

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096458.D
 Acq On : 4 Jul 2017 00:29
 Operator : SJ/MA
 Sample : I4028-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:18:05 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

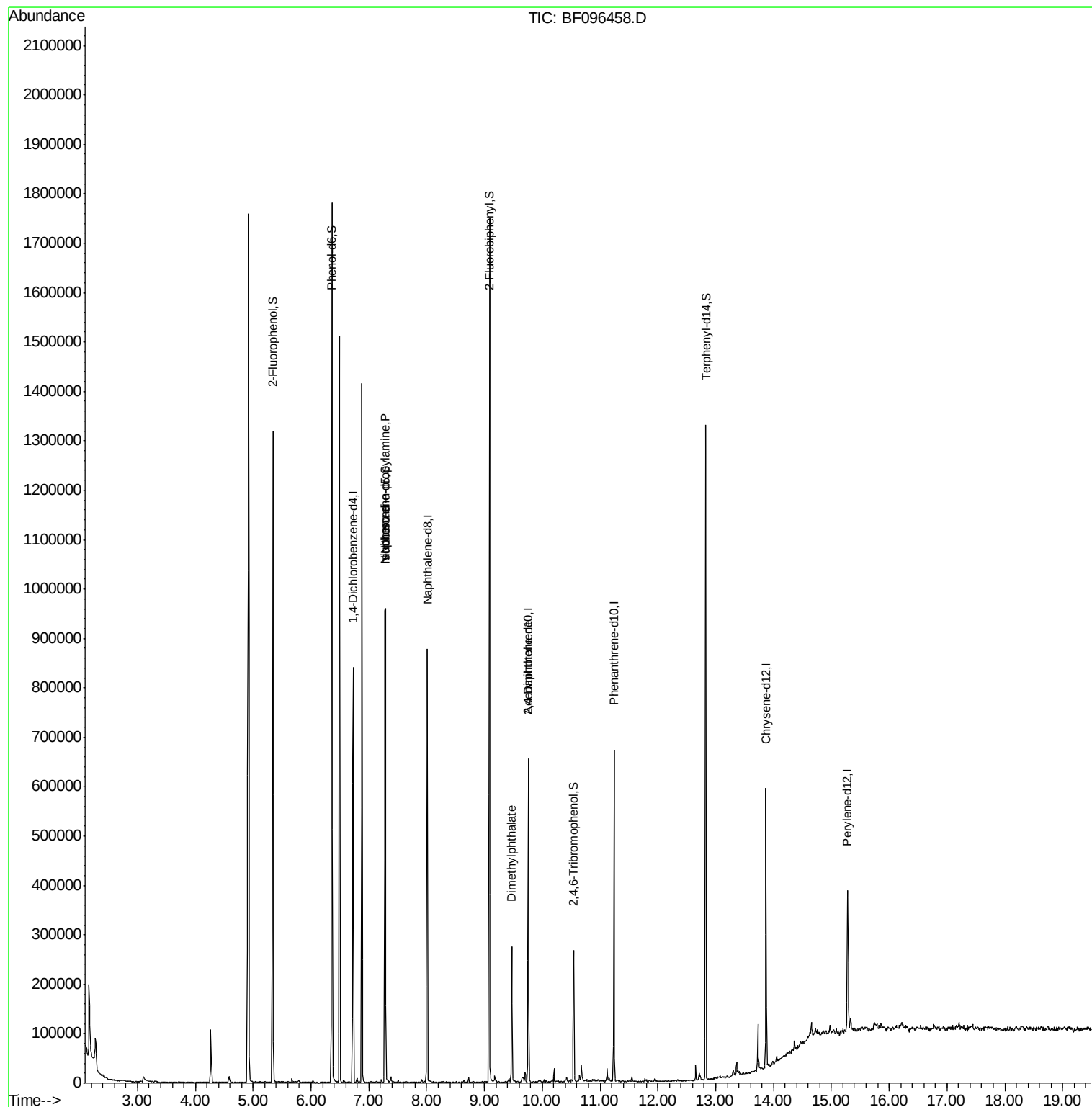
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113242	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	382308	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	134366	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	217966	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	189119	20.00	ng	-0.01
86) Perylene-d12	15.28	264	118697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	336798	43.90	ng	0.00
7) Phenol-d6	6.36	99	534002	56.61	ng	-0.01
23) Nitrobenzene-d5	7.29	82	300301	47.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	29483	28.09	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	561447	71.44	ng	-0.01
78) Terphenyl-d14	12.83	244	415645	46.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	38306	6.82	ng	# 88
25) Isophorone	7.29	82	299130	24.25	ng	# 67
49) Dimethylphthalate	9.47	163	102245	10.19	ng	98
56) 2,4-Dinitrotoluene	9.76	165	16913	6.02	ng	# 32

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

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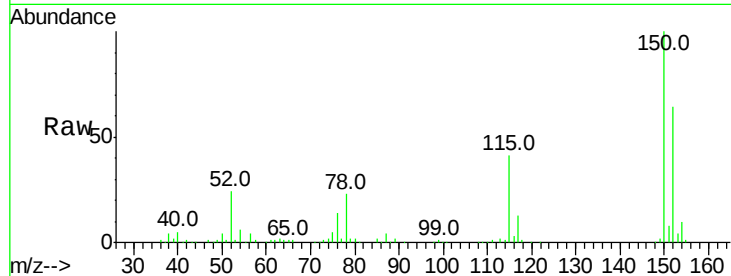


#1

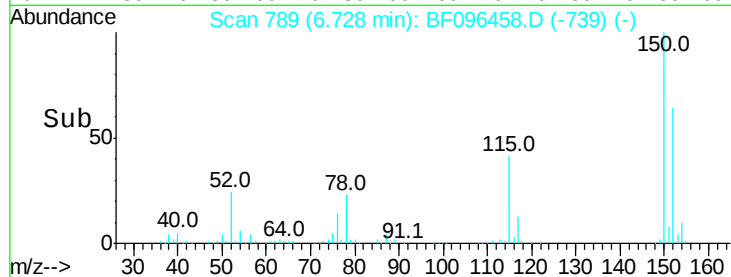
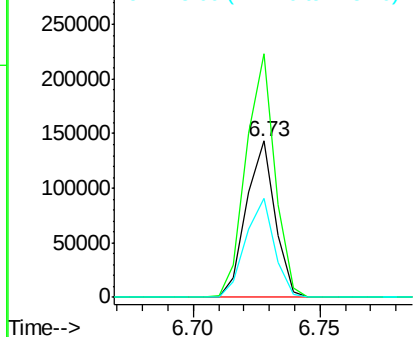
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113242
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 63.1 52.2 78.2



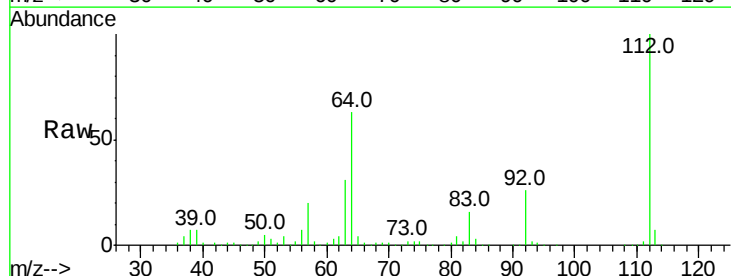
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



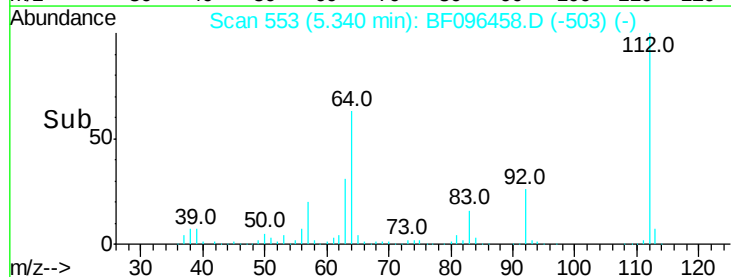
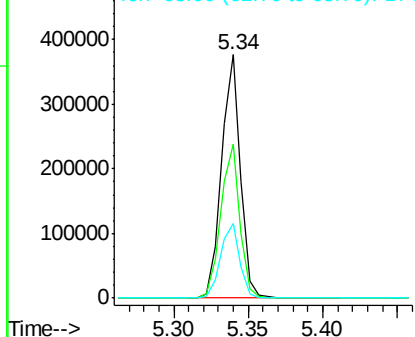
#5

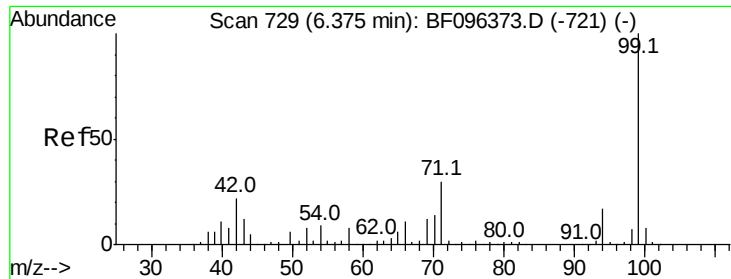
2-Fluorophenol
Concen: 43.90 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Tgt Ion:112 Resp: 336798
Ion Ratio Lower Upper
112 100
64 63.0 46.0 69.0
63 30.9 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: 56.61 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

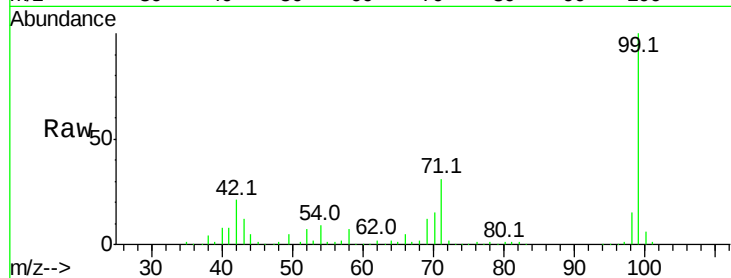
Tot Ion: 99 Resp: 534002

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

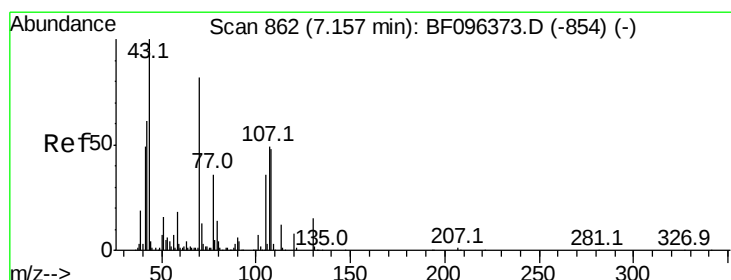
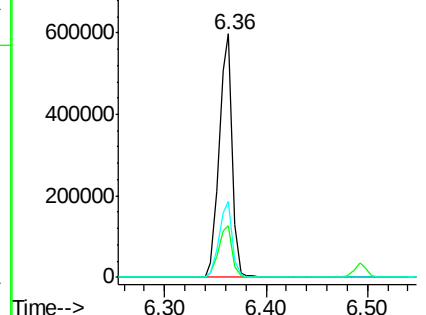
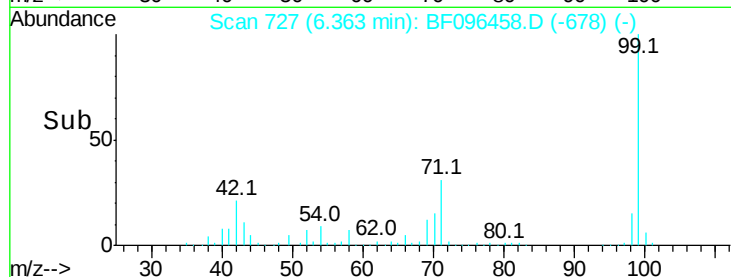
71 31.0 24.5 36.7



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: 6.82 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

Tgt Ion: 70 Resp: 38306

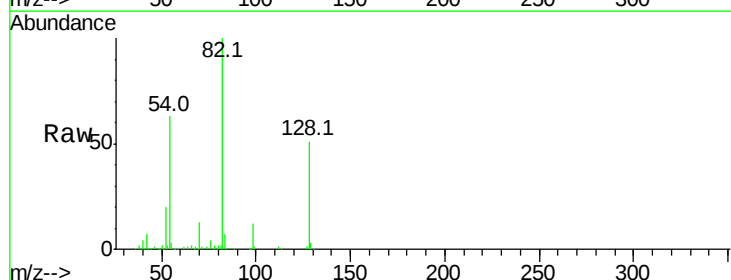
Ion Ratio Lower Upper

70 100

42 57.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

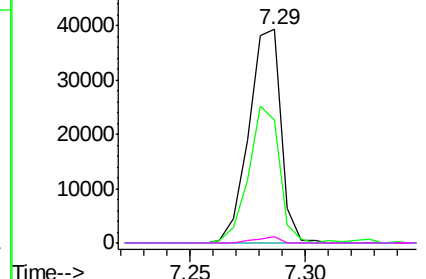
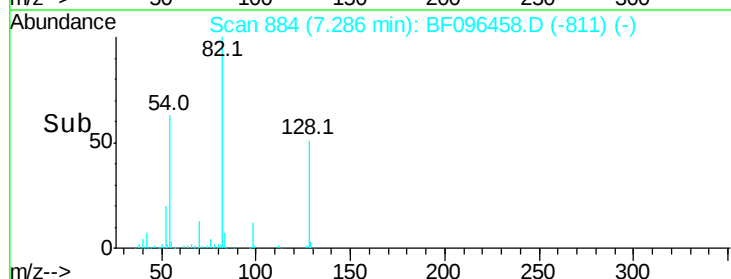


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 382308

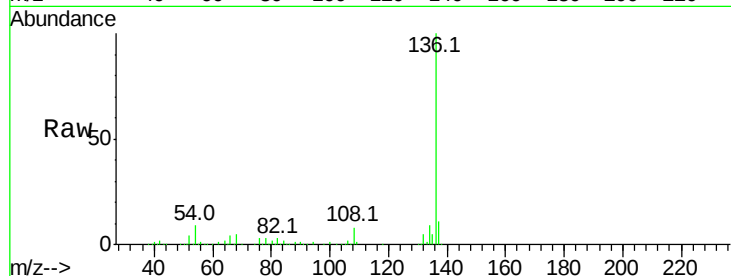
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.3 4.9 7.3#

68 5.3 4.1 6.1

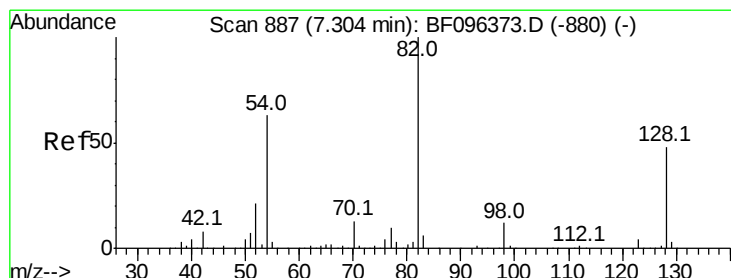
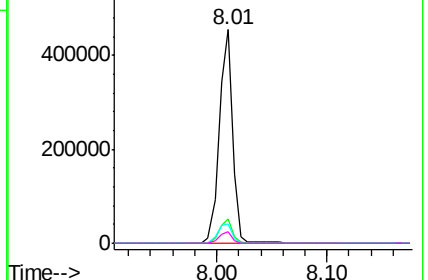
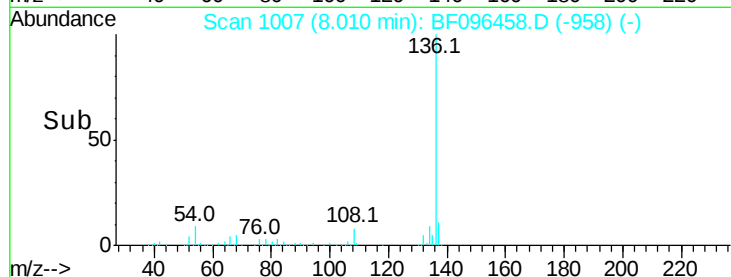


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.20 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

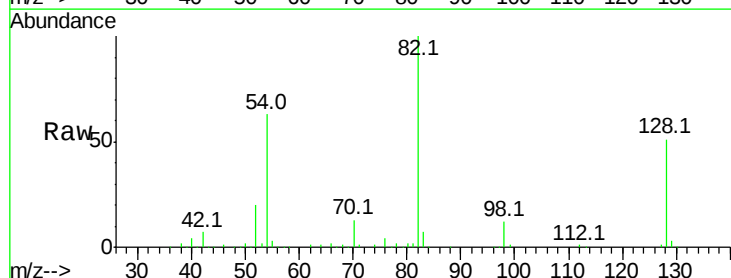
Tgt Ion: 82 Resp: 300301

Ion Ratio Lower Upper

82 100

128 51.1 34.0 51.0#

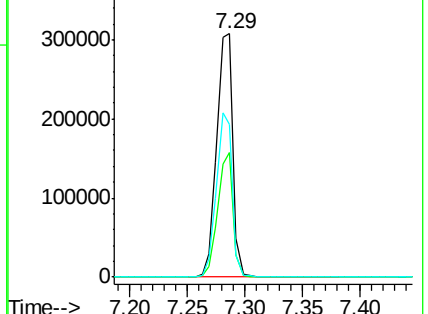
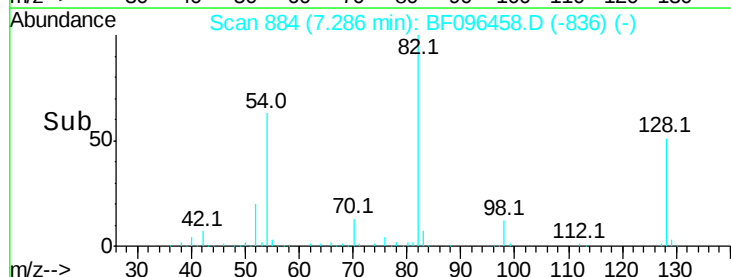
54 62.7 42.2 63.2

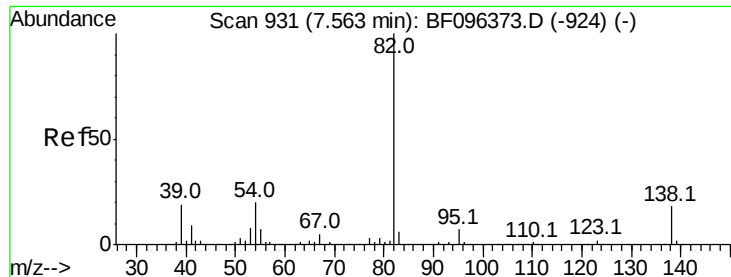


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 24.25 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

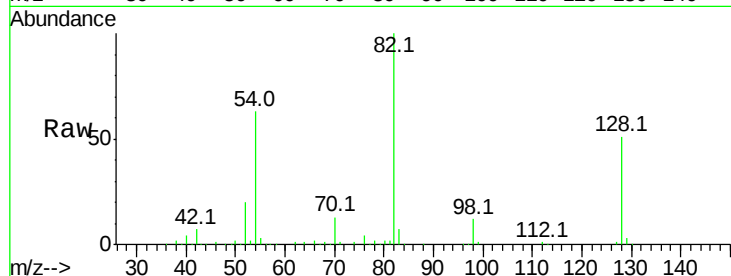
Tot Ion: 82 Resp: 299130

Ion Ratio Lower Upper

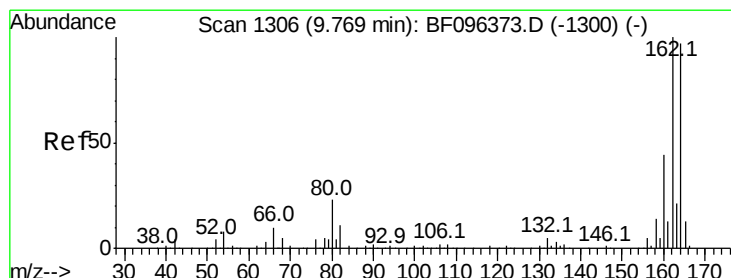
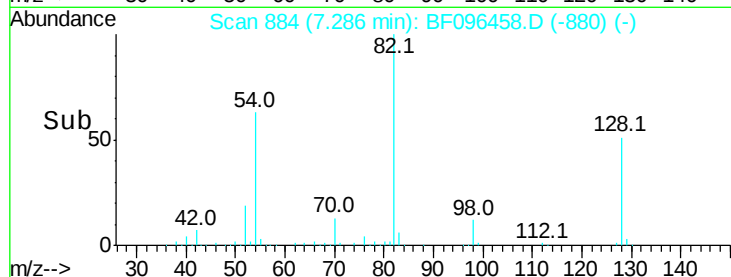
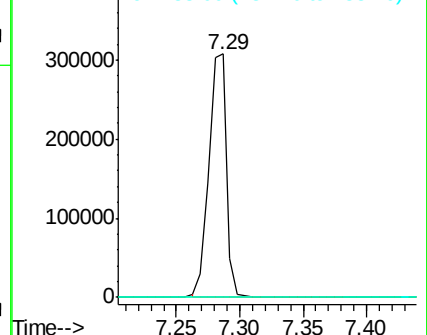
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

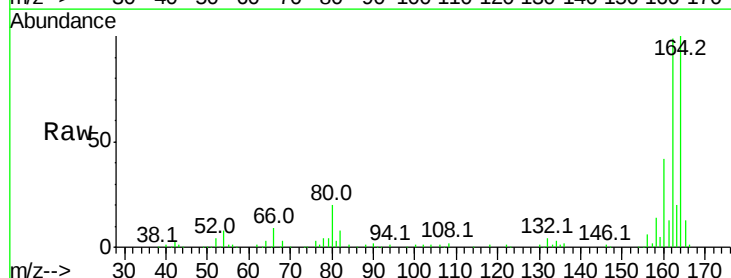
Tgt Ion:164 Resp: 134366

Ion Ratio Lower Upper

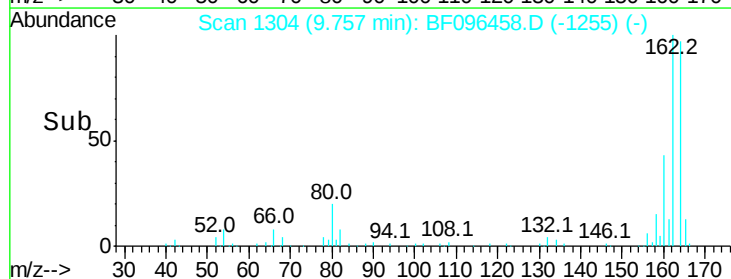
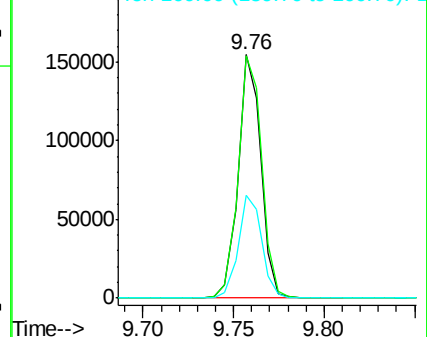
164 100

162 99.4 82.6 123.8

160 42.4 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

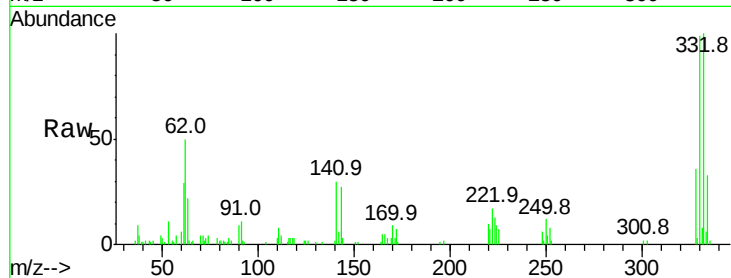




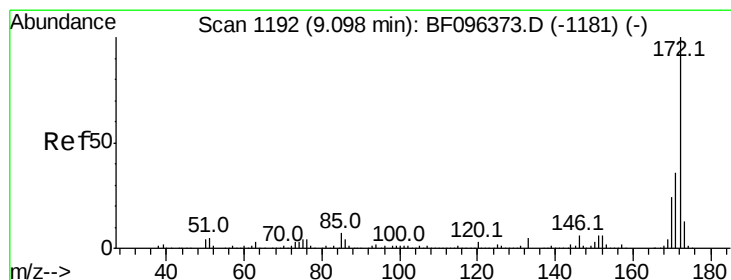
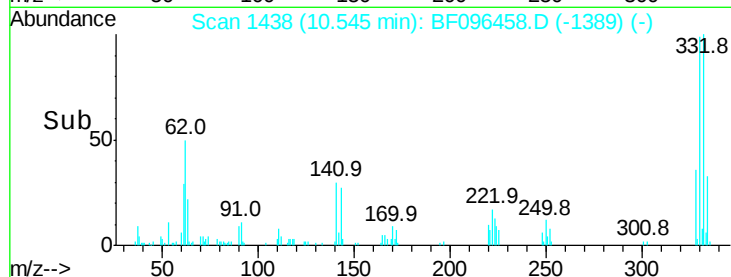
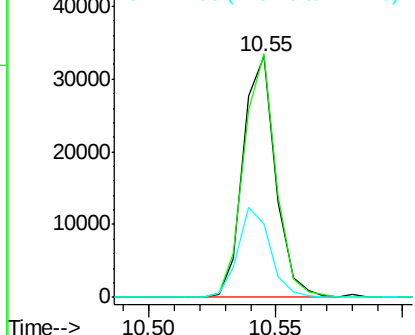
#41
 2,4,6-Tribromophenol
 Concen: 28.09 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096458.D
 Acq: 4 Jul 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 29483
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.6 115.0
 141 37.4 31.4 47.2

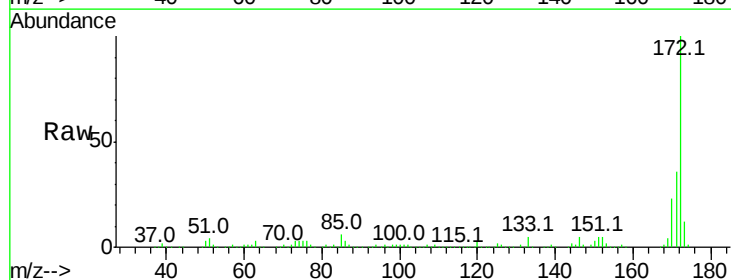


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

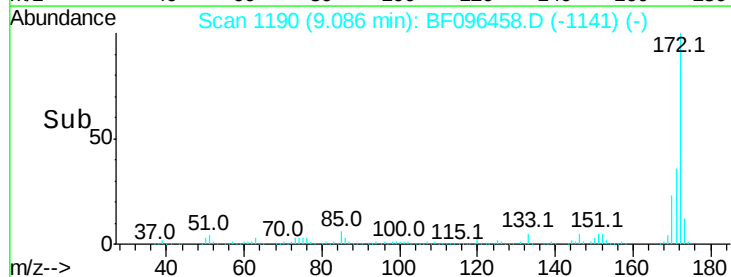
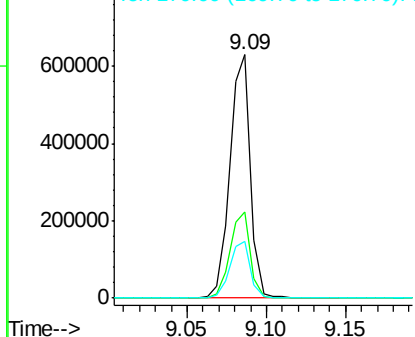


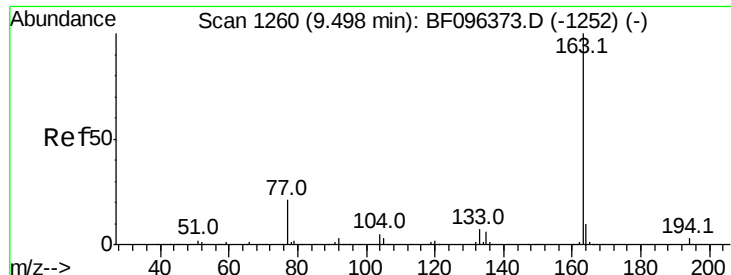
#44
 2-Fluorobiphenyl
 Concen: 71.44 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096458.D
 Acq: 4 Jul 2017 00:29

Tgt Ion:172 Resp: 561447
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.2 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

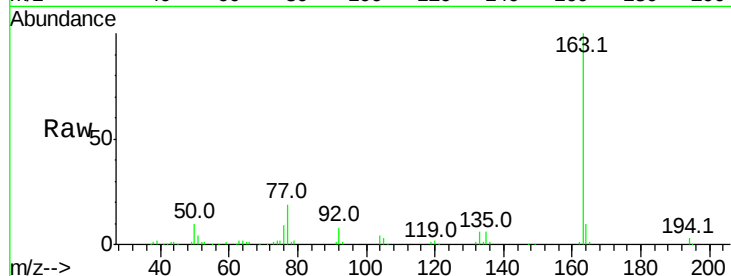




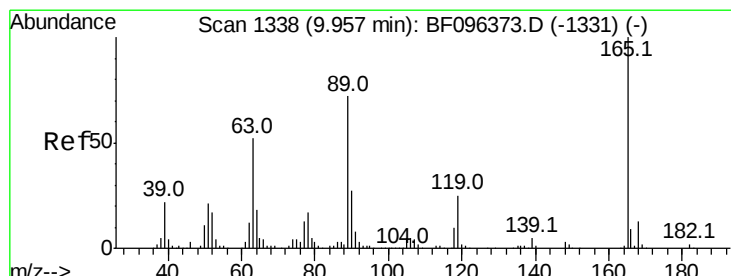
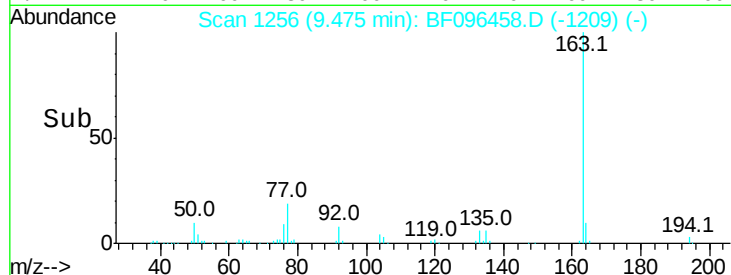
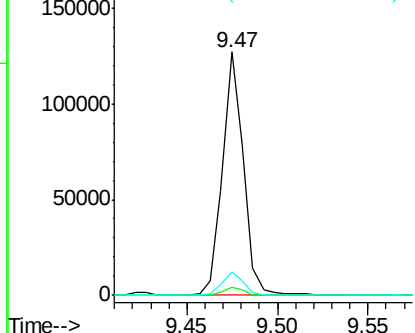
#49
Dimethylphthalate
Concen: 10.19 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 102245
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.5 8.4 12.6

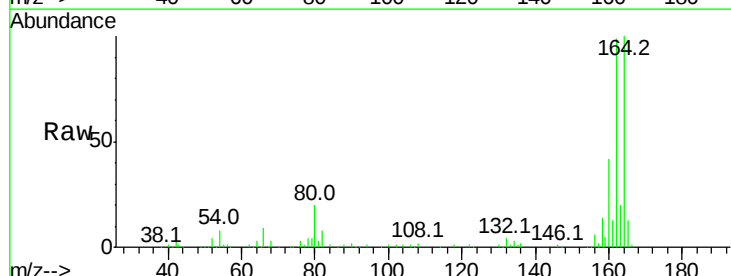


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

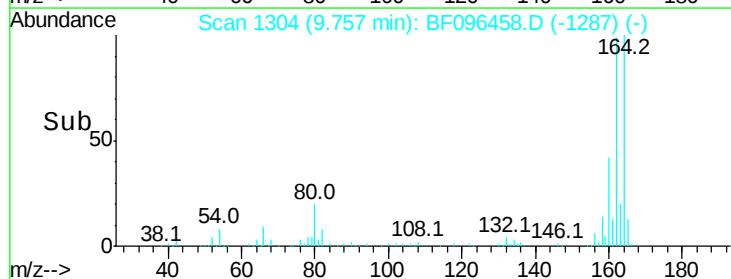
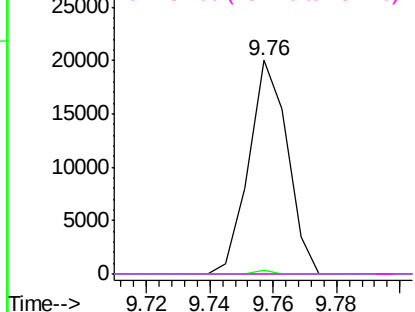


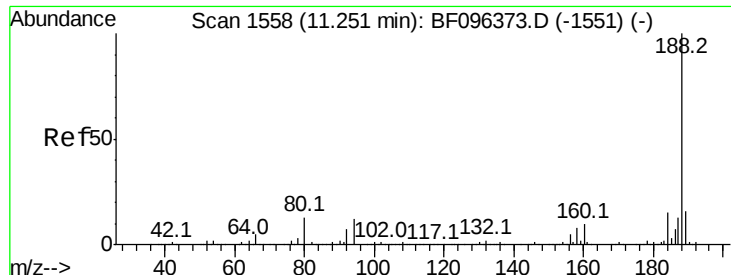
#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Tgt Ion:165 Resp: 16913
Ion Ratio Lower Upper
165 100
63 1.5 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

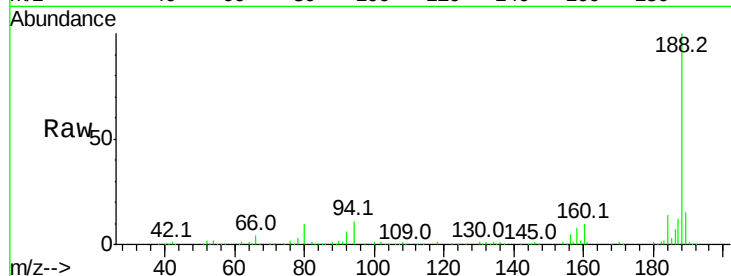




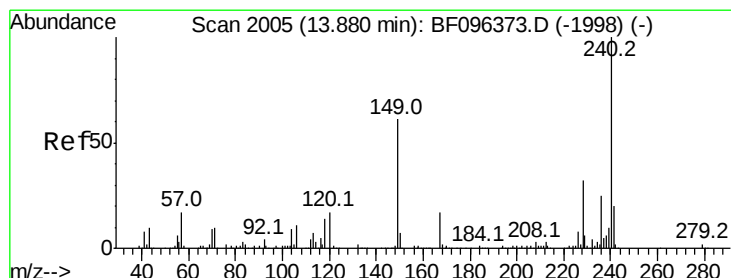
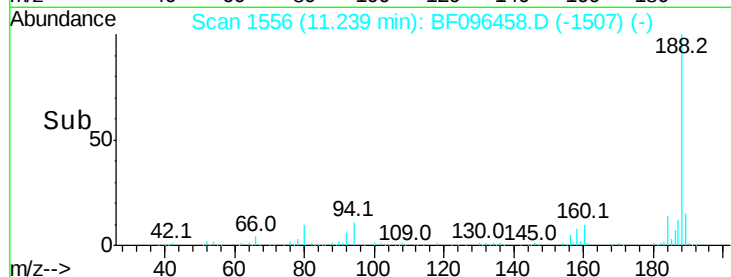
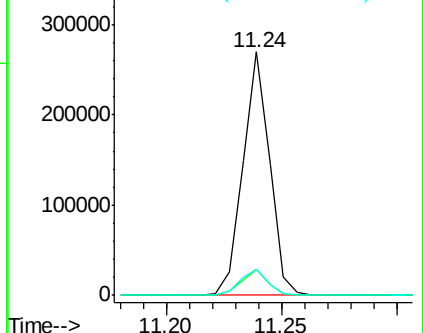
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 217966
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.4 10.2 15.2

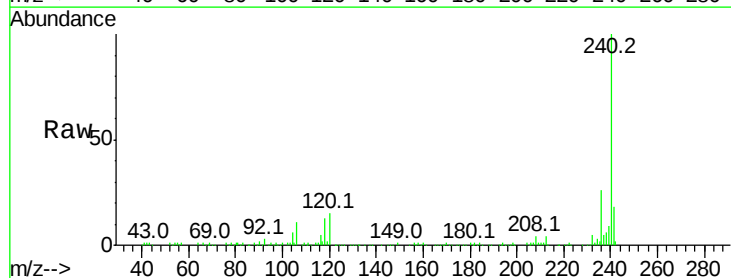


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

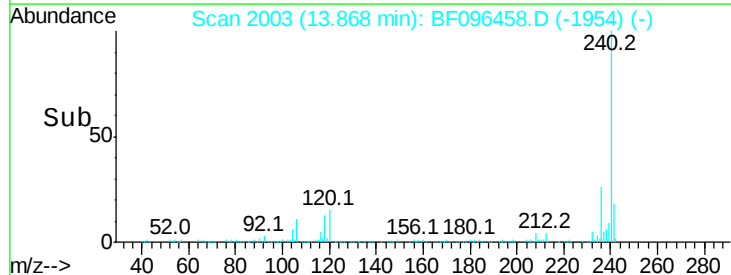
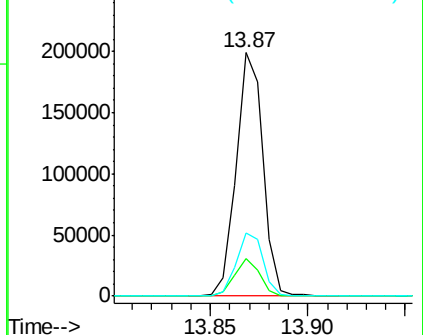


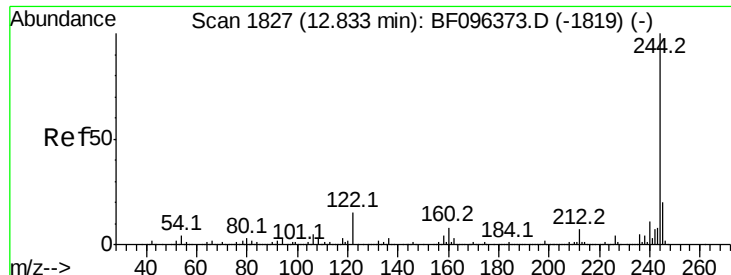
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Tgt Ion:240 Resp: 189119
Ion Ratio Lower Upper
240 100
120 15.3 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: 46.96 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

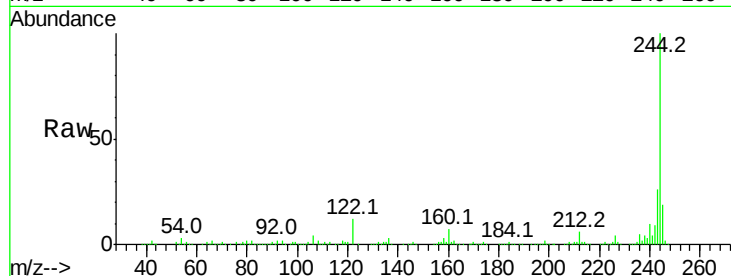
Tot Ion:244 Resp: 415645

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

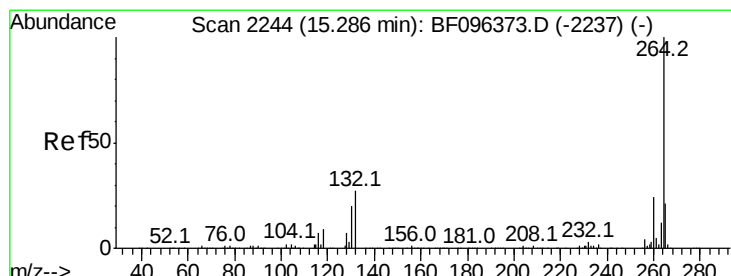
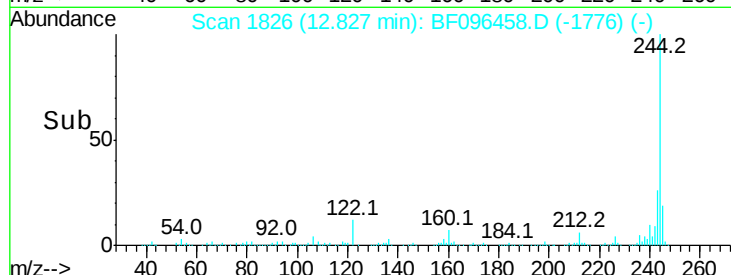
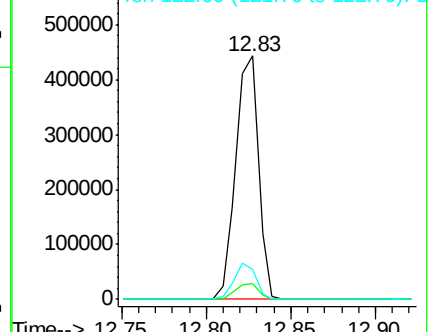
122 12.5 10.3 15.5



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: 20.00 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

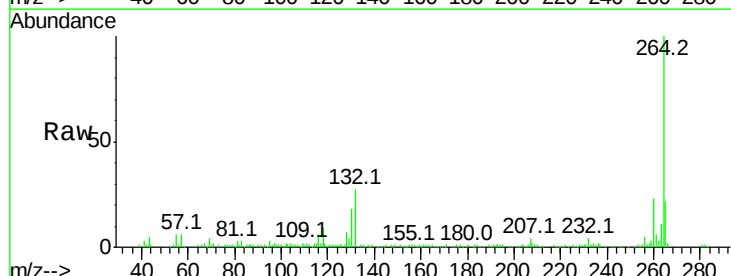
Tgt Ion:264 Resp: 118697

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 22.1 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

