

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099150.D
 Acq On : 6 Oct 2017 16:33
 Operator : SJ/JU
 Sample : PB102939BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 22:55:46 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

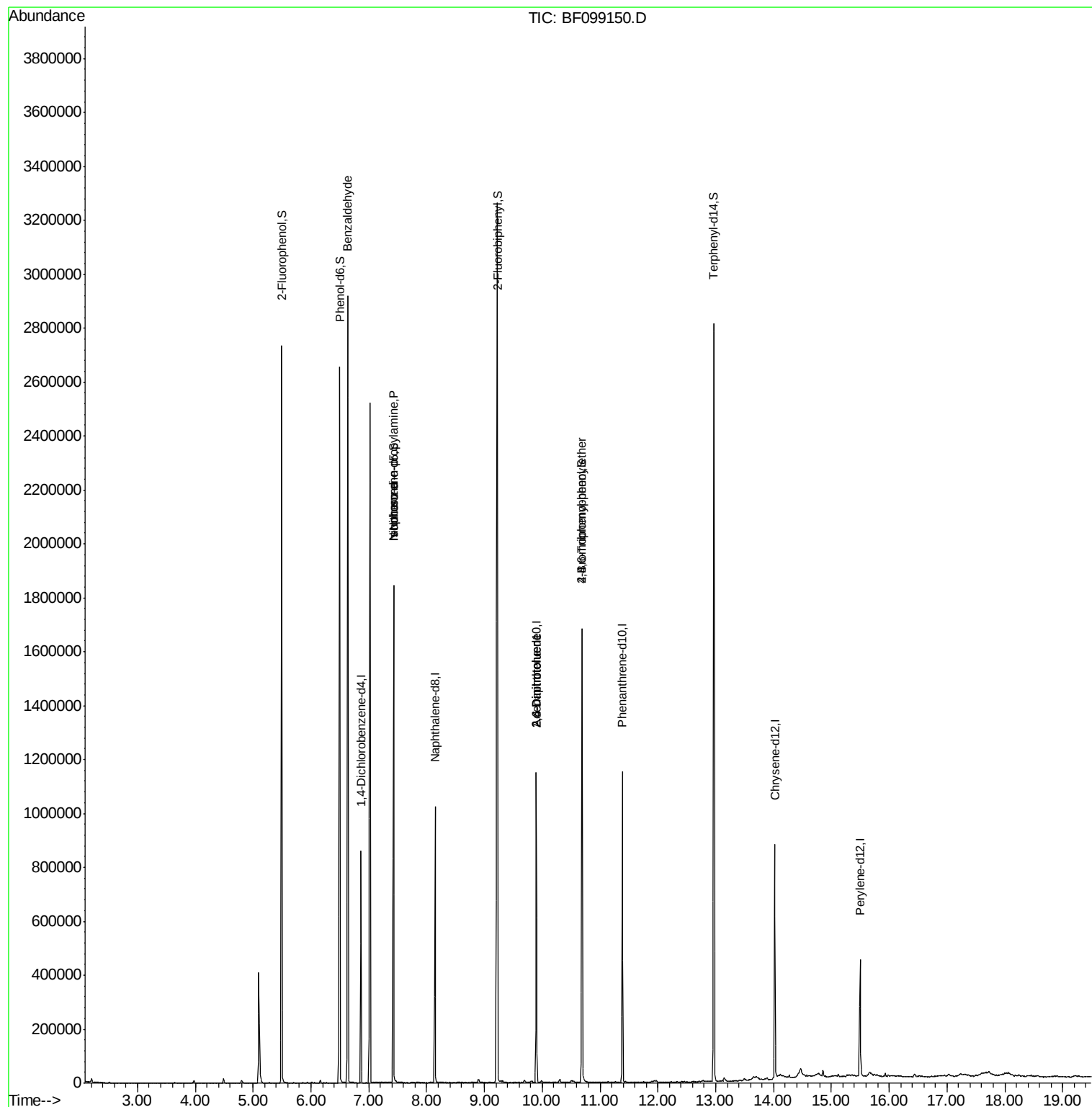
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117254	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	478561	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	215681	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	383306	20.00	ng	0.00
75) Chrysene-d12	14.02	240	260367	20.00	ng	-0.01
86) Perylene-d12	15.50	264	195400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	905849	122.98	ng	0.01
7) Phenol-d6	6.50	99	1068646	117.61	ng	0.00
23) Nitrobenzene-d5	7.43	82	644853	86.41	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	224283	127.08	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1189189	92.05	ng	0.00
78) Terphenyl-d14	12.97	244	1040135	90.85	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	18106	3.44	ng	88
19) n-Nitroso-di-n-propylamine	7.43	70	82285	14.18	ng	# 73
25) Isophorone	7.43	82	644649	41.78	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	27272	7.70	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	27272	5.93	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	15288	4.07	ng	# 1

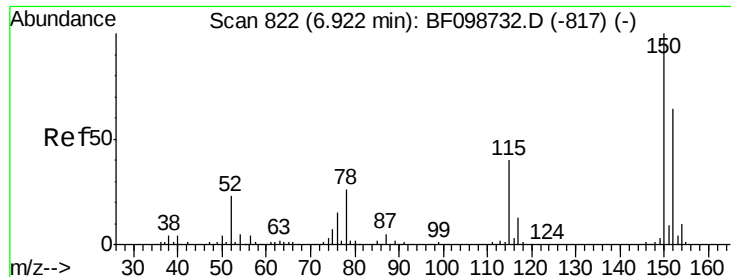
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
Data File : BF099150.D
Acq On : 6 Oct 2017 16:33
Operator : SJ/JU
Sample : PB102939BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 06 22:55:46 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



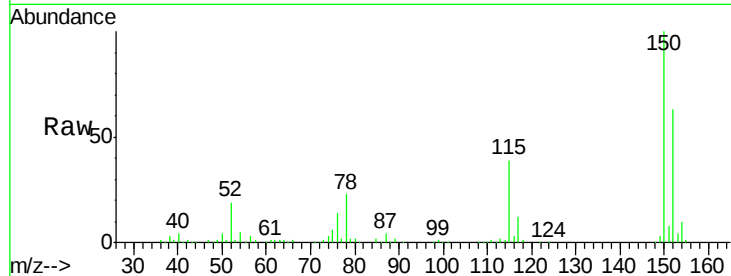


#1

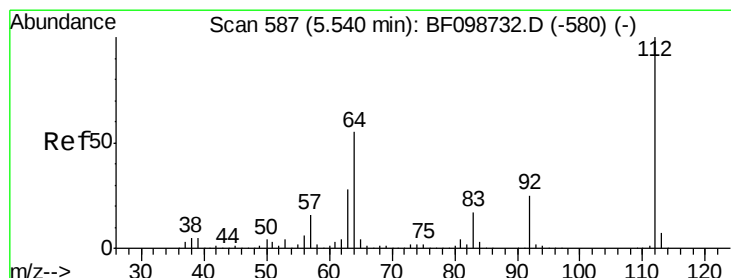
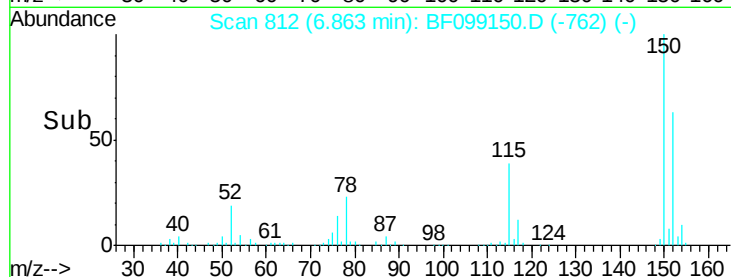
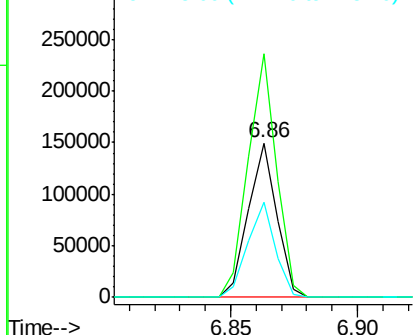
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099150.D
Acq: 6 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117254
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.6 50.1 75.1



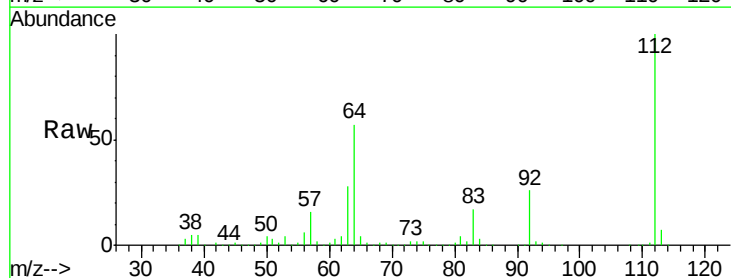
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



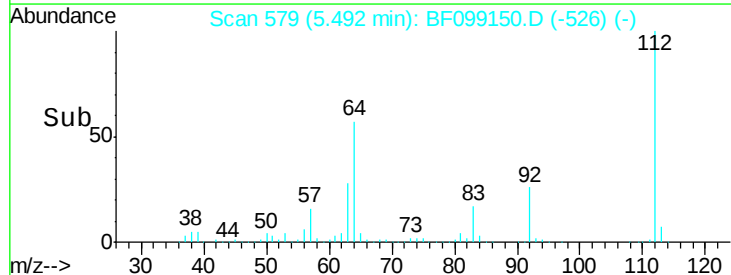
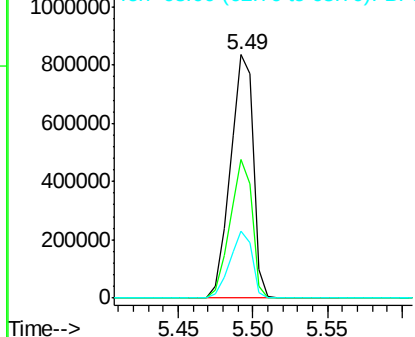
#5

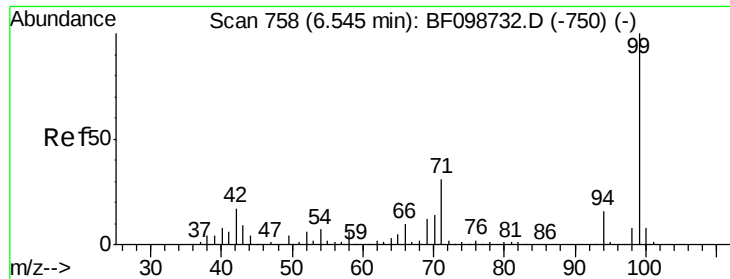
2-Fluorophenol
Concen: 122.98 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099150.D
Acq: 6 Oct 2017 16:33

Tgt Ion:112 Resp: 905849
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 27.6 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: 117.61 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

Instrument :

BNA_F

ClientSampled :

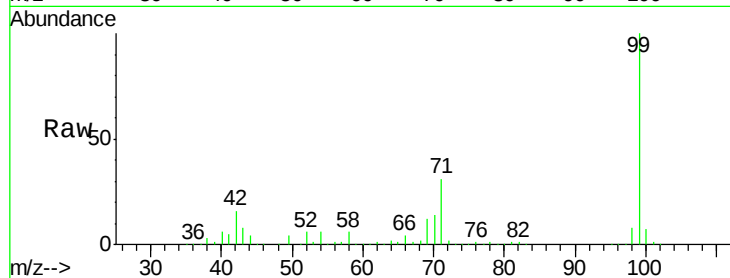
Tot Ion: 99 Resp: 1068646

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

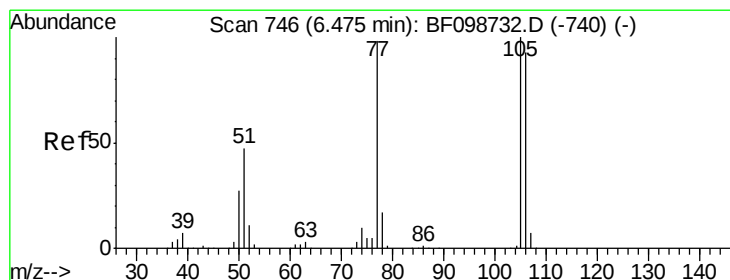
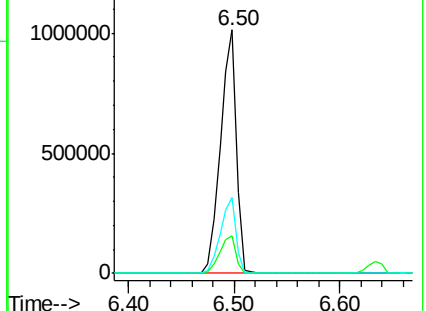
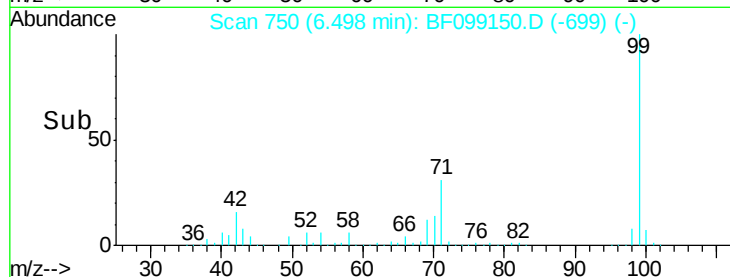
71 31.1 25.4 38.0



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: 3.44 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

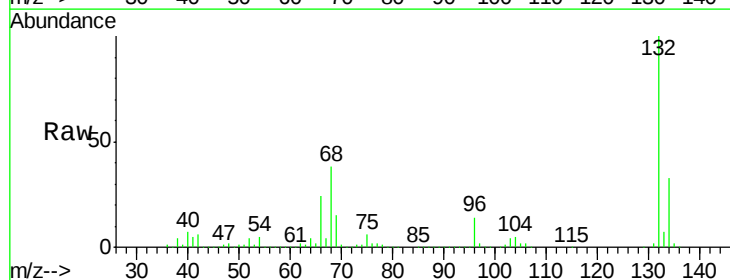
Tgt Ion: 77 Resp: 18106

Ion Ratio Lower Upper

77 100

105 91.0 81.1 121.1

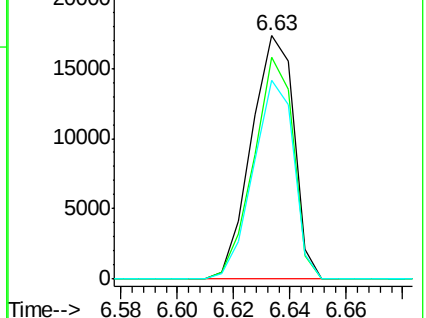
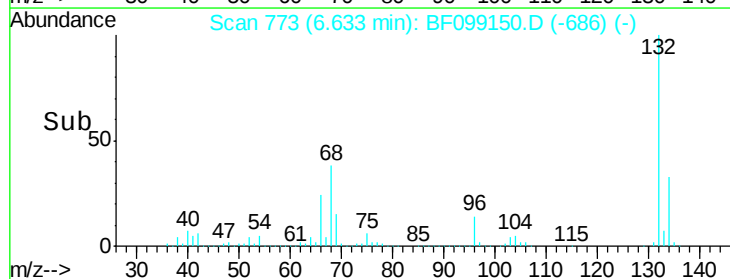
106 81.8 74.5 114.5

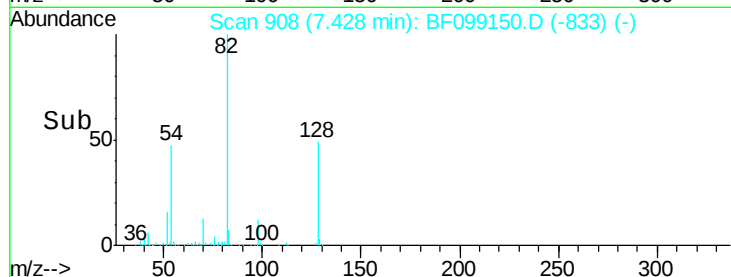
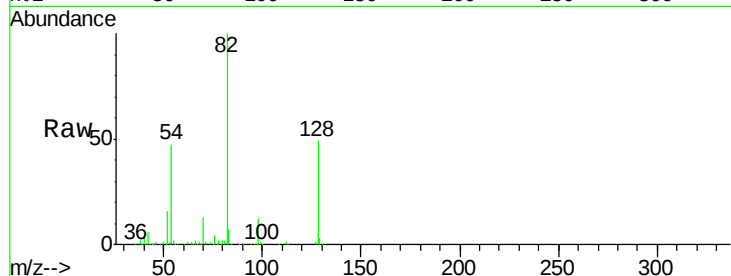
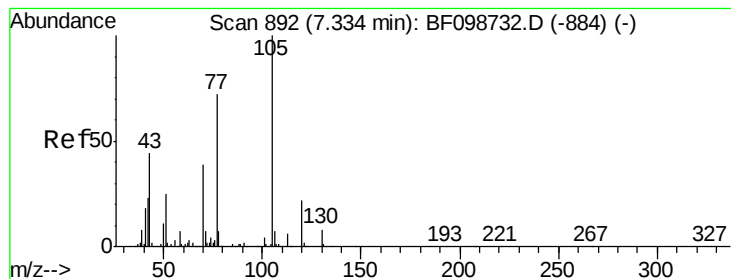


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.18 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 82285

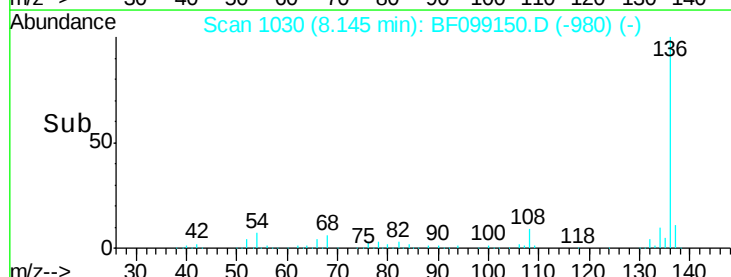
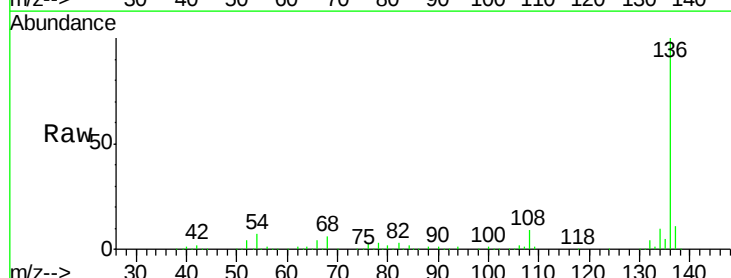
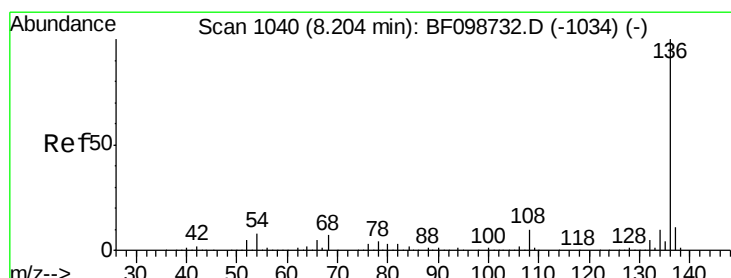
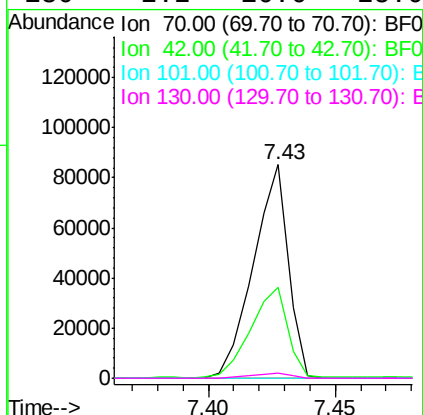
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 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: BF099150.D

Acq: 6 Oct 2017 16:33

Tgt Ion: 136 Resp: 478561

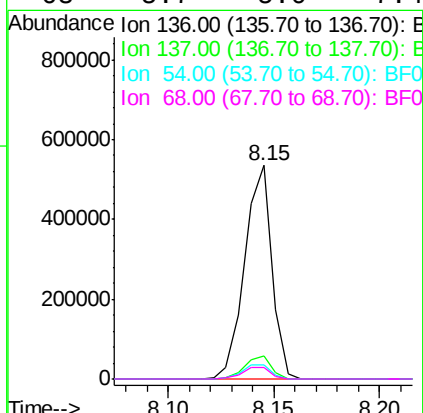
Ion Ratio Lower Upper

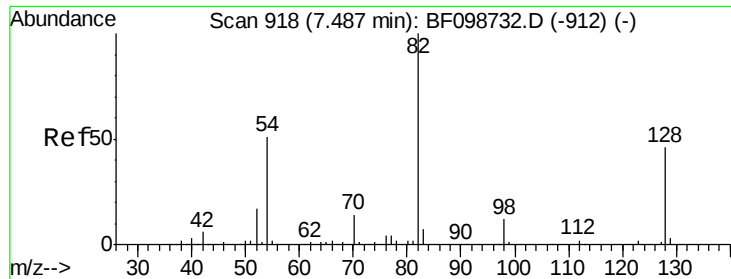
136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

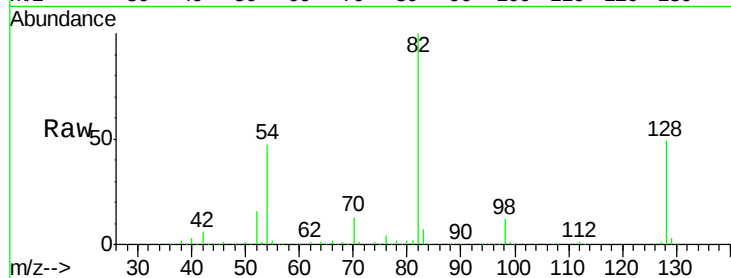




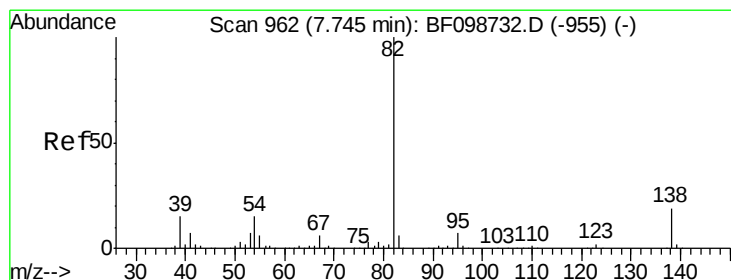
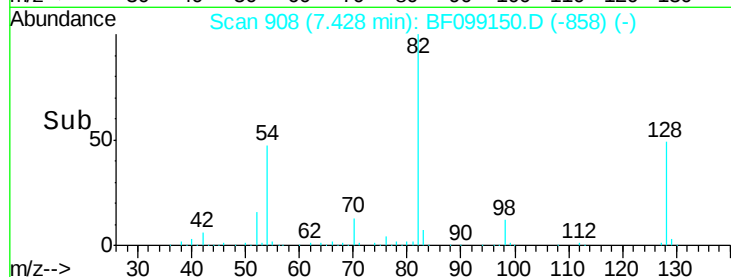
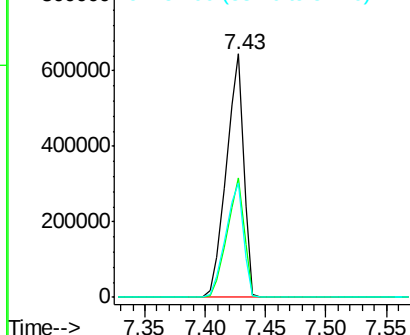
#23
 Nitrobenzene-d5
 Concen: 86.41 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	644853
Ion Ratio	100	Lower	Upper
128	48.9	36.1	54.1
54	47.2	41.4	62.2

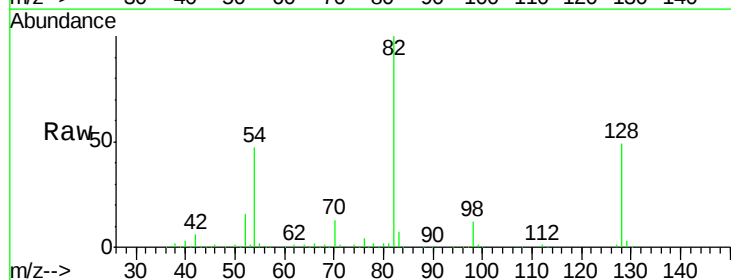


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

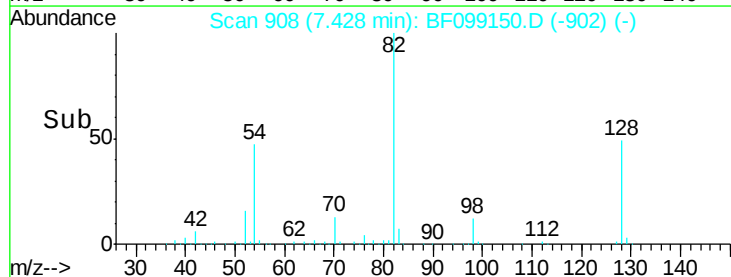
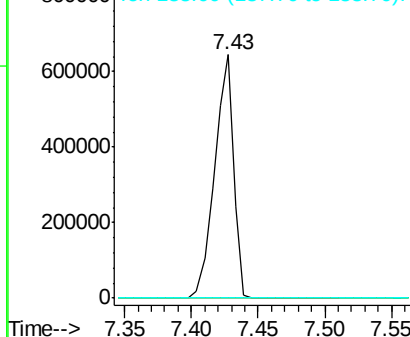


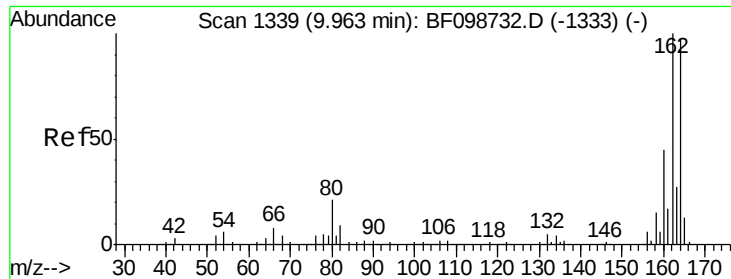
#25
 Isophorone
 Concen: 41.78 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Tgt Ion	82	Resp	644649
Ion Ratio	100	Lower	Upper
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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

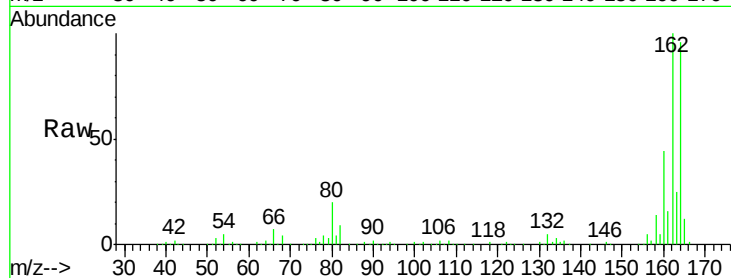
Tot Ion:164 Resp: 215681

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

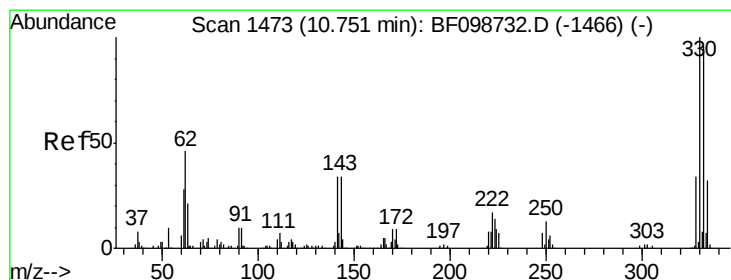
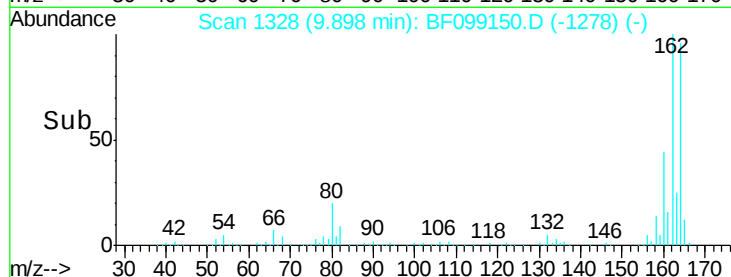
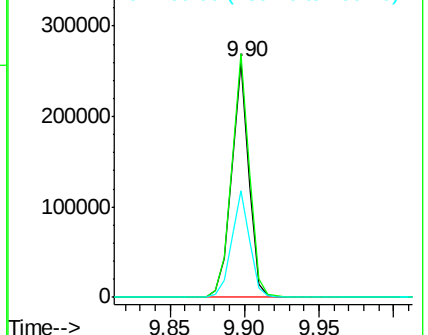
160 45.4 38.3 57.5



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: 127.08 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

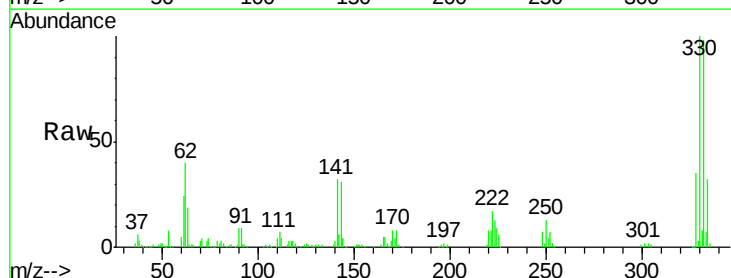
Tgt Ion:330 Resp: 224283

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

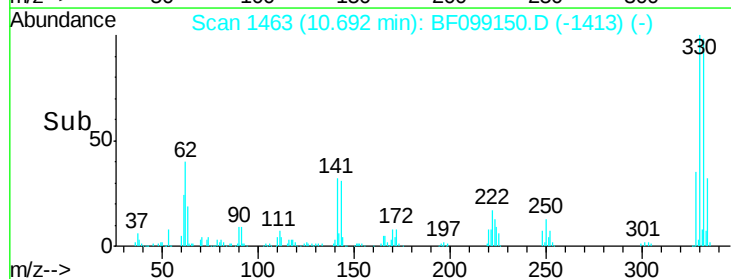
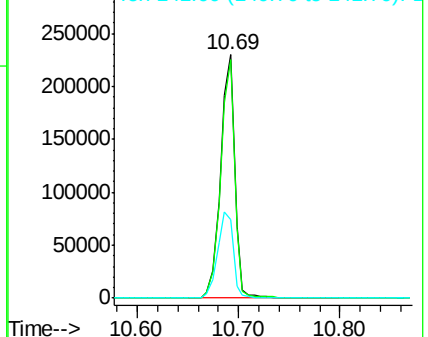
141 39.4 29.9 44.9

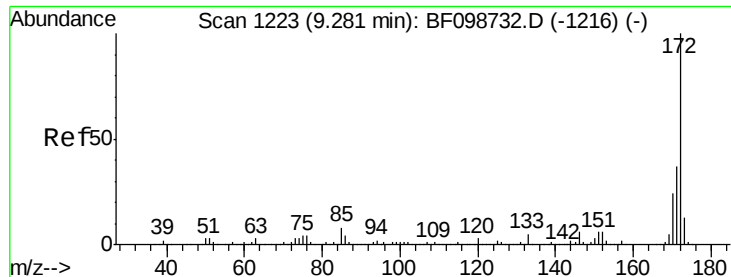


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



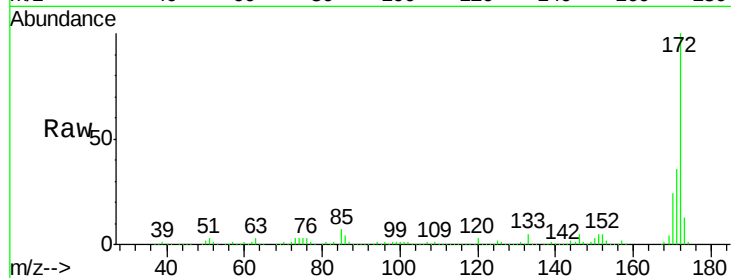


#44
 2-Fluorobiphenyl
 Concen: 92.05 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

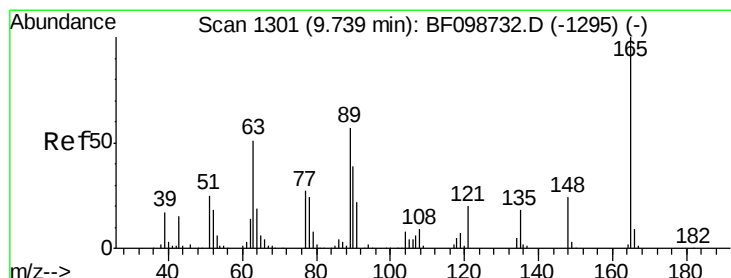
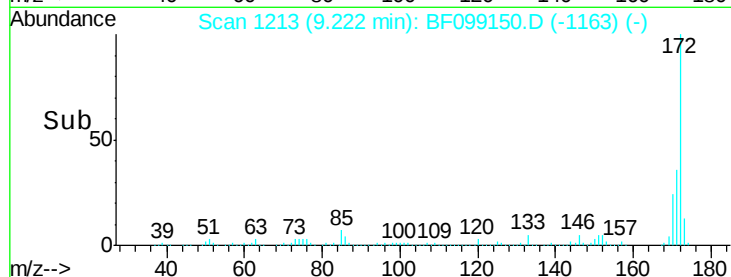
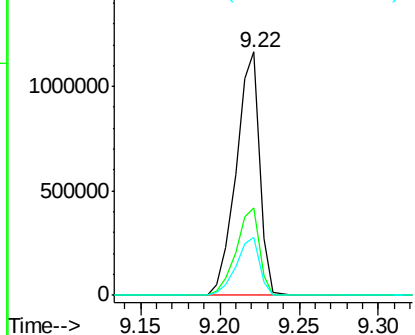
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1189189

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



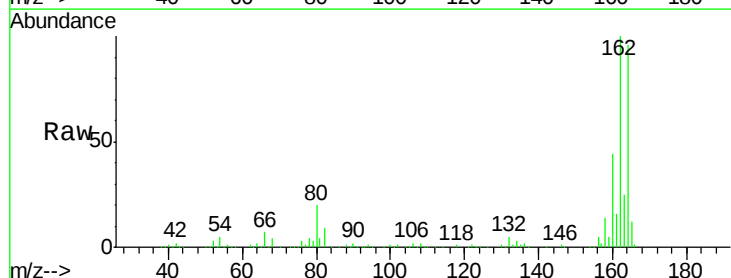
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



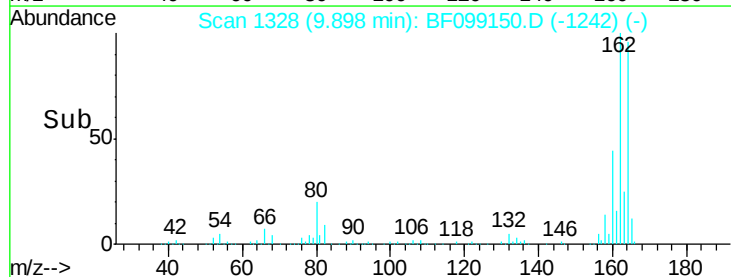
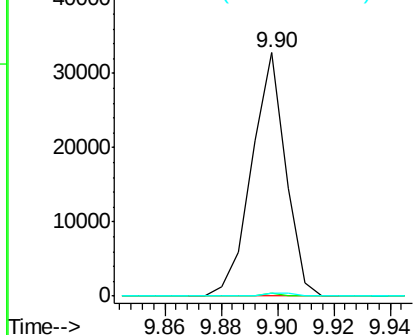
#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

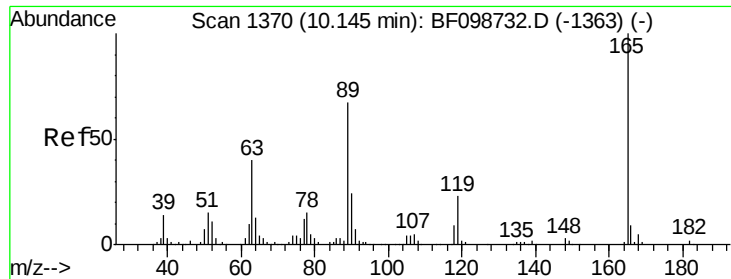
Tgt Ion:165 Resp: 27272

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	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

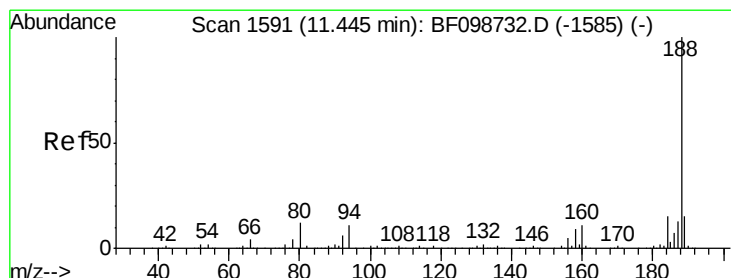
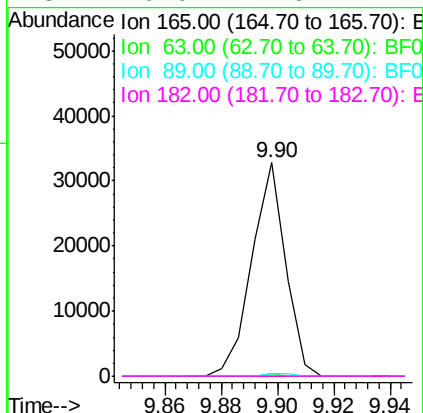
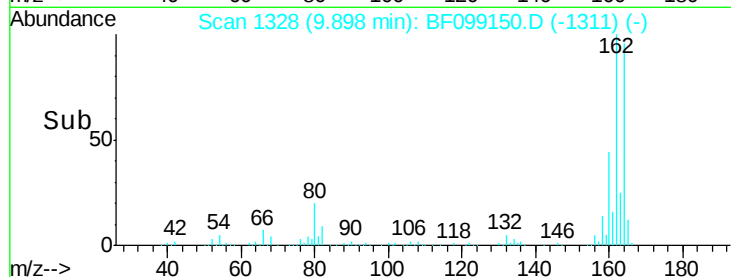
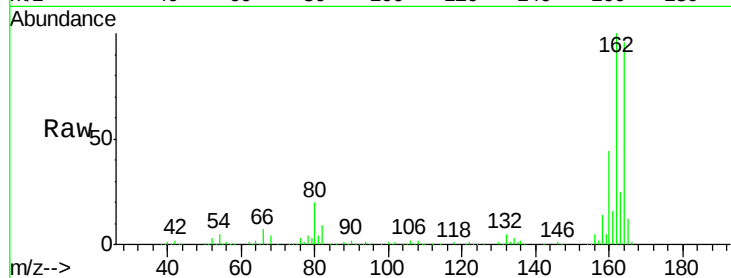




#56
 2,4-Dinitrotoluene
 Concen: 5.93 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

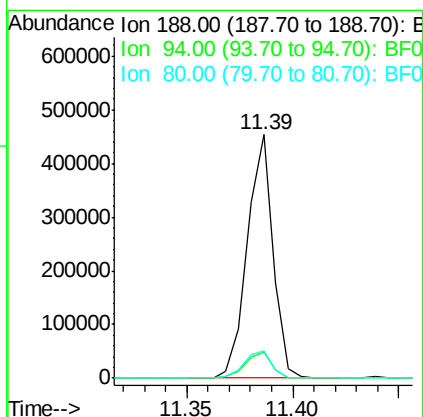
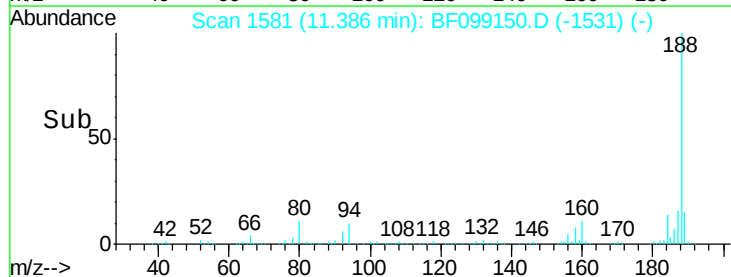
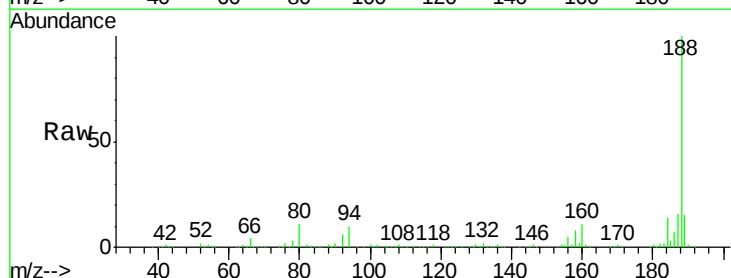
Instrument :
 BNA_F
 ClientSampleId :

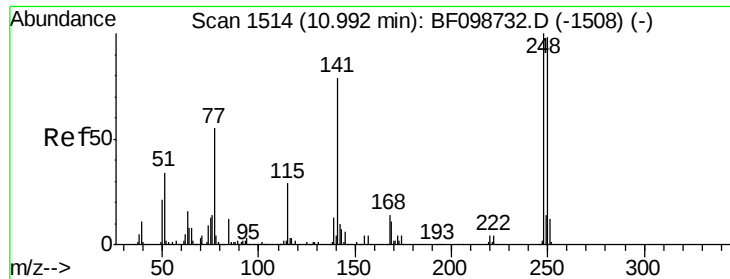
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

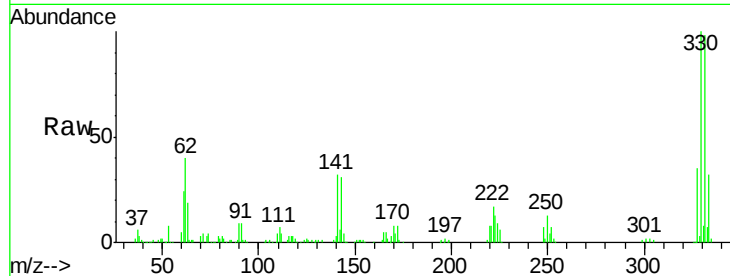




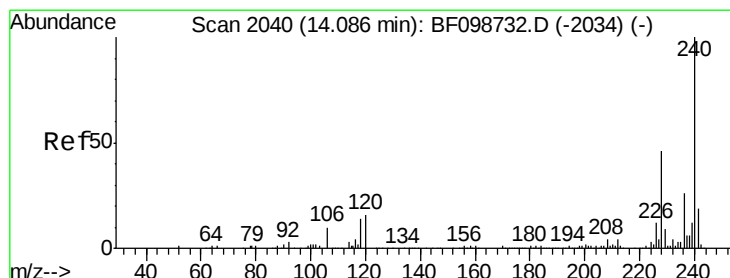
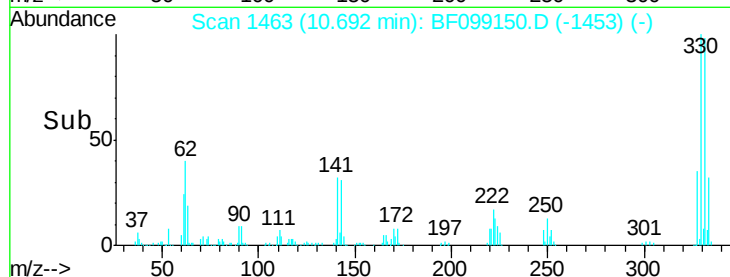
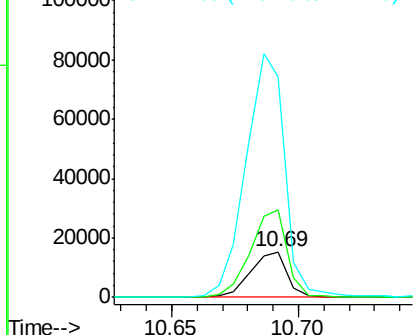
#66
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099150.D
Acq: 6 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15288
Ion Ratio Lower Upper
248 100
250 191.8 76.9 115.3#
141 484.1 74.4 111.6#

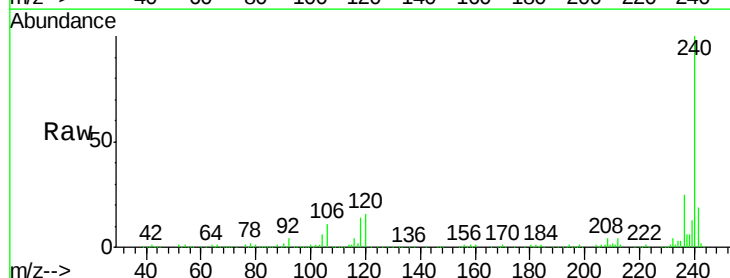


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

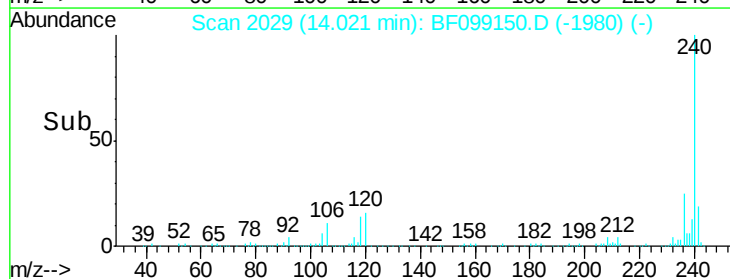
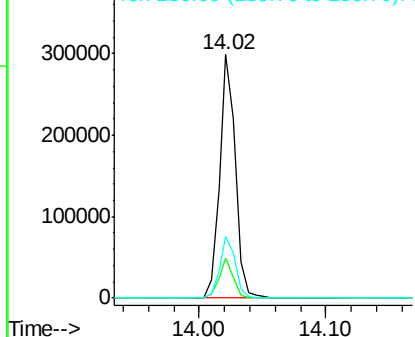


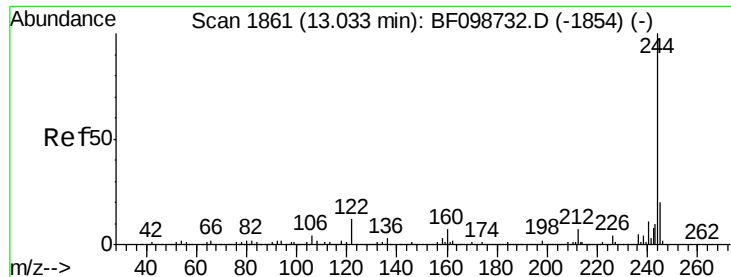
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099150.D
Acq: 6 Oct 2017 16:33

Tgt Ion:240 Resp: 260367
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 25.2 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: 90.85 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

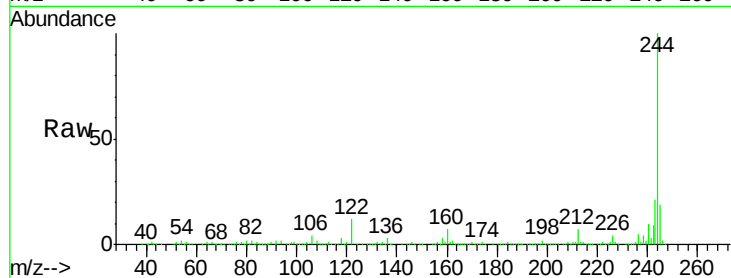
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1040135

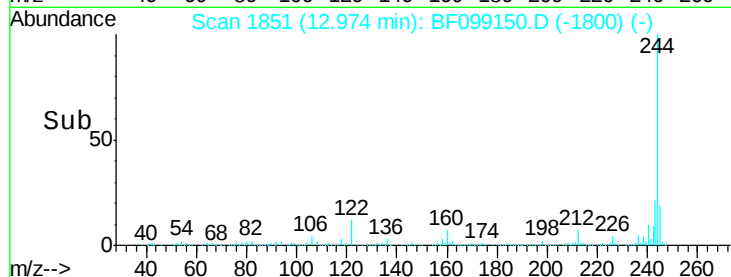
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4



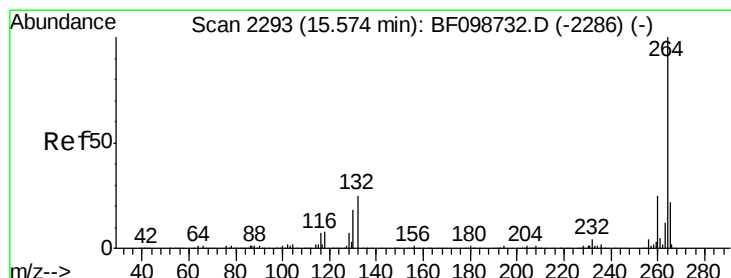
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2280

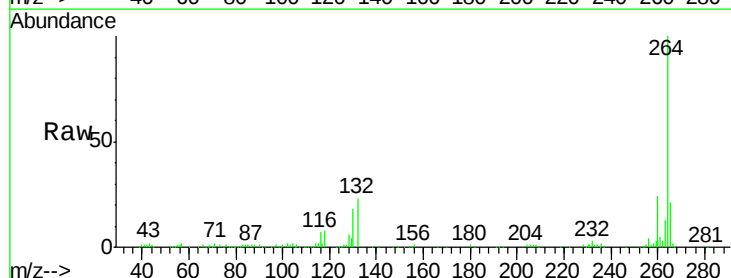
Delta R.T. -0.01 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

Tgt Ion:264 Resp: 195400

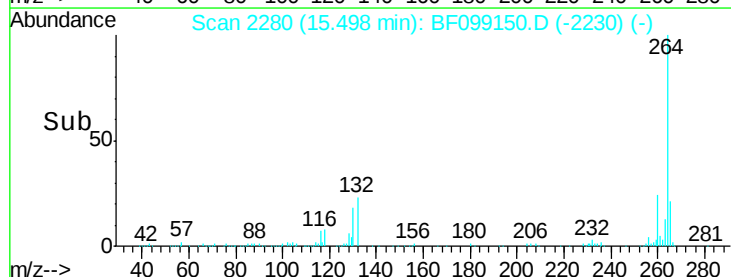
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3



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



Time-->