

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099375.D
 Acq On : 12 Oct 2017 6:19
 Operator : SJ/JU
 Sample : I5710-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 06:45:50 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

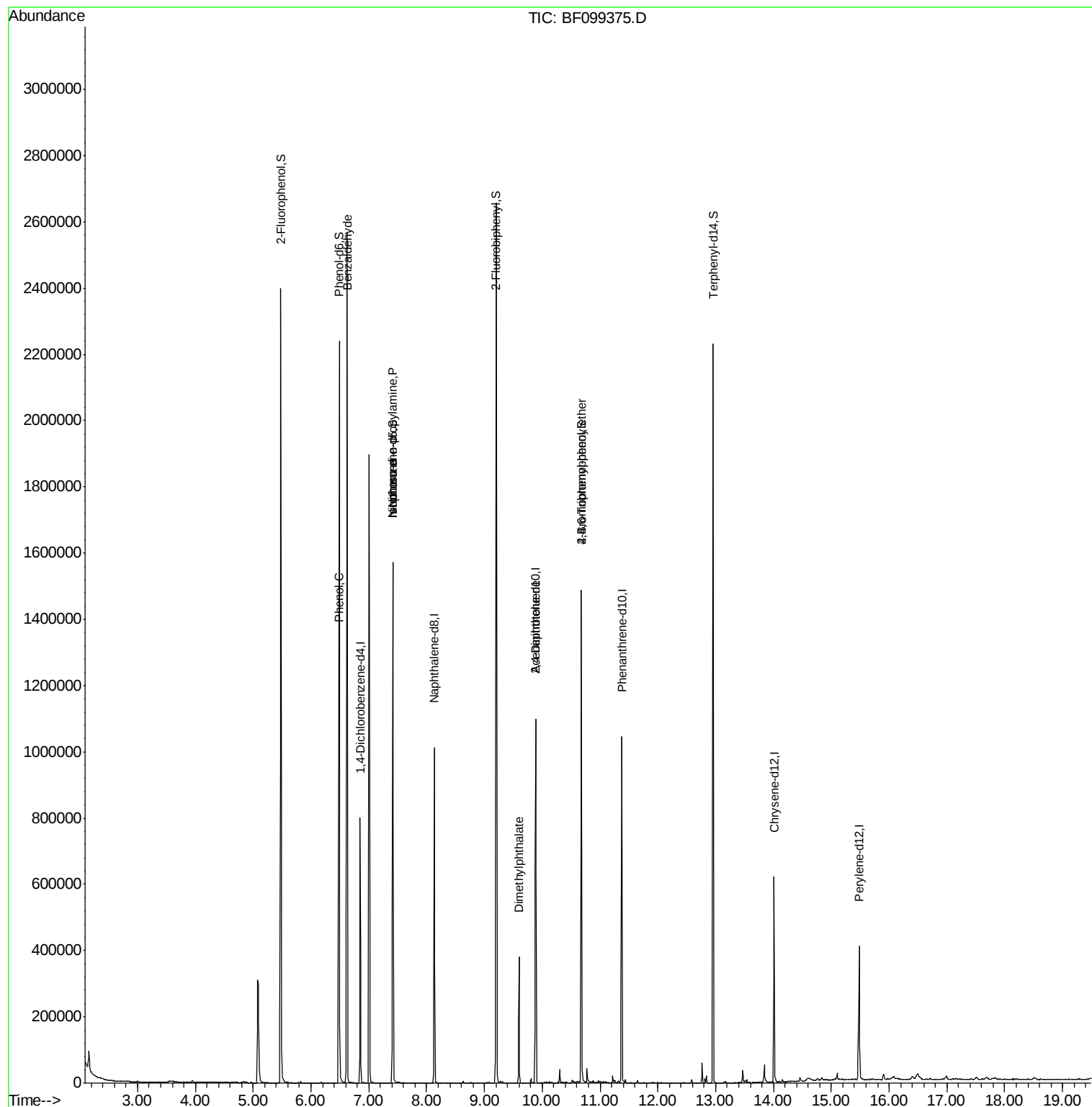
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112932	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	464609	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	207442	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	361627	20.00	ng	0.00
75) Chrysene-d12	14.01	240	195056	20.00	ng	0.00
86) Perylene-d12	15.48	264	179118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	738769	104.14	ng	0.01
7) Phenol-d6	6.49	99	890047	101.70	ng	0.00
23) Nitrobenzene-d5	7.42	82	522009	72.05	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	176424	103.94	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	933487	75.12	ng	0.00
78) Terphenyl-d14	12.96	244	727079	84.77	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	14309	2.82	ng	86
10) Phenol	6.50	94	26450	2.70	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	67041	12.00	ng	# 74
25) Isophorone	7.42	82	522004	34.85	ng	# 64
49) Dimethylphthalate	9.60	163	142748	9.12	ng	99
56) 2,4-Dinitrotoluene	9.89	165	26825	6.06	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	11713	3.31	ng	# 1

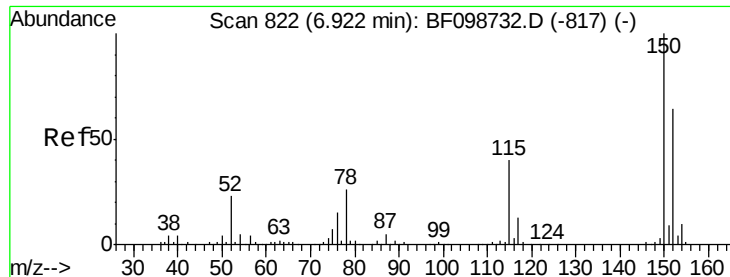
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 810

Delta R.T. 0.00 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

Instrument :

BNA_F

ClientSampleId :

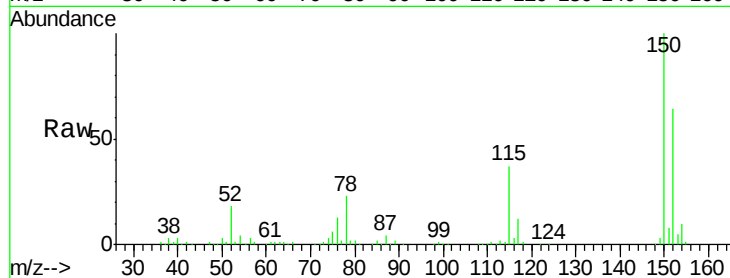
Tot Ion:152 Resp: 112932

Ion Ratio Lower Upper

152 100

150 157.4 124.6 186.8

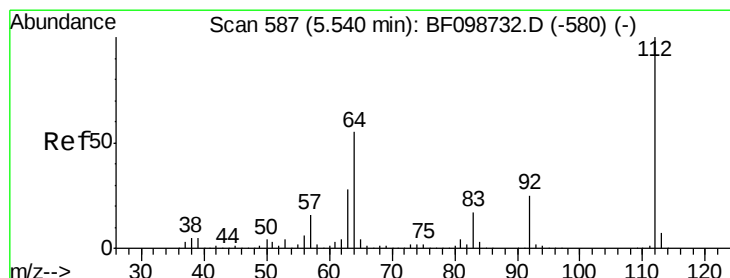
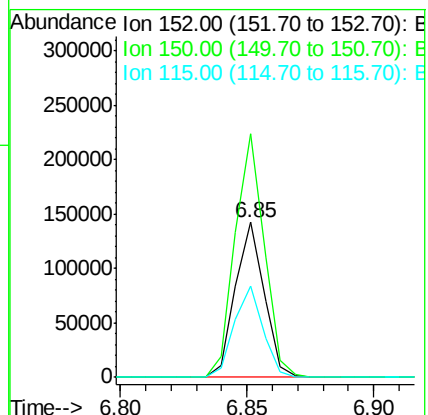
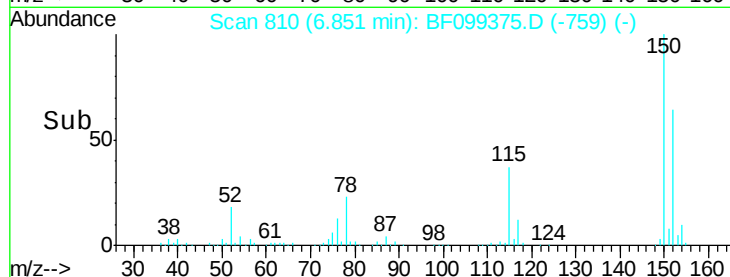
115 59.0 50.1 75.1



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: 104.14 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

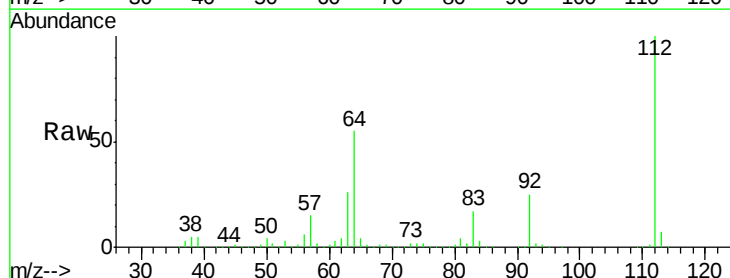
Tgt Ion:112 Resp: 738769

Ion Ratio Lower Upper

112 100

64 54.5 47.9 71.9

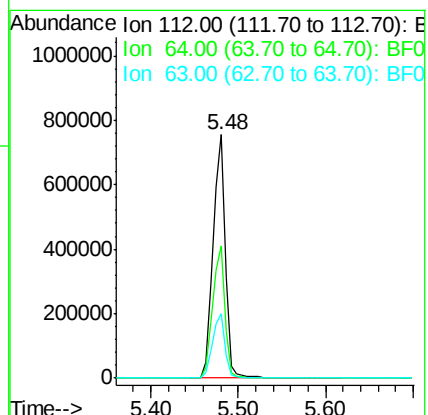
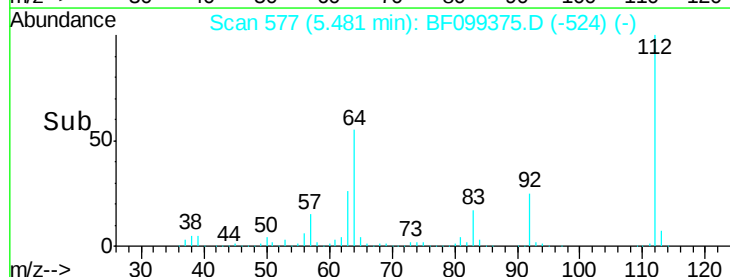
63 26.2 23.7 35.5

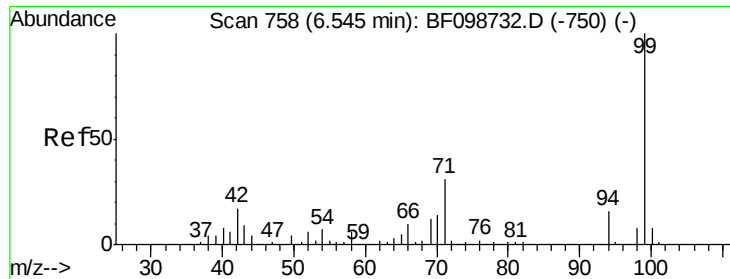


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.70 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

Instrument :

BNA_F

ClientSampled :

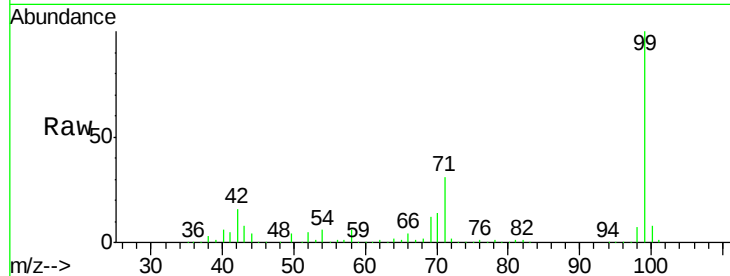
Tot Ion: 99 Resp: 890047

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

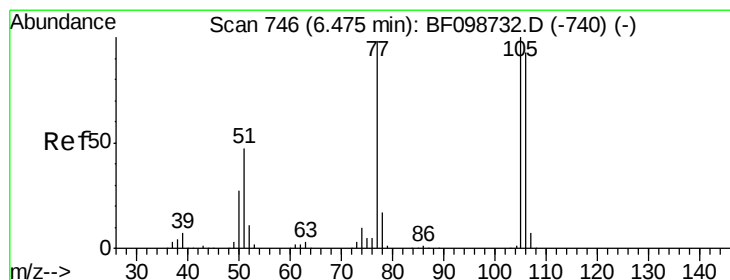
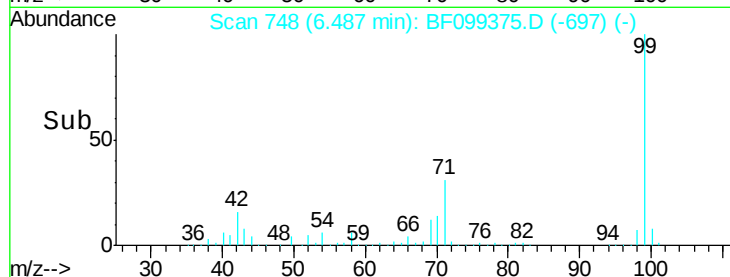
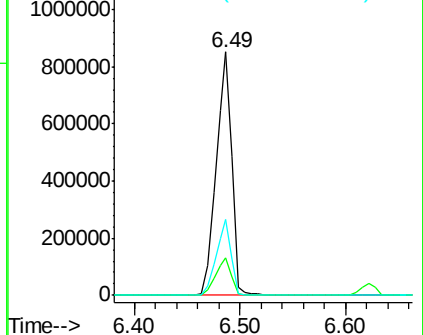
71 31.2 25.4 38.0



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: 2.82 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

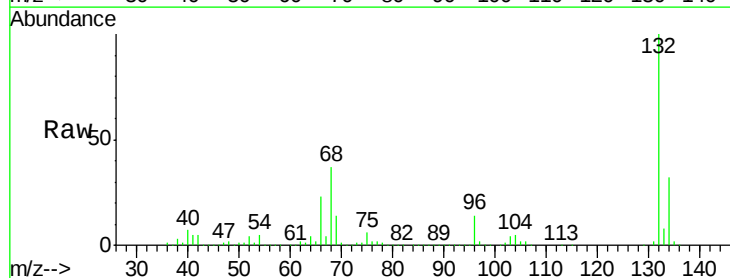
Tgt Ion: 77 Resp: 14309

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

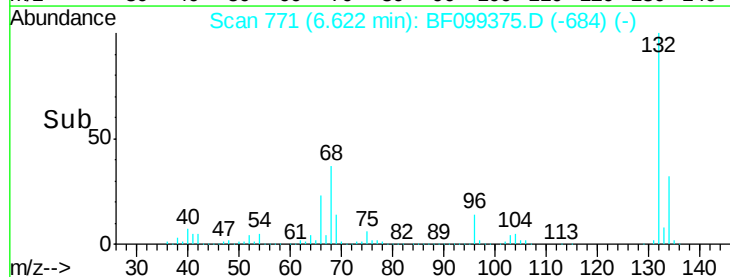
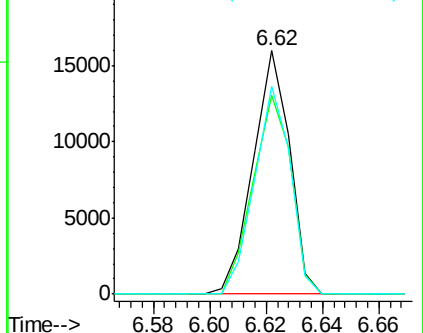
106 85.4 74.5 114.5

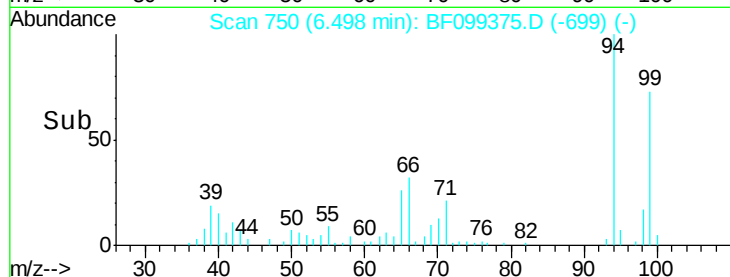
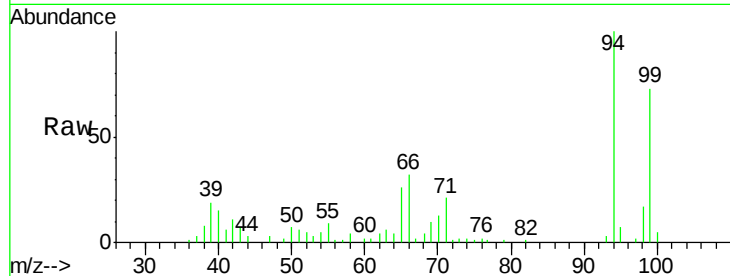
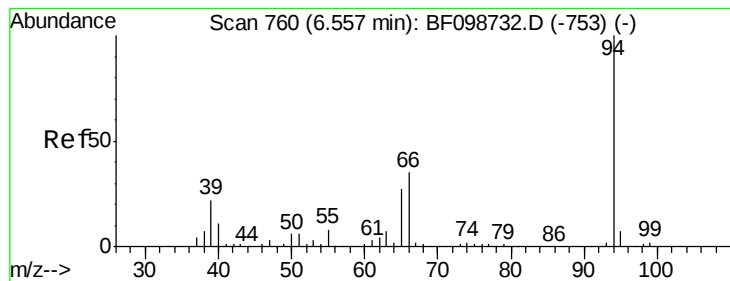


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.70 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

Instrument :

BNA_F

ClientSampled :

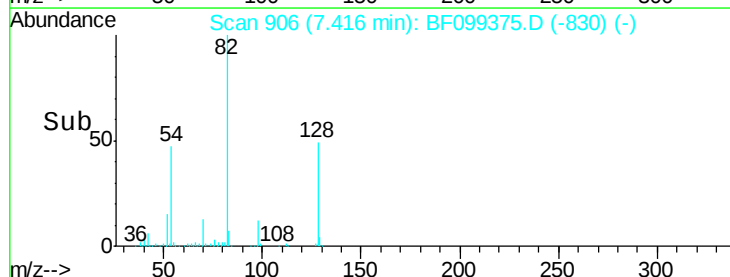
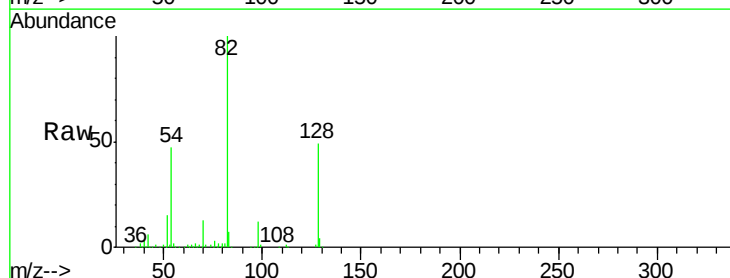
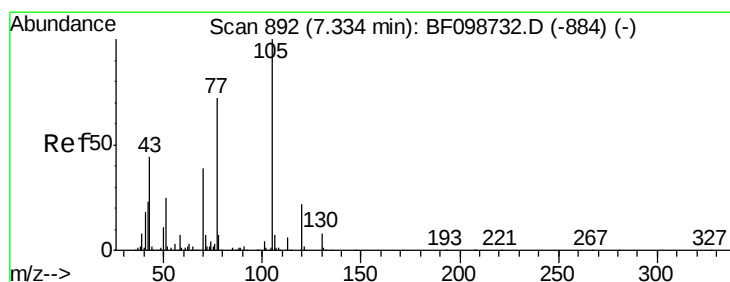
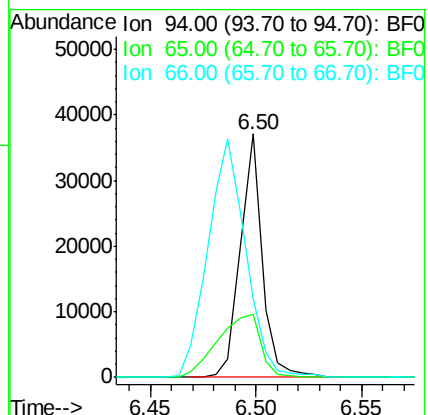
Tot Ion: 94 Resp: 26450

Ion Ratio Lower Upper

94 100

65 26.1 7.9 47.9

66 32.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.00 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

Tgt Ion: 70 Resp: 67041

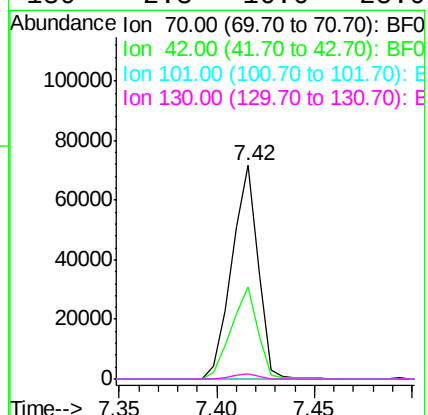
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

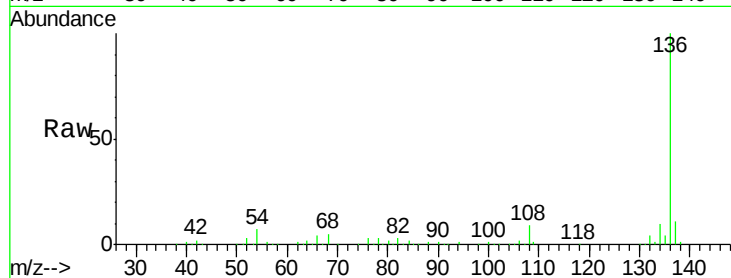




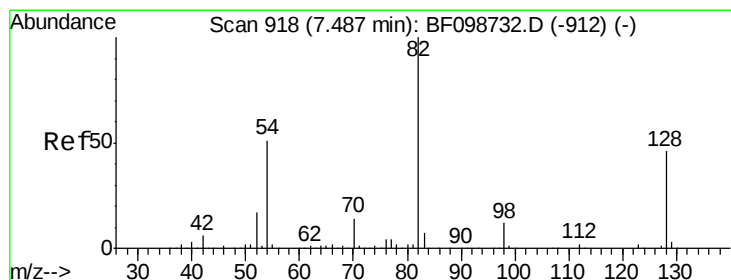
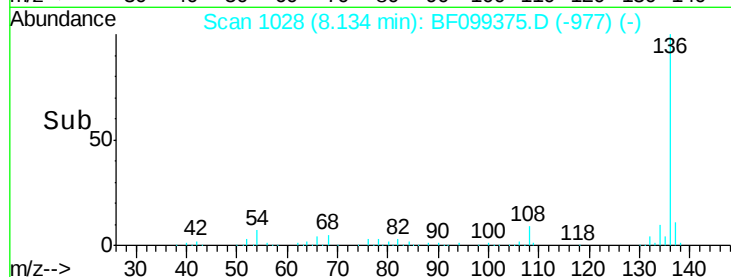
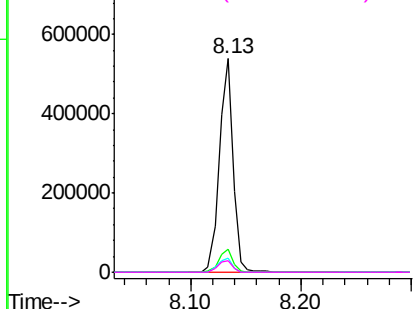
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099375.D
Acq: 12 Oct 2017 6:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	464609
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.8	6.6 9.8
68	5.2	5.0 7.4

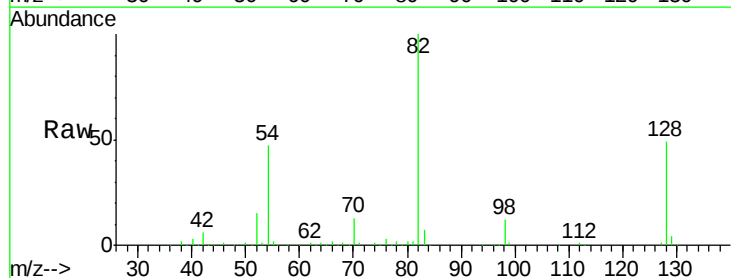


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

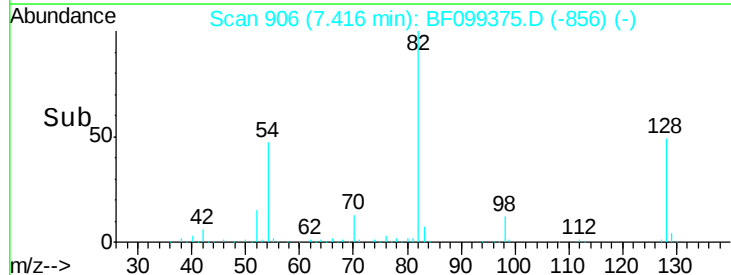
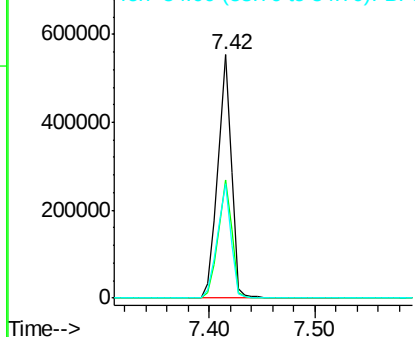


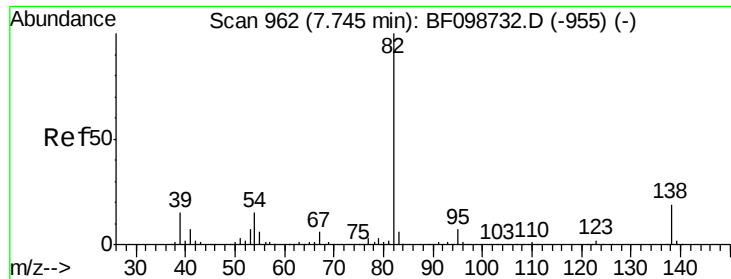
#23
Nitrobenzene-d5
Concen: 72.05 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099375.D
Acq: 12 Oct 2017 6:19

Tgt Ion: 82	Resp:	522009
Ion Ratio	Lower	Upper
82	100	
128	48.7	36.1 54.1
54	46.9	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

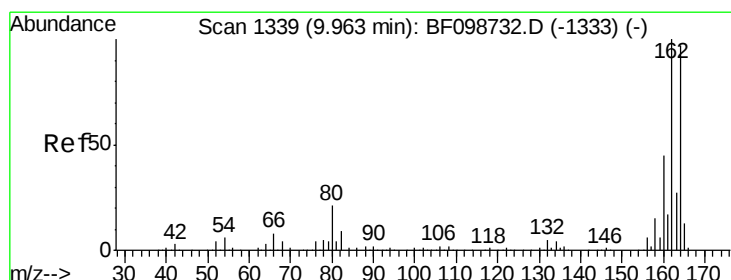
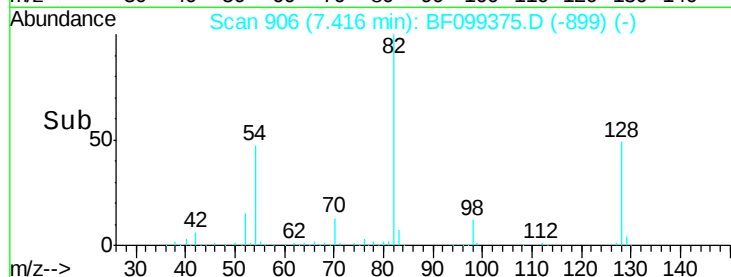
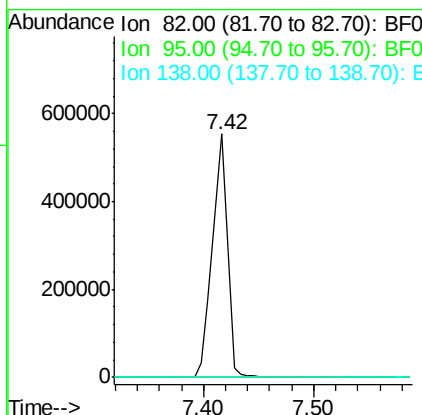
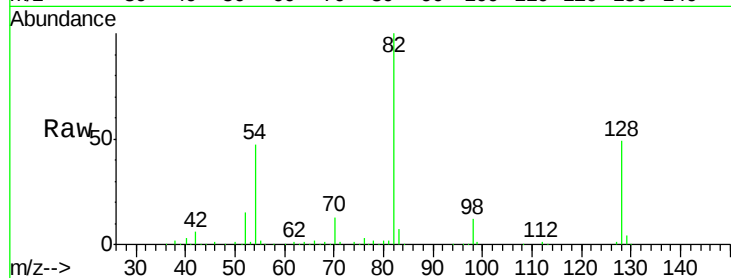




#25
Isophorone
Concen: 34.85 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099375.D
Acq: 12 Oct 2017 6:19

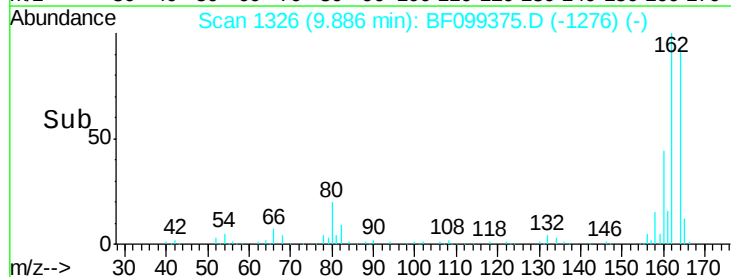
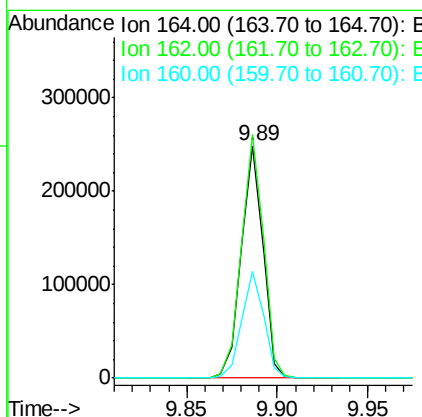
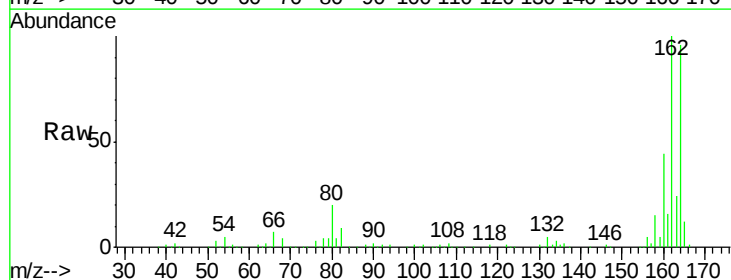
Instrument :
BNA_F
ClientSampleId :

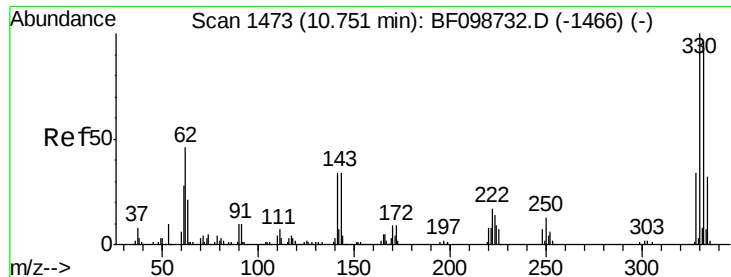
Tot Ion: 82 Resp: 522004
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099375.D
Acq: 12 Oct 2017 6:19

Tgt Ion:164 Resp: 207442
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 46.0 38.3 57.5

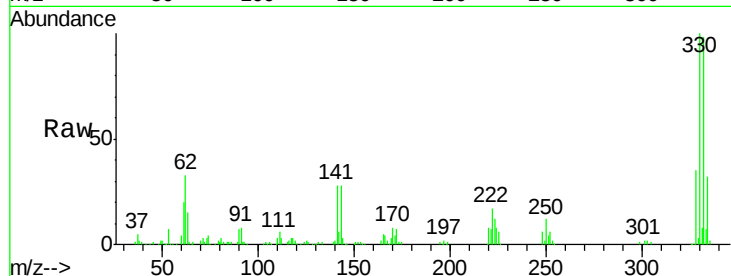




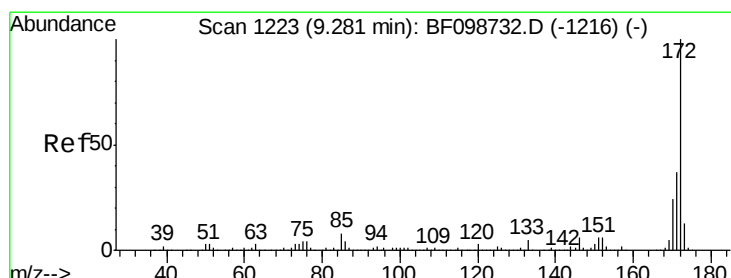
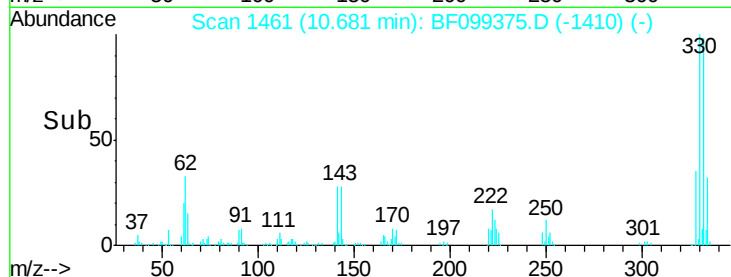
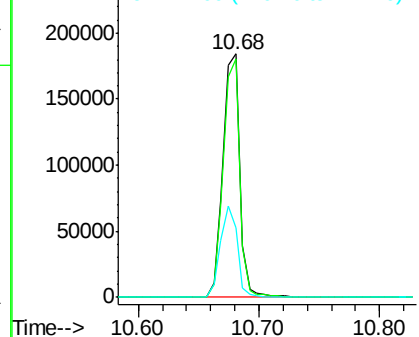
#41
 2,4,6-Tribromophenol
 Concen: 103.94 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099375.D
 Acq: 12 Oct 2017 6:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.6	29.9	44.9

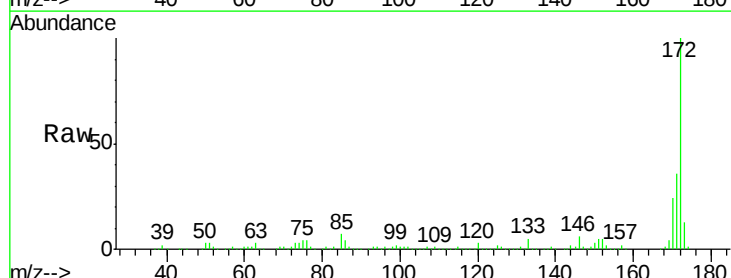


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

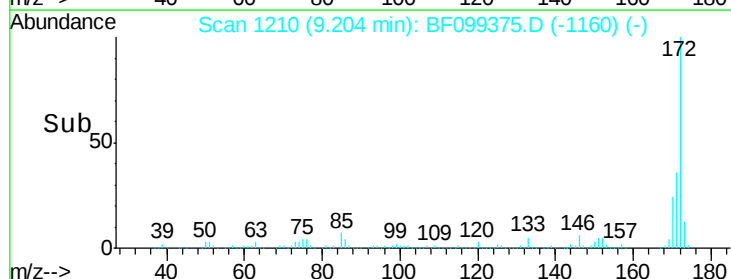
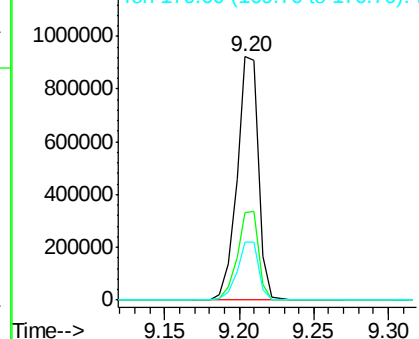


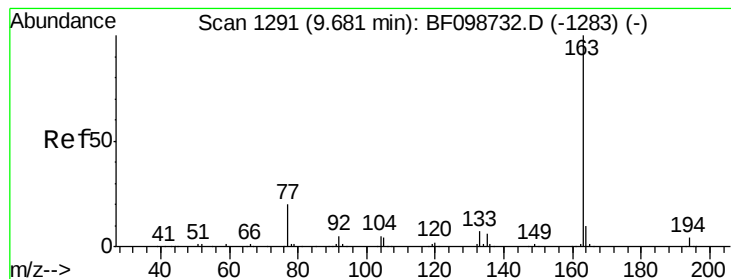
#44
 2-Fluorobiphenyl
 Concen: 75.12 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099375.D
 Acq: 12 Oct 2017 6:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	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: 9.12 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

Instrument :

BNA_F

ClientSampleId :

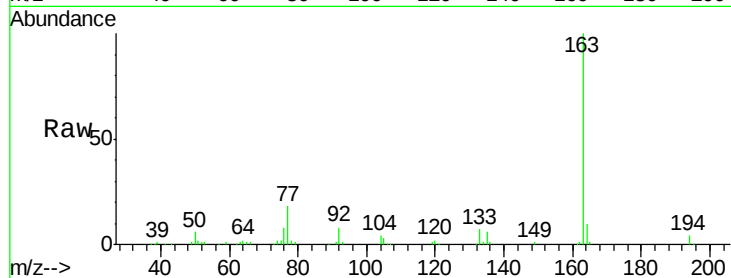
Tot Ion:163 Resp: 142748

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

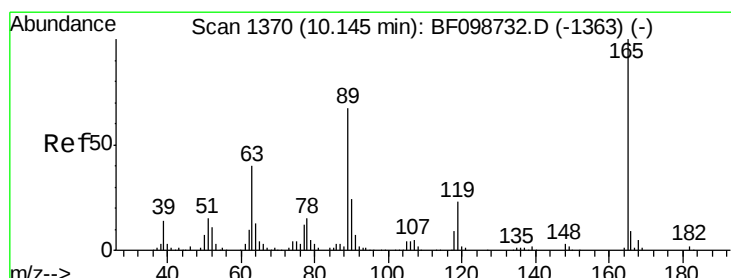
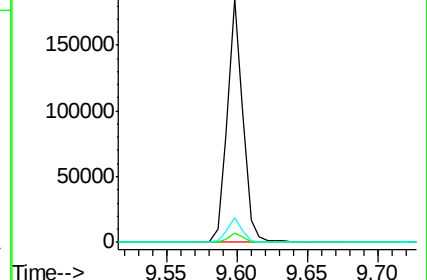
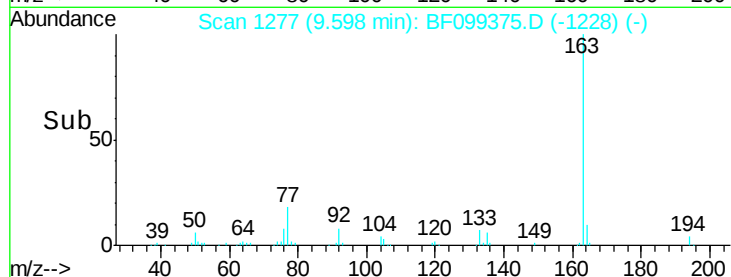
164 10.0 8.2 12.2



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: 6.06 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

Tgt Ion:165 Resp: 26825

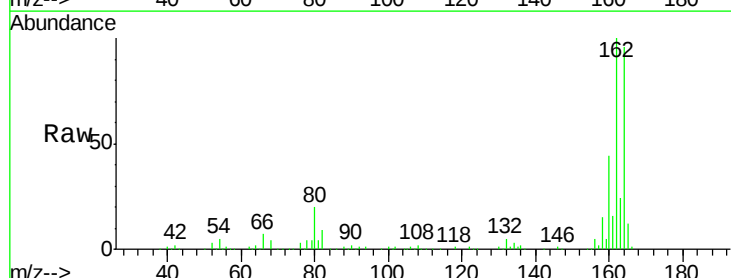
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

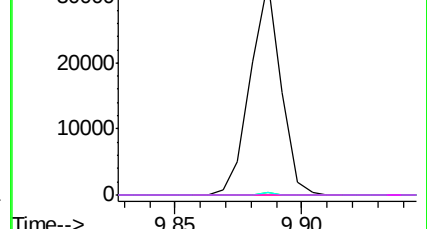
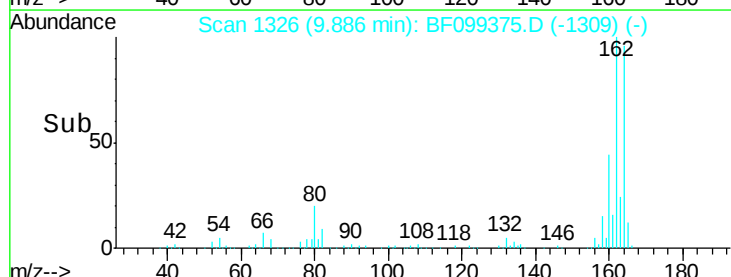


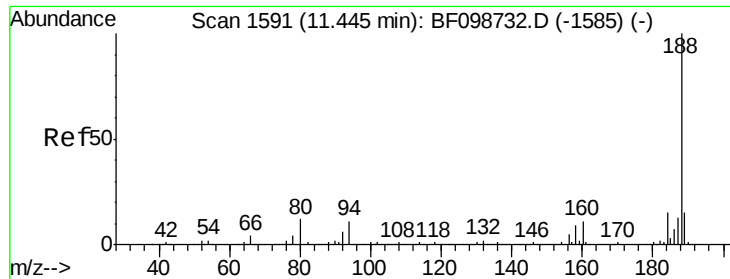
Abundance Ion 165.00 (164.70 to 165.70): E

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

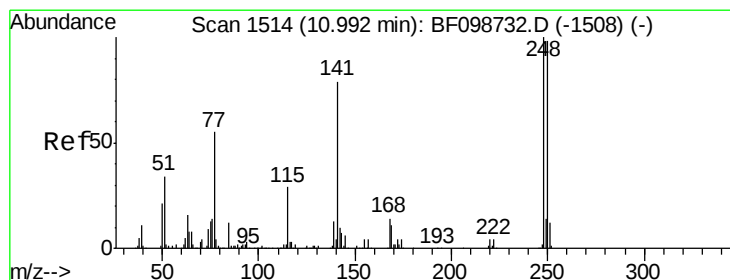
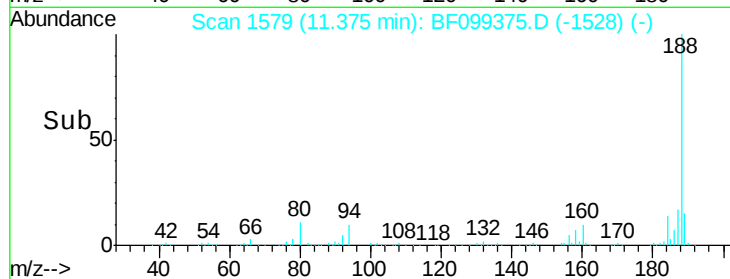
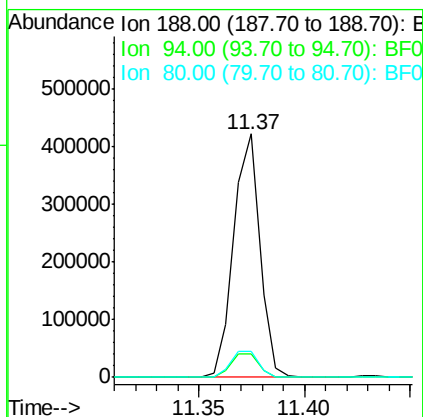
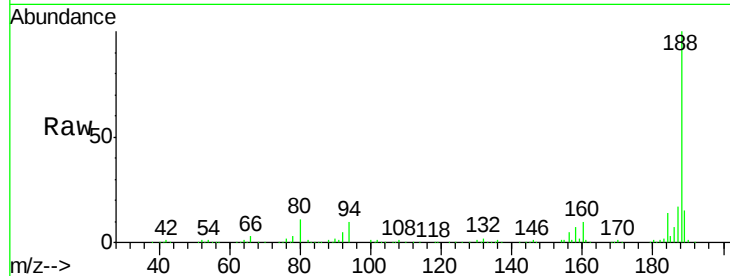




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099375.D
Acq: 12 Oct 2017 6:19

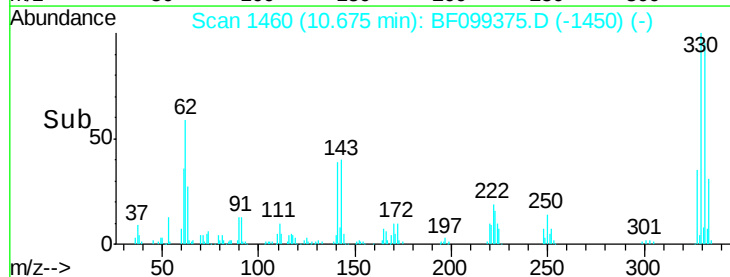
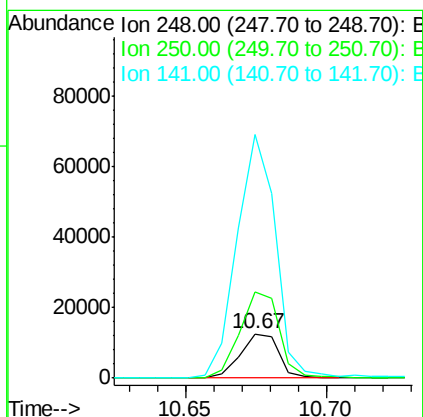
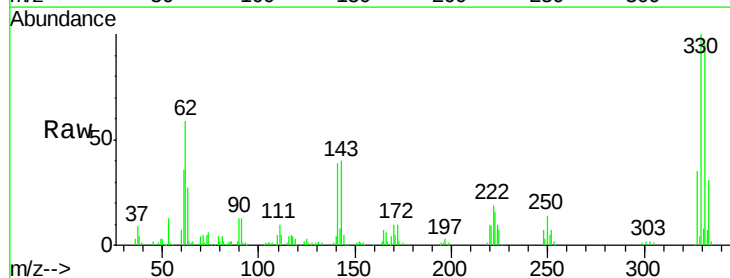
Instrument :
BNA_F
ClientSampleId :

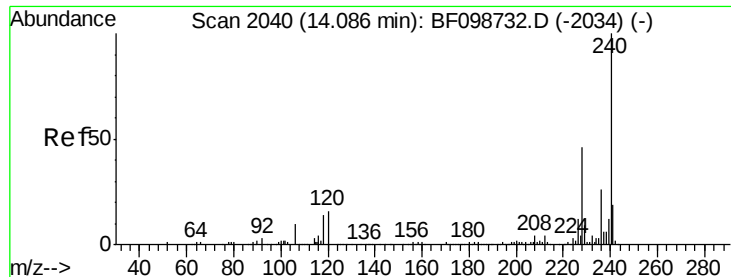
Tot Ion:188 Resp: 361627
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099375.D
Acq: 12 Oct 2017 6:19

Tgt Ion:248 Resp: 11713
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 554.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

Instrument :

BNA_F

ClientSampleId :

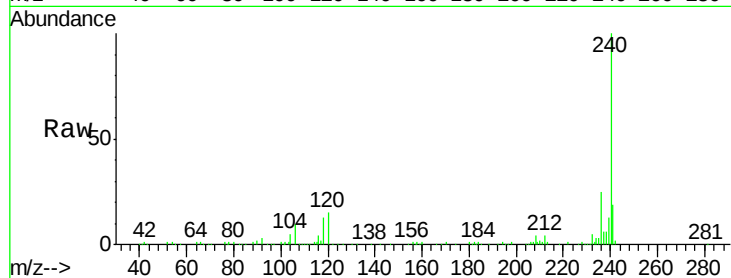
Tot Ion:240 Resp: 195056

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

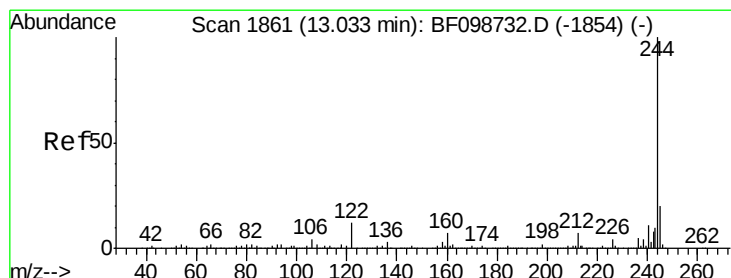
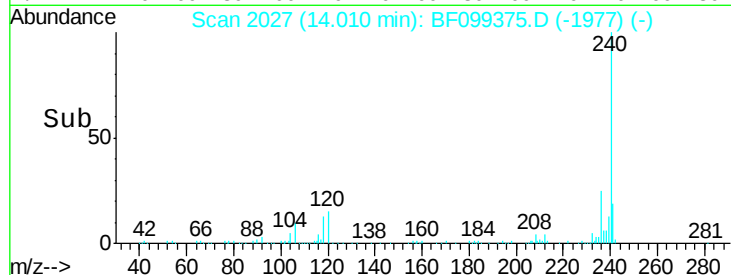
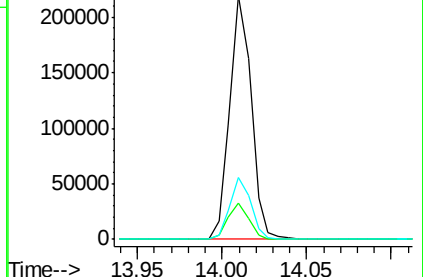
236 25.4 20.7 31.1



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: 84.77 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099375.D

Acq: 12 Oct 2017 6:19

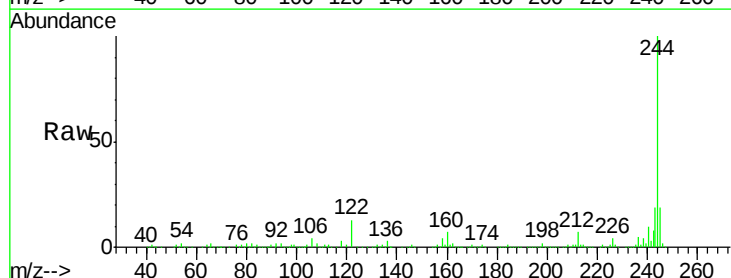
Tgt Ion:244 Resp: 727079

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

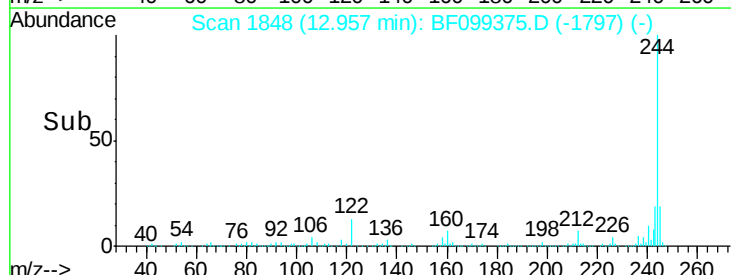
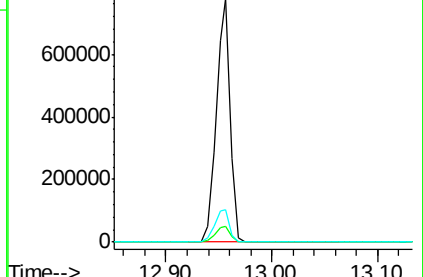
122 13.2 11.0 16.4

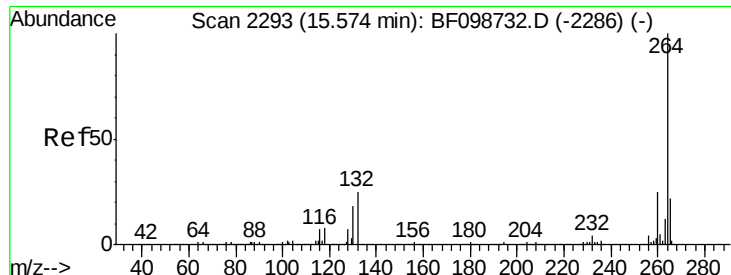


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

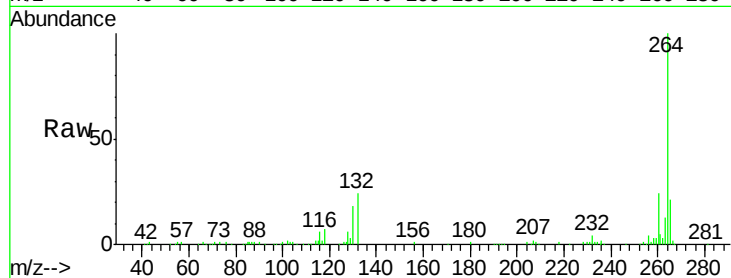




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099375.D
 Acq: 12 Oct 2017 6:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.5	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

