

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096565.D
 Acq On : 7 Jul 2017 18:05
 Operator : SJ/MA
 Sample : I4064-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 23:11:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

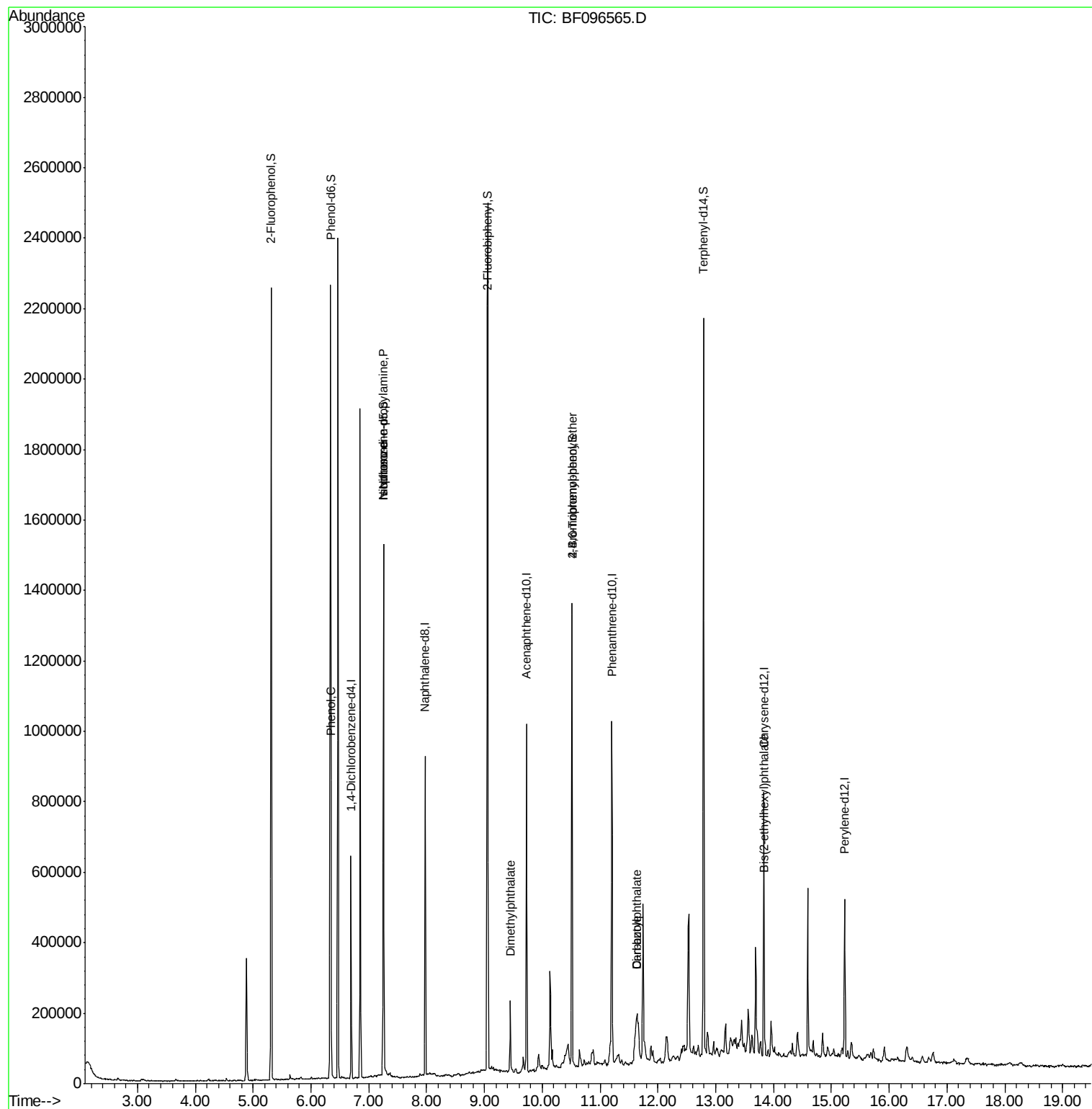
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96676	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	416961	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	182691	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	316383	20.00	ng	0.00
75) Chrysene-d12	13.83	240	231253	20.00	ng	-0.01
86) Perylene-d12	15.23	264	181975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	642920	98.16	ng	0.00
7) Phenol-d6	6.34	99	770024	95.63	ng	0.00
23) Nitrobenzene-d5	7.26	82	449735	64.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	158634	111.16	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	822996	77.02	ng	0.00
78) Terphenyl-d14	12.79	244	665652	61.51	ng	0.00
Target Compounds						
10) Phenol	6.35	94	23575	2.57	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.26	70	59692	12.44	ng	# 88
25) Isophorone	7.26	82	449598	33.42	ng	# 67
49) Dimethylphthalate	9.45	163	67493	4.95	ng	98
66) 4-Bromophenyl-phenylether	10.52	248	10328	3.35	ng	# 1
72) Carbazole	11.64	167	40757	2.33	ng	# 61
73) Di-n-butylphthalate	11.64	149	150866	7.11	ng	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	23756	2.26	ng	# 62

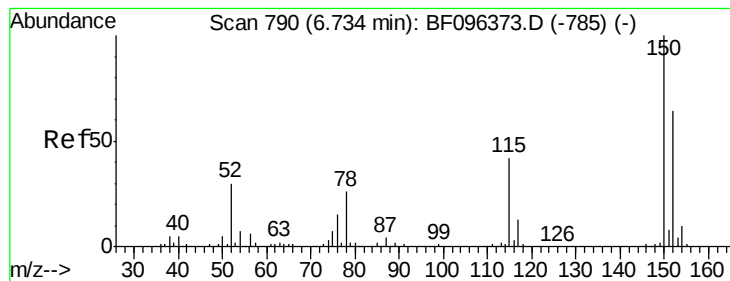
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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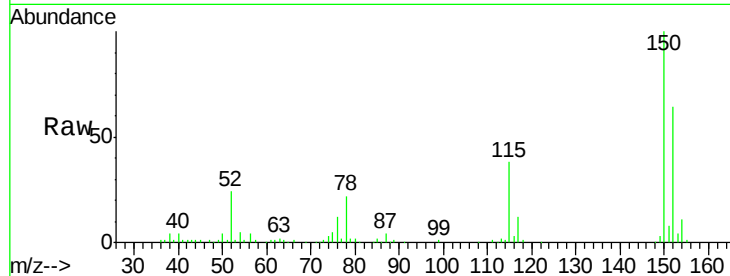


#1

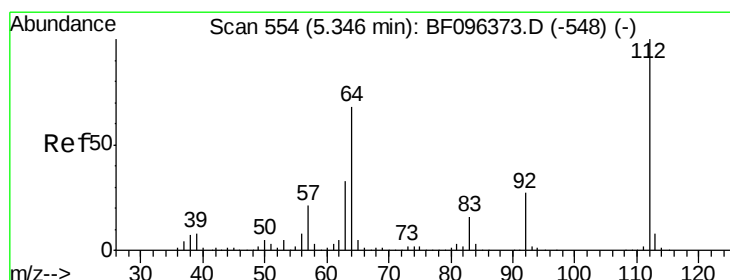
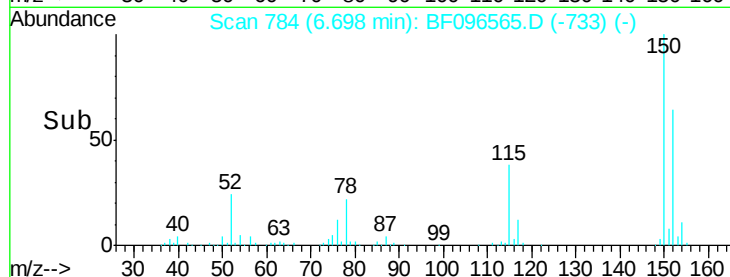
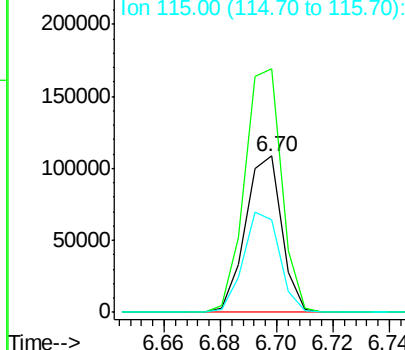
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96676
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 59.3 52.2 78.2



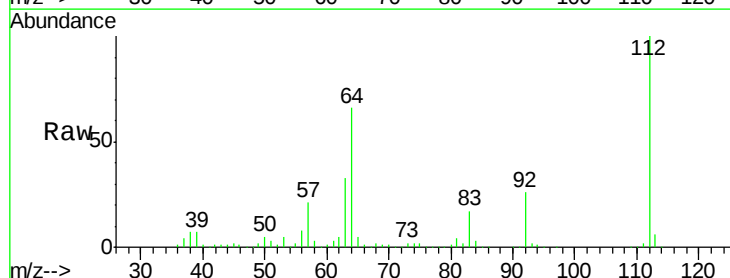
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



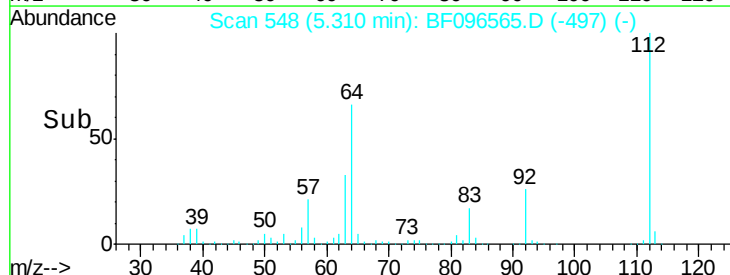
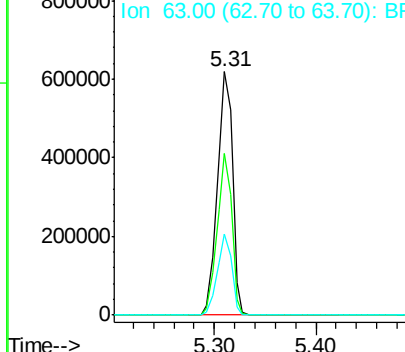
#5

2-Fluorophenol
Concen: 98.16 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:112 Resp: 642920
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.3 23.4 35.0



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: 95.63 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096565.D

Acq: 7 Jul 2017 18:05

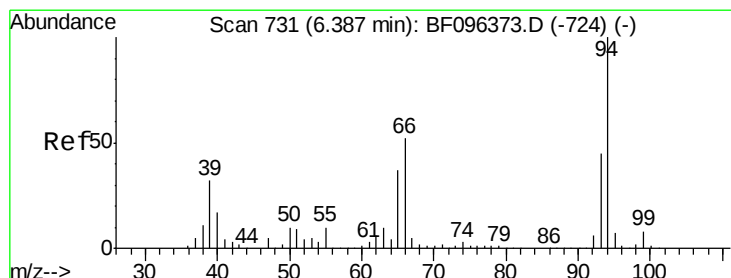
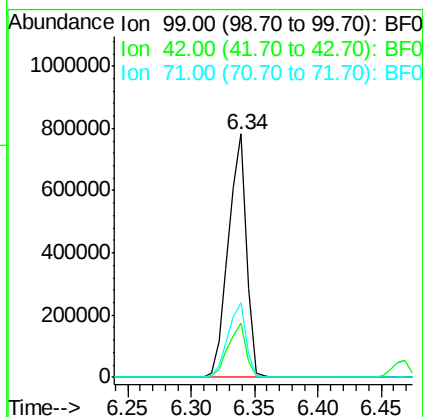
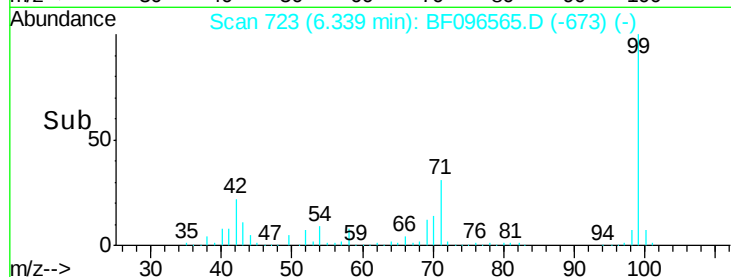
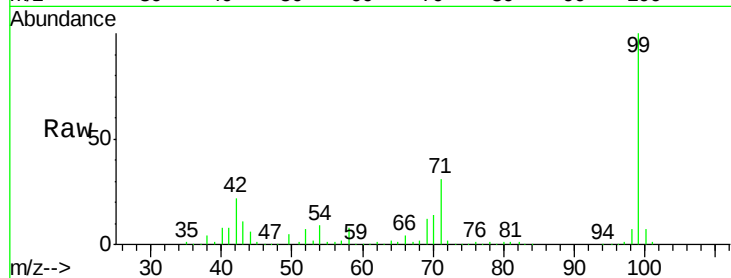
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 770024

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	30.9	24.5	36.7



#10

Phenol

Concen: 2.57 ng

RT: 6.35 min Scan# 725

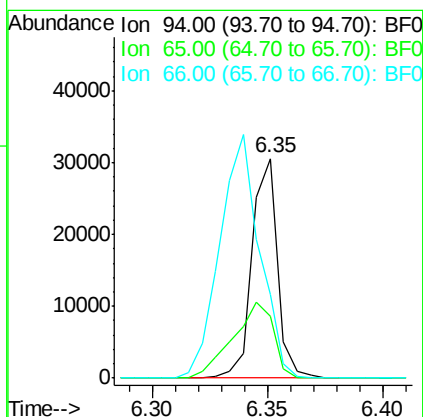
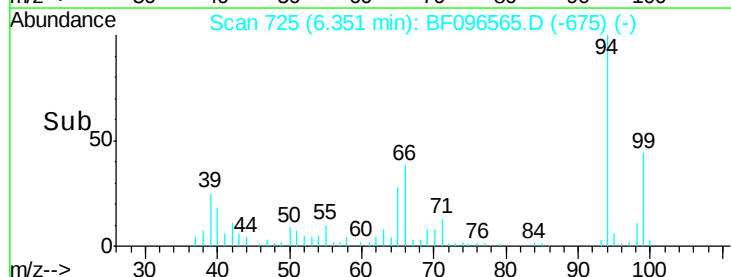
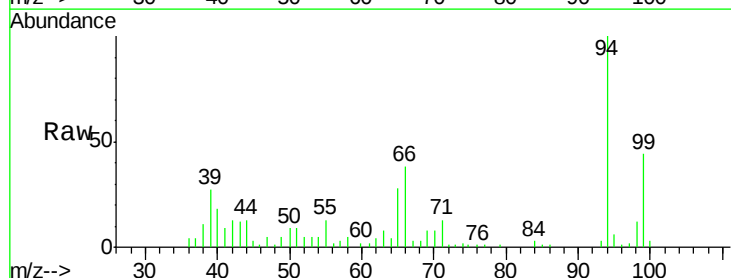
Delta R.T. -0.01 min

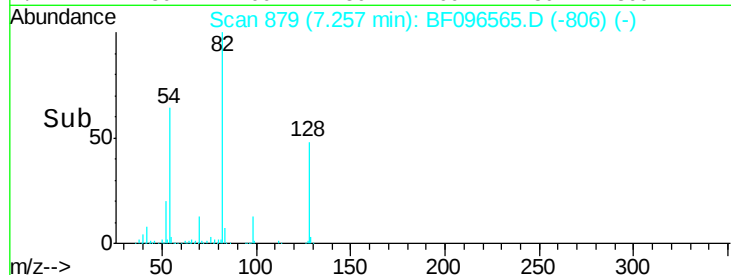
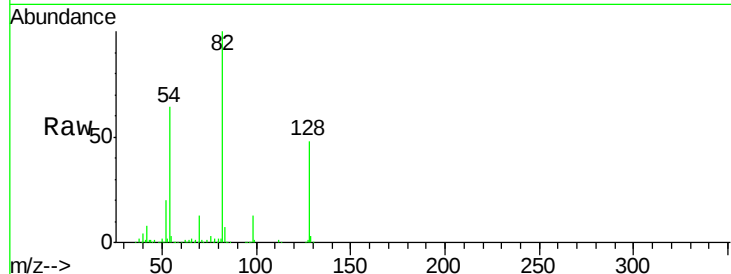
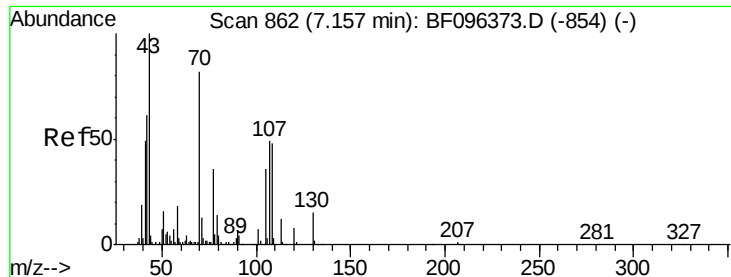
Lab File: BF096565.D

Acq: 7 Jul 2017 18:05

Tgt Ion: 94 Resp: 23575

Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.9	49.9
66	37.9	23.1	63.1

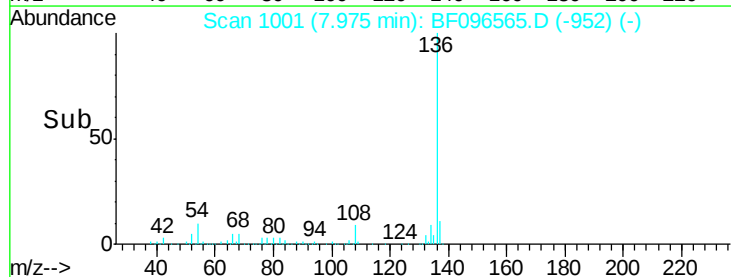
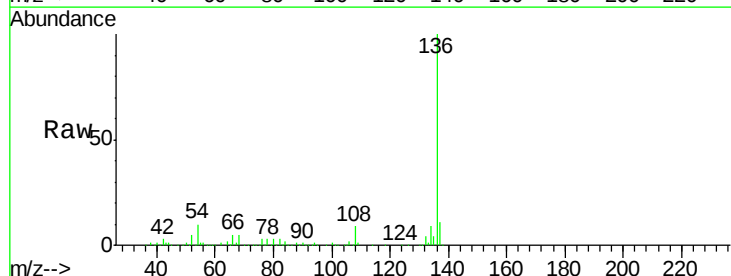
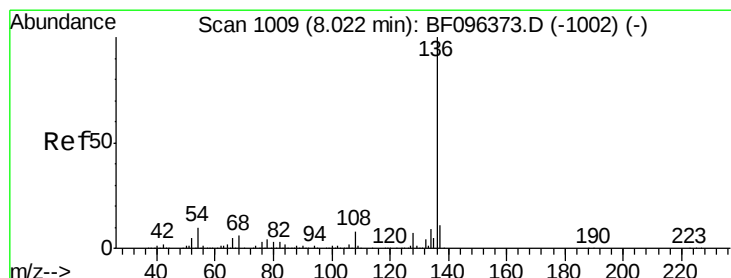
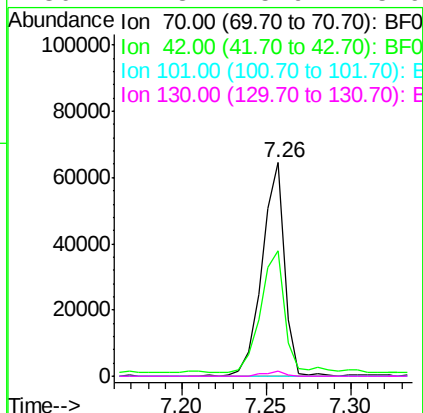




#19
n-Nitroso-di-n-propylamine
Concen: 12.44 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

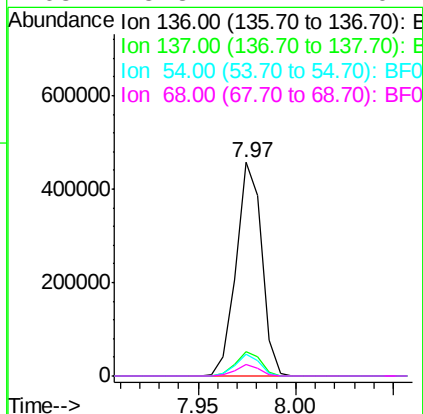
Instrument :
BNA_F
ClientSampleId :

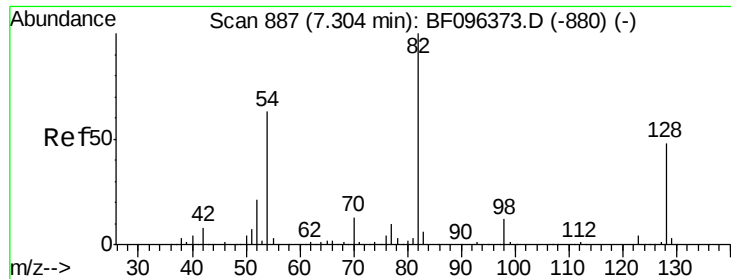
Tot Ion:	70	Resp:	59692
Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:	136	Resp:	416961
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.1	4.9	7.3#
68	5.3	4.1	6.1

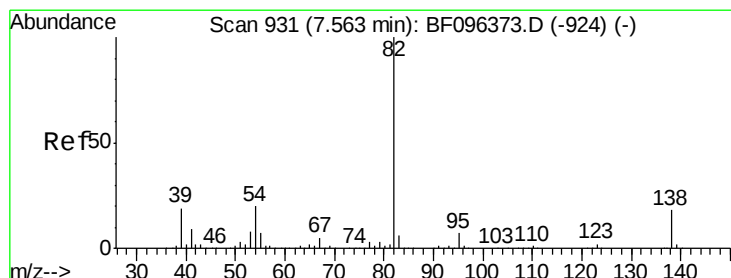
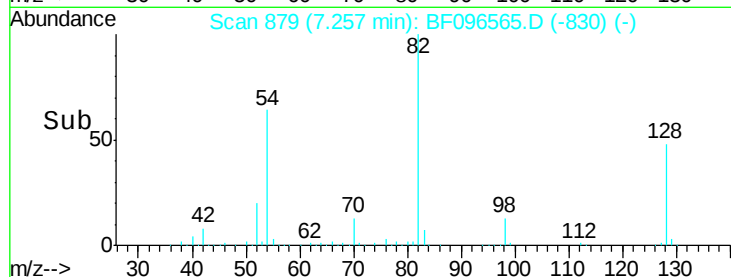
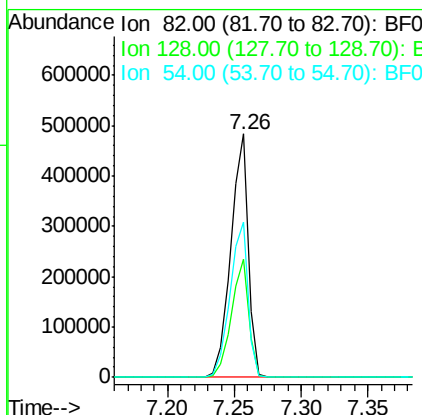
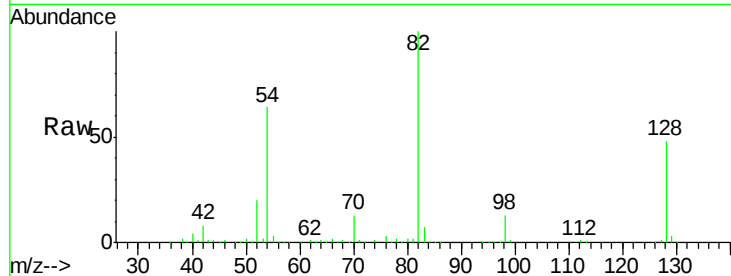




#23
 Nitrobenzene-d5
 Concen: 64.81 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096565.D
 Acq: 7 Jul 2017 18:05

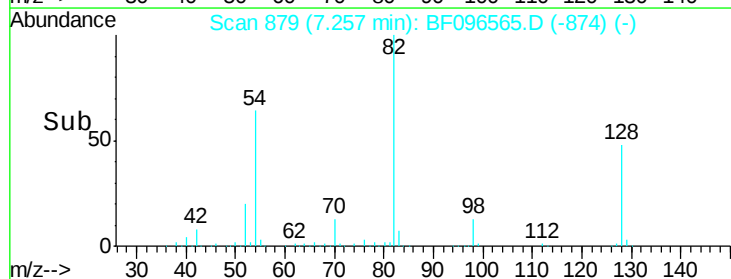
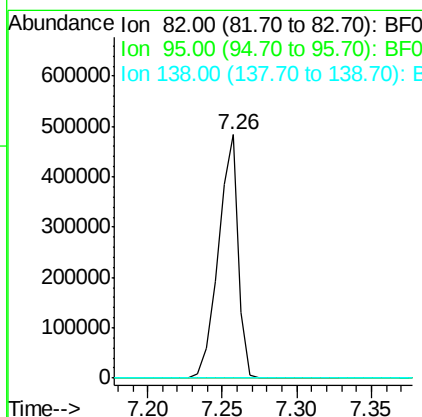
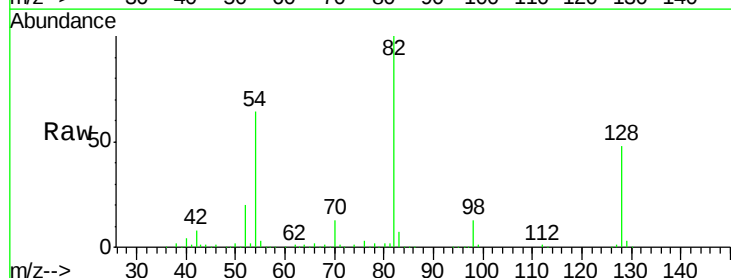
Instrument :
 BNA_F
 ClientSampleId :

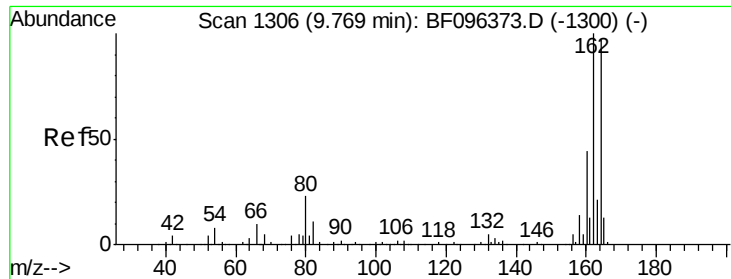
Tot Ion: 82 Resp: 449735
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 64.0 42.2 63.2#



#25
 Isophorone
 Concen: 33.42 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.27 min
 Lab File: BF096565.D
 Acq: 7 Jul 2017 18:05

Tgt Ion: 82 Resp: 449598
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.3 7.9#
 138 0.0 13.1 19.7#

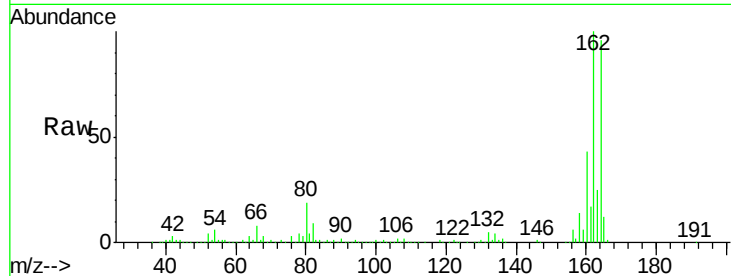




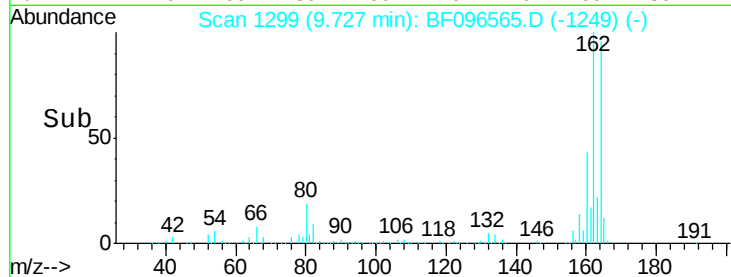
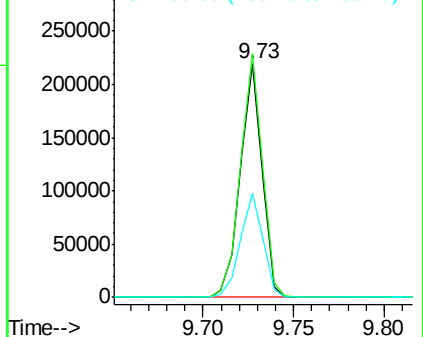
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096565.D
 Acq: 7 Jul 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 182691
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 44.8 36.2 54.2

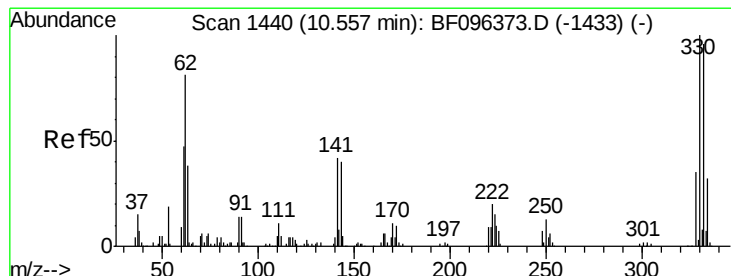


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

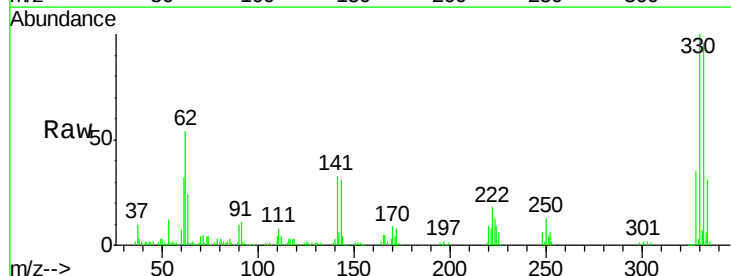
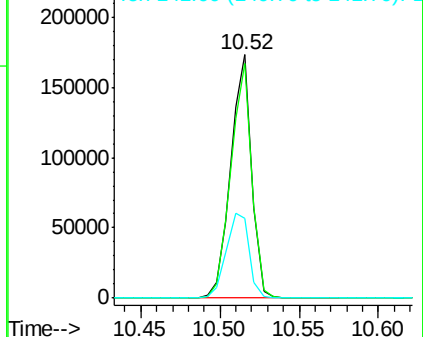


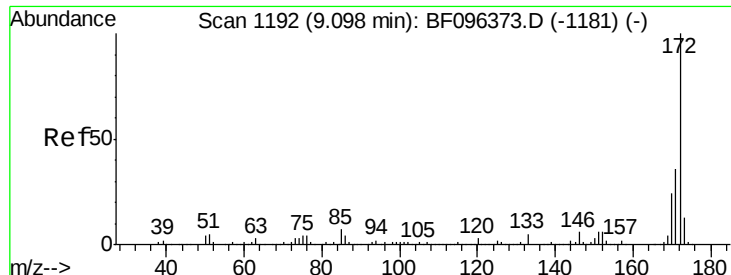
#41
 2,4,6-Tribromophenol
 Concen: 111.16 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096565.D
 Acq: 7 Jul 2017 18:05

Tgt Ion:330 Resp: 158634
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 38.3 31.4 47.2



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

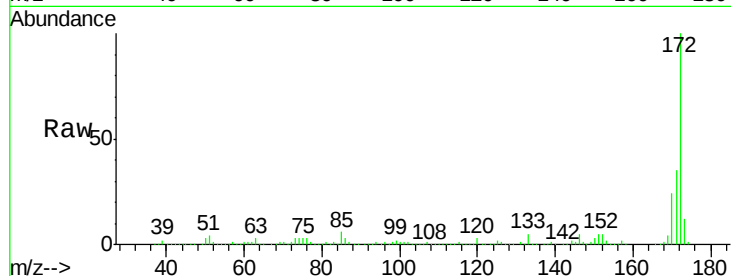




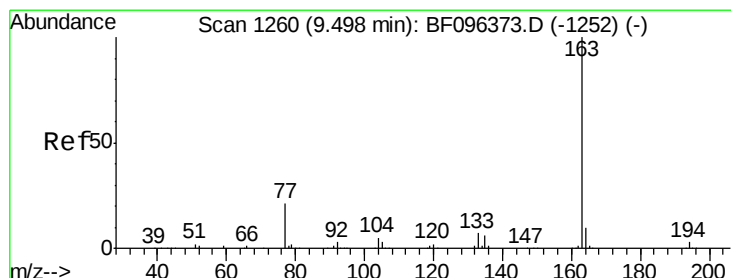
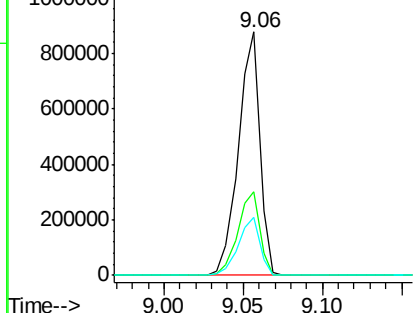
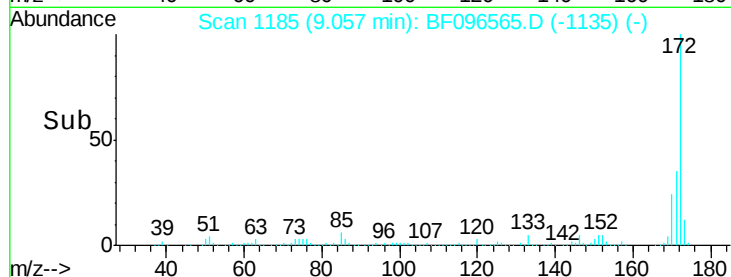
#44
2-Fluorobiphenyl
Concen: 77.02 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 822996
Ion Ratio Lower Upper
172 100
171 34.6 29.6 44.4
170 23.9 19.8 29.8

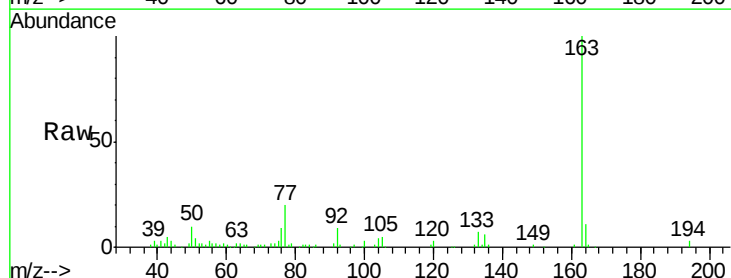


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

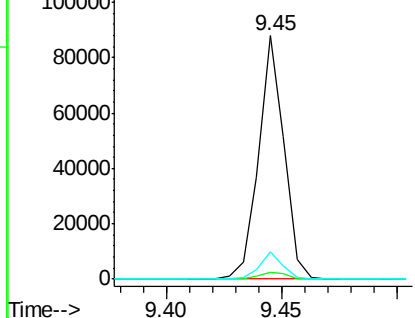
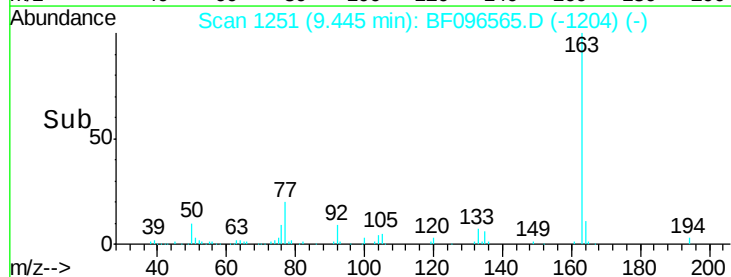


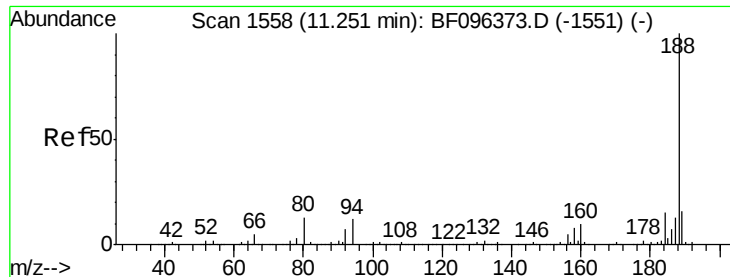
#49
Dimethylphthalate
Concen: 4.95 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:163 Resp: 67493
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 11.1 8.4 12.6



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

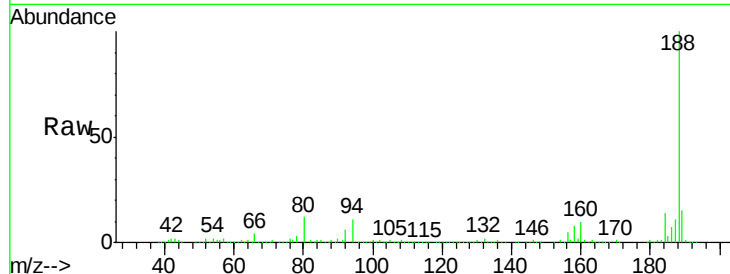




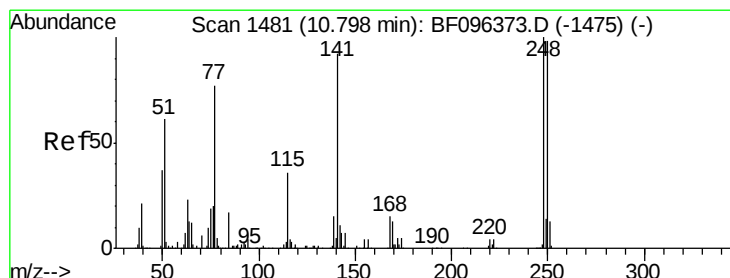
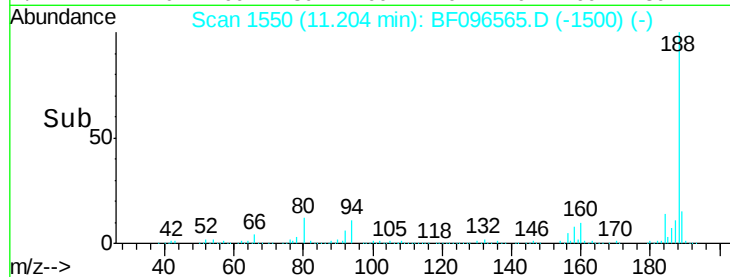
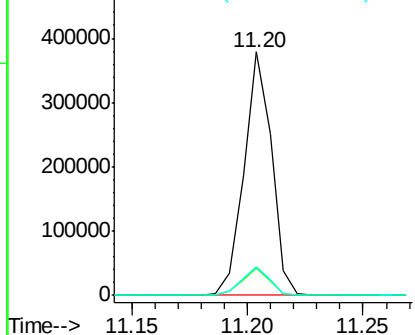
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 316383
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.9 10.2 15.2

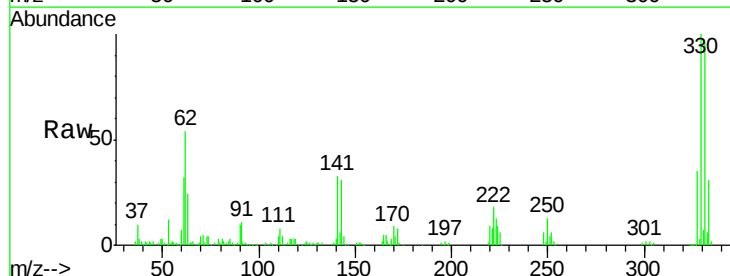


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

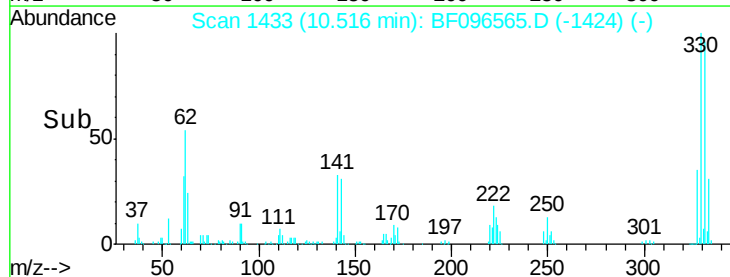
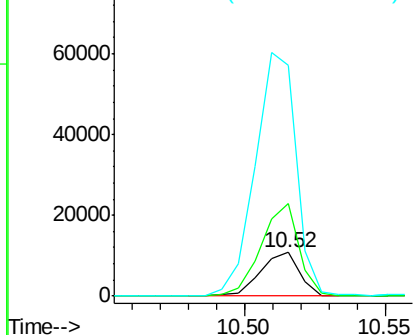


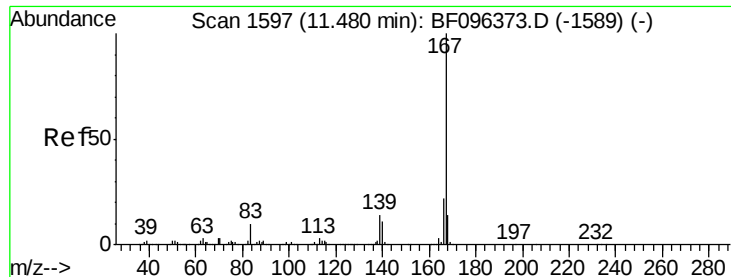
#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:248 Resp: 10328
Ion Ratio Lower Upper
248 100
250 210.1 76.8 115.2#
141 527.0 68.6 103.0#



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





#72

Carbazole

Concen: 2.33 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.19 min

Lab File: BF096565.D

Acq: 7 Jul 2017 18:05

Instrument :

BNA_F

ClientSampled :

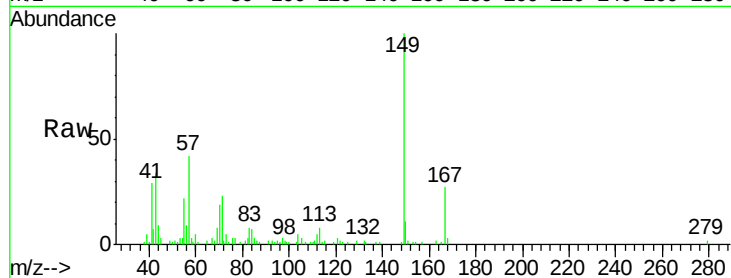
Tot Ion:167 Resp: 40757

Ion Ratio Lower Upper

167 100

166 0.0 18.1 27.1#

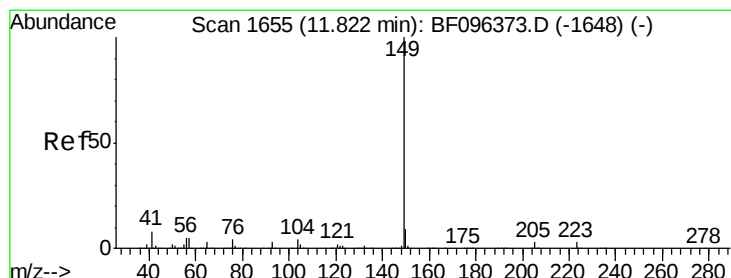
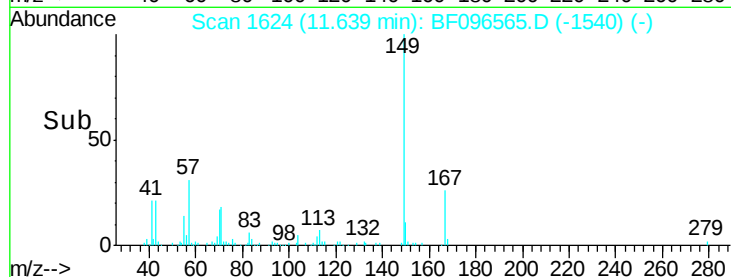
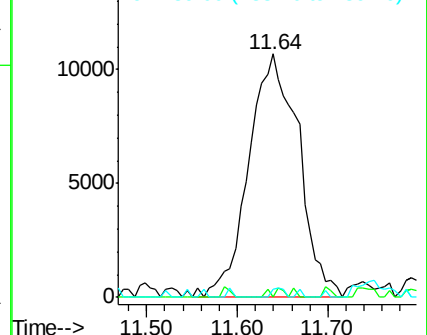
139 3.5 11.7 17.5#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 7.11 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.14 min

Lab File: BF096565.D

Acq: 7 Jul 2017 18:05

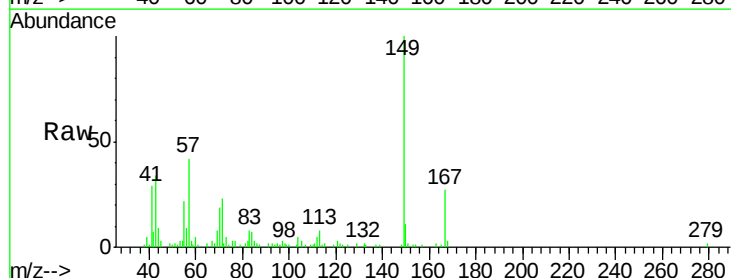
Tgt Ion:149 Resp: 150866

Ion Ratio Lower Upper

149 100

150 11.0 7.7 11.5

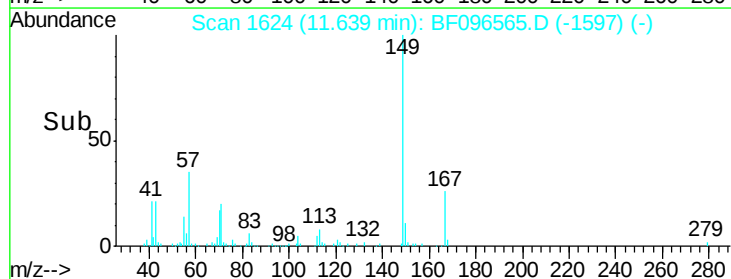
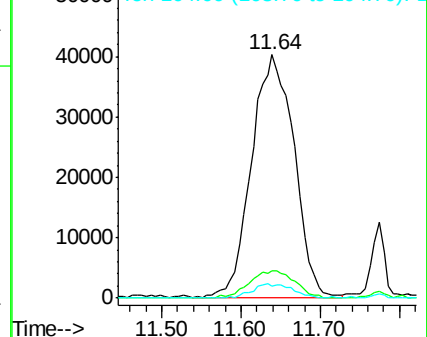
104 4.8 4.0 6.0

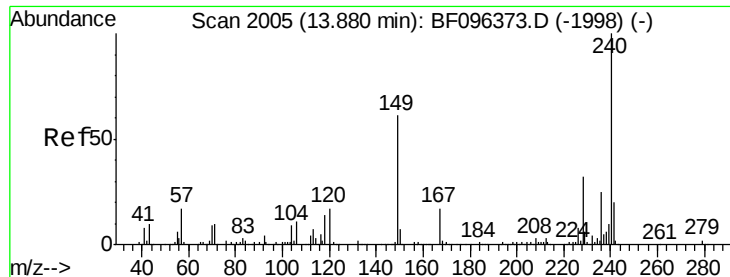


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096565.D

Acq: 7 Jul 2017 18:05

Instrument :

BNA_F

ClientSampleId :

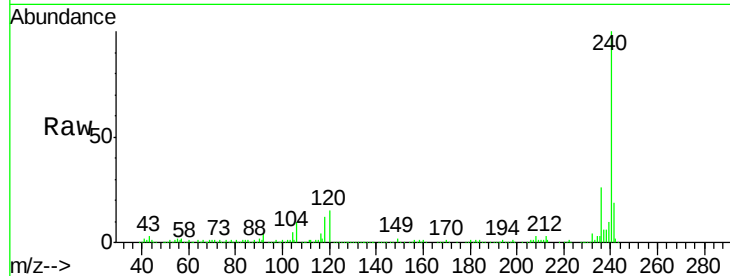
Tot Ion:240 Resp: 231253

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

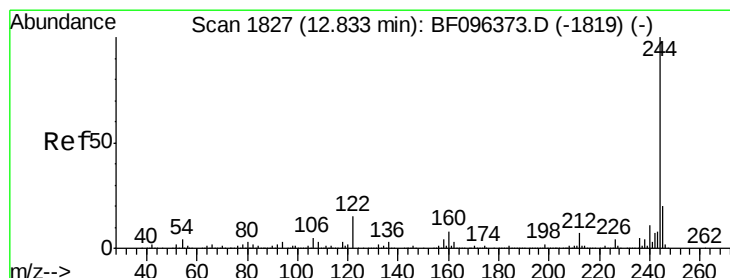
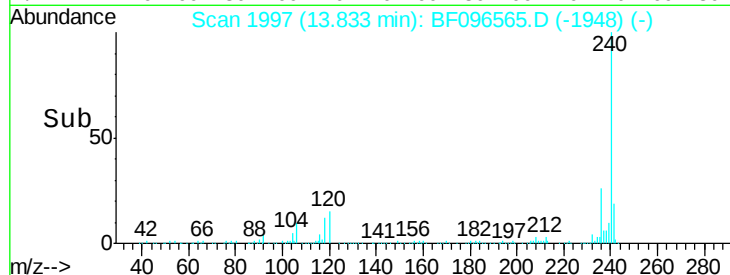
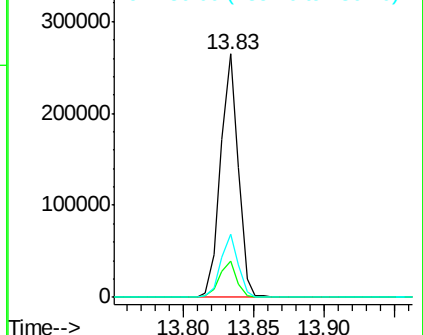
236 25.8 20.5 30.7



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: 61.51 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096565.D

Acq: 7 Jul 2017 18:05

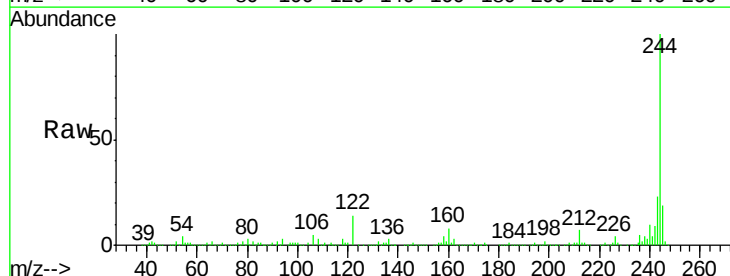
Tgt Ion:244 Resp: 665652

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

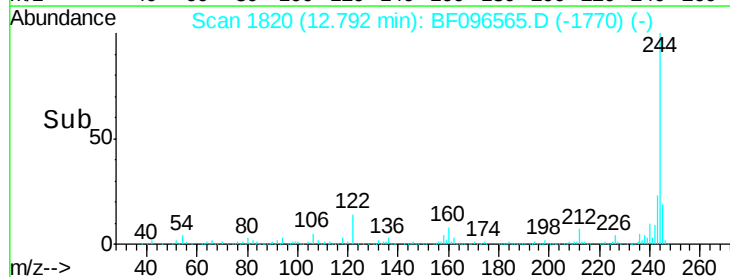
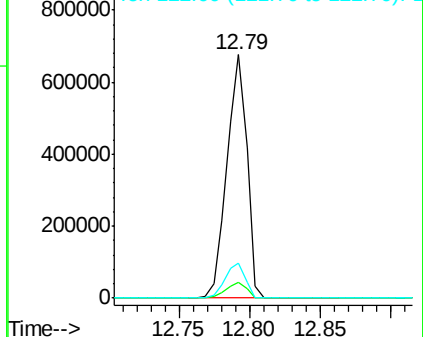
122 14.1 10.3 15.5

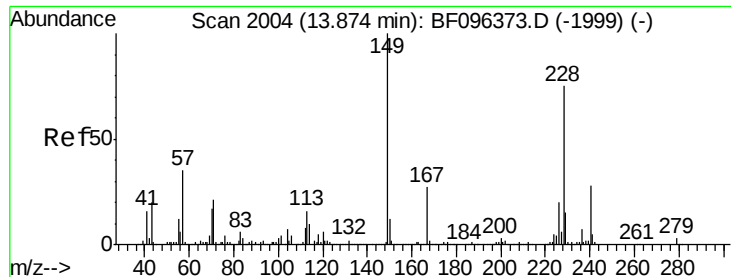


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.26 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF096565.D

Acq: 7 Jul 2017 18:05

Instrument :

BNA_F

ClientSampleId :

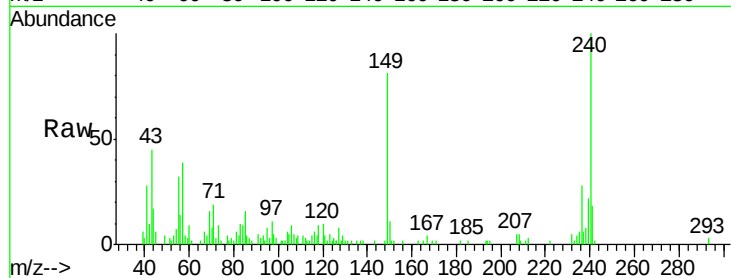
Tot Ion:149 Resp: 23756

Ion Ratio Lower Upper

149 100

167 5.1 21.0 31.4#

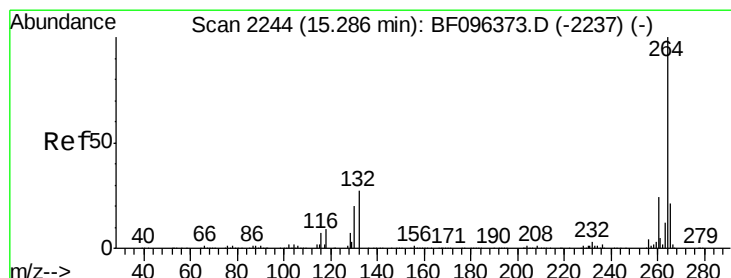
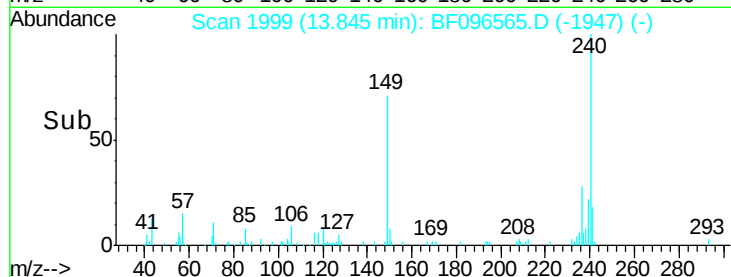
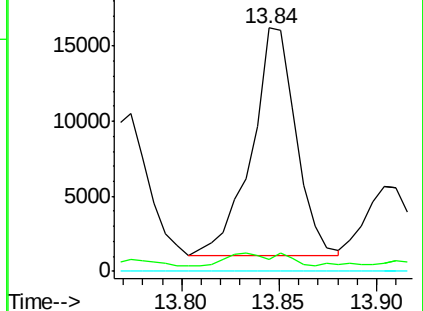
279 0.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF096565.D

Acq: 7 Jul 2017 18:05

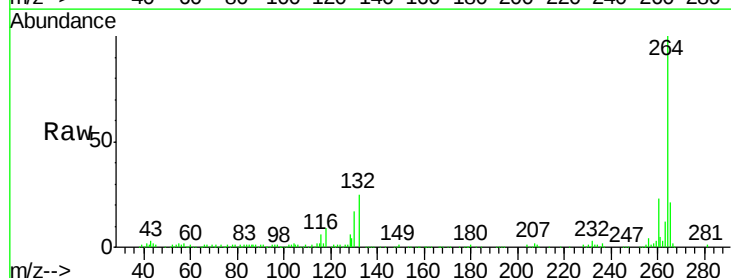
Tgt Ion:264 Resp: 181975

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.2 17.2 25.8



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

