

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096592.D
 Acq On : 10 Jul 2017 11:12
 Operator : SJ/JU
 Sample : PB100484BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:05:41 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

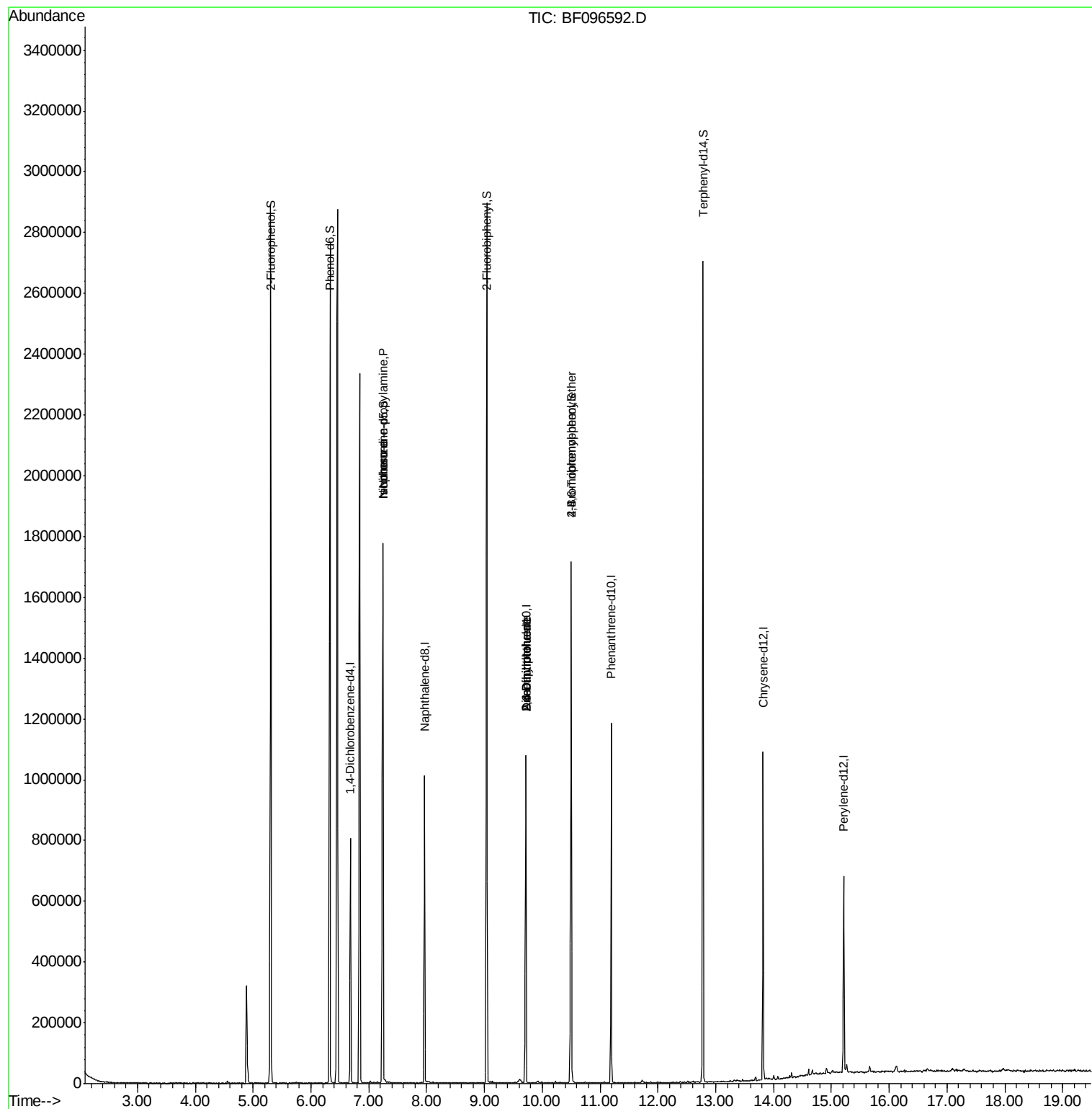
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	110526	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	475580	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	227397	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	393733	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	355487	20.00	ng	-0.02
86) Perylene-d12	15.22	264	261508	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	832742	111.20	ng	0.00
7) Phenol-d6	6.33	99	1000329	108.66	ng	-0.02
23) Nitrobenzene-d5	7.25	82	600071	75.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	228961	128.90	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1120039	84.21	ng	-0.02
78) Terphenyl-d14	12.78	244	978132	58.80	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	80404	14.66	ng	# 86
25) Isophorone	7.25	82	599374	39.06	ng	# 67
49) Dimethylphthalate	9.72	163	66183	3.90	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	29402	7.83	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	29402	6.19	ng	# 34
66) 4-Bromophenyl-phenylether	10.50	248	14128	3.69	ng	# 1

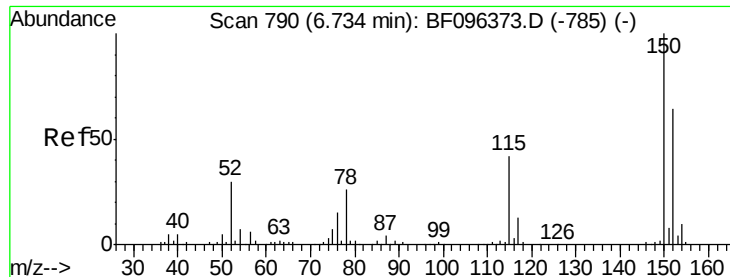
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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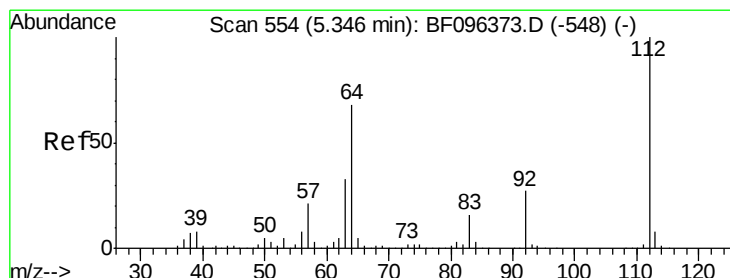
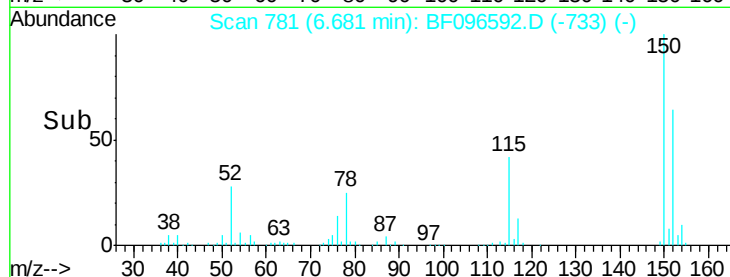
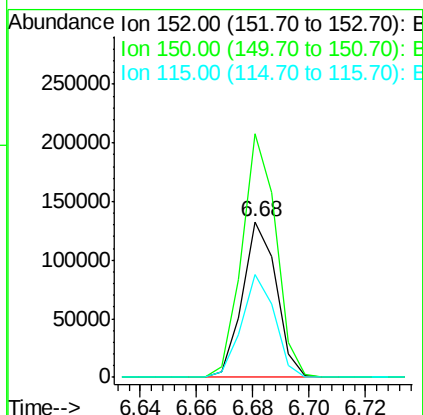
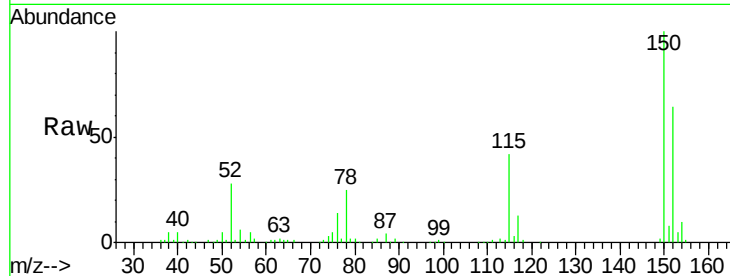


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096592.D
Acq: 10 Jul 2017 11:12

Instrument :
BNA_F
ClientSampled :

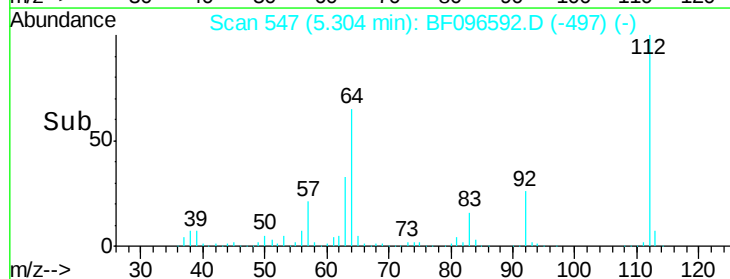
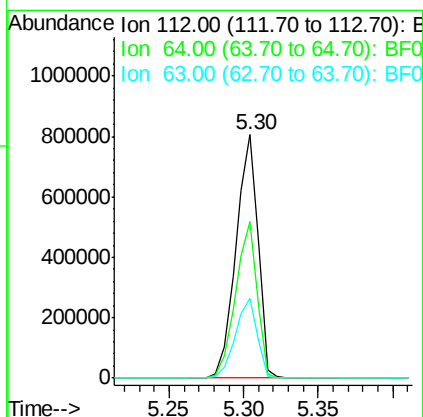
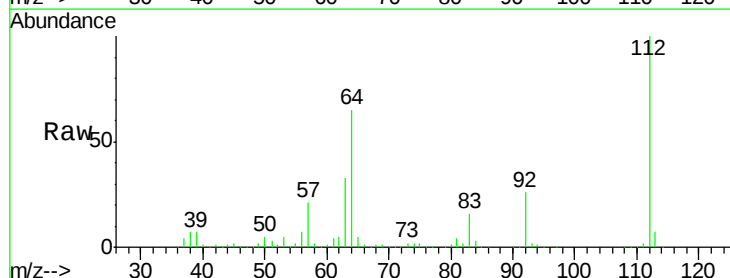
Tot Ion:152 Resp: 110526
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 66.1 52.2 78.2



#5

2-Fluorophenol
Concen: 111.20 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF096592.D
Acq: 10 Jul 2017 11:12

Tgt Ion:112 Resp: 832742
Ion Ratio Lower Upper
112 100
64 64.5 46.0 69.0
63 32.8 23.4 35.0





#7

Phenol-d6

Concen: 108.66 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096592.D

Acq: 10 Jul 2017 11:12

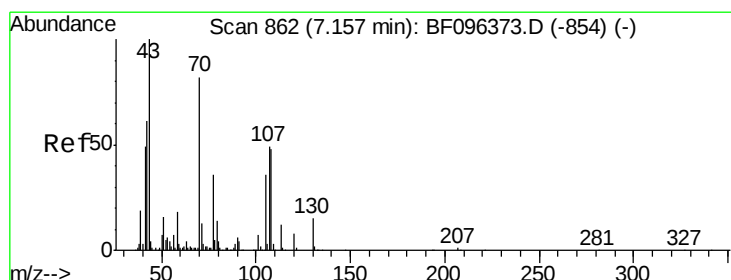
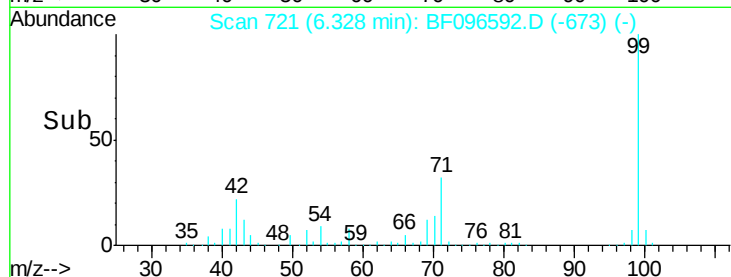
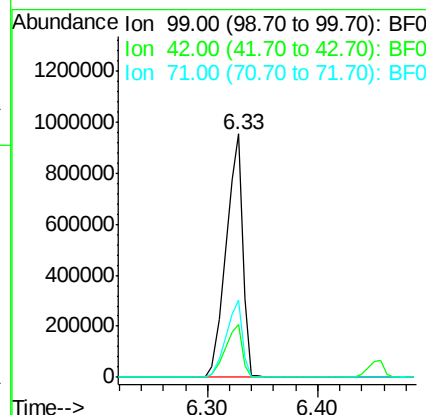
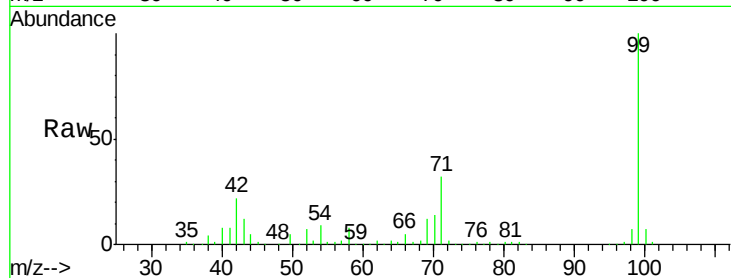
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1000329

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.8	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.66 ng

RT: 7.25 min Scan# 877

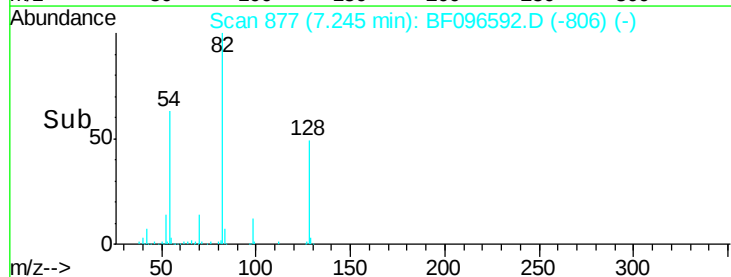
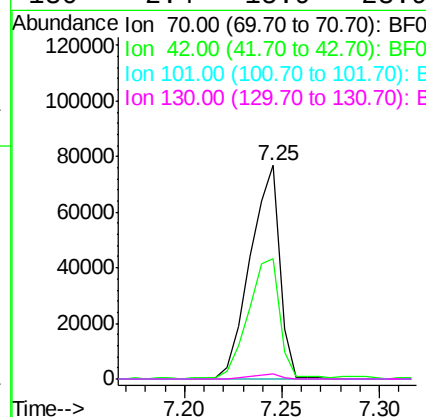
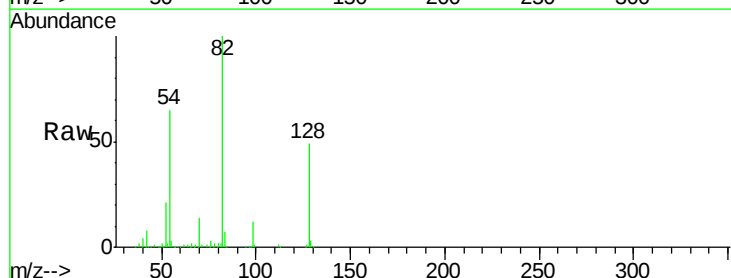
Delta R.T. 0.12 min

Lab File: BF096592.D

Acq: 10 Jul 2017 11:12

Tgt Ion: 70 Resp: 80404

Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

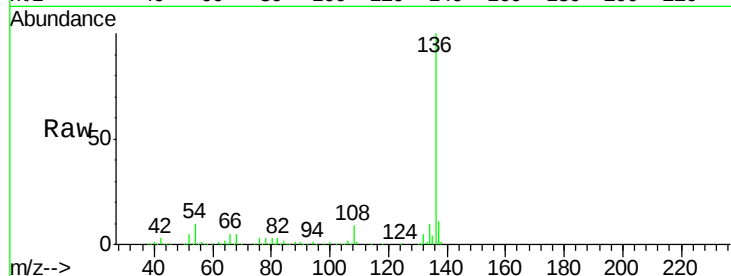




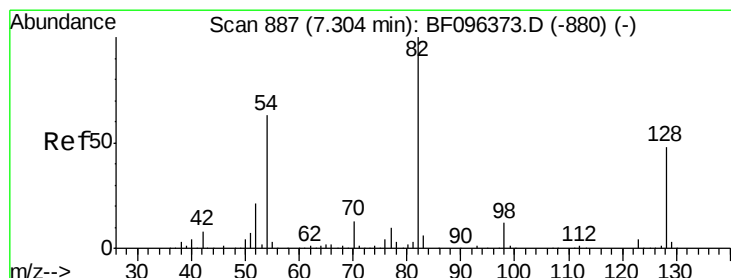
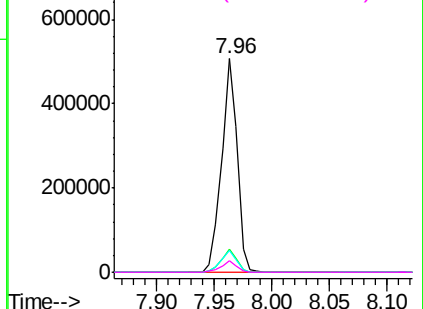
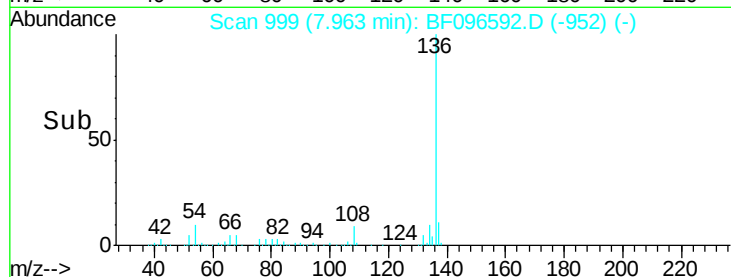
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096592.D
Acq: 10 Jul 2017 11:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	475580
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	10.3	4.9 7.3#
68	5.3	4.1 6.1

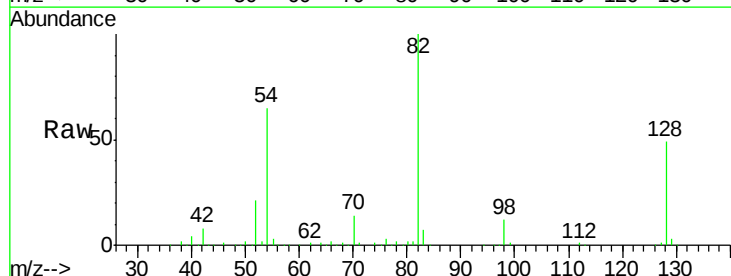


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

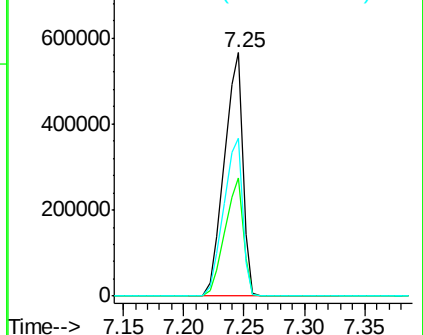
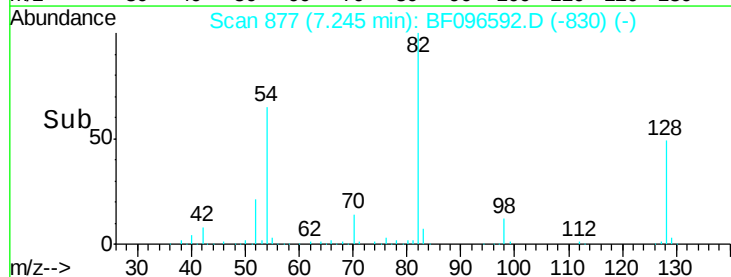


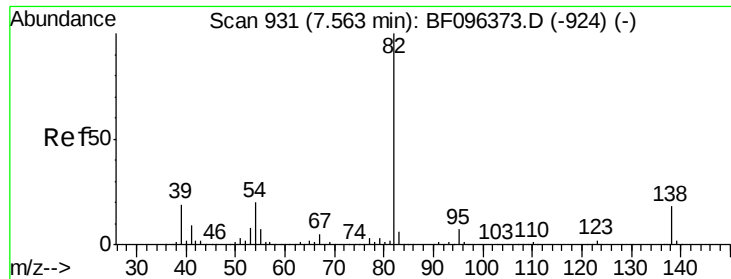
#23
Nitrobenzene-d5
Concen: 75.82 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096592.D
Acq: 10 Jul 2017 11:12

Tgt Ion: 82	Resp:	600071
Ion Ratio	Lower	Upper
82	100	
128	48.5	34.0 51.0
54	64.9	42.2 63.2#



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: 39.06 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096592.D

Acq: 10 Jul 2017 11:12

Instrument :

BNA_F

ClientSampleId :

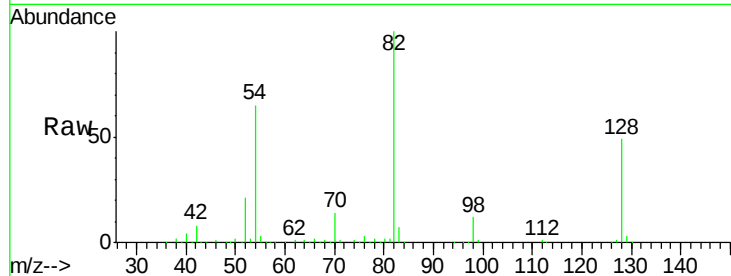
Tot Ion: 82 Resp: 599374

Ion Ratio Lower Upper

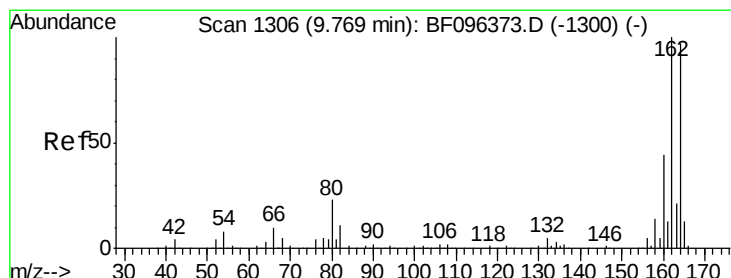
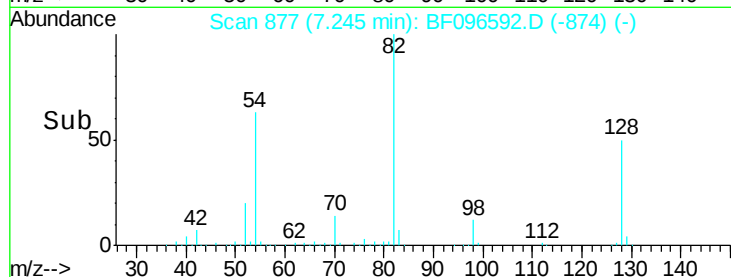
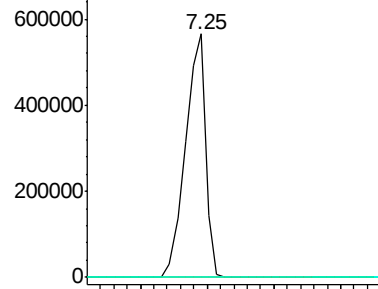
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096592.D

Acq: 10 Jul 2017 11:12

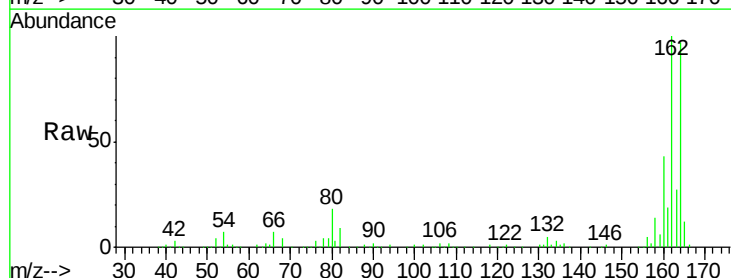
Tgt Ion:164 Resp: 227397

Ion Ratio Lower Upper

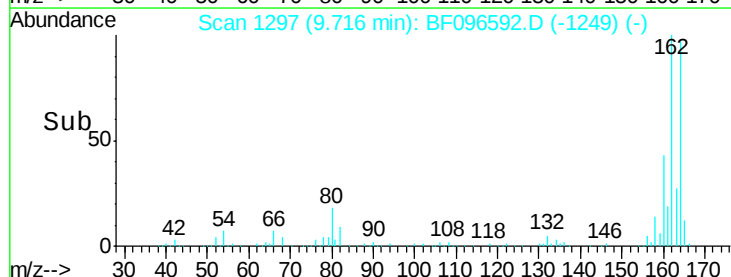
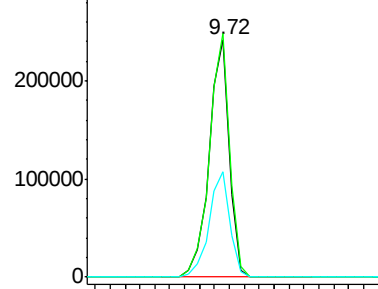
164 100

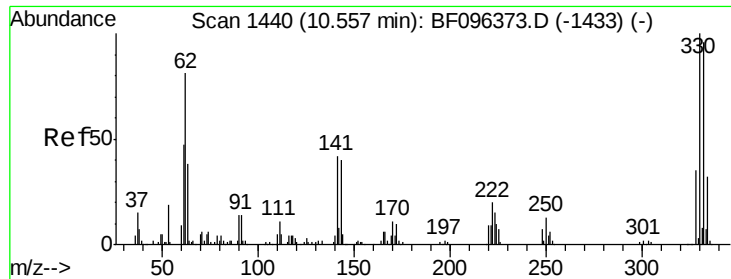
162 102.6 82.6 123.8

160 44.4 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

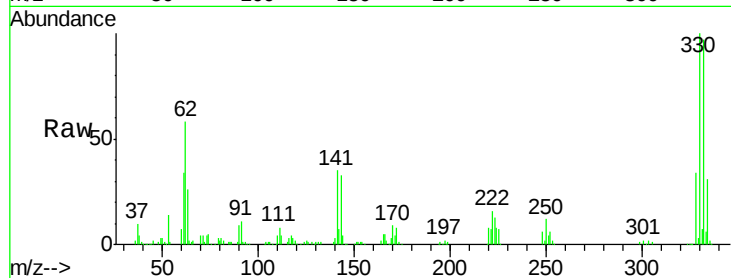




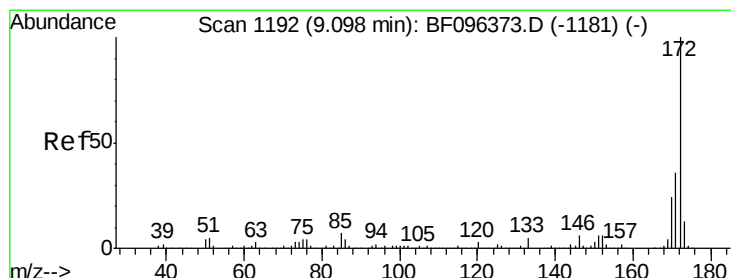
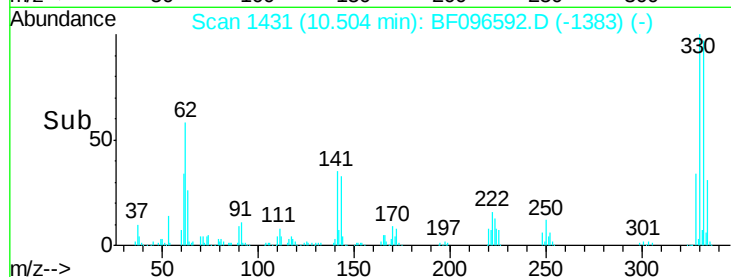
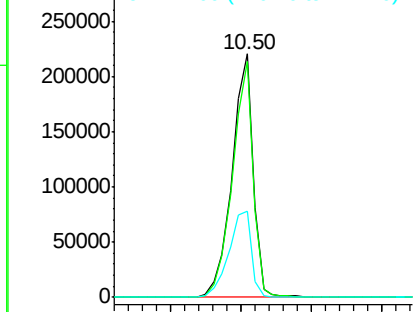
#41
 2,4,6-Tribromophenol
 Concen: 128.90 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096592.D
 Acq: 10 Jul 2017 11:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 228961
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 38.4 31.4 47.2

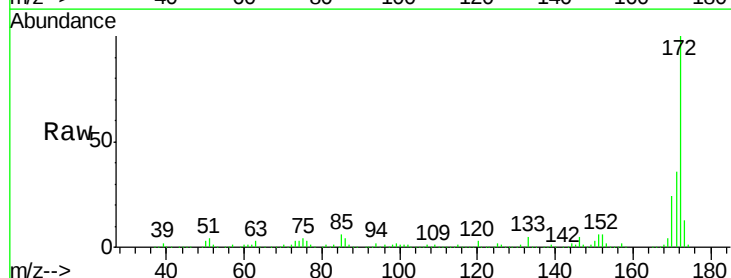


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

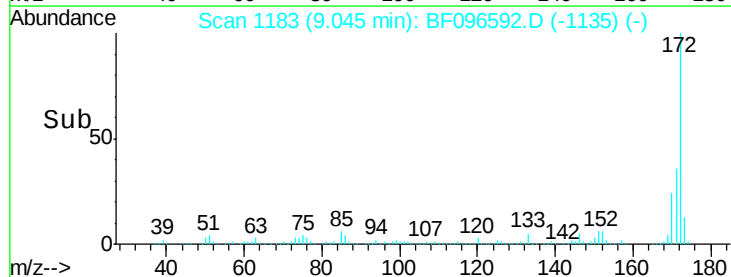
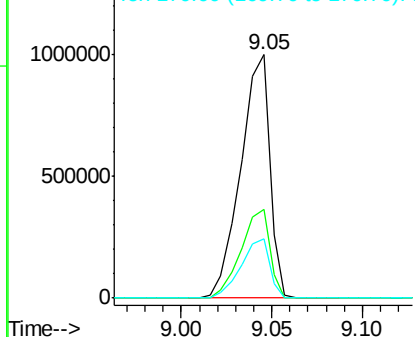


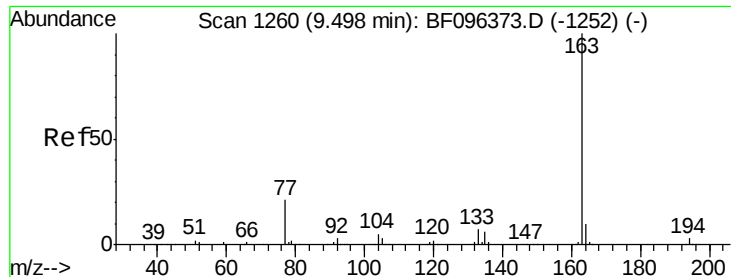
#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096592.D
 Acq: 10 Jul 2017 11:12

Tgt Ion:172 Resp: 1120039
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 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

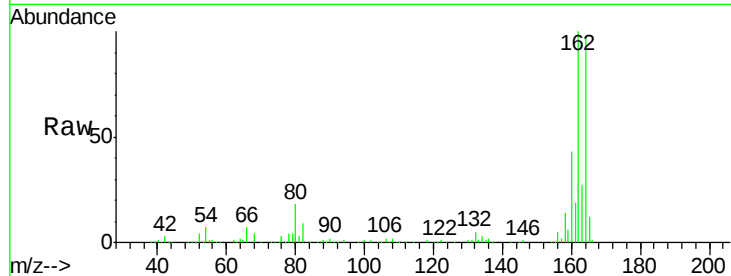




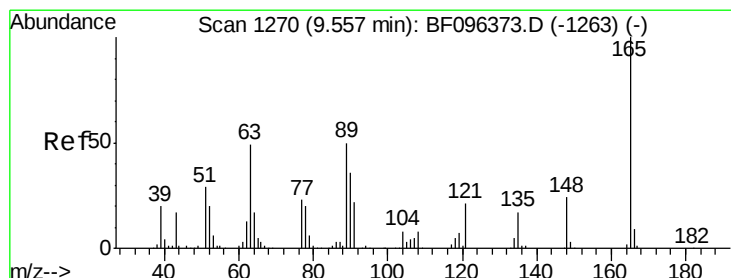
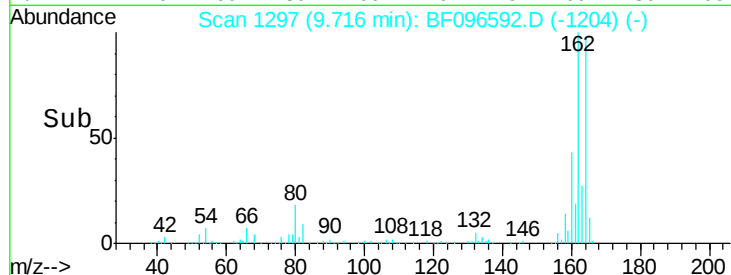
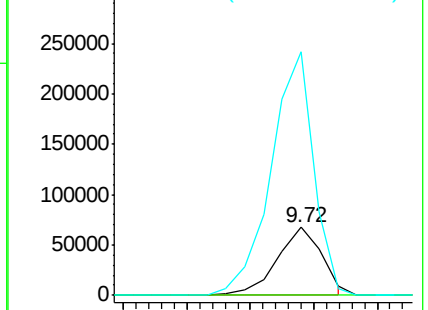
#49
Dimethylphthalate
Concen: 3.90 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.25 min
Lab File: BF096592.D
Acq: 10 Jul 2017 11:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 66183
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 359.7 8.4 12.6#

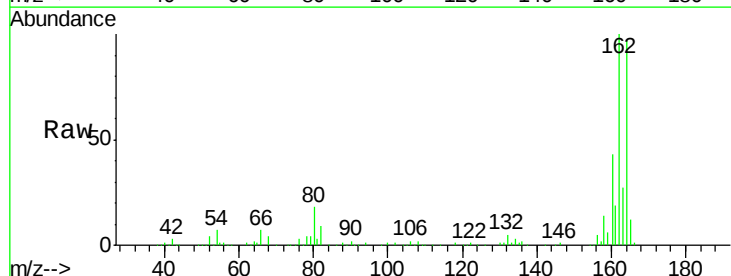


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

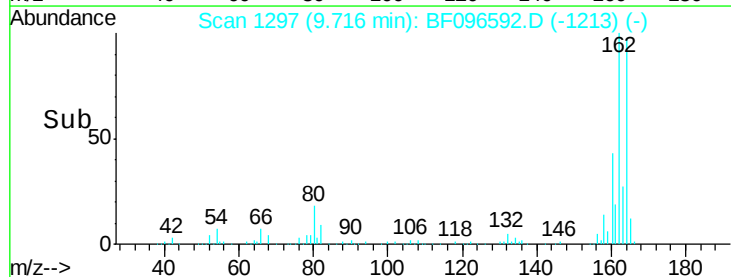
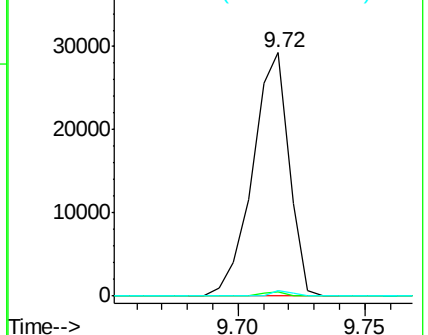


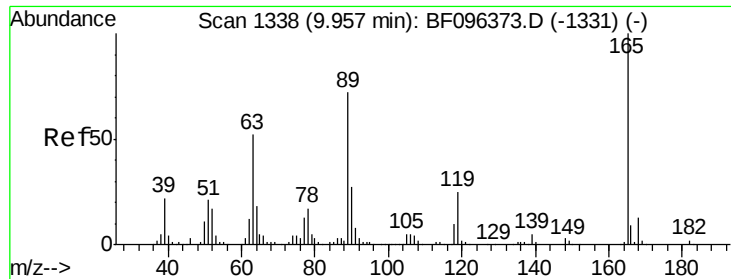
#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.19 min
Lab File: BF096592.D
Acq: 10 Jul 2017 11:12

Tgt Ion:165 Resp: 29402
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 2.1 37.1 55.7#



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

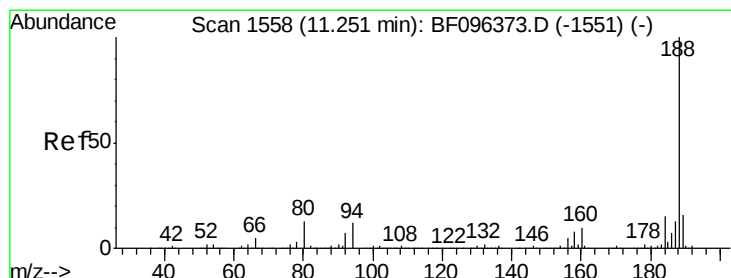
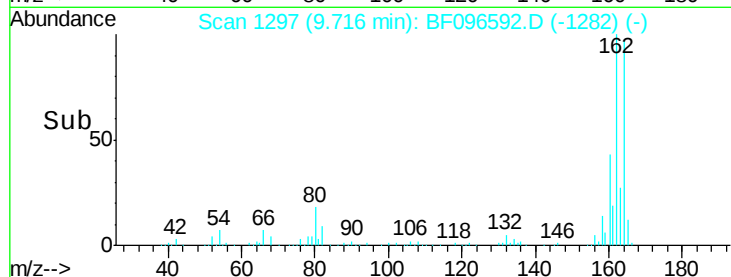
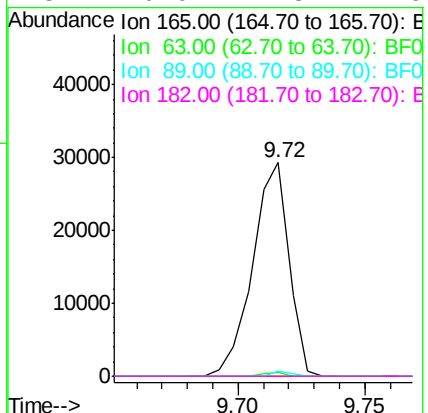
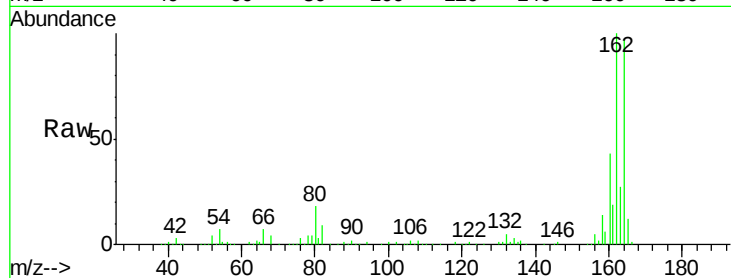




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096592.D
 Acq: 10 Jul 2017 11:12

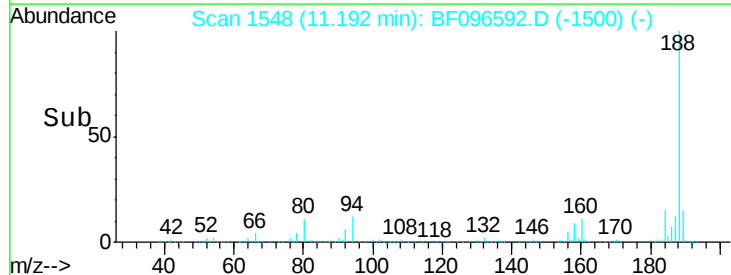
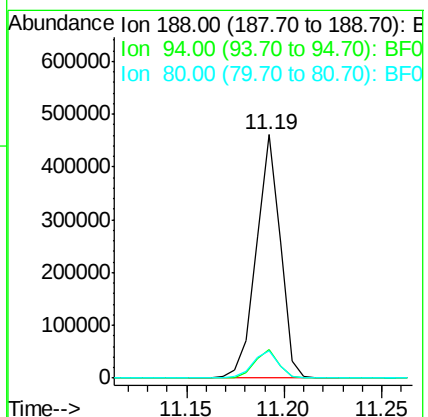
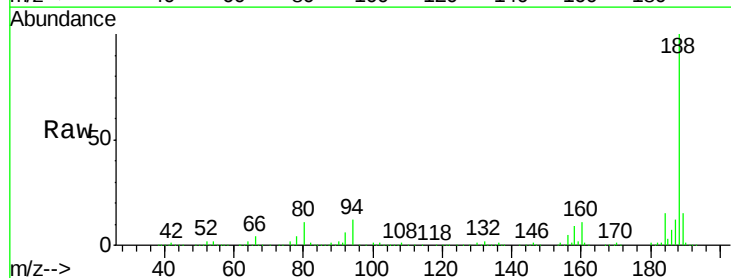
Instrument :
 BNA_F
 ClientSampleId :

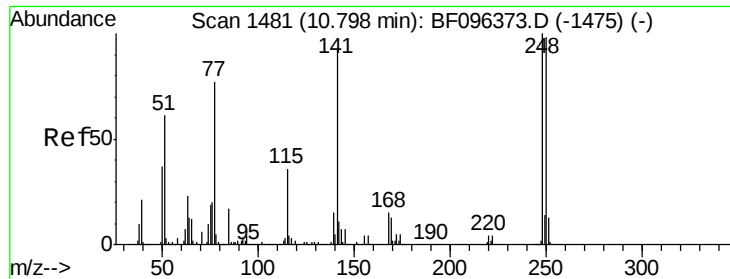
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096592.D
 Acq: 10 Jul 2017 11:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.4	10.2	15.2

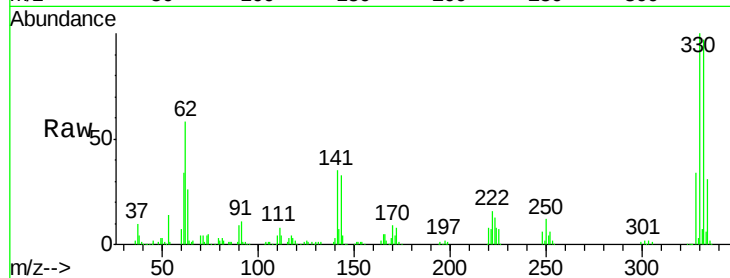




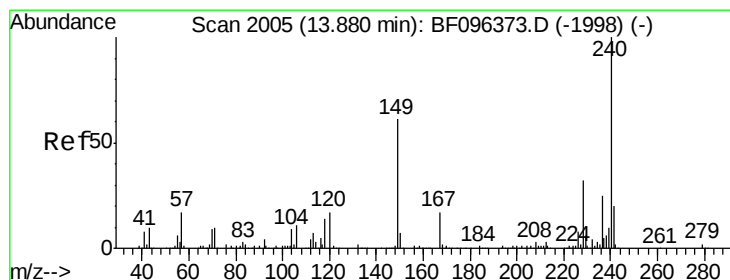
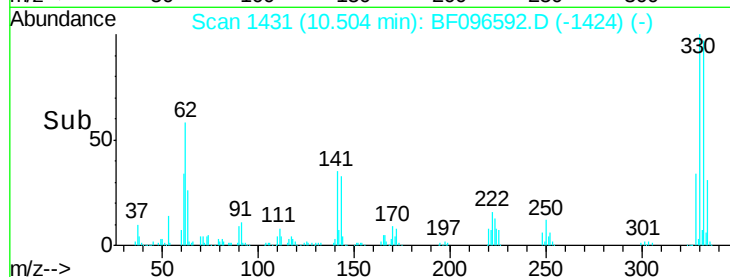
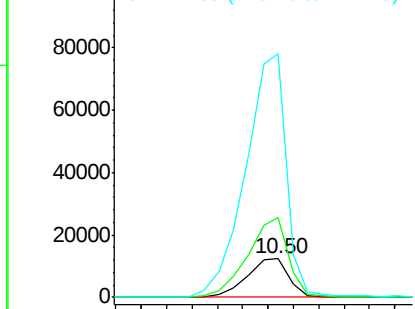
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096592.D
Acq: 10 Jul 2017 11:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14128
Ion Ratio Lower Upper
248 100
250 206.8 76.8 115.2#
141 628.5 68.6 103.0#

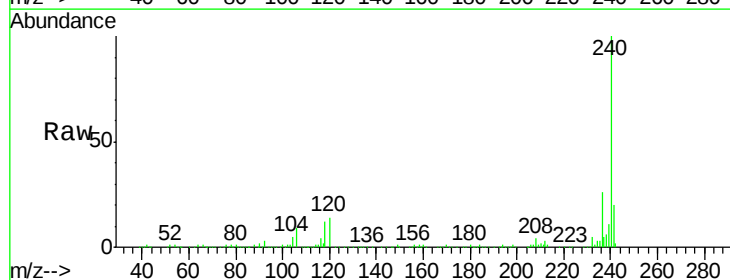


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

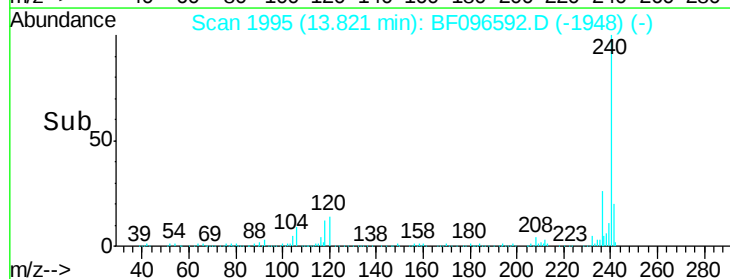
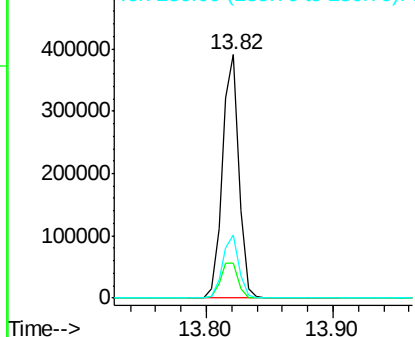


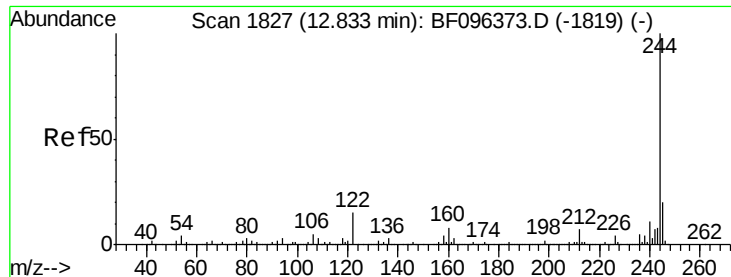
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096592.D
Acq: 10 Jul 2017 11:12

Tgt Ion:240 Resp: 355487
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 26.0 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: 58.80 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096592.D

Acq: 10 Jul 2017 11:12

Instrument :

BNA_F

ClientSampleId :

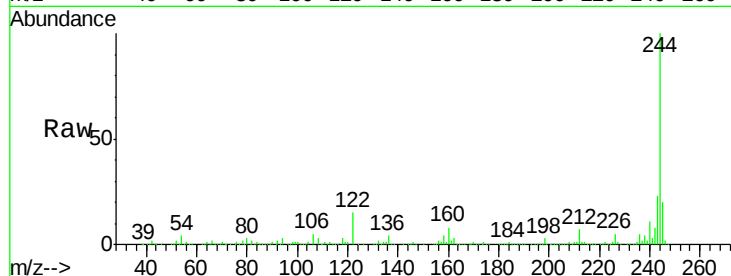
Tot Ion:244 Resp: 978132

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

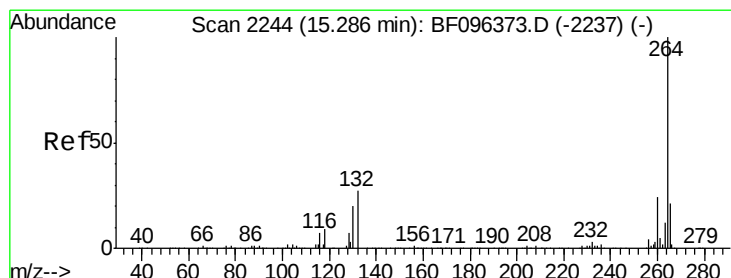
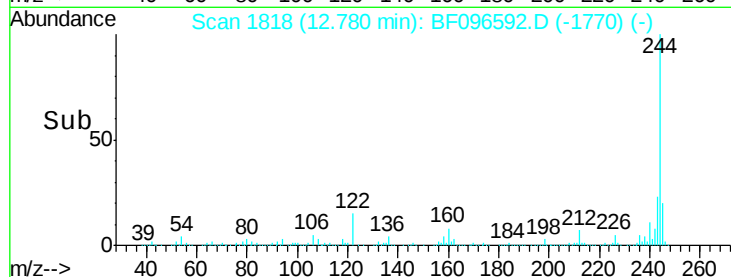
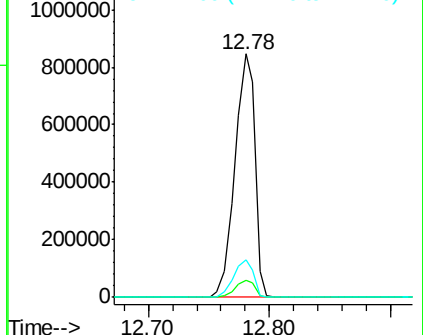
122 15.4 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096592.D

Acq: 10 Jul 2017 11:12

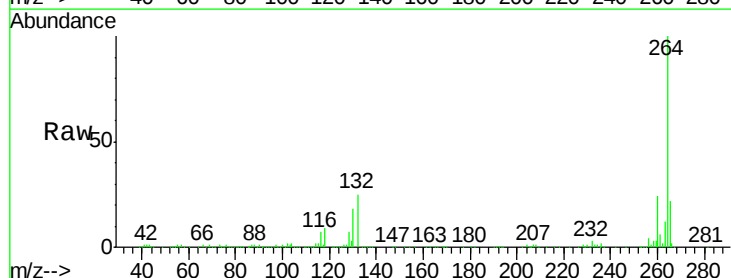
Tgt Ion:264 Resp: 261508

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.7 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

