

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102825.D
 Acq On : 7 Feb 2018 20:20
 Operator : SJ/JU
 Sample : J1473-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:19:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	188195	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	756941	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	324157	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	492394	20.00	ng	0.00
75) Chrysene-d12	14.04	240	356653	20.00	ng	0.00
86) Perylene-d12	15.53	264	321624	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	710513	57.34	ng	0.00
7) Phenol-d6	6.50	99	847333	56.79	ng	0.00
23) Nitrobenzene-d5	7.44	82	505515	46.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	159212	61.02	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	825409	42.25	ng	0.00
78) Terphenyl-d14	12.99	244	587994	39.04	ng	0.00

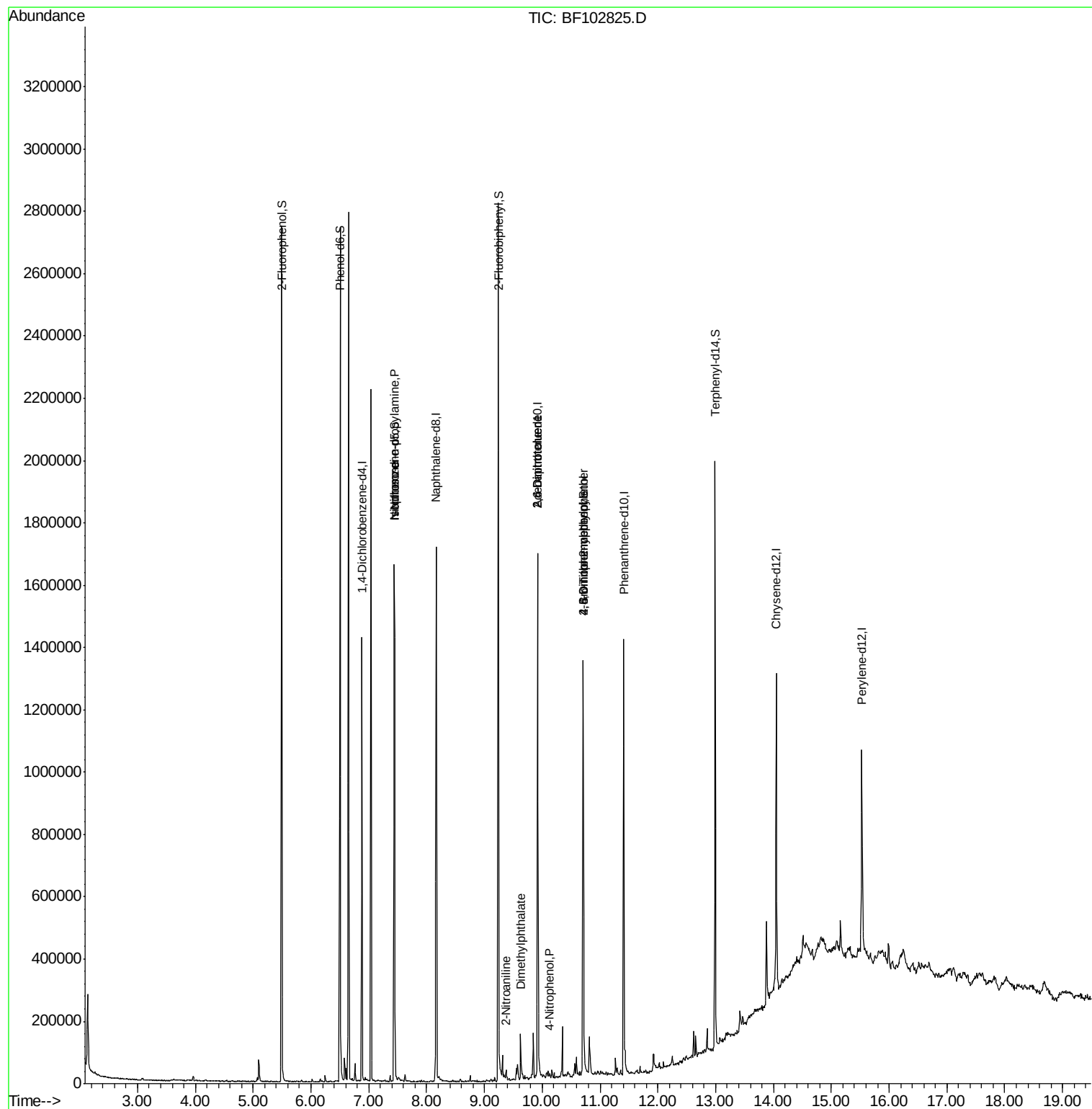
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	68616	6.97	ng	# 80
25) Isophorone	7.44	82	505508	20.12	ng	# 64
47) 2-Nitroaniline	9.37	65	292	3.51	ng	# 12
49) Dimethylphthalate	9.63	163	53763	2.13	ng	98
50) 2,6-Dinitrotoluene	9.92	165	40995	8.53	ng	# 26
55) 4-Nitrophenol	10.12	139	288	4.08	ng	# 70
56) 2,4-Dinitrotoluene	9.92	165	40995	9.02	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	231	8.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	10507	2.02	ng	# 1

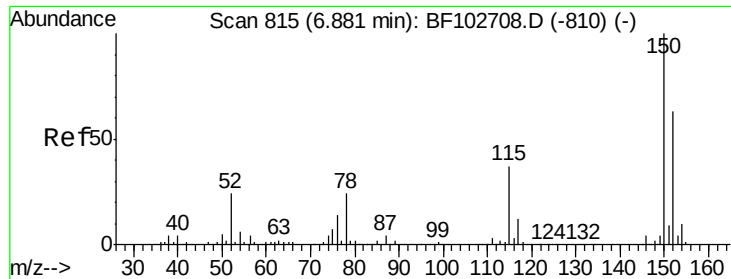
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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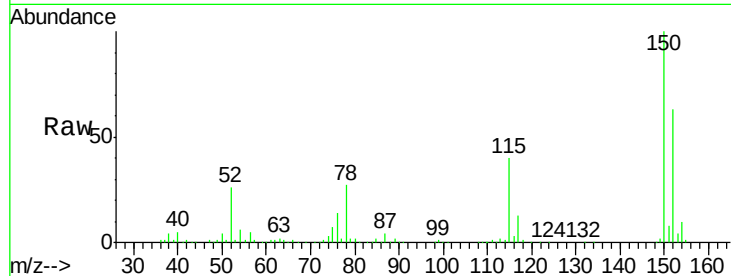


#1

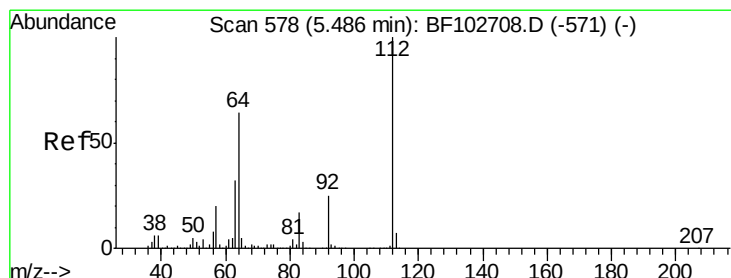
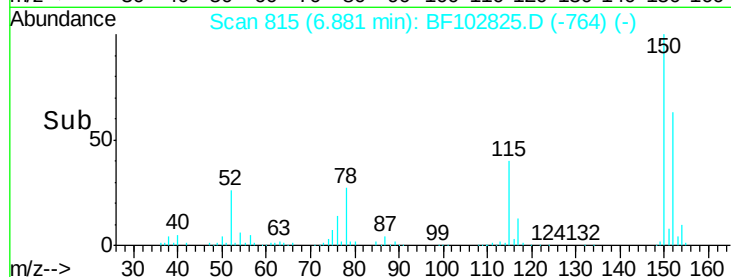
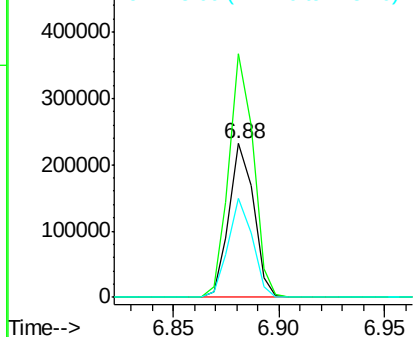
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102825.D
Acq: 7 Feb 2018 20:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	64.0	50.1	75.1



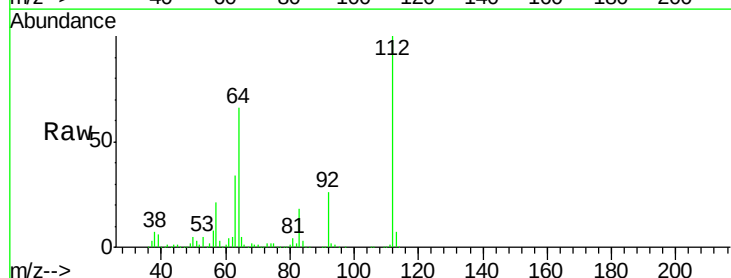
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



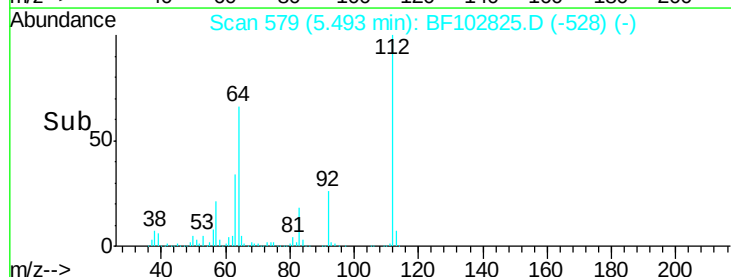
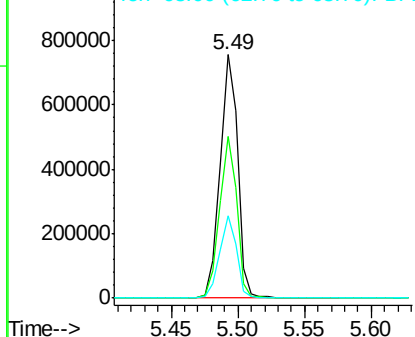
#5

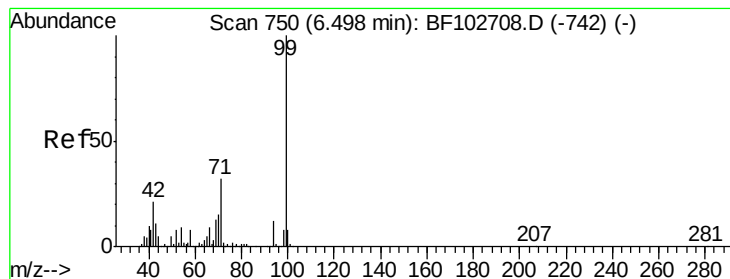
2-Fluorophenol
Concen: 57.34 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF102825.D
Acq: 7 Feb 2018 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	33.8	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: 56.79 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102825.D

Acq: 7 Feb 2018 20:20

Instrument :

BNA_F

ClientSampleId :

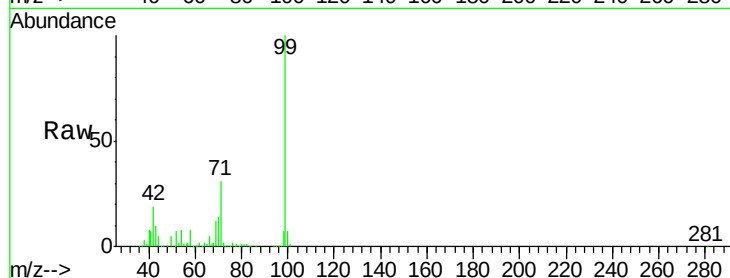
Tot Ion: 99 Resp: 847333

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

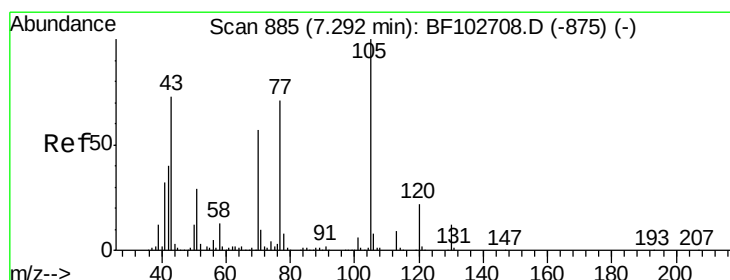
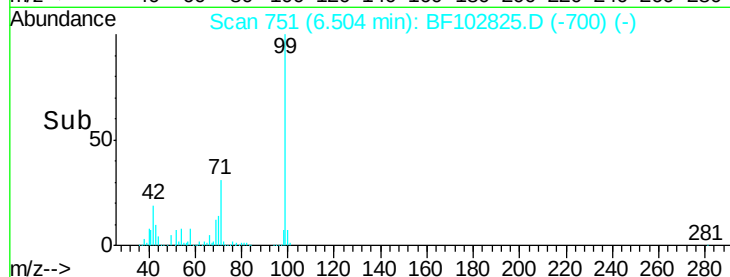
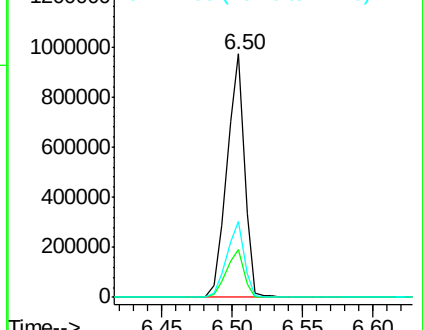
71 31.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.97 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF102825.D

Acq: 7 Feb 2018 20:20

Tgt Ion: 70 Resp: 68616

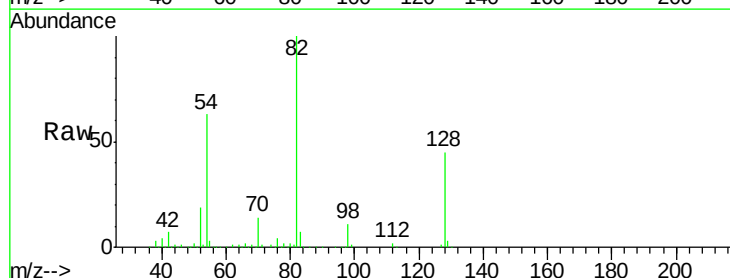
Ion Ratio Lower Upper

70 100

42 50.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

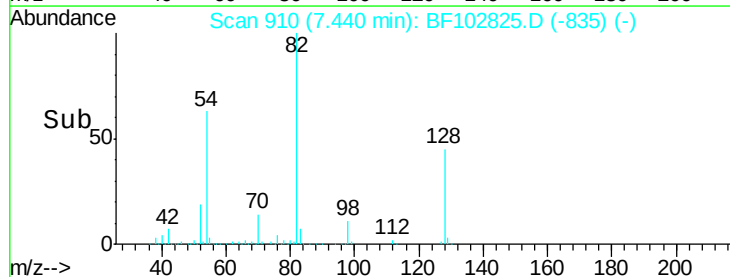
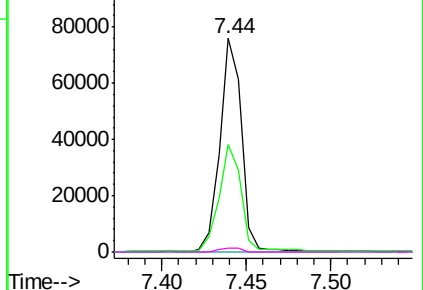


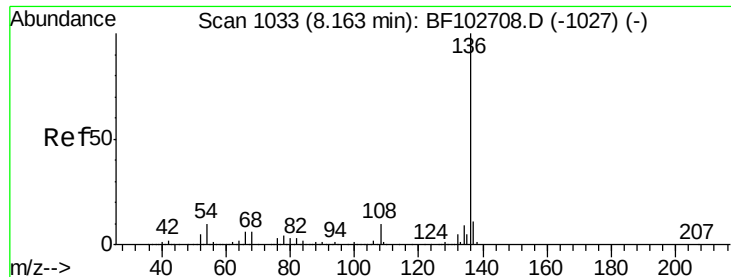
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

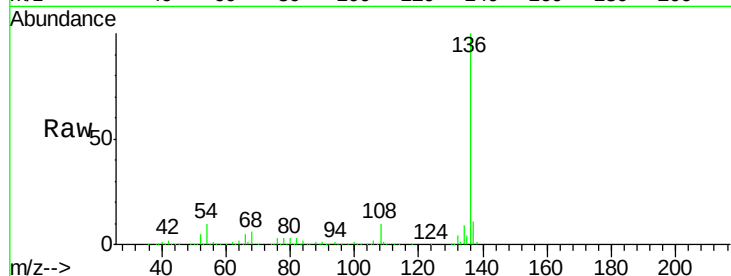




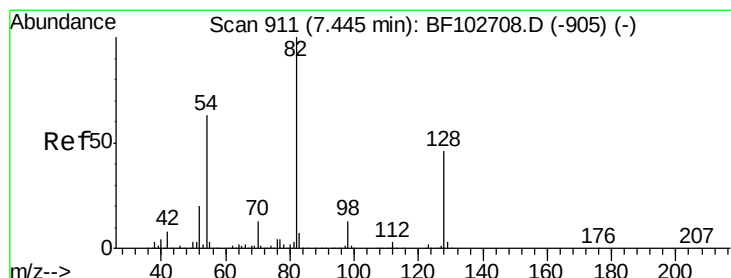
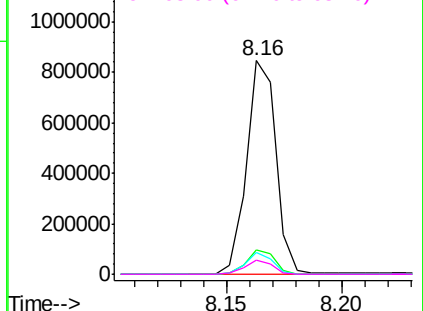
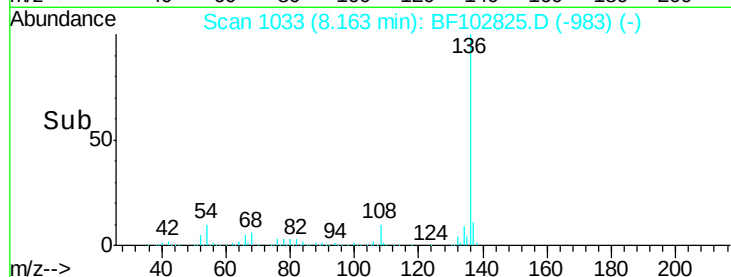
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102825.D
Acq: 7 Feb 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	756941
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	10.2	6.6 9.8#
68	6.5	5.0 7.4

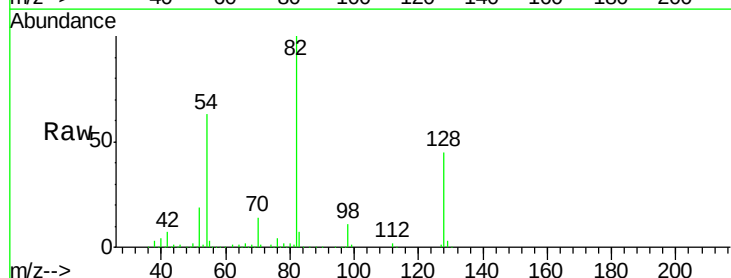


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

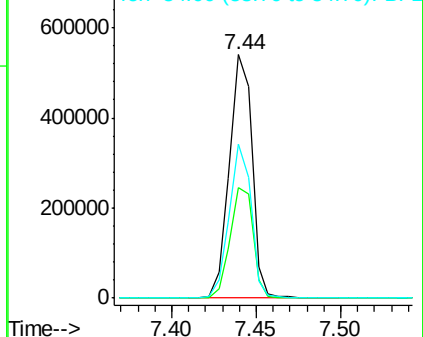
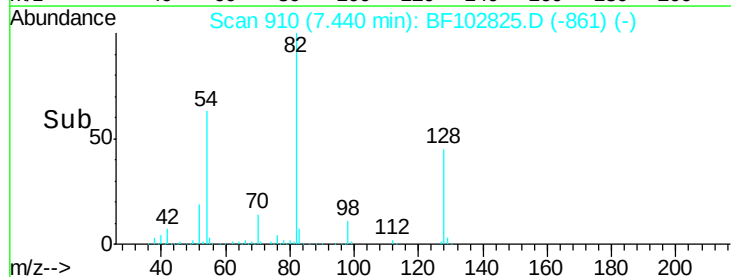


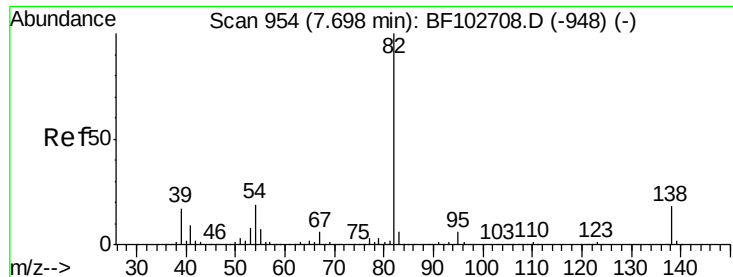
#23
Nitrobenzene-d5
Concen: 46.33 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102825.D
Acq: 7 Feb 2018 20:20

Tgt Ion: 82	Resp:	505515
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	63.2	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: 20.12 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102825.D

Acq: 7 Feb 2018 20:20

Instrument :

BNA_F

ClientSampleId :

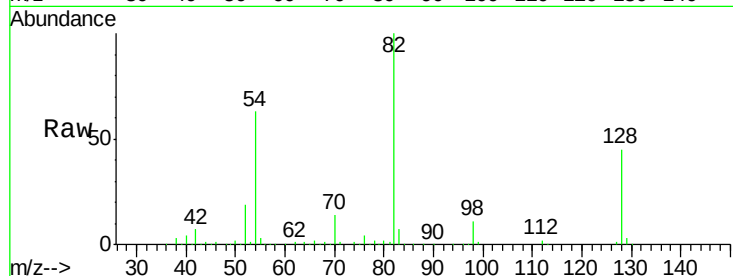
Tot Ion: 82 Resp: 505508

Ion Ratio Lower Upper

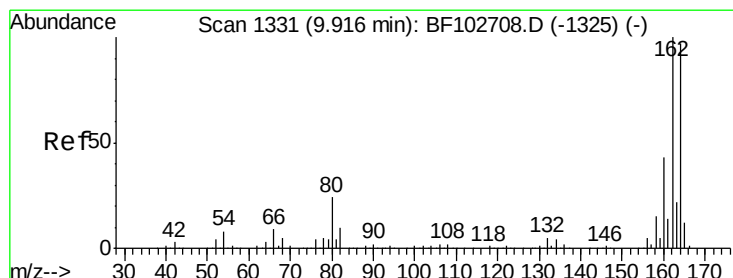
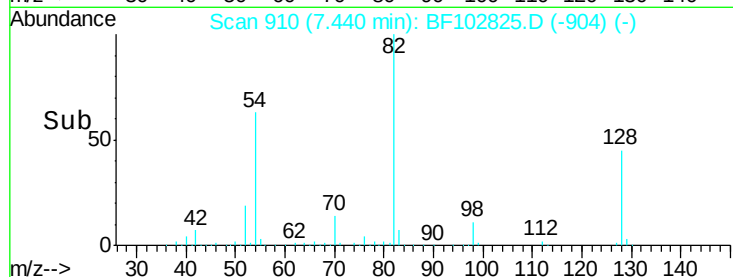
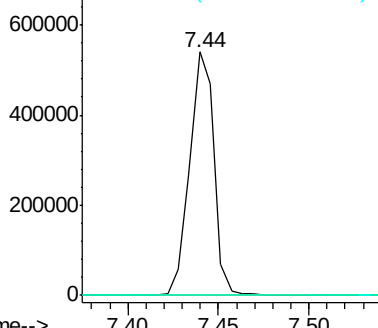
82 100

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: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102825.D

Acq: 7 Feb 2018 20:20

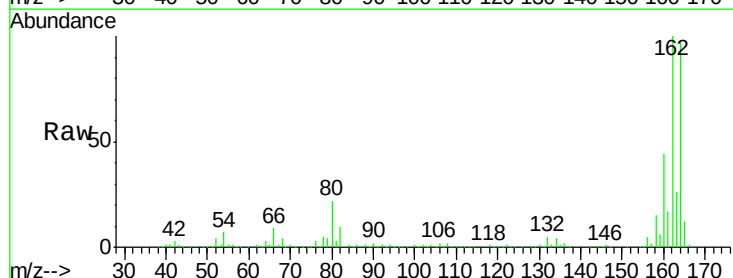
Tgt Ion: 164 Resp: 324157

Ion Ratio Lower Upper

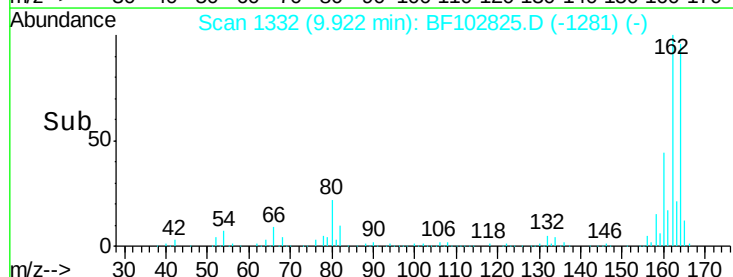
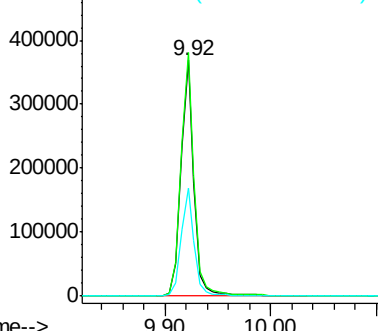
164 100

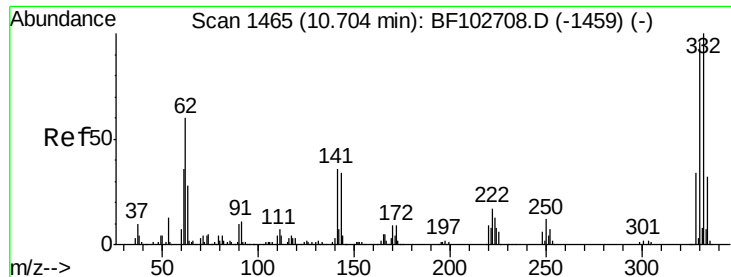
162 103.5 86.1 129.1

160 45.9 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

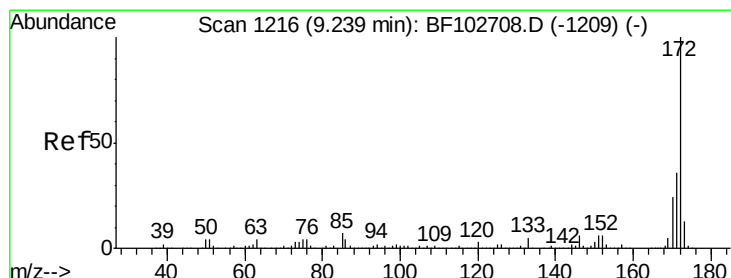
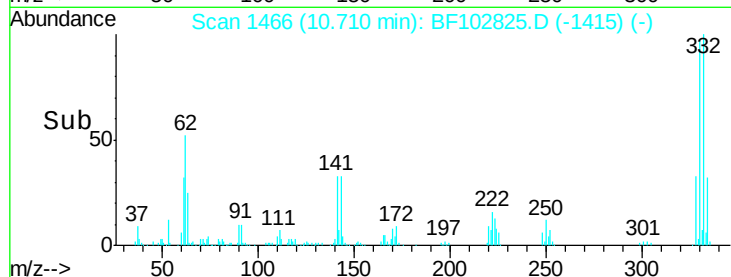
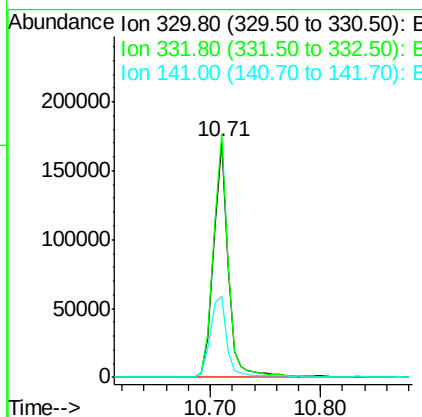
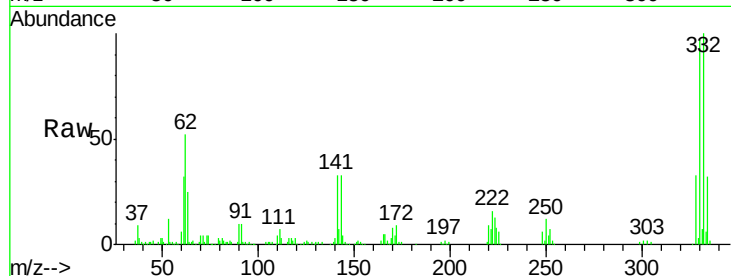




#41
 2,4,6-Tribromophenol
 Concen: 61.02 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102825.D
 Acq: 7 Feb 2018 20:20

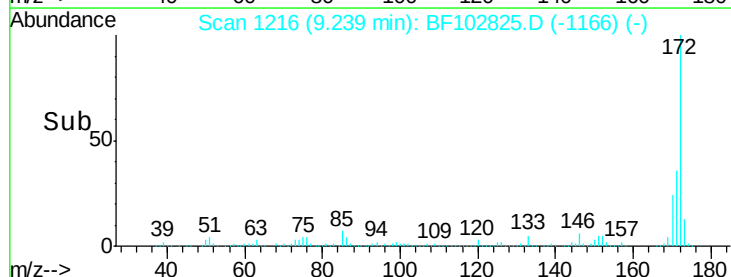
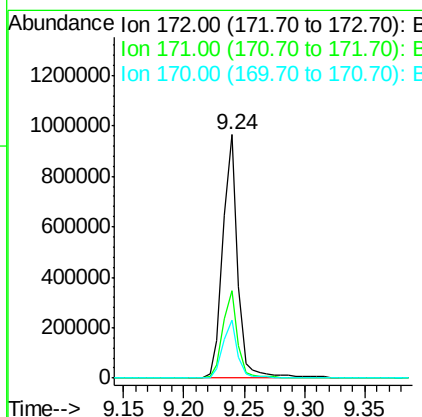
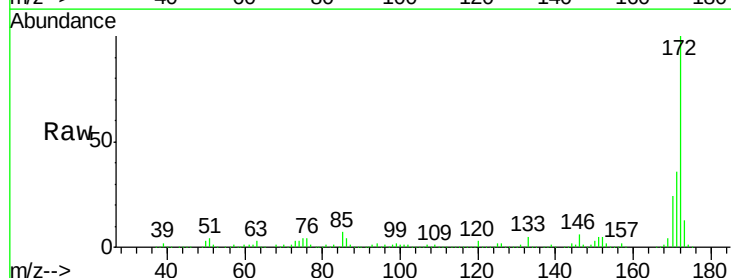
Instrument :
 BNA_F
 ClientSampleId :

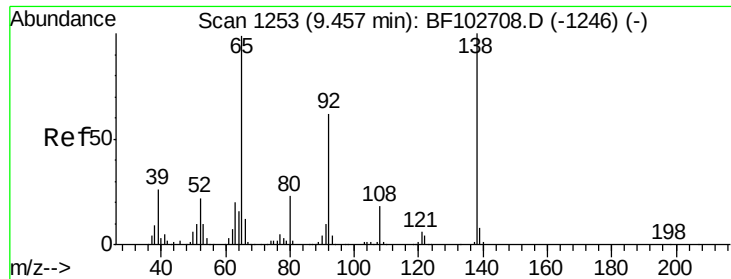
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.0	77.0	115.6
141	39.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 42.25 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102825.D
 Acq: 7 Feb 2018 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4





#47

2-Nitroaniline

Concen: 3.51 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.09 min

Lab File: BF102825.D

Acq: 7 Feb 2018 20:20

Instrument :

BNA_F

ClientSampleId :

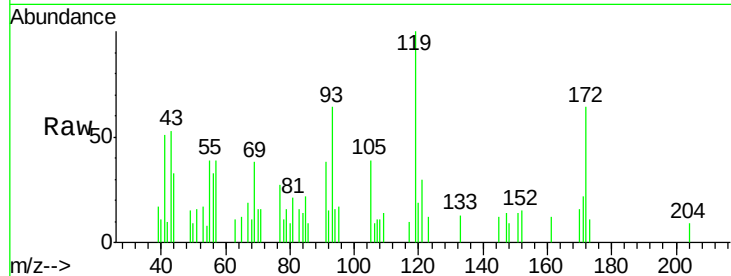
Tot Ion: 65 Resp: 292

Ion Ratio Lower Upper

65 100

92 118.9 55.8 83.6#

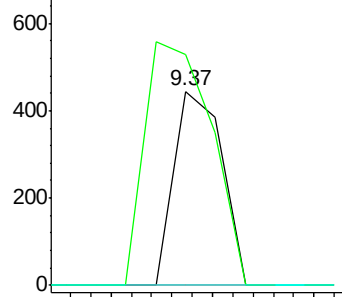
138 0.0 91.2 136.8#



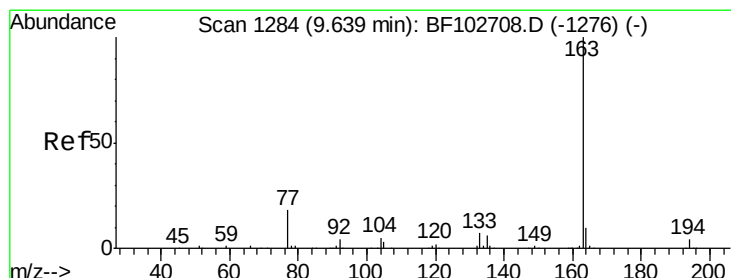
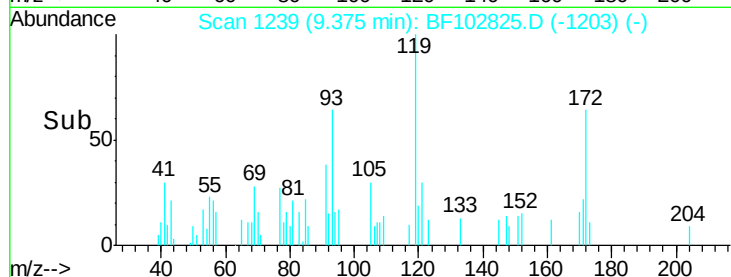
Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



Time-->



#49

Dimethylphthalate

Concen: 2.13 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102825.D

Acq: 7 Feb 2018 20:20

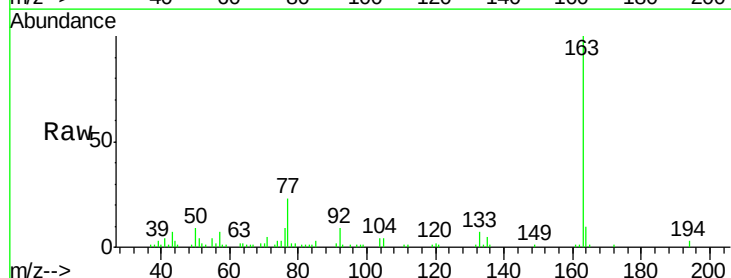
Tgt Ion: 163 Resp: 53763

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

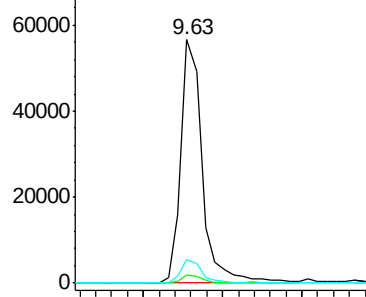
164 9.5 8.2 12.2



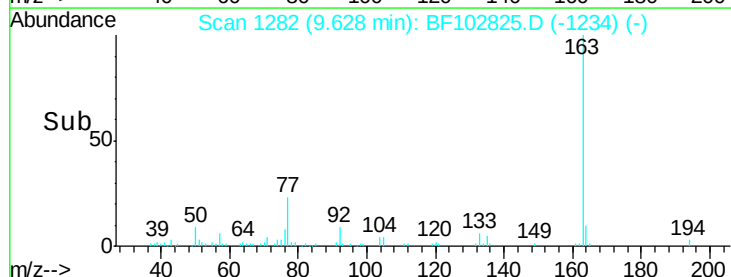
Abundance Ion 163.00 (162.70 to 163.70): E

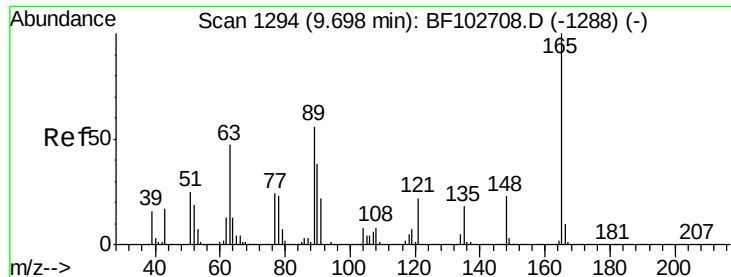
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

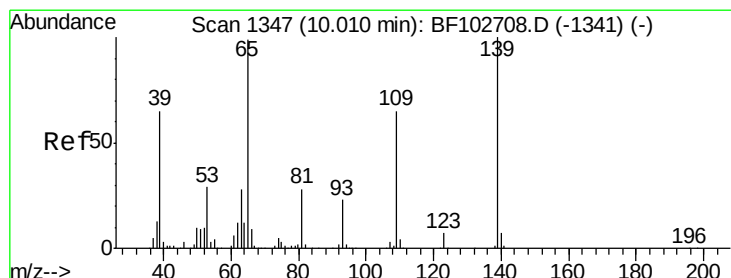
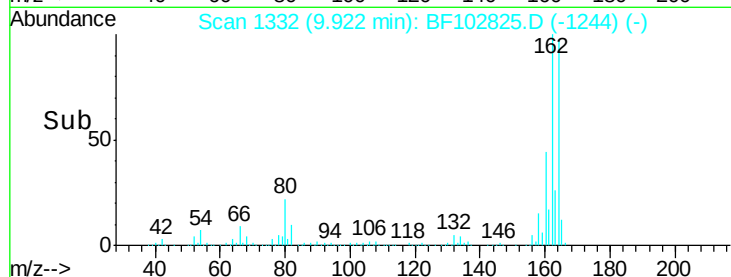
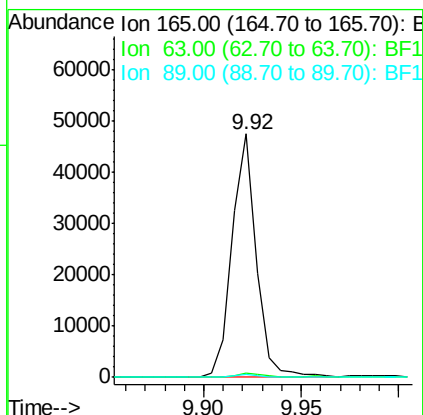
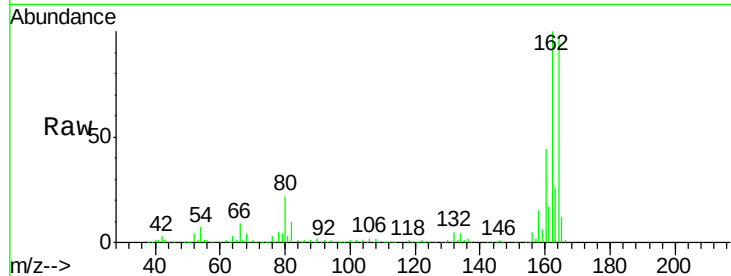




#50
 2,6-Dinitrotoluene
 Concen: 8.53 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF102825.D
 Acq: 7 Feb 2018 20:20

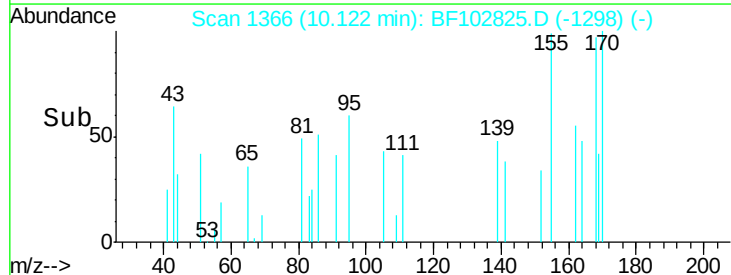
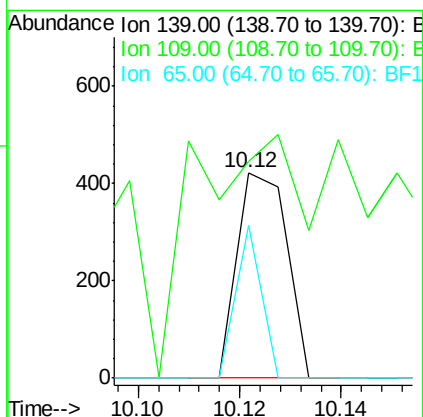
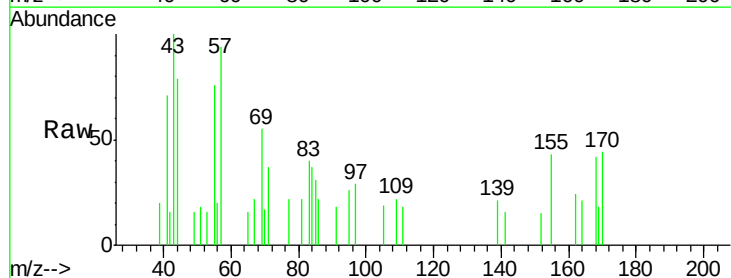
Instrument :
 BNA_F
 ClientSampleId :

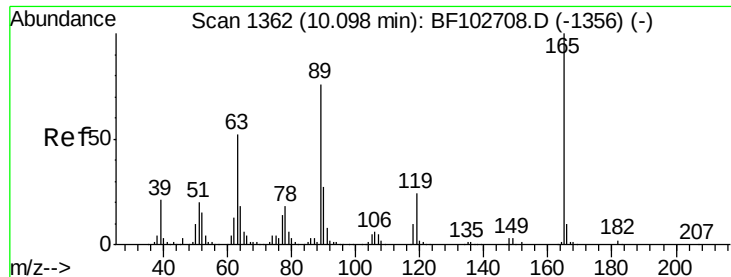
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.4	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 4.08 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.10 min
 Lab File: BF102825.D
 Acq: 7 Feb 2018 20:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.5	48.4	88.4#
65	74.6	72.6	112.6

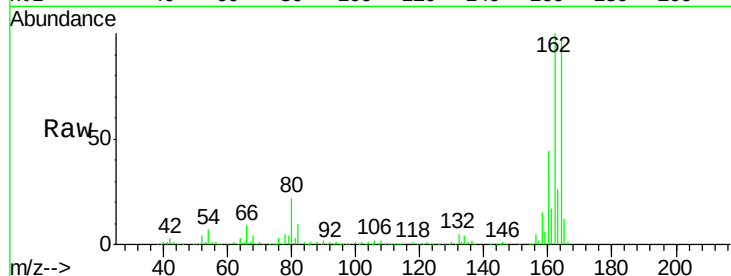




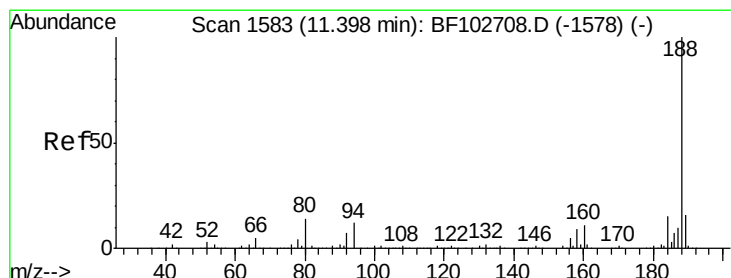
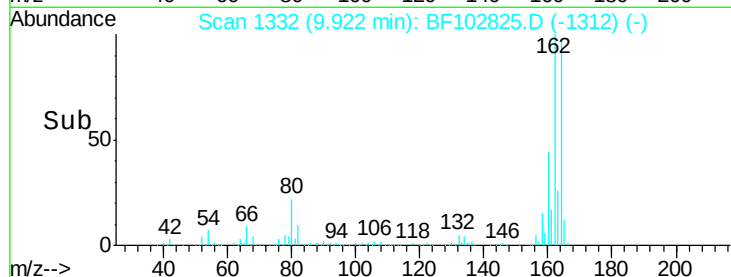
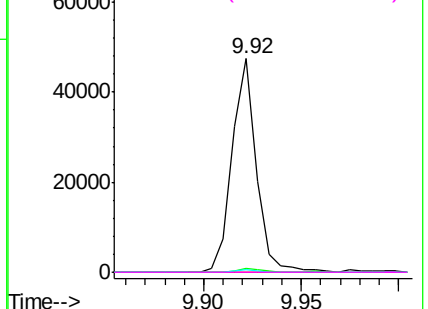
#56
 2,4-Dinitrotoluene
 Concen: 9.02 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.18 min
 Lab File: BF102825.D
 Acq: 7 Feb 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 40995
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

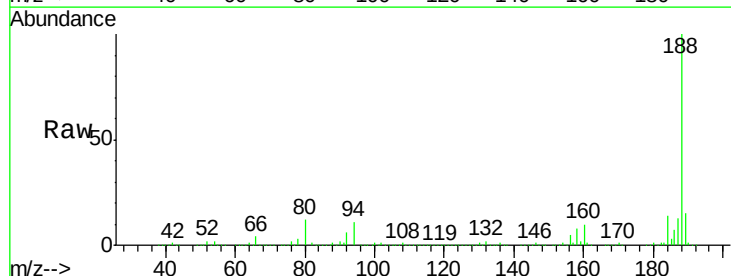


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

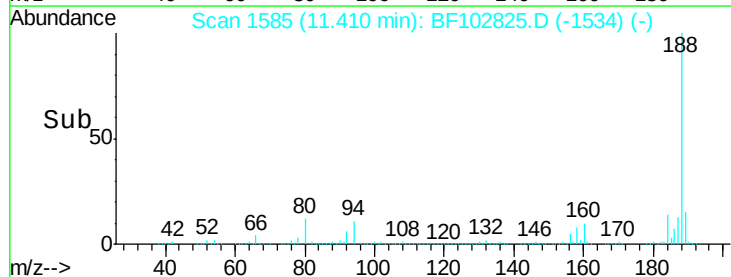
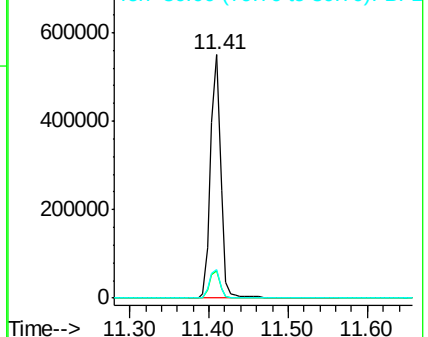


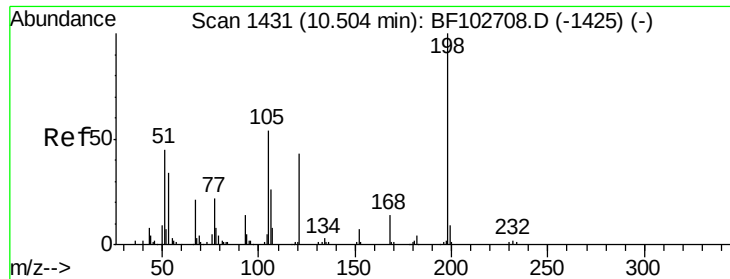
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF102825.D
 Acq: 7 Feb 2018 20:20

Tgt Ion:188 Resp: 492394
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.8 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

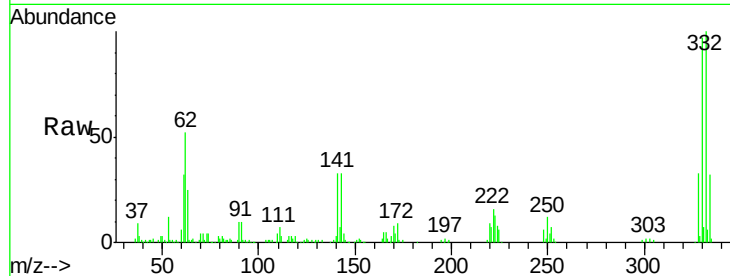




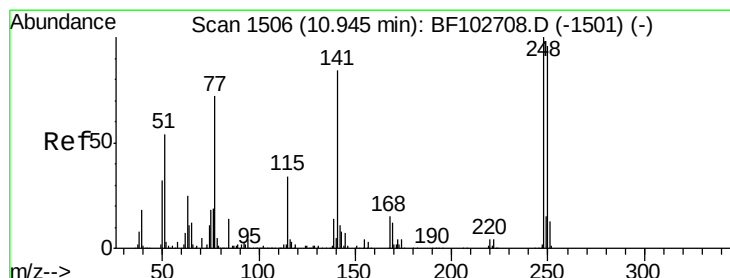
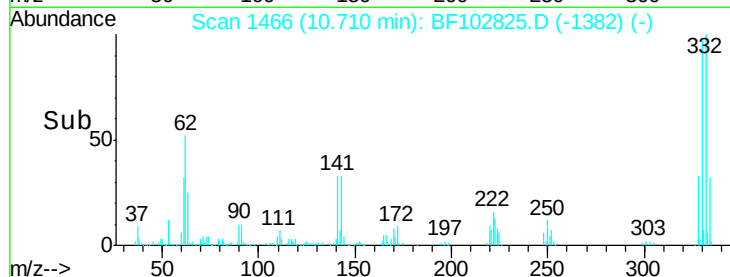
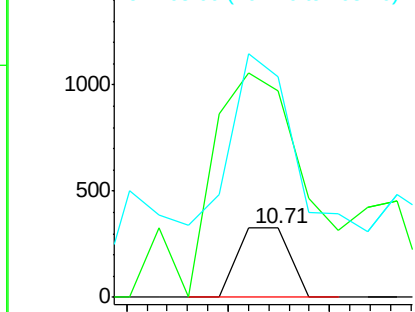
#64
4,6-Dinitro-2-methylphenol
Concen: 8.90 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102825.D
Acq: 7 Feb 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 231
Ion Ratio Lower Upper
198 100
51 296.9 37.7 77.7#
105 317.4 36.3 76.3#

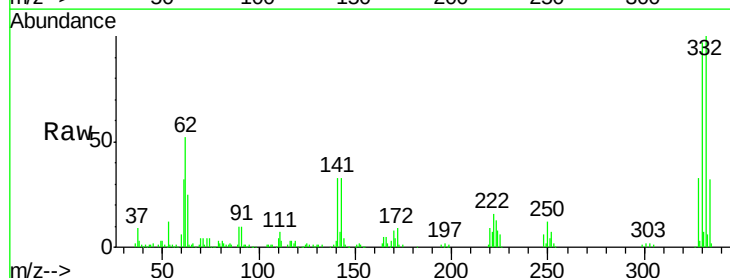


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

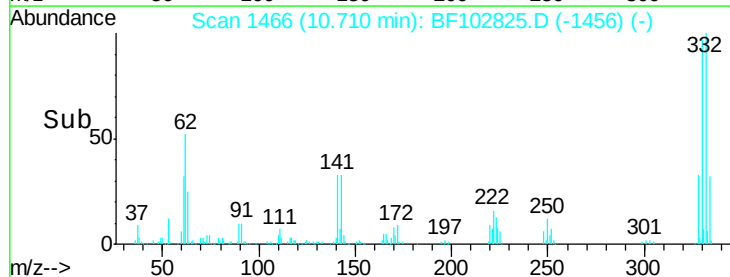
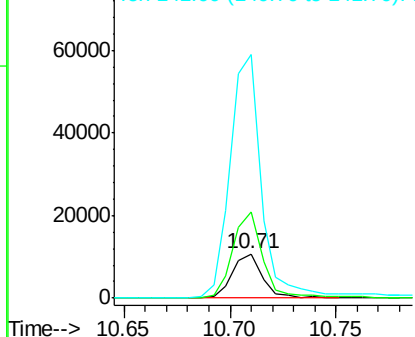


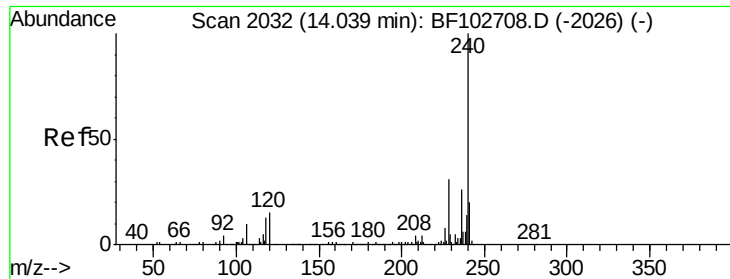
#66
4-Bromophenyl-phenylether
Concen: 2.02 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102825.D
Acq: 7 Feb 2018 20:20

Tgt Ion:248 Resp: 10507
Ion Ratio Lower Upper
248 100
250 196.0 76.9 115.3#
141 552.6 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: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102825.D

Acq: 7 Feb 2018 20:20

Instrument :

BNA_F

ClientSampleId :

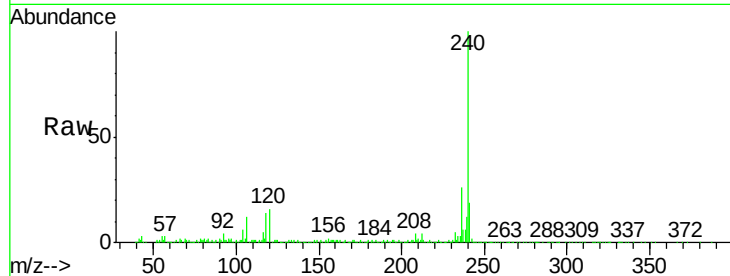
Tot Ion:240 Resp: 356653

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

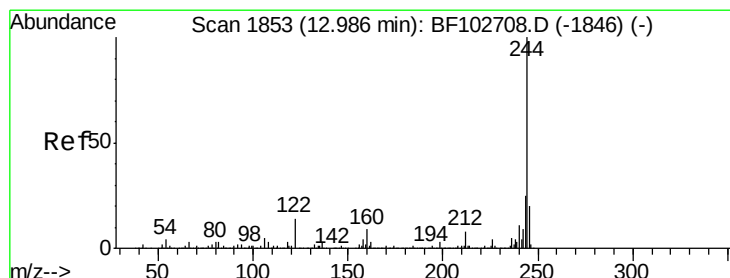
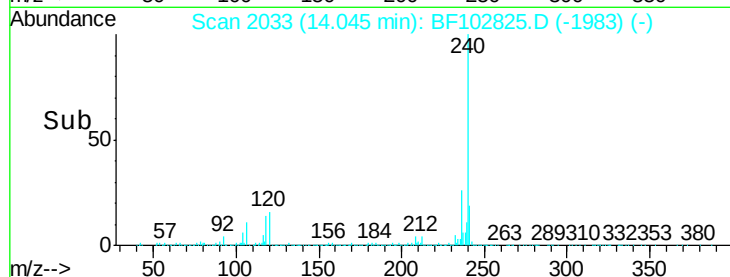
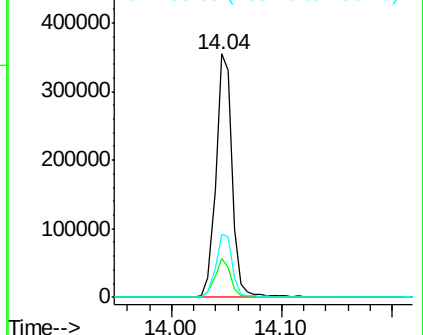
236 26.0 20.7 31.1



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: 39.04 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102825.D

Acq: 7 Feb 2018 20:20

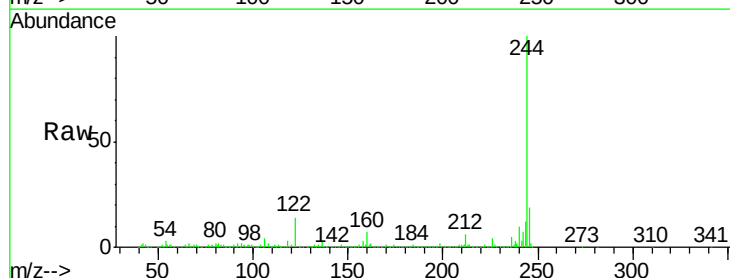
Tgt Ion:244 Resp: 587994

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

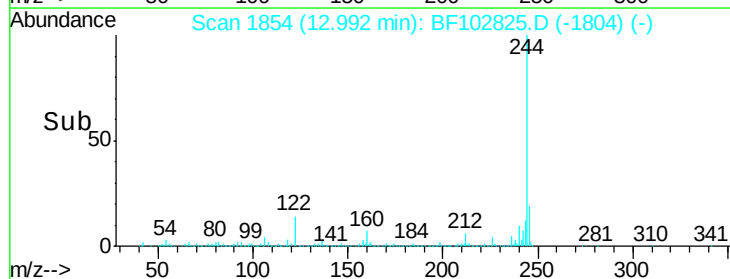
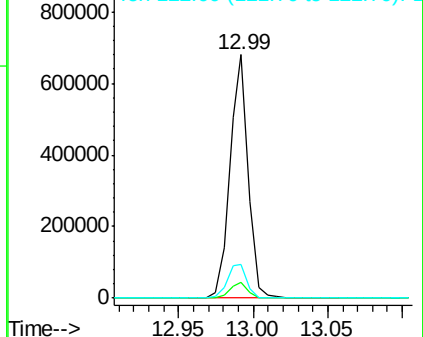
122 13.7 11.0 16.4

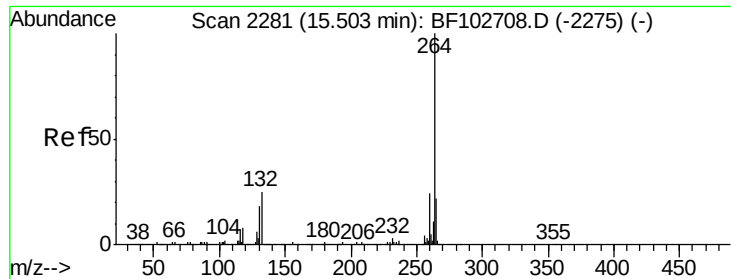


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

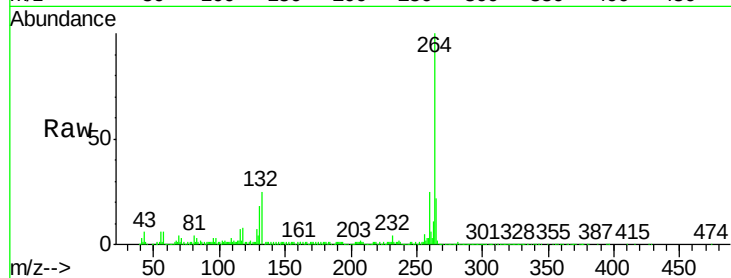




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102825.D
Acq: 7 Feb 2018 20:20

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



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

