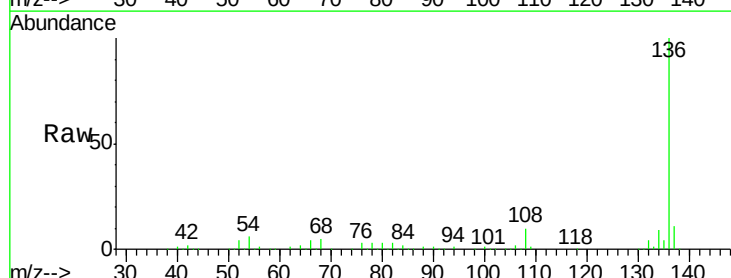
Instrument :
BNA_F
ClientSampleId :

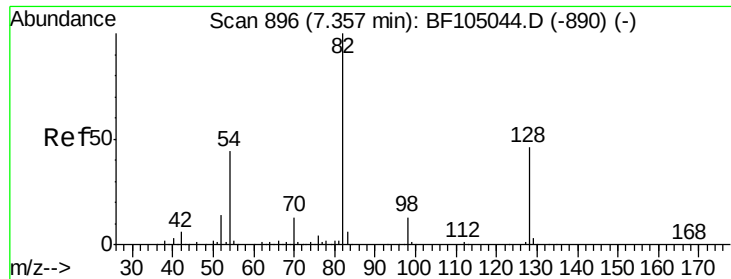
Tot Ion: 70 Resp: 80119
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Tgt Ion: 136 Resp: 431347
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.5 6.6 9.8#
68 5.4 5.0 7.4

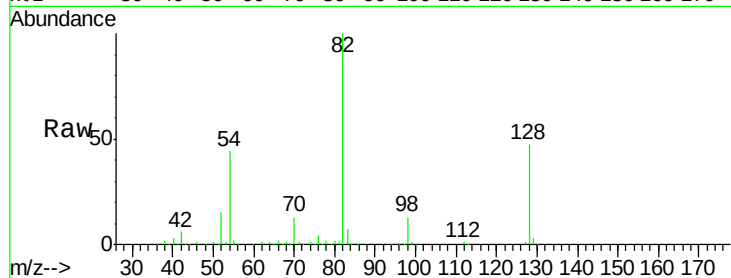




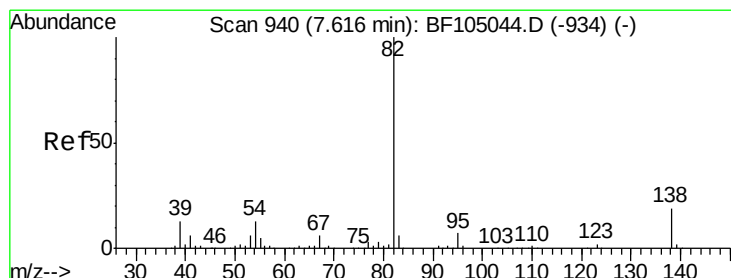
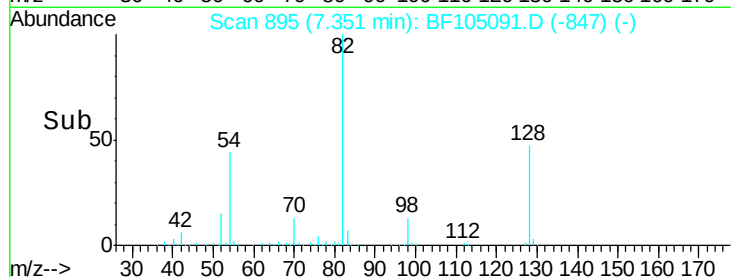
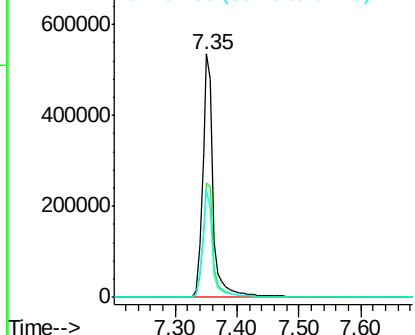
#23
Nitrobenzene-d5
Concen: 97.81 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 646105
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 44.3 41.4 62.2

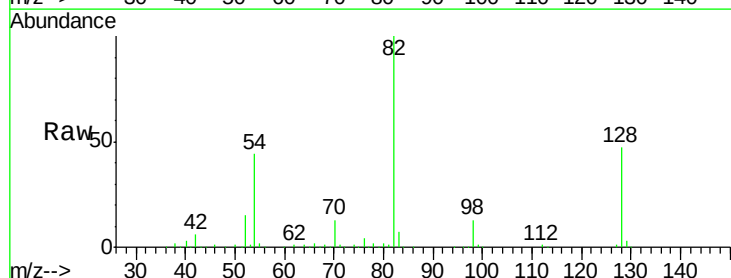


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

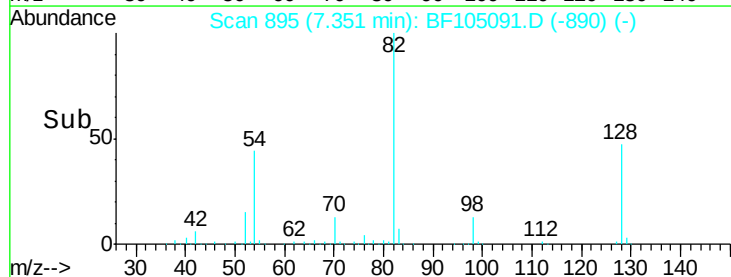
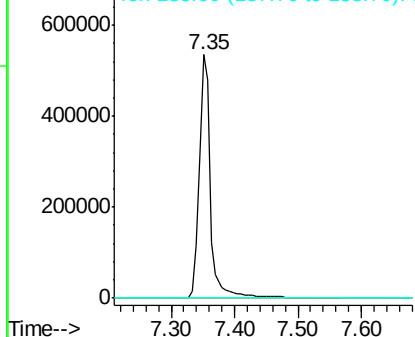


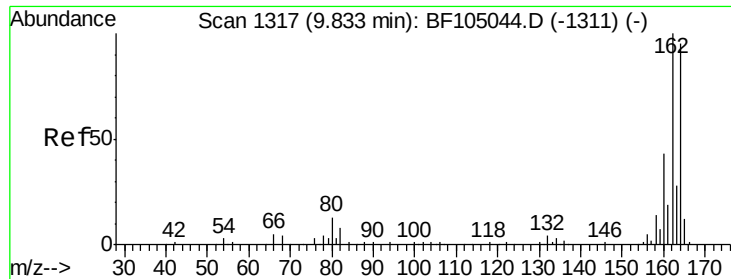
#25
Isophorone
Concen: 46.25 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Tgt Ion: 82 Resp: 646101
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: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

Instrument :

BNA_F

ClientSampleId :

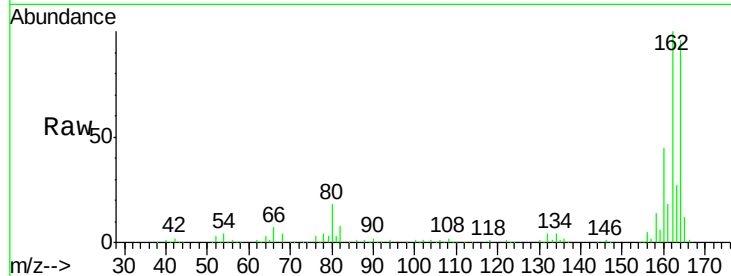
Tot Ion:164 Resp: 177130

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

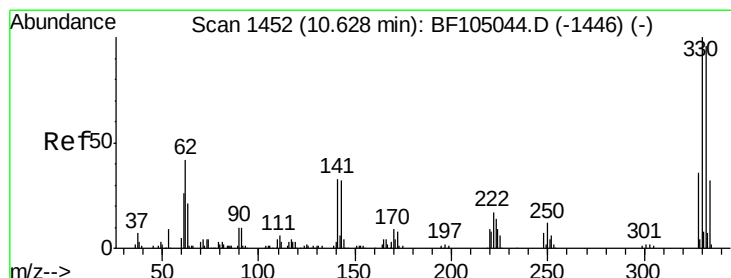
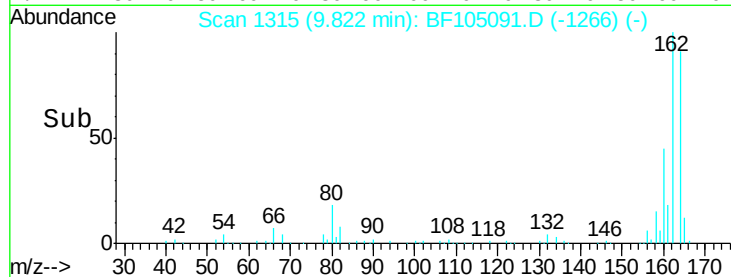
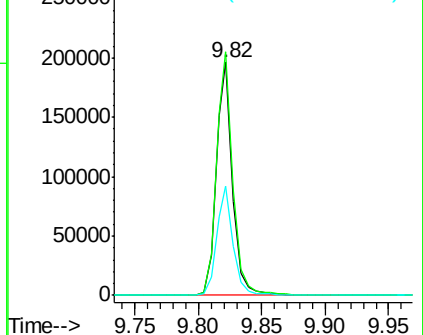
160 46.7 38.3 57.5



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: 119.40 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

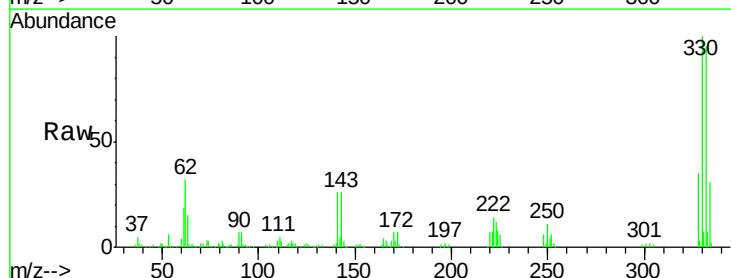
Tgt Ion:330 Resp: 219395

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

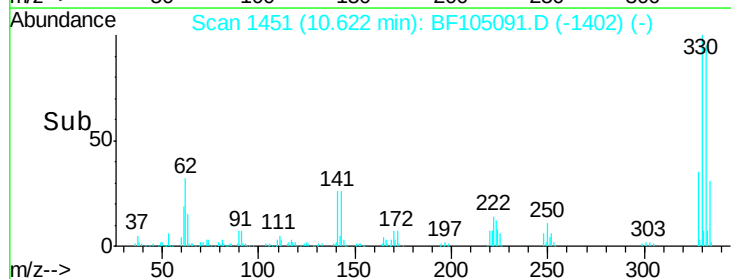
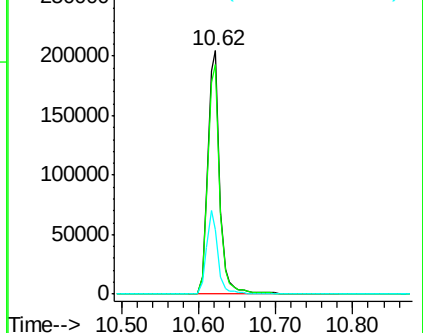
141 32.9 29.9 44.9

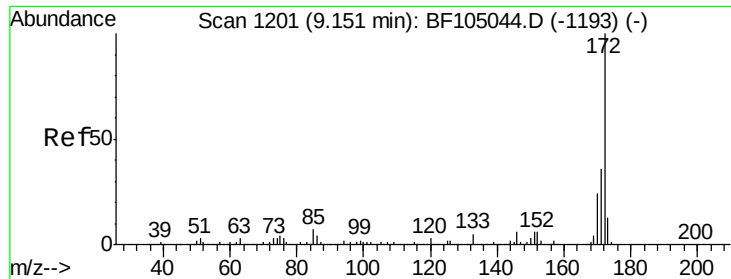


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

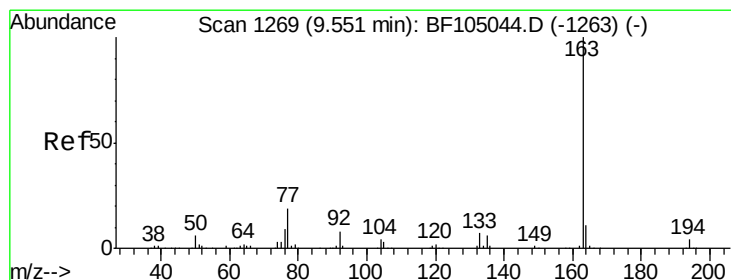
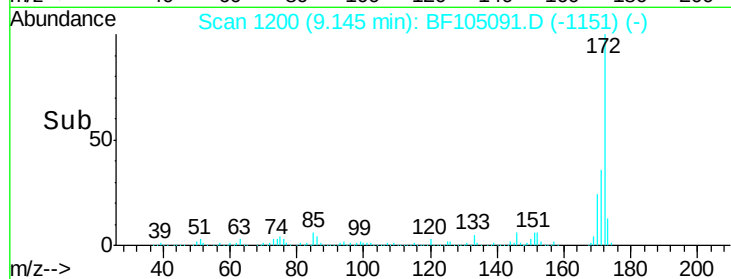
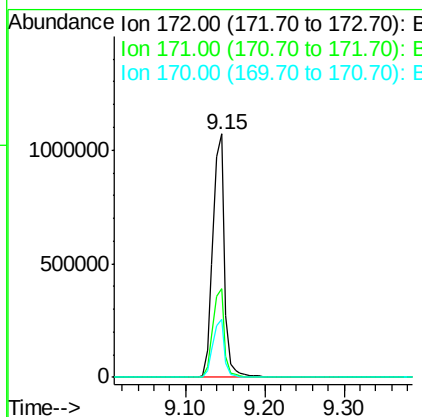
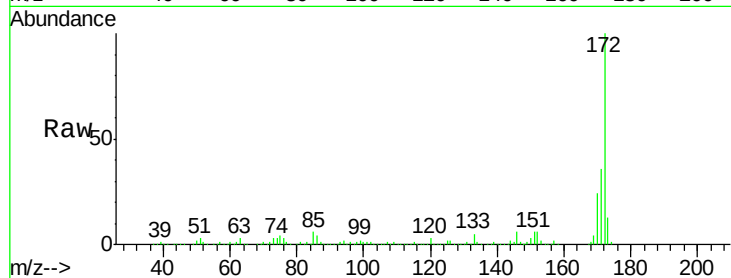




#44
2-Fluorobiphenyl
Concen: 98.06 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

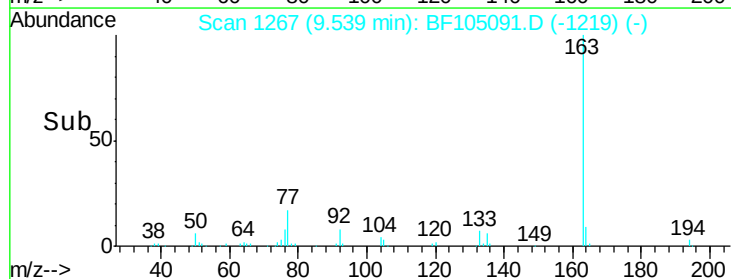
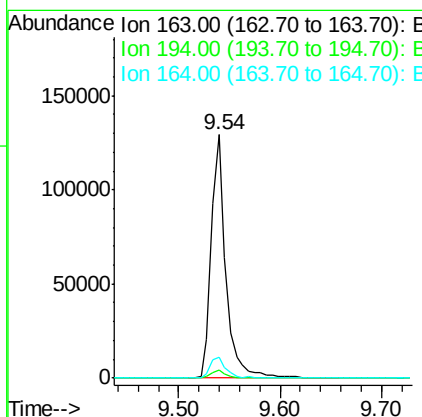
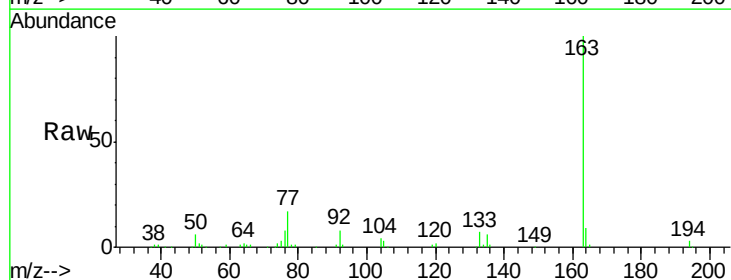
Instrument :
BNA_F
ClientSampled :

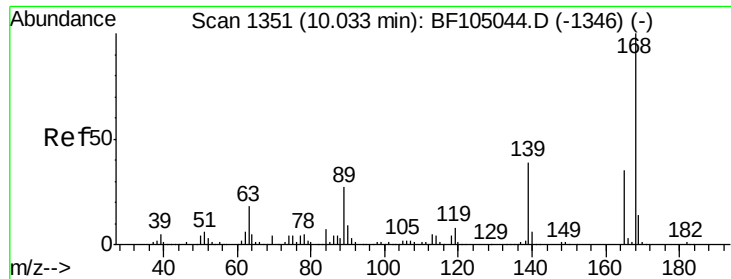
Tot Ion:172 Resp: 1099529
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 9.29 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Tgt Ion:163 Resp: 129731
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 8.8 8.2 12.2

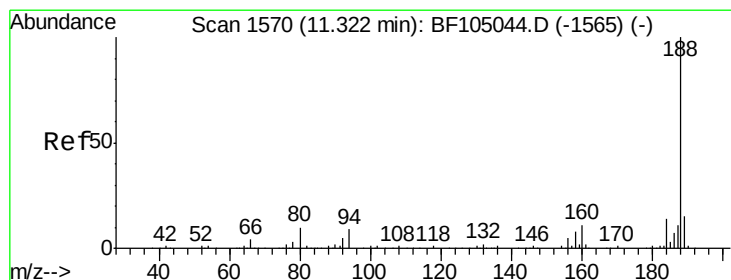
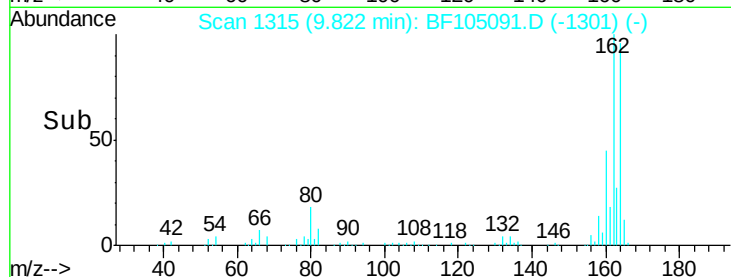
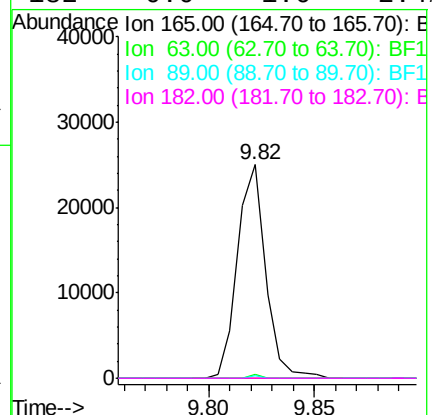
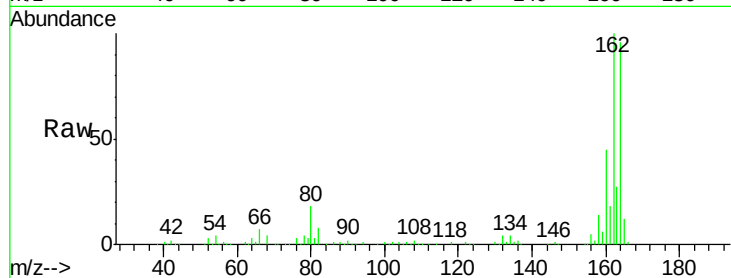




#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF105091.D
 Acq: 3 May 2018 23:40

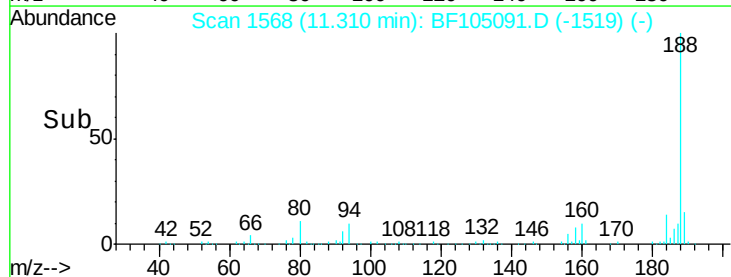
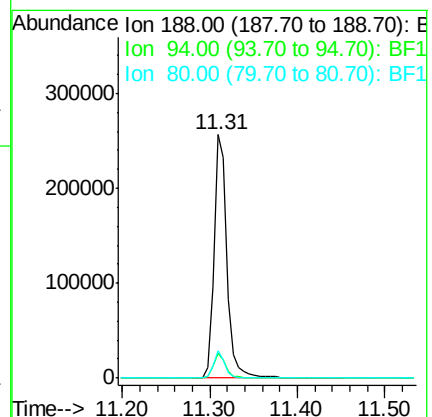
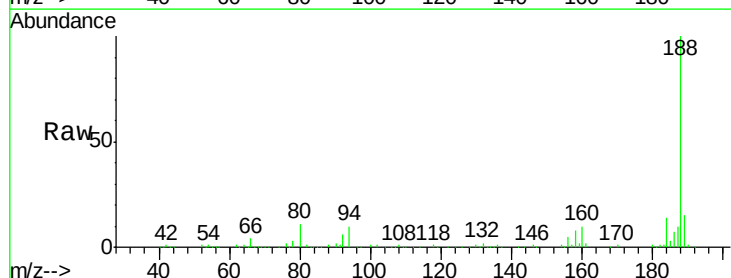
Instrument :
 BNA_F
 ClientSampleId :

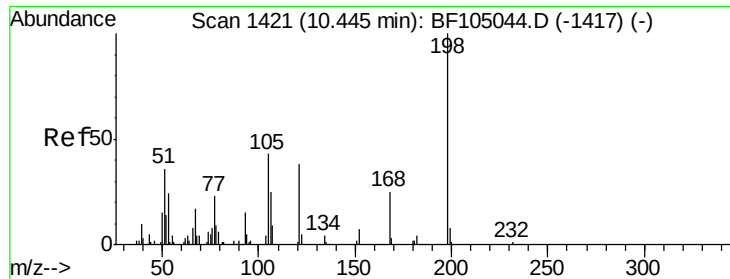
Tot Ion:165 Resp: 22946
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105091.D
 Acq: 3 May 2018 23:40

Tgt Ion:188 Resp: 262267
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.4 9.2 13.8

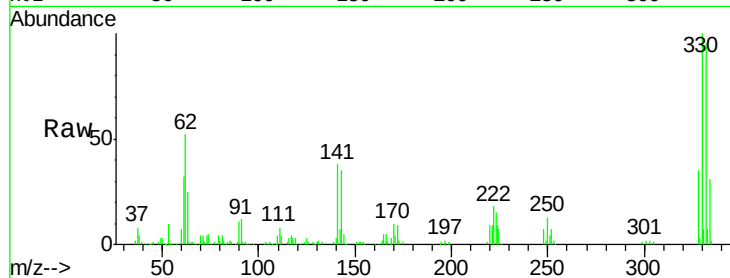




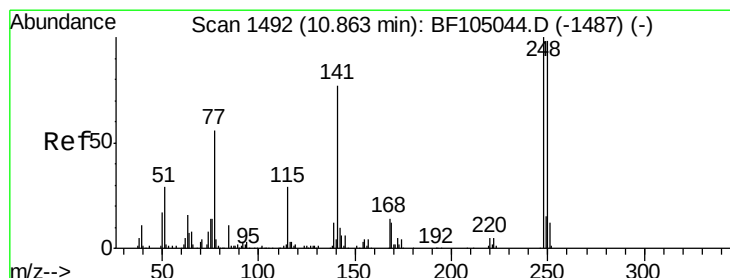
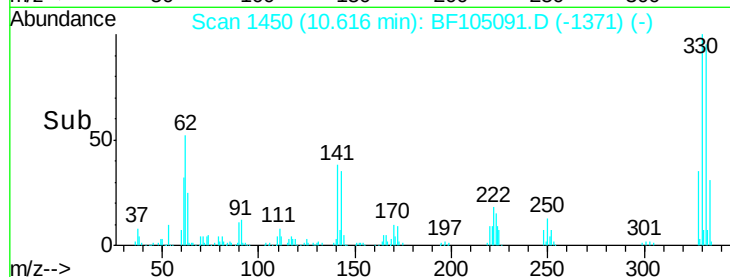
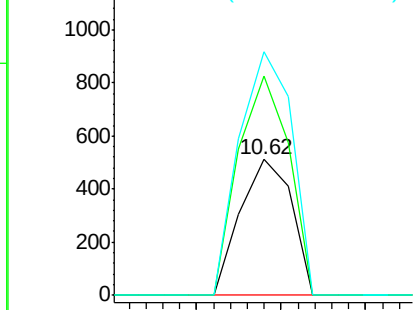
#64
4,6-Dinitro-2-methylphenol
Concen: 7.63 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.16 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 434
Ion Ratio Lower Upper
198 100
51 161.8 37.7 77.7#
105 179.8 36.3 76.3#

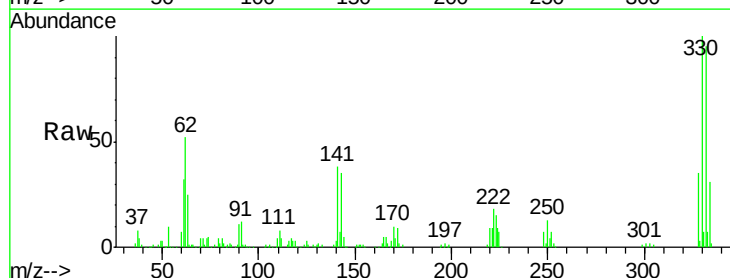


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

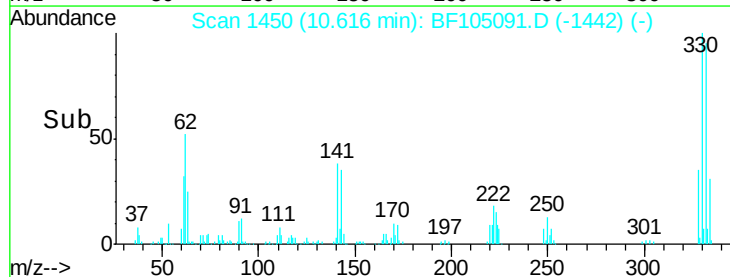
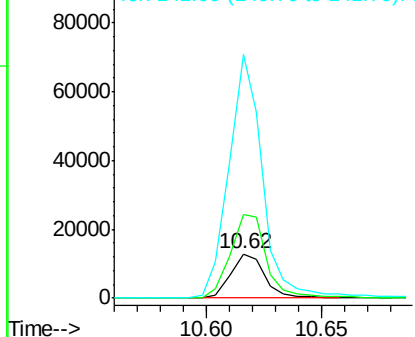


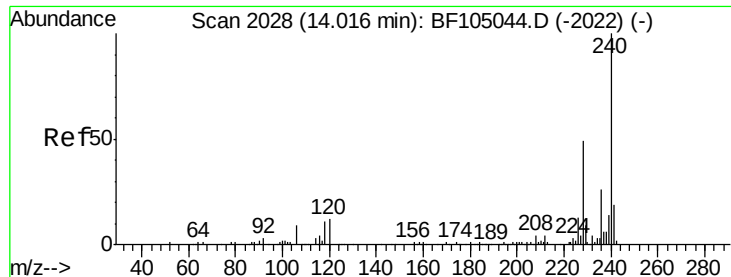
#66
4-Bromophenyl-phenylether
Concen: 4.73 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Tgt Ion:248 Resp: 13191
Ion Ratio Lower Upper
248 100
250 190.0 76.9 115.3#
141 552.4 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: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

Instrument :

BNA_F

ClientSampleId :

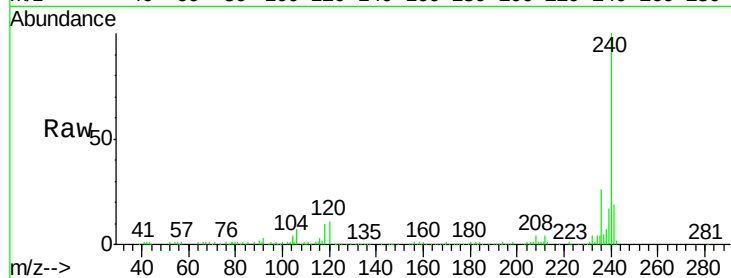
Tot Ion:240 Resp: 179906

Ion Ratio Lower Upper

240 100

120 11.1 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

14.02

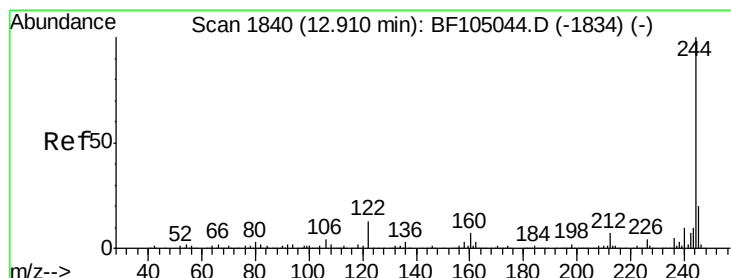
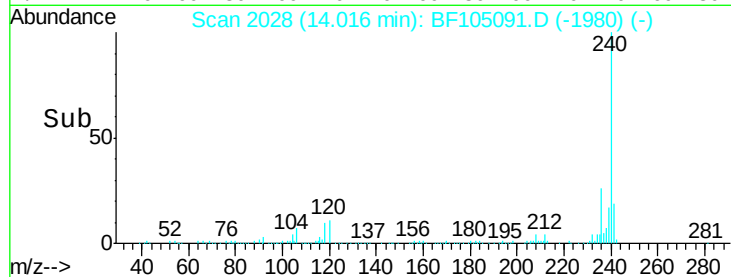
150000

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 98.98 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105091.D

Acq: 3 May 2018 23:40

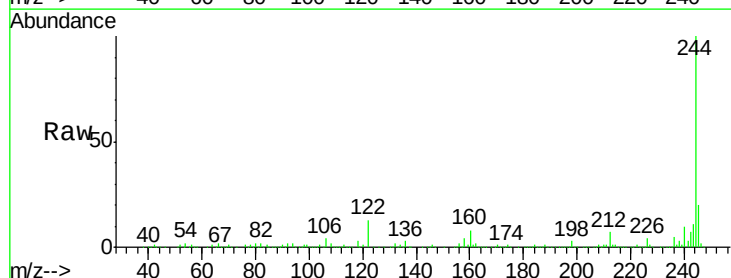
Tgt Ion:244 Resp: 781099

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 13.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.90

1000000

800000

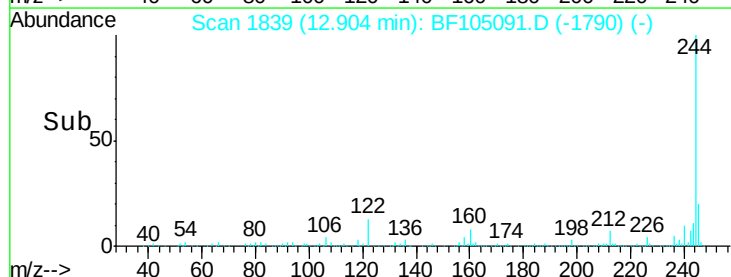
600000

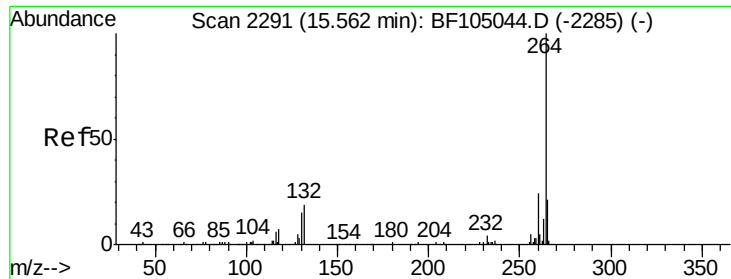
400000

200000

0

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BF105091.D
Acq: 3 May 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

