

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096684.D
 Acq On : 12 Jul 2017 10:43
 Operator : SJ/JU
 Sample : I4126-07RE
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 14:41:19 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

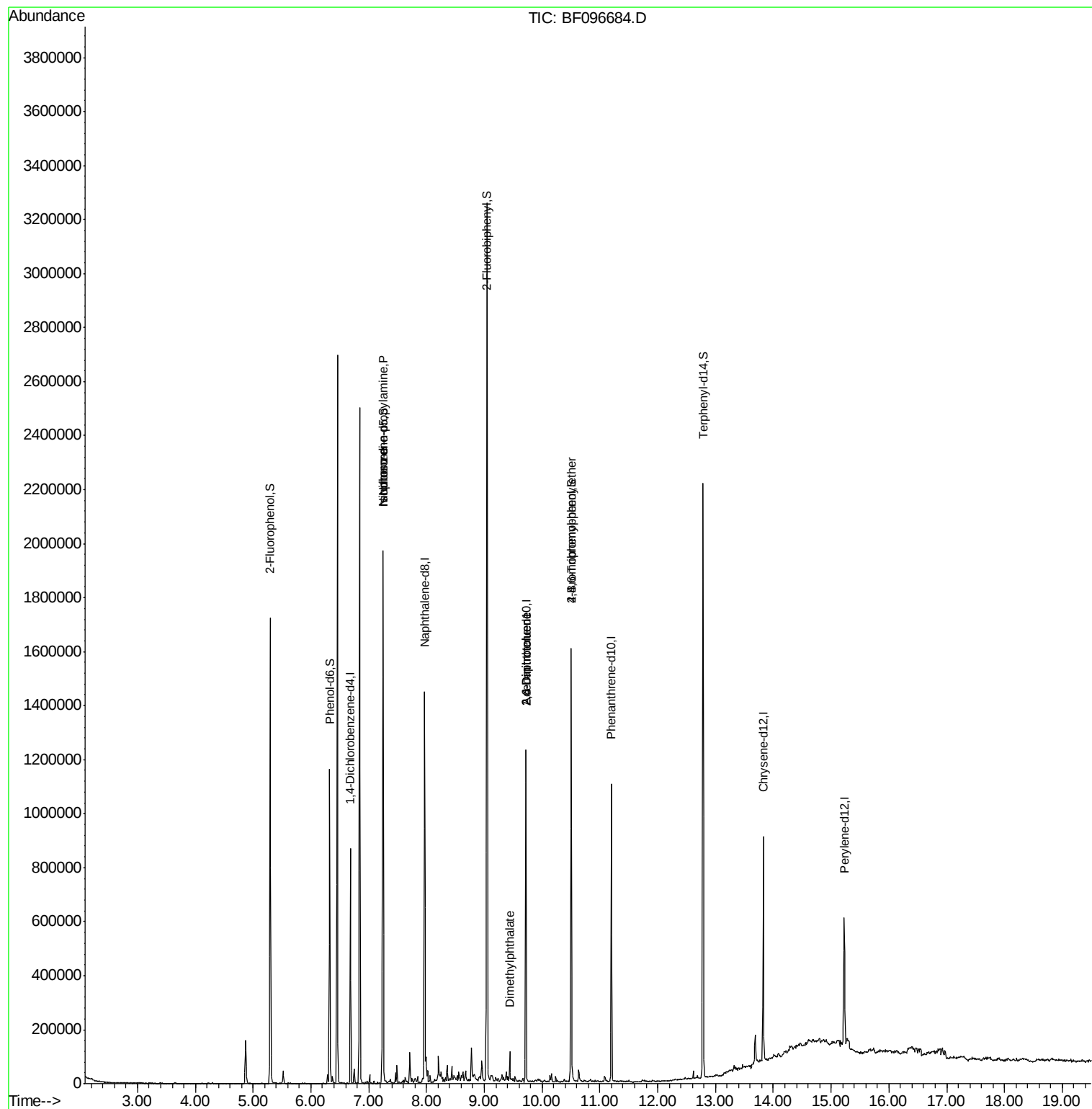
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	120931	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	588254	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	248087	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	367477	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	265527	20.00	ng	-0.02
86) Perylene-d12	15.23	264	192288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	455118	55.55	ng	-0.01
7) Phenol-d6	6.32	99	345586	34.31	ng	-0.02
23) Nitrobenzene-d5	7.25	82	610963	62.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	200509	103.47	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1227834	84.62	ng	-0.01
78) Terphenyl-d14	12.79	244	716102	57.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	81852	13.640	ng	# 88
25) Isophorone	7.25	82	605703	31.912	ng	# 67
49) Dimethylphthalate	9.44	163	42911	2.317	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	31645	7.727	ng	# 32
56) 2,4-Dinitrotoluene	9.72	165	31645	6.102	ng	# 32
66) 4-Bromophenyl-phenylether	10.51	248	12018	3.360	ng	# 1

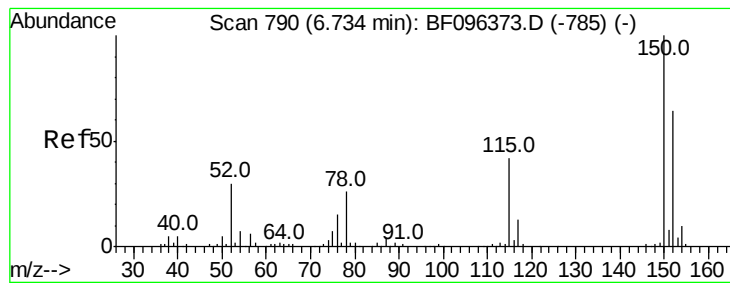
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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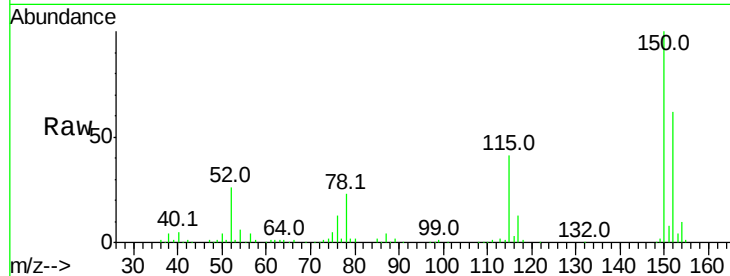


#1

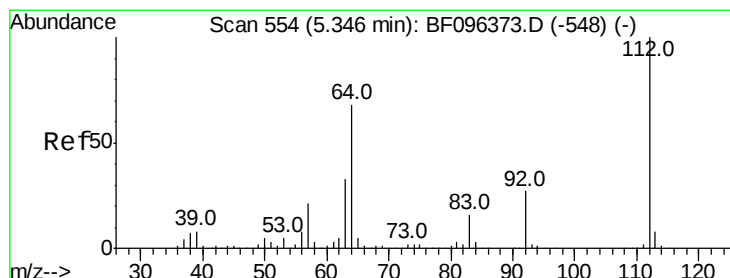
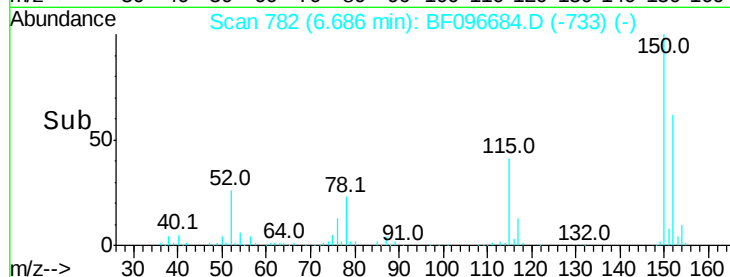
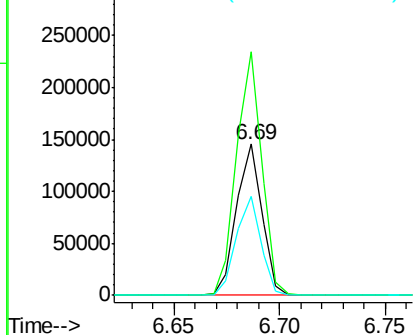
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096684.D
Acq: 12 Jul 2017 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	65.6	52.2	78.2



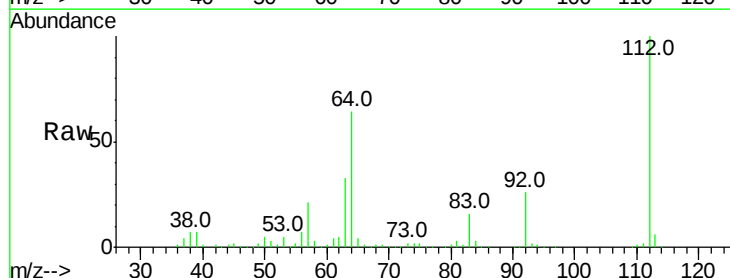
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



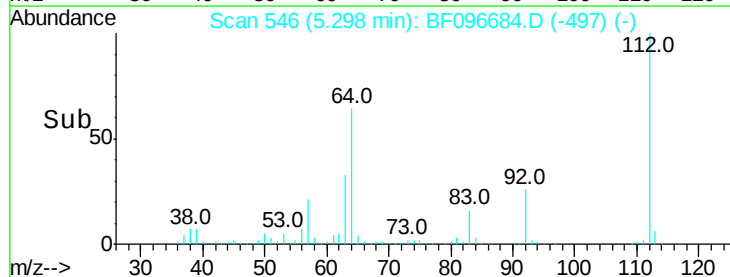
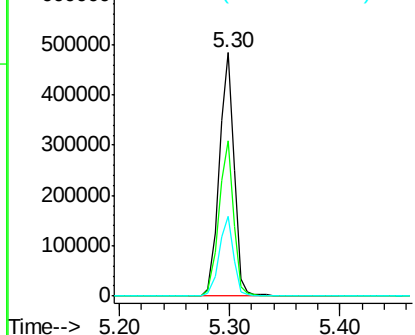
#5

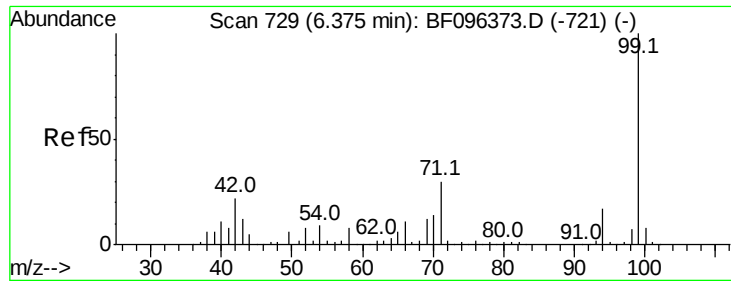
2-Fluorophenol
Concen: 55.547 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096684.D
Acq: 12 Jul 2017 10:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	46.0	69.0
63	32.7	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: 34.309 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096684.D

Acq: 12 Jul 2017 10:43

Instrument :

BNA_F

ClientSampled :

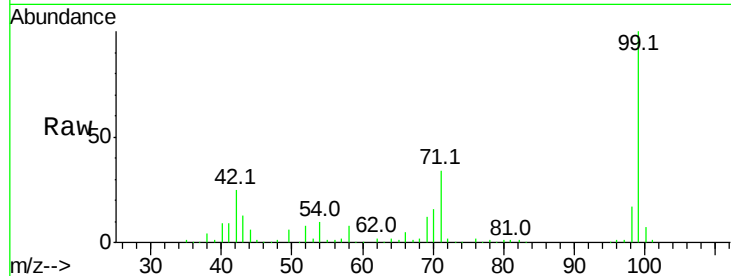
Tot Ion: 99 Resp: 345586

Ion Ratio Lower Upper

99 100

42 24.8 13.5 20.3#

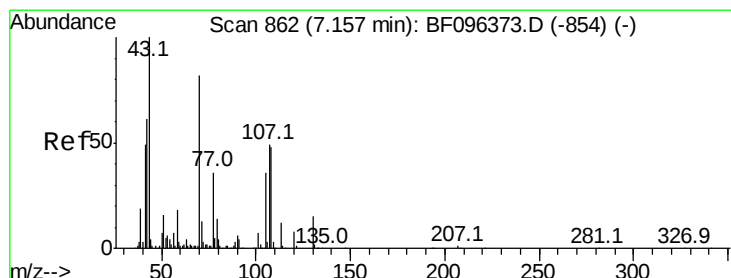
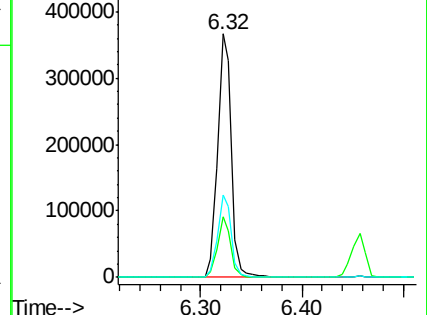
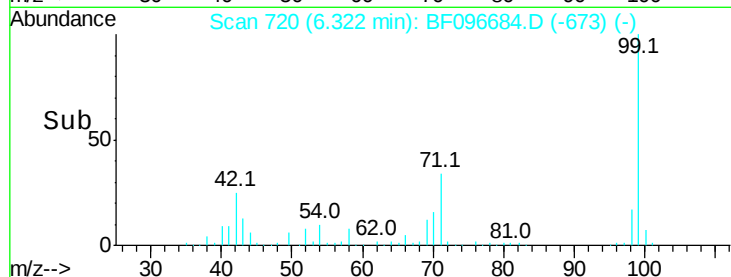
71 33.9 24.5 36.7



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: 13.640 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF096684.D

Acq: 12 Jul 2017 10:43

Tgt Ion: 70 Resp: 81852

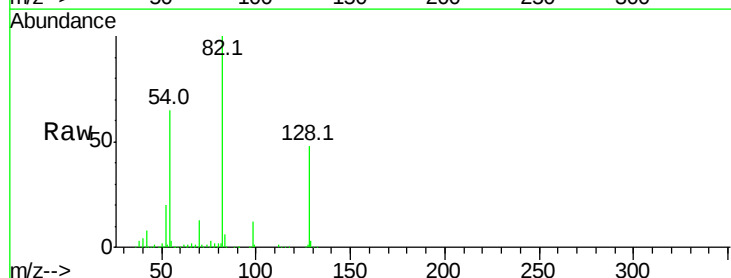
Ion Ratio Lower Upper

70 100

42 57.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

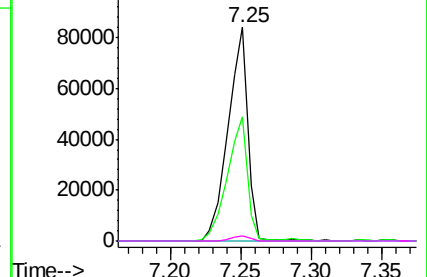
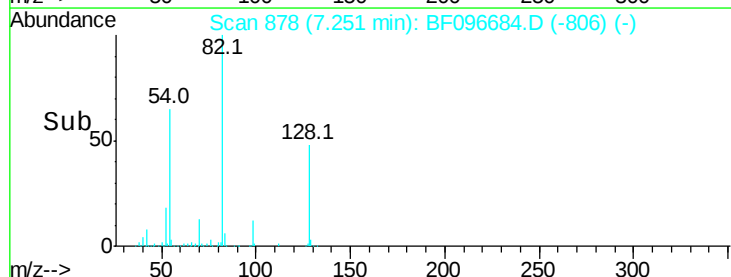


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096684.D

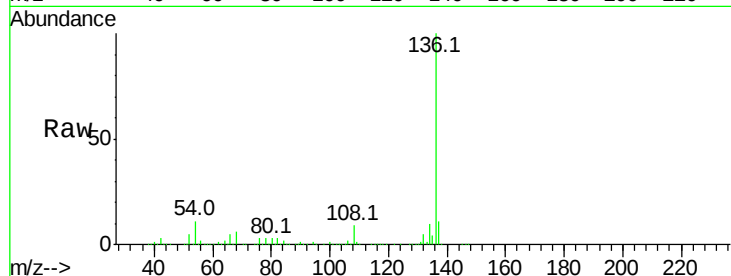
Acq: 12 Jul 2017 10:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	588254
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.6	4.9	7.3#
68	5.9	4.1	6.1

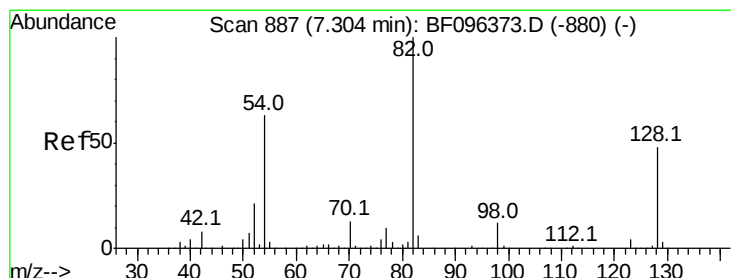
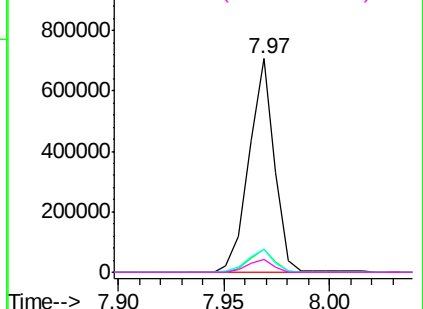
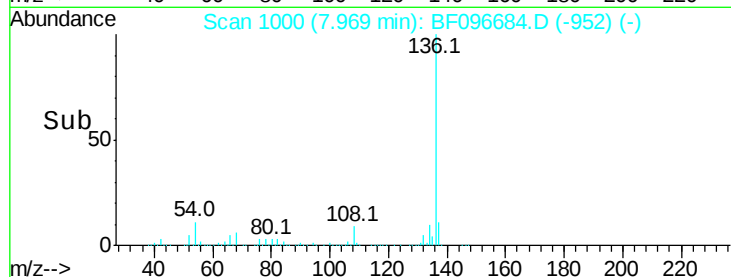


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.411 ng

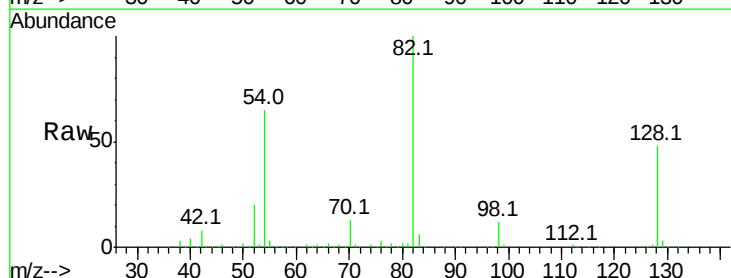
RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF096684.D

Acq: 12 Jul 2017 10:43

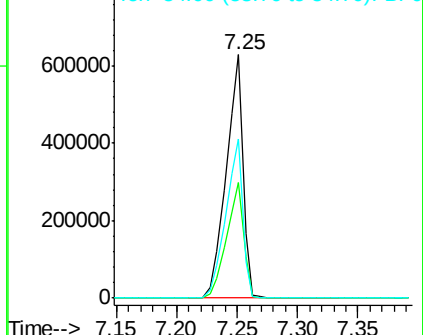
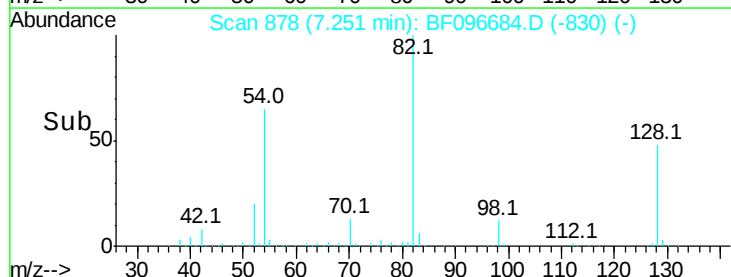
Tgt Ion:	82	Resp:	610963
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	65.1	42.2	63.2#

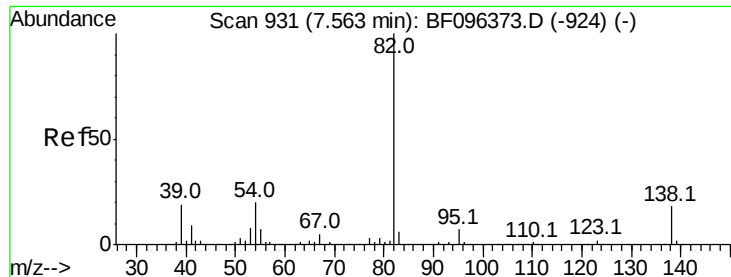


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.912 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.28 min

Lab File: BF096684.D

Acq: 12 Jul 2017 10:43

Instrument :

BNA_F

ClientSampled :

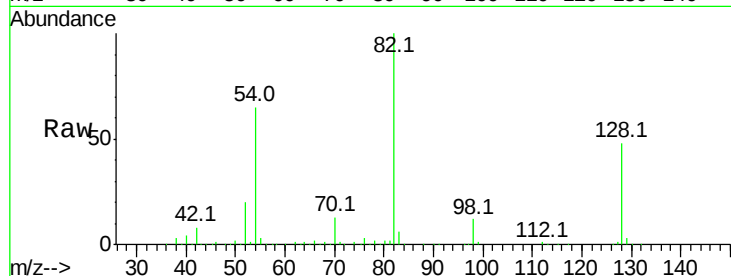
Tot Ion: 82 Resp: 605703

Ion Ratio Lower Upper

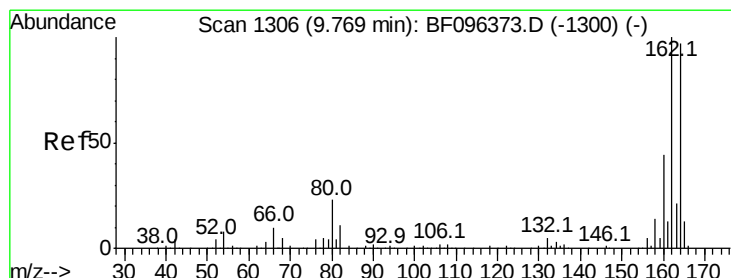
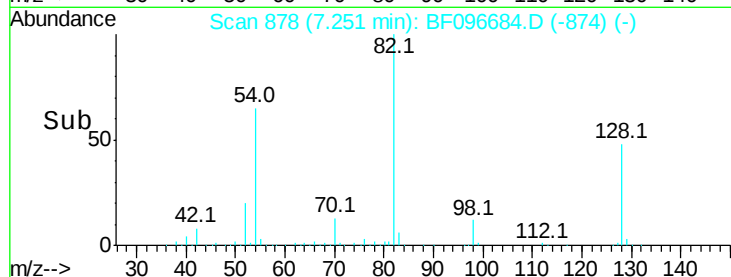
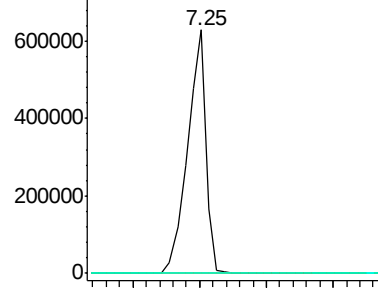
82 100

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: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF096684.D

Acq: 12 Jul 2017 10:43

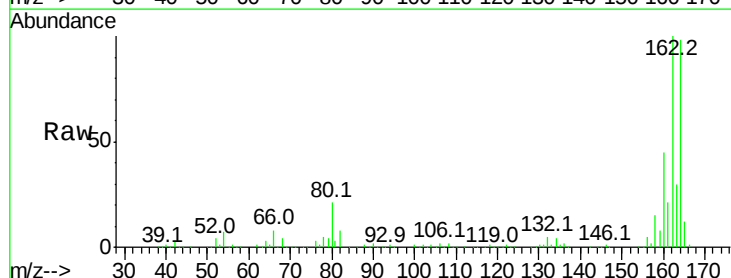
Tgt Ion:164 Resp: 248087

Ion Ratio Lower Upper

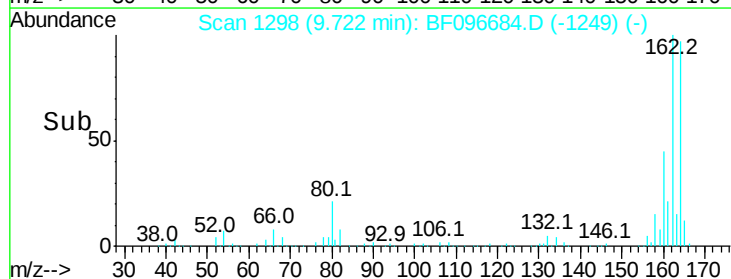
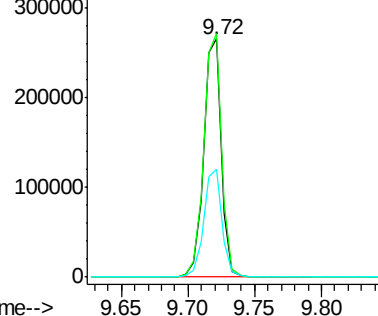
164 100

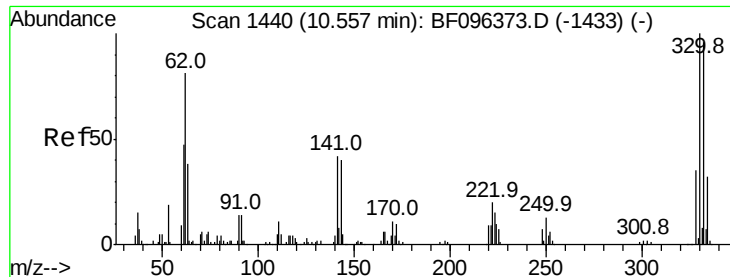
162 102.3 82.6 123.8

160 45.5 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

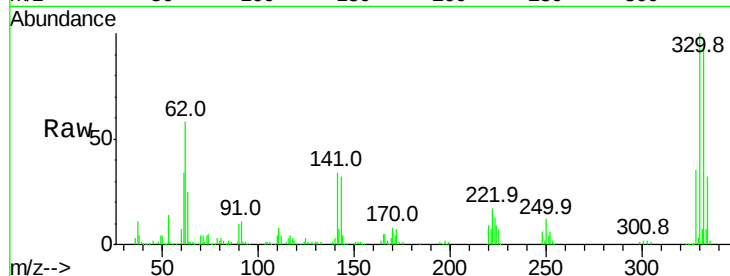




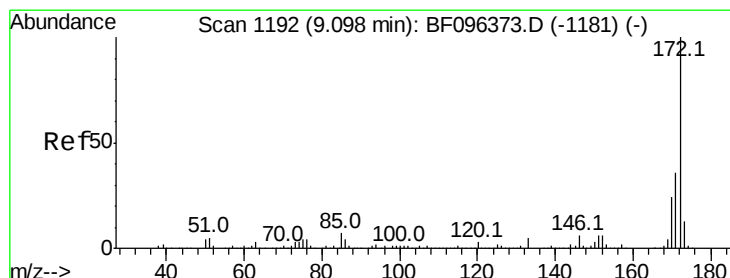
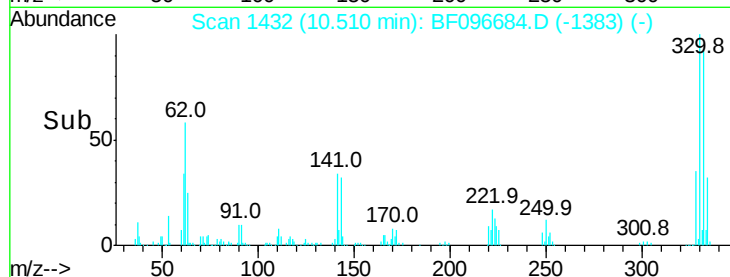
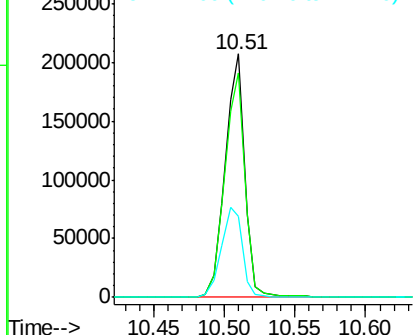
#41
 2,4,6-Tribromophenol
 Concen: 103.469 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096684.D
 Acq: 12 Jul 2017 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 200509
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.9 31.4 47.2

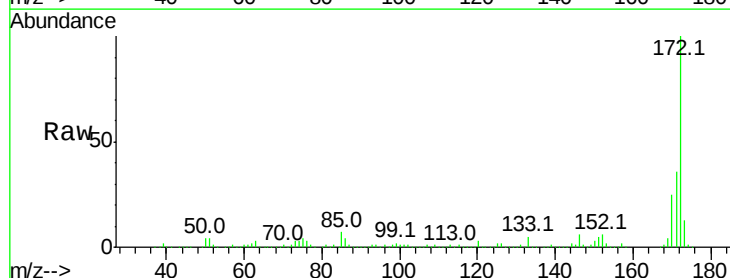


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

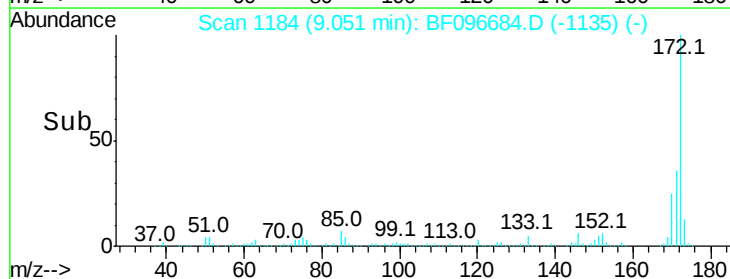
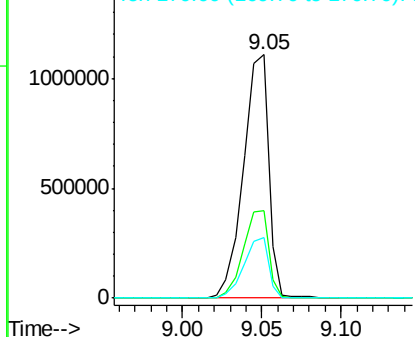


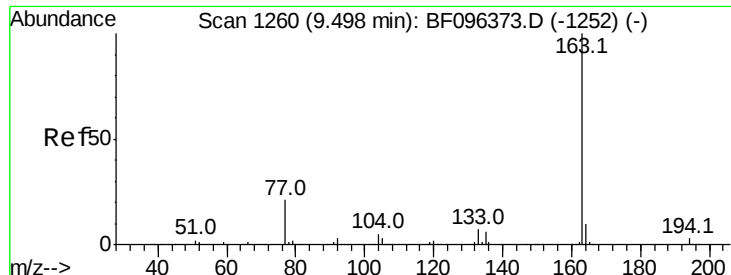
#44
 2-Fluorobiphenyl
 Concen: 84.620 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096684.D
 Acq: 12 Jul 2017 10:43

Tgt Ion:172 Resp: 1227834
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 25.0 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

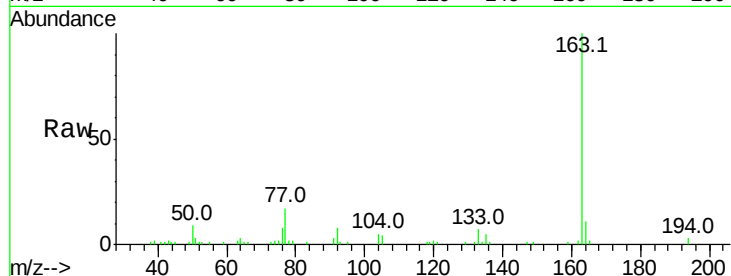




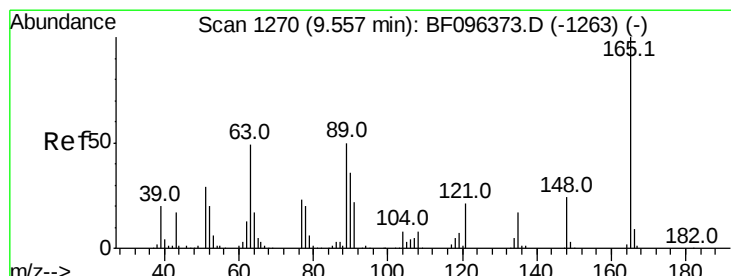
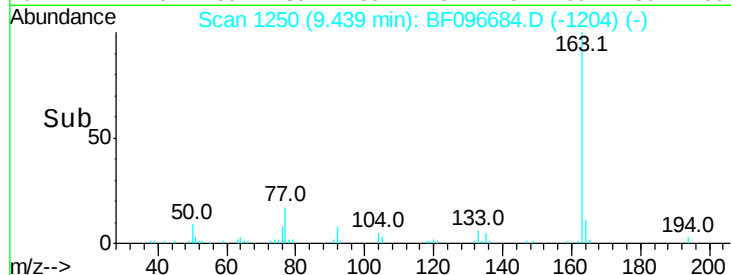
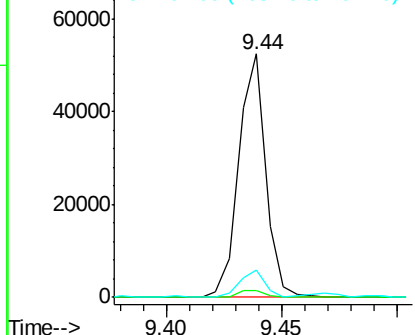
#49
Dimethylphthalate
Concen: 2.317 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096684.D
Acq: 12 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 42911
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 11.0 8.4 12.6

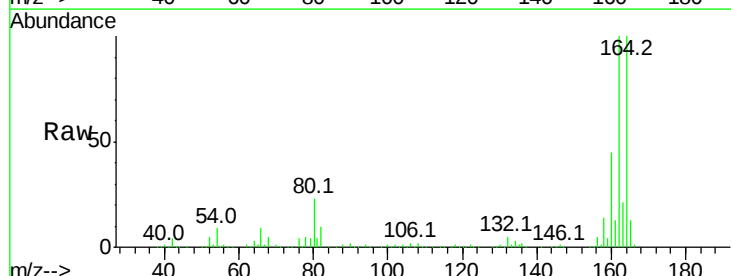


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

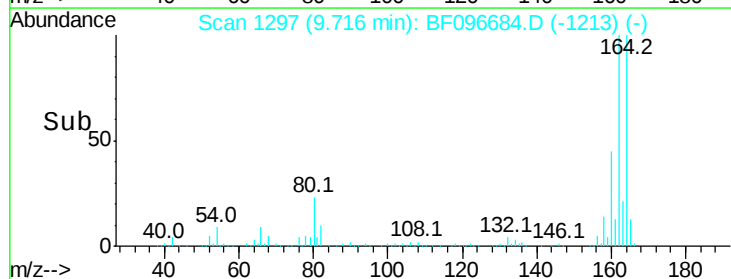
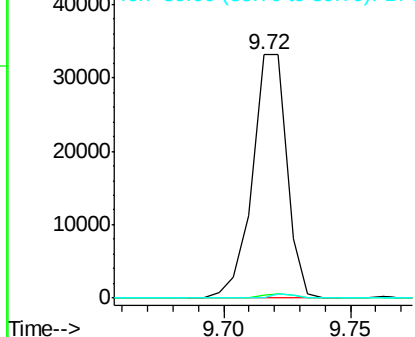


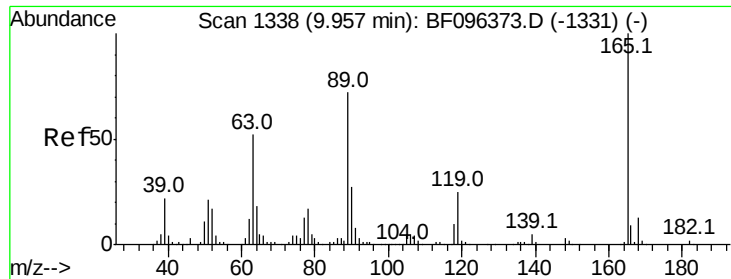
#50
2,6-Dinitrotoluene
Concen: 7.727 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.19 min
Lab File: BF096684.D
Acq: 12 Jul 2017 10:43

Tgt Ion:165 Resp: 31645
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 0.0 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

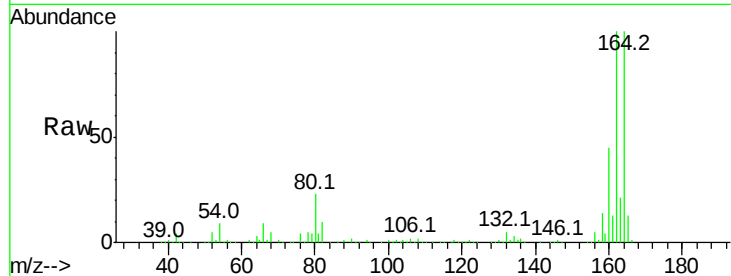




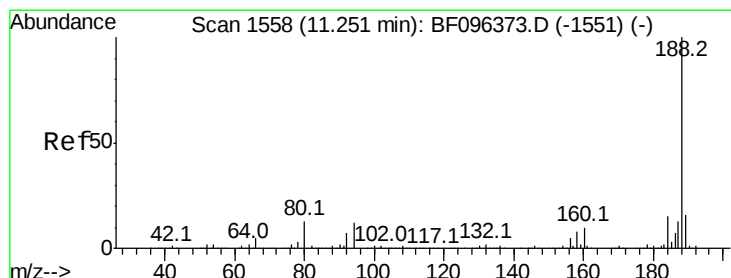
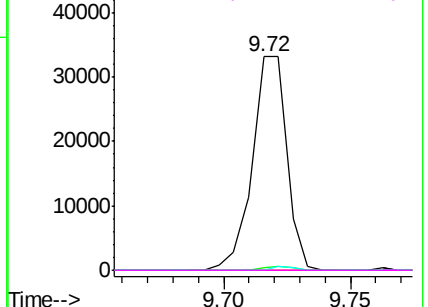
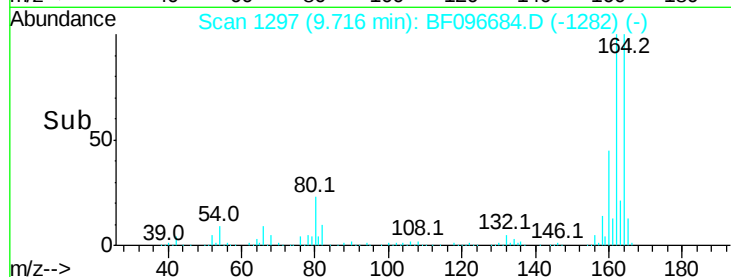
#56
 2,4-Dinitrotoluene
 Concen: 6.102 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096684.D
 Acq: 12 Jul 2017 10:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 31645
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

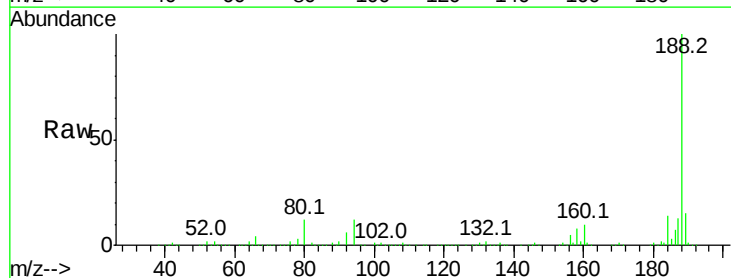


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

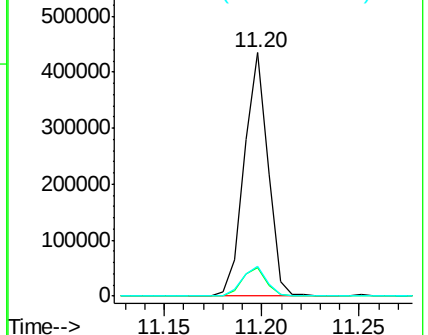
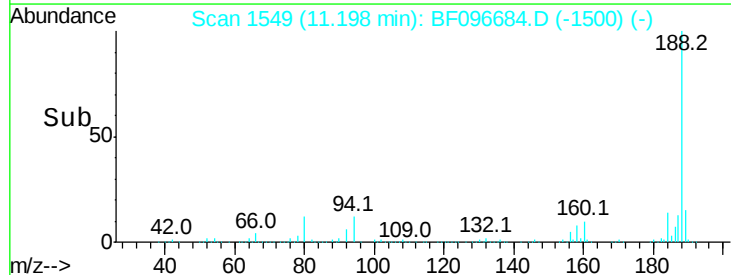


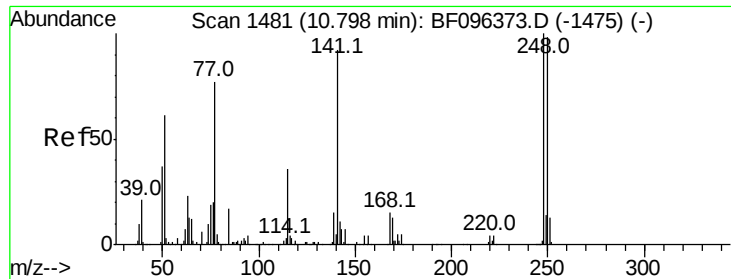
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096684.D
 Acq: 12 Jul 2017 10:43

Tgt Ion:188 Resp: 367477
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.1 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

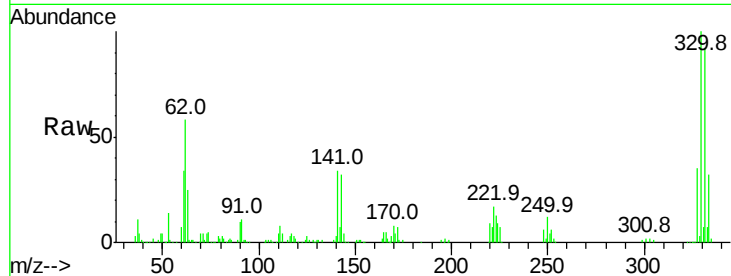




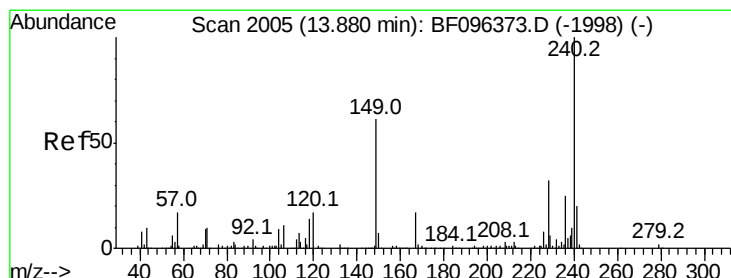
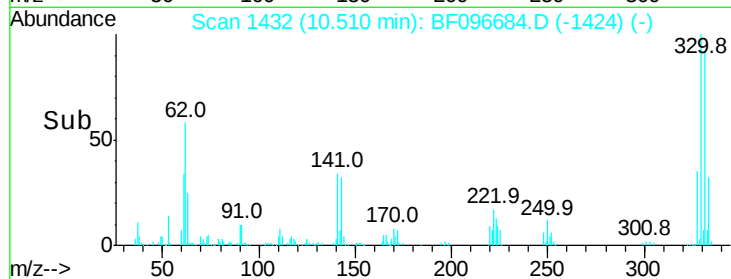
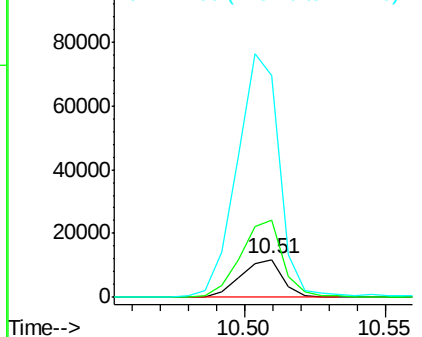
#66
 4-Bromophenyl-phenylether
 Concen: 3.360 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF096684.D
 Acq: 12 Jul 2017 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12018
 Ion Ratio Lower Upper
 248 100
 250 203.1 76.8 115.2#
 141 583.8 68.6 103.0#

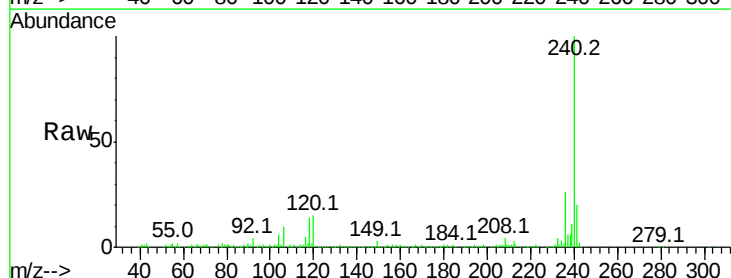


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

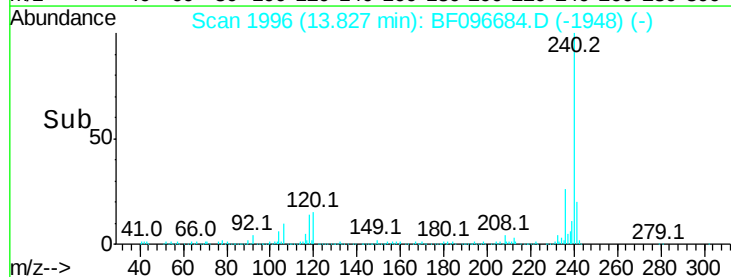
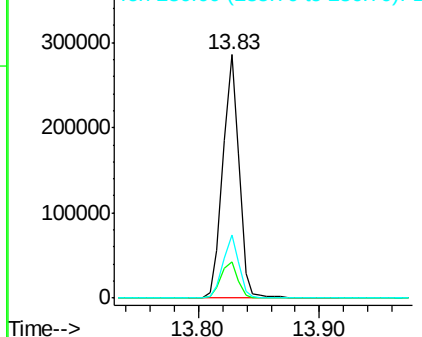


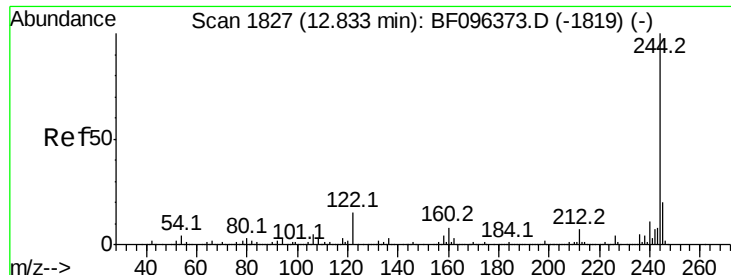
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF096684.D
 Acq: 12 Jul 2017 10:43

Tgt Ion:240 Resp: 265527
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 25.9 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: 57.629 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096684.D

Acq: 12 Jul 2017 10:43

Instrument :

BNA_F

ClientSampleId :

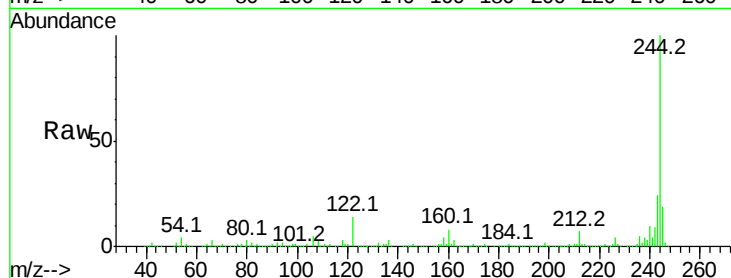
Tot Ion:244 Resp: 716102

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

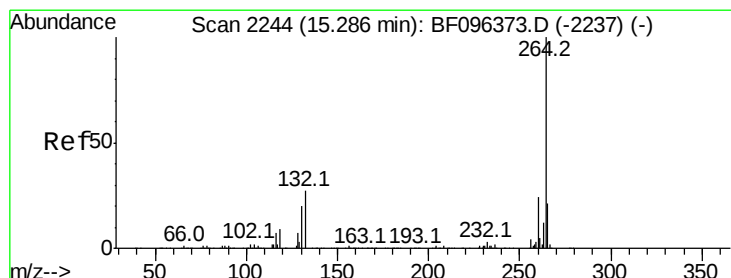
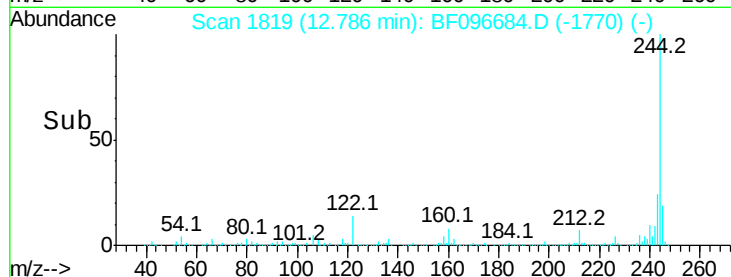
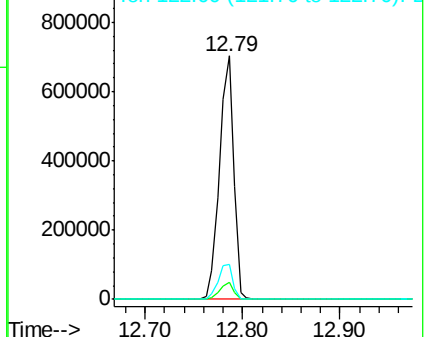
122 14.5 10.3 15.5



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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF096684.D

Acq: 12 Jul 2017 10:43

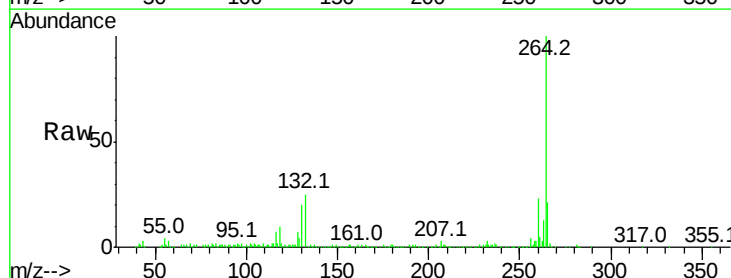
Tgt Ion:264 Resp: 192288

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.5 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

