

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099524.D
 Acq On : 15 Oct 2017 20:11
 Operator : SJ/JU
 Sample : I5821-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:08:46 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

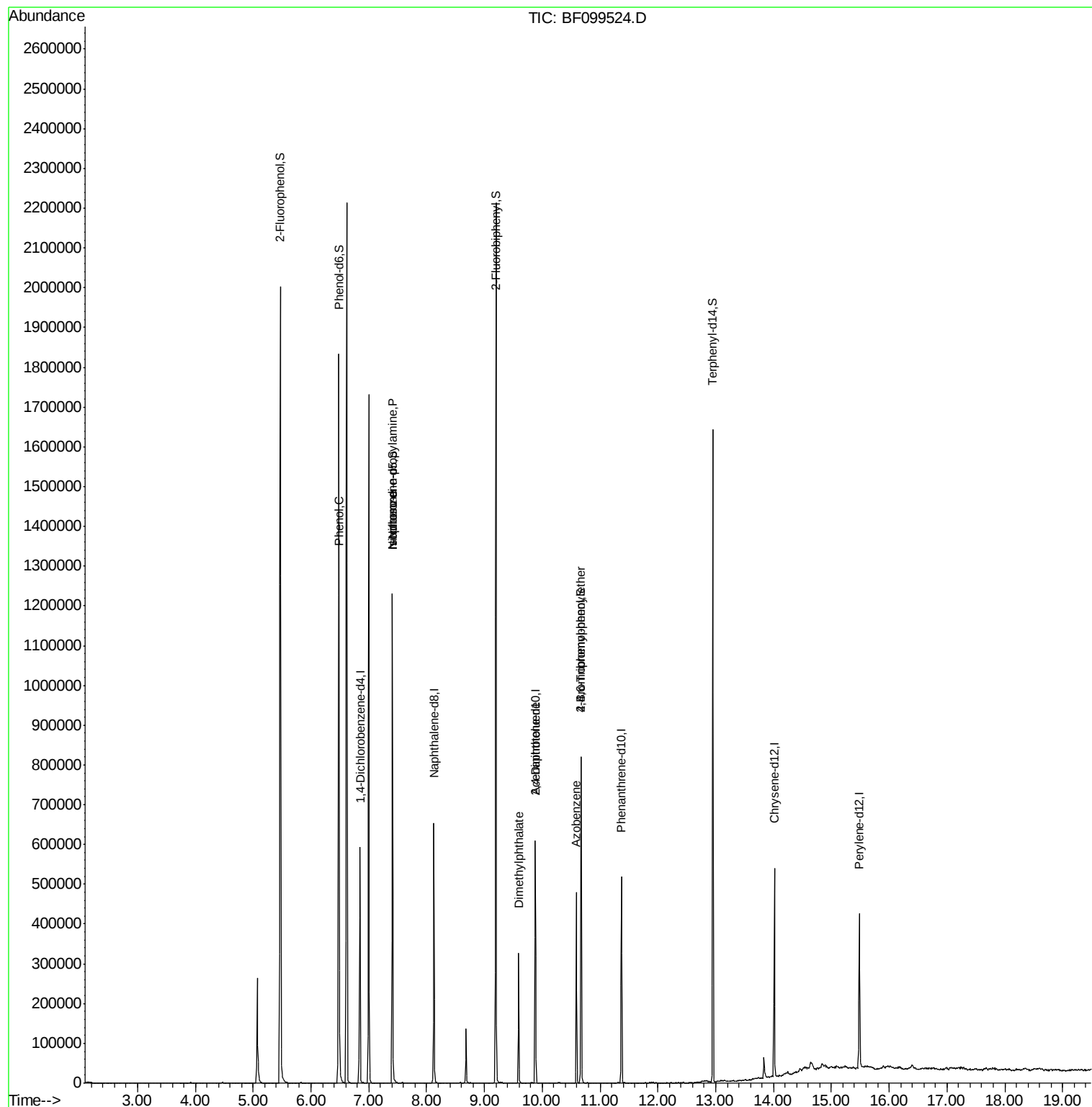
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	84434	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	313377	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	114534	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	172166	20.00	ng	0.00
75) Chrysene-d12	14.02	240	180238	20.00	ng	0.00
86) Perylene-d12	15.49	264	163419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	606276	114.31	ng	0.00
7) Phenol-d6	6.48	99	694435	106.13	ng	0.00
23) Nitrobenzene-d5	7.41	82	397742	81.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	96266	102.72	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	664834	96.90	ng	-0.01
78) Terphenyl-d14	12.95	244	485461	61.25	ng	0.00
Target Compounds						
10) Phenol	6.49	94	39712	5.43	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.41	70	49308	11.80	ng	# 73
25) Isophorone	7.41	82	397737	39.37	ng	# 64
49) Dimethylphthalate	9.59	163	126844	14.67	ng	100
56) 2,4-Dinitrotoluene	9.88	165	14082	5.77	ng	# 21
62) Azobenzene	10.59	77	72175	9.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	6615	3.93	ng	# 1

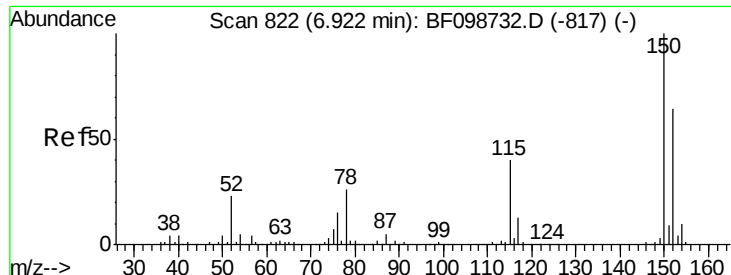
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099524.D
Acq On : 15 Oct 2017 20:11
Operator : SJ/JU
Sample : I5821-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 01:08:46 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



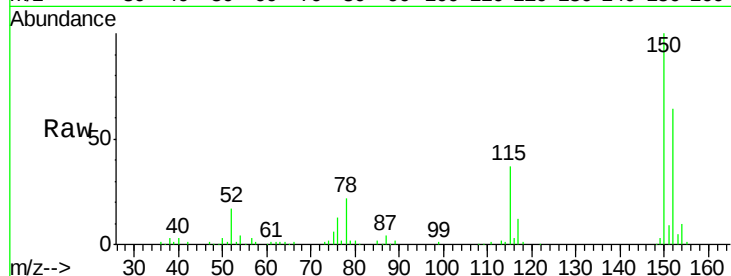


#1

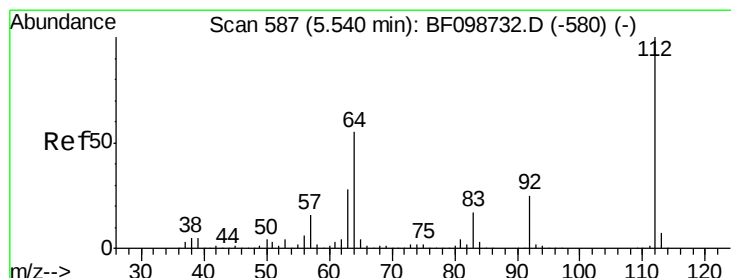
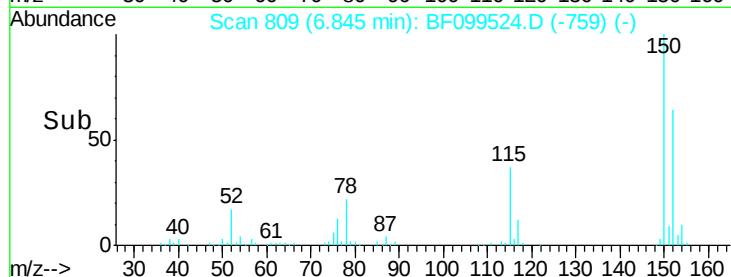
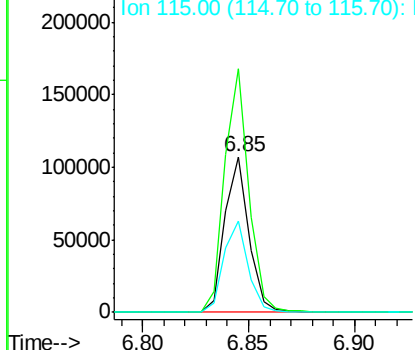
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 84434
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.4 50.1 75.1



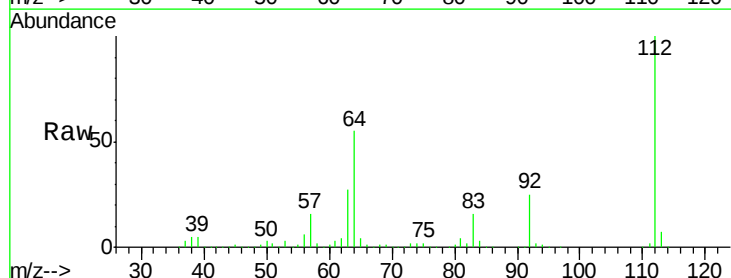
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



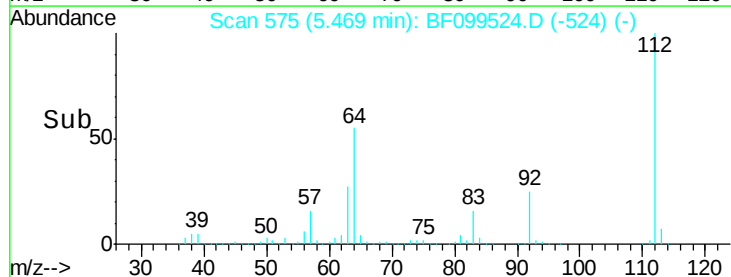
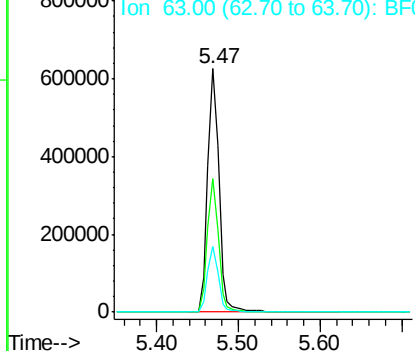
#5

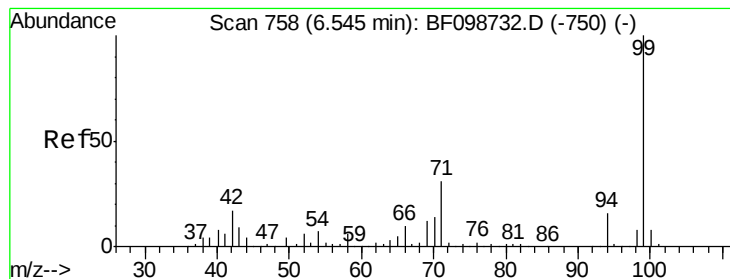
2-Fluorophenol
Concen: 114.31 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Tgt Ion:112 Resp: 606276
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.1 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: 106.13 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099524.D

Acq: 15 Oct 2017 20:11

Instrument :

BNA_F

ClientSampleId :

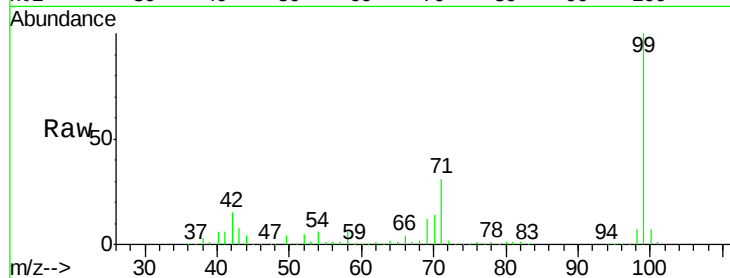
Tot Ion: 99 Resp: 694435

Ion Ratio Lower Upper

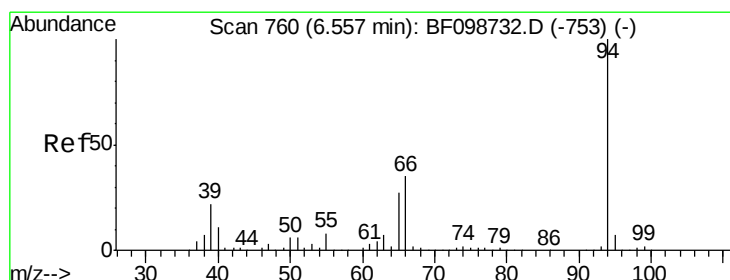
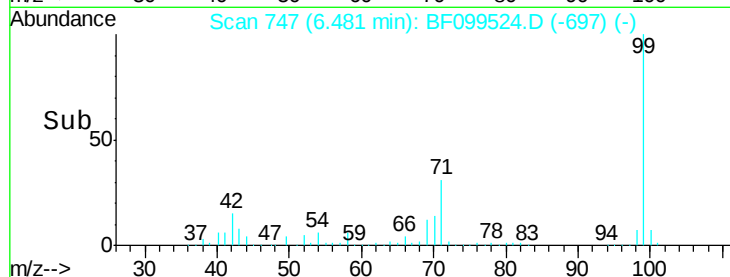
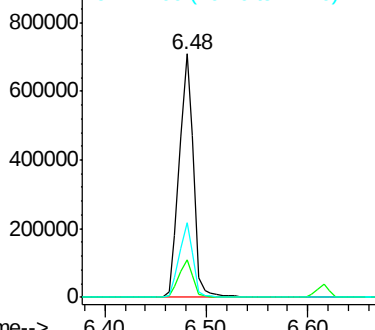
99 100

42 15.4 14.5 21.7

71 30.6 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



#10

Phenol

Concen: 5.43 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099524.D

Acq: 15 Oct 2017 20:11

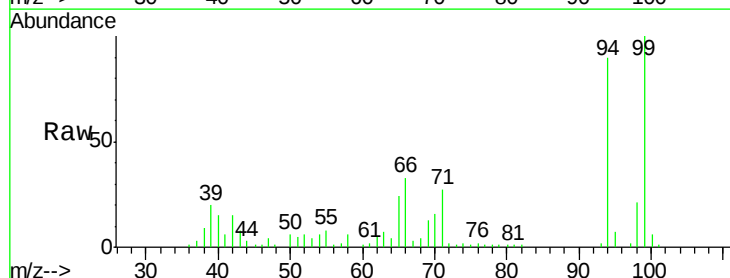
Tgt Ion: 94 Resp: 39712

Ion Ratio Lower Upper

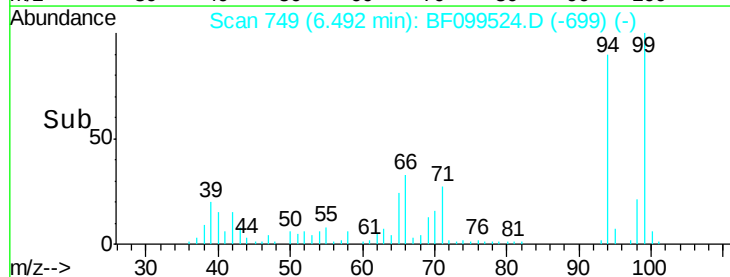
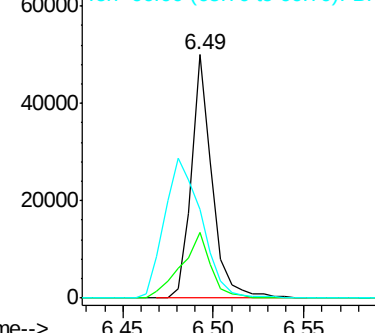
94 100

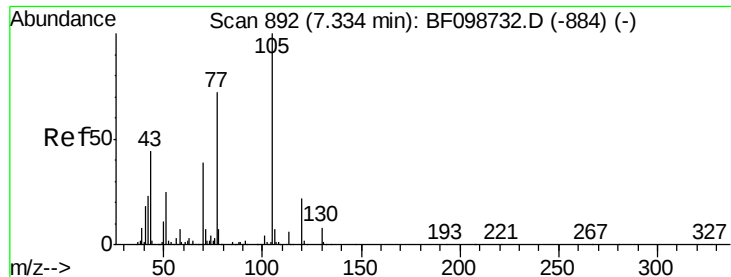
65 26.8 7.9 47.9

66 36.5 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

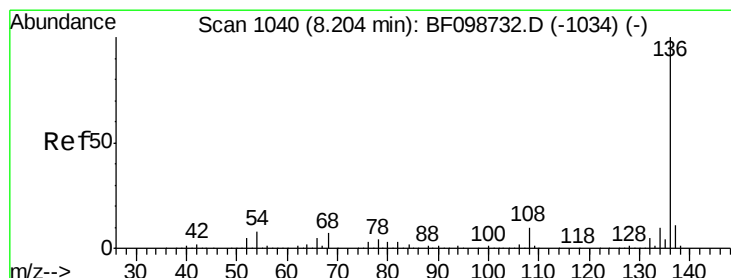
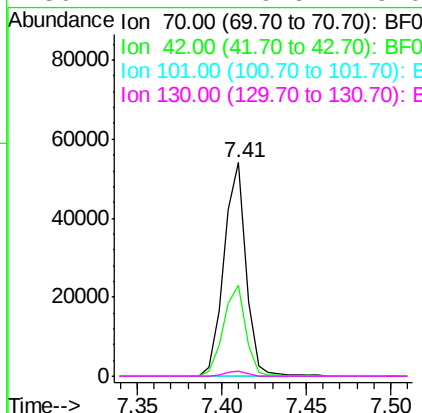
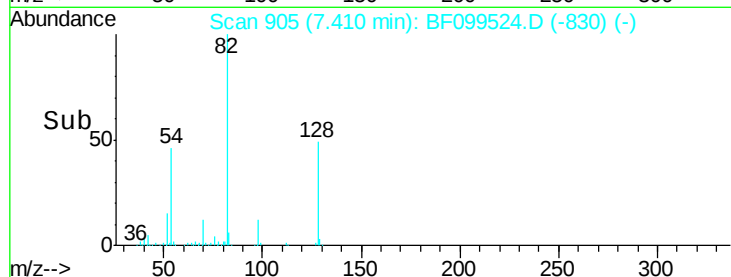
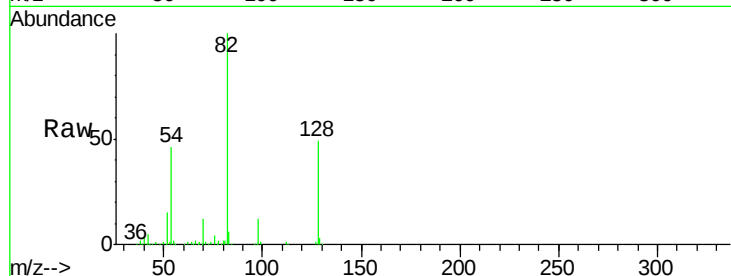




#19
n-Nitroso-di-n-propylamine
Concen: 11.80 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

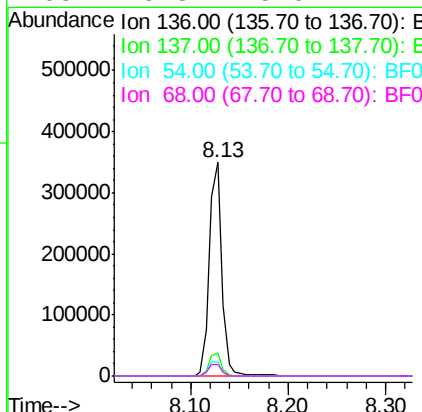
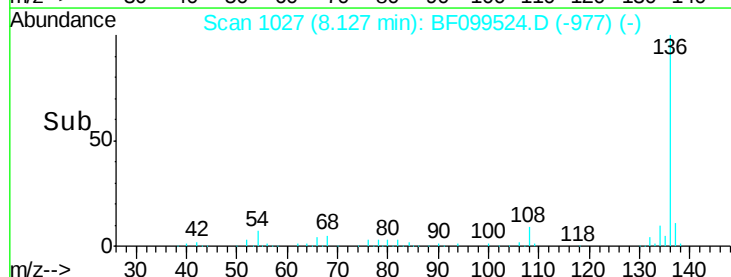
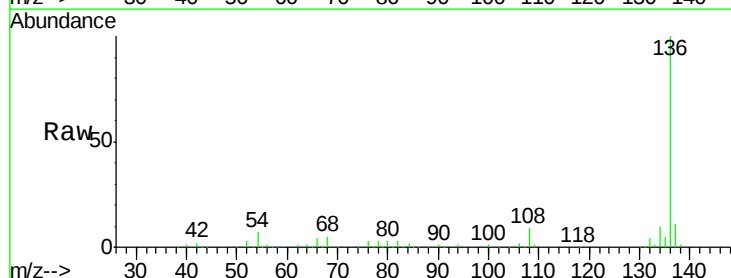
Instrument :
BNA_F
ClientSampleId :

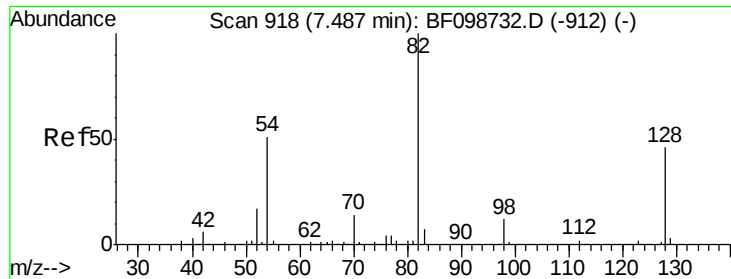
Tot Ion: 70 Resp: 49308
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Tgt Ion: 136 Resp: 313377
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.6 6.6 9.8
68 5.3 5.0 7.4

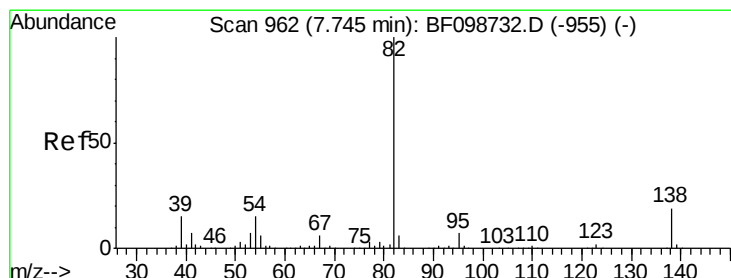
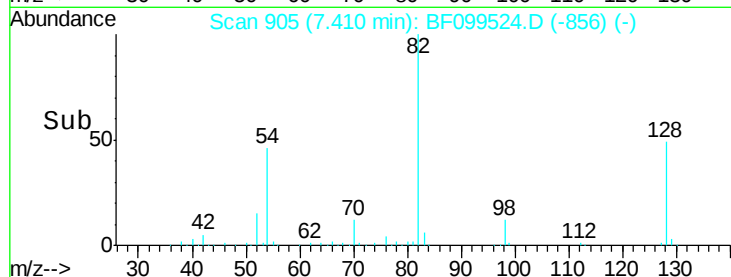
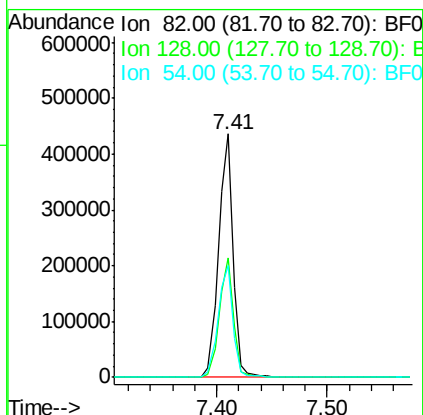
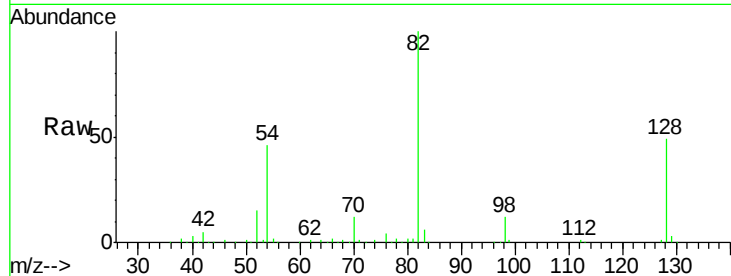




#23
Nitrobenzene-d5
Concen: 81.39 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

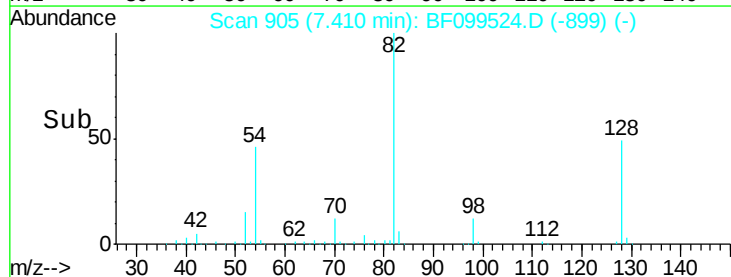
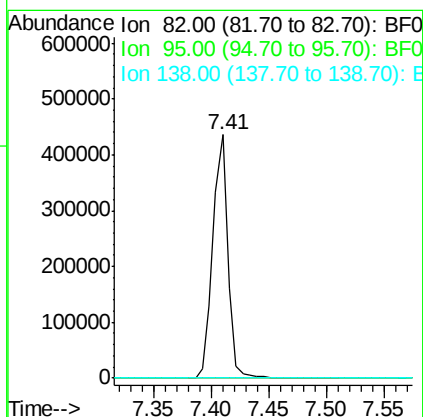
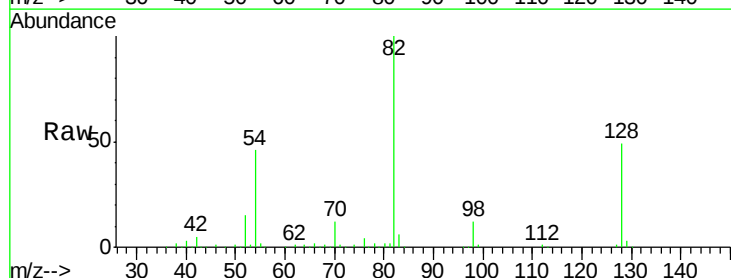
Instrument :
BNA_F
ClientSampled :

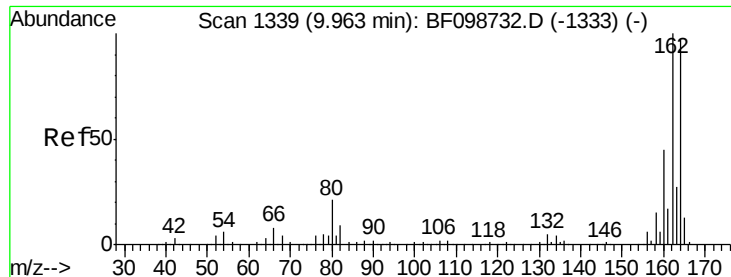
Tot Ion: 82 Resp: 397742
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 46.1 41.4 62.2



#25
Isophorone
Concen: 39.37 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Tgt Ion: 82 Resp: 397737
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

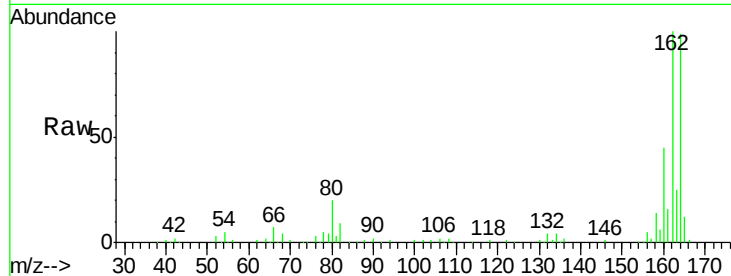




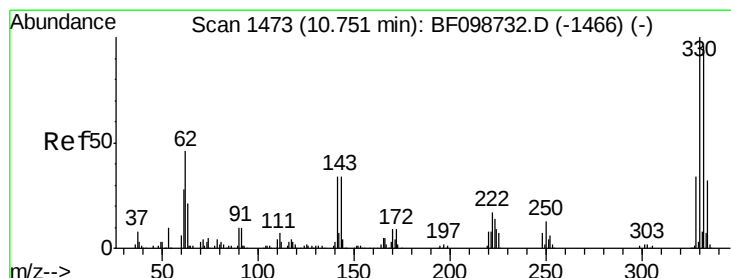
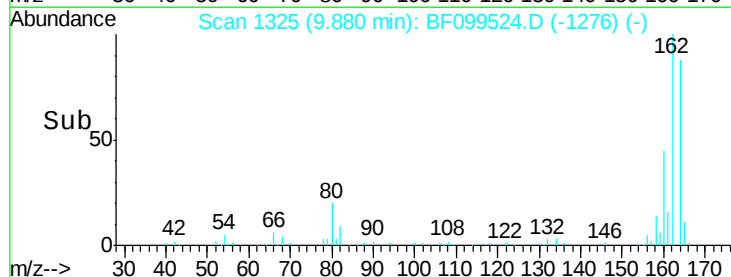
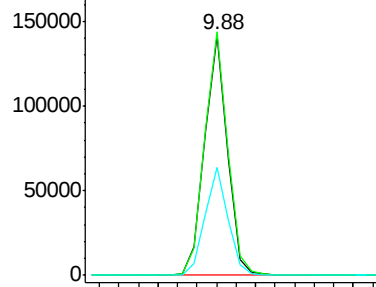
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099524.D
 Acq: 15 Oct 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 114534
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 45.1 38.3 57.5

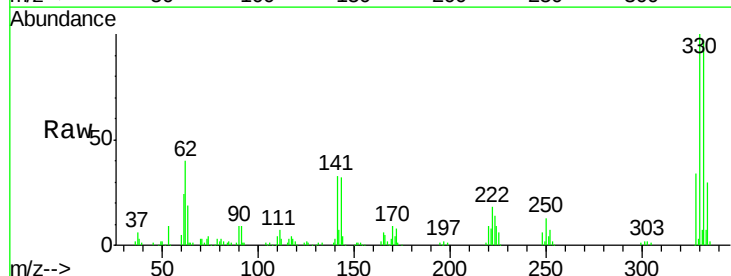


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

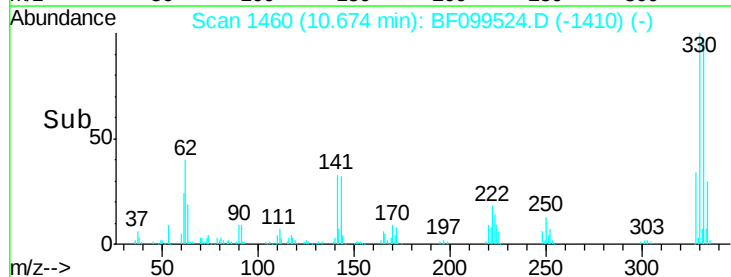
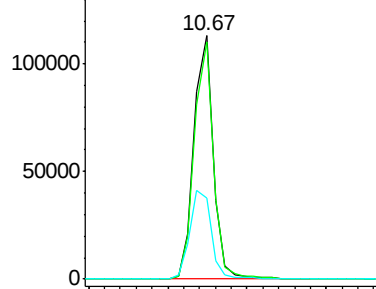


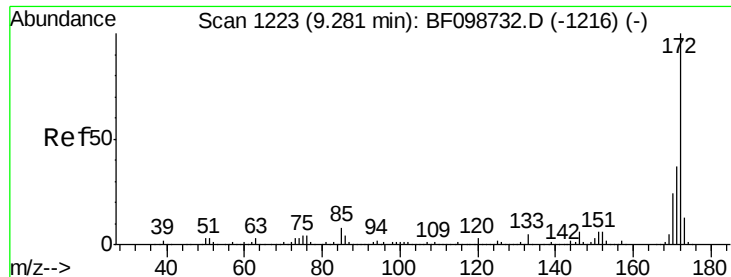
#41
 2,4,6-Tribromophenol
 Concen: 102.72 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099524.D
 Acq: 15 Oct 2017 20:11

Tgt Ion:330 Resp: 96266
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 40.4 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

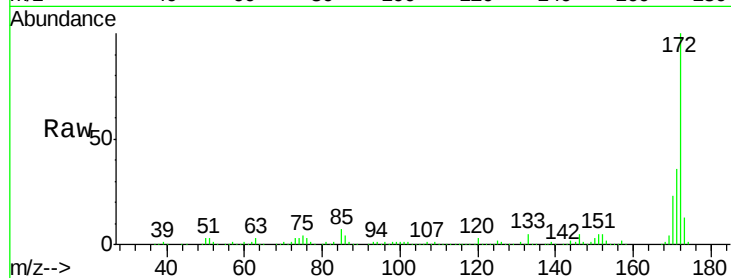




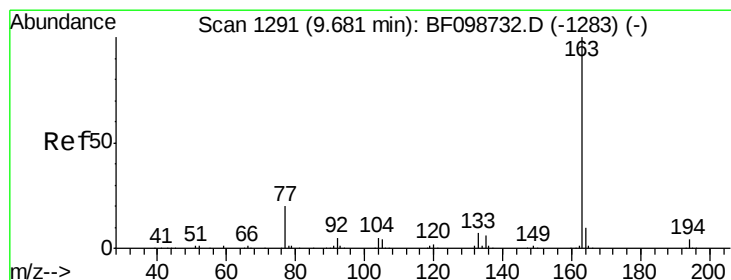
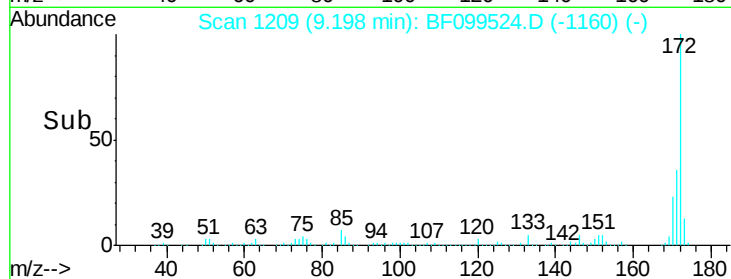
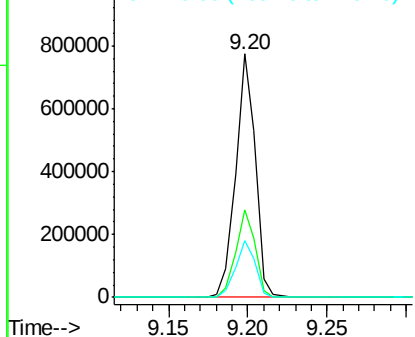
#44
2-Fluorobiphenyl
Concen: 96.90 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 664834
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.5 19.6 29.4

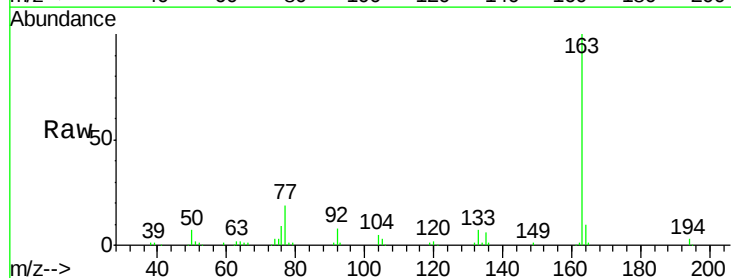


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

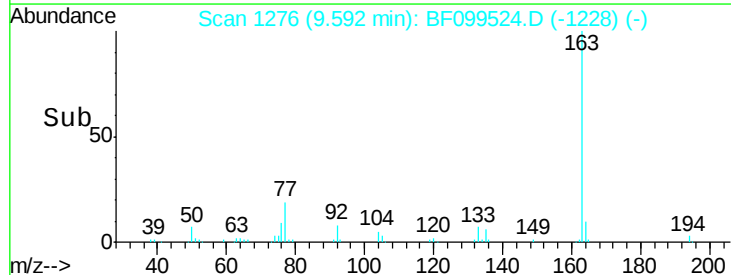
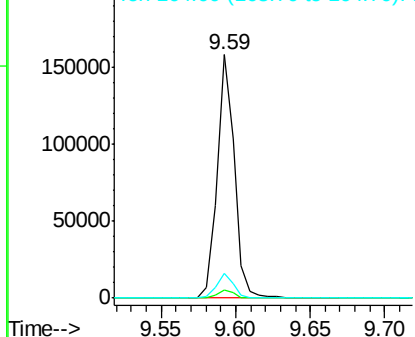


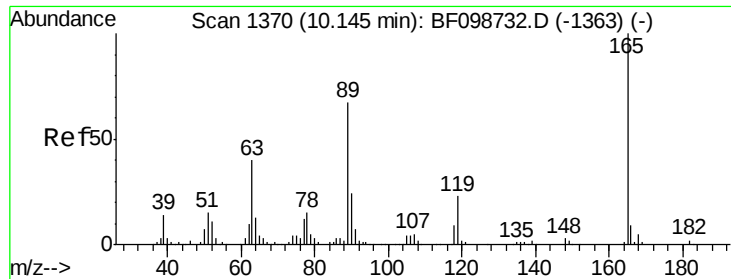
#49
Dimethylphthalate
Concen: 14.67 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Tgt Ion:163 Resp: 126844
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 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

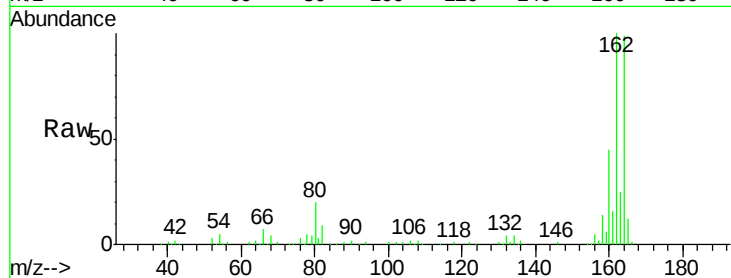




#56
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	14082
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#

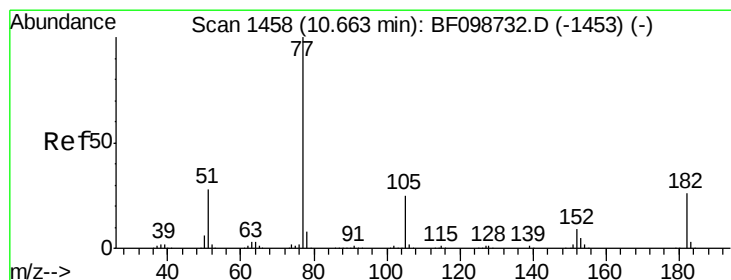
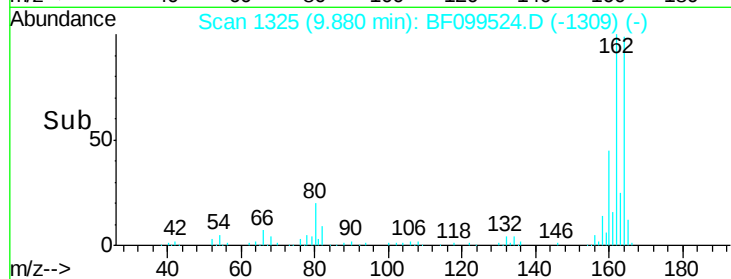
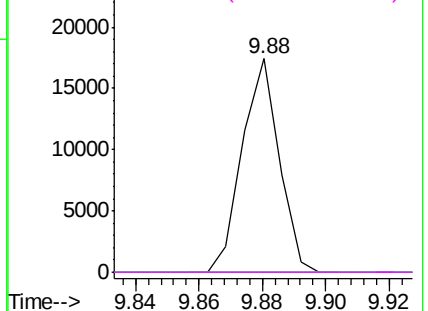


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

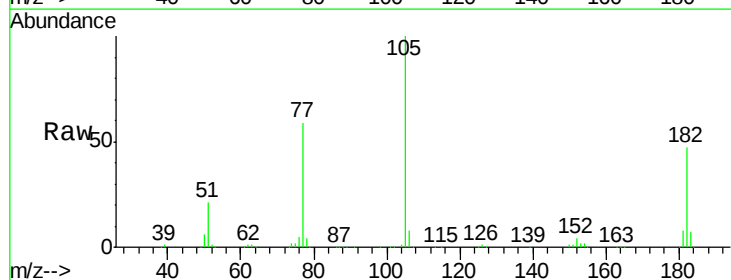
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#62
Azobenzene
Concen: 9.29 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Tgt Ion: 77	Resp:	72175
Ion Ratio	Lower	Upper
77	100	
182	79.6	1.7 41.7#
105	170.1	3.0 43.0#
51	35.2	9.9 49.9

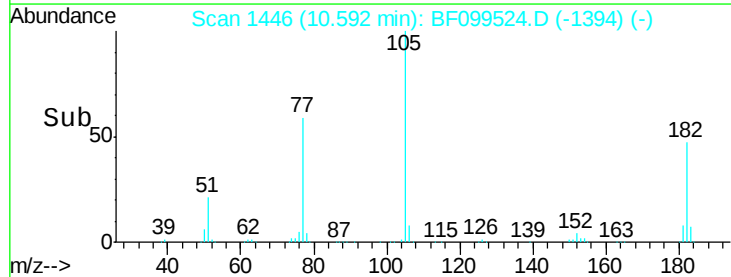
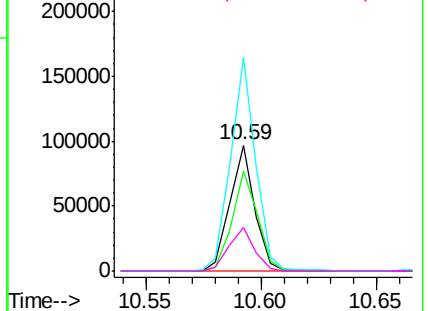


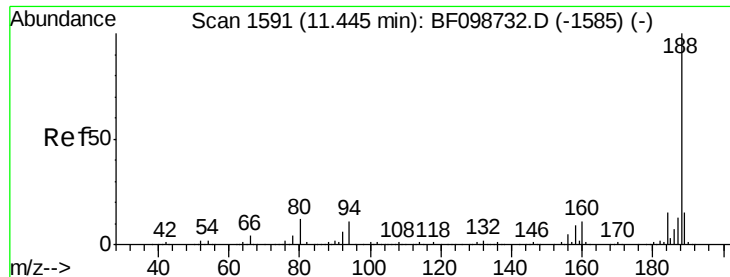
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

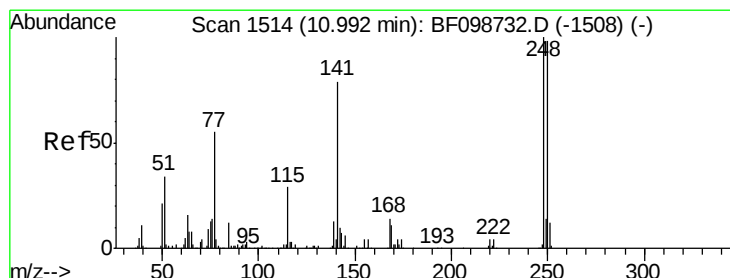
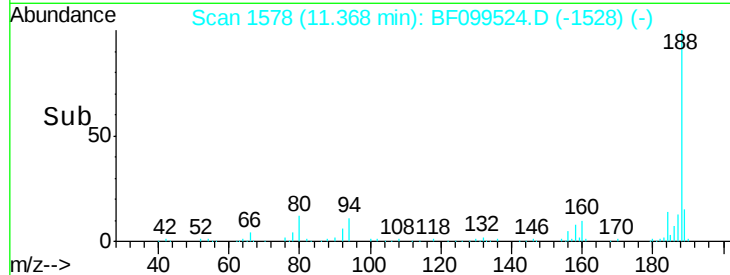
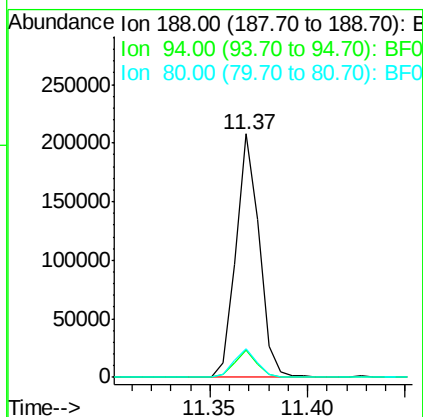
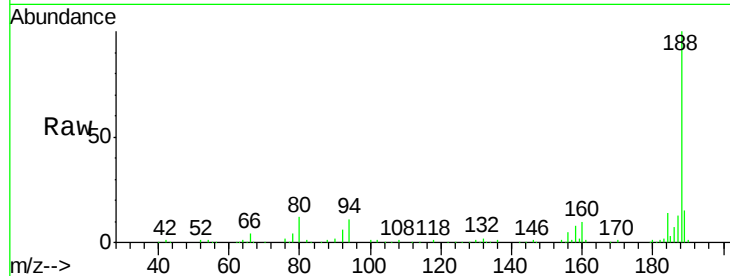




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

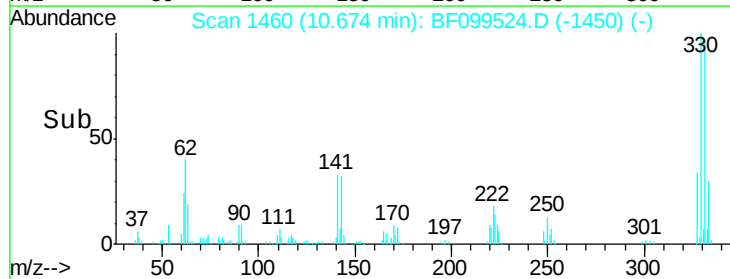
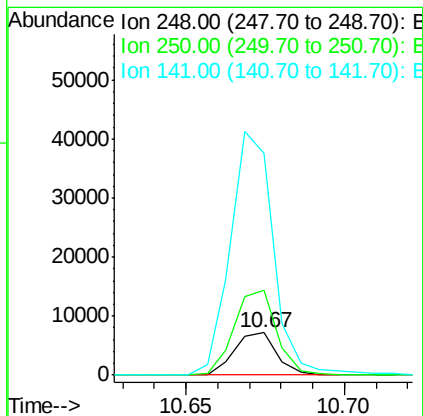
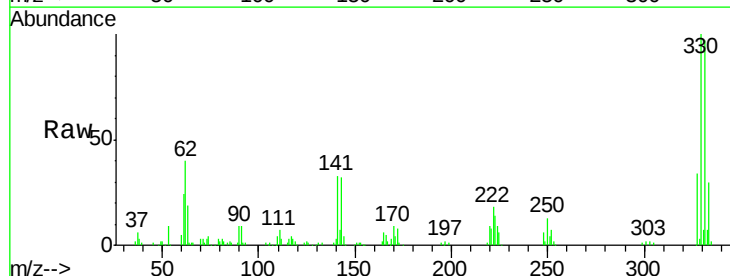
Instrument :
BNA_F
ClientSampleId :

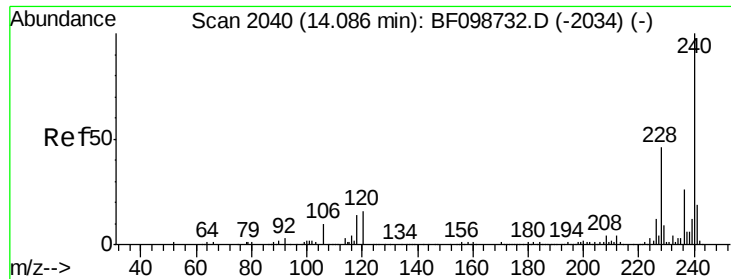
Tot Ion:188 Resp: 172166
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Tgt Ion:248 Resp: 6615
Ion Ratio Lower Upper
248 100
250 200.0 76.9 115.3#
141 525.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099524.D

Acq: 15 Oct 2017 20:11

Instrument :

BNA_F

ClientSampleId :

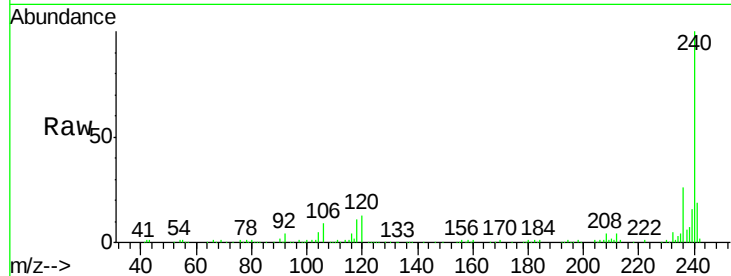
Tot Ion:240 Resp: 180238

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

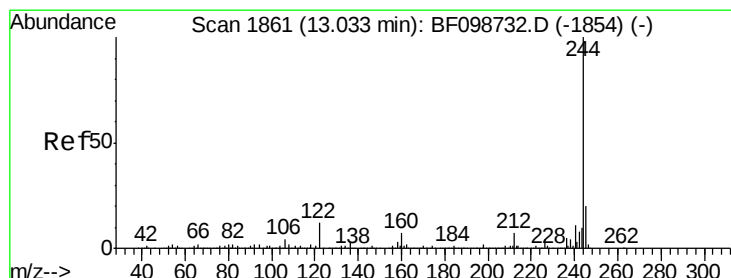
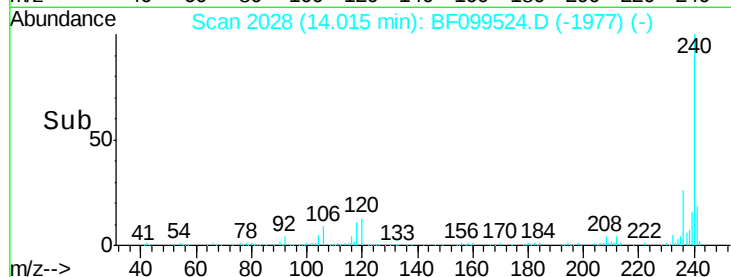
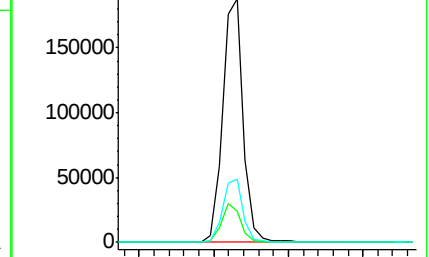
236 25.9 20.7 31.1



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: 61.25 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099524.D

Acq: 15 Oct 2017 20:11

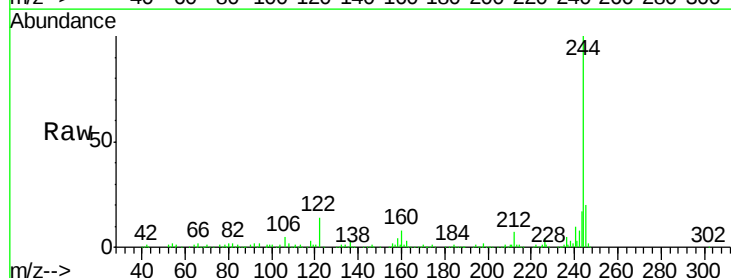
Tgt Ion:244 Resp: 485461

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

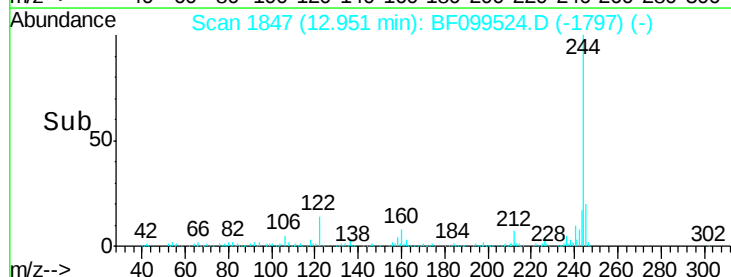
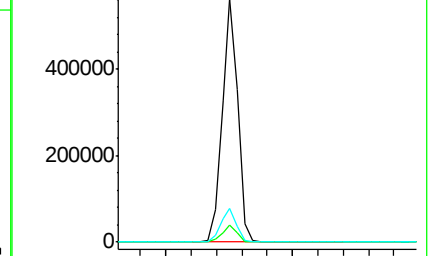
122 14.1 11.0 16.4

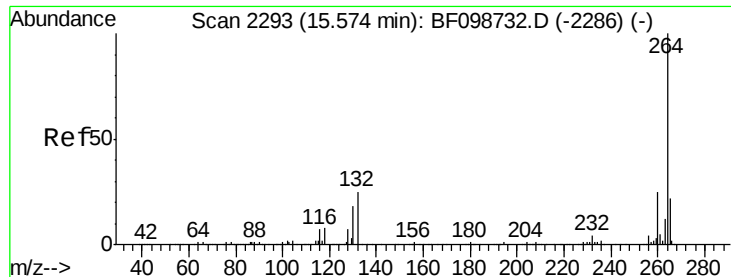


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

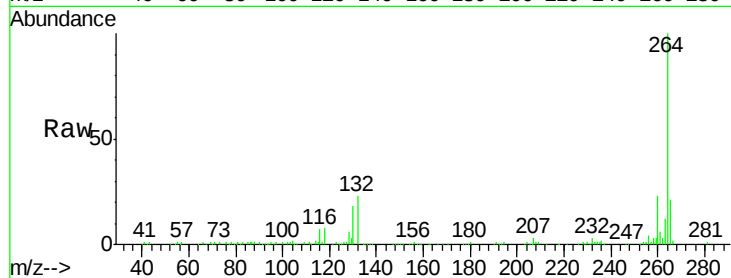




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099524.D
Acq: 15 Oct 2017 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	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

