

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099746.D
 Acq On : 22 Oct 2017 00:41
 Operator : SJ/JU
 Sample : I6037-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 05:13:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

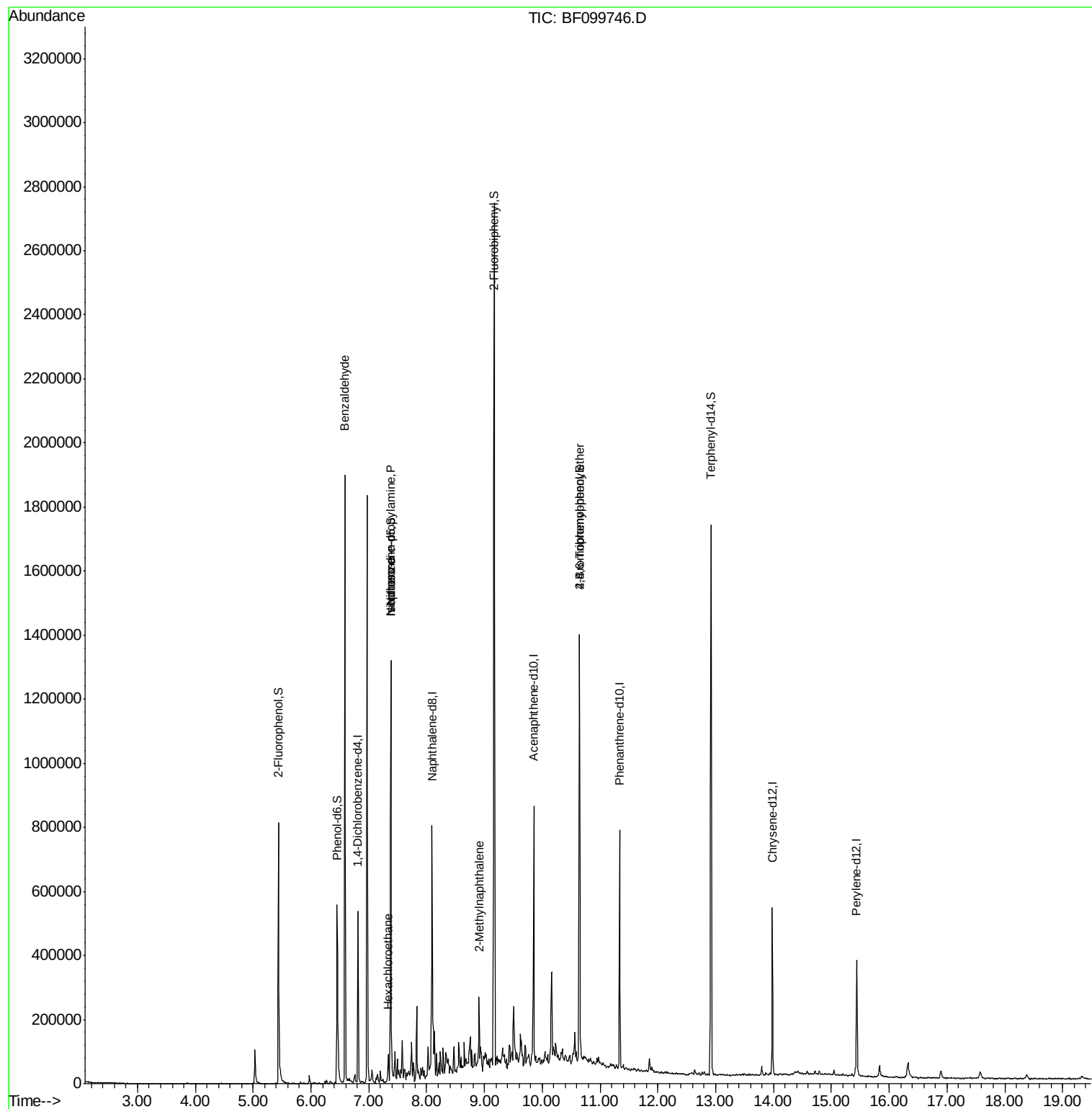
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	87748	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	349186	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	165936	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	264018	20.00	ng	0.00
75) Chrysene-d12	13.98	240	159696	20.00	ng	0.00
86) Perylene-d12	15.44	264	162781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	295369	53.59	ng	0.00
7) Phenol-d6	6.45	99	225263	33.13	ng	-0.01
23) Nitrobenzene-d5	7.38	82	446383	81.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	160164	117.96	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	885101	89.05	ng	0.00
78) Terphenyl-d14	12.92	244	592574	84.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	10433	2.645	ng	85
18) Hexachloroethane	7.34	117	14316	5.988	ng	# 27
19) n-Nitroso-di-n-propylamine	7.38	70	54752	12.612	ng	# 72
25) Isophorone	7.38	82	446383	39.652	ng	# 64
37) 2-Methylnaphthalene	8.90	142	47852	4.488	ng	92
66) 4-Bromophenyl-phenylether	10.65	248	10925	4.227	ng	# 1

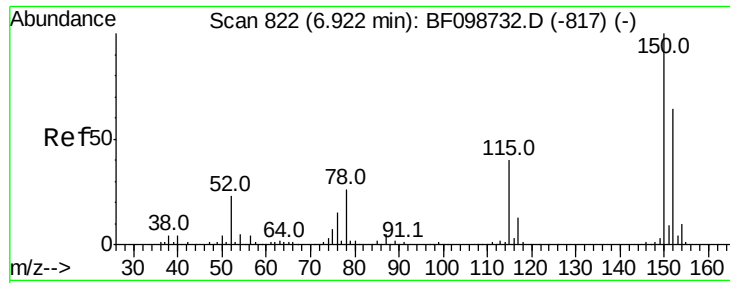
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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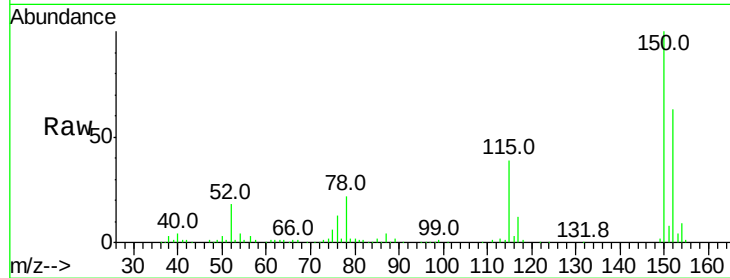


#1

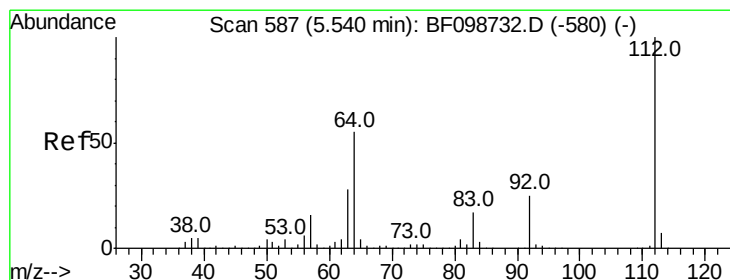
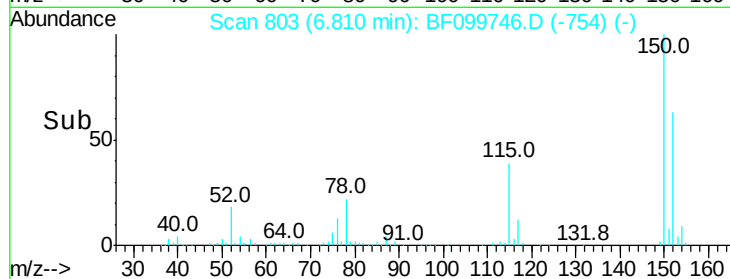
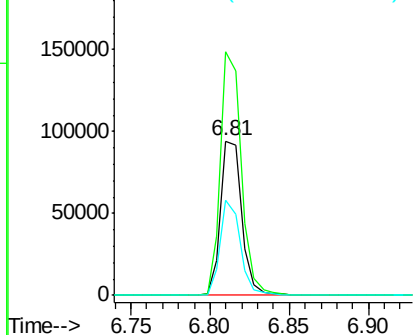
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 87748
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 61.2 50.1 75.1



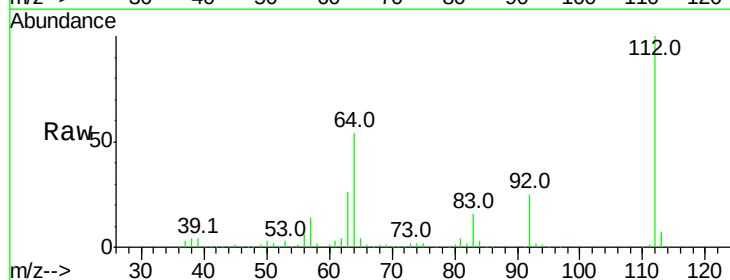
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



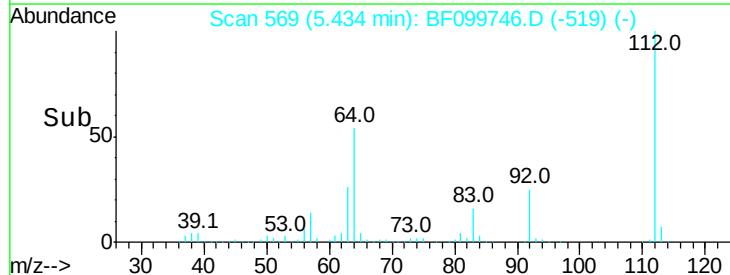
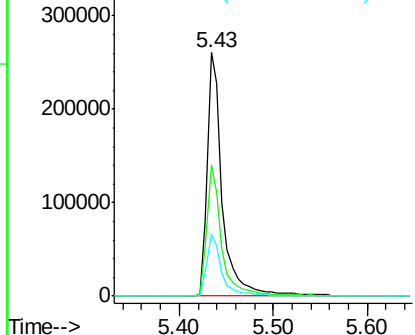
#5

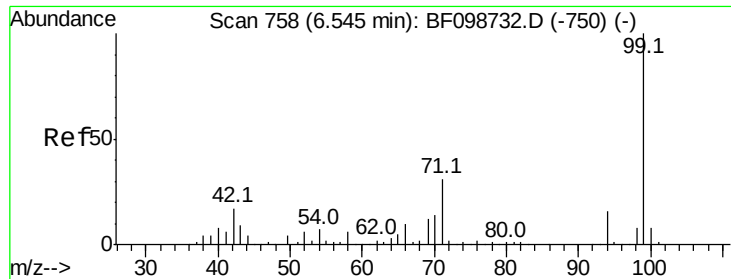
2-Fluorophenol
 Concen: 53.585 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Tgt Ion:112 Resp: 295369
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.9 71.9
 63 25.6 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: 33.128 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099746.D

Acq: 22 Oct 2017 00:41

Instrument :

BNA_F

ClientSampled :

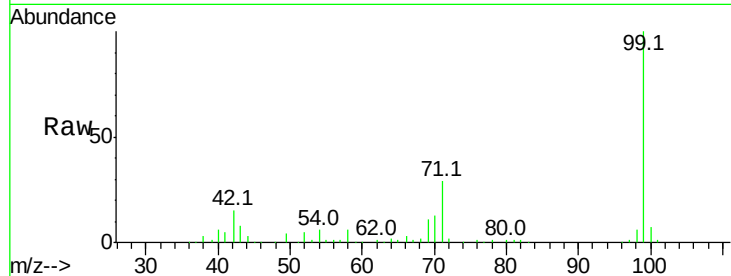
Tot Ion: 99 Resp: 225263

Ion Ratio Lower Upper

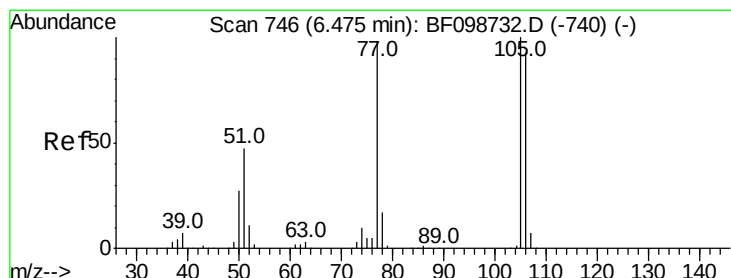
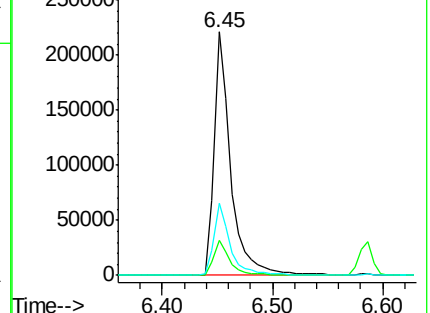
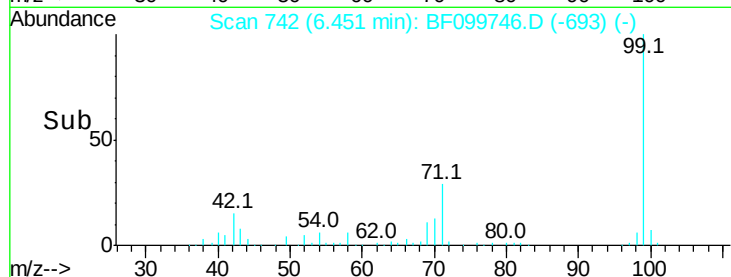
99 100

42 14.5 14.5 21.7

71 29.5 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: 2.645 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099746.D

Acq: 22 Oct 2017 00:41

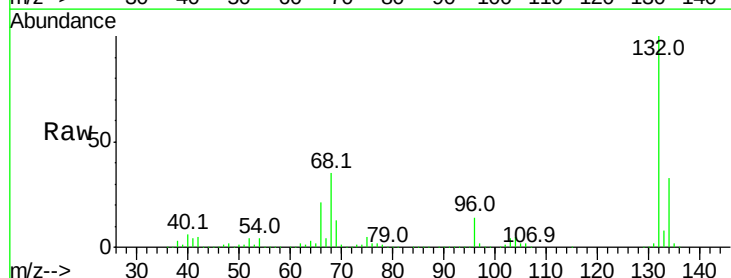
Tgt Ion: 77 Resp: 10433

Ion Ratio Lower Upper

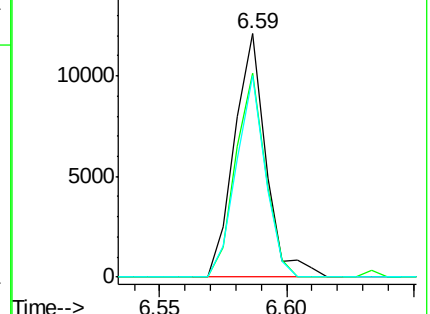
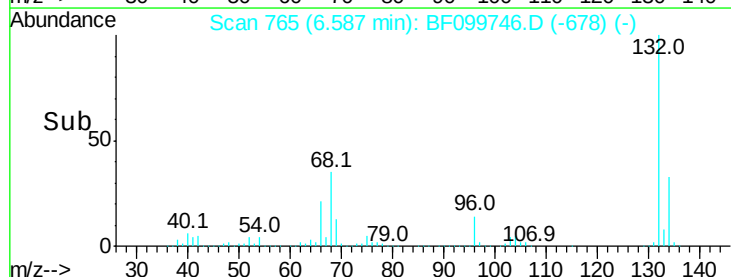
77 100

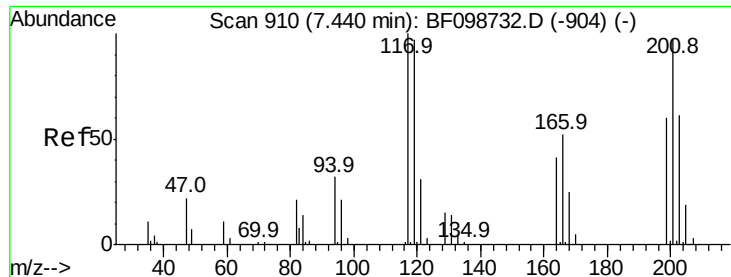
105 84.0 81.1 121.1

106 82.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#18

Hexachloroethane

Concen: 5.988 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF099746.D

Acq: 22 Oct 2017 00:41

Instrument :

BNA_F

ClientSampleId :

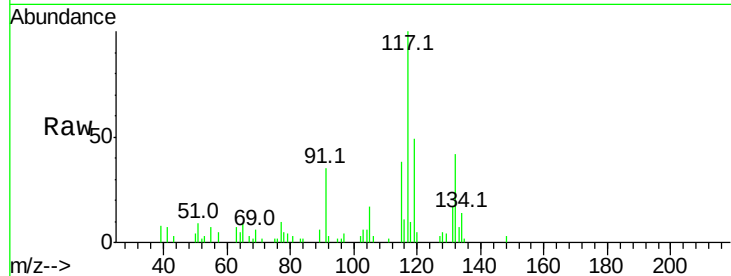
Tot Ion:117 Resp: 14316

Ion Ratio Lower Upper

117 100

119 48.6 75.8 113.8#

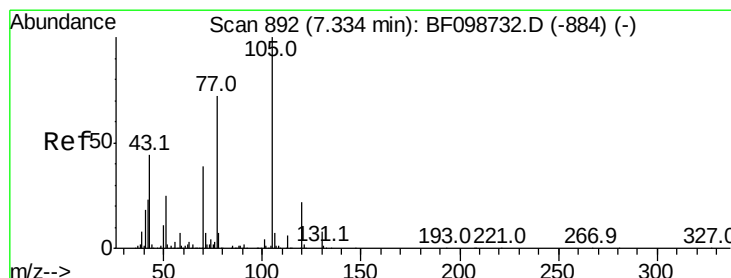
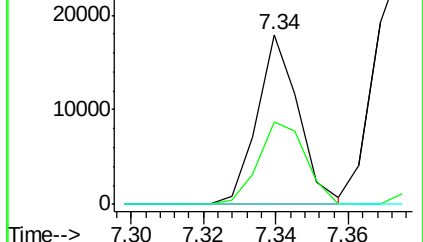
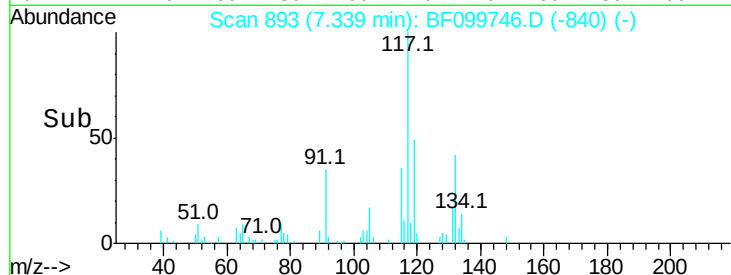
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 12.612 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF099746.D

Acq: 22 Oct 2017 00:41

Tgt Ion: 70 Resp: 54752

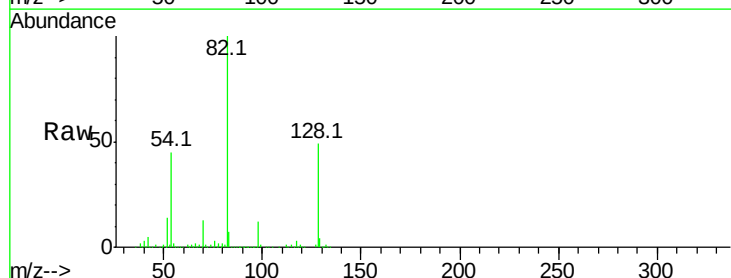
Ion Ratio Lower Upper

70 100

42 40.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

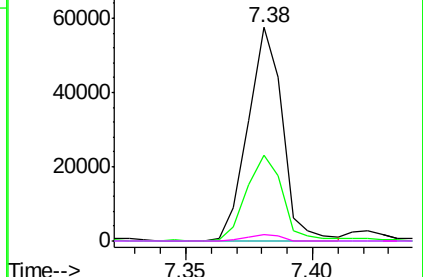
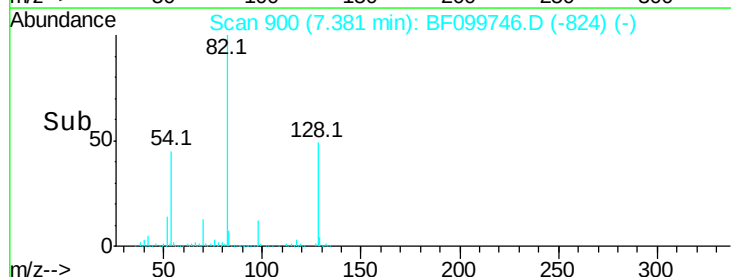


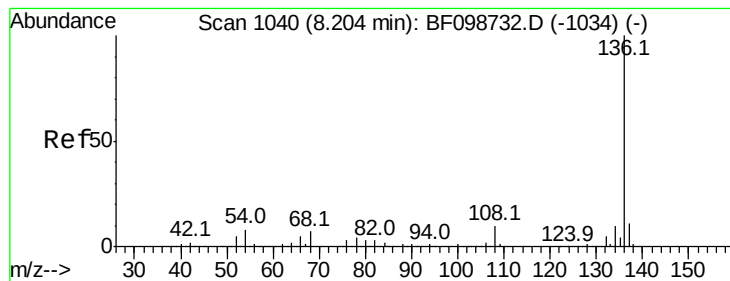
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

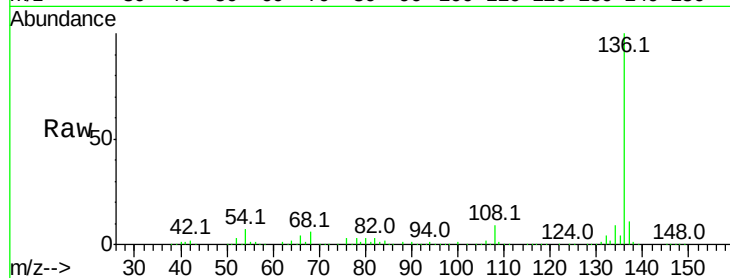




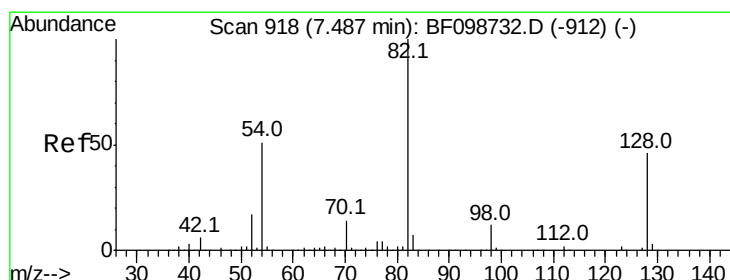
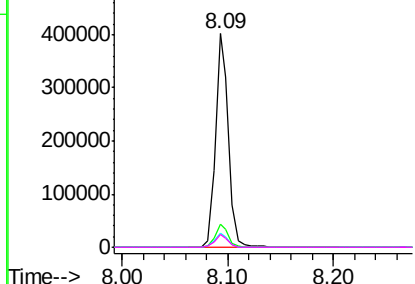
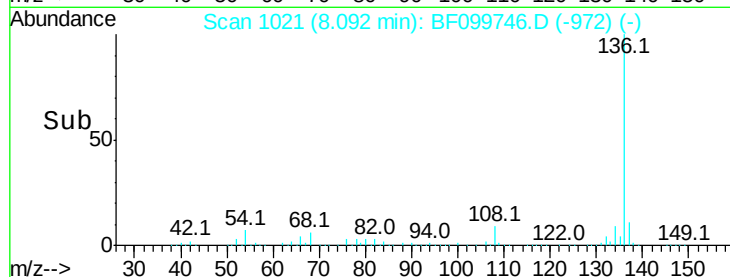
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099746.D
Acq: 22 Oct 2017 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	349186
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.8	5.0	7.4

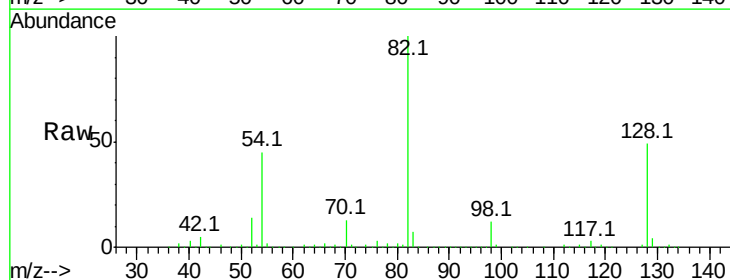


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

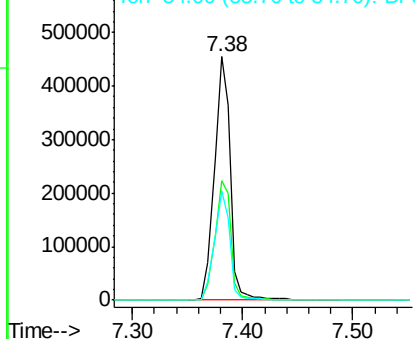
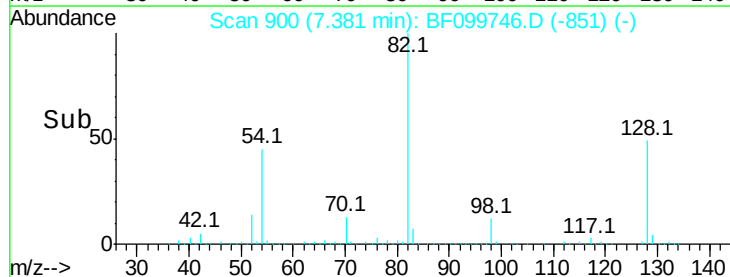


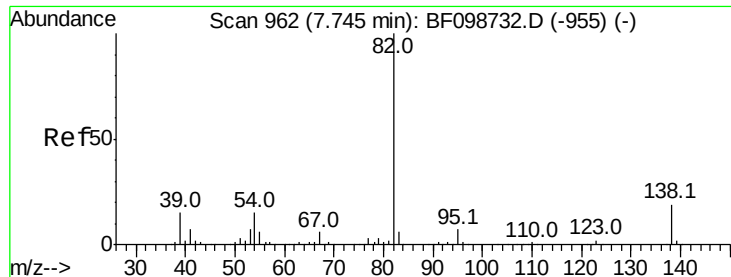
#23
Nitrobenzene-d5
Concen: 81.981 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099746.D
Acq: 22 Oct 2017 00:41

Tgt Ion:	82	Resp:	446383
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	44.7	41.4	62.2



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





#25

Isophorone

Concen: 39.652 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF099746.D

Acq: 22 Oct 2017 00:41

Instrument :

BNA_F

ClientSampleId :

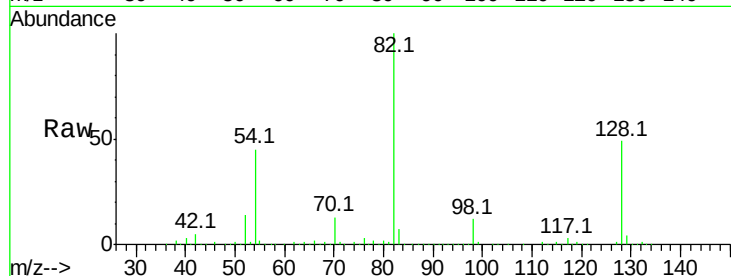
Tot Ion: 82 Resp: 446383

Ion Ratio Lower Upper

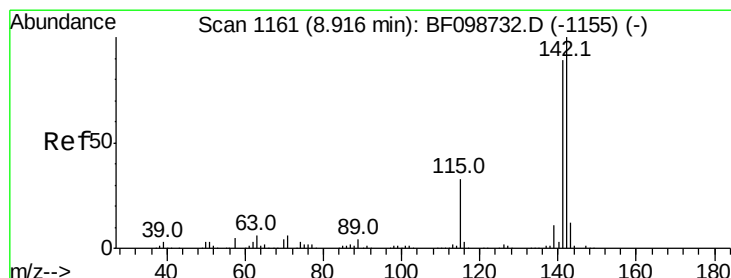
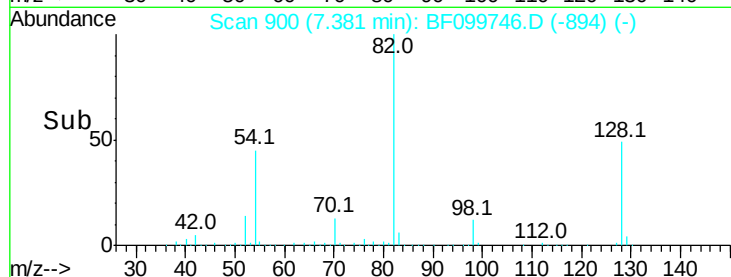
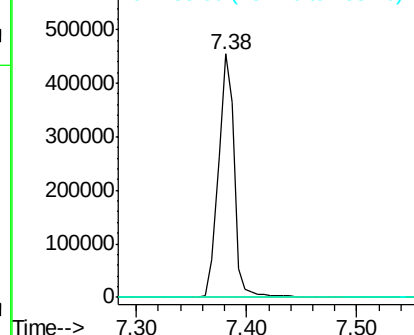
82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



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



#37

2-Methylnaphthalene

Concen: 4.488 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.09 min

Lab File: BF099746.D

Acq: 22 Oct 2017 00:41

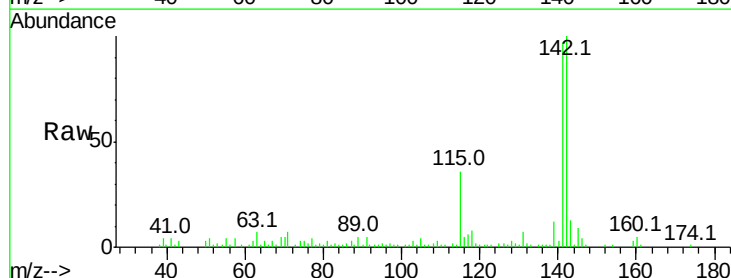
Tgt Ion: 142 Resp: 47852

Ion Ratio Lower Upper

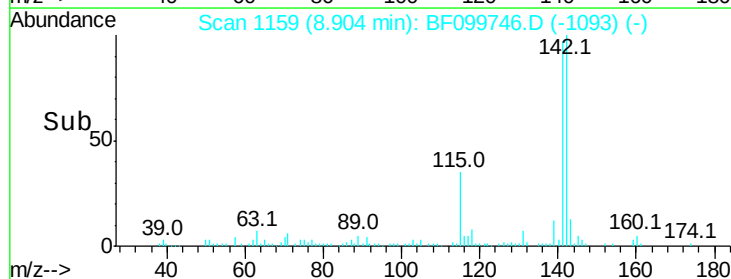
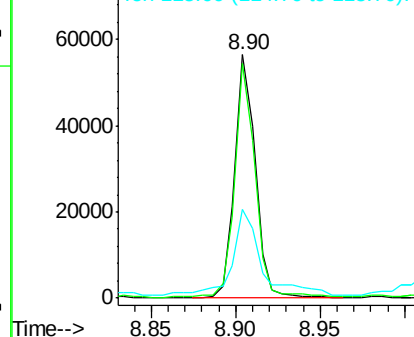
142 100

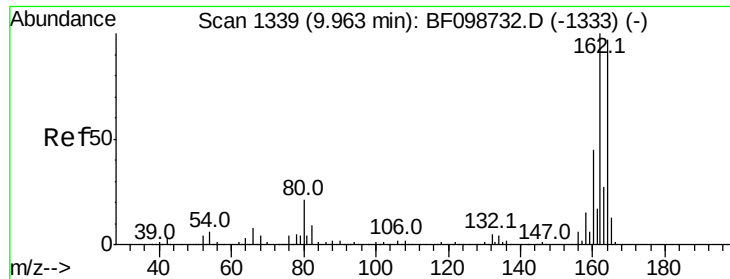
141 96.5 70.8 106.2

115 36.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

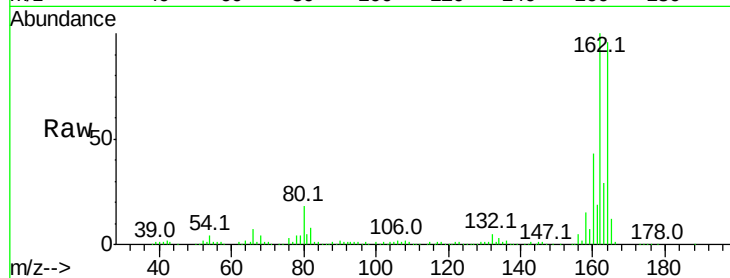




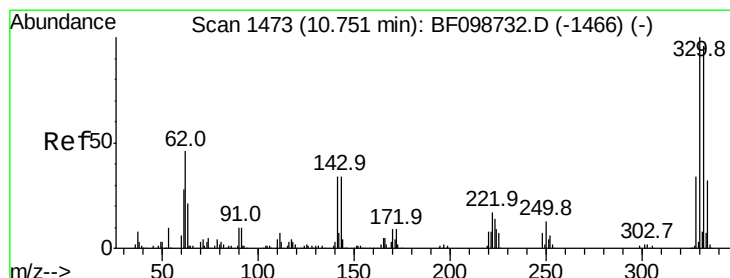
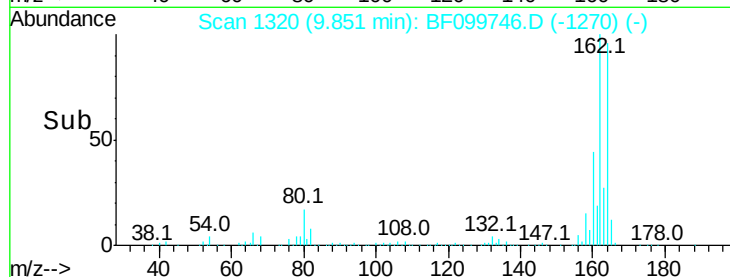
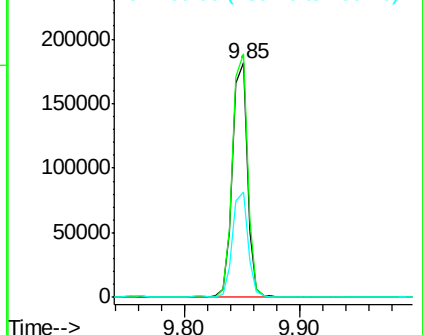
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 165936
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.1 38.3 57.5

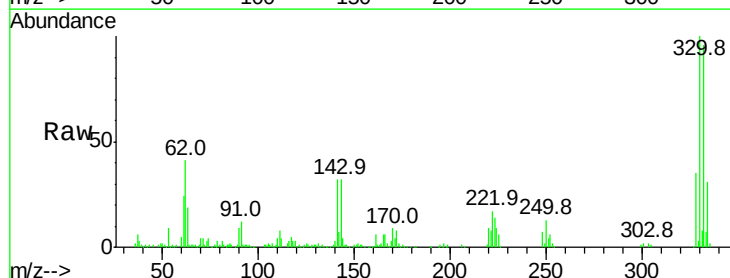


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

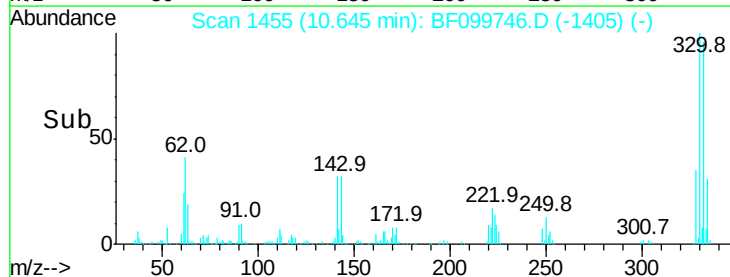
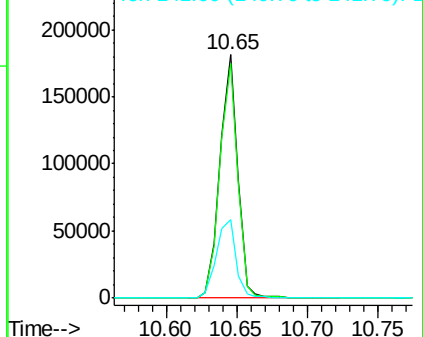


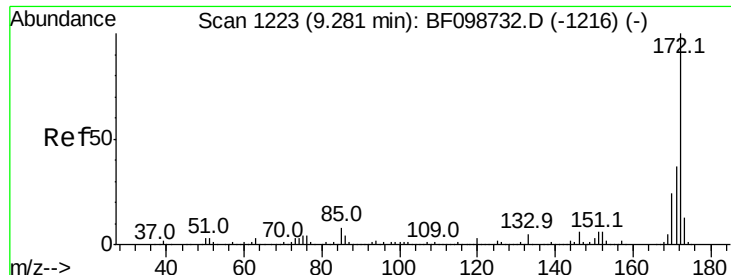
#41
 2,4,6-Tribromophenol
 Concen: 117.958 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Tgt Ion:330 Resp: 160164
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 35.0 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

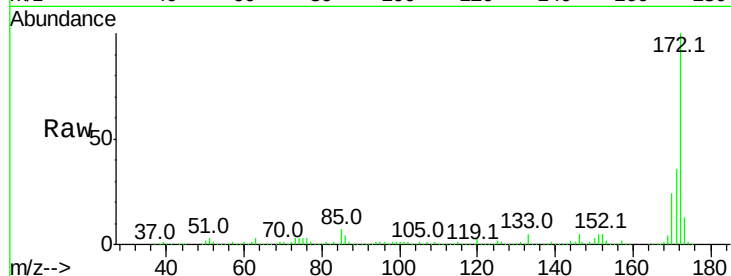




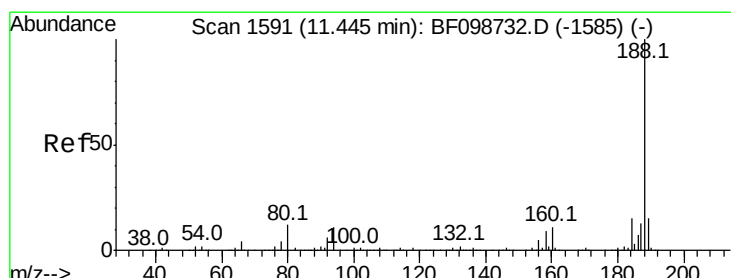
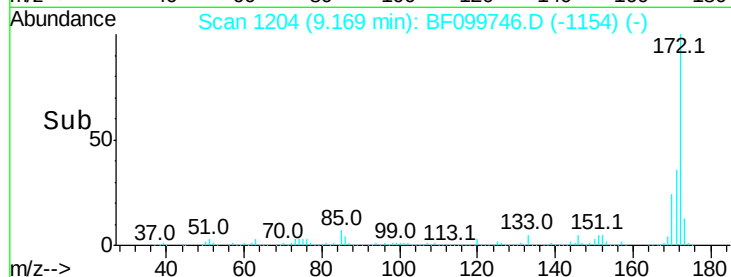
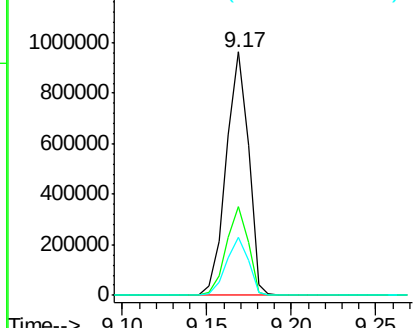
#44
 2-Fluorobiphenyl
 Concen: 89.047 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 885101
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4

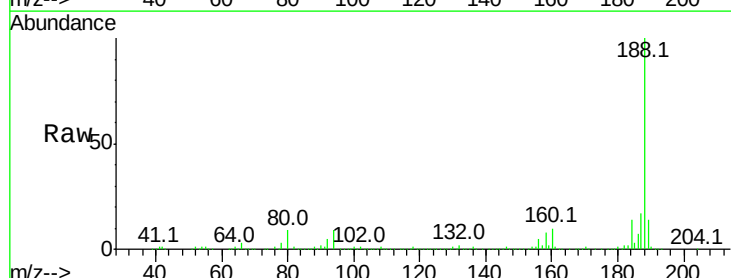


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

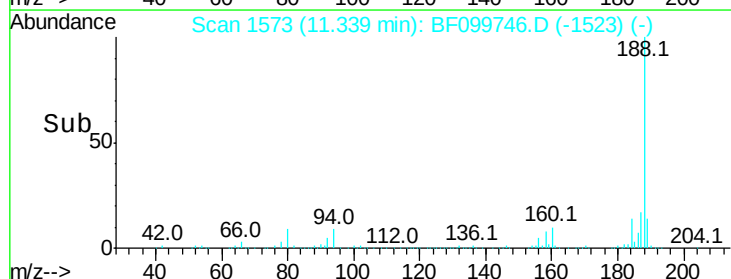
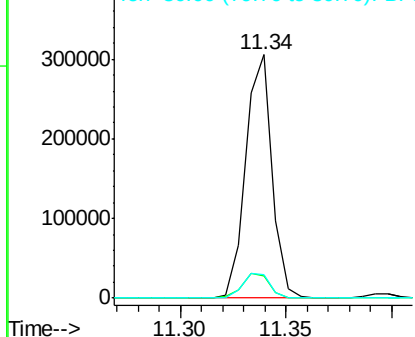


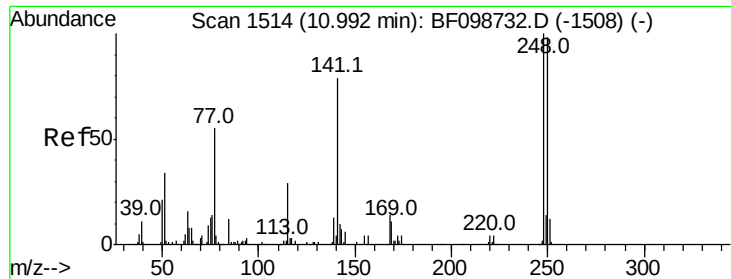
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Tgt Ion:188 Resp: 264018
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 9.5 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

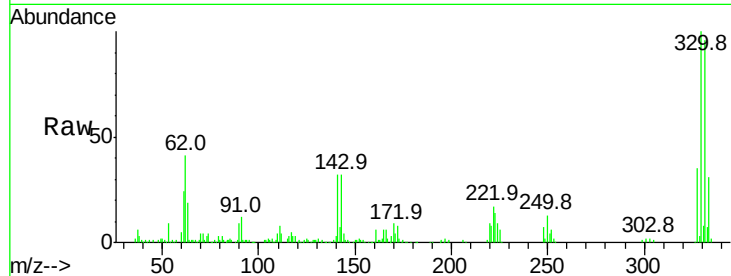




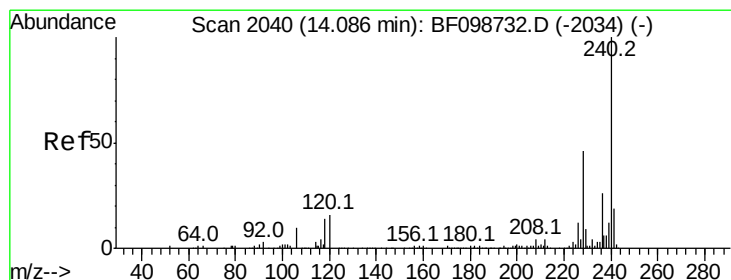
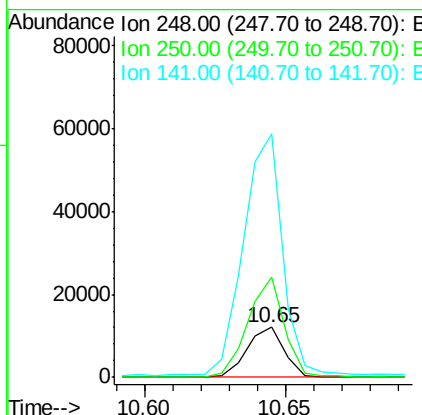
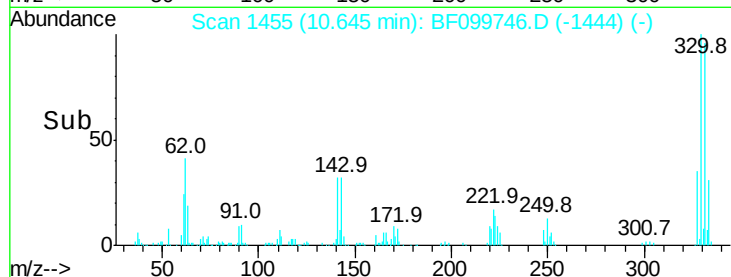
#66
 4-Bromophenyl-phenylether
 Concen: 4.227 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.24 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.3	76.9	115.3#
141	489.3	74.4	111.6#

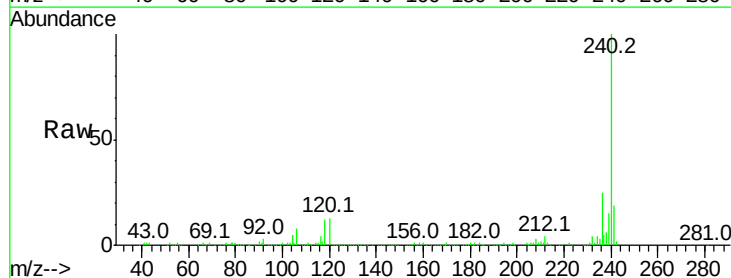


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

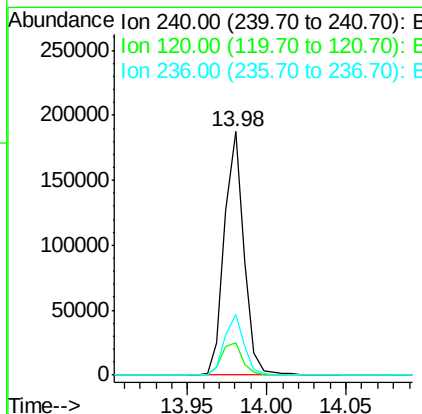
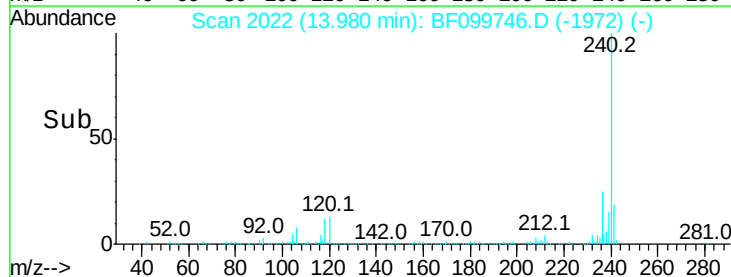


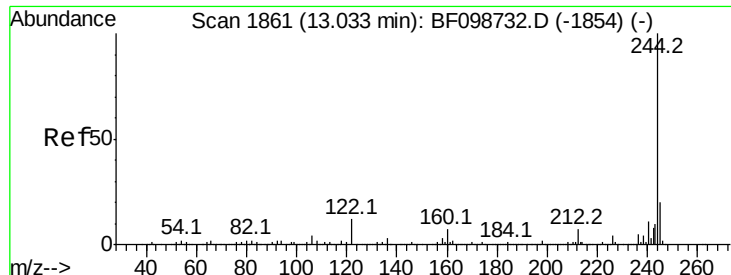
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	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

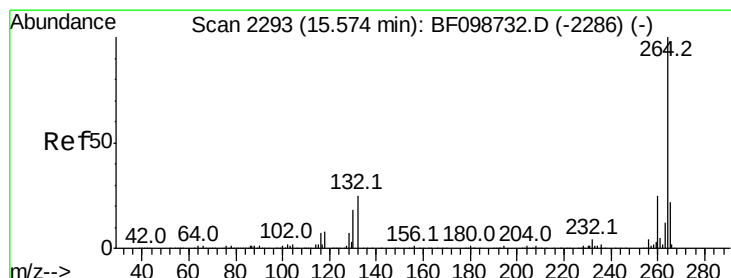
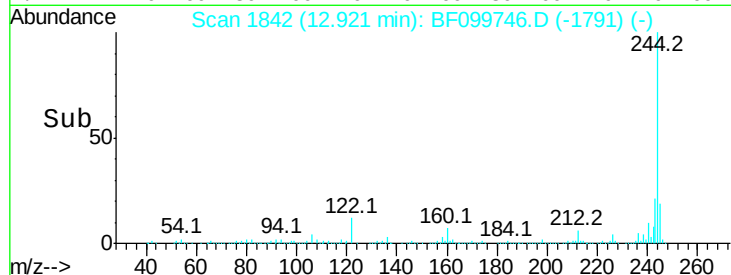
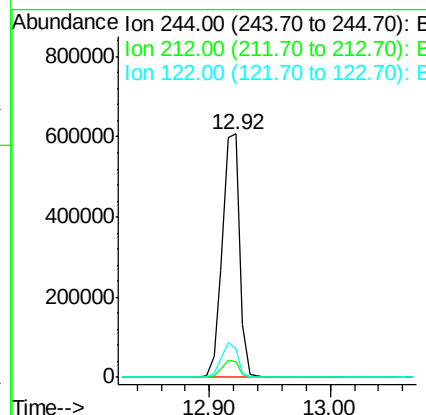
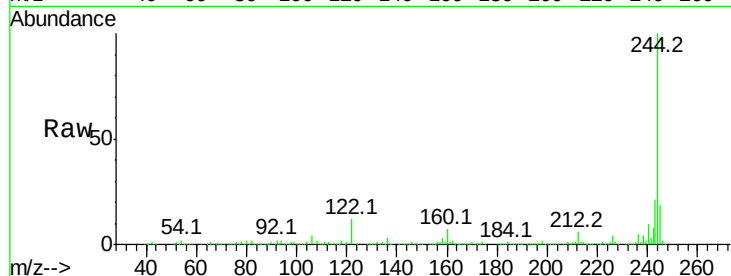




#78
 Terphenyl-d14
 Concen: 84.387 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 592574
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099746.D
 Acq: 22 Oct 2017 00:41

Tgt Ion:264 Resp: 162781
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.8 17.5 26.3

