

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101475.D
 Acq On : 18 Dec 2017 12:48
 Operator : SJ/JU
 Sample : PB105093BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BL

Quant Time: Dec 18 15:40:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

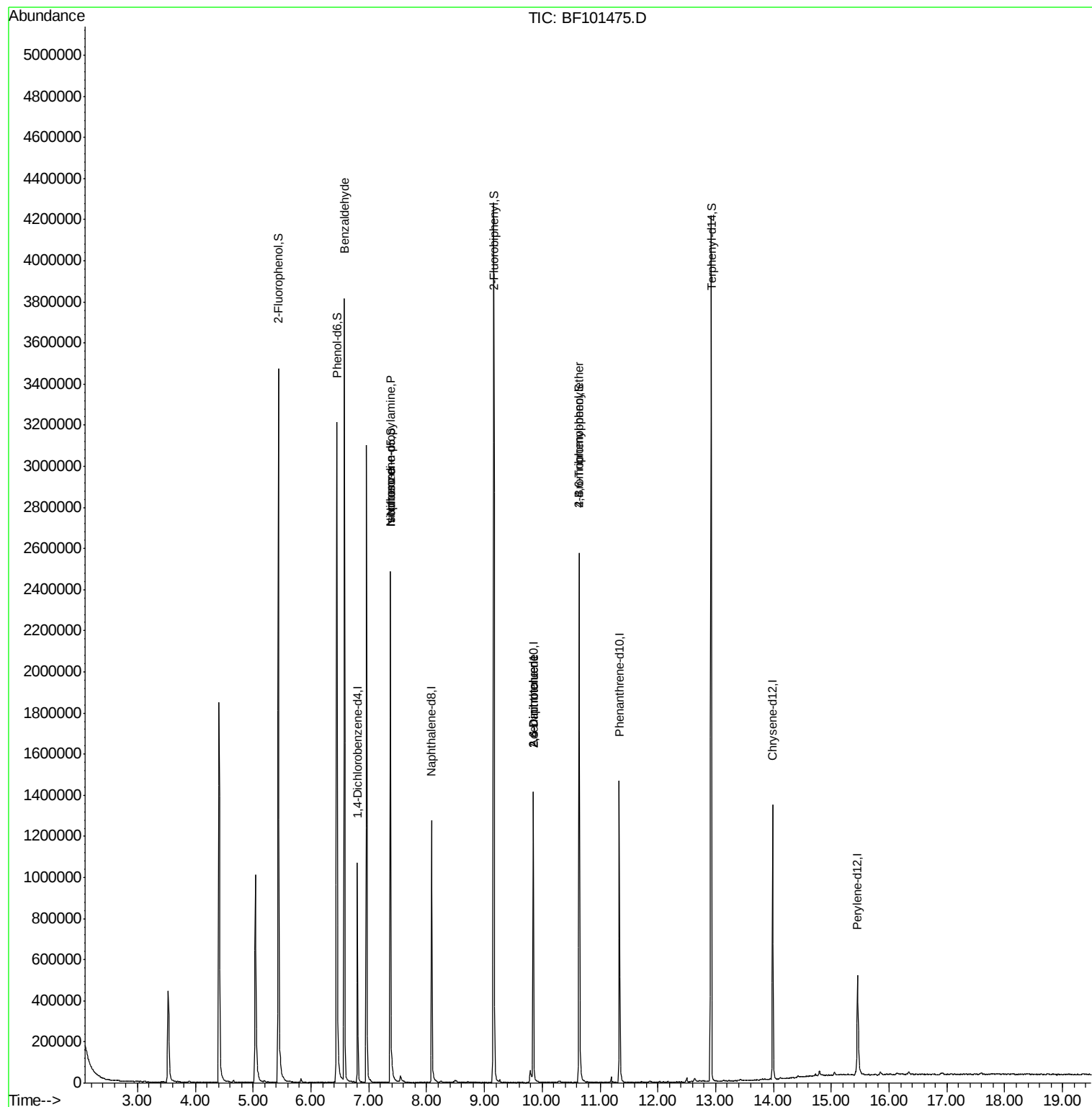
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158994	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	649199	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	296676	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	627080	20.00	ng	0.00
75) Chrysene-d12	13.99	240	527803	20.00	ng	0.00
86) Perylene-d12	15.46	264	220030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1172172	109.82	ng	0.02
7) Phenol-d6	6.45	99	1429297	107.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	934232	80.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	365790	127.96	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1634965	85.49	ng	0.00
78) Terphenyl-d14	12.92	244	1764747	80.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	24081	2.455	ng	84
19) n-Nitroso-di-n-propylamine	7.37	70	124311	14.250	ng	# 82
25) Isophorone	7.37	82	934226	39.932	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	38861	8.012	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	38861	7.112	ng	# 24
66) 4-Bromophenyl-phenylether	10.64	248	22793	3.235	ng	# 1

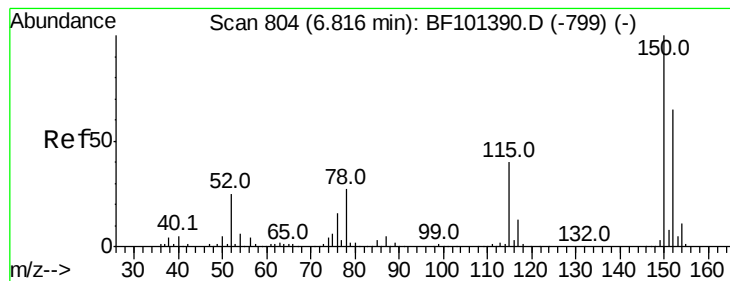
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121817\
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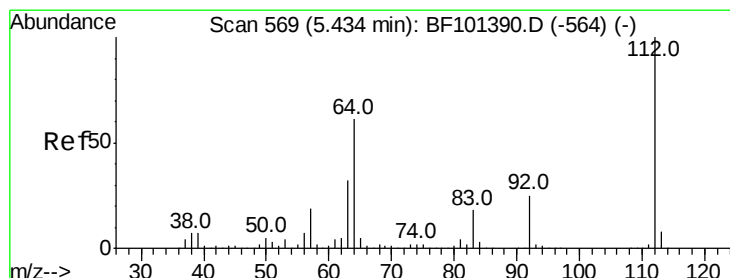
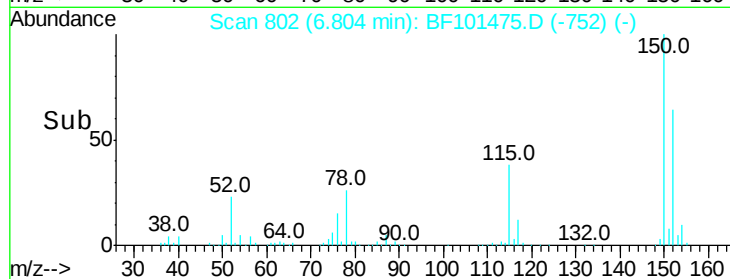
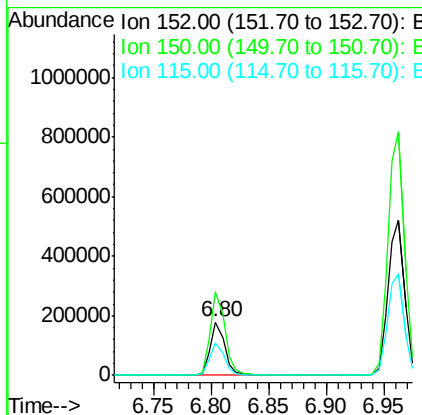
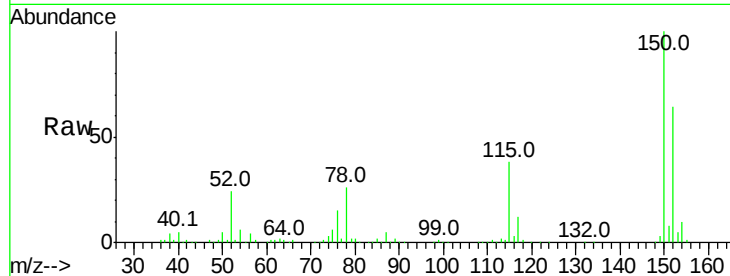


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF101475.D
 Acq: 18 Dec 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BL

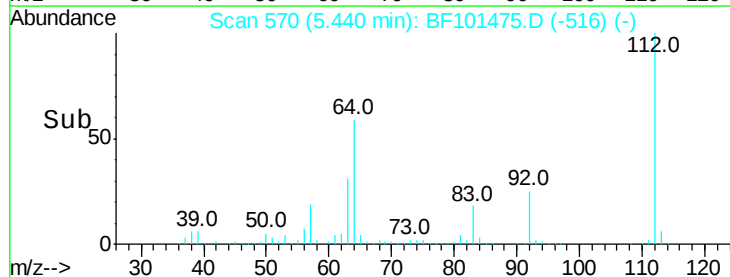
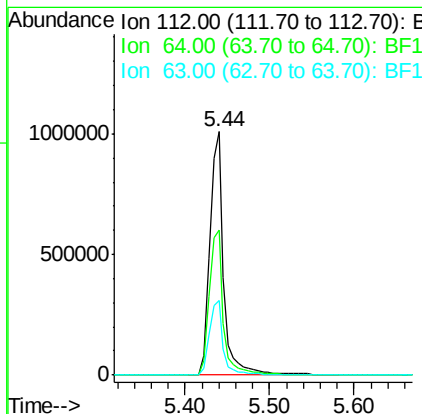
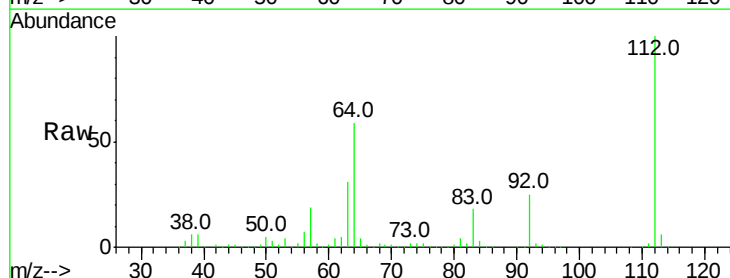
Tot Ion:152 Resp: 158994
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 60.4 50.1 75.1

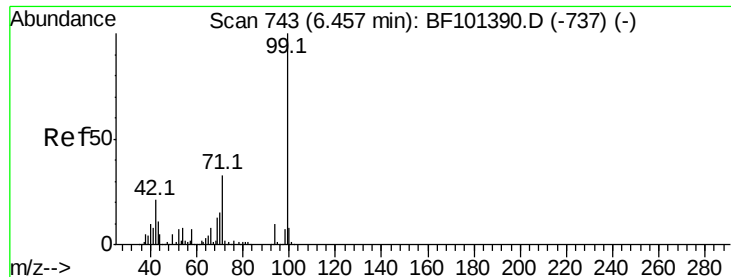


#5

2-Fluorophenol
 Concen: 109.818 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF101475.D
 Acq: 18 Dec 2017 12:48

Tgt Ion:112 Resp: 1172172
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 107.596 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Instrument :

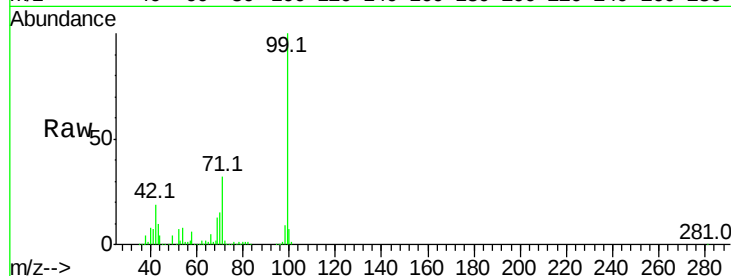
BNA_F

ClientSampleId :

PB105093BL

Tot Ion: 99 Resp: 1429297

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.4	25.4	38.0

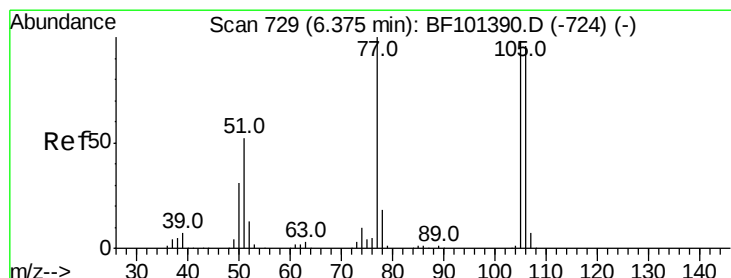
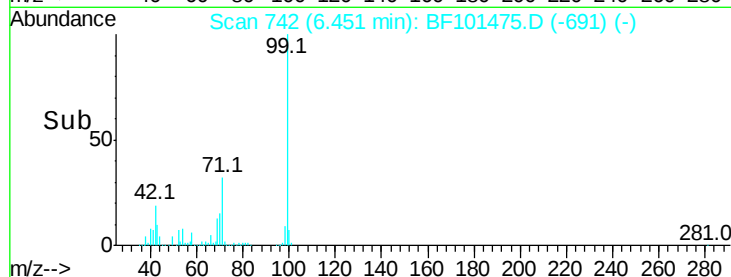
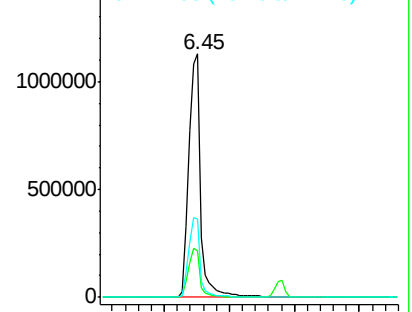


Abundance

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



#9

Benzaldehyde

Concen: 2.455 ng

RT: 6.58 min Scan# 764

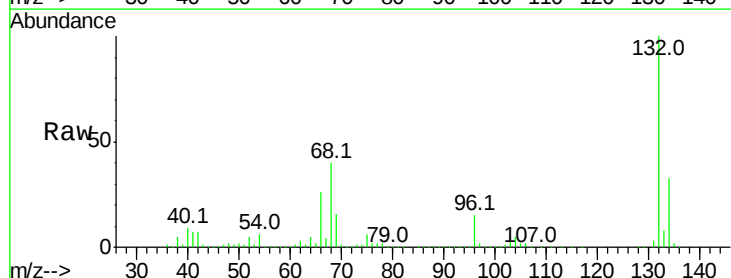
Delta R.T. 0.21 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Tgt Ion: 77 Resp: 24081

Ion	Ratio	Lower	Upper
77	100		
105	84.2	81.1	121.1
106	78.8	74.5	114.5

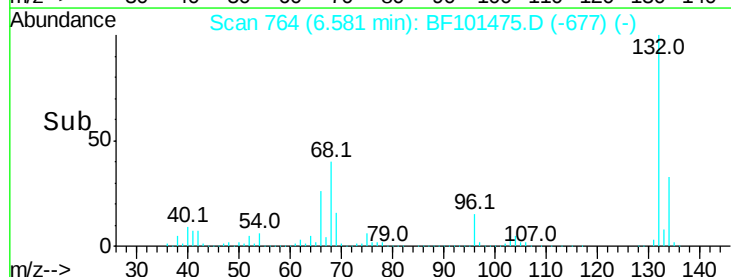
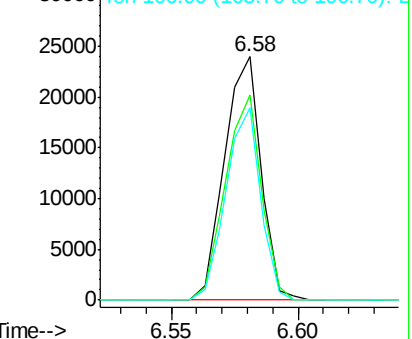


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 14.250 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB105093BL

Tot Ion: 70 Resp: 124311

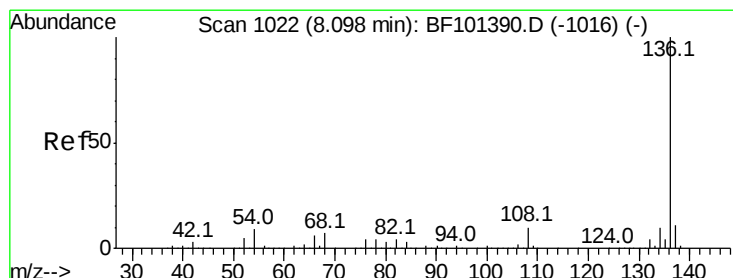
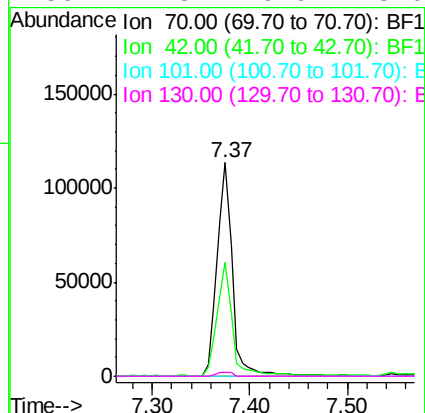
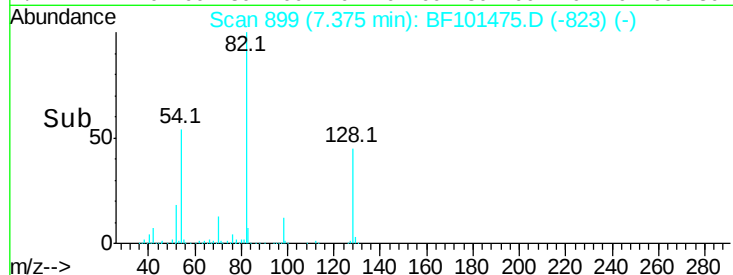
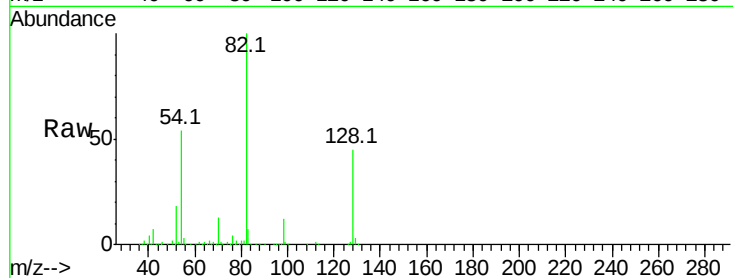
Ion Ratio Lower Upper

70 100

42 53.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Tgt Ion: 136 Resp: 649199

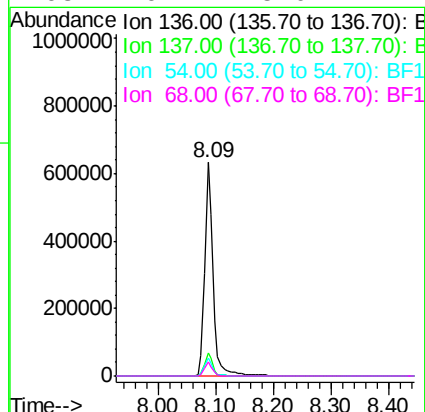
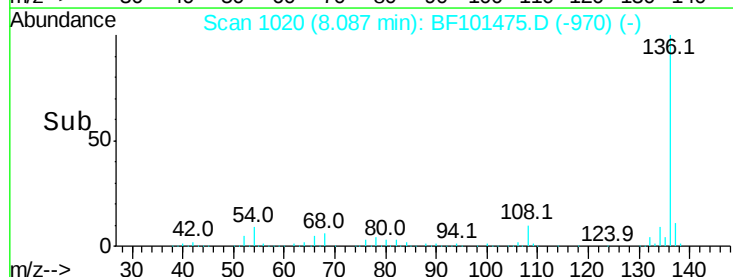
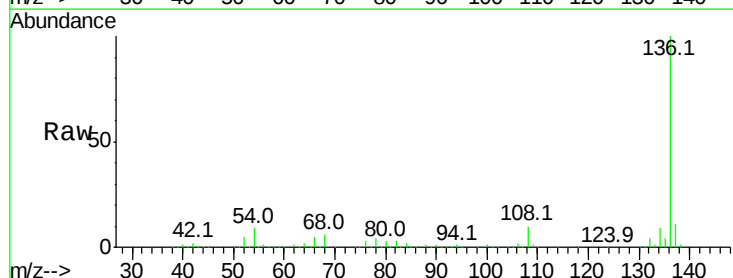
Ion Ratio Lower Upper

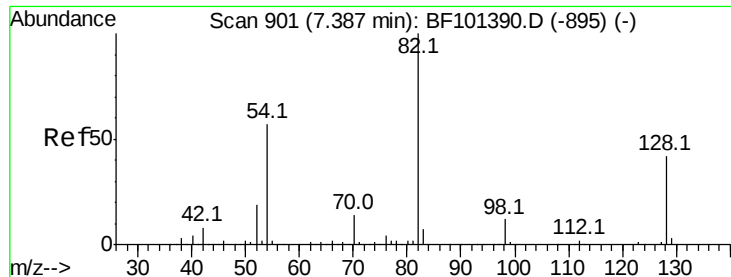
136 100

137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4

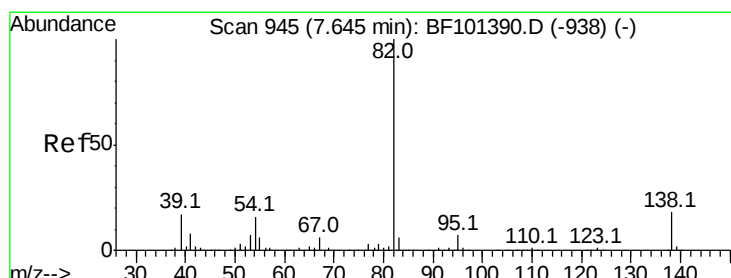
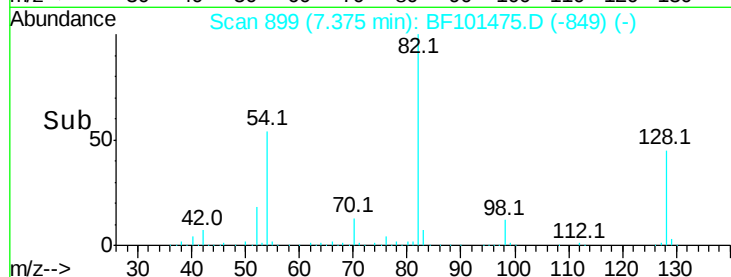
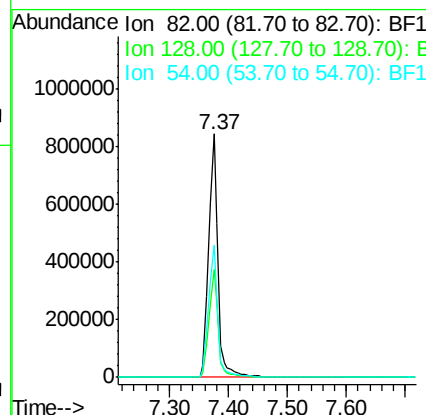
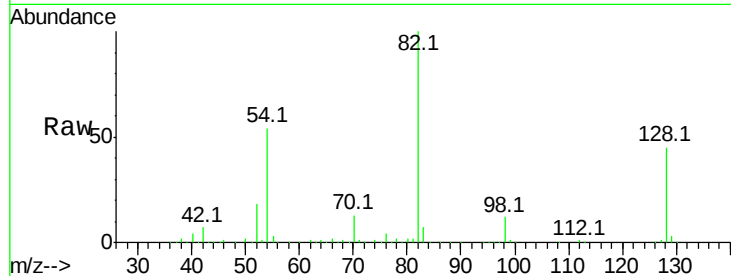




#23
Nitrobenzene-d5
Concen: 80.106 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101475.D
Acq: 18 Dec 2017 12:48

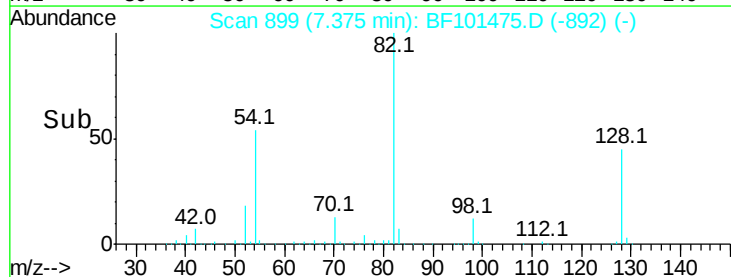
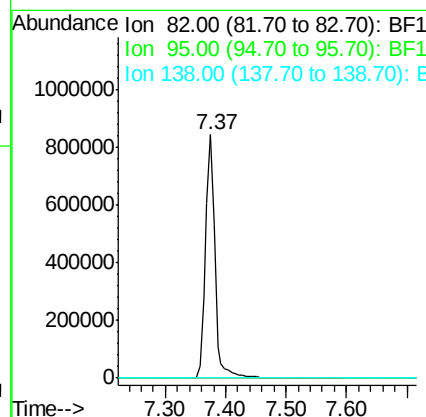
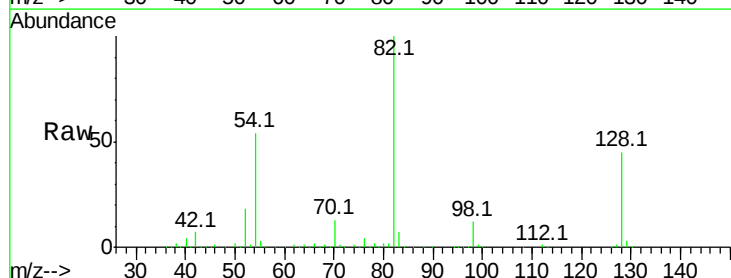
Instrument :
BNA_F
ClientSampleId :
PB105093BL

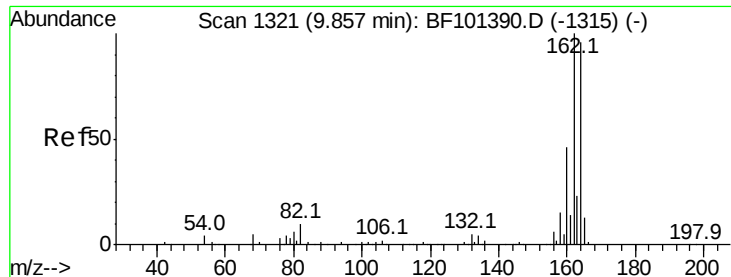
Tot Ion: 82 Resp: 934232
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 54.3 41.4 62.2



#25
Isophorone
Concen: 39.932 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101475.D
Acq: 18 Dec 2017 12:48

Tgt Ion: 82 Resp: 934226
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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB105093BL

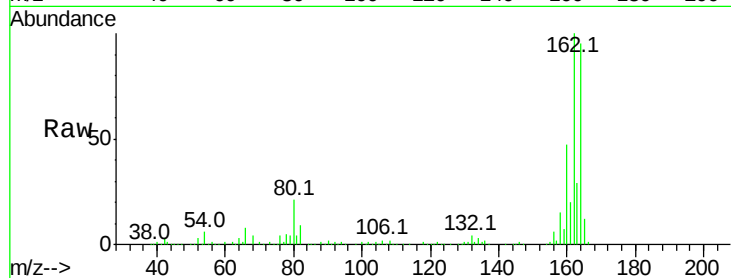
Tot Ion:164 Resp: 296676

Ion Ratio Lower Upper

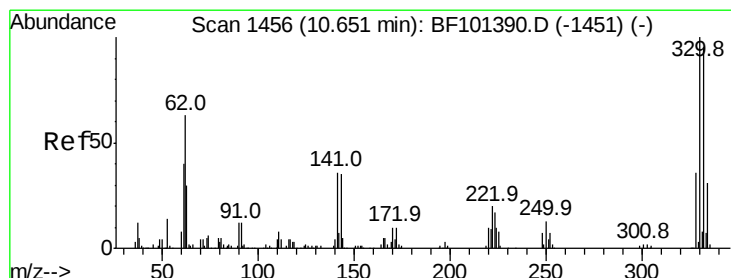
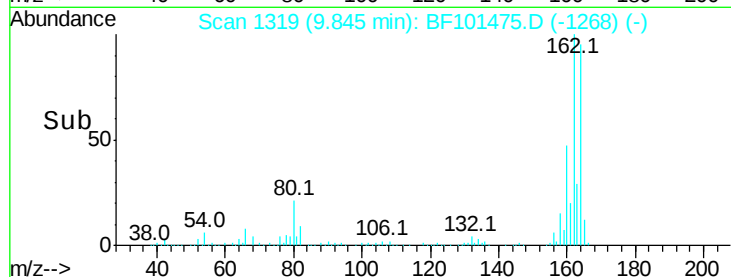
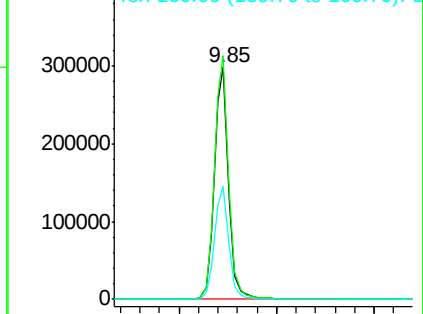
164 100

162 104.9 86.1 129.1

160 49.0 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: 127.957 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

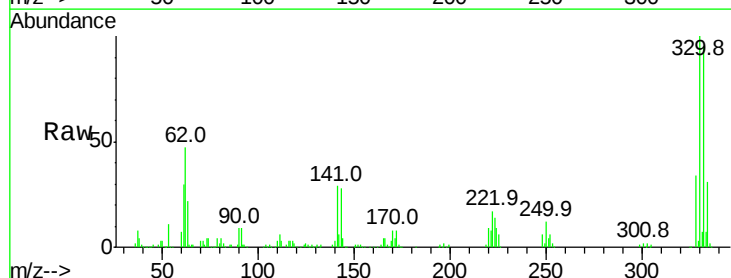
Tgt Ion:330 Resp: 365790

Ion Ratio Lower Upper

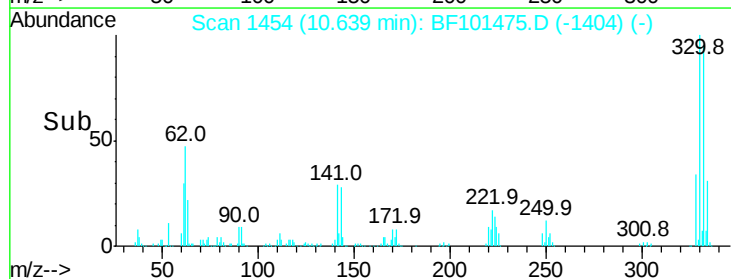
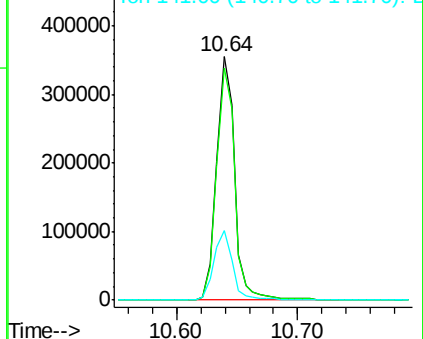
330 100

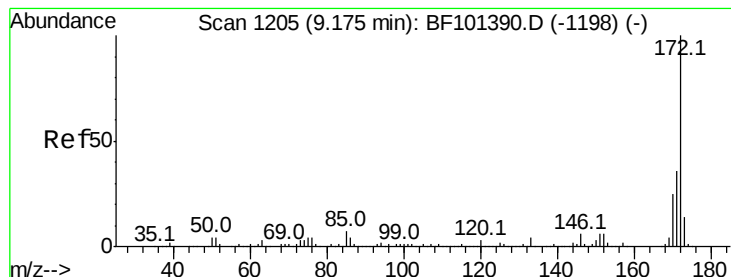
332 96.8 77.0 115.6

141 29.7 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: 85.488 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB105093BL

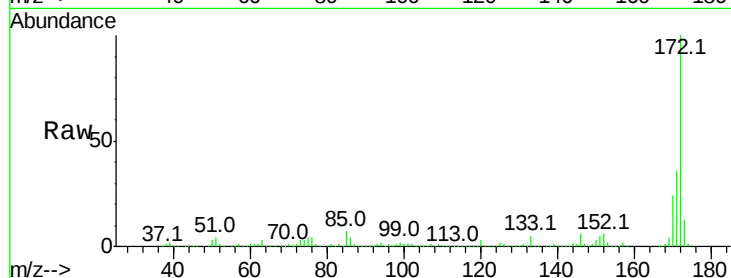
Tot Ion:172 Resp: 1634965

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

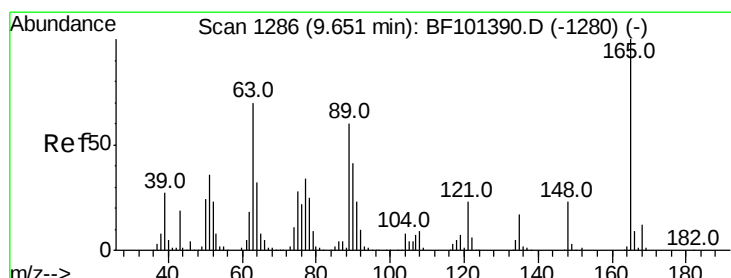
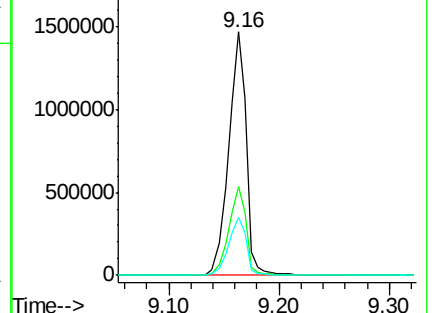
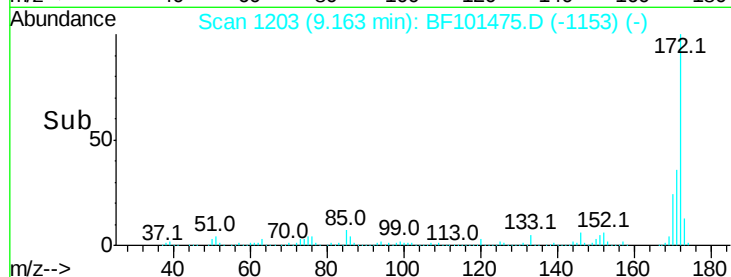
170 24.1 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 8.012 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

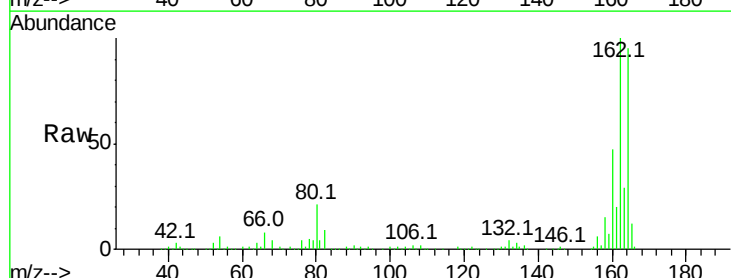
Tgt Ion:165 Resp: 38861

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

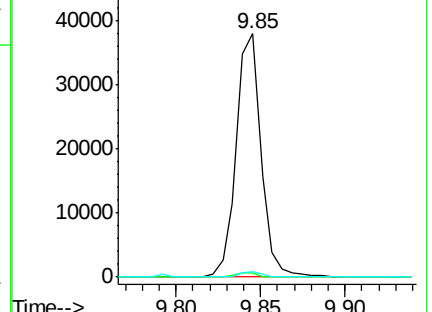
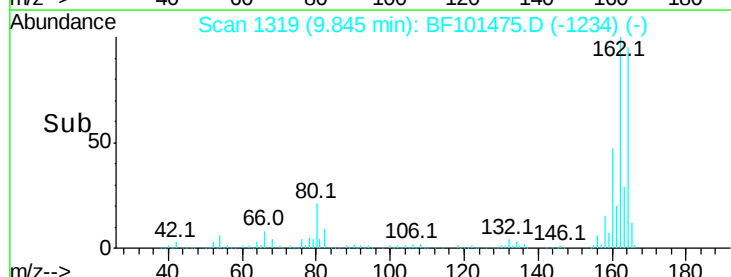
89 2.1 44.0 66.0#

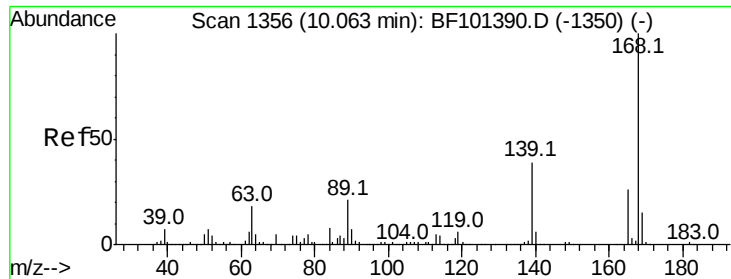


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

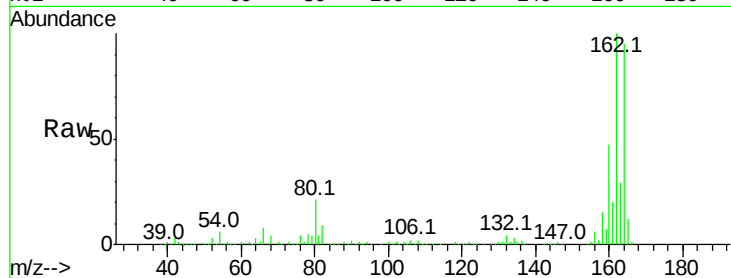




#56
 2,4-Dinitrotoluene
 Concen: 7.112 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101475.D
 Acq: 18 Dec 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

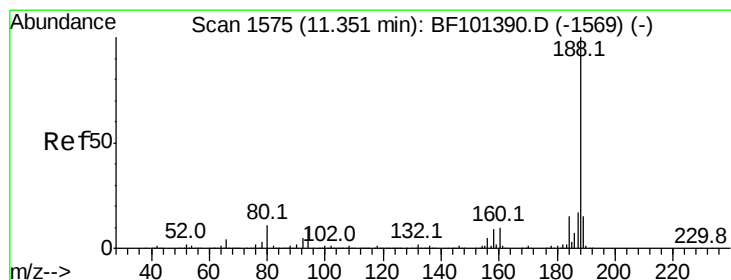
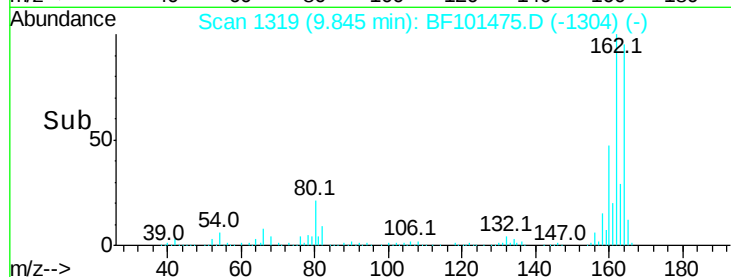
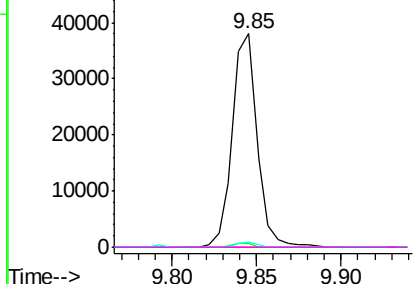


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

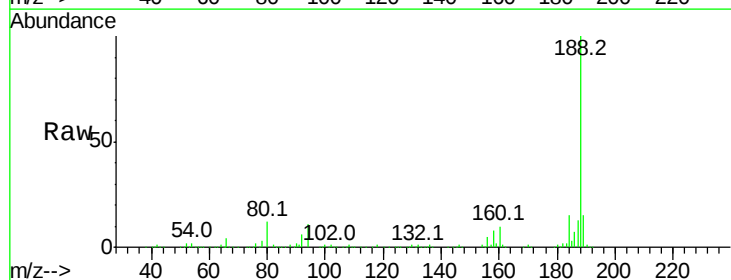
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF101475.D
 Acq: 18 Dec 2017 12:48

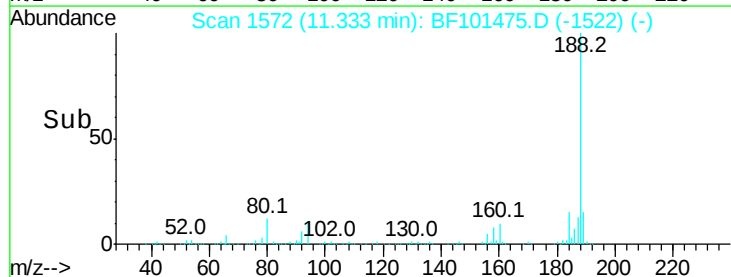
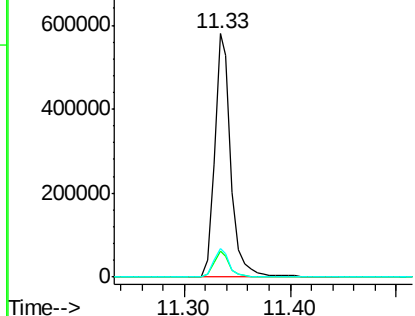
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.5	9.2	13.8

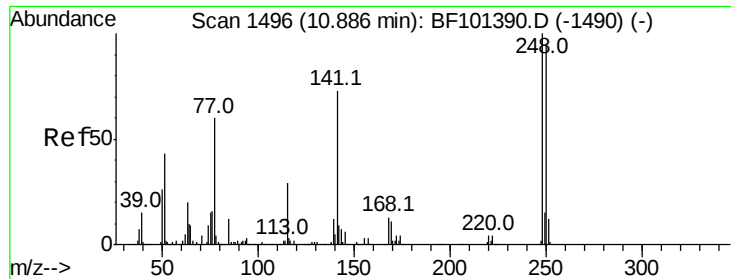


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

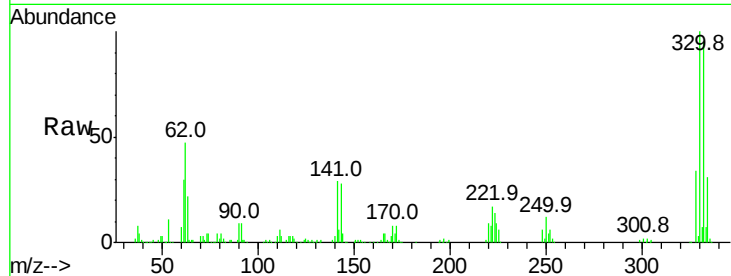




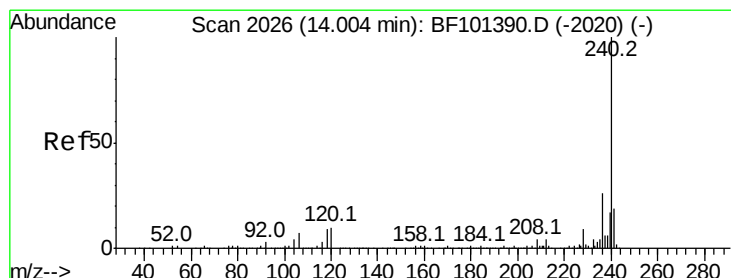
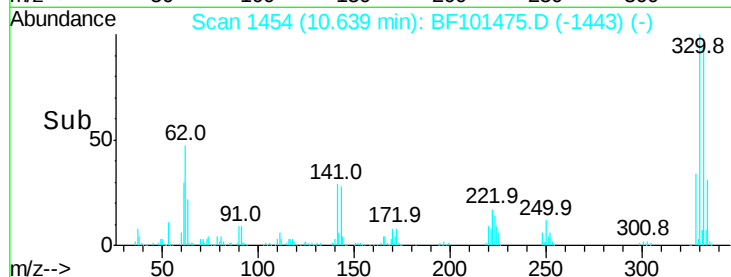
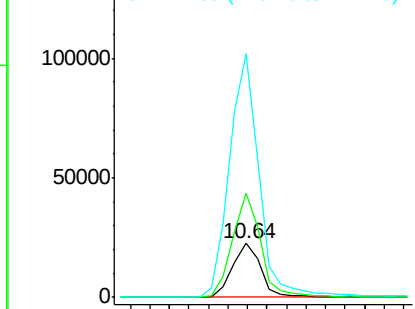
#66
4-Bromophenyl-phenylether
Concen: 3.235 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101475.D
Acq: 18 Dec 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB105093BL

Tot Ion:248 Resp: 22793
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 451.1 74.4 111.6#

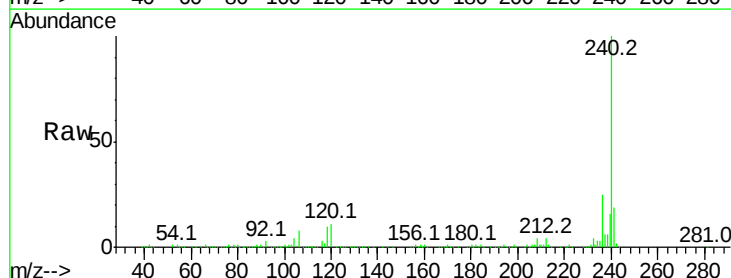


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

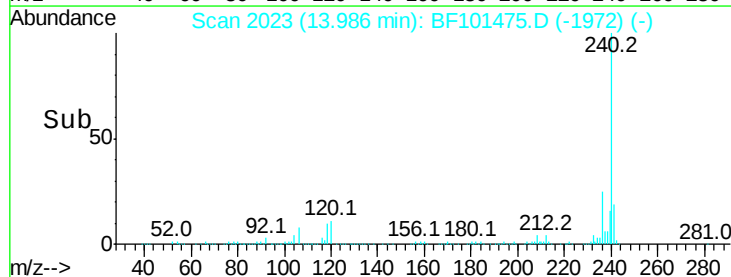
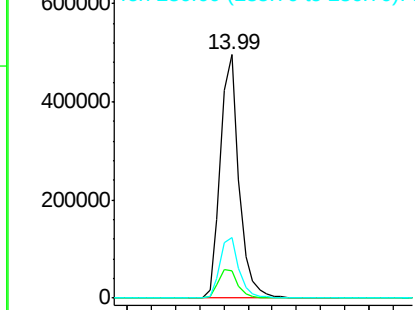


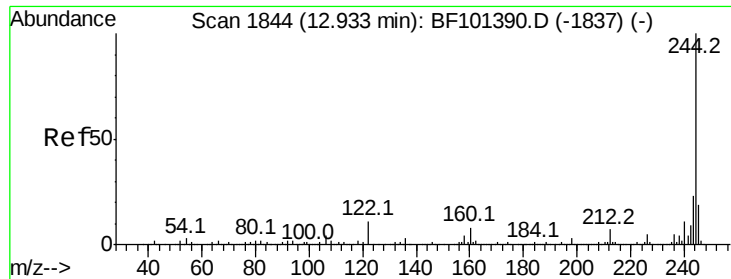
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101475.D
Acq: 18 Dec 2017 12:48

Tgt Ion:240 Resp: 527803
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.1 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: 80.606 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB105093BL

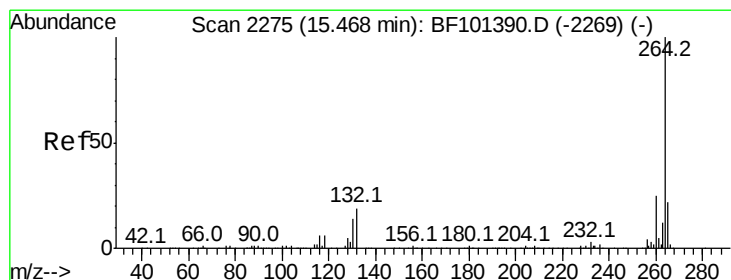
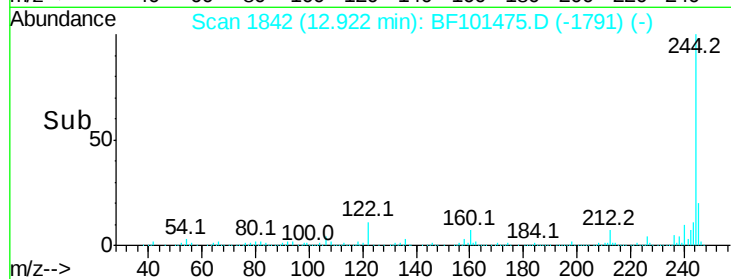
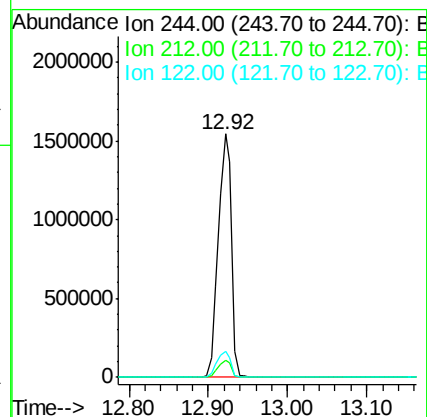
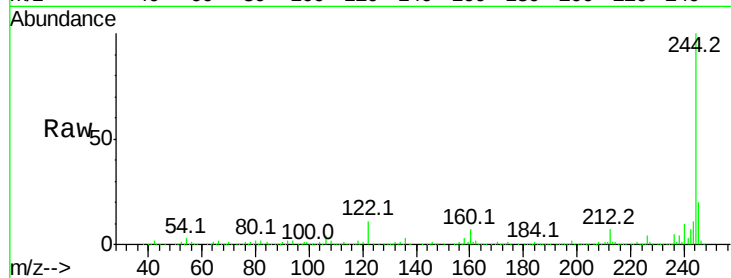
Tot Ion:244 Resp: 1764747

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 10.9 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Tgt Ion:264 Resp: 220030

Ion Ratio Lower Upper

264 100

260 26.3 19.2 28.8

265 20.1 17.5 26.3

