

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099556.D
 Acq On : 16 Oct 2017 20:54
 Operator : SJ/JU
 Sample : I5782-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:29:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

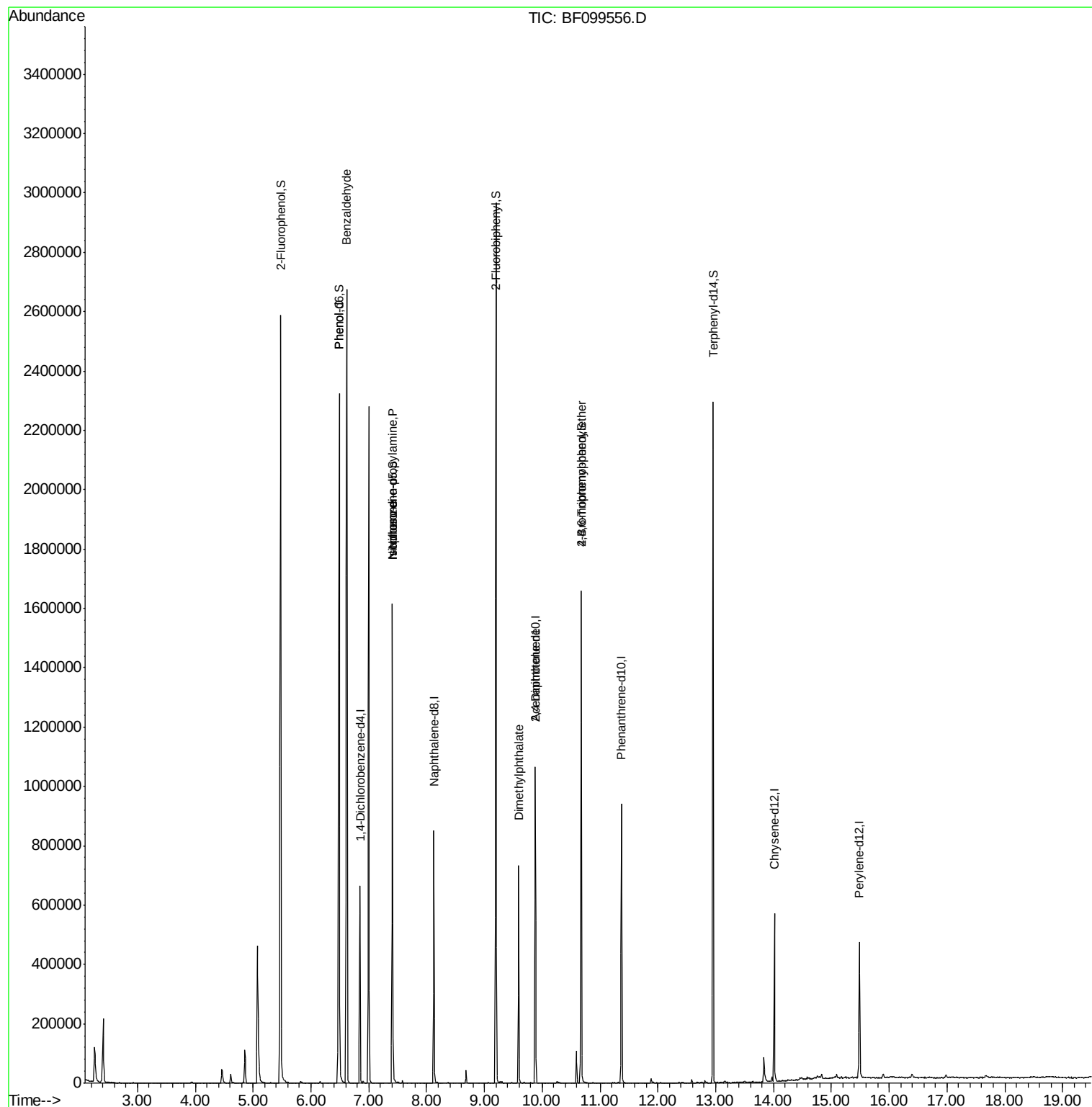
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103512	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	433206	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	191690	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	314218	20.00	ng	0.00
75) Chrysene-d12	14.02	240	190956	20.00	ng	0.00
86) Perylene-d12	15.49	264	197044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	843134	129.66	ng	0.00
7) Phenol-d6	6.49	99	1019497	127.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	621872	92.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	200381	127.75	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1085915	94.57	ng	0.00
78) Terphenyl-d14	12.96	244	776145	92.44	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	15693	3.37	ng	90
10) Phenol	6.49	94	76577	8.54	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	78311	15.29	ng	# 72
25) Isophorone	7.41	82	621866	44.53	ng	# 64
49) Dimethylphthalate	9.59	163	299917	20.73	ng	100
56) 2,4-Dinitrotoluene	9.88	165	24462	5.98	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	13187	4.29	ng	# 1

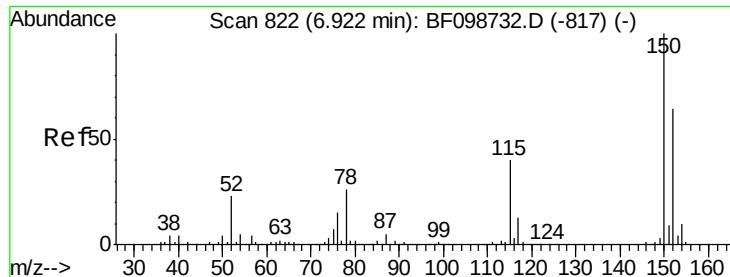
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099556.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5782-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 23:29:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



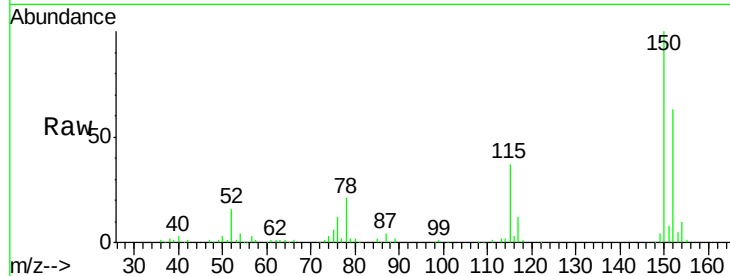


#1

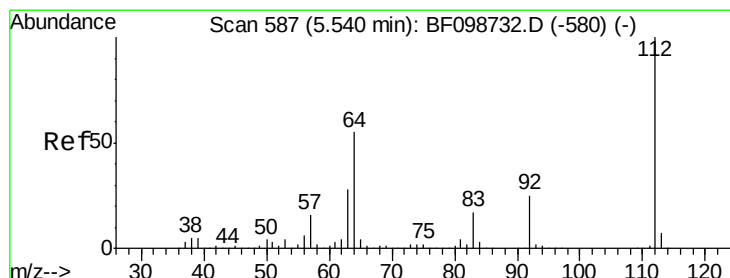
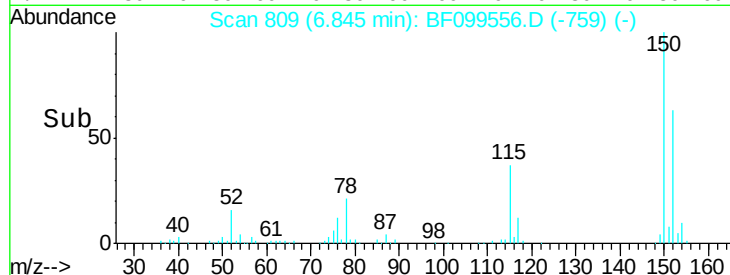
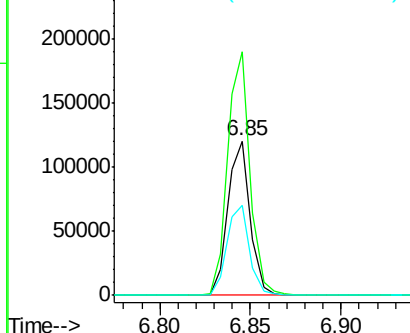
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103512
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 58.6 50.1 75.1



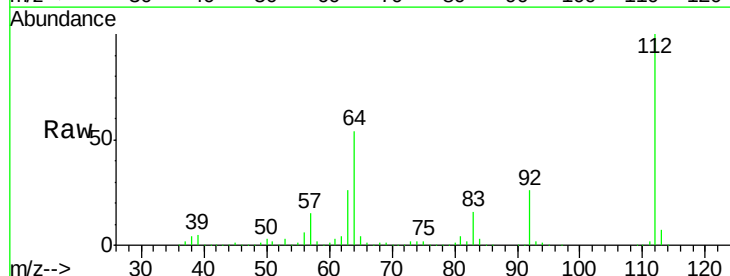
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



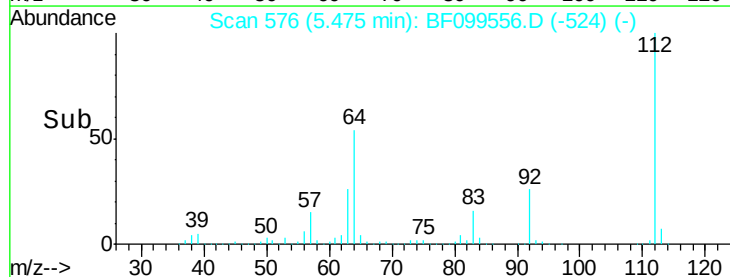
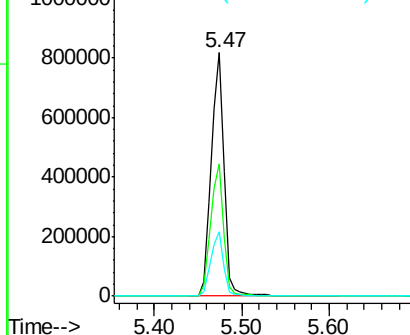
#5

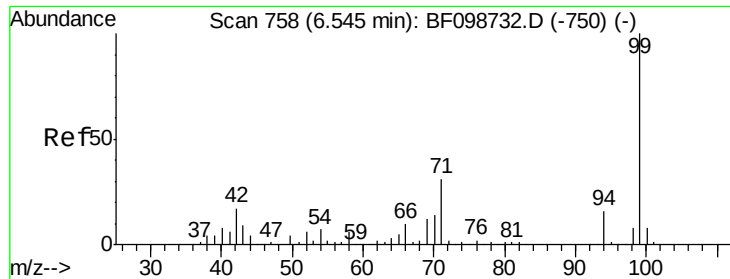
2-Fluorophenol
Concen: 129.66 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Tgt Ion:112 Resp: 843134
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 26.3 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: 127.10 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

Instrument :

BNA_F

ClientSampled :

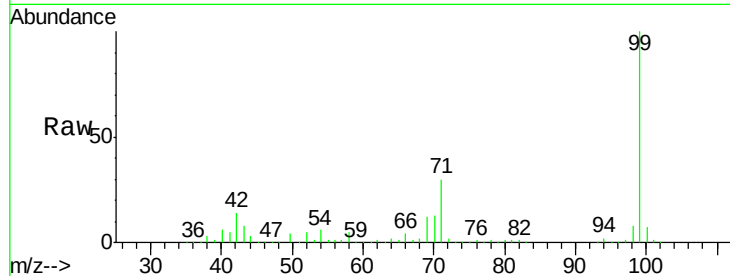
Tot Ion: 99 Resp: 1019497

Ion Ratio Lower Upper

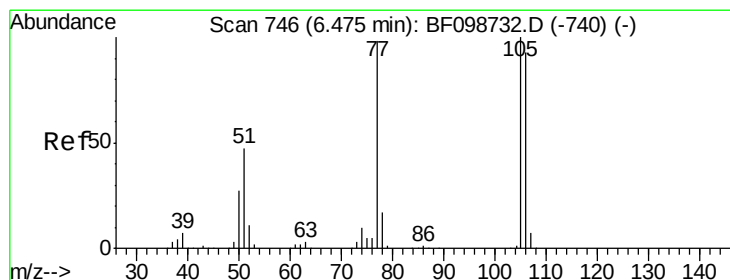
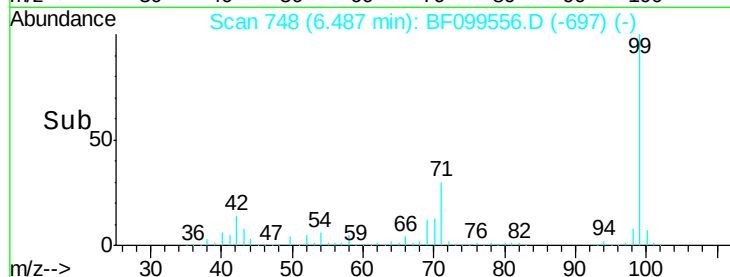
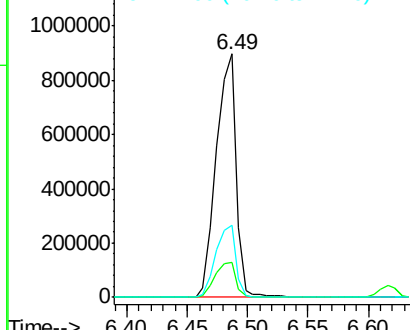
99 100

42 14.4 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: 3.37 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

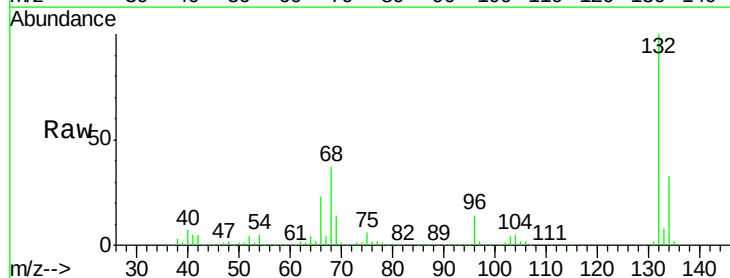
Tgt Ion: 77 Resp: 15693

Ion Ratio Lower Upper

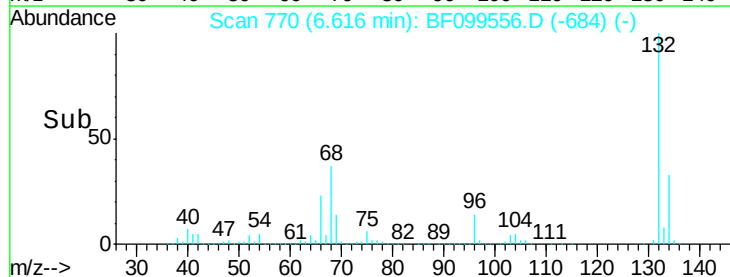
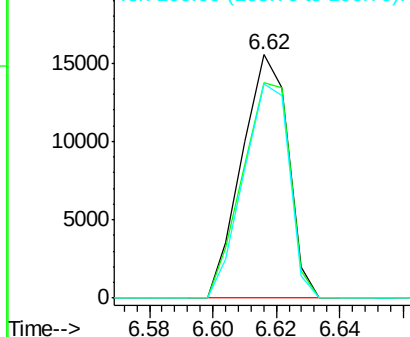
77 100

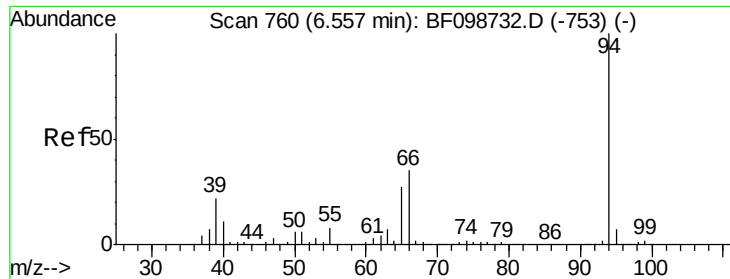
105 88.7 81.1 121.1

106 88.1 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: 8.54 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

Instrument :

BNA_F

ClientSampleId :

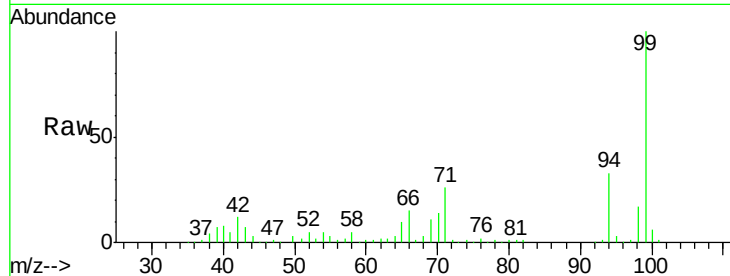
Tot Ion: 94 Resp: 76577

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

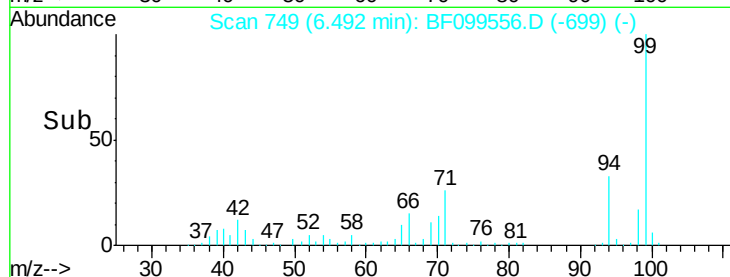
66 44.4 16.2 56.2



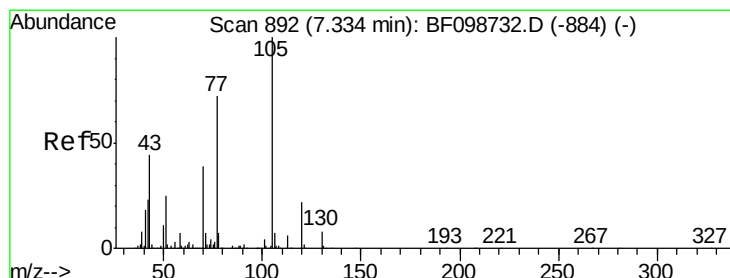
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.29 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

Tgt Ion: 70 Resp: 78311

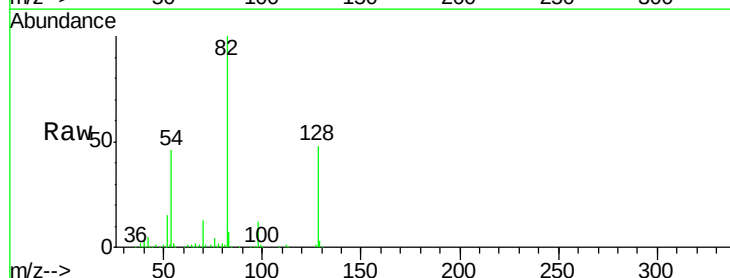
Ion Ratio Lower Upper

70 100

42 41.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

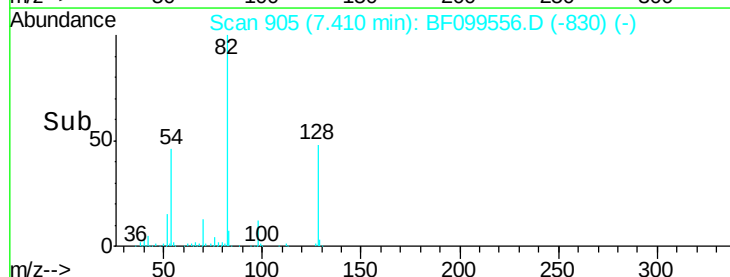


Abundance Ion 70.00 (69.70 to 70.70): BF0

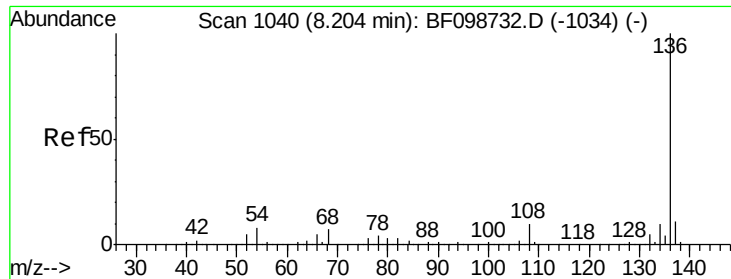
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



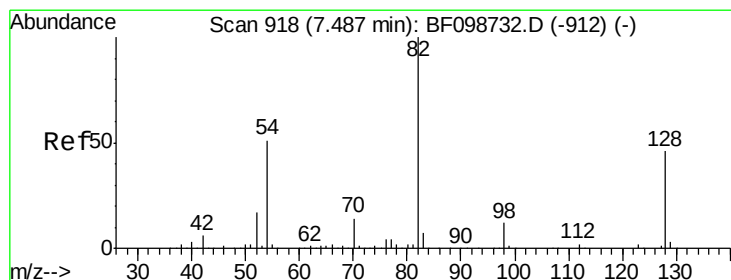
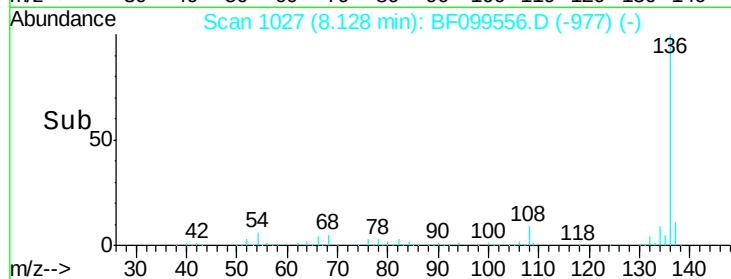
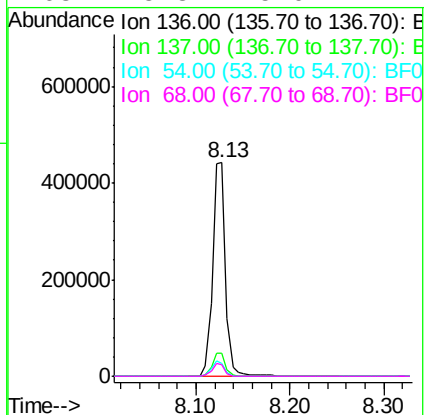
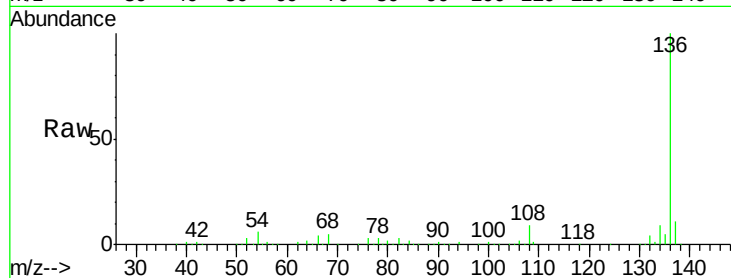
Time-->



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

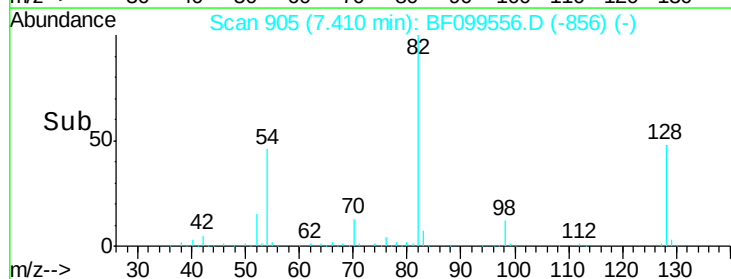
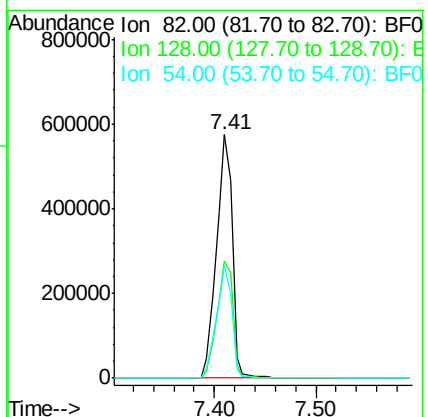
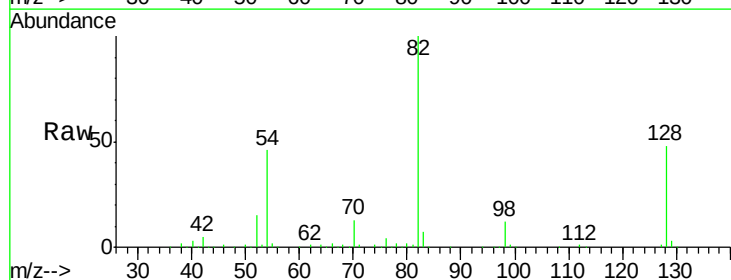
Instrument :
BNA_F
ClientSampleId :

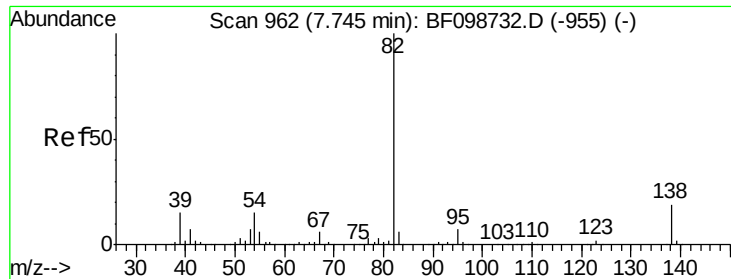
Tot Ion:136	Resp:	433206
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.2	6.6 9.8#
68	5.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.06 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Tgt Ion: 82	Resp:	621872
Ion Ratio	Lower	Upper
82	100	
128	48.2	36.1 54.1
54	45.9	41.4 62.2

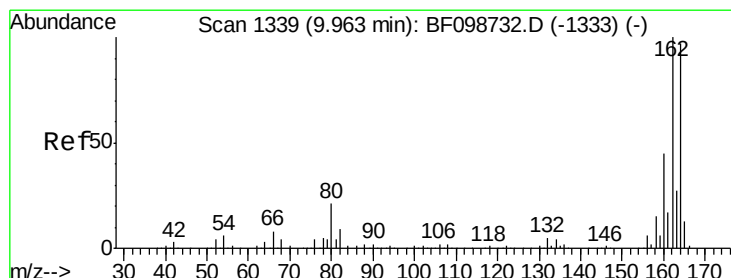
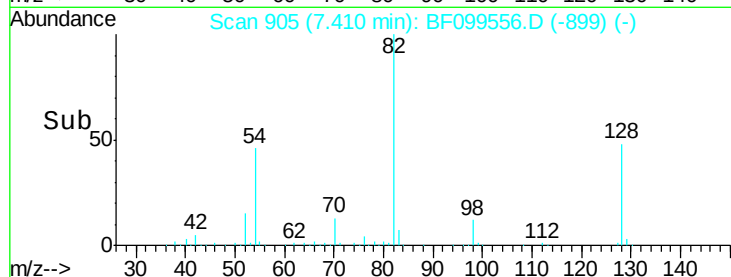
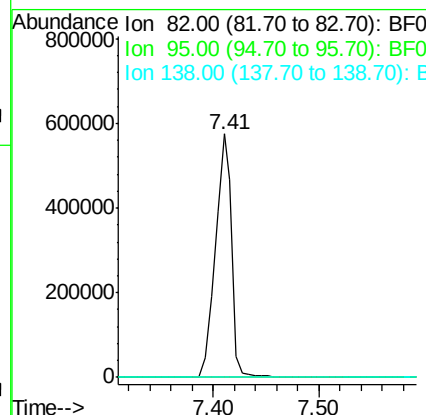
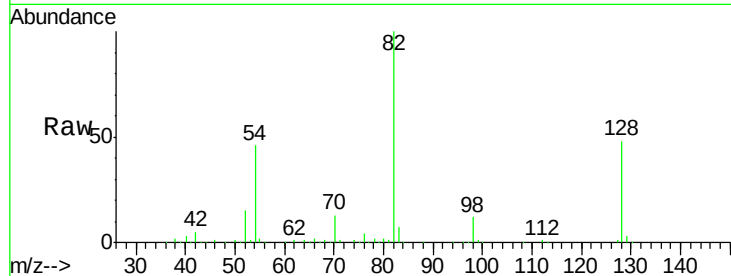




#25
Isophorone
Concen: 44.53 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

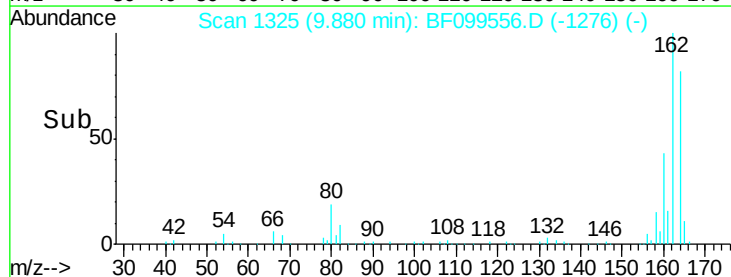
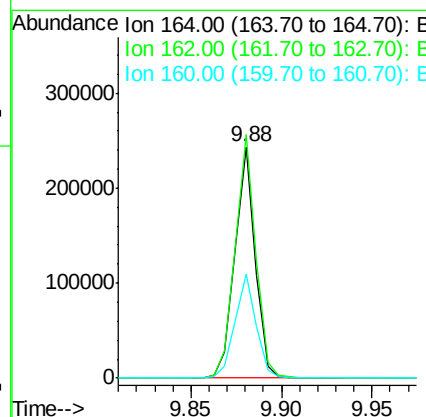
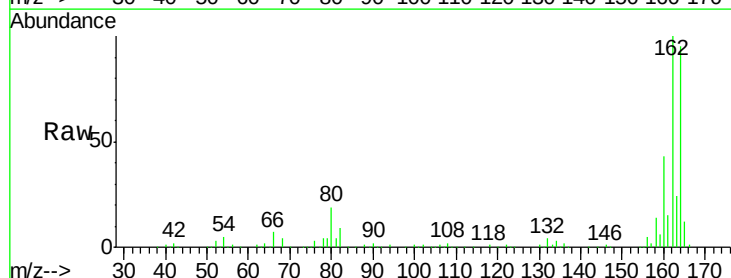
Instrument :
BNA_F
ClientSampleId :

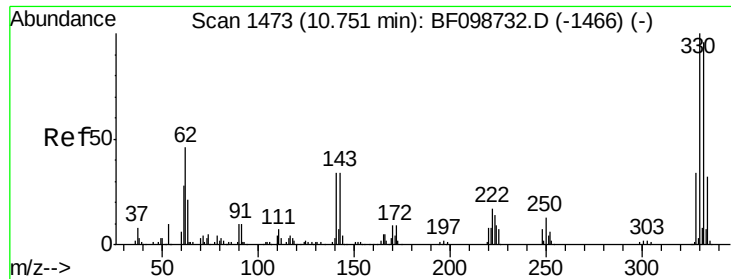
Tot Ion: 82 Resp: 621866
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Tgt Ion: 164 Resp: 191690
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.1 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 127.75 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

Instrument :

BNA_F

ClientSampled :

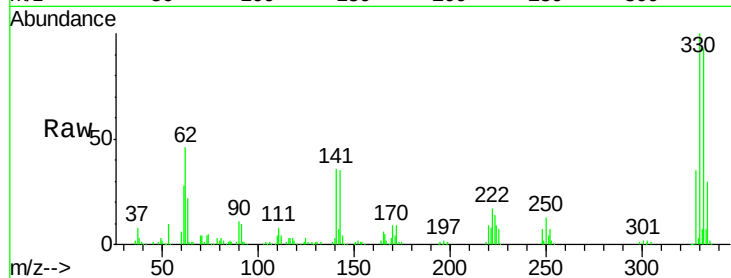
Tot Ion:330 Resp: 200381

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

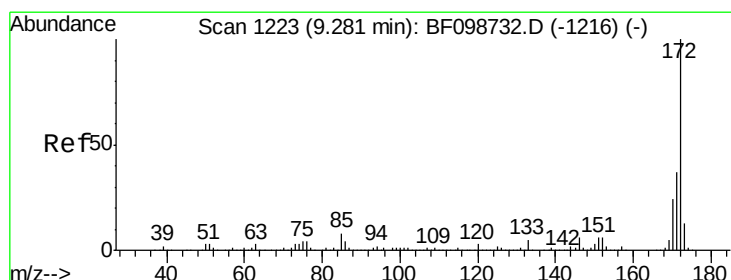
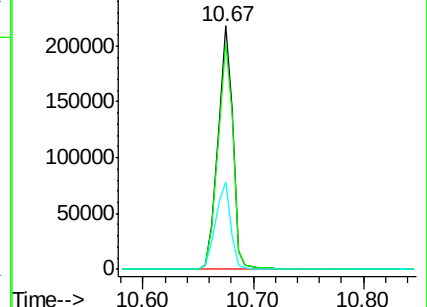
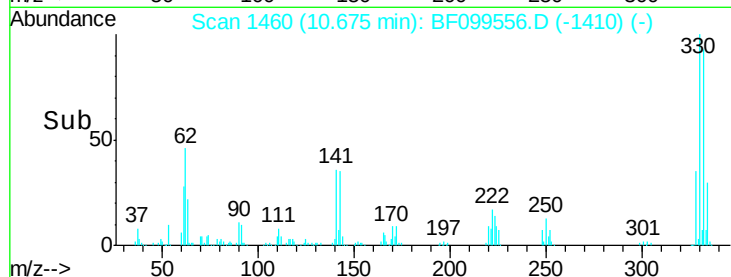
141 36.4 29.9 44.9



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: 94.57 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

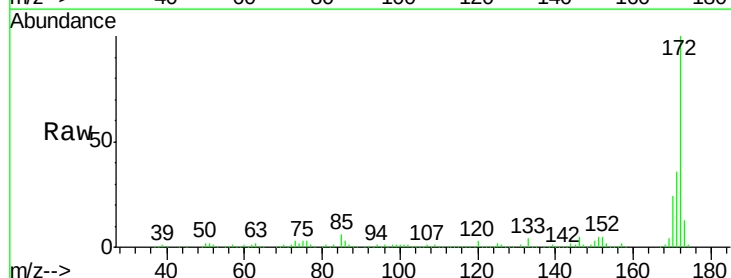
Tgt Ion:172 Resp: 1085915

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

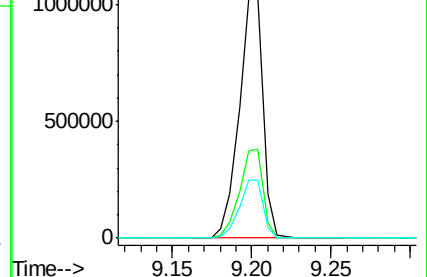
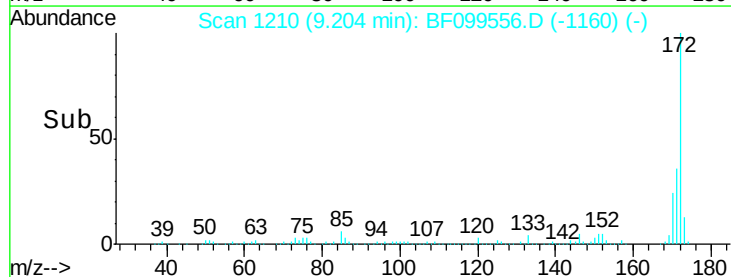
170 23.9 19.6 29.4

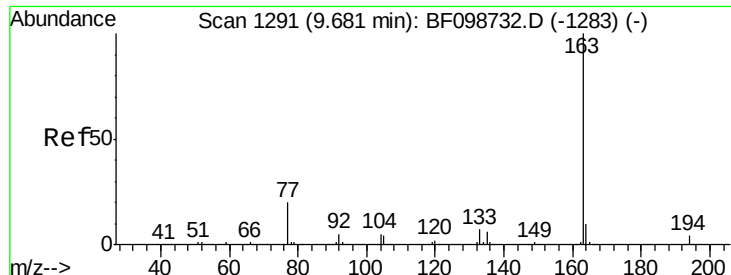


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

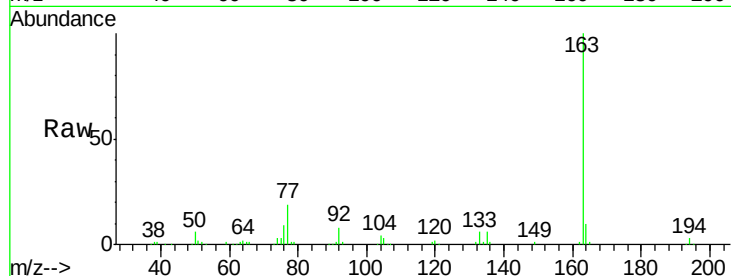




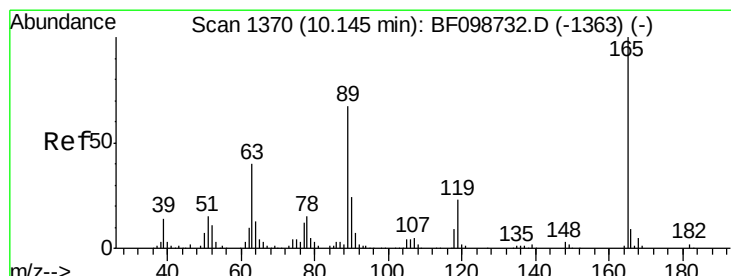
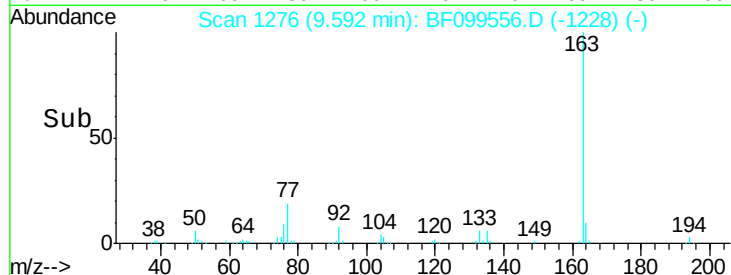
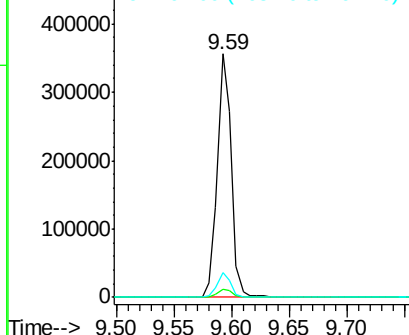
#49
Dimethylphthalate
Concen: 20.73 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 299917
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.1 8.2 12.2

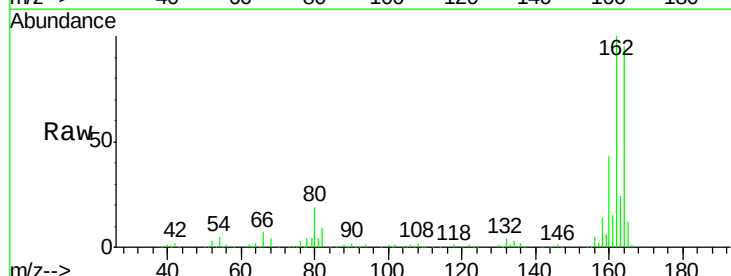


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

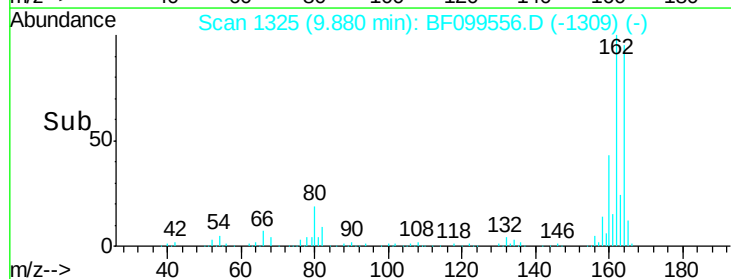
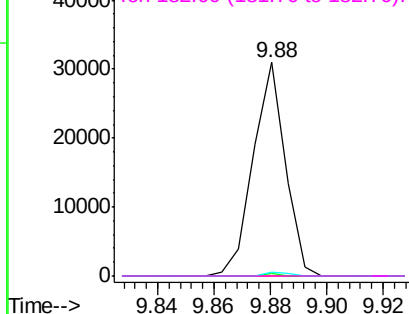


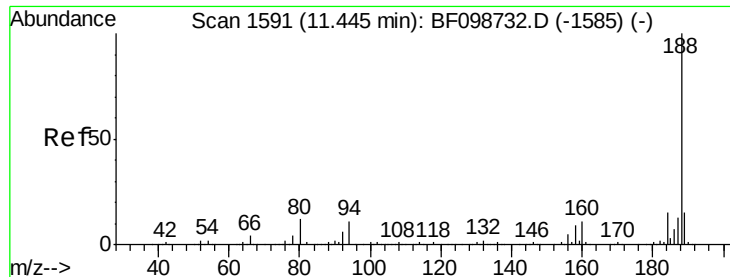
#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Tgt Ion:165 Resp: 24462
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.7 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

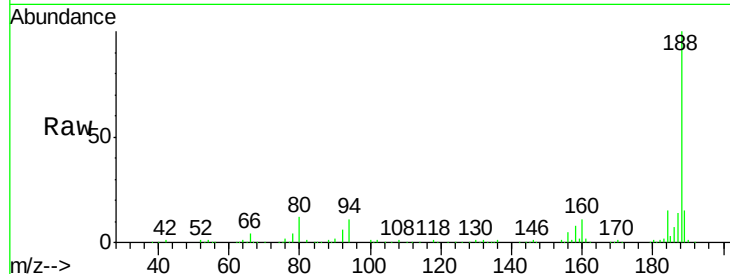




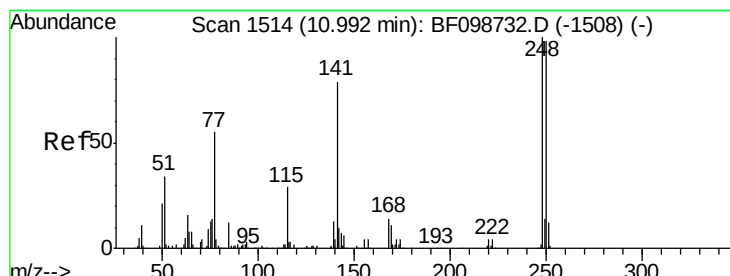
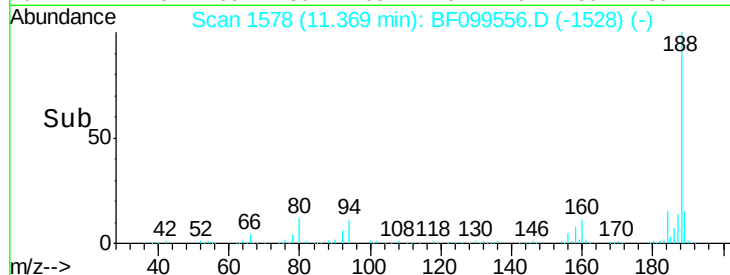
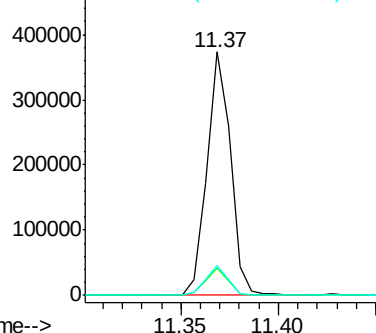
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 314218
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.0 9.2 13.8

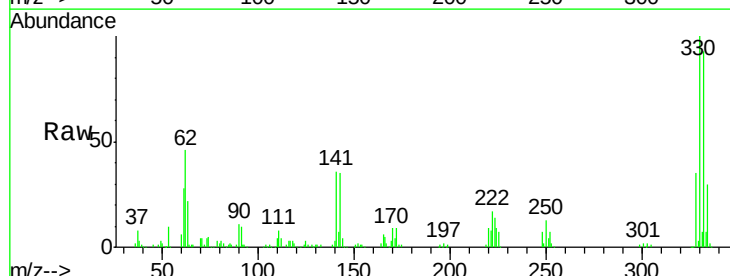


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

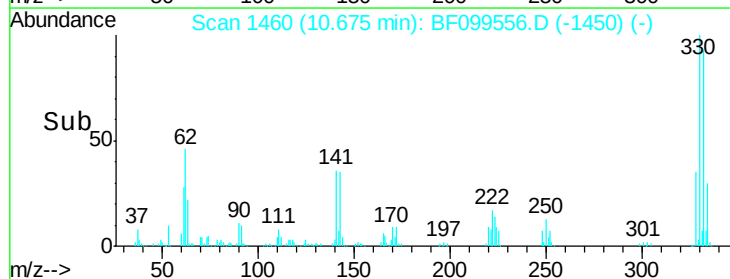
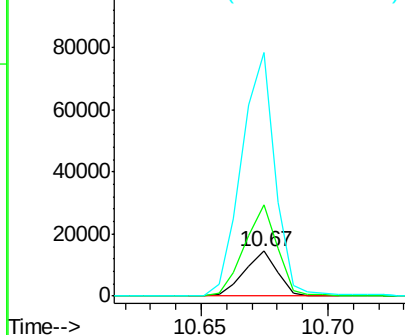


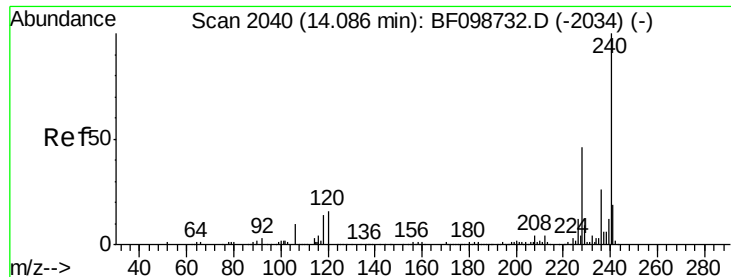
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Tgt Ion:248 Resp: 13187
Ion Ratio Lower Upper
248 100
250 204.1 76.9 115.3#
141 544.8 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: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

Instrument :

BNA_F

ClientSampleId :

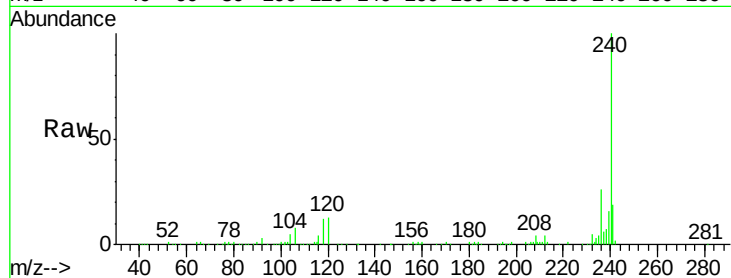
Tot Ion:240 Resp: 190956

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

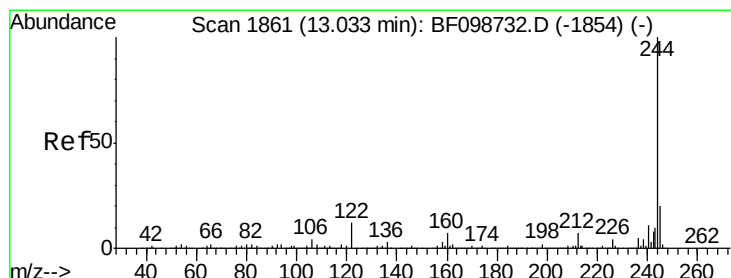
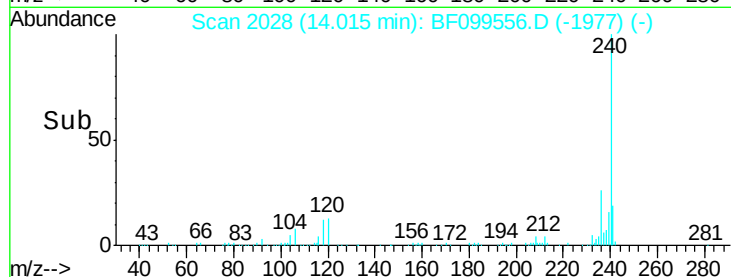
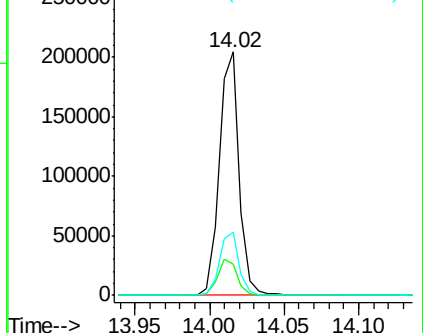
236 25.9 20.7 31.1



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: 92.44 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099556.D

Acq: 16 Oct 2017 20:54

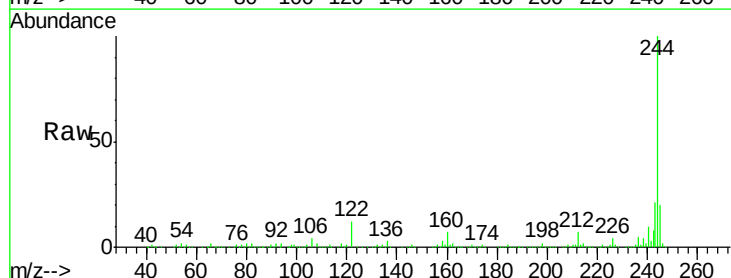
Tgt Ion:244 Resp: 776145

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

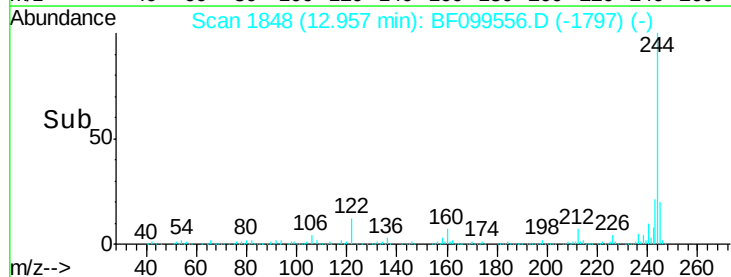
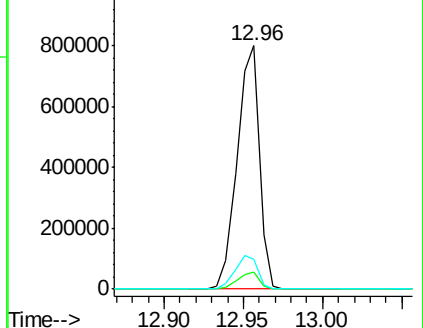
122 12.4 11.0 16.4

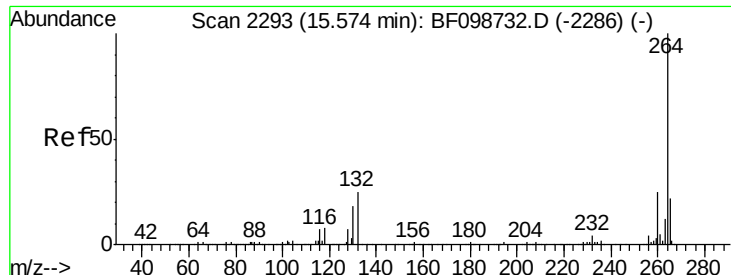


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



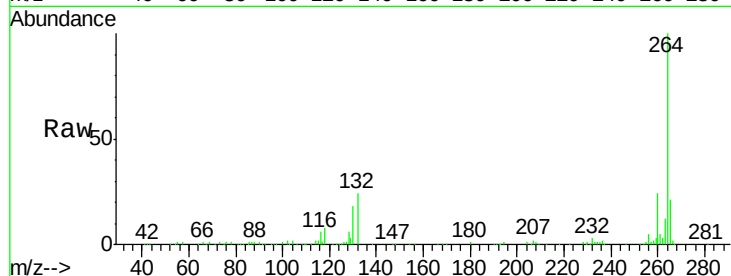


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099556.D
Acq: 16 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 197044

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

