

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096493.D
 Acq On : 5 Jul 2017 19:28
 Operator : SJ/MA
 Sample : I4052-07 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 01:41:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

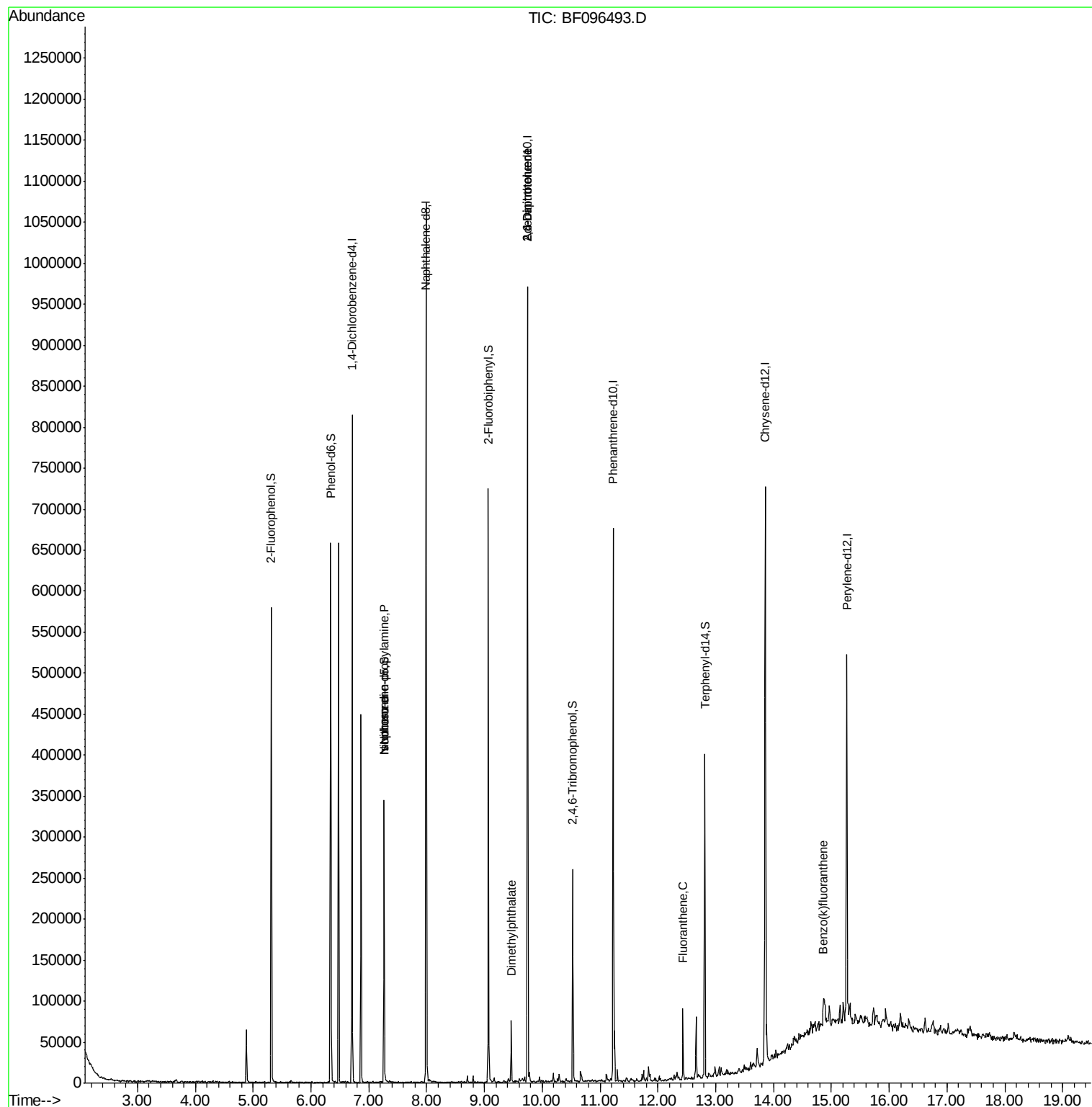
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109651	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	446971	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174186	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	234320	20.00	ng	0.00
75) Chrysene-d12	13.86	240	216178	20.00	ng	-0.01
86) Perylene-d12	15.27	264	181199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	154309	20.77	ng	-0.01
7) Phenol-d6	6.34	99	185613	20.32	ng	-0.02
23) Nitrobenzene-d5	7.26	82	96363	12.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	24920	18.32	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	201700	19.80	ng	-0.01
78) Terphenyl-d14	12.81	244	112890	11.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	12229	2.25	ng	# 79
25) Isophorone	7.26	82	96233	6.67	ng	# 67
49) Dimethylphthalate	9.46	163	27928	2.15	ng	100
50) 2,6-Dinitrotoluene	9.75	165	22504	7.83	ng	# 33
56) 2,4-Dinitrotoluene	9.75	165	22504	6.18	ng	# 33
74) Fluoranthene	12.43	202	30642	2.47	ng	97
88) Benzo(k)fluoranthene	14.87	252	21347	2.10	ng	# 88

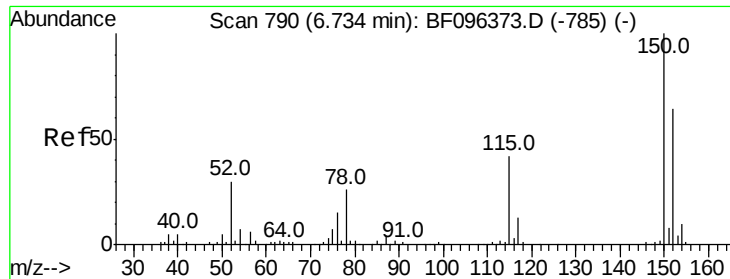
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096493.D
Acq On : 5 Jul 2017 19:28
Operator : SJ/MA
Sample : I4052-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 06 01:41:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Instrument :

BNA_F

ClientSampled :

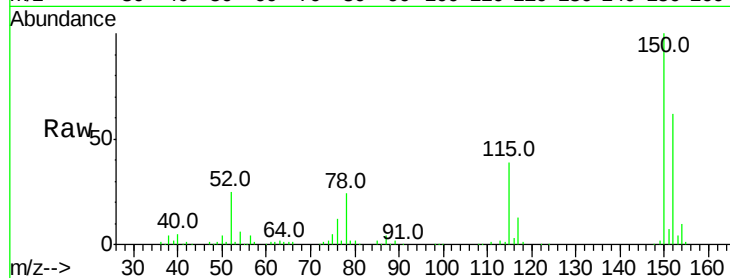
Tot Ion:152 Resp: 109651

Ion Ratio Lower Upper

152 100

150 161.9 126.2 189.2

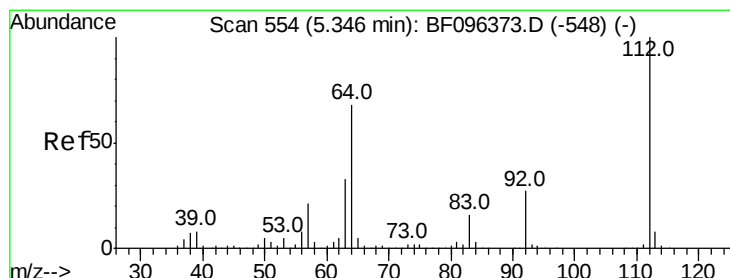
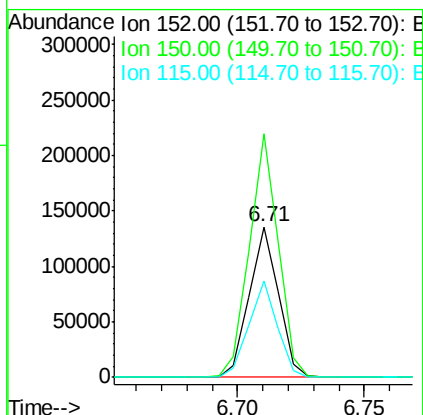
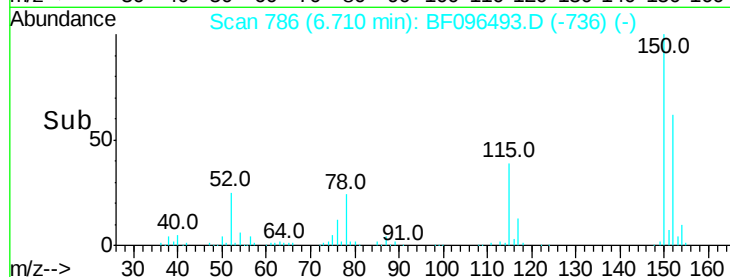
115 64.0 52.2 78.2



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: 20.77 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

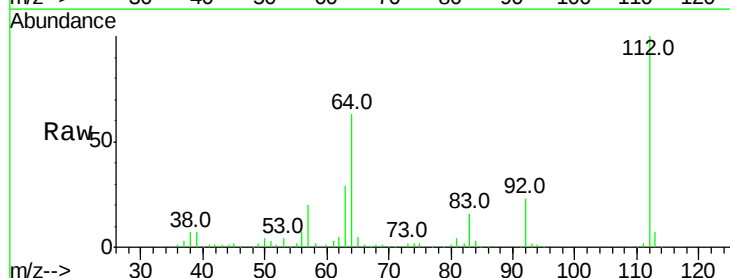
Tgt Ion:112 Resp: 154309

Ion Ratio Lower Upper

112 100

64 62.8 46.0 69.0

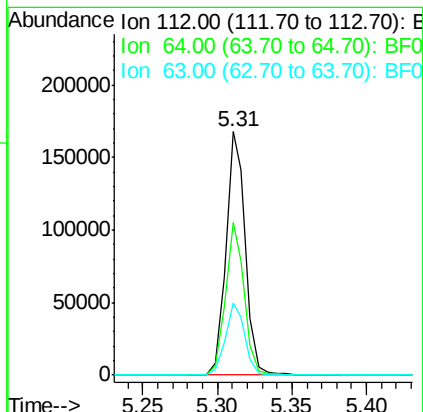
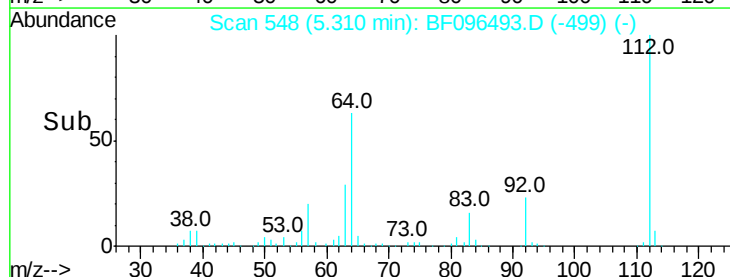
63 29.4 23.4 35.0

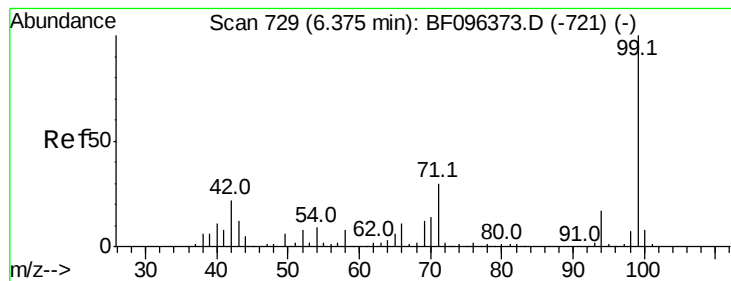


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.32 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Instrument :

BNA_F

ClientSampleId :

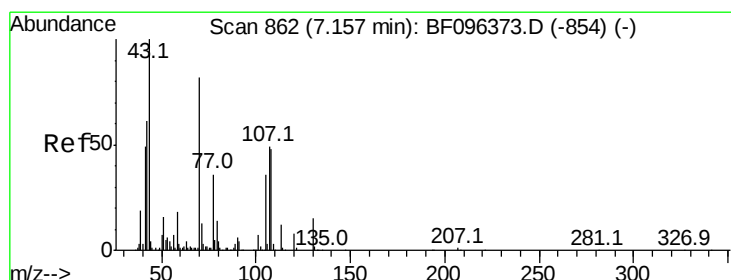
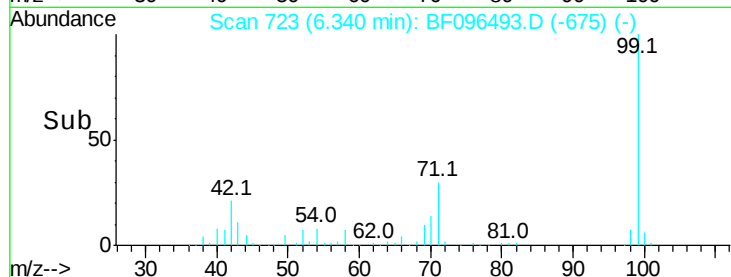
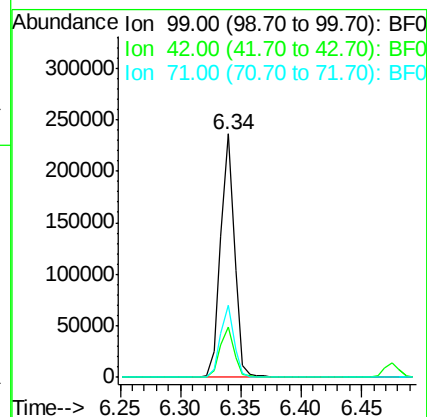
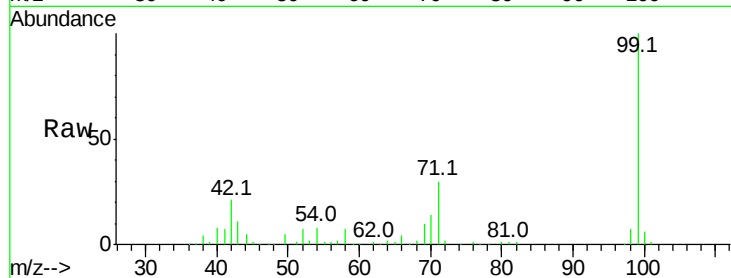
Tot Ion: 99 Resp: 185613

Ion Ratio Lower Upper

99 100

42 20.9 13.5 20.3#

71 29.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.25 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Tgt Ion: 70 Resp: 12229

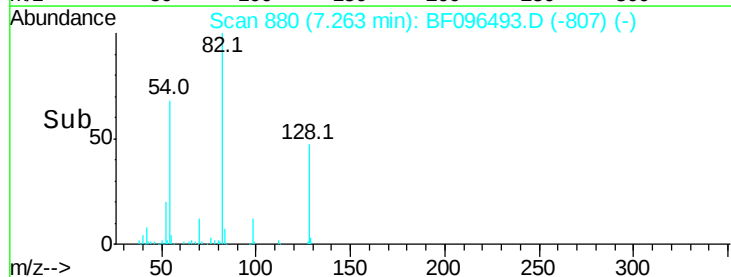
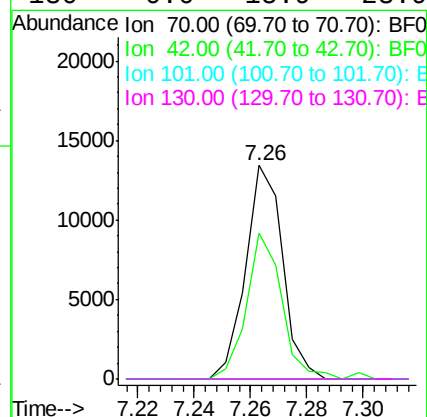
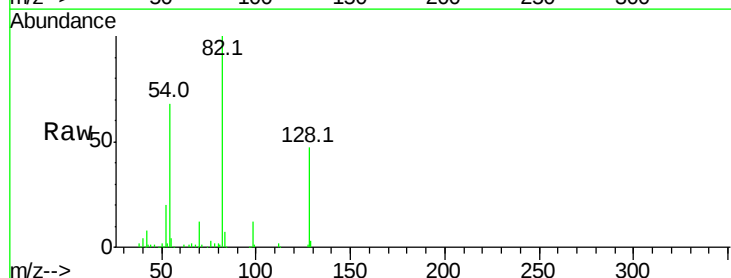
Ion Ratio Lower Upper

70 100

42 68.3 47.2 70.8

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 446971

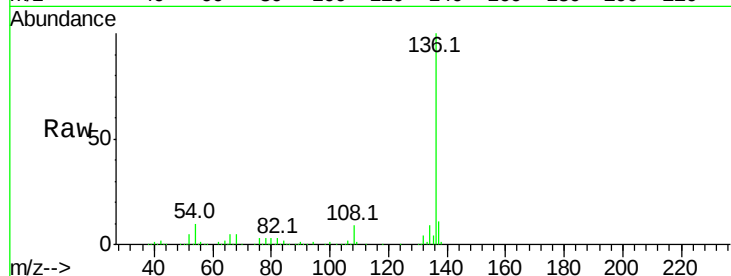
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.3 4.9 7.3#

68 5.1 4.1 6.1

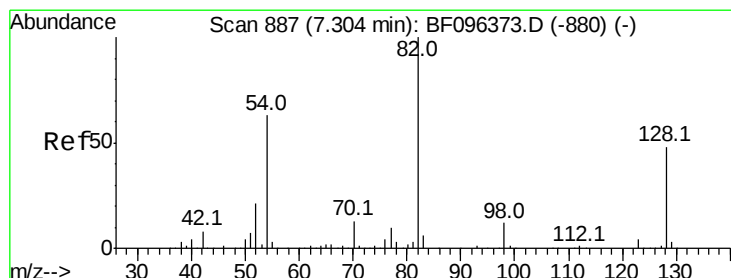
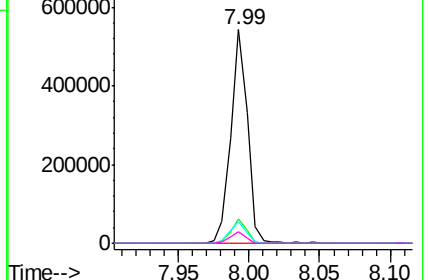
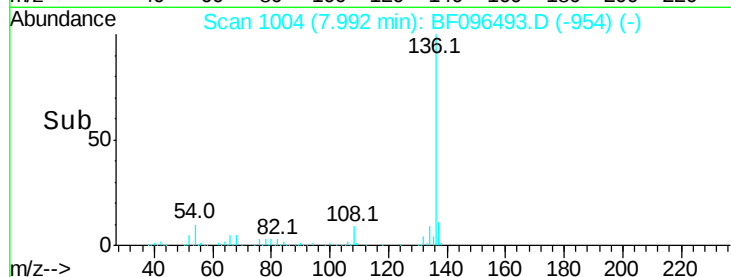


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.96 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

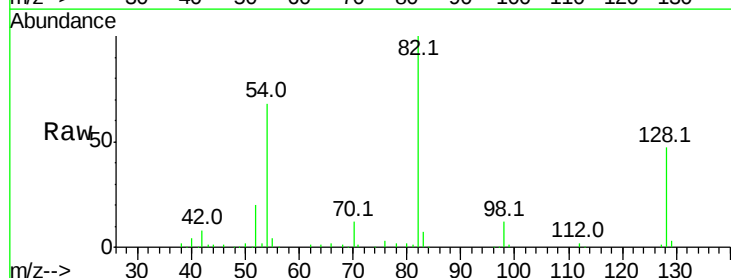
Tgt Ion: 82 Resp: 96363

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

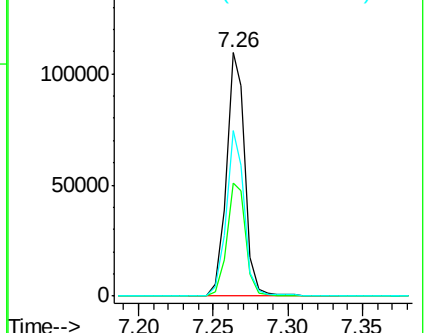
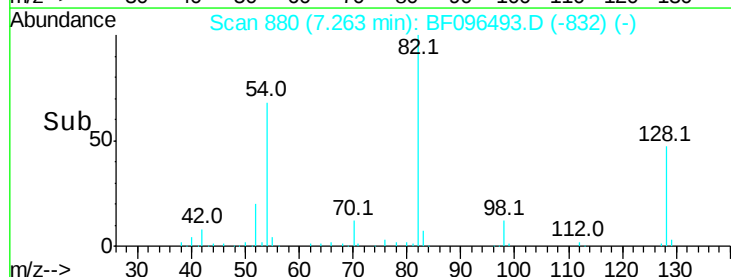
54 67.7 42.2 63.2#

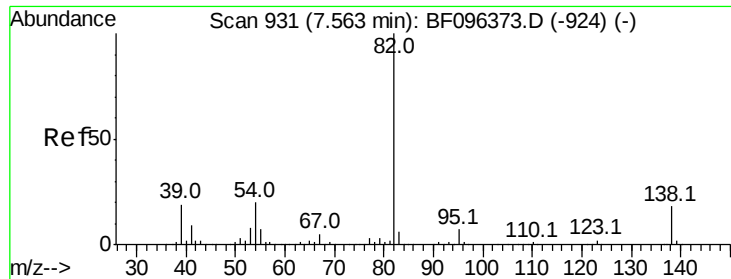


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 6.67 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Instrument :

BNA_F

ClientSampled :

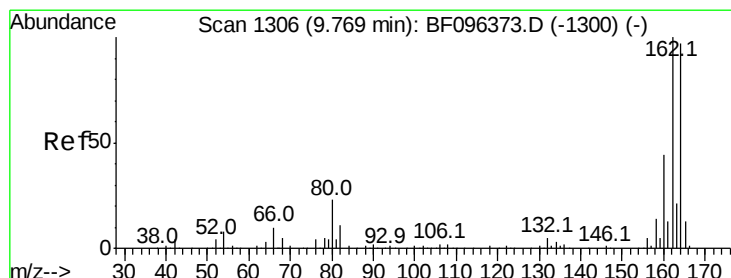
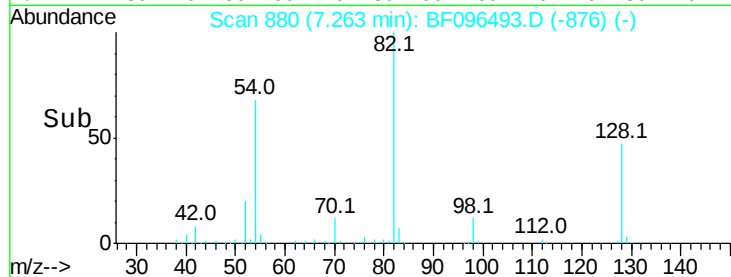
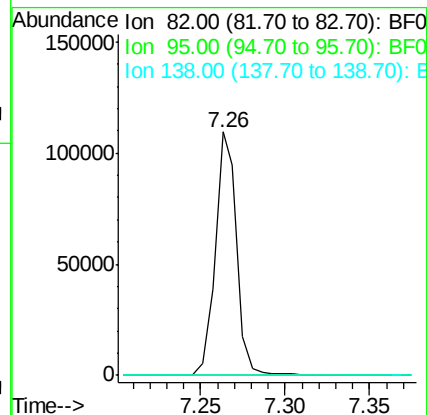
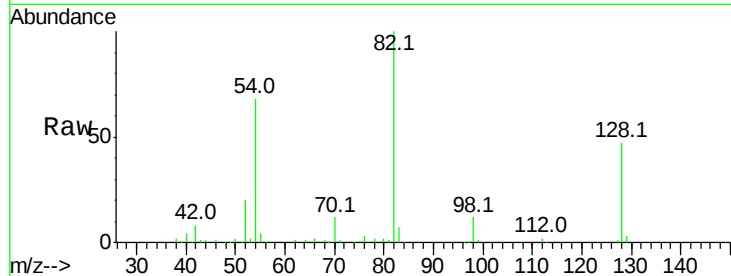
Tot Ion: 82 Resp: 96233

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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

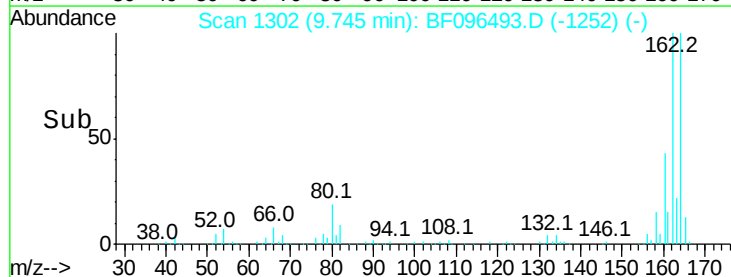
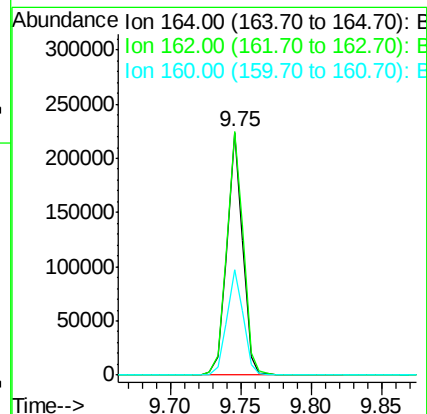
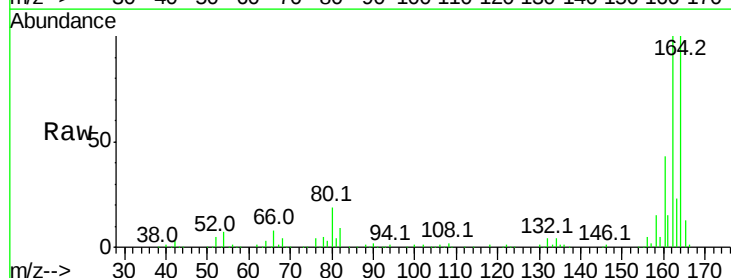
Tgt Ion:164 Resp: 174186

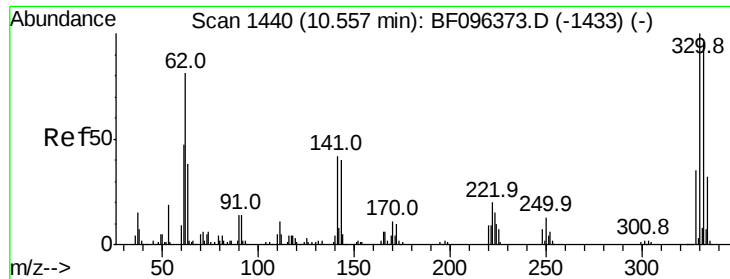
Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

160 43.4 36.2 54.2

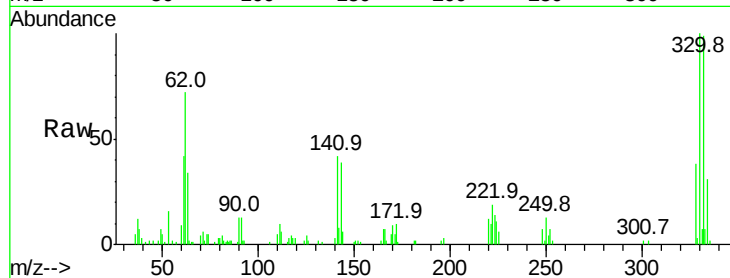




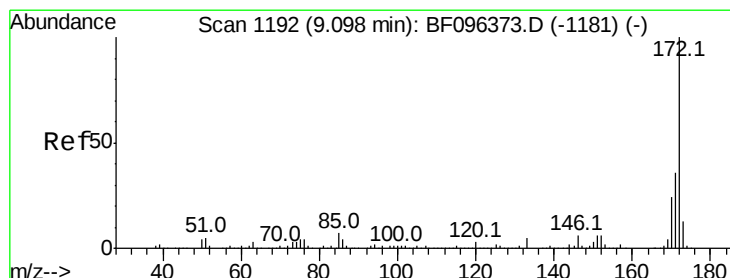
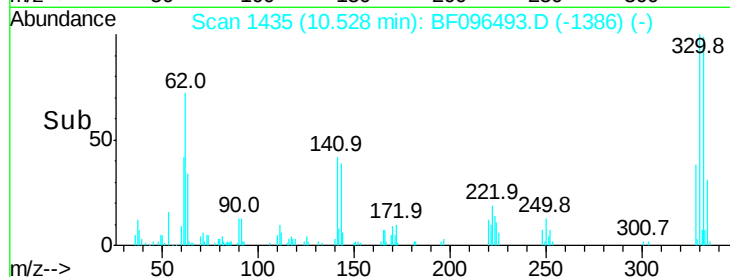
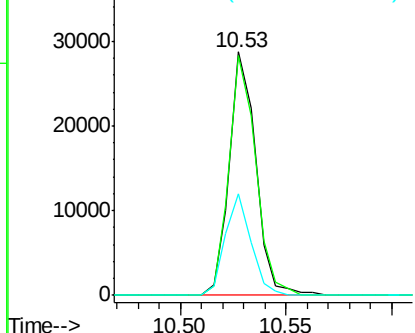
#41
 2,4,6-Tribromophenol
 Concen: 18.32 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 24920
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 115.0
 141 40.4 31.4 47.2

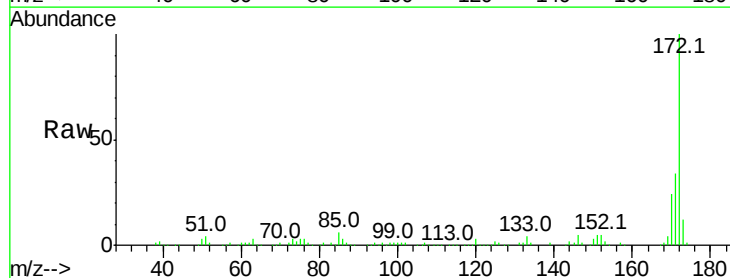


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

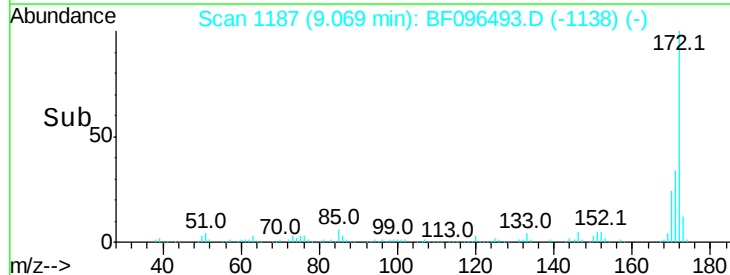
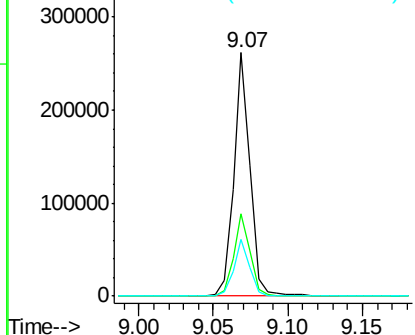


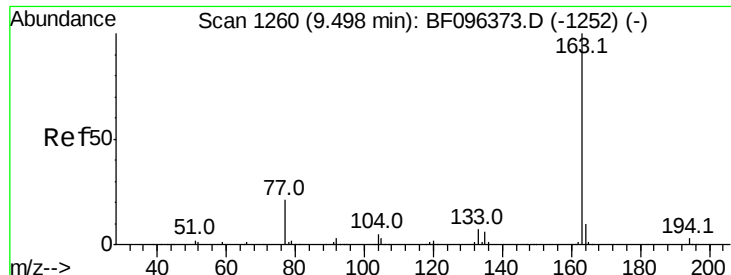
#44
 2-Fluorobiphenyl
 Concen: 19.80 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Tgt Ion:172 Resp: 201700
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.6 44.4
 170 23.5 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

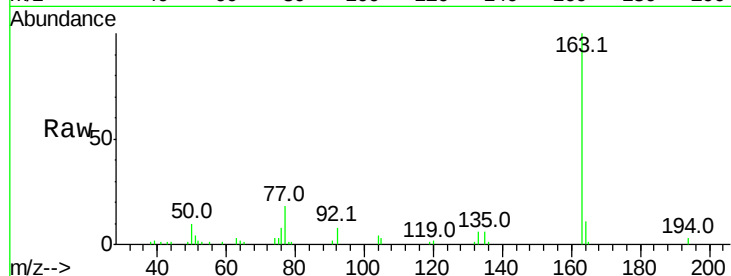




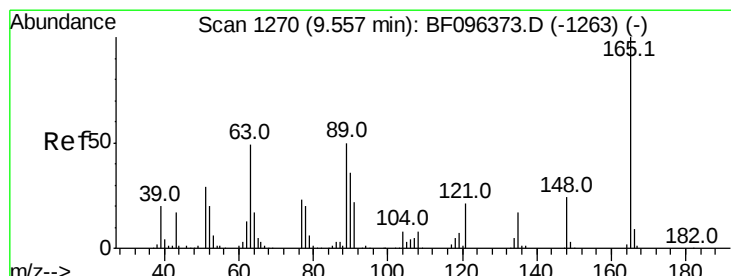
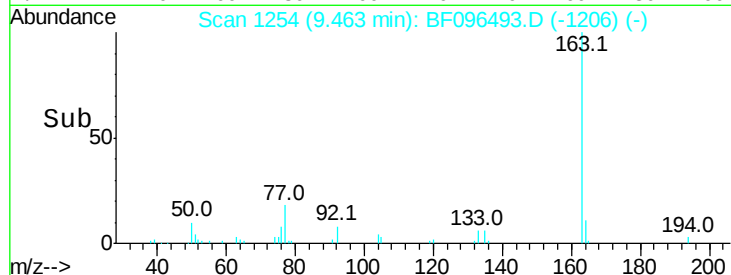
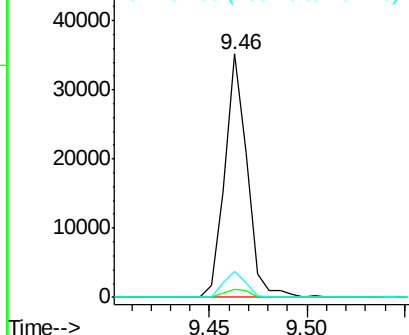
#49
 Dimethylphthalate
 Concen: 2.15 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 27928
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.6 8.4 12.6

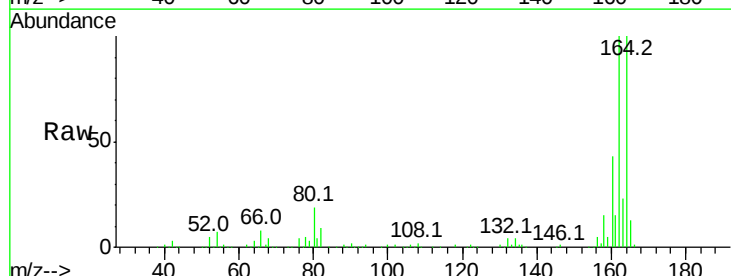


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

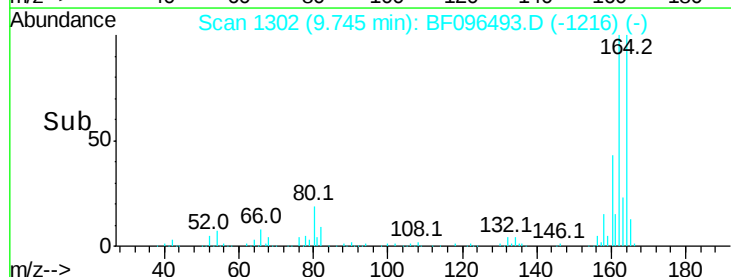
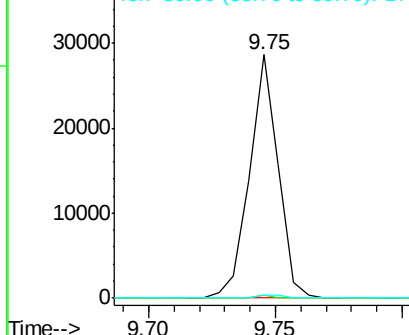


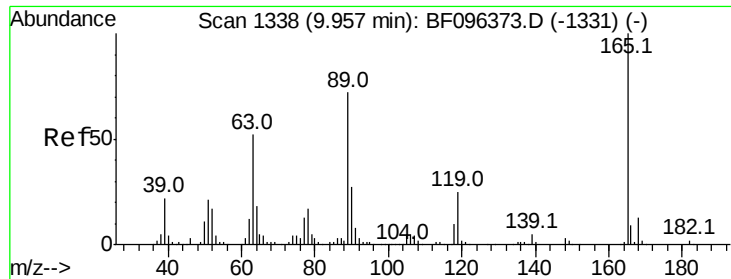
#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.21 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Tgt Ion:165 Resp: 22504
 Ion Ratio Lower Upper
 165 100
 63 1.4 34.3 51.5#
 89 1.1 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

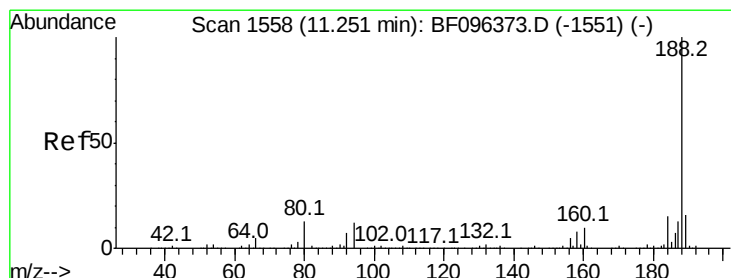
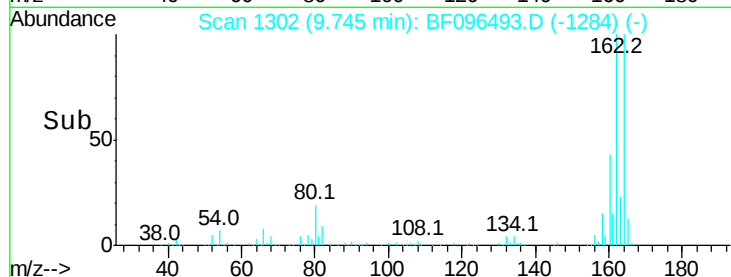
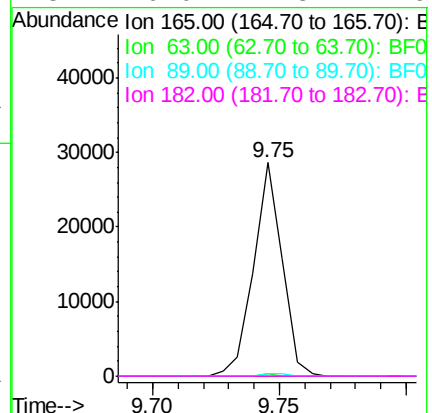
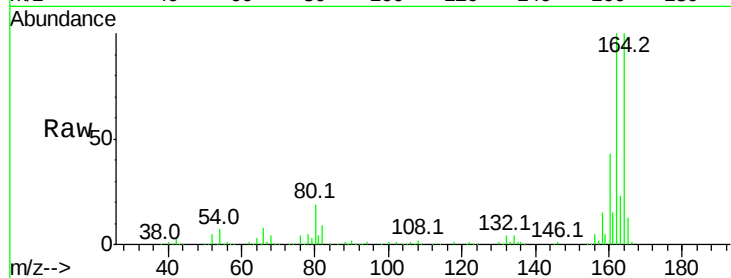




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

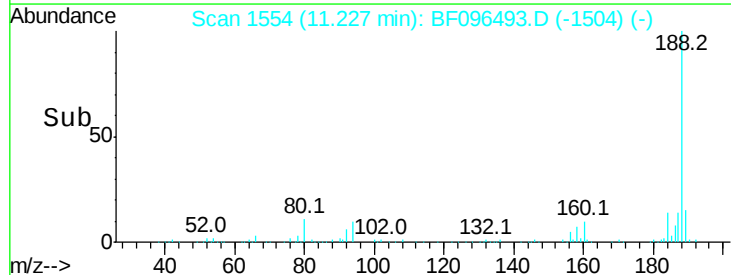
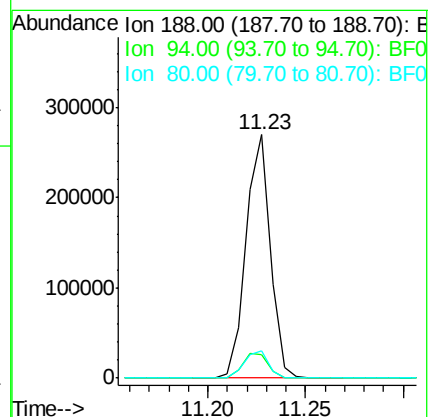
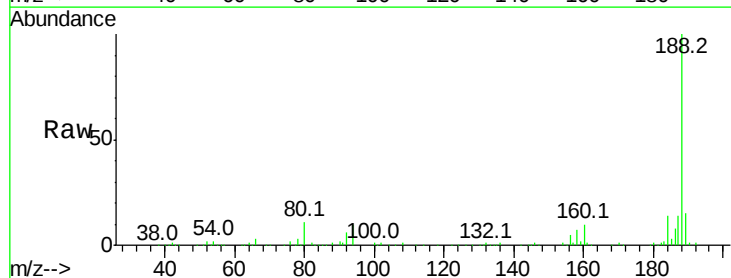
Instrument :
 BNA_F
 ClientSampleId :

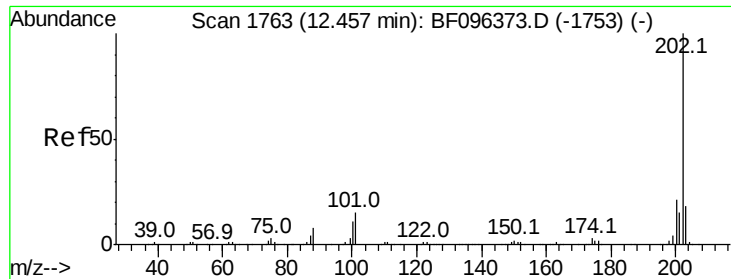
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	11.1	10.2	15.2

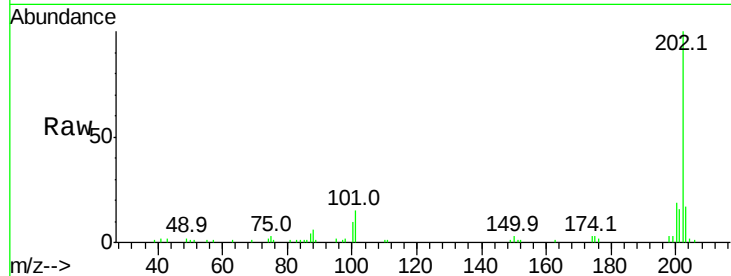




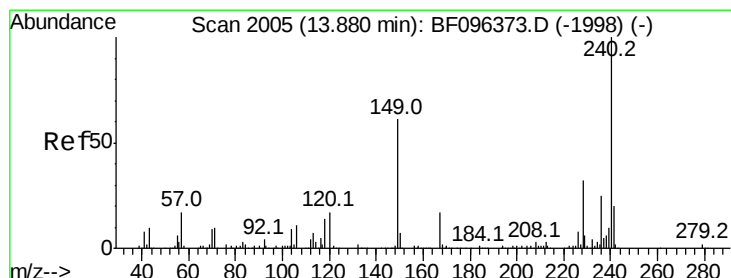
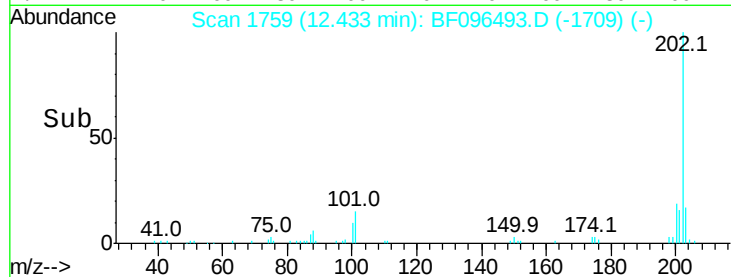
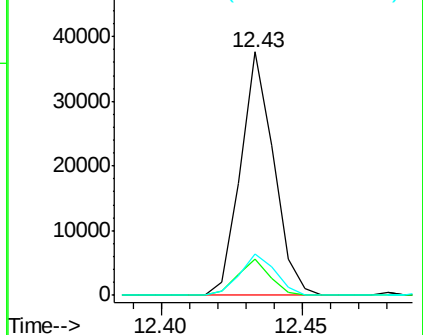
#74
 Fluoranthene
 Concen: 2.47 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 30642
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 33.2
 203 17.0 0.0 38.1

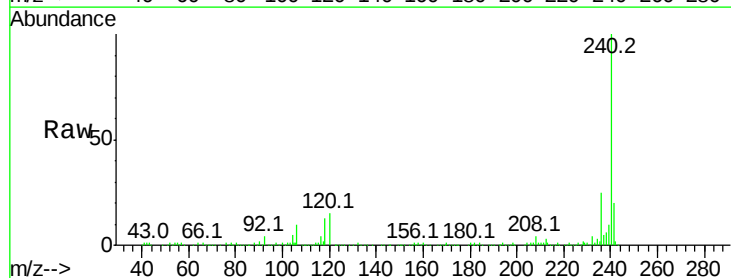


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

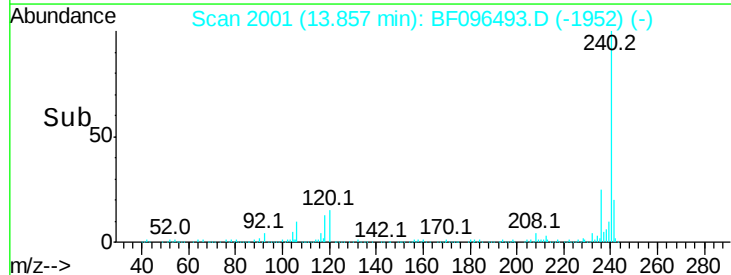
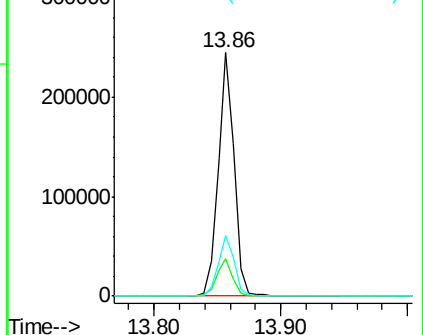


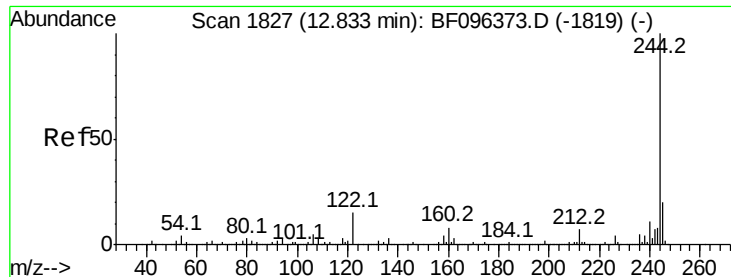
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Tgt Ion:240 Resp: 216178
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 25.1 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: 11.16 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

Instrument :

BNA_F

ClientSampleId :

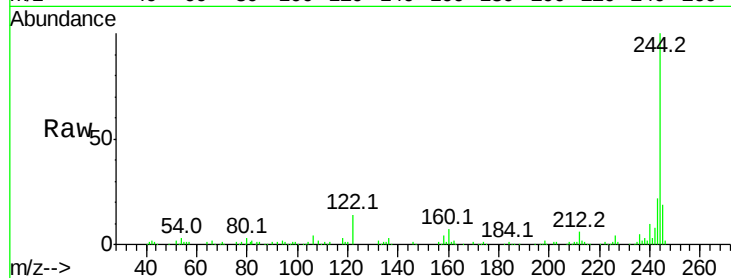
Tot Ion:244 Resp: 112890

Ion Ratio Lower Upper

244 100

212 5.6 6.0 9.0#

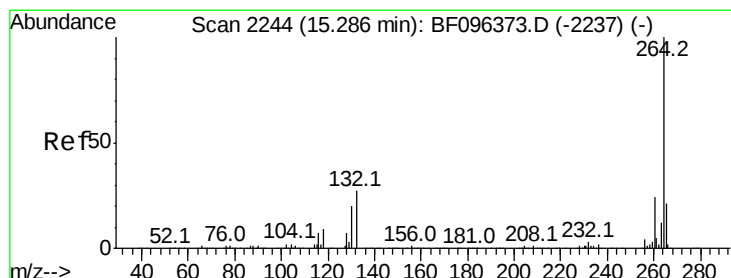
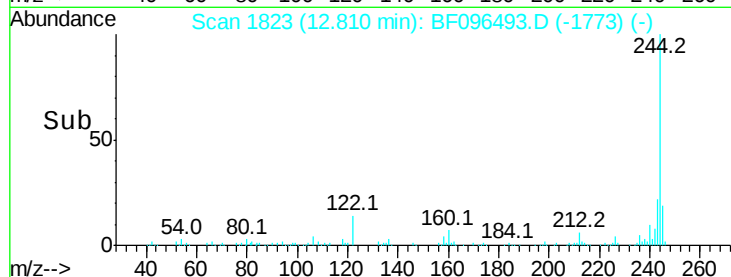
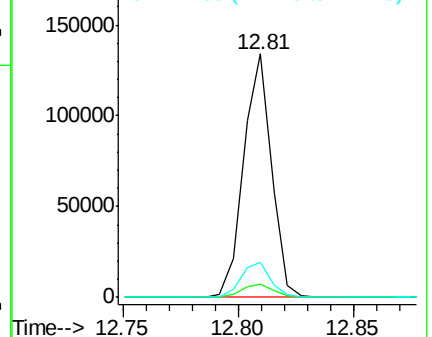
122 14.3 10.3 15.5



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF096493.D

Acq: 5 Jul 2017 19:28

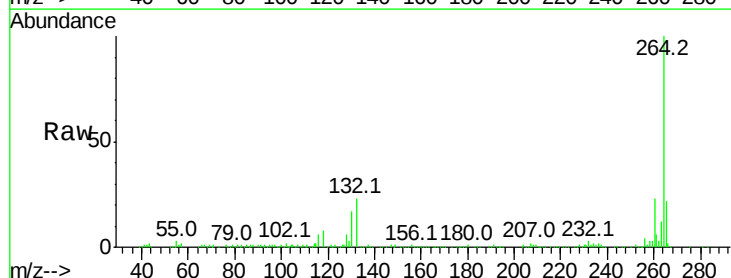
Tgt Ion:264 Resp: 181199

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

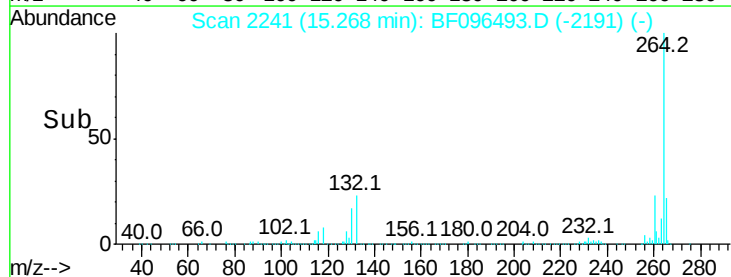
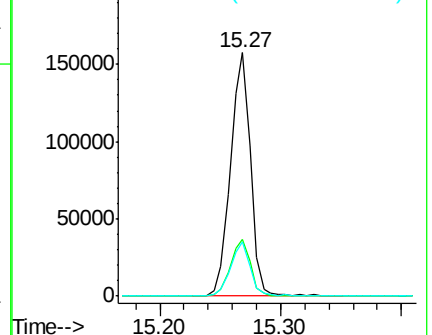
265 22.2 17.2 25.8

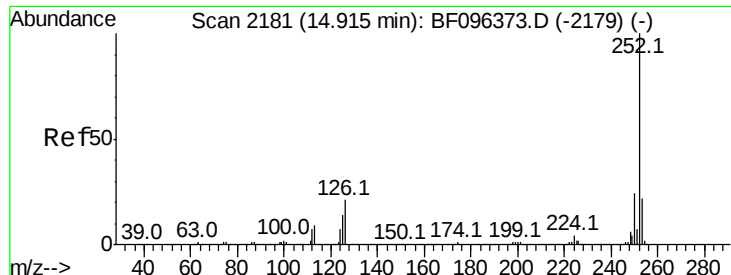


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

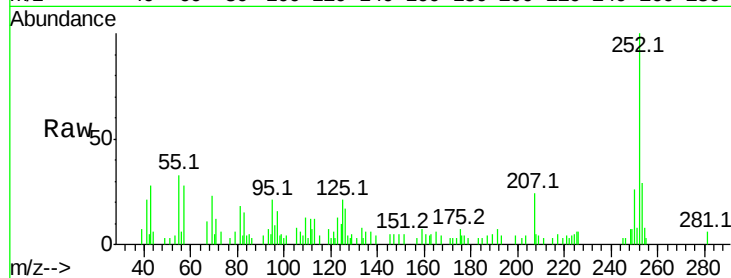




#88
 Benzo(k)fluoranthene
 Concen: 2.10 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.04 min
 Lab File: BF096493.D
 Acq: 5 Jul 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.4	27.6#
125	21.3	13.1	19.7#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

