

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099586.D
 Acq On : 17 Oct 2017 17:37
 Operator : SJ/JU
 Sample : I5794-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:52:24 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

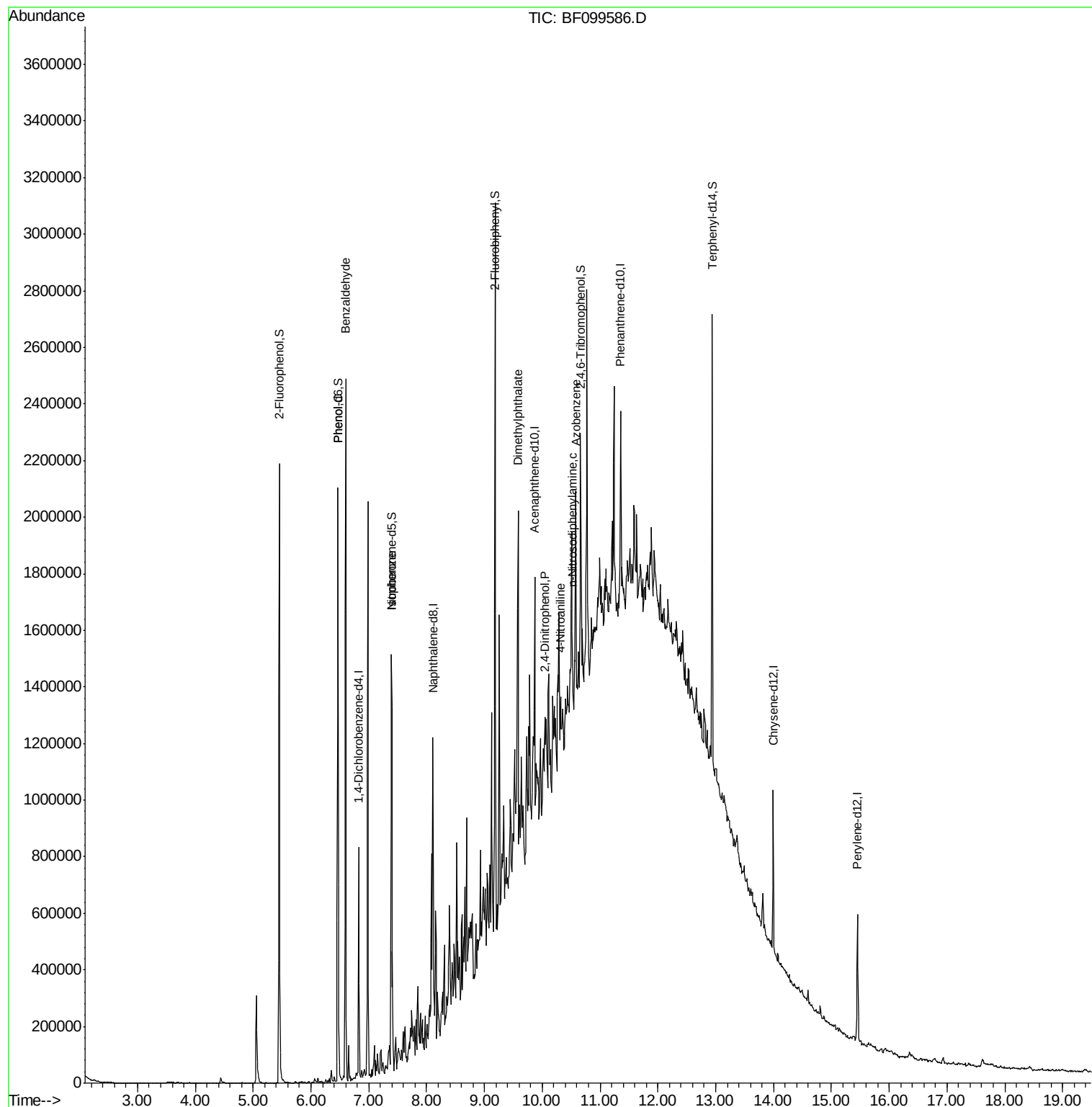
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114553	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	467300	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	194892	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	284567	20.00	ng	0.00
75) Chrysene-d12	13.99	240	193707	20.00	ng	0.00
86) Perylene-d12	15.46	264	201965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	744592	103.47	ng	0.00
7) Phenol-d6	6.47	99	904315	101.87	ng	0.00
23) Nitrobenzene-d5	7.39	82	520667	71.45	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	157522	98.78	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	942810	80.76	ng	0.00
78) Terphenyl-d14	12.94	244	627143	73.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	14606	2.84	ng	89
10) Phenol	6.47	94	55750	5.62	ng	92
25) Isophorone	7.39	82	518915	34.44	ng	# 65
49) Dimethylphthalate	9.58	163	225261	15.31	ng	100
53) 2,4-Dinitrophenol	10.05	184	256	5.97	ng	# 1
61) 4-Nitroaniline	10.32	138	8101	2.25	ng	82
62) Azobenzene	10.58	77	147705	11.18	ng	# 1
65) n-Nitrosodiphenylamine	10.52	169	35253	3.58	ng	# 44

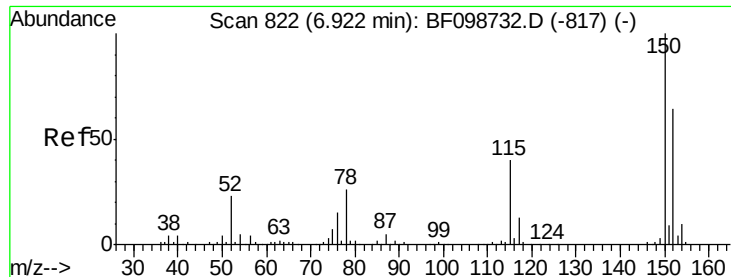
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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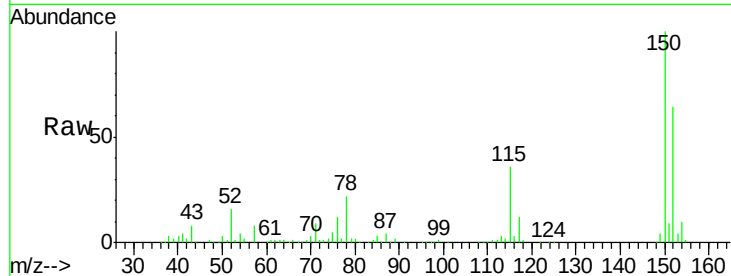


#1

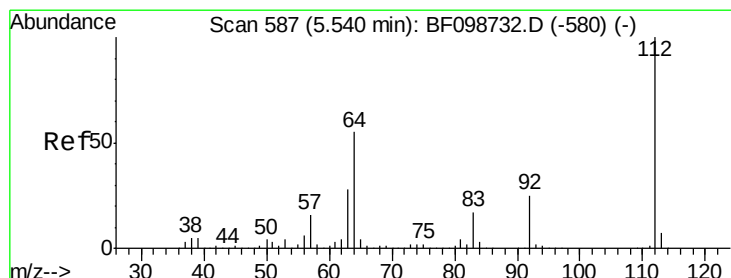
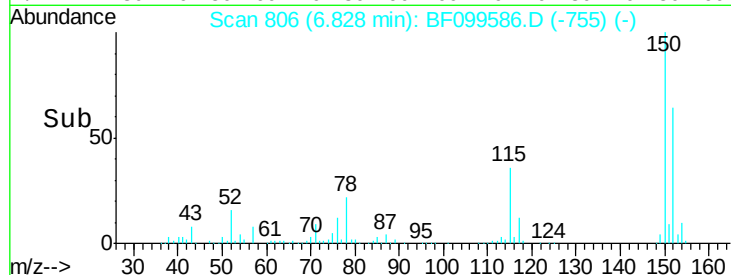
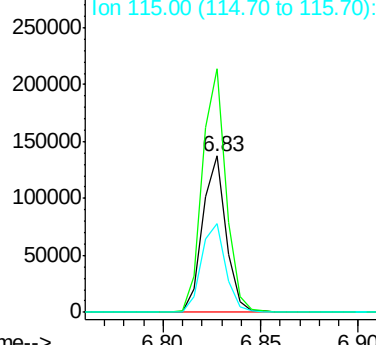
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099586.D
Acq: 17 Oct 2017 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114553
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 56.9 50.1 75.1



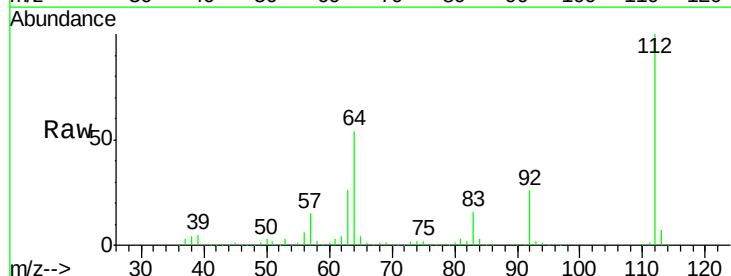
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



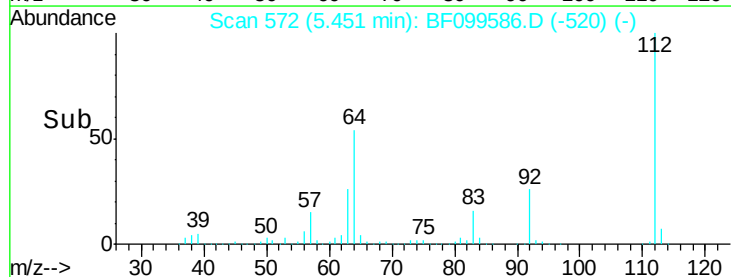
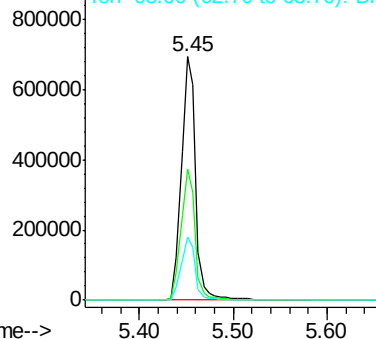
#5

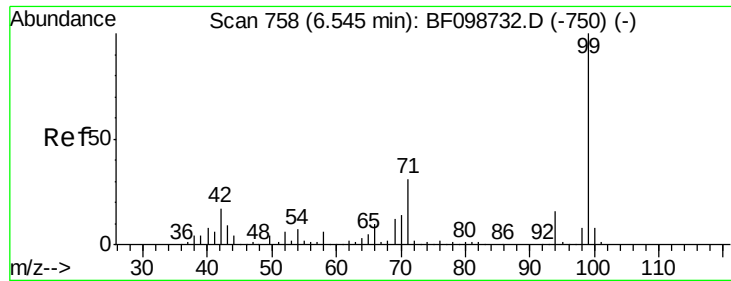
2-Fluorophenol
Concen: 103.47 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099586.D
Acq: 17 Oct 2017 17:37

Tgt Ion:112 Resp: 744592
Ion Ratio Lower Upper
112 100
64 54.0 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: 101.87 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

Instrument :

BNA_F

ClientSampled :

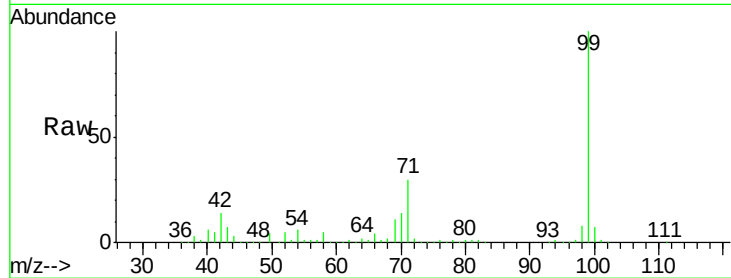
Tot Ion: 99 Resp: 904315

Ion Ratio Lower Upper

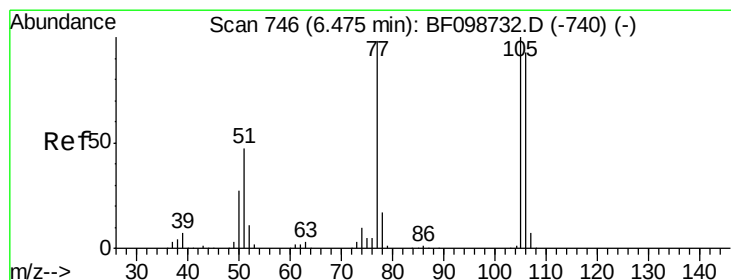
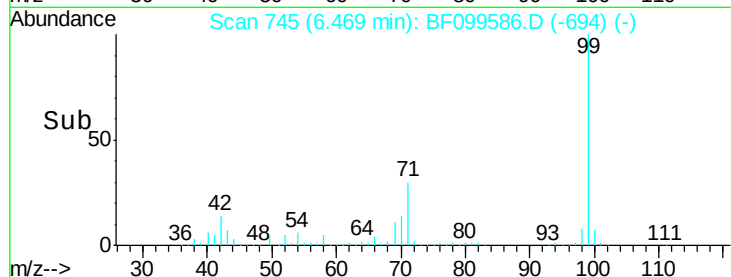
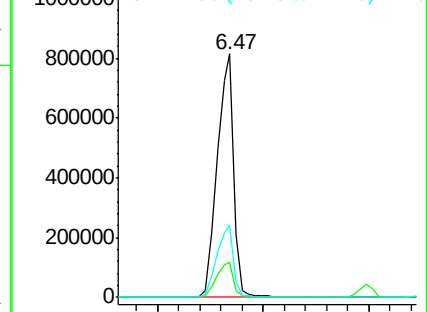
99 100

42 14.4 14.5 21.7#

71 29.5 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: 2.84 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

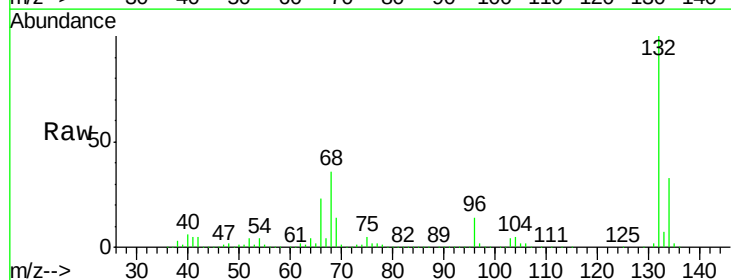
Tgt Ion: 77 Resp: 14606

Ion Ratio Lower Upper

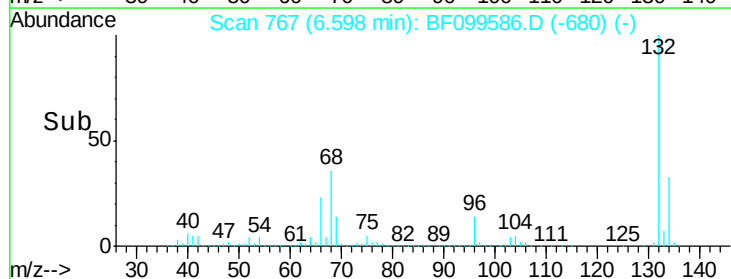
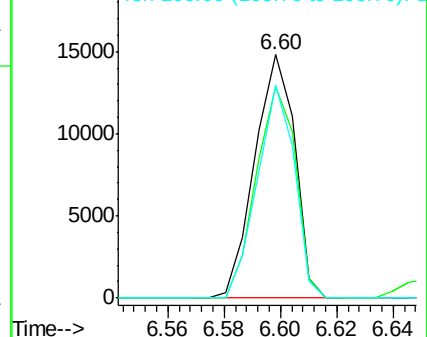
77 100

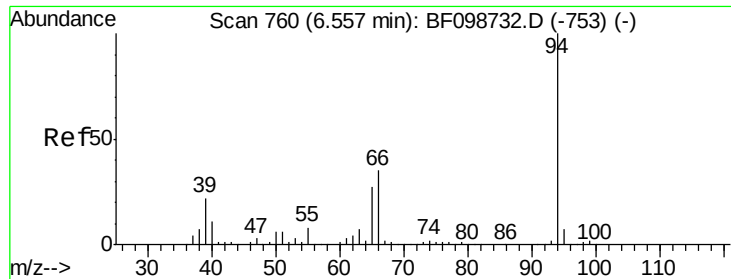
105 86.8 81.1 121.1

106 87.5 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: 5.62 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

Instrument :

BNA_F

ClientSampleId :

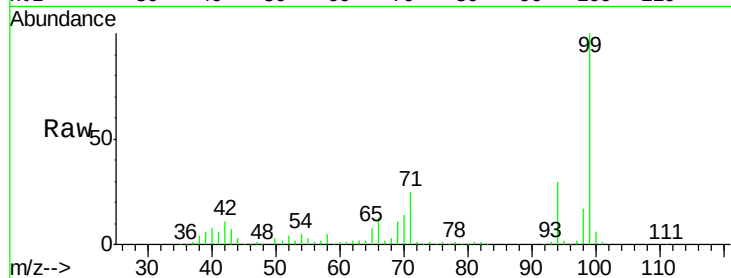
Tot Ion: 94 Resp: 55750

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

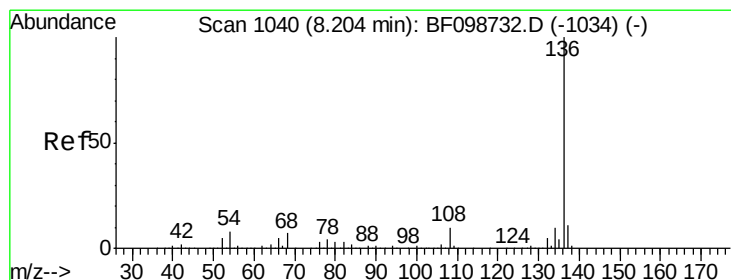
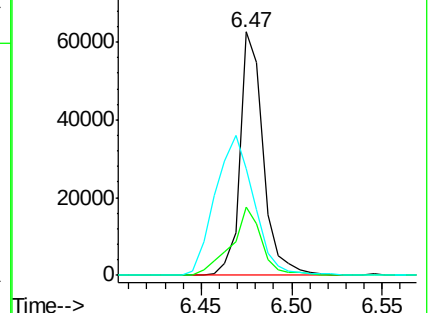
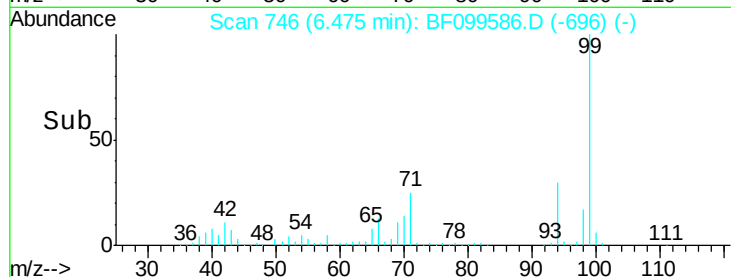
66 43.9 16.2 56.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

Tgt Ion: 136 Resp: 467300

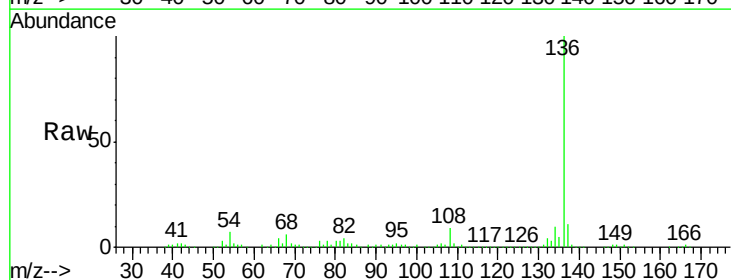
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

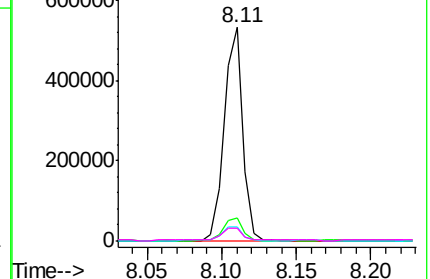
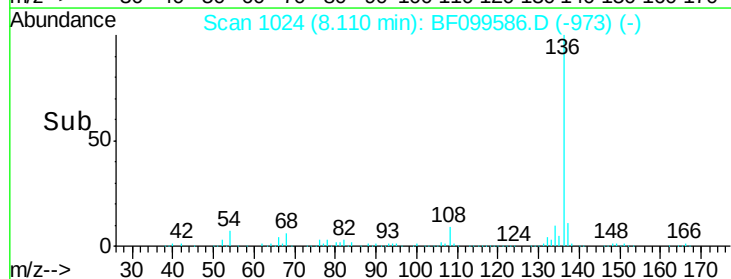


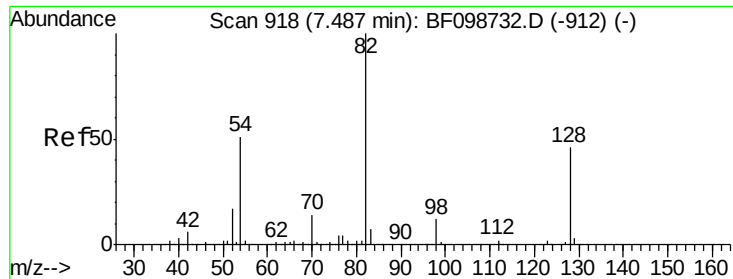
Abundance Ion 136.00 (135.70 to 136.70): E

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

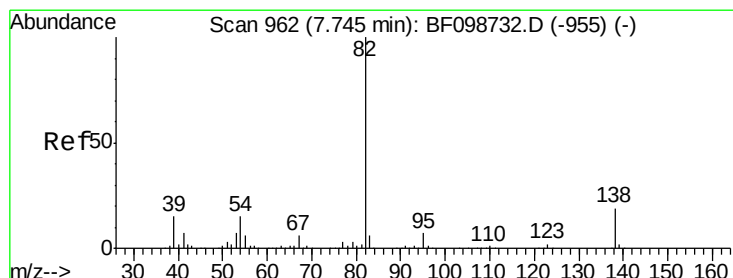
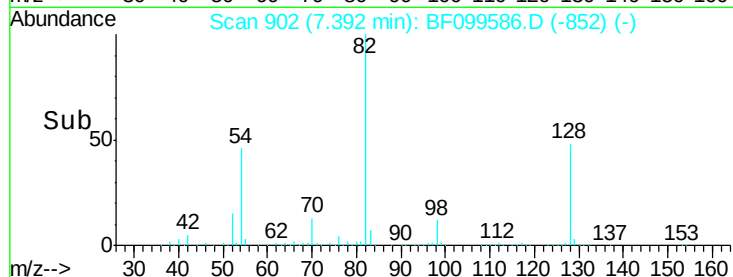
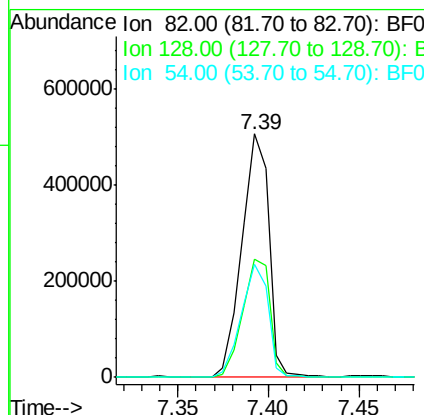
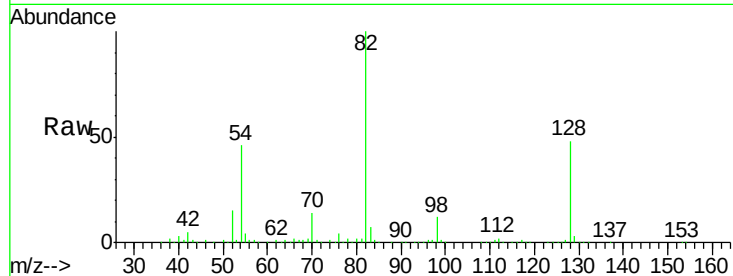




#23
Nitrobenzene-d5
Concen: 71.45 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099586.D
Acq: 17 Oct 2017 17:37

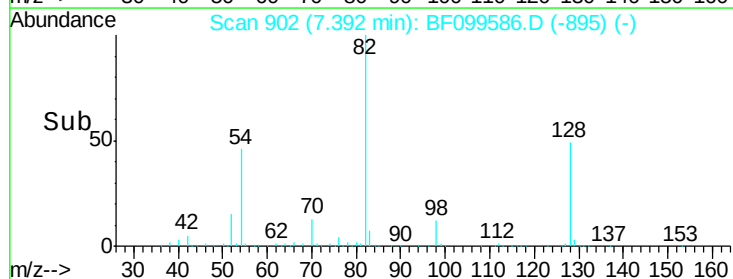
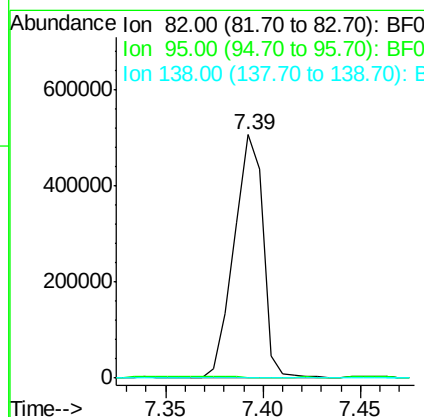
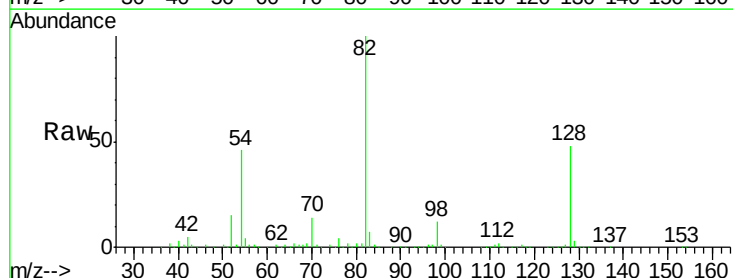
Instrument :
BNA_F
ClientSampleId :

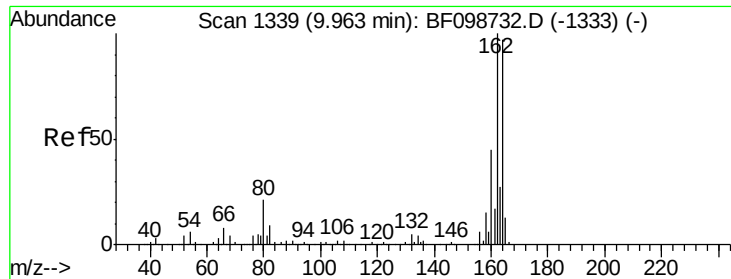
Tot Ion	82	Resp	520667
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	46.5	41.4	62.2



#25
Isophorone
Concen: 34.44 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF099586.D
Acq: 17 Oct 2017 17:37

Tgt Ion	82	Resp	518915
Ion Ratio	Lower	Upper	
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#

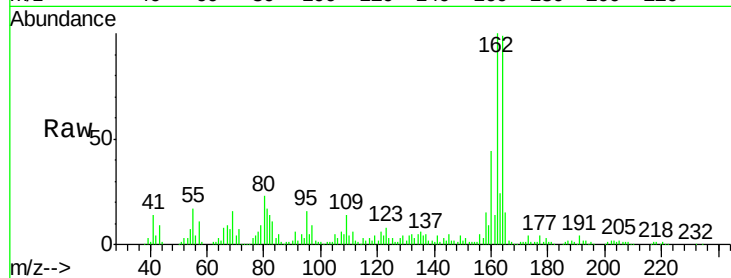




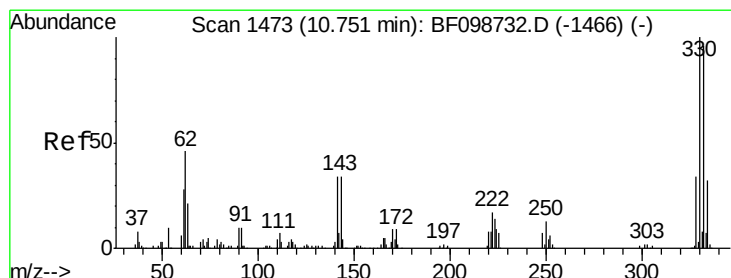
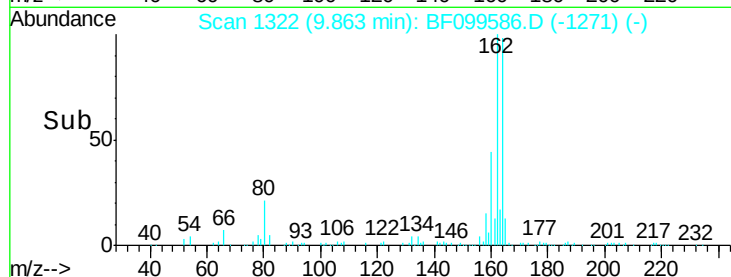
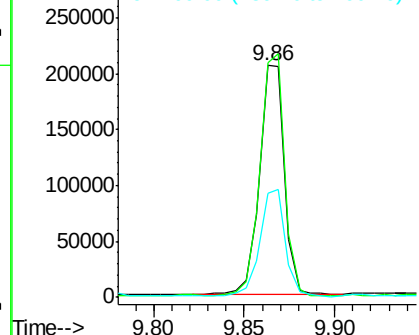
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF099586.D
 Acq: 17 Oct 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 194892
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 44.9 38.3 57.5

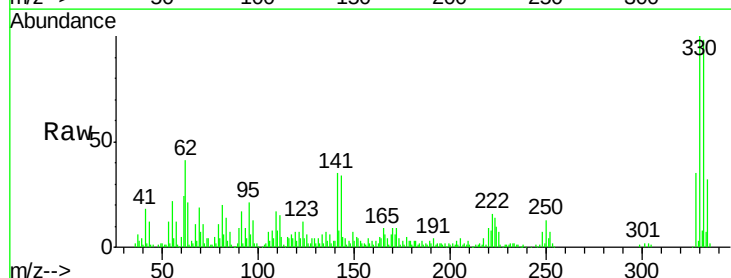


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

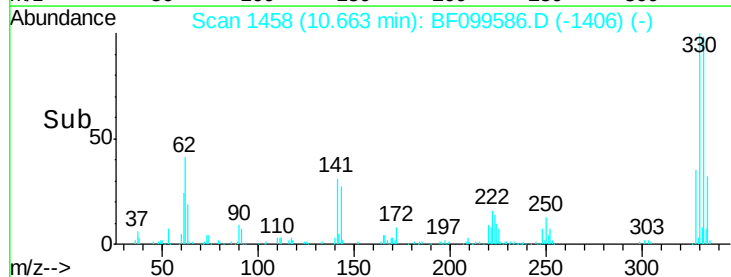
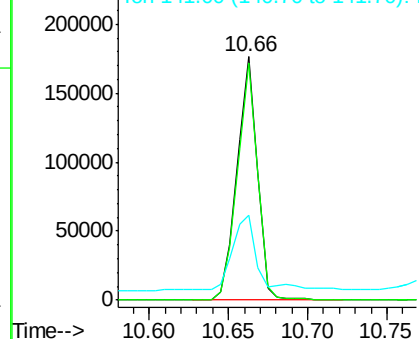


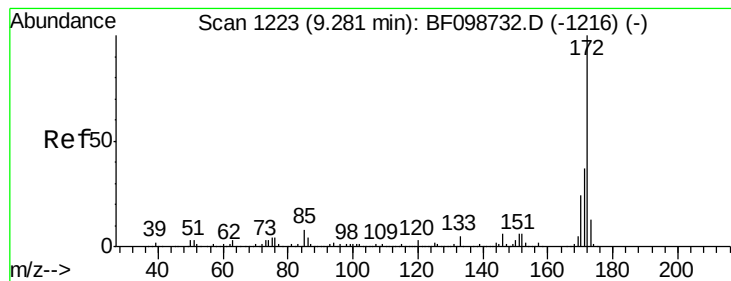
#41
 2,4,6-Tribromophenol
 Concen: 98.78 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF099586.D
 Acq: 17 Oct 2017 17:37

Tgt Ion:330 Resp: 157522
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 33.5 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: 80.76 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

Instrument :

BNA_F

ClientSampled :

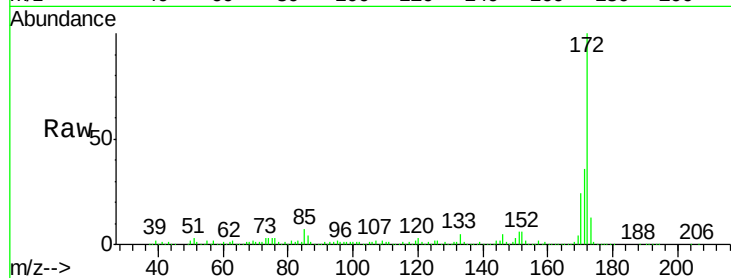
Tot Ion:172 Resp: 942810

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

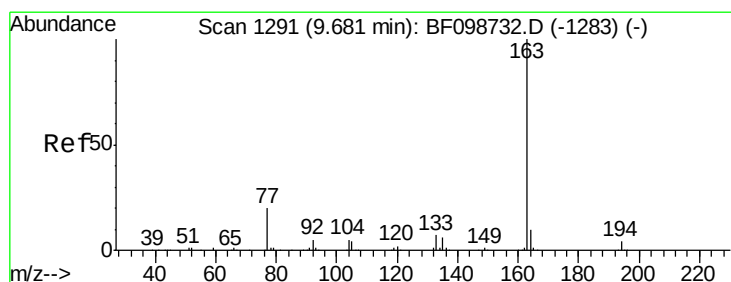
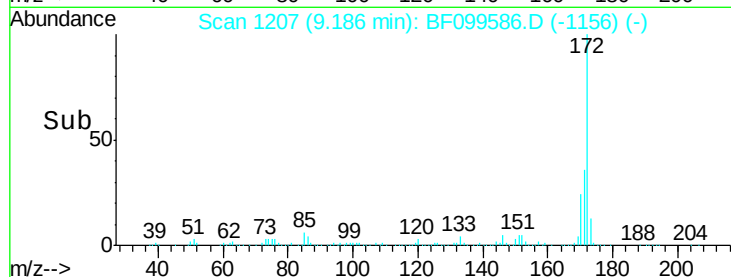
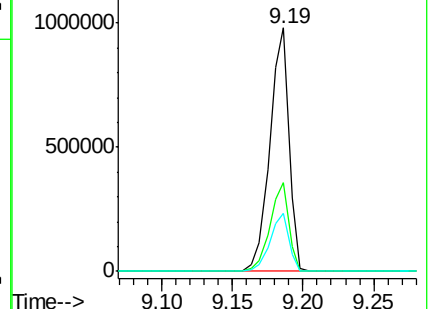
170 23.8 19.6 29.4



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



#49

Dimethylphthalate

Concen: 15.31 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

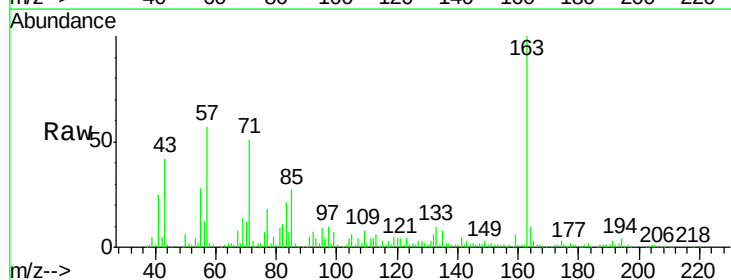
Tgt Ion:163 Resp: 225261

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

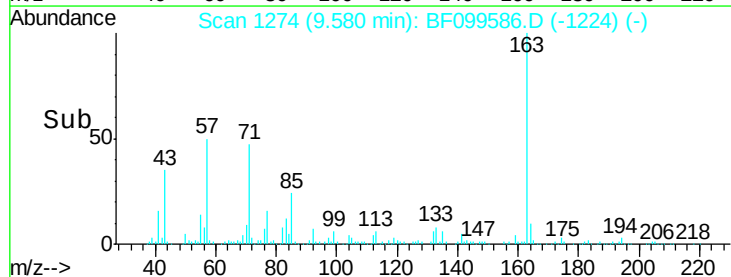
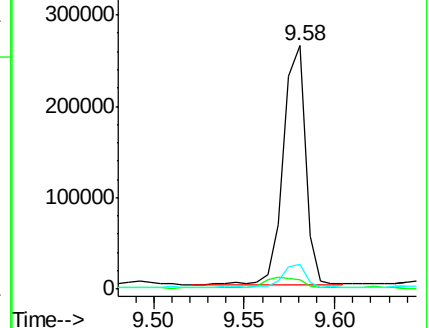
164 10.2 8.2 12.2

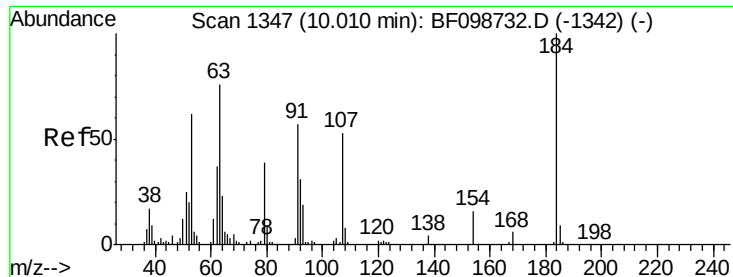


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 5.97 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.11 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

Instrument :

BNA_F

ClientSampled :

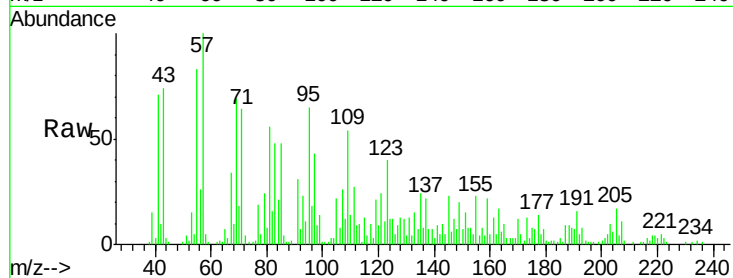
Tot Ion:184 Resp: 256

Ion Ratio Lower Upper

184 100

63 373.7 54.2 81.2#

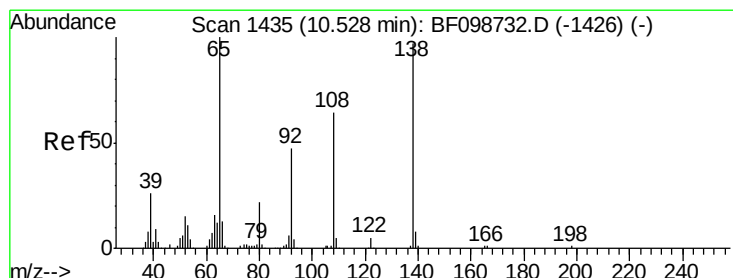
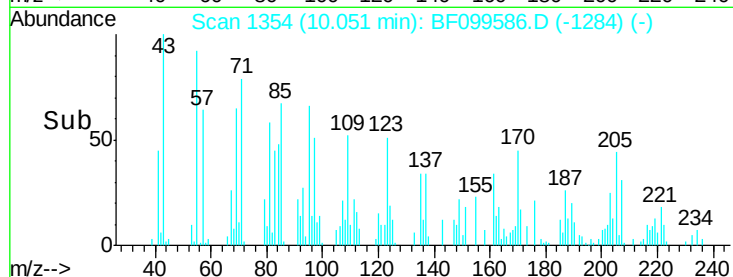
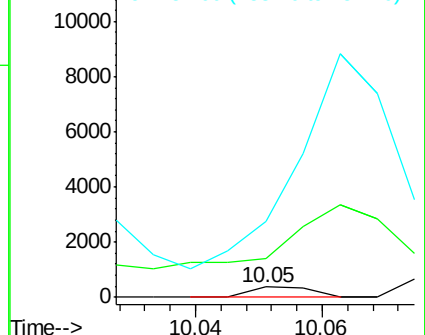
154 746.0 53.5 80.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#61

4-Nitroaniline

Concen: 2.25 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.13 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

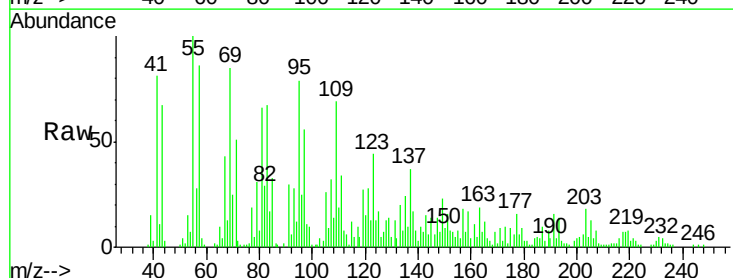
Tgt Ion:138 Resp: 8101

Ion Ratio Lower Upper

138 100

92 34.7 30.2 70.2

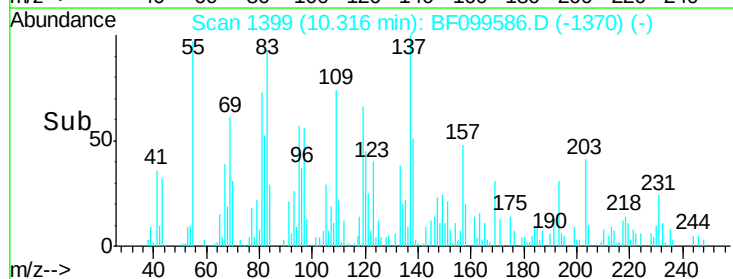
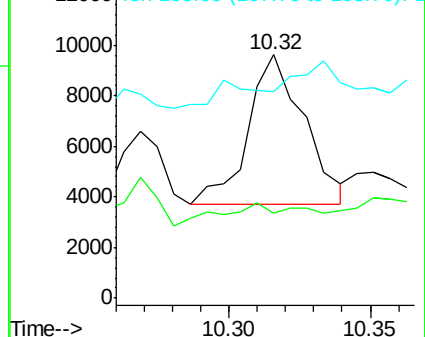
108 85.0 52.5 92.5

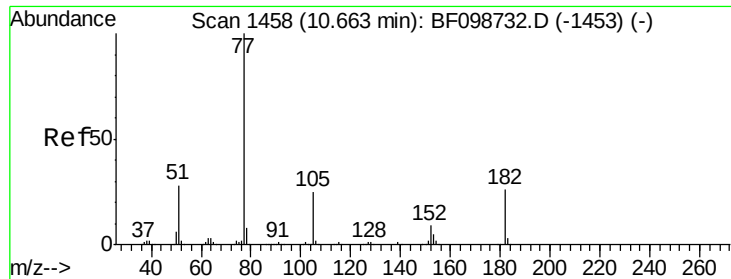


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 11.18 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 147705

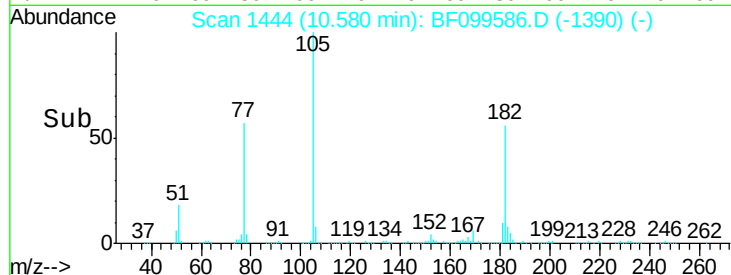
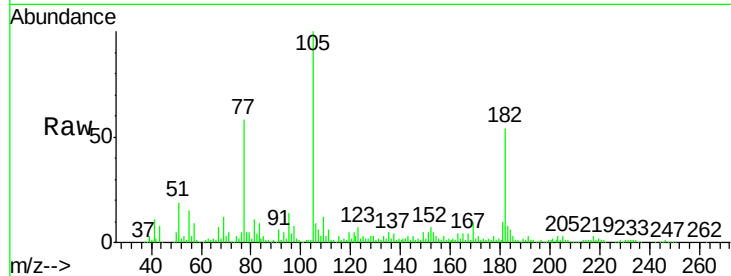
Ion Ratio Lower Upper

77 100

182 92.1 1.7 41.7#

105 172.1 3.0 43.0#

51 31.8 9.9 49.9

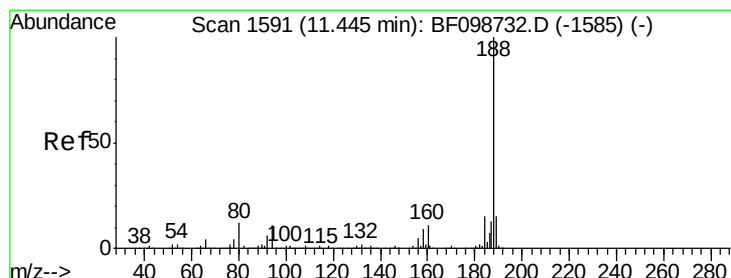
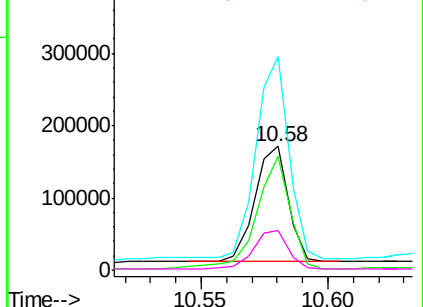


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

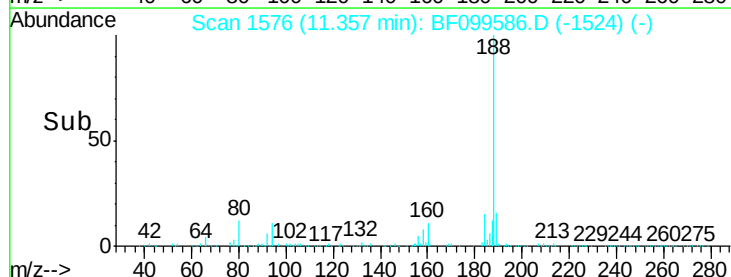
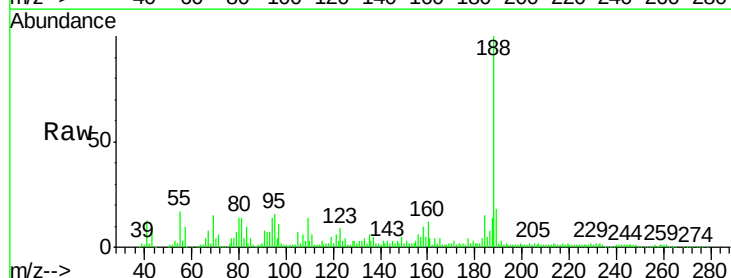
Tgt Ion: 188 Resp: 284567

Ion Ratio Lower Upper

188 100

94 14.0 8.5 12.7#

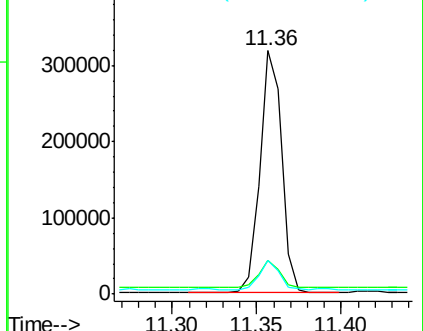
80 13.8 9.2 13.8

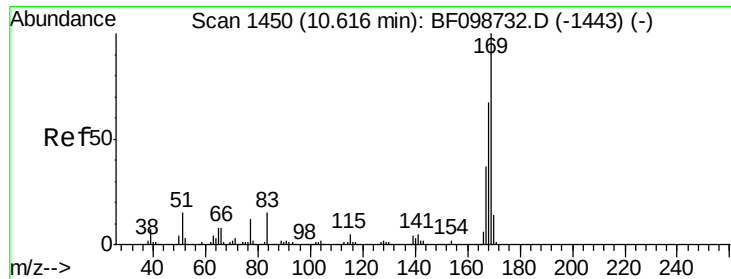


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

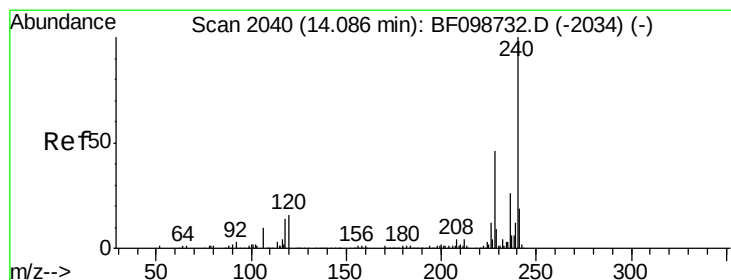
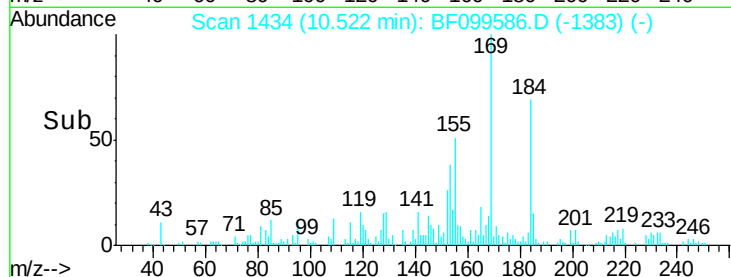
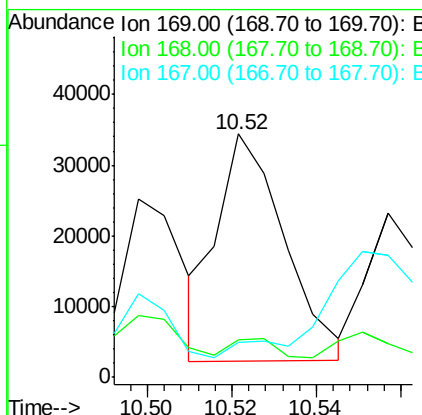
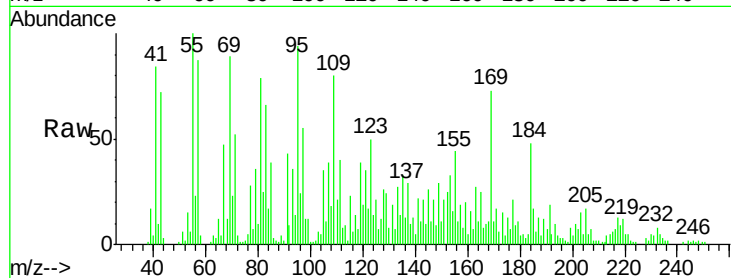




#65
n-Nitrosodiphenylamine
Concen: 3.58 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF099586.D
Acq: 17 Oct 2017 17:37

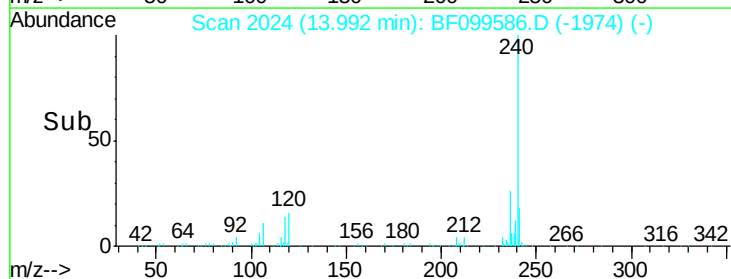
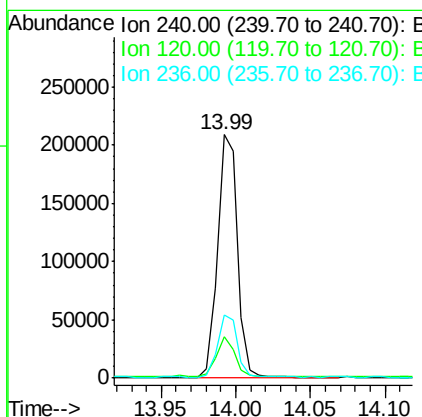
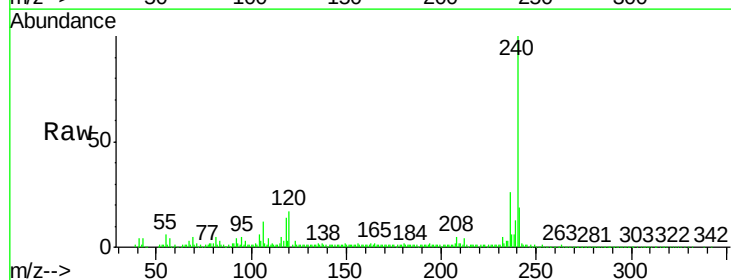
Instrument :
BNA_F
ClientSampleId :

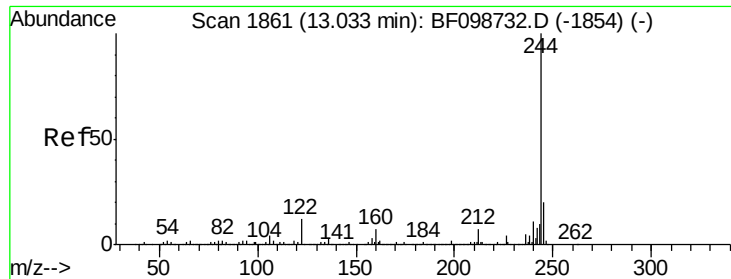
Tot Ion:169 Resp: 35253
Ion Ratio Lower Upper
169 100
168 15.4 54.4 81.6#
167 14.2 29.8 44.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099586.D
Acq: 17 Oct 2017 17:37

Tgt Ion:240 Resp: 193707
Ion Ratio Lower Upper
240 100
120 16.9 9.5 14.3#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 73.63 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

Instrument :

BNA_F

ClientSampleId :

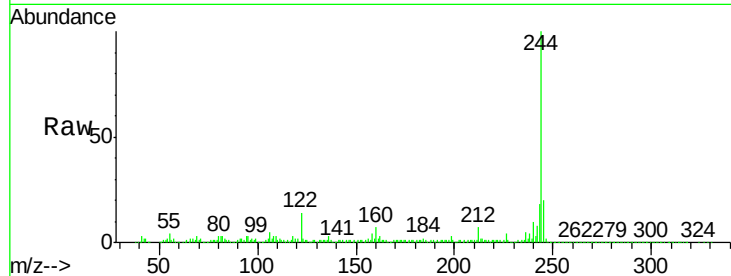
Tot Ion:244 Resp: 627143

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

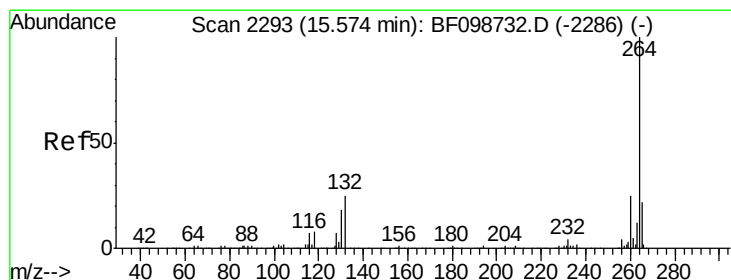
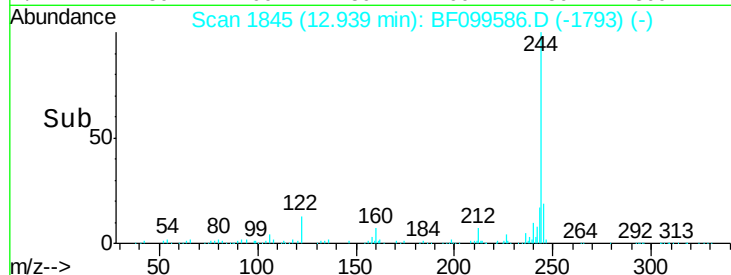
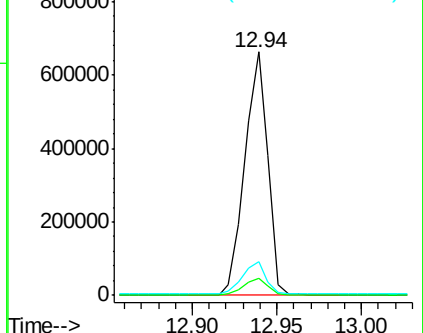
122 13.8 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF099586.D

Acq: 17 Oct 2017 17:37

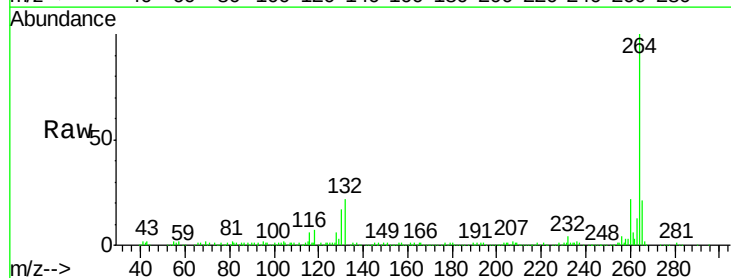
Tgt Ion:264 Resp: 201965

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 20.6 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

