

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099281.D
 Acq On : 10 Oct 2017 00:03
 Operator : SJ/JU
 Sample : I5651-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:15:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

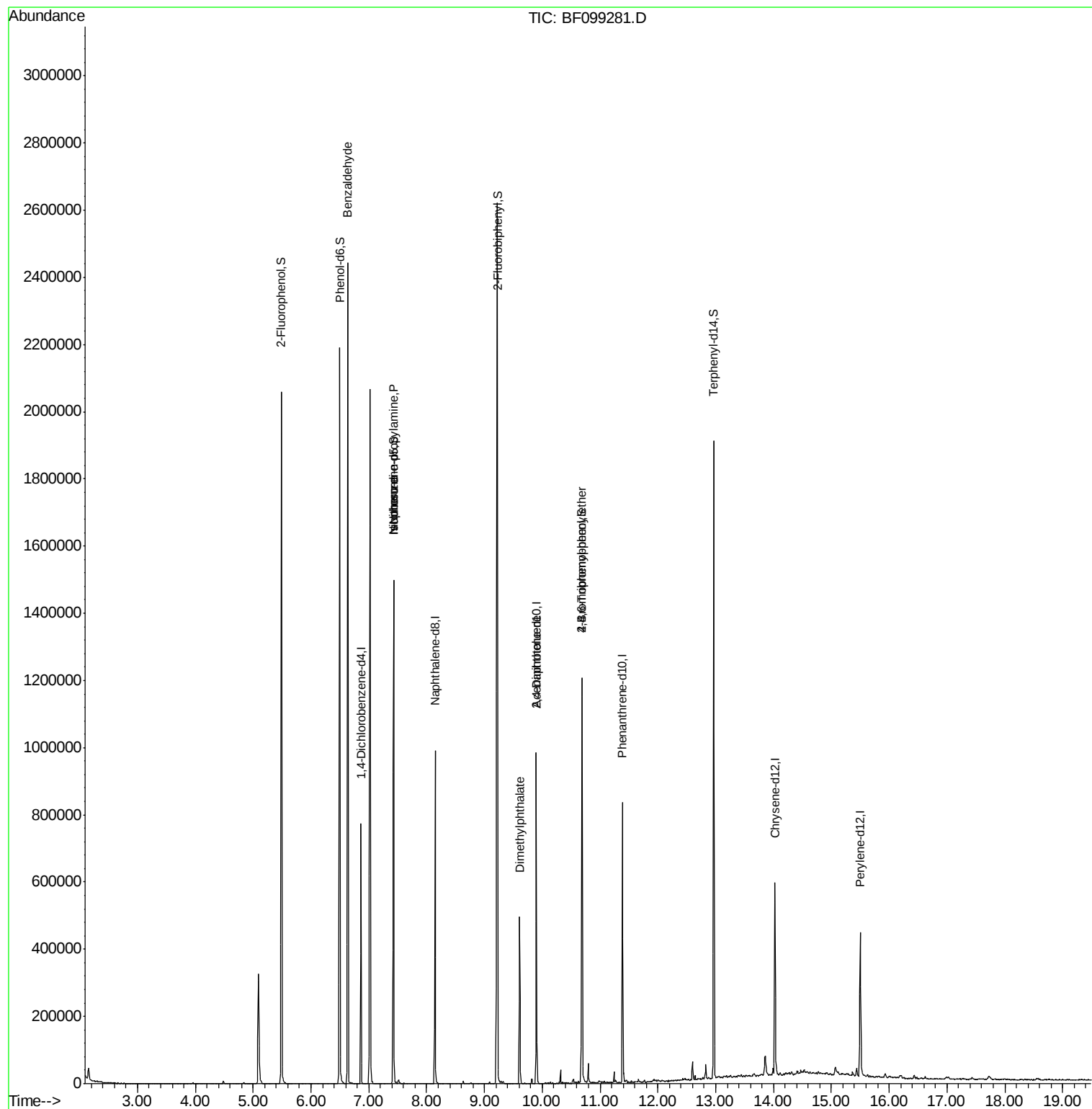
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106644	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	432493	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	184472	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	276468	20.00	ng	0.00
75) Chrysene-d12	14.03	240	186815	20.00	ng	0.00
86) Perylene-d12	15.50	264	194165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	706014	105.39	ng	0.01
7) Phenol-d6	6.50	99	846732	102.46	ng	0.00
23) Nitrobenzene-d5	7.43	82	502740	74.55	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	152232	100.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	916747	82.96	ng	0.00
78) Terphenyl-d14	12.97	244	571924	69.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13778	2.87	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.43	70	63988	12.13	ng	# 73
25) Isophorone	7.43	82	502733	36.06	ng	# 64
49) Dimethylphthalate	9.61	163	192220	13.81	ng	100
56) 2,4-Dinitrotoluene	9.90	165	23693	6.02	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	10321	3.81	ng	# 1

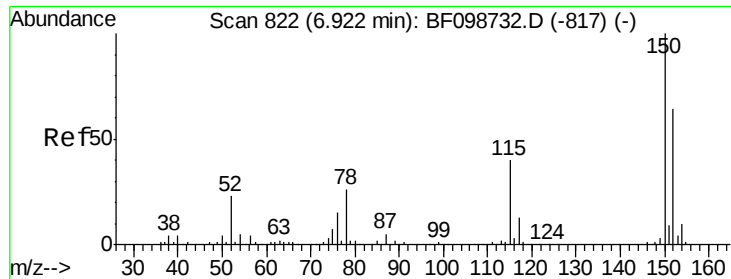
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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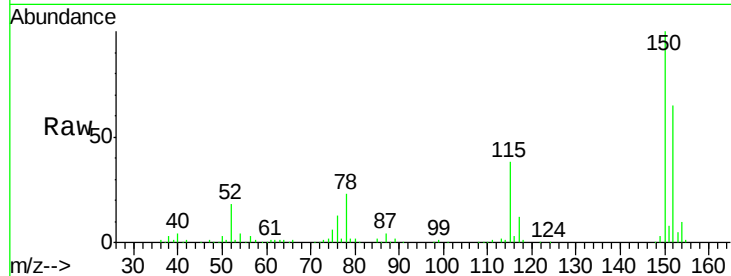


#1

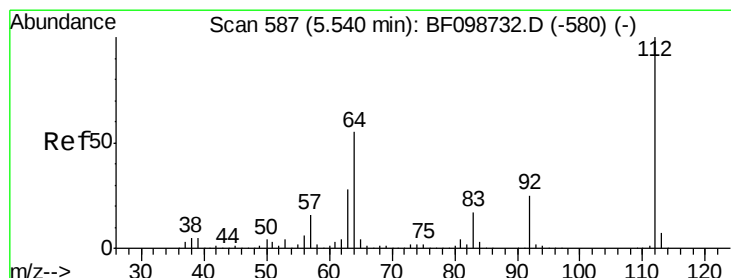
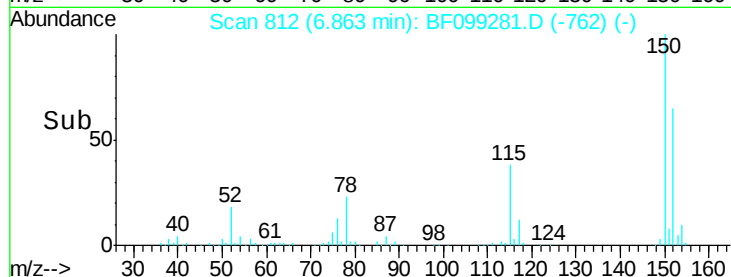
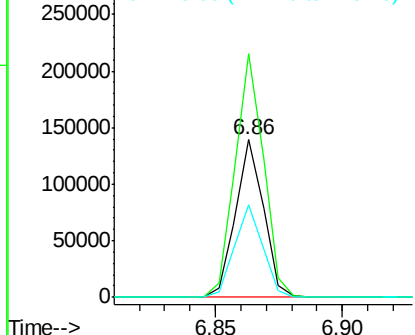
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 106644
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 58.6 50.1 75.1



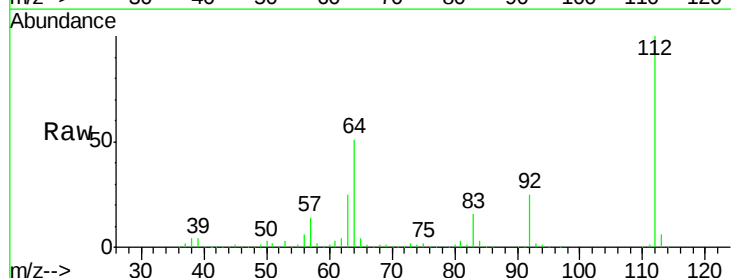
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



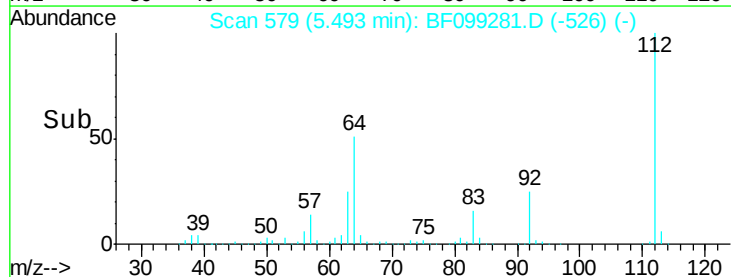
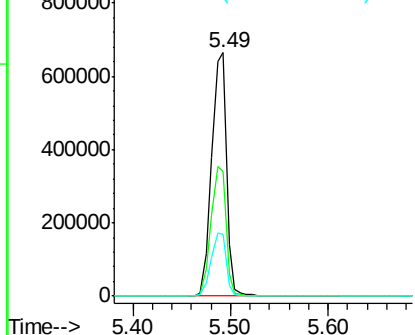
#5

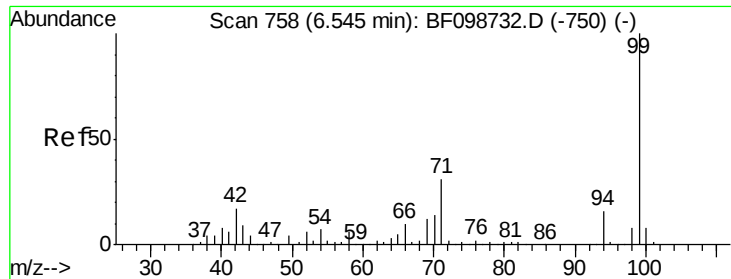
2-Fluorophenol
 Concen: 105.39 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Tgt Ion:112 Resp: 706014
 Ion Ratio Lower Upper
 112 100
 64 51.1 47.9 71.9
 63 25.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.46 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

Instrument :

BNA_F

ClientSampled :

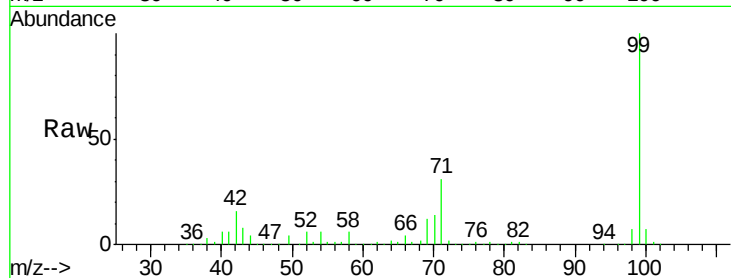
Tot Ion: 99 Resp: 846732

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

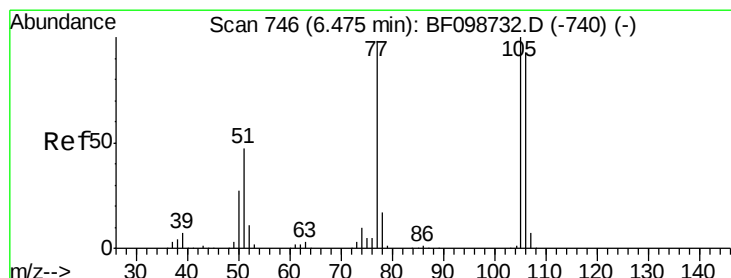
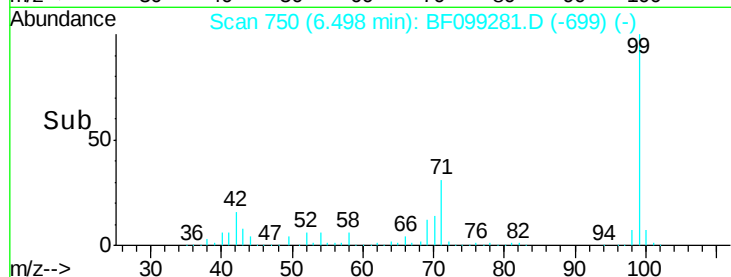
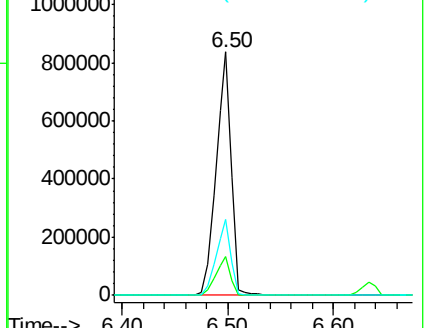
71 31.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

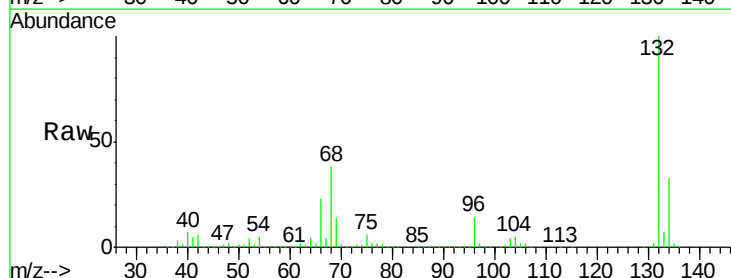
Tgt Ion: 77 Resp: 13778

Ion Ratio Lower Upper

77 100

105 86.0 81.1 121.1

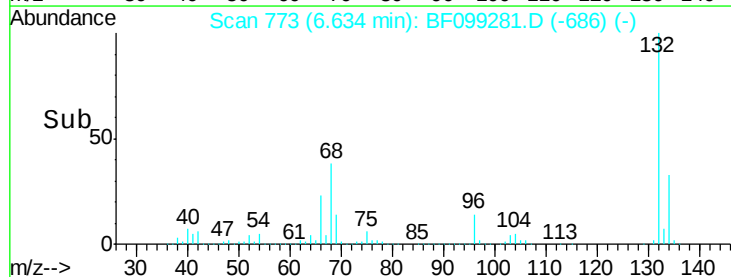
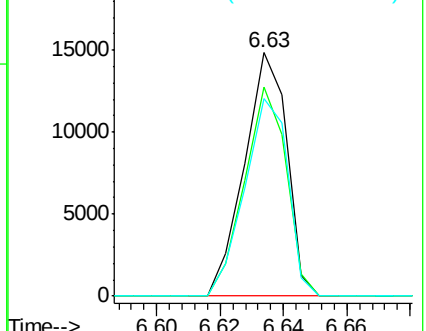
106 81.3 74.5 114.5

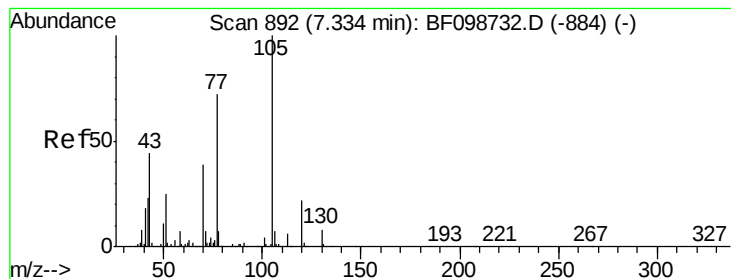


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.13 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 63988

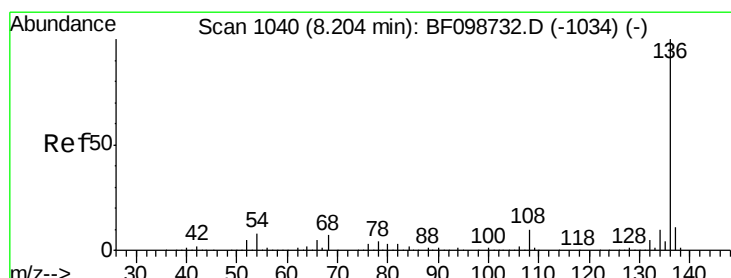
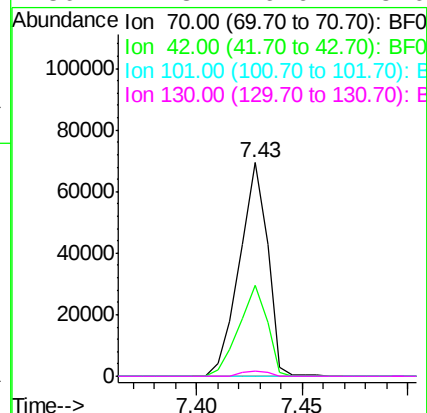
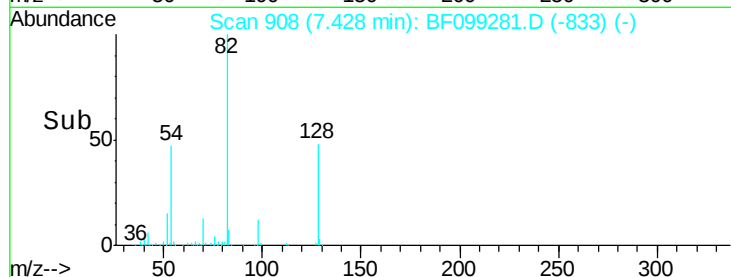
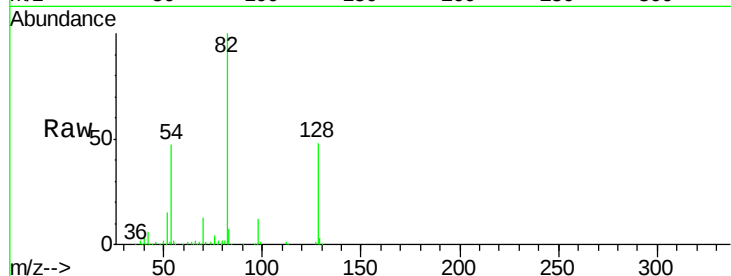
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

Tgt Ion: 136 Resp: 432493

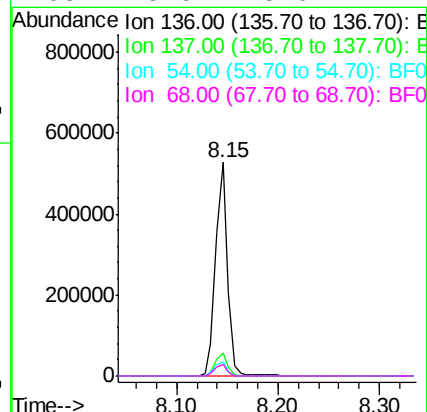
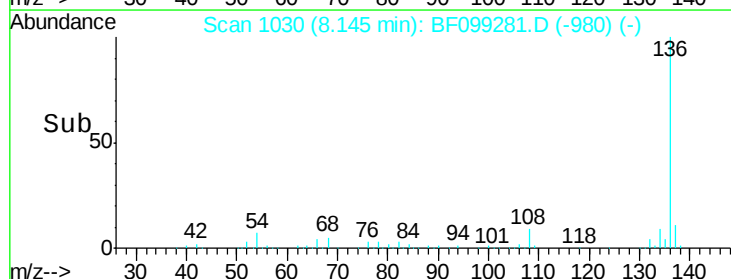
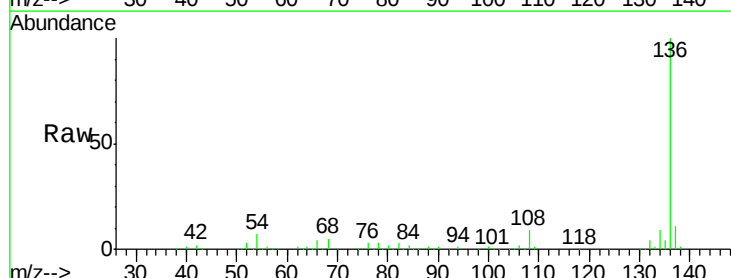
Ion Ratio Lower Upper

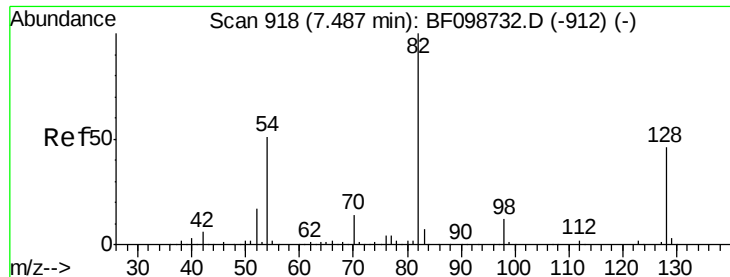
136 100

137 10.8 8.9 13.3

54 6.9 6.6 9.8

68 5.5 5.0 7.4

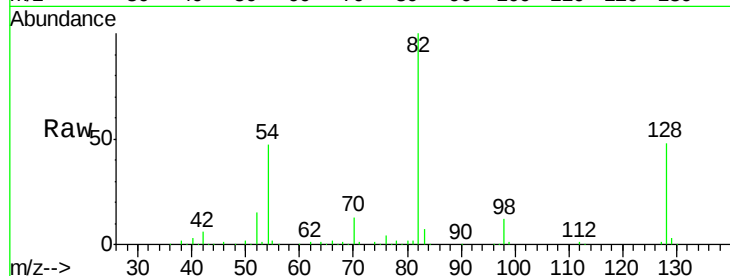




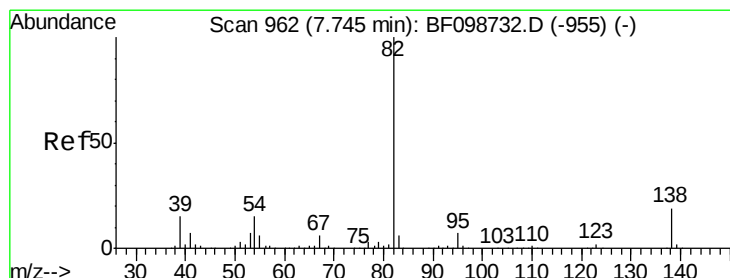
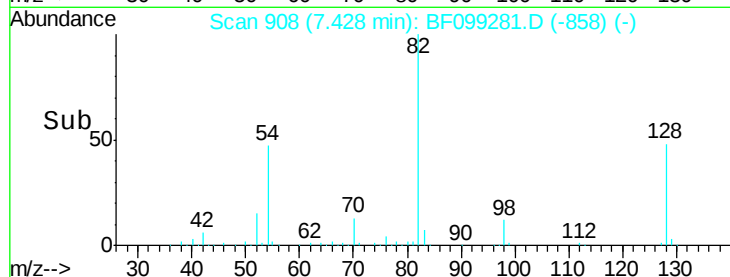
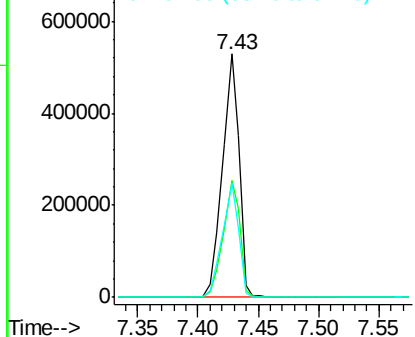
#23
Nitrobenzene-d5
Concen: 74.55 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099281.D
Acq: 10 Oct 2017 00:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 502740
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 47.2 41.4 62.2

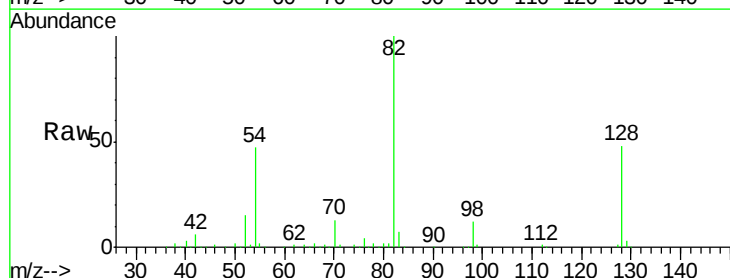


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

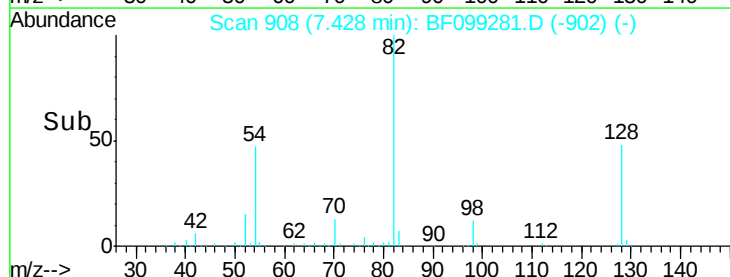
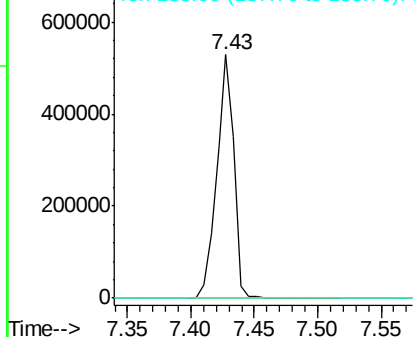


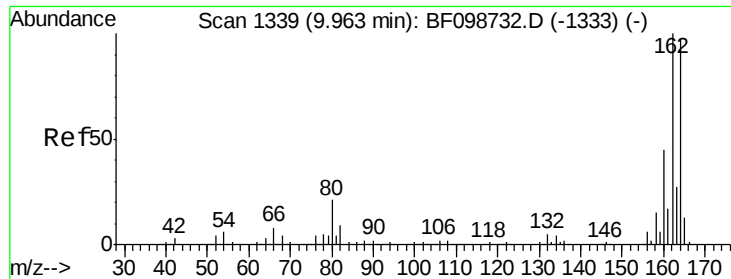
#25
Isophorone
Concen: 36.06 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099281.D
Acq: 10 Oct 2017 00:03

Tgt Ion: 82 Resp: 502733
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

Instrument :

BNA_F

ClientSampleId :

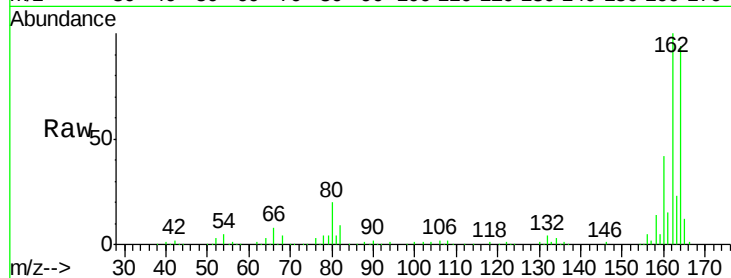
Tot Ion:164 Resp: 184472

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

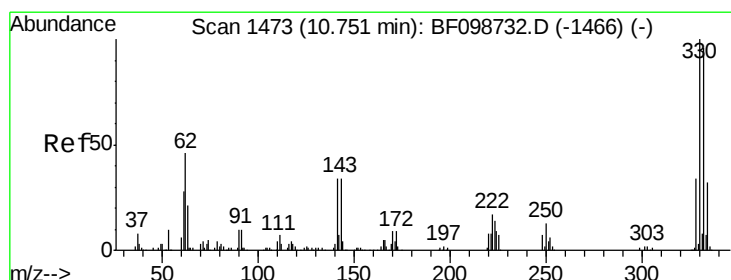
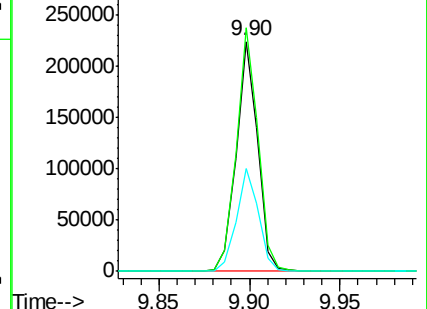
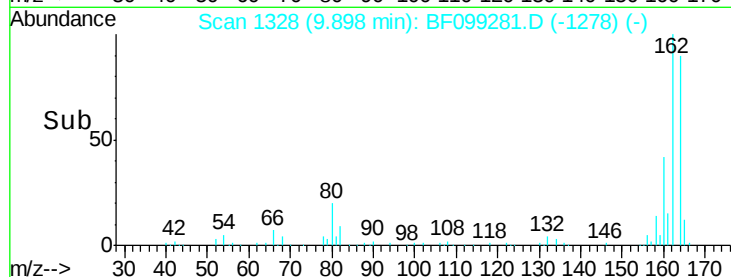
160 44.6 38.3 57.5



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: 100.85 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099281.D

Acq: 10 Oct 2017 00:03

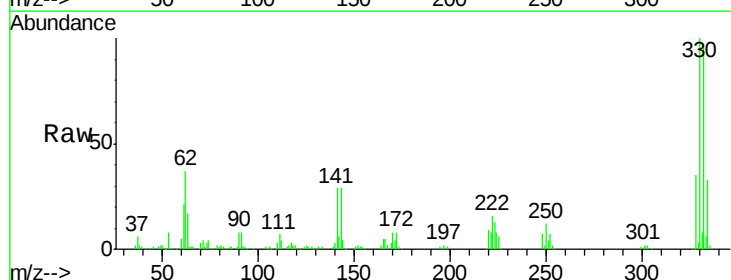
Tgt Ion:330 Resp: 152232

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

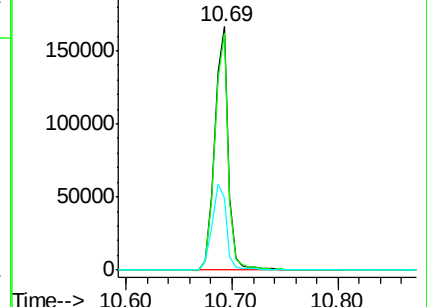
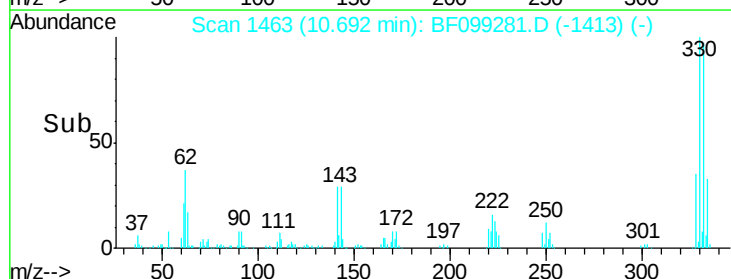
141 36.9 29.9 44.9

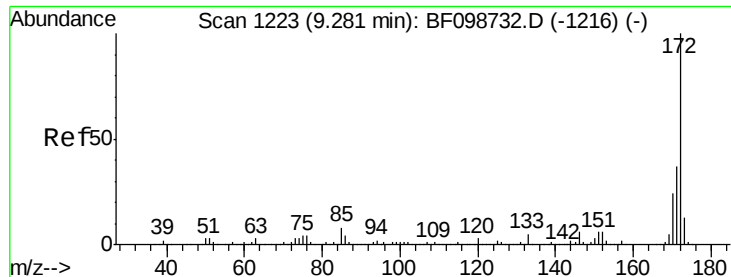


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

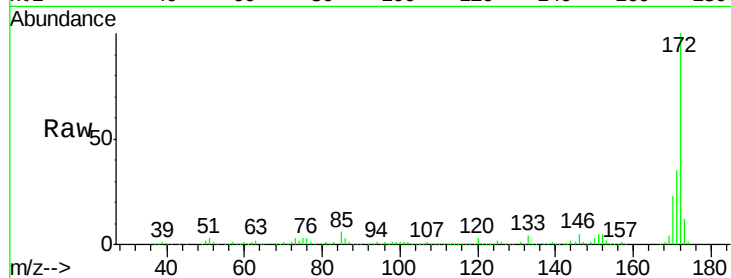




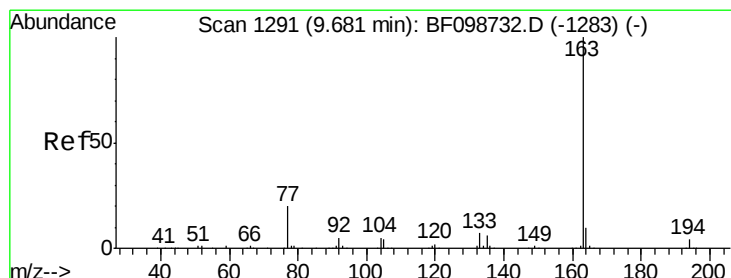
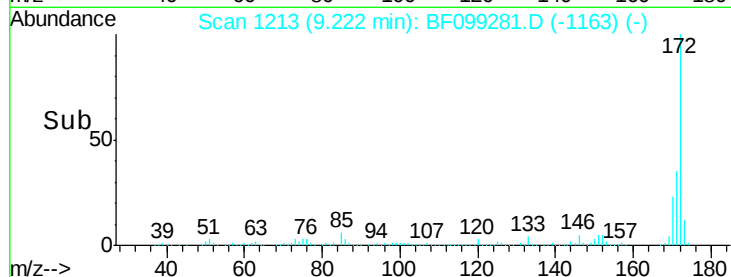
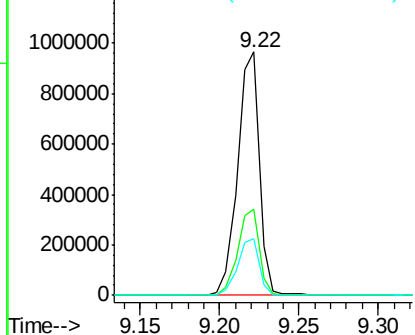
#44
 2-Fluorobiphenyl
 Concen: 82.96 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 916747
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.1 19.6 29.4

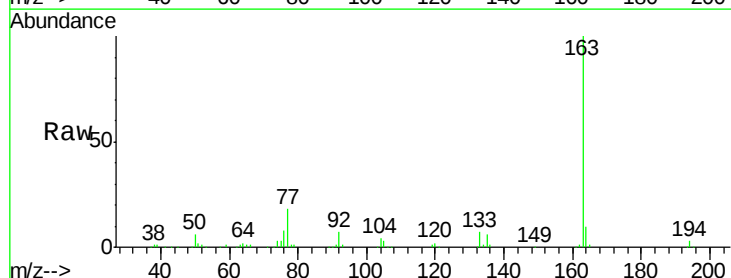


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

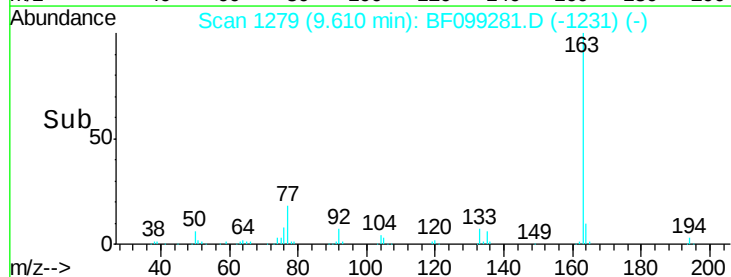
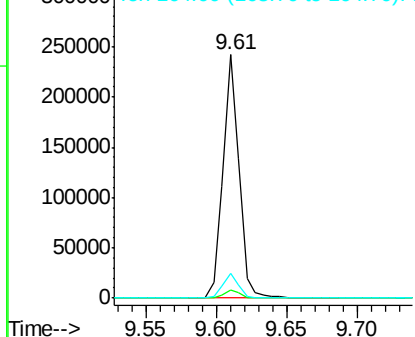


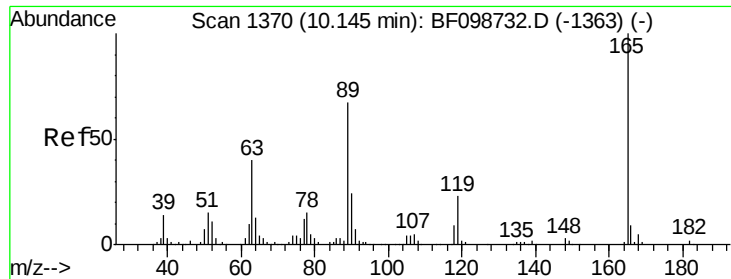
#49
 Dimethylphthalate
 Concen: 13.81 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Tgt Ion:163 Resp: 192220
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.2 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

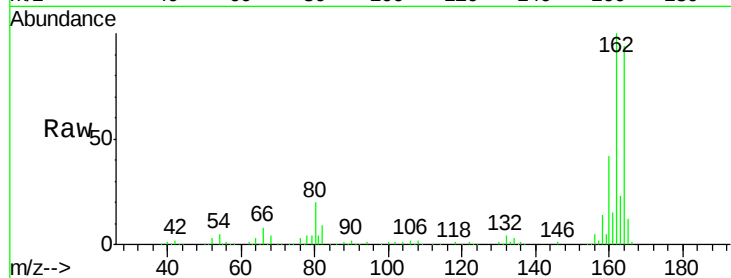




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

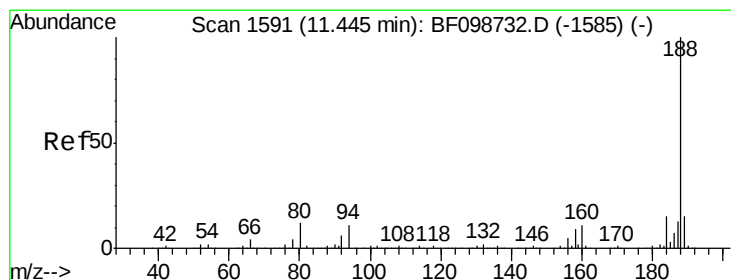
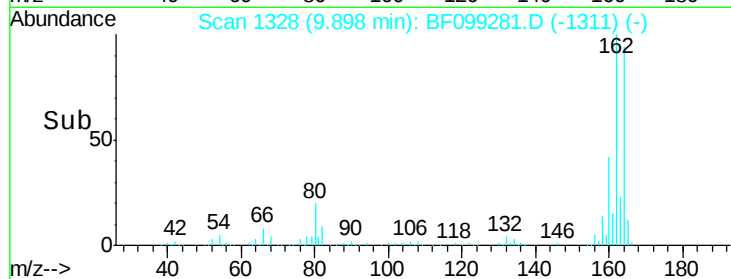
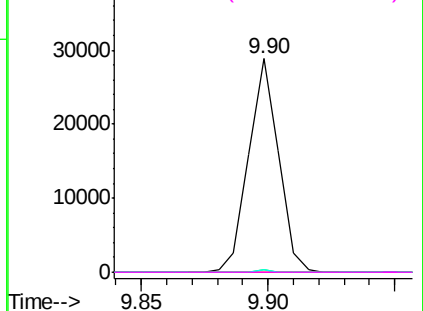


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



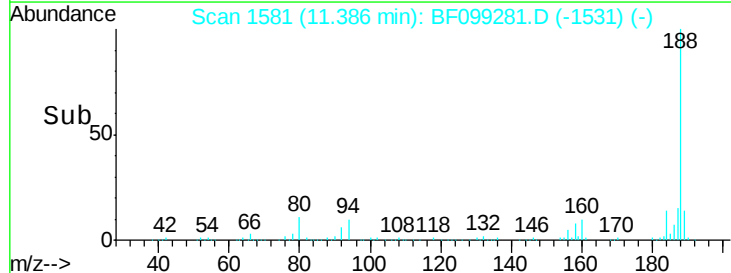
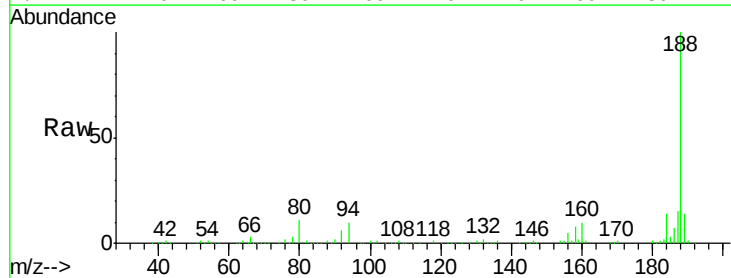
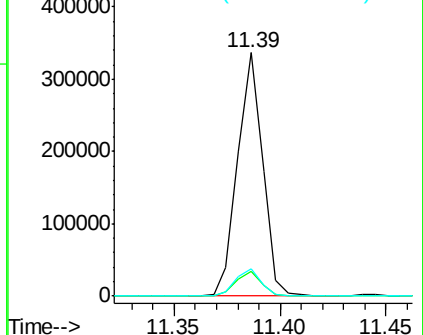
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

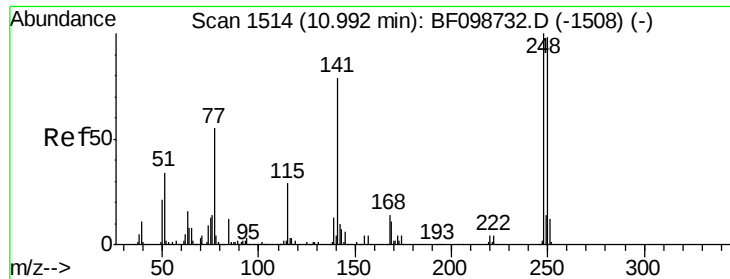
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.2	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

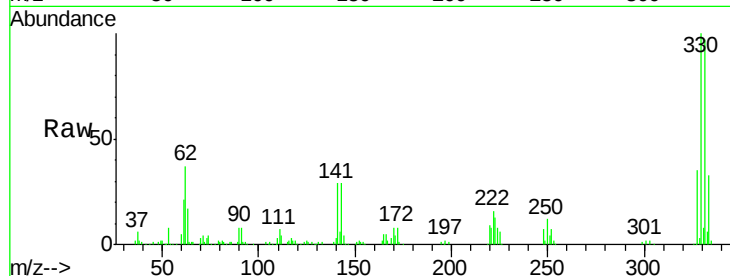




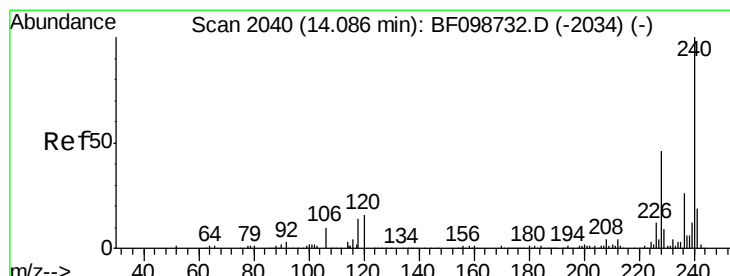
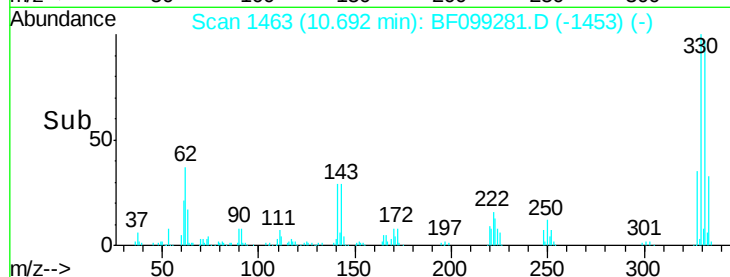
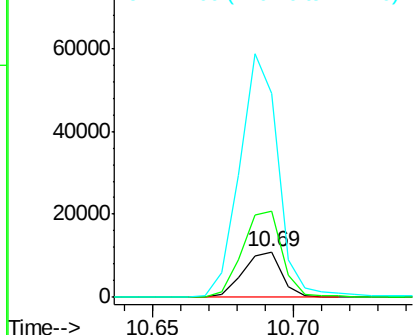
#66
 4-Bromophenyl-phenylether
 Concen: 3.81 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10321
 Ion Ratio Lower Upper
 248 100
 250 187.3 76.9 115.3#
 141 444.2 74.4 111.6#

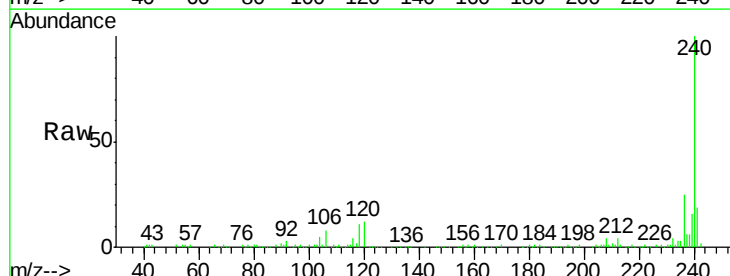


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

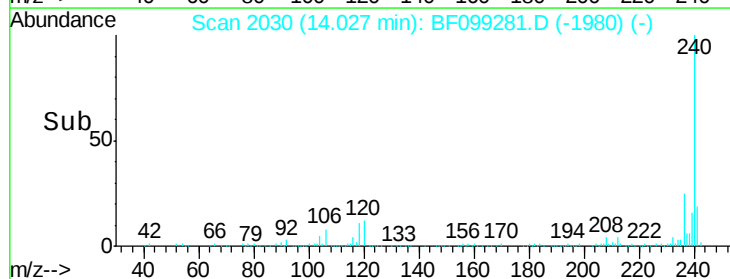
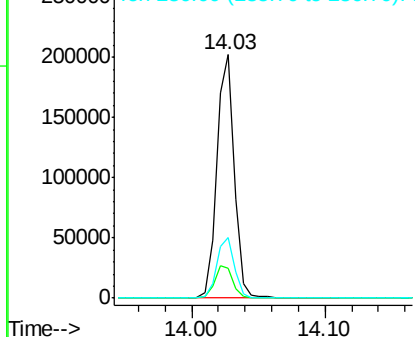


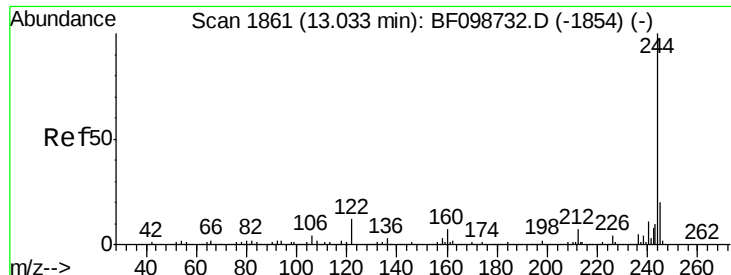
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Tgt Ion:240 Resp: 186815
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 24.9 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

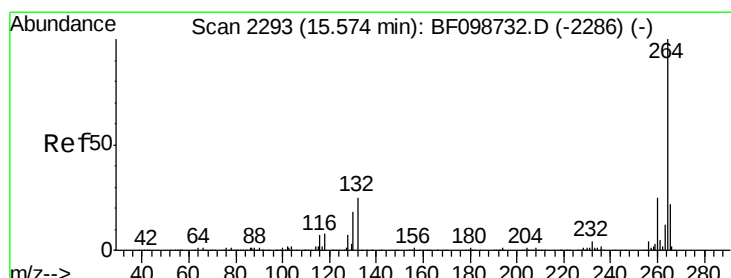
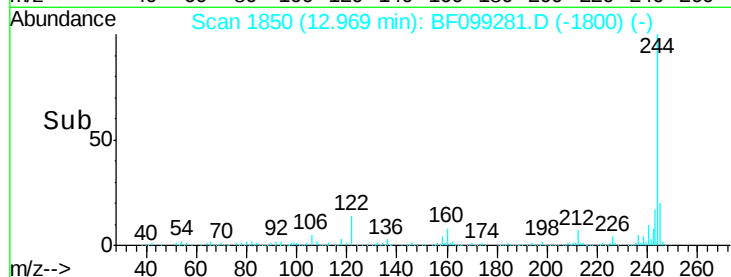
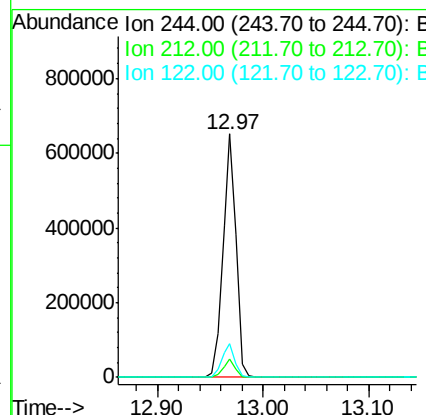
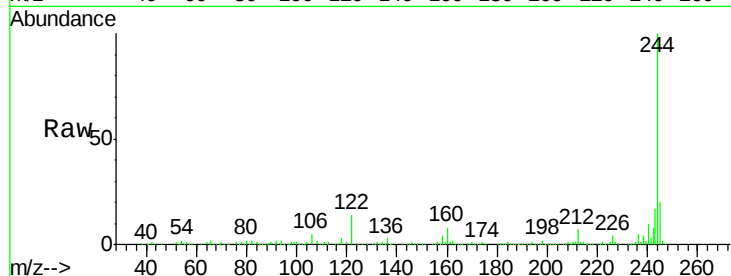




#78
 Terphenyl-d14
 Concen: 69.62 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 571924
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099281.D
 Acq: 10 Oct 2017 00:03

Tgt Ion:264 Resp: 194165
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.2 17.5 26.3

