

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099240.D
 Acq On : 8 Oct 2017 18:58
 Operator : SJ/JU
 Sample : I5715-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:13:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

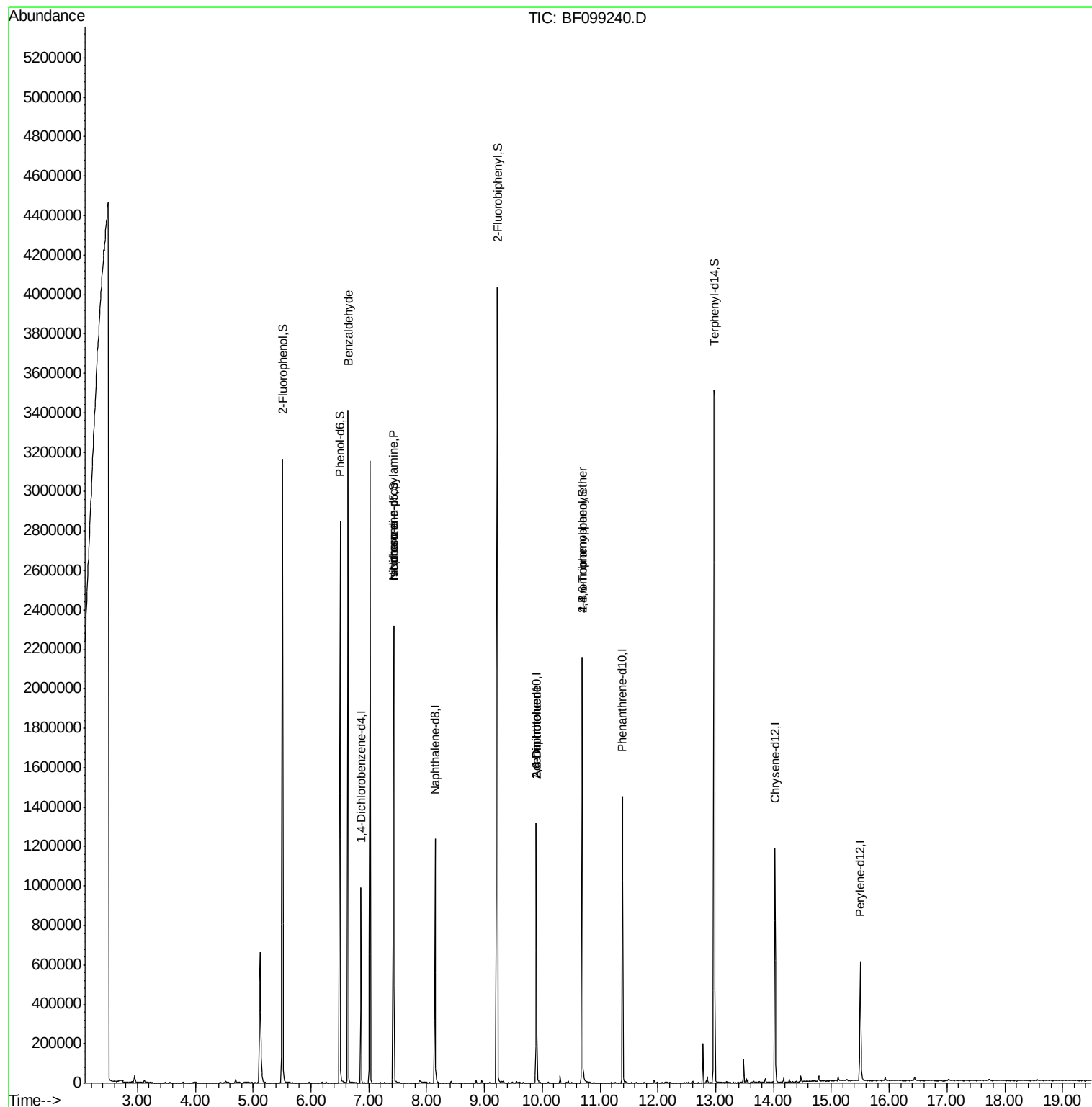
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	141697	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	589892	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	270823	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	495136	20.00	ng	0.00
75) Chrysene-d12	14.03	240	378084	20.00	ng	0.00
86) Perylene-d12	15.50	264	274427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1081615	121.51	ng	0.03
7) Phenol-d6	6.50	99	1173746	106.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	892555	97.03	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	333656	150.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1612836	99.42	ng	0.00
78) Terphenyl-d14	12.97	244	1457898	87.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	22581	3.55	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.43	70	116281	16.59	ng	# 73
25) Isophorone	7.43	82	892540	46.93	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	34847	7.83	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	34847	6.03	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	21697	4.48	ng	# 1

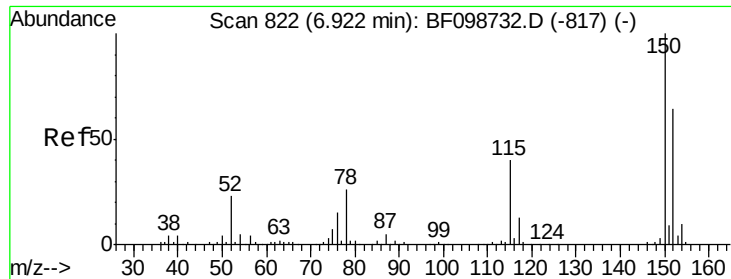
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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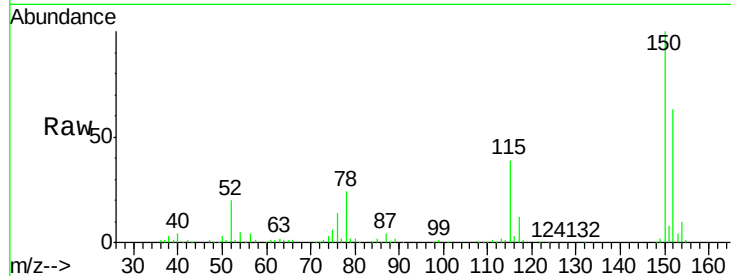


#1

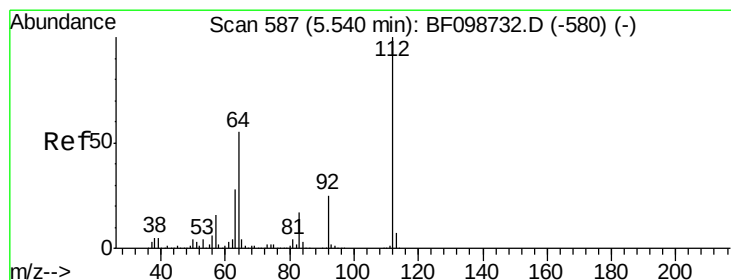
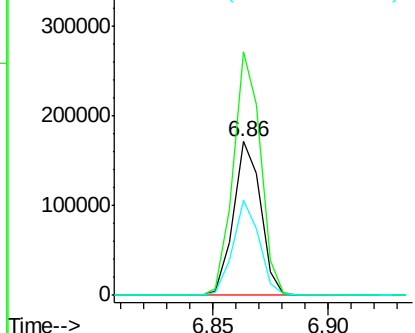
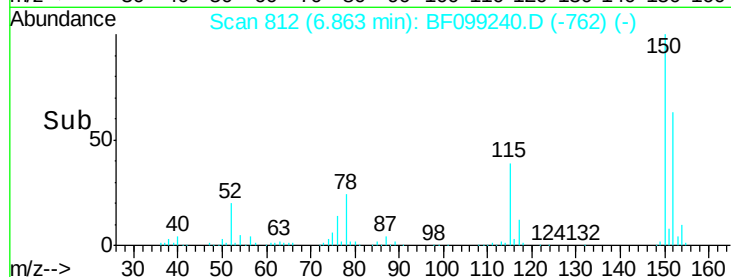
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099240.D
Acq: 8 Oct 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141697
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 62.0 50.1 75.1



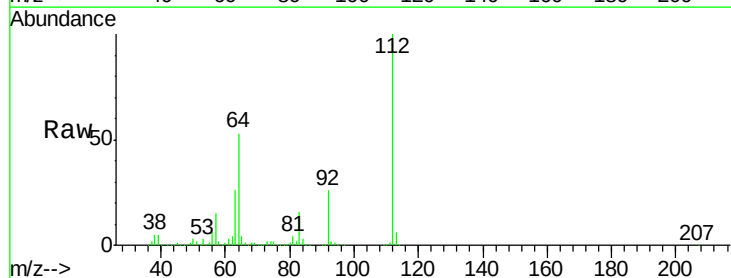
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



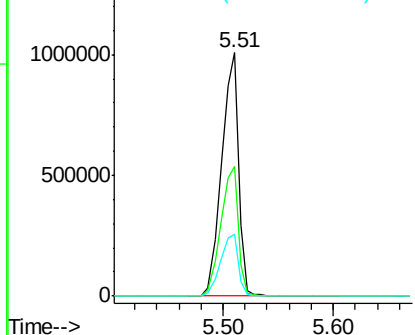
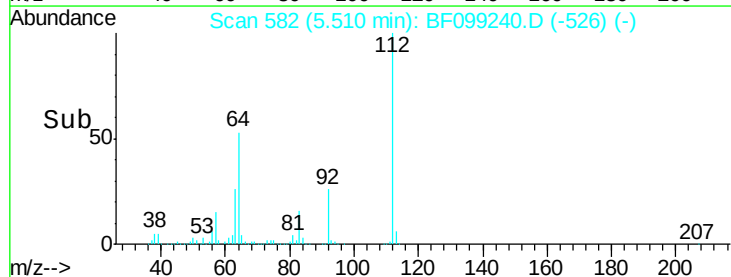
#5

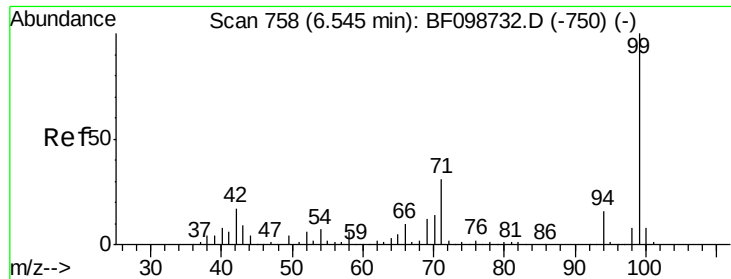
2-Fluorophenol
Concen: 121.51 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.03 min
Lab File: BF099240.D
Acq: 8 Oct 2017 18:58

Tgt Ion:112 Resp: 1081615
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 25.6 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: 106.89 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099240.D

Acq: 8 Oct 2017 18:58

Instrument :

BNA_F

ClientSampled :

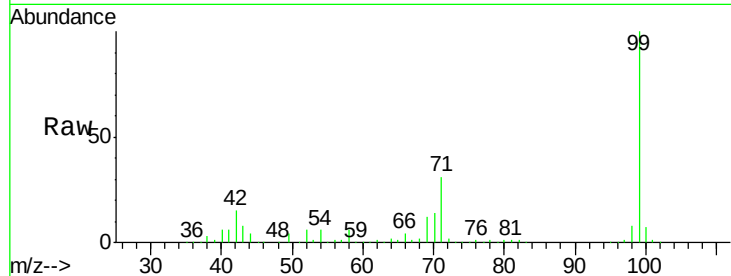
Tot Ion: 99 Resp: 1173746

Ion Ratio Lower Upper

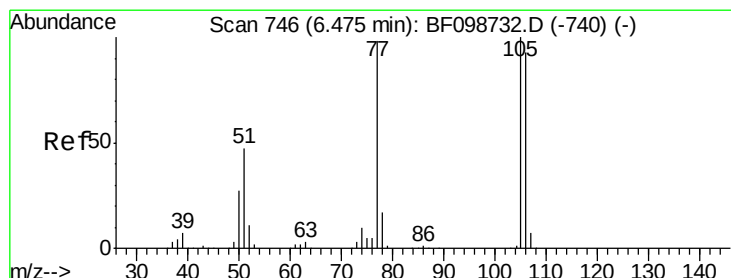
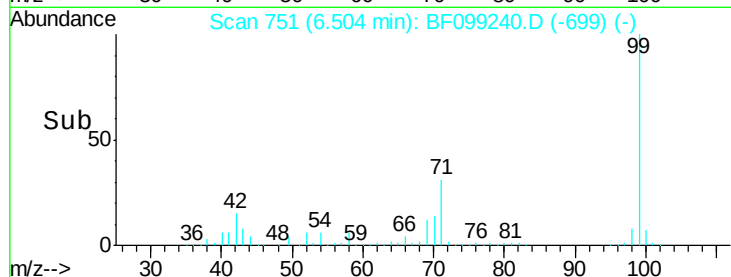
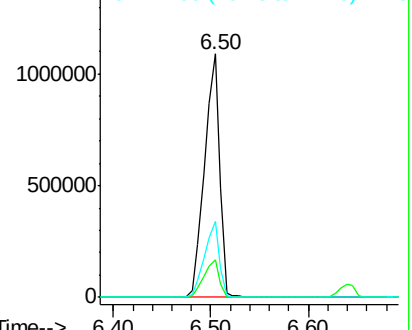
99 100

42 15.3 14.5 21.7

71 31.1 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: 3.55 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099240.D

Acq: 8 Oct 2017 18:58

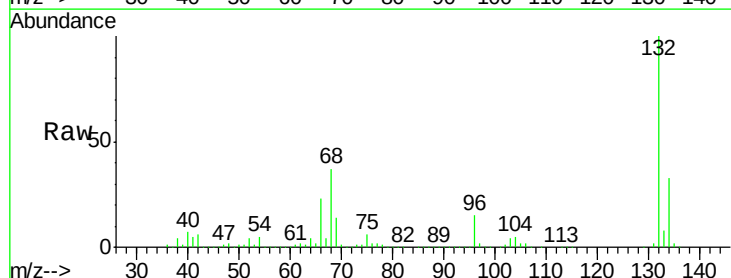
Tgt Ion: 77 Resp: 22581

Ion Ratio Lower Upper

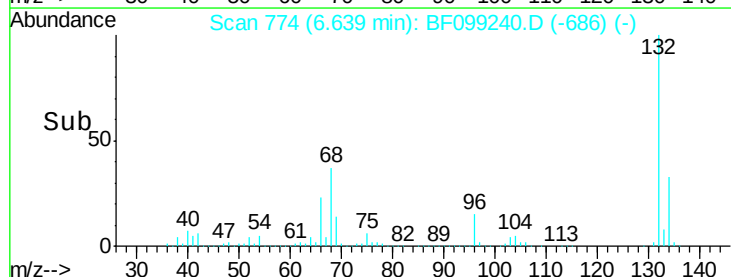
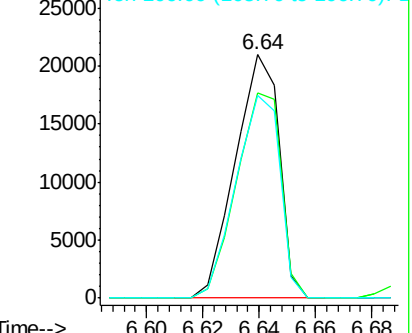
77 100

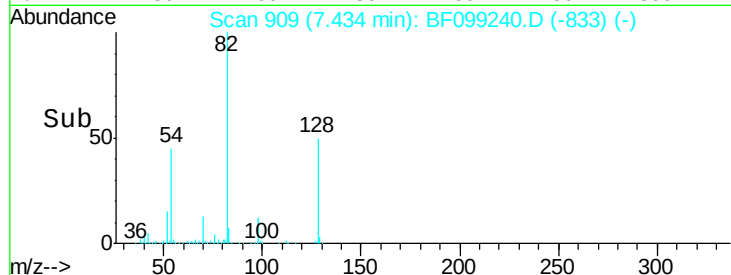
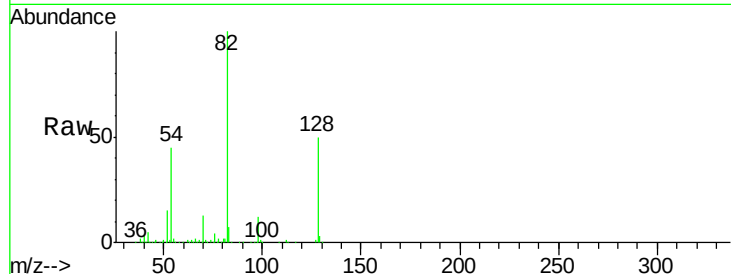
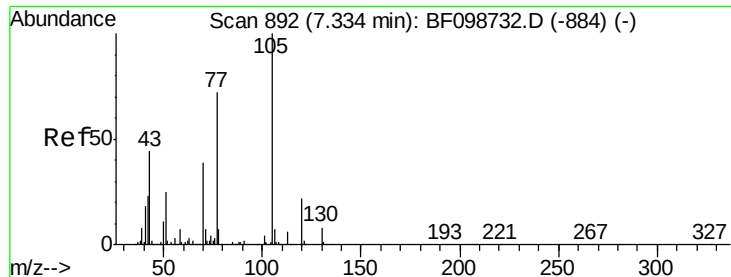
105 84.3 81.1 121.1

106 83.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

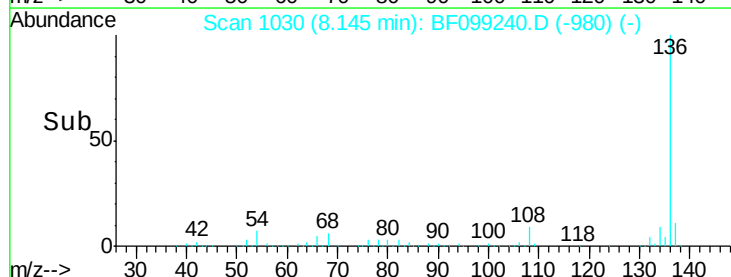
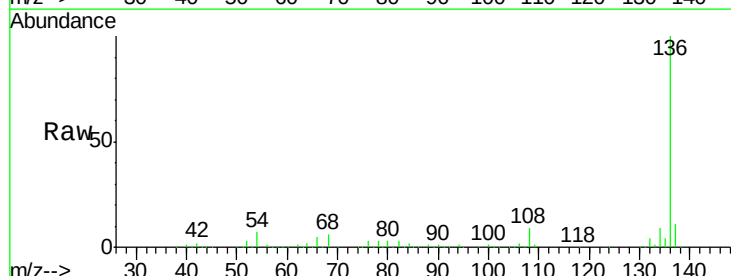
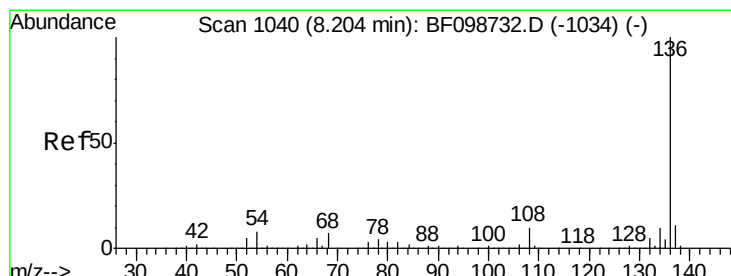
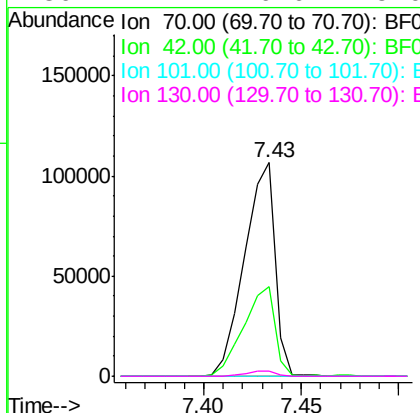




#19
n-Nitroso-di-n-propylamine
Concen: 16.59 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF099240.D
Acq: 8 Oct 2017 18:58

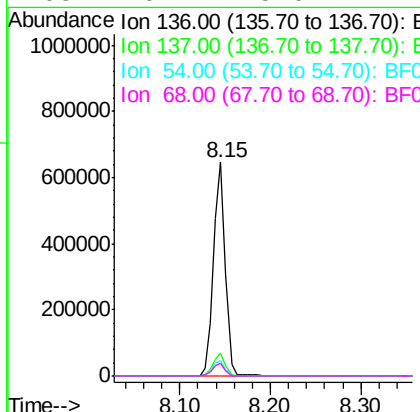
Instrument :
BNA_F
ClientSampleId :

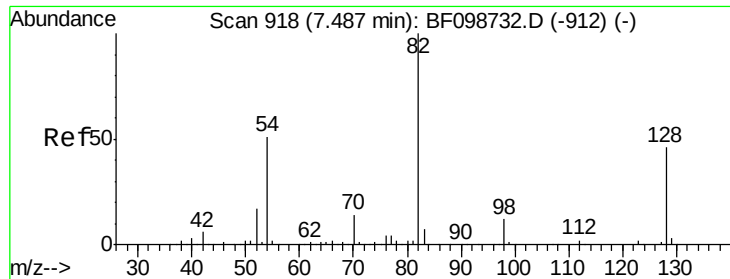
Tot Ion: 70 Resp: 116281
Ion Ratio Lower Upper
70 100
42 41.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099240.D
Acq: 8 Oct 2017 18:58

Tgt Ion: 136 Resp: 589892
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 6.6 9.8
68 6.1 5.0 7.4

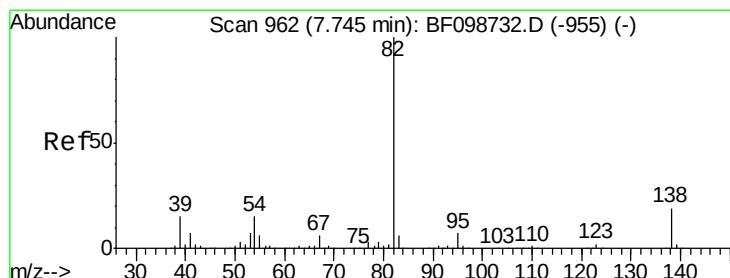
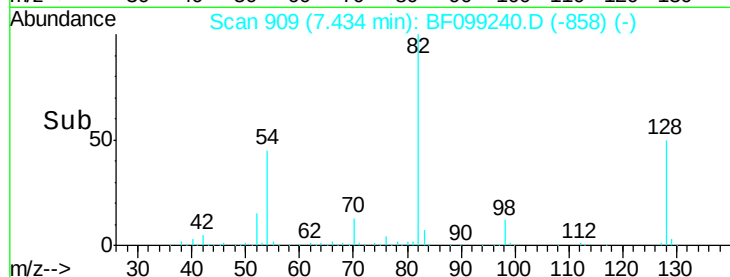
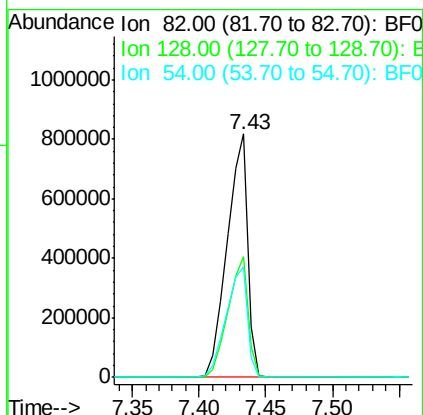
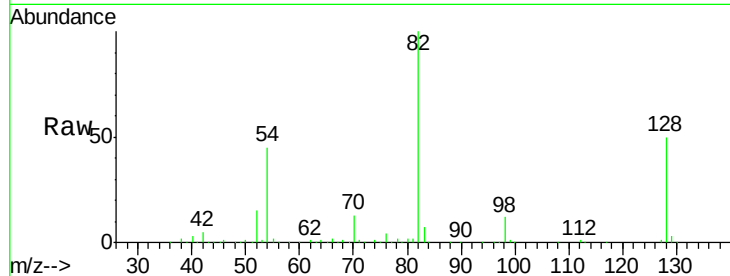




#23
 Nitrobenzene-d5
 Concen: 97.03 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099240.D
 Acq: 8 Oct 2017 18:58

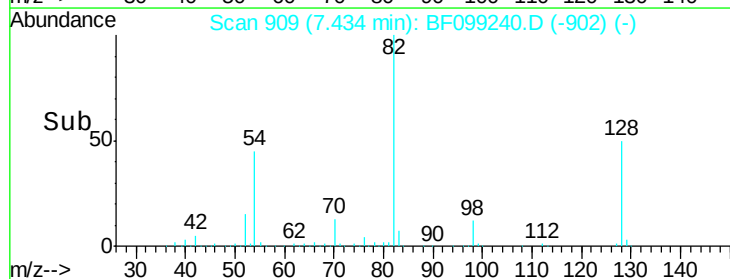
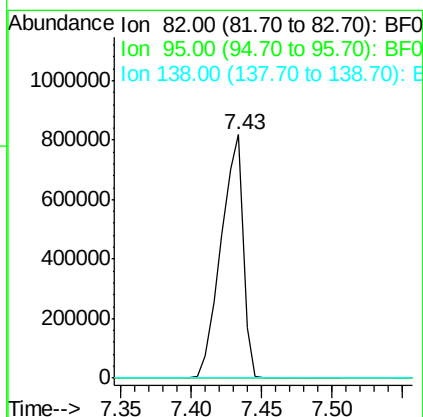
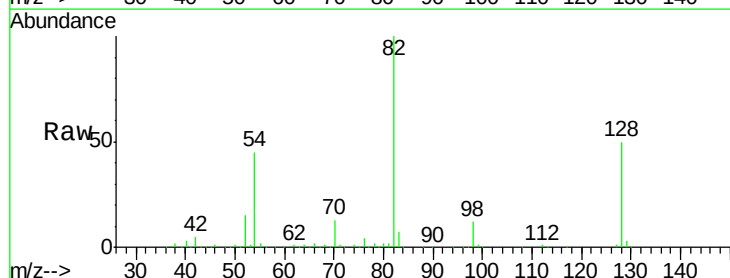
Instrument :
 BNA_F
 ClientSampled :

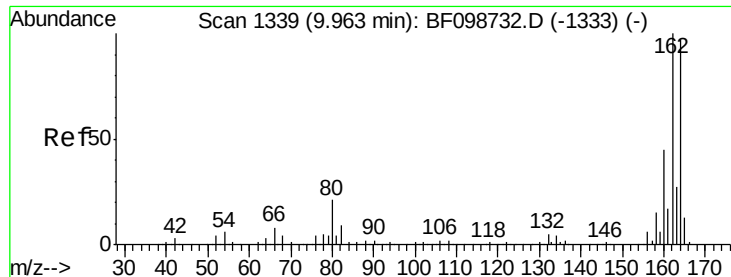
Tot Ion	82	Resp	892555
Ion Ratio	Lower	Upper	
82	100		
128	49.6	36.1	54.1
54	45.4	41.4	62.2



#25
 Isophorone
 Concen: 46.93 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF099240.D
 Acq: 8 Oct 2017 18:58

Tgt Ion	82	Resp	892540
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

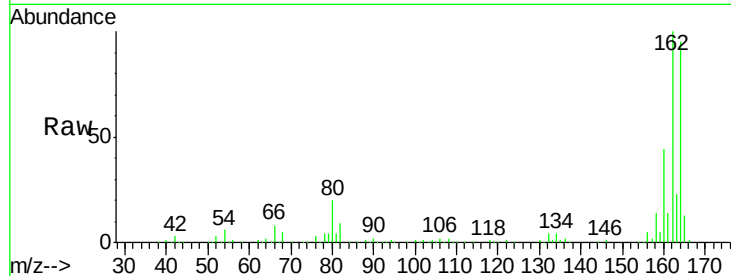




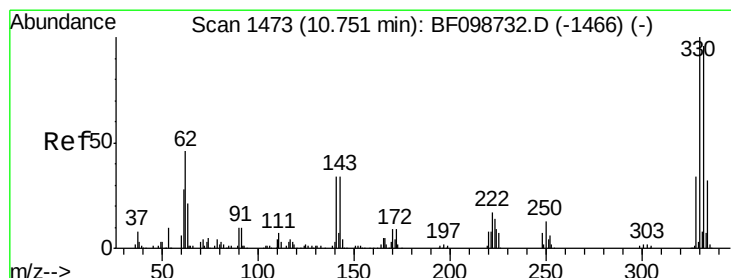
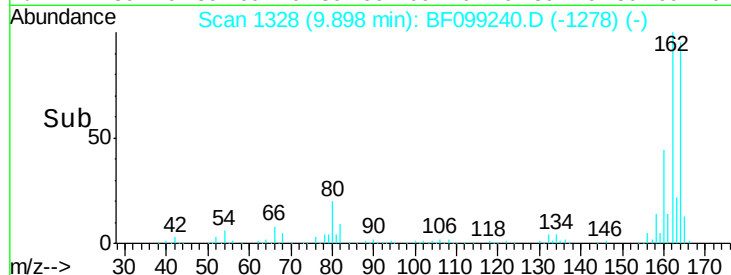
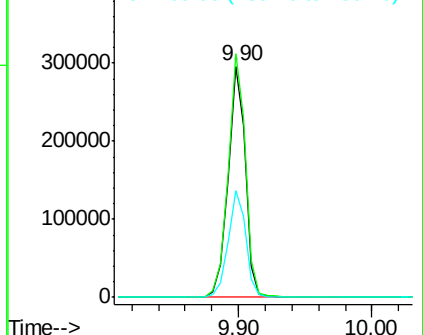
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099240.D
 Acq: 8 Oct 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 270823
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 46.2 38.3 57.5

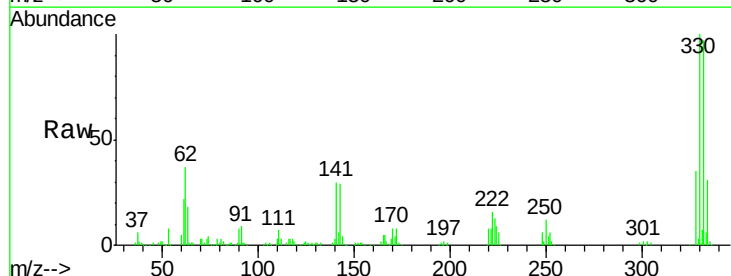


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

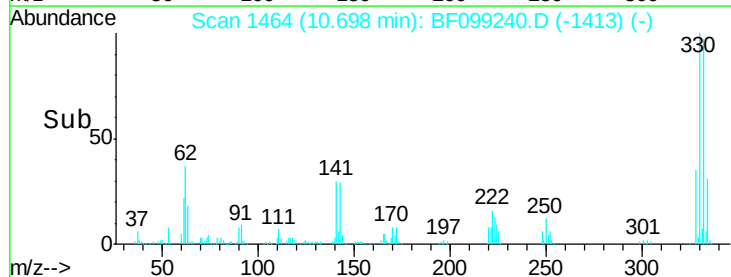
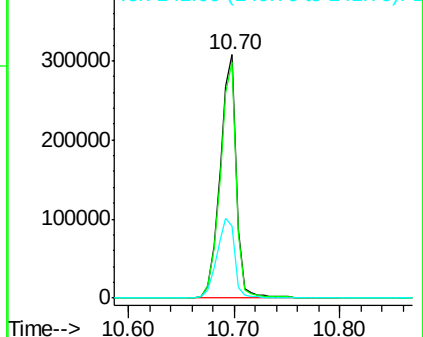


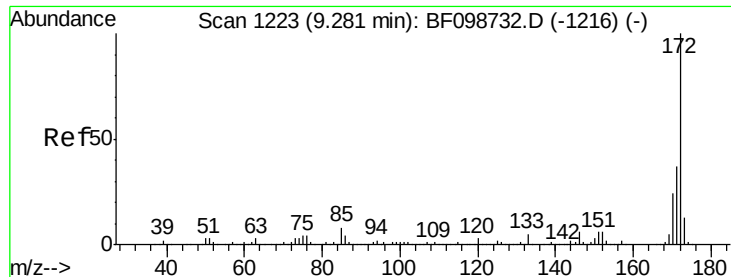
#41
 2,4,6-Tribromophenol
 Concen: 150.56 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099240.D
 Acq: 8 Oct 2017 18:58

Tgt Ion:330 Resp: 333656
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 36.5 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

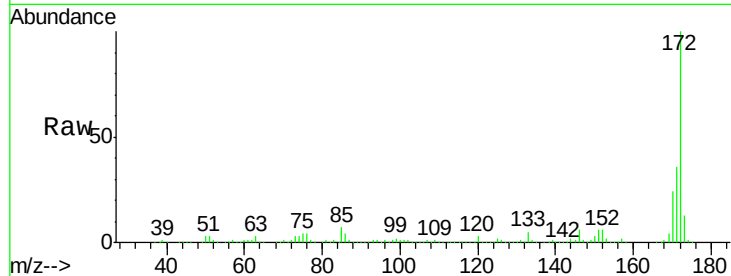




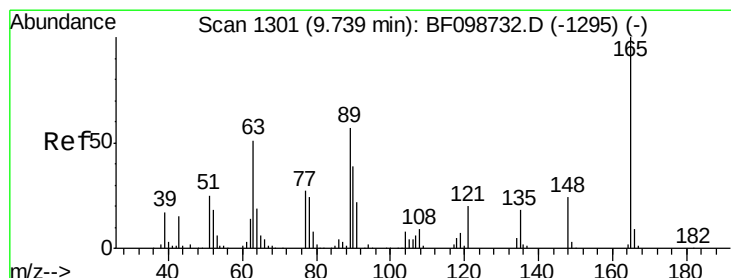
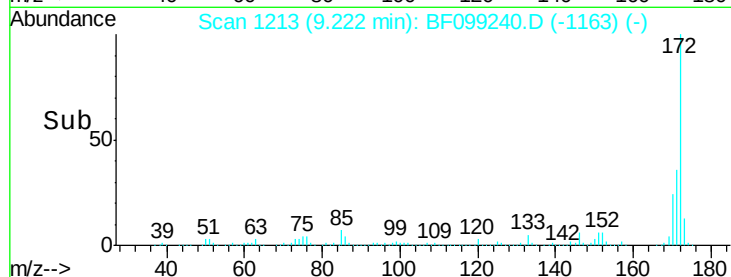
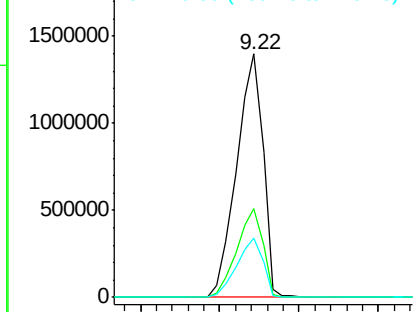
#44
2-Fluorobiphenyl
Concen: 99.42 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099240.D
Acq: 8 Oct 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1612836
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4

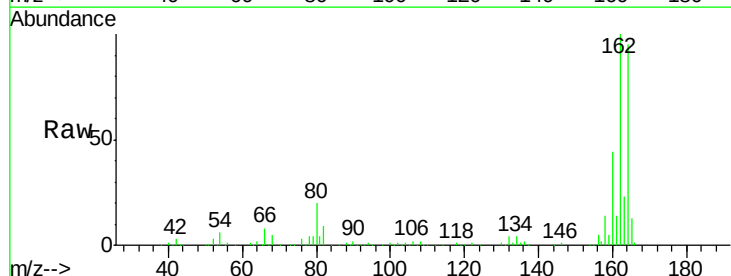


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

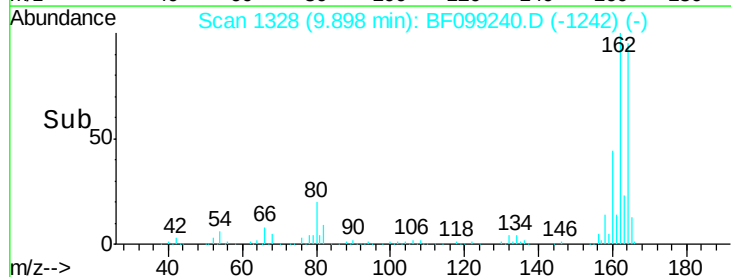
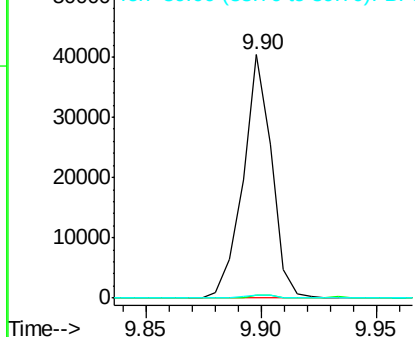


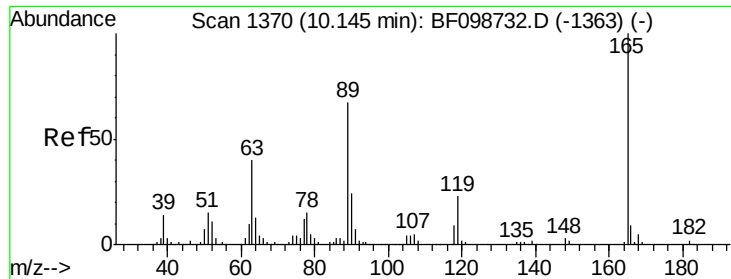
#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099240.D
Acq: 8 Oct 2017 18:58

Tgt Ion:165 Resp: 34847
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.1 44.0 66.0#



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

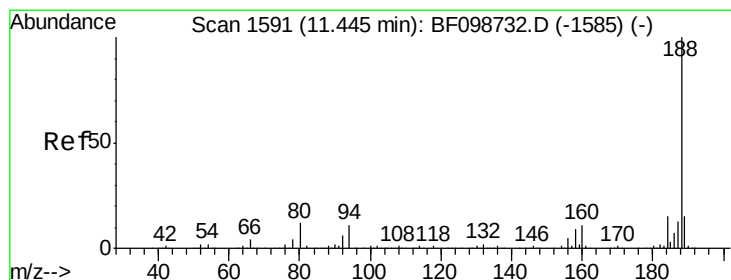
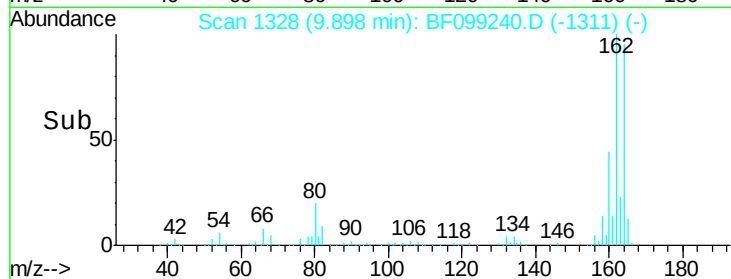
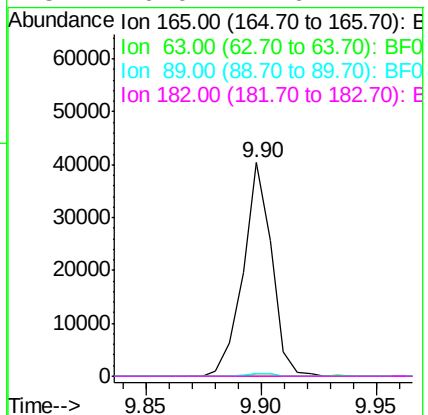
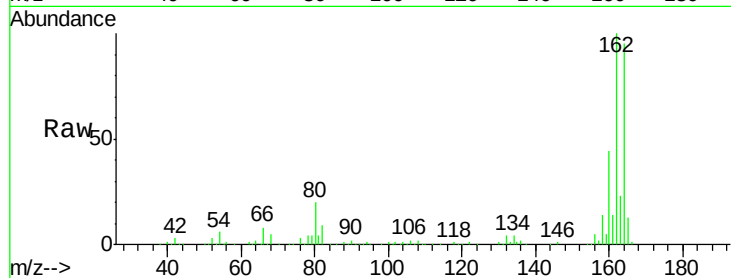




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099240.D
 Acq: 8 Oct 2017 18:58

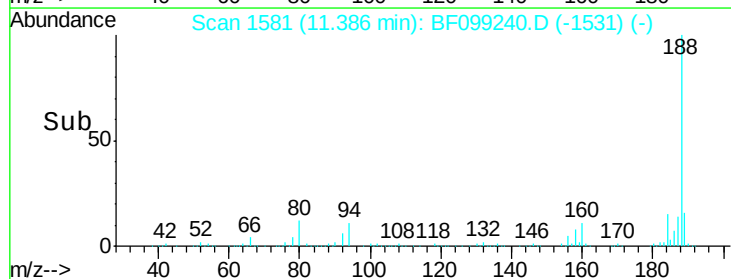
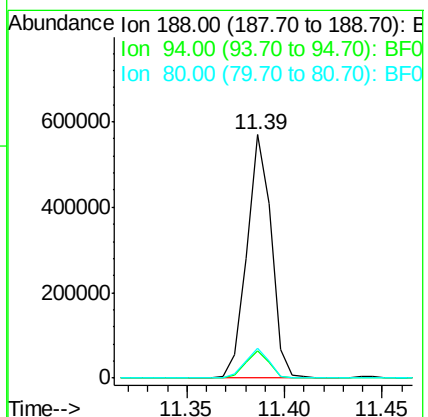
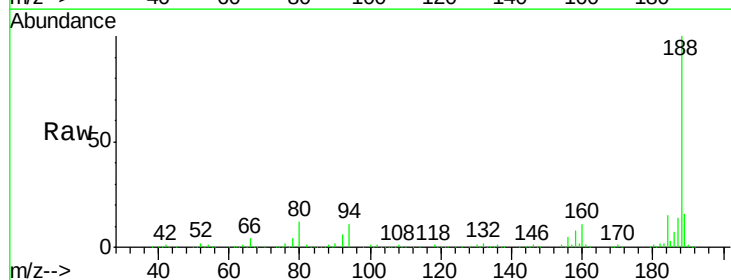
Instrument :
 BNA_F
 ClientSampleId :

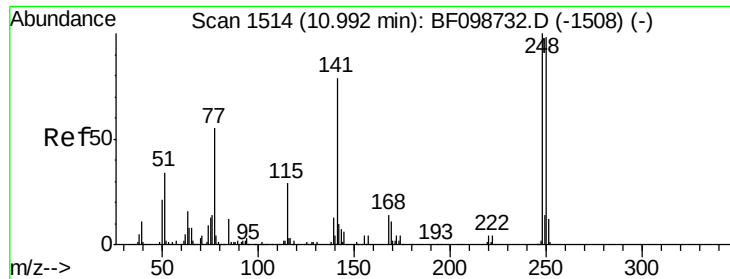
Tot Ion:165	Resp:	34847
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099240.D
 Acq: 8 Oct 2017 18:58

Tgt Ion:188	Resp:	495136
Ion Ratio	Lower	Upper
188	100	
94	11.2	8.5 12.7
80	12.1	9.2 13.8

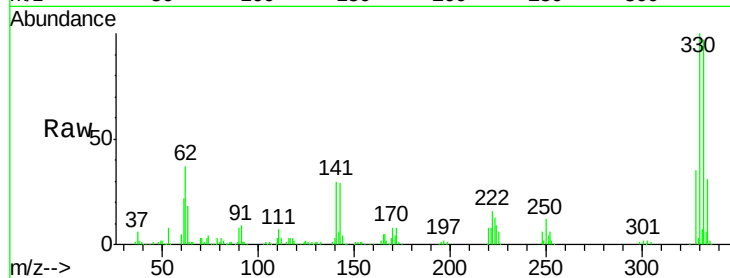




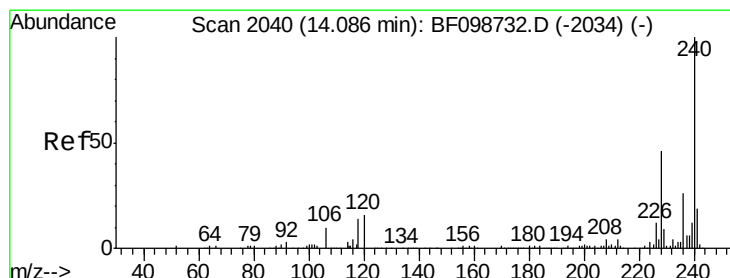
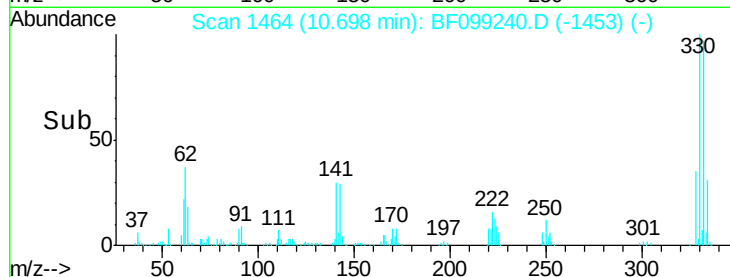
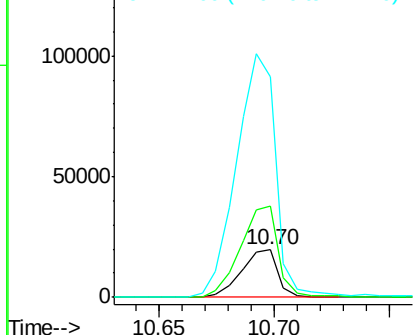
#66
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF099240.D
Acq: 8 Oct 2017 18:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21697
Ion Ratio Lower Upper
248 100
250 192.3 76.9 115.3#
141 465.3 74.4 111.6#

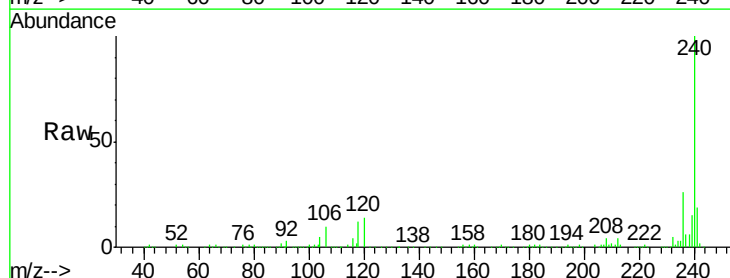


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

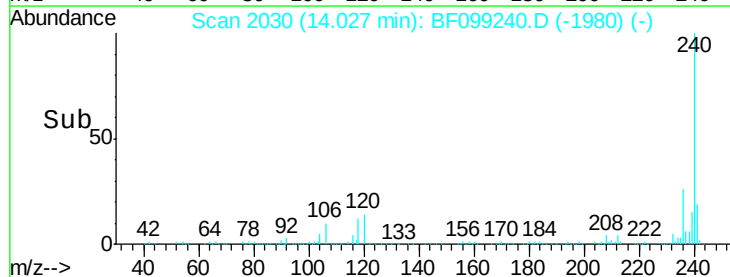
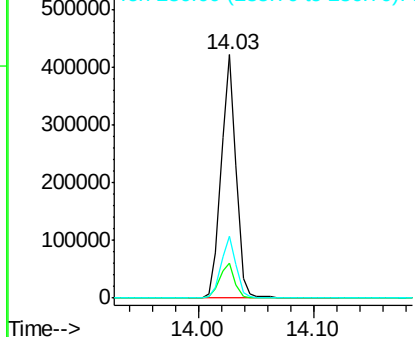


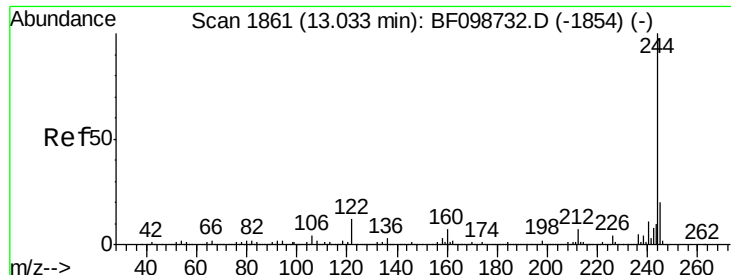
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099240.D
Acq: 8 Oct 2017 18:58

Tgt Ion:240 Resp: 378084
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.6 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: 87.69 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099240.D

Acq: 8 Oct 2017 18:58

Instrument :

BNA_F

ClientSampleId :

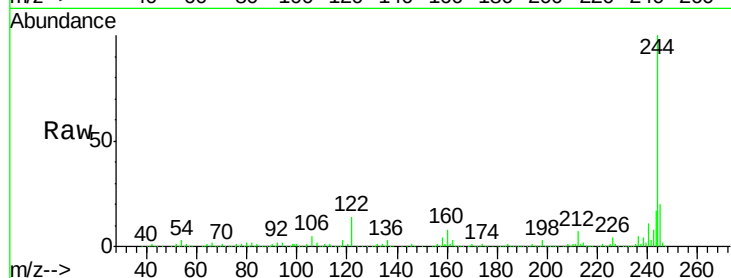
Tot Ion:244 Resp: 1457898

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

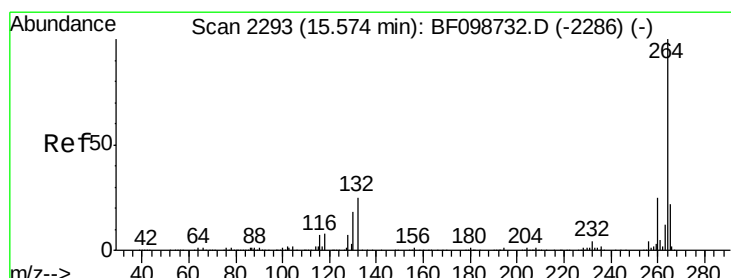
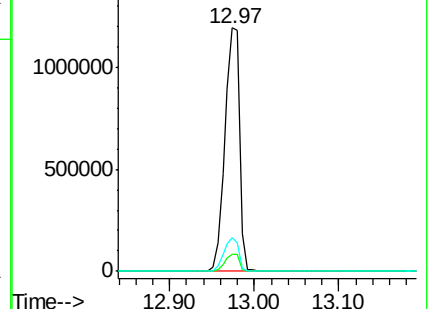
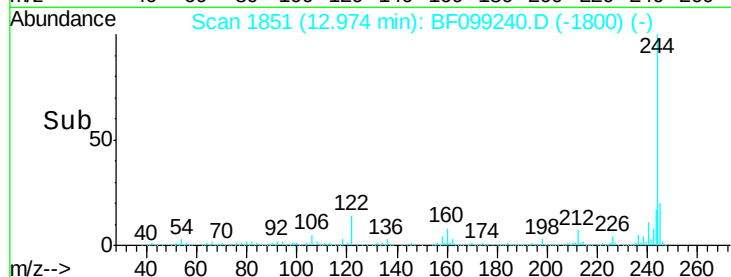
122 13.6 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099240.D

Acq: 8 Oct 2017 18:58

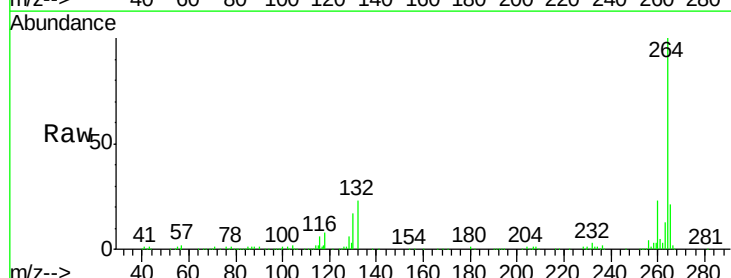
Tgt Ion:264 Resp: 274427

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.1 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

