

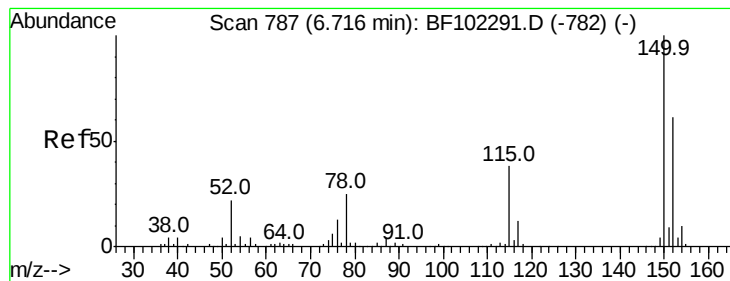
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102602.D
 Acq On : 29 Jan 2018 17:40
 Operator : SJ/JU
 Sample : PB106132BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:10:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	149062	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	626423	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	284439	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	521337	20.00	ng	0.00
75) Chrysene-d12	13.88	240	455875	20.00	ng	0.00
86) Perylene-d12	15.32	264	375522	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1057159	107.53	ng	0.01
7) Phenol-d6	6.36	99	1230674	103.84	ng	0.00
23) Nitrobenzene-d5	7.28	82	780157	71.57	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	254700	90.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1363587	70.49	ng	0.00
78) Terphenyl-d14	12.83	244	1355004	67.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	102076	14.073	ng	# 78
25) Isophorone	7.28	82	767389	39.489	ng	# 64
49) Dimethylphthalate	9.75	163	75152	3.197	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	35561	7.015	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	35561	5.705	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	18185	3.240	ng	# 1

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

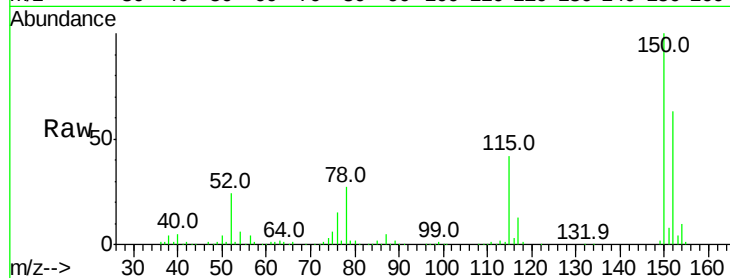


#1

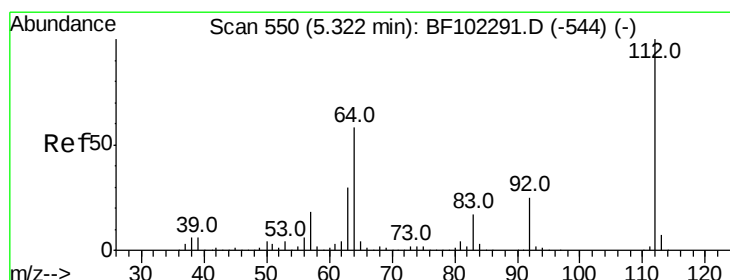
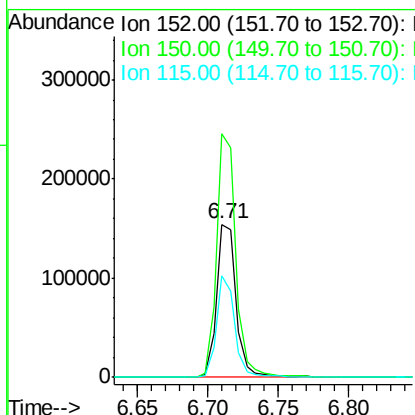
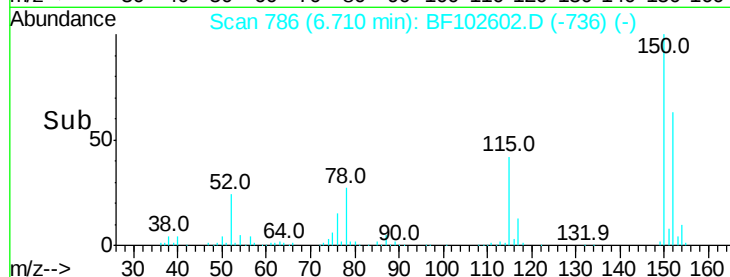
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102602.D
Acq: 29 Jan 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149062
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 66.4 50.1 75.1



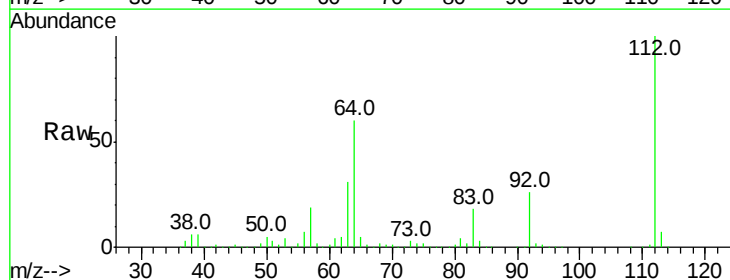
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



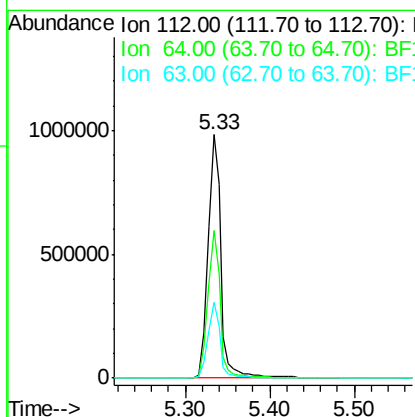
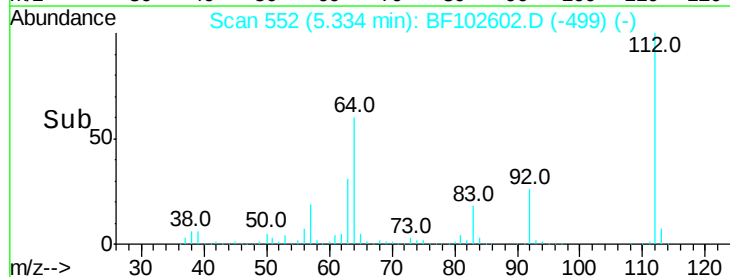
#5

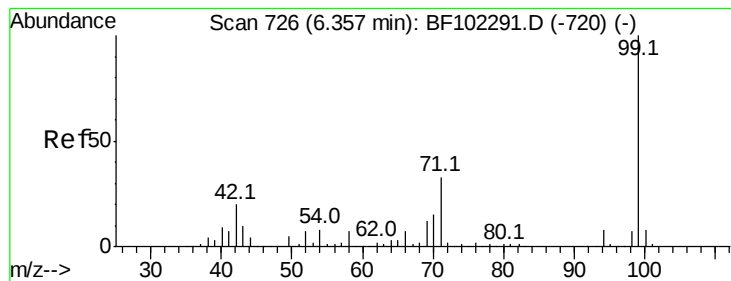
2-Fluorophenol
Concen: 107.534 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102602.D
Acq: 29 Jan 2018 17:40

Tgt Ion:112 Resp: 1057159
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.2 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: 103.837 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102602.D

Acq: 29 Jan 2018 17:40

Instrument :

BNA_F

ClientSampled :

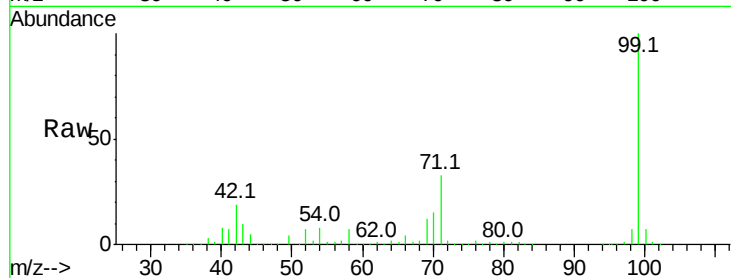
Tot Ion: 99 Resp: 1230674

Ion Ratio Lower Upper

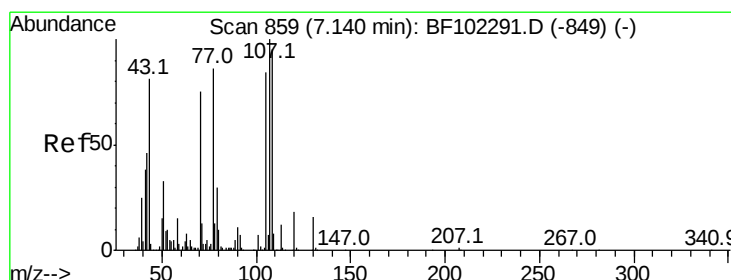
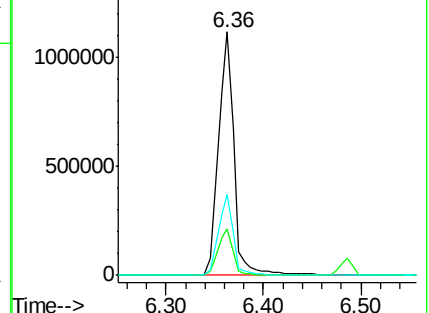
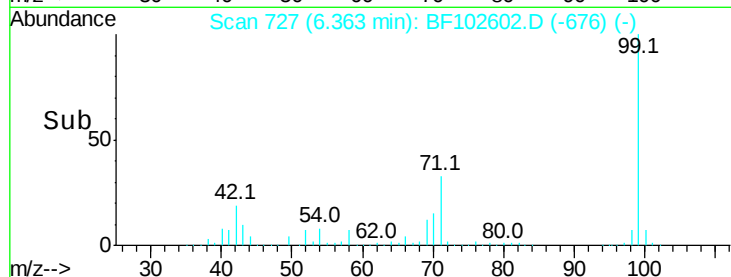
99 100

42 19.2 14.5 21.7

71 33.1 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: 14.073 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102602.D

Acq: 29 Jan 2018 17:40

Tgt Ion: 70 Resp: 102076

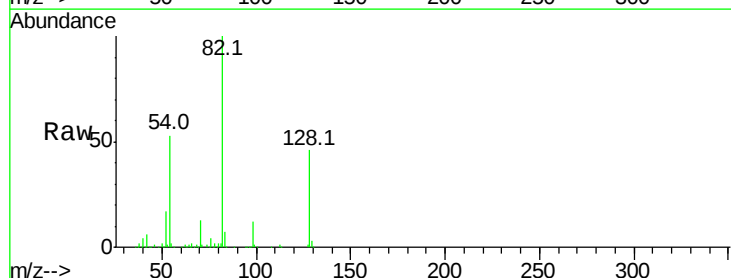
Ion Ratio Lower Upper

70 100

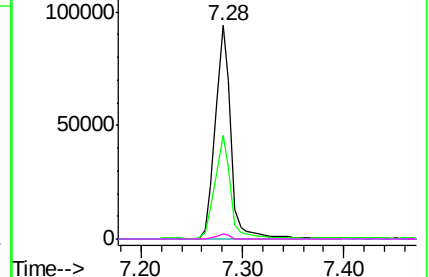
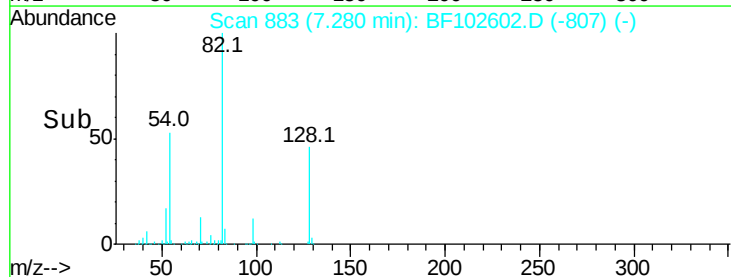
42 48.5 47.5 71.3

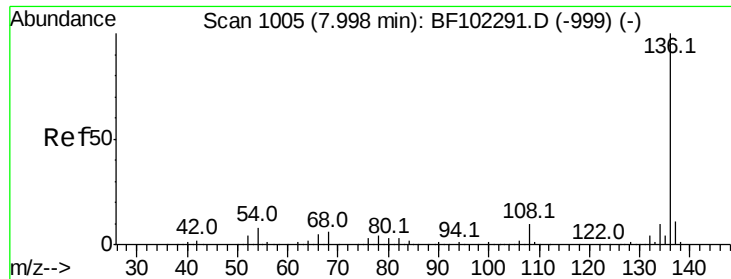
101 0.0 7.4 11.2#

130 2.2 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

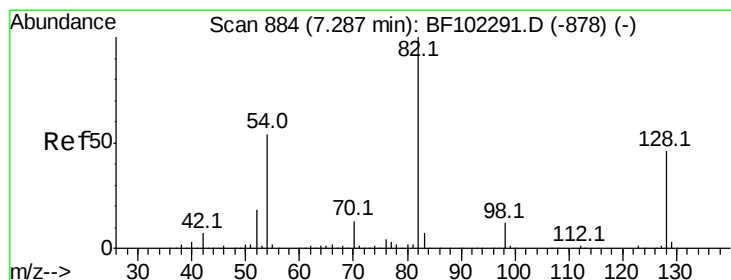
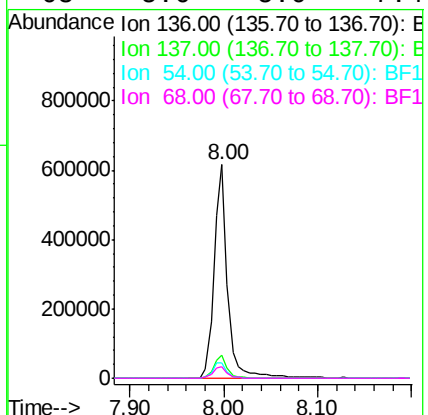
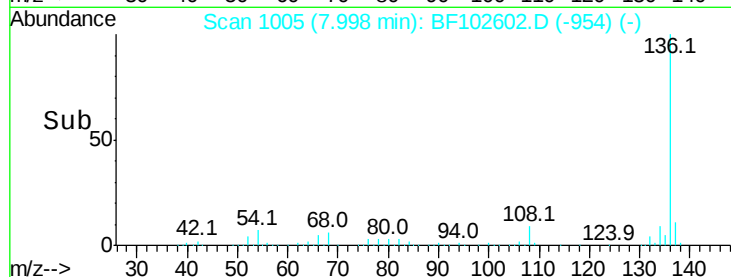
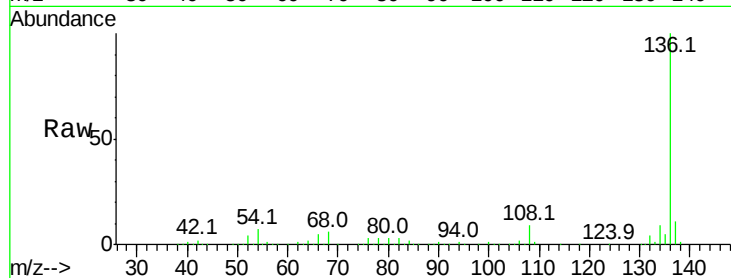




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102602.D
Acq: 29 Jan 2018 17:40

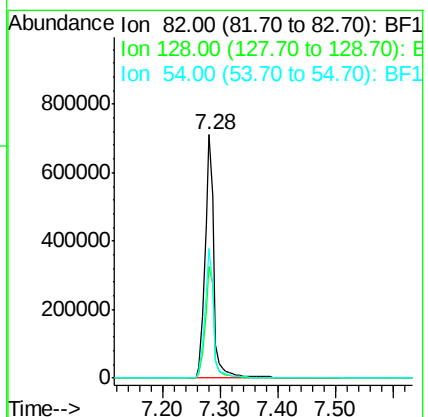
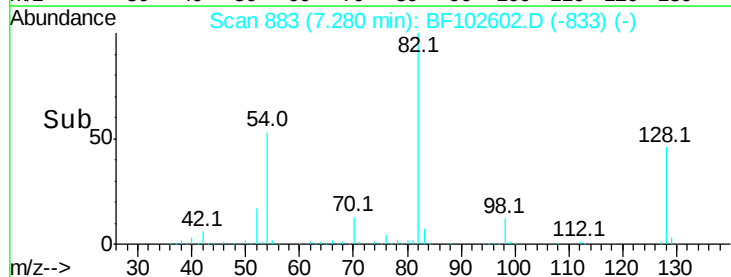
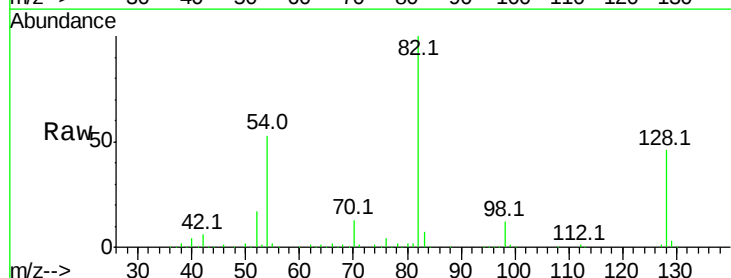
Instrument :
BNA_F
ClientSampled :

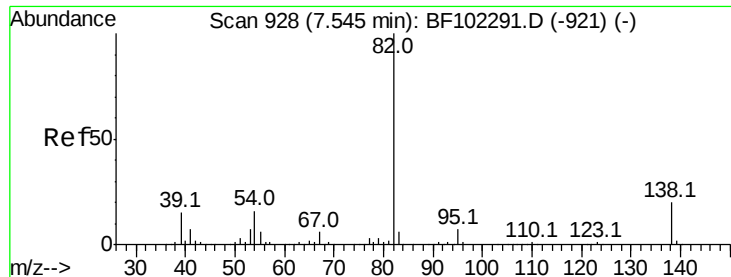
Tot Ion:	136	Resp:	626423
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 71.570 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102602.D
Acq: 29 Jan 2018 17:40

Tgt Ion:	82	Resp:	780157
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	53.1	41.4	62.2





#25

Isophorone

Concen: 39.489 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102602.D

Acq: 29 Jan 2018 17:40

Instrument :

BNA_F

ClientSampled :

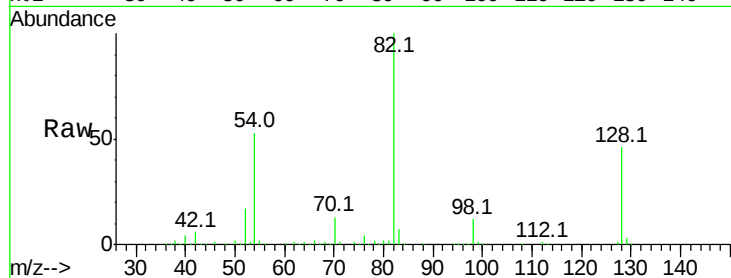
Tot Ion: 82 Resp: 767389

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

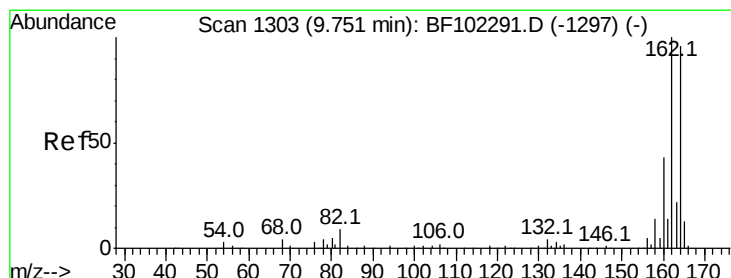
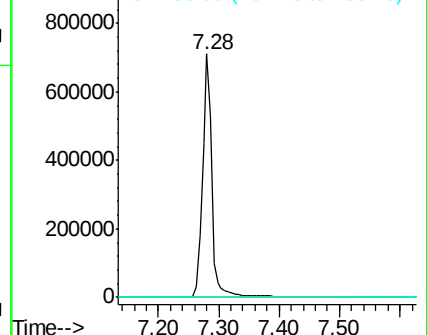
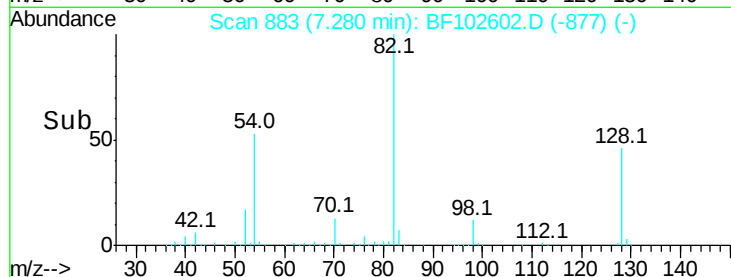
138 0.0 14.9 22.3#



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: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102602.D

Acq: 29 Jan 2018 17:40

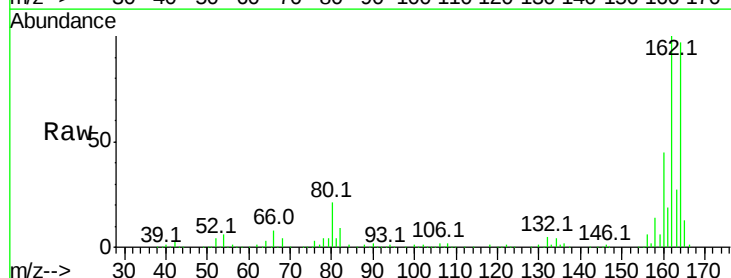
Tgt Ion:164 Resp: 284439

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

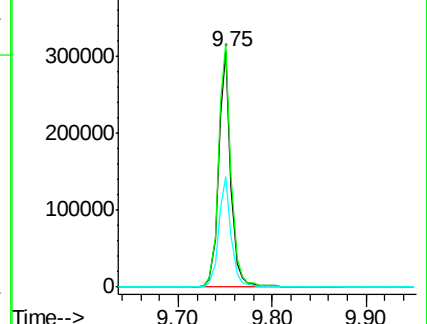
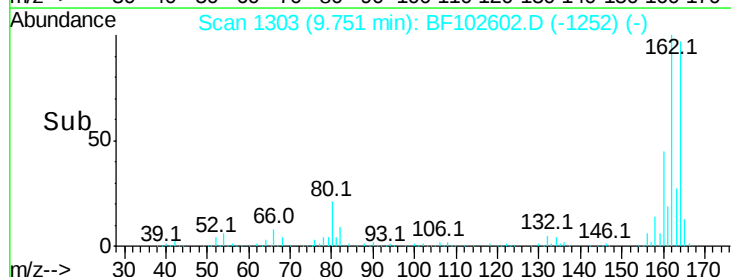
160 46.8 38.3 57.5

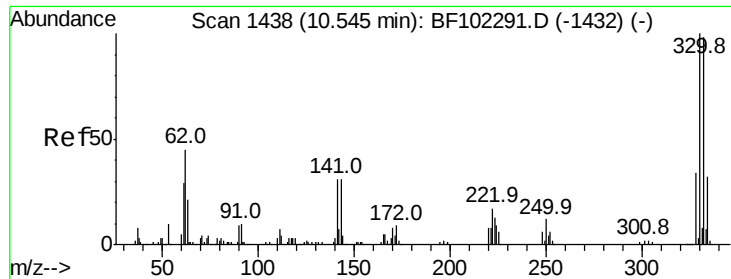


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

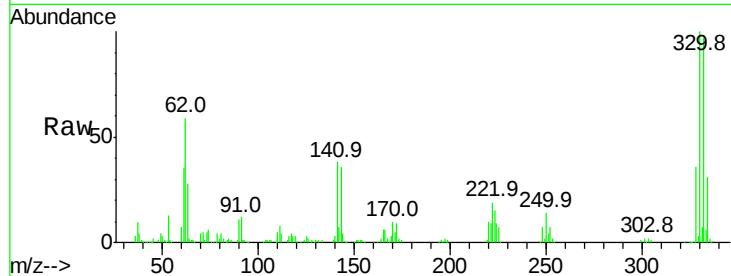




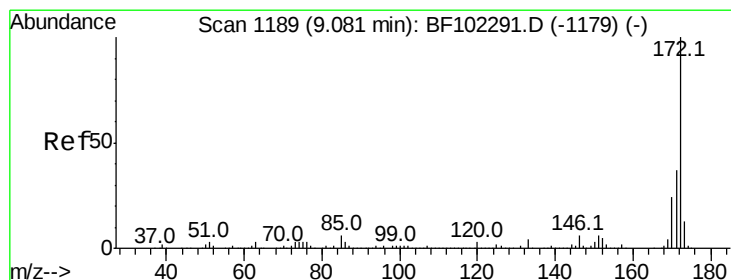
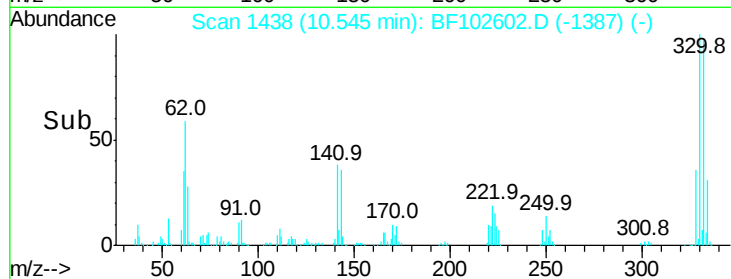
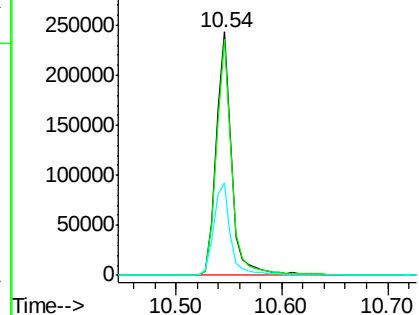
#41
 2,4,6-Tribromophenol
 Concen: 90.371 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102602.D
 Acq: 29 Jan 2018 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 254700
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 41.0 29.9 44.9

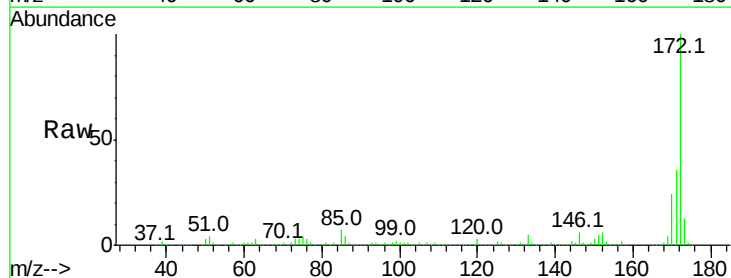


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

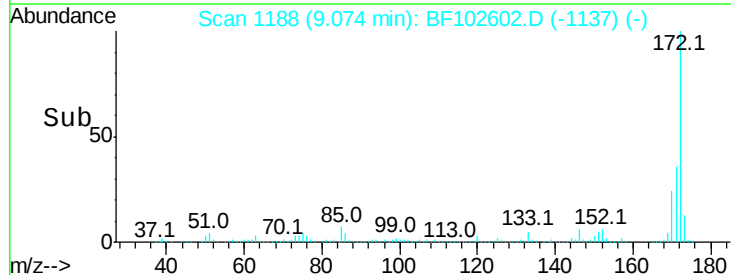
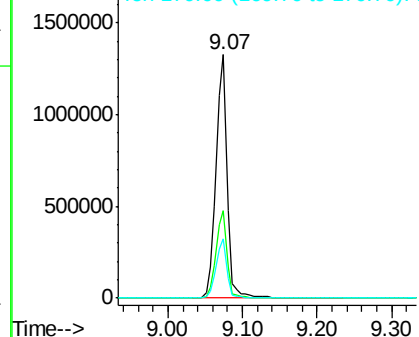


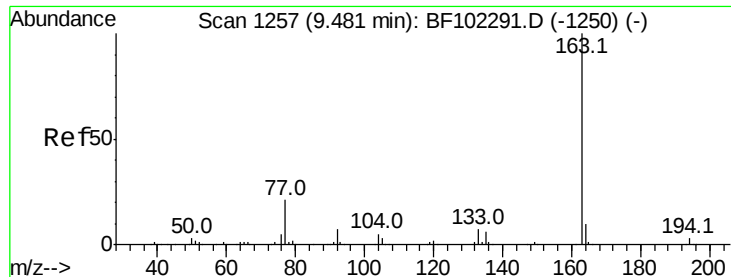
#44
 2-Fluorobiphenyl
 Concen: 70.488 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102602.D
 Acq: 29 Jan 2018 17:40

Tgt Ion:172 Resp: 1363587
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 3.197 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.27 min

Lab File: BF102602.D

Acq: 29 Jan 2018 17:40

Instrument :

BNA_F

ClientSampleId :

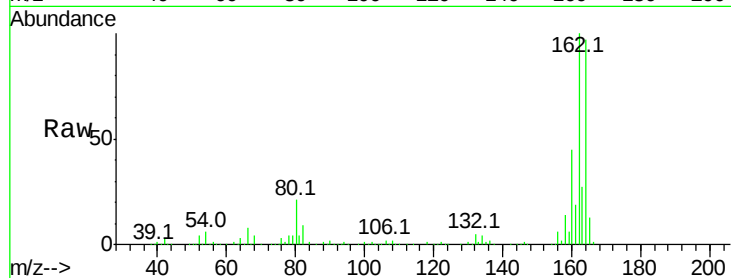
Tot Ion:163 Resp: 75152

Ion Ratio Lower Upper

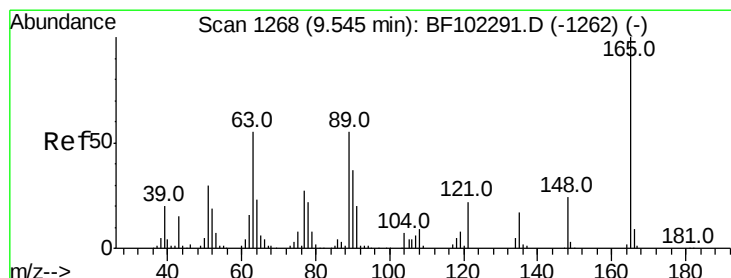
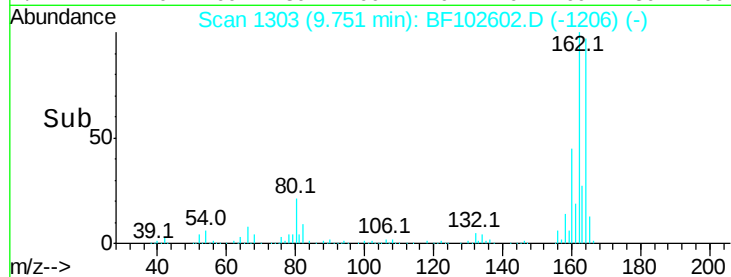
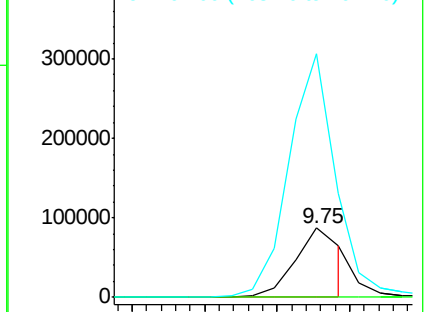
163 100

194 0.0 2.7 4.1#

164 353.3 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: 7.015 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.20 min

Lab File: BF102602.D

Acq: 29 Jan 2018 17:40

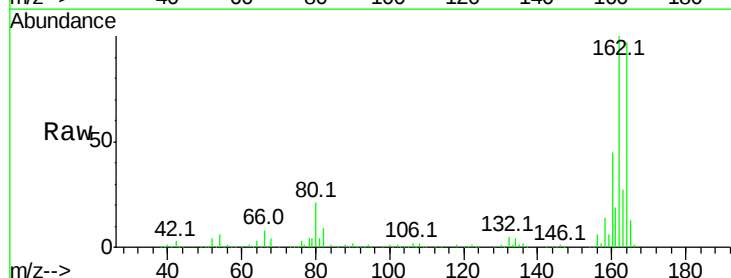
Tgt Ion:165 Resp: 35561

Ion Ratio Lower Upper

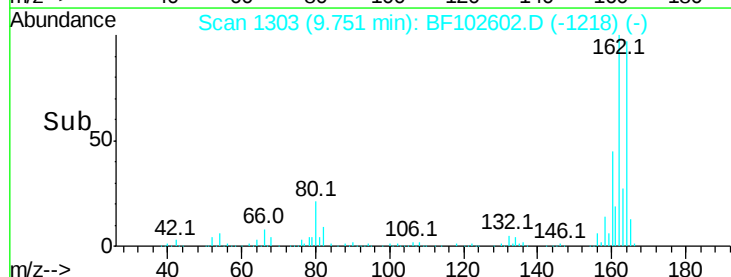
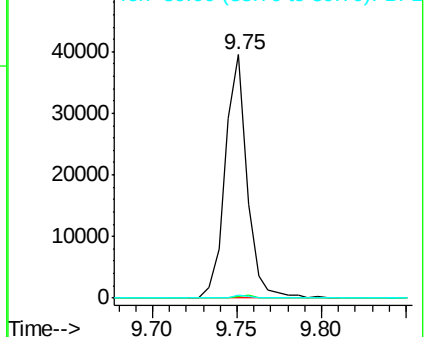
165 100

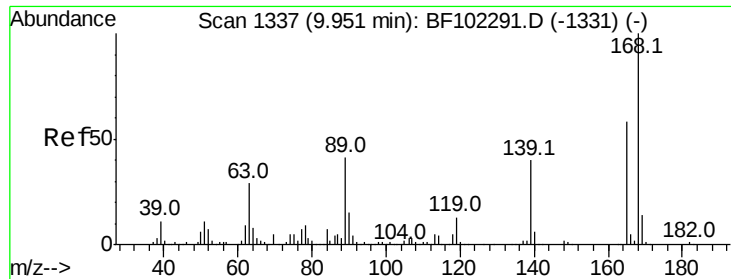
63 0.9 44.7 67.1#

89 1.5 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

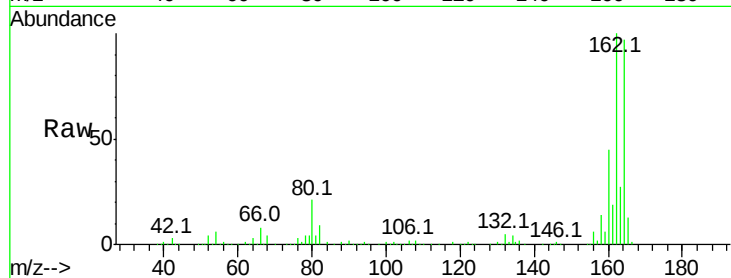




#56
2,4-Dinitrotoluene
Concen: 5.705 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102602.D
Acq: 29 Jan 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

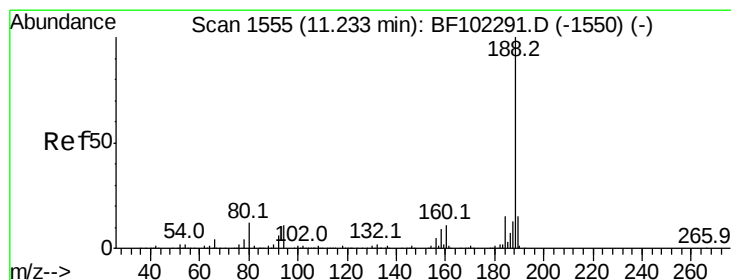
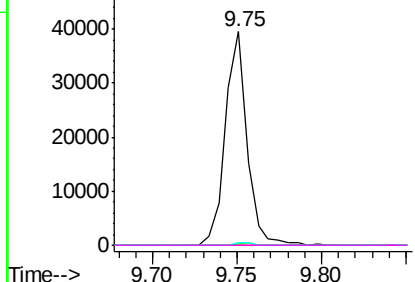
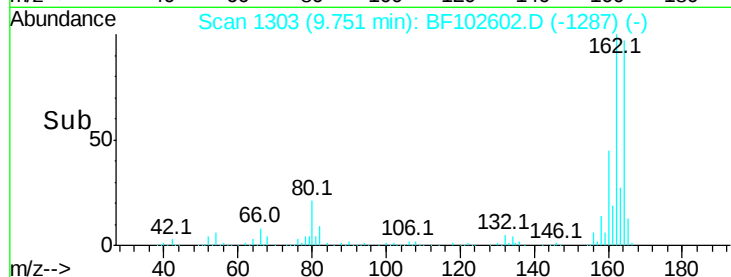


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

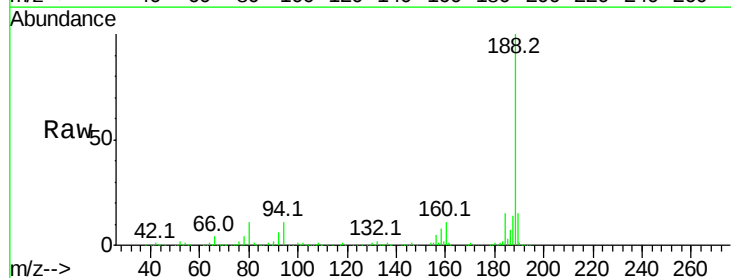
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102602.D
Acq: 29 Jan 2018 17:40

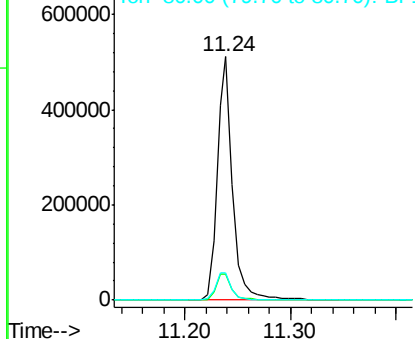
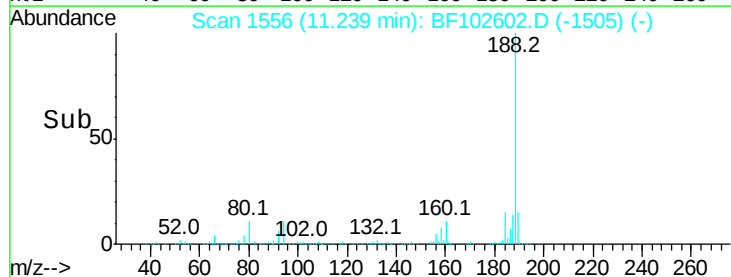
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8

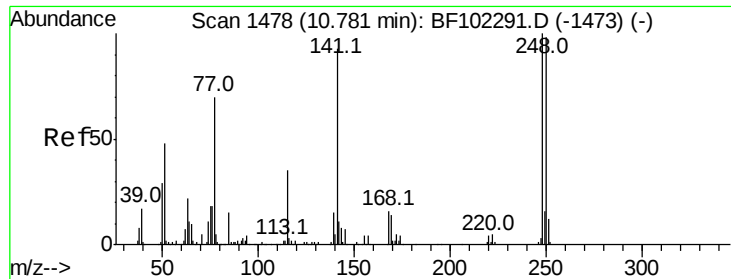


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

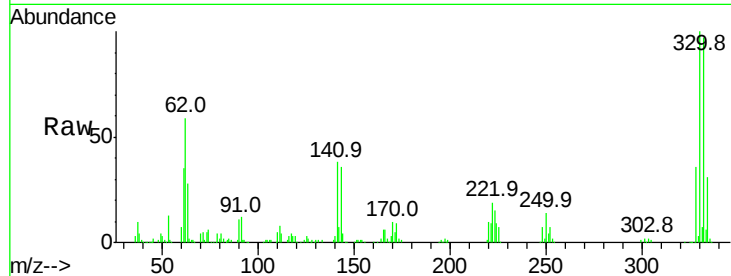




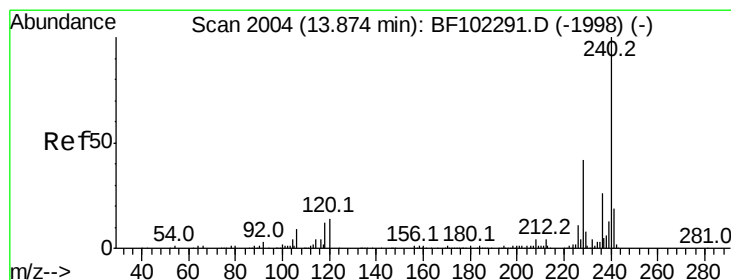
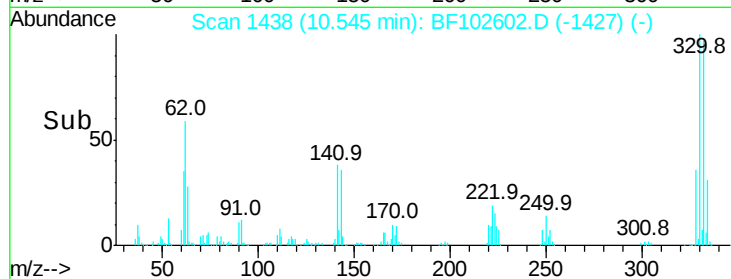
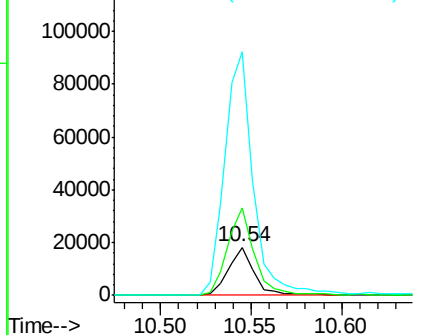
#66
 4-Bromophenyl-phenylether
 Concen: 3.240 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102602.D
 Acq: 29 Jan 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 18185
 Ion Ratio Lower Upper
 248 100
 250 183.3 76.9 115.3#
 141 506.8 74.4 111.6#

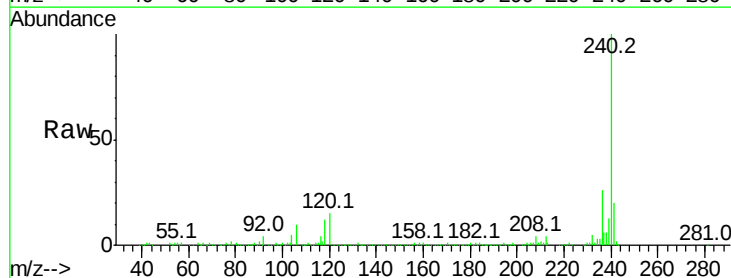


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

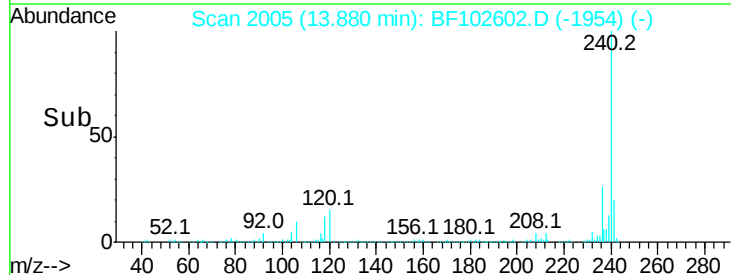
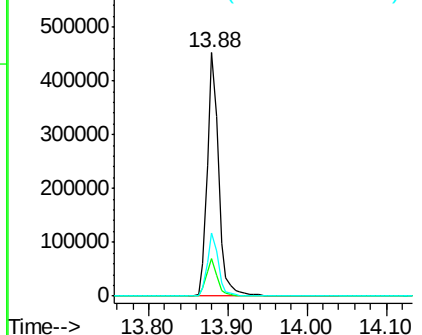


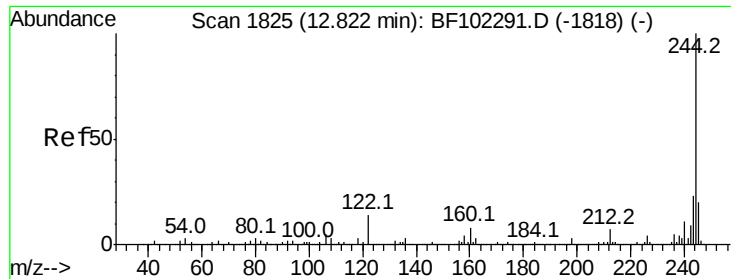
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BF102602.D
 Acq: 29 Jan 2018 17:40

Tgt Ion:240 Resp: 455875
 Ion Ratio Lower Upper
 240 100
 120 15.2 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

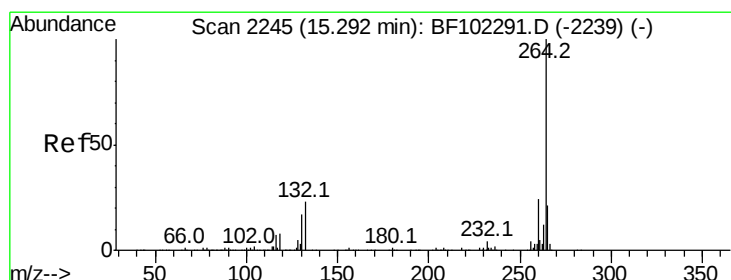
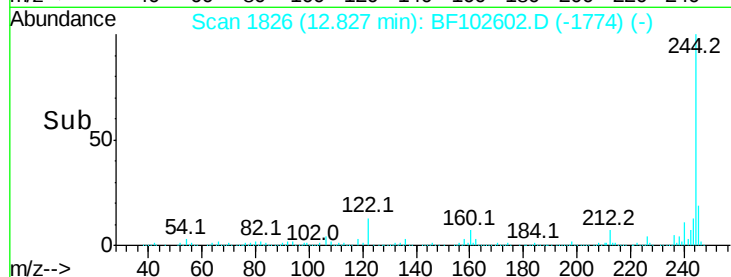
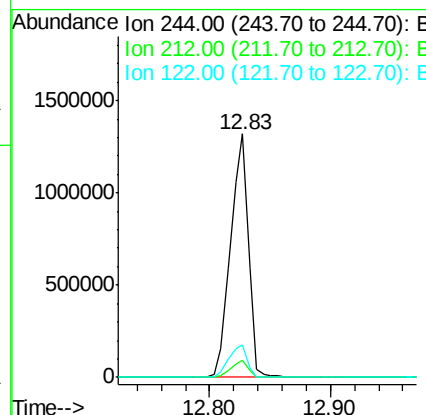
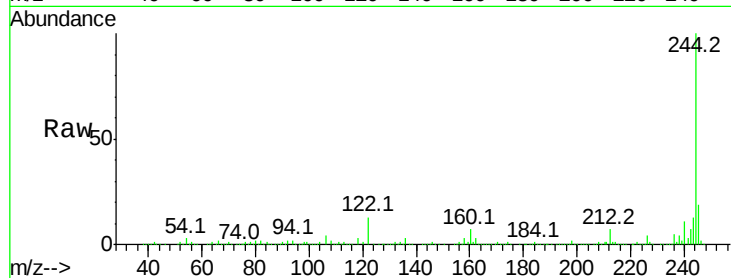




#78
 Terphenyl-d14
 Concen: 67.007 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102602.D
 Acq: 29 Jan 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1355004
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF102602.D
 Acq: 29 Jan 2018 17:40

Tgt Ion:264 Resp: 375522
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 17.5 26.3

