

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099900.D
 Acq On : 28 Oct 2017 2:54
 Operator : SJ/JU
 Sample : I6029-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 28 03:53:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

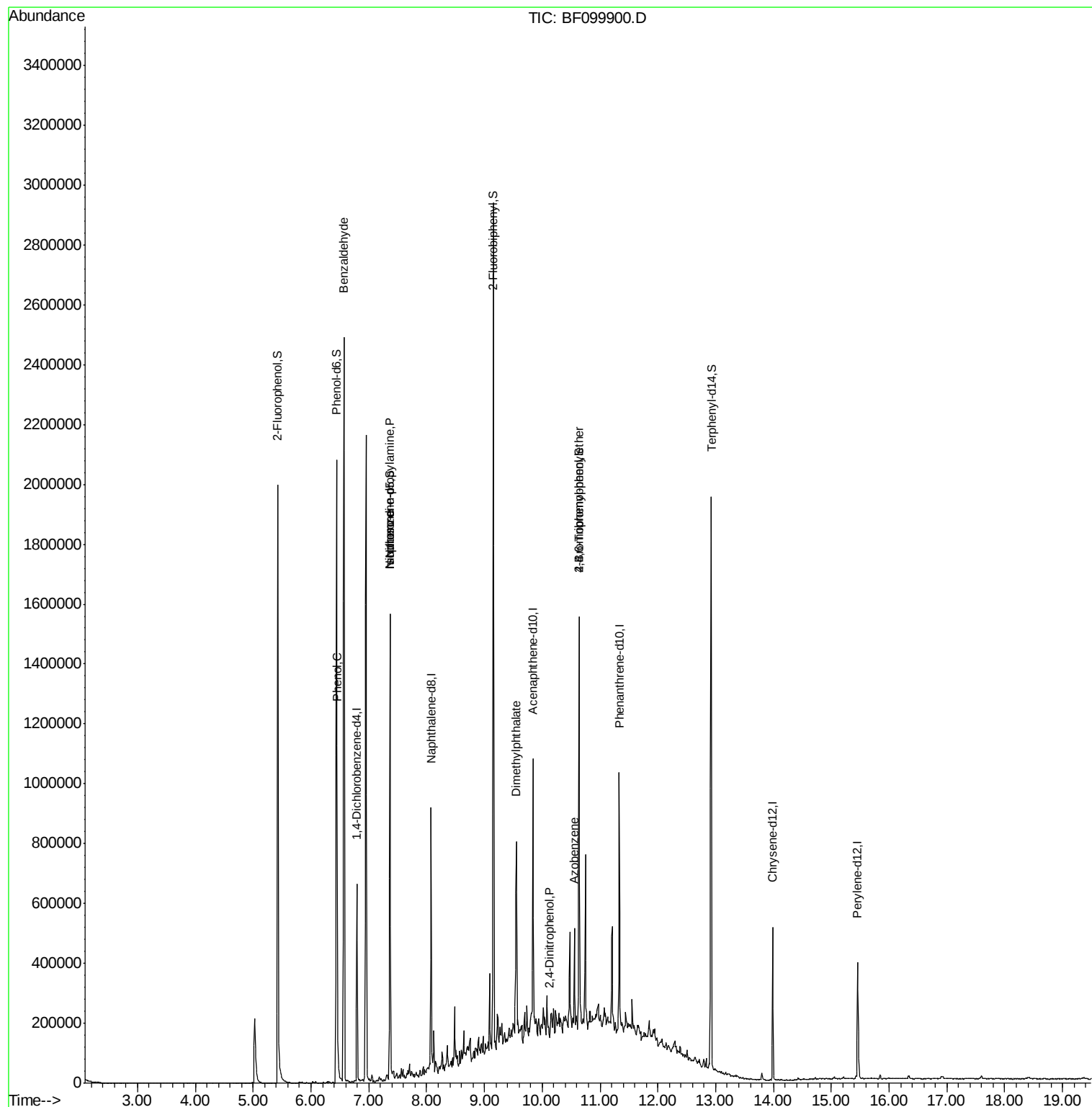
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101332	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	412739	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	185721	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	295380	20.00	ng	0.00
75) Chrysene-d12	13.99	240	175490	20.00	ng	0.00
86) Perylene-d12	15.46	264	184563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	810066	125.51	ng	0.01
7) Phenol-d6	6.45	99	967005	126.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	556215	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	192812	113.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1000095	83.08	ng	0.00
78) Terphenyl-d14	12.92	244	670183	83.46	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	13943	3.05	ng	95
10) Phenol	6.46	94	51824	6.17	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	68607	15.30	ng	# 70
25) Isophorone	7.37	82	556215	47.81	ng	# 64
49) Dimethylphthalate	9.56	163	213273	14.50	ng	98
53) 2,4-Dinitrophenol	10.12	184	117	5.85	ng	# 12
62) Azobenzene	10.56	77	58299	4.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	12134	3.90	ng	# 1

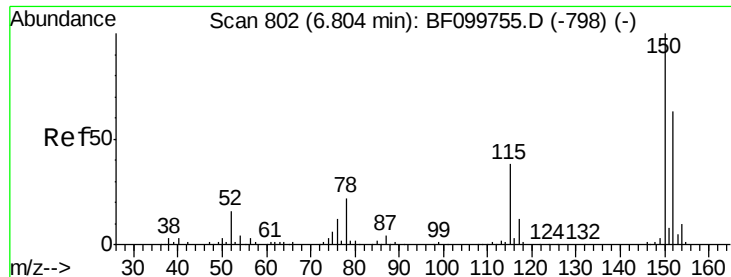
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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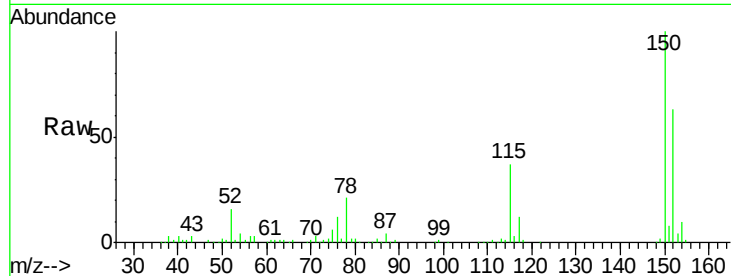


#1

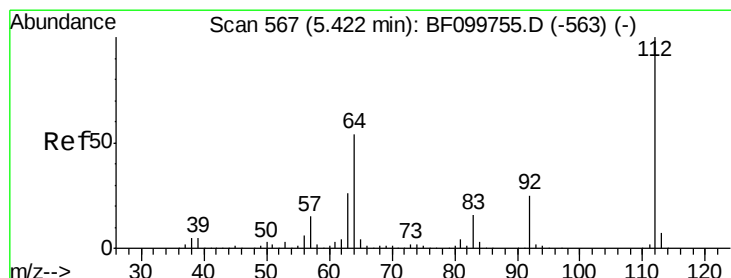
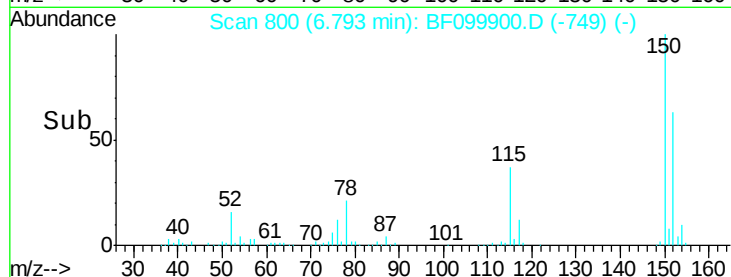
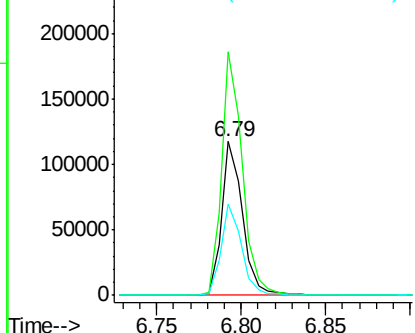
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099900.D
 Acq: 28 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 101332
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 59.2 50.1 75.1



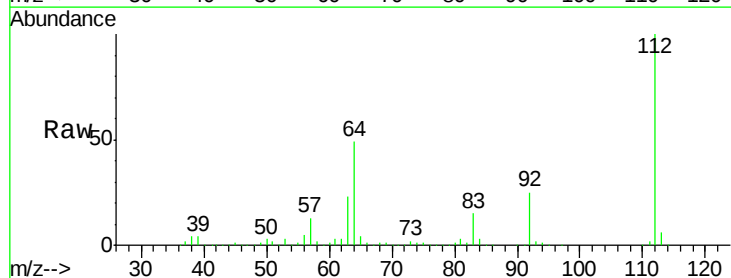
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



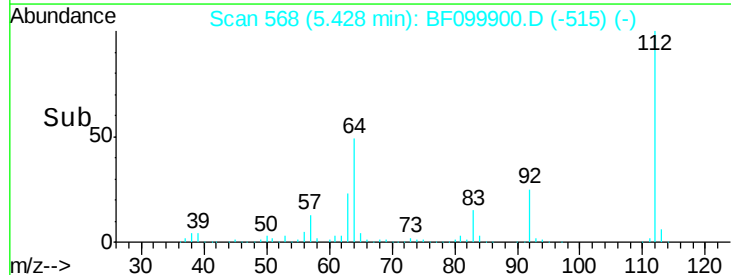
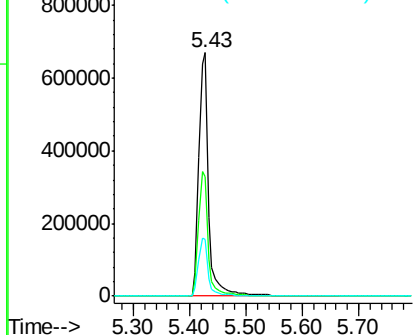
#5

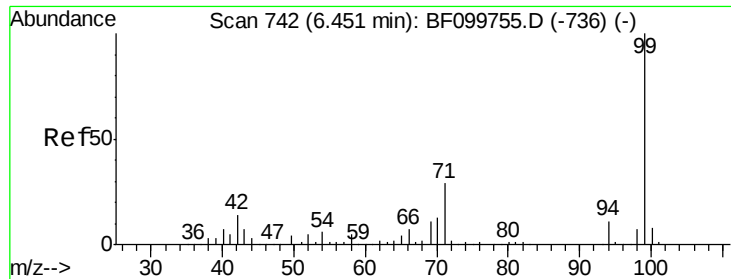
2-Fluorophenol
 Concen: 125.51 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099900.D
 Acq: 28 Oct 2017 2:54

Tgt Ion:112 Resp: 810066
 Ion Ratio Lower Upper
 112 100
 64 48.9 47.9 71.9
 63 23.3 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: 126.35 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

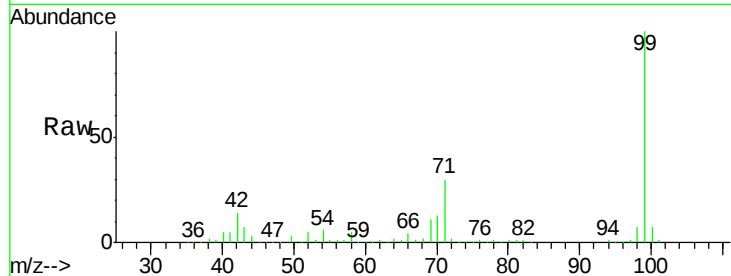
Tot Ion: 99 Resp: 967005

Ion Ratio Lower Upper

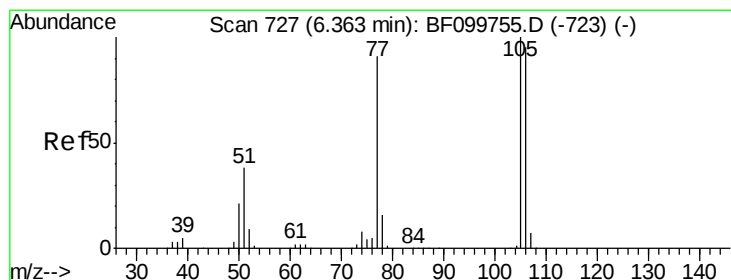
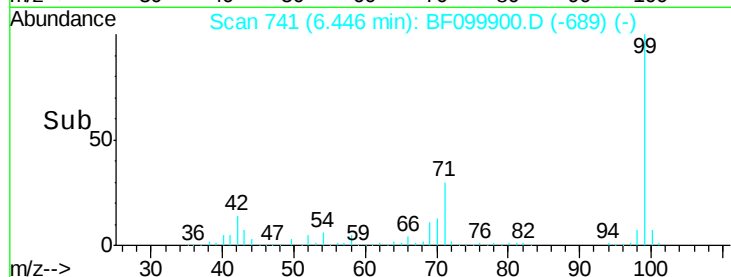
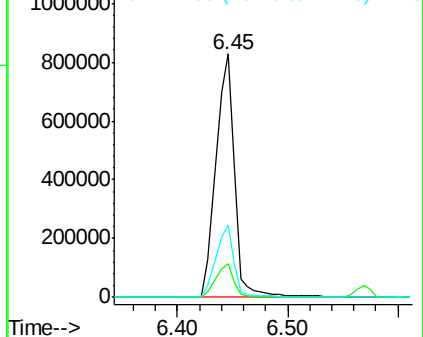
99 100

42 14.0 14.5 21.7#

71 29.8 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: 3.05 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

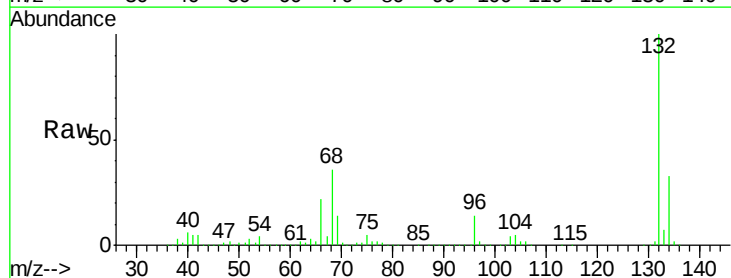
Tgt Ion: 77 Resp: 13943

Ion Ratio Lower Upper

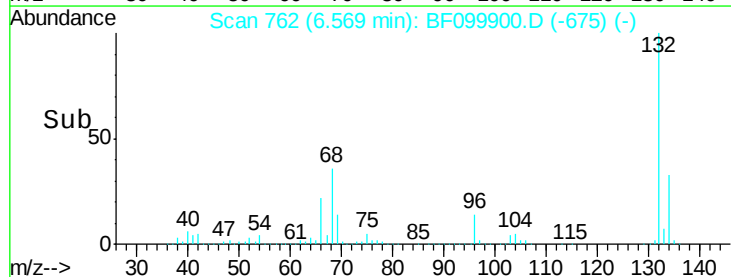
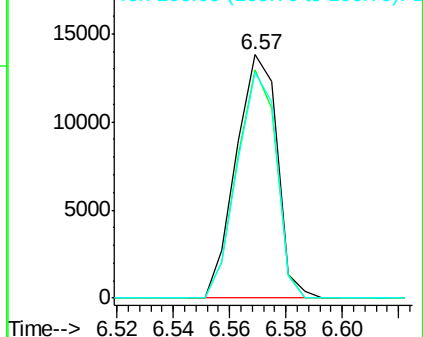
77 100

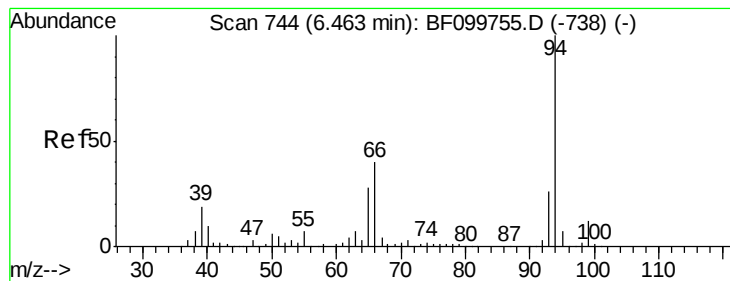
105 93.8 81.1 121.1

106 92.9 74.5 114.5



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





#10

Phenol

Concen: 6.17 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

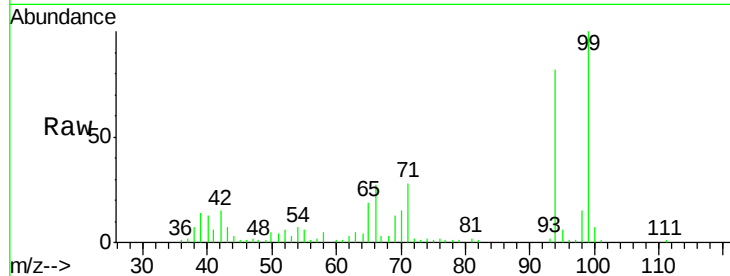
Tot Ion: 94 Resp: 51824

Ion Ratio Lower Upper

94 100

65 23.6 7.9 47.9

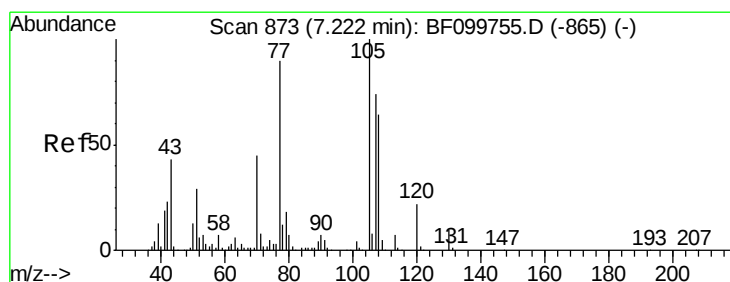
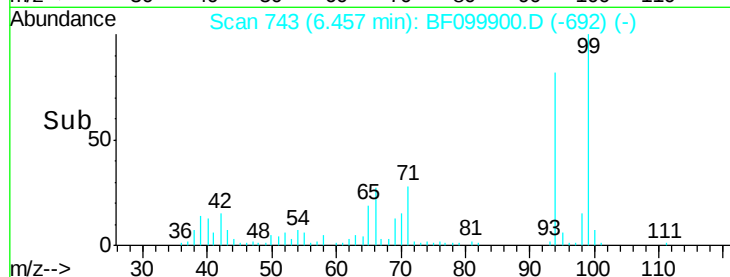
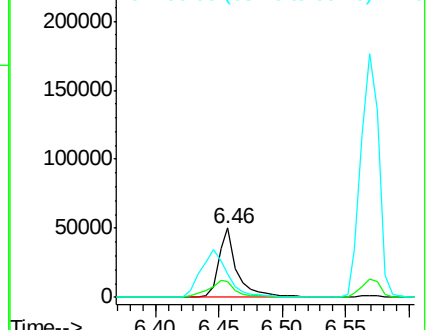
66 33.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.30 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Tgt Ion: 70 Resp: 68607

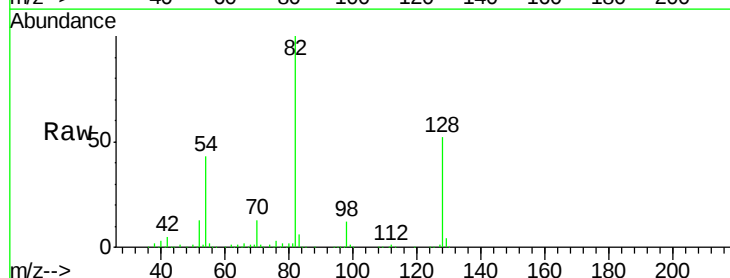
Ion Ratio Lower Upper

70 100

42 38.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

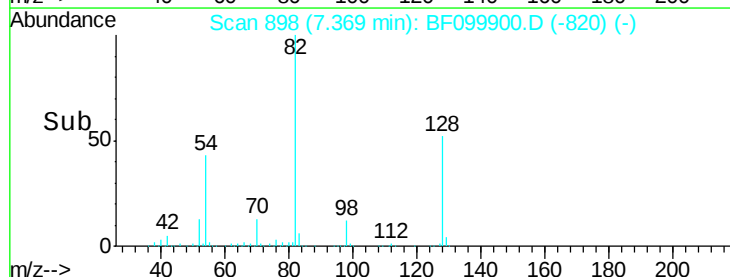
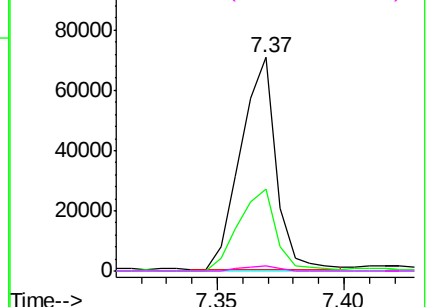


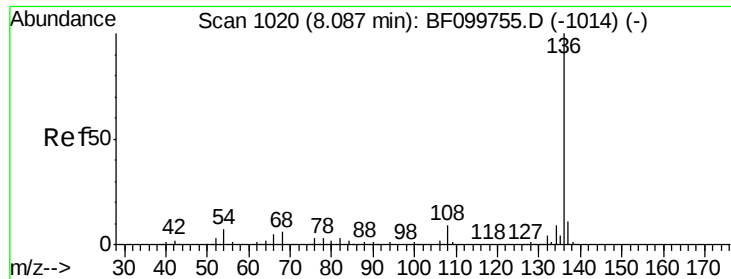
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

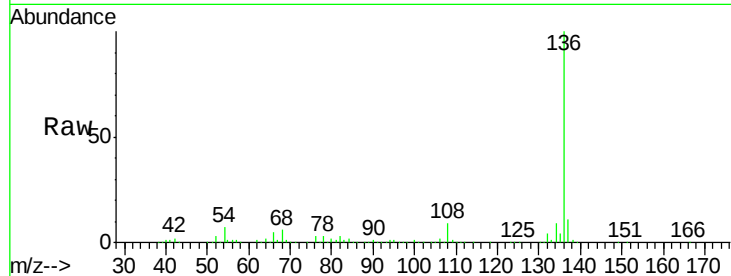




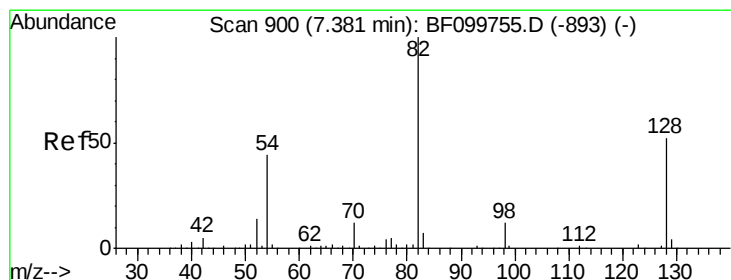
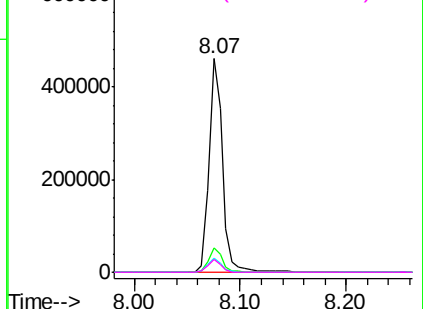
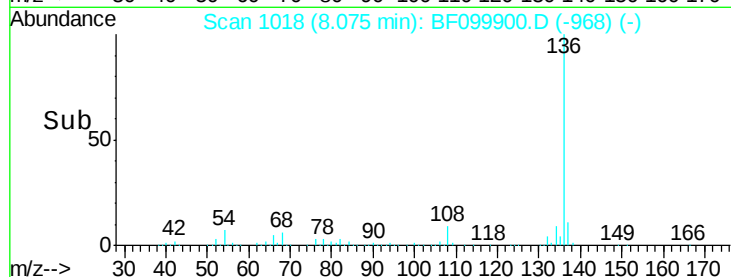
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	412739
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.8	6.6 9.8
68	6.1	5.0 7.4

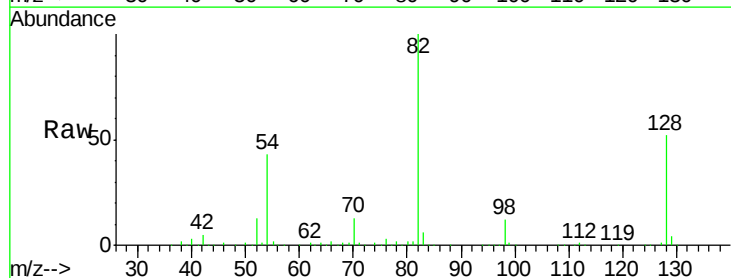


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

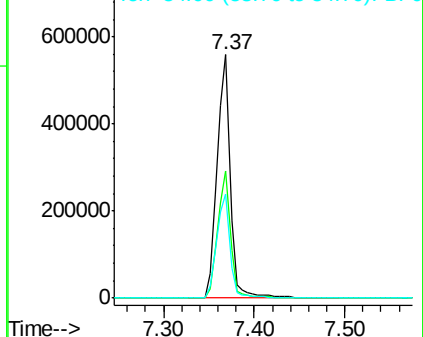
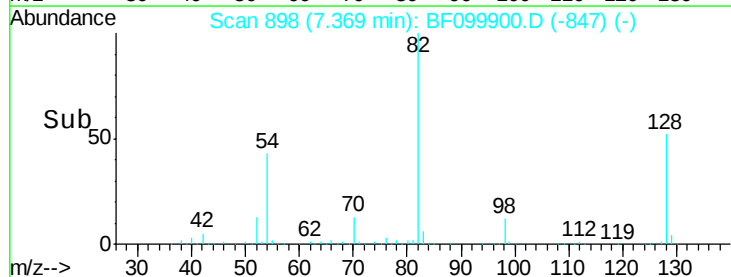


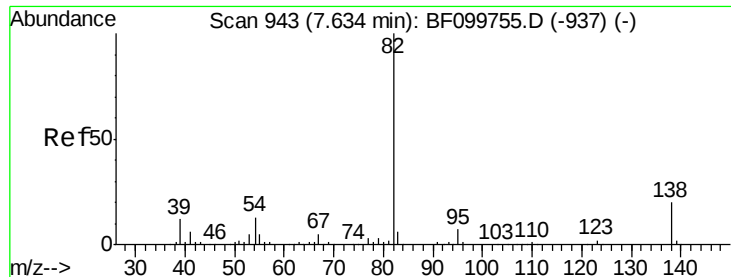
#23
Nitrobenzene-d5
Concen: 86.76 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Tgt Ion: 82	Resp:	556215
Ion Ratio	Lower	Upper
82	100	
128	52.2	36.1 54.1
54	42.9	41.4 62.2



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





#25

Isophorone

Concen: 47.81 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Instrument :

BNA_F

ClientSampleId :

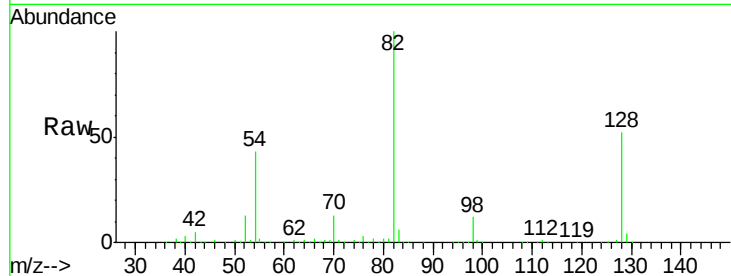
Tot Ion: 82 Resp: 556215

Ion Ratio Lower Upper

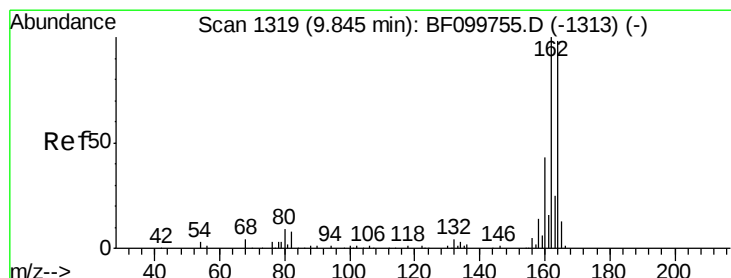
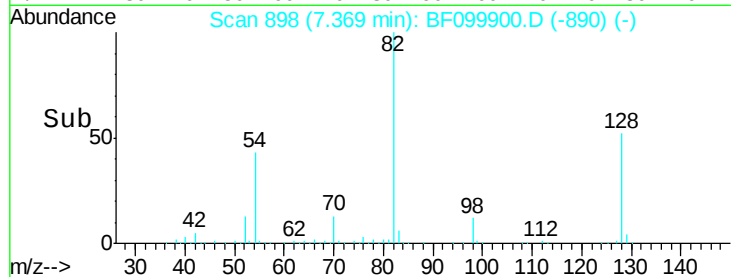
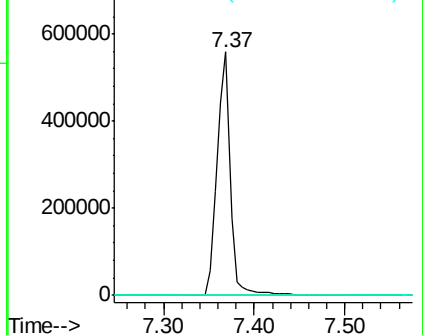
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

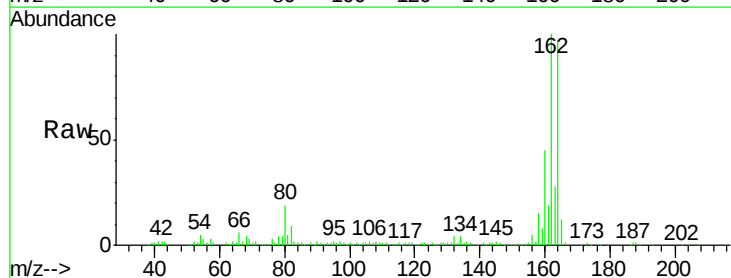
Tgt Ion: 164 Resp: 185721

Ion Ratio Lower Upper

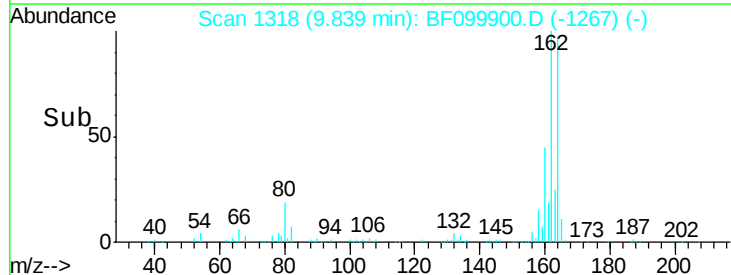
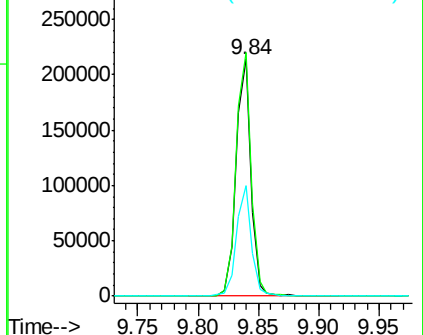
164 100

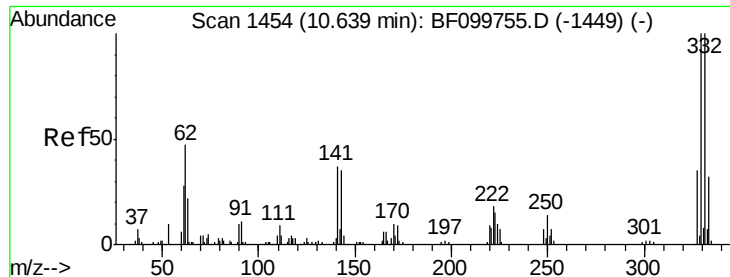
162 102.7 86.1 129.1

160 46.4 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

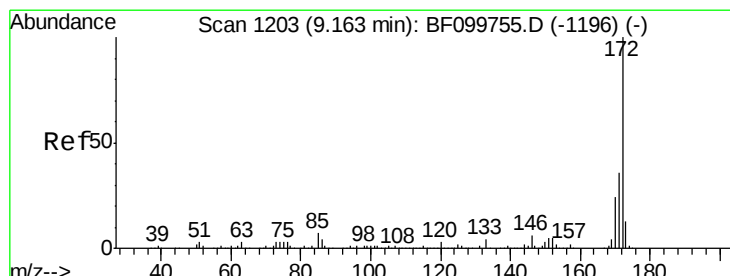
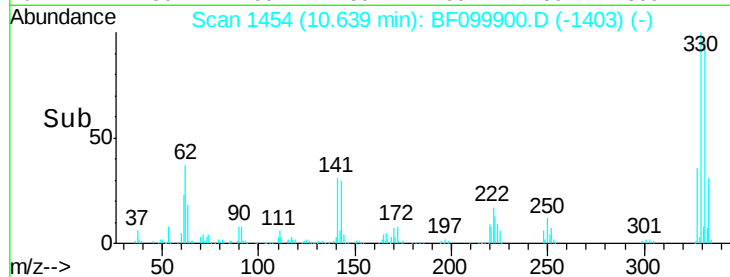
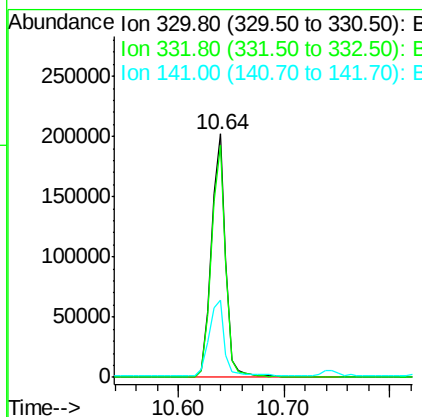
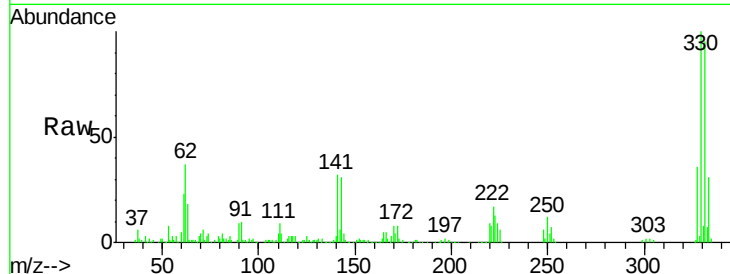




#41
 2,4,6-Tribromophenol
 Concen: 113.92 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF099900.D
 Acq: 28 Oct 2017 2:54

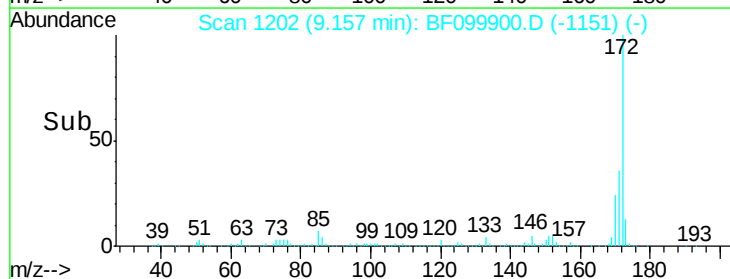
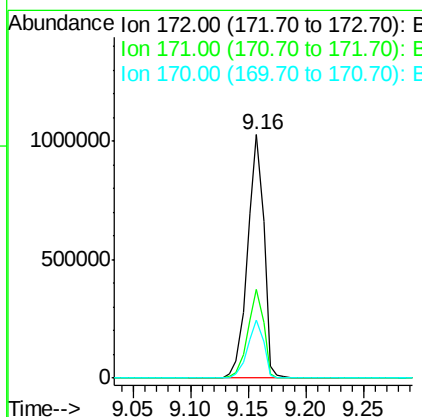
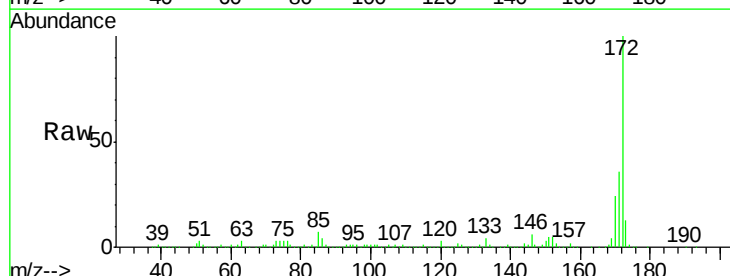
Instrument :
 BNA_F
 ClientSampled :

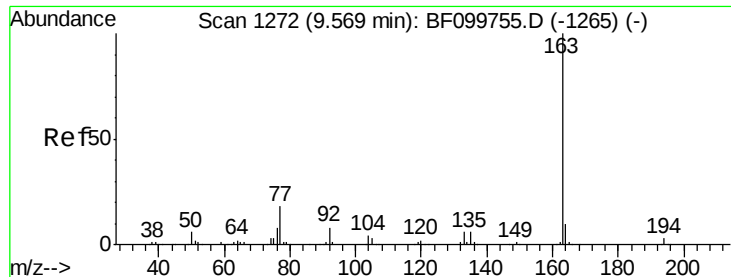
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 83.08 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099900.D
 Acq: 28 Oct 2017 2:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	19.6	29.4

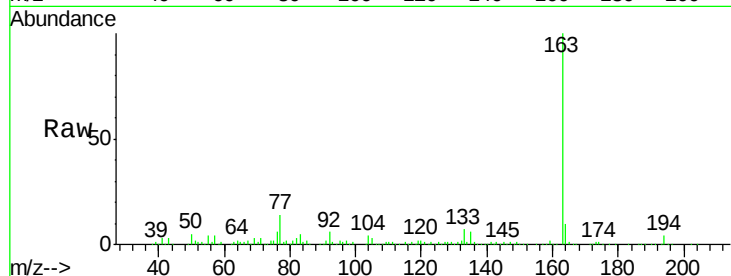




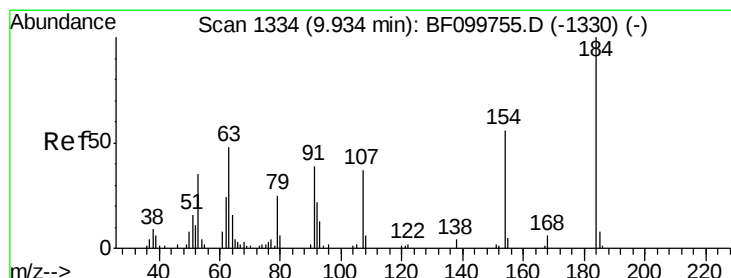
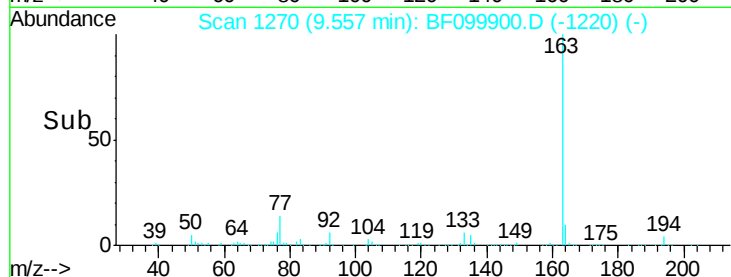
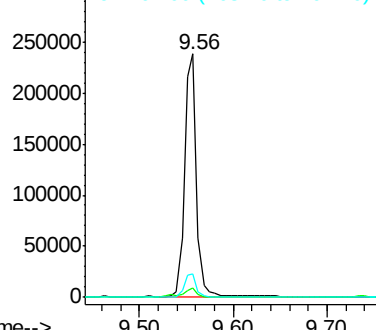
#49
Dimethylphthalate
Concen: 14.50 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 213273
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.6 8.2 12.2

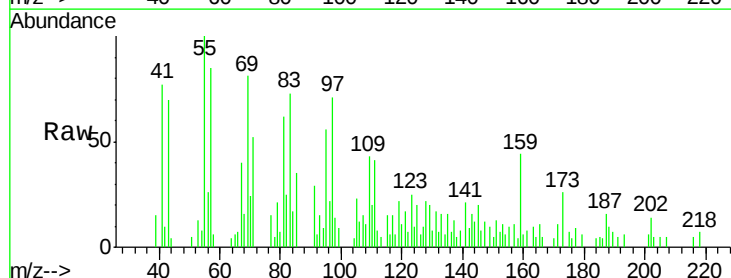


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

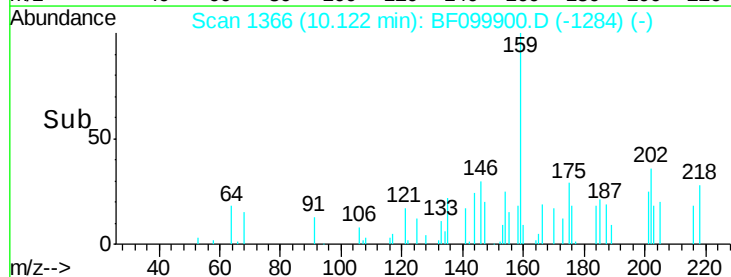
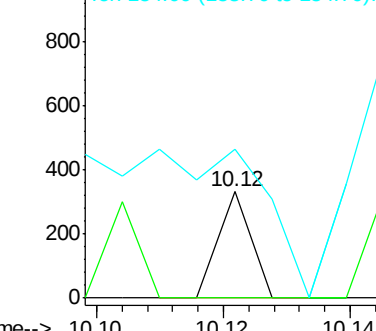


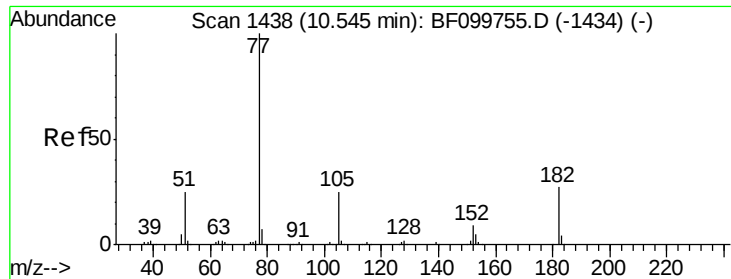
#53
2,4-Dinitrophenol
Concen: 5.85 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.18 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Tgt Ion:184 Resp: 117
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 140.7 53.5 80.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#62

Azobenzene

Concen: 4.84 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 58299

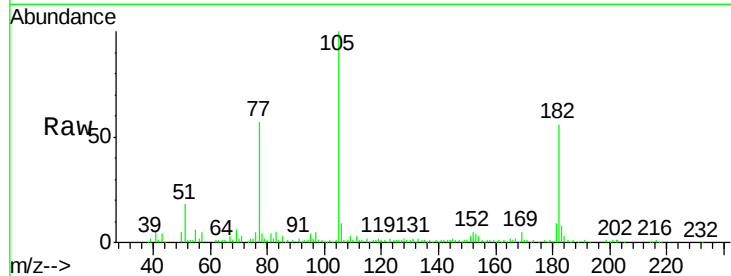
Ion Ratio Lower Upper

77 100

182 98.6 1.7 41.7#

105 176.9 3.0 43.0#

51 32.1 9.9 49.9

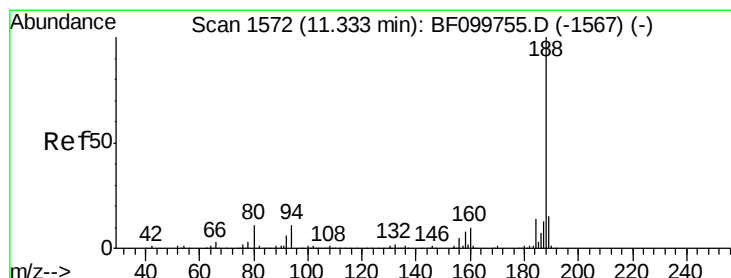
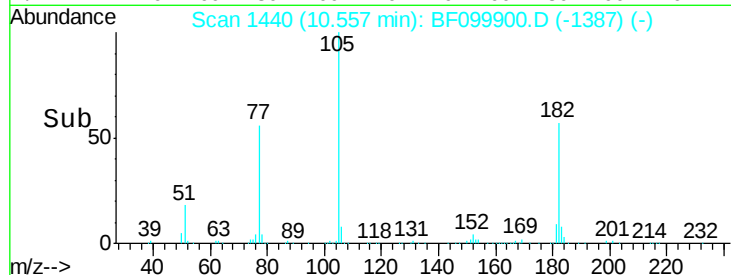
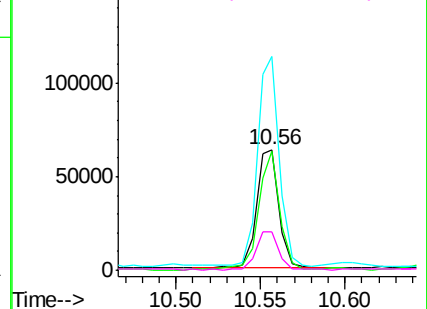


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF099900.D

Acq: 28 Oct 2017 2:54

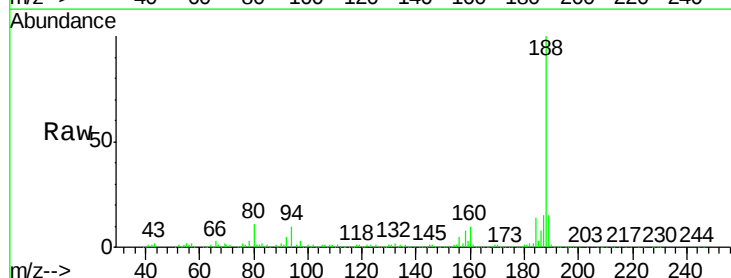
Tgt Ion: 188 Resp: 295380

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

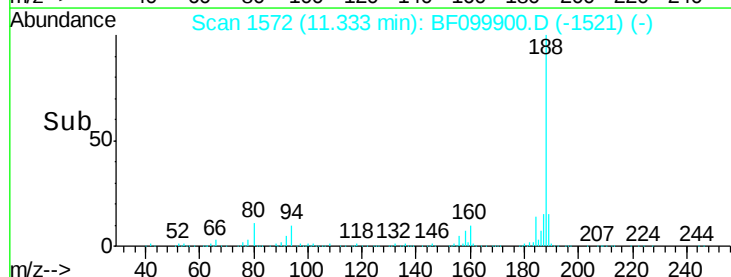
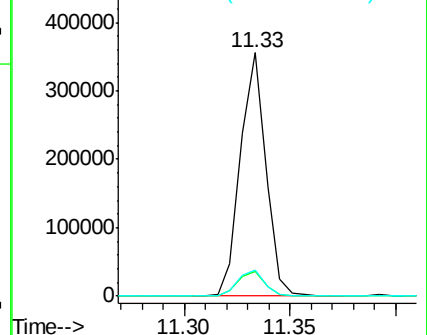
80 10.8 9.2 13.8

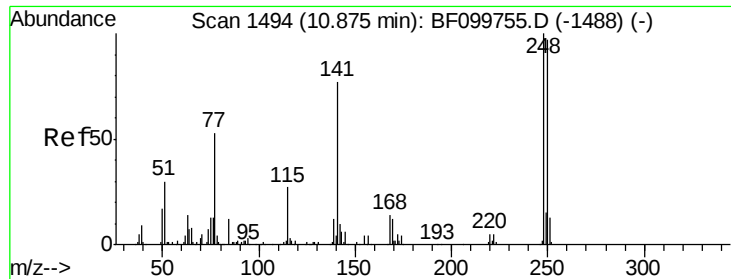


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

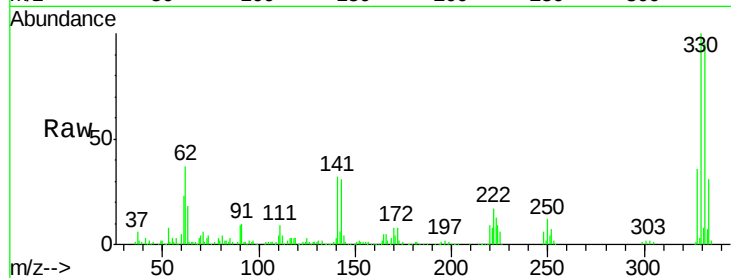




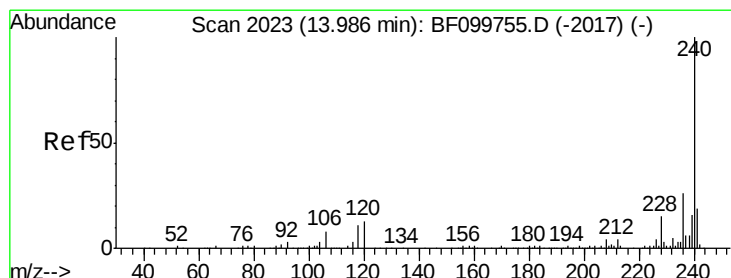
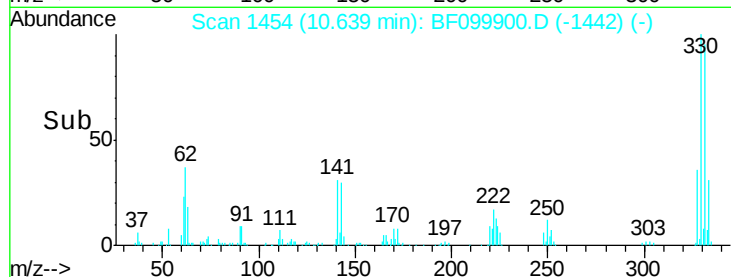
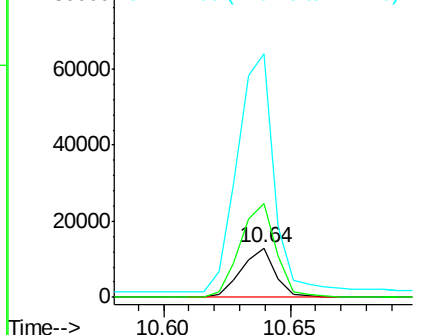
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.23 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12134
Ion Ratio Lower Upper
248 100
250 190.3 76.9 115.3#
141 492.4 74.4 111.6#

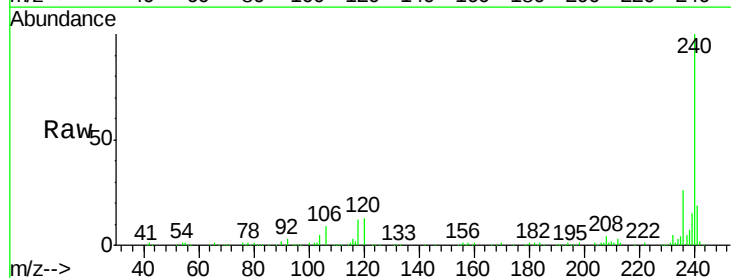


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

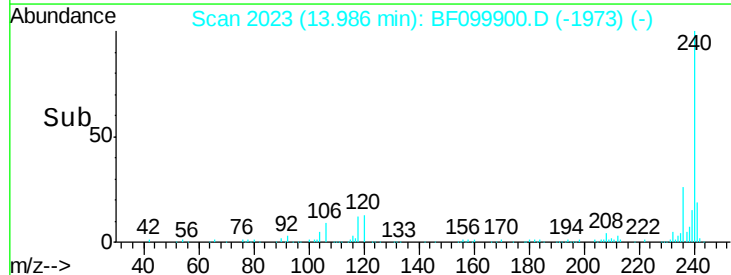
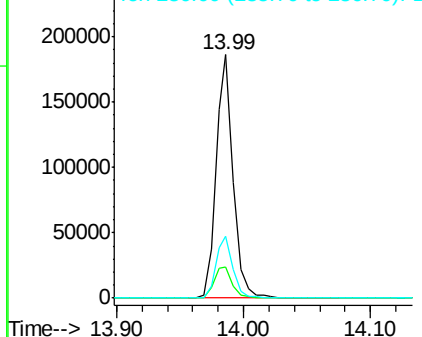


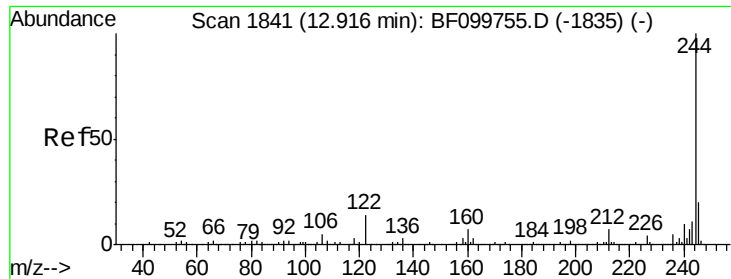
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099900.D
Acq: 28 Oct 2017 2:54

Tgt Ion:240 Resp: 175490
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.6 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

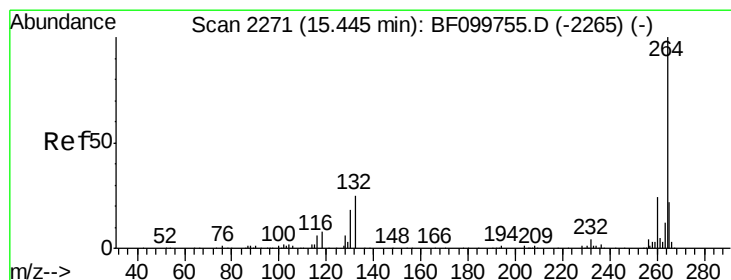
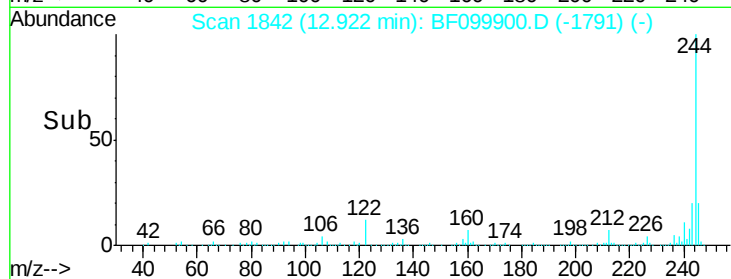
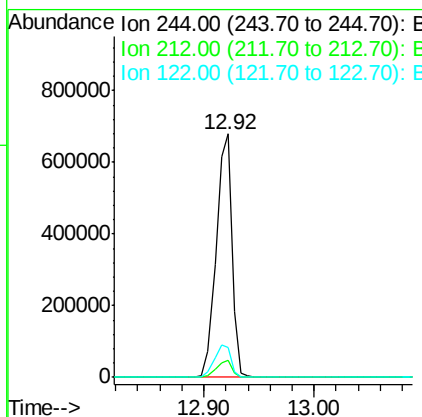
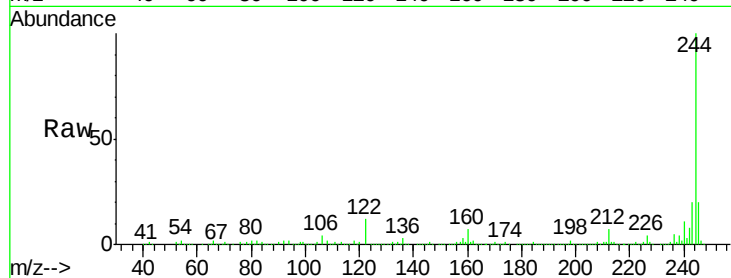




#78
 Terphenyl-d14
 Concen: 83.46 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF099900.D
 Acq: 28 Oct 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 670183
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099900.D
 Acq: 28 Oct 2017 2:54

Tgt Ion:264 Resp: 184563
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.8 17.5 26.3

