

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099929.D
 Acq On : 28 Oct 2017 20:46
 Operator : SJ/JU
 Sample : I6146-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:02:08 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

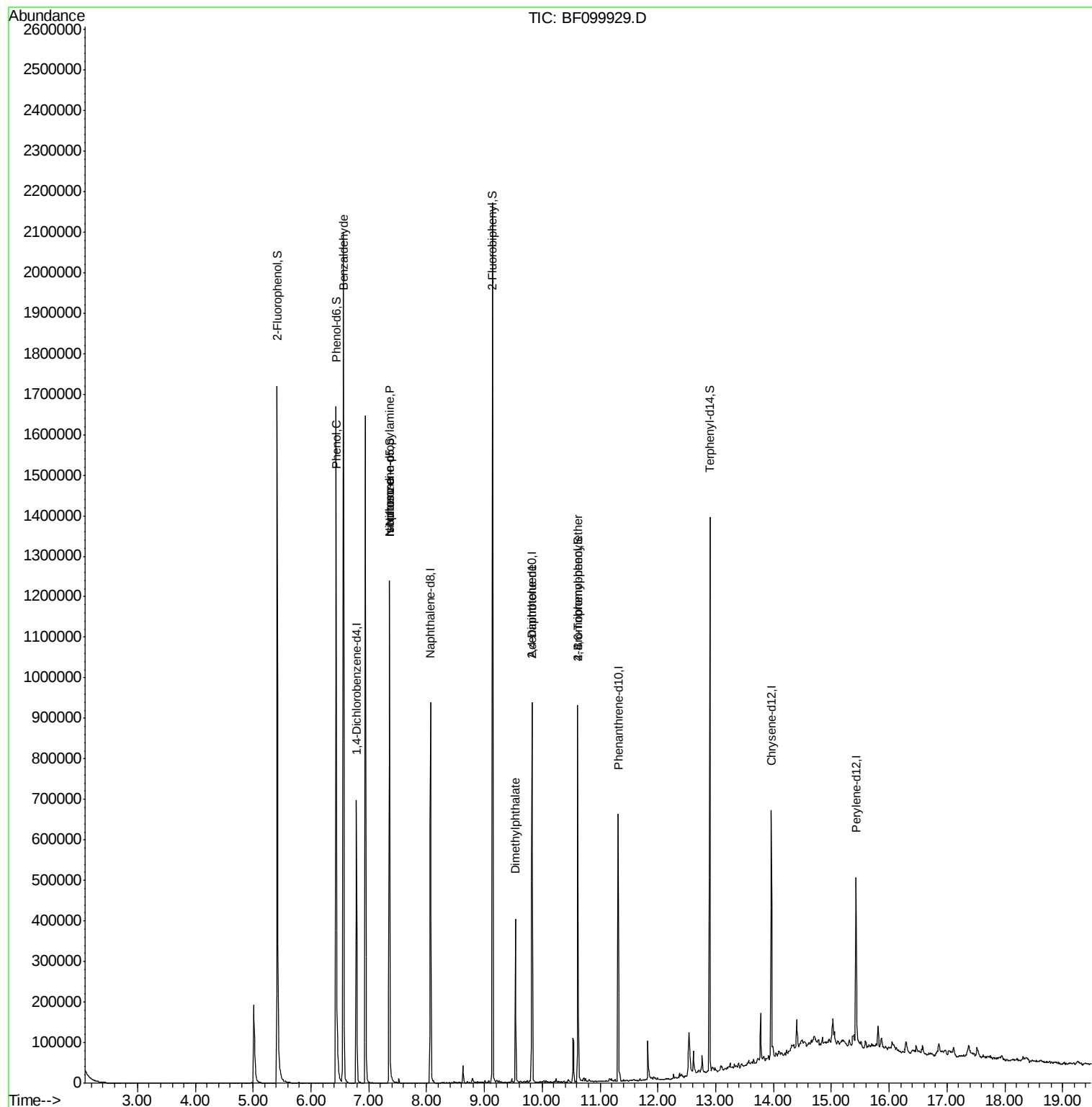
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109695	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	433400	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	178346	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	249164	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	185365	20.00	ng	-0.03
86) Perylene-d12	15.43	264	192963	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	603227	86.33	ng	0.00
7) Phenol-d6	6.43	99	704315	85.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	411493	61.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	112572	69.26	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	751459	65.01	ng	-0.02
78) Terphenyl-d14	12.90	244	441118	52.01	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	10937	2.209	ng	88
10) Phenol	6.45	94	41157	4.525	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	51802	10.670	ng	# 71
25) Isophorone	7.36	82	411493	33.686	ng	# 64
49) Dimethylphthalate	9.54	163	157376	11.143	ng	100
56) 2,4-Dinitrotoluene	9.82	165	22730	6.357	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	7503	2.860	ng	# 1

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

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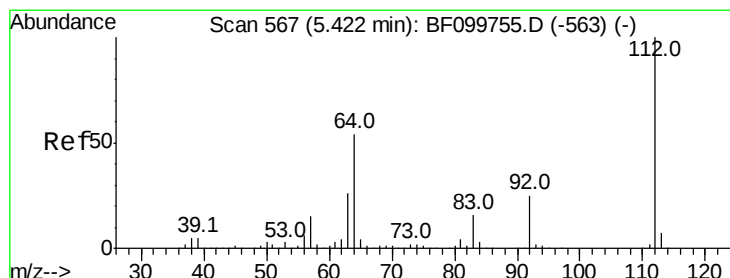
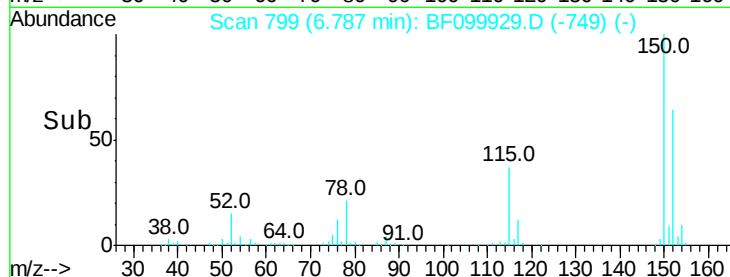
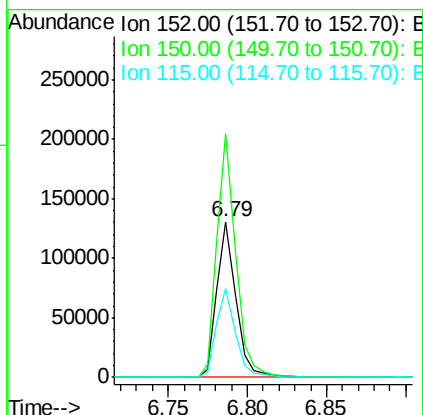
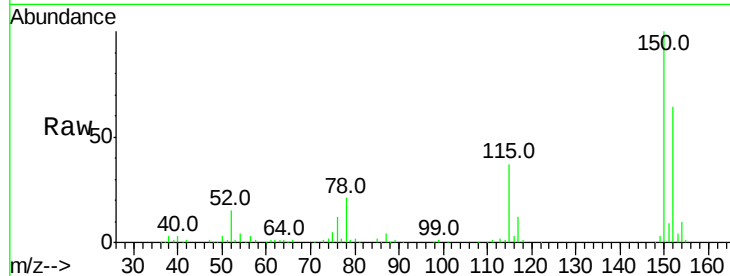


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Instrument :
BNA_F
ClientSampleId :

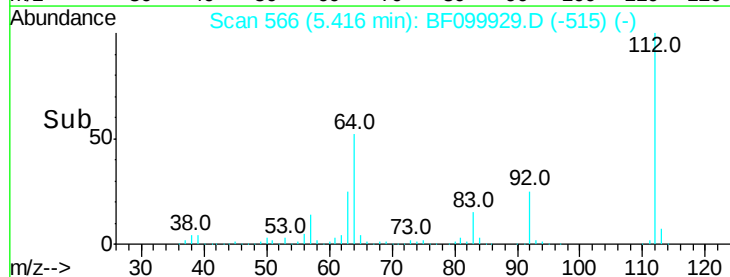
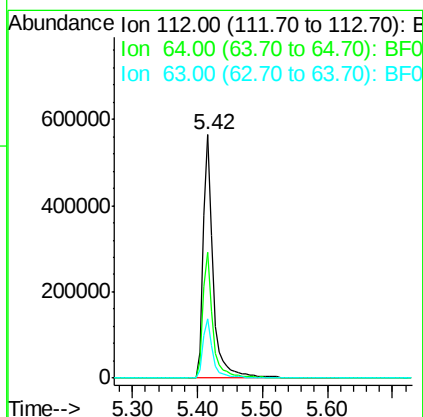
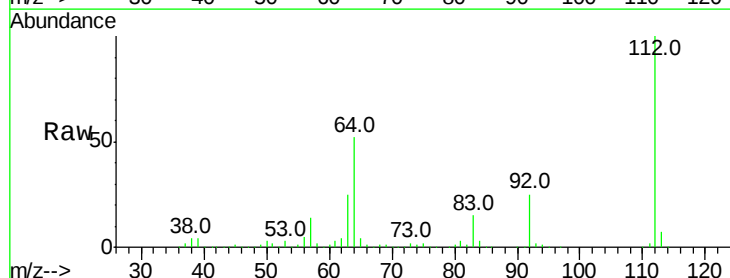
Tot Ion:152 Resp: 109695
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 57.3 50.1 75.1



#5

2-Fluorophenol
Concen: 86.334 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Tgt Ion:112 Resp: 603227
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 24.5 23.7 35.5





#7

Phenol-d6

Concen: 85.014 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

Instrument :

BNA_F

ClientSampleId :

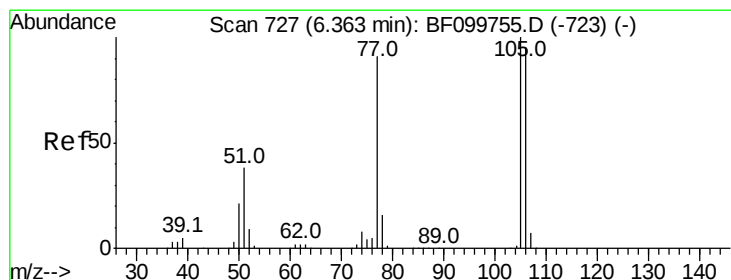
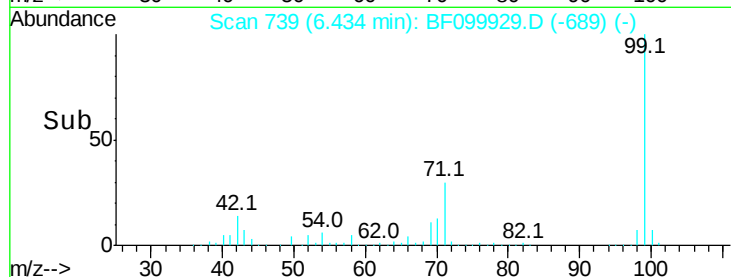
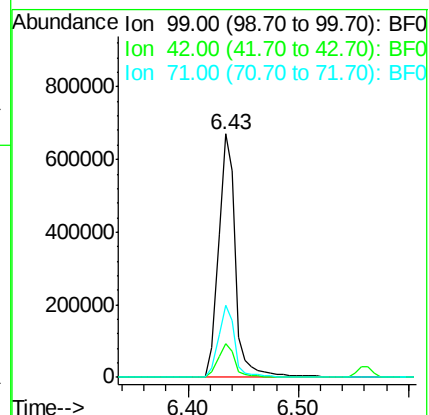
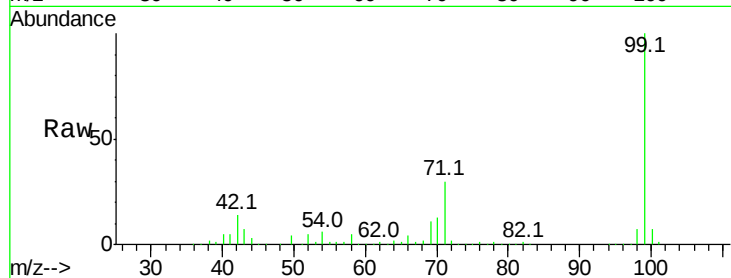
Tot Ion: 99 Resp: 704315

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

71 29.6 25.4 38.0



#9

Benzaldehyde

Concen: 2.209 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

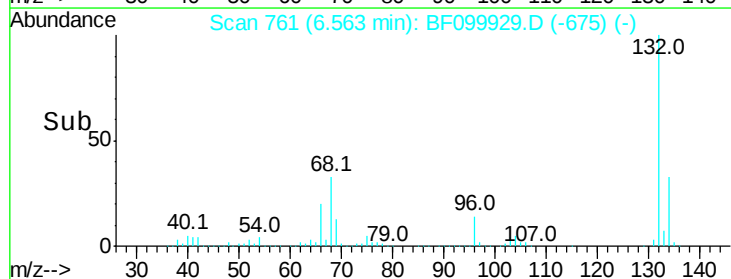
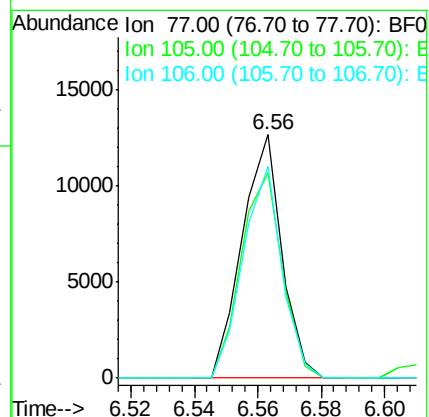
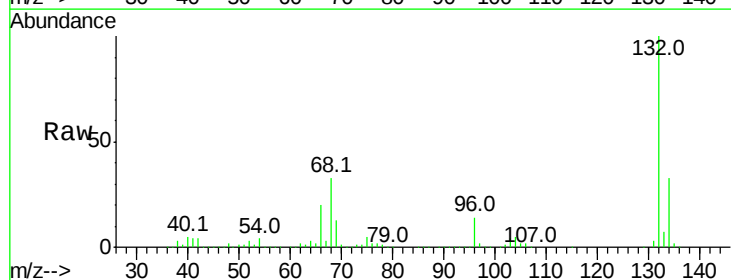
Tgt Ion: 77 Resp: 10937

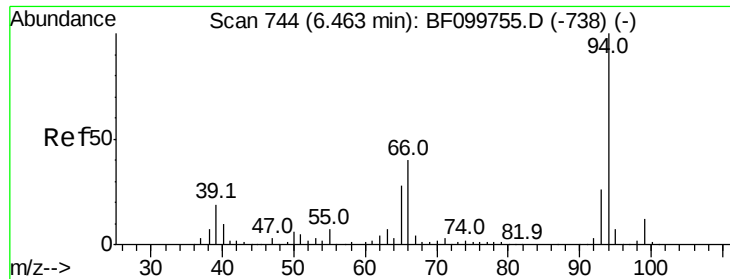
Ion Ratio Lower Upper

77 100

105 84.4 81.1 121.1

106 86.8 74.5 114.5





#10

Phenol

Concen: 4.525 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

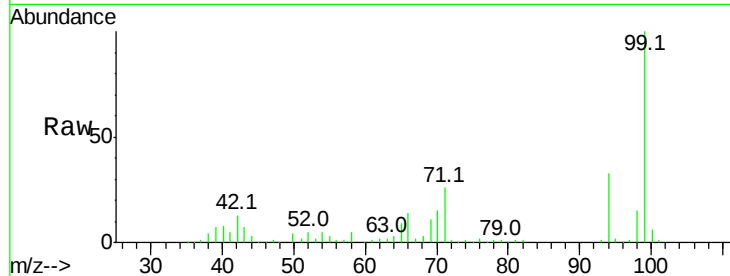
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 41157

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.9	47.9
66	41.8	16.2	56.2

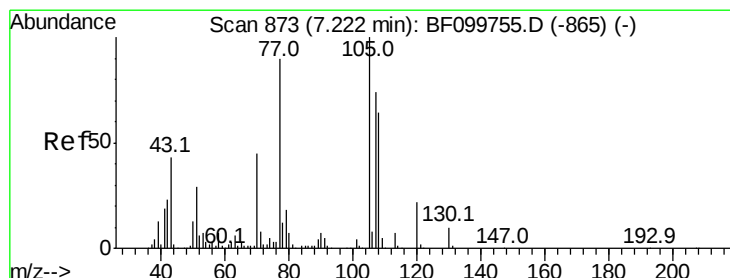
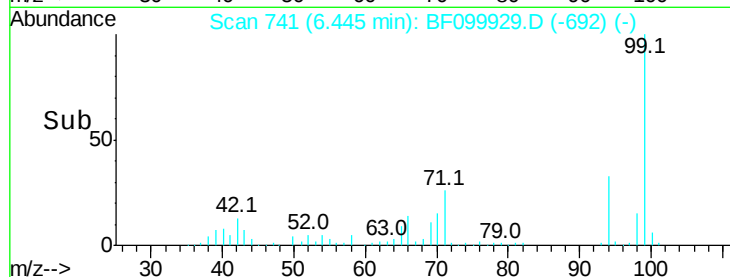
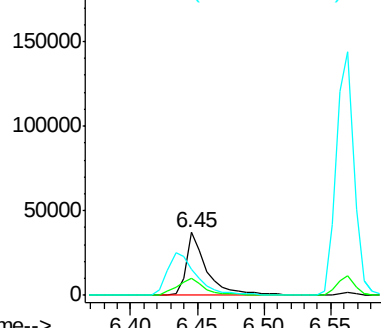


Abundance

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: 10.670 ng

RT: 7.36 min Scan# 896

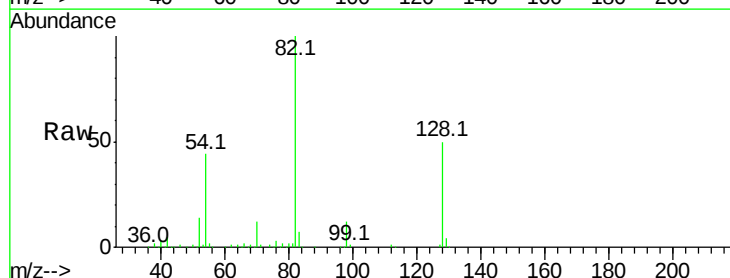
Delta R.T. 0.15 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

Tgt Ion: 70 Resp: 51802

Ion	Ratio	Lower	Upper
70	100		
42	40.0	47.5	71.3#
101	0.0	7.4	11.2#
130	3.1	16.6	25.0#



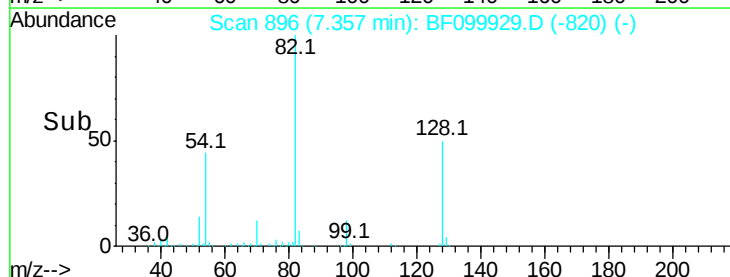
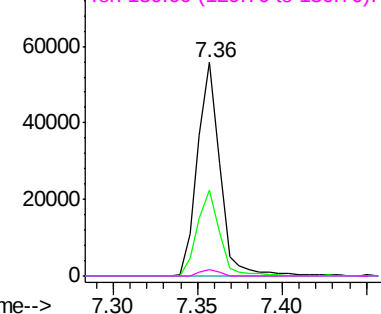
Abundance

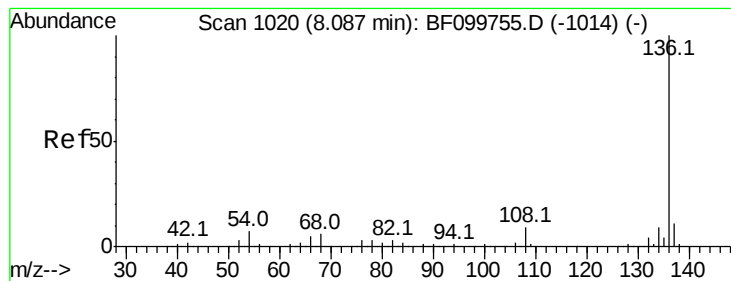
Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 433400

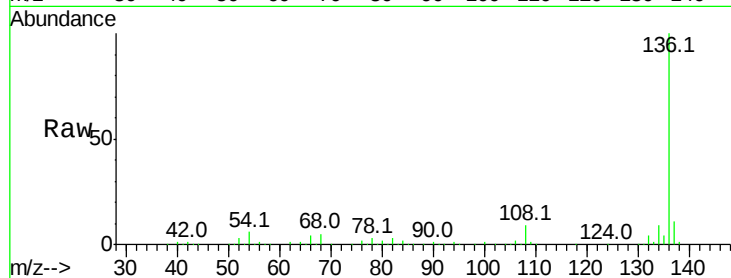
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4

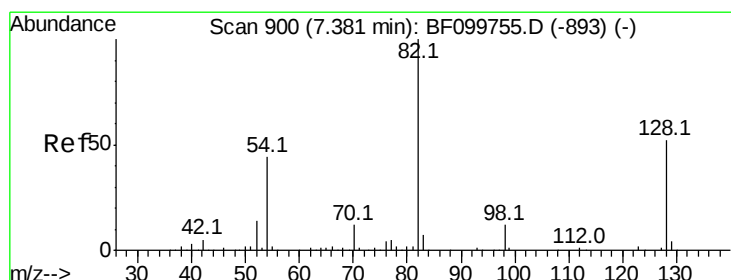
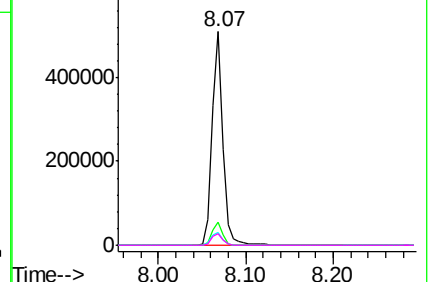
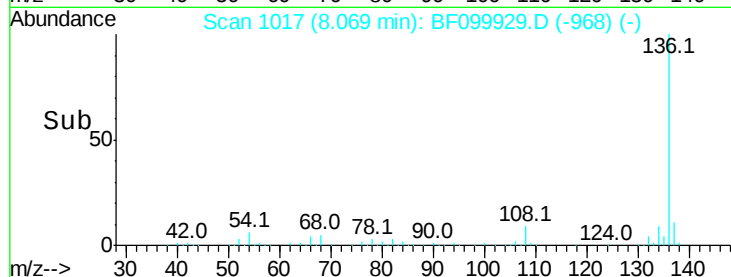


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.126 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

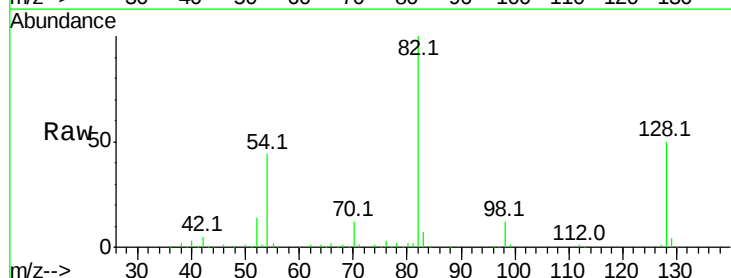
Tgt Ion: 82 Resp: 411493

Ion Ratio Lower Upper

82 100

128 50.0 36.1 54.1

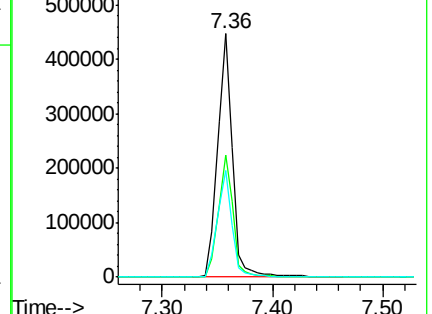
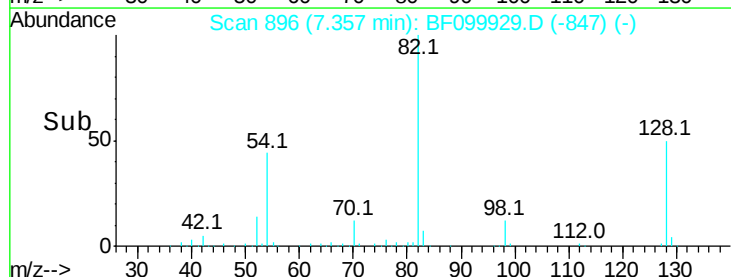
54 43.7 41.4 62.2

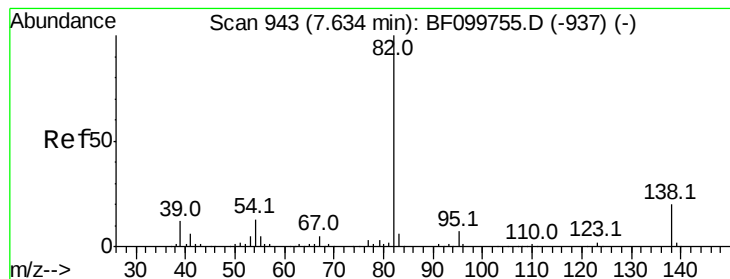


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.686 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

Instrument :

BNA_F

ClientSampled :

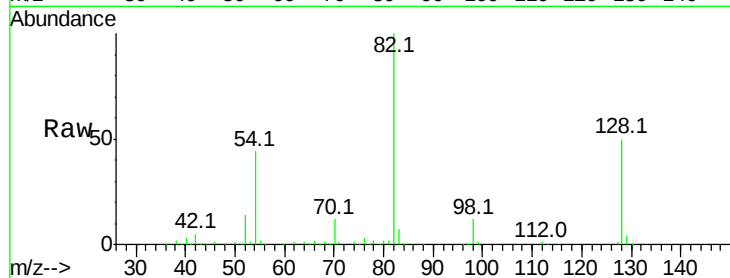
Tot Ion: 82 Resp: 411493

Ion Ratio Lower Upper

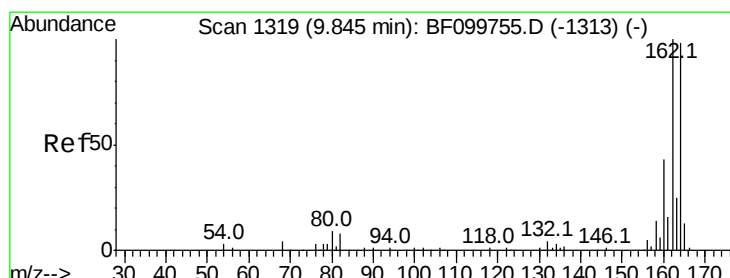
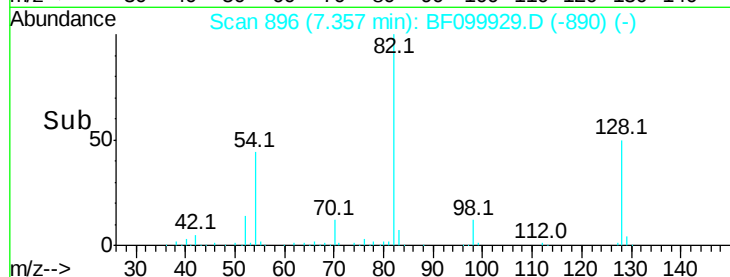
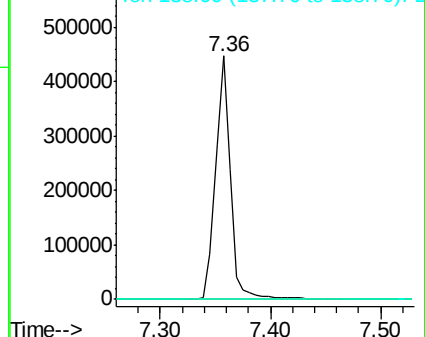
82 100

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: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

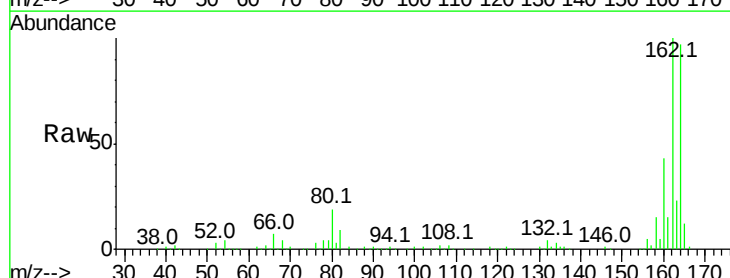
Tgt Ion:164 Resp: 178346

Ion Ratio Lower Upper

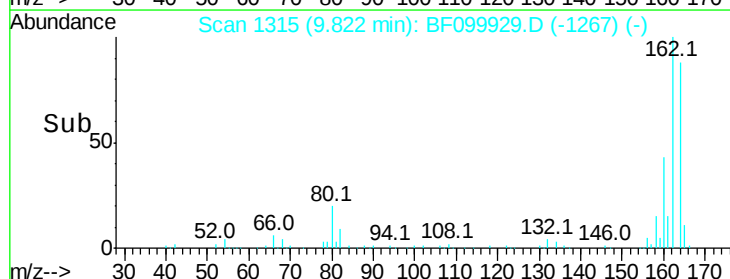
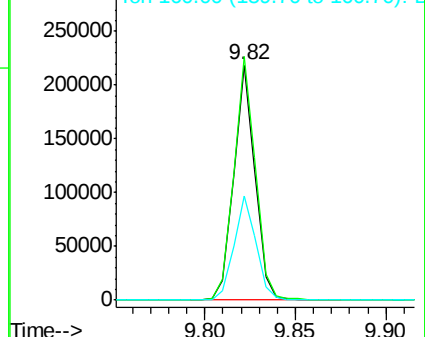
164 100

162 103.6 86.1 129.1

160 44.3 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

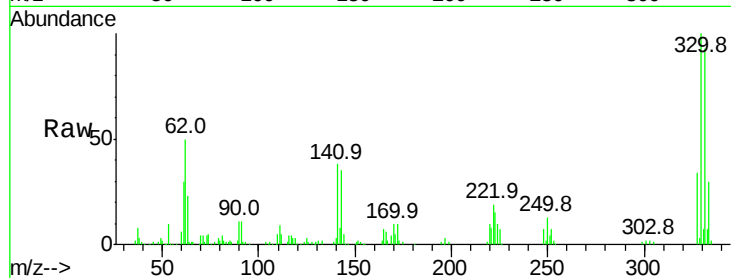




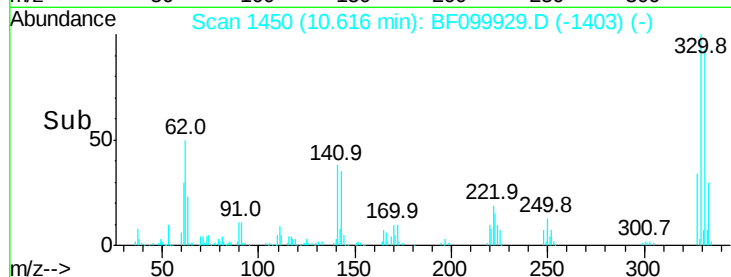
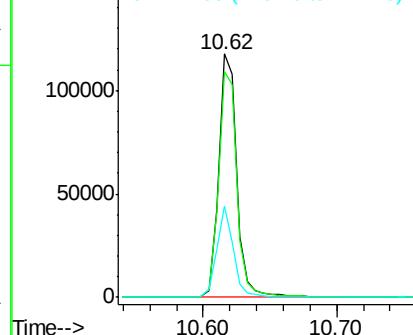
#41
 2,4,6-Tribromophenol
 Concen: 69.262 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099929.D
 Acq: 28 Oct 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 112572
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 34.6 29.9 44.9

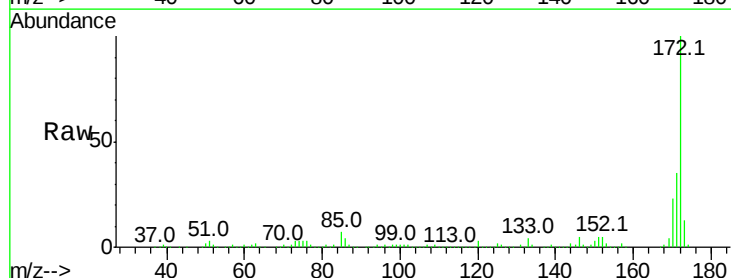


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

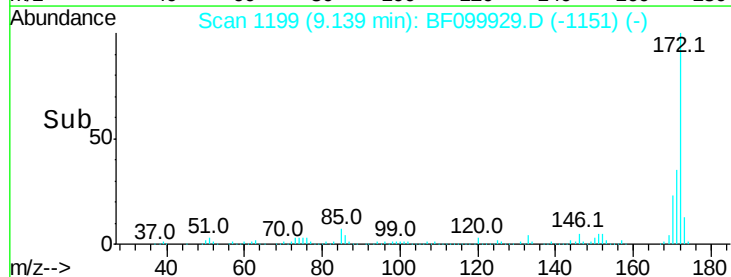
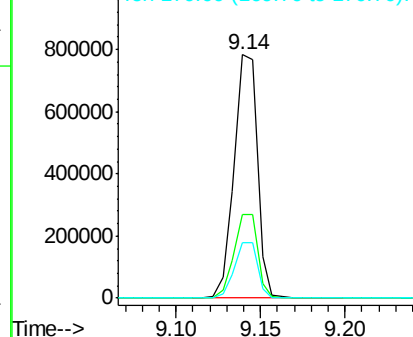


#44
 2-Fluorobiphenyl
 Concen: 65.007 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099929.D
 Acq: 28 Oct 2017 20:46

Tgt Ion:172 Resp: 751459
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 23.0 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

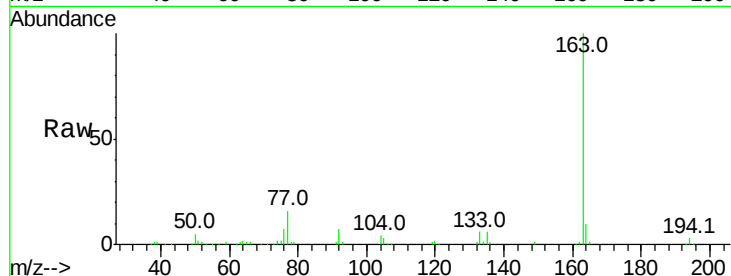




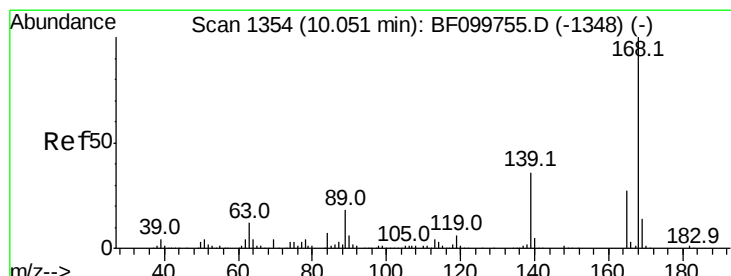
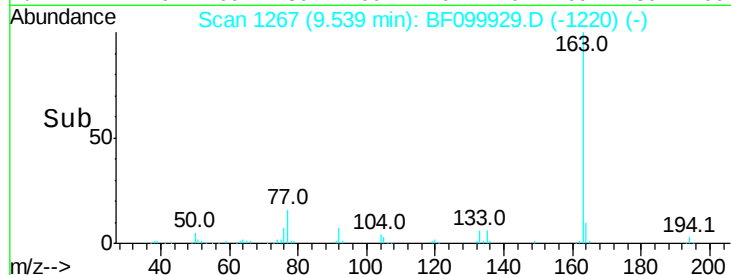
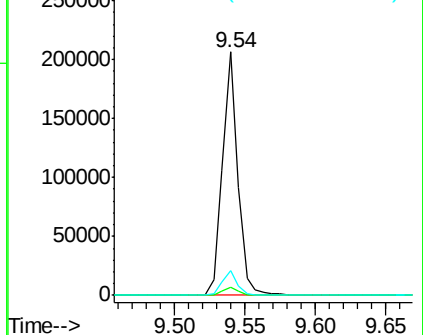
#49
Dimethylphthalate
Concen: 11.143 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 157376
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

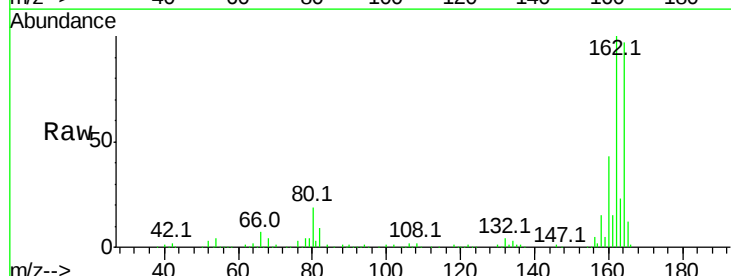


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

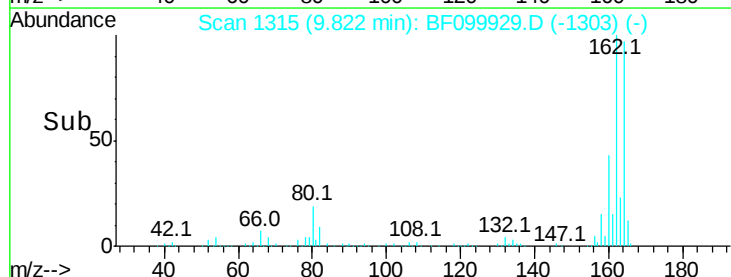
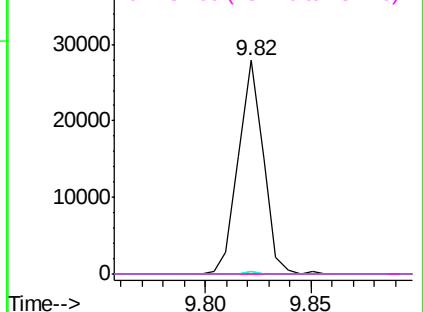


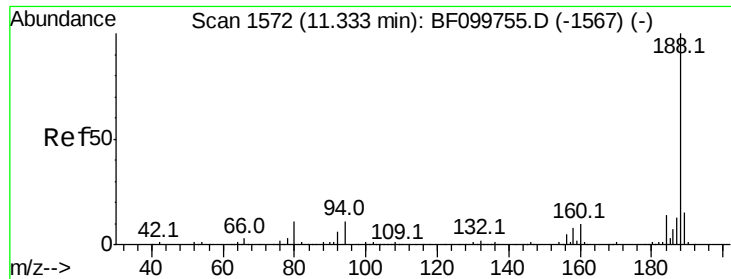
#56
2,4-Dinitrotoluene
Concen: 6.357 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Tgt Ion:165 Resp: 22730
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

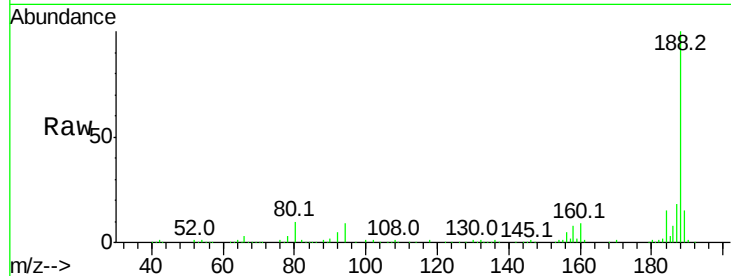




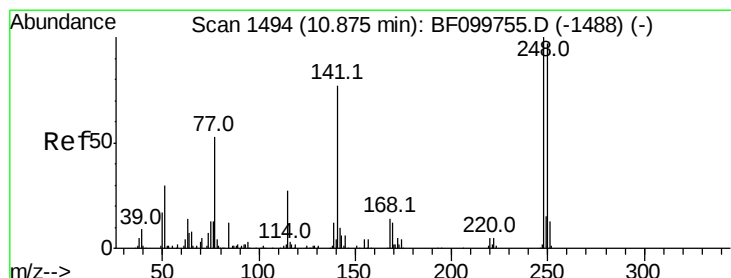
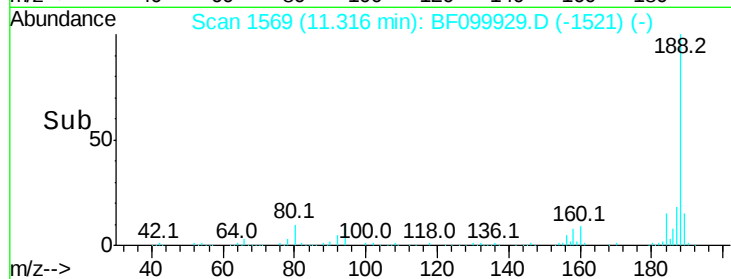
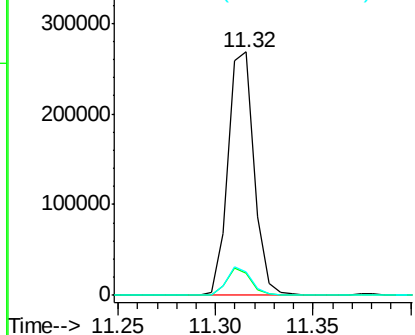
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099929.D
 Acq: 28 Oct 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 249164
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.6 9.2 13.8

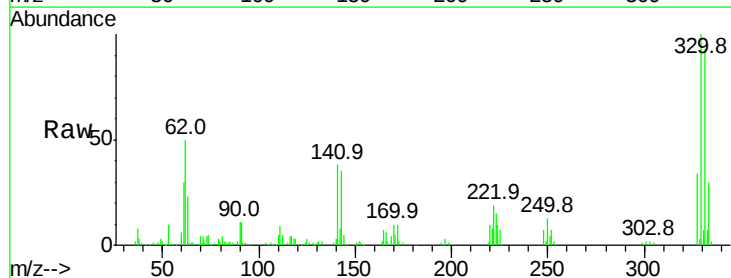


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

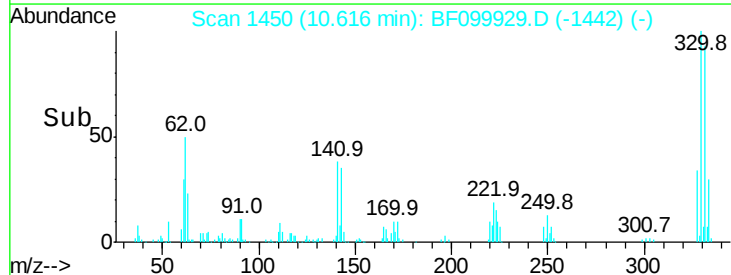
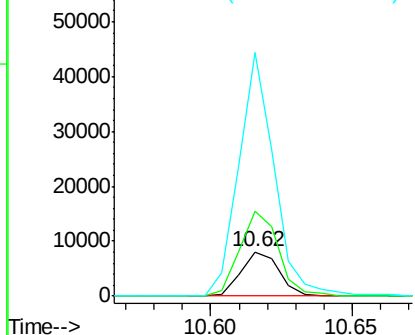


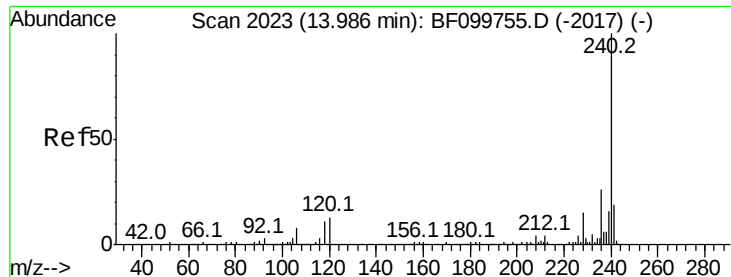
#66
 4-Bromophenyl-phenylether
 Concen: 2.860 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099929.D
 Acq: 28 Oct 2017 20:46

Tgt Ion:248 Resp: 7503
 Ion Ratio Lower Upper
 248 100
 250 193.7 76.9 115.3#
 141 552.9 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: BF099929.D

Acq: 28 Oct 2017 20:46

Instrument :

BNA_F

ClientSampleId :

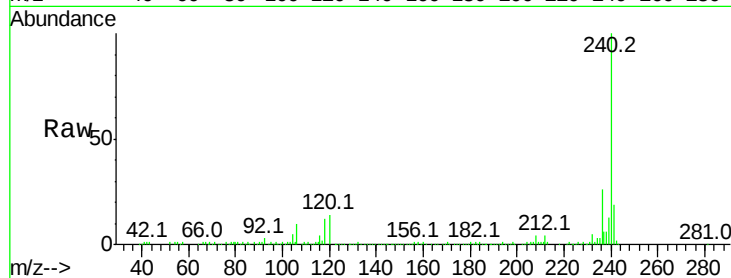
Tot Ion:240 Resp: 185365

Ion Ratio Lower Upper

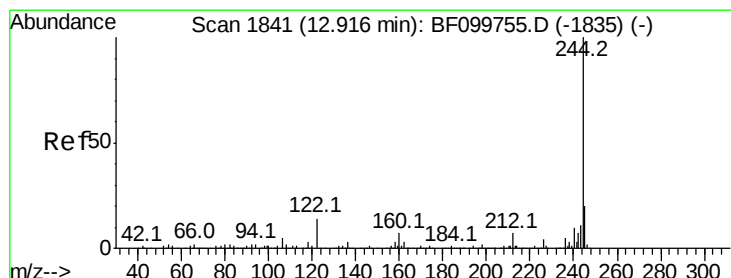
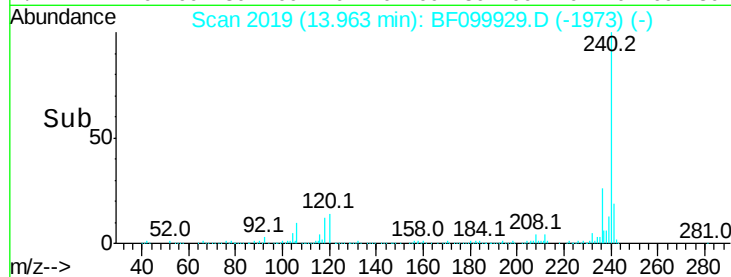
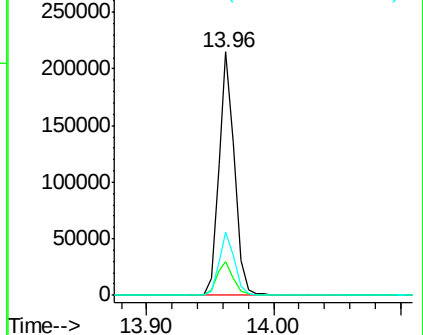
240 100

120 14.1 9.5 14.3

236 26.0 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: 52.006 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

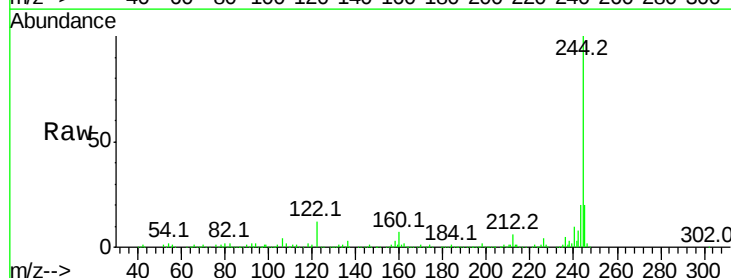
Tgt Ion:244 Resp: 441118

Ion Ratio Lower Upper

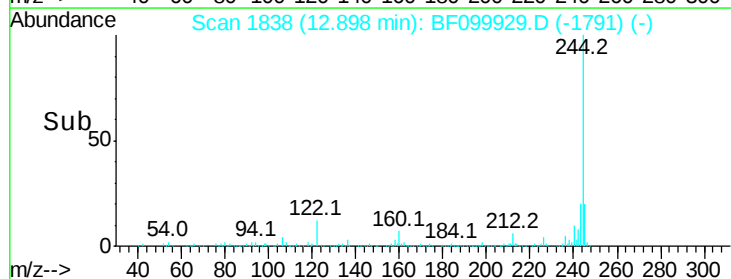
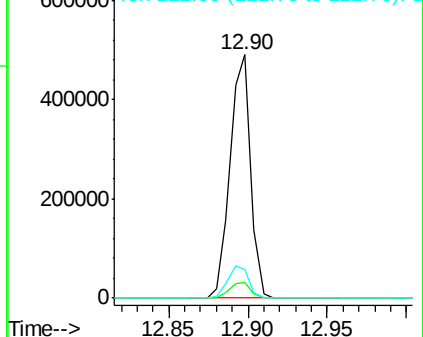
244 100

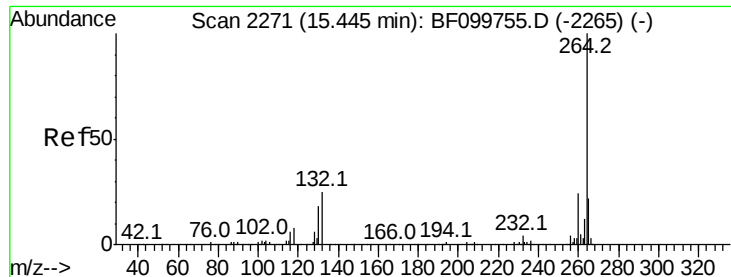
212 6.4 5.4 8.0

122 11.8 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3

