

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099530.D
 Acq On : 15 Oct 2017 23:01
 Operator : SJ/JU
 Sample : I5776-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:10:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

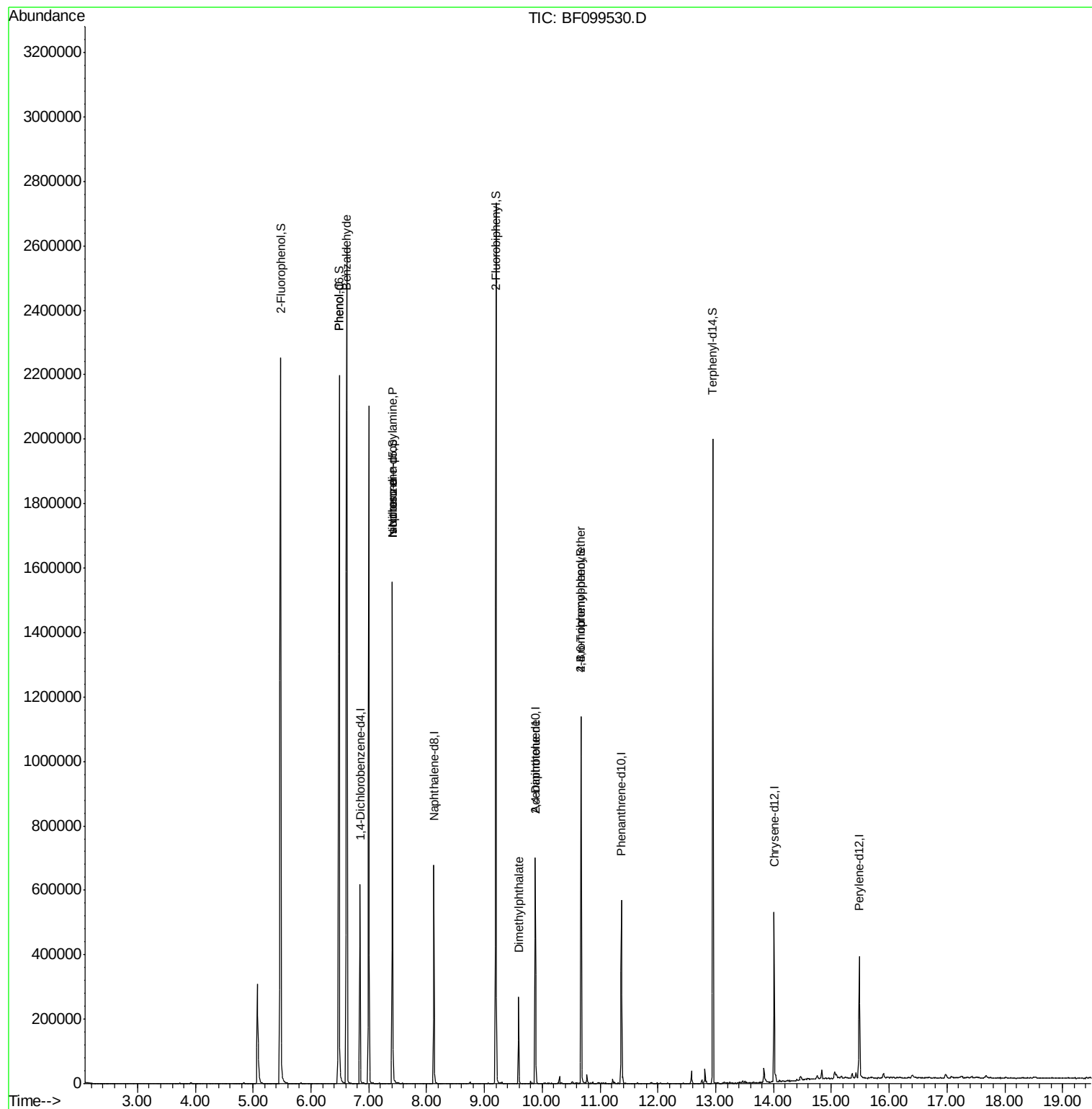
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	89255	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	340379	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	128131	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	184414	20.00	ng	0.00
75) Chrysene-d12	14.02	240	176798	20.00	ng	0.00
86) Perylene-d12	15.49	264	159797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	783802	139.79	ng	0.00
7) Phenol-d6	6.49	99	921288	133.20	ng	0.00
23) Nitrobenzene-d5	7.41	82	543382	102.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	132888	126.75	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	902512	117.59	ng	-0.01
78) Terphenyl-d14	12.95	244	609325	78.38	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	15107	3.77	ng	86
10) Phenol	6.49	94	15717	2.03	ng	# 72
19) n-Nitroso-di-n-propylamine	7.41	70	68721	15.56	ng	# 72
25) Isophorone	7.41	82	543434	49.52	ng	# 64
49) Dimethylphthalate	9.59	163	104570	10.81	ng	98
56) 2,4-Dinitrotoluene	9.88	165	15907	5.82	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	9199	5.10	ng	# 1

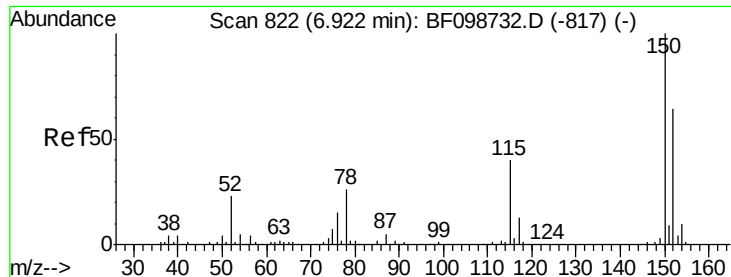
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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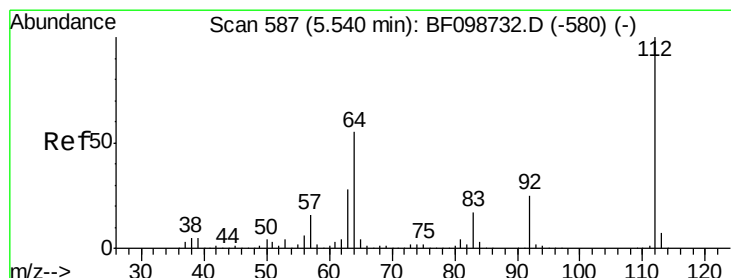
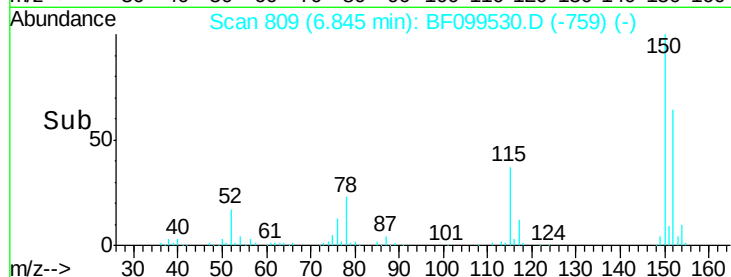
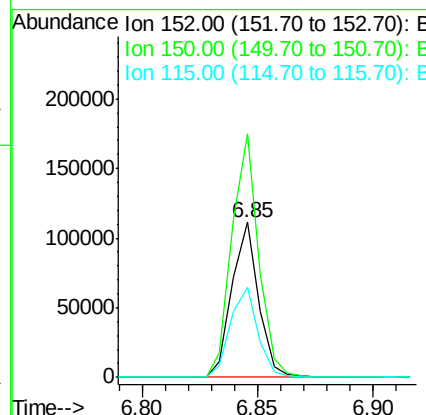
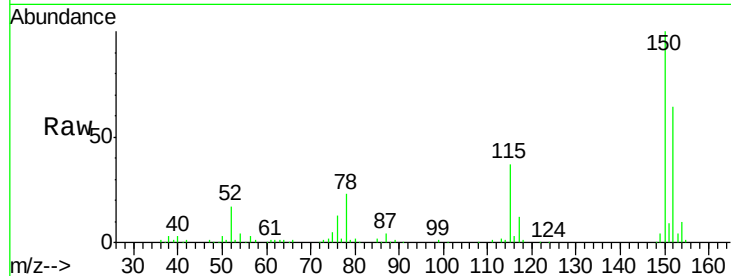


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

Instrument :
BNA_F
ClientSampleId :

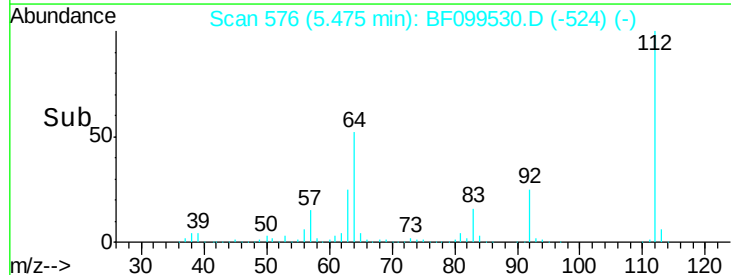
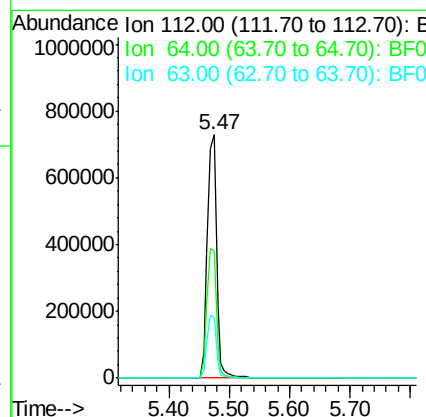
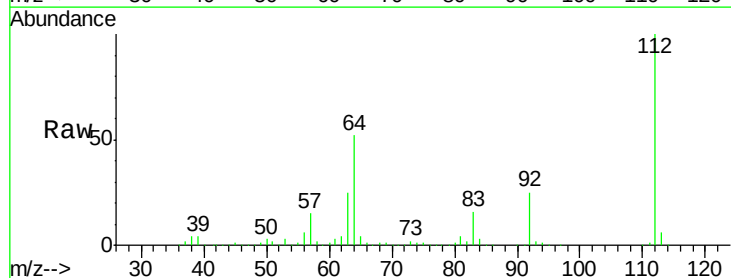
Tot Ion:152 Resp: 89255
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 57.9 50.1 75.1

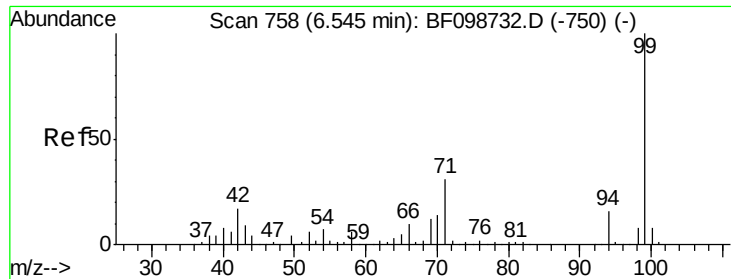


#5

2-Fluorophenol
Concen: 139.79 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

Tgt Ion:112 Resp: 783802
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 25.0 23.7 35.5





#7

Phenol-d6

Concen: 133.20 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099530.D

Acq: 15 Oct 2017 23:01

Instrument :

BNA_F

ClientSampleId :

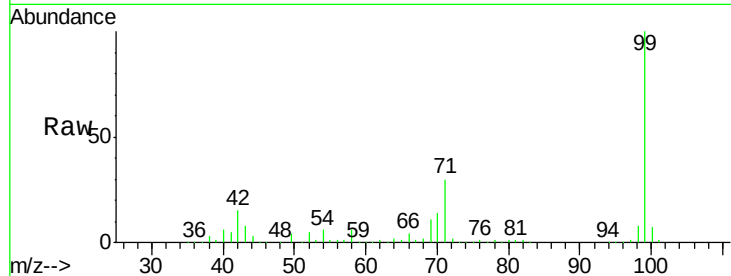
Tot Ion: 99 Resp: 921288

Ion Ratio Lower Upper

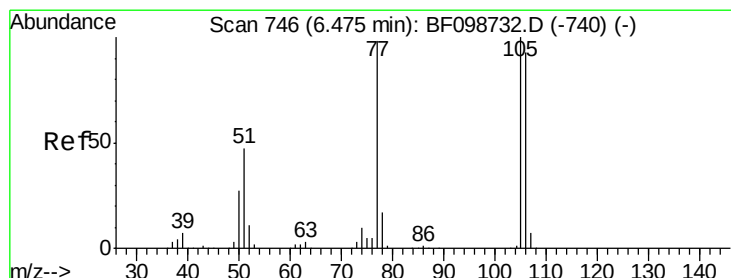
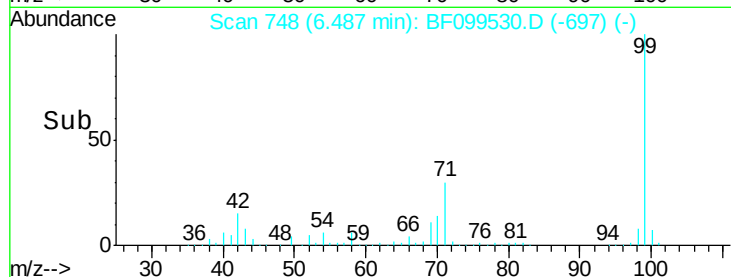
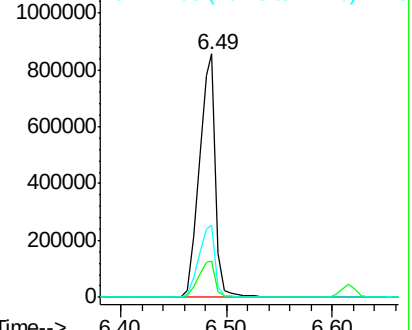
99 100

42 14.6 14.5 21.7

71 29.7 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: 3.77 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099530.D

Acq: 15 Oct 2017 23:01

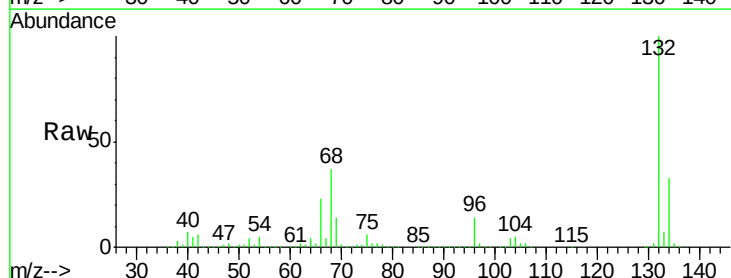
Tgt Ion: 77 Resp: 15107

Ion Ratio Lower Upper

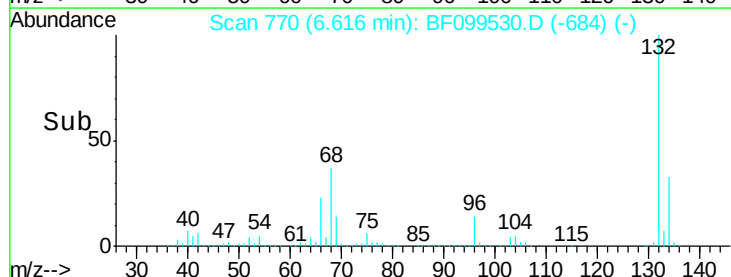
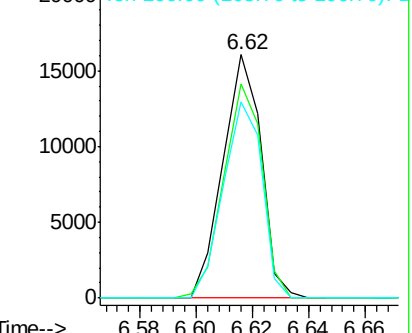
77 100

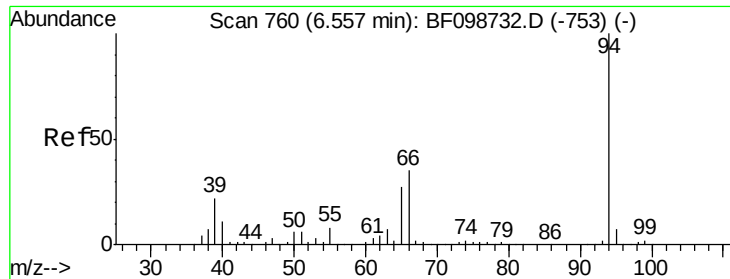
105 88.0 81.1 121.1

106 80.7 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

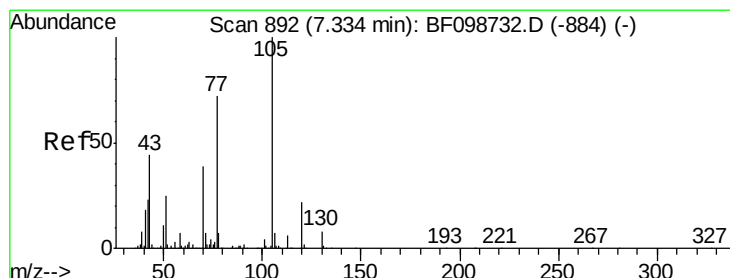
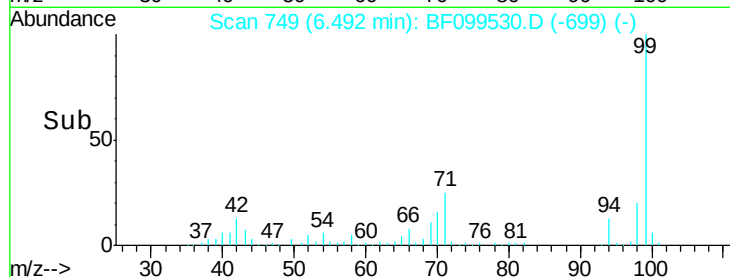
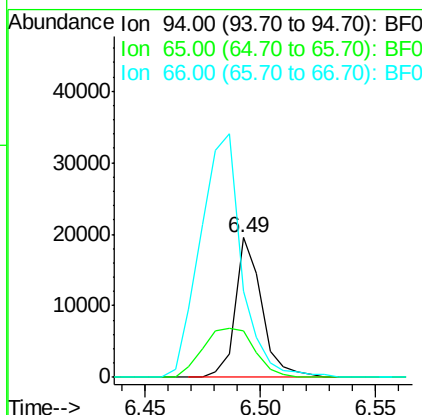
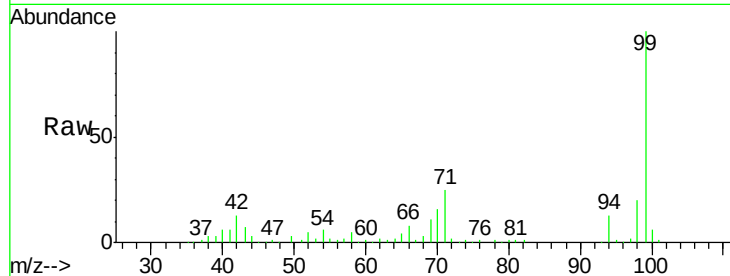




#10
Phenol
Concen: 2.03 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

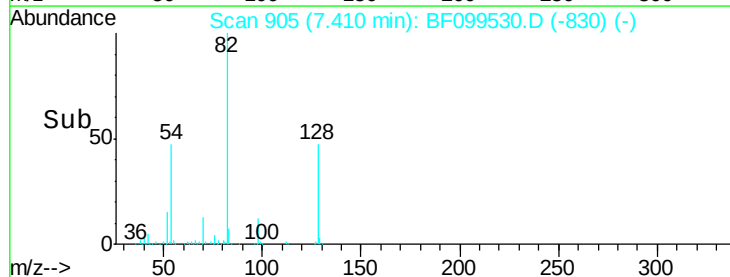
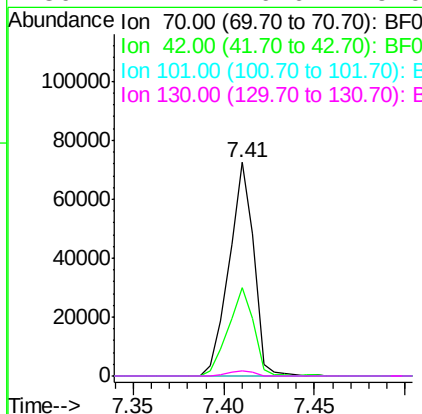
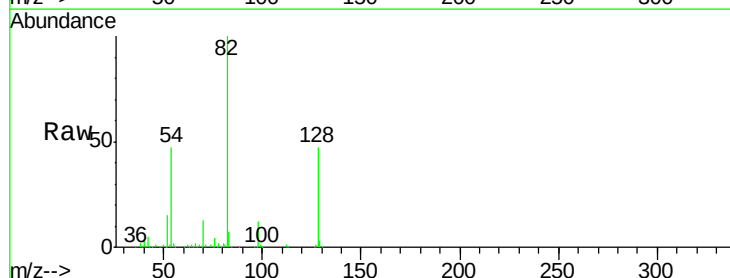
Instrument :
BNA_F
ClientSampled :

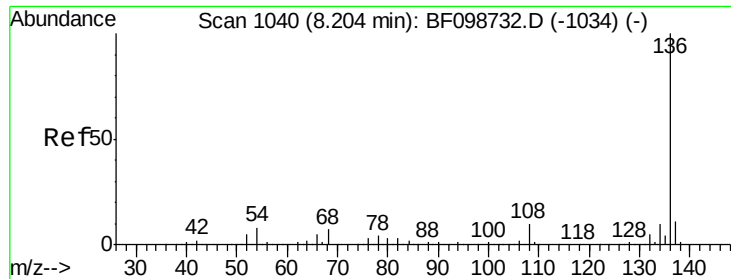
Tot Ion: 94 Resp: 15717
Ion Ratio Lower Upper
94 100
65 33.1 7.9 47.9
66 61.3 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 15.56 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

Tgt Ion: 70 Resp: 68721
Ion Ratio Lower Upper
70 100
42 41.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

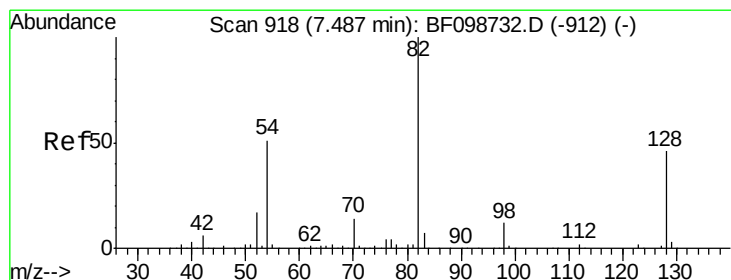
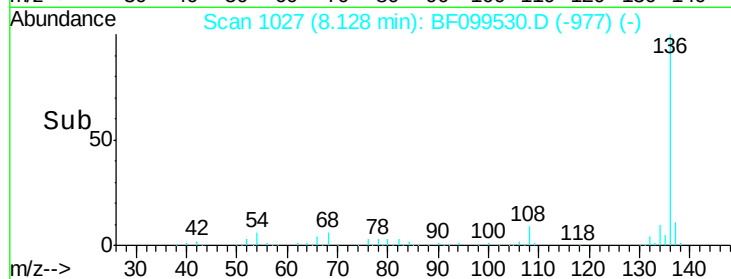
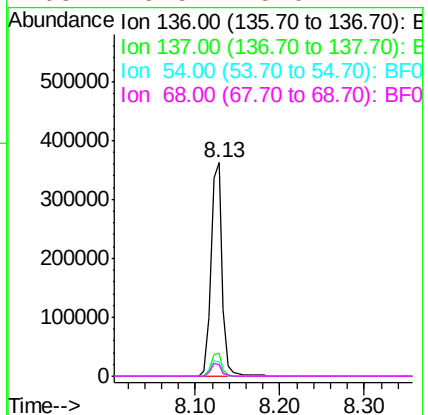
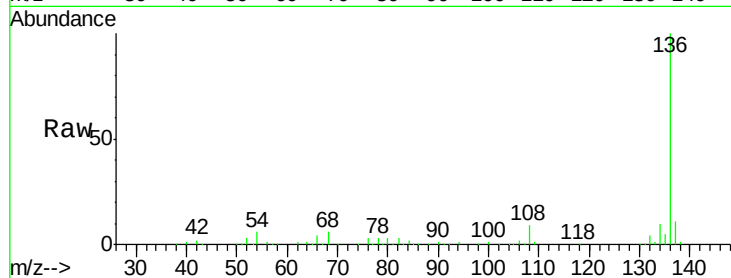




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

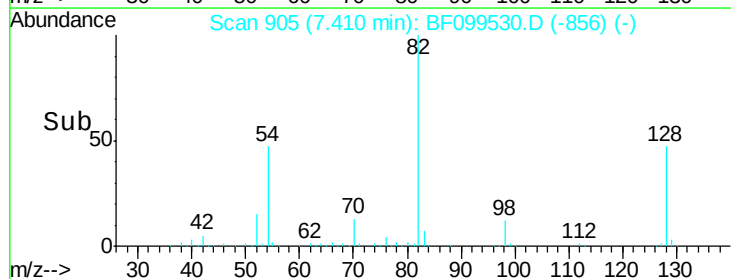
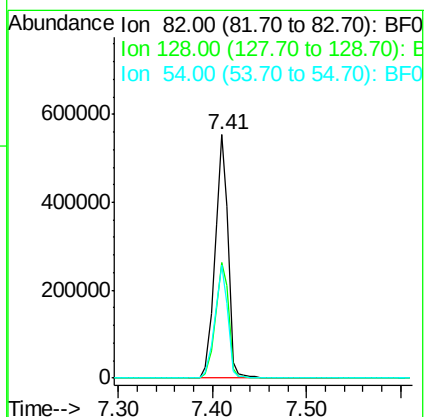
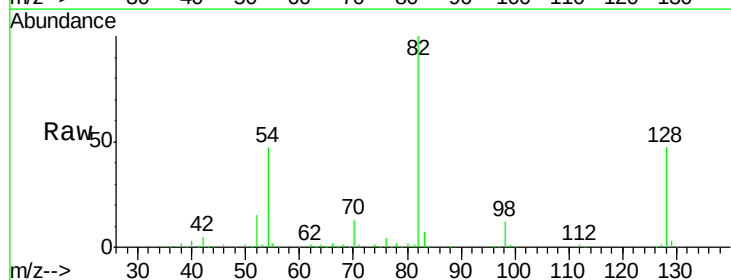
Instrument :
BNA_F
ClientSampleId :

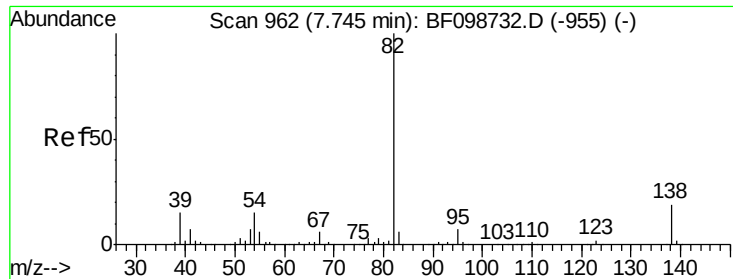
Tot Ion:136	Resp:	340379
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.4	6.6 9.8#
68	5.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 102.38 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

Tgt Ion: 82	Resp:	543382
Ion Ratio	Lower	Upper
82	100	
128	47.4	36.1 54.1
54	46.7	41.4 62.2

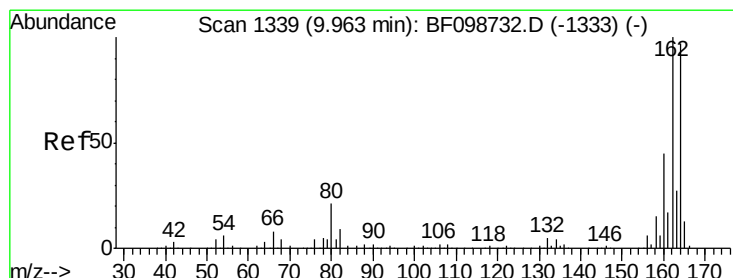
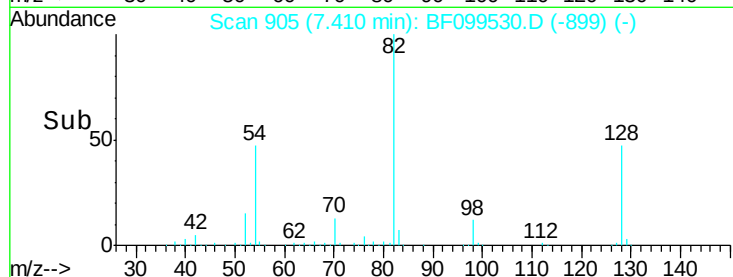
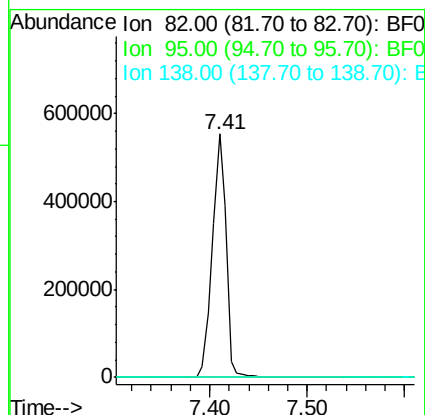
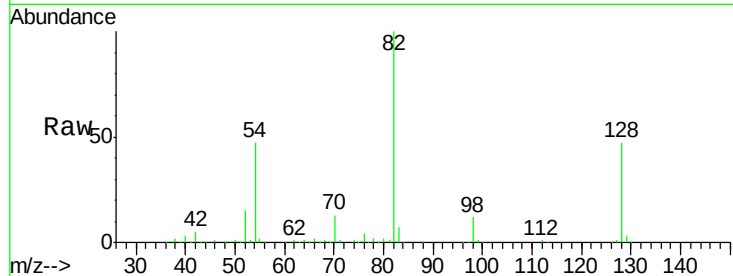




#25
Isophorone
Concen: 49.52 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

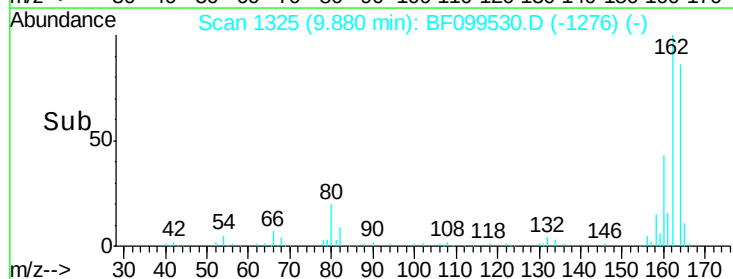
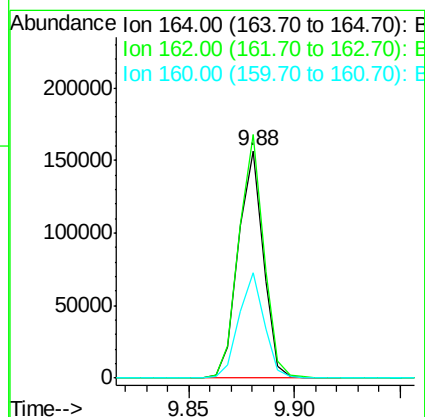
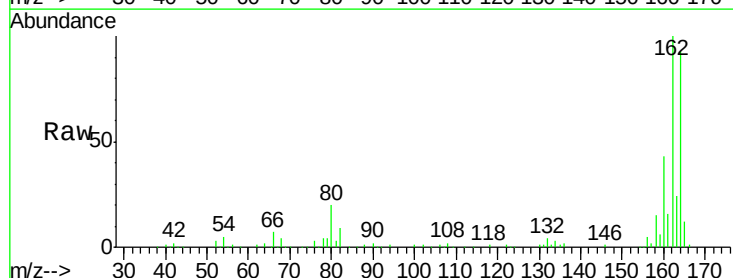
Instrument :
BNA_F
ClientSampleId :

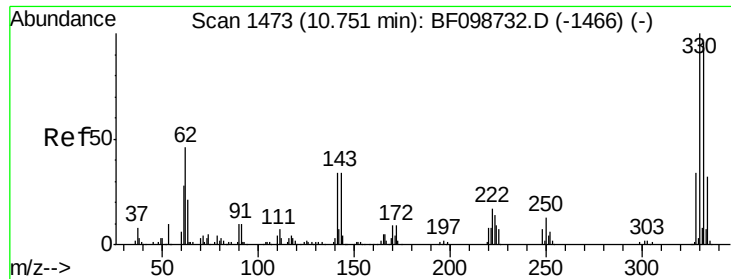
Tot Ion: 82 Resp: 543434
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

Tgt Ion:164 Resp: 128131
Ion Ratio Lower Upper
164 100
162 107.0 86.1 129.1
160 46.2 38.3 57.5

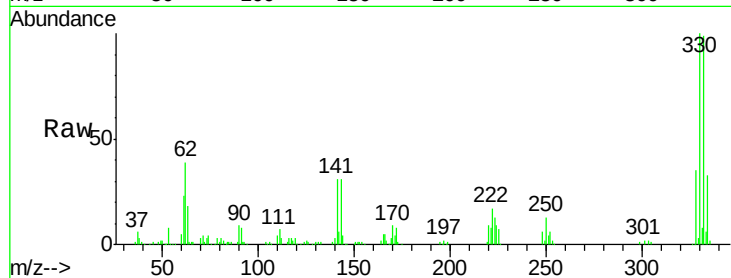




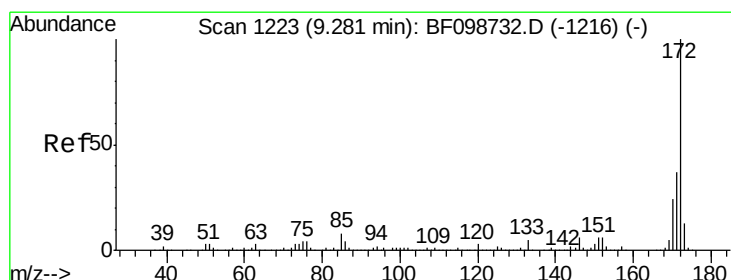
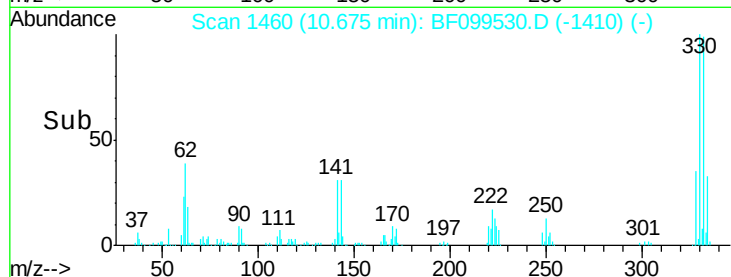
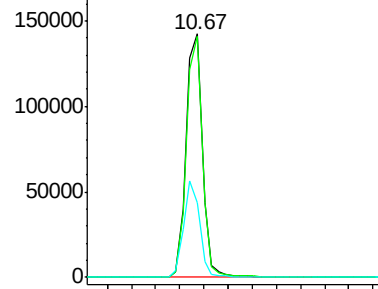
#41
 2,4,6-Tribromophenol
 Concen: 126.75 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099530.D
 Acq: 15 Oct 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	38.7	29.9	44.9

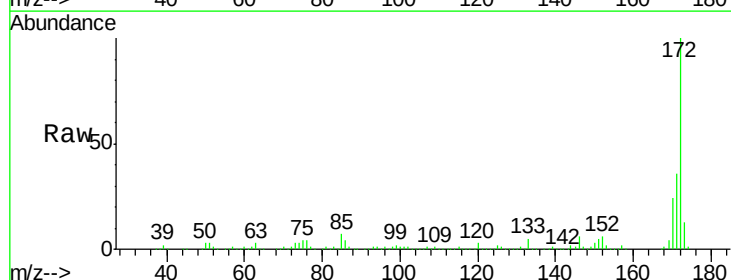


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

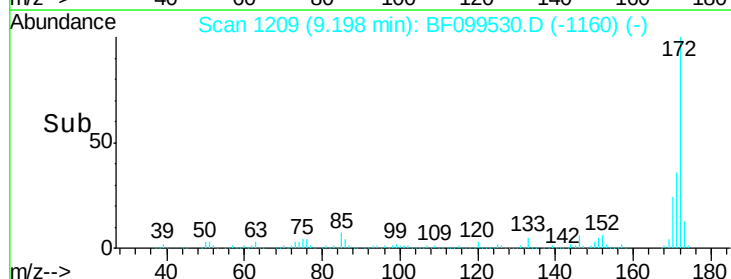
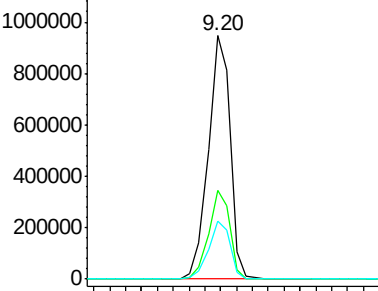


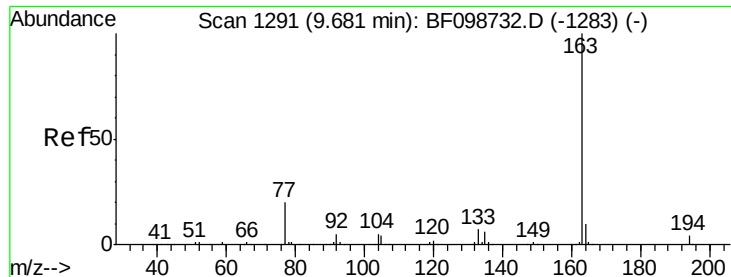
#44
 2-Fluorobiphenyl
 Concen: 117.59 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099530.D
 Acq: 15 Oct 2017 23:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	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

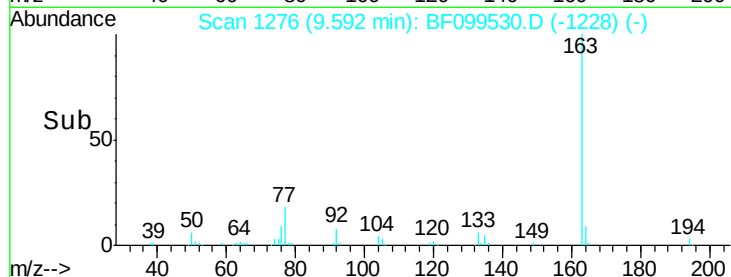
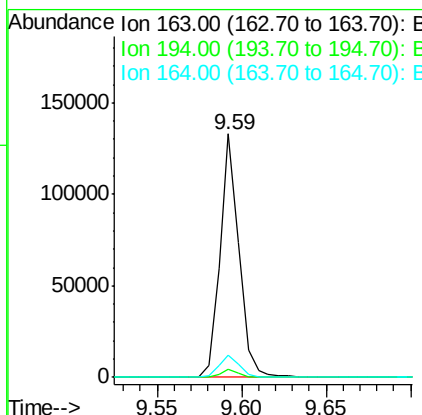
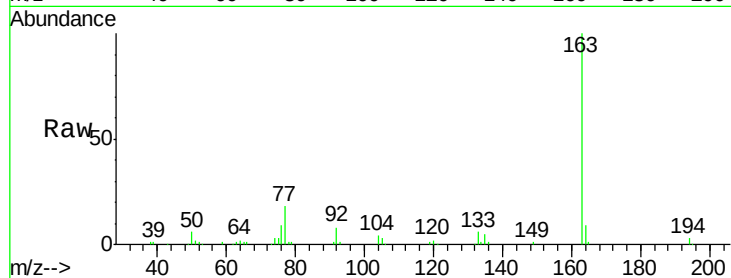




#49
Dimethylphthalate
Concen: 10.81 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

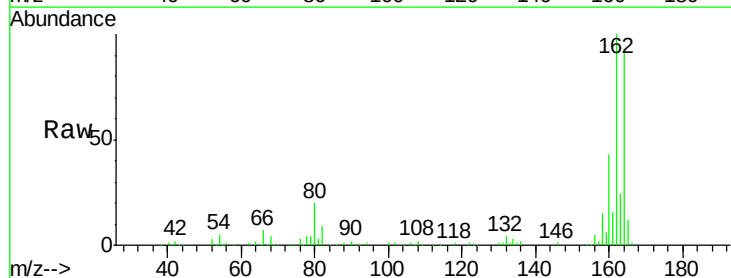
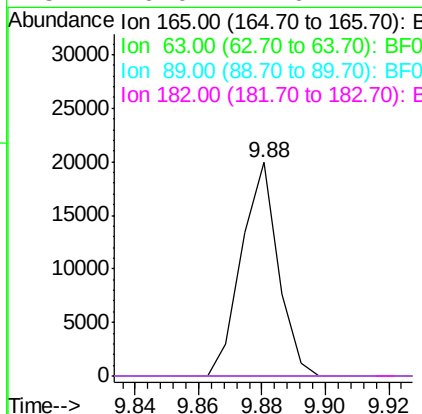
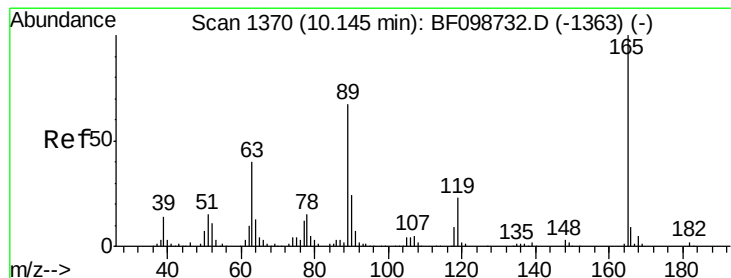
Instrument :
BNA_F
ClientSampleId :

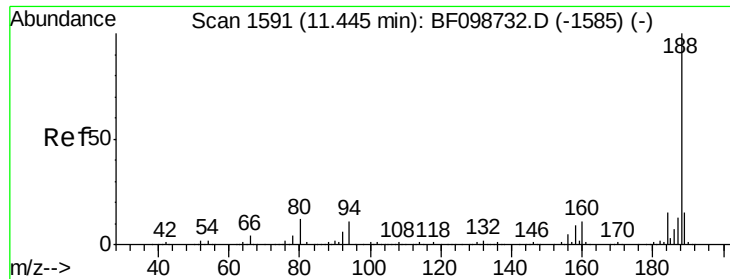
Tot Ion:163 Resp: 104570
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

Tgt Ion:165 Resp: 15907
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#

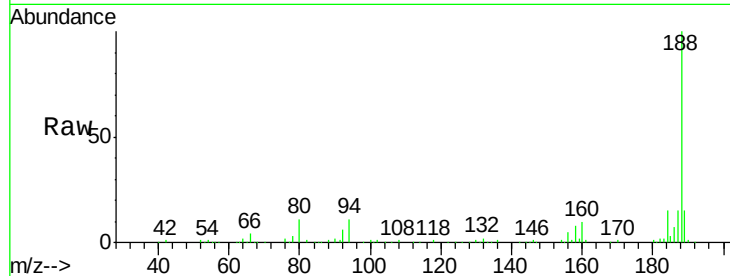




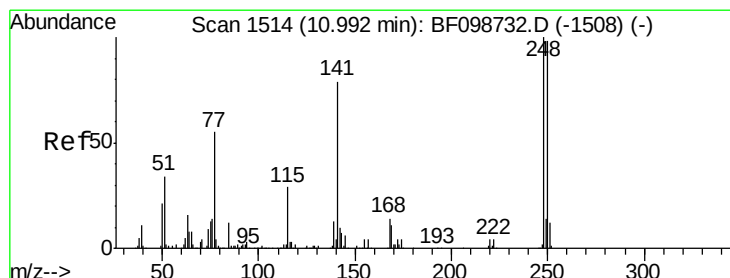
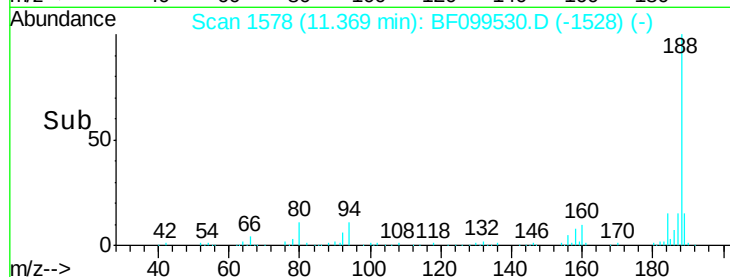
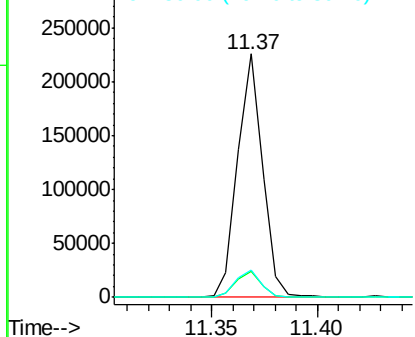
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 184414
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8

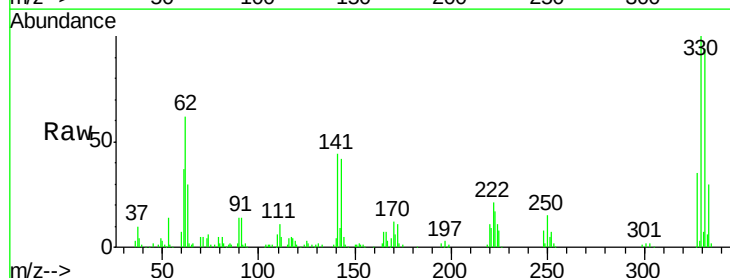


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

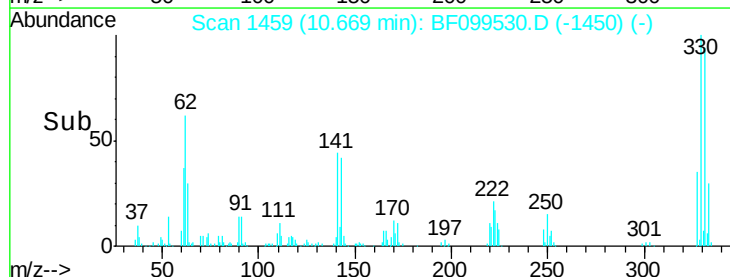
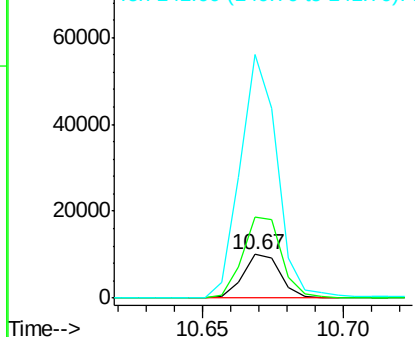


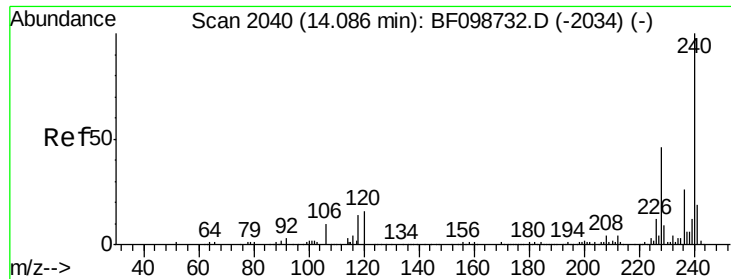
#66
4-Bromophenyl-phenylether
Concen: 5.10 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF099530.D
Acq: 15 Oct 2017 23:01

Tgt Ion:248 Resp: 9199
Ion Ratio Lower Upper
248 100
250 186.9 76.9 115.3#
141 558.2 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

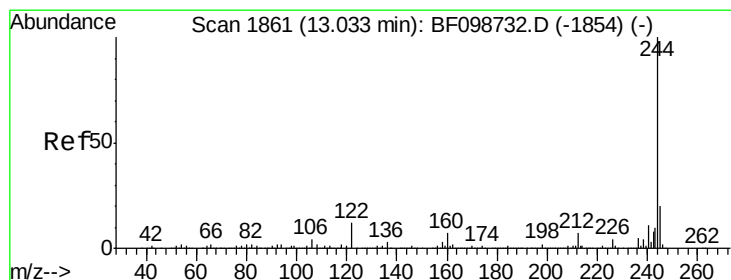
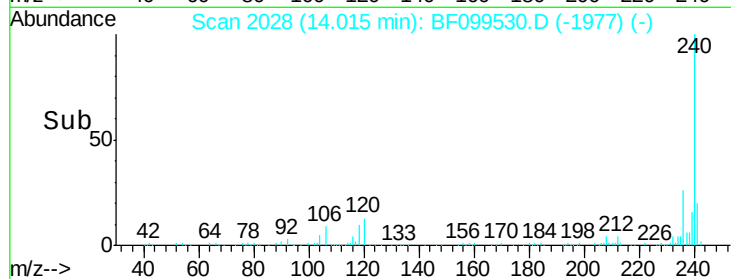
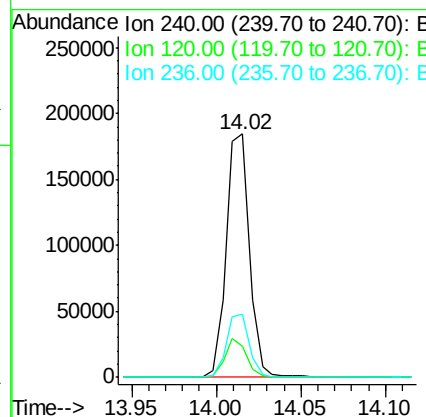
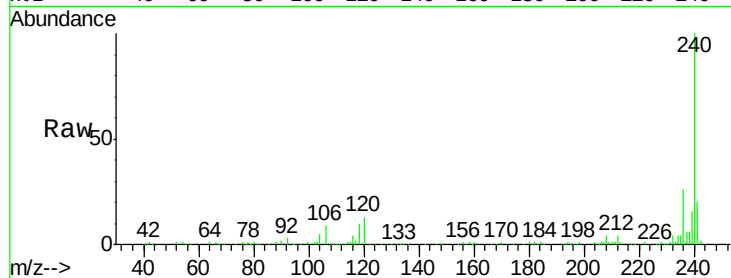




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099530.D
 Acq: 15 Oct 2017 23:01

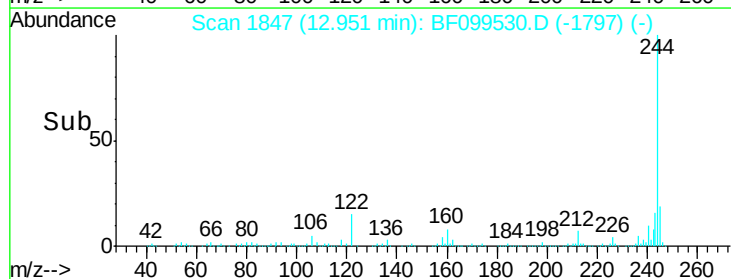
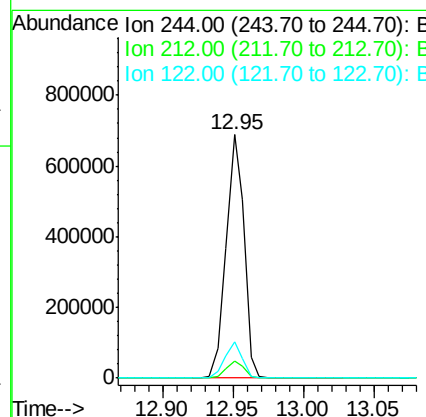
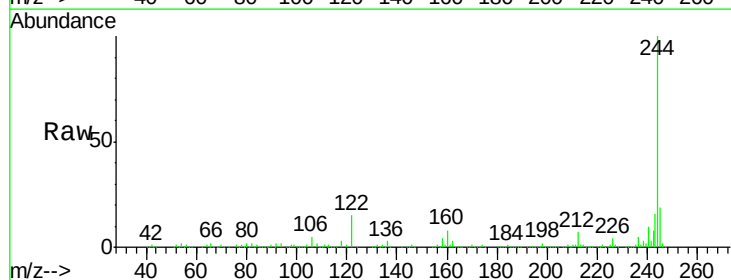
Instrument :
 BNA_F
 ClientSampleId :

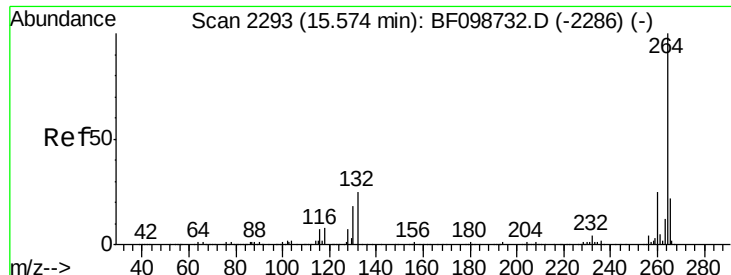
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.2	20.7	31.1



#78
 Terphenyl-d14
 Concen: 78.38 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099530.D
 Acq: 15 Oct 2017 23:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.7	11.0	16.4

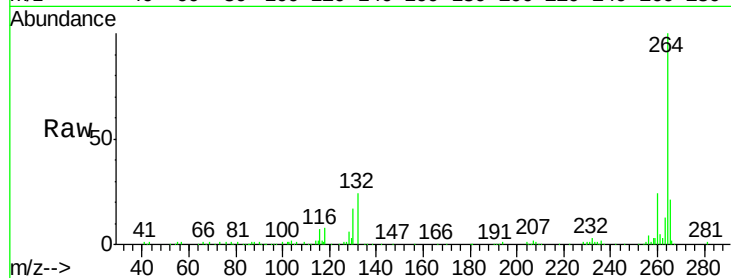




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099530.D
 Acq: 15 Oct 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	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

