

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099583.D
 Acq On : 17 Oct 2017 16:15
 Operator : SJ/JU
 Sample : I5776-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 17:34:17 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

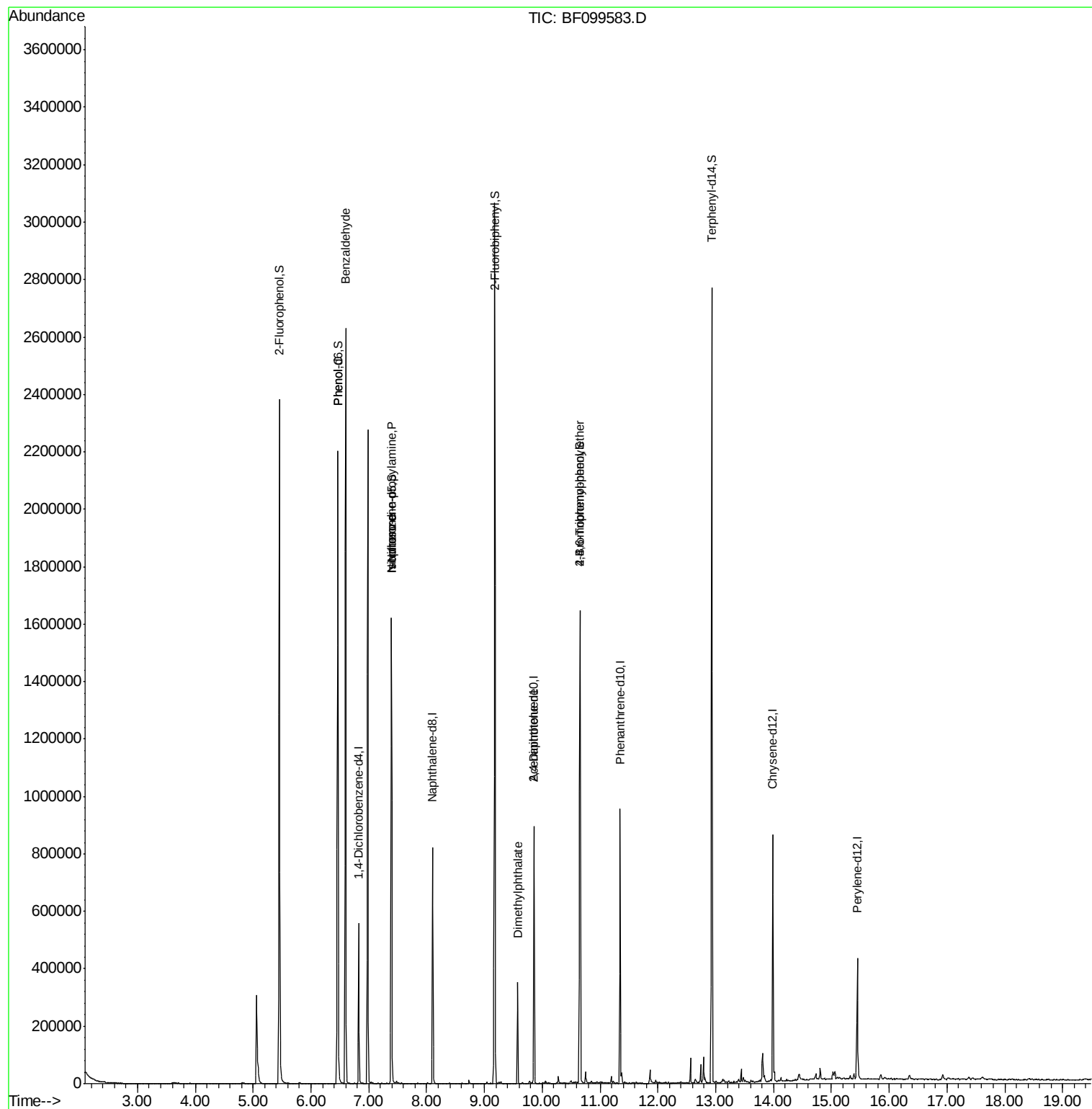
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93294	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	389673	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	180335	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	333196	20.00	ng	0.00
75) Chrysene-d12	13.99	240	263573	20.00	ng	-0.01
86) Perylene-d12	15.45	264	180928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	816782	139.37	ng	0.01
7) Phenol-d6	6.47	99	1003786	138.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	601140	98.93	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	220226	149.24	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1082419	100.20	ng	0.00
78) Terphenyl-d14	12.93	244	992211	85.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	15755	3.757	ng	Qvalue 91
10) Phenol	6.47	94	16697	2.065	ng	79
19) n-Nitroso-di-n-propylamine	7.39	70	74822	16.210	ng	# 72
25) Isophorone	7.39	82	601211	47.857	ng	# 64
49) Dimethylphthalate	9.57	163	137691	10.116	ng	99
56) 2,4-Dinitrotoluene	9.86	165	22862	5.945	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	14913	4.573	ng	# 1

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

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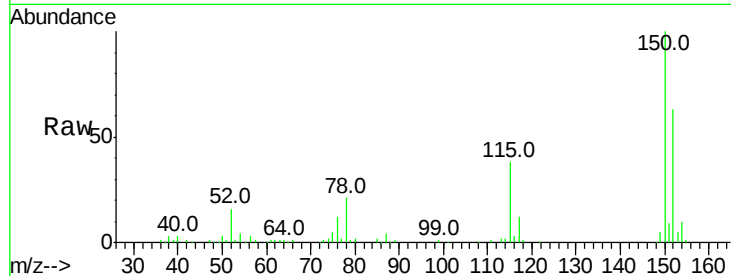


#1

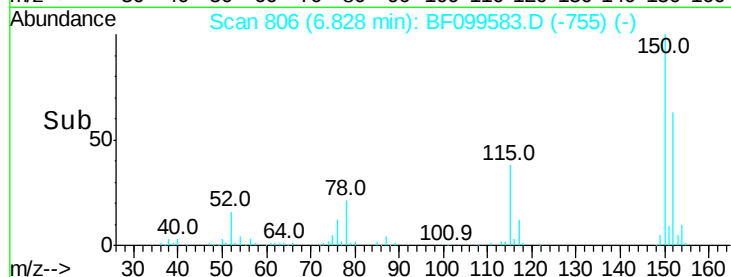
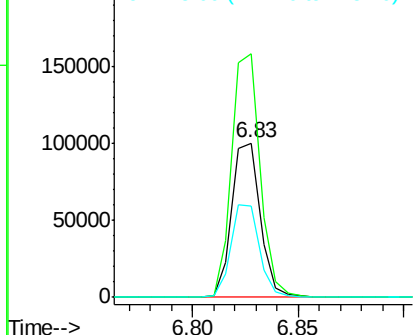
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 93294
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 59.1 50.1 75.1



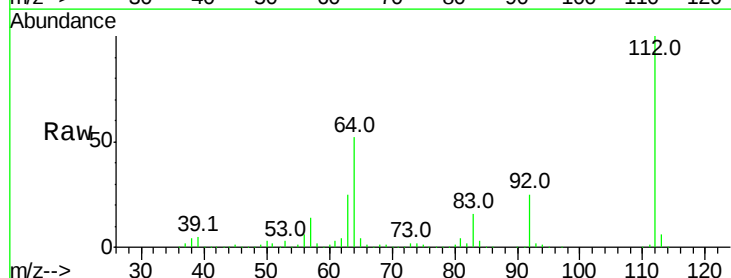
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



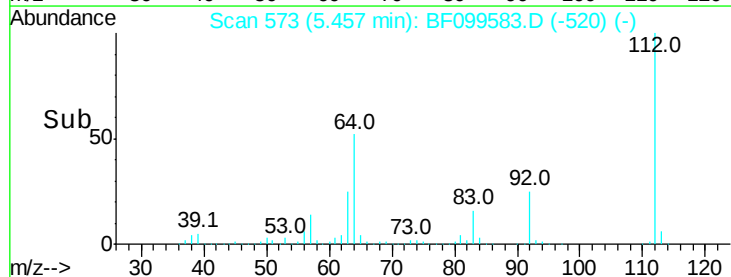
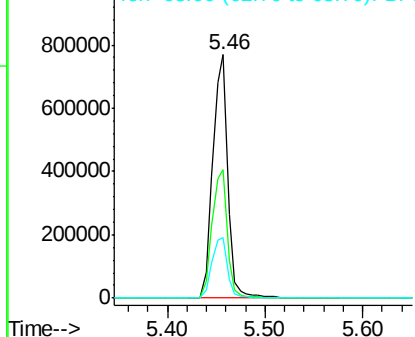
#5

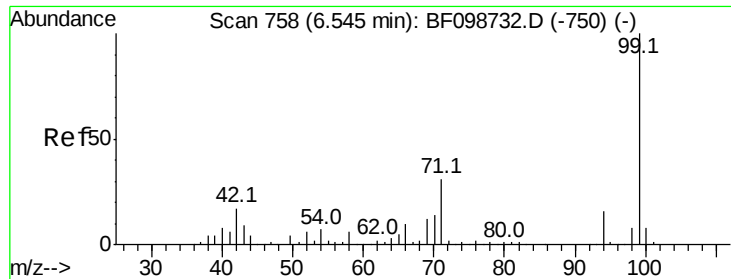
2-Fluorophenol
 Concen: 139.370 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Tgt Ion:112 Resp: 816782
 Ion Ratio Lower Upper
 112 100
 64 52.5 47.9 71.9
 63 25.1 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: 138.843 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099583.D

Acq: 17 Oct 2017 16:15

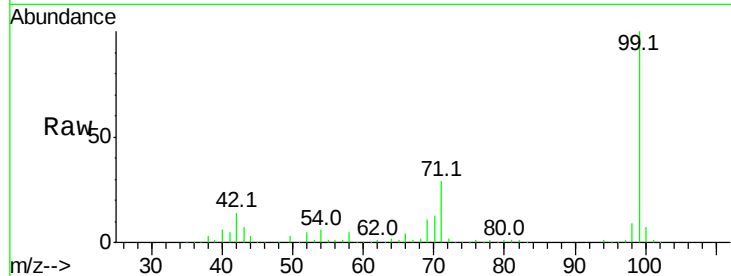
Instrument :

BNA_F

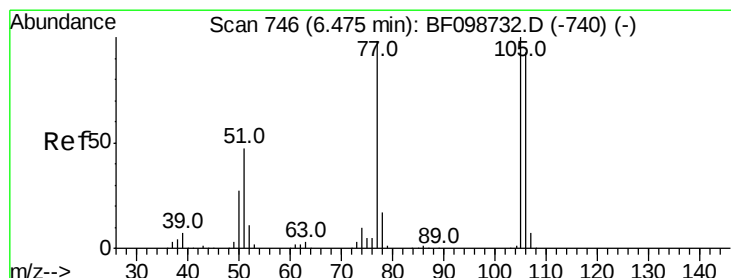
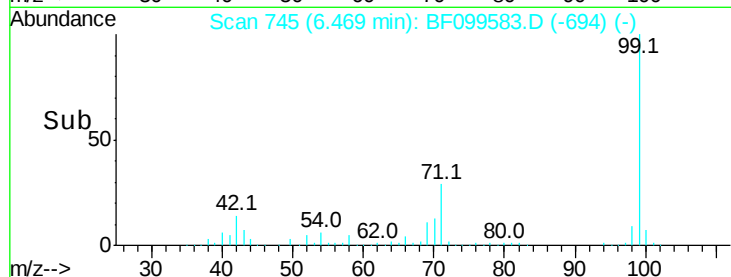
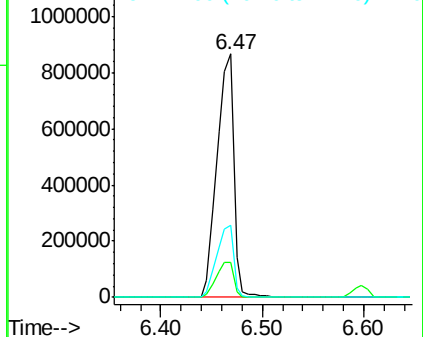
ClientSampled :

Tot Ion: 99 Resp: 1003786

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: 3.757 ng

RT: 6.60 min Scan# 767

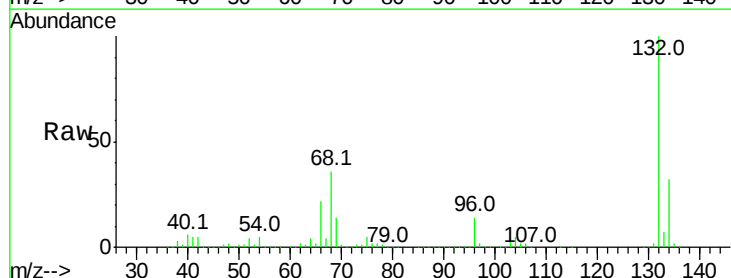
Delta R.T. 0.21 min

Lab File: BF099583.D

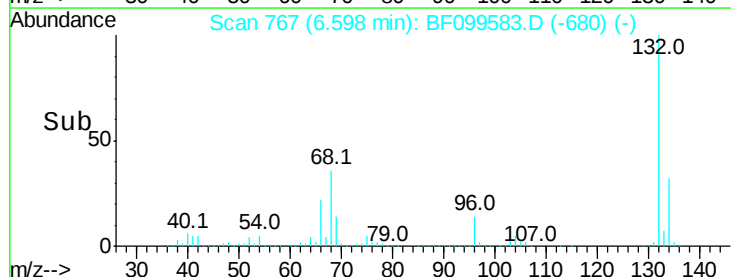
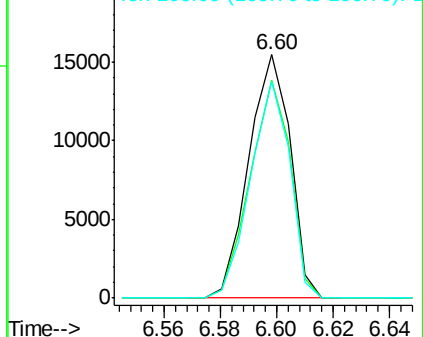
Acq: 17 Oct 2017 16:15

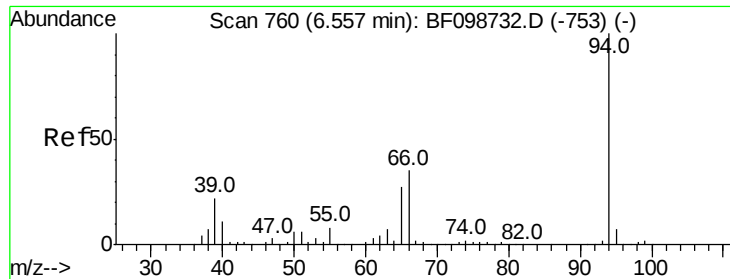
Tgt Ion: 77 Resp: 15755

Ion	Ratio	Lower	Upper
77	100		
105	89.7	81.1	121.1
106	88.9	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

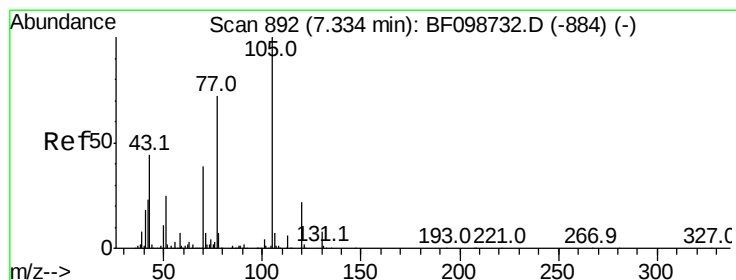
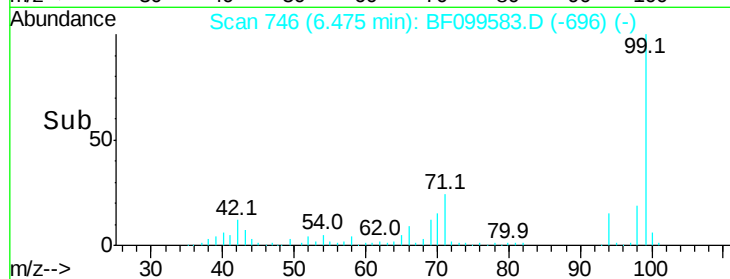
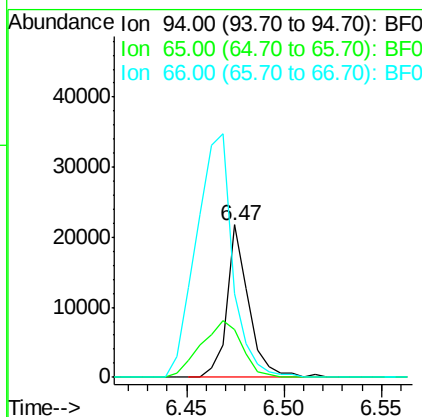
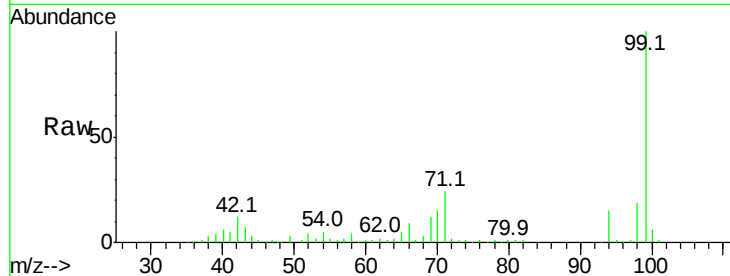




#10
Phenol
Concen: 2.065 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

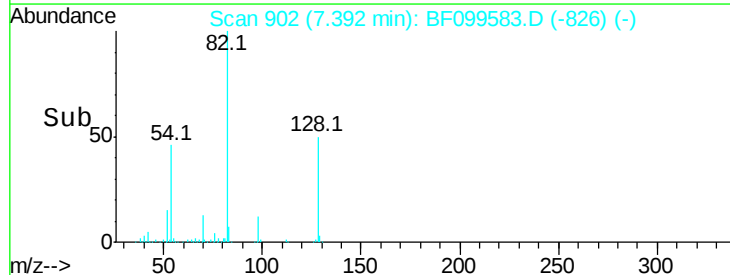
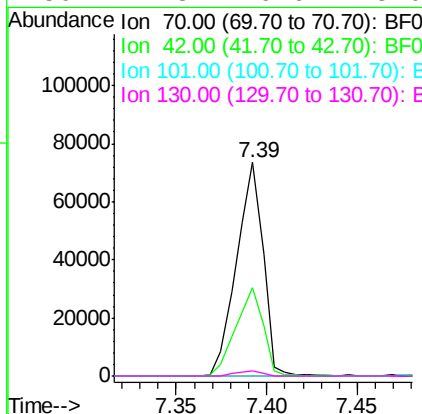
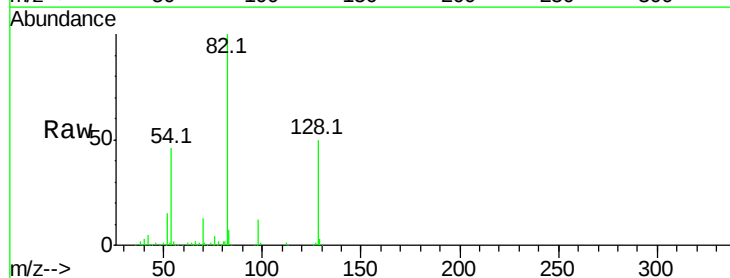
Instrument :
BNA_F
ClientSampled :

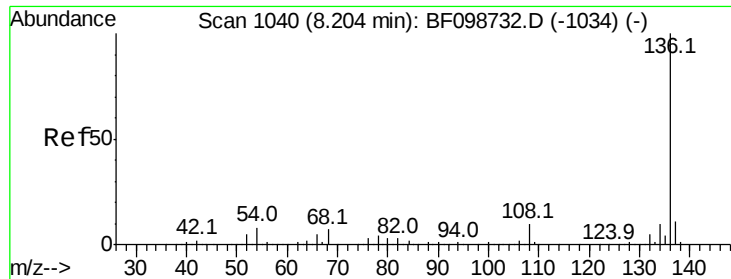
Tot Ion: 94 Resp: 16697
Ion Ratio Lower Upper
94 100
65 30.9 7.9 47.9
66 55.0 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.210 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

Tgt Ion: 70 Resp: 74822
Ion Ratio Lower Upper
70 100
42 41.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

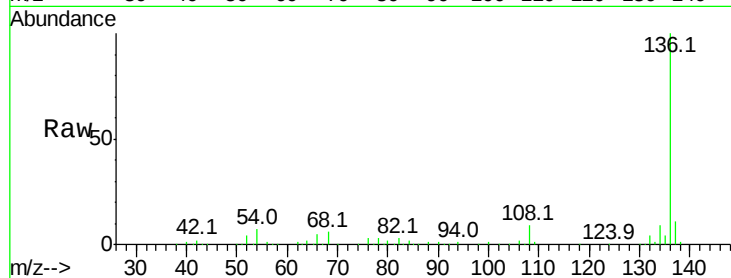




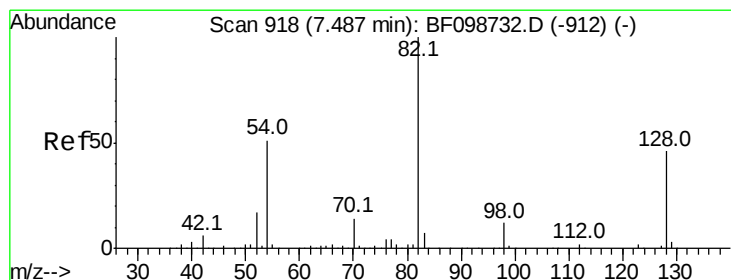
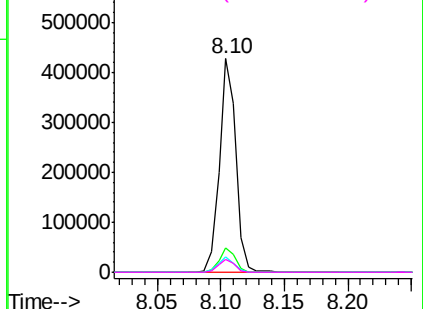
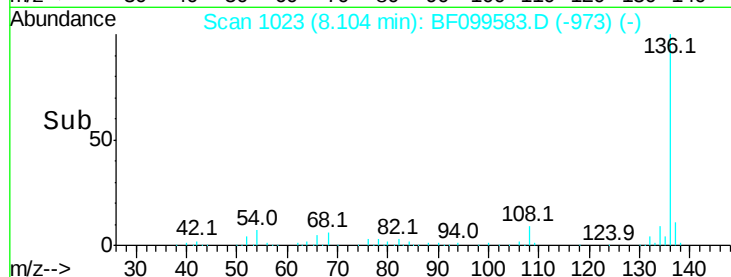
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	389673
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4

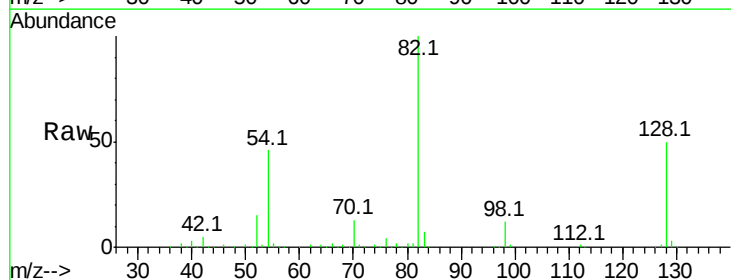


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

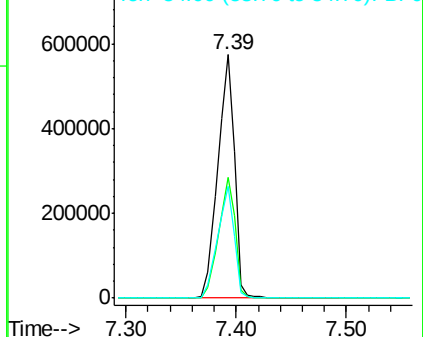
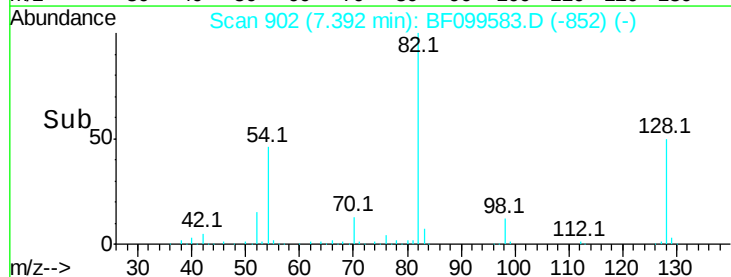


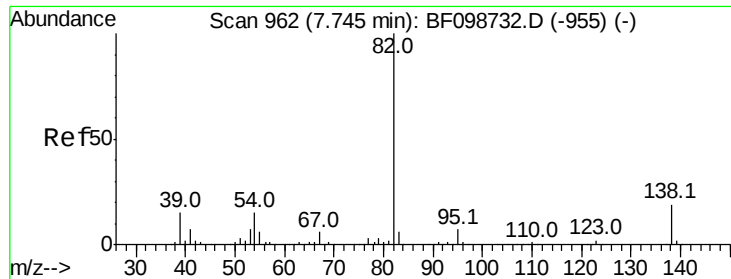
#23
Nitrobenzene-d5
Concen: 98.932 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

Tgt Ion:	82	Resp:	601140
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	46.1	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: 47.857 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099583.D

Acq: 17 Oct 2017 16:15

Instrument :

BNA_F

ClientSampleId :

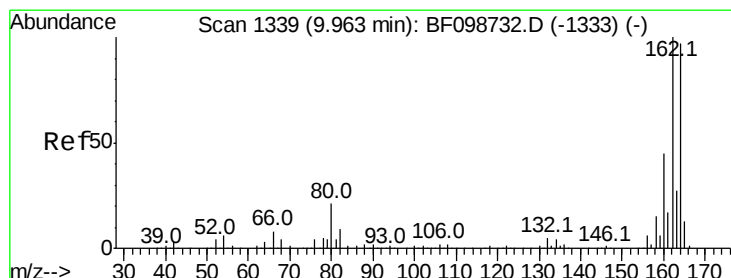
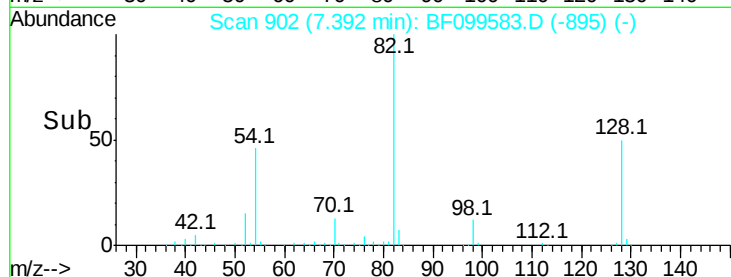
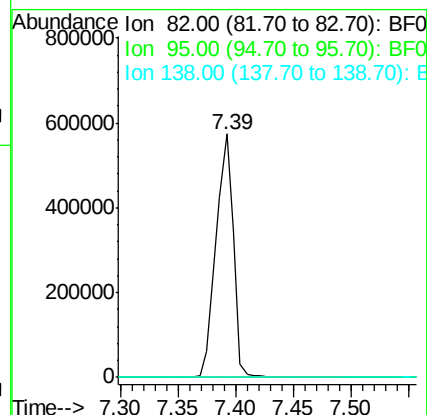
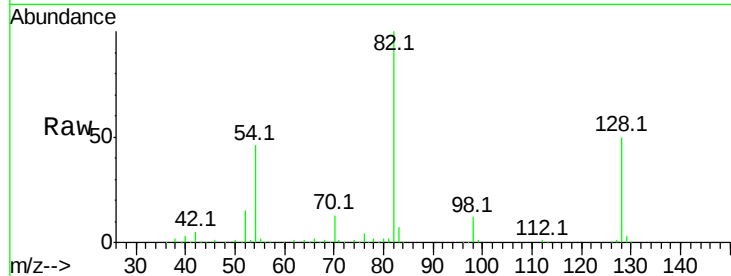
Tot Ion: 82 Resp: 601211

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF099583.D

Acq: 17 Oct 2017 16:15

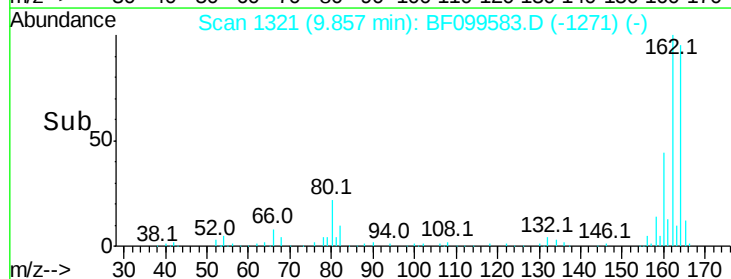
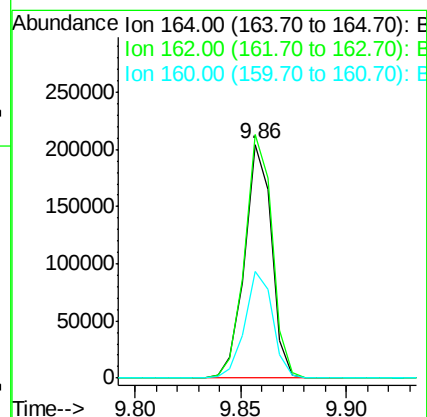
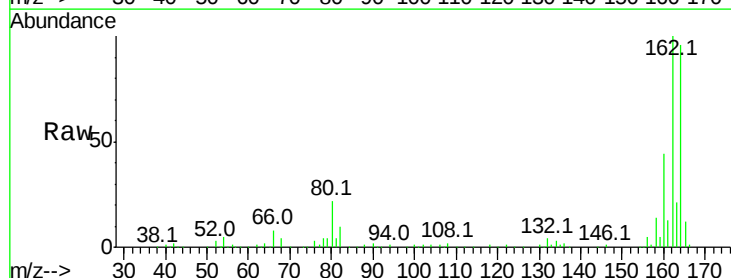
Tgt Ion:164 Resp: 180335

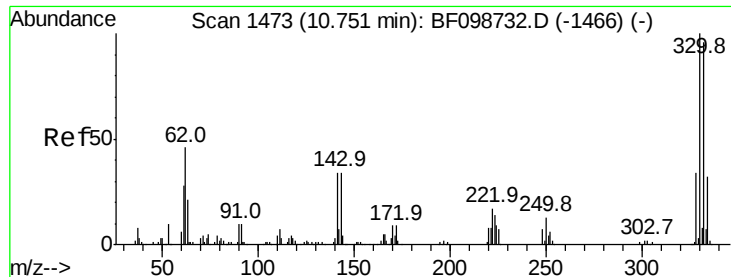
Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

160 45.5 38.3 57.5

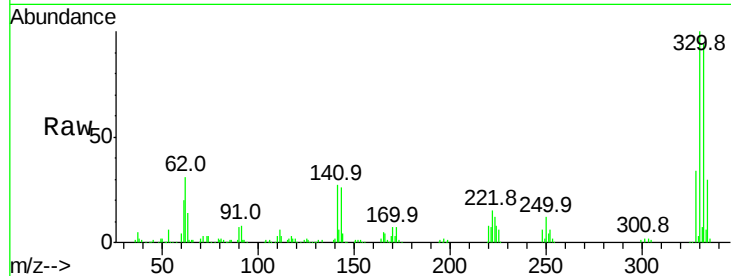




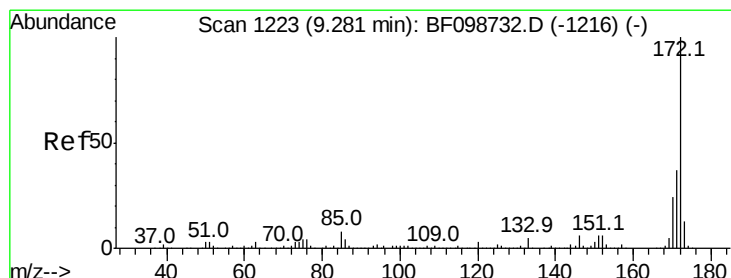
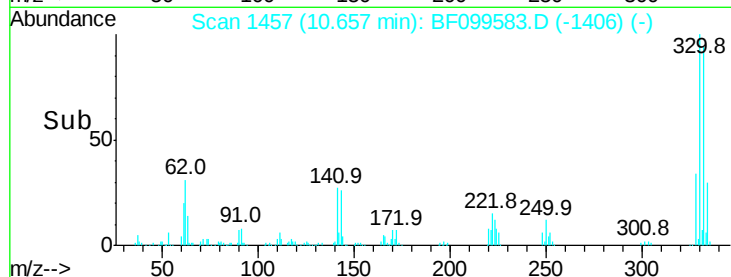
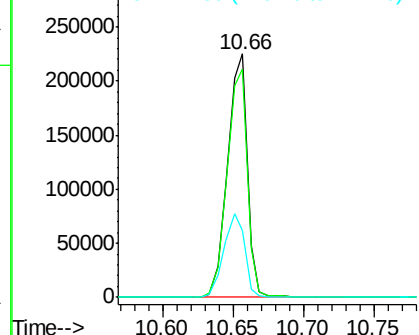
#41
 2,4,6-Tribromophenol
 Concen: 149.242 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	36.2	29.9	44.9

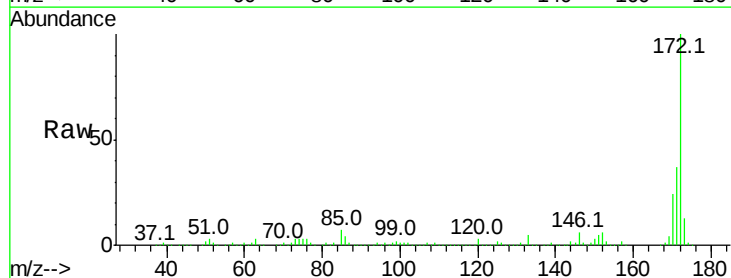


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

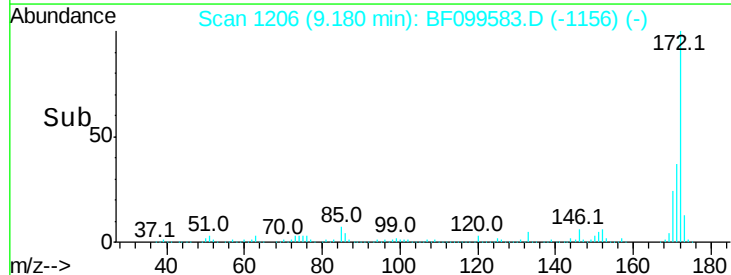
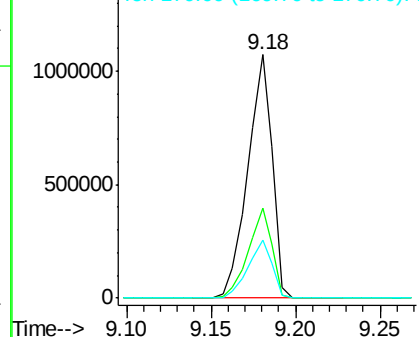


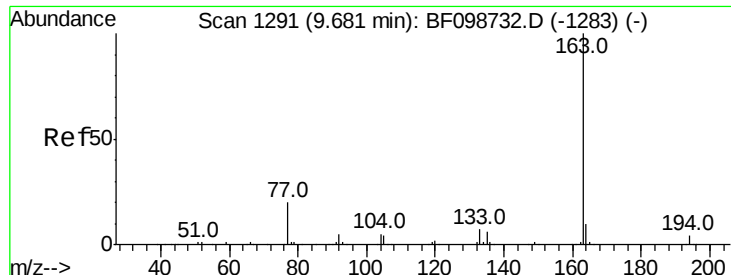
#44
 2-Fluorobiphenyl
 Concen: 100.203 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.1	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

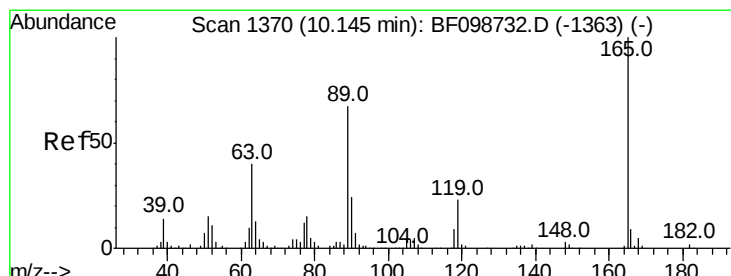
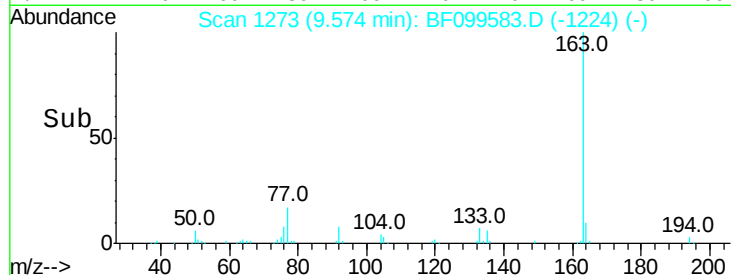
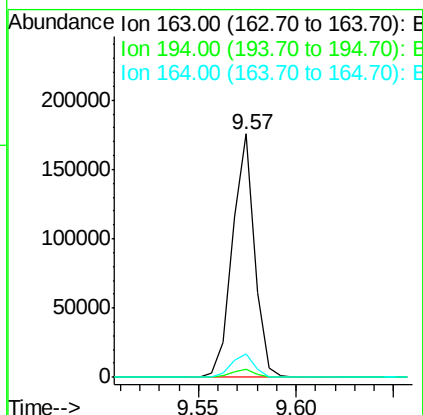
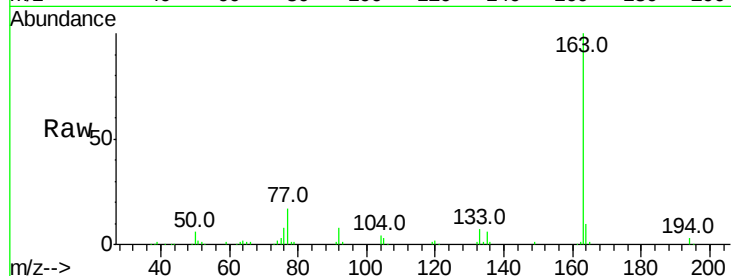




#49
Dimethylphthalate
Concen: 10.116 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

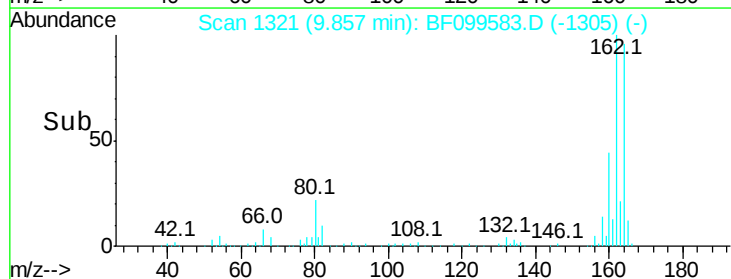
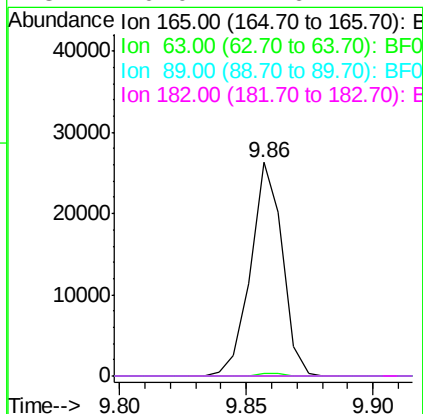
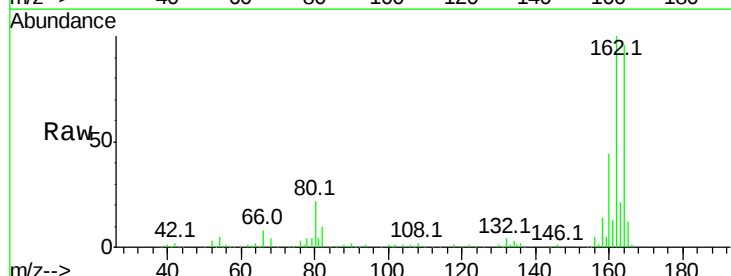
Instrument :
BNA_F
ClientSampleId :

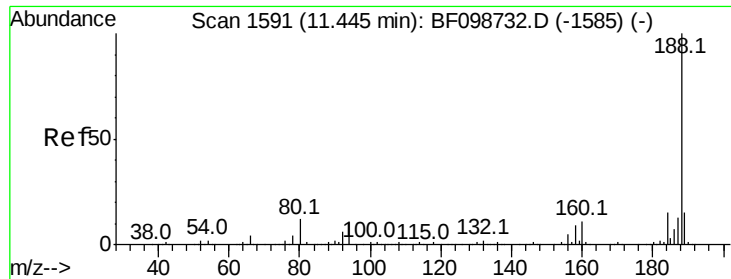
Tot Ion:163 Resp: 137691
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.945 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.21 min
Lab File: BF099583.D
Acq: 17 Oct 2017 16:15

Tgt Ion:165 Resp: 22862
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

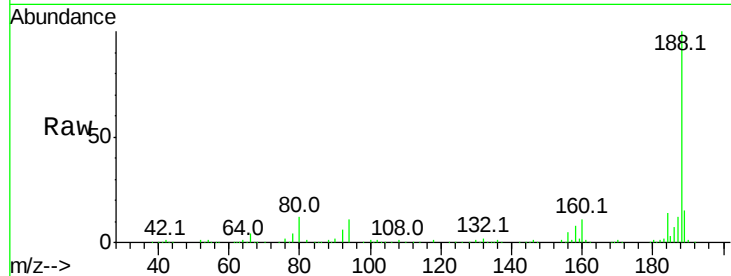




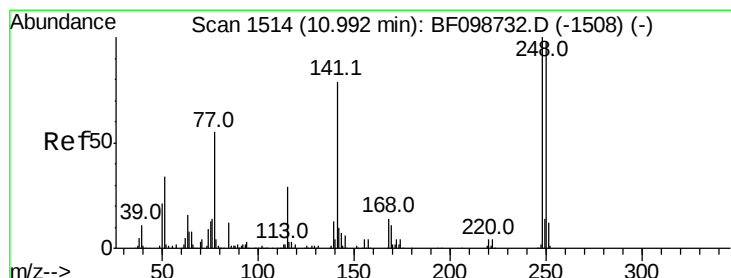
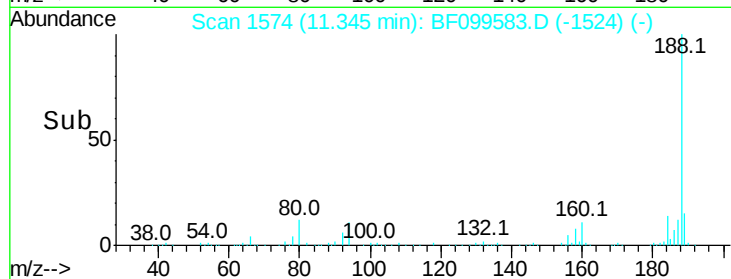
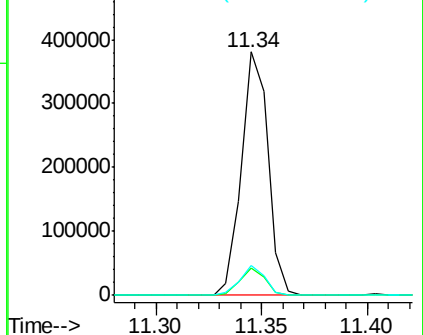
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 333196
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.2 9.2 13.8

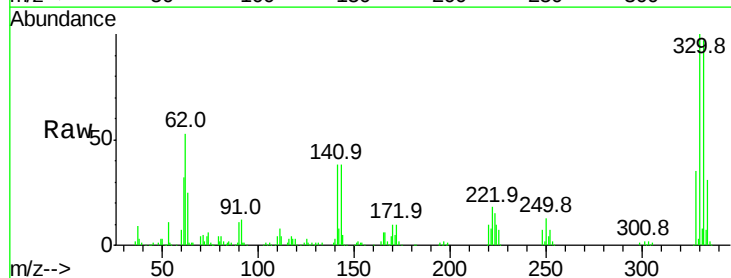


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

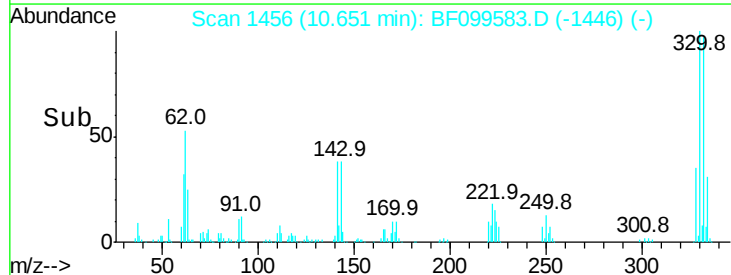
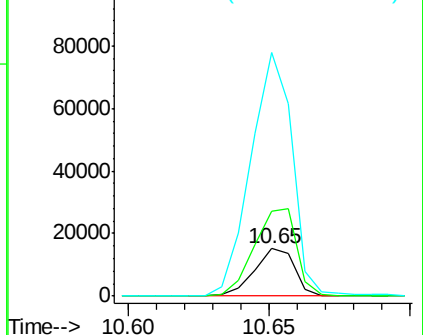


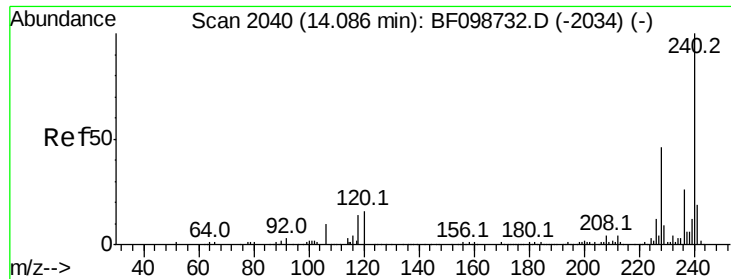
#66
 4-Bromophenyl-phenylether
 Concen: 4.573 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.24 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Tgt Ion:248 Resp: 14913
 Ion Ratio Lower Upper
 248 100
 250 180.9 76.9 115.3#
 141 516.3 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

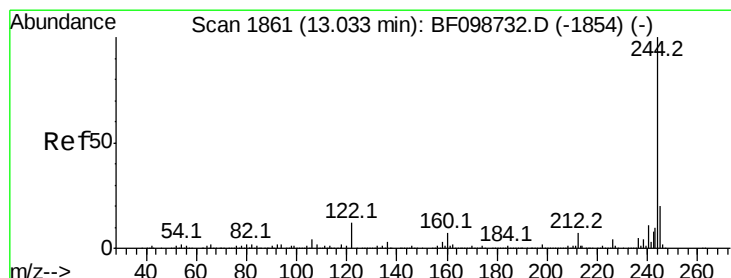
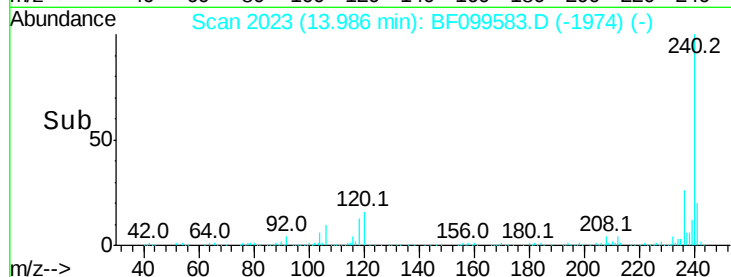
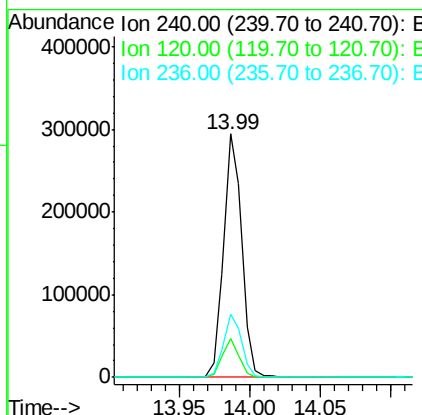
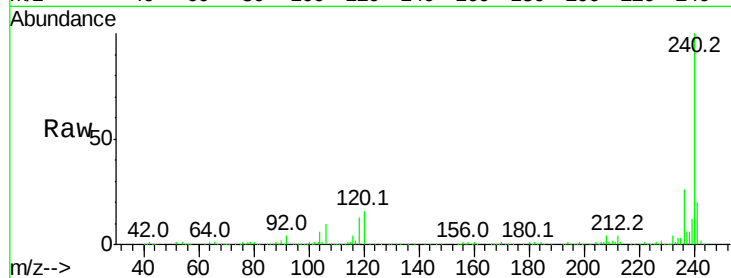




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

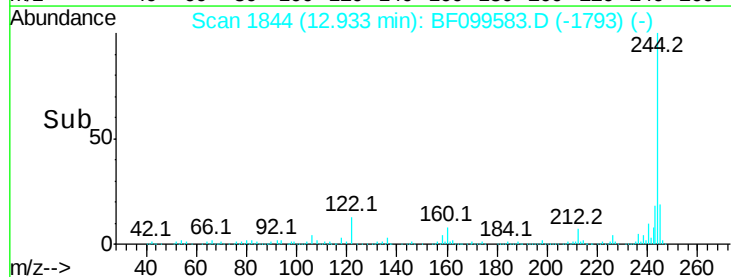
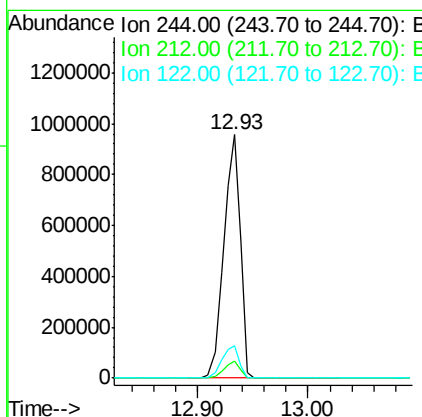
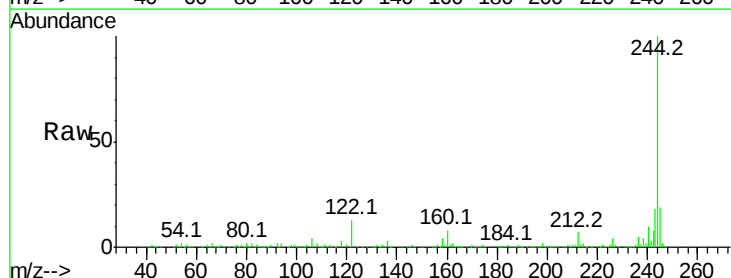
Instrument :
 BNA_F
 ClientSampleId :

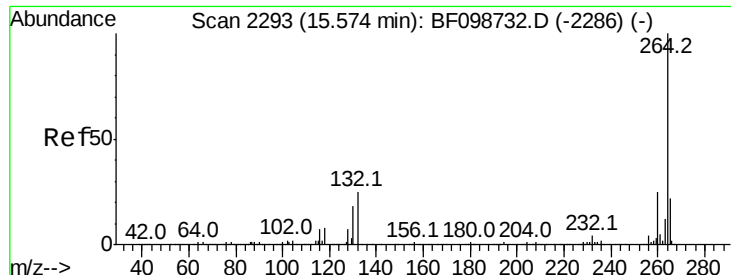
Tot Ion:240 Resp: 263573
 Ion Ratio Lower Upper
 240 100
 120 15.9 9.5 14.3#
 236 26.1 20.7 31.1



#78
 Terphenyl-d14
 Concen: 85.612 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Tgt Ion:244 Resp: 992211
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4

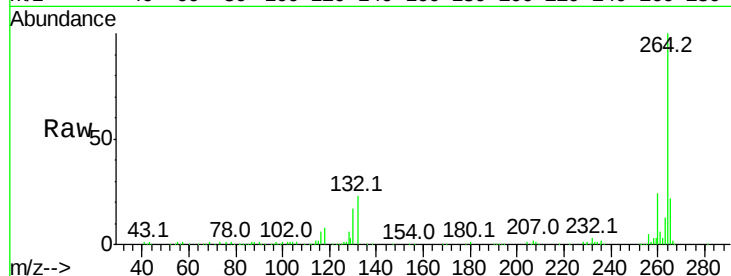




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF099583.D
 Acq: 17 Oct 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	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

