

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099296.D
 Acq On : 10 Oct 2017 12:53
 Operator : SJ/JU
 Sample : I5651-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 16:05:55 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

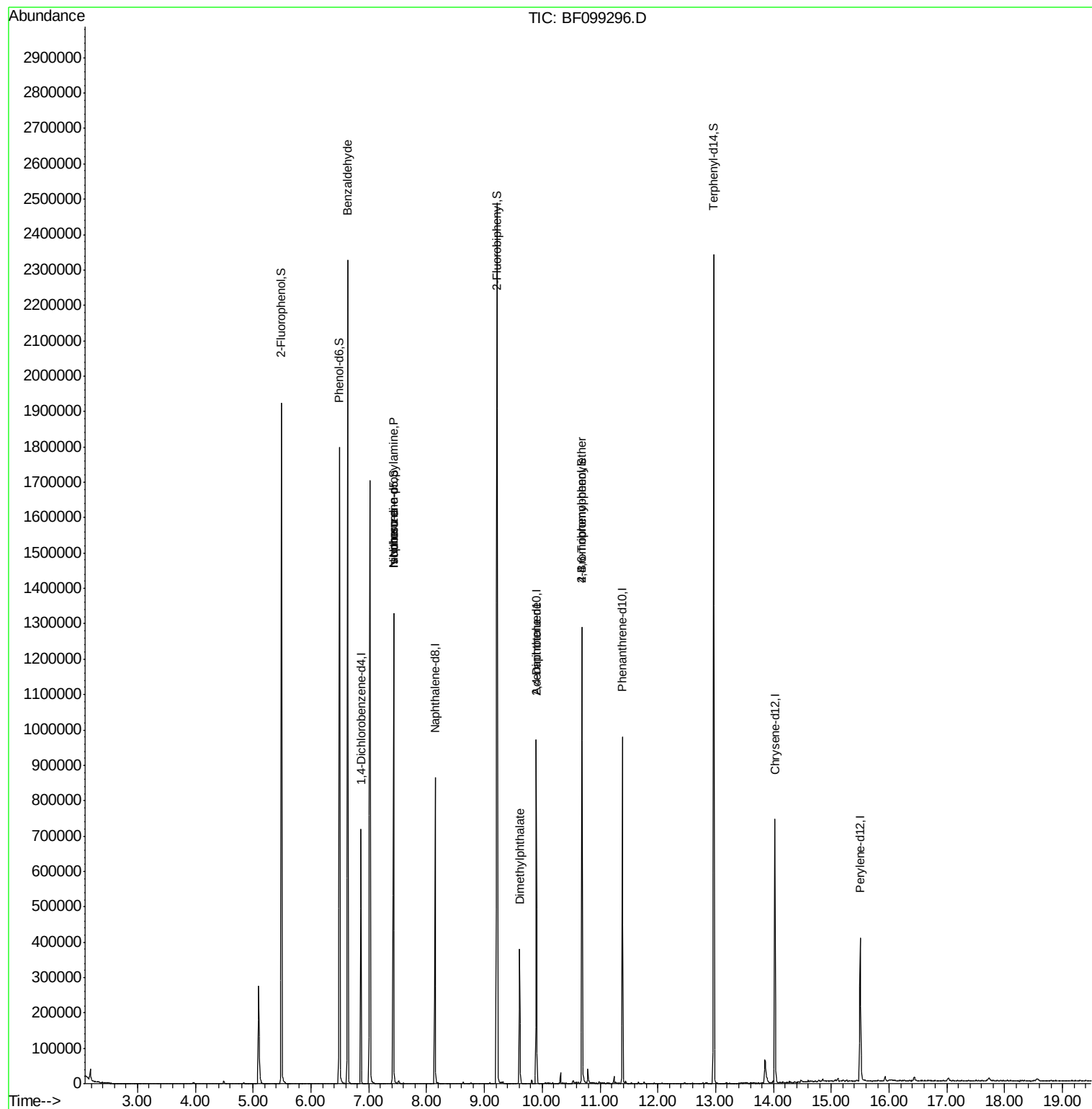
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101678	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	414017	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	185726	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	336552	20.00	ng	0.00
75) Chrysene-d12	14.03	240	262117	20.00	ng	0.00
86) Perylene-d12	15.50	264	191471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	643226	100.71	ng	0.01
7) Phenol-d6	6.50	99	771252	97.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	444994	68.93	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	152844	100.57	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	844330	75.89	ng	-0.01
78) Terphenyl-d14	12.97	244	747527	64.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	12453	2.725	ng	90
19) n-Nitroso-di-n-propylamine	7.43	70	56737	11.278	ng	# 73
25) Isophorone	7.43	82	444986	33.338	ng	# 64
49) Dimethylphthalate	9.61	163	152325	10.867	ng	99
56) 2,4-Dinitrotoluene	9.90	165	23093	5.831	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	10490	3.184	ng	# 1

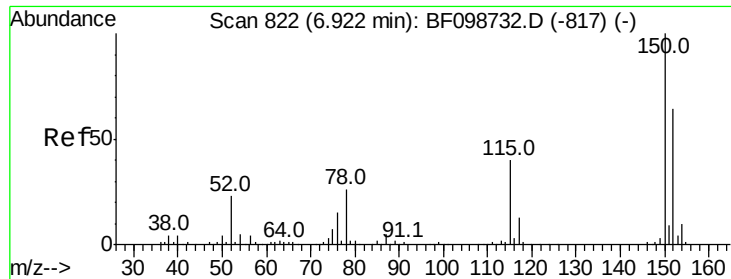
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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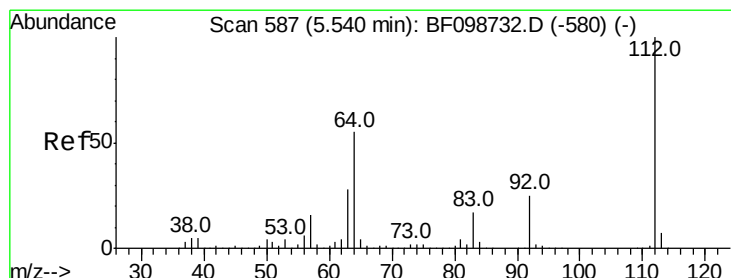
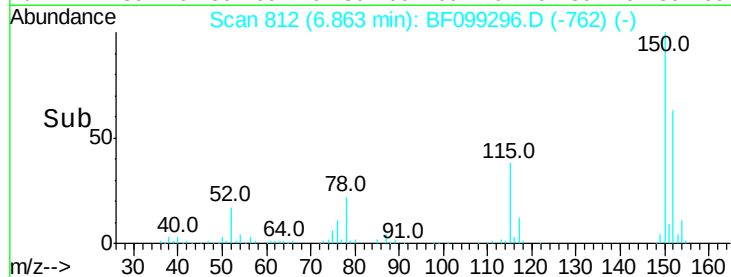
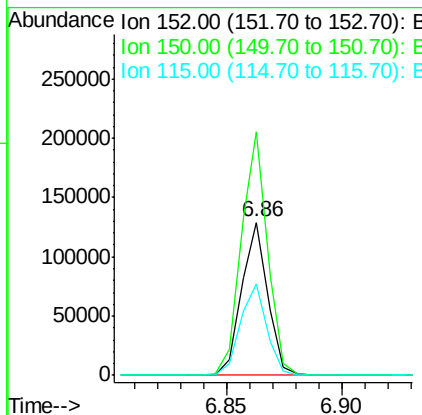
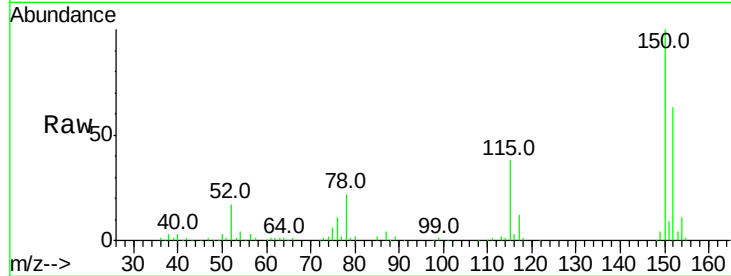


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

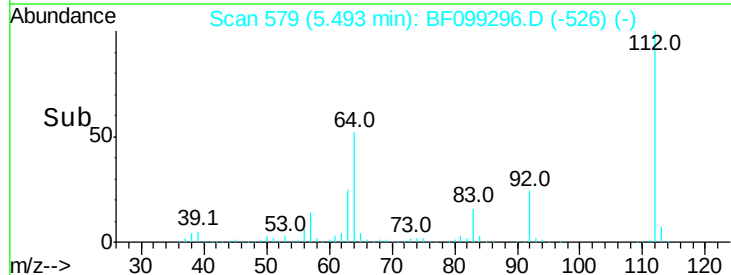
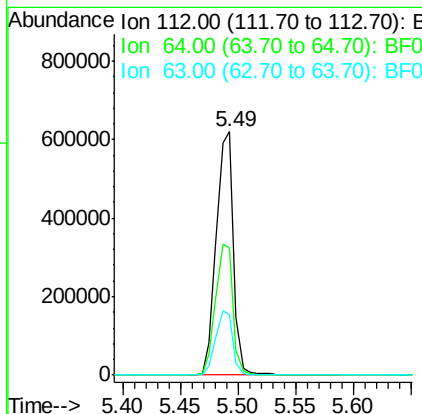
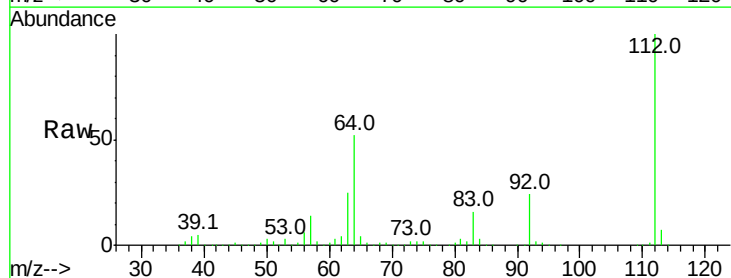
Tot Ion:152 Resp: 101678
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 59.8 50.1 75.1

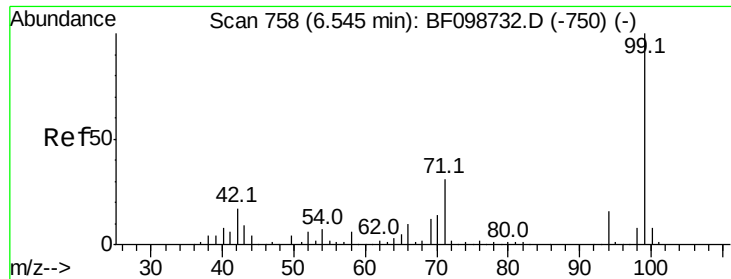


#5

2-Fluorophenol
 Concen: 100.705 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Tgt Ion:112 Resp: 643226
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 25.1 23.7 35.5





#7

Phenol-d6

Concen: 97.883 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099296.D

Acq: 10 Oct 2017 12:53

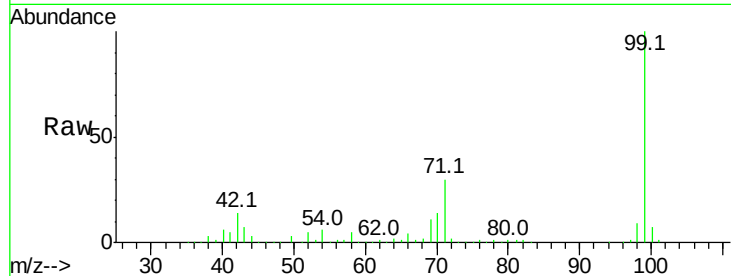
Instrument :

BNA_F

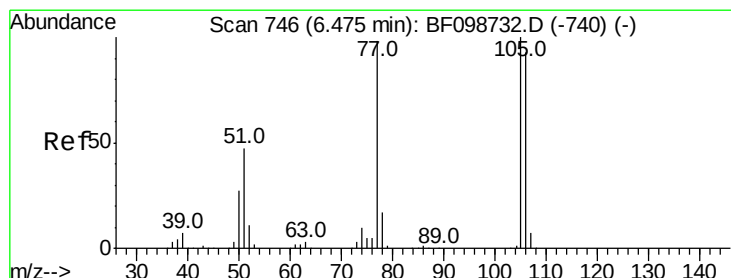
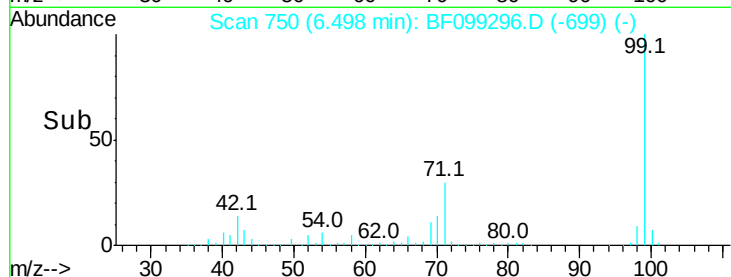
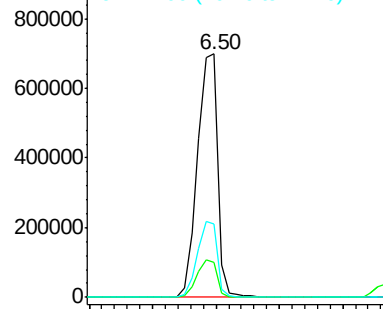
ClientSampled :

Tot Ion: 99 Resp: 771252

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	30.0	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: 2.725 ng

RT: 6.63 min Scan# 773

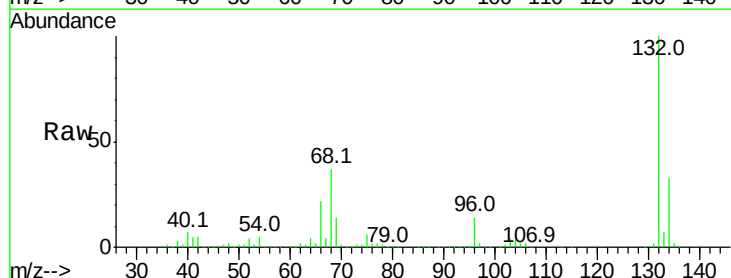
Delta R.T. 0.21 min

Lab File: BF099296.D

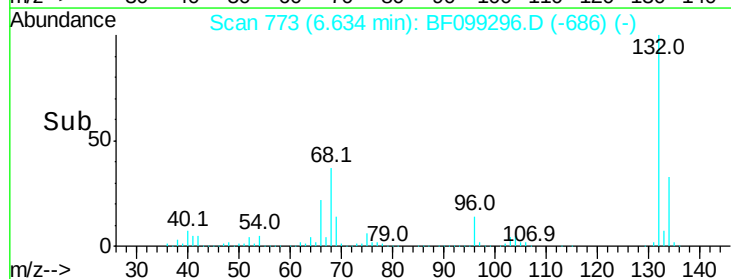
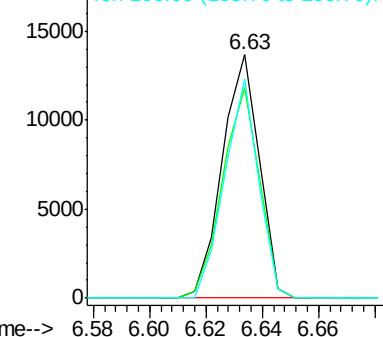
Acq: 10 Oct 2017 12:53

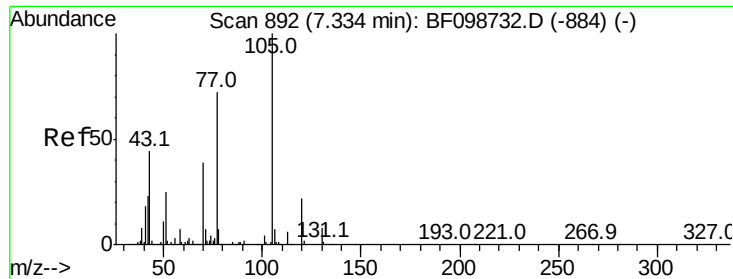
Tgt Ion: 77 Resp: 12453

Ion	Ratio	Lower	Upper
77	100		
105	86.2	81.1	121.1
106	90.0	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

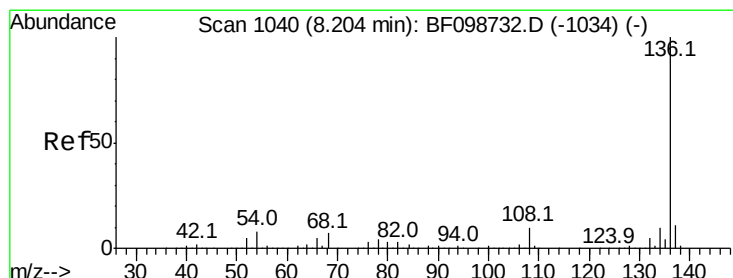
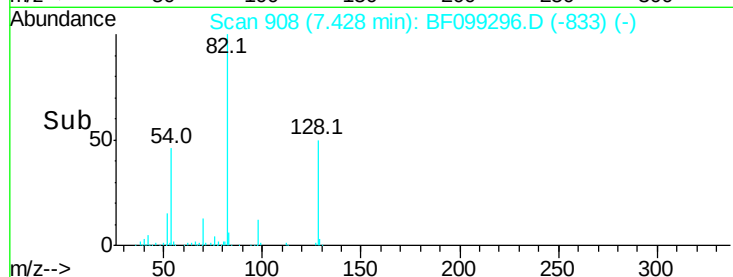
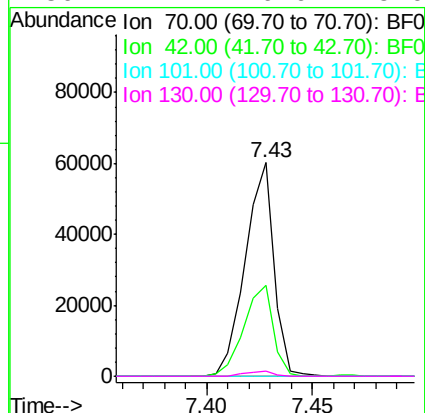
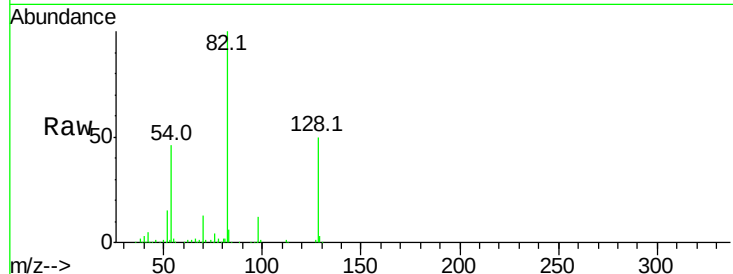




#19
n-Nitroso-di-n-propylamine
Concen: 11.278 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

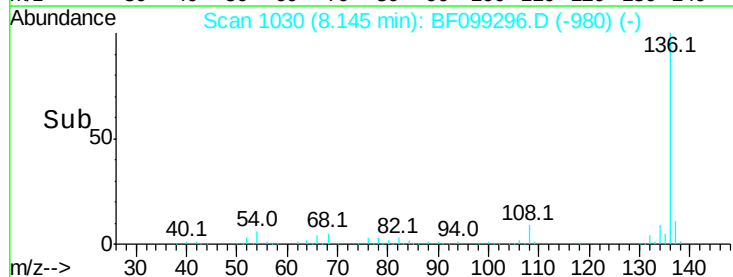
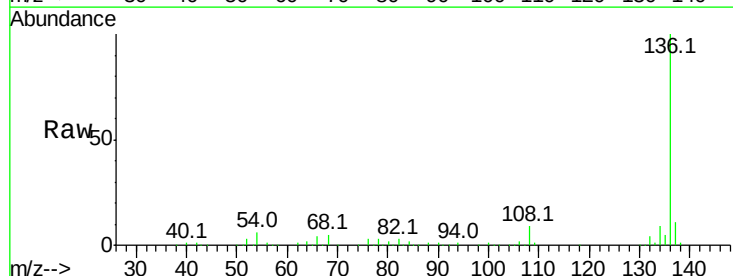
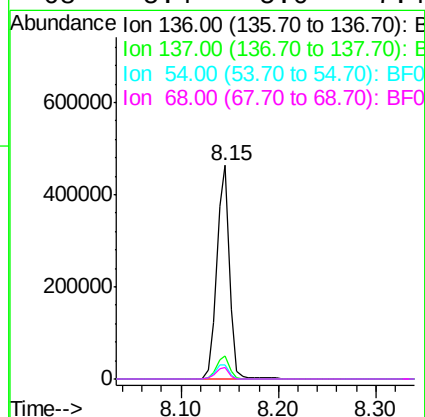
Instrument :
BNA_F
ClientSampleId :

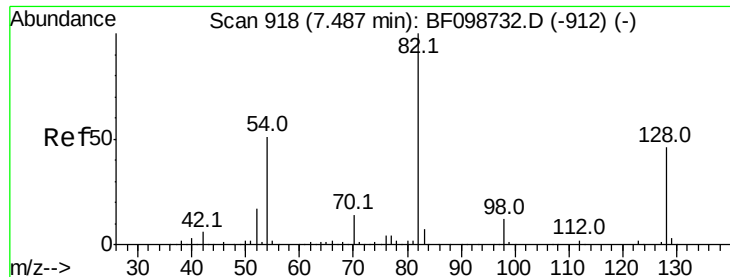
Tot Ion: 70 Resp: 56737
Ion Ratio Lower Upper
70 100
42 42.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

Tgt Ion: 136 Resp: 414017
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 6.6 9.8#
68 5.4 5.0 7.4

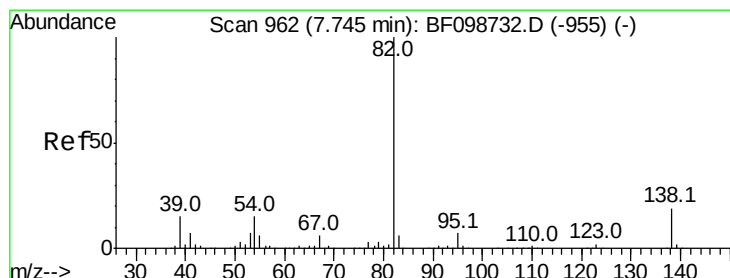
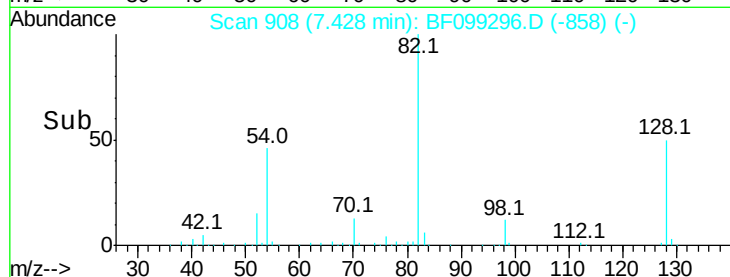
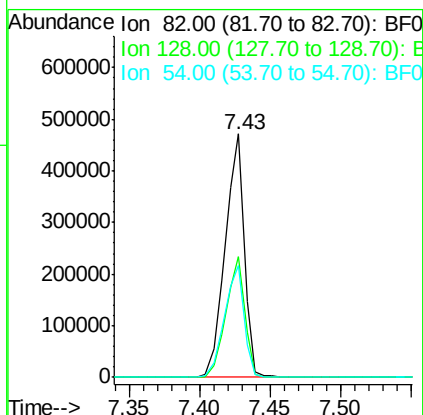
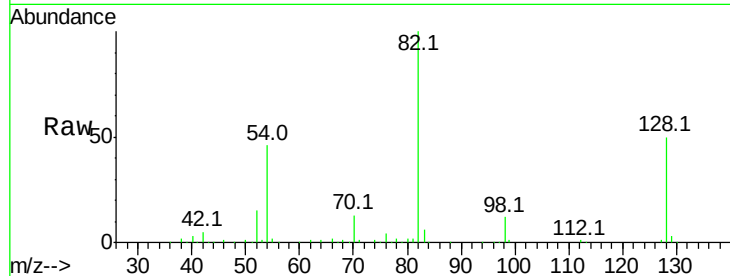




#23
 Nitrobenzene-d5
 Concen: 68.928 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

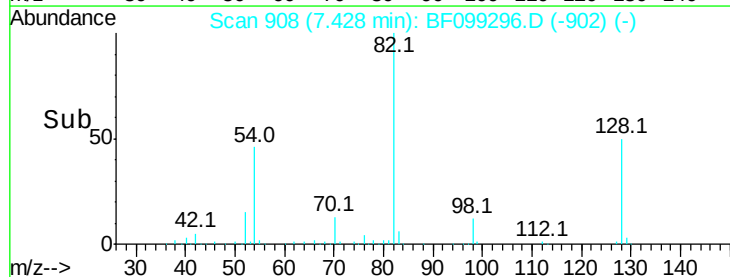
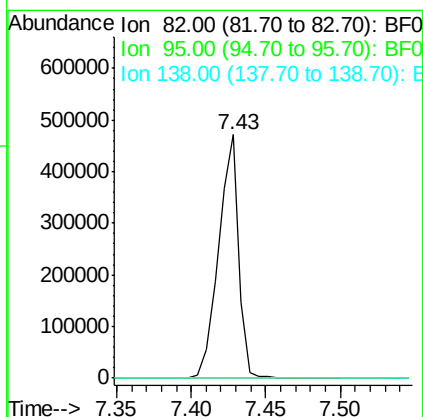
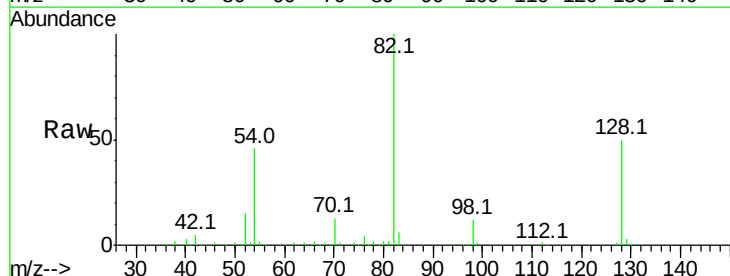
Instrument :
 BNA_F
 ClientSampleId :

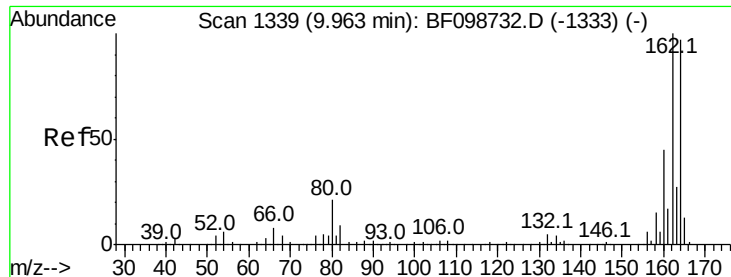
Tot Ion	82	Resp	444994
Ion Ratio	Lower	Upper	
82	100		
128	49.6	36.1	54.1
54	46.0	41.4	62.2



#25
 Isophorone
 Concen: 33.338 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Tgt Ion	82	Resp	444986
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

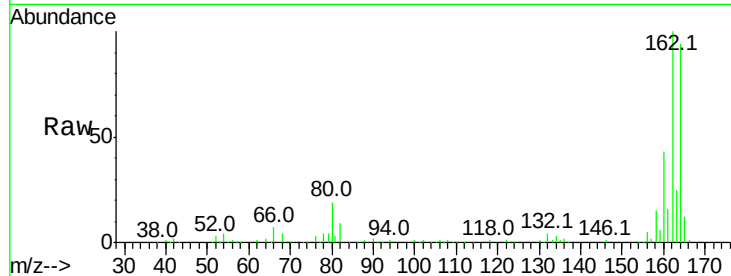




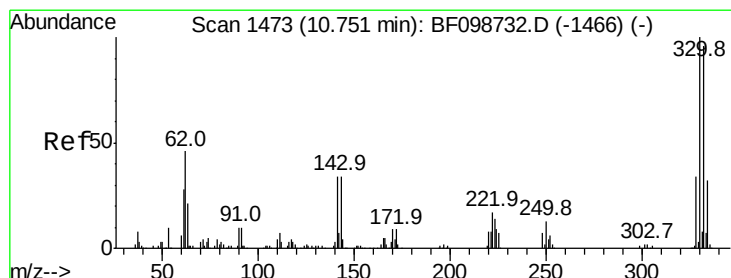
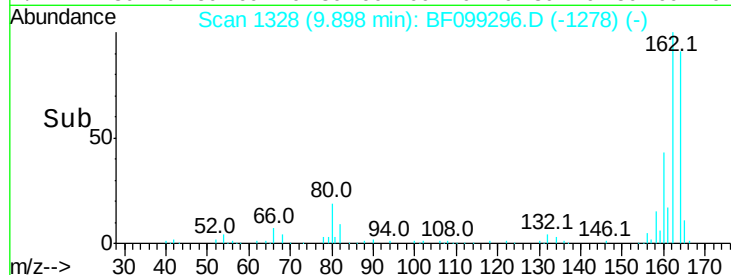
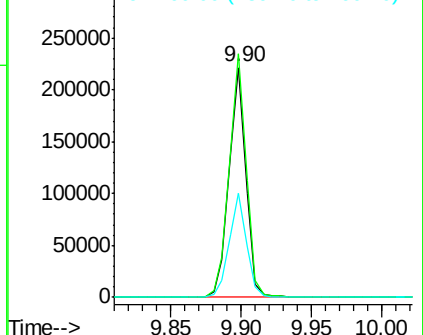
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 185726
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 45.5 38.3 57.5

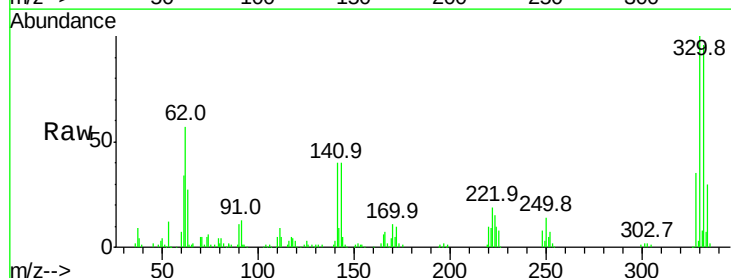


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

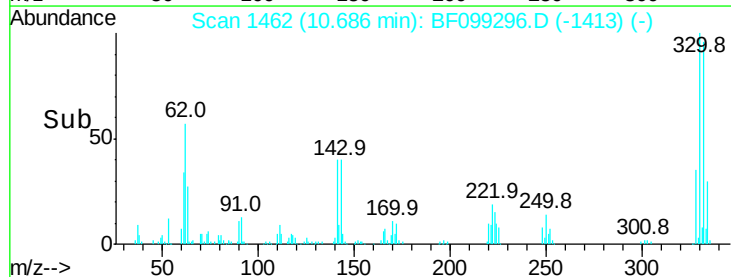
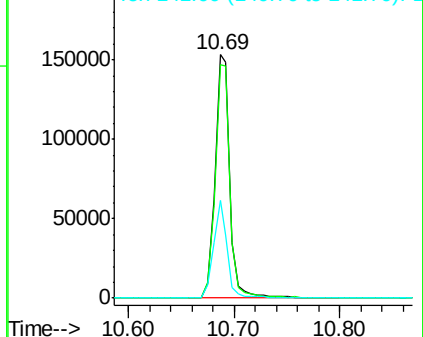


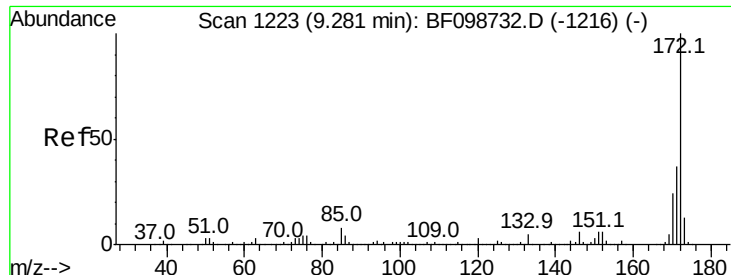
#41
2,4,6-Tribromophenol
Concen: 100.572 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

Tgt Ion:330 Resp: 152844
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 36.9 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

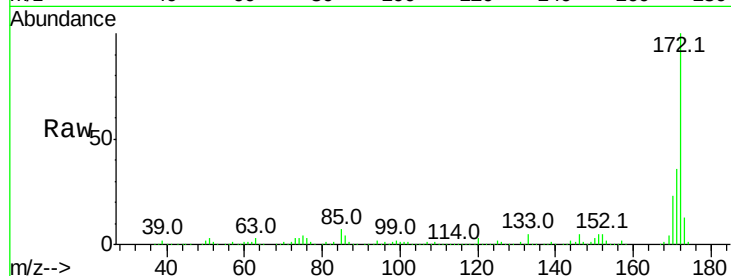




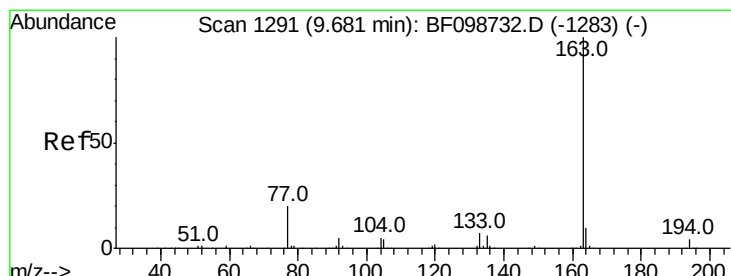
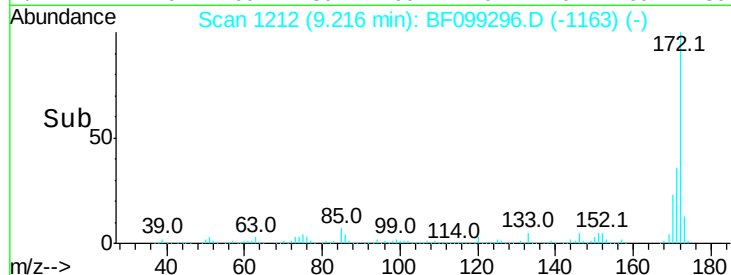
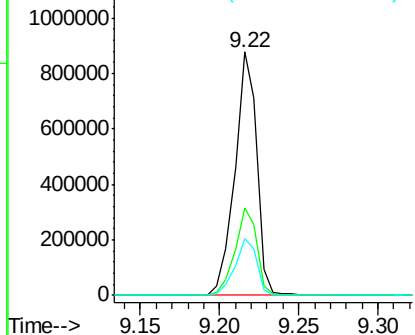
#44
2-Fluorobiphenyl
Concen: 75.893 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 844330
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.4 19.6 29.4

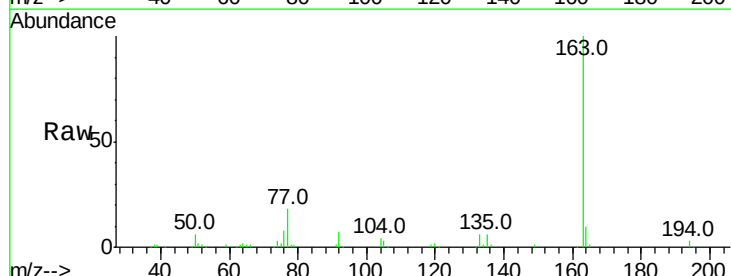


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

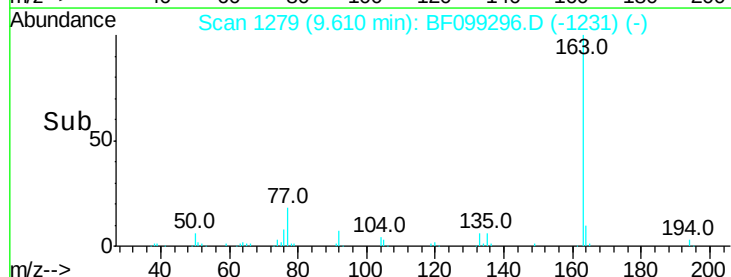
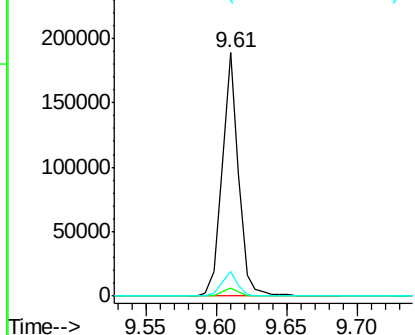


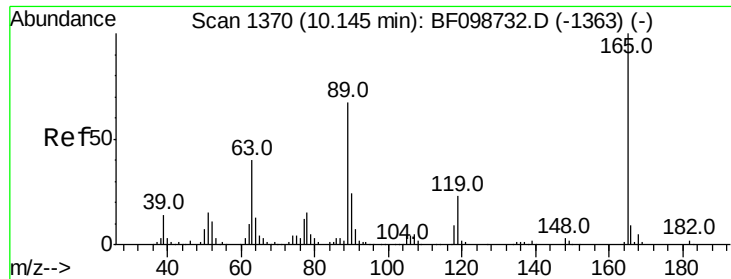
#49
Dimethylphthalate
Concen: 10.867 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099296.D
Acq: 10 Oct 2017 12:53

Tgt Ion:163 Resp: 152325
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.0 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

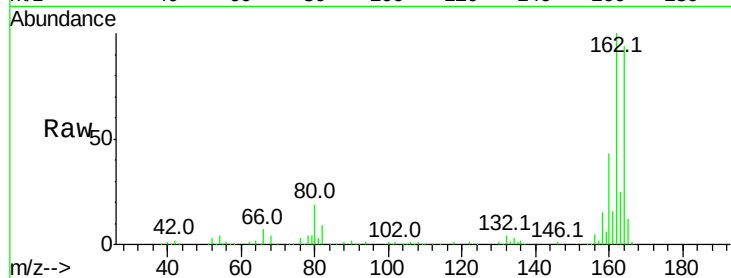




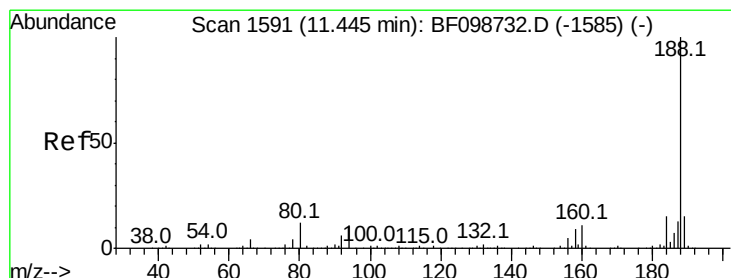
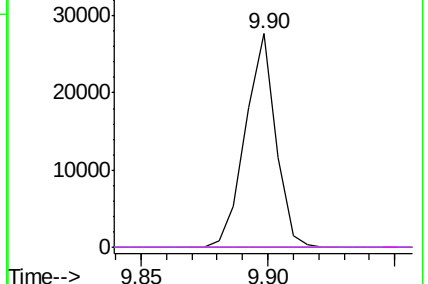
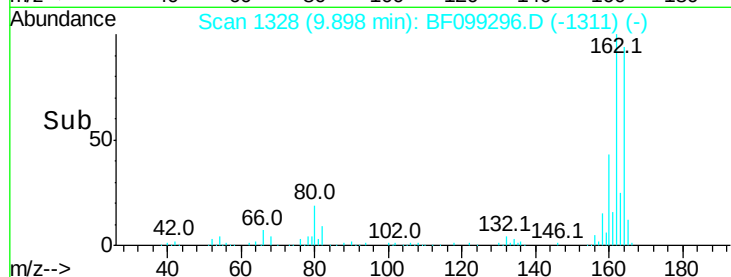
#56
 2,4-Dinitrotoluene
 Concen: 5.831 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23093
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

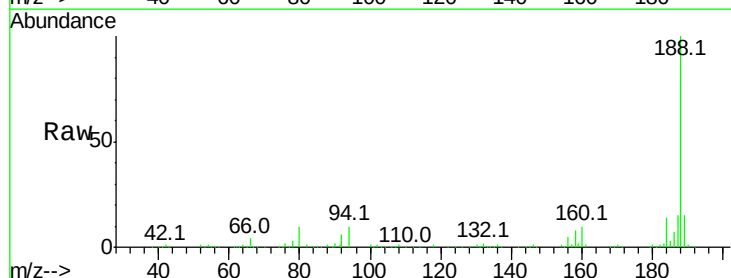


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

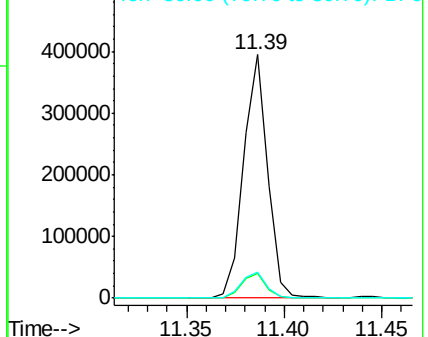
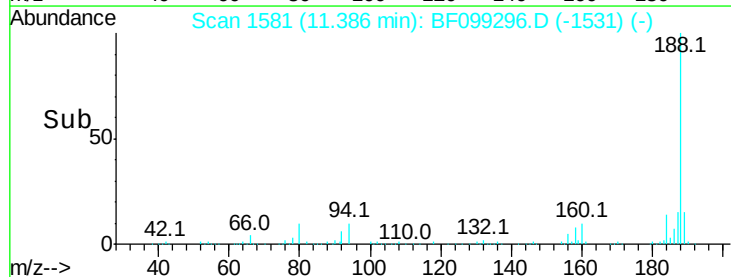


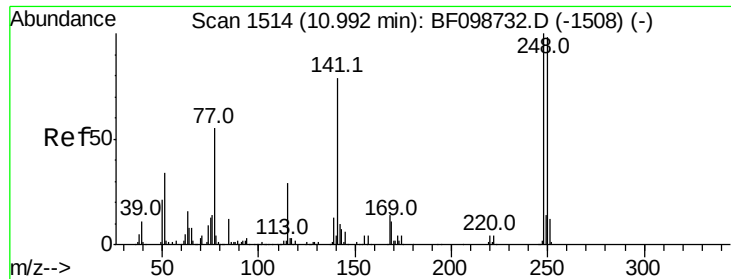
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Tgt Ion:188 Resp: 336552
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.4 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

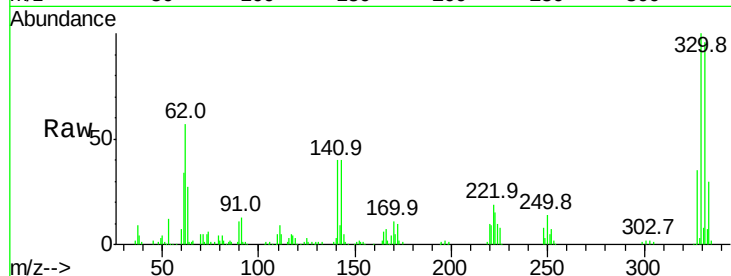




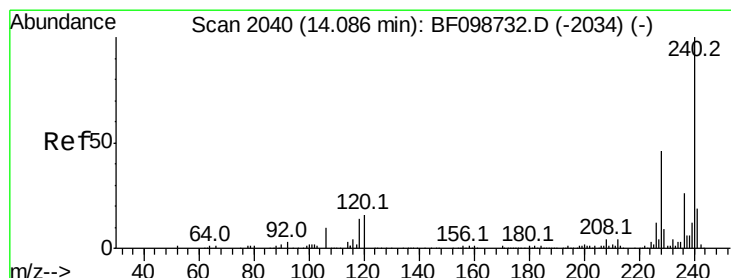
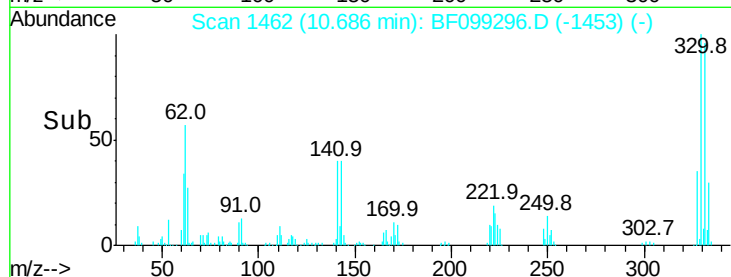
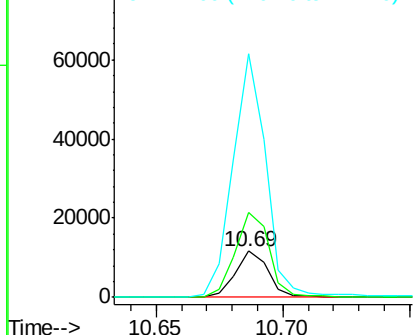
#66
 4-Bromophenyl-phenylether
 Concen: 3.184 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10490
 Ion Ratio Lower Upper
 248 100
 250 182.2 76.9 115.3#
 141 524.9 74.4 111.6#

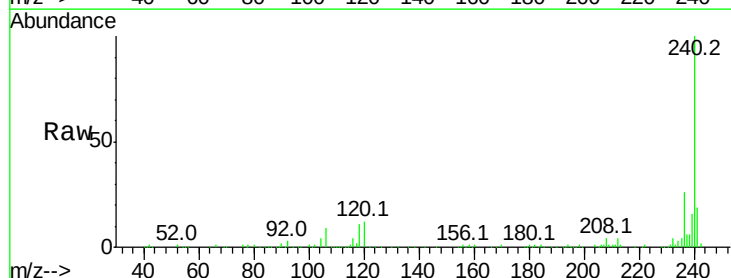


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

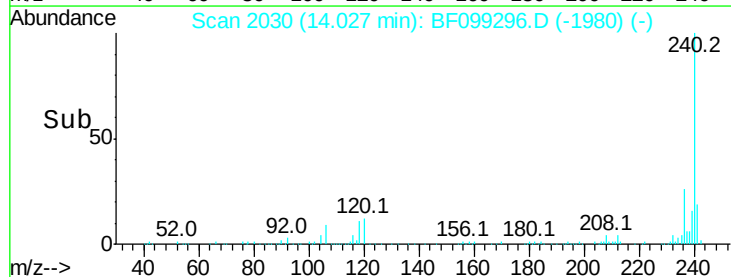
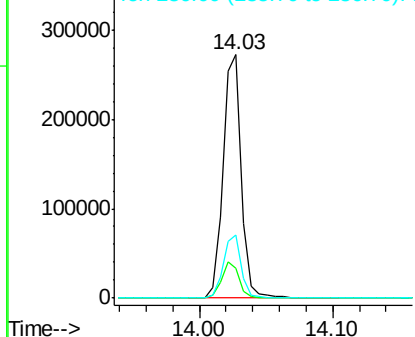


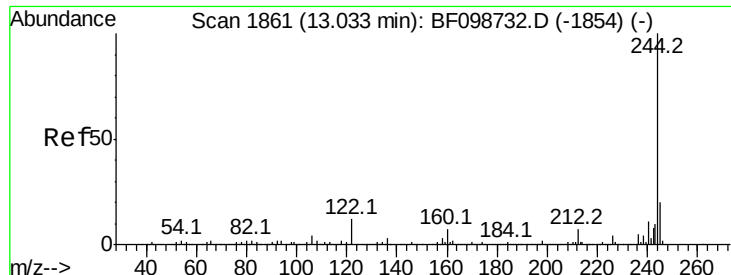
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099296.D
 Acq: 10 Oct 2017 12:53

Tgt Ion:240 Resp: 262117
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.5 14.3
 236 25.7 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: 64.858 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099296.D

Acq: 10 Oct 2017 12:53

Instrument :

BNA_F

ClientSampleId :

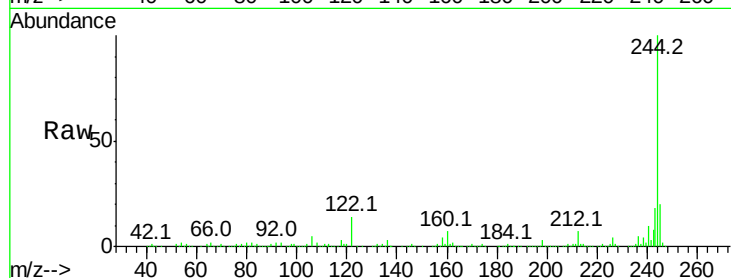
Tot Ion:244 Resp: 747527

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

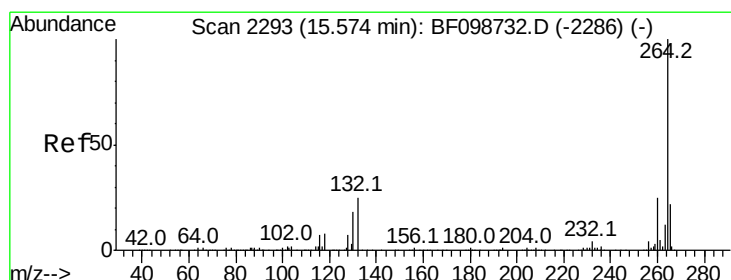
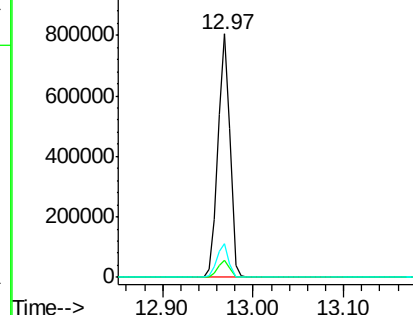
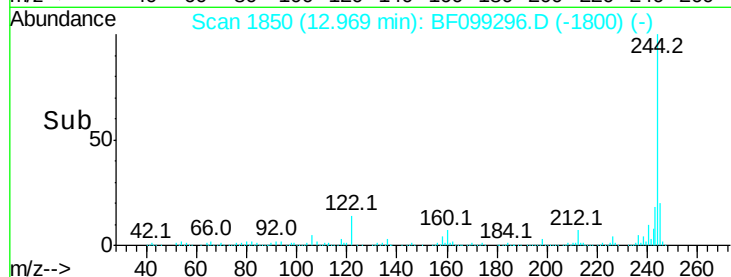
122 13.7 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099296.D

Acq: 10 Oct 2017 12:53

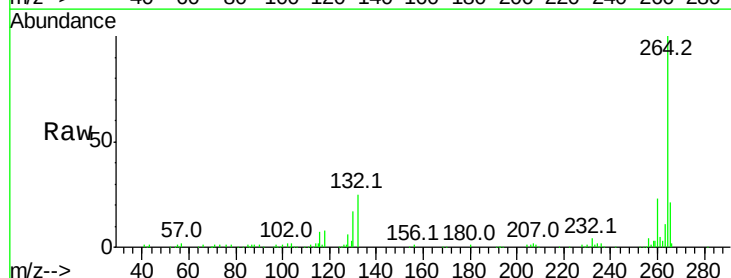
Tgt Ion:264 Resp: 191471

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 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

