

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101828.D
 Acq On : 29 Dec 2017 14:48
 Operator : SJ/JU
 Sample : I7023-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 15:17:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

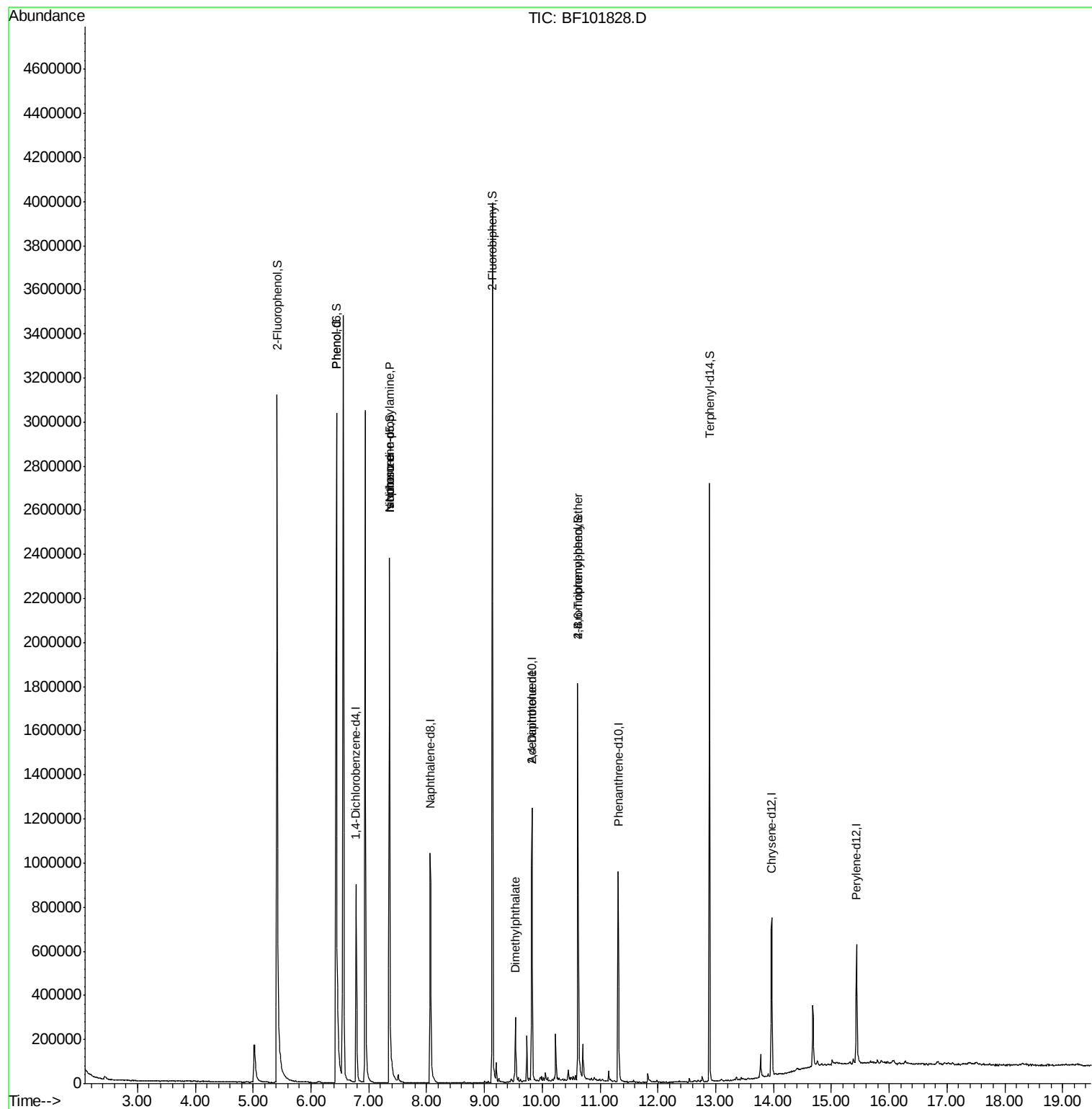
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	153503	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	597517	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	243877	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	392906	20.00	ng	0.00
75) Chrysene-d12	13.97	240	277450	20.00	ng	0.00
86) Perylene-d12	15.44	264	283823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1237022	120.04	ng	0.00
7) Phenol-d6	6.44	99	1469047	114.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	924940	86.17	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	274479	116.80	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1364886	86.82	ng	0.00
78) Terphenyl-d14	12.89	244	983672	85.47	ng	0.00
Target Compounds						
10) Phenol	6.45	94	70999	4.857	ng	# 67
19) n-Nitroso-di-n-propylamine	7.36	70	122026	14.488	ng	# 81
25) Isophorone	7.36	82	924940	42.954	ng	# 64
49) Dimethylphthalate	9.54	163	142576	7.268	ng	# 99
56) 2,4-Dinitrotoluene	9.82	165	31054	6.913	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	16726	3.789	ng	# 1

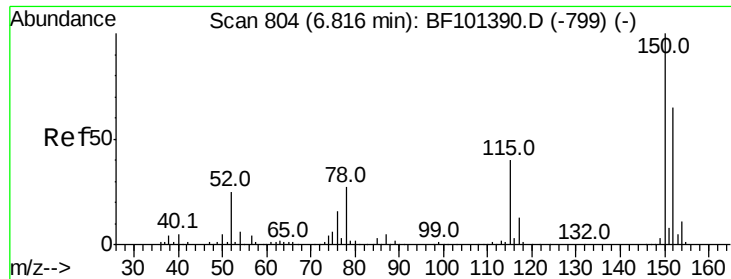
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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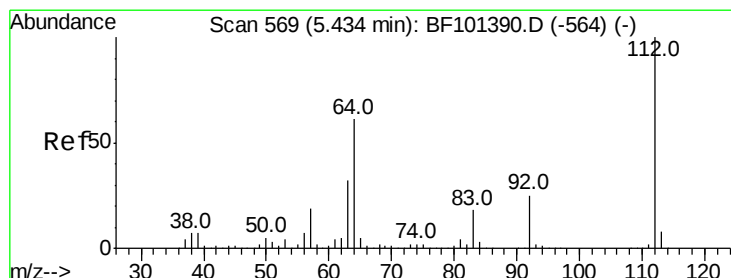
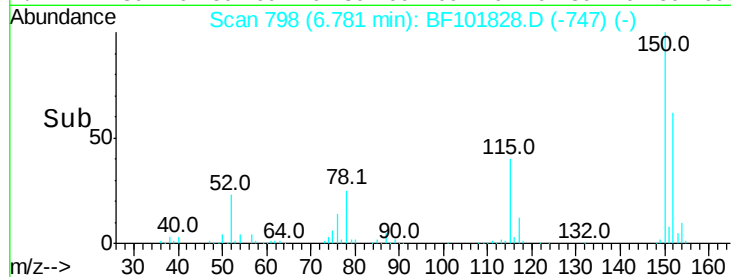
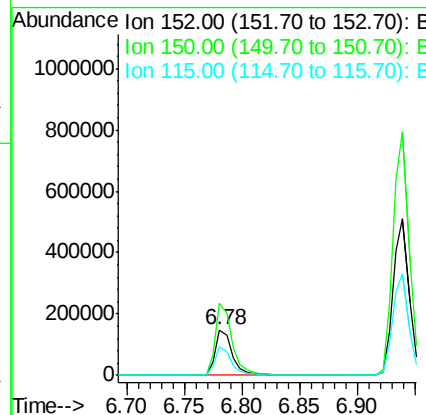
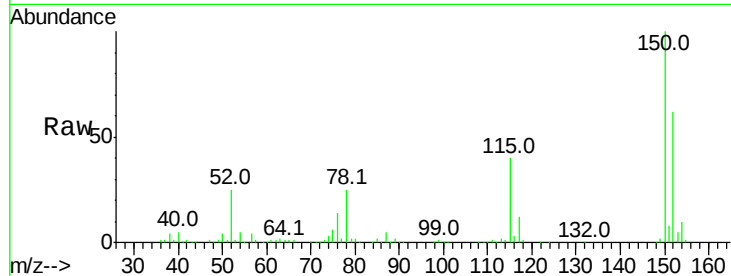


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Instrument :
BNA_F
ClientSampled :

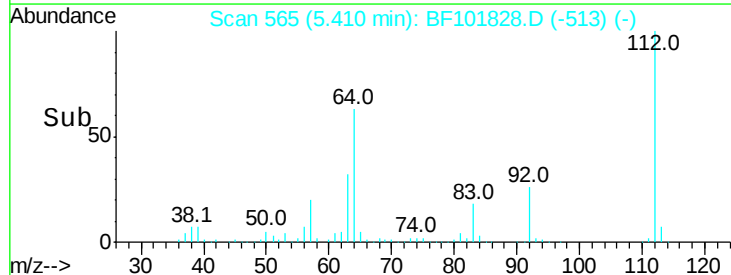
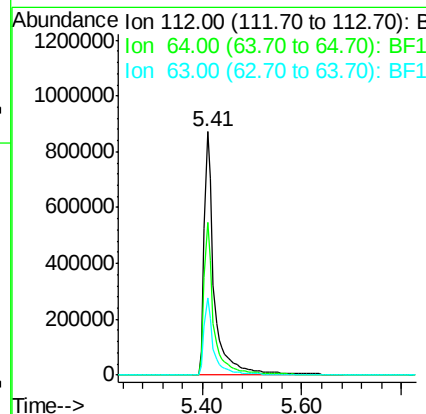
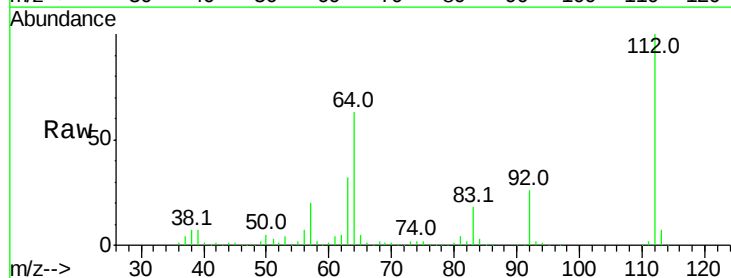
Tot Ion:152 Resp: 153503
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 64.3 50.1 75.1

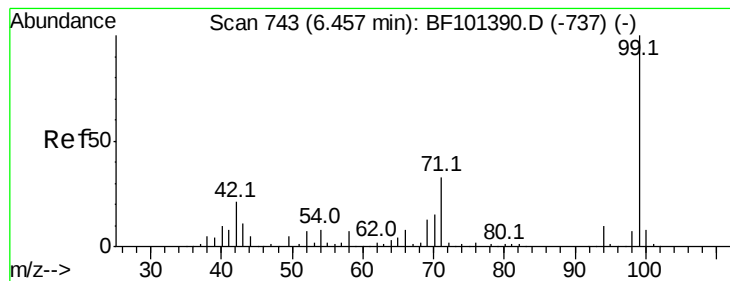


#5

2-Fluorophenol
Concen: 120.039 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Tgt Ion:112 Resp: 1237022
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 114.544 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Instrument :

BNA_F

ClientSampleId :

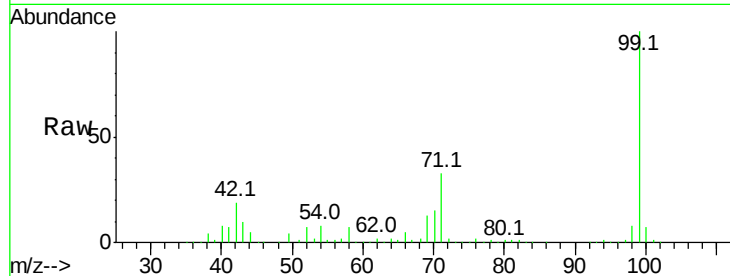
Tot Ion: 99 Resp: 1469047

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

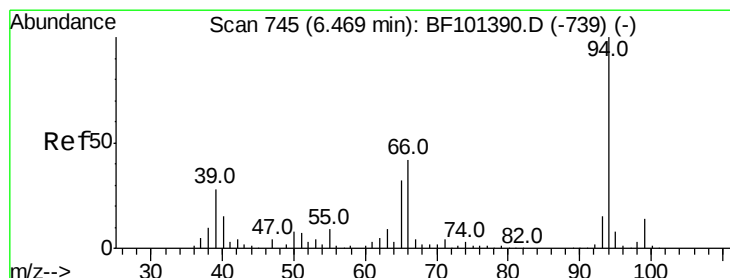
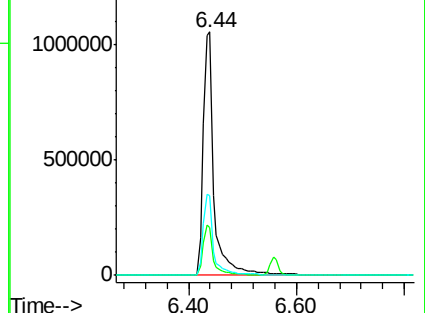
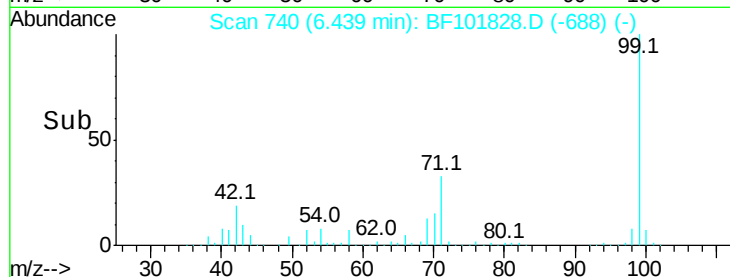
71 32.6 25.4 38.0



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



#10

Phenol

Concen: 4.857 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

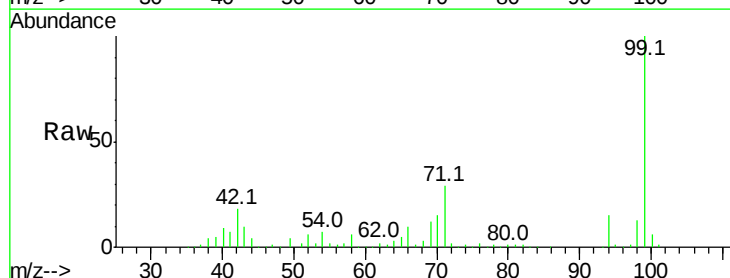
Tgt Ion: 94 Resp: 70999

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

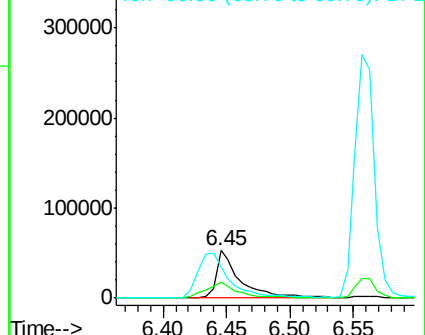
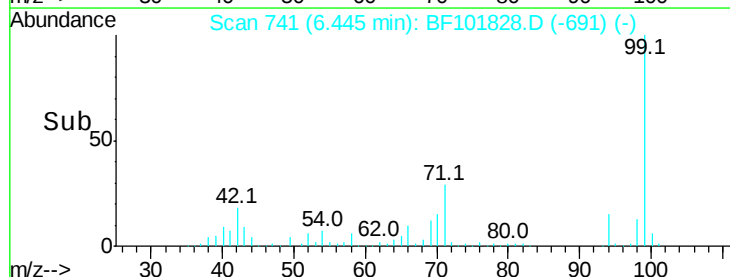
66 65.4 16.2 56.2#

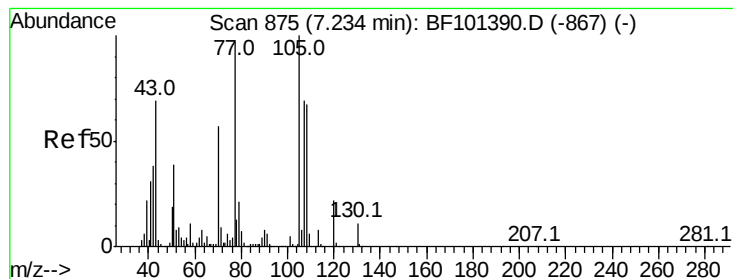


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 14.488 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 122026

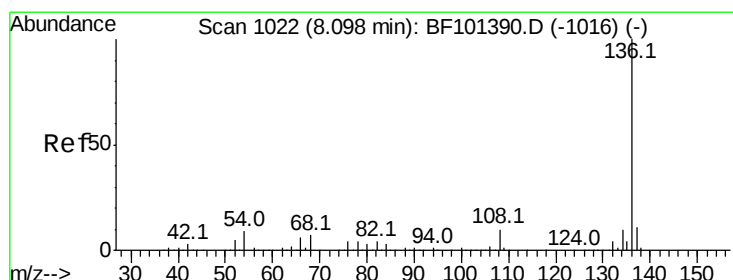
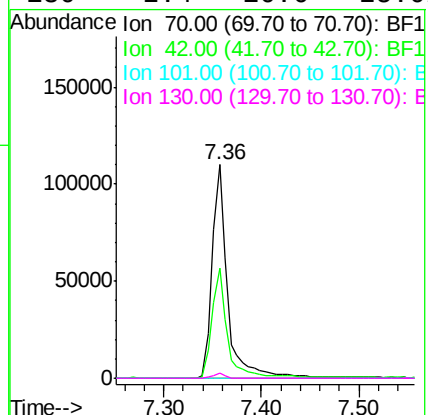
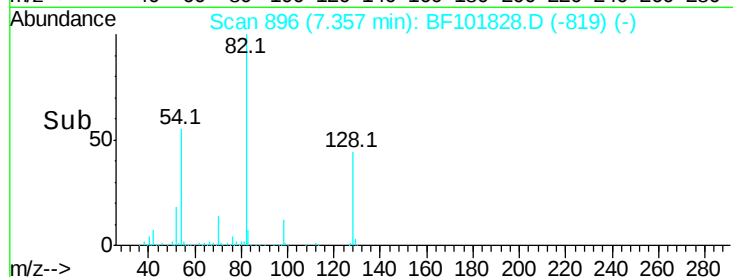
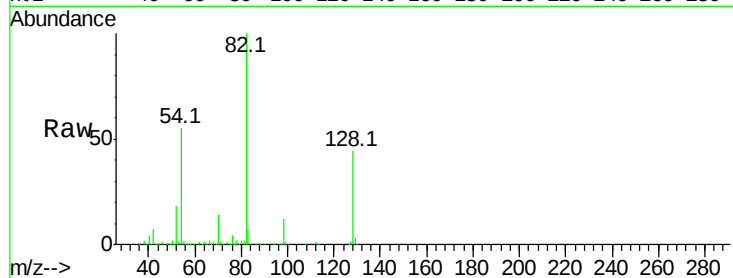
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Tgt Ion: 136 Resp: 597517

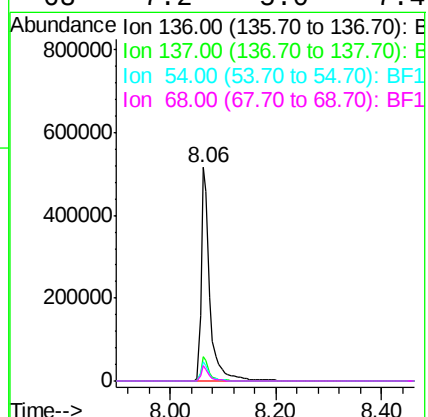
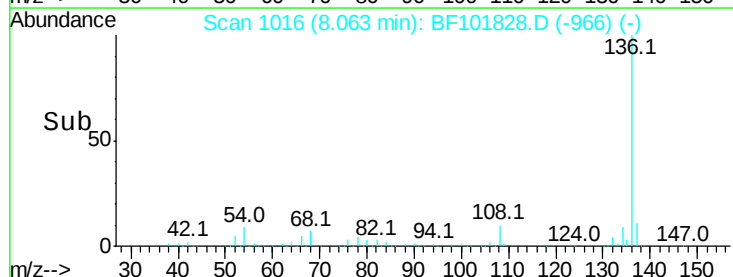
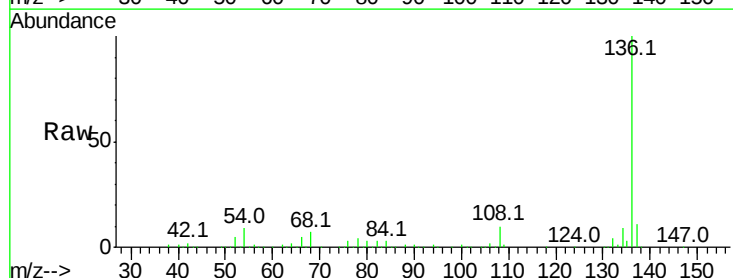
Ion Ratio Lower Upper

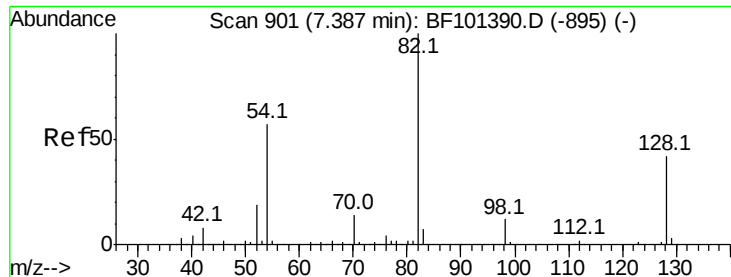
136 100

137 11.2 8.9 13.3

54 9.0 6.6 9.8

68 7.2 5.0 7.4

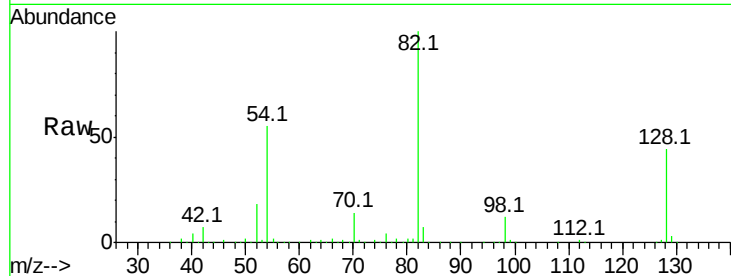




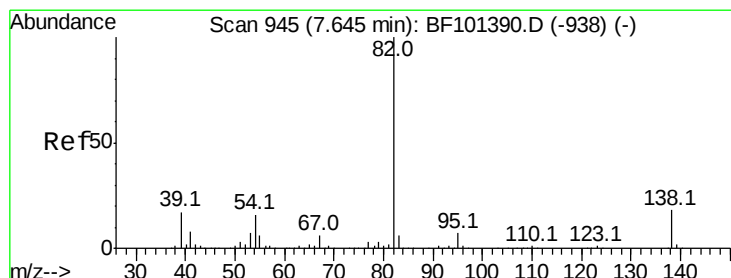
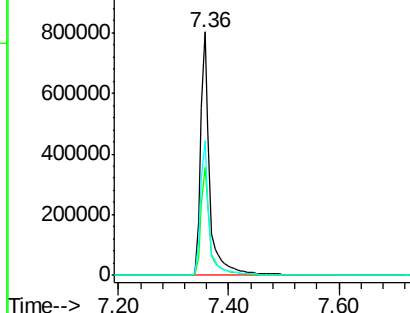
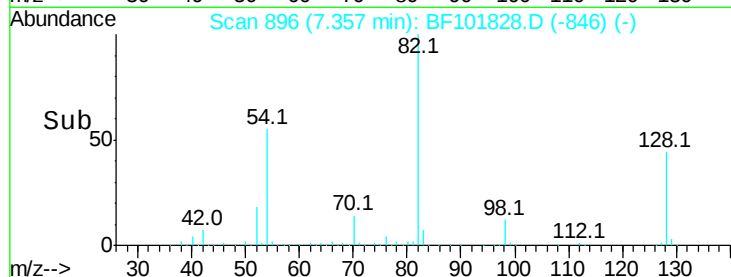
#23
Nitrobenzene-d5
Concen: 86.169 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	924940
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	55.3	41.4	62.2

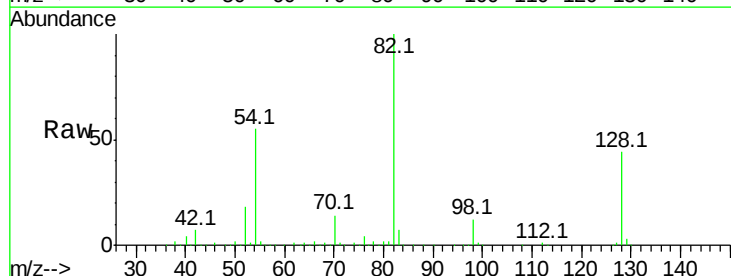


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

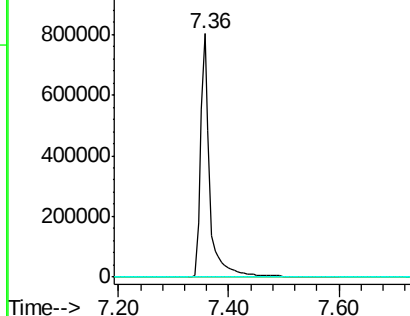
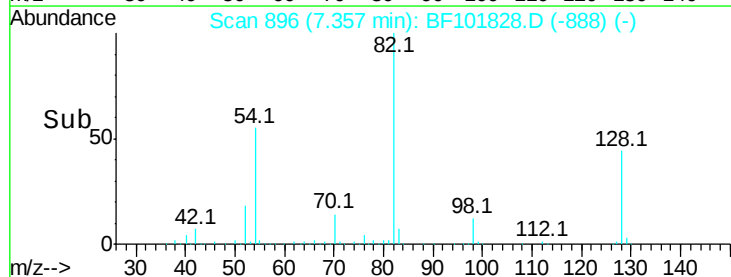


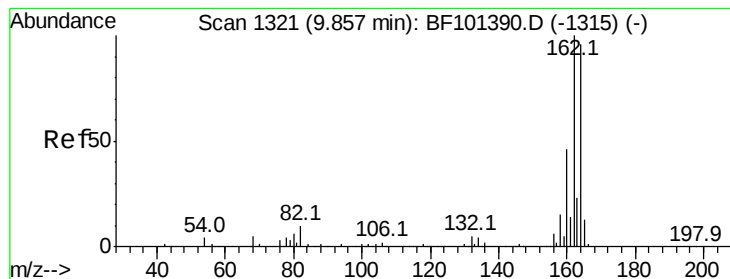
#25
Isophorone
Concen: 42.954 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.25 min
Lab File: BF101828.D
Acq: 29 Dec 2017 14:48

Tgt Ion	82	Resp	924940
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



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: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Instrument :

BNA_F

ClientSampleId :

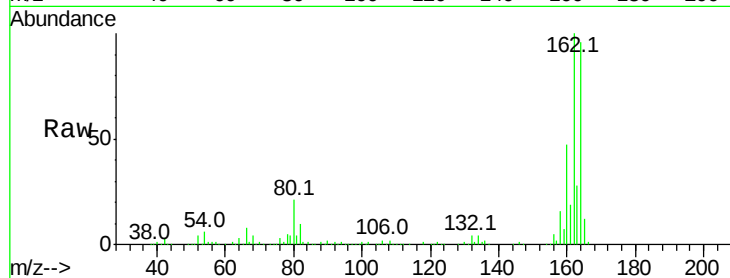
Tot Ion:164 Resp: 243877

Ion Ratio Lower Upper

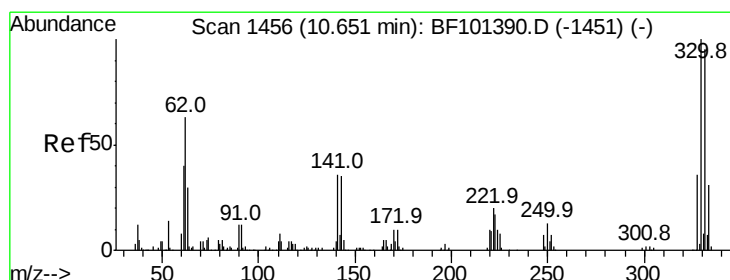
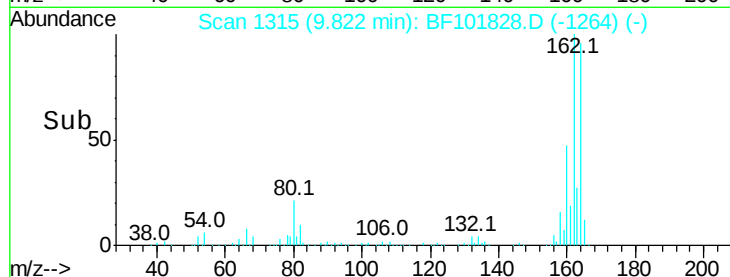
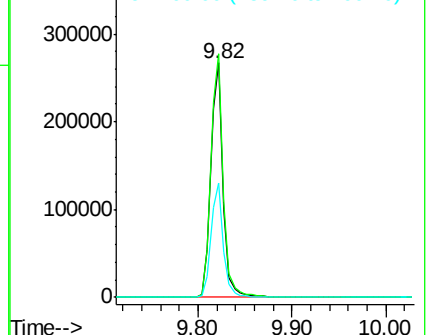
164 100

162 104.0 86.1 129.1

160 48.9 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: 116.802 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

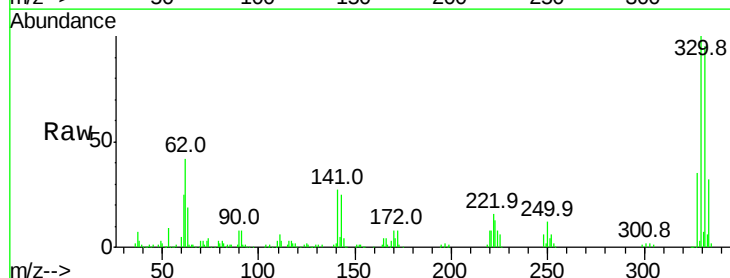
Tgt Ion:330 Resp: 274479

Ion Ratio Lower Upper

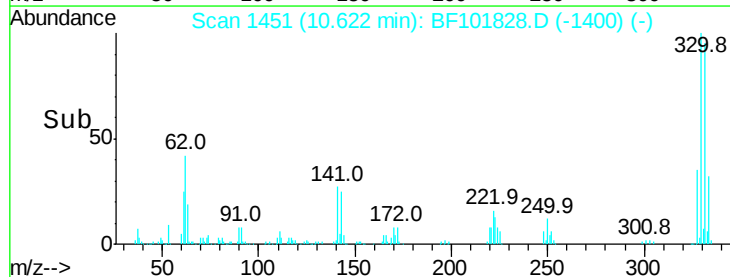
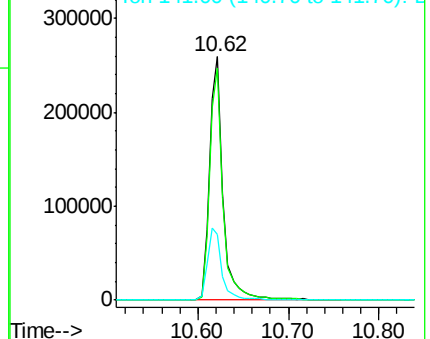
330 100

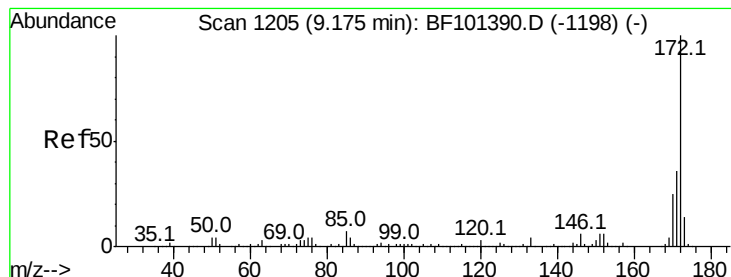
332 95.1 77.0 115.6

141 31.7 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: 86.817 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

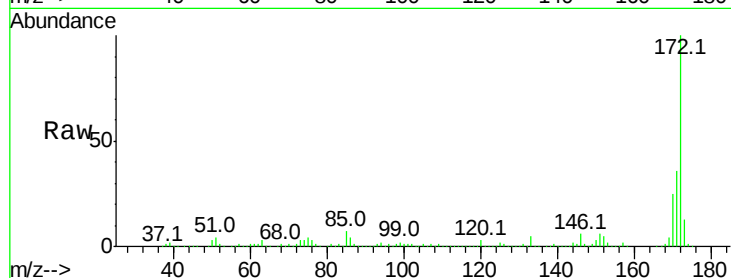
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1364886

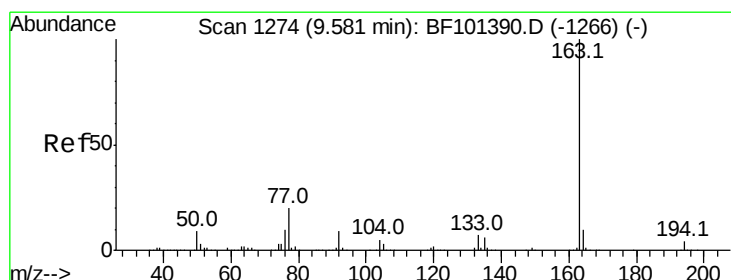
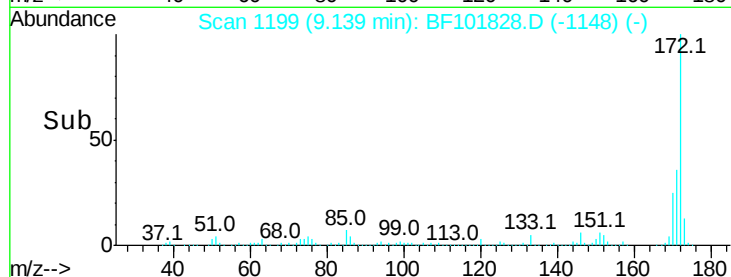
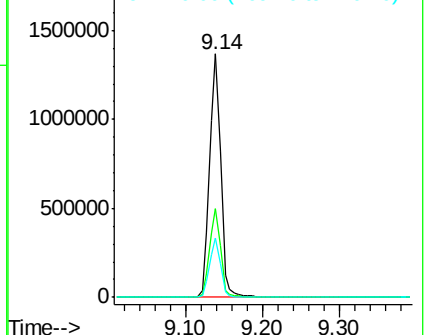
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4



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: 7.268 ng

RT: 9.54 min Scan# 1267

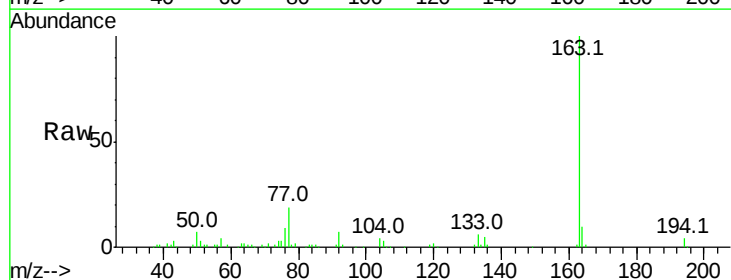
Delta R.T. -0.01 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Tgt Ion:163 Resp: 142576

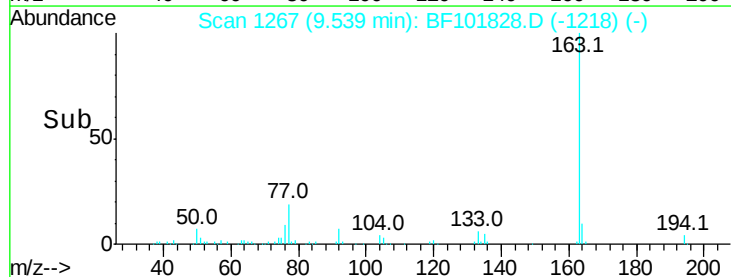
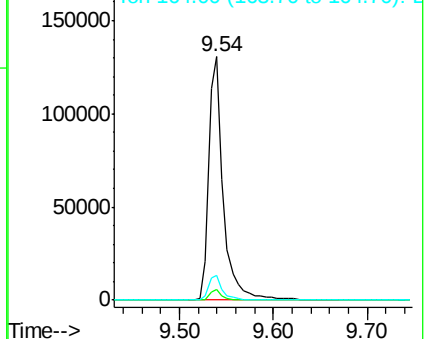
Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.4	8.2	12.2

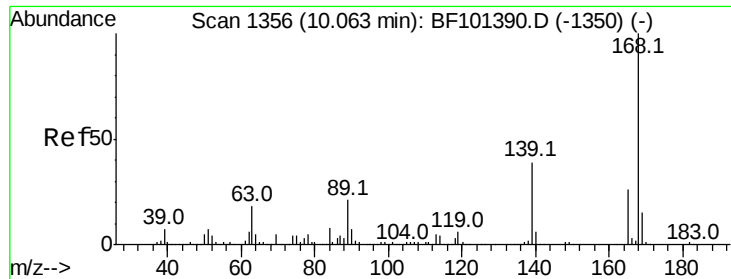


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

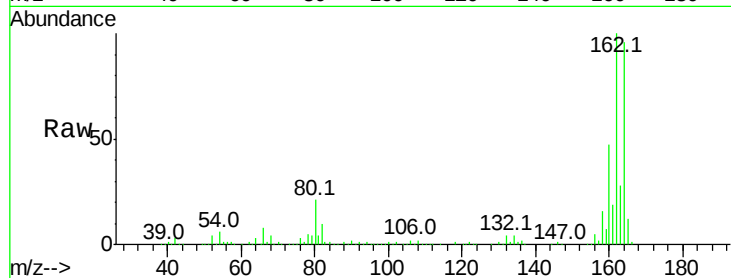




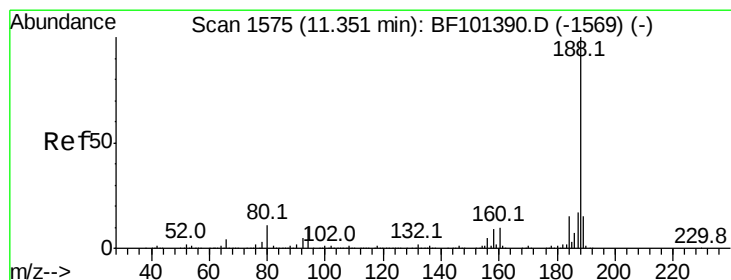
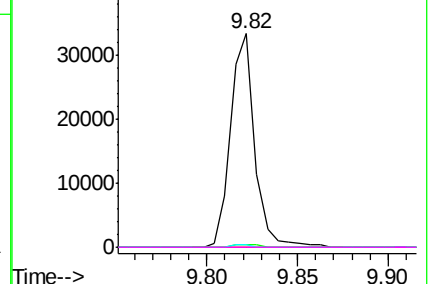
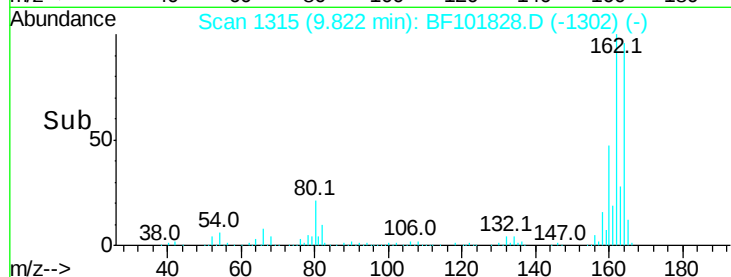
#56
 2,4-Dinitrotoluene
 Concen: 6.913 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101828.D
 Acq: 29 Dec 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 31054
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

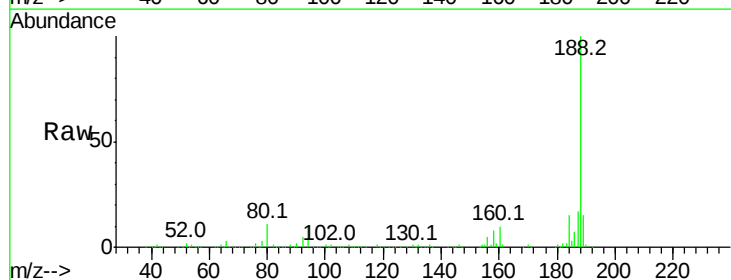


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

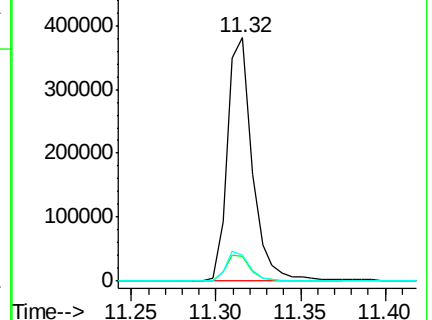
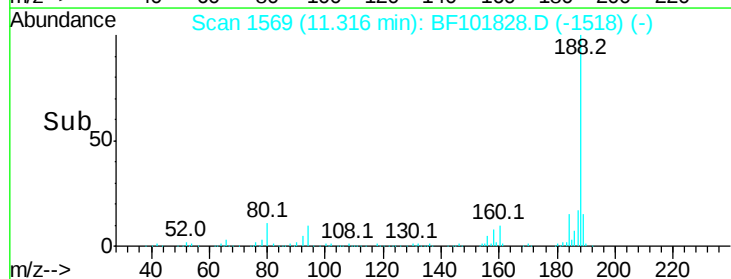


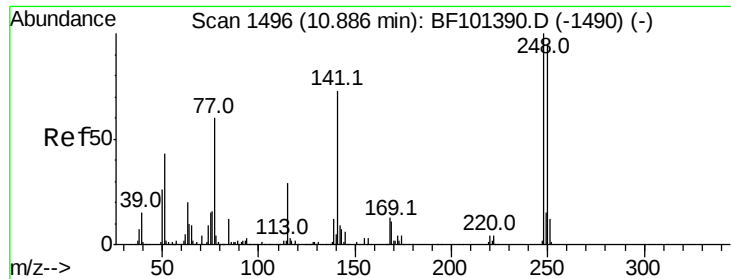
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101828.D
 Acq: 29 Dec 2017 14:48

Tgt Ion:188 Resp: 392906
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.6 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

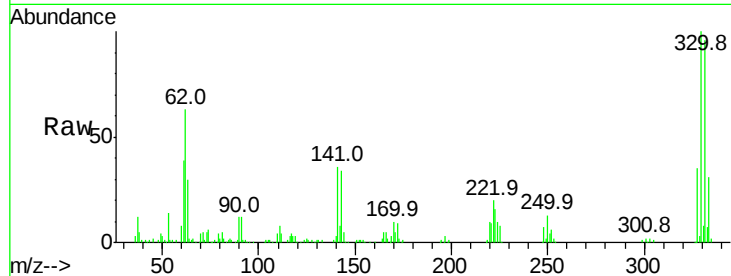




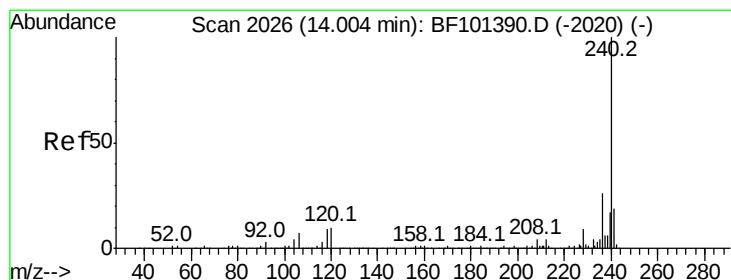
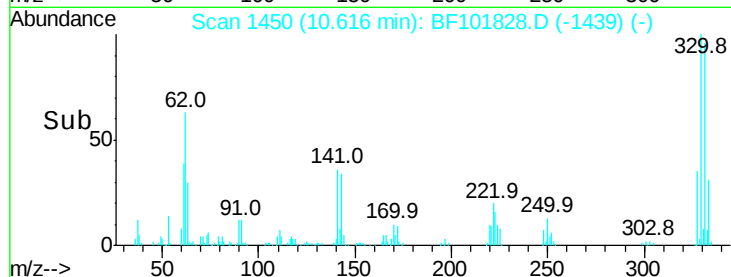
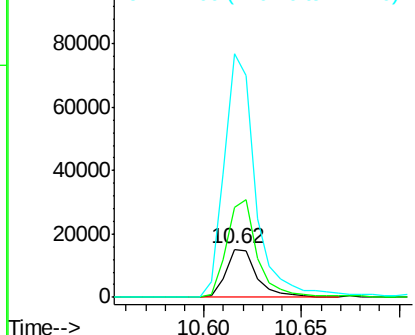
#66
 4-Bromophenyl-phenylether
 Concen: 3.789 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF101828.D
 Acq: 29 Dec 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16726
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.9 115.3#
 141 504.6 74.4 111.6#

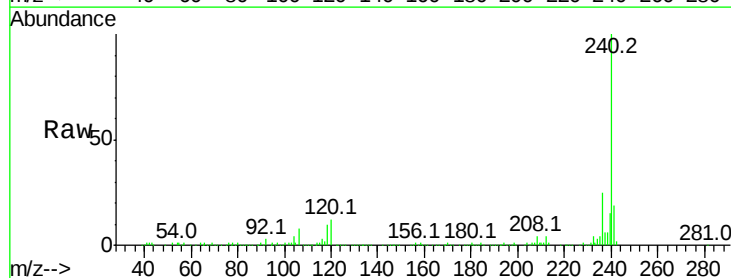


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

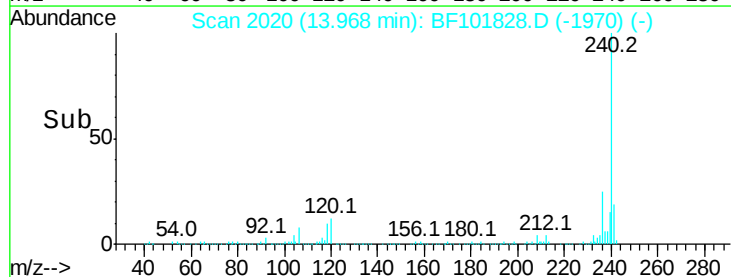
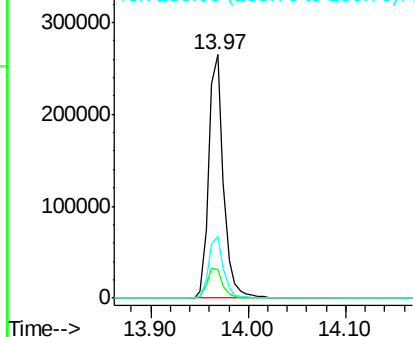


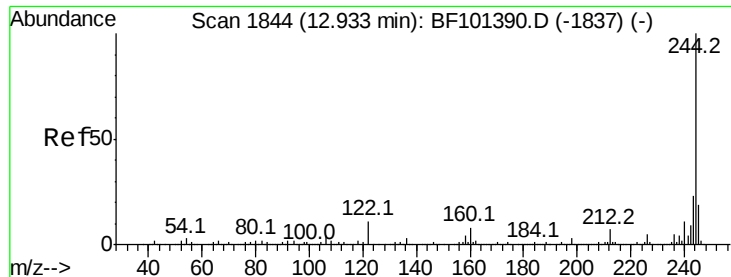
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF101828.D
 Acq: 29 Dec 2017 14:48

Tgt Ion:240 Resp: 277450
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 25.2 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: 85.471 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

Instrument :

BNA_F

ClientSampleId :

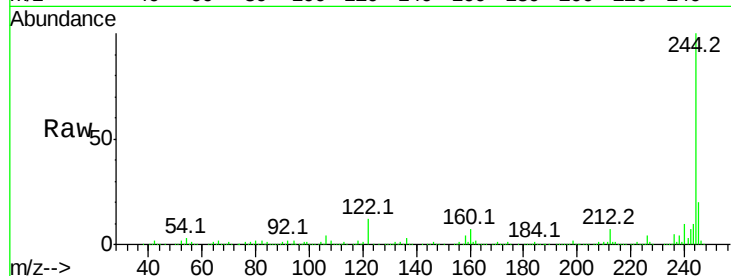
Tot Ion:244 Resp: 983672

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

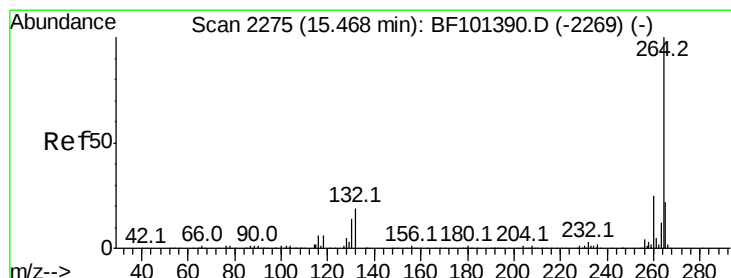
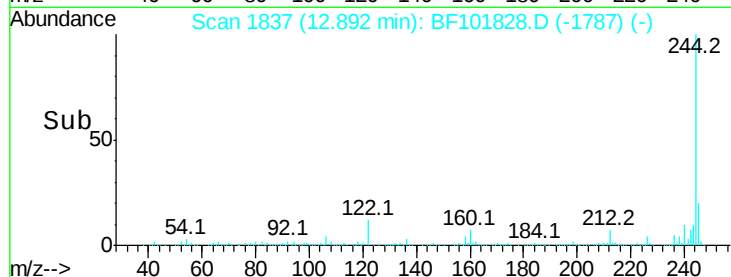
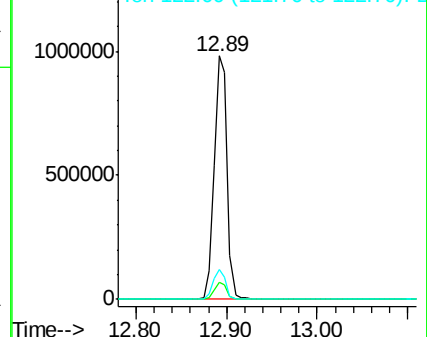
122 12.2 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF101828.D

Acq: 29 Dec 2017 14:48

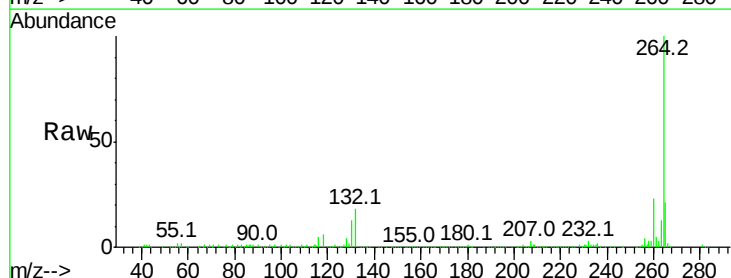
Tgt Ion:264 Resp: 283823

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.6 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

