

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099587.D
 Acq On : 17 Oct 2017 18:05
 Operator : SJ/JU
 Sample : I5794-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:52:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

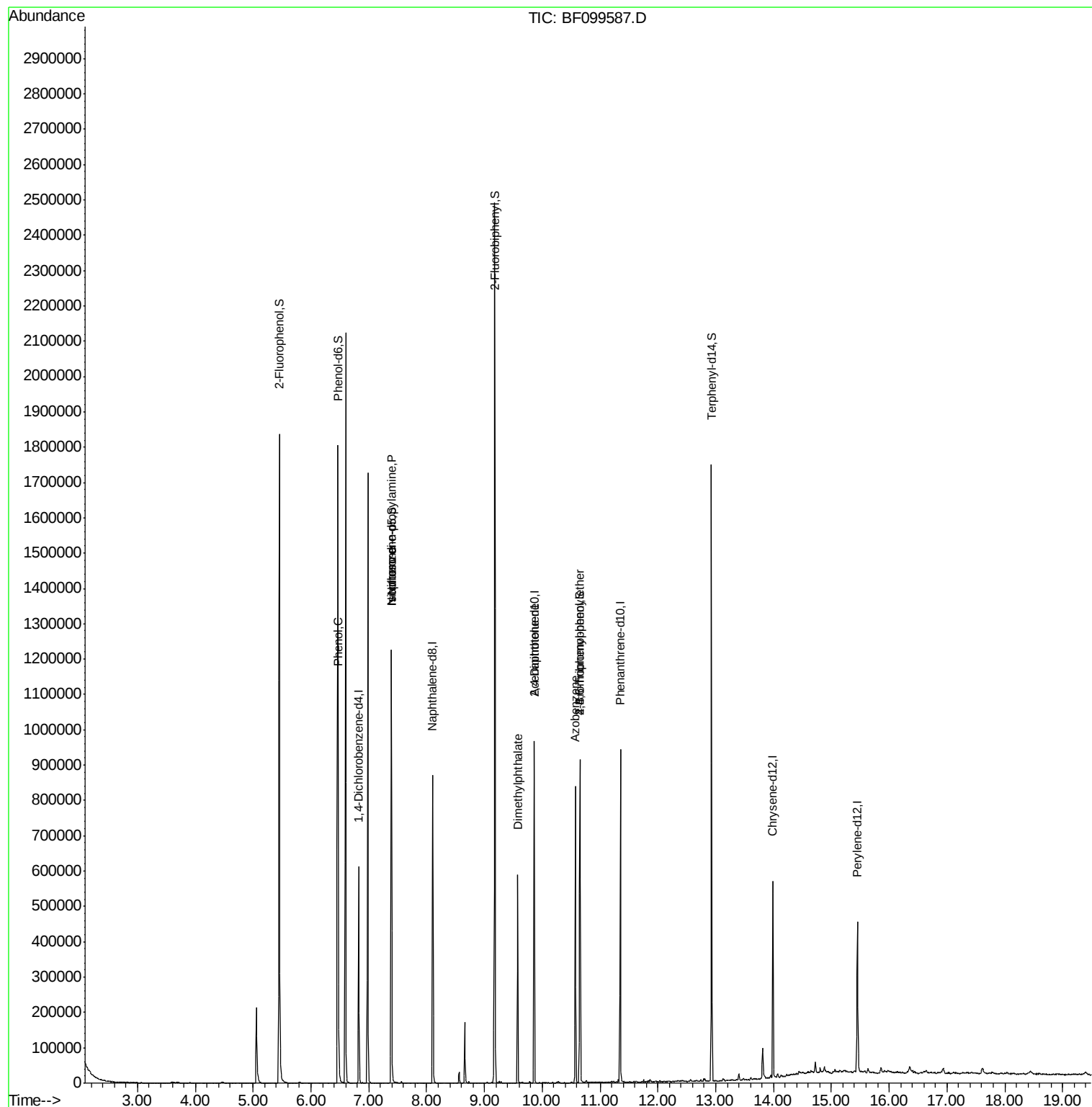
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	101739	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	425389	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	194989	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	328835	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180719	20.00	ng	-0.01
86) Perylene-d12	15.45	264	179989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	585492	91.61	ng	0.00
7) Phenol-d6	6.46	99	713335	90.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	406566	61.29	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	100781	63.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	793471	67.93	ng	0.00
78) Terphenyl-d14	12.93	244	554531	69.78	ng	0.00
Target Compounds						
10) Phenol	6.47	94	42291	4.80	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.39	70	51141	10.16	ng	# 72
25) Isophorone	7.39	82	406561	29.65	ng	# 64
49) Dimethylphthalate	9.57	163	220455	14.98	ng	99
56) 2,4-Dinitrotoluene	9.86	165	24788	5.96	ng	# 23
62) Azobenzene	10.57	77	135253	10.23	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	6705	2.08	ng	# 1

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

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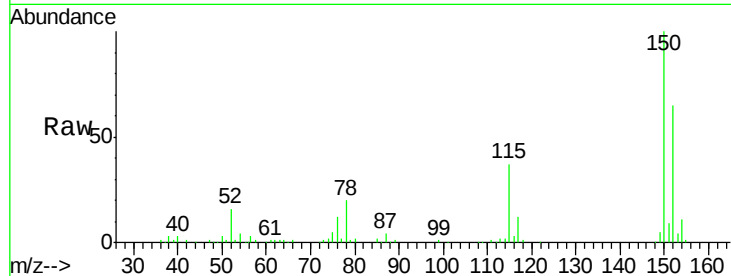


#1

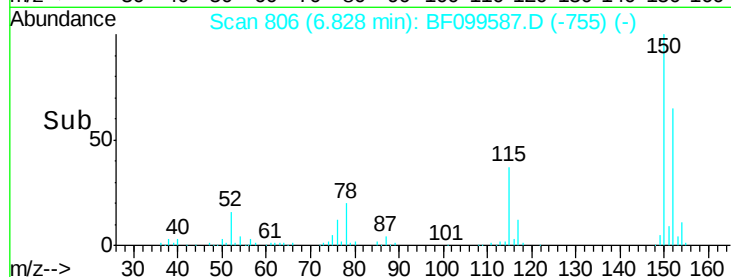
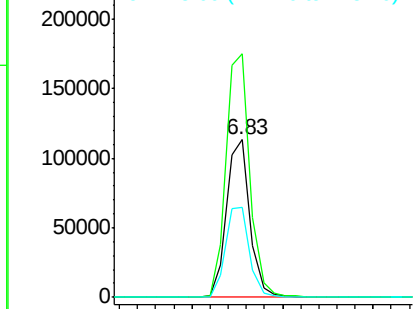
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101739
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 56.9 50.1 75.1



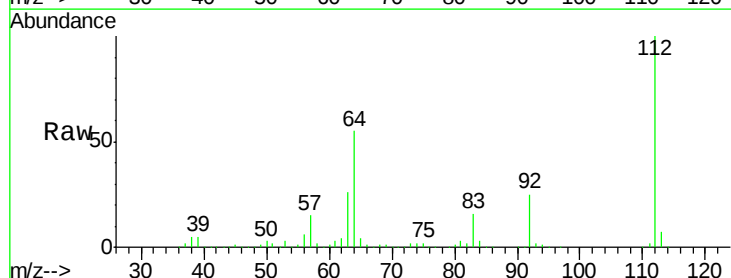
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



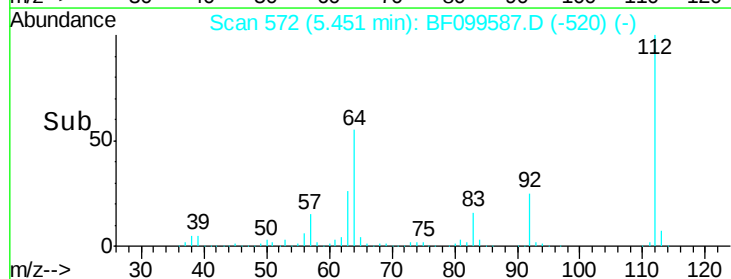
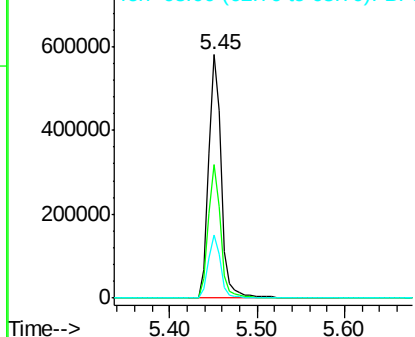
#5

2-Fluorophenol
Concen: 91.61 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Tgt Ion:112 Resp: 585492
Ion Ratio Lower Upper
112 100
64 54.6 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: 90.48 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

Instrument :

BNA_F

ClientSampleId :

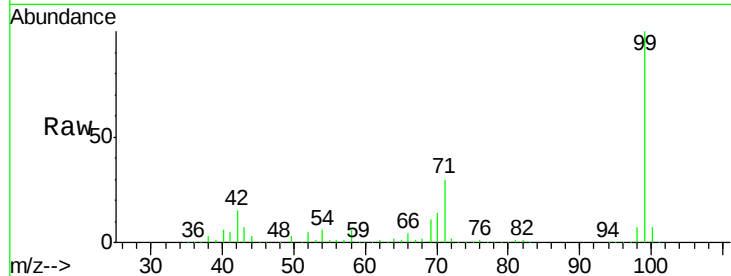
Tot Ion: 99 Resp: 713335

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

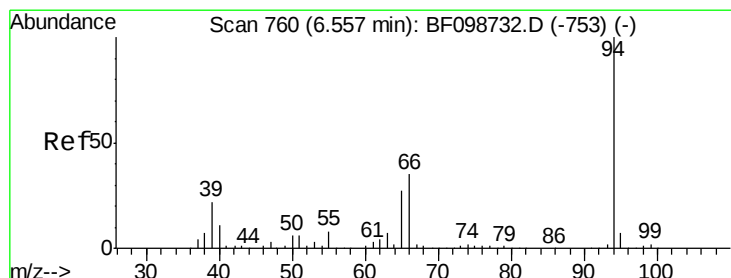
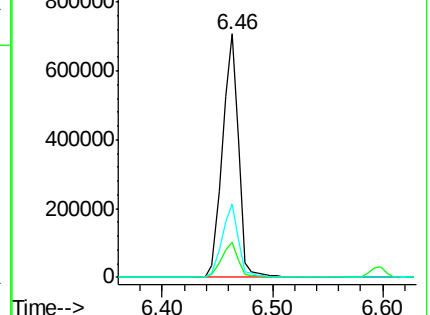
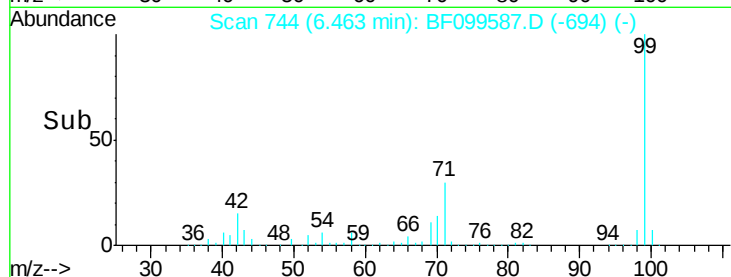
71 30.2 25.4 38.0



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



#10

Phenol

Concen: 4.80 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

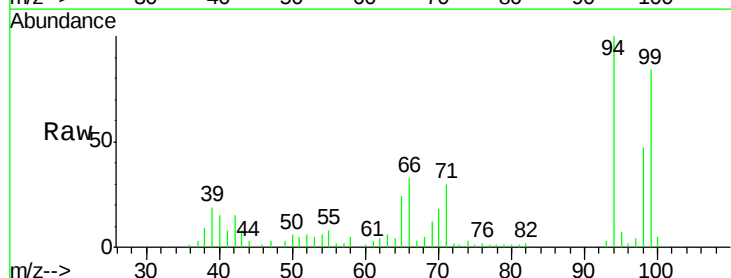
Tgt Ion: 94 Resp: 42291

Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

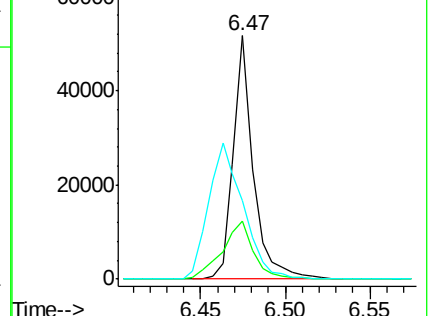
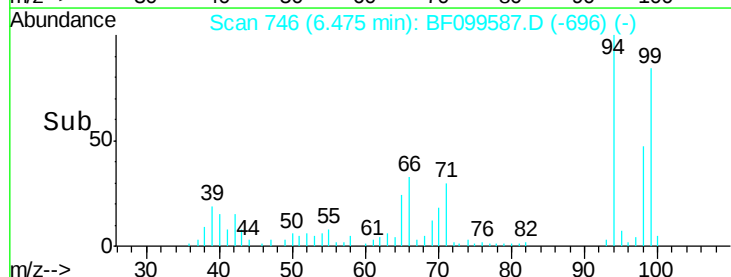
66 32.5 16.2 56.2



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





#19

n-Nitroso-di-n-propylamine

Concen: 10.16 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099587.D

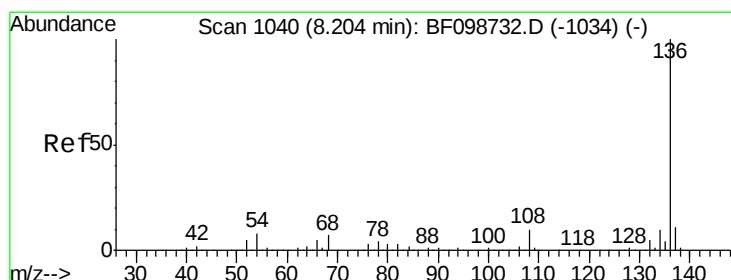
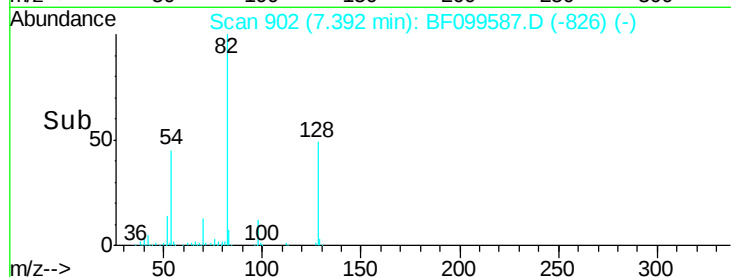
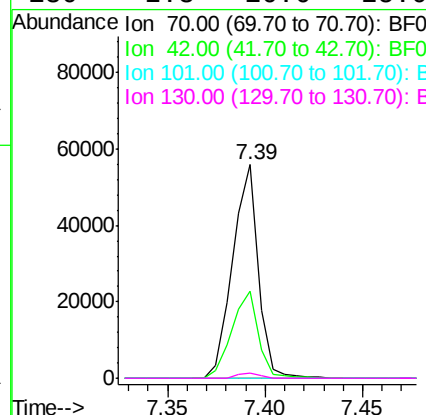
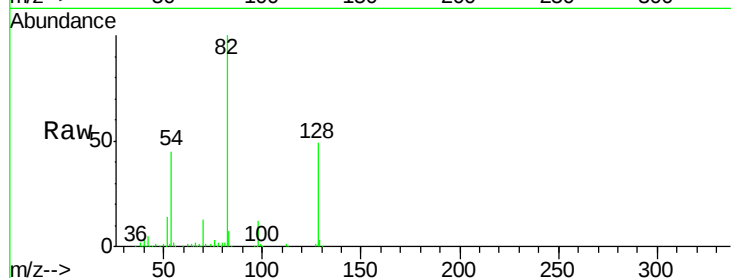
Acq: 17 Oct 2017 18:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	51141
Ion	Ratio	Lower	Upper
70	100		
42	41.1	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

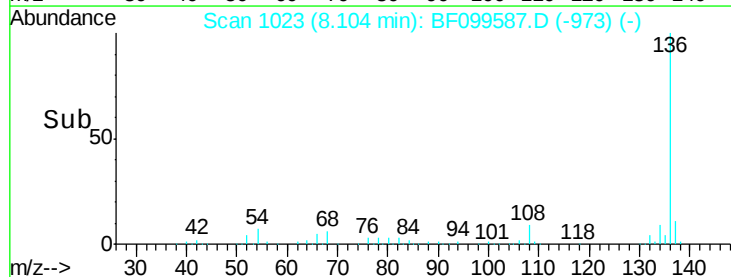
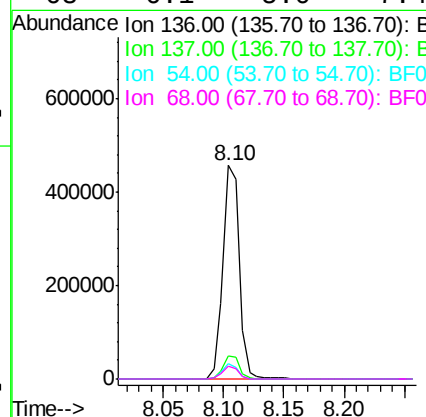
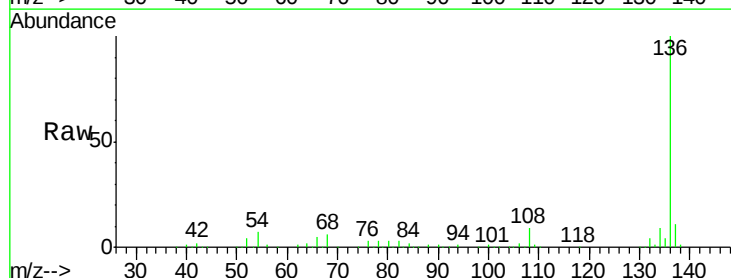
RT: 8.10 min Scan# 1023

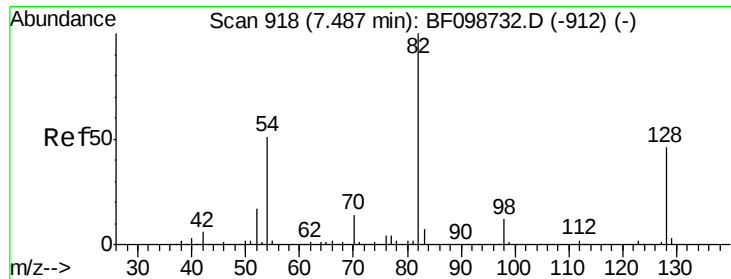
Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

Tgt Ion:	136	Resp:	425389
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

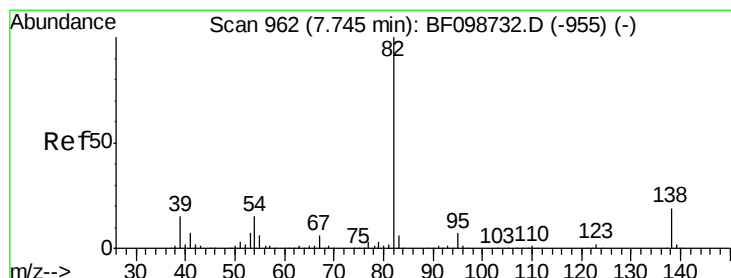
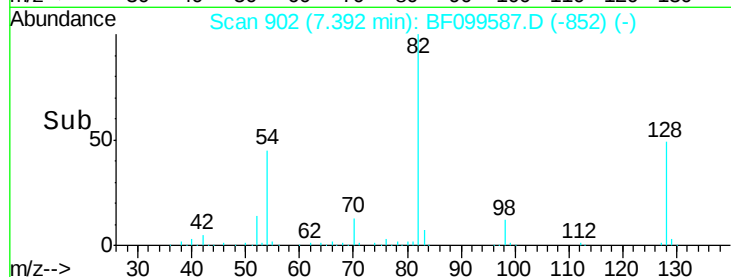
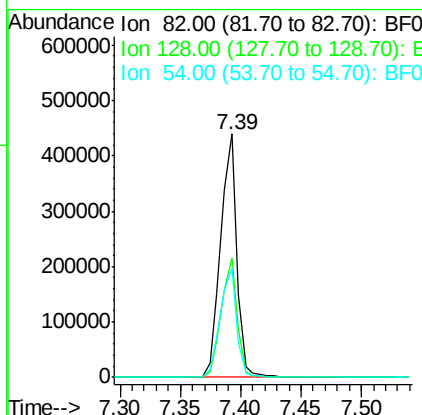
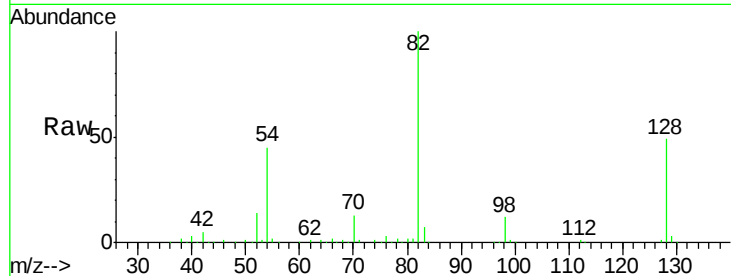




#23
 Nitrobenzene-d5
 Concen: 61.29 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

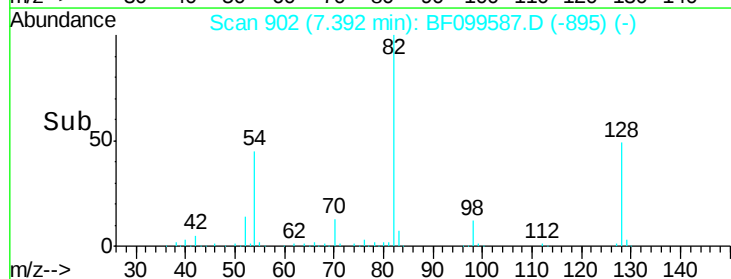
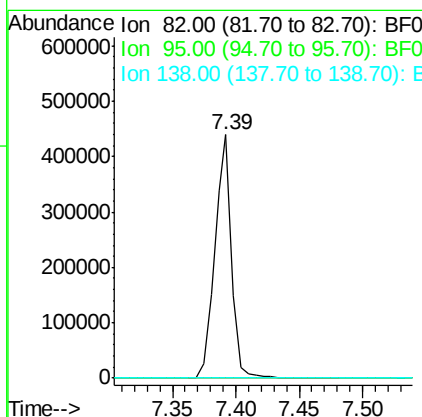
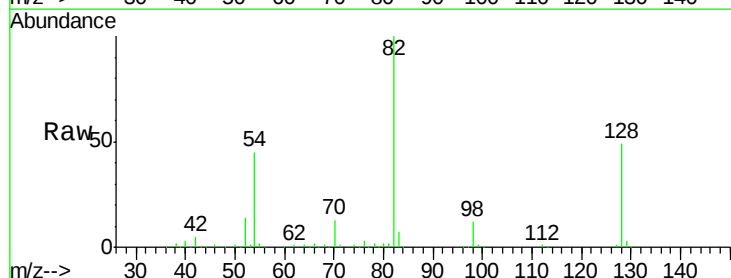
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	406566
Ion Ratio	100	Lower	Upper
128	49.0	36.1	54.1
54	44.8	41.4	62.2



#25
 Isophorone
 Concen: 29.65 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.26 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

Tgt Ion	82	Resp	406561
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

Instrument :

BNA_F

ClientSampleId :

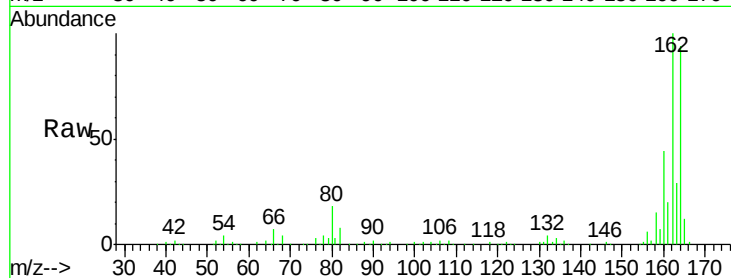
Tot Ion:164 Resp: 194989

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

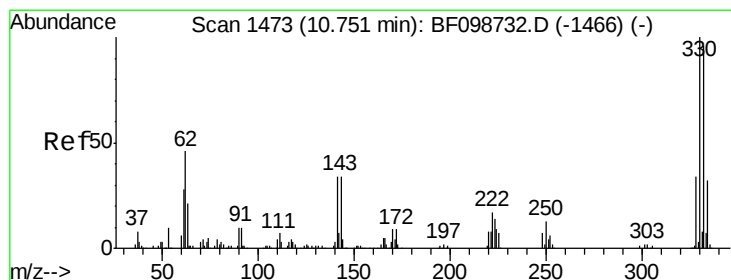
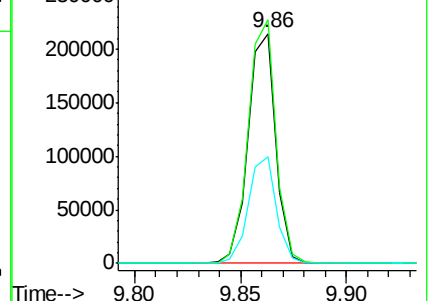
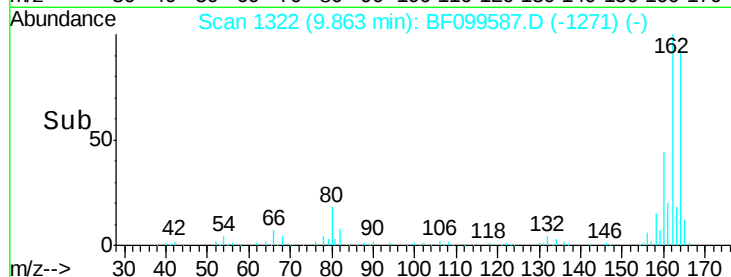
160 46.1 38.3 57.5



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: 63.16 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

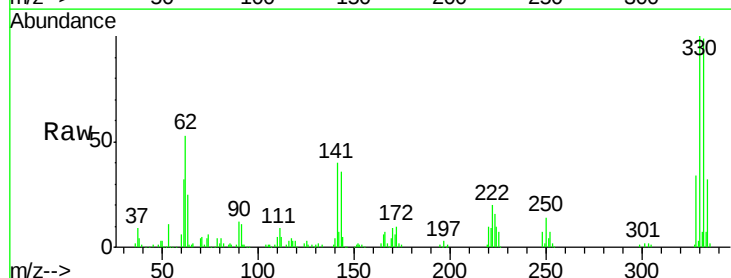
Tgt Ion:330 Resp: 100781

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

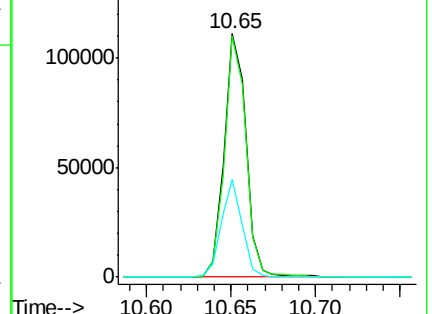
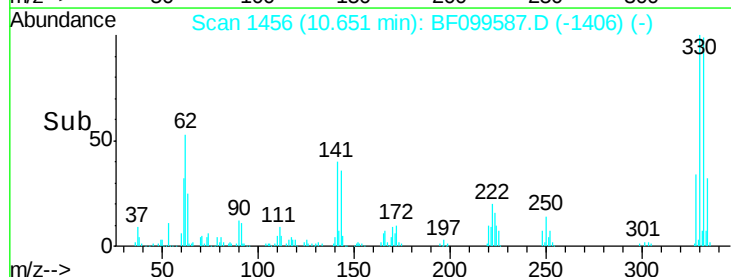
141 38.4 29.9 44.9

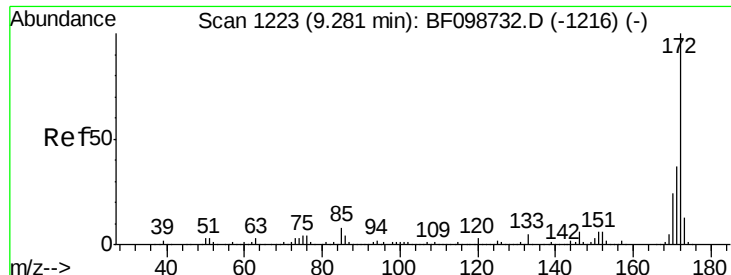


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

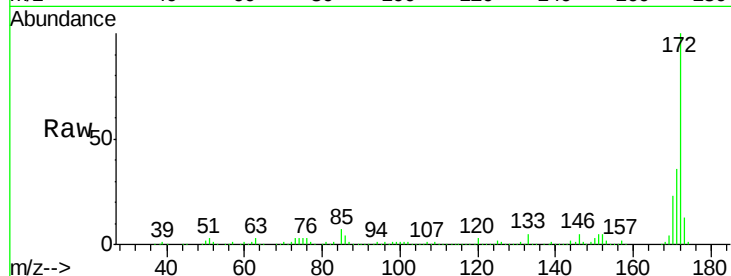




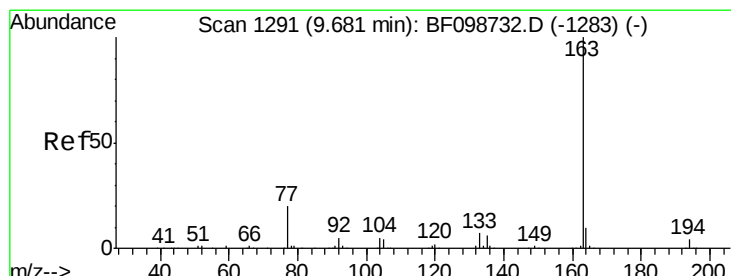
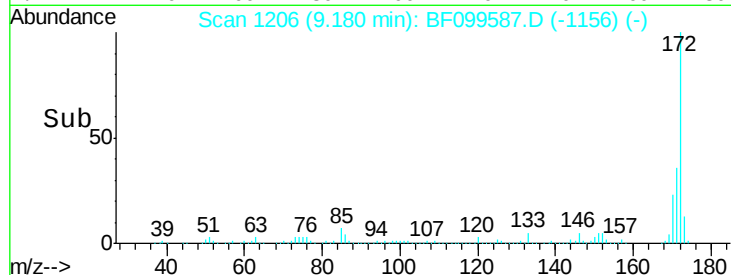
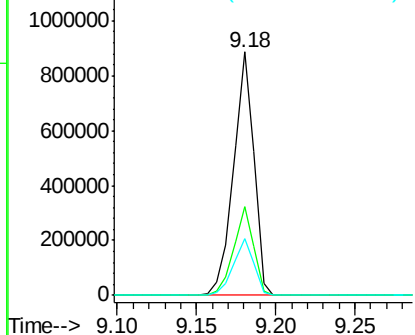
#44
2-Fluorobiphenyl
Concen: 67.93 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 793471
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.3 19.6 29.4

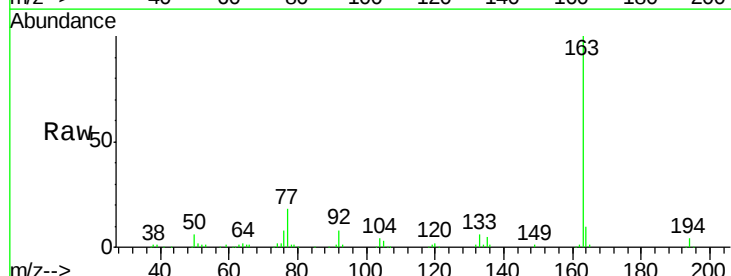


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

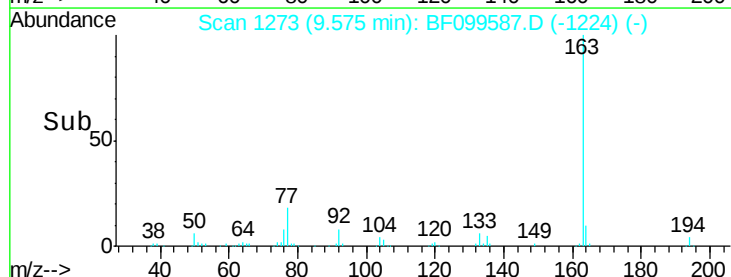
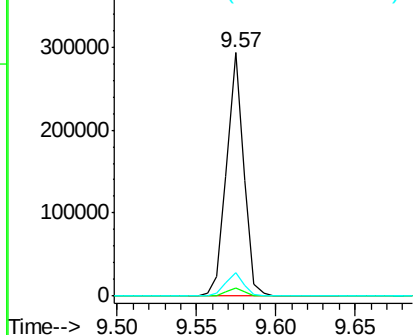


#49
Dimethylphthalate
Concen: 14.98 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Tgt Ion:163 Resp: 220455
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 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

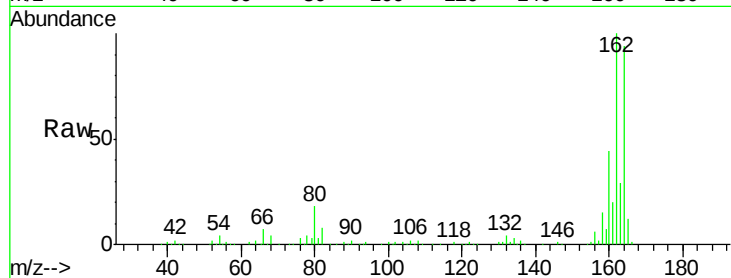




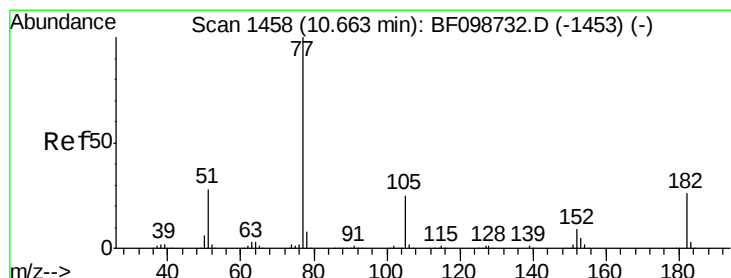
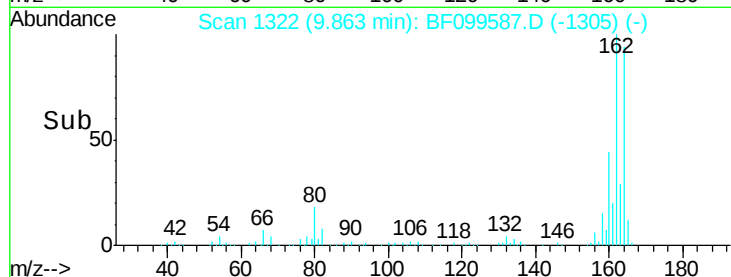
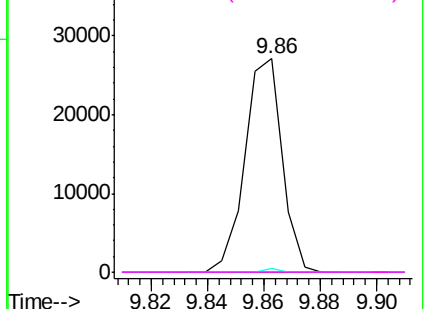
#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.20 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	24788
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.6	57.8 86.6#
182	0.0	1.6 2.4#

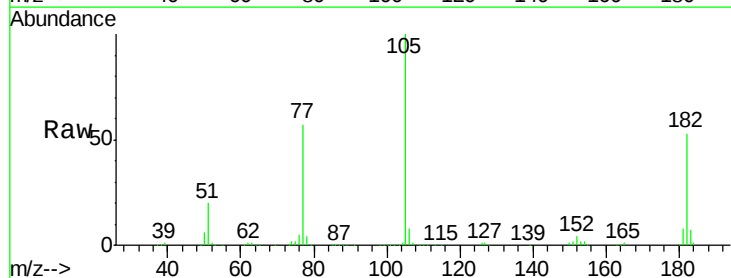


Abundance Ion 165.00 (164.70 to 165.70): E

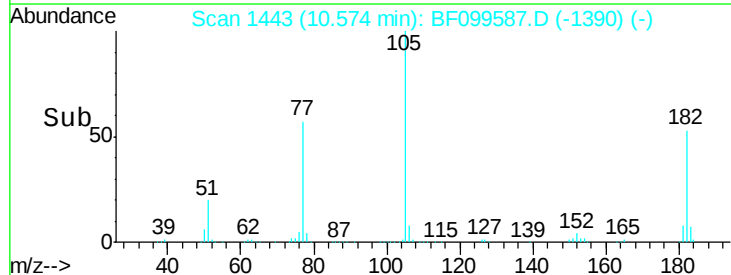
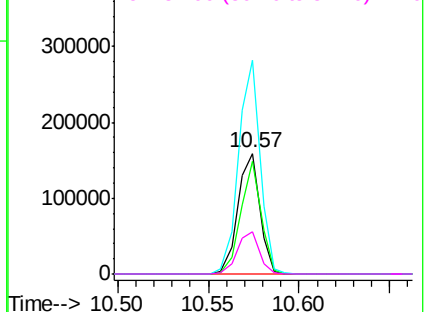


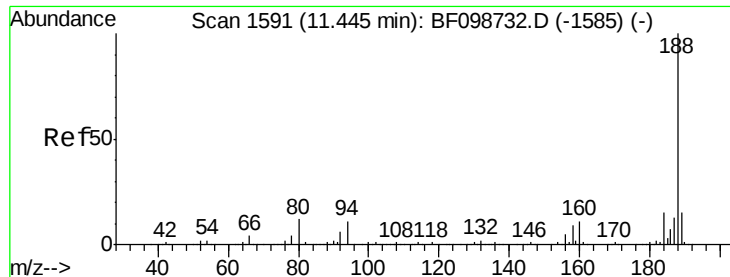
#62
 Azobenzene
 Concen: 10.23 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

Tgt Ion: 77	Resp:	135253
Ion Ratio	Lower	Upper
77	100	
182	93.3	1.7 41.7#
105	177.0	3.0 43.0#
51	35.1	9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

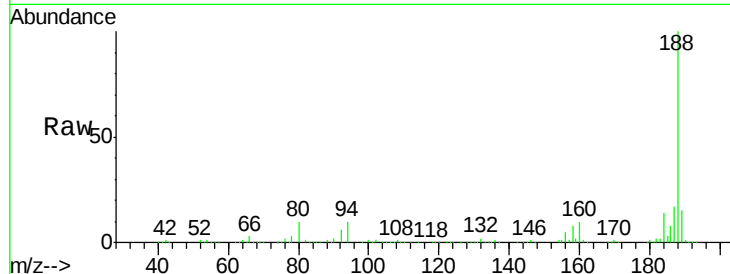




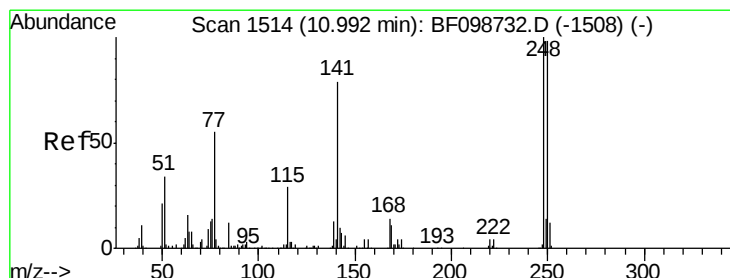
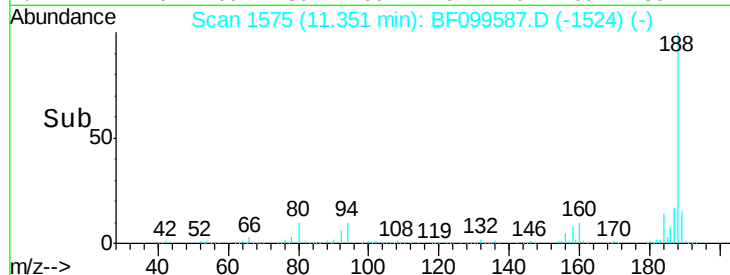
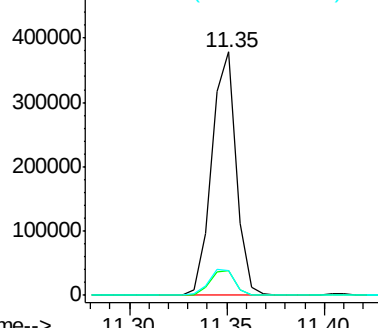
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 328835
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.1 9.2 13.8

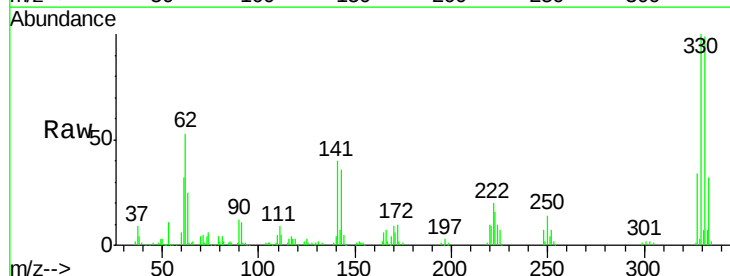


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

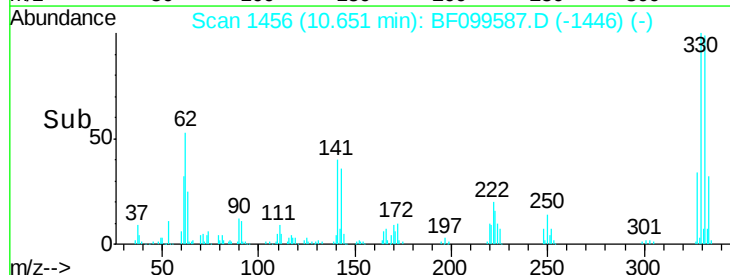
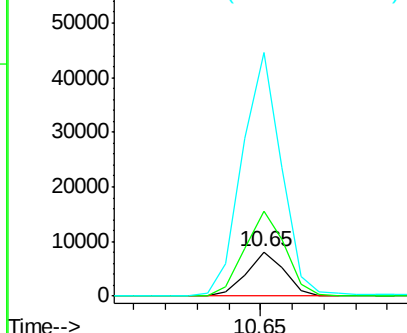


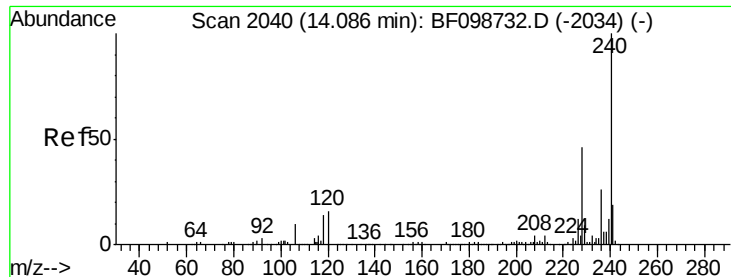
#66
4-Bromophenyl-phenylether
Concen: 2.08 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Tgt Ion:248 Resp: 6705
Ion Ratio Lower Upper
248 100
250 192.3 76.9 115.3#
141 549.7 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: 13.99 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

Instrument :

BNA_F

ClientSampleId :

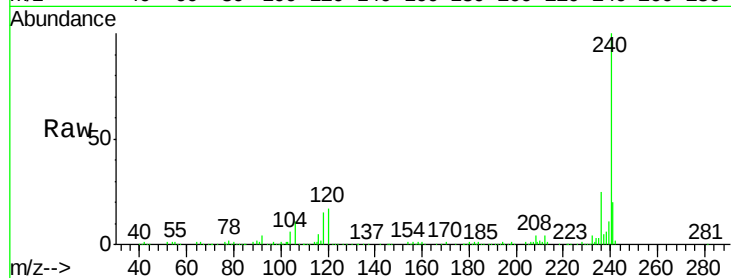
Tot Ion:240 Resp: 180719

Ion Ratio Lower Upper

240 100

120 16.9 9.5 14.3#

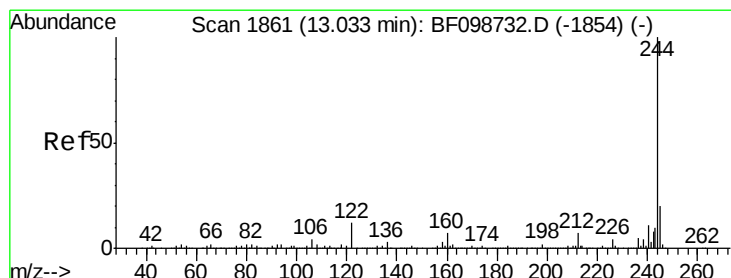
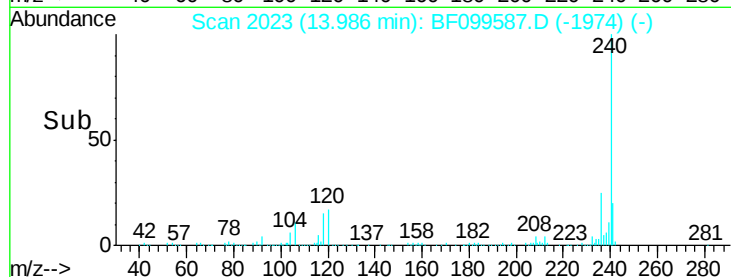
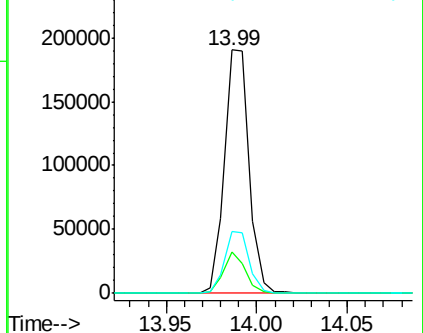
236 25.4 20.7 31.1



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: 69.78 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

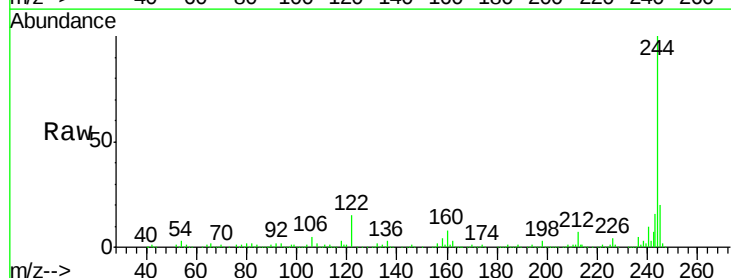
Tgt Ion:244 Resp: 554531

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

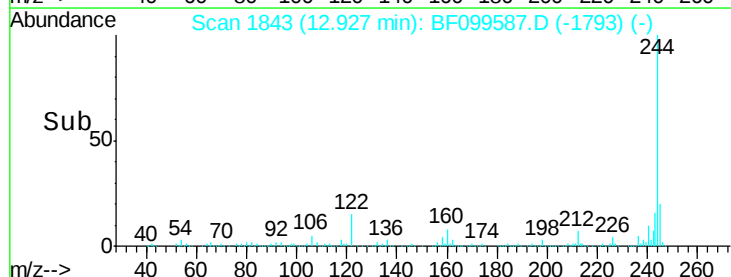
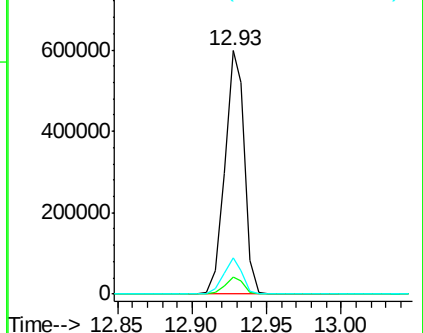
122 14.6 11.0 16.4

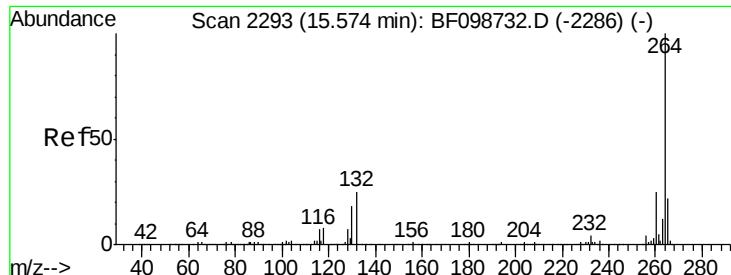


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

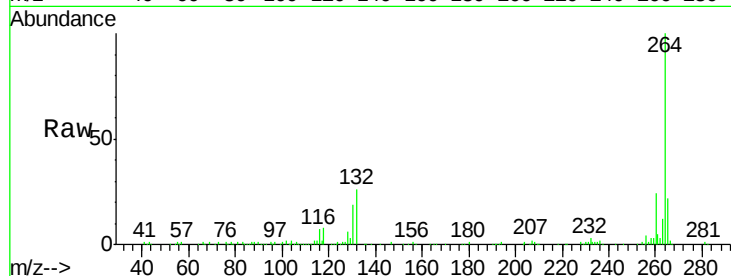




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	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

