

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105089.D
 Acq On : 3 May 2018 22:46
 Operator : JU/SJ
 Sample : J2669-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 02:00:49 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

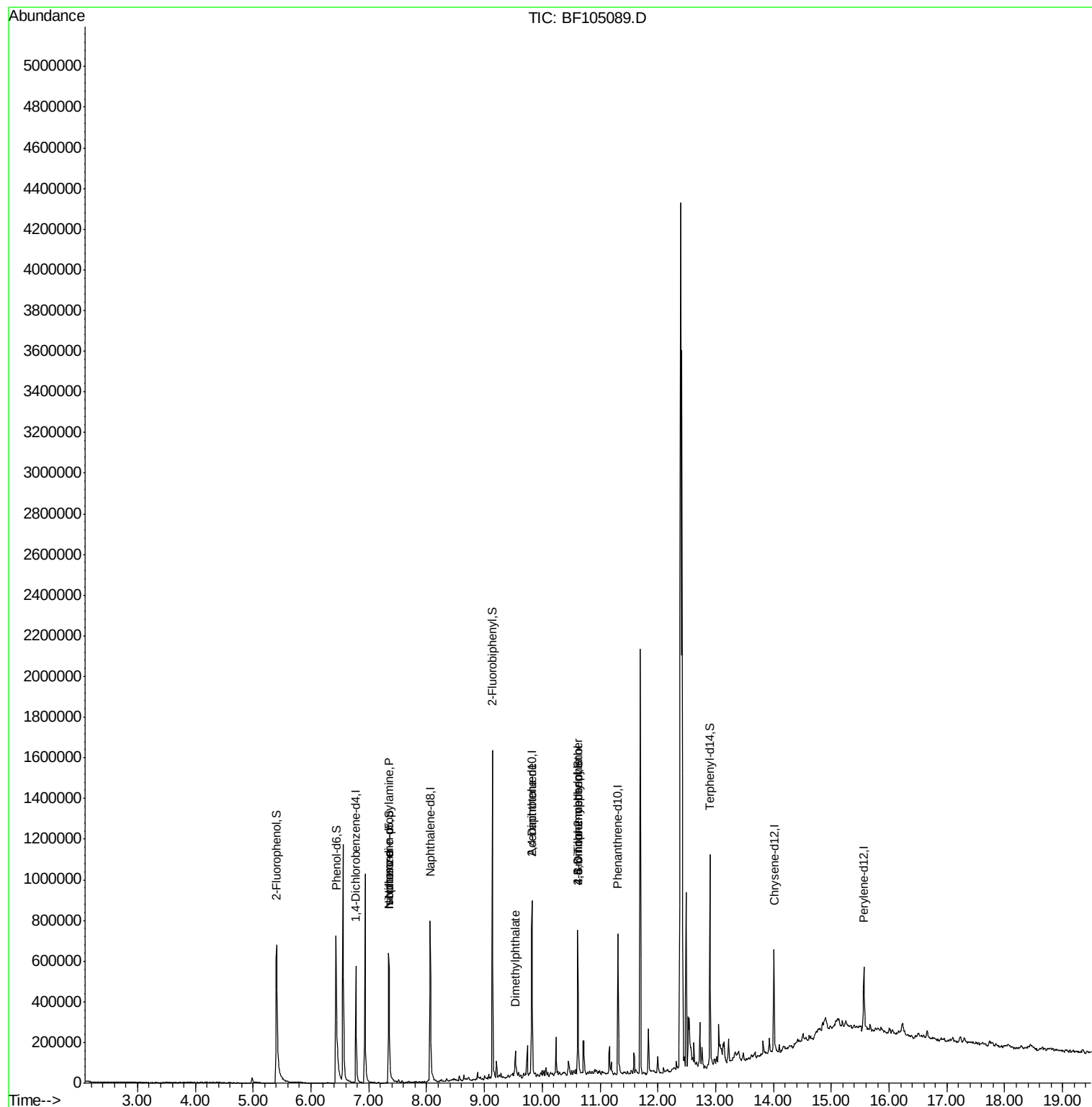
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	108085	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	434964	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	176468	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	258089	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	187941	20.00	ng	-0.02
86) Perylene-d12	15.56	264	132425	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	387976	54.89	ng	0.00
7) Phenol-d6	6.43	99	484908	55.83	ng	0.00
23) Nitrobenzene-d5	7.35	82	279852	42.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	94433	51.59	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	520459	46.59	ng	-0.02
78) Terphenyl-d14	12.90	244	354289	42.98	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	35982	6.34	ng	# 74
25) Isophorone	7.35	82	279850	19.87	ng	# 64
49) Dimethylphthalate	9.54	163	52878	3.80	ng	# 98
56) 2,4-Dinitrotoluene	9.82	165	23256	6.89	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.62	198	108	7.42	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	5718	2.08	ng	# 1
76) Benzidine	12.42	184	531	Below Cal		# 1

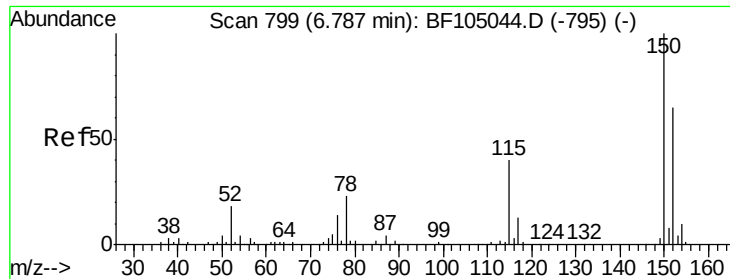
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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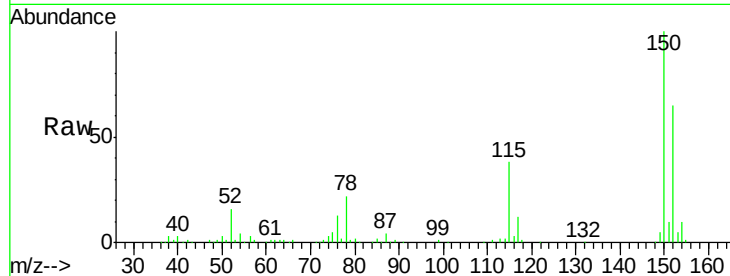


#1

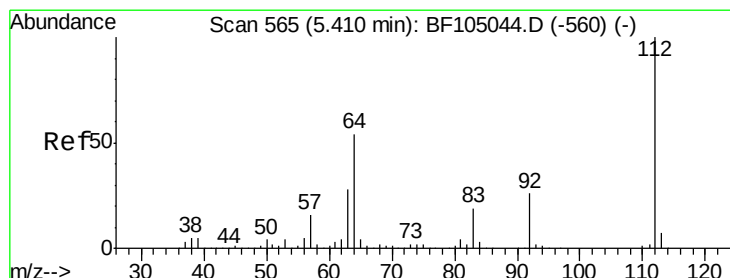
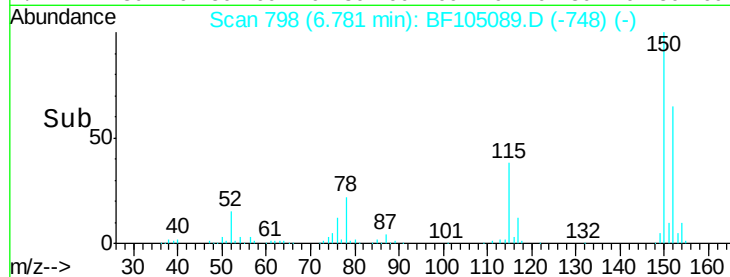
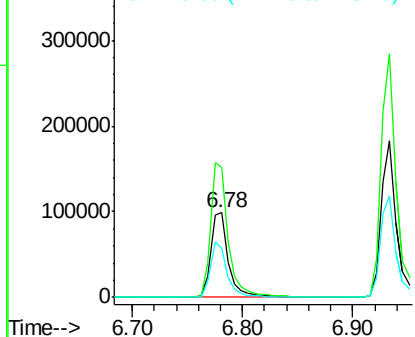
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF105089.D
 Acq: 3 May 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 108085
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 57.6 50.1 75.1



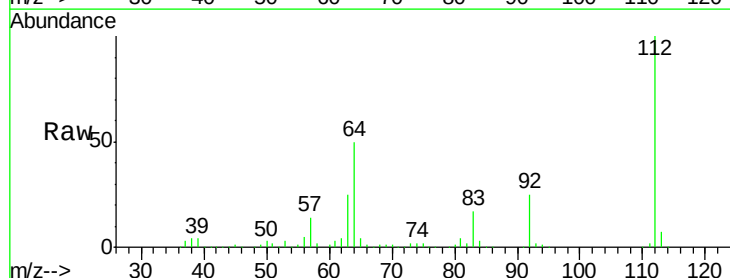
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



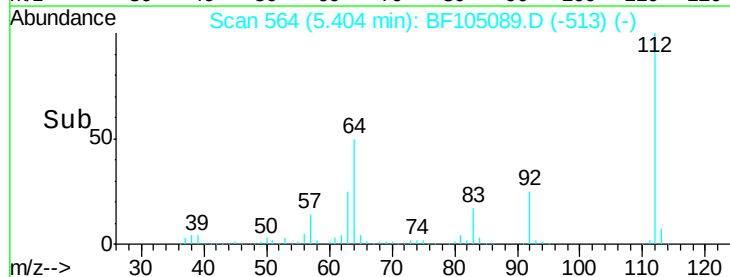
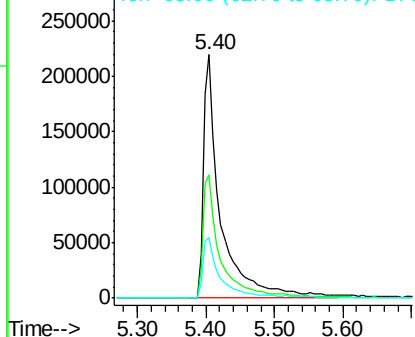
#5

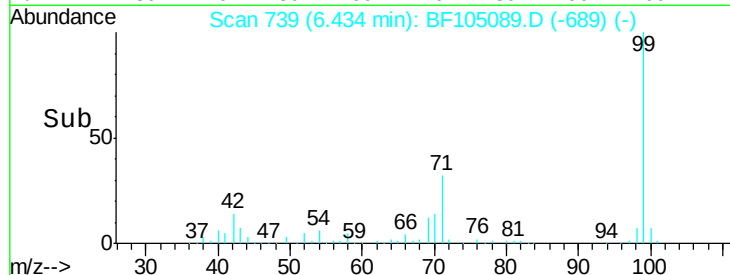
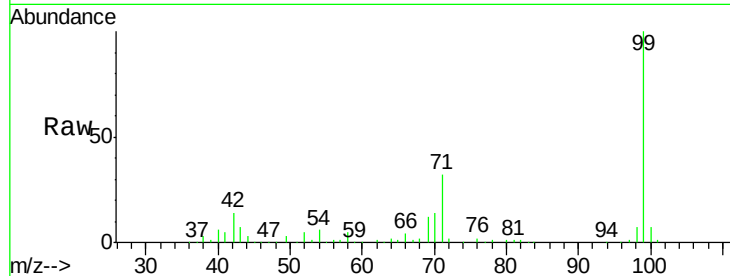
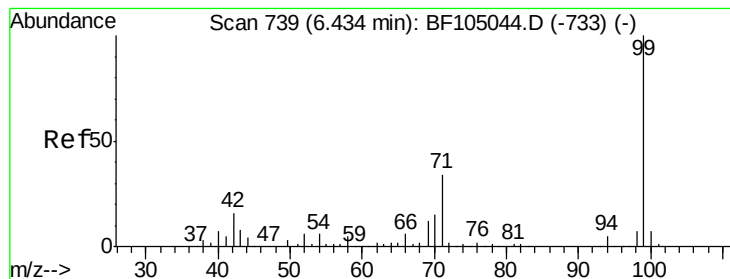
2-Fluorophenol
 Concen: 54.89 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF105089.D
 Acq: 3 May 2018 22:46

Tgt Ion:112 Resp: 387976
 Ion Ratio Lower Upper
 112 100
 64 50.4 47.9 71.9
 63 24.8 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: 55.83 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105089.D

Acq: 3 May 2018 22:46

Instrument :

BNA_F

ClientSampleId :

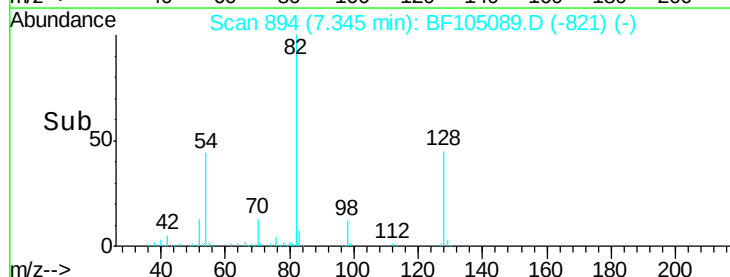
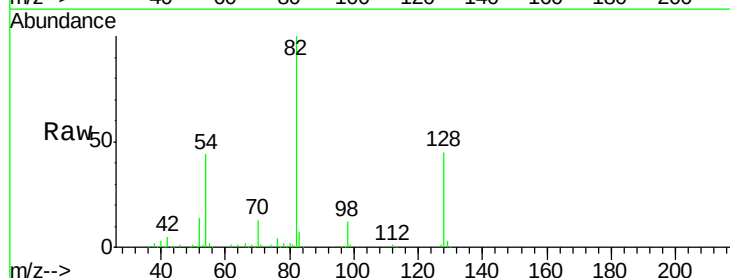
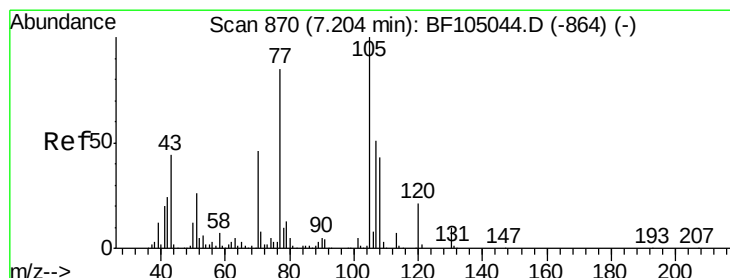
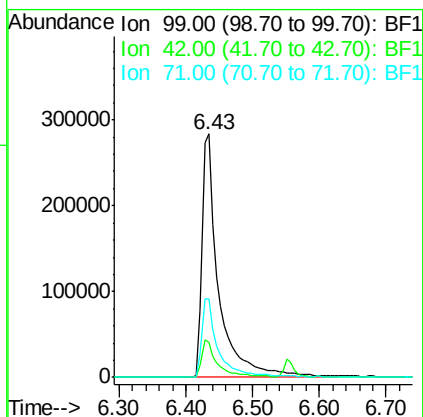
Tot Ion: 99 Resp: 484908

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.34 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.13 min

Lab File: BF105089.D

Acq: 3 May 2018 22:46

Tgt Ion: 70 Resp: 35982

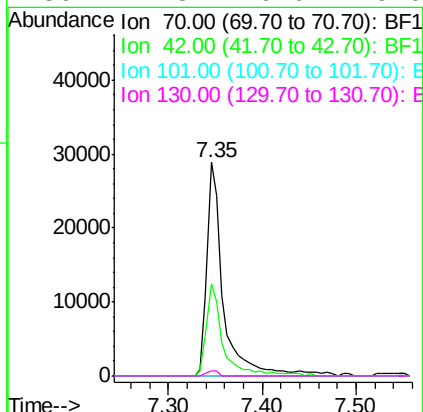
Ion Ratio Lower Upper

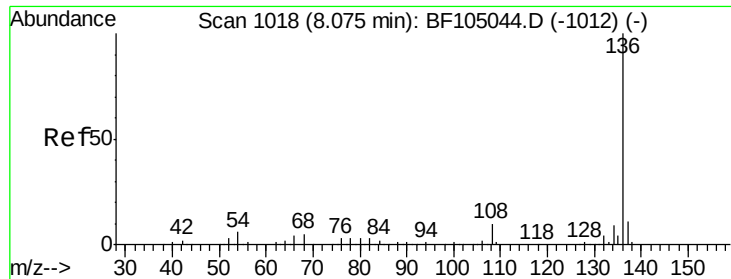
70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

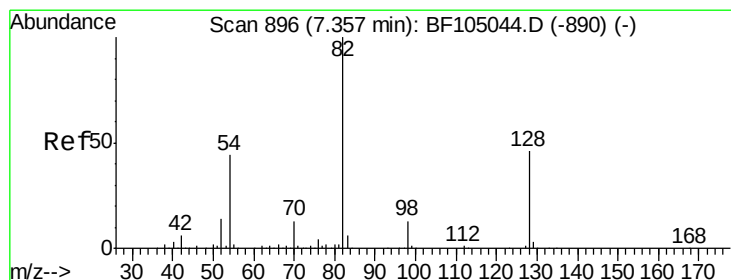
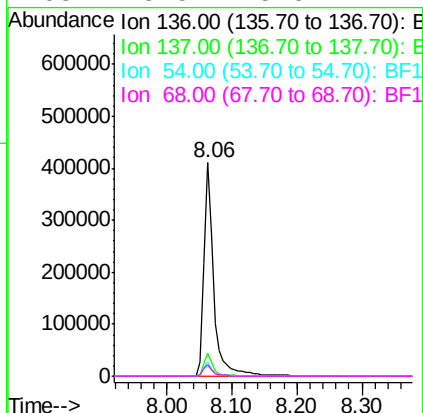
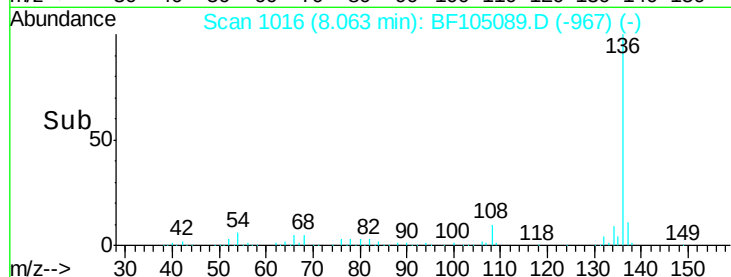
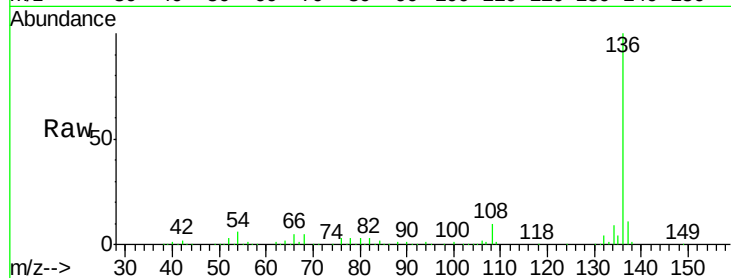




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105089.D
Acq: 3 May 2018 22:46

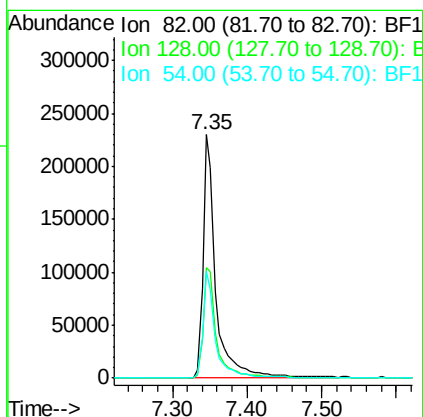
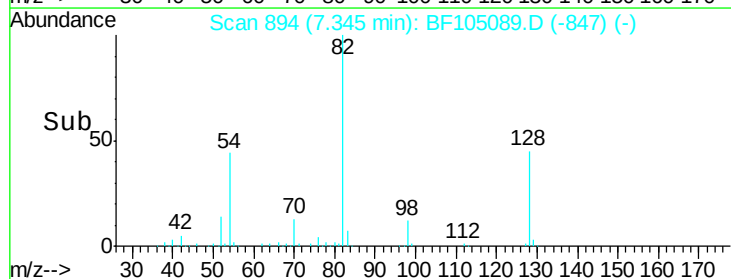
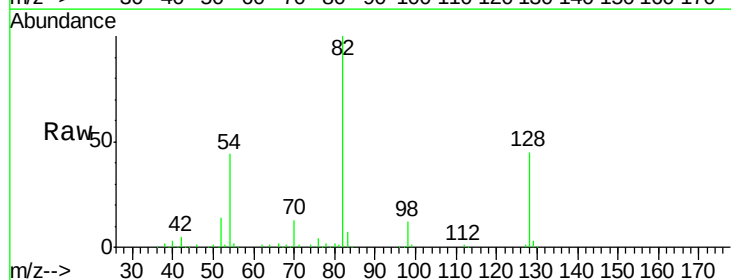
Instrument :
BNA_F
ClientSampleId :

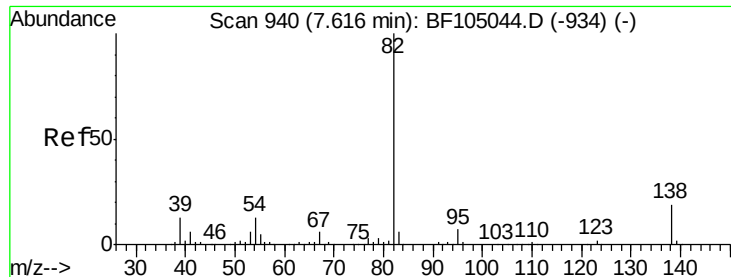
Tot Ion:136	Resp:	434964
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.4	6.6 9.8#
68	5.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 42.01 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF105089.D
Acq: 3 May 2018 22:46

Tgt Ion: 82	Resp:	279852
Ion Ratio	Lower	Upper
82	100	
128	45.4	36.1 54.1
54	44.0	41.4 62.2





#25

Isophorone

Concen: 19.87 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.28 min

Lab File: BF105089.D

Acq: 3 May 2018 22:46

Instrument :

BNA_F

ClientSampleId :

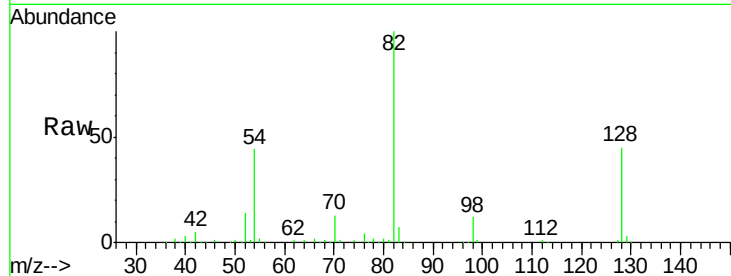
Tot Ion: 82 Resp: 279850

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

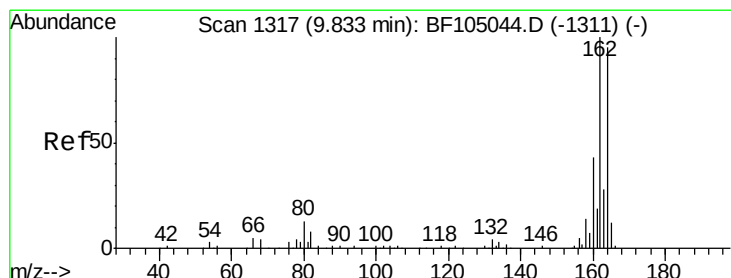
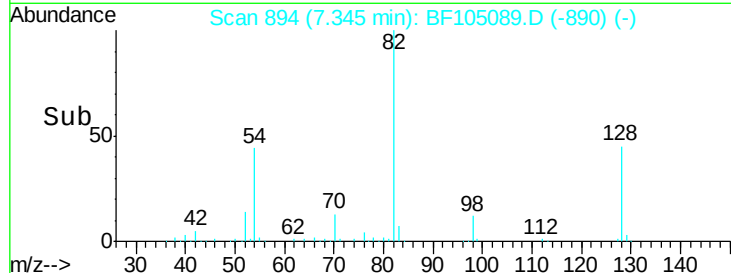
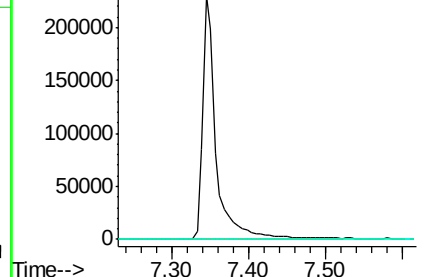
138 0.0 14.9 22.3#



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: BF105089.D

Acq: 3 May 2018 22:46

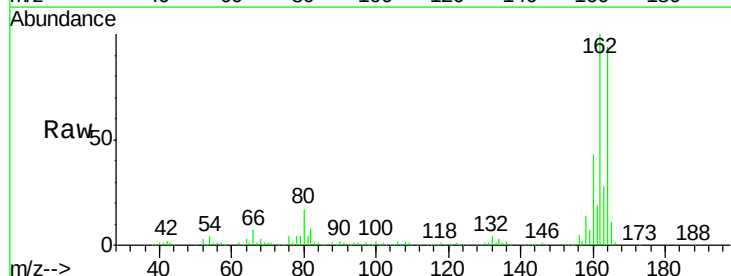
Tgt Ion: 164 Resp: 176468

Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

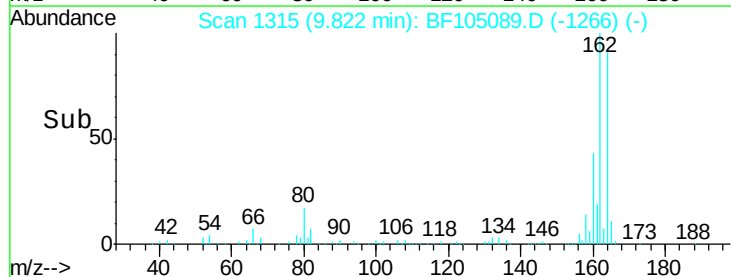
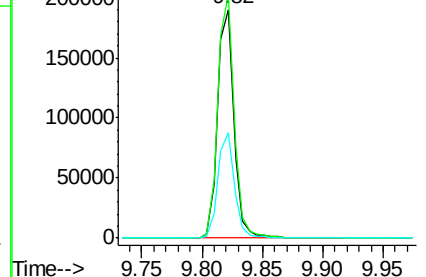
160 46.1 38.3 57.5

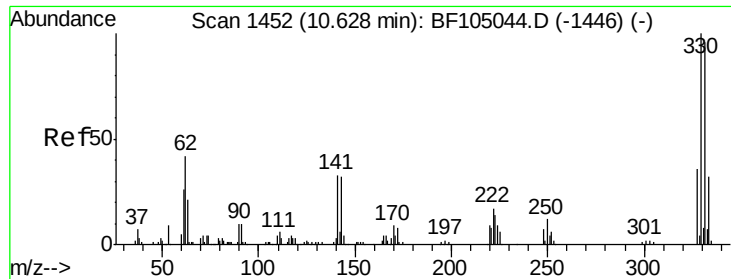


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

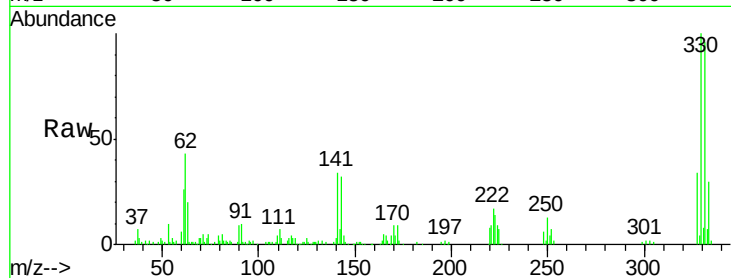




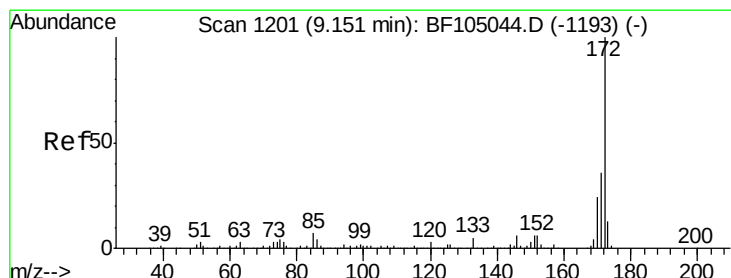
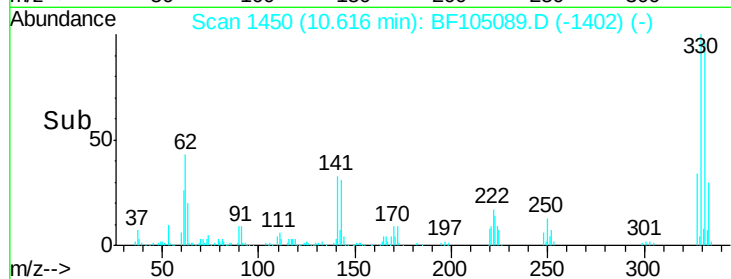
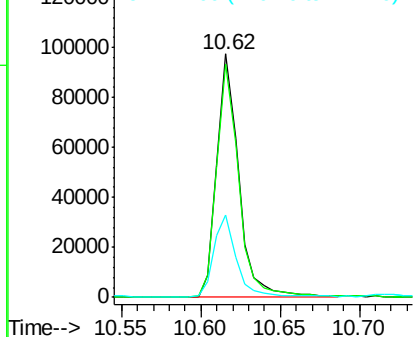
#41
 2,4,6-Tribromophenol
 Concen: 51.59 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF105089.D
 Acq: 3 May 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 94433
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 36.4 29.9 44.9

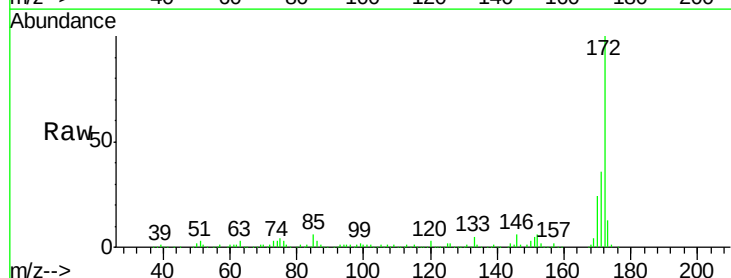


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

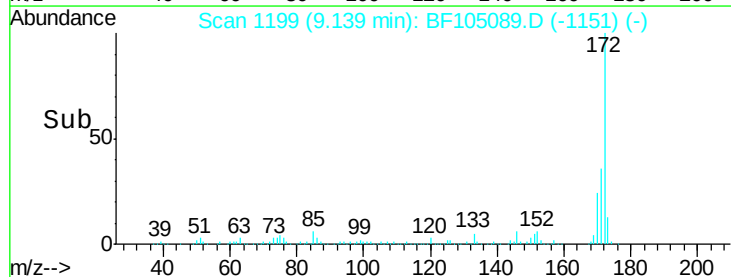
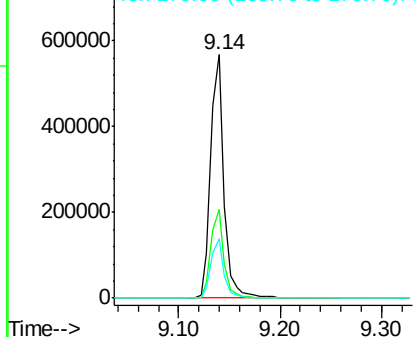


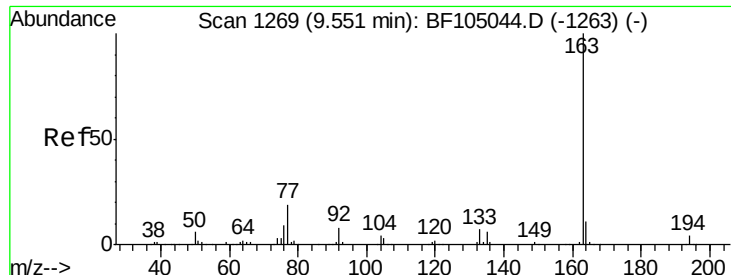
#44
 2-Fluorobiphenyl
 Concen: 46.59 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105089.D
 Acq: 3 May 2018 22:46

Tgt Ion:172 Resp: 520459
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 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

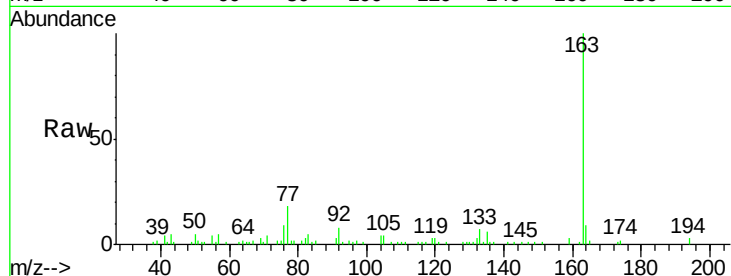




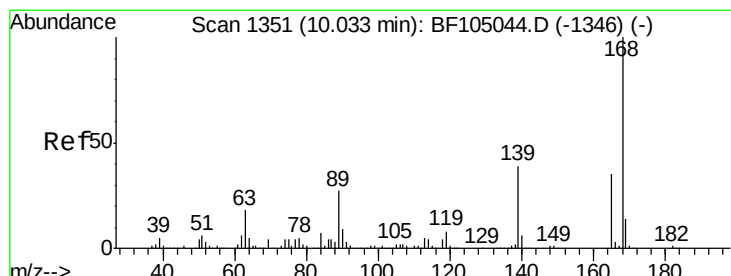
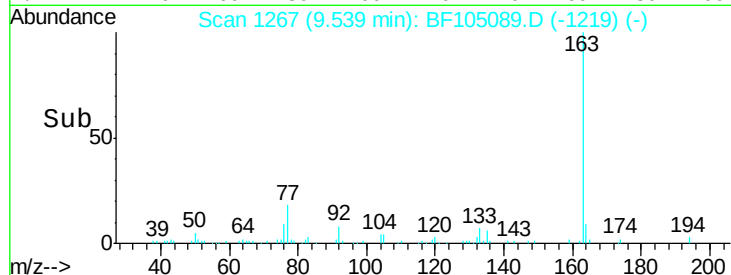
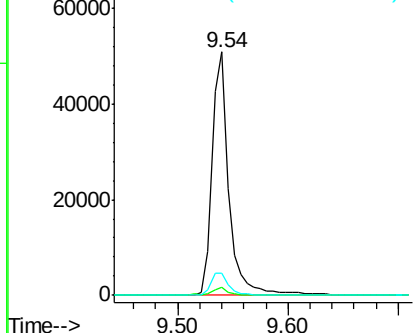
#49
Dimethylphthalate
Concen: 3.80 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105089.D
Acq: 3 May 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 52878
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.2 8.2 12.2

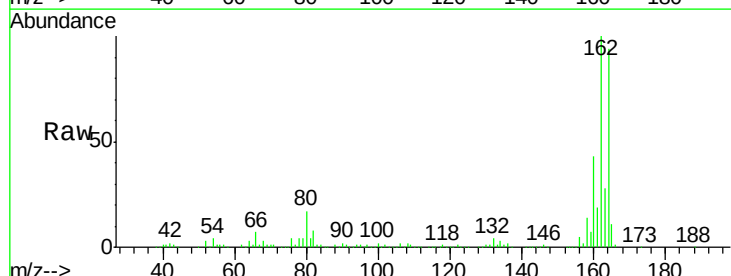


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

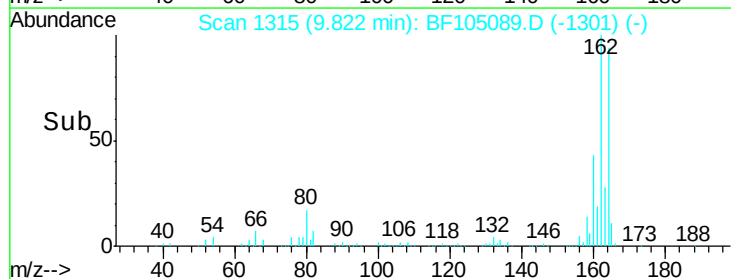
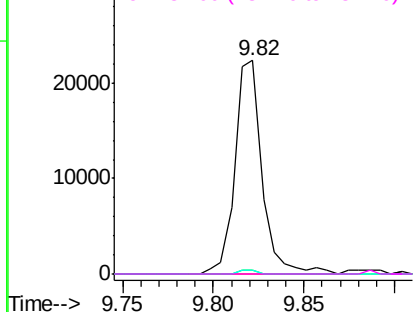


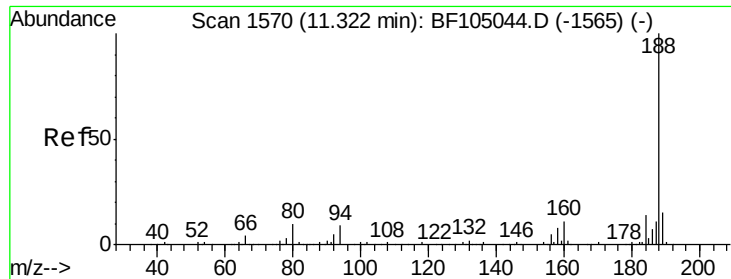
#56
2,4-Dinitrotoluene
Concen: 6.89 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF105089.D
Acq: 3 May 2018 22:46

Tgt Ion:165 Resp: 23256
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF105089.D

Acq: 3 May 2018 22:46

Instrument :

BNA_F

ClientSampleId :

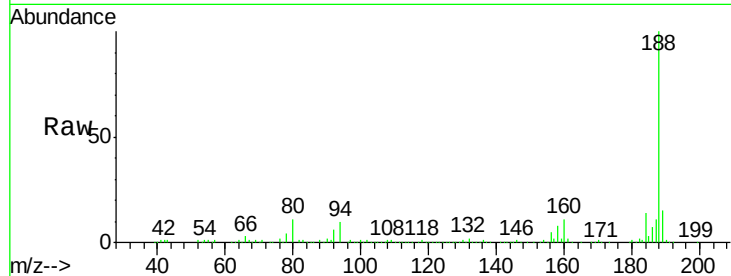
Tot Ion:188 Resp: 258089

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

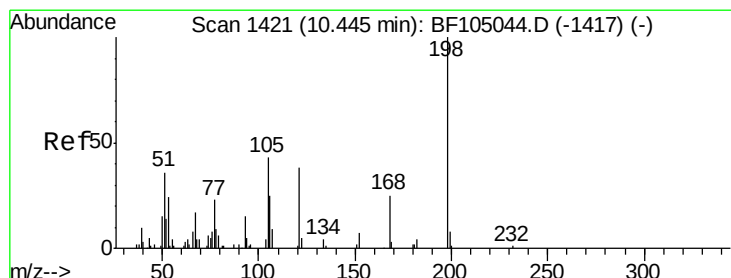
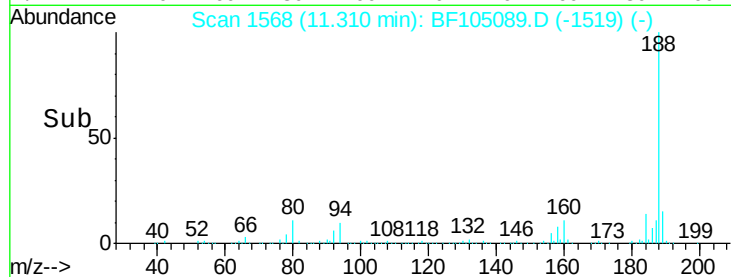
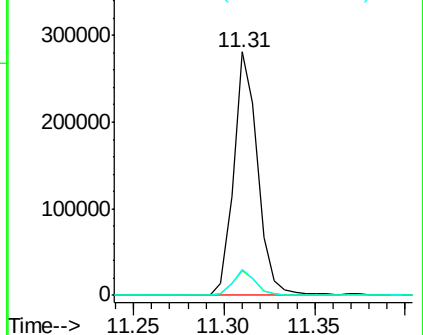
80 10.6 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 7.42 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.16 min

Lab File: BF105089.D

Acq: 3 May 2018 22:46

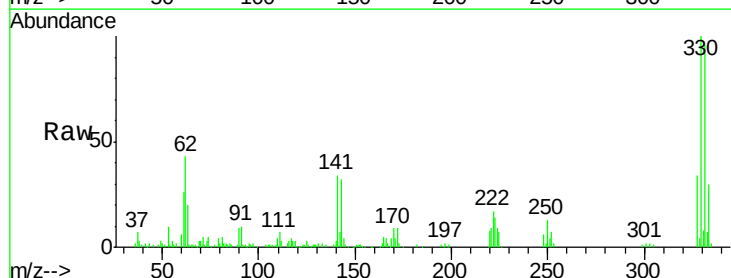
Tgt Ion:198 Resp: 108

Ion Ratio Lower Upper

198 100

51 171.3 37.7 77.7#

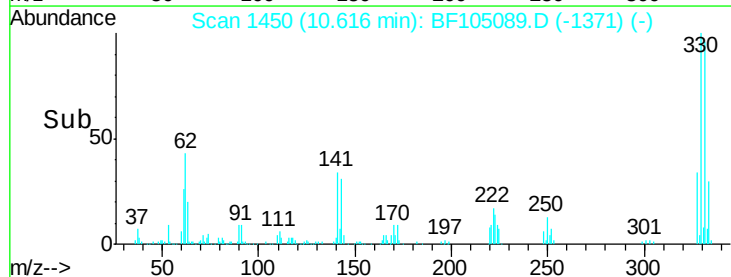
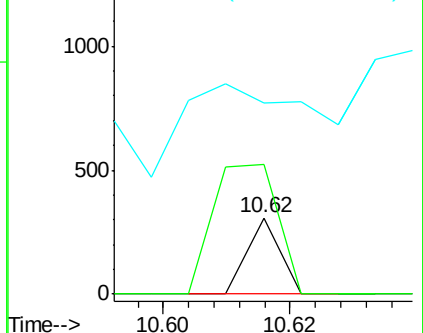
105 251.8 36.3 76.3#

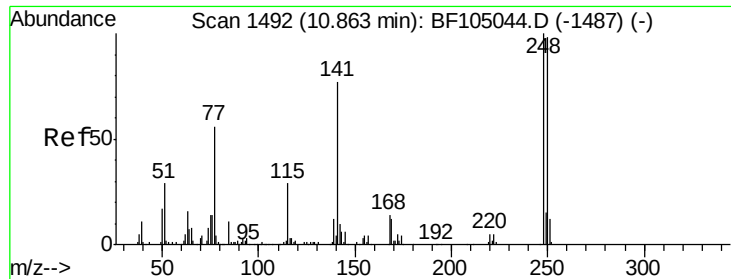


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

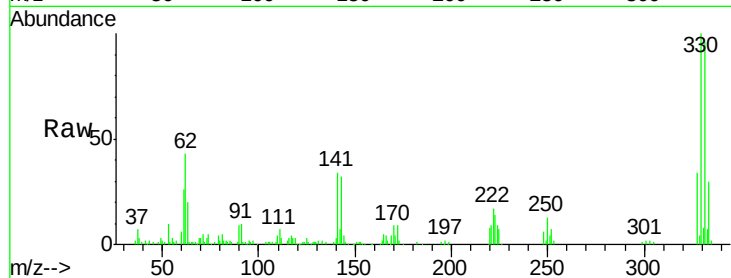




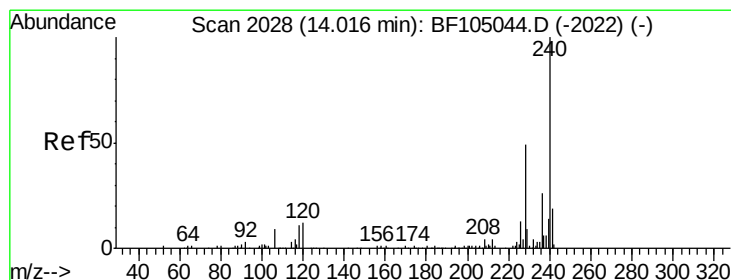
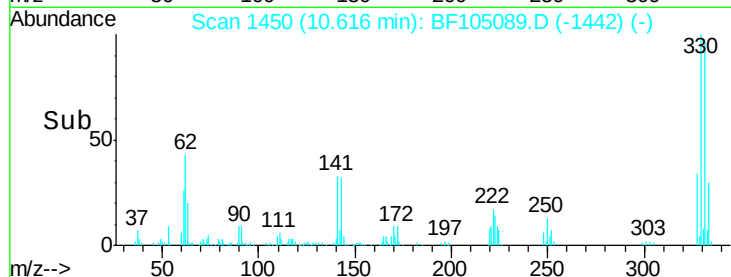
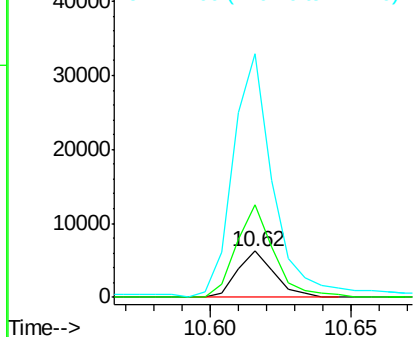
#66
4-Bromophenyl-phenylether
Concen: 2.08 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105089.D
Acq: 3 May 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5718
Ion Ratio Lower Upper
248 100
250 200.6 76.9 115.3#
141 525.2 74.4 111.6#

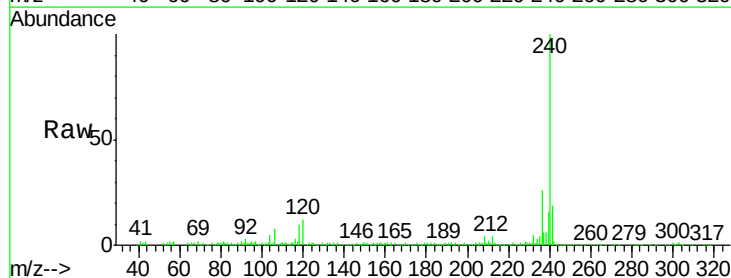


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

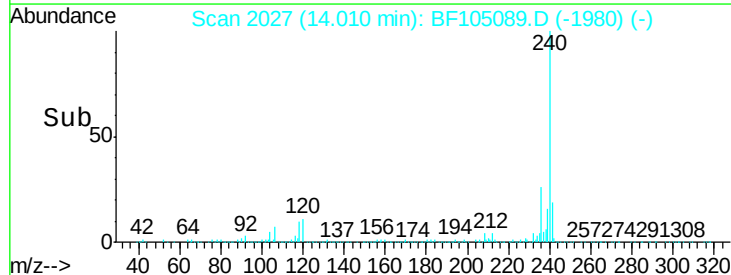
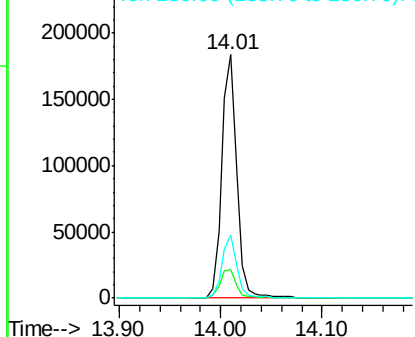


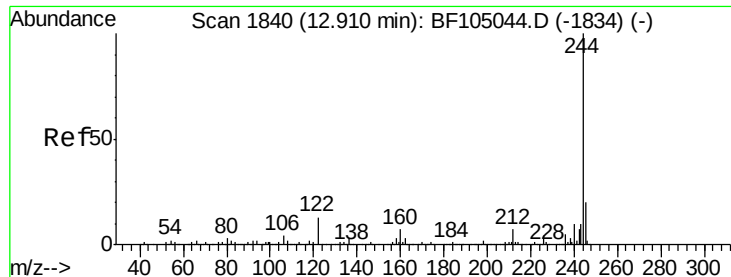
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF105089.D
Acq: 3 May 2018 22:46

Tgt Ion:240 Resp: 187941
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.9 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: 42.98 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105089.D

Acq: 3 May 2018 22:46

Instrument :

BNA_F

ClientSampleId :

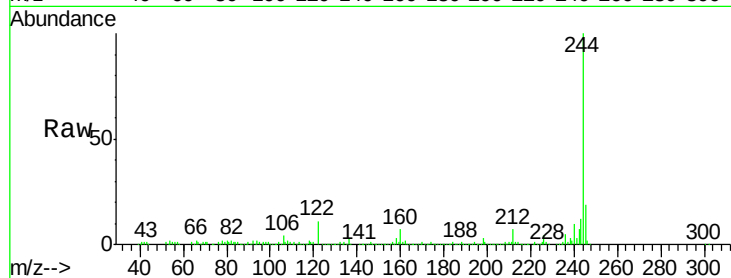
Tot Ion:244 Resp: 354289

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

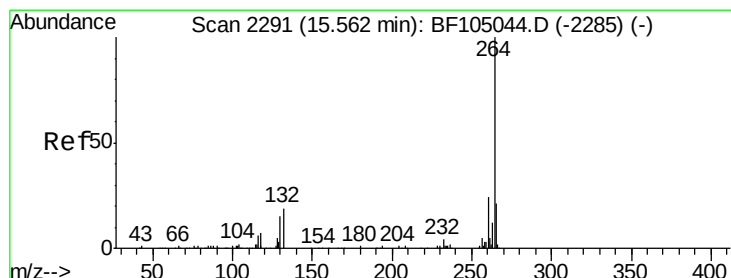
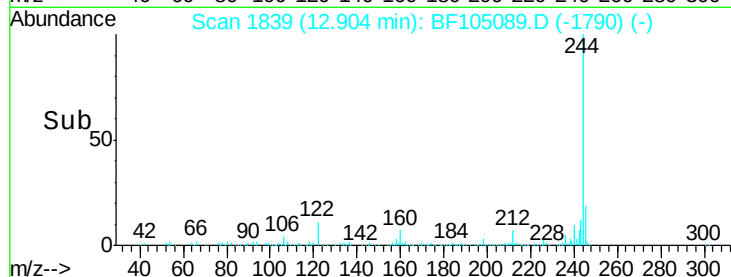
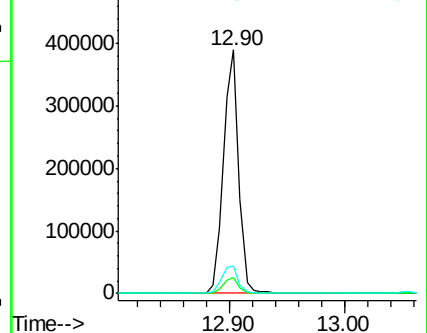
122 11.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.03 min

Lab File: BF105089.D

Acq: 3 May 2018 22:46

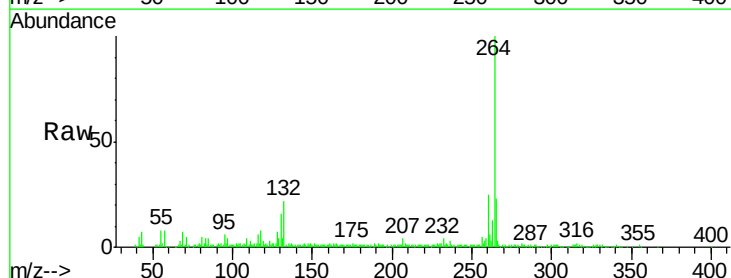
Tgt Ion:264 Resp: 132425

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.8 17.5 26.3



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

