

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102553.D
 Acq On : 28 Jan 2018 11:31
 Operator : SJ/JU
 Sample : J1321-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:58:13 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

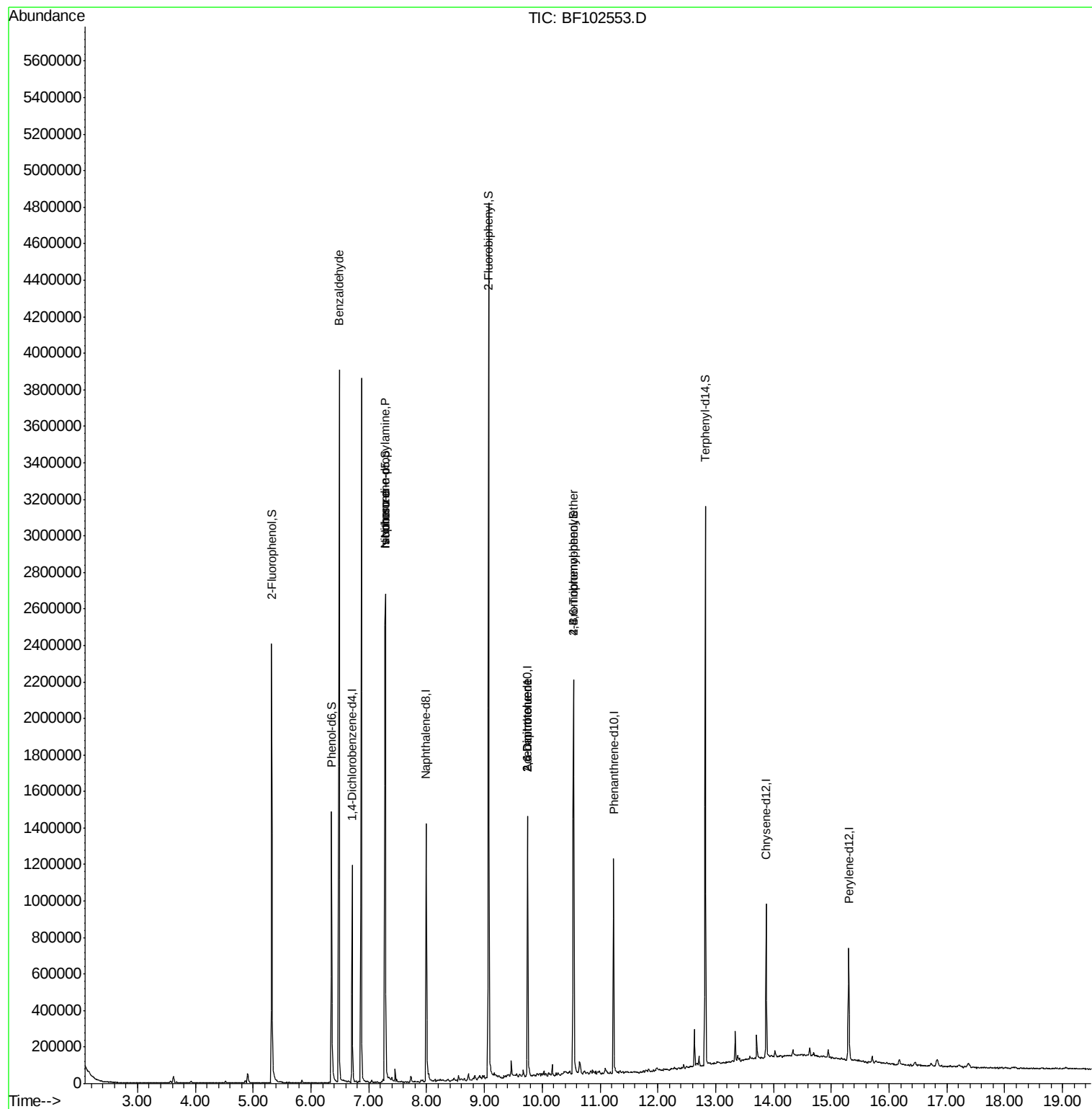
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	172074	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	694315	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	279424	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	407925	20.00	ng	0.00
75) Chrysene-d12	13.87	240	311412	20.00	ng	0.00
86) Perylene-d12	15.30	264	255649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	702928	61.94	ng	0.00
7) Phenol-d6	6.35	99	542808	39.67	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1033622	85.55	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	265814	96.01	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1606570	84.54	ng	0.00
78) Terphenyl-d14	12.82	244	1091904	79.04	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	23785	2.520	ng	85
19) n-Nitroso-di-n-propylamine	7.29	70	136180	16.264	ng	# 78
25) Isophorone	7.29	82	1033691	47.991	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	36488	7.328	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	36488	5.959	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	17636	4.016	ng	# 1

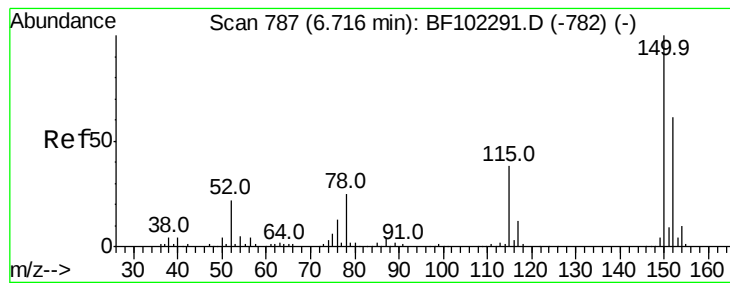
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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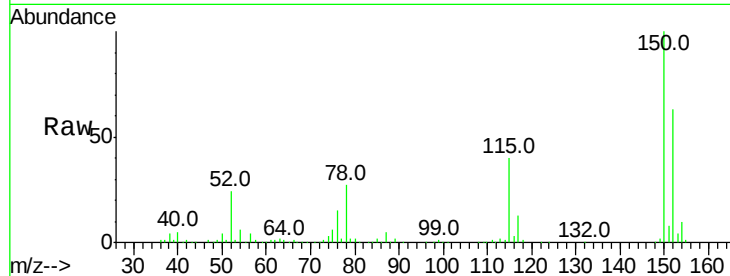


#1

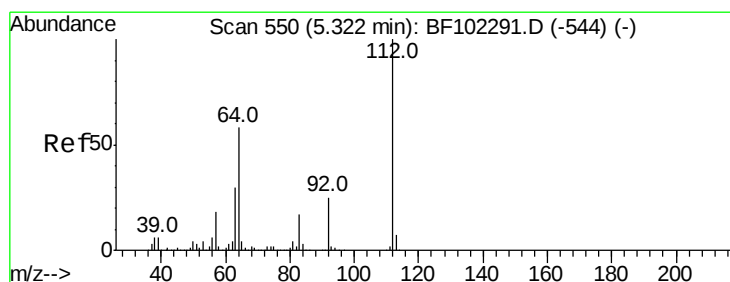
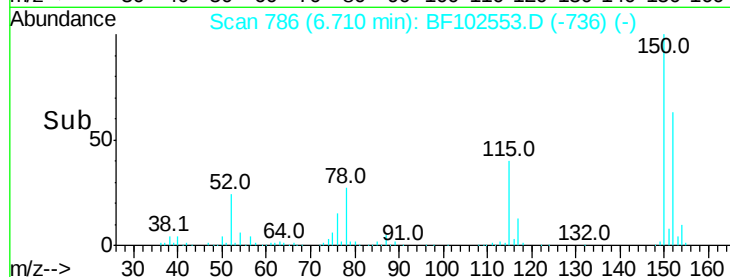
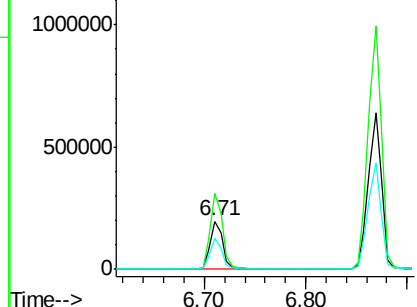
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102553.D
 Acq: 28 Jan 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 172074
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 63.9 50.1 75.1



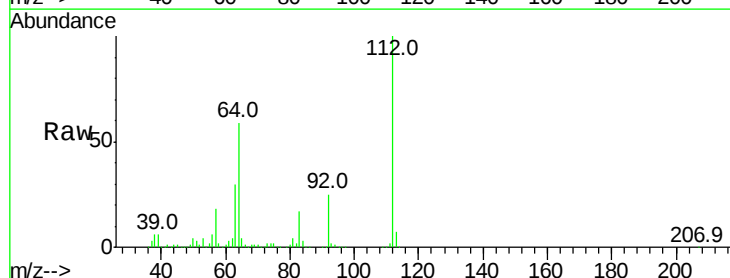
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



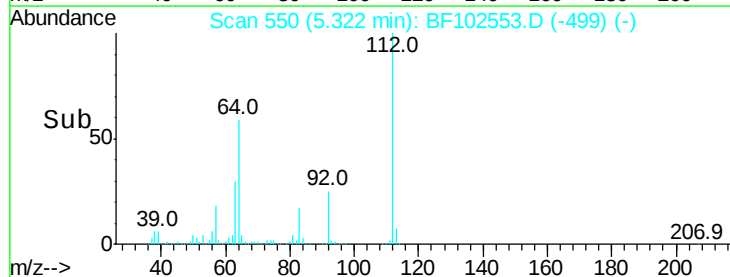
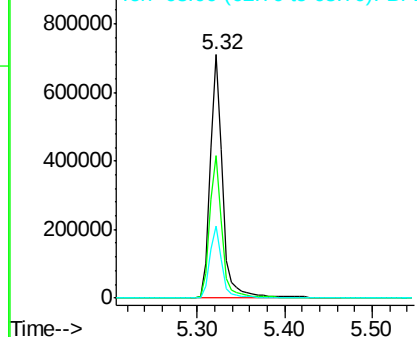
#5

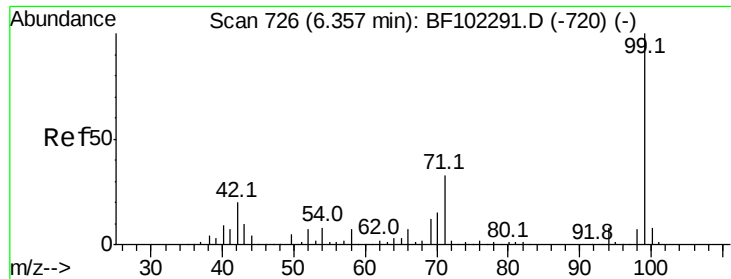
2-Fluorophenol
 Concen: 61.940 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF102553.D
 Acq: 28 Jan 2018 11:31

Tgt Ion:112 Resp: 702928
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 29.6 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: 39.674 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102553.D

Acq: 28 Jan 2018 11:31

Instrument :

BNA_F

ClientSampleId :

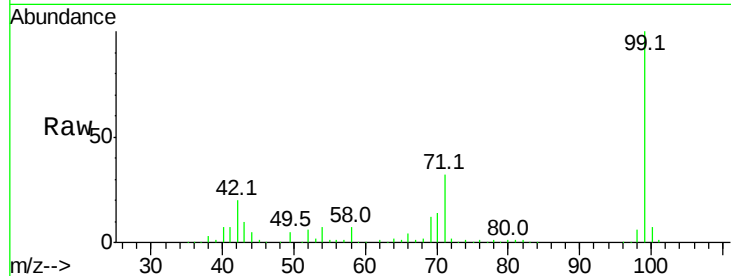
Tot Ion: 99 Resp: 542808

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

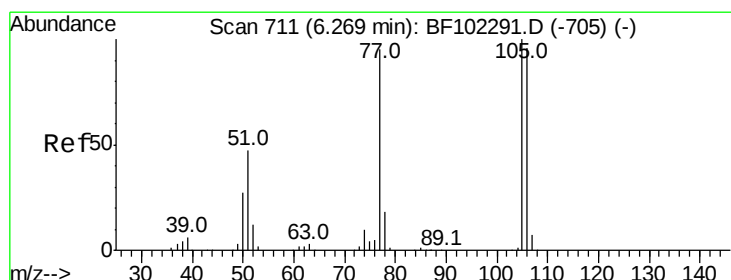
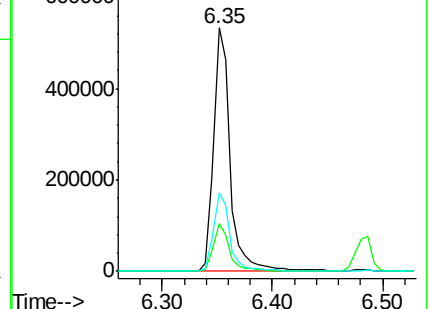
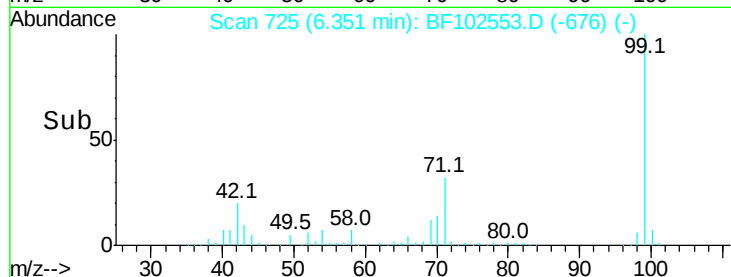
71 32.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.520 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102553.D

Acq: 28 Jan 2018 11:31

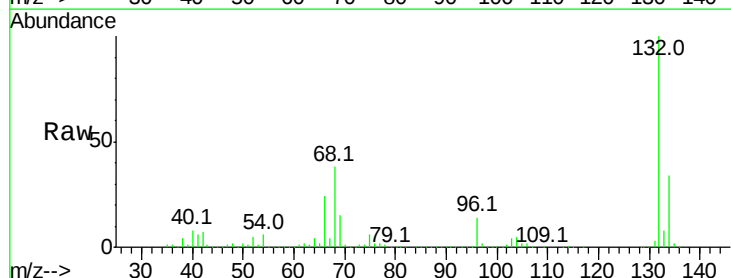
Tgt Ion: 77 Resp: 23785

Ion Ratio Lower Upper

77 100

105 85.2 81.1 121.1

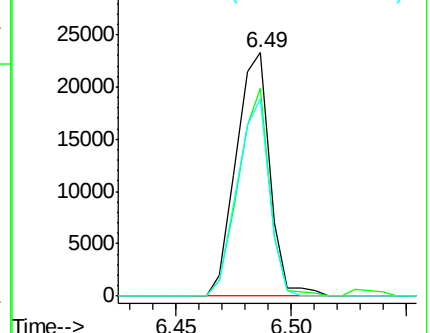
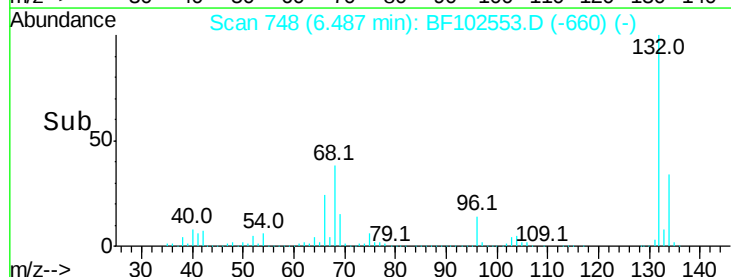
106 81.3 74.5 114.5

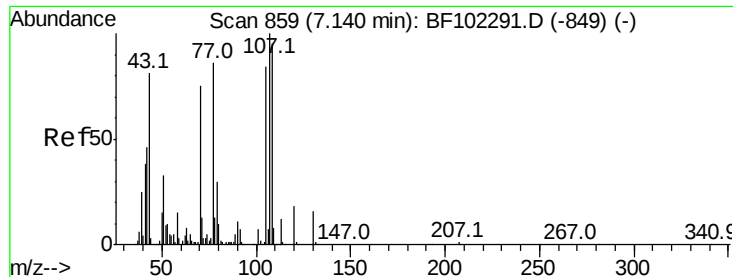


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

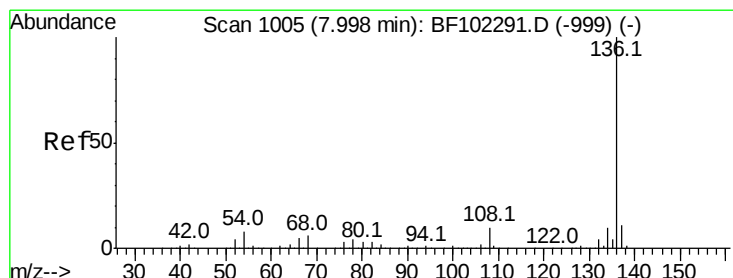
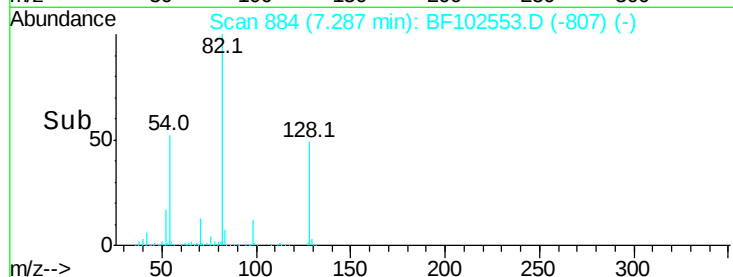
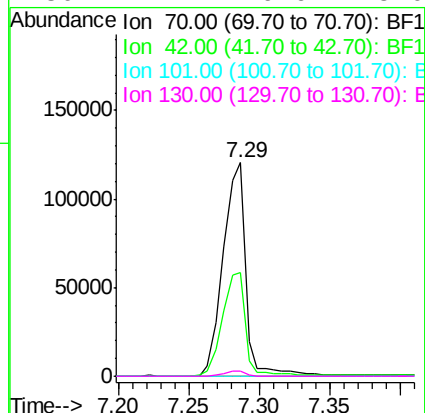
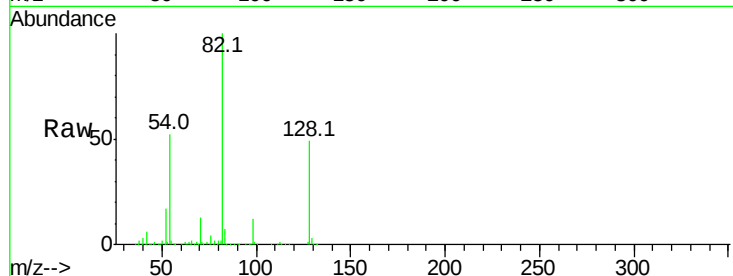




#19
n-Nitroso-di-n-propylamine
Concen: 16.264 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

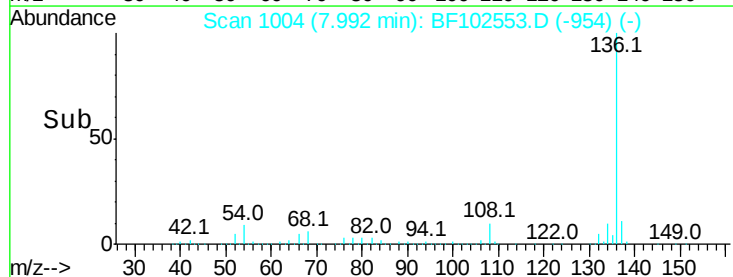
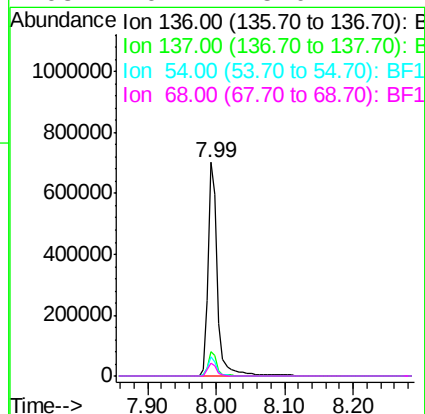
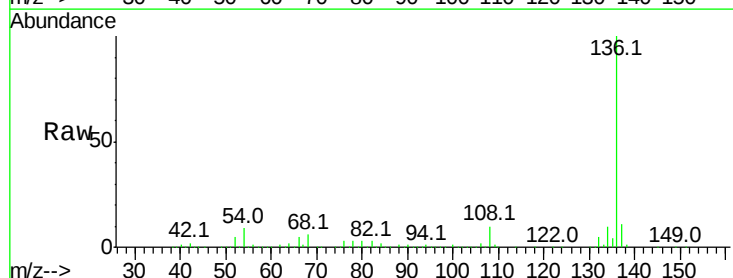
Instrument :
BNA_F
ClientSampleId :

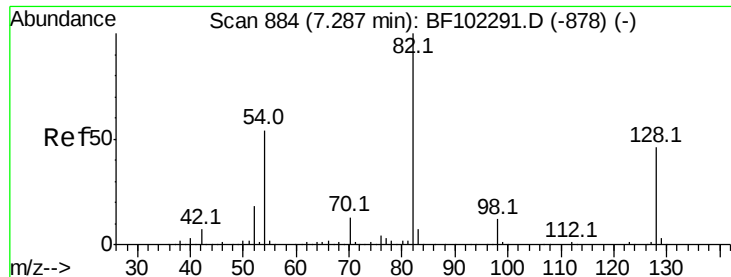
Tot Ion: 70 Resp: 136180
Ion Ratio Lower Upper
70 100
42 48.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion: 136 Resp: 694315
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.9 6.6 9.8
68 6.2 5.0 7.4

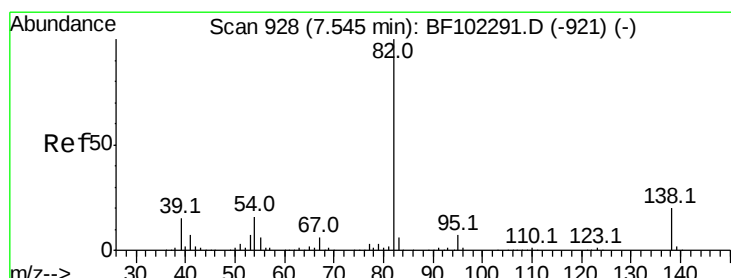
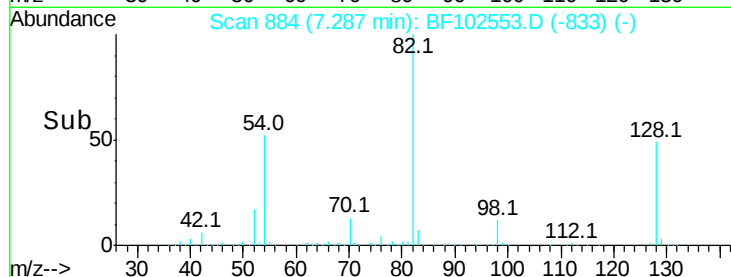
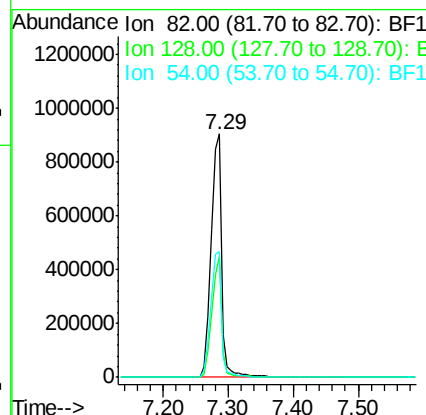
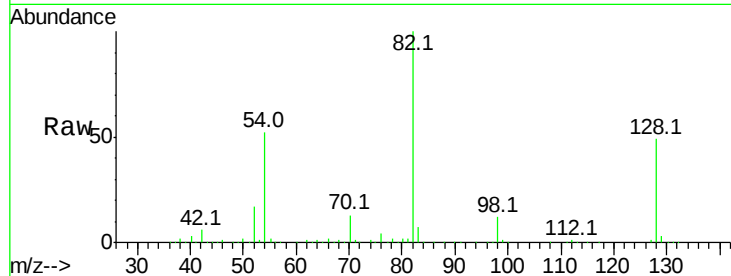




#23
Nitrobenzene-d5
Concen: 85.551 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

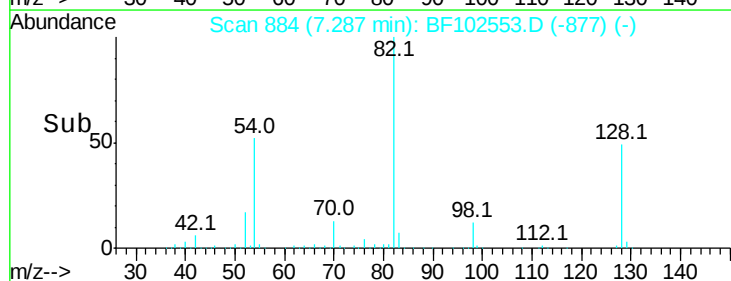
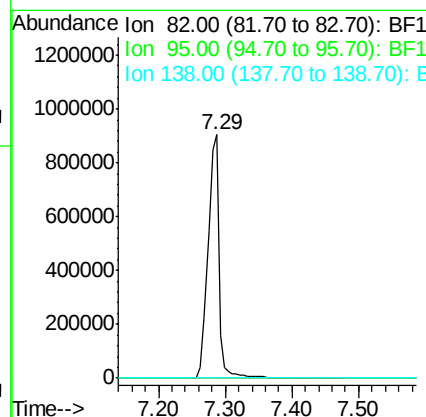
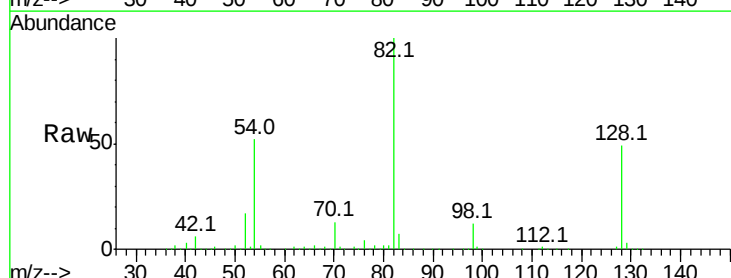
Instrument :
BNA_F
ClientSampled :

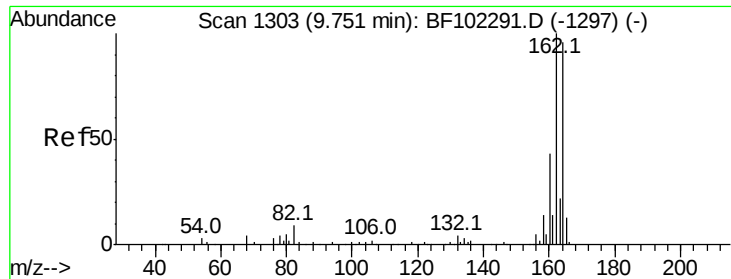
Tot Ion: 82 Resp: 1033622
Ion Ratio Lower Upper
82 100
128 49.3 36.1 54.1
54 51.5 41.4 62.2



#25
Isophorone
Concen: 47.991 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion: 82 Resp: 1033691
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# 1302

Delta R.T. -0.01 min

Lab File: BF102553.D

Acq: 28 Jan 2018 11:31

Instrument :

BNA_F

ClientSampleId :

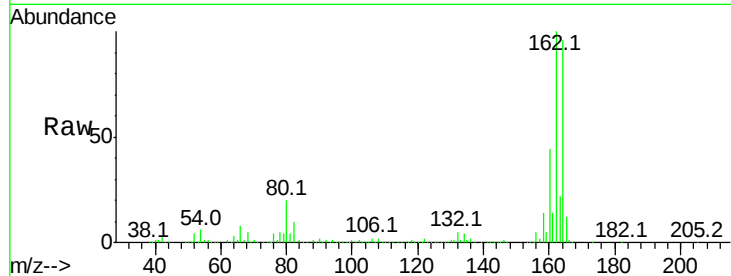
Tot Ion:164 Resp: 279424

Ion Ratio Lower Upper

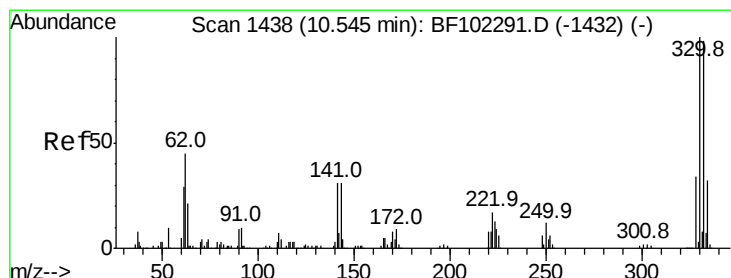
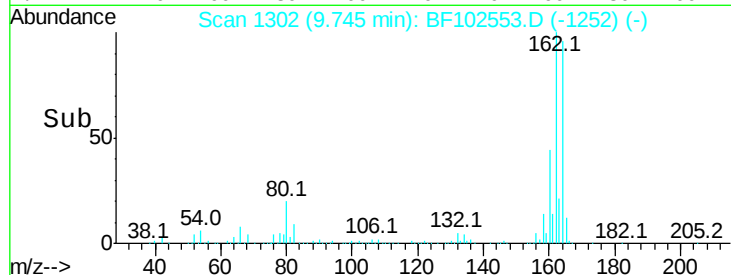
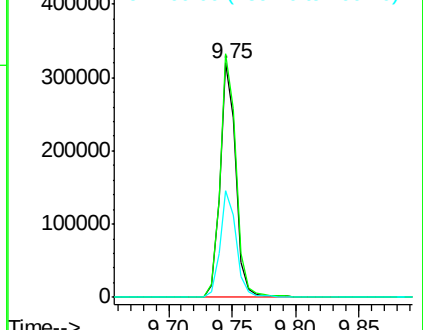
164 100

162 104.0 86.1 129.1

160 45.6 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: 96.007 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102553.D

Acq: 28 Jan 2018 11:31

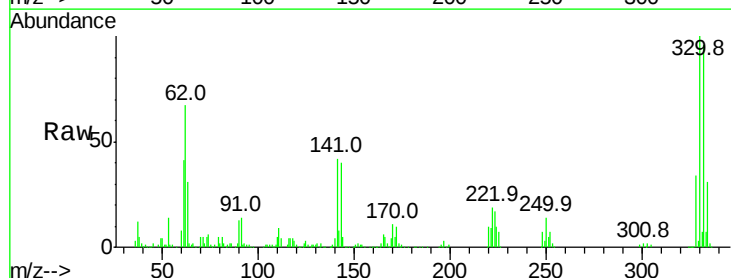
Tgt Ion:330 Resp: 265814

Ion Ratio Lower Upper

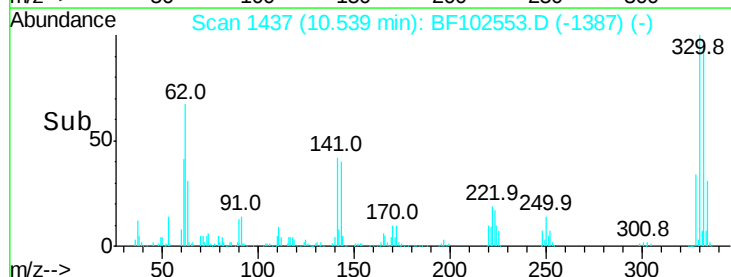
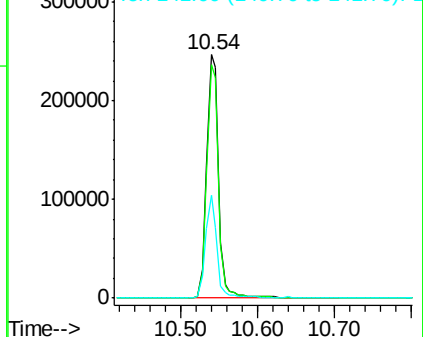
330 100

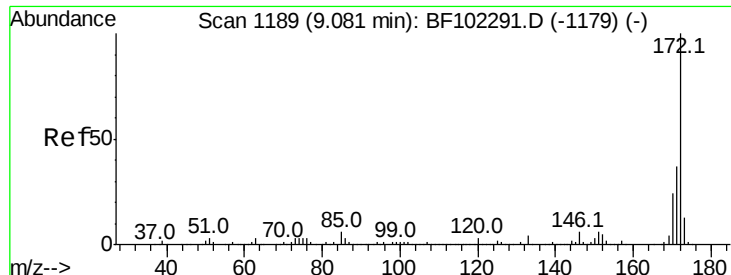
332 94.1 77.0 115.6

141 39.6 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

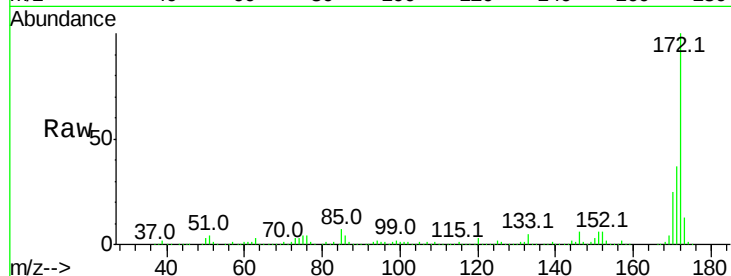




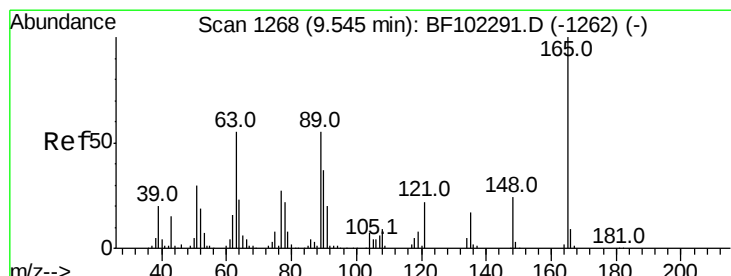
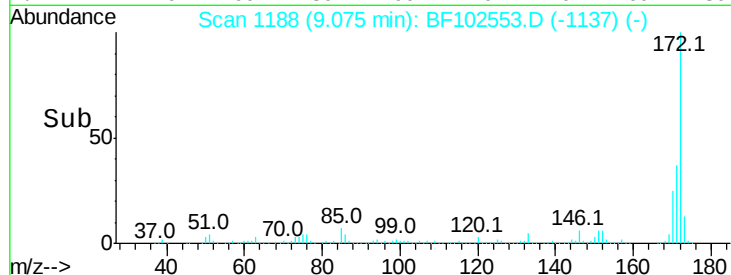
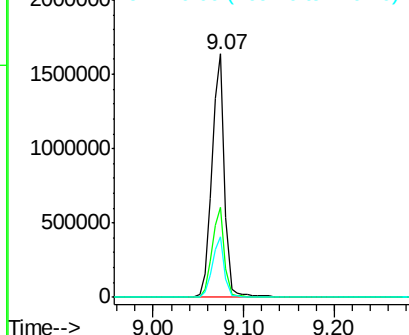
#44
 2-Fluorobiphenyl
 Concen: 84.539 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102553.D
 Acq: 28 Jan 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1606570
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 19.6 29.4

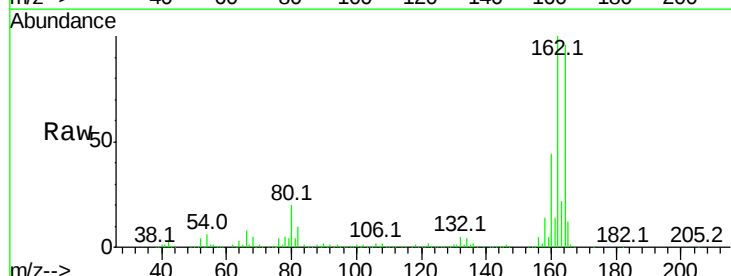


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

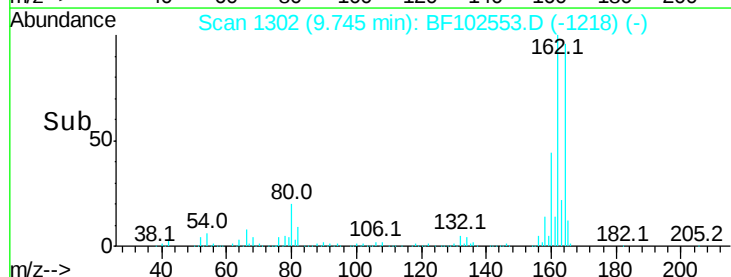
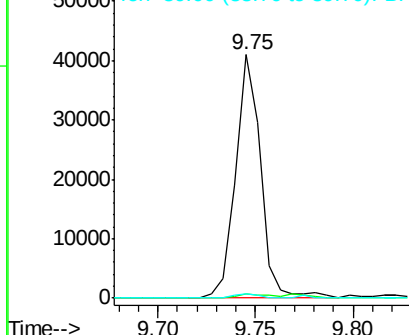


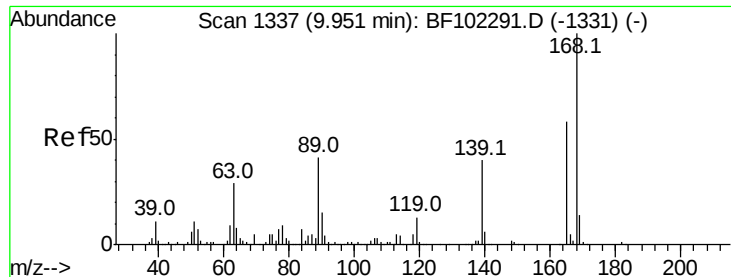
#50
 2,6-Dinitrotoluene
 Concen: 7.328 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102553.D
 Acq: 28 Jan 2018 11:31

Tgt Ion:165 Resp: 36488
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.9 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

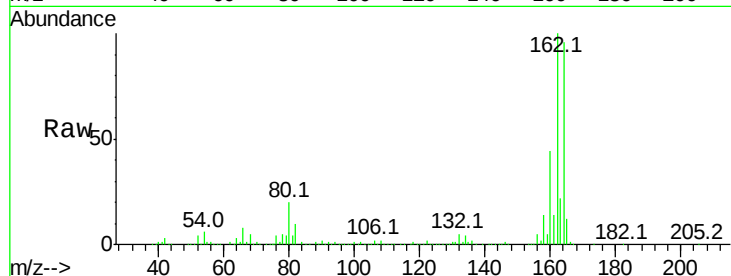




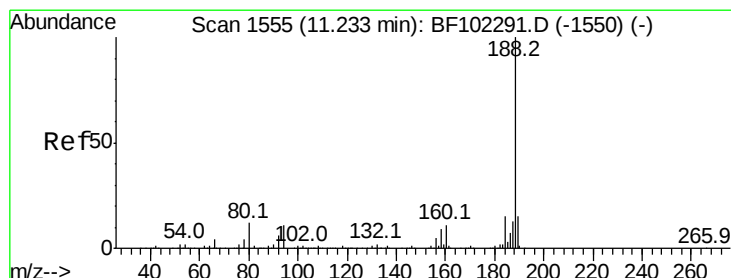
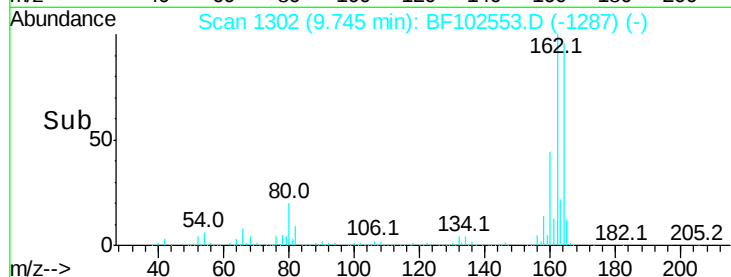
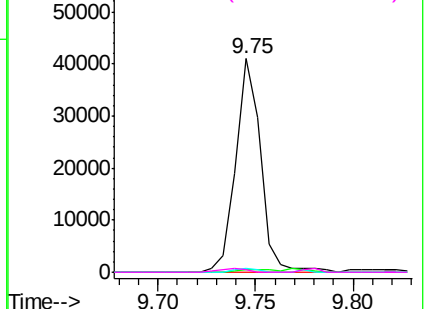
#56
 2,4-Dinitrotoluene
 Concen: 5.959 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102553.D
 Acq: 28 Jan 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 36488
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.9 57.8 86.6#
 182 1.0 1.6 2.4#

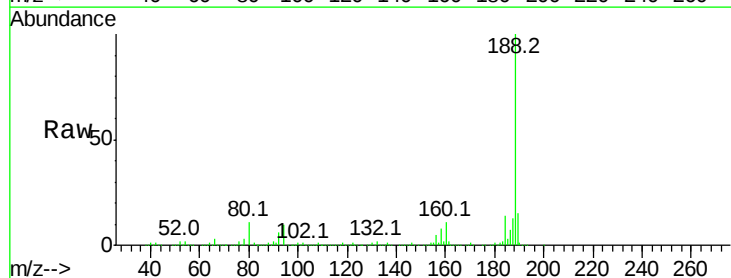


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

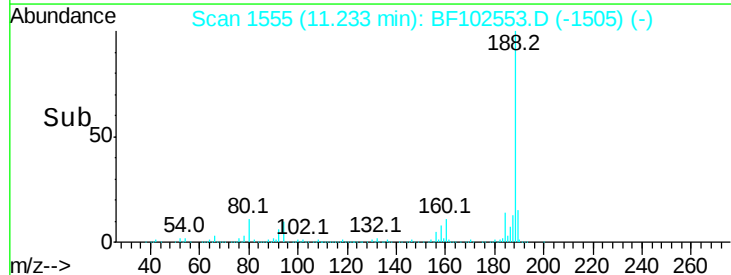
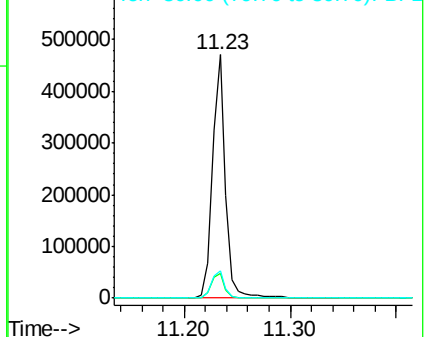


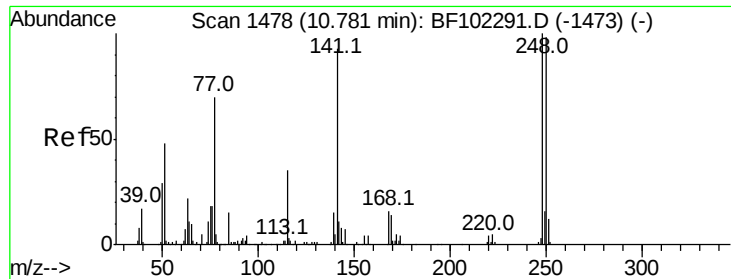
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102553.D
 Acq: 28 Jan 2018 11:31

Tgt Ion:188 Resp: 407925
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.4 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

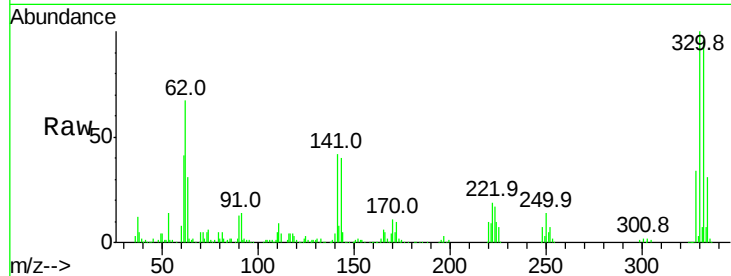




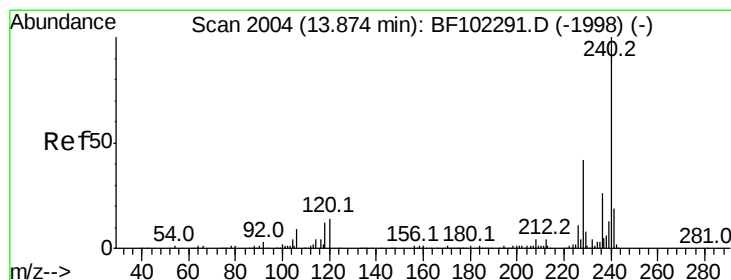
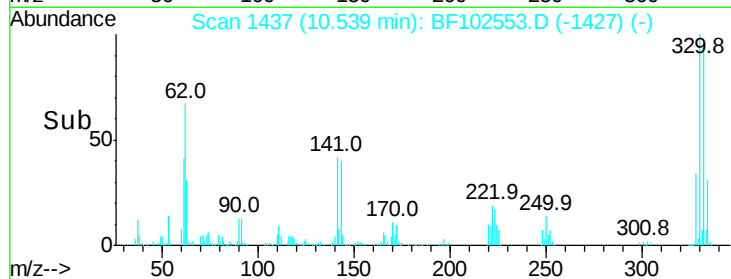
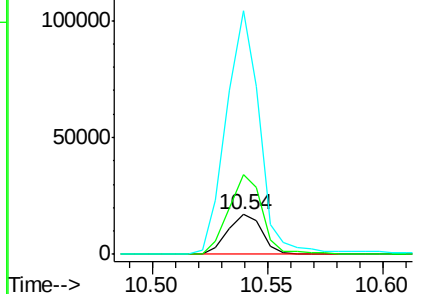
#66
4-Bromophenyl-phenylether
Concen: 4.016 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17636
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 612.7 74.4 111.6#

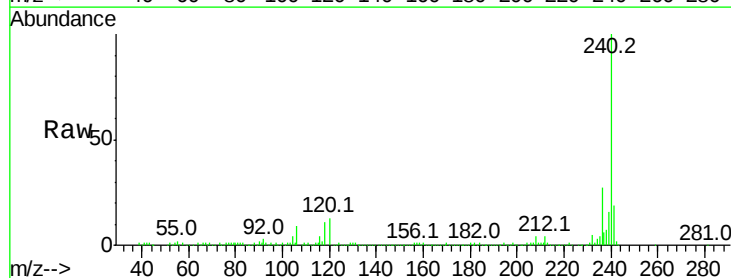


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

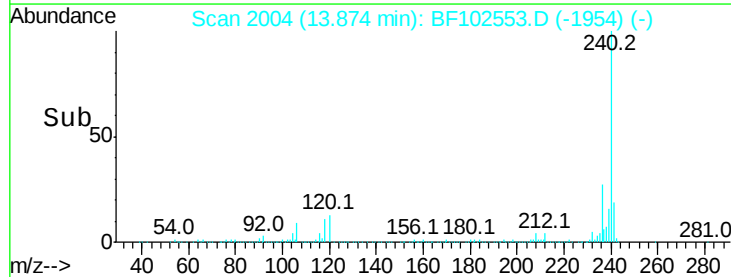
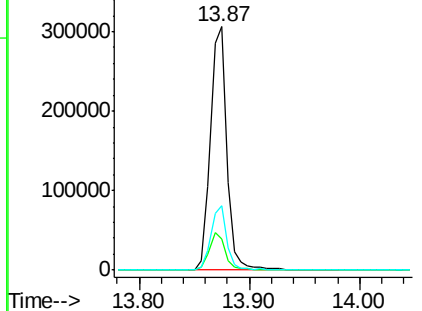


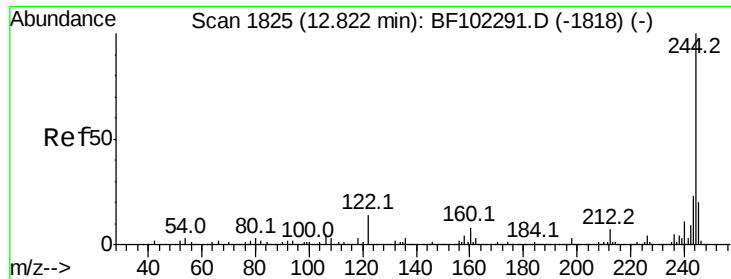
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion:240 Resp: 311412
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 26.7 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

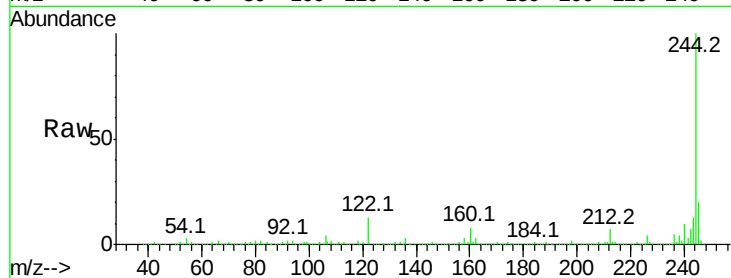




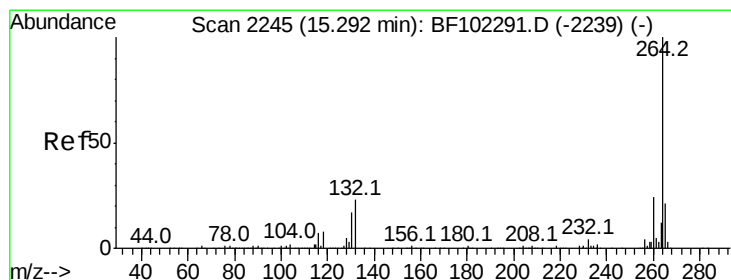
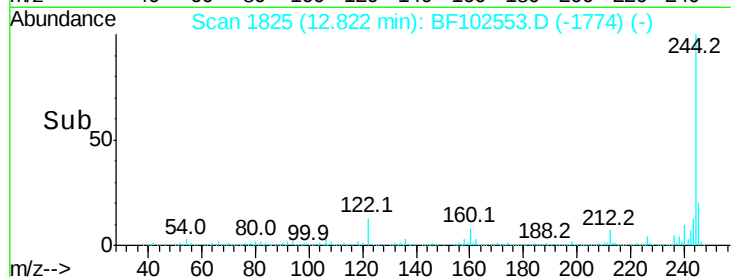
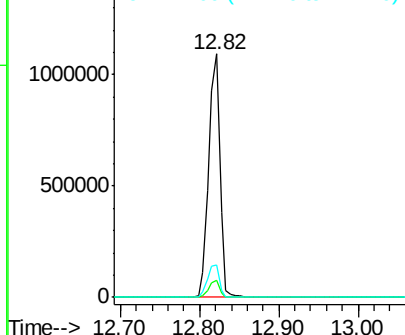
#78
 Terphenyl-d14
 Concen: 79.045 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102553.D
 Acq: 28 Jan 2018 11:31

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1091904
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.2 11.0 16.4

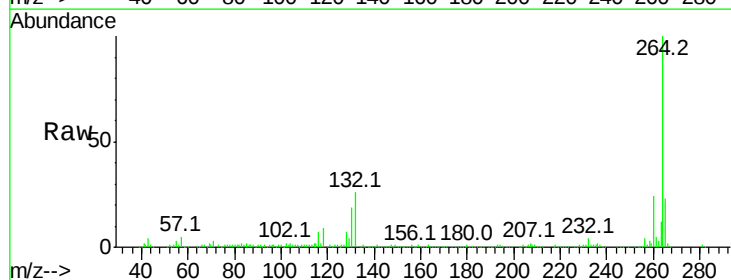


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF102553.D
 Acq: 28 Jan 2018 11:31

Tgt Ion:264 Resp: 255649
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 23.0 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

