

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096690.D
 Acq On : 12 Jul 2017 14:31
 Operator : SJ/JU
 Sample : PB100575BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 15:54:32 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

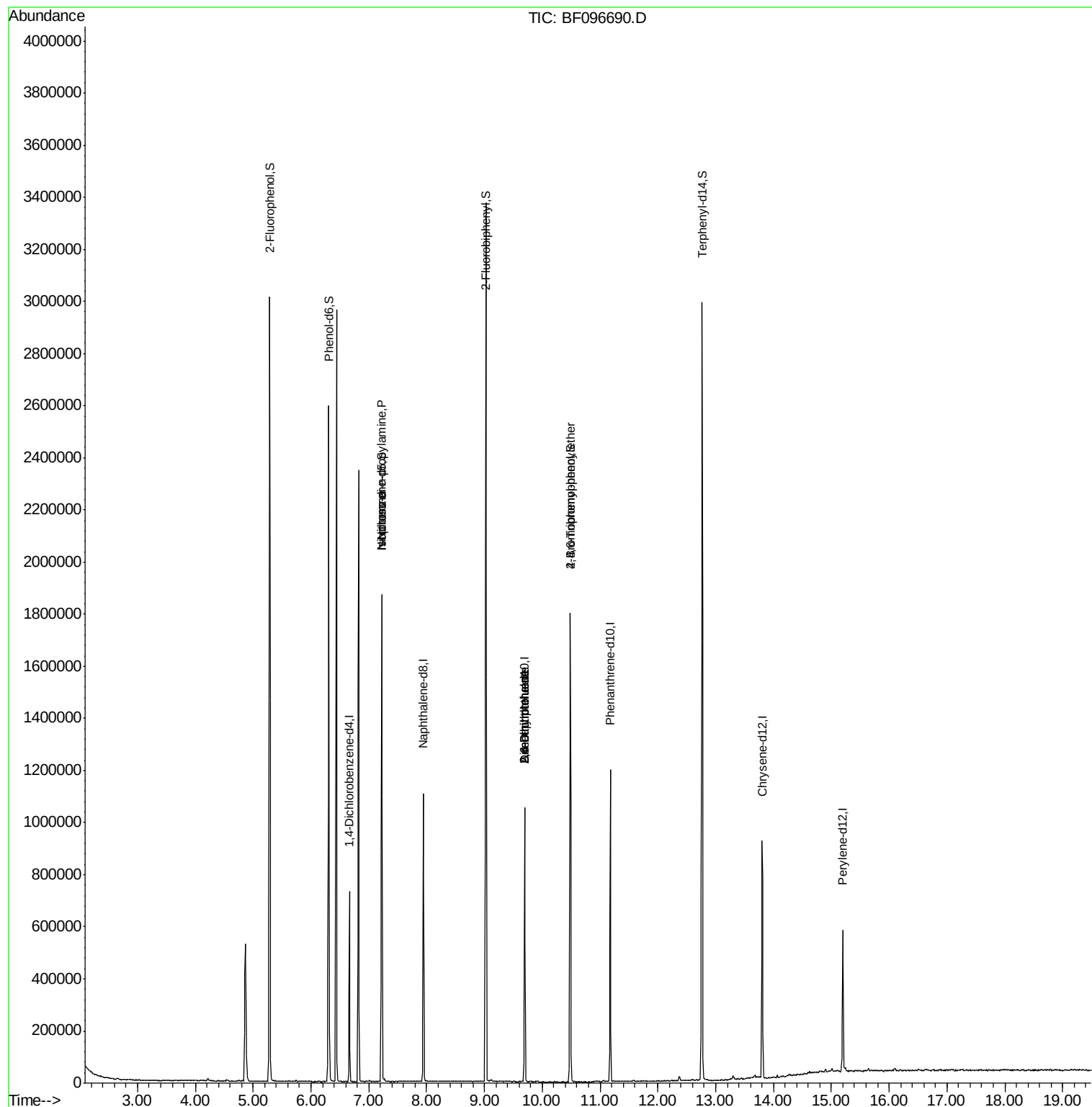
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	104717	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	523432	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	207772	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	417905	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	314496	20.00	ng	-0.04
86) Perylene-d12	15.20	264	224461	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	904245	127.45	ng	-0.02
7) Phenol-d6	6.32	99	1074760	123.22	ng	-0.03
23) Nitrobenzene-d5	7.23	82	652597	74.92	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	214018	131.87	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1301053	107.06	ng	-0.04
78) Terphenyl-d14	12.77	244	1126661	76.55	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	84794	16.319	ng	# 89
25) Isophorone	7.23	82	642077	38.017	ng	# 67
49) Dimethylphthalate	9.70	163	61644	3.974	ng	# 1
50) 2,6-Dinitrotoluene	9.70	165	27010	7.875	ng	# 34
56) 2,4-Dinitrotoluene	9.70	165	27010	6.219	ng	# 33
66) 4-Bromophenyl-phenylether	10.49	248	13574	3.337	ng	# 1

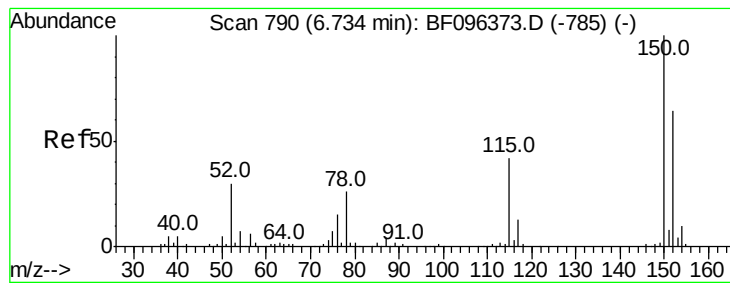
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
Data File : BF096690.D
Acq On : 12 Jul 2017 14:31
Operator : SJ/JU
Sample : PB100575BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 12 15:54:32 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



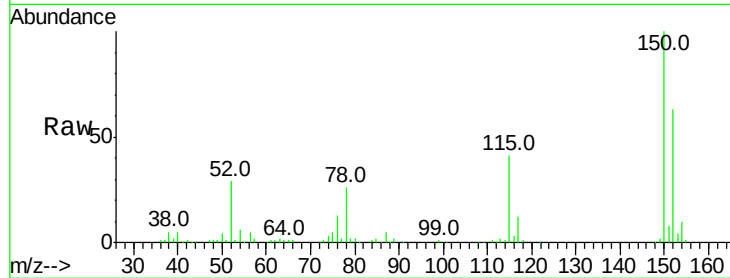


#1

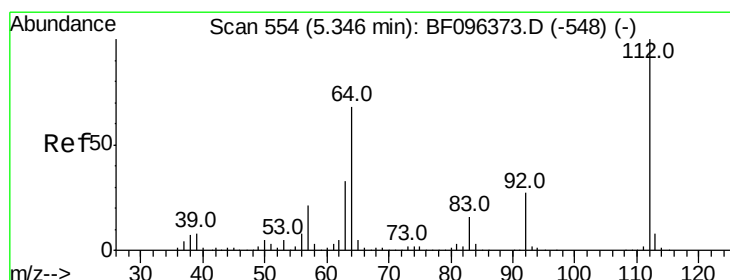
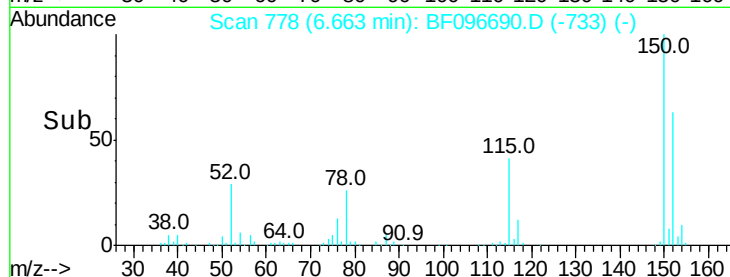
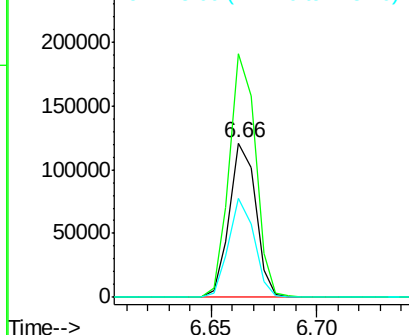
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096690.D
Acq: 12 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104717
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 64.3 52.2 78.2



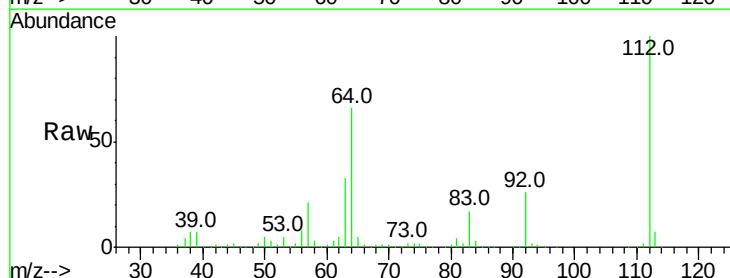
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



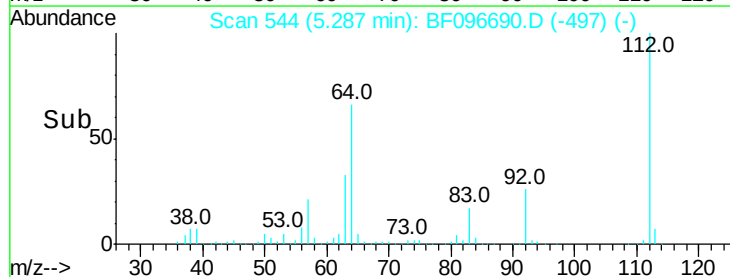
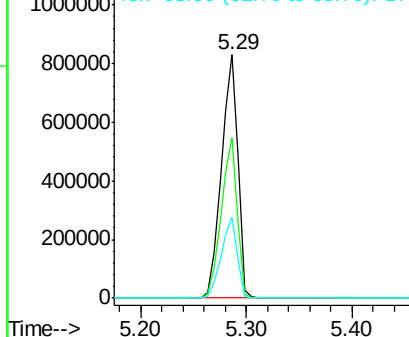
#5

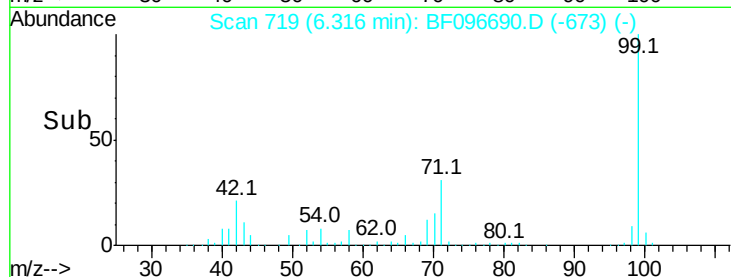
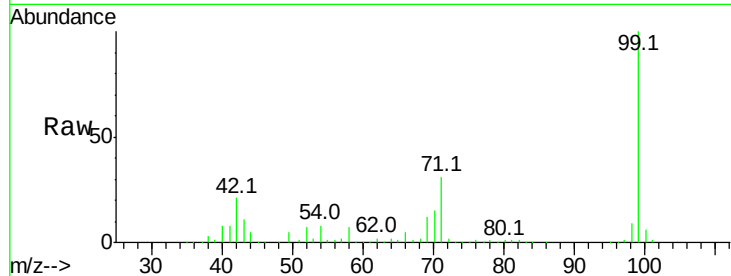
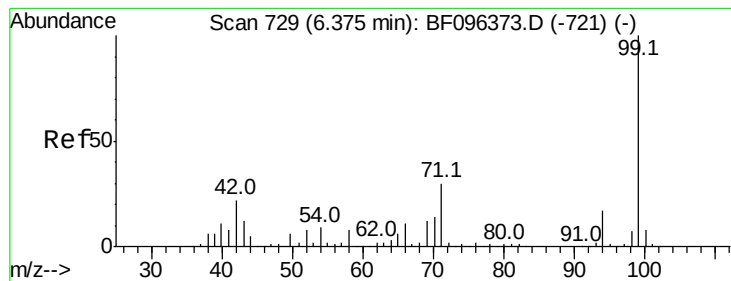
2-Fluorophenol
Concen: 127.452 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF096690.D
Acq: 12 Jul 2017 14:31

Tgt Ion:112 Resp: 904245
Ion Ratio Lower Upper
112 100
64 66.1 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: 123.222 ng

RT: 6.32 min Scan# 719

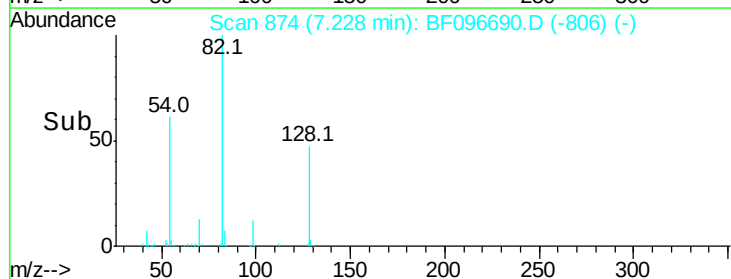
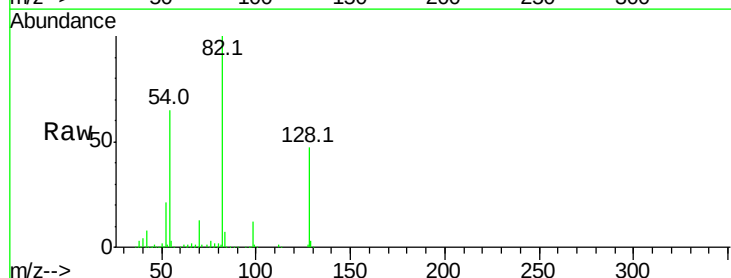
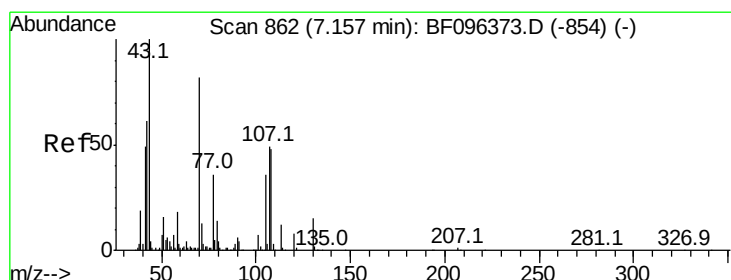
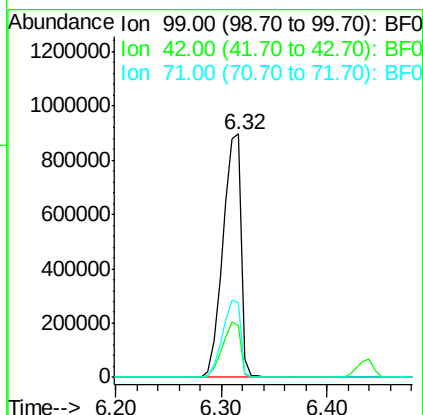
Delta R.T. -0.03 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Tot Ion: 99 Resp: 1074760

Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.5	20.3#
71	30.9	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.319 ng

RT: 7.23 min Scan# 874

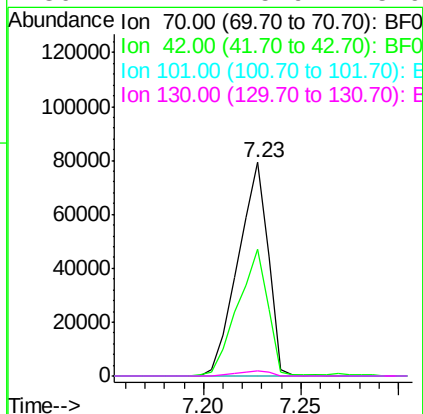
Delta R.T. 0.10 min

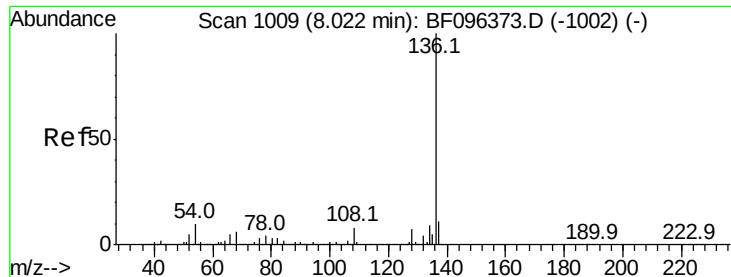
Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Tgt Ion: 70 Resp: 84794

Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

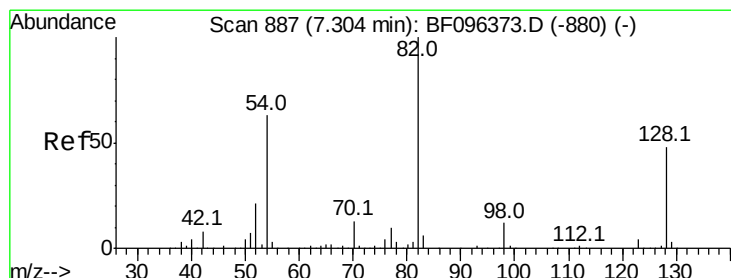
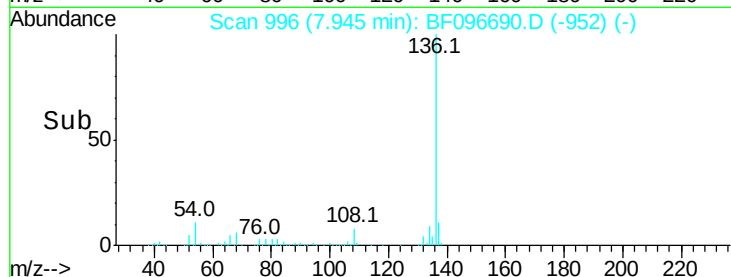
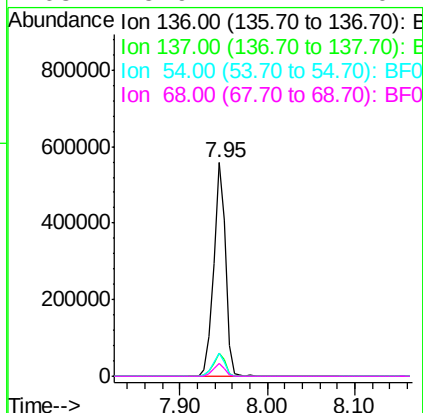
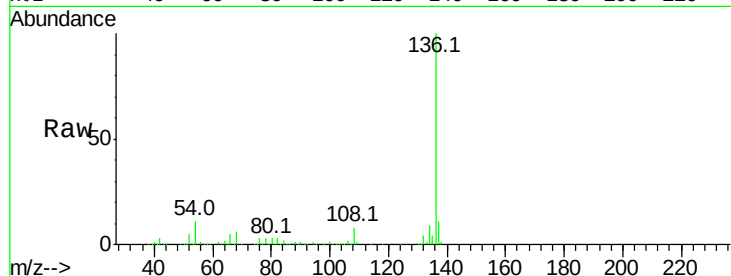




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF096690.D
Acq: 12 Jul 2017 14:31

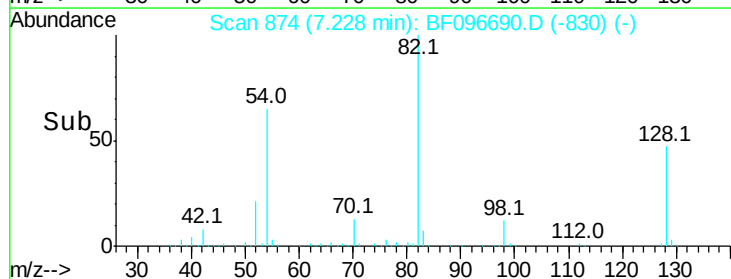
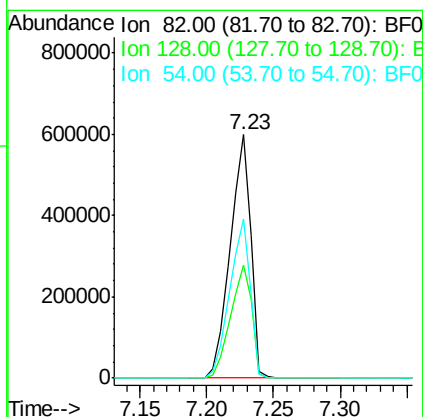
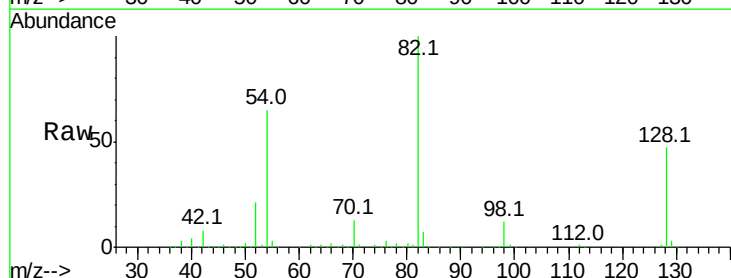
Instrument :
BNA_F
ClientSampleId :

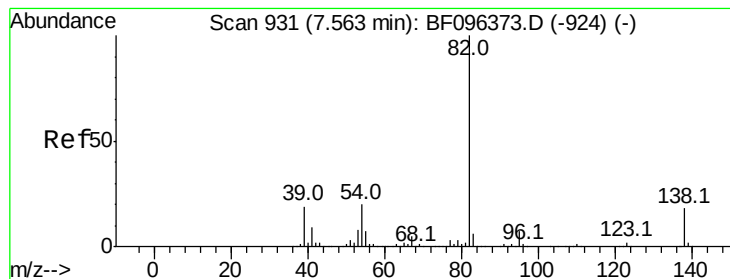
Tot Ion:	136	Resp:	523432
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.6	4.9	7.3#
68	5.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 74.919 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096690.D
Acq: 12 Jul 2017 14:31

Tgt Ion:	82	Resp:	652597
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	65.3	42.2	63.2#





#25

Isophorone

Concen: 38.017 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.30 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Instrument :

BNA_F

ClientSampleId :

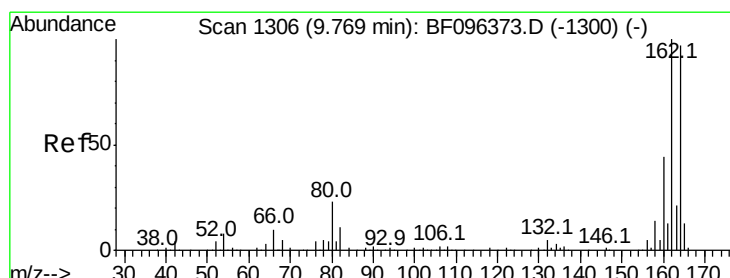
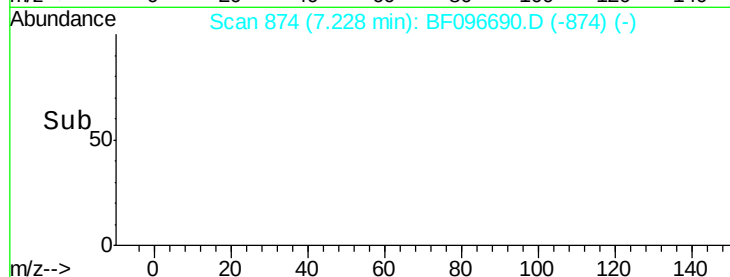
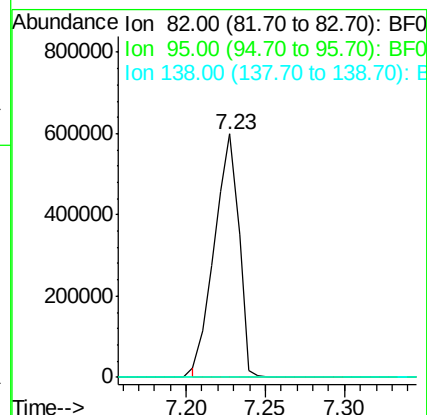
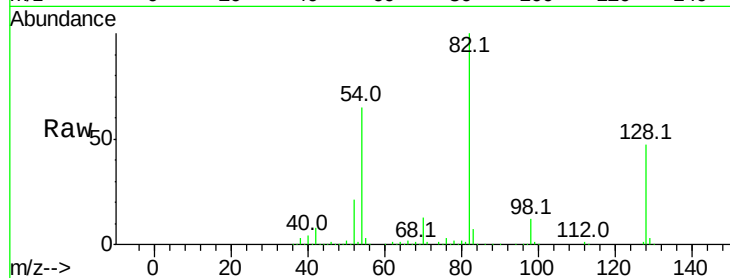
Tot Ion: 82 Resp: 642077

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

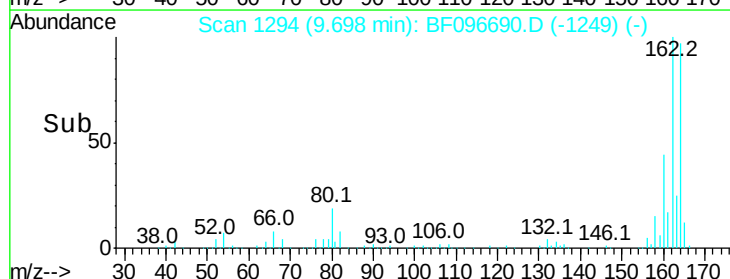
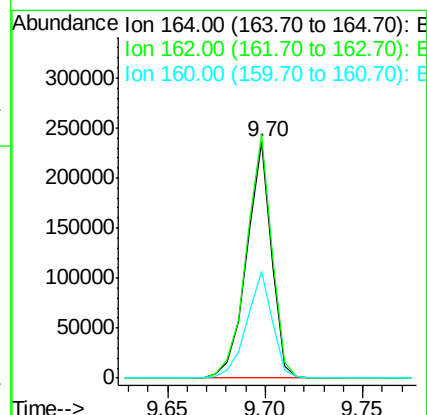
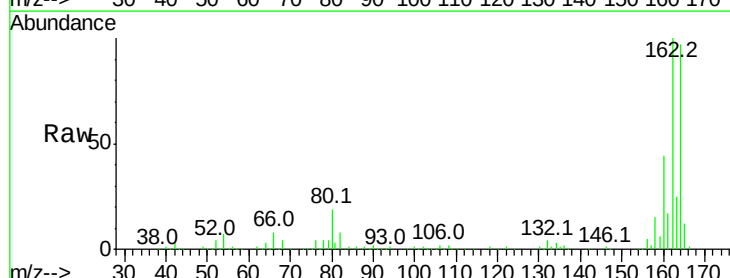
Tgt Ion:164 Resp: 207772

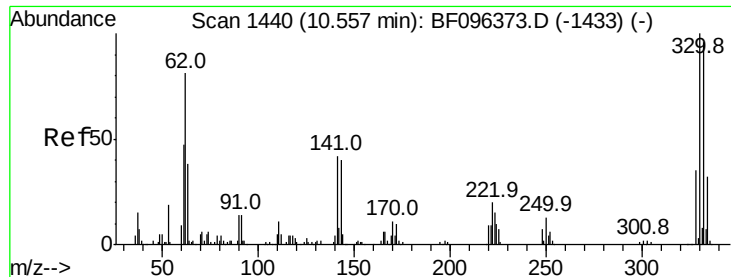
Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 45.2 36.2 54.2

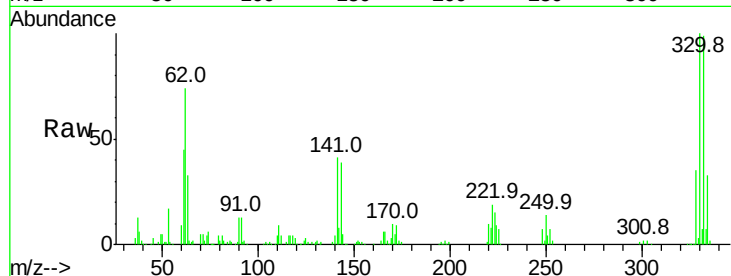




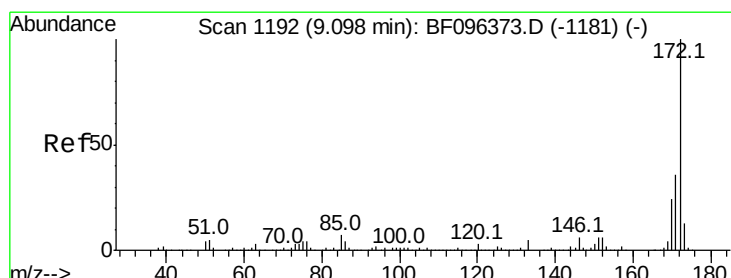
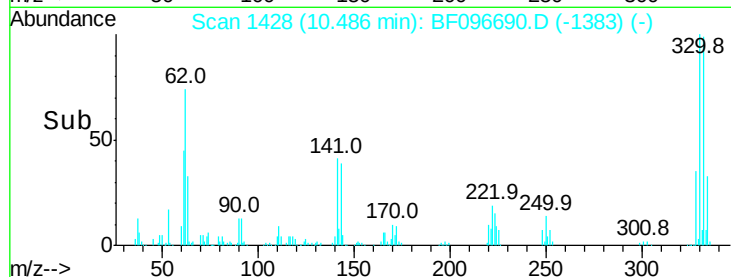
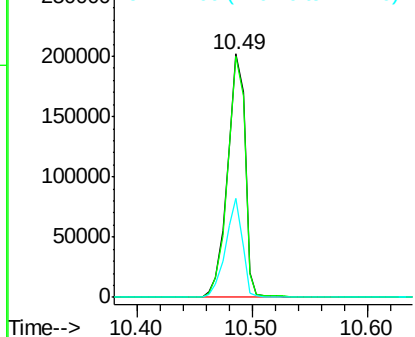
#41
 2,4,6-Tribromophenol
 Concen: 131.869 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096690.D
 Acq: 12 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 214018
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.4 31.4 47.2

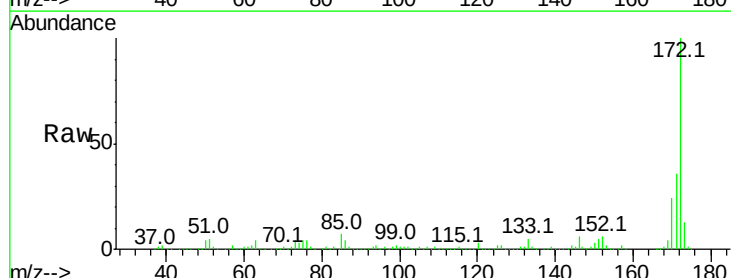


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

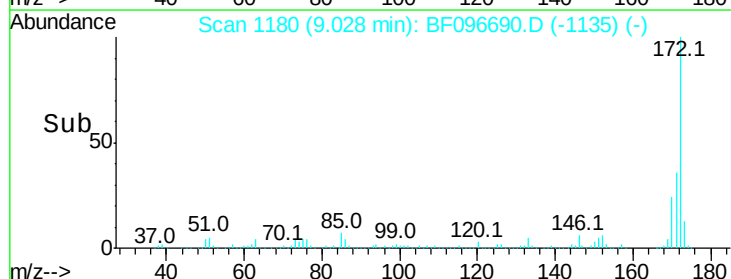
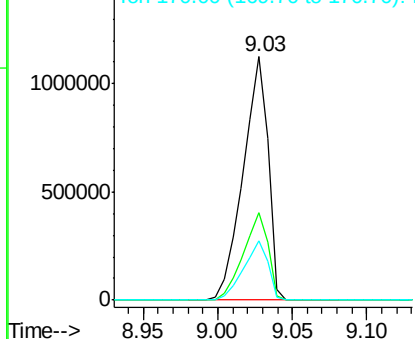


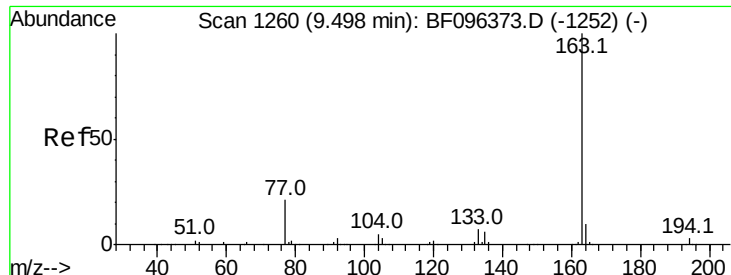
#44
 2-Fluorobiphenyl
 Concen: 107.065 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096690.D
 Acq: 12 Jul 2017 14:31

Tgt Ion:172 Resp: 1301053
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 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: 3.974 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.23 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Instrument :

BNA_F

ClientSampleId :

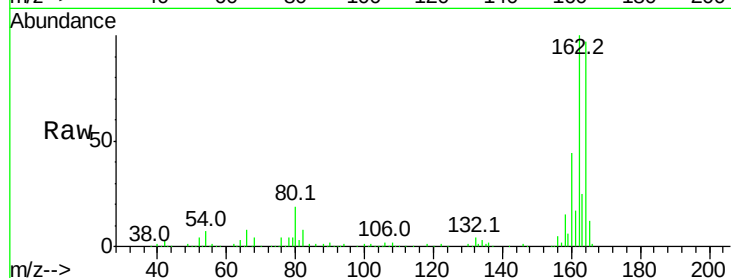
Tot Ion:163 Resp: 61644

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

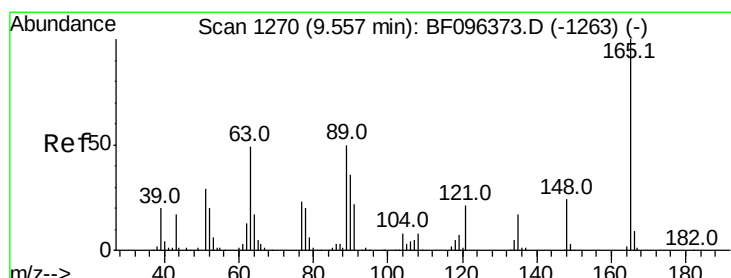
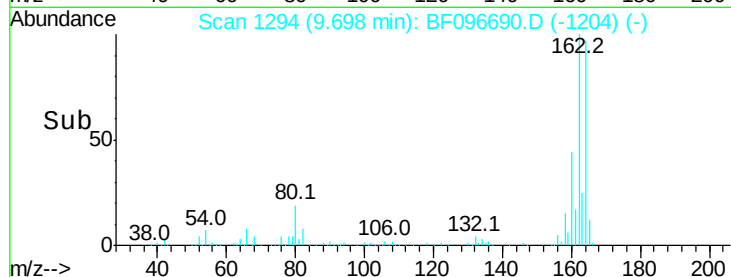
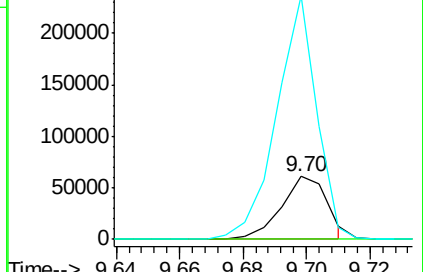
164 386.2 8.4 12.6#



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: 7.875 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.18 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

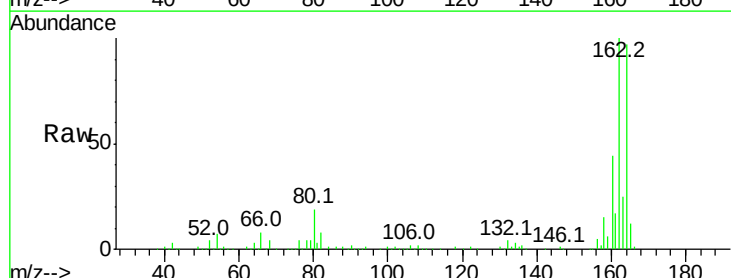
Tgt Ion:165 Resp: 27010

Ion Ratio Lower Upper

165 100

63 1.6 34.3 51.5#

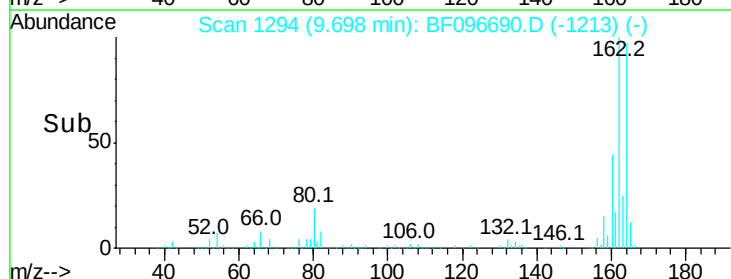
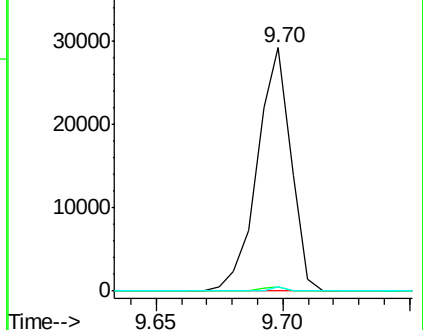
89 1.5 37.1 55.7#

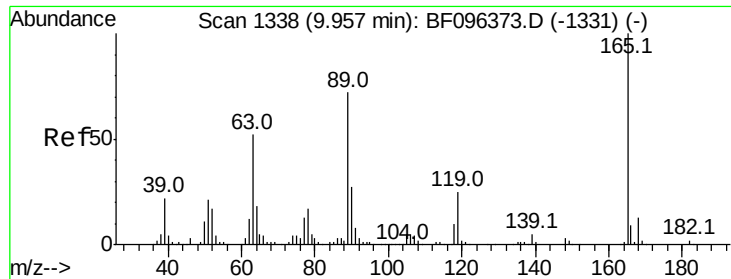


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

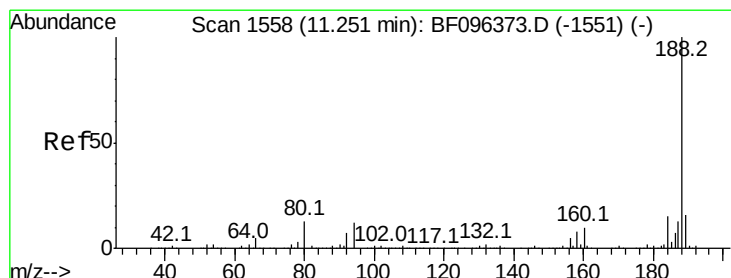
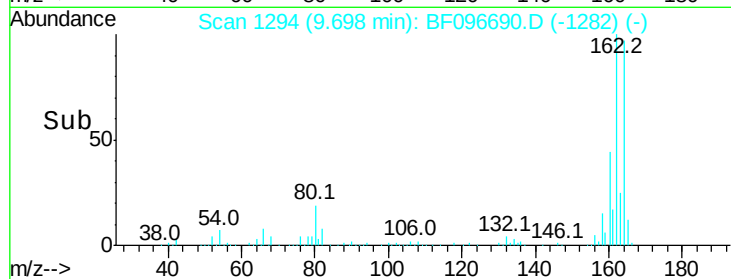
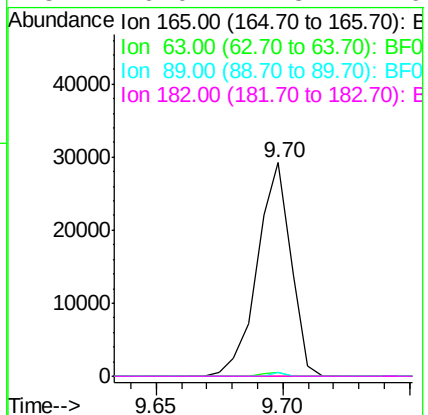
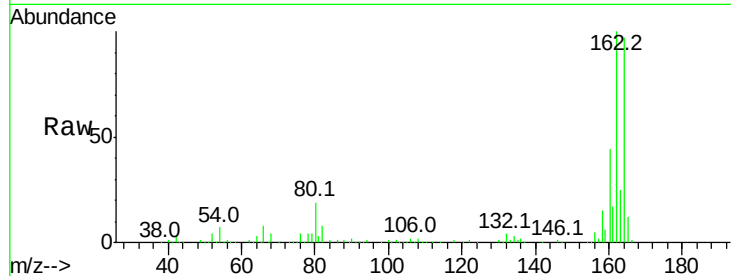




#56
 2,4-Dinitrotoluene
 Concen: 6.219 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096690.D
 Acq: 12 Jul 2017 14:31

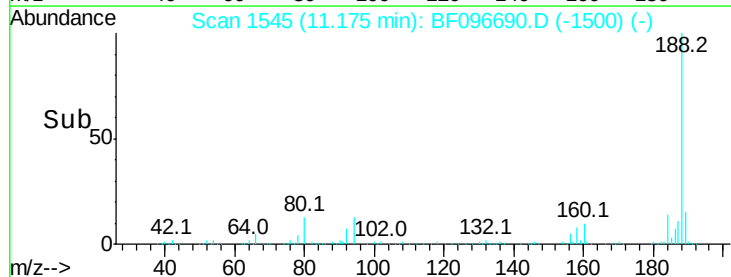
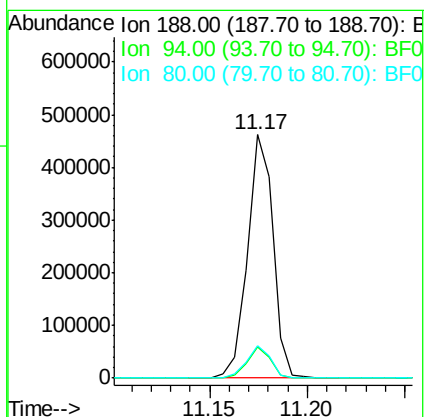
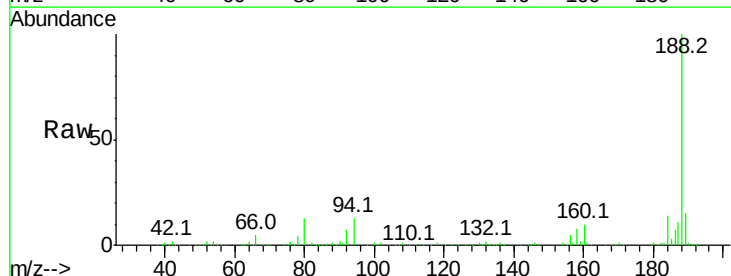
Instrument :
 BNA_F
 ClientSampleId :

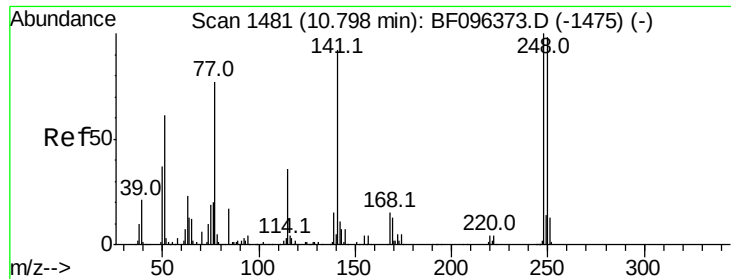
Tot Ion:165 Resp: 27010
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.5 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.04 min
 Lab File: BF096690.D
 Acq: 12 Jul 2017 14:31

Tgt Ion:188 Resp: 417905
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.4 14.2
 80 13.1 10.2 15.2

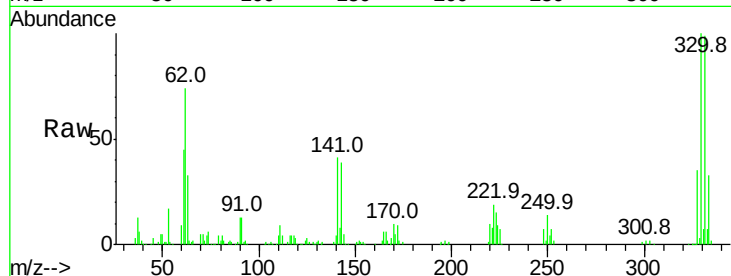




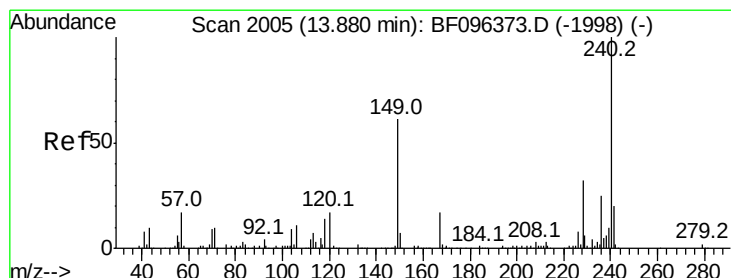
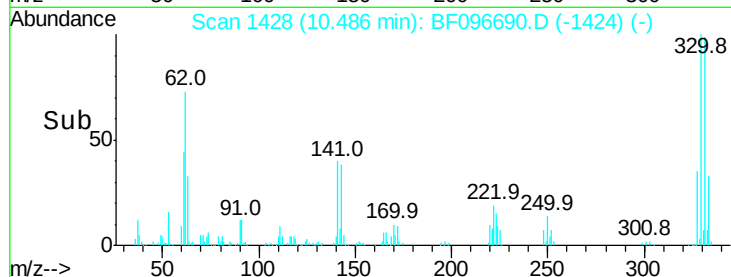
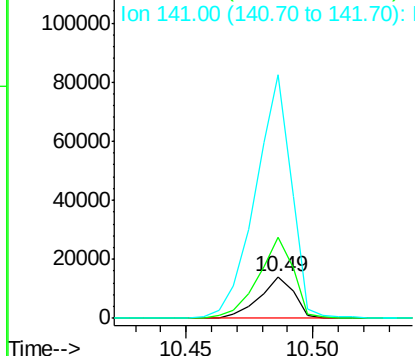
#66
4-Bromophenyl-phenylether
Concen: 3.337 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.28 min
Lab File: BF096690.D
Acq: 12 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13574
Ion Ratio Lower Upper
248 100
250 196.4 76.8 115.2#
141 586.1 68.6 103.0#

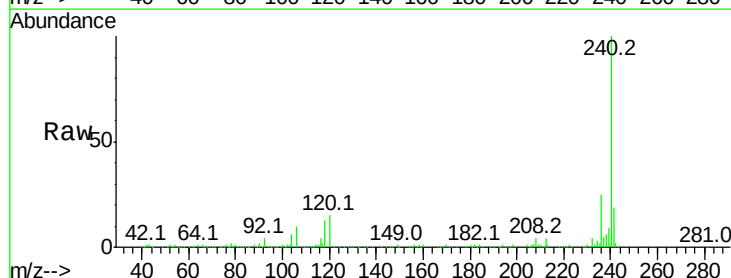


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

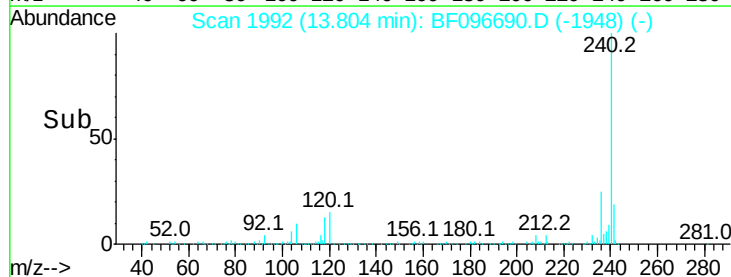
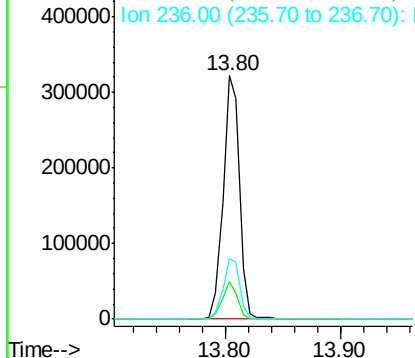


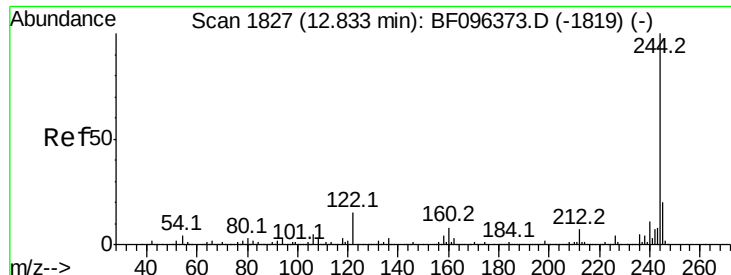
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096690.D
Acq: 12 Jul 2017 14:31

Tgt Ion:240 Resp: 314496
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 25.0 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: 76.551 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.03 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Instrument :

BNA_F

ClientSampleId :

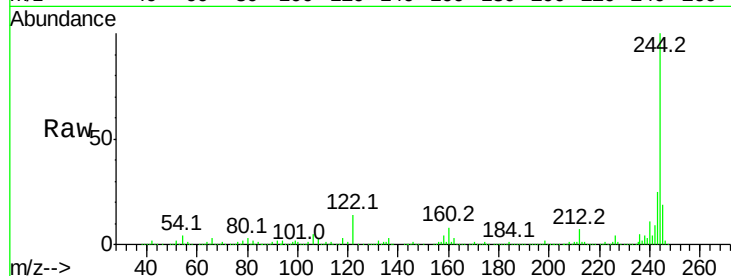
Tot Ion:244 Resp: 1126661

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

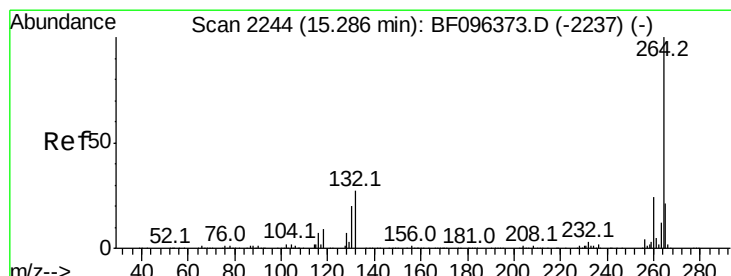
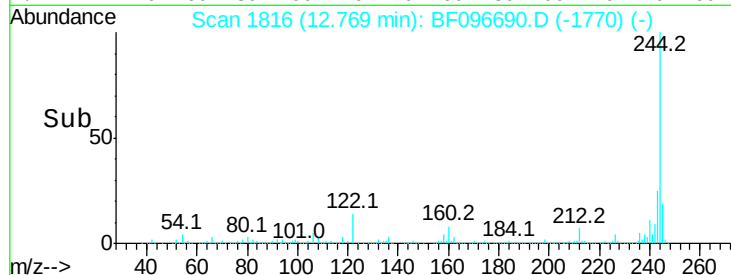
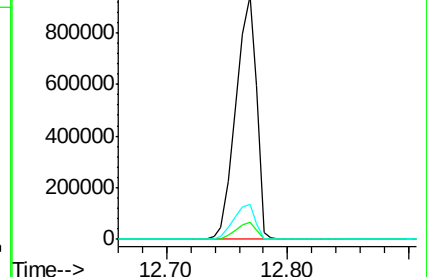
122 14.4 10.3 15.5



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: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

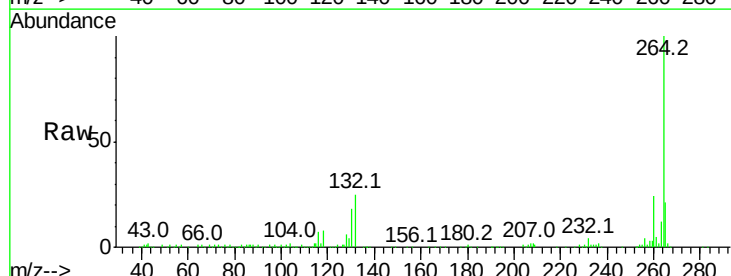
Tgt Ion:264 Resp: 224461

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.8 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

