

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103783.D
 Acq On : 20 Mar 2018 3:38
 Operator : JU/SJ
 Sample : J1954-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 04:57:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147892	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	592540	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	261191	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	413446	20.00	ng	0.00
75) Chrysene-d12	14.16	240	295978	20.00	ng	0.00
86) Perylene-d12	15.69	264	248214	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	440153	45.27	ng	0.00
7) Phenol-d6	6.58	99	332682	27.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	970836	114.26	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	242850	108.14	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1528778	93.37	ng	0.00
78) Terphenyl-d14	13.10	244	1297212	101.73	ng	0.01

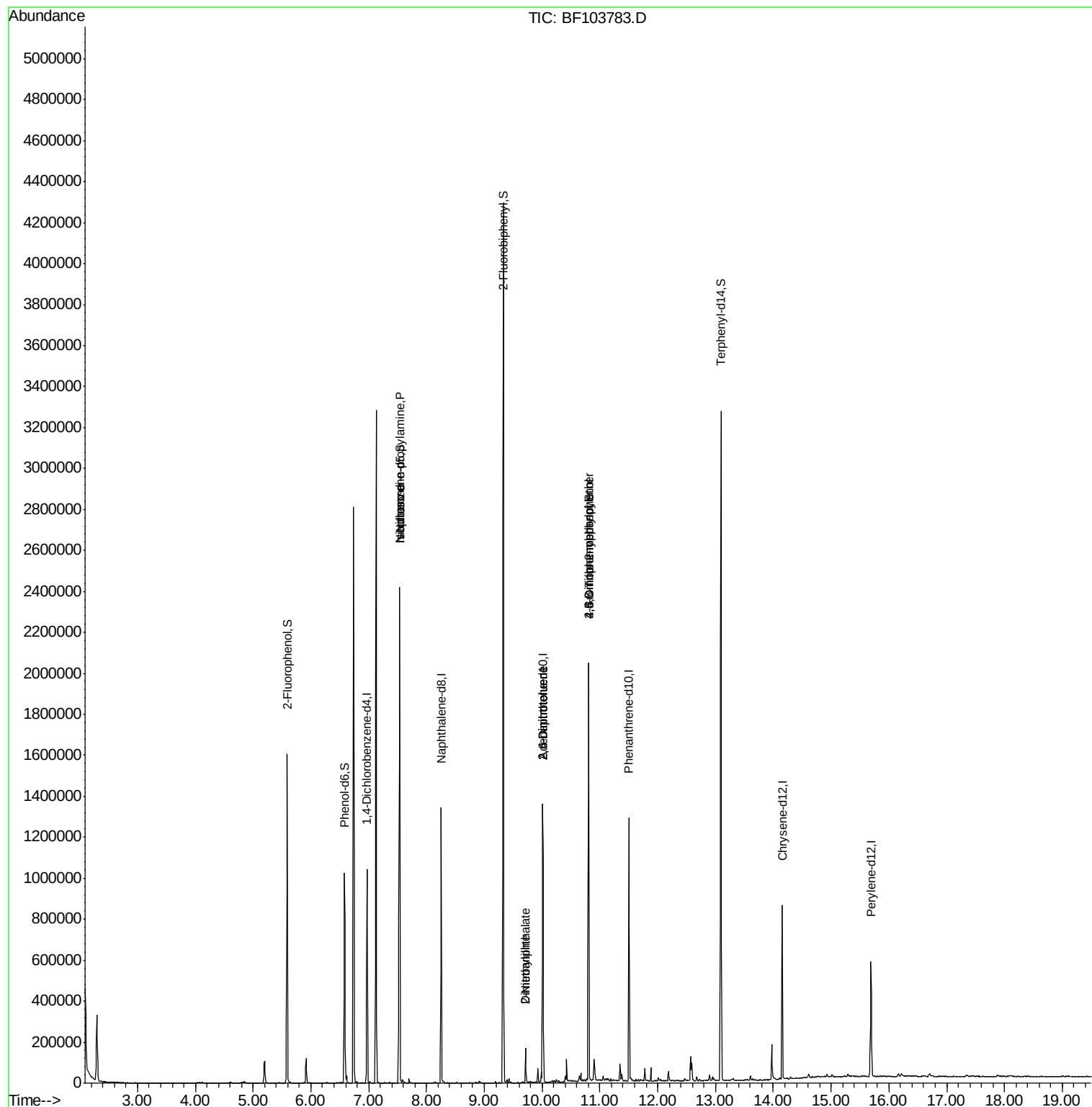
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	126061	16.535	ng	# 72
25) Isophorone	7.53	82	970831	49.356	ng	# 64
47) 2-Nitroaniline	9.72	65	435	6.897	ng	# 1
49) Dimethylphthalate	9.72	163	58209	2.921	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	32955	11.823	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	32955	12.088	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	425	8.424	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14874	3.504	ng	# 1

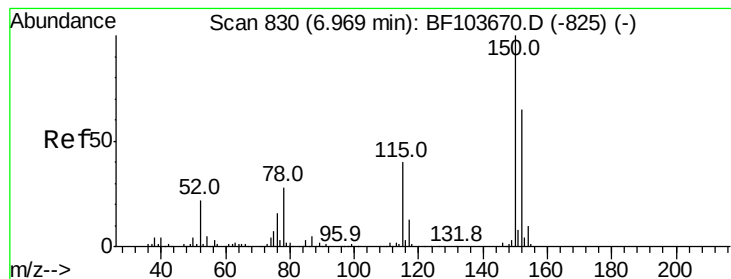
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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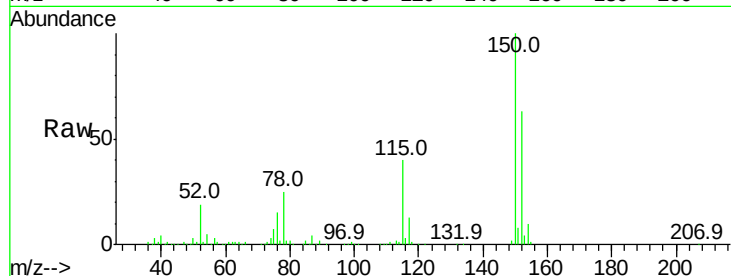


#1

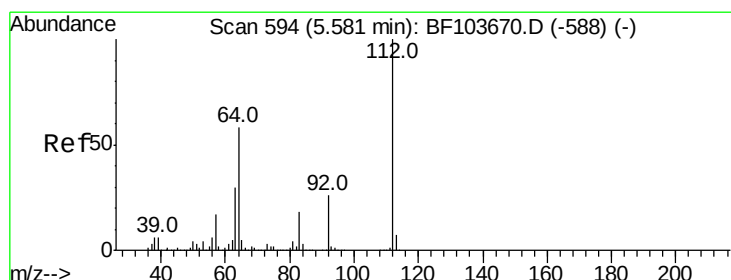
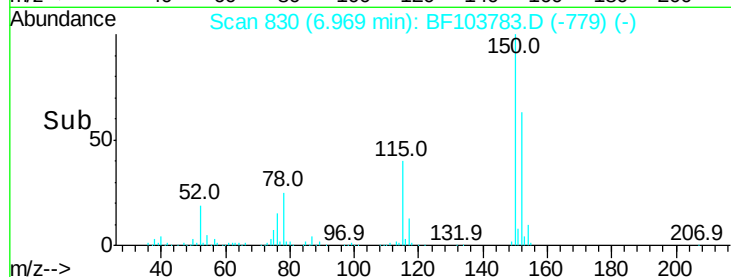
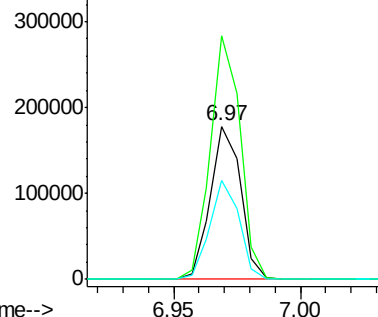
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	64.4	50.1	75.1



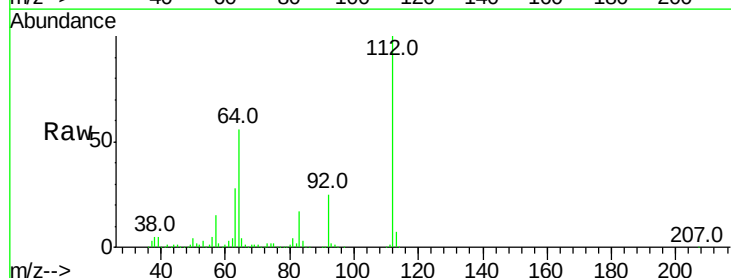
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



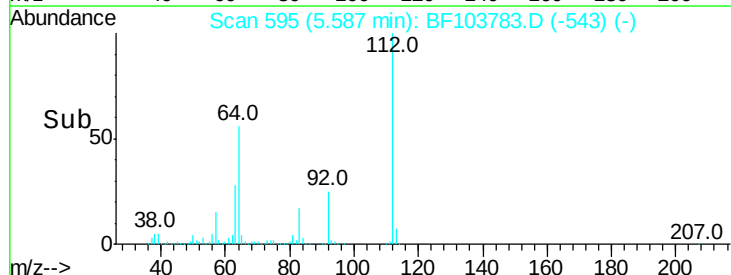
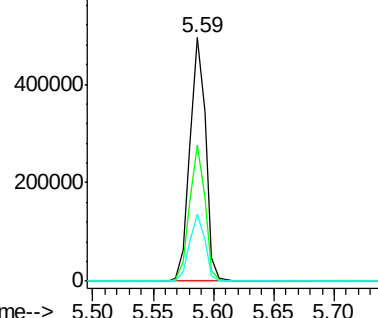
#5

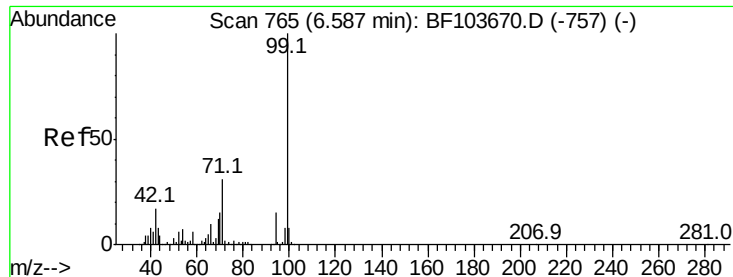
2-Fluorophenol
Concen: 45.267 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.6	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: 27.966 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Instrument :

BNA_F

ClientSampled :

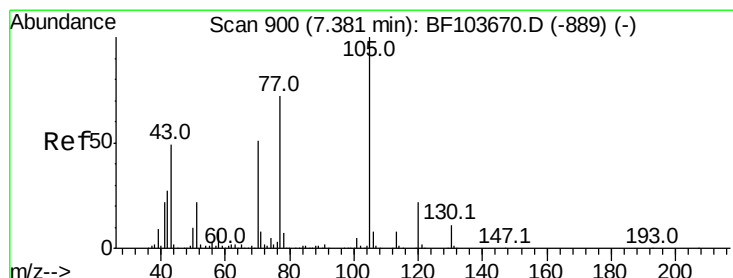
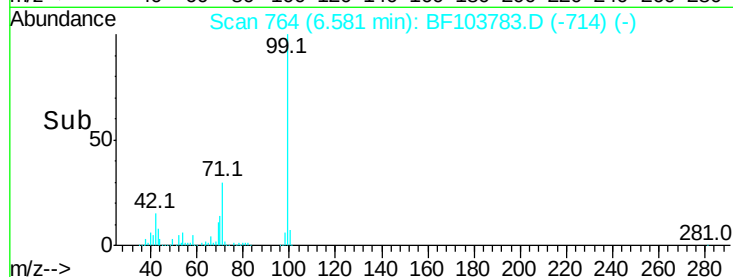
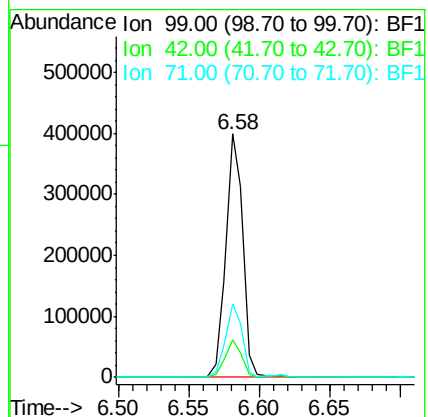
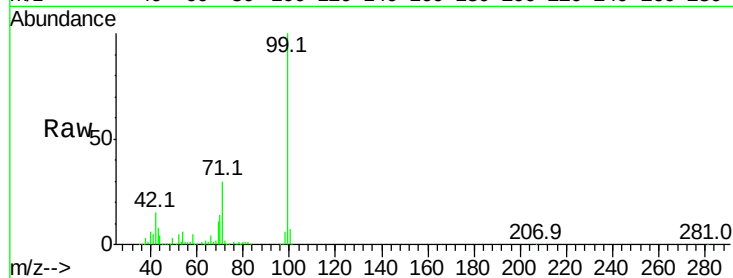
Tot Ion: 99 Resp: 332682

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 30.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.535 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Tgt Ion: 70 Resp: 126061

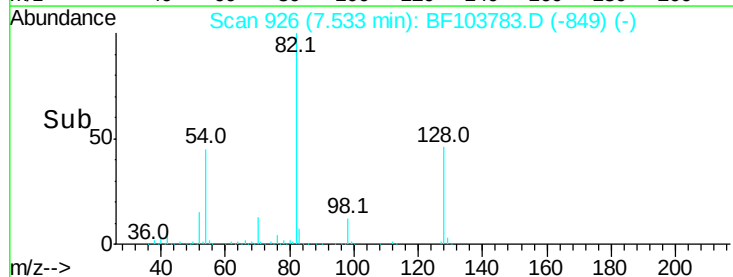
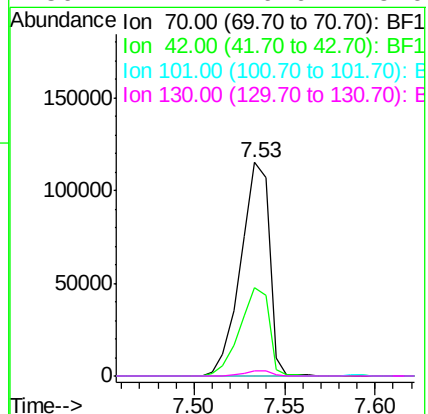
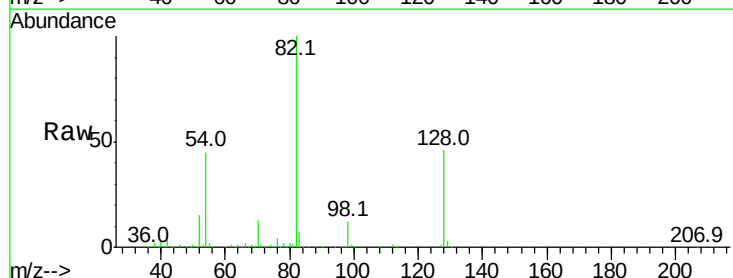
Ion Ratio Lower Upper

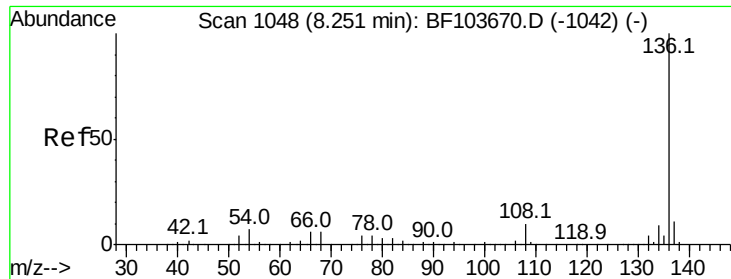
70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

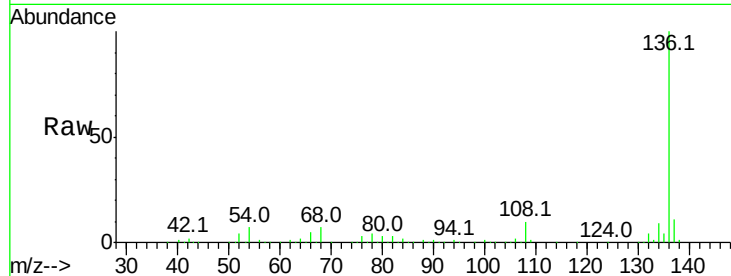




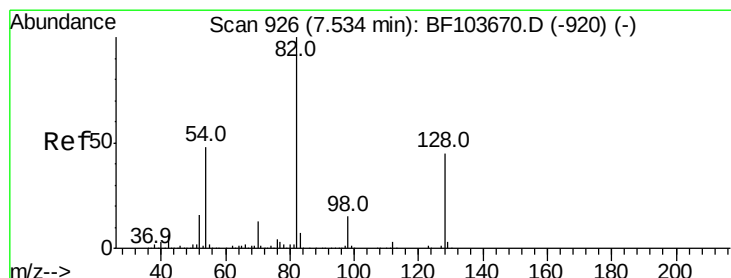
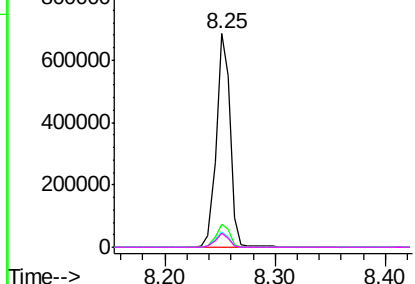
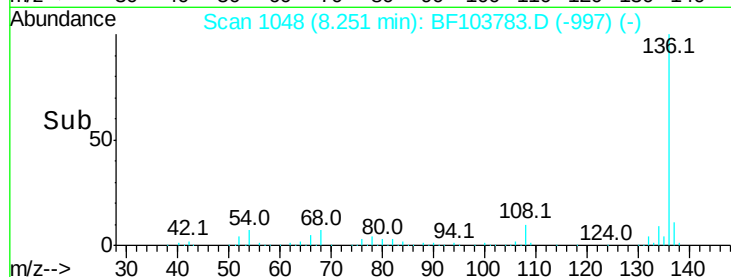
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	592540
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.4	6.6 9.8
68	6.7	5.0 7.4

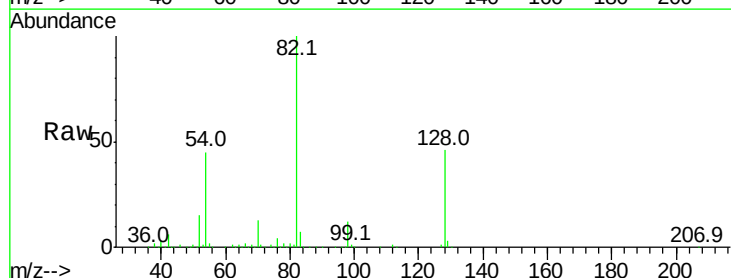


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

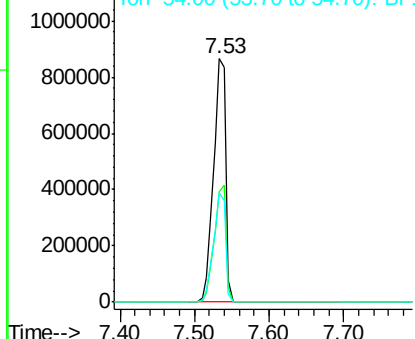
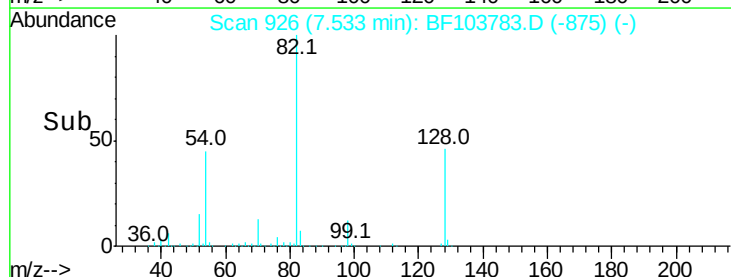


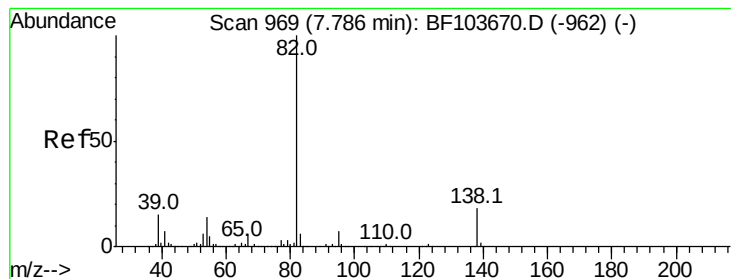
#23
Nitrobenzene-d5
Concen: 114.257 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion: 82	Resp:	970836
Ion Ratio	Lower	Upper
82	100	
128	45.6	36.1 54.1
54	44.9	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: 49.356 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

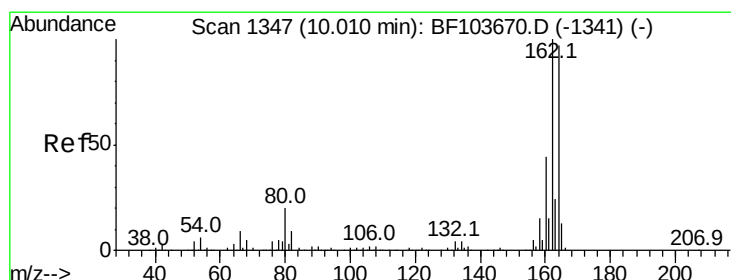
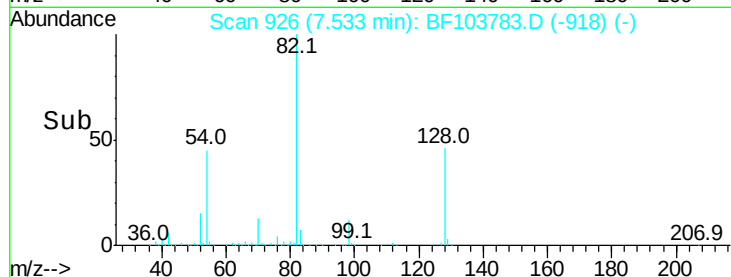
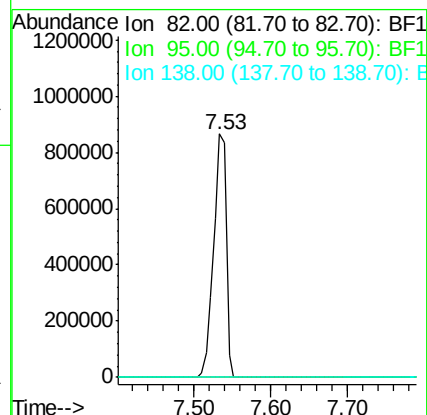
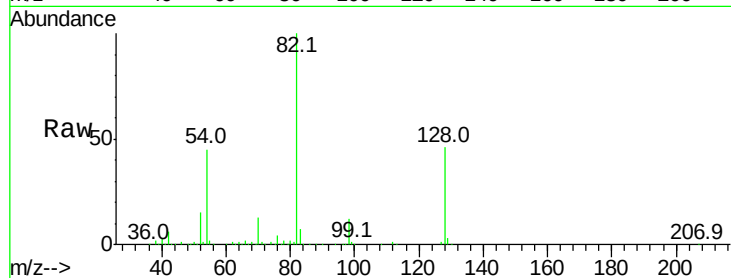
Tot Ion: 82 Resp: 970831

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: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

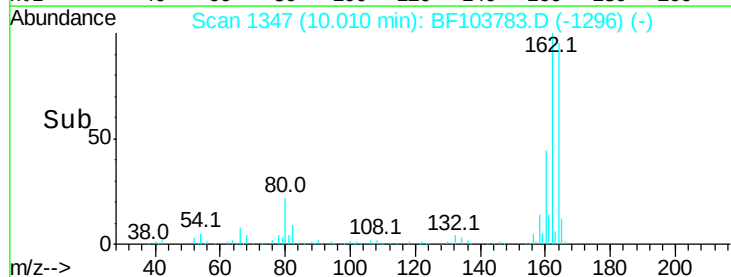
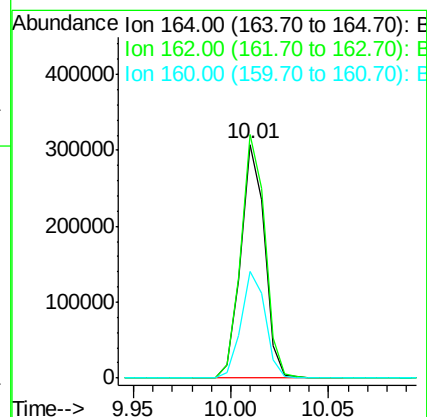
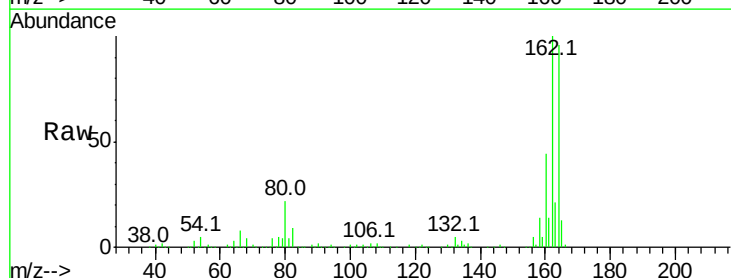
Tgt Ion:164 Resp: 261191

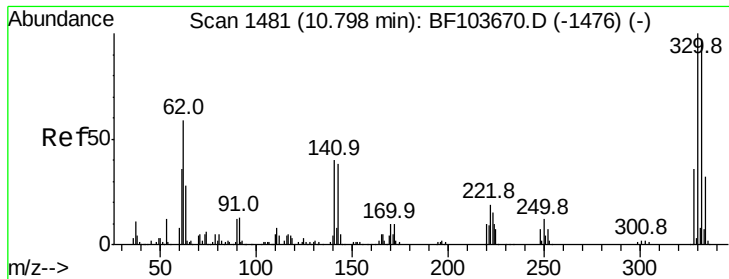
Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

160 45.5 38.3 57.5

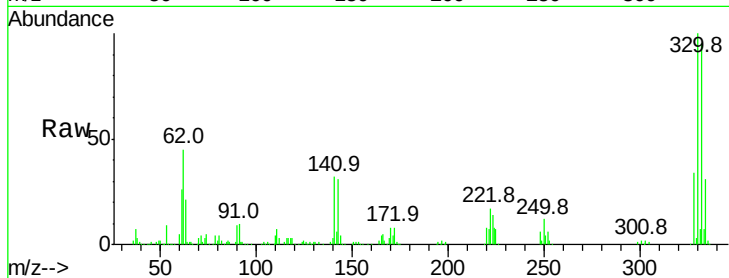




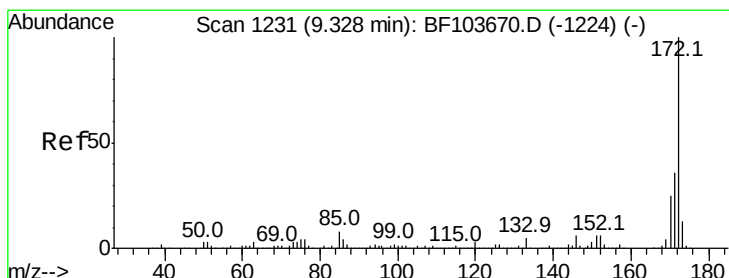
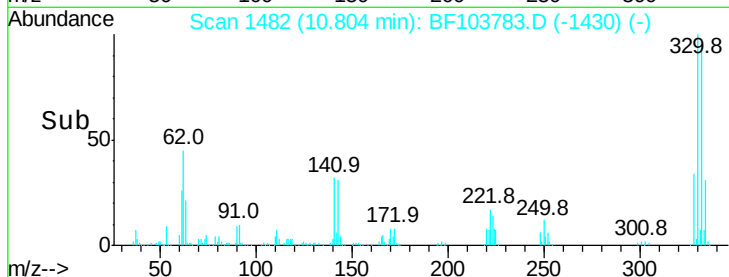
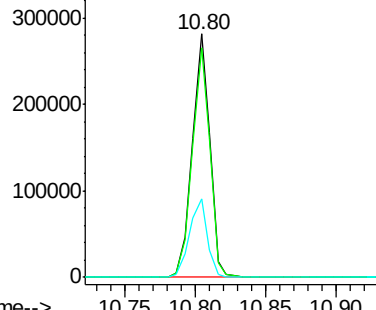
#41
 2,4,6-Tribromophenol
 Concen: 108.138 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 242850
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 32.9 29.9 44.9

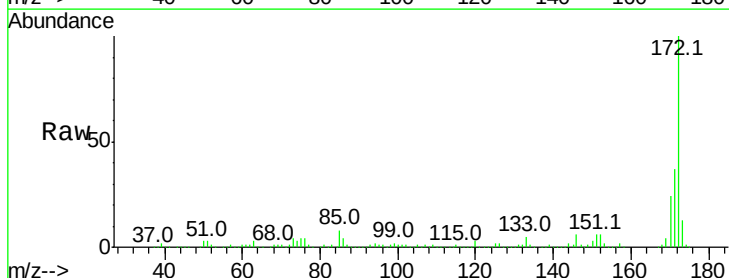


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

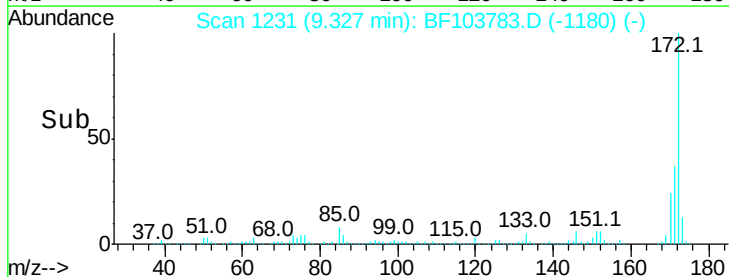
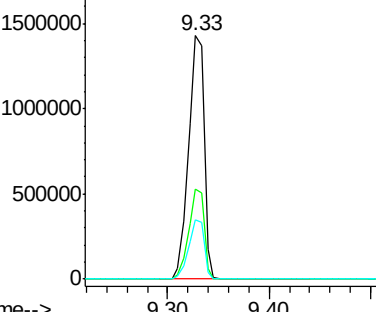


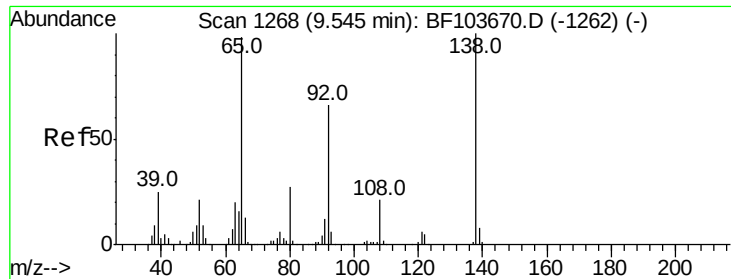
#44
 2-Fluorobiphenyl
 Concen: 93.366 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

Tgt Ion:172 Resp: 1528778
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.4 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





#47

2-Nitroaniline

Concen: 6.897 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.17 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

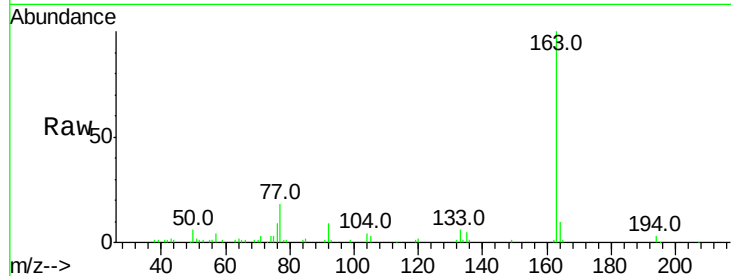
Tot Ion: 65 Resp: 435

Ion Ratio Lower Upper

65 100

92 1051.3 55.8 83.6#

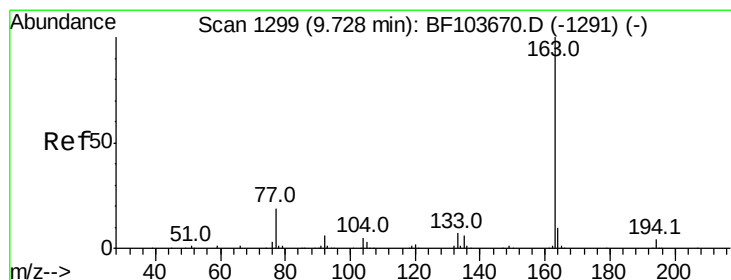
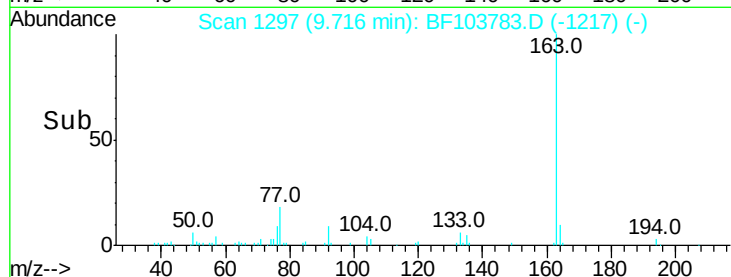
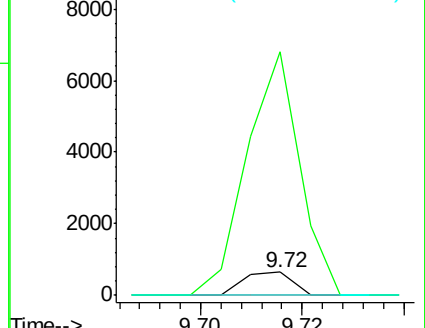
138 0.0 91.2 136.8#



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



#49

Dimethylphthalate

Concen: 2.921 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

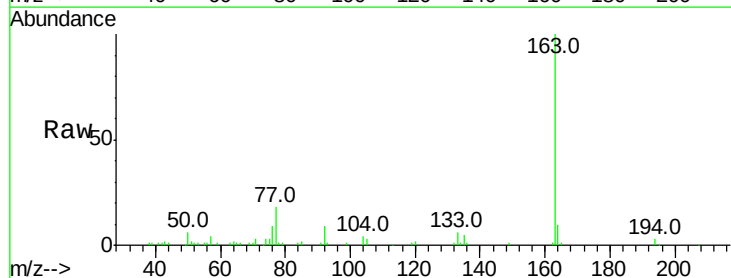
Tgt Ion:163 Resp: 58209

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

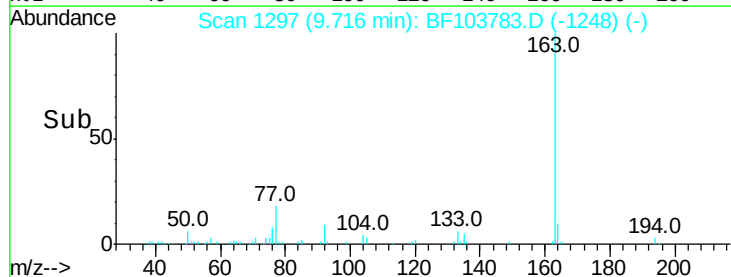
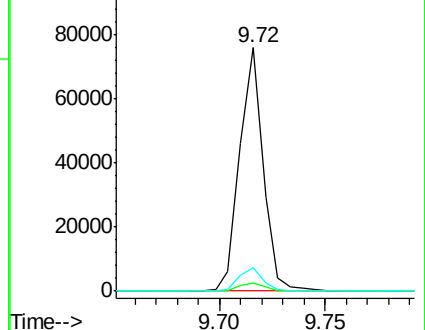
164 9.8 8.2 12.2

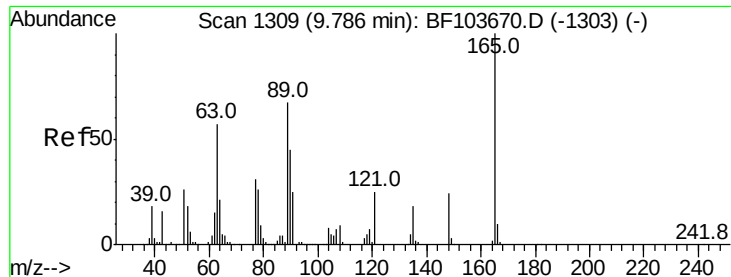


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 11.823 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

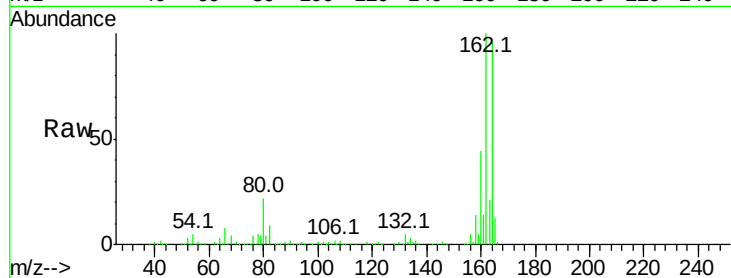
Tot Ion:165 Resp: 32955

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

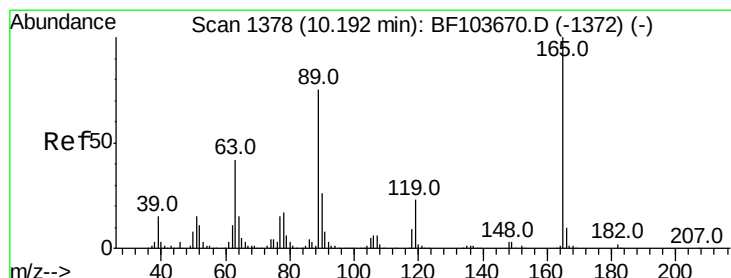
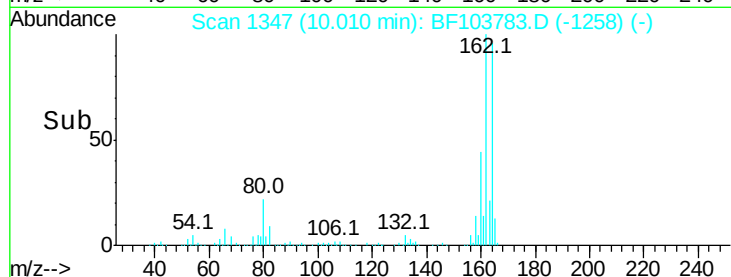
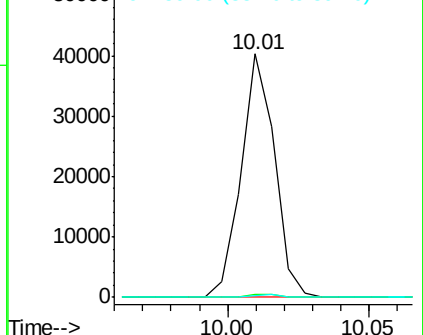
89 1.0 44.0 66.0#



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: 12.088 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF103783.D

Acq: 20 Mar 2018 3:38

Tgt Ion:165 Resp: 32955

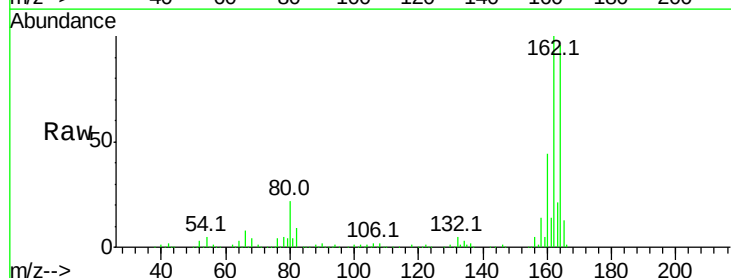
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.0 57.8 86.6#

182 0.0 1.6 2.4#

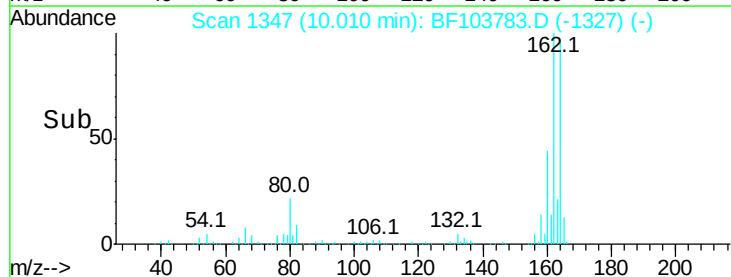
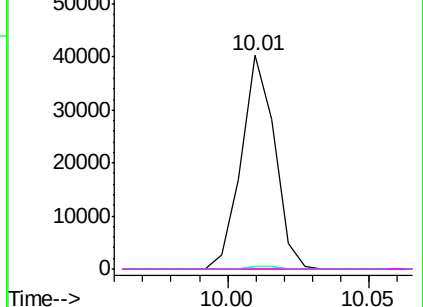


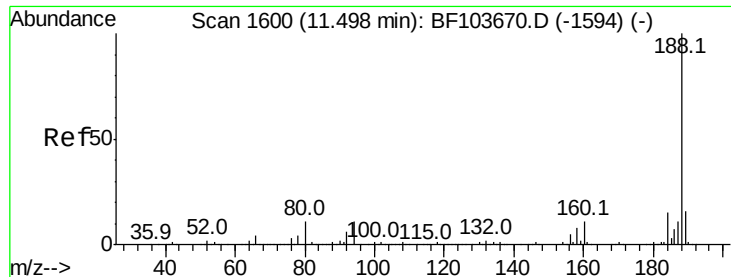
Abundance Ion 165.00 (164.70 to 165.70): E

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

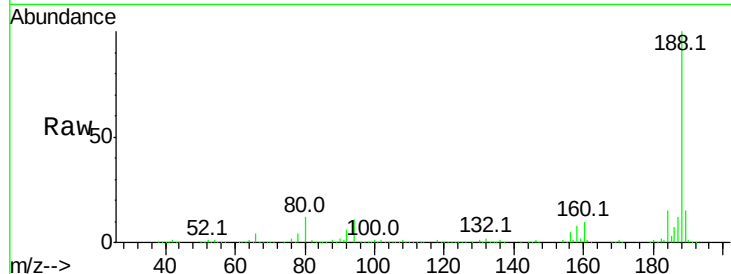




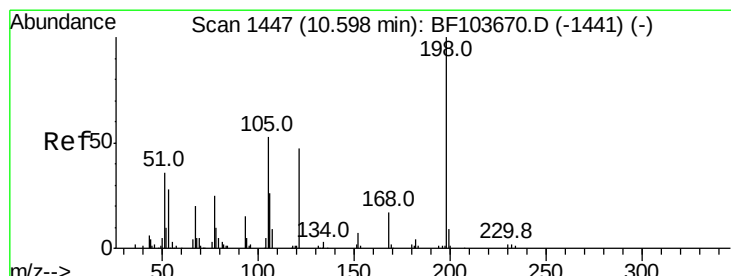
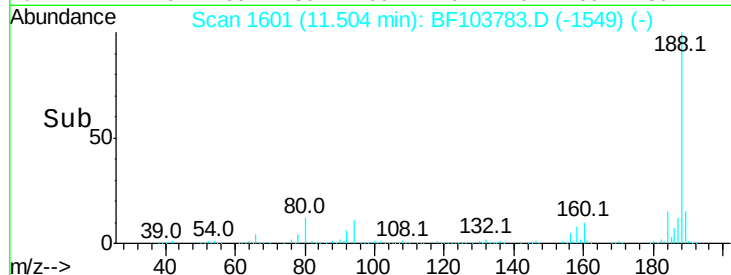
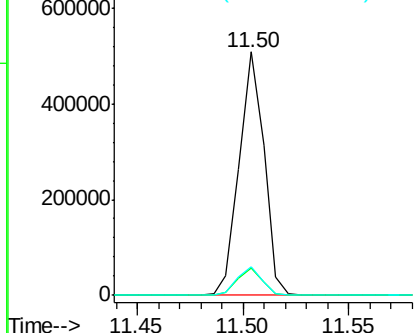
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 413446
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.6 9.2 13.8

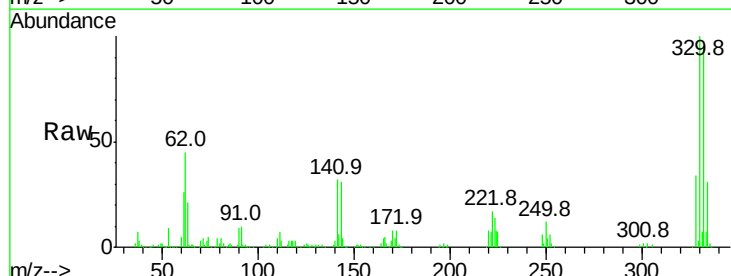


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

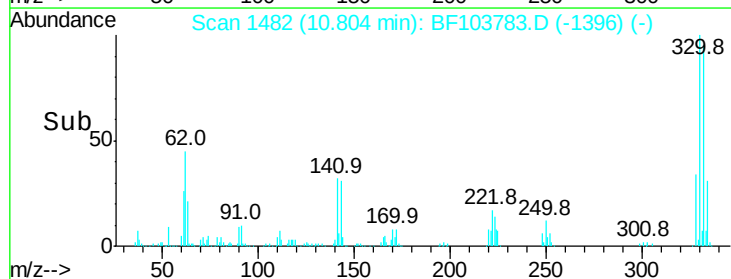
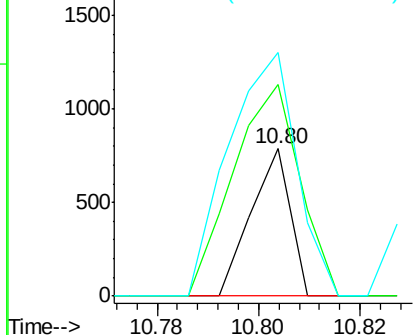


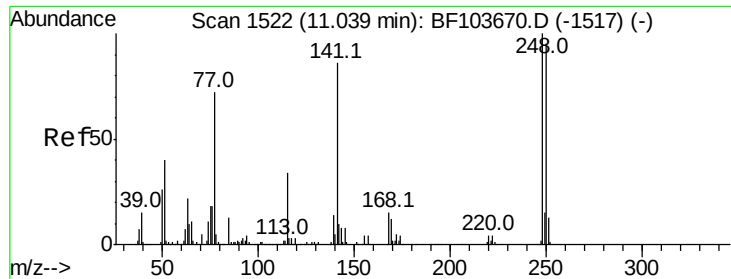
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.424 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.21 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

Tgt Ion:198 Resp: 425
 Ion Ratio Lower Upper
 198 100
 51 143.5 37.7 77.7#
 105 165.3 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

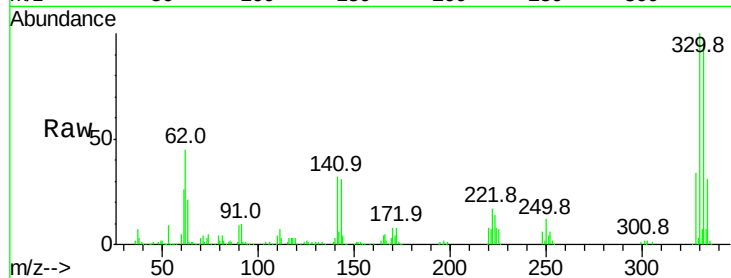




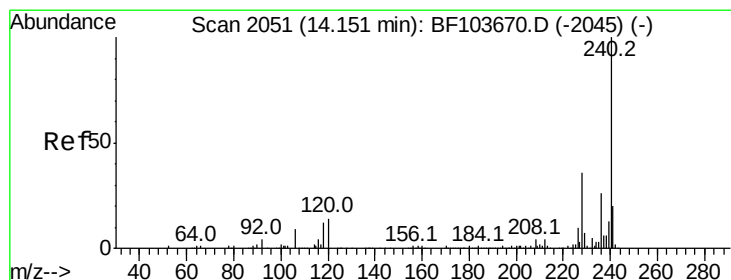
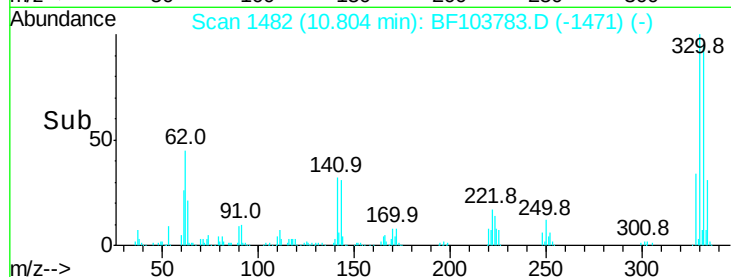
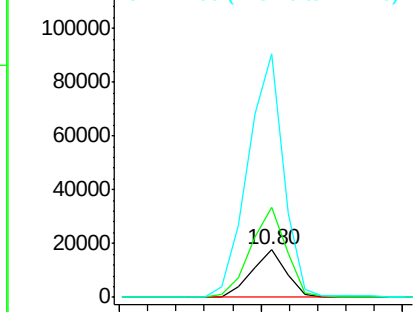
#66
4-Bromophenyl-phenylether
Concen: 3.504 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14874
Ion Ratio Lower Upper
248 100
250 189.0 76.9 115.3#
141 514.9 74.4 111.6#

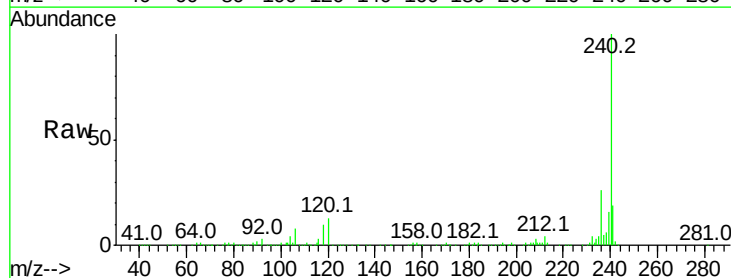


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

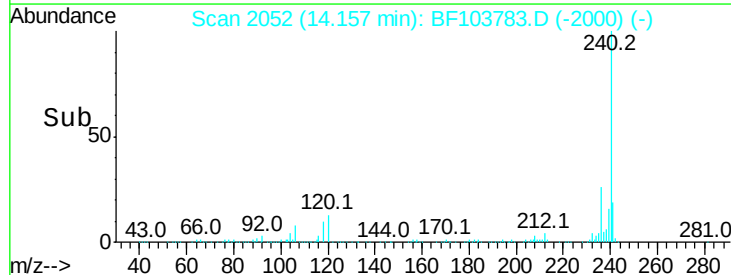
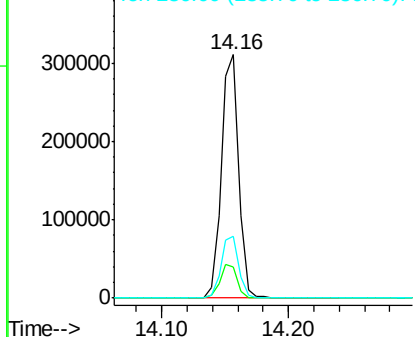


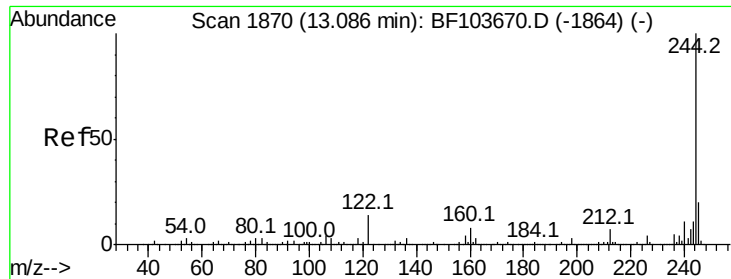
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:240 Resp: 295978
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.5 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

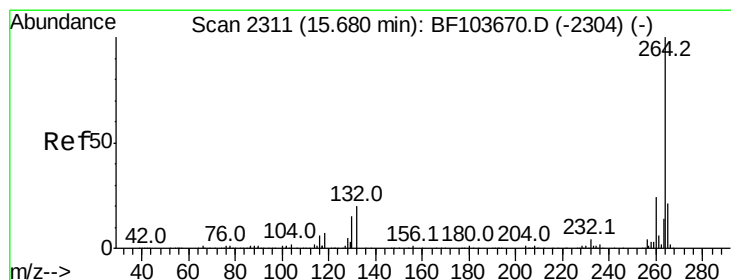
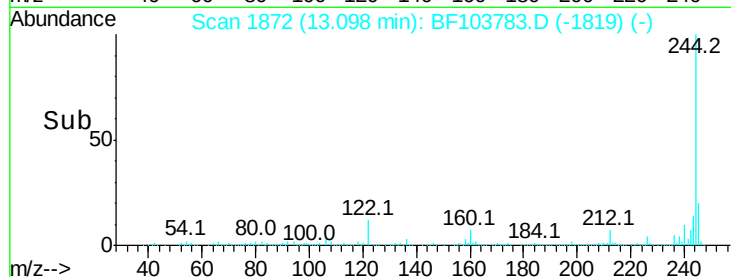
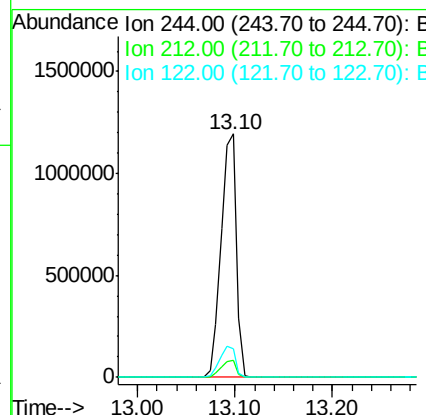
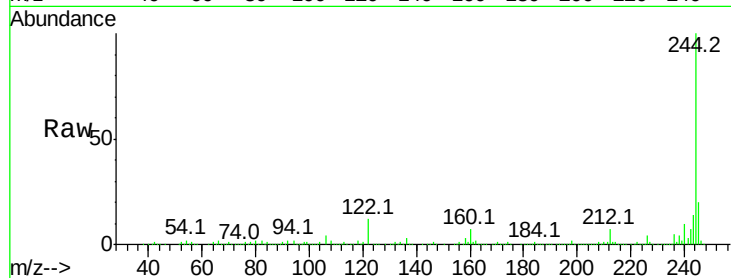




#78
 Terphenyl-d14
 Concen: 101.731 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1297212
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103783.D
 Acq: 20 Mar 2018 3:38

Tgt Ion:264 Resp: 248214
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 22.7 17.5 26.3

