

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099932.D
 Acq On : 28 Oct 2017 22:09
 Operator : SJ/JU
 Sample : I6119-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:02:59 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

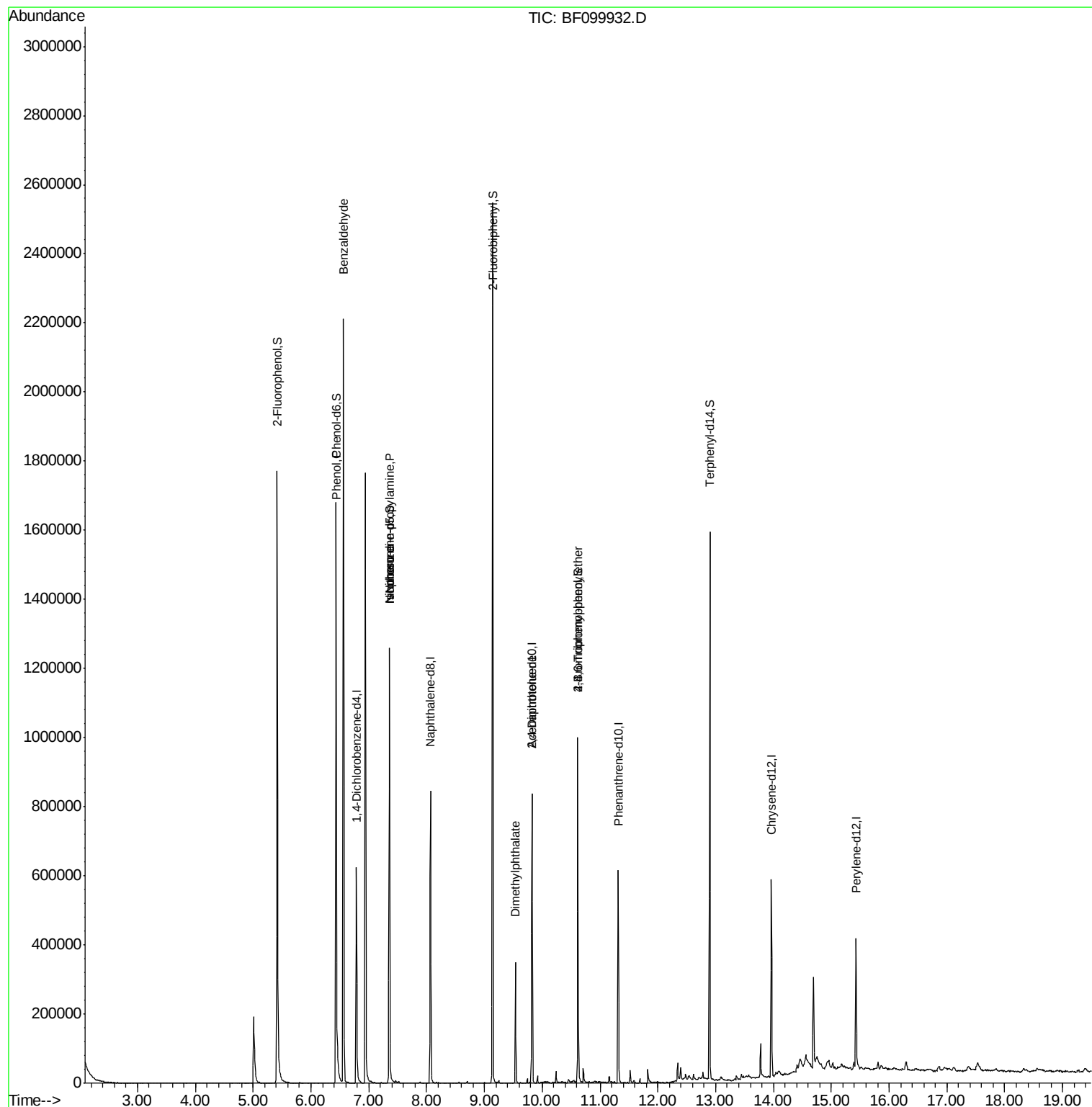
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97367	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	389624	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	160131	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	222635	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	173142	20.00	ng	-0.03
86) Perylene-d12	15.43	264	166871	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	634566	102.32	ng	0.00
7) Phenol-d6	6.43	99	761298	103.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	434455	71.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	121071	82.97	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	851460	82.04	ng	-0.01
78) Terphenyl-d14	12.90	244	516756	65.22	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	11833	2.693	ng	84
10) Phenol	6.45	94	20013	2.479	ng	82
19) n-Nitroso-di-n-propylamine	7.36	70	53165	12.337	ng	# 69
25) Isophorone	7.36	82	434455	39.562	ng	# 64
49) Dimethylphthalate	9.54	163	143452	11.312	ng	98
56) 2,4-Dinitrotoluene	9.82	165	20015	6.234	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	7982	3.406	ng	# 1

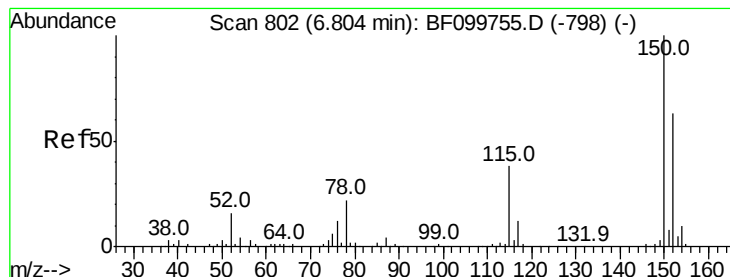
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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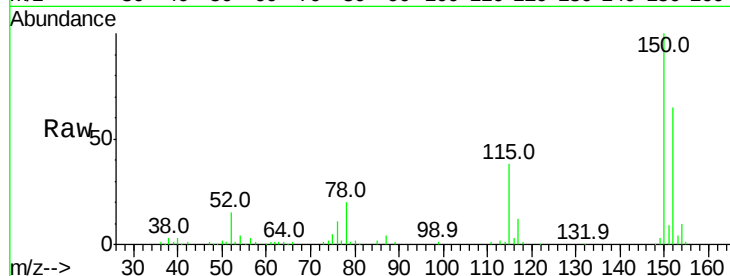


#1

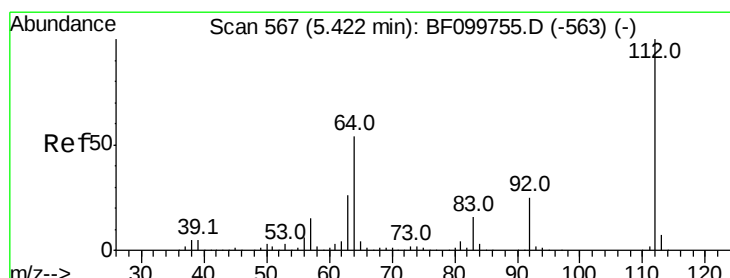
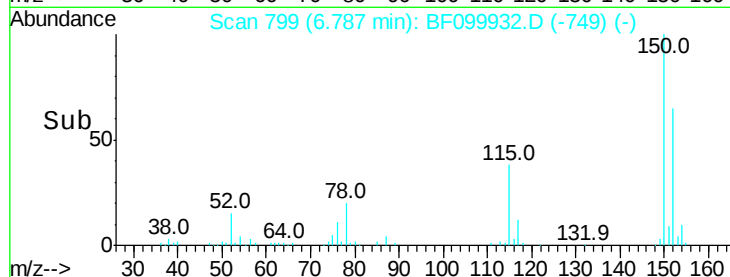
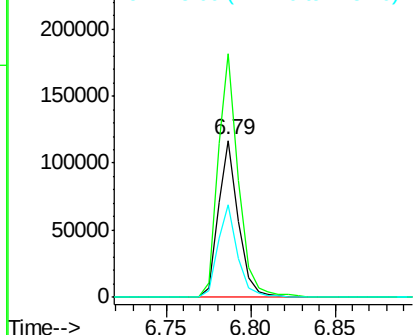
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099932.D
Acq: 28 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97367
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.6 50.1 75.1



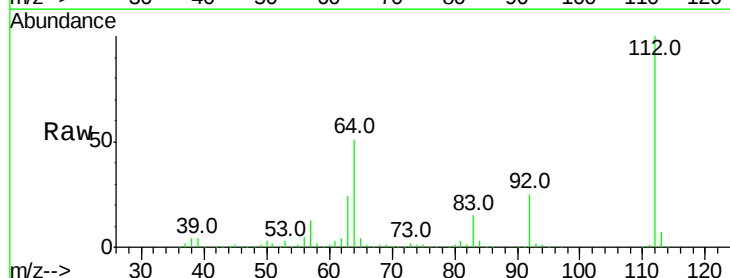
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



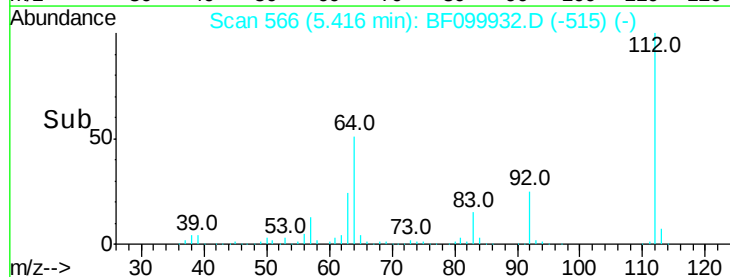
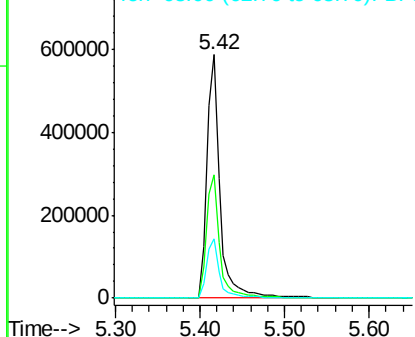
#5

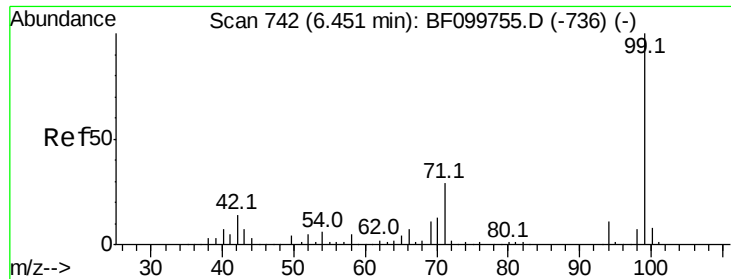
2-Fluorophenol
Concen: 102.319 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF099932.D
Acq: 28 Oct 2017 22:09

Tgt Ion:112 Resp: 634566
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 24.2 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: 103.526 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

Instrument :

BNA_F

ClientSampled :

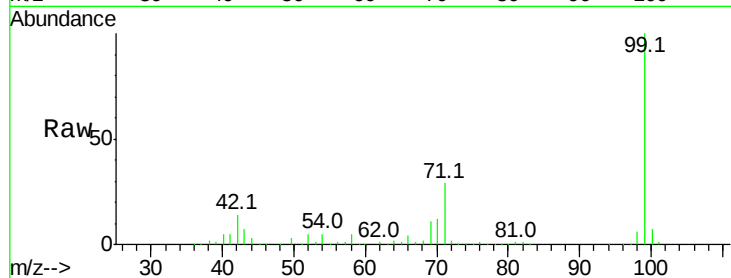
Tot Ion: 99 Resp: 761298

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

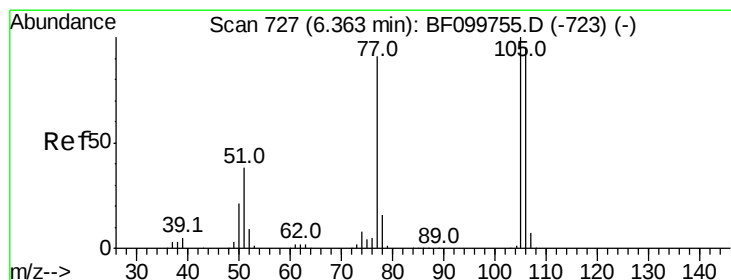
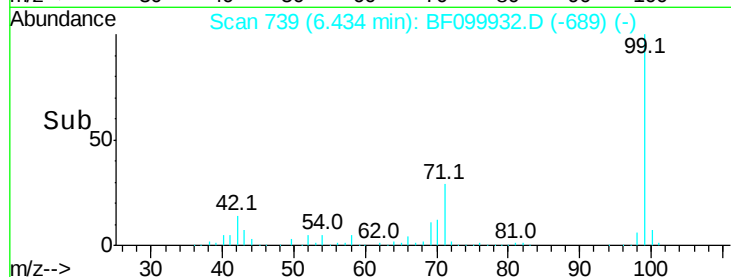
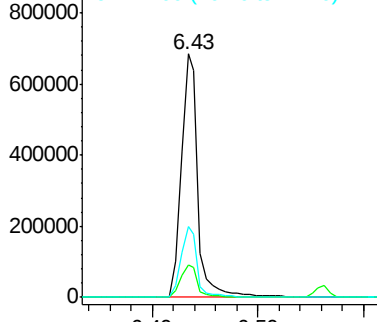
71 29.2 25.4 38.0



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: 2.693 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

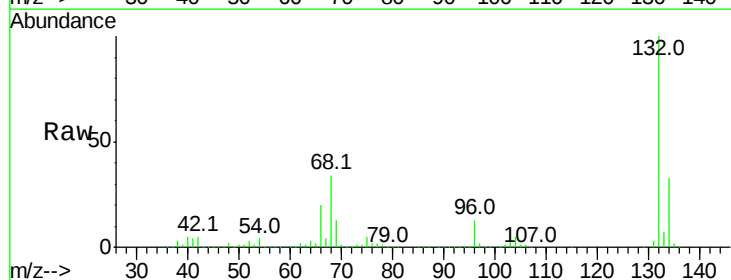
Tgt Ion: 77 Resp: 11833

Ion Ratio Lower Upper

77 100

105 85.5 81.1 121.1

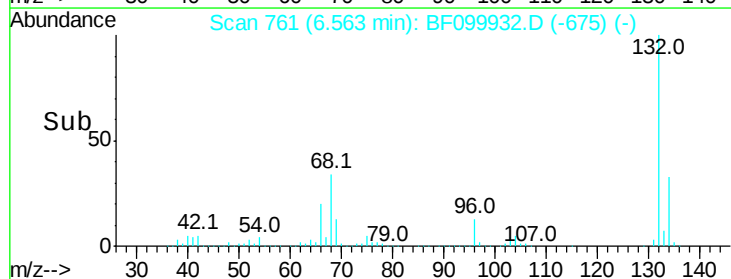
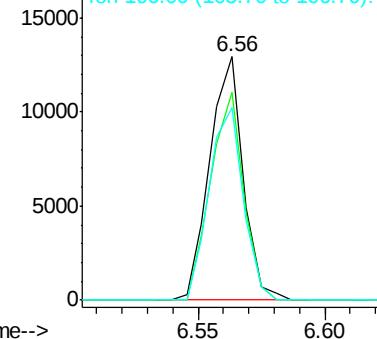
106 78.9 74.5 114.5

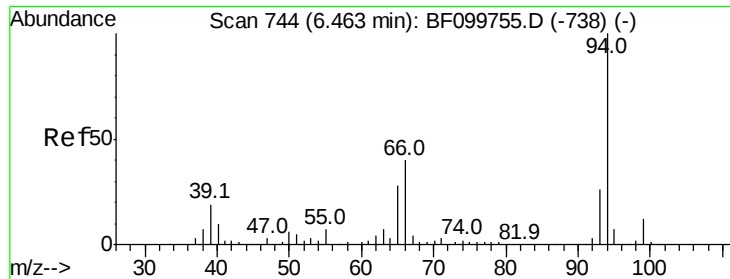


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.479 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

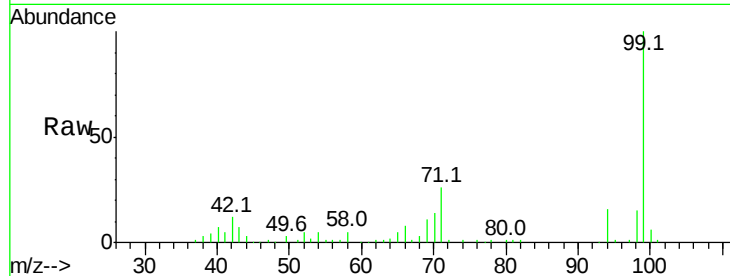
Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 20013

Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	53.5	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

200000

150000

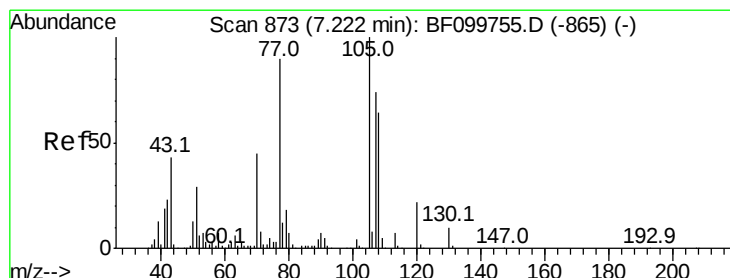
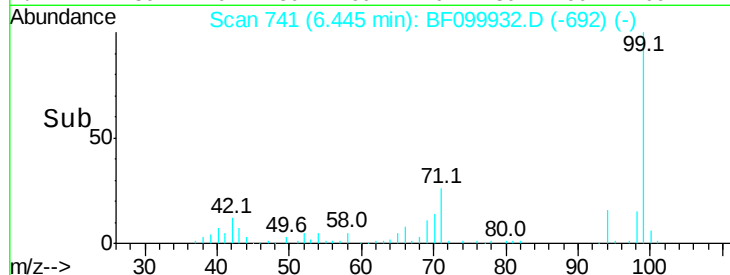
100000

50000

0

6.40 6.45 6.50 6.55

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 12.337 ng

RT: 7.36 min Scan# 896

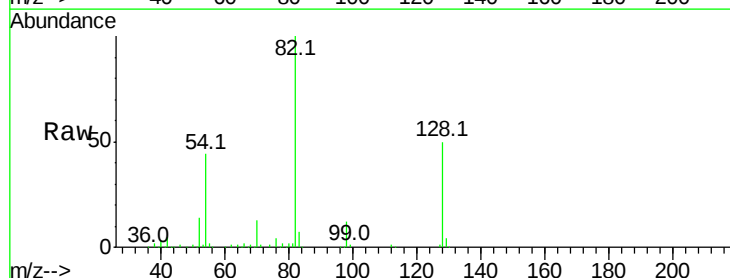
Delta R.T. 0.15 min

Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

Tgt Ion: 70 Resp: 53165

Ion	Ratio	Lower	Upper
70	100		
42	37.5	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): BF0

Ion 130.00 (129.70 to 130.70): BF0

80000

60000

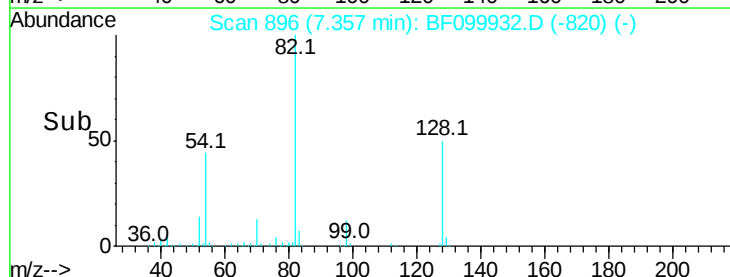
40000

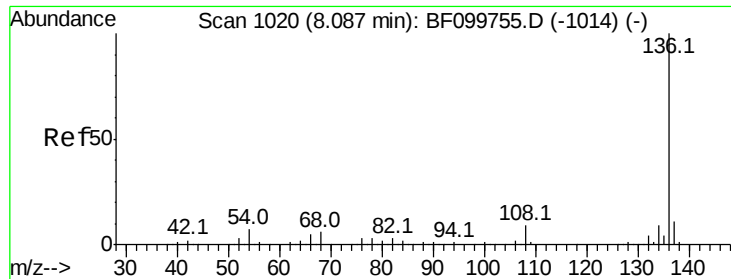
20000

0

7.30 7.35 7.40

Time-->

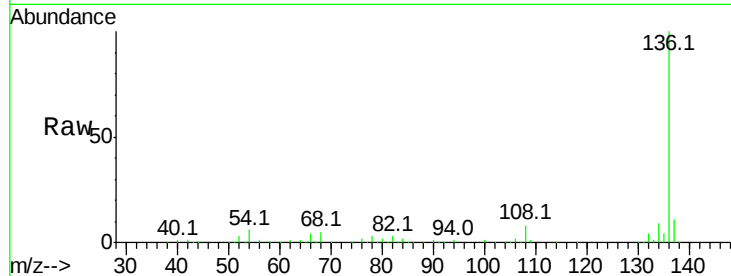




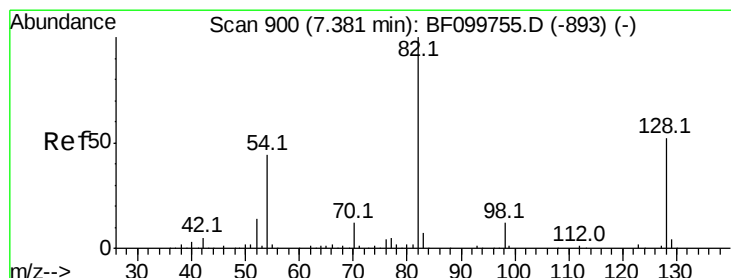
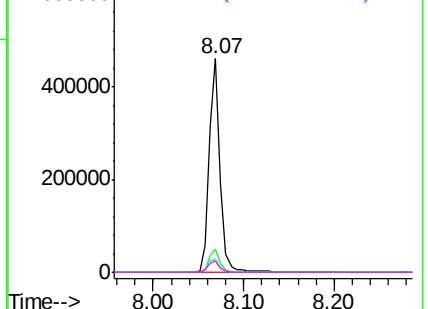
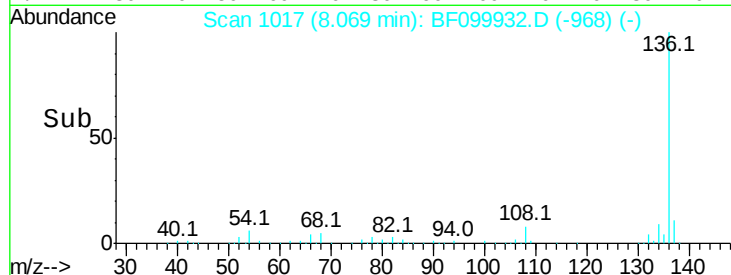
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099932.D
Acq: 28 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	389624
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.0	6.6	9.8#
68	5.2	5.0	7.4

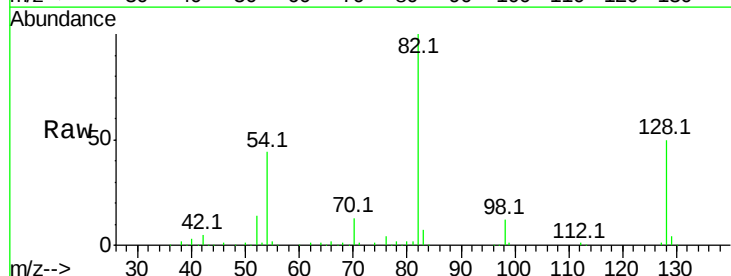


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

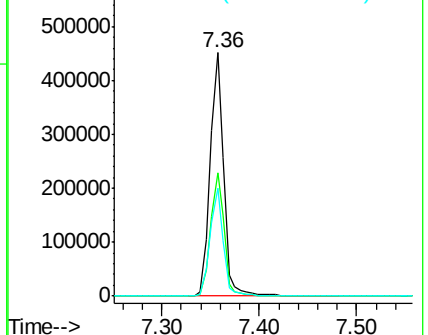
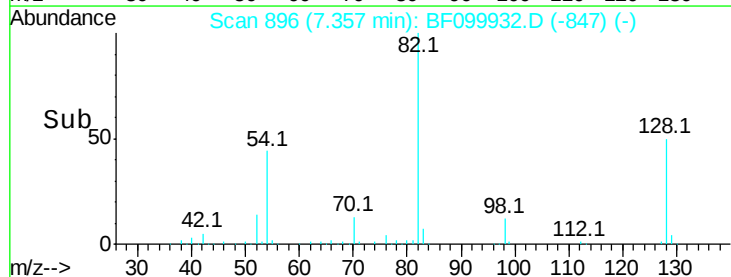


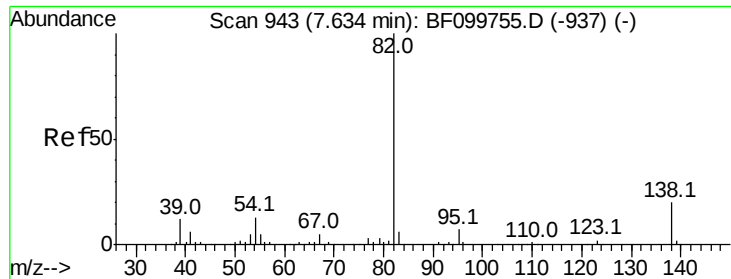
#23
Nitrobenzene-d5
Concen: 71.788 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099932.D
Acq: 28 Oct 2017 22:09

Tgt Ion:	82	Resp:	434455
Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	44.2	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: 39.562 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

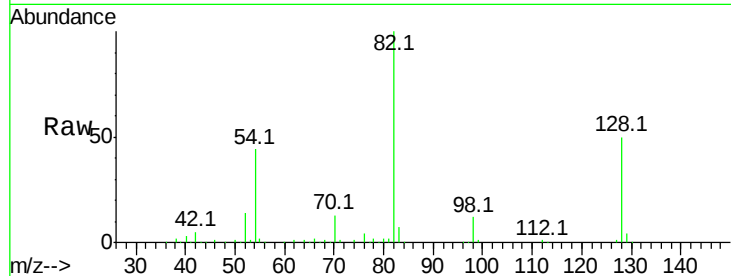
Tot Ion: 82 Resp: 434455

Ion Ratio Lower Upper

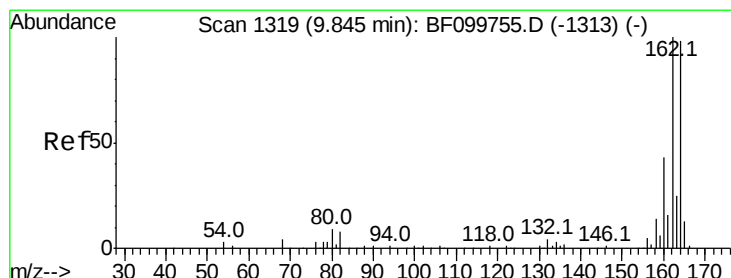
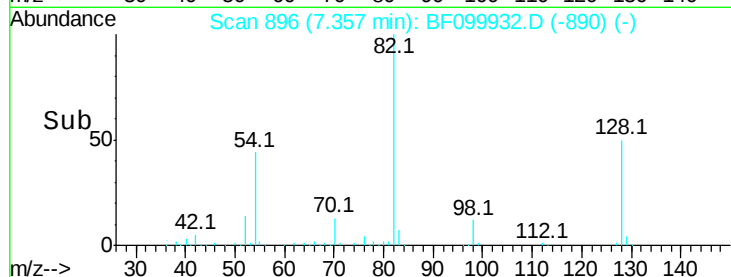
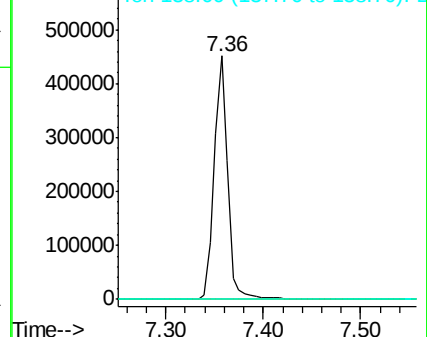
82 100

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: BF099932.D

Acq: 28 Oct 2017 22:09

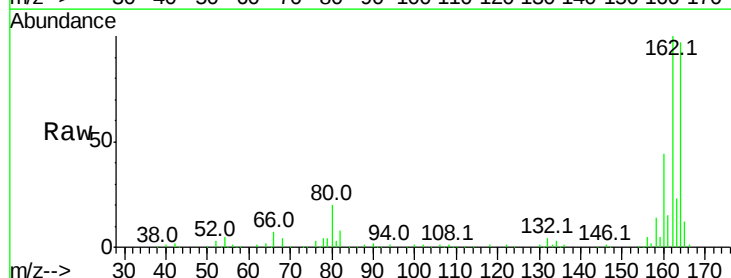
Tgt Ion:164 Resp: 160131

Ion Ratio Lower Upper

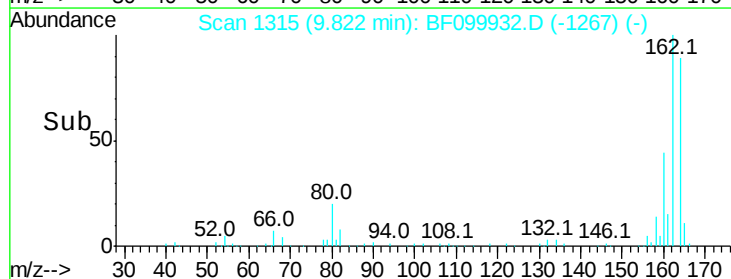
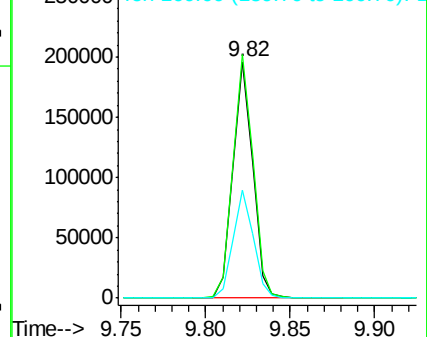
164 100

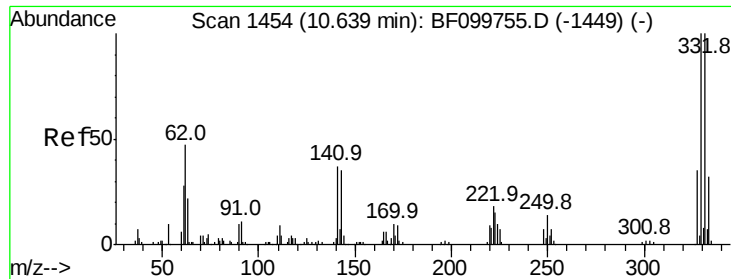
162 103.0 86.1 129.1

160 45.6 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

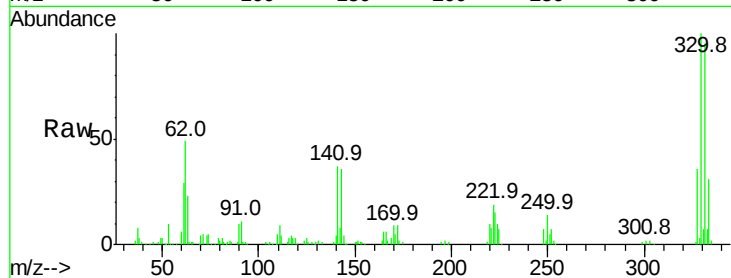




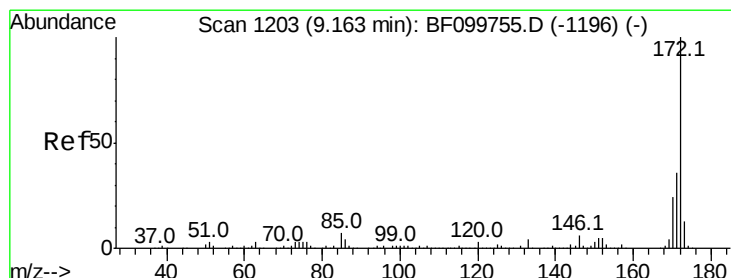
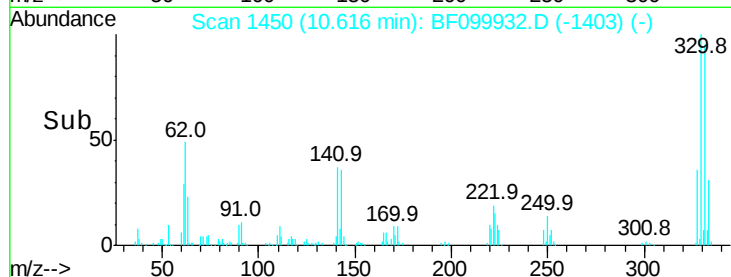
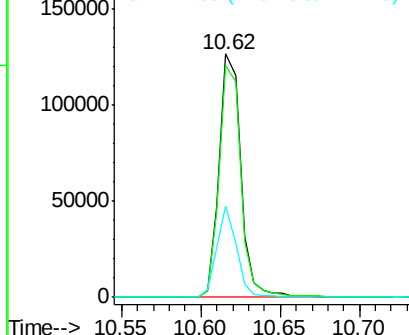
#41
 2,4,6-Tribromophenol
 Concen: 82.965 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099932.D
 Acq: 28 Oct 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.1	29.9	44.9

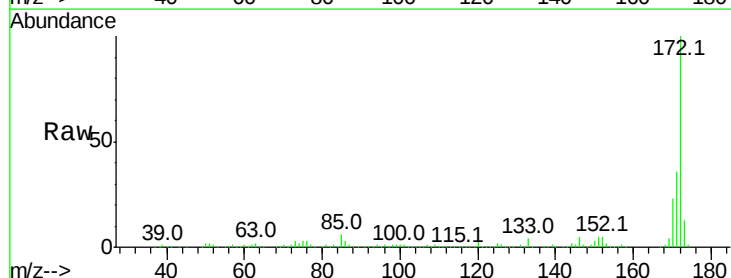


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

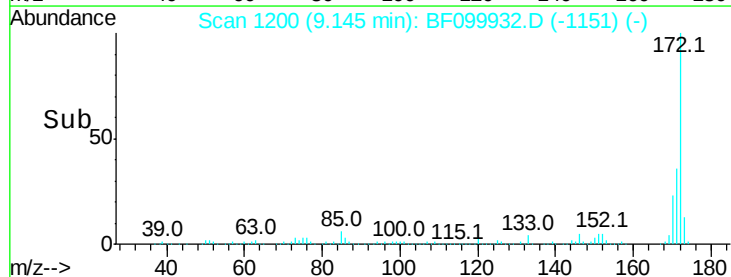
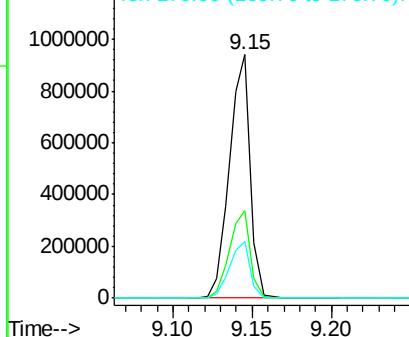


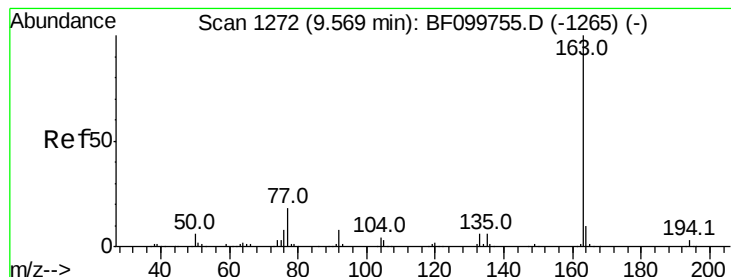
#44
 2-Fluorobiphenyl
 Concen: 82.037 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099932.D
 Acq: 28 Oct 2017 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	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: 11.312 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

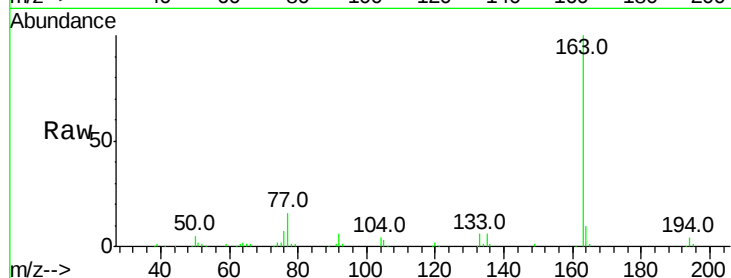
Tot Ion:163 Resp: 143452

Ion Ratio Lower Upper

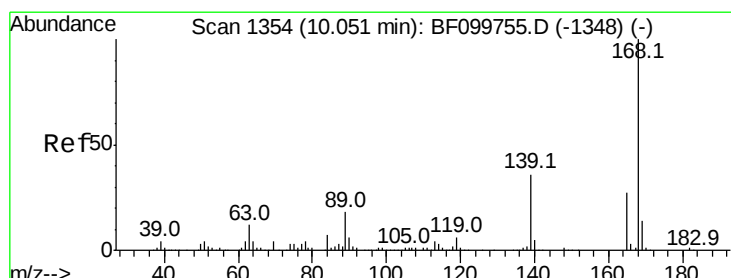
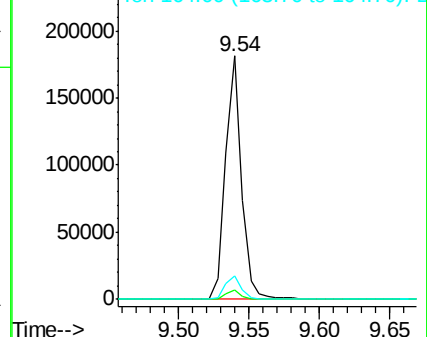
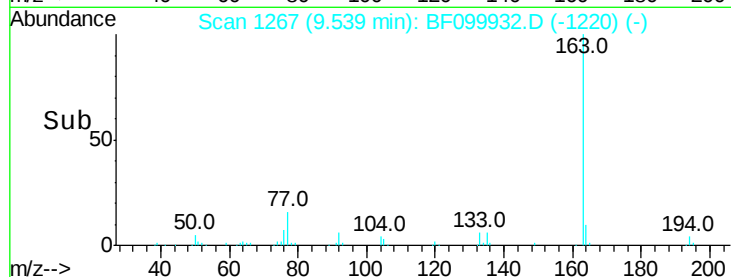
163 100

194 3.7 2.7 4.1

164 9.5 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: 6.234 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.23 min

Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

Tgt Ion:165 Resp: 20015

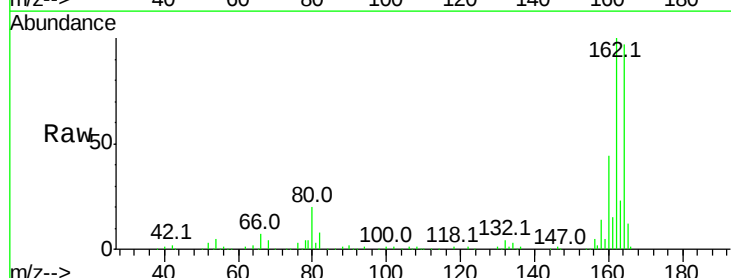
Ion Ratio Lower Upper

165 100

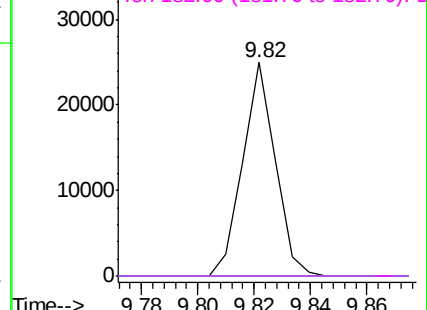
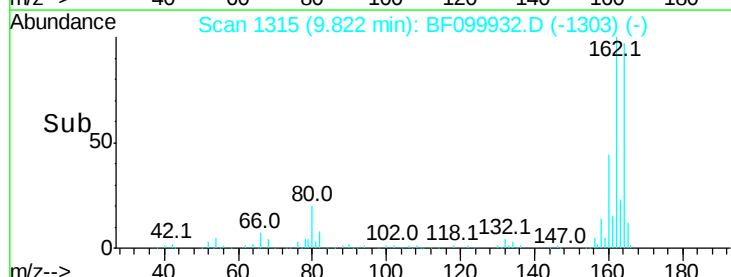
63 0.0 36.4 54.6#

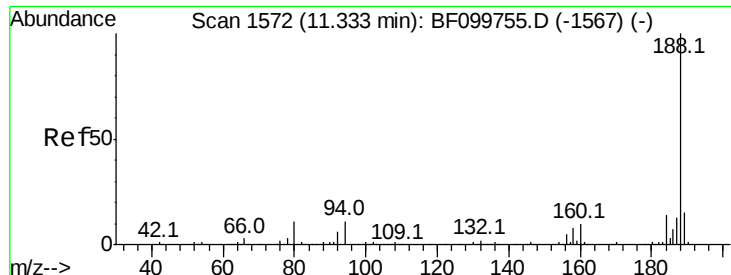
89 0.0 57.8 86.6#

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

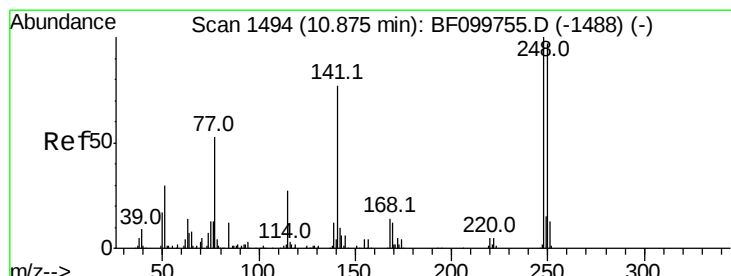
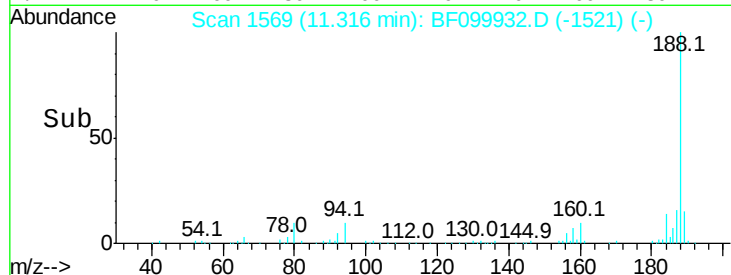
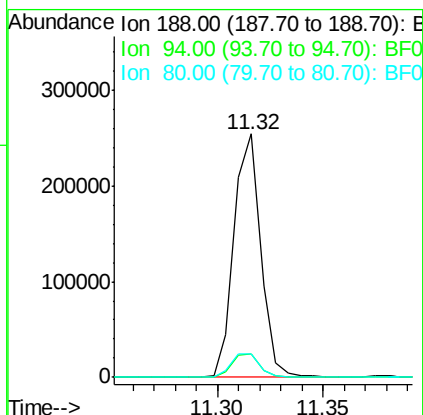
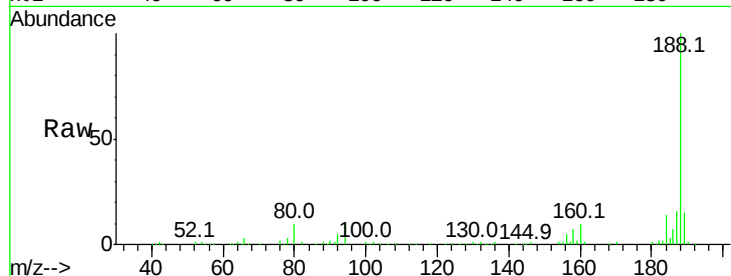




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099932.D
Acq: 28 Oct 2017 22:09

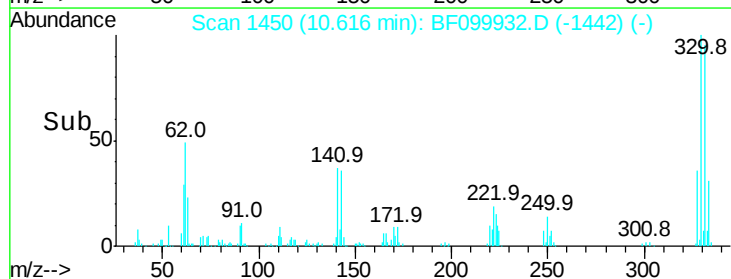
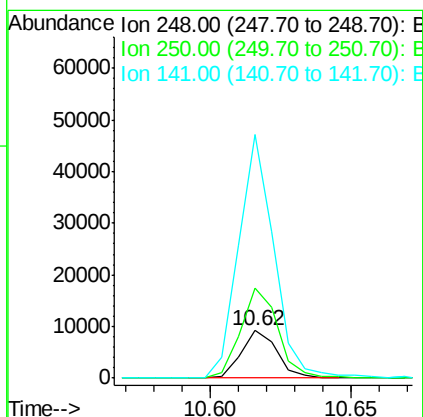
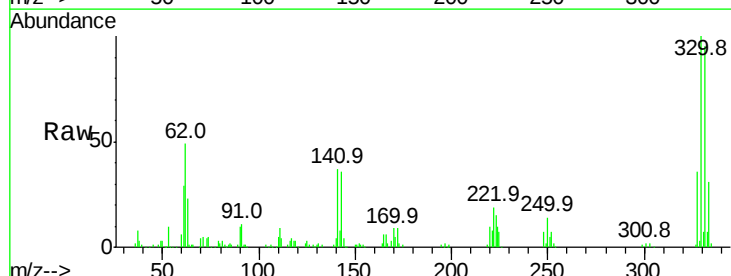
Instrument :
BNA_F
ClientSampleId :

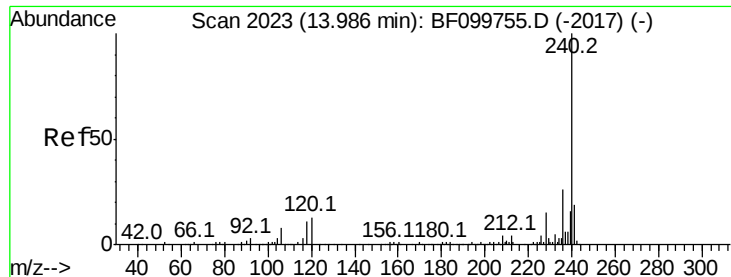
Tot Ion:188 Resp: 222635
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099932.D
Acq: 28 Oct 2017 22:09

Tgt Ion:248 Resp: 7982
Ion Ratio Lower Upper
248 100
250 189.8 76.9 115.3#
141 514.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

Instrument :

BNA_F

ClientSampled :

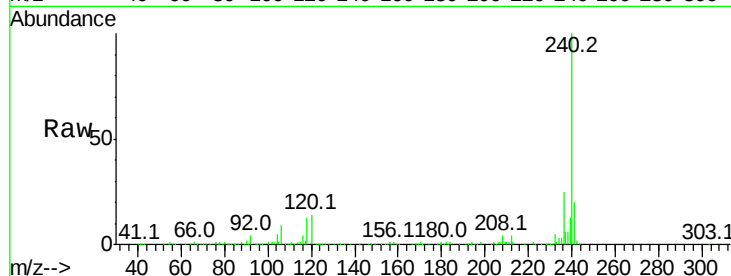
Tot Ion:240 Resp: 173142

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

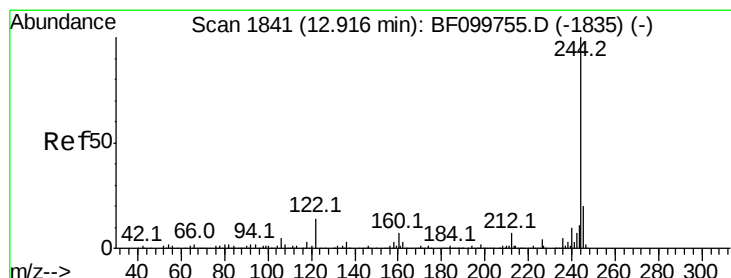
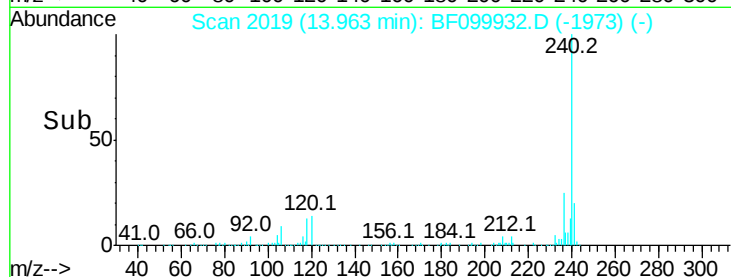
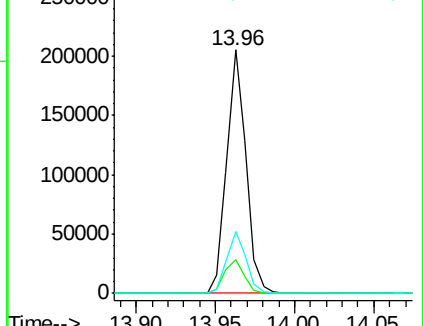
236 25.4 20.7 31.1



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: 65.224 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099932.D

Acq: 28 Oct 2017 22:09

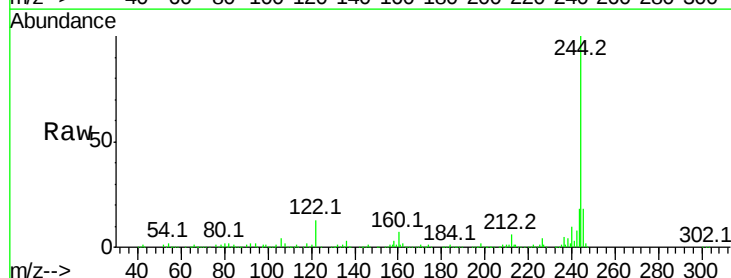
Tgt Ion:244 Resp: 516756

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

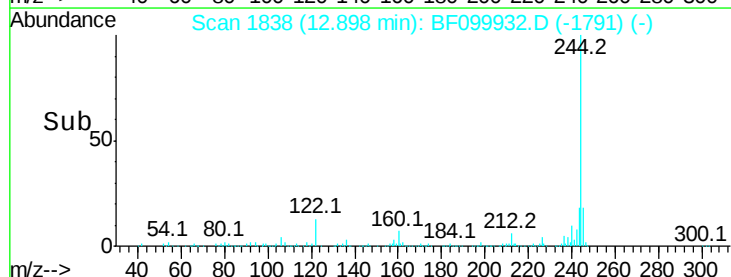
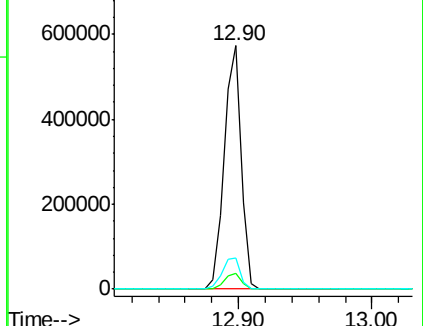
122 12.7 11.0 16.4

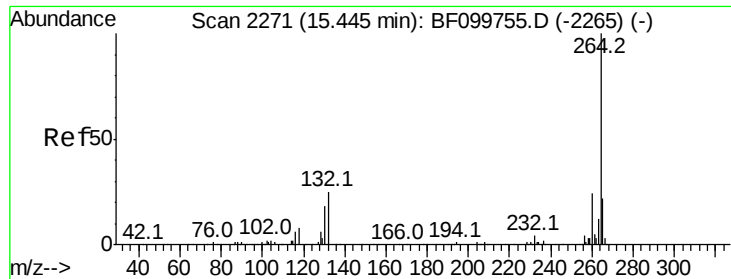


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

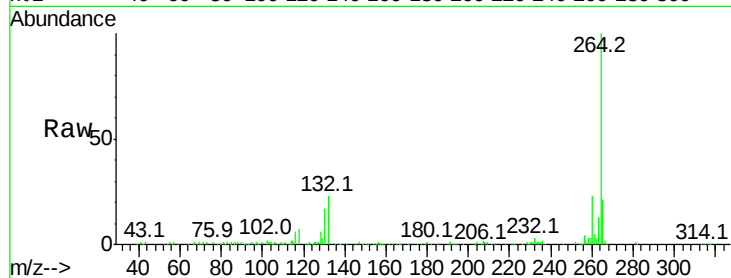




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.03 min
 Lab File: BF099932.D
 Acq: 28 Oct 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	166871
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	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

