

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099872.D
 Acq On : 26 Oct 2017 20:43
 Operator : SJ/JU
 Sample : I6111-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 01:46:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

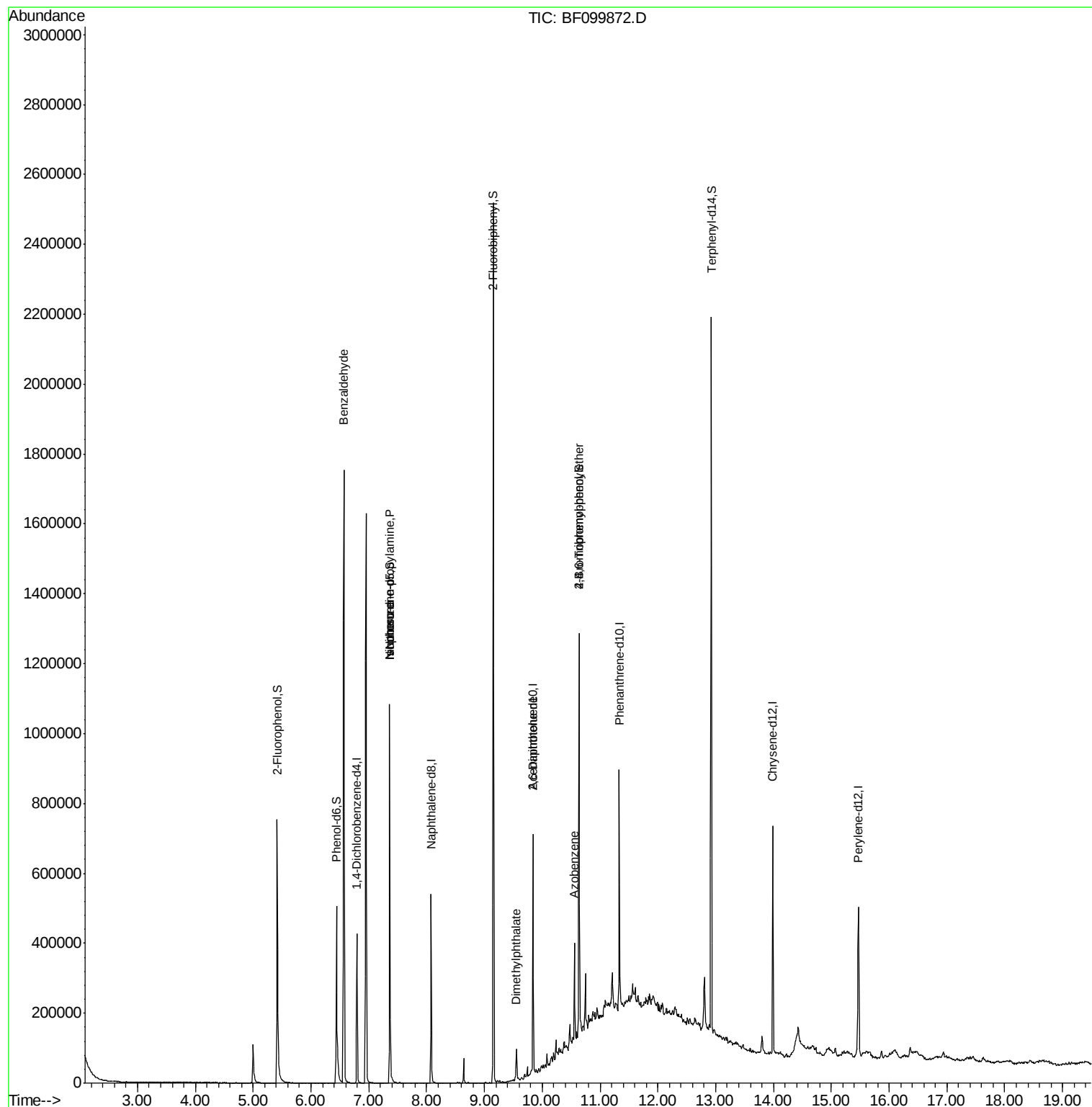
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	67345	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	279252	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	127064	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	225455	20.00	ng	0.00
75) Chrysene-d12	13.99	240	206222	20.00	ng	0.00
86) Perylene-d12	15.47	264	192313	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	322646	75.22	ng	0.01
7) Phenol-d6	6.44	99	252357	49.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	388010	89.45	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	153439	132.51	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	779153	94.61	ng	0.00
78) Terphenyl-d14	12.92	244	755240	80.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	8964	2.95	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.36	70	48435	16.25	ng	# 72
25) Isophorone	7.36	82	388007	49.30	ng	# 64
49) Dimethylphthalate	9.56	163	37587	3.74	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	17432	8.24	ng	# 24
62) Azobenzene	10.56	77	47721	5.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9739	4.10	ng	# 1

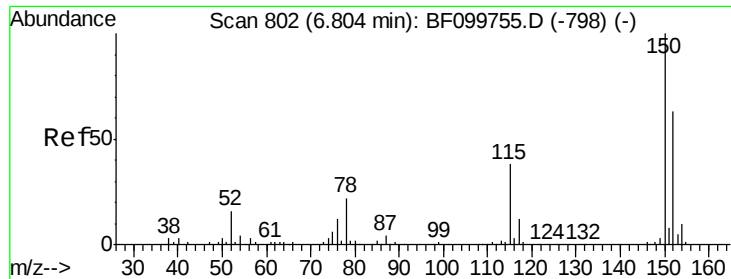
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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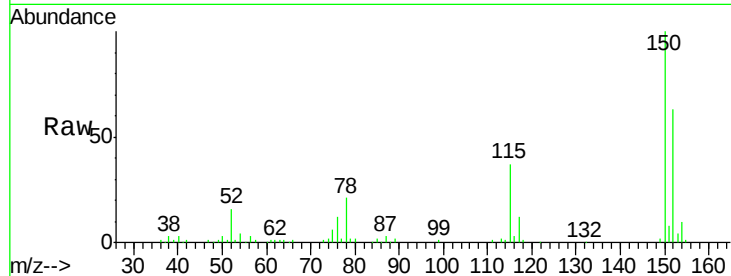


#1

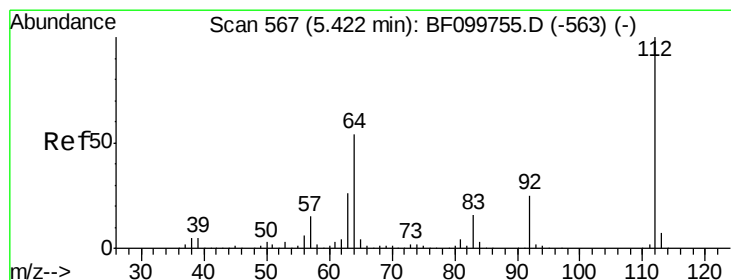
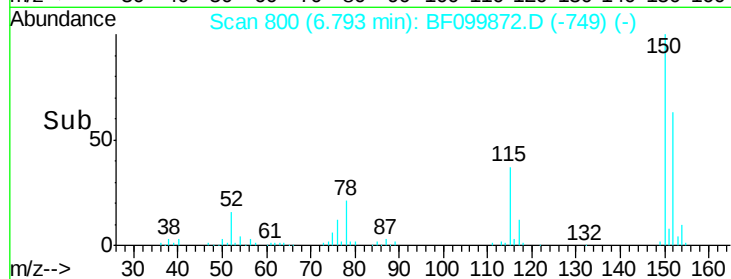
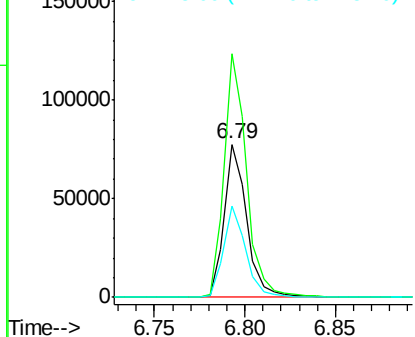
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67345
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 59.4 50.1 75.1



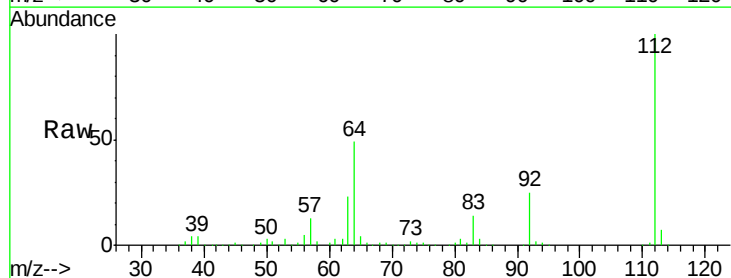
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



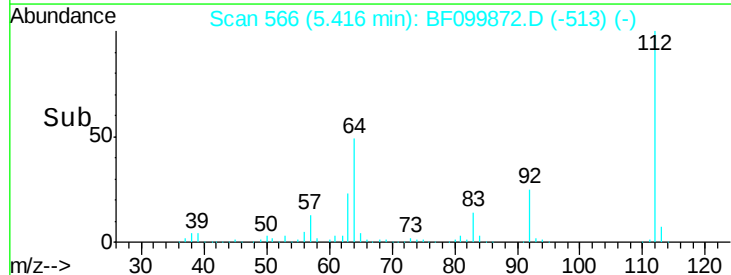
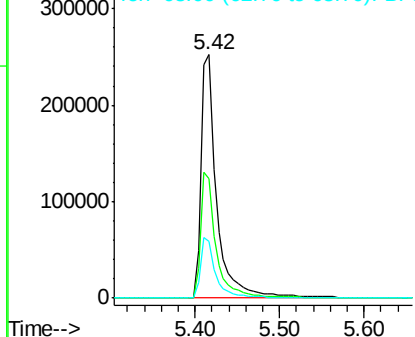
#5

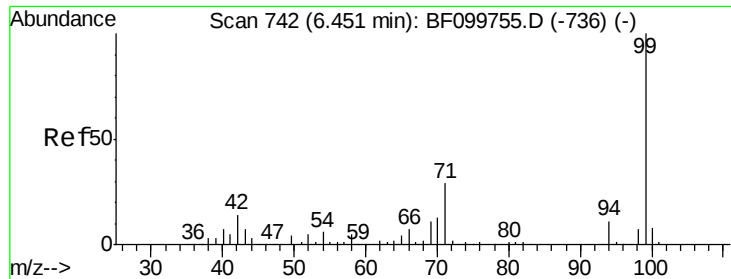
2-Fluorophenol
Concen: 75.22 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

Tgt Ion:112 Resp: 322646
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 23.4 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: 49.62 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099872.D

Acq: 26 Oct 2017 20:43

Instrument :

BNA_F

ClientSampled :

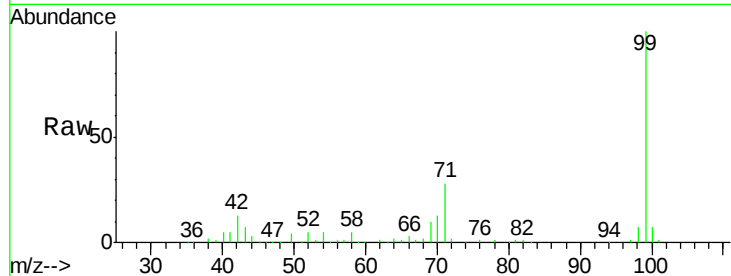
Tot Ion: 99 Resp: 252357

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

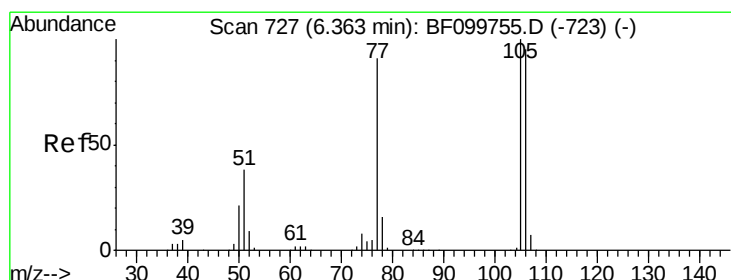
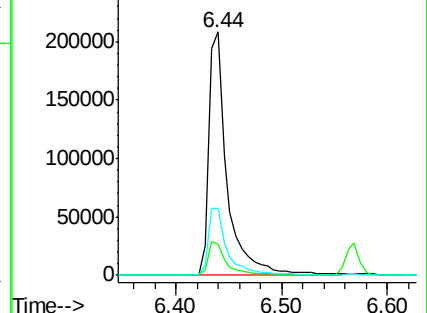
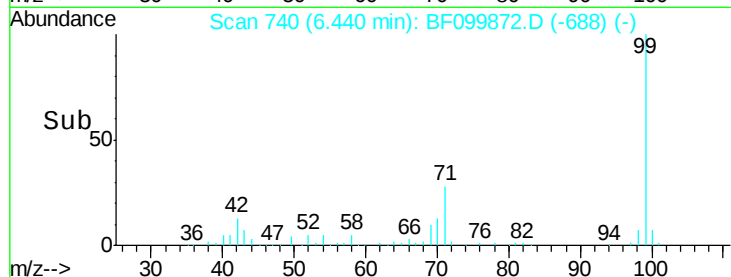
71 27.6 25.4 38.0



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: 2.95 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.22 min

Lab File: BF099872.D

Acq: 26 Oct 2017 20:43

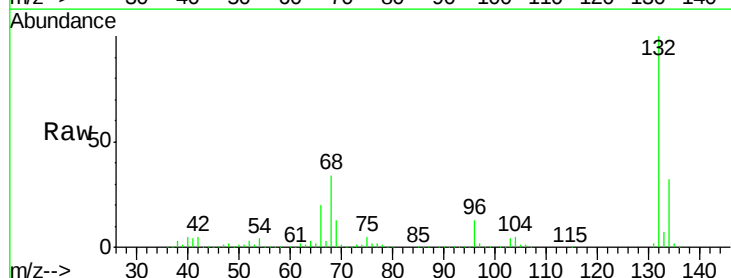
Tgt Ion: 77 Resp: 8964

Ion Ratio Lower Upper

77 100

105 93.5 81.1 121.1

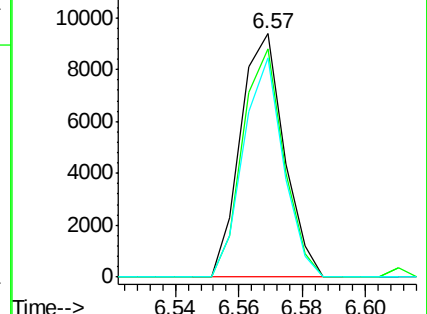
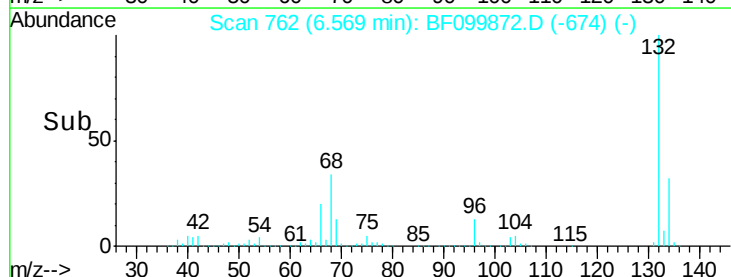
106 90.3 74.5 114.5

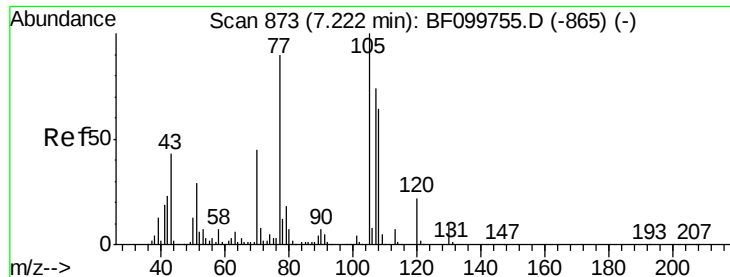


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

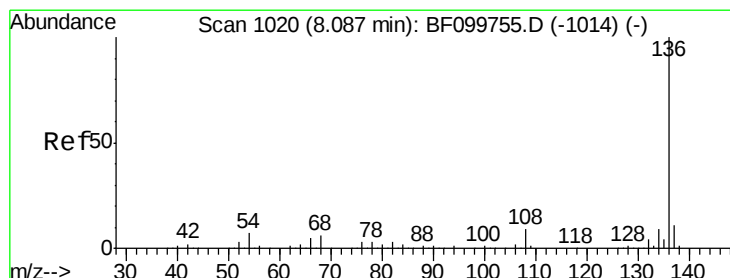
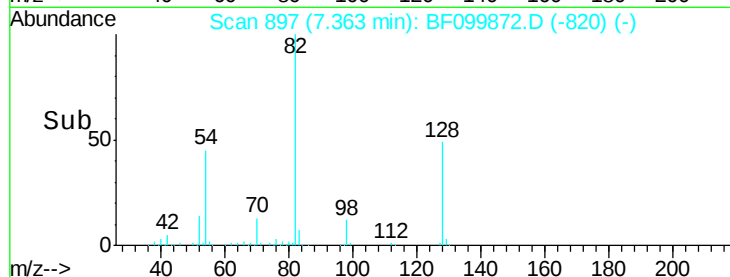
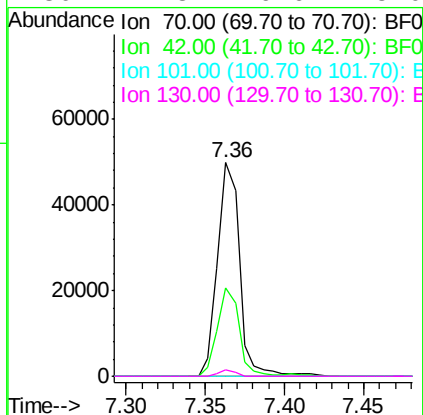
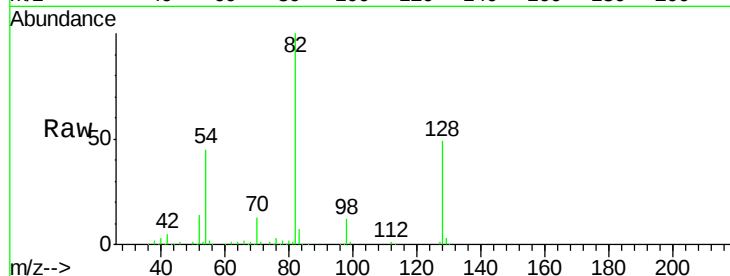




#19
n-Nitroso-di-n-propylamine
Concen: 16.25 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

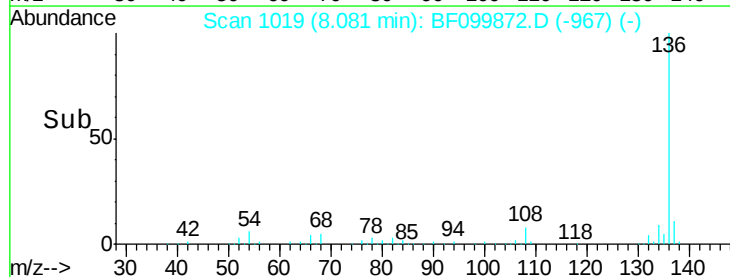
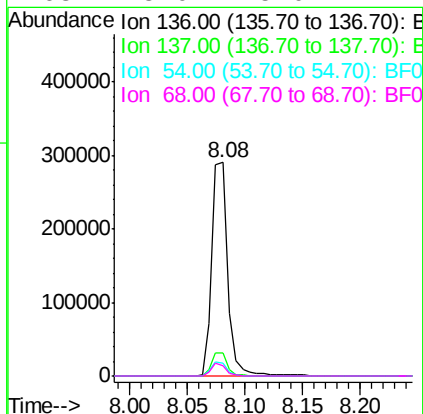
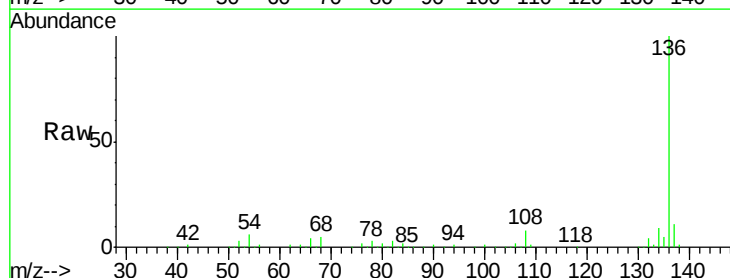
Instrument :
BNA_F
ClientSampleId :

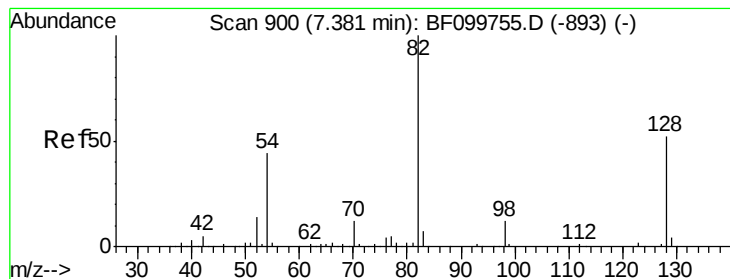
Tot Ion: 70 Resp: 48435
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

Tgt Ion:136 Resp: 279252
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 5.8 6.6 9.8#
68 5.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.45 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099872.D

Acq: 26 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

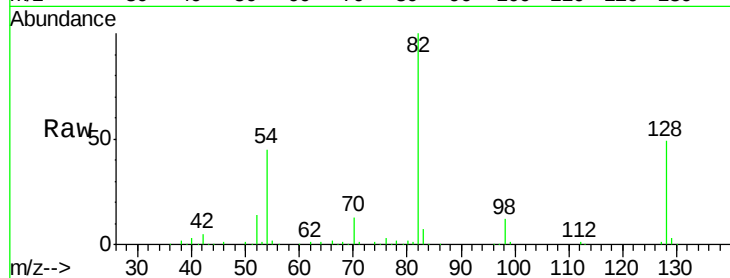
Tot Ion: 82 Resp: 388010

Ion Ratio Lower Upper

82 100

128 49.1 36.1 54.1

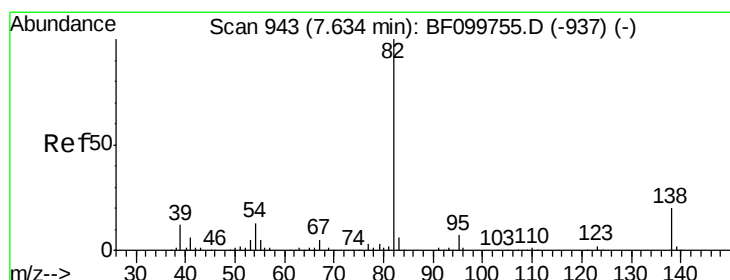
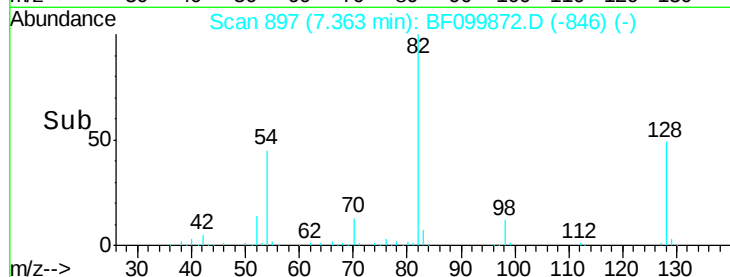
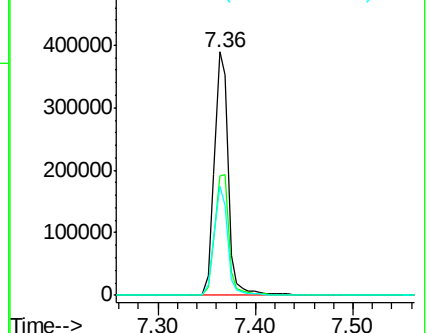
54 44.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 49.30 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF099872.D

Acq: 26 Oct 2017 20:43

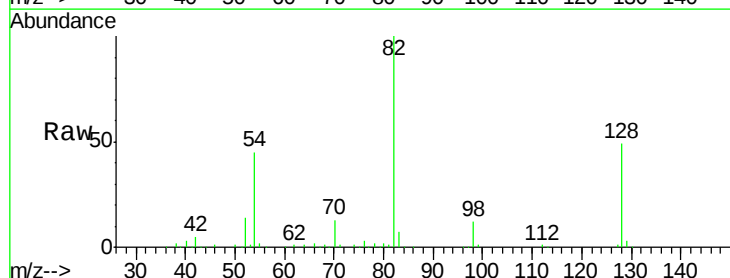
Tgt Ion: 82 Resp: 388007

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

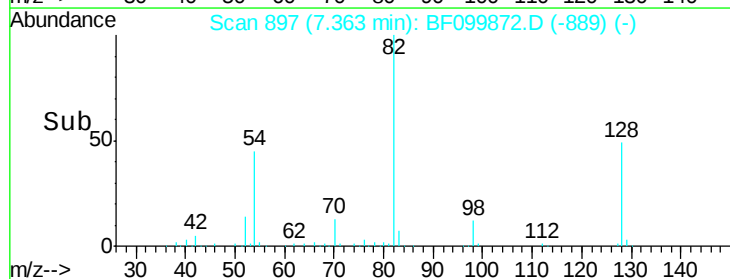
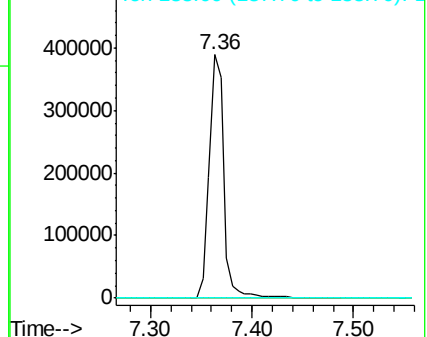
138 0.0 14.9 22.3#

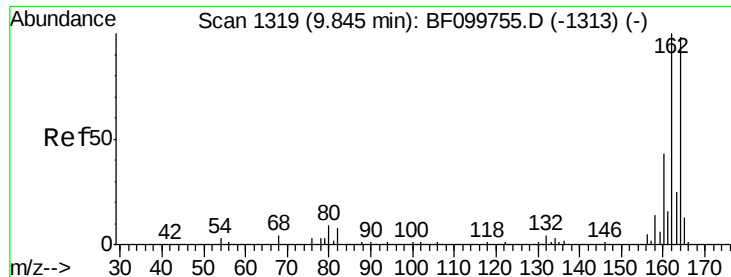


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099872.D

Acq: 26 Oct 2017 20:43

Instrument :

BNA_F

ClientSampleId :

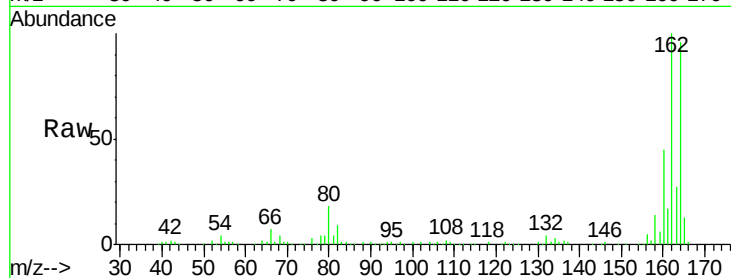
Tot Ion:164 Resp: 127064

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

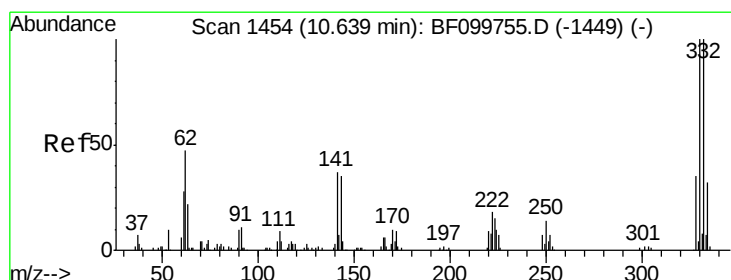
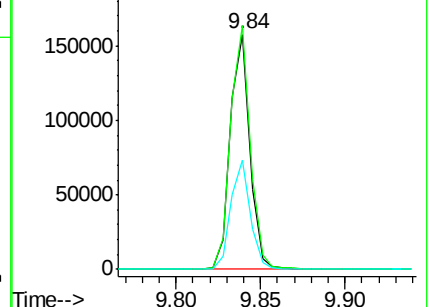
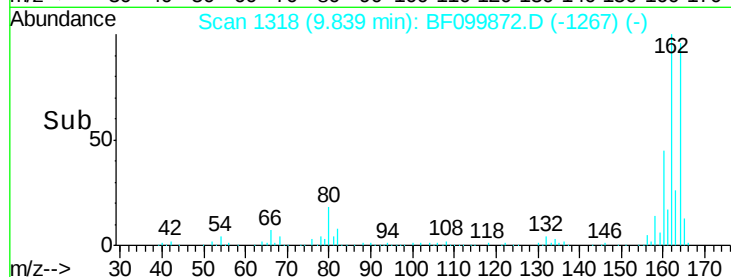
160 46.5 38.3 57.5



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: 132.51 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF099872.D

Acq: 26 Oct 2017 20:43

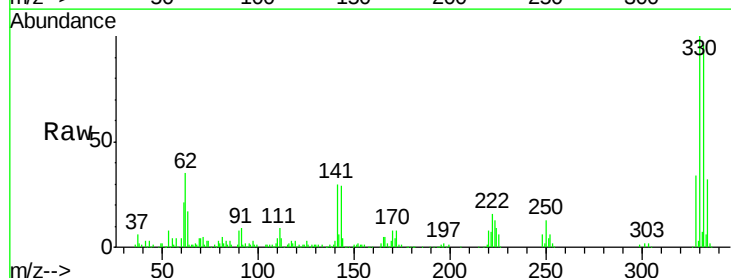
Tgt Ion:330 Resp: 153439

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

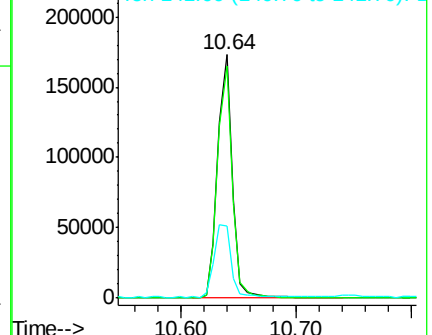
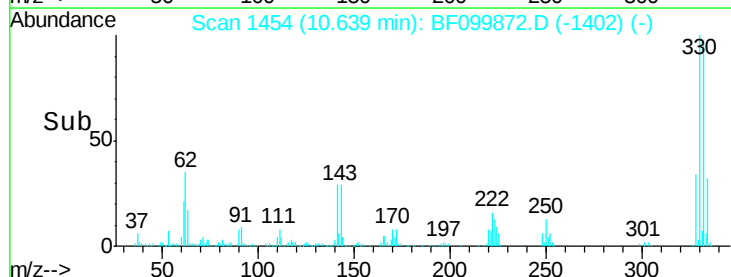
141 35.1 29.9 44.9

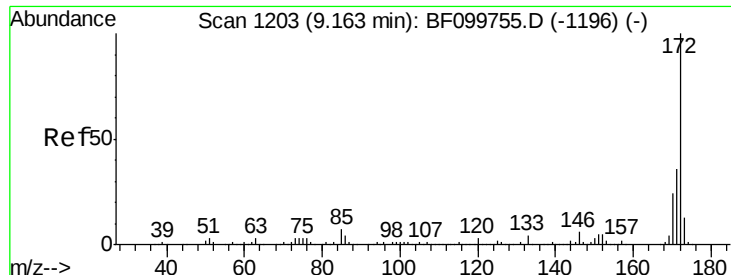


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

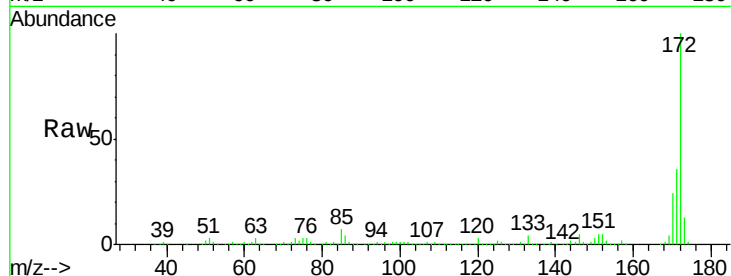




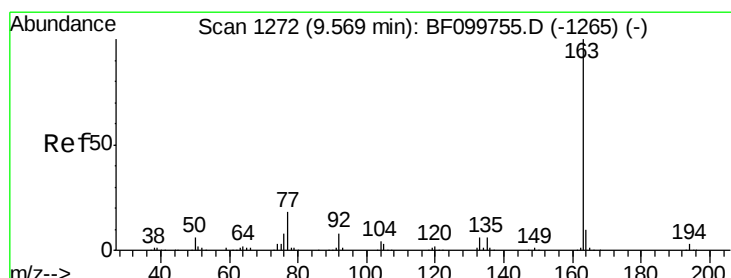
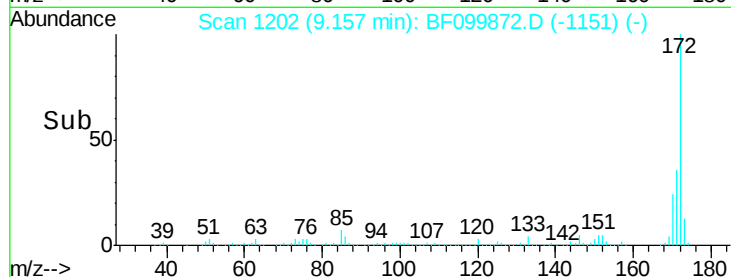
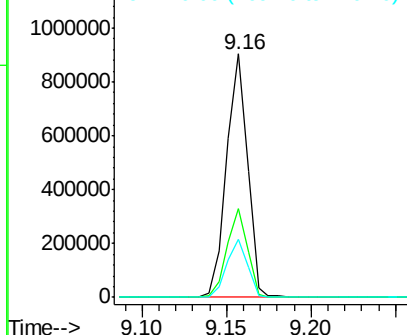
#44
2-Fluorobiphenyl
Concen: 94.61 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 779153
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.9 19.6 29.4

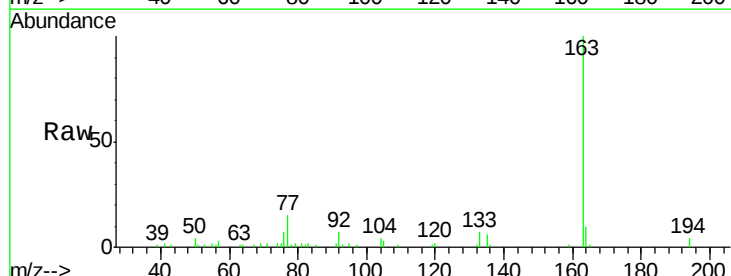


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

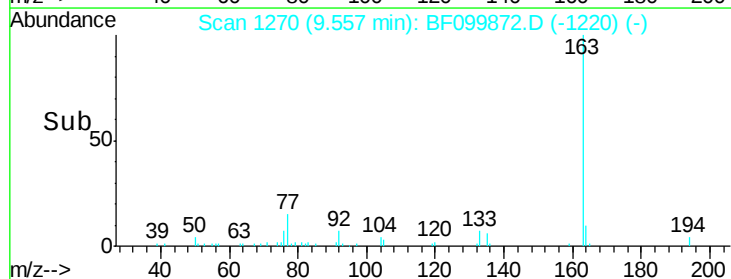
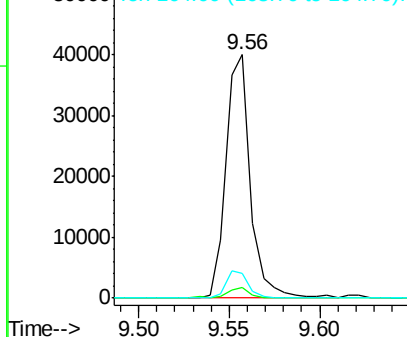


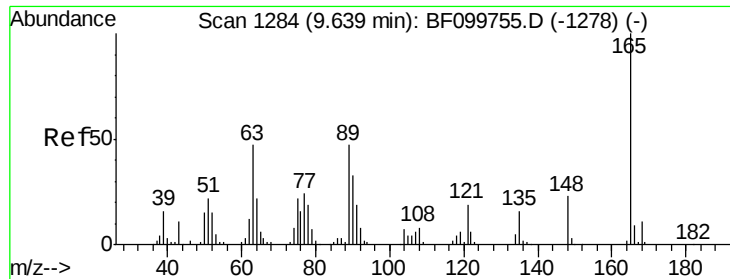
#49
Dimethylphthalate
Concen: 3.74 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

Tgt Ion:163 Resp: 37587
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.9 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

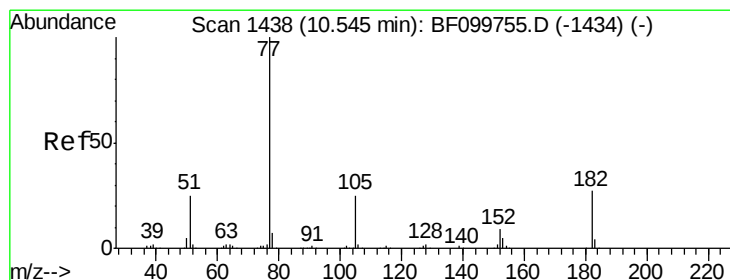
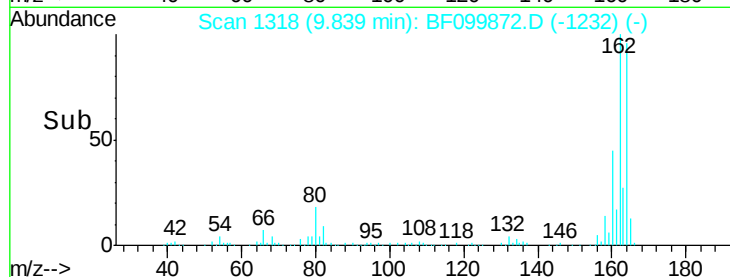
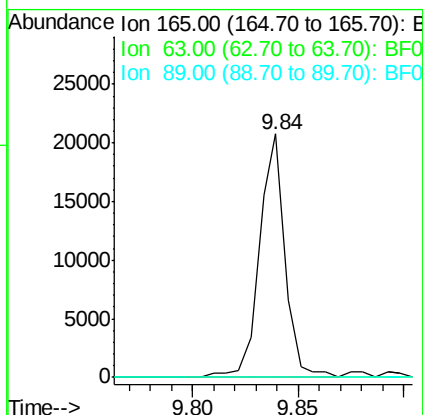
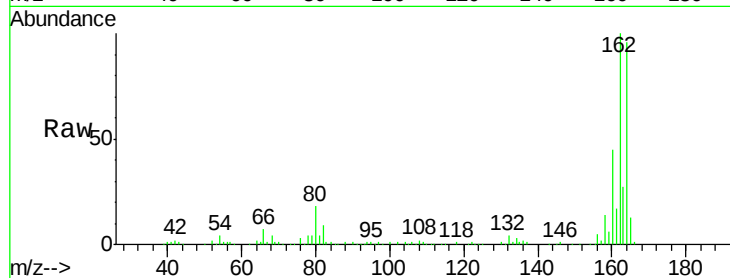




#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF099872.D
 Acq: 26 Oct 2017 20:43

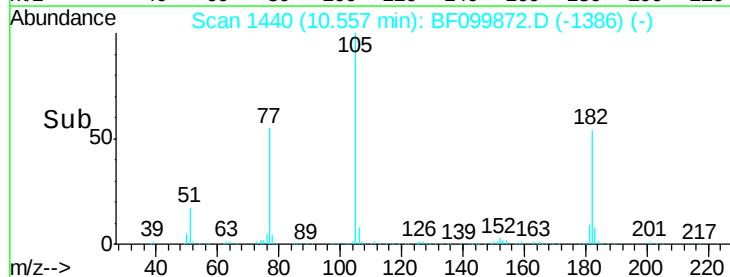
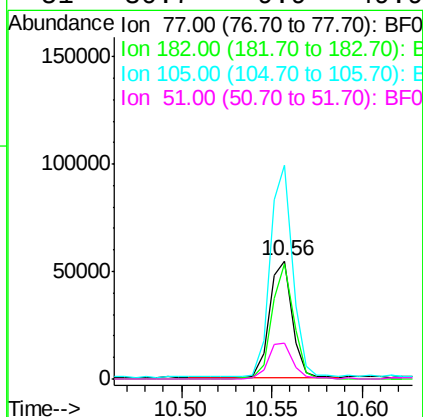
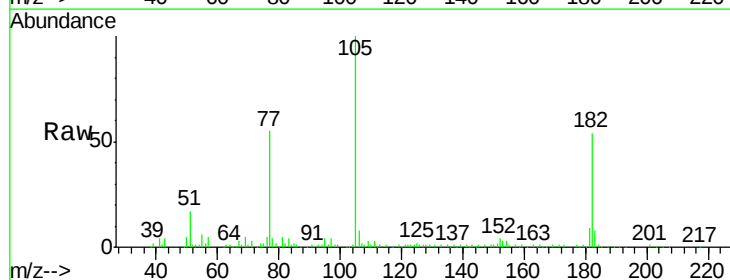
Instrument :
 BNA_F
 ClientSampleId :

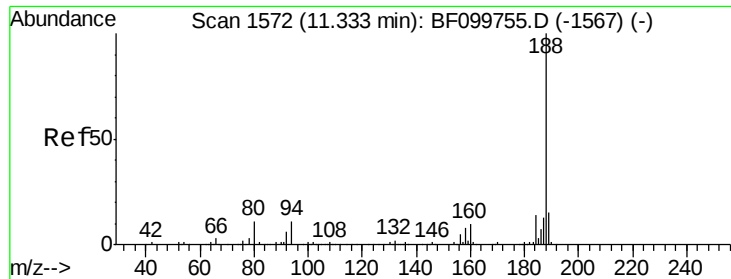
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#62
 Azobenzene
 Concen: 5.79 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.02 min
 Lab File: BF099872.D
 Acq: 26 Oct 2017 20:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	97.2	1.7	41.7#
105	180.8	3.0	43.0#
51	30.7	9.9	49.9

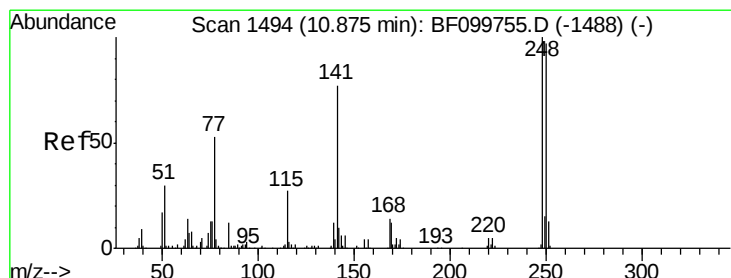
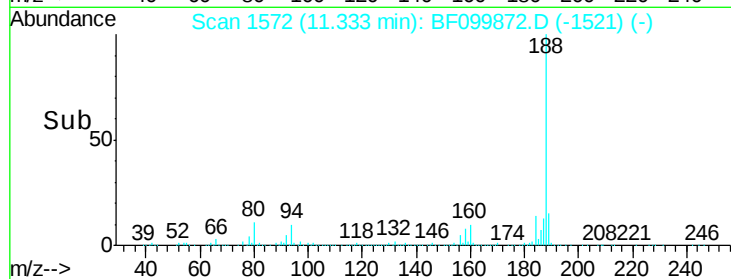
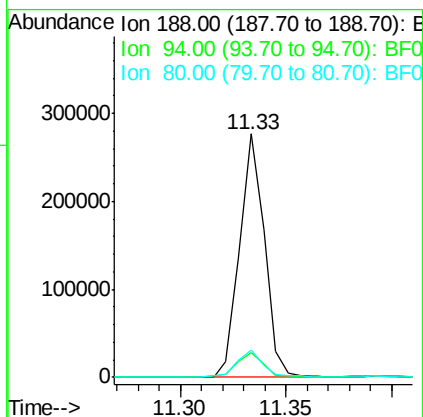
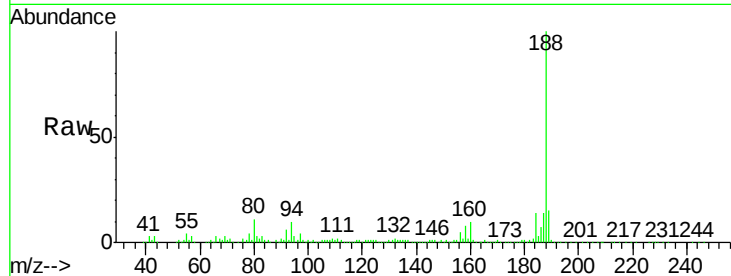




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

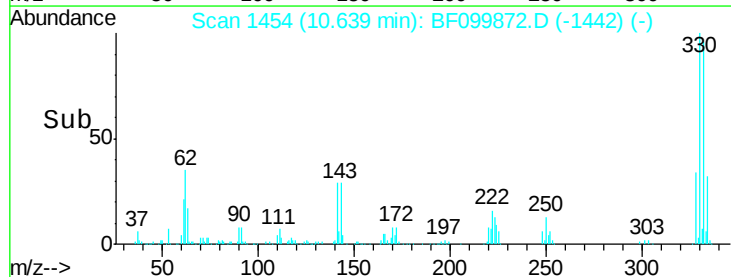
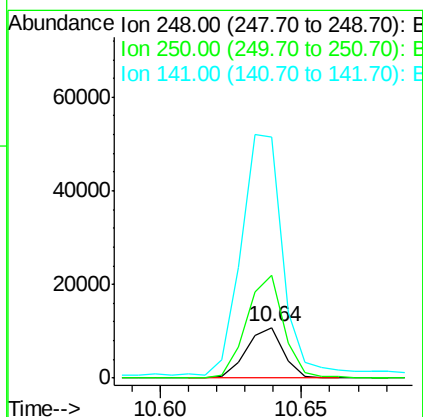
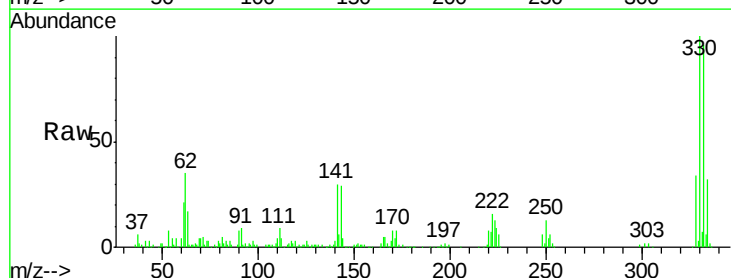
Instrument :
BNA_F
ClientSampleId :

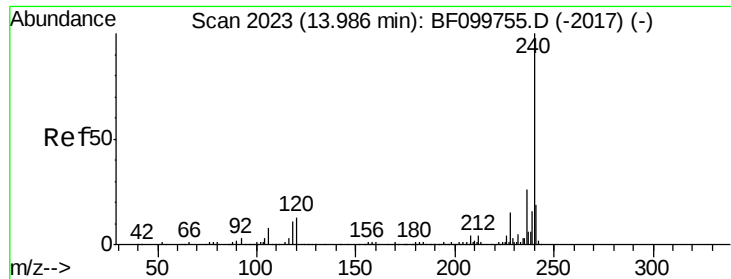
Tot Ion:188 Resp: 225455
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.23 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

Tgt Ion:248 Resp: 9739
Ion Ratio Lower Upper
248 100
250 204.0 76.9 115.3#
141 478.1 74.4 111.6#

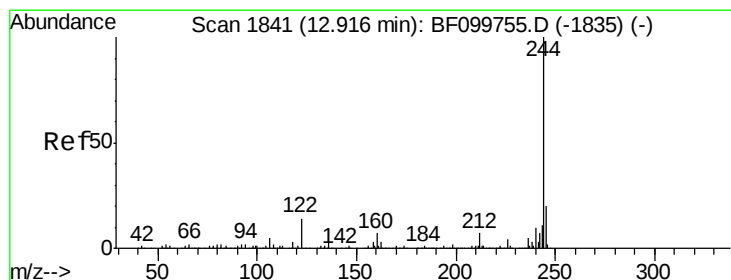
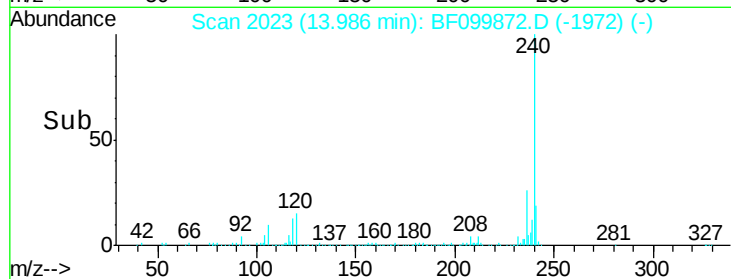
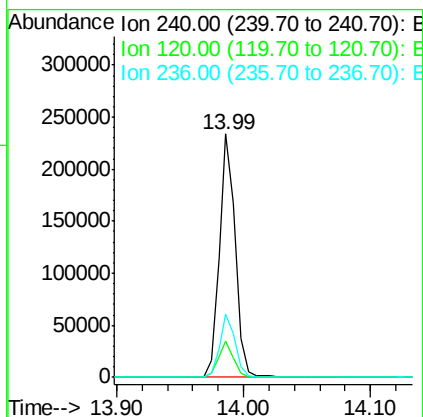
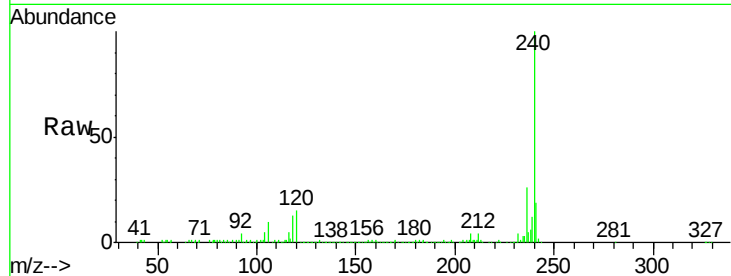




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

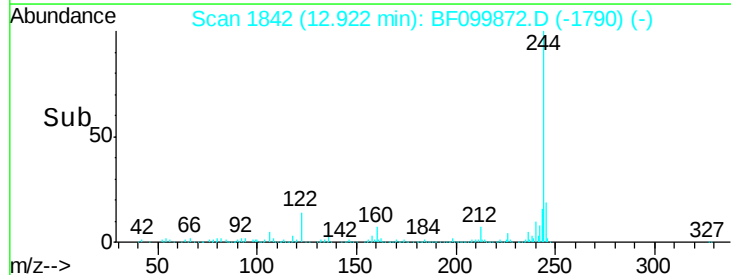
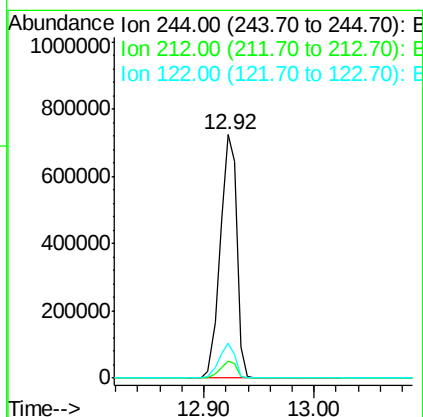
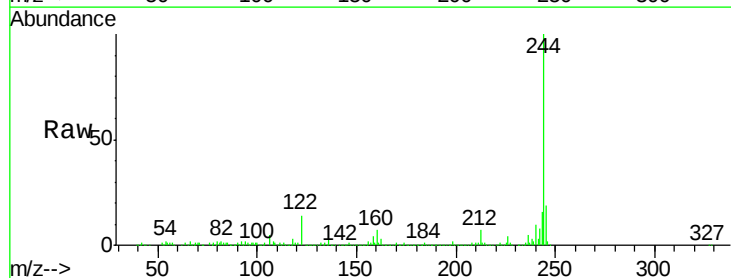
Instrument :
BNA_F
ClientSampleId :

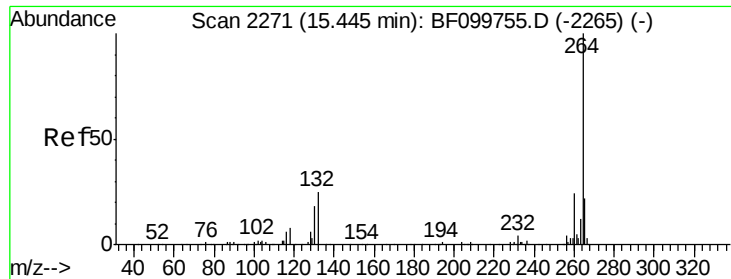
Tot Ion:240 Resp: 206222
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 25.8 20.7 31.1



#78
Terphenyl-d14
Concen: 80.03 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

Tgt Ion:244 Resp: 755240
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.3 11.0 16.4

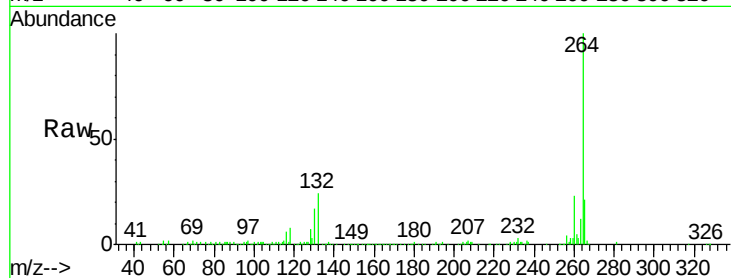




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099872.D
Acq: 26 Oct 2017 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.2	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

