

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099917.D
 Acq On : 28 Oct 2017 15:12
 Operator : SJ/JU
 Sample : I6071-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:57:02 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

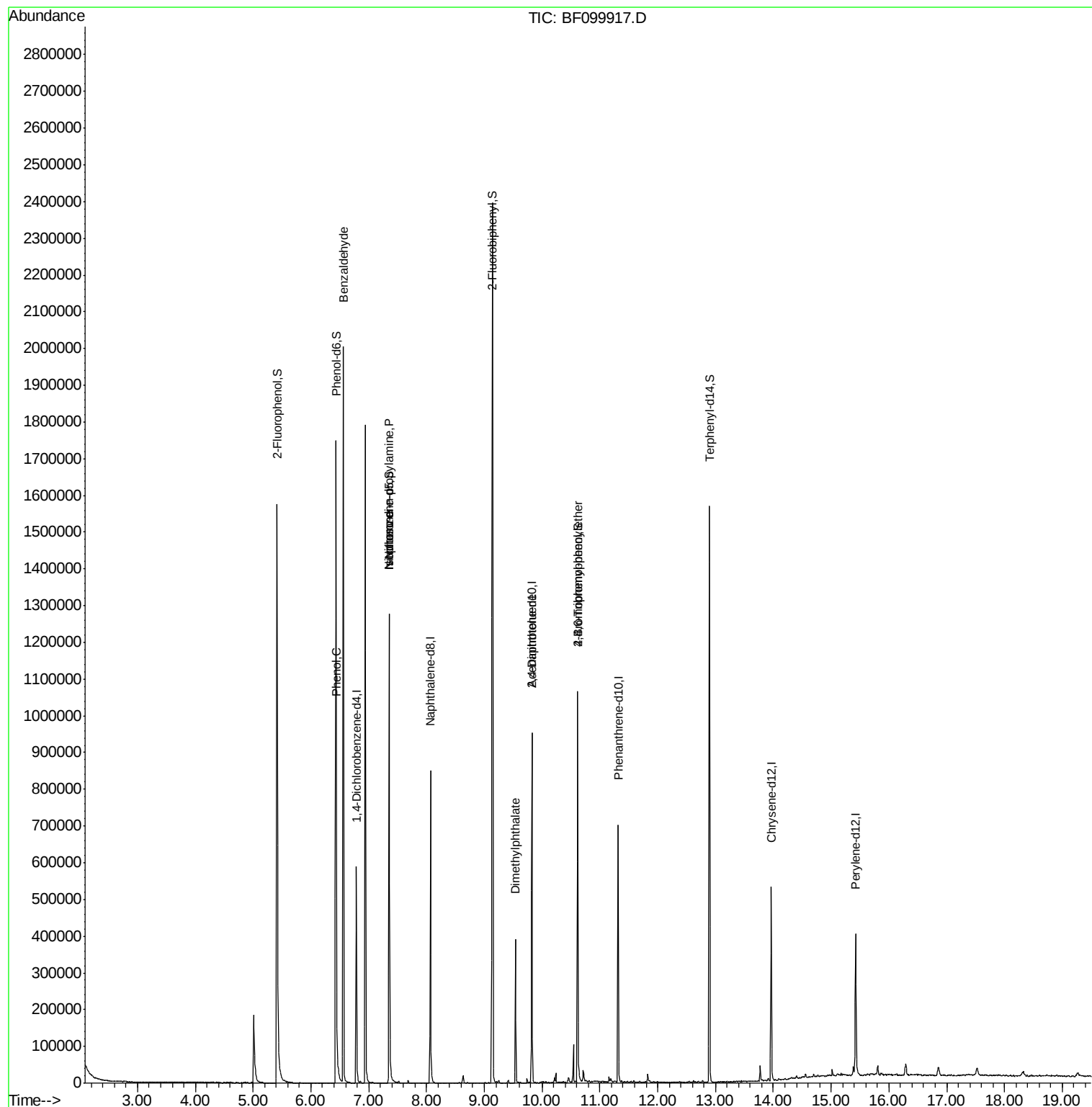
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	99276	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	412530	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	180712	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	272399	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	176283	20.00	ng	-0.03
86) Perylene-d12	15.43	264	184361	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	621264	98.25	ng	0.00
7) Phenol-d6	6.43	99	737504	98.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	433701	67.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	132240	80.30	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	863726	73.74	ng	-0.02
78) Terphenyl-d14	12.90	244	519765	64.44	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	11411	2.547	ng	Qvalue 85
10) Phenol	6.45	94	19189	2.331	ng	87
19) n-Nitroso-di-n-propylamine	7.36	70	54227	12.341	ng	# 70
25) Isophorone	7.36	82	433701	37.300	ng	# 64
49) Dimethylphthalate	9.54	163	158508	11.076	ng	99
56) 2,4-Dinitrotoluene	9.82	165	22143	6.112	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8862	3.090	ng	# 1

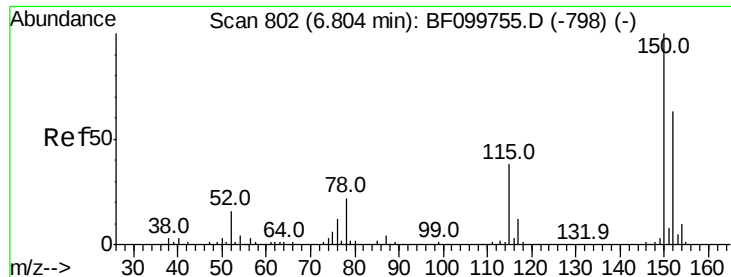
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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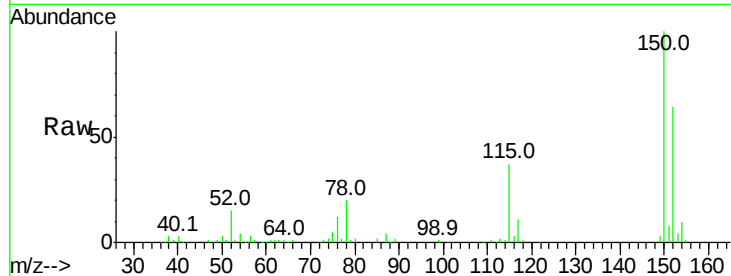


#1

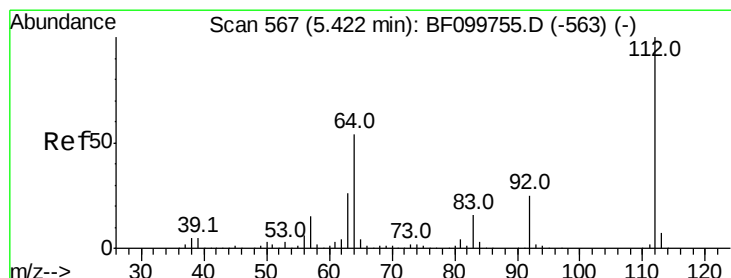
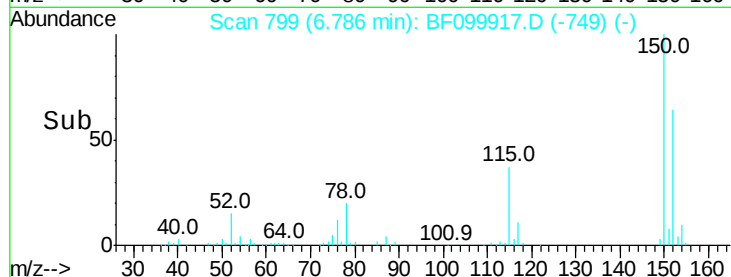
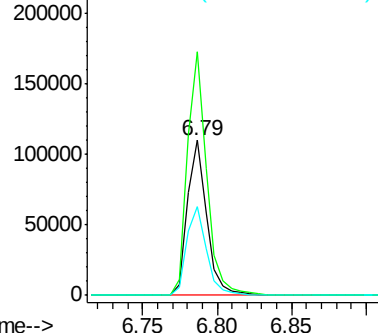
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99276
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.5 50.1 75.1



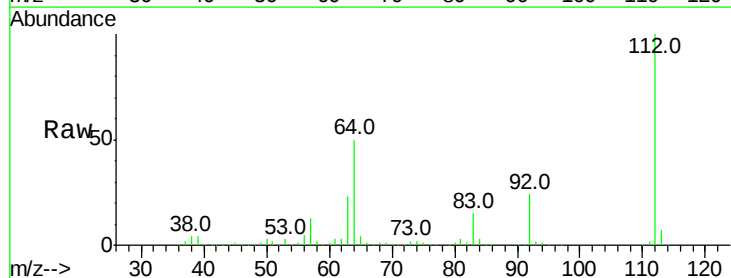
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



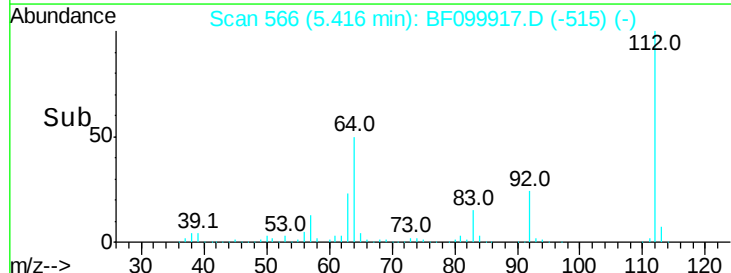
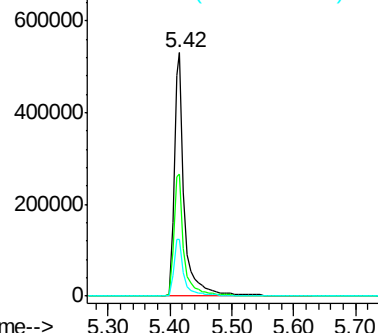
#5

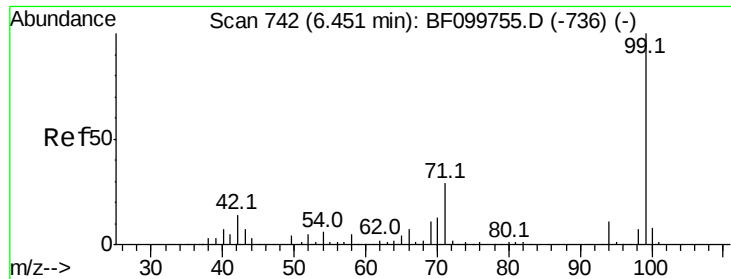
2-Fluorophenol
Concen: 98.248 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion:112 Resp: 621264
Ion Ratio Lower Upper
112 100
64 50.2 47.9 71.9
63 23.5 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: 98.362 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

Instrument :

BNA_F

ClientSampleId :

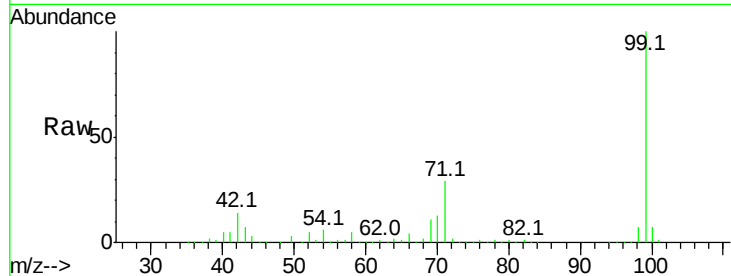
Tot Ion: 99 Resp: 737504

Ion Ratio Lower Upper

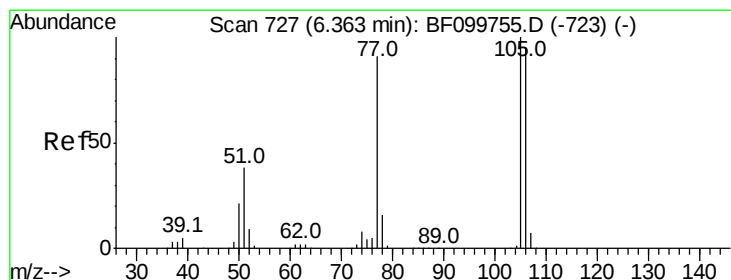
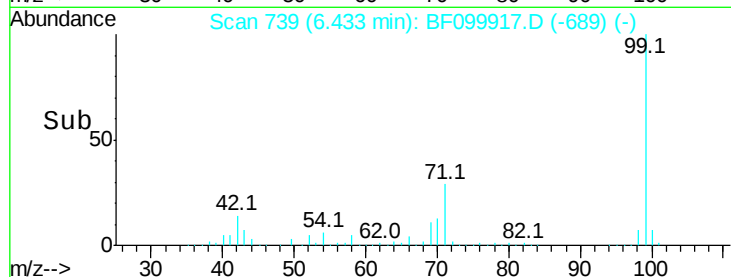
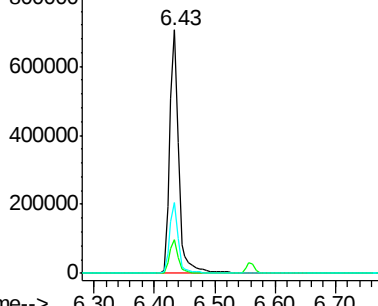
99 100

42 14.1 14.5 21.7#

71 28.8 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: 2.547 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

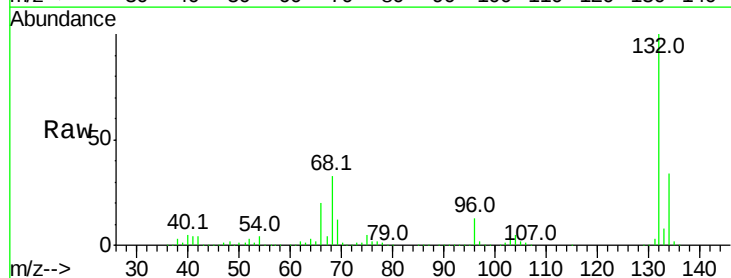
Tgt Ion: 77 Resp: 11411

Ion Ratio Lower Upper

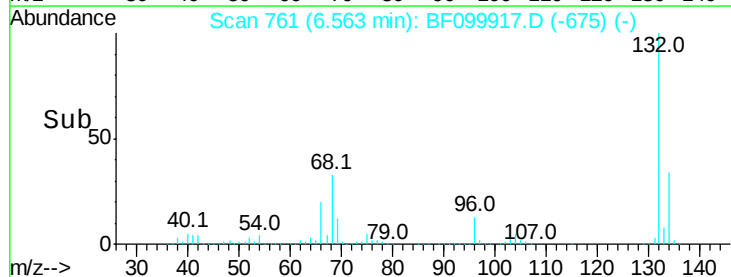
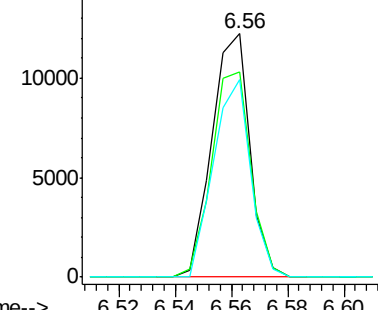
77 100

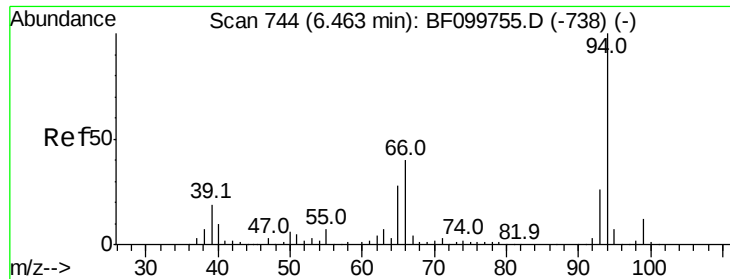
105 84.1 81.1 121.1

106 81.4 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





#10

Phenol

Concen: 2.331 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

Instrument :

BNA_F

ClientSampleId :

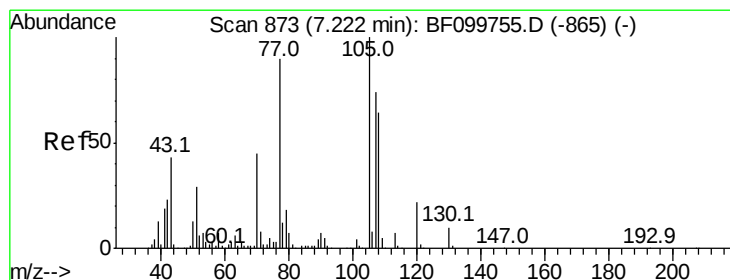
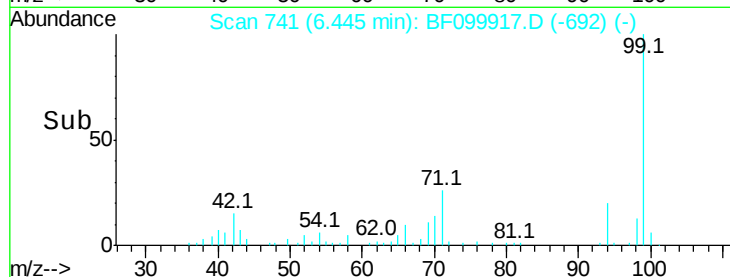
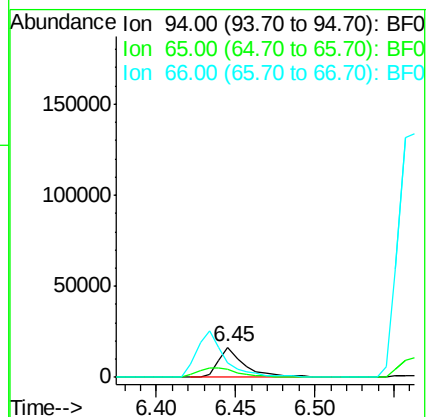
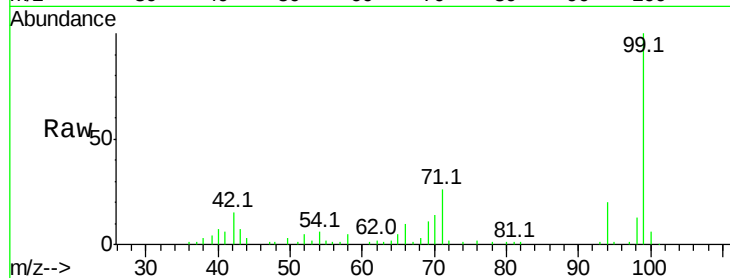
Tot Ion: 94 Resp: 19189

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

66 47.7 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.341 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

Tgt Ion: 70 Resp: 54227

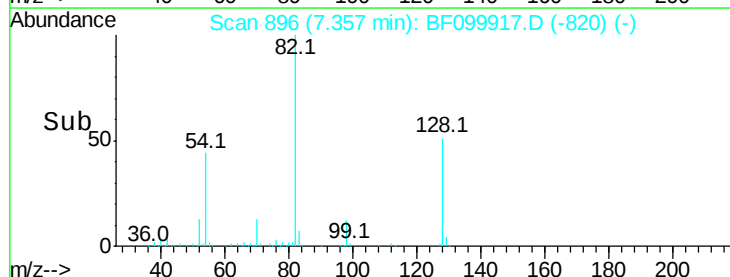
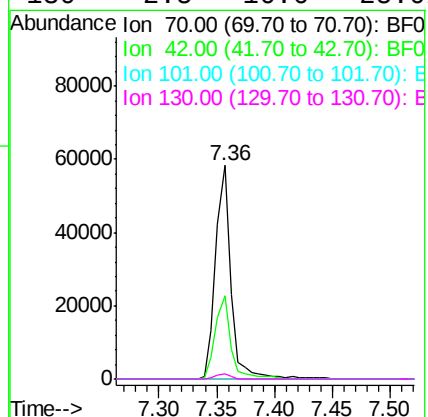
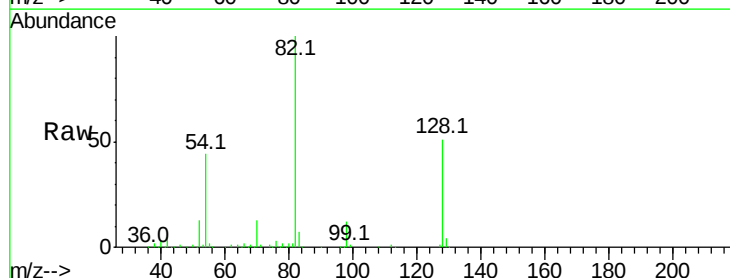
Ion Ratio Lower Upper

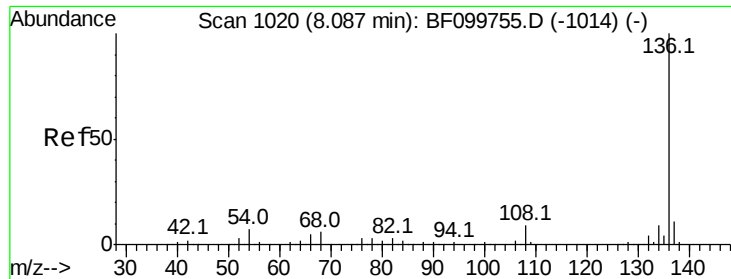
70 100

42 39.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

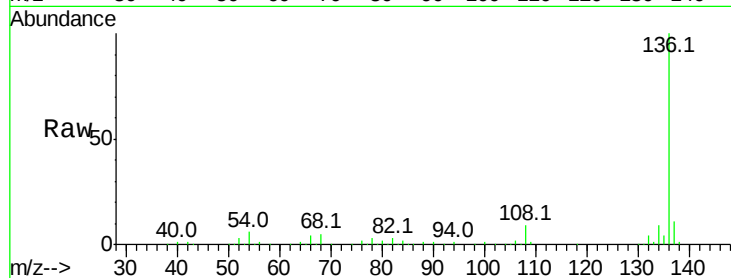




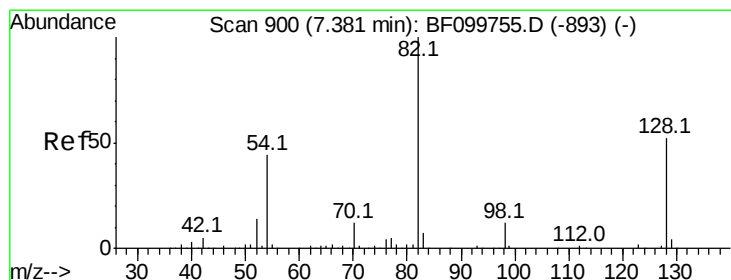
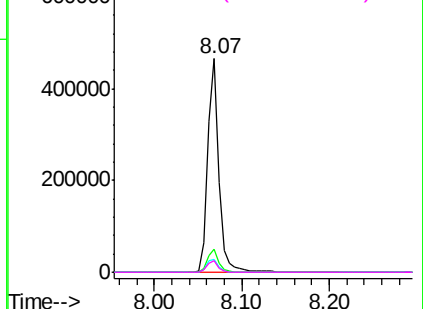
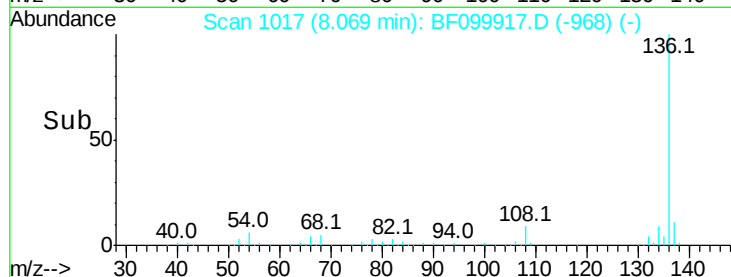
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	412530
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.2	5.0	7.4

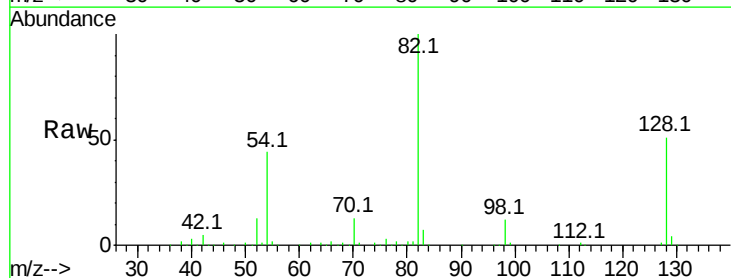


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

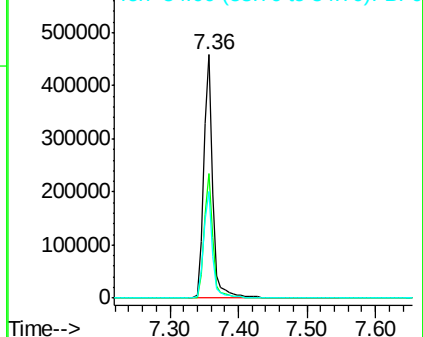
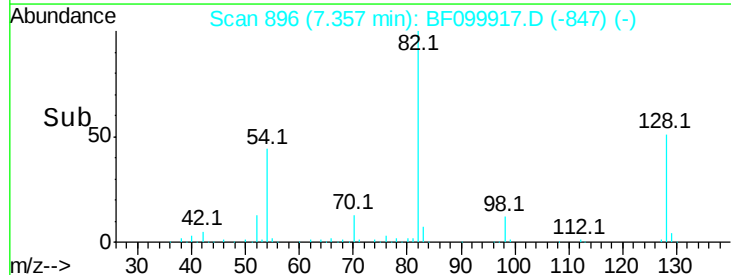


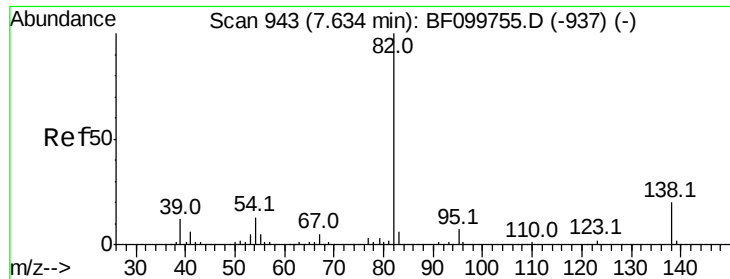
#23
Nitrobenzene-d5
Concen: 67.684 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion:	82	Resp:	433701
Ion	Ratio	Lower	Upper
82	100		
128	51.3	36.1	54.1
54	43.6	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

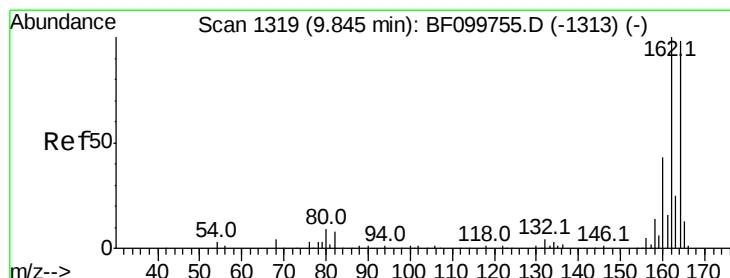
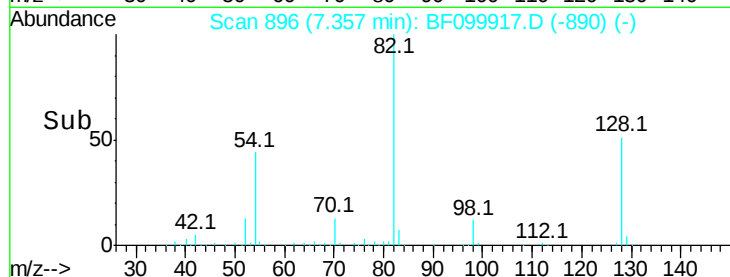
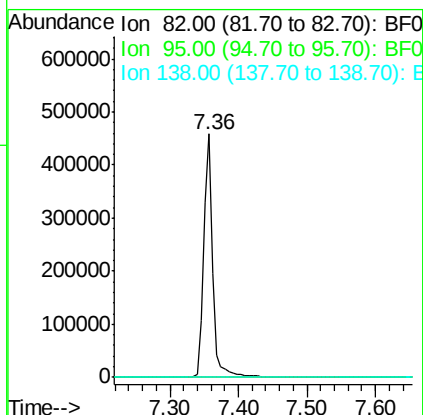
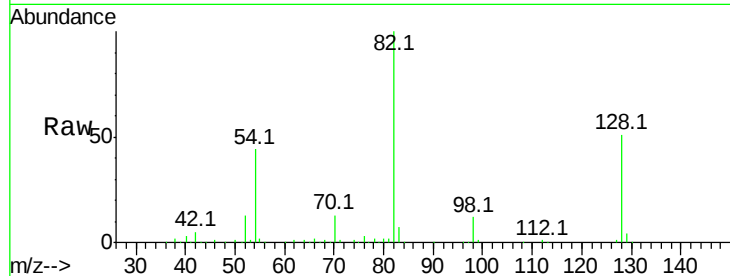




#25
Isophorone
Concen: 37.300 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

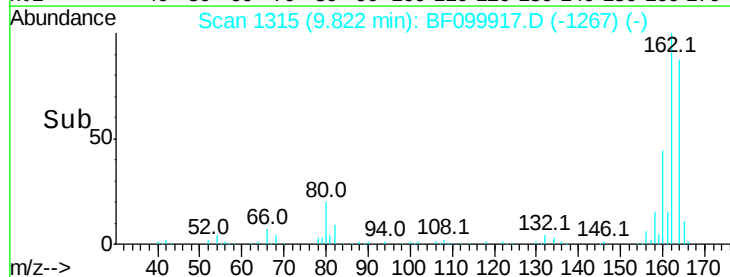
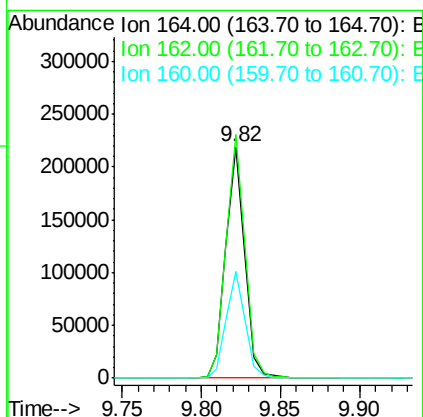
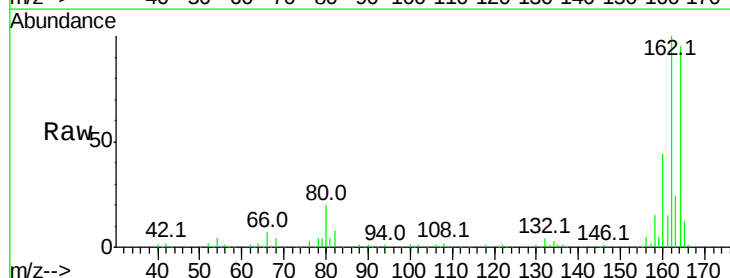
Instrument :
BNA_F
ClientSampled :

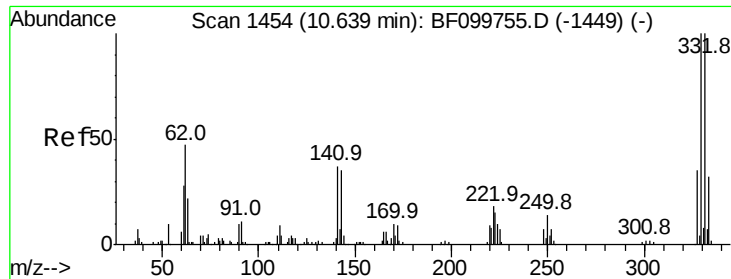
Tot Ion: 82 Resp: 433701
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion:164 Resp: 180712
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 46.0 38.3 57.5

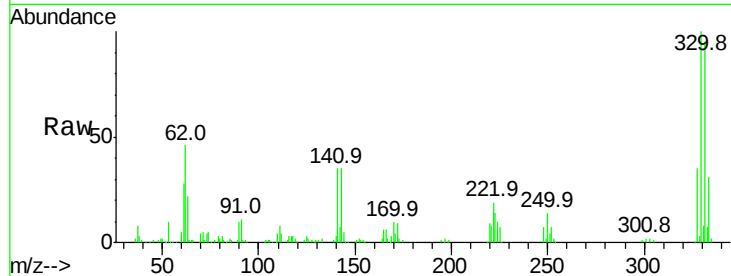




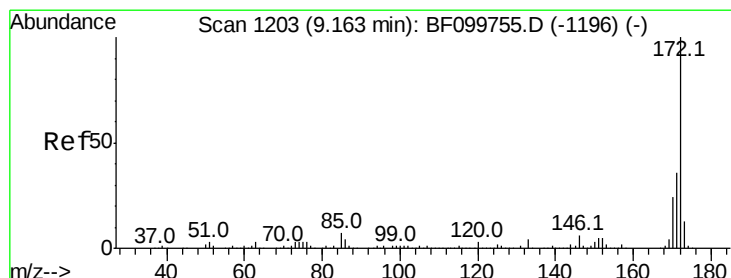
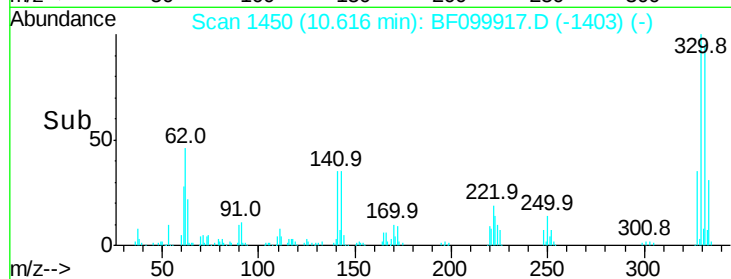
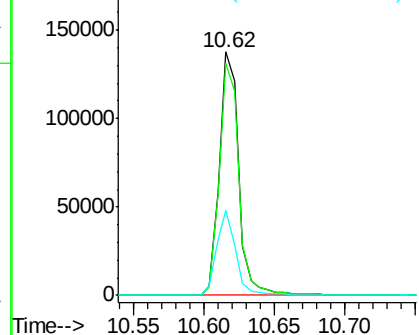
#41
 2,4,6-Tribromophenol
 Concen: 80.298 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099917.D
 Acq: 28 Oct 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.9	29.9	44.9

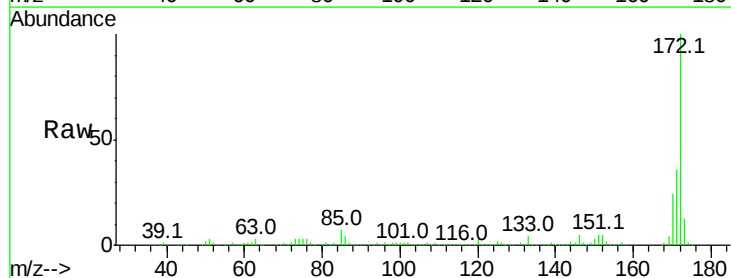


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

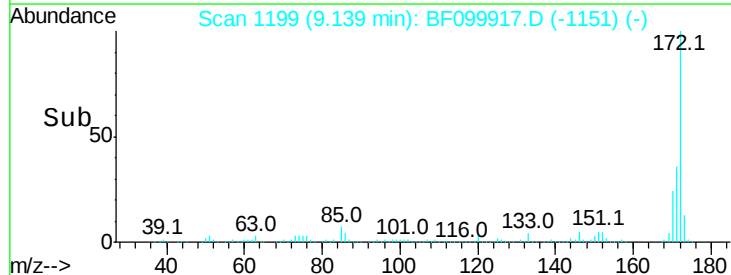
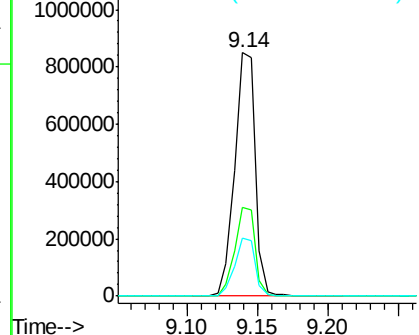


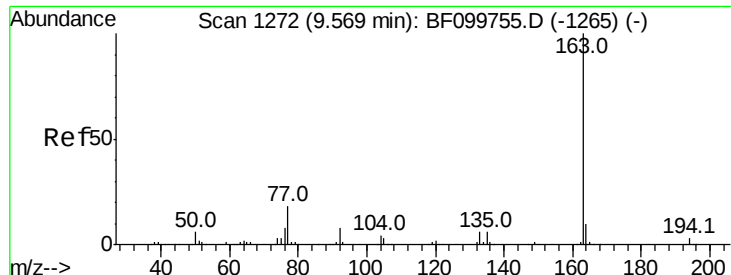
#44
 2-Fluorobiphenyl
 Concen: 73.741 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099917.D
 Acq: 28 Oct 2017 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	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: 11.076 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

Instrument :

BNA_F

ClientSampleId :

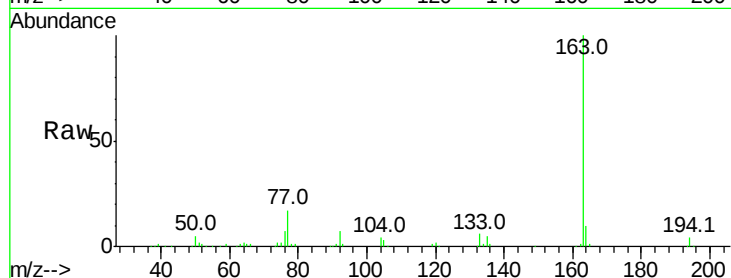
Tot Ion:163 Resp: 158508

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

164 9.6 8.2 12.2

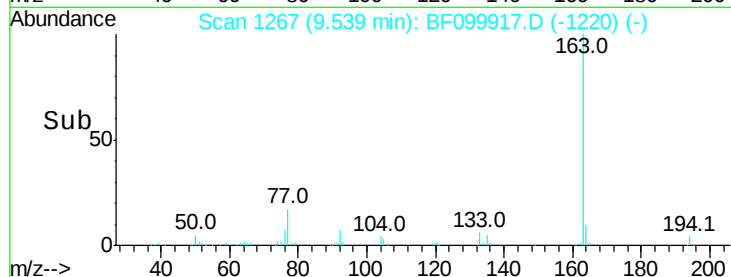


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

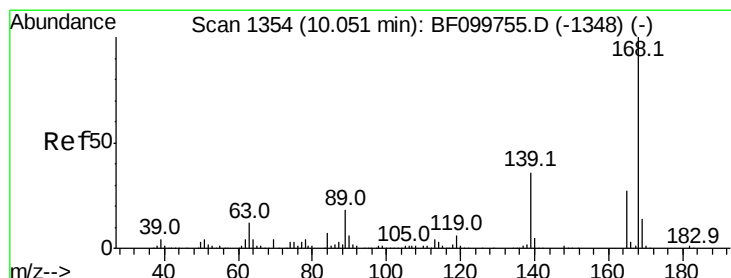
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.112 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.23 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

Tgt Ion:165 Resp: 22143

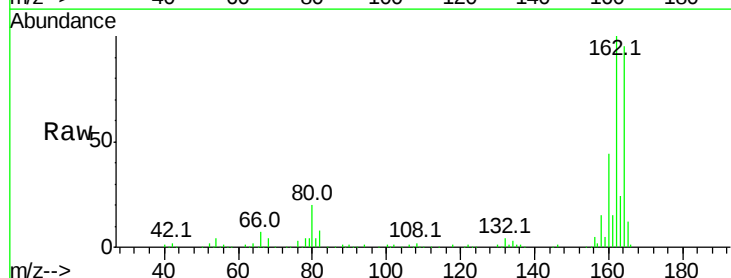
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#



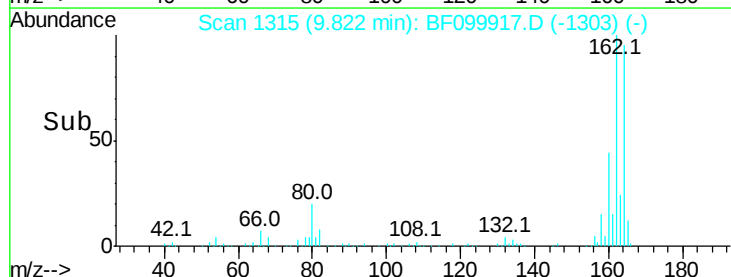
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

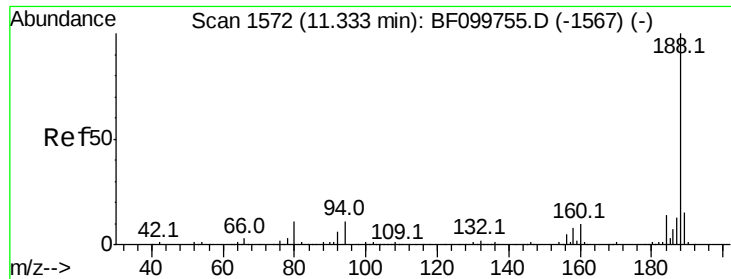
Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

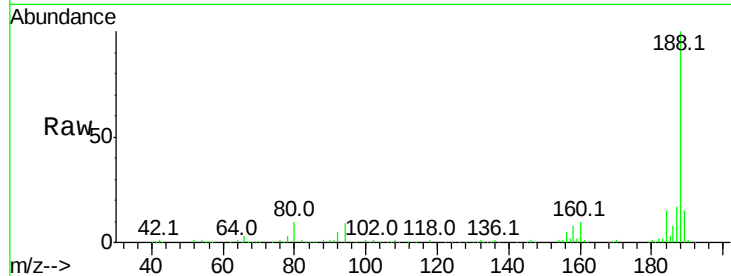
Time-->



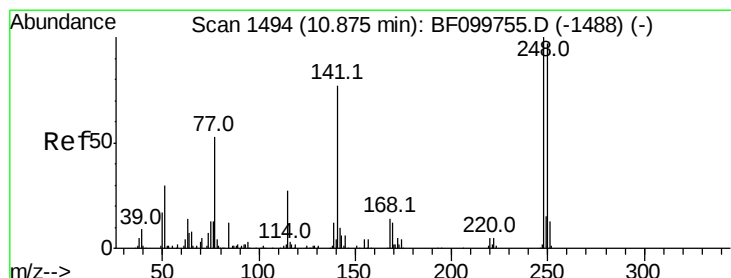
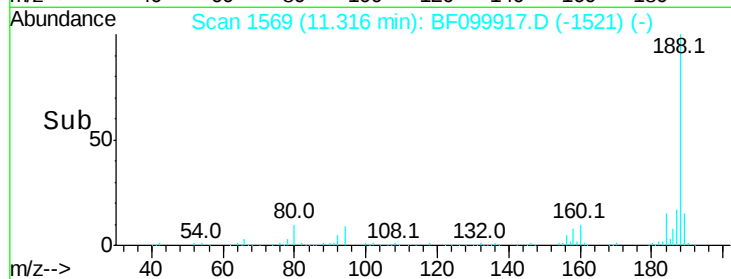
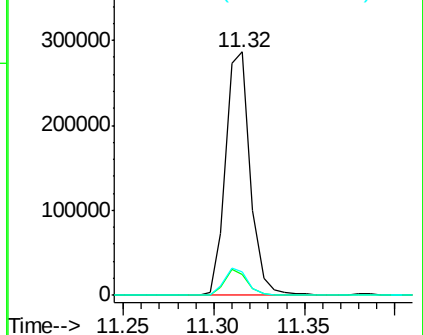
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8

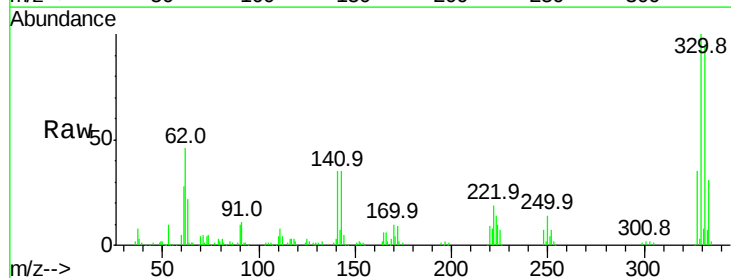


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

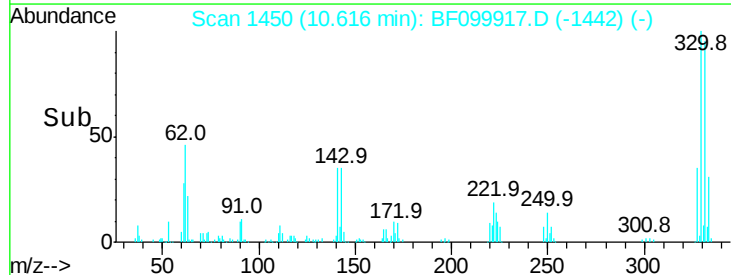
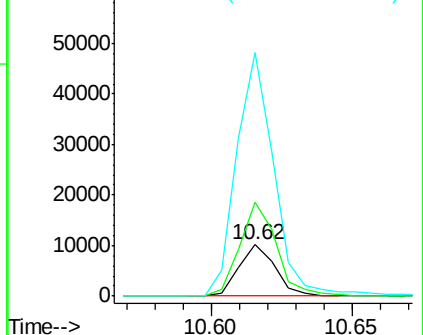


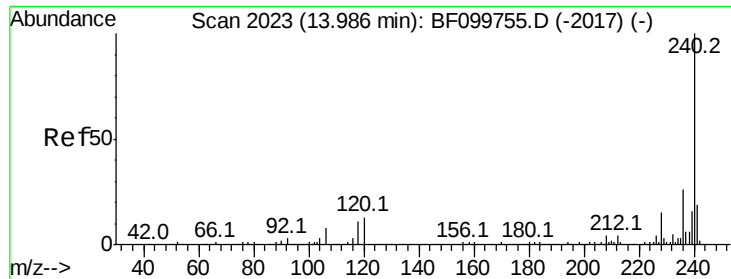
#66
4-Bromophenyl-phenylether
Concen: 3.090 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	183.4	76.9	115.3#
141	474.5	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

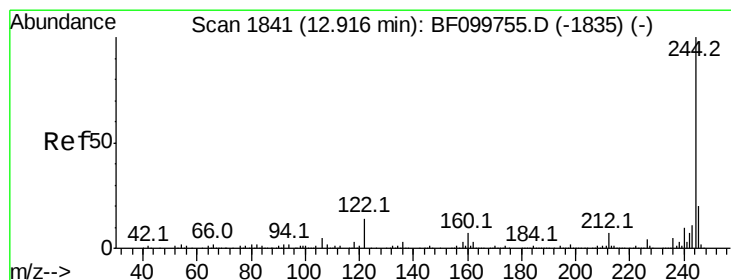
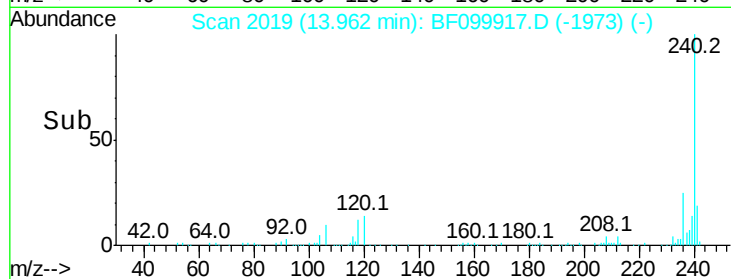
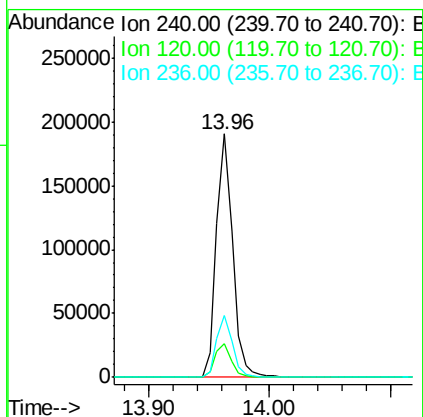
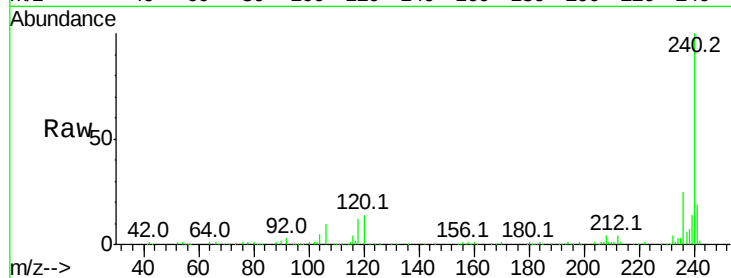




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

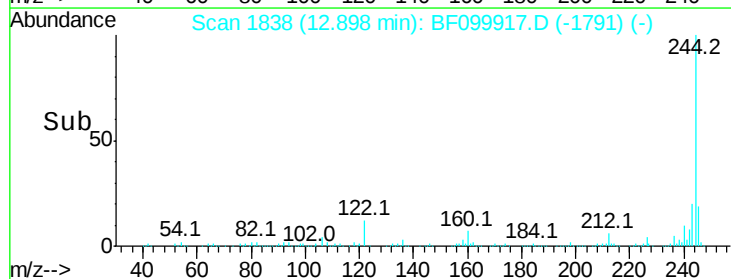
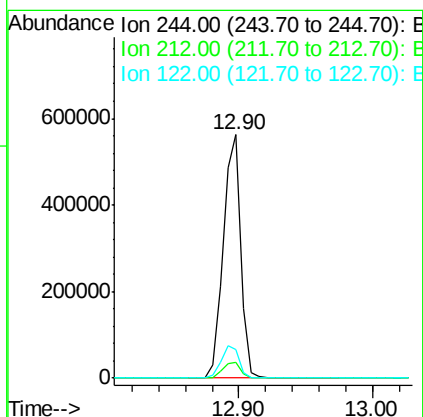
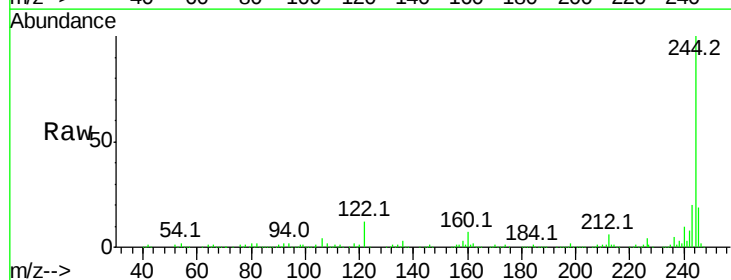
Instrument :
BNA_F
ClientSampleId :

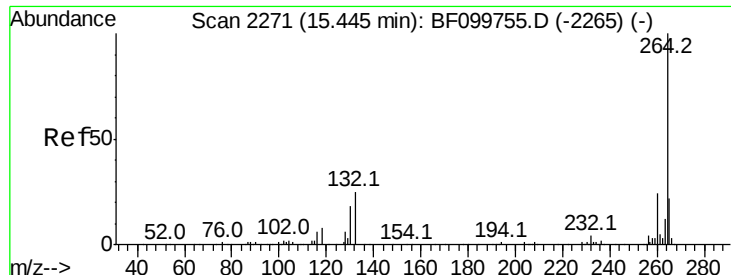
Tot Ion:240 Resp: 176283
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.4 20.7 31.1



#78
Terphenyl-d14
Concen: 64.435 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion:244 Resp: 519765
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 11.9 11.0 16.4

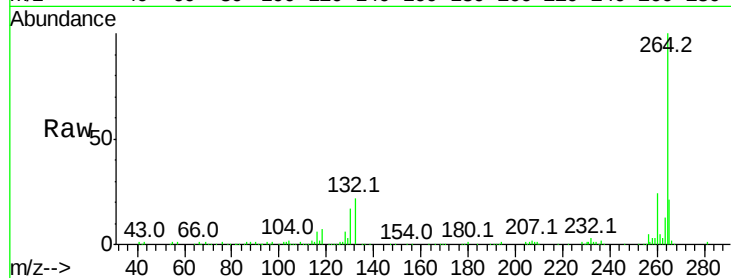




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	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

