

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099495.D
 Acq On : 14 Oct 2017 23:51
 Operator : SJ/JU
 Sample : I5833-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 00:48:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

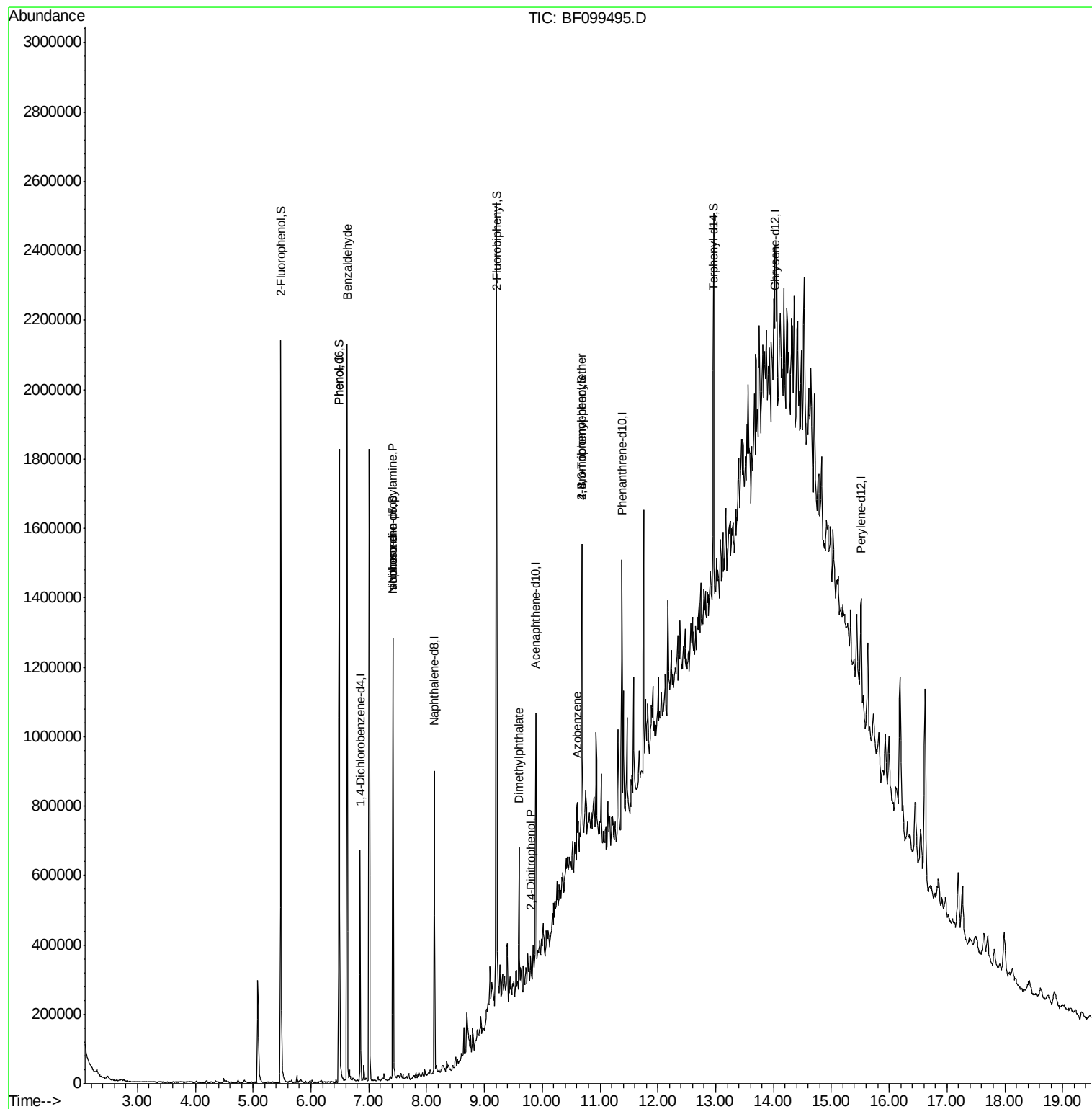
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94214	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	380362	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	155977	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	224971	20.00	ng	0.00
75) Chrysene-d12	14.03	240	133703	20.00	ng	0.00
86) Perylene-d12	15.52	264	147466	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	636869	107.61	ng	0.00
7) Phenol-d6	6.49	99	751781	102.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	445573	75.12	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	128493	100.68	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	781759	83.67	ng	0.00
78) Terphenyl-d14	12.96	244	441252	75.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	12562	2.966	ng	86
10) Phenol	6.50	94	37869	4.638	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	56387	12.097	ng	# 77
25) Isophorone	7.42	82	445567	36.336	ng	# 64
49) Dimethylphthalate	9.60	163	170823	14.511	ng	99
53) 2,4-Dinitrophenol	9.80	184	132	5.920	ng	# 1
62) Azobenzene	10.60	77	28462	2.691	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	8414	3.821	ng	# 1

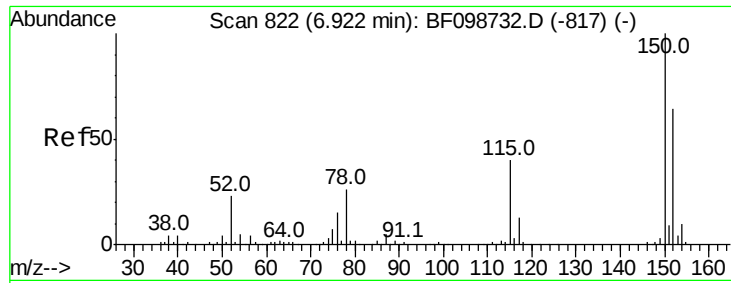
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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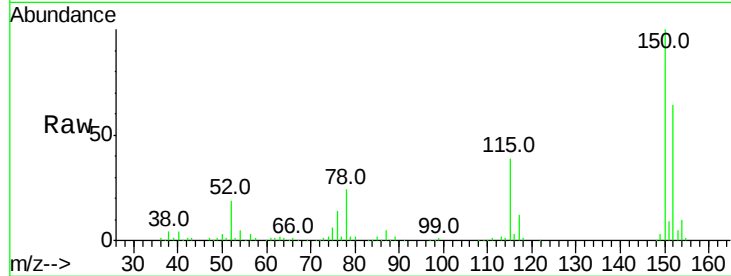


#1

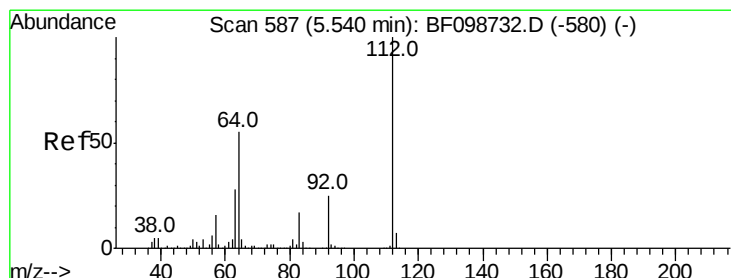
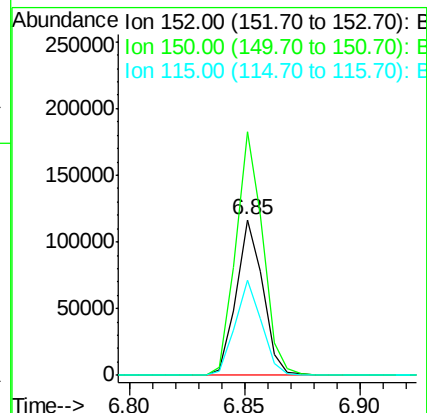
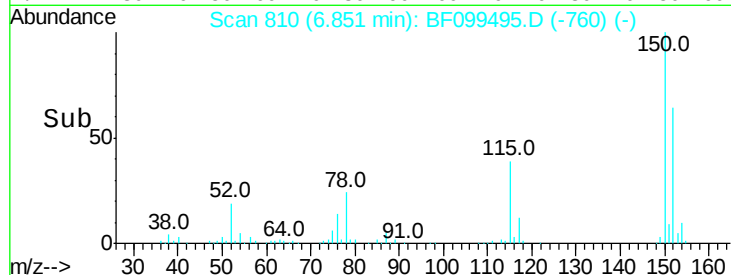
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 94214
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.9 50.1 75.1



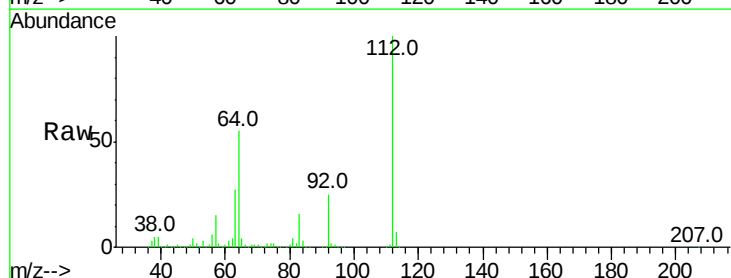
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



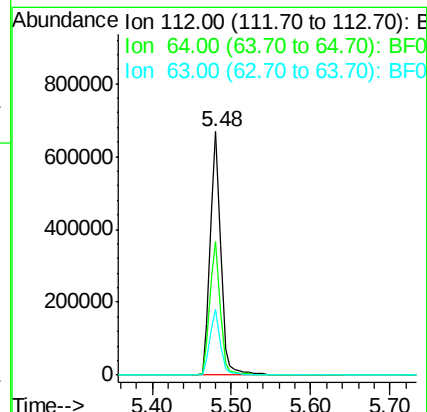
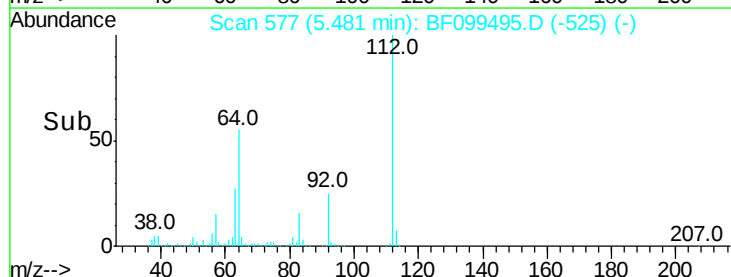
#5

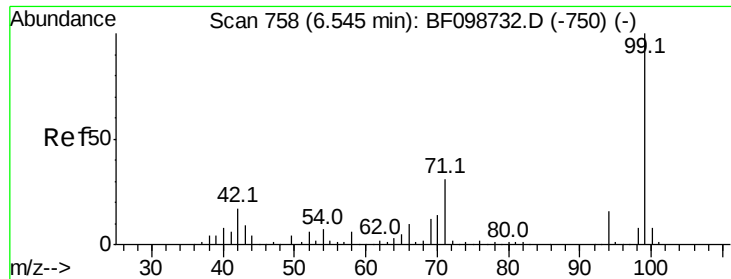
2-Fluorophenol
Concen: 107.610 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Tgt Ion:112 Resp: 636869
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.0 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: 102.971 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampleId :

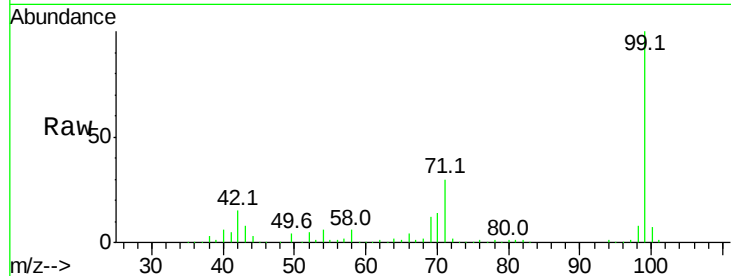
Tot Ion: 99 Resp: 751781

Ion Ratio Lower Upper

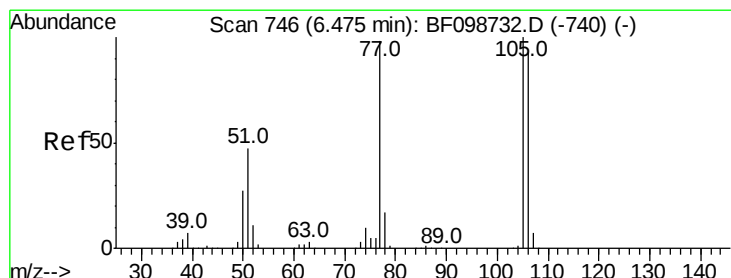
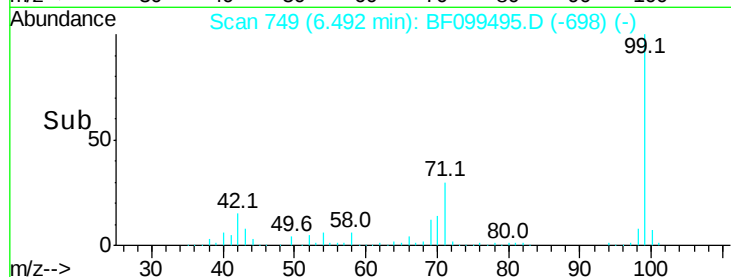
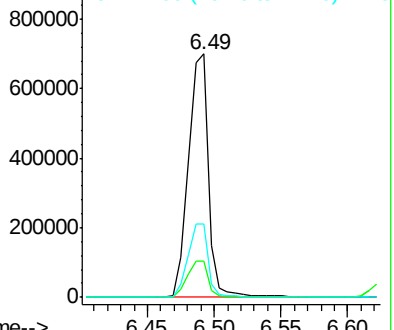
99 100

42 15.0 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



#9

Benzaldehyde

Concen: 2.966 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

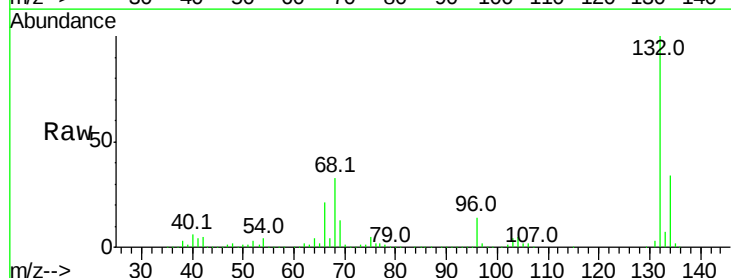
Tgt Ion: 77 Resp: 12562

Ion Ratio Lower Upper

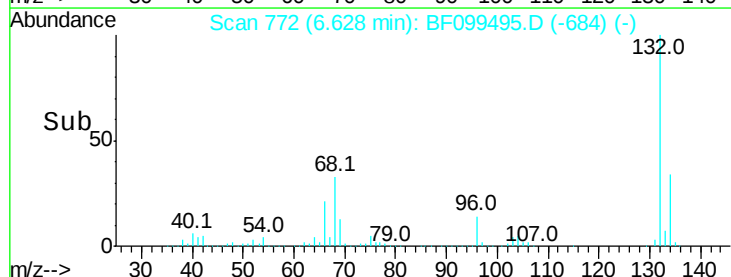
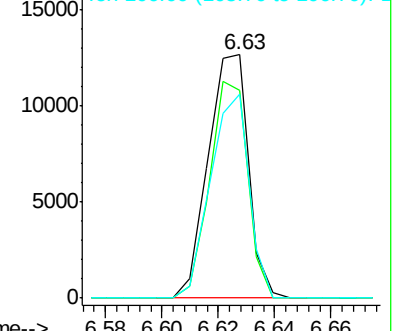
77 100

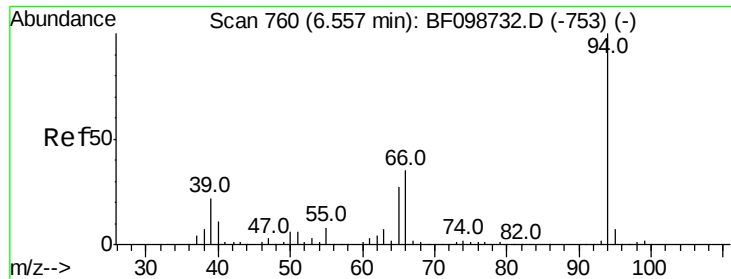
105 85.2 81.1 121.1

106 83.5 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

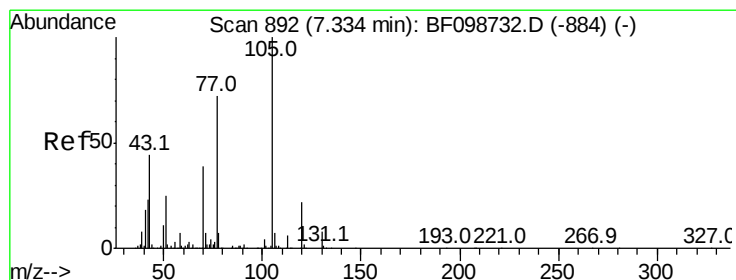
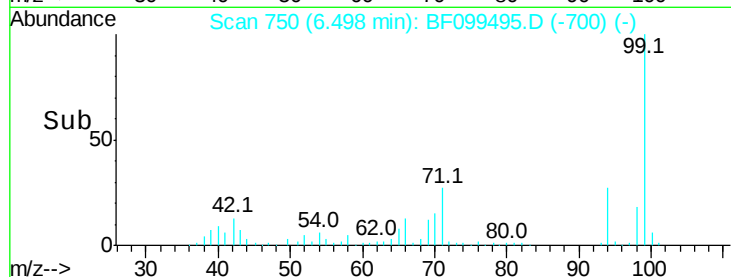
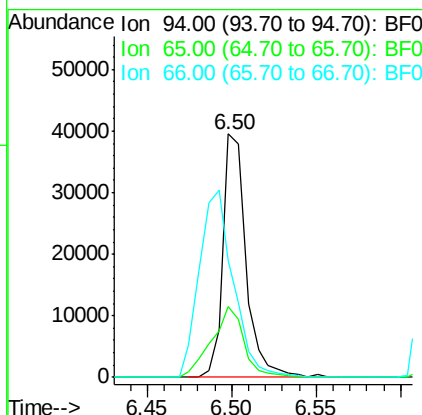
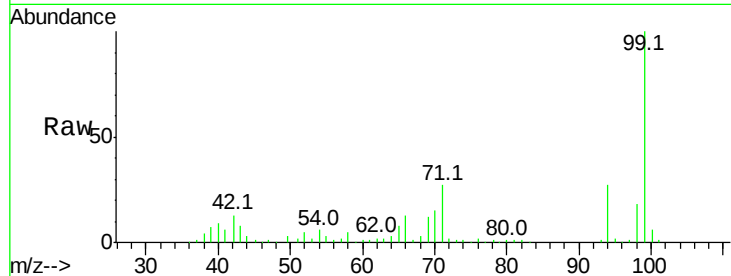




#10
Phenol
Concen: 4.638 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

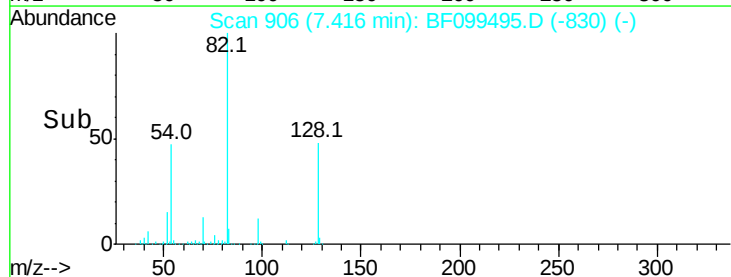
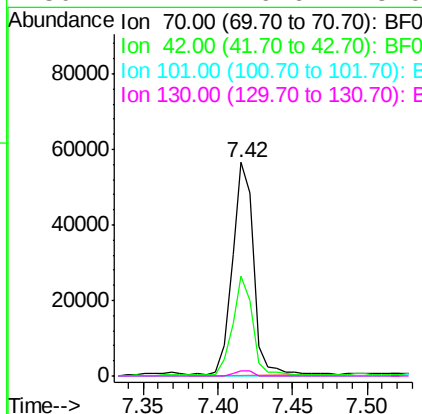
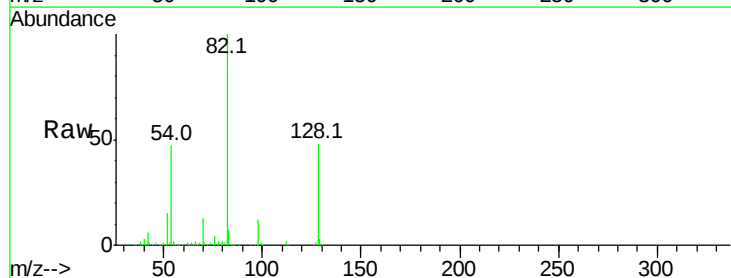
Instrument :
BNA_F
ClientSampleId :

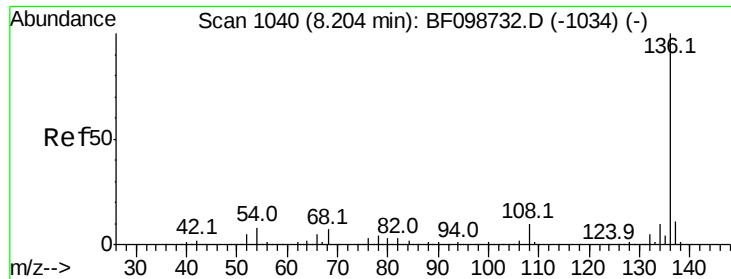
Tot Ion: 94 Resp: 37869
Ion Ratio Lower Upper
94 100
65 29.2 7.9 47.9
66 47.8 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.097 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Tgt Ion: 70 Resp: 56387
Ion Ratio Lower Upper
70 100
42 46.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

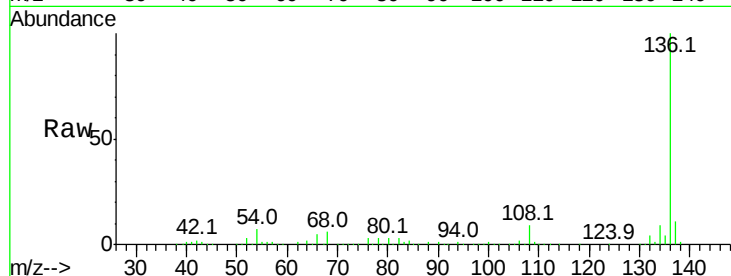




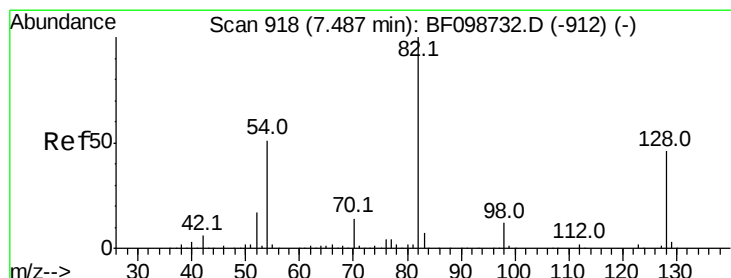
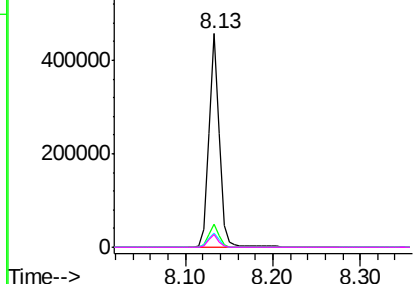
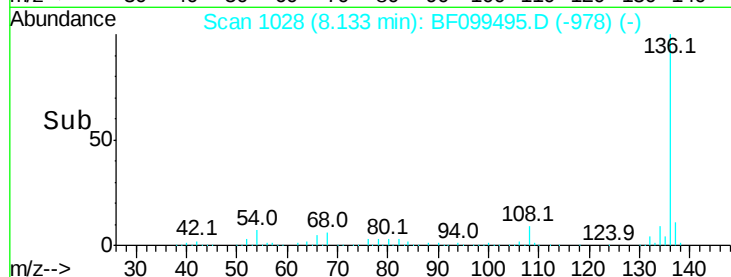
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	380362
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.9	6.6 9.8
68	5.8	5.0 7.4

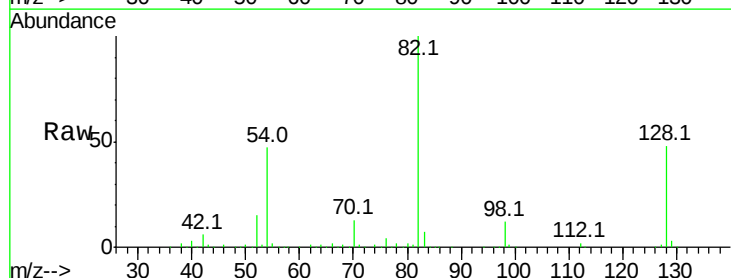


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

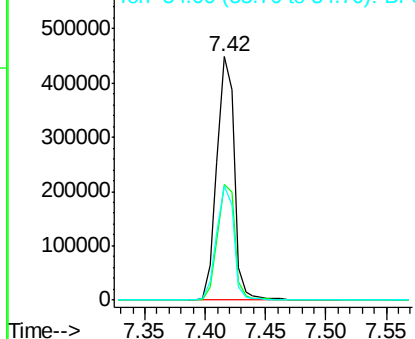
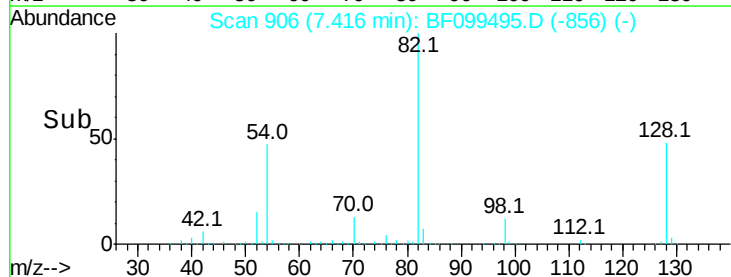


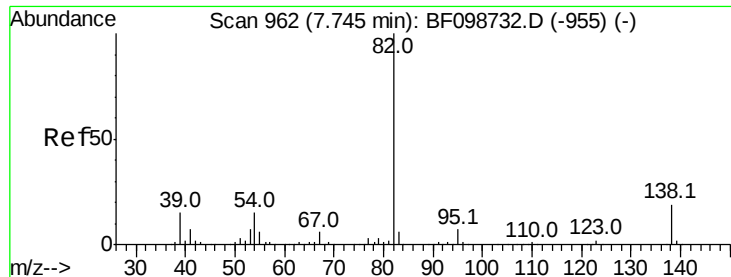
#23
Nitrobenzene-d5
Concen: 75.125 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Tgt Ion: 82	Resp:	445573
Ion Ratio	Lower	Upper
82	100	
128	47.5	36.1 54.1
54	47.1	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: 36.336 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampleId :

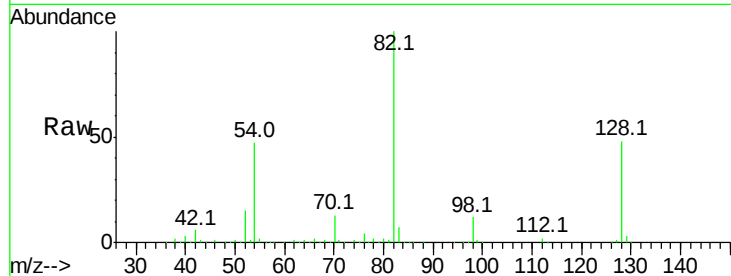
Tot Ion: 82 Resp: 445567

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

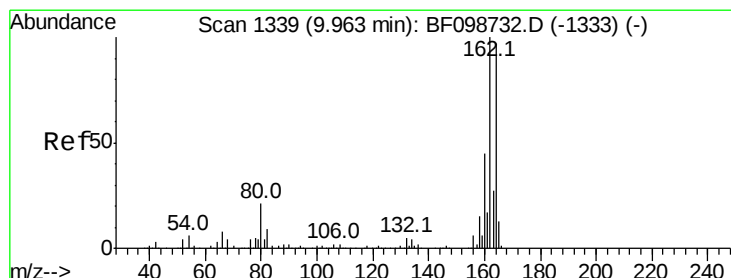
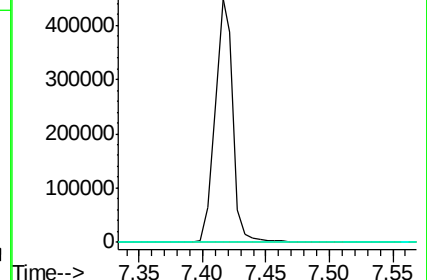
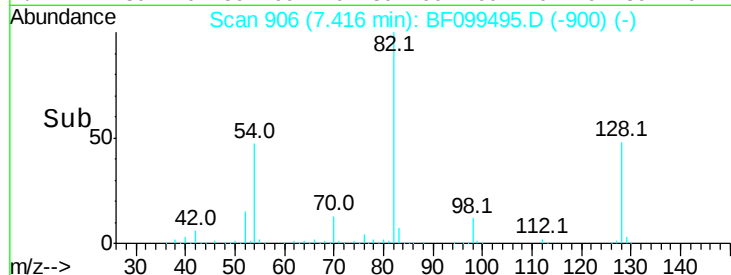
138 0.0 14.9 22.3#



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: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

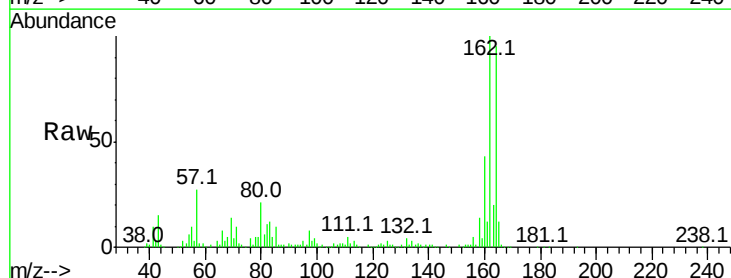
Tgt Ion:164 Resp: 155977

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

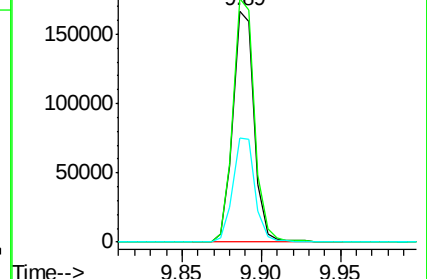
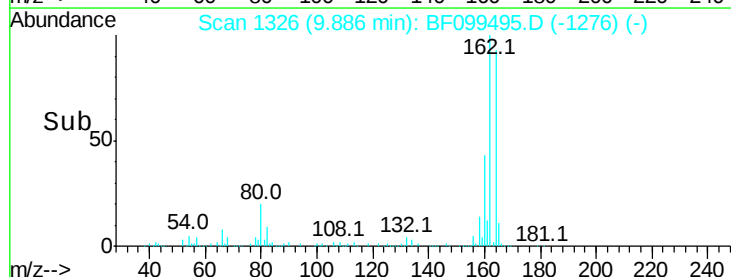
160 45.2 38.3 57.5

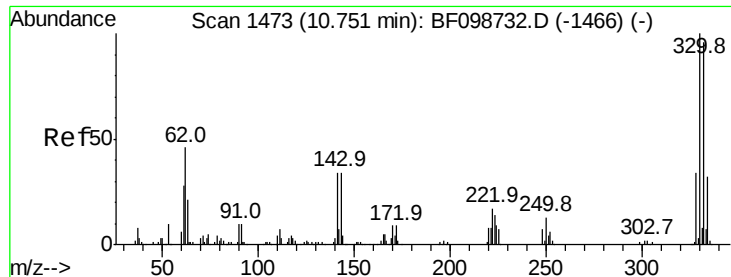


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

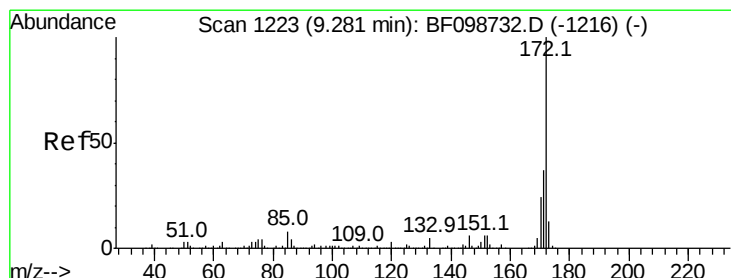
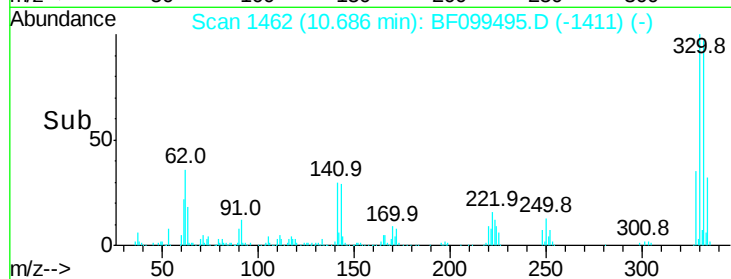
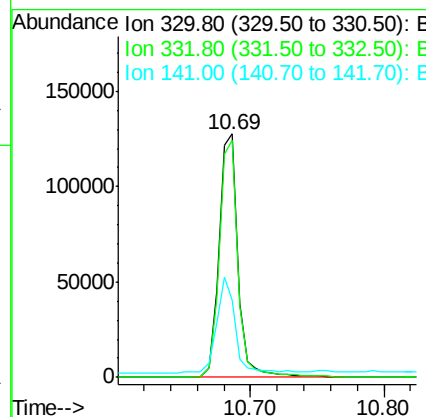
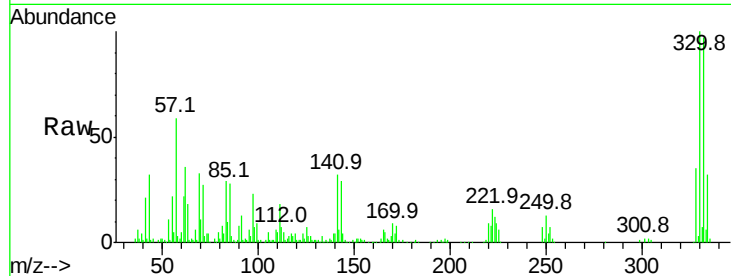




#41
 2,4,6-Tribromophenol
 Concen: 100.675 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF099495.D
 Acq: 14 Oct 2017 23:51

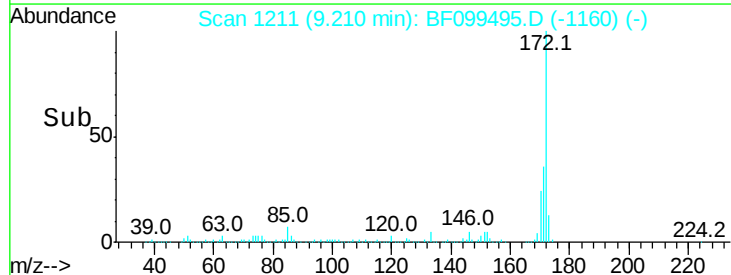
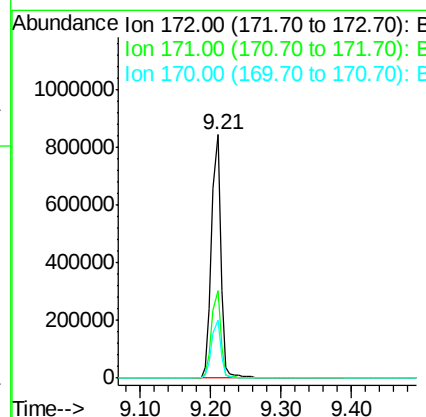
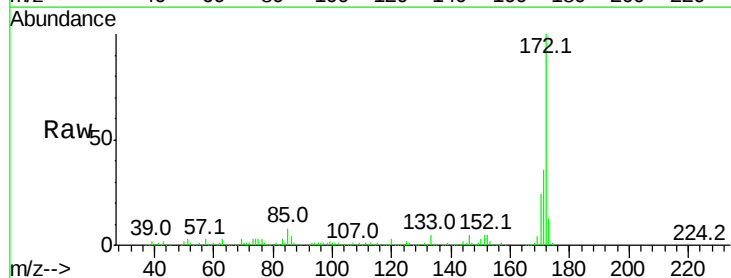
Instrument :
 BNA_F
 ClientSampleId :

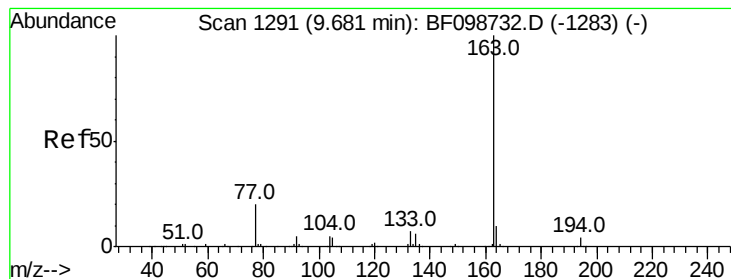
Tot Ion:330 Resp: 128493
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 37.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.671 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099495.D
 Acq: 14 Oct 2017 23:51

Tgt Ion:172 Resp: 781759
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.0 19.6 29.4





#49

Dimethylphthalate

Concen: 14.511 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampled :

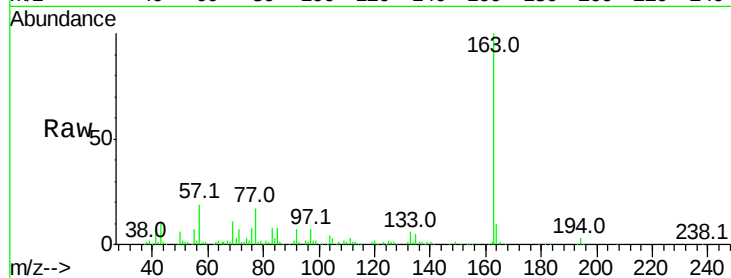
Tot Ion:163 Resp: 170823

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

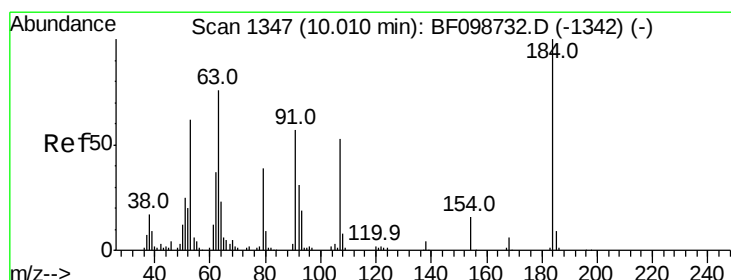
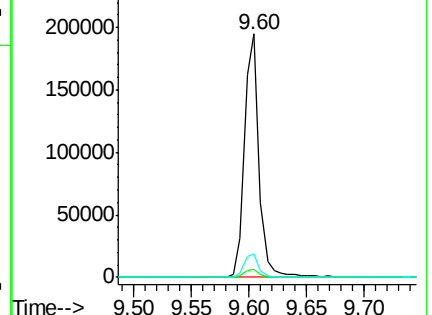
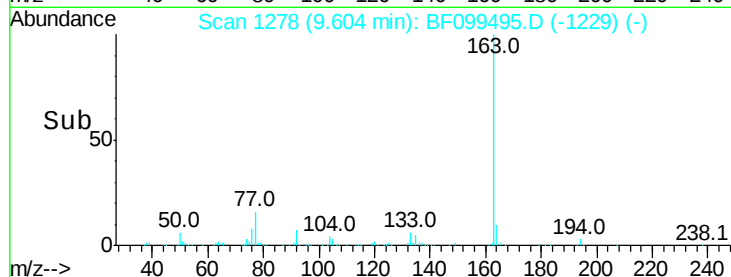
164 9.9 8.2 12.2



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: 5.920 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.16 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

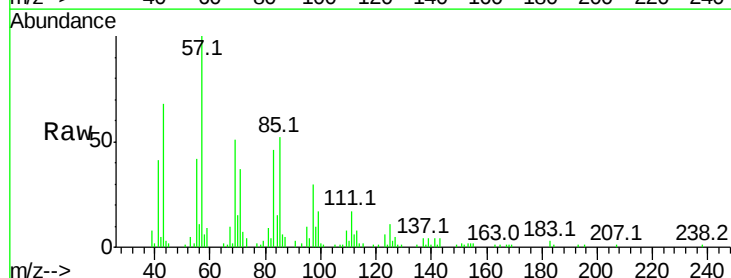
Tgt Ion:184 Resp: 132

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

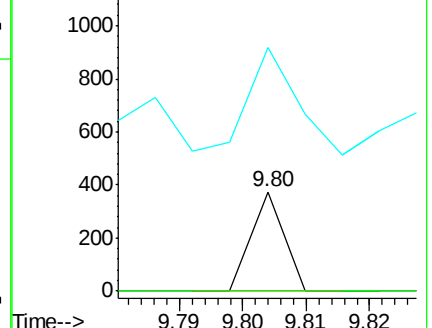
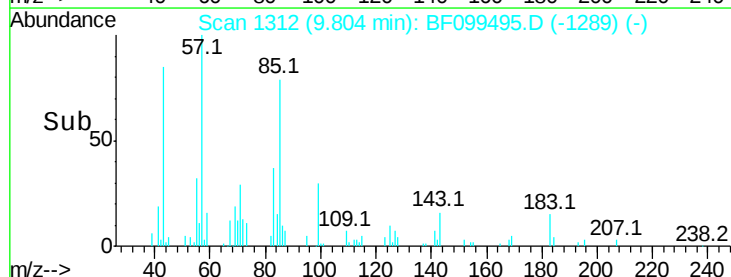
154 246.1 53.5 80.3#

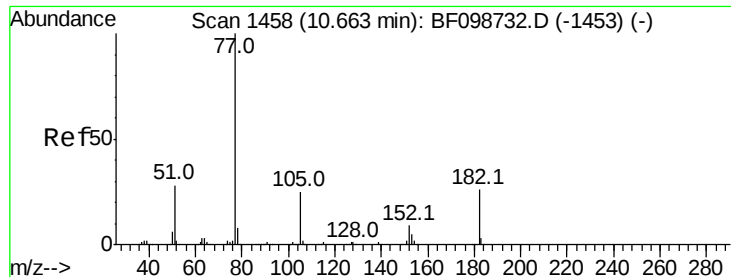


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

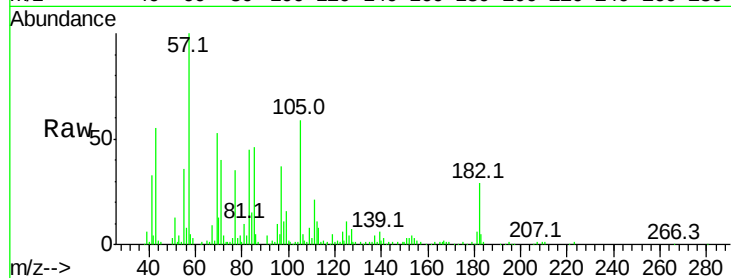




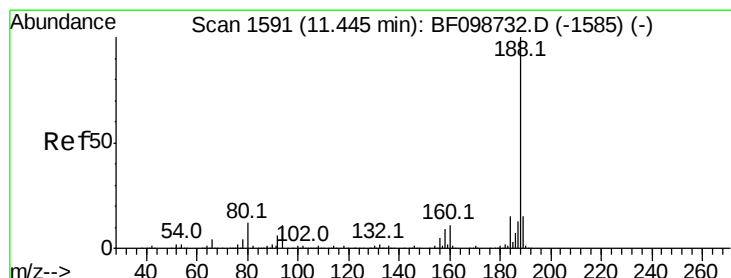
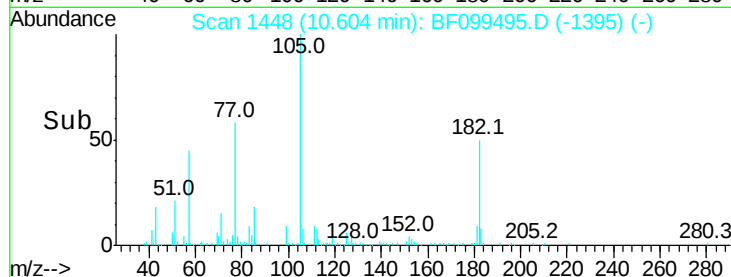
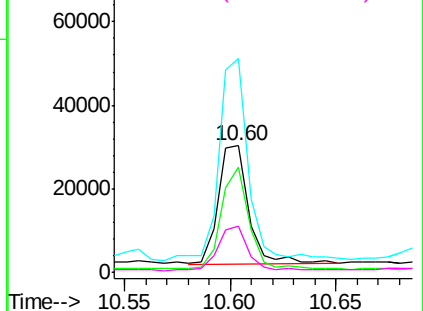
#62
Azobenzene
Concen: 2.691 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 28462
Ion Ratio Lower Upper
77 100
182 83.5 1.7 41.7#
105 169.0 3.0 43.0#
51 36.7 9.9 49.9

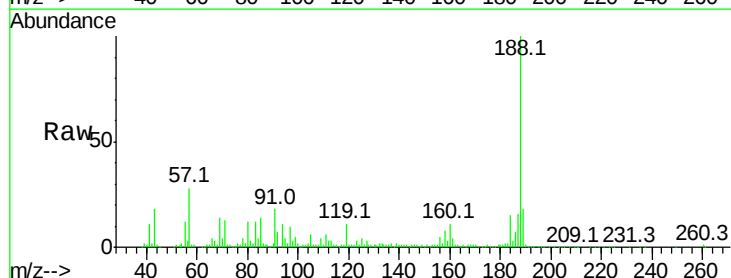


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

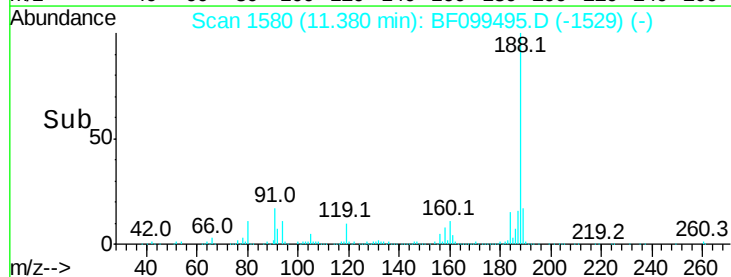
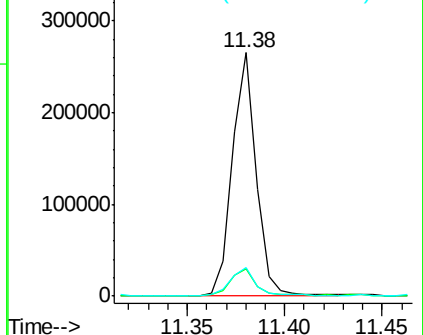


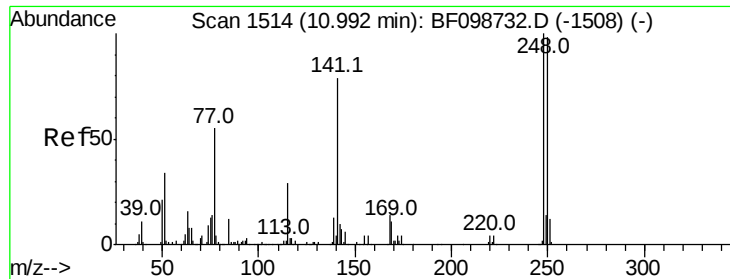
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Tgt Ion: 188 Resp: 224971
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 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

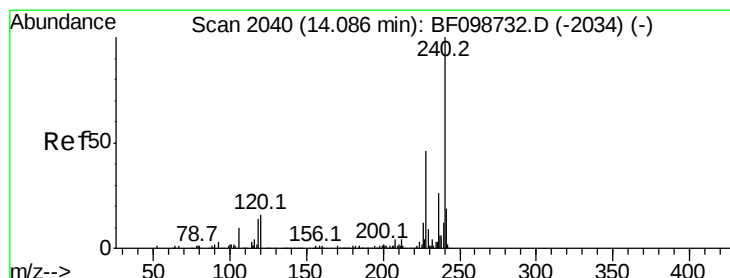
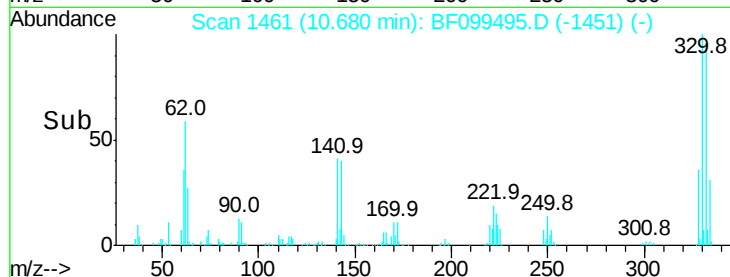
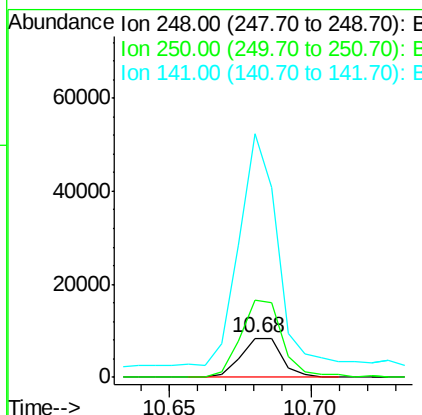
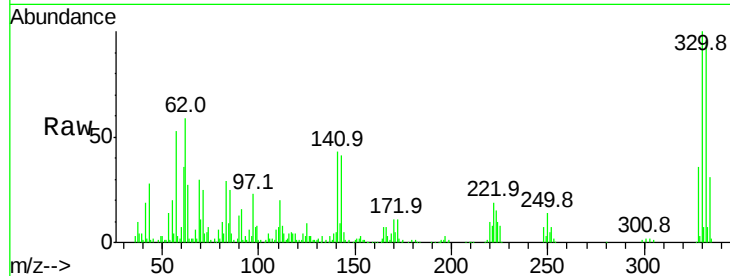




#66
 4-Bromophenyl-phenylether
 Concen: 3.821 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099495.D
 Acq: 14 Oct 2017 23:51

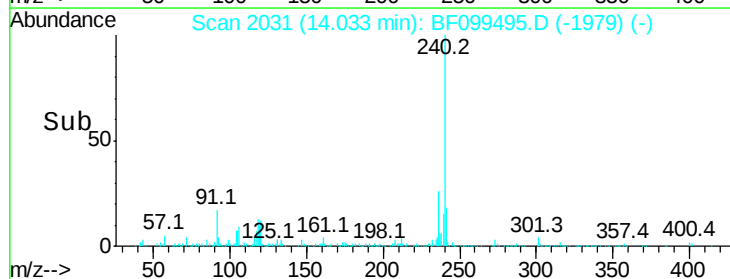
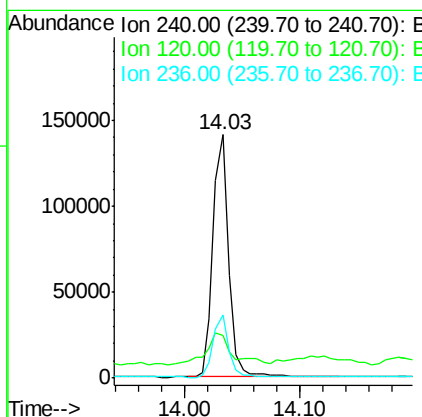
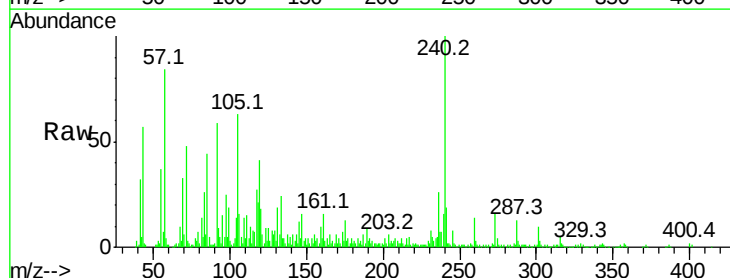
Instrument :
 BNA_F
 ClientSampleId :

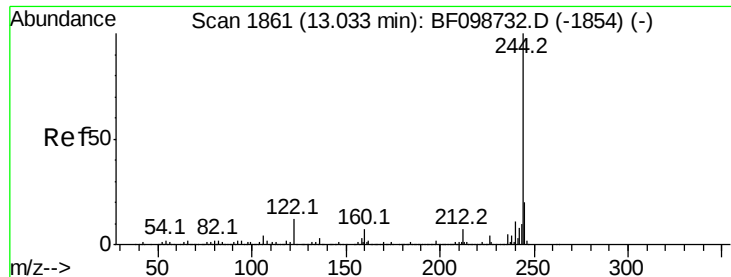
Tot Ion:248 Resp: 8414
 Ion Ratio Lower Upper
 248 100
 250 198.2 76.9 115.3#
 141 627.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF099495.D
 Acq: 14 Oct 2017 23:51

Tgt Ion:240 Resp: 133703
 Ion Ratio Lower Upper
 240 100
 120 17.5 9.5 14.3#
 236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 75.054 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampleId :

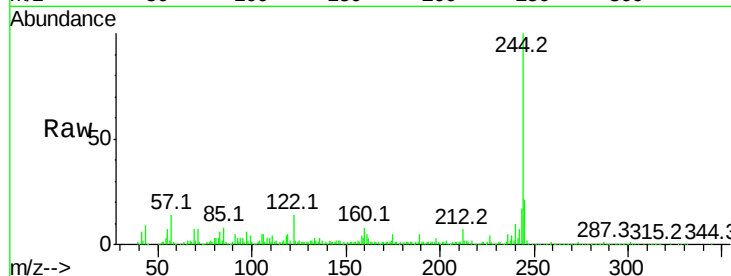
Tot Ion:244 Resp: 441252

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

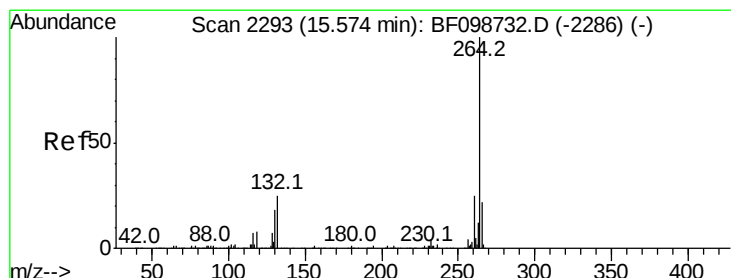
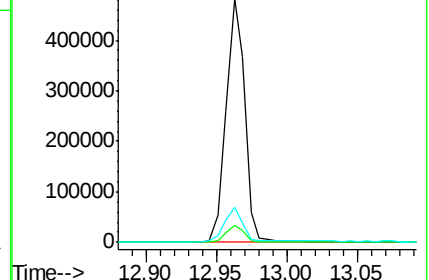
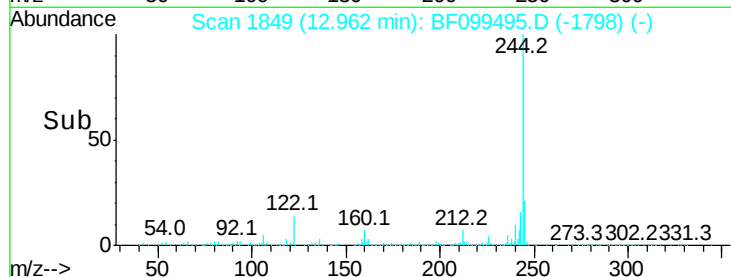
122 14.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.02 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

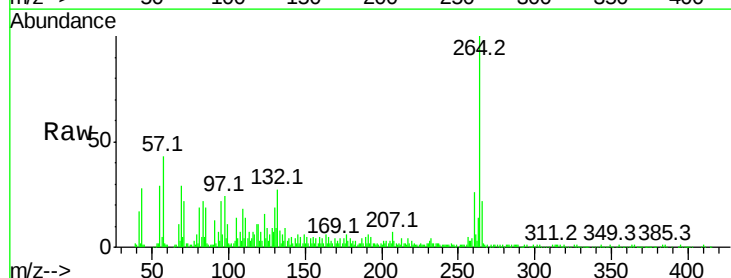
Tgt Ion:264 Resp: 147466

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 22.2 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

