

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102373.D
 Acq On : 24 Jan 2018 5:24
 Operator : SJ/JU
 Sample : PB105896BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 06:14:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

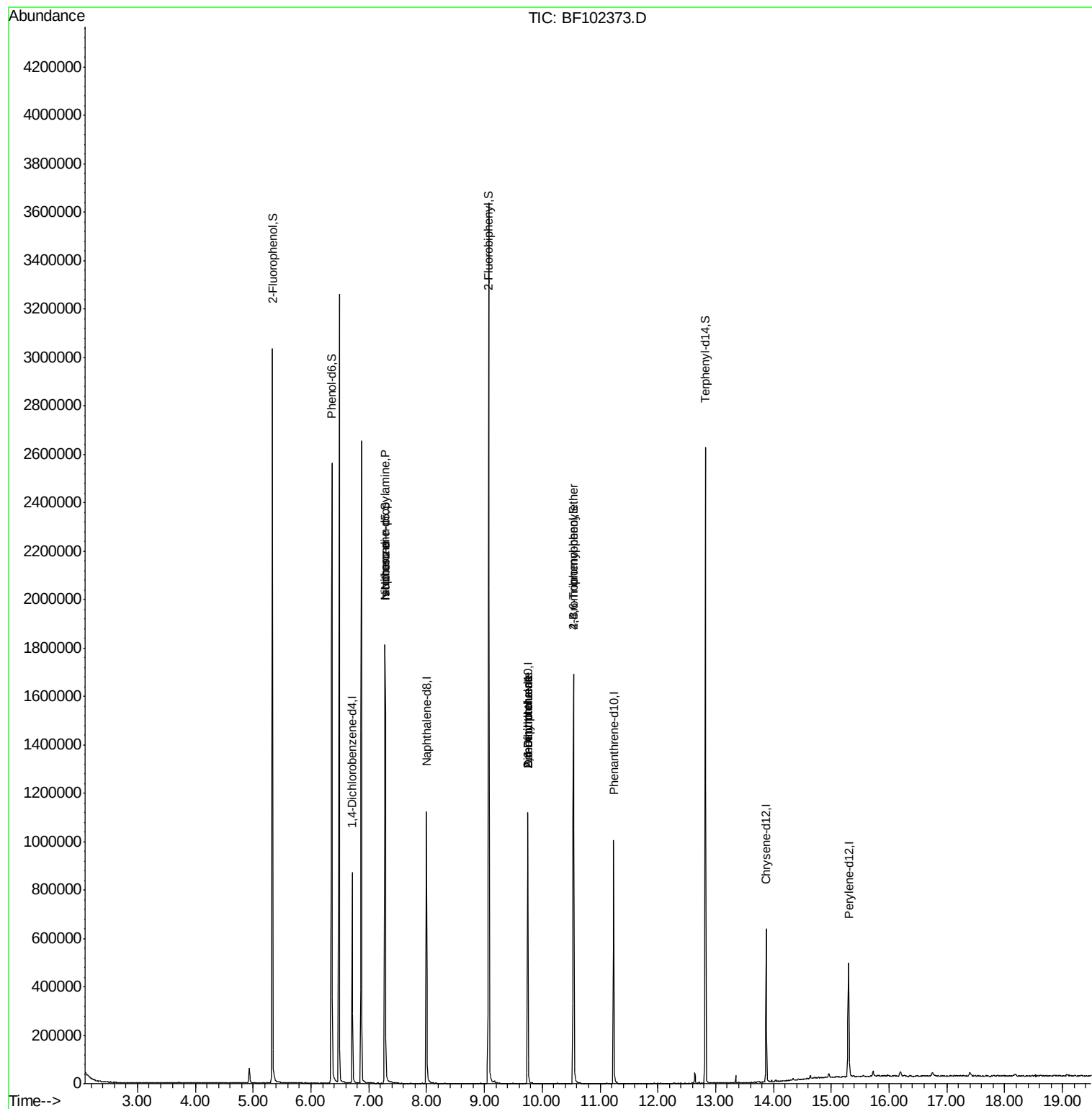
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127511	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	532528	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	223991	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	350826	20.00	ng	0.00
75) Chrysene-d12	13.87	240	236817	20.00	ng	0.00
86) Perylene-d12	15.30	264	220552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	906359	107.78	ng	0.01
7) Phenol-d6	6.36	99	1078157	106.34	ng	0.00
23) Nitrobenzene-d5	7.28	82	672112	72.53	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	192861	86.90	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1197779	78.63	ng	0.00
78) Terphenyl-d14	12.82	244	823107	78.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	89080	14.357	ng	# 79
25) Isophorone	7.28	82	662066	40.076	ng	# 64
49) Dimethylphthalate	9.75	163	62224	3.361	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	28749	7.202	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	28749	5.857	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	13067	3.460	ng	# 1

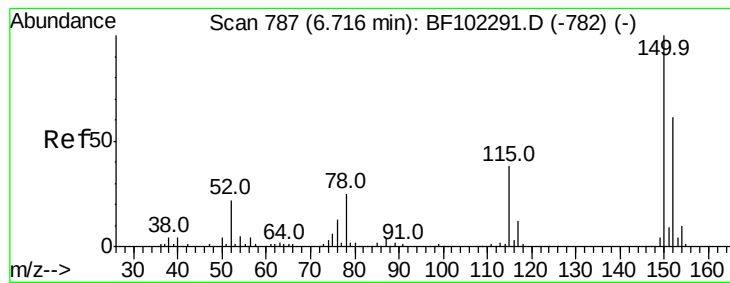
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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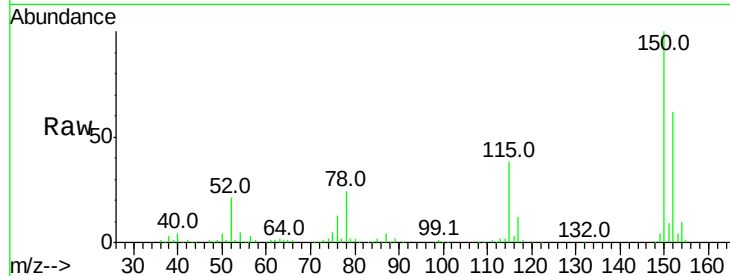


#1

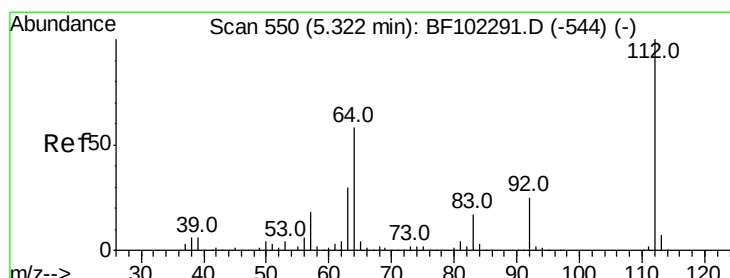
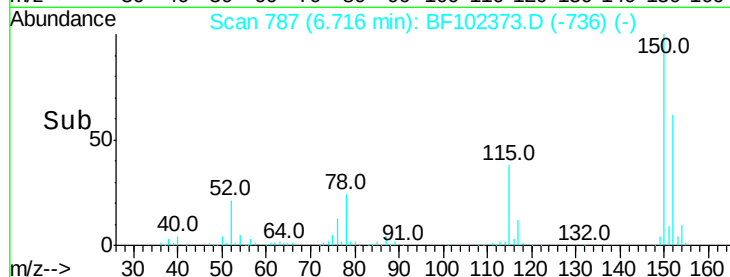
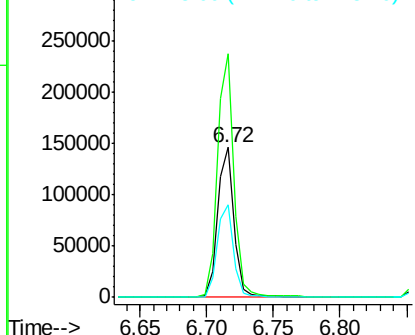
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102373.D
Acq: 24 Jan 2018 5:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127511
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 61.9 50.1 75.1



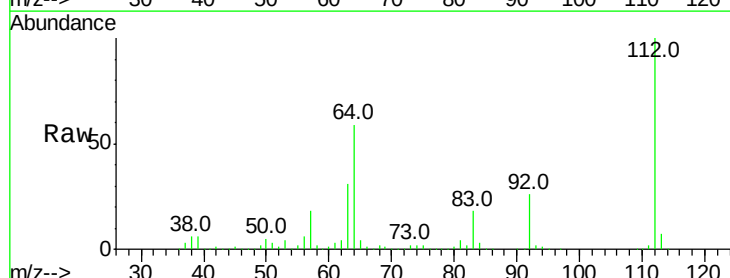
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



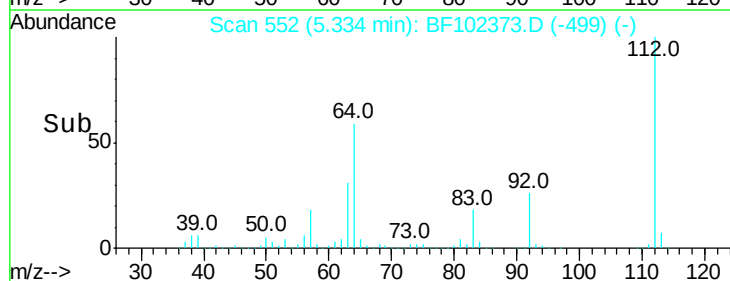
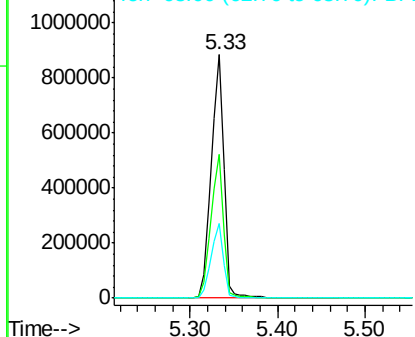
#5

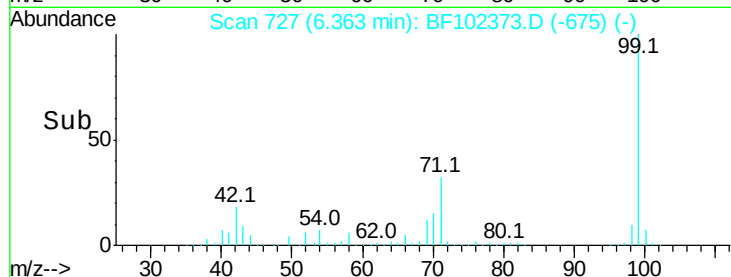
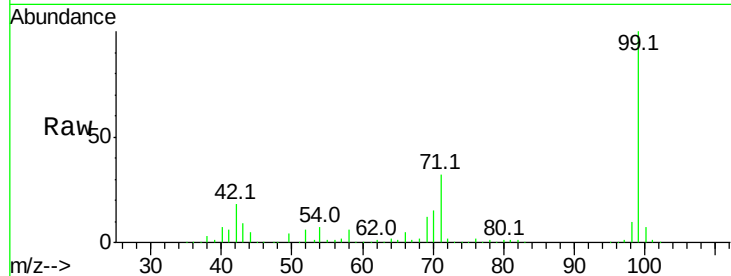
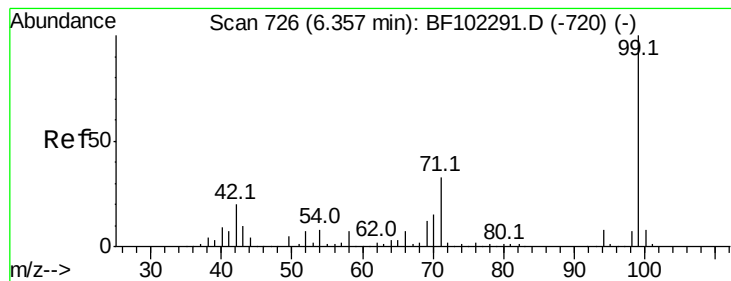
2-Fluorophenol
Concen: 107.777 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102373.D
Acq: 24 Jan 2018 5:24

Tgt Ion:112 Resp: 906359
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.8 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: 106.343 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

Instrument :

BNA_F

ClientSampleId :

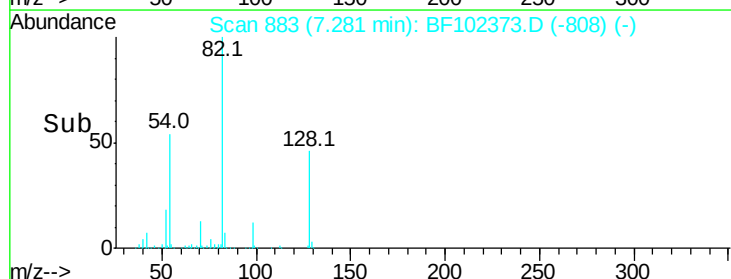
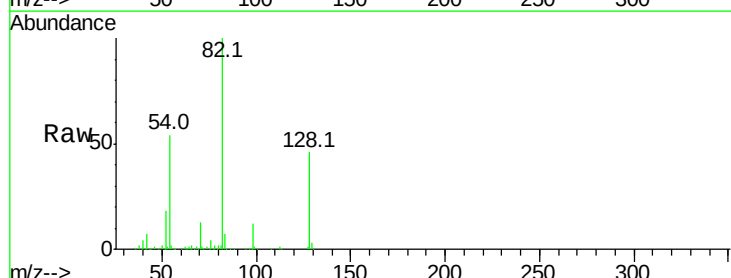
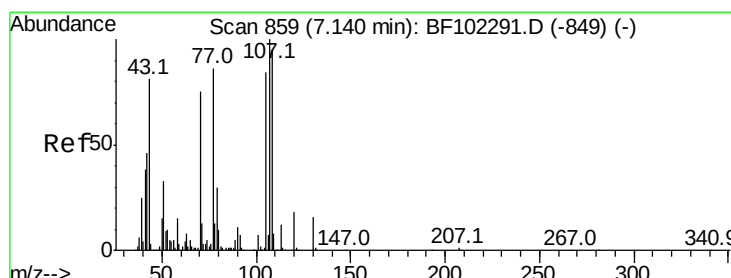
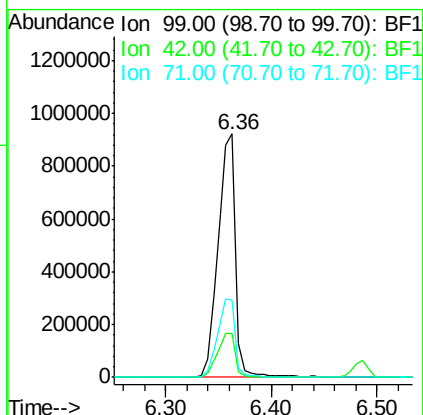
Tot Ion: 99 Resp: 1078157

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.357 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

Tgt Ion: 70 Resp: 89080

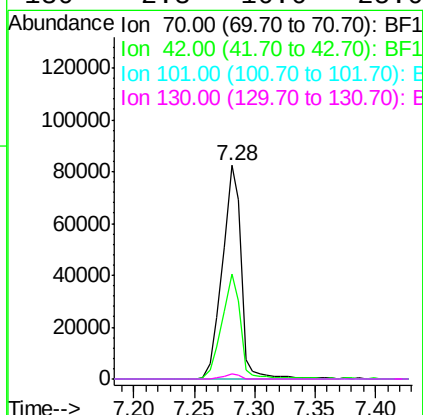
Ion Ratio Lower Upper

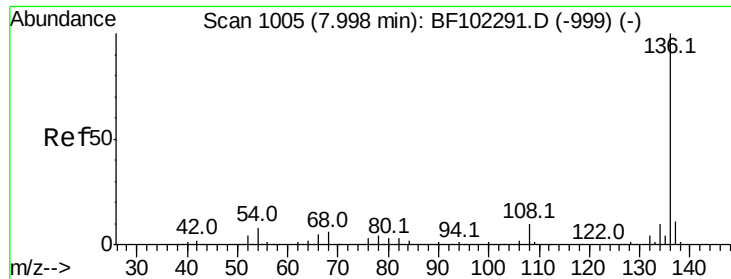
70 100

42 49.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

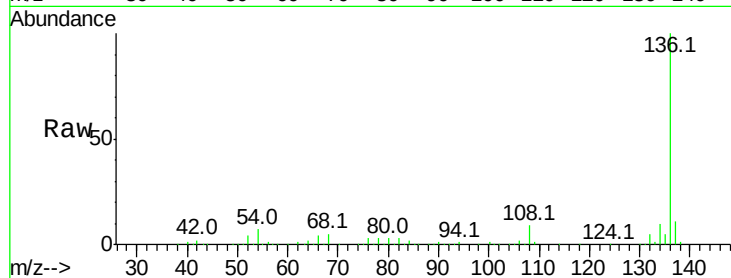




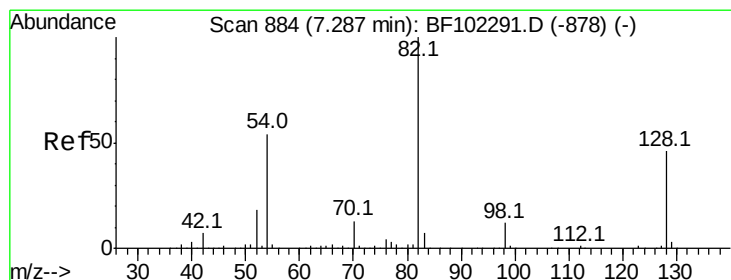
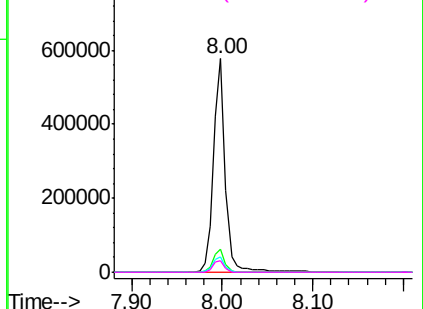
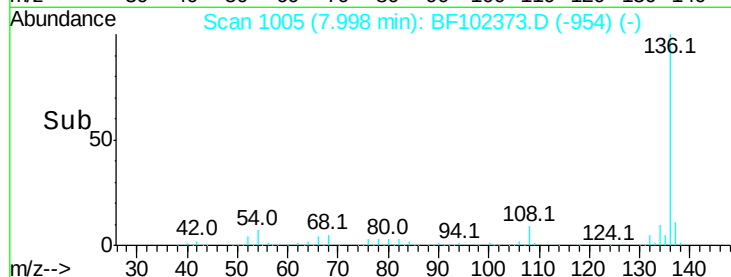
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102373.D
Acq: 24 Jan 2018 5:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	532528
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	5.2	5.0	7.4

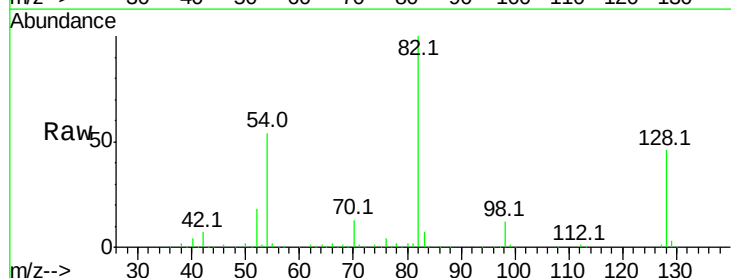


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

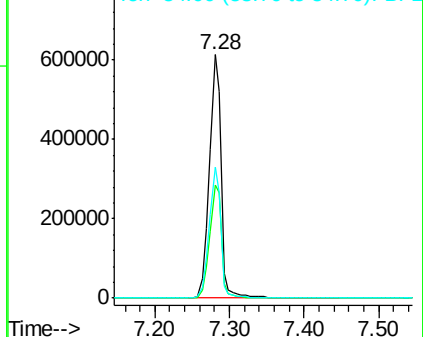
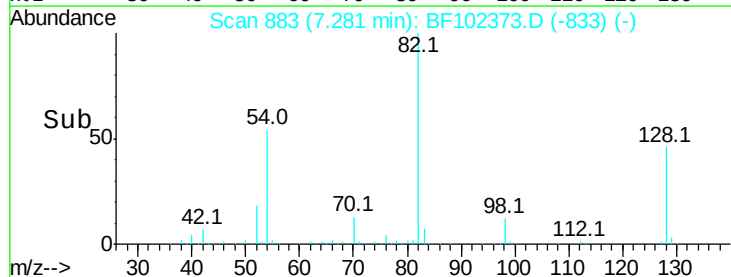


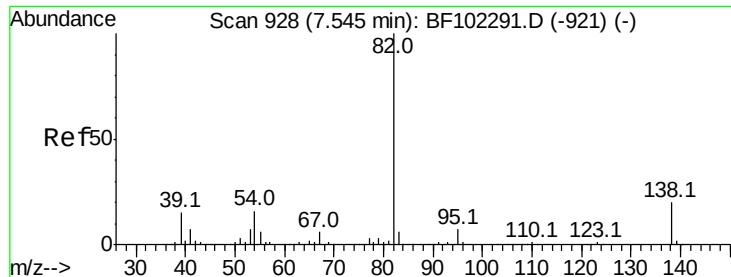
#23
Nitrobenzene-d5
Concen: 72.530 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102373.D
Acq: 24 Jan 2018 5:24

Tgt Ion:	82	Resp:	672112
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	53.9	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: 40.076 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

Instrument :

BNA_F

ClientSampleId :

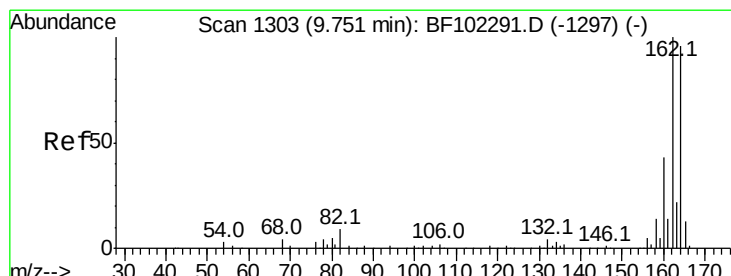
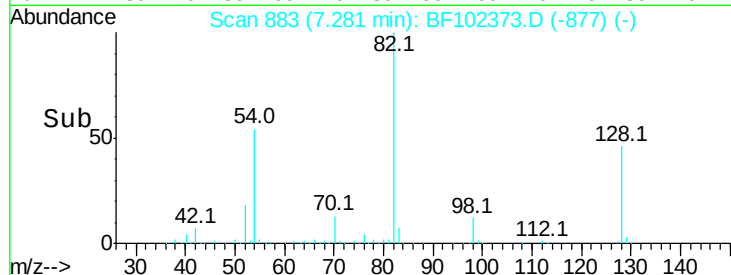
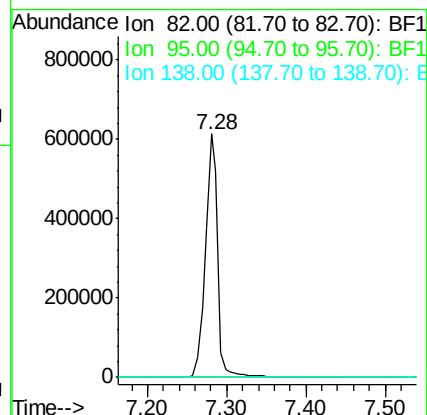
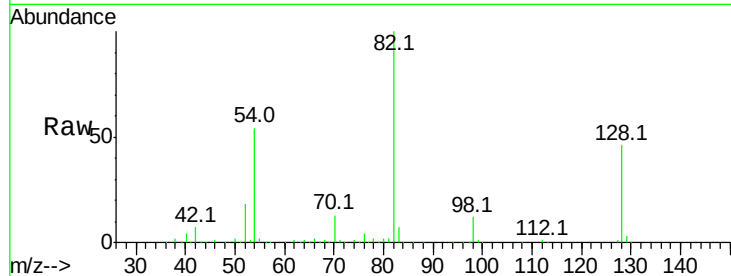
Tot Ion: 82 Resp: 662066

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

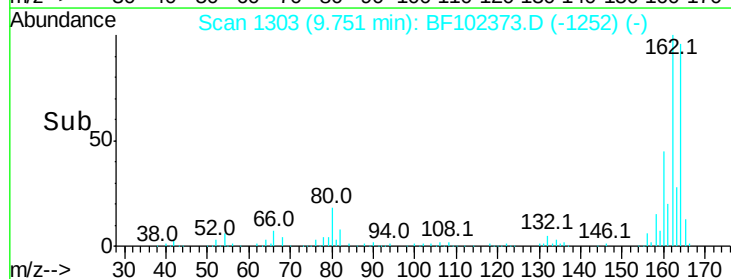
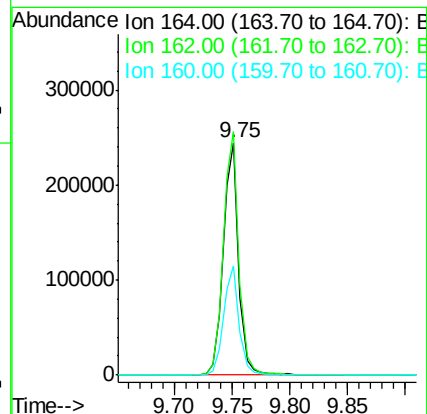
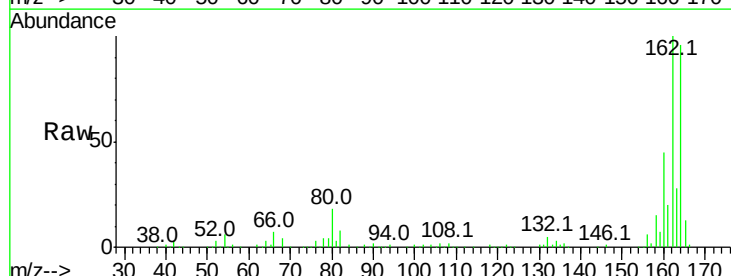
Tgt Ion: 164 Resp: 223991

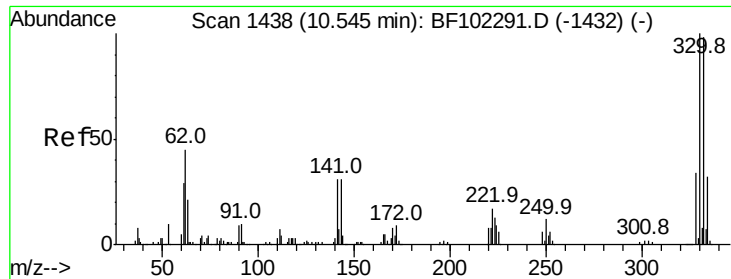
Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

160 47.0 38.3 57.5

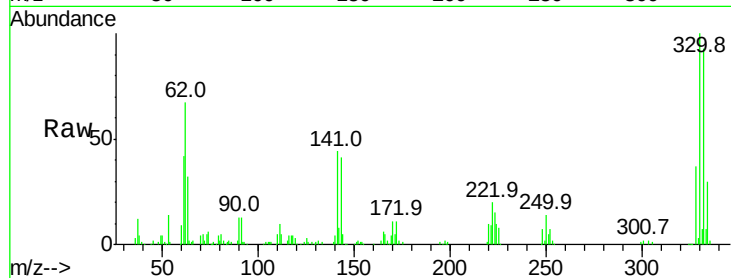




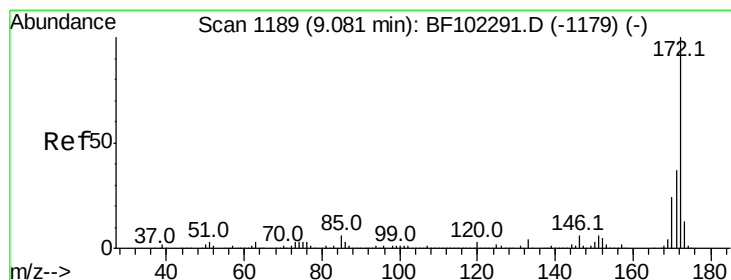
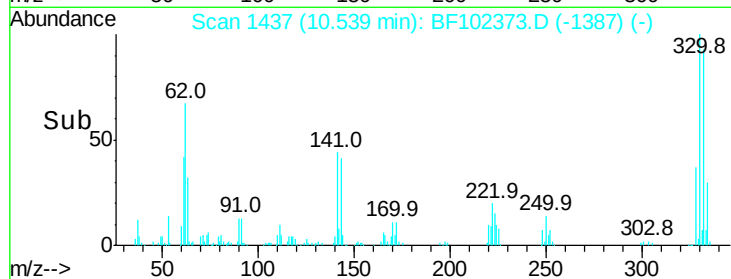
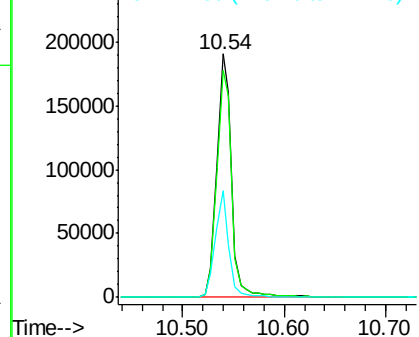
#41
 2,4,6-Tribromophenol
 Concen: 86.897 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	40.4	29.9	44.9

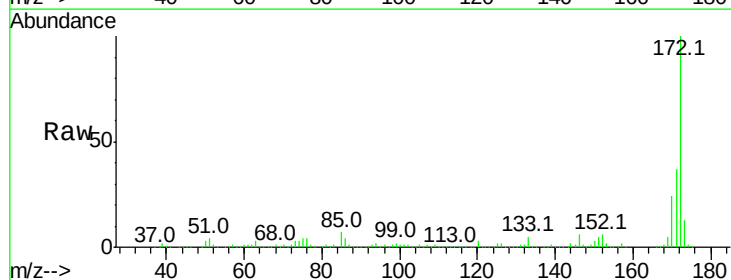


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

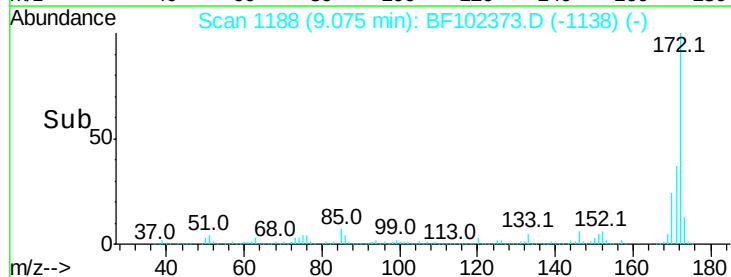
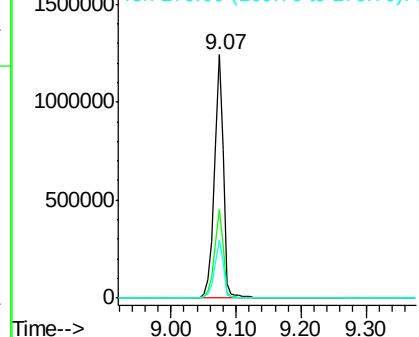


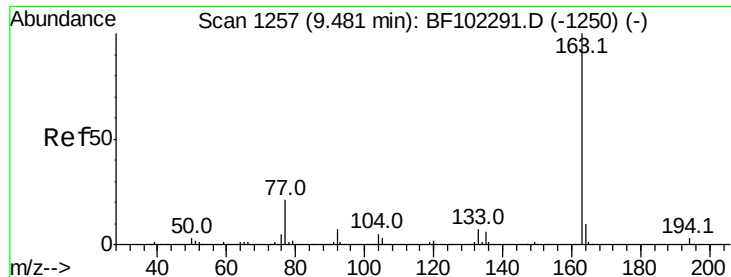
#44
 2-Fluorobiphenyl
 Concen: 78.626 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.8	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: 3.361 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.27 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

Instrument :

BNA_F

ClientSampleId :

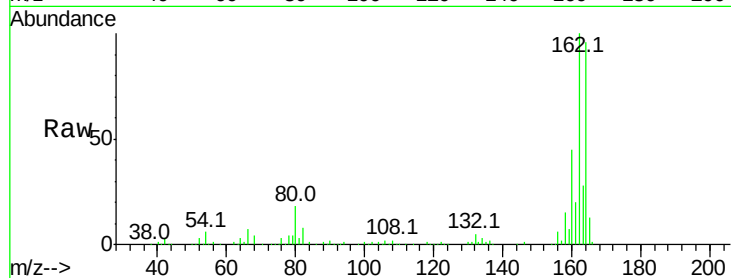
Tot Ion:163 Resp: 62224

Ion Ratio Lower Upper

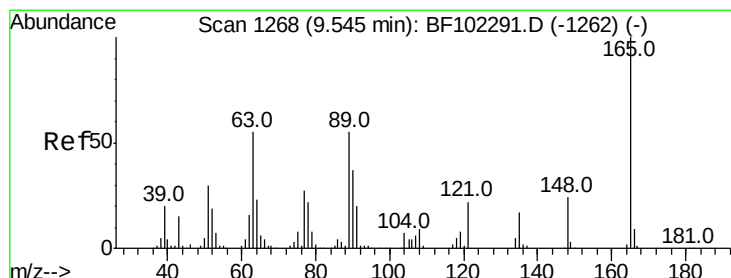
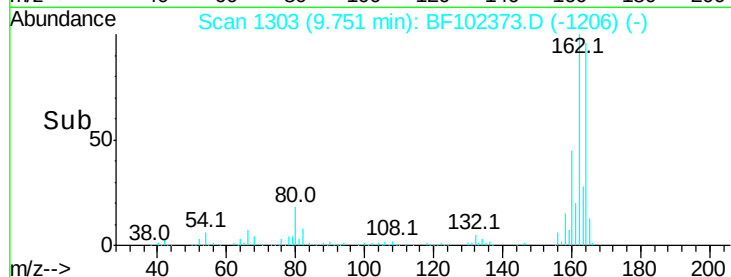
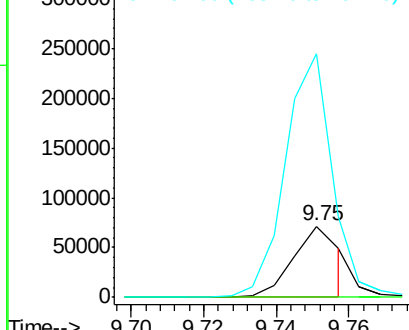
163 100

194 0.0 2.7 4.1#

164 342.6 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



#50

2,6-Dinitrotoluene

Concen: 7.202 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF102373.D

Acq: 24 Jan 2018 5:24

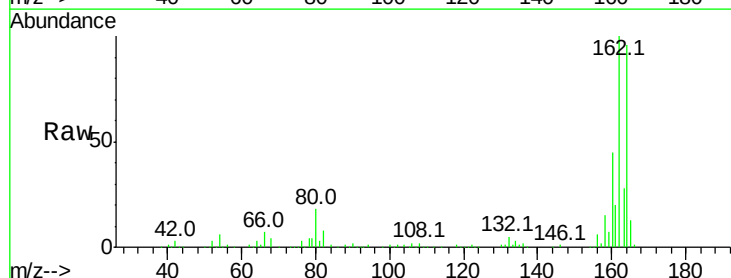
Tgt Ion:165 Resp: 28749

Ion Ratio Lower Upper

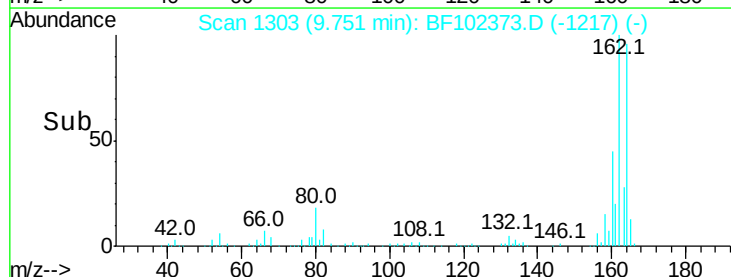
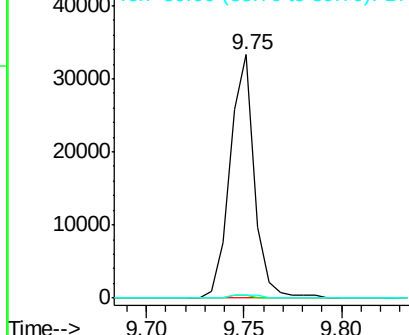
165 100

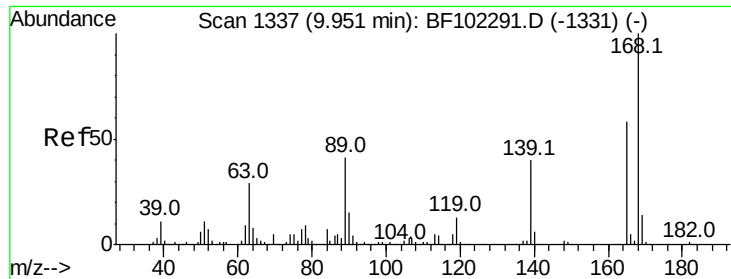
63 1.4 44.7 67.1#

89 1.1 44.0 66.0#



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

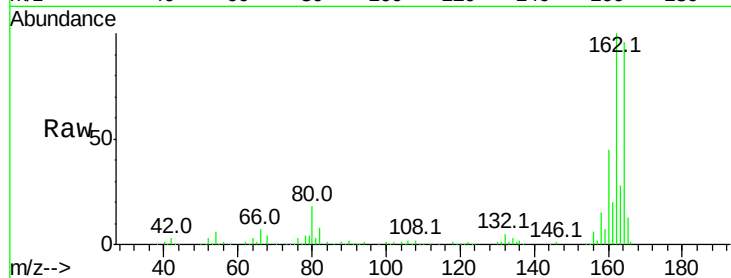




#56
 2,4-Dinitrotoluene
 Concen: 5.857 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

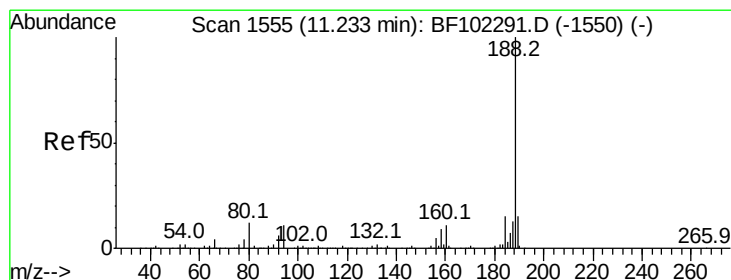
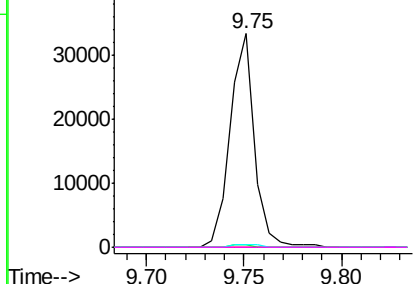
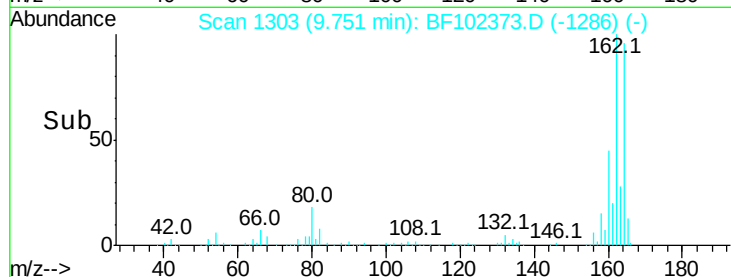


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

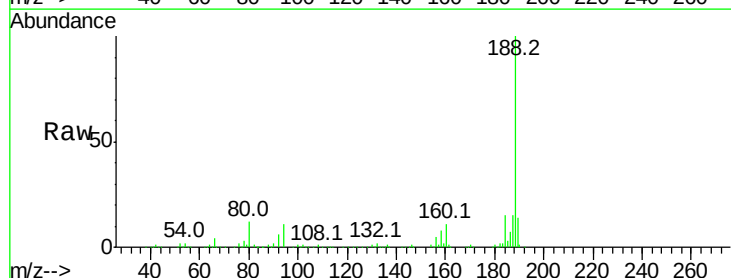
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

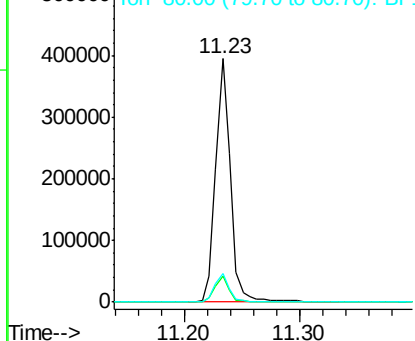
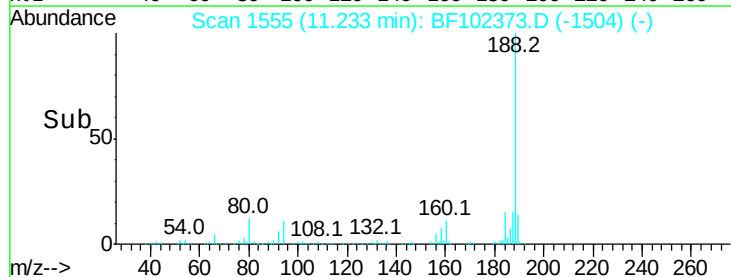
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.5	9.2	13.8

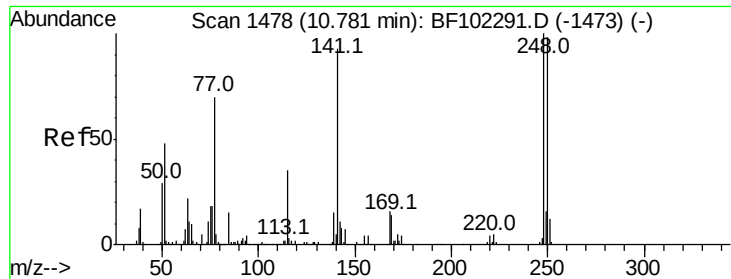


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

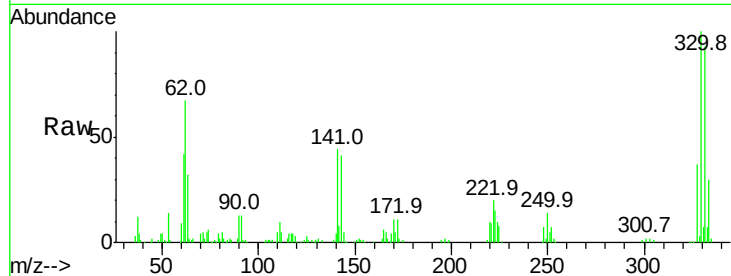




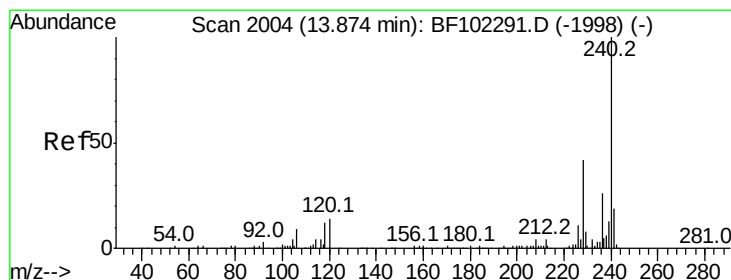
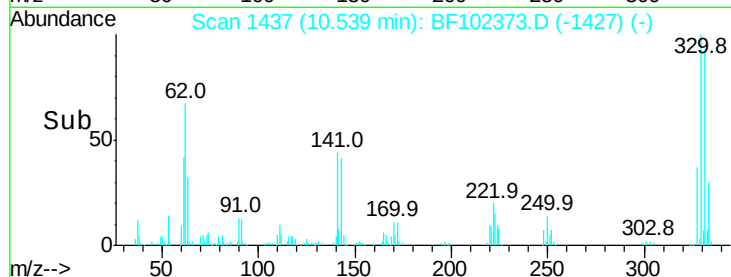
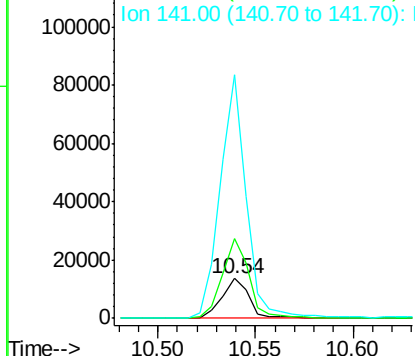
#66
4-Bromophenyl-phenylether
Concen: 3.460 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102373.D
Acq: 24 Jan 2018 5:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13067
Ion Ratio Lower Upper
248 100
250 200.1 76.9 115.3#
141 615.5 74.4 111.6#

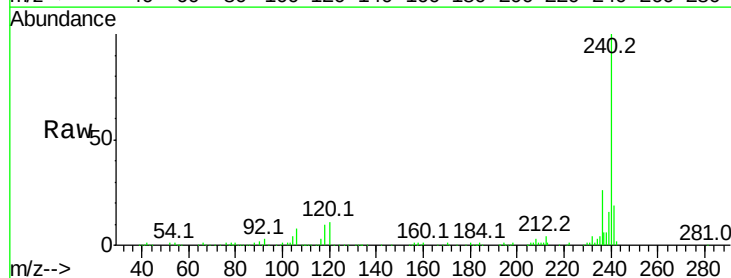


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

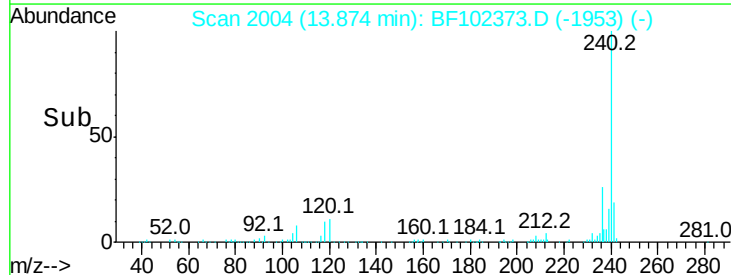
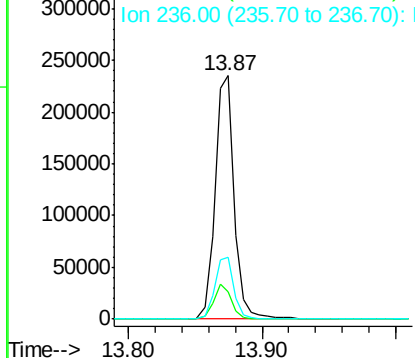


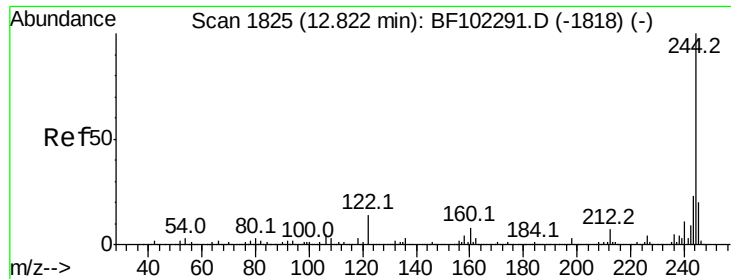
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102373.D
Acq: 24 Jan 2018 5:24

Tgt Ion:240 Resp: 236817
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.6 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

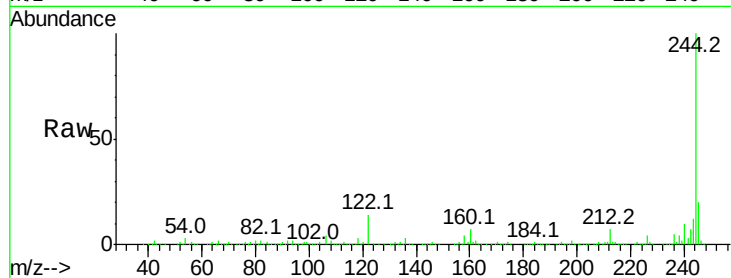




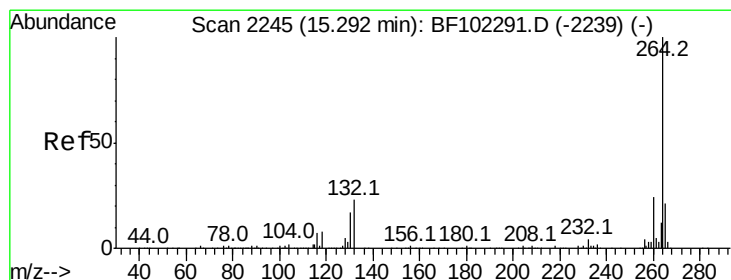
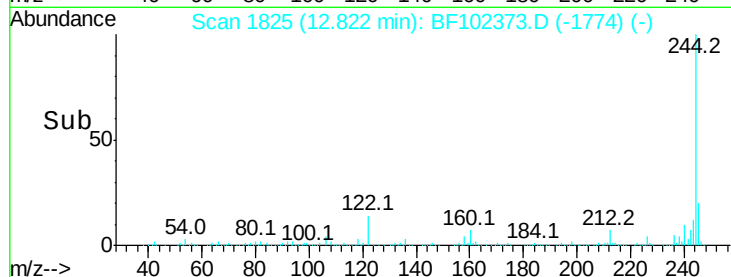
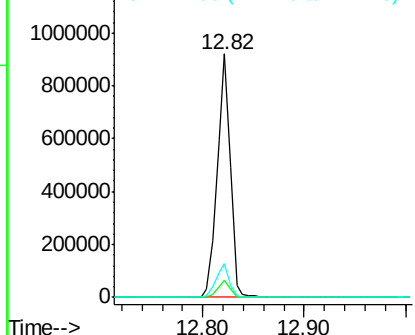
#78
 Terphenyl-d14
 Concen: 78.355 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	11.0	16.4

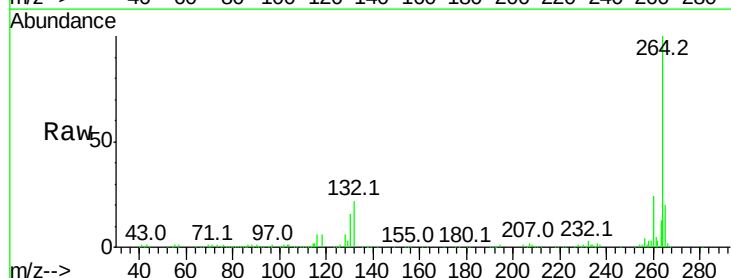


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102373.D
 Acq: 24 Jan 2018 5:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	19.9	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

