

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096407.D
 Acq On : 2 Jul 2017 11:07
 Operator : SJ/MA
 Sample : PB100306BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:29:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

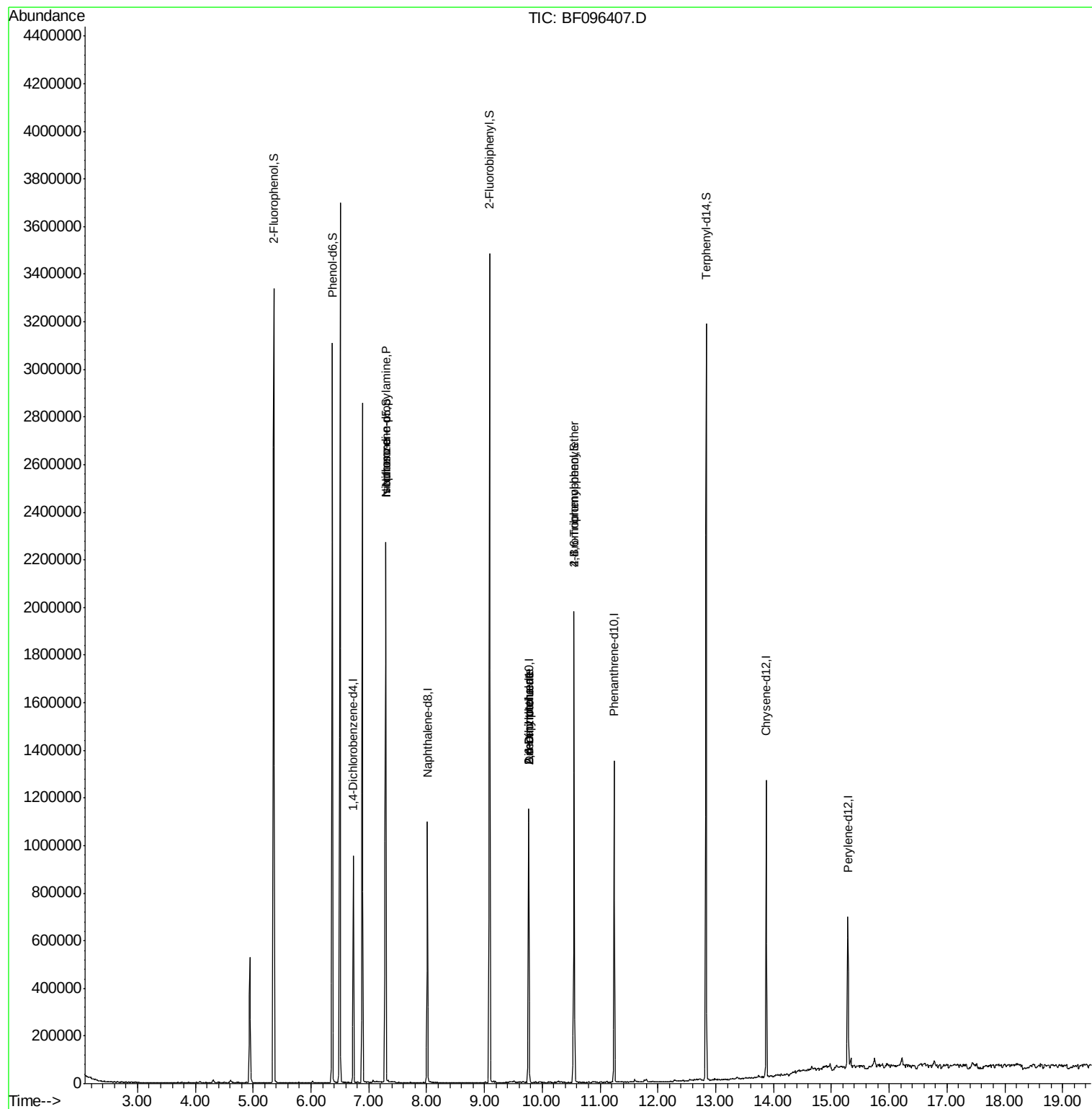
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	144110	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	564406	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	259451	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	461619	20.00	ng	0.00
75) Chrysene-d12	13.87	240	388428	20.00	ng	0.00
86) Perylene-d12	15.29	264	257703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	962390	98.57	ng	0.01
7) Phenol-d6	6.37	99	1273583	106.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	737737	78.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	249697	123.21	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1253333	82.59	ng	0.00
78) Terphenyl-d14	12.83	244	1095457	60.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	97377	13.62	ng	# 89
25) Isophorone	7.29	82	725643	39.85	ng	# 67
49) Dimethylphthalate	9.77	163	75287	3.89	ng	# 1
50) 2,6-Dinitrotoluene	9.76	165	33186	7.75	ng	# 33
56) 2,4-Dinitrotoluene	9.76	165	33186	6.12	ng	# 33
66) 4-Bromophenyl-phenylether	10.55	248	16826	3.74	ng	# 1

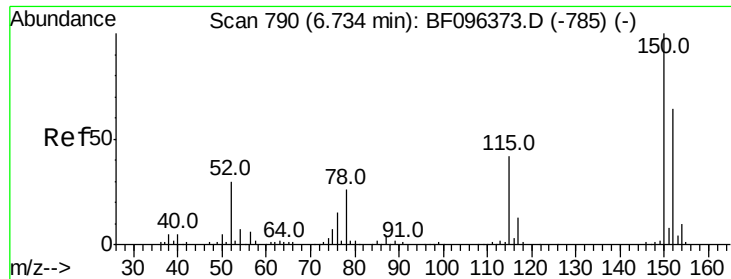
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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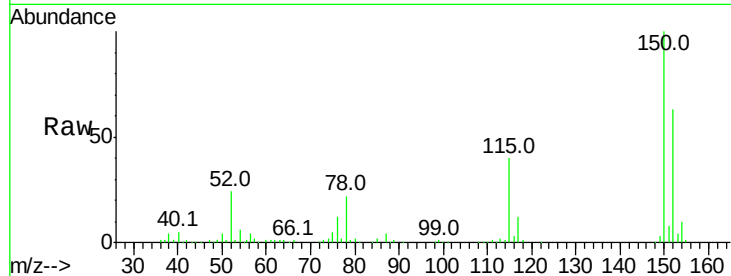


#1

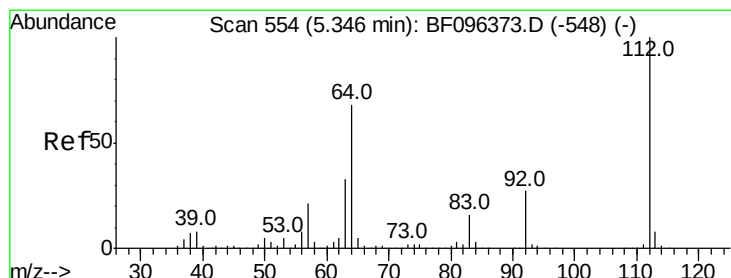
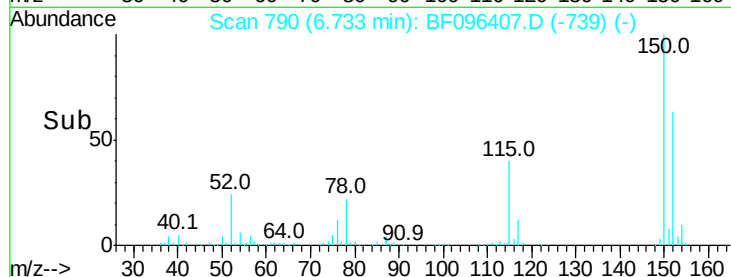
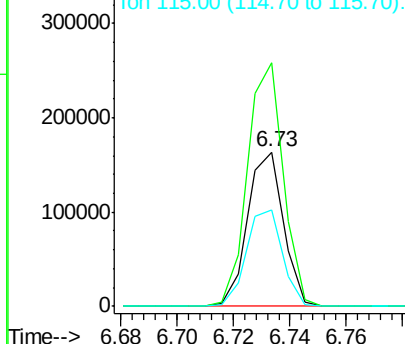
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144110
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.3 52.2 78.2



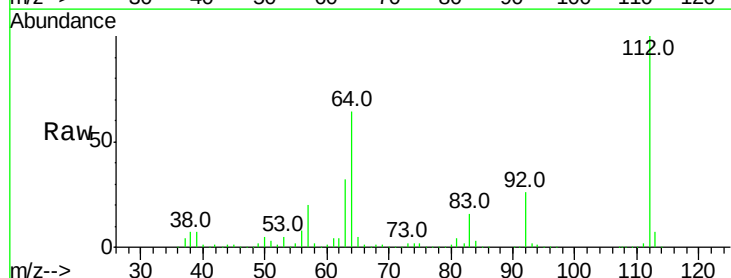
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



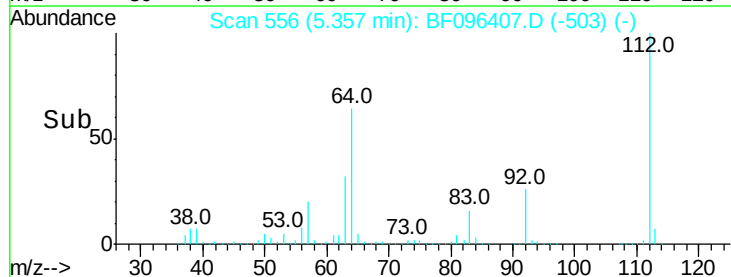
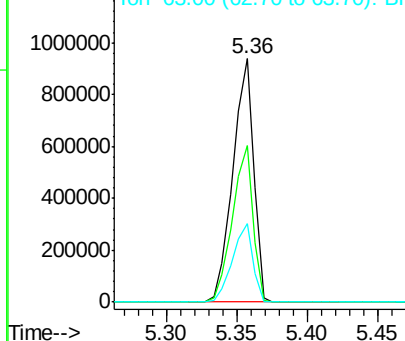
#5

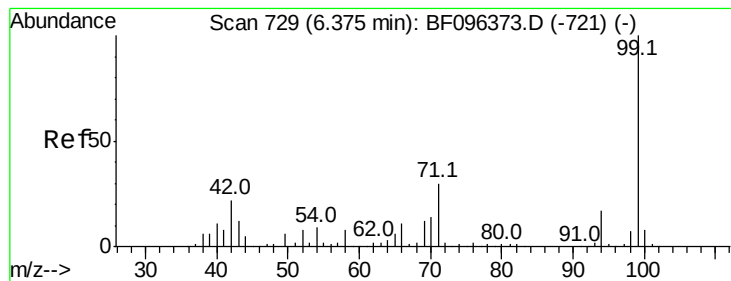
2-Fluorophenol
Concen: 98.57 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Tgt Ion:112 Resp: 962390
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 32.2 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: 106.10 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096407.D

Acq: 2 Jul 2017 11:07

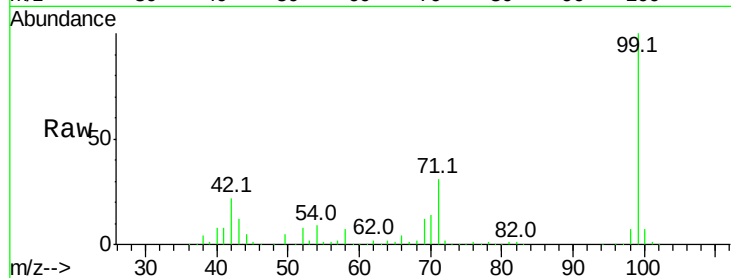
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1273583

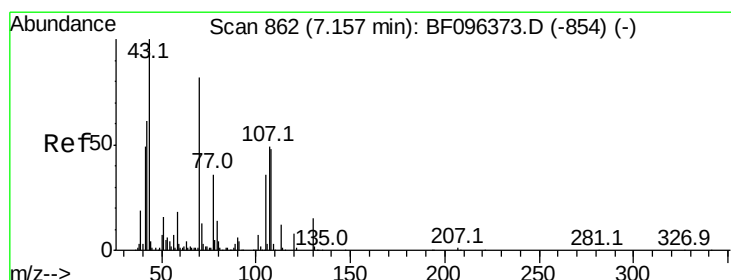
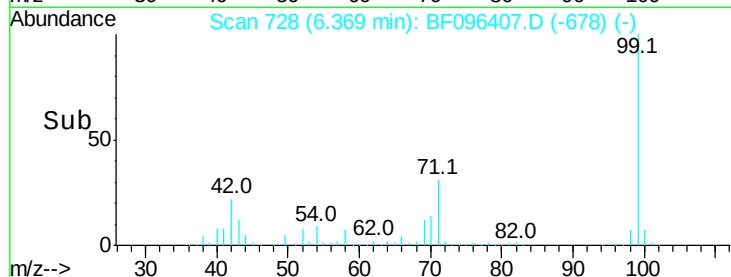
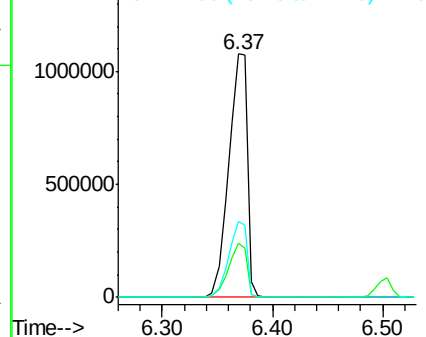
Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.3	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.62 ng

RT: 7.29 min Scan# 885

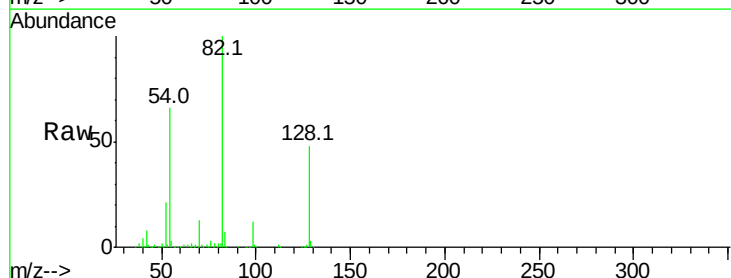
Delta R.T. 0.14 min

Lab File: BF096407.D

Acq: 2 Jul 2017 11:07

Tgt Ion: 70 Resp: 97377

Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

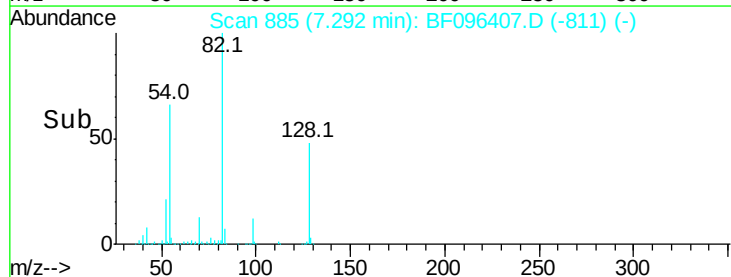
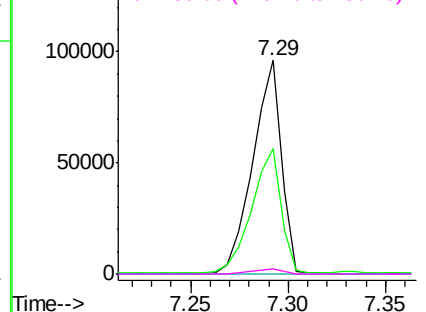


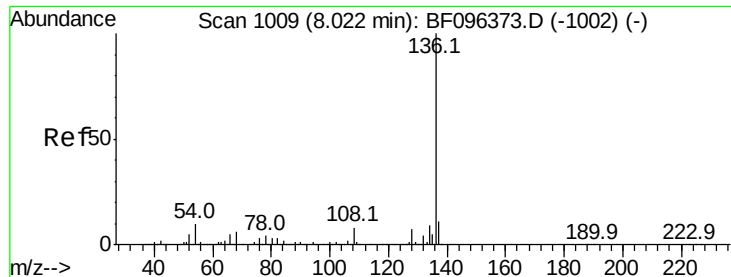
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

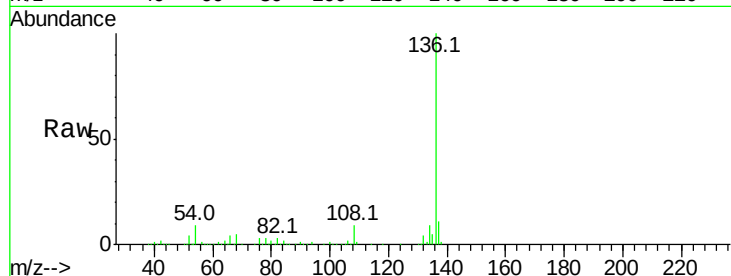




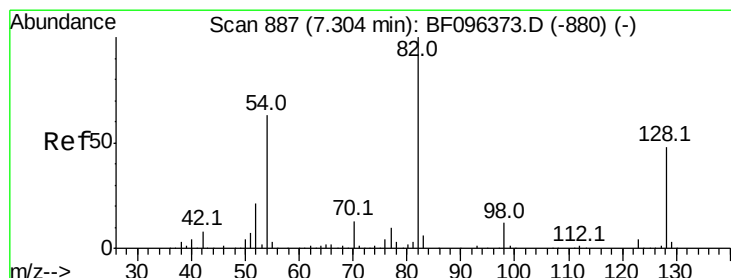
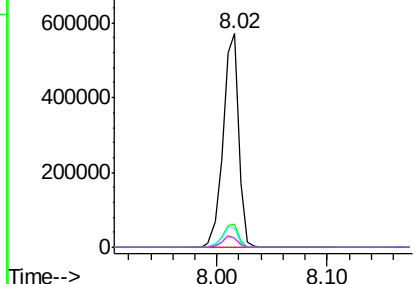
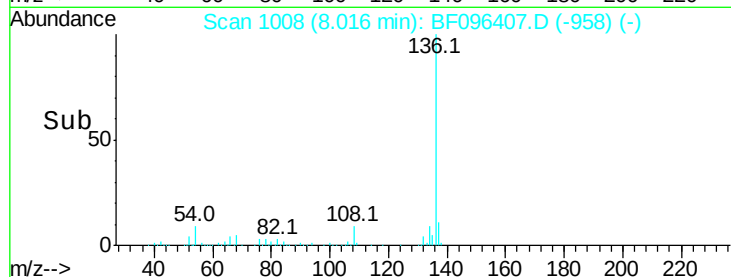
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	564406
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.9	4.9	7.3#
68	4.5	4.1	6.1

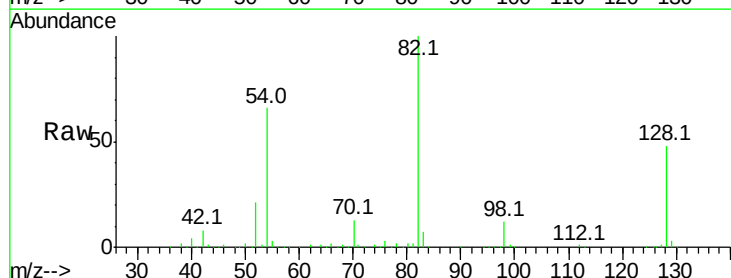


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

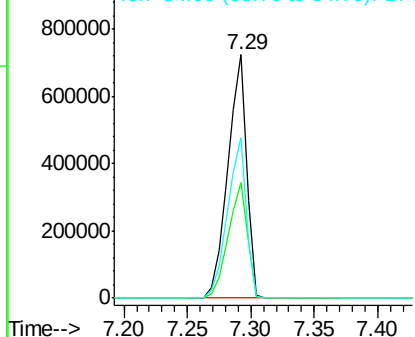
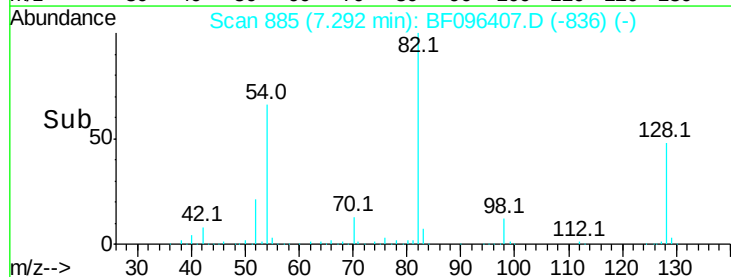


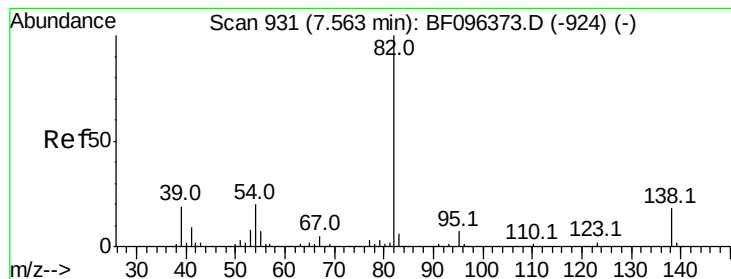
#23
Nitrobenzene-d5
Concen: 78.54 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Tgt Ion:	82	Resp:	737737
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	65.8	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: 39.85 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096407.D

Acq: 2 Jul 2017 11:07

Instrument :

BNA_F

ClientSampled :

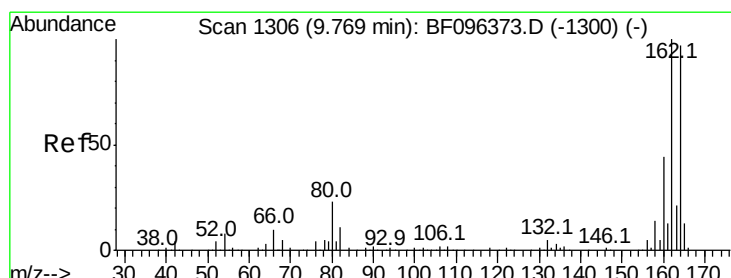
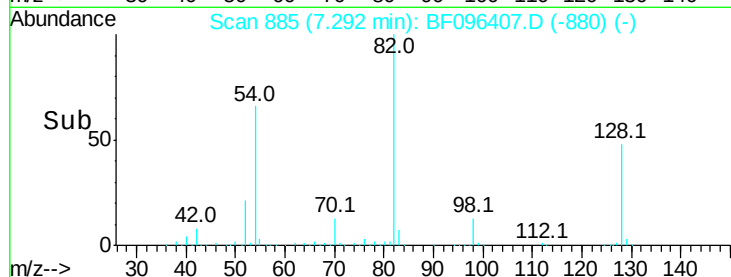
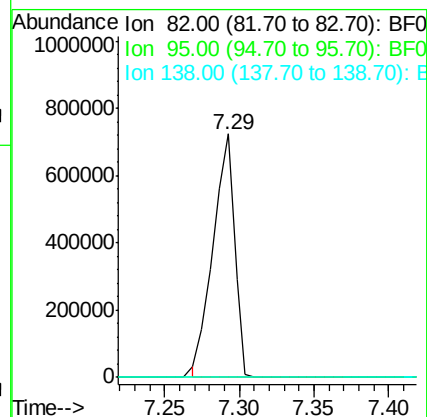
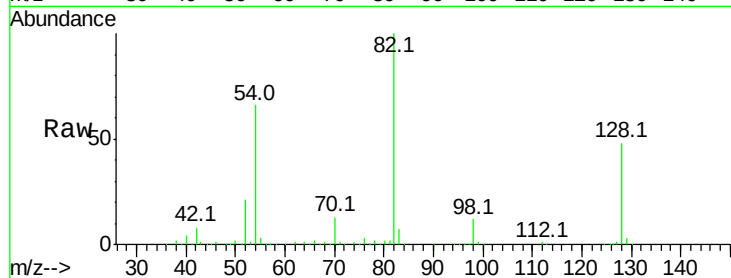
Tot Ion: 82 Resp: 725643

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096407.D

Acq: 2 Jul 2017 11:07

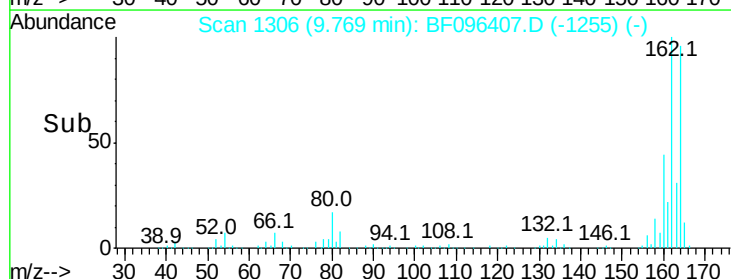
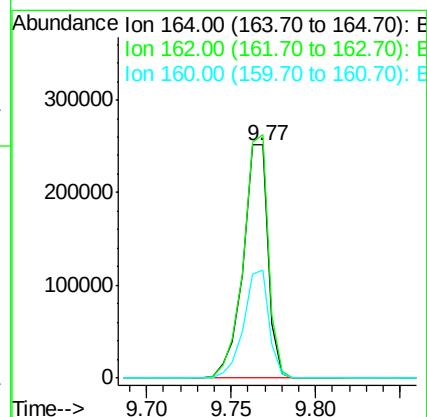
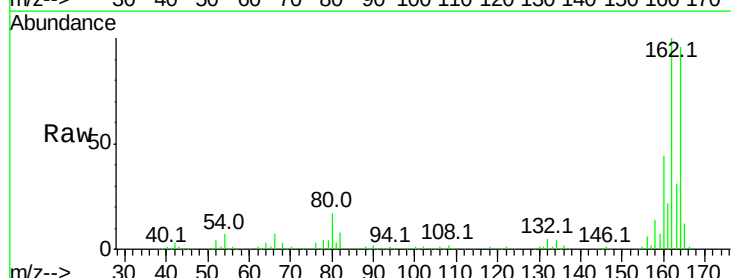
Tgt Ion:164 Resp: 259451

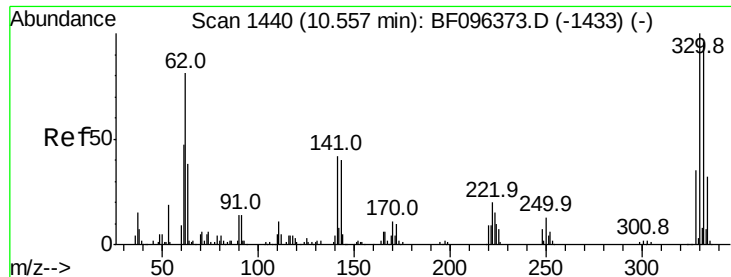
Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

160 46.2 36.2 54.2

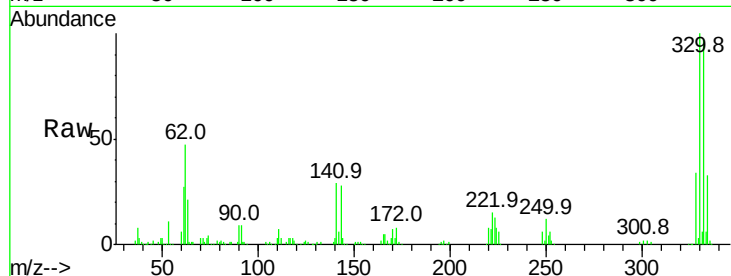




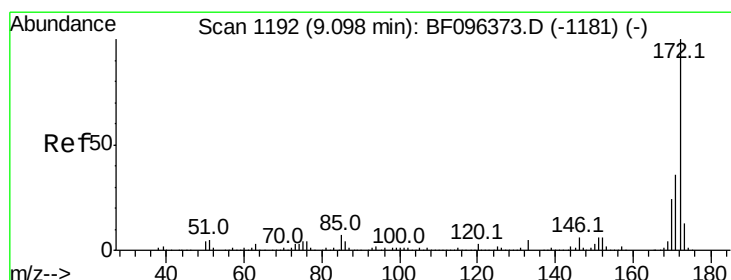
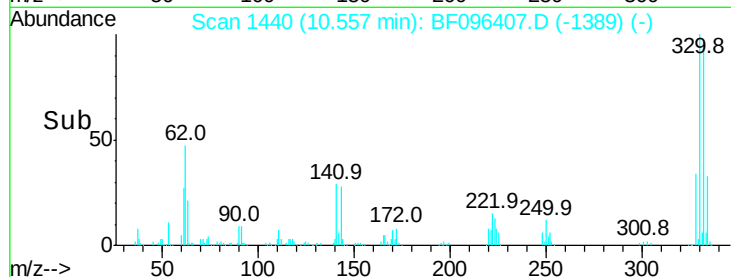
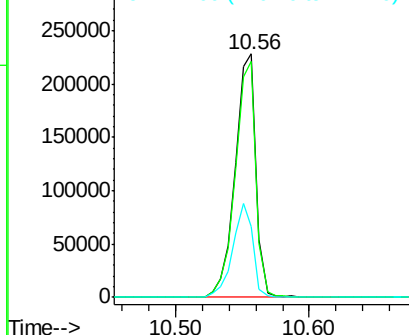
#41
 2,4,6-Tribromophenol
 Concen: 123.21 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	37.4	31.4	47.2

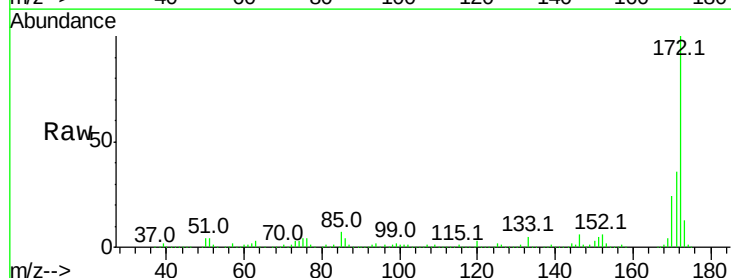


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

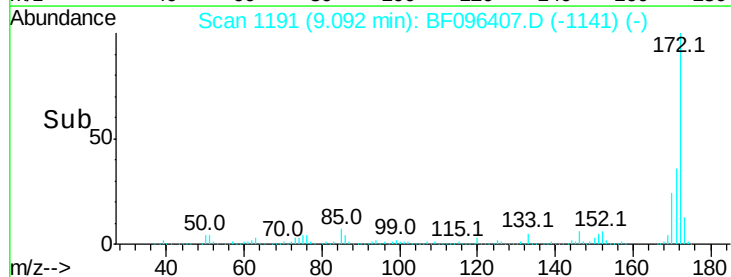
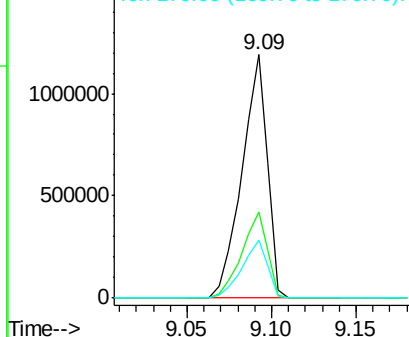


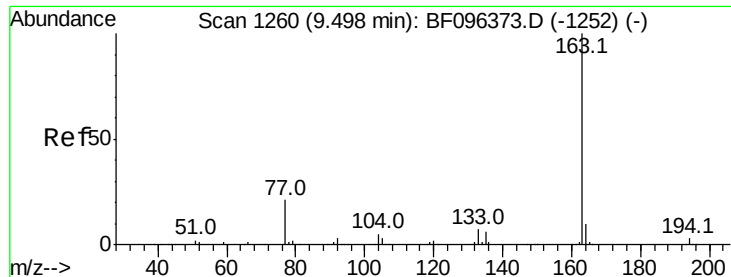
#44
 2-Fluorobiphenyl
 Concen: 82.59 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.8	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

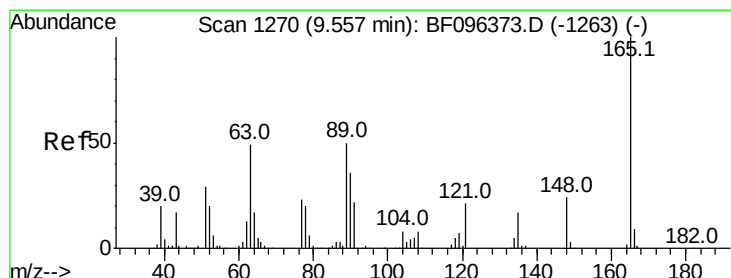
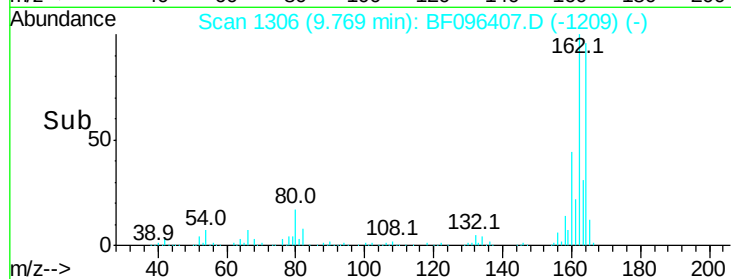
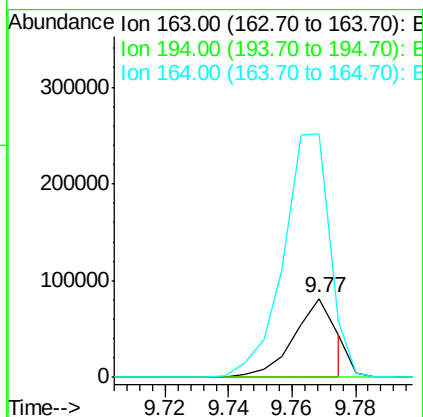
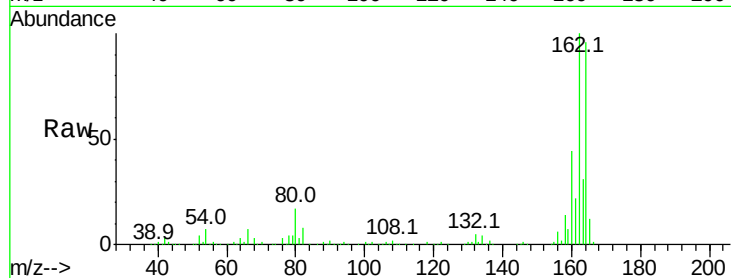




#49
Dimethylphthalate
Concen: 3.89 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.27 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

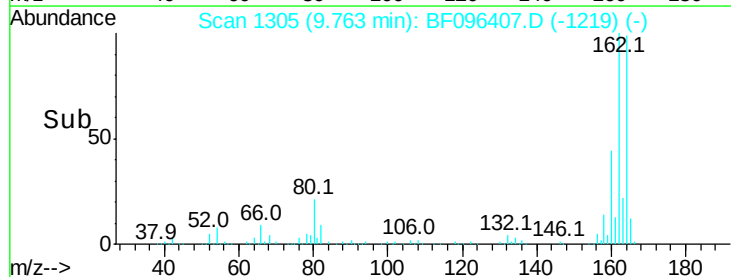
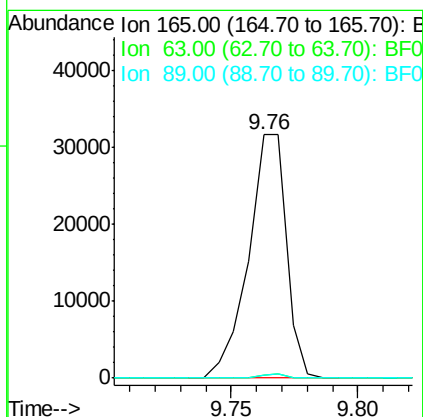
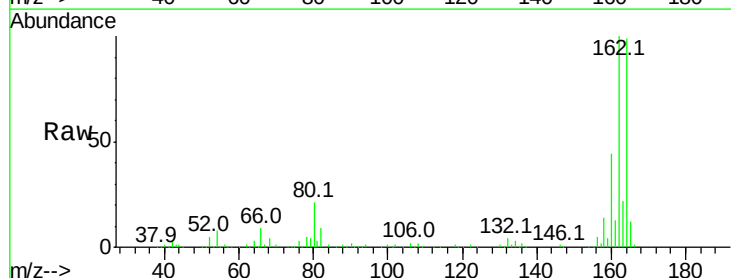
Instrument :
BNA_F
ClientSampleId :

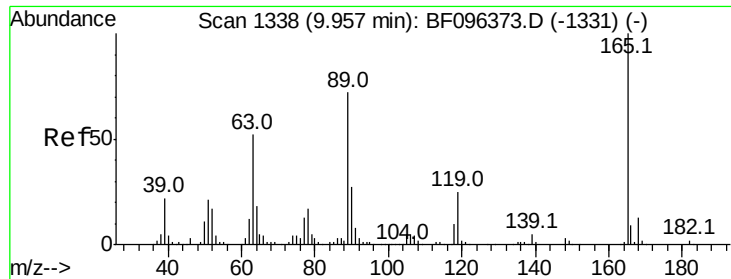
Tot Ion:163 Resp: 75287
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 309.3 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Tgt Ion:165 Resp: 33186
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.0 37.1 55.7#

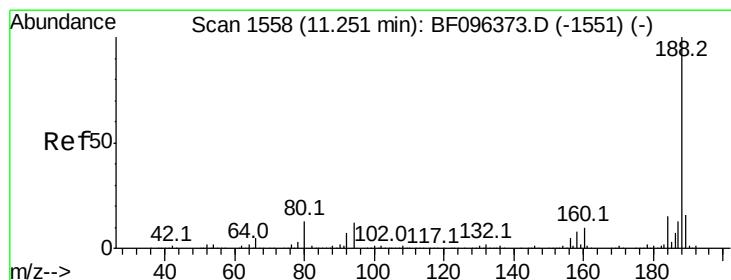
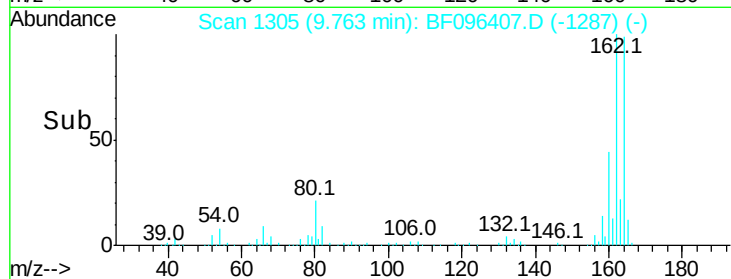
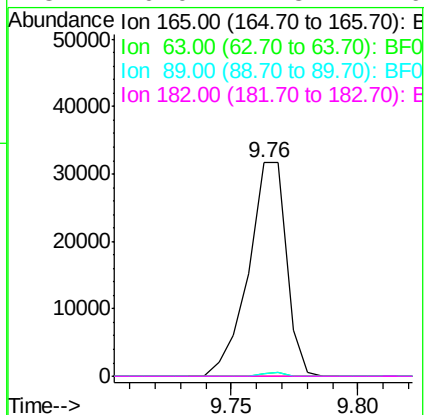
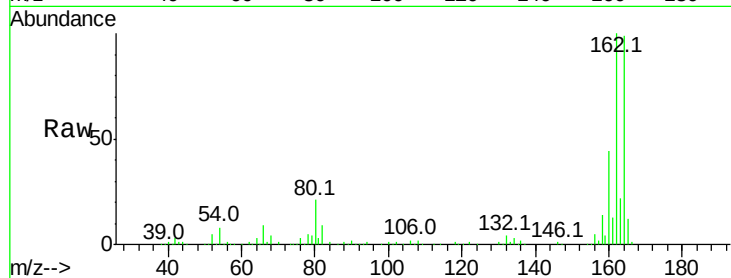




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

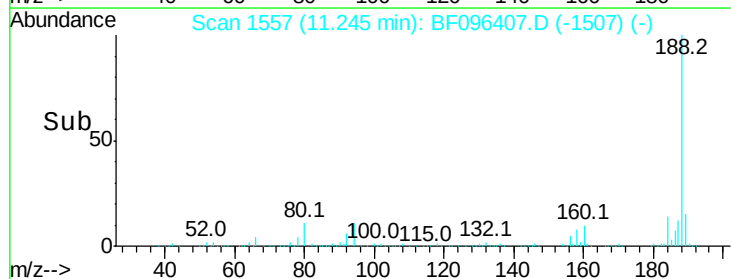
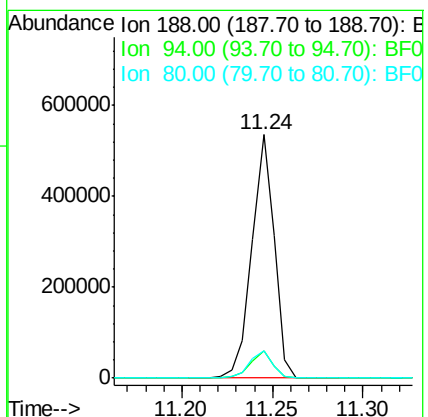
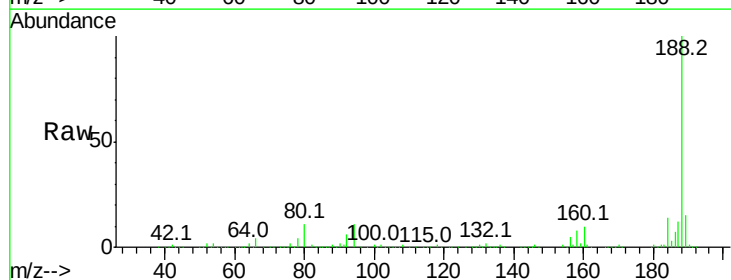
Instrument :
 BNA_F
 ClientSampled :

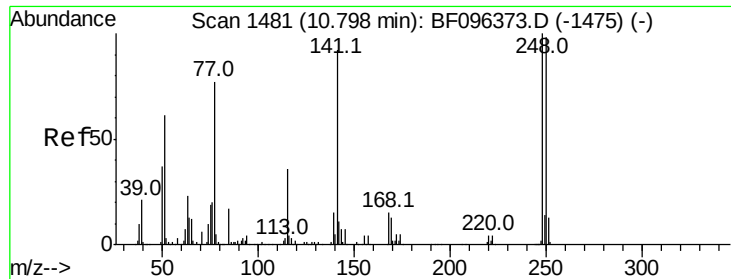
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.5	10.2	15.2

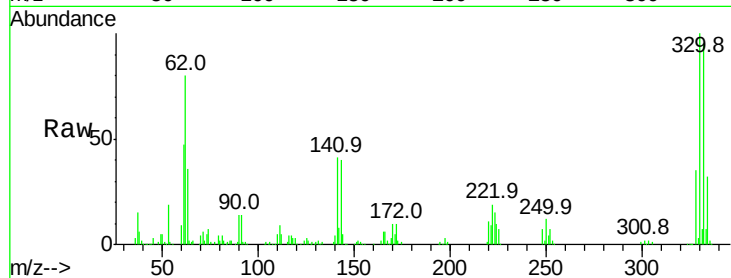




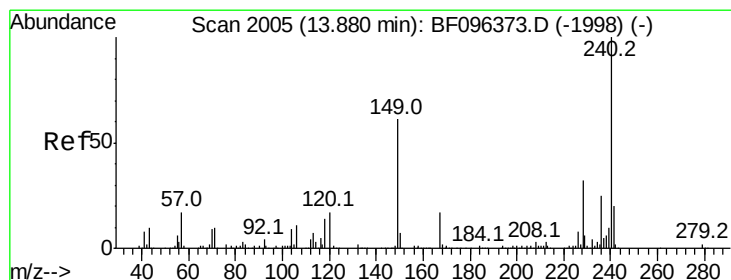
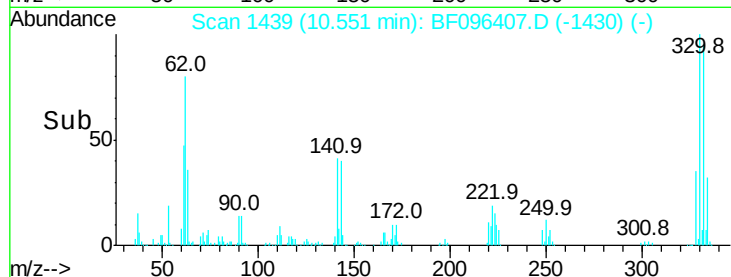
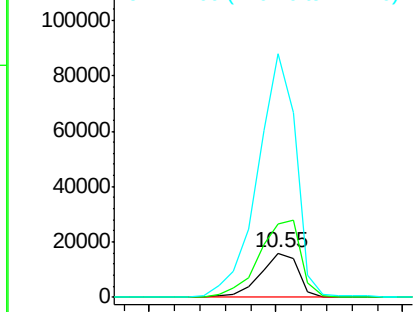
#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16826
Ion Ratio Lower Upper
248 100
250 165.8 76.8 115.2#
141 551.3 68.6 103.0#

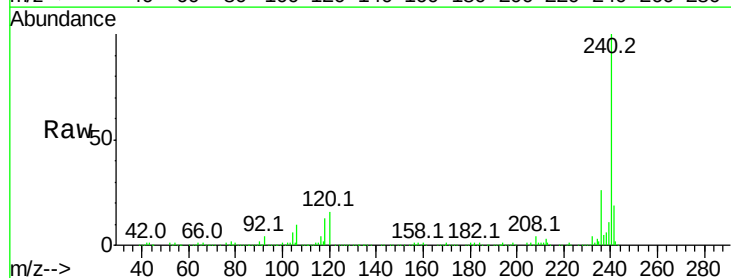


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

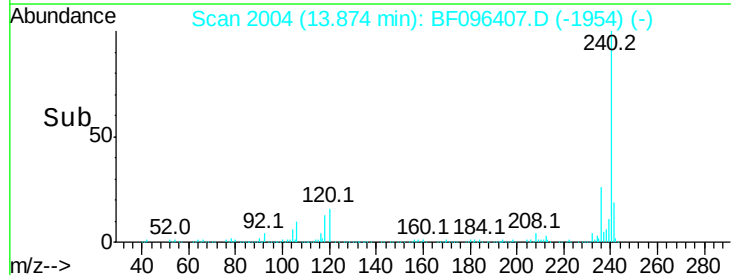
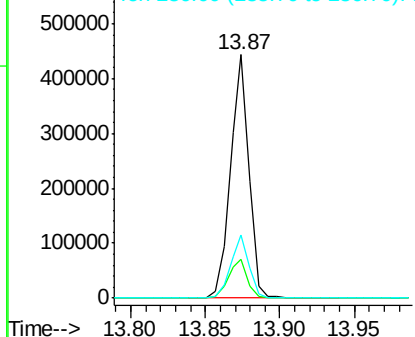


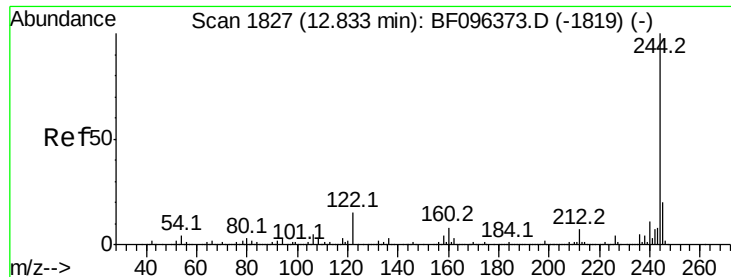
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Tgt Ion:240 Resp: 388428
Ion Ratio Lower Upper
240 100
120 15.7 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

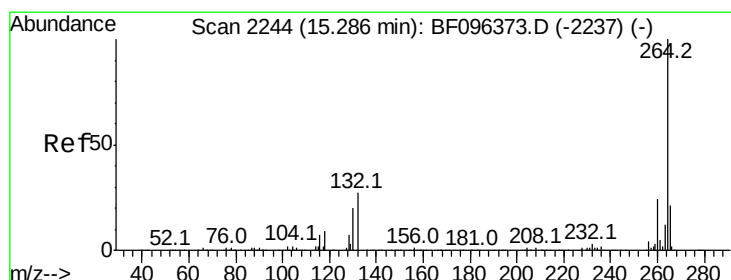
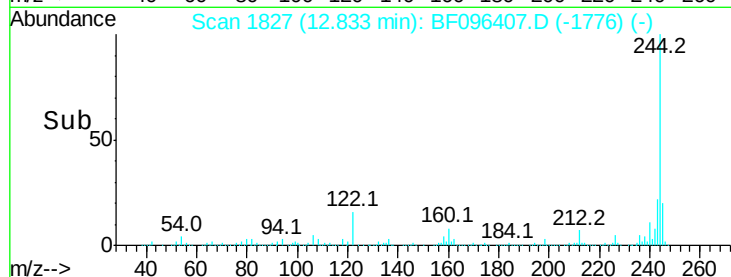
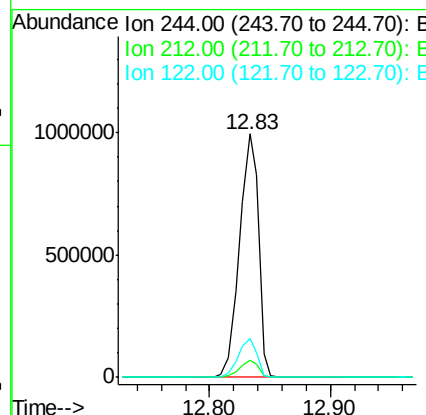
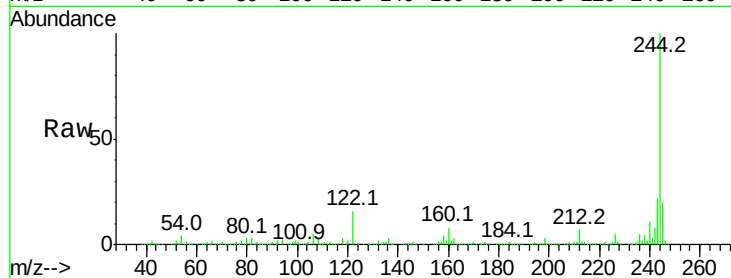




#78
 Terphenyl-d14
 Concen: 60.26 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1095457
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 16.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Tgt Ion:264 Resp: 257703
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.9 17.2 25.8

