

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096842.D
 Acq On : 18 Jul 2017 12:35
 Operator : SJ/JU
 Sample : I4224-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEC-02

Quant Time: Jul 18 14:13:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

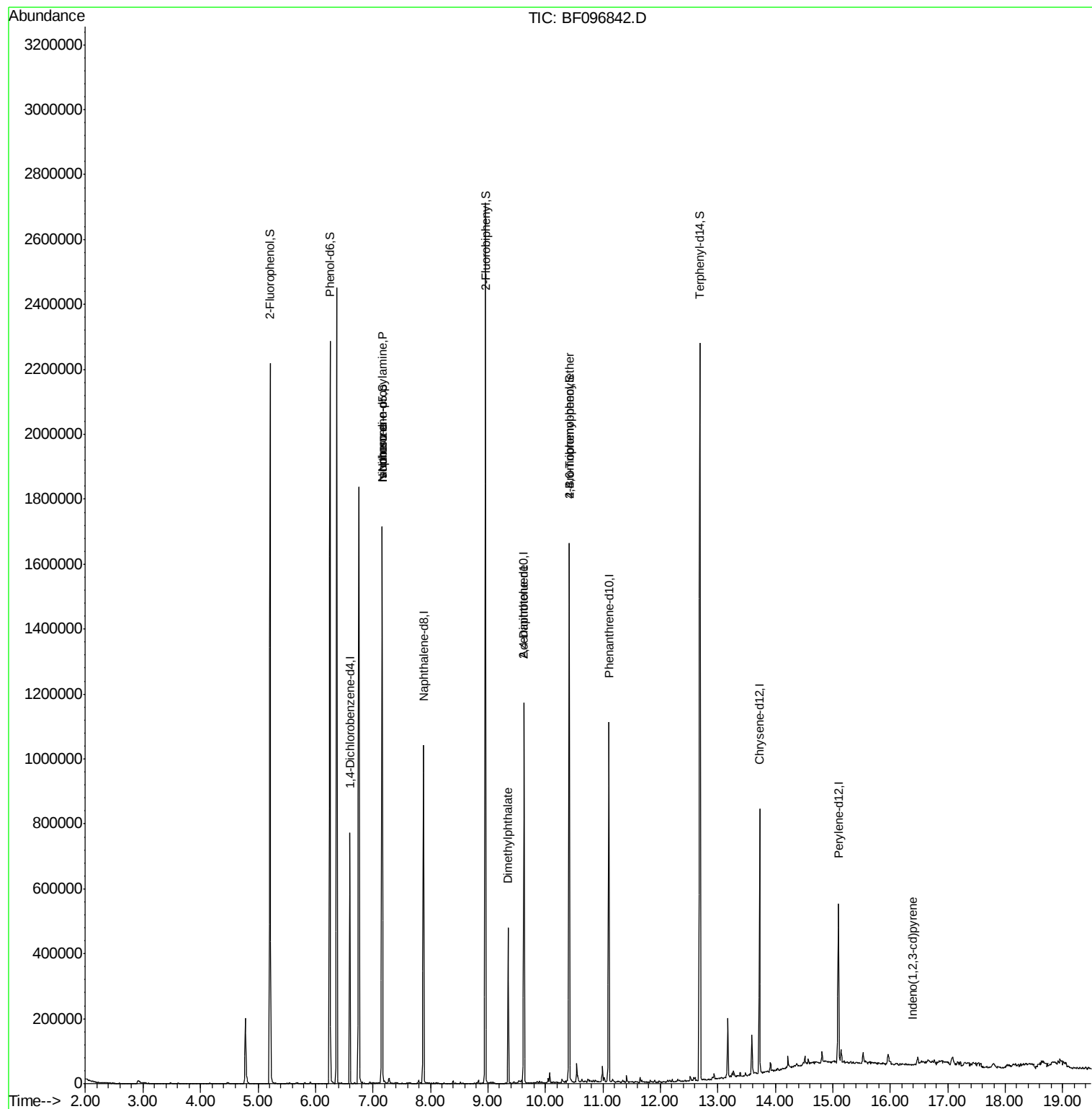
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	110839	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	508151	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	226420	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	380793	20.00	ng	0.00
75) Chrysene-d12	13.73	240	258992	20.00	ng	0.00
86) Perylene-d12	15.10	264	191846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	677641	91.93	ng	0.02
7) Phenol-d6	6.25	99	844646	95.48	ng	0.00
23) Nitrobenzene-d5	7.16	82	536063	65.34	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	204370	105.74	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	947914	66.14	ng	0.00
78) Terphenyl-d14	12.69	244	768701	51.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	70947	13.312	ng	# 88
25) Isophorone	7.16	82	530533	34.763	ng	# 67
49) Dimethylphthalate	9.35	163	184313	10.811	ng	100
56) 2,4-Dinitrotoluene	9.63	165	28597	6.027	ng	# 33
66) 4-Bromophenyl-phenylether	10.42	248	12622	3.247	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.38	276	112	3.335	ng	# 44

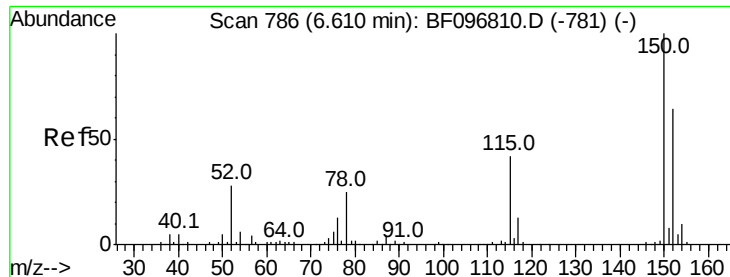
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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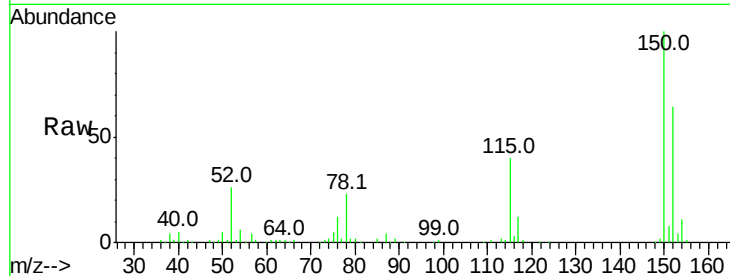


#1

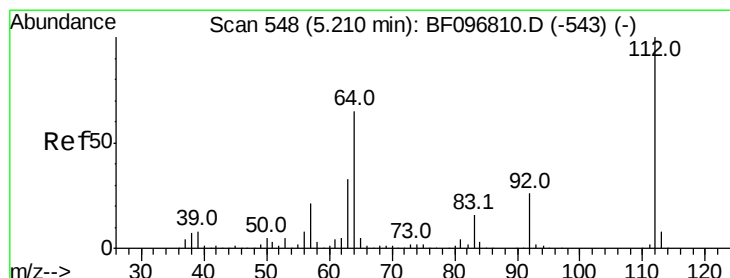
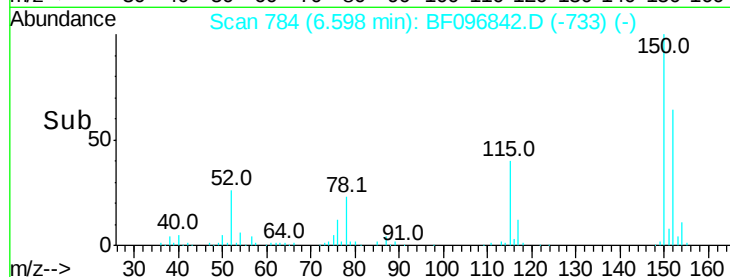
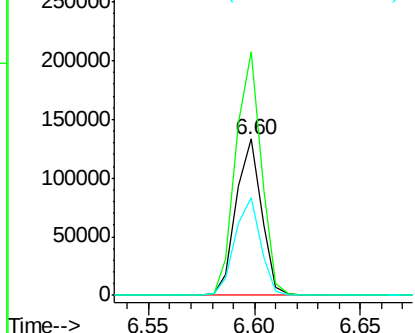
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096842.D
Acq: 18 Jul 2017 12:35

Instrument :
BNA_F
ClientSampled :
DEC-02

Tot Ion:152 Resp: 110839
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 62.2 52.2 78.2



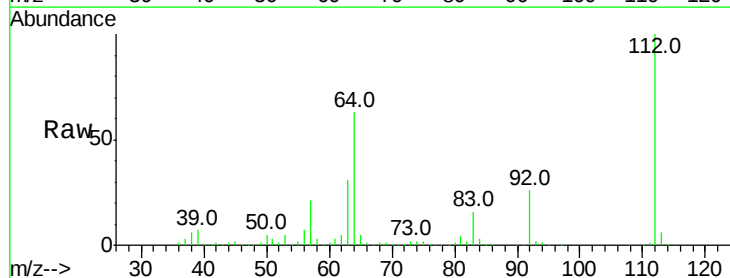
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



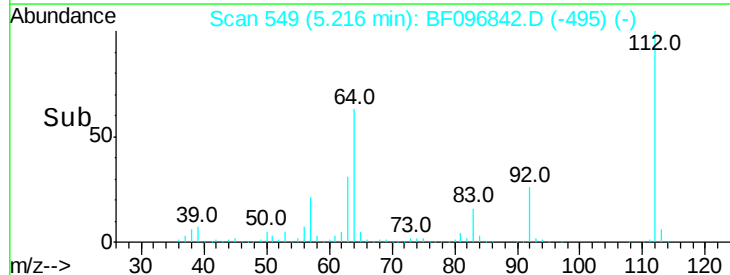
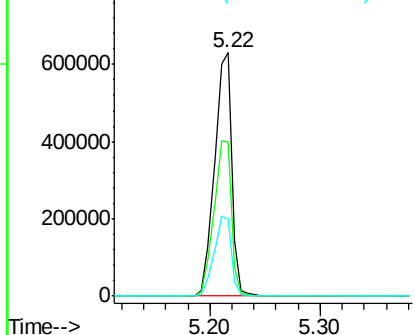
#5

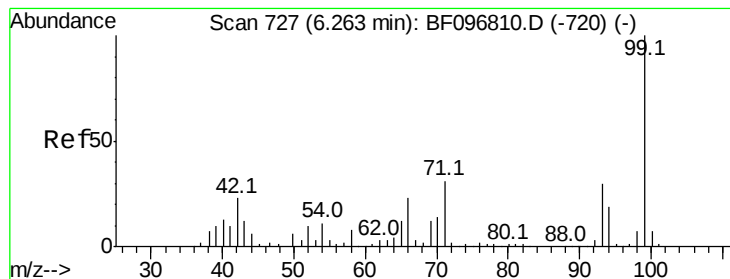
2-Fluorophenol
Concen: 91.925 ng
RT: 5.22 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF096842.D
Acq: 18 Jul 2017 12:35

Tgt Ion:112 Resp: 677641
Ion Ratio Lower Upper
112 100
64 63.1 46.0 69.0
63 31.5 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: 95.481 ng

RT: 6.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Instrument :

BNA_F

ClientSampleId :

DEC-02

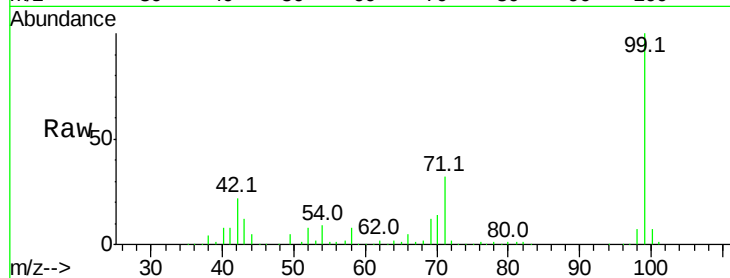
Tot Ion: 99 Resp: 844646

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

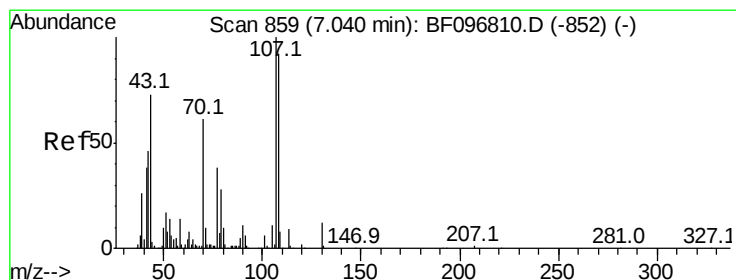
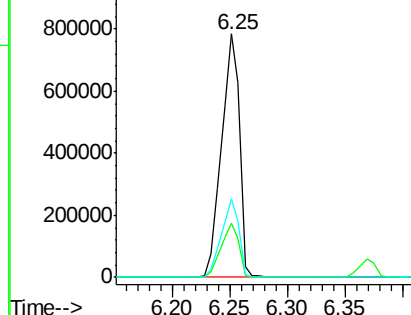
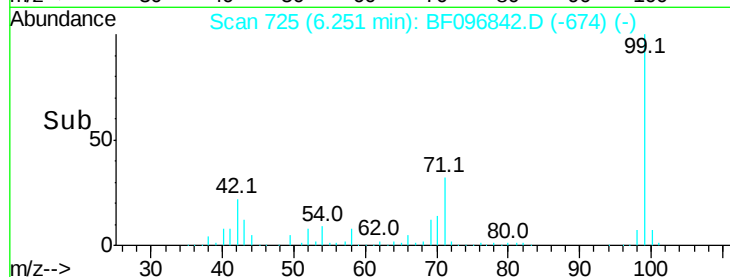
71 32.0 24.5 36.7



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: 13.312 ng

RT: 7.16 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Tgt Ion: 70 Resp: 70947

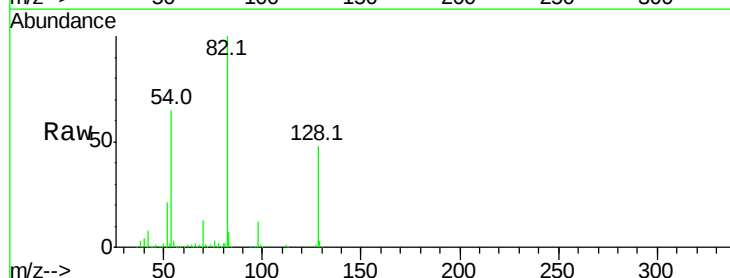
Ion Ratio Lower Upper

70 100

42 59.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

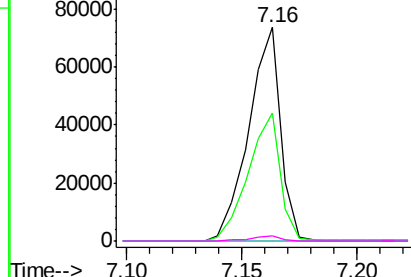
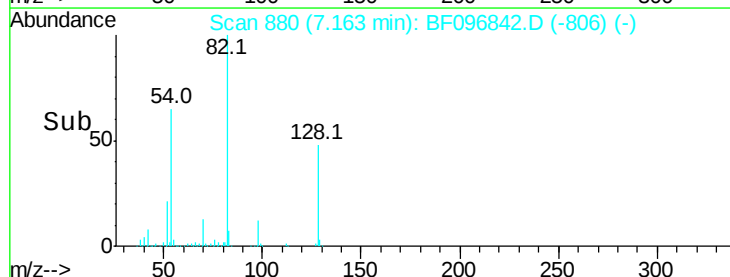


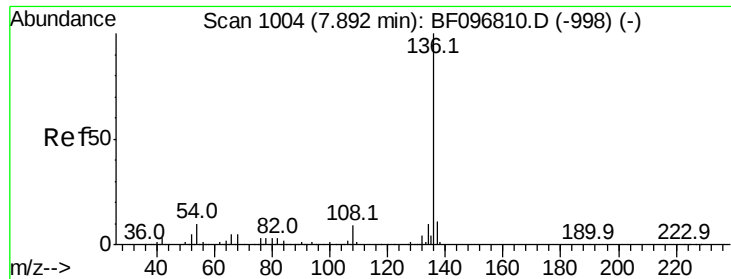
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Instrument :

BNA_F

ClientSampleId :

DEC-02

Tot Ion:136 Resp: 508151

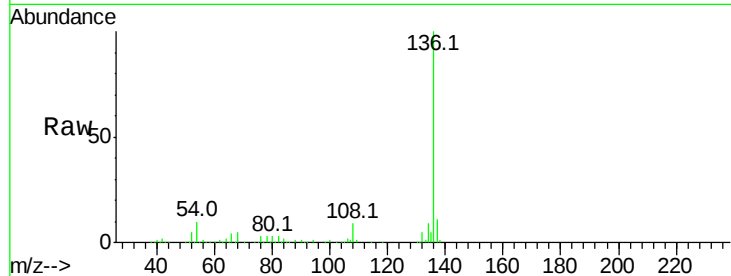
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.7 4.9 7.3#

68 4.6 4.1 6.1

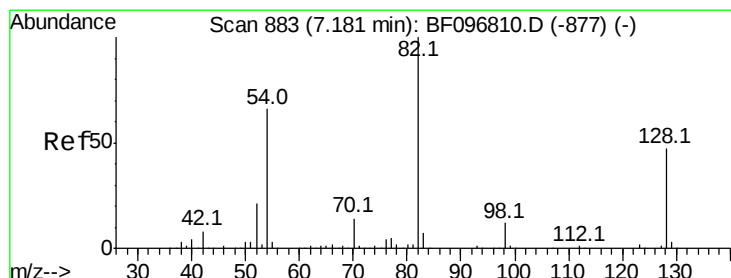
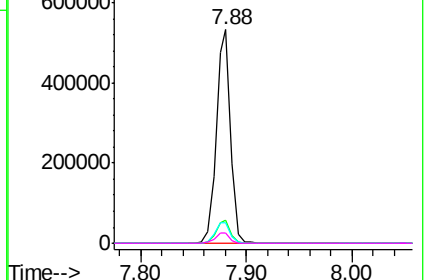
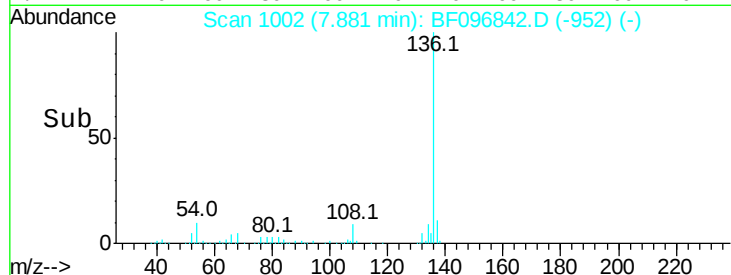


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.343 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

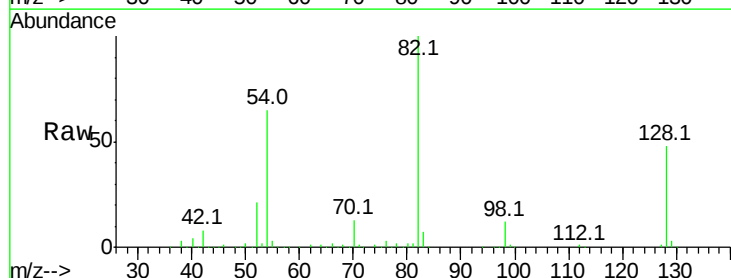
Tgt Ion: 82 Resp: 536063

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

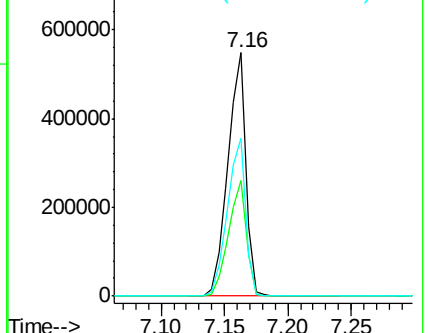
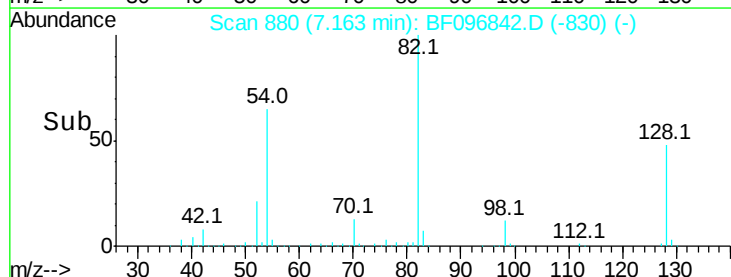
54 64.8 42.2 63.2#

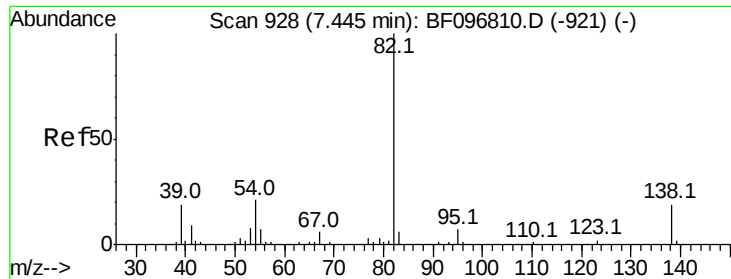


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.763 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Instrument :

BNA_F

ClientSampleId :

DEC-02

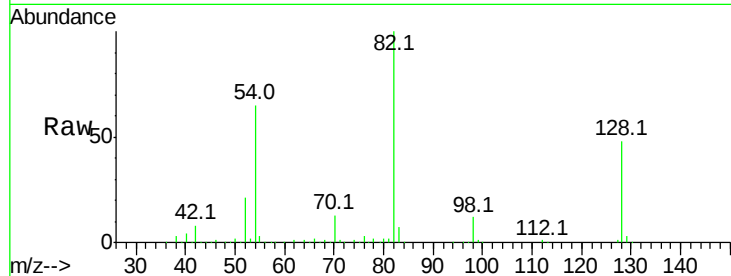
Tot Ion: 82 Resp: 530533

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

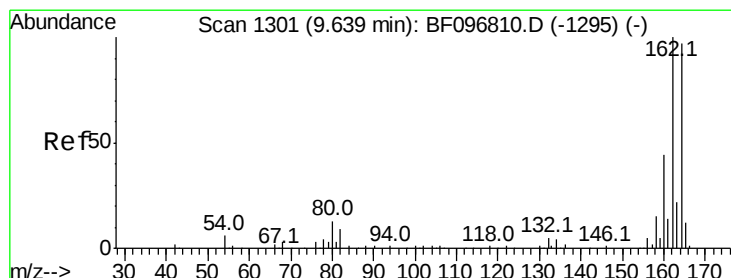
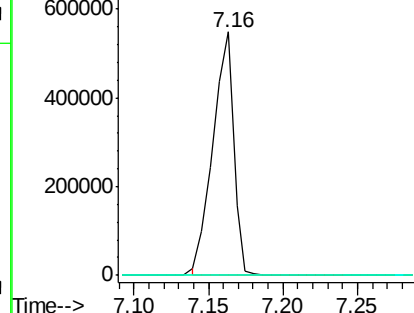
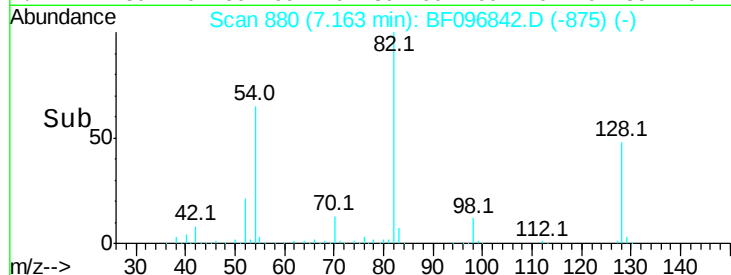
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

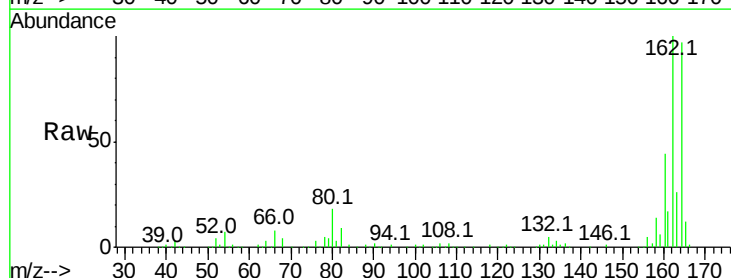
Tgt Ion:164 Resp: 226420

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

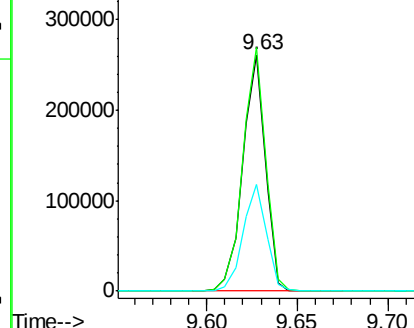
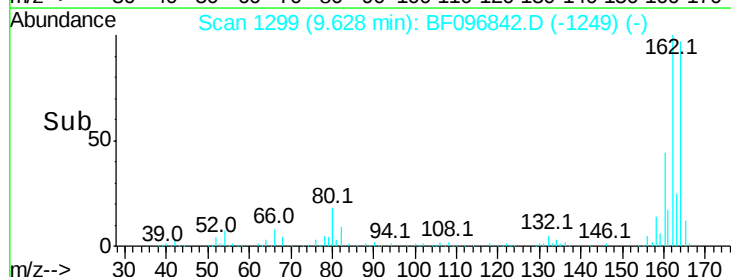
160 45.3 36.2 54.2

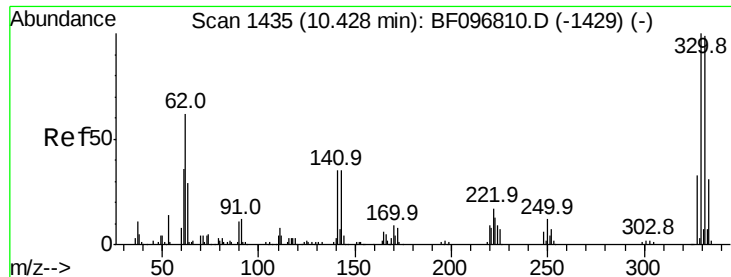


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

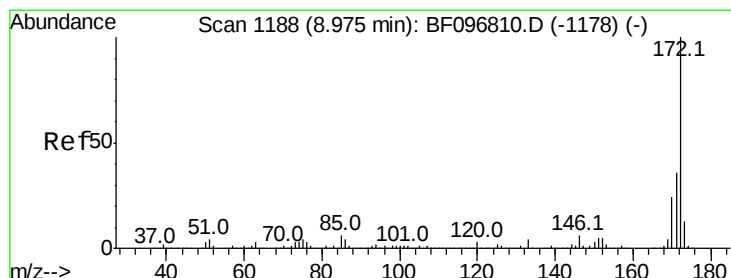
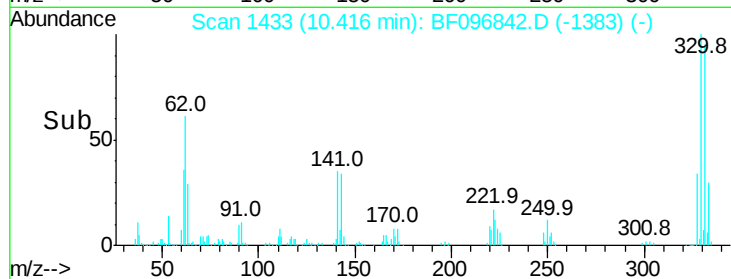
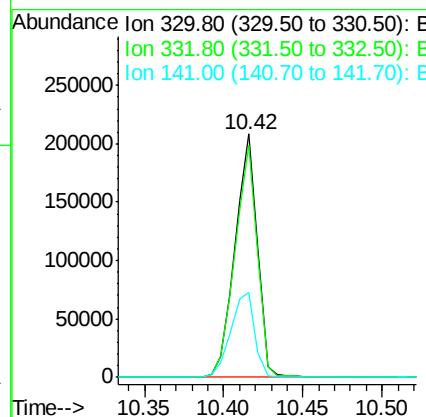
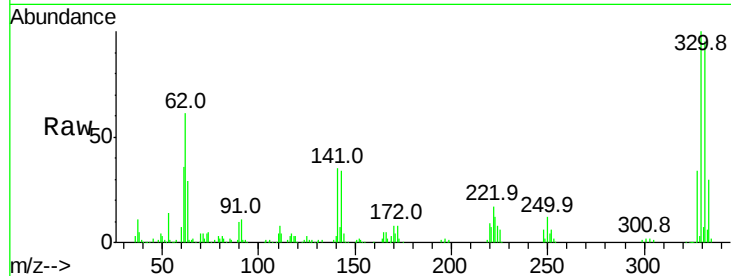




#41
 2,4,6-Tribromophenol
 Concen: 105.744 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096842.D
 Acq: 18 Jul 2017 12:35

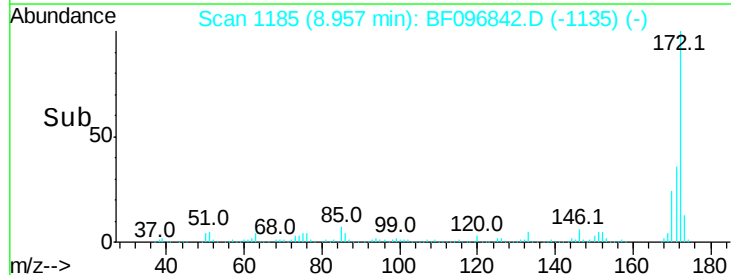
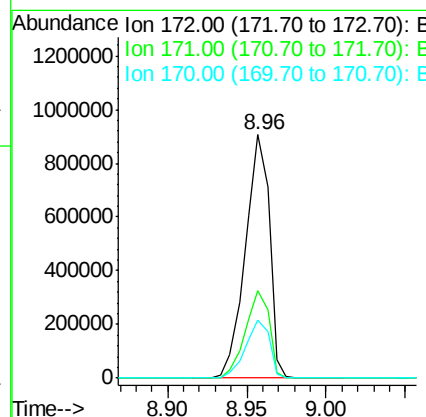
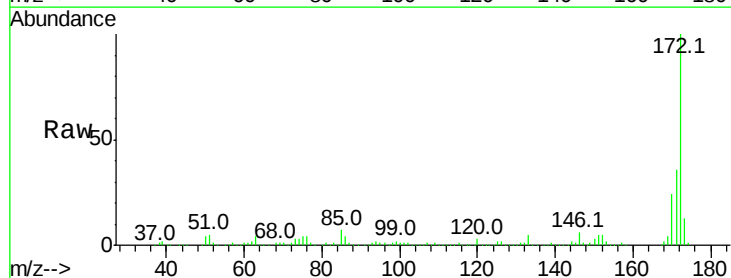
Instrument :
 BNA_F
 ClientSampleId :
 DEC-02

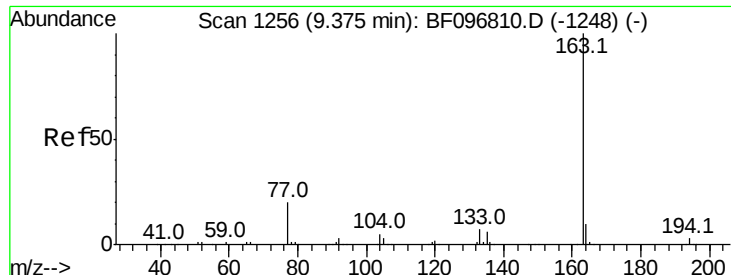
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	37.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 66.144 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096842.D
 Acq: 18 Jul 2017 12:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.1	19.8	29.8

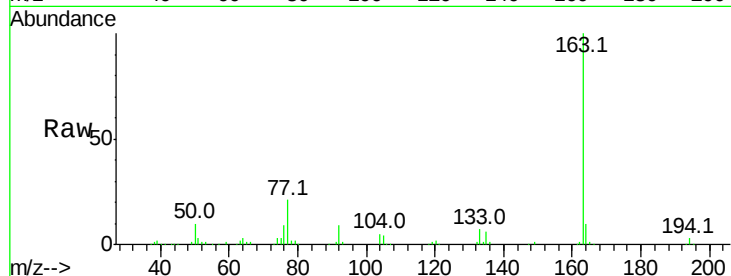




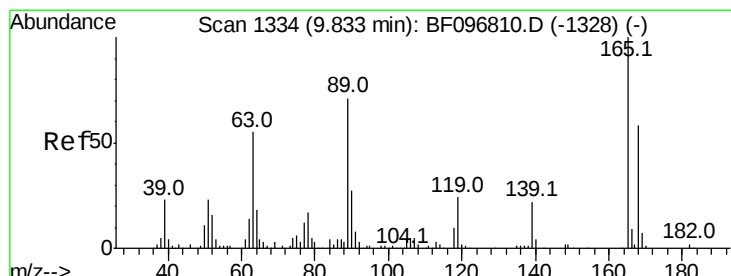
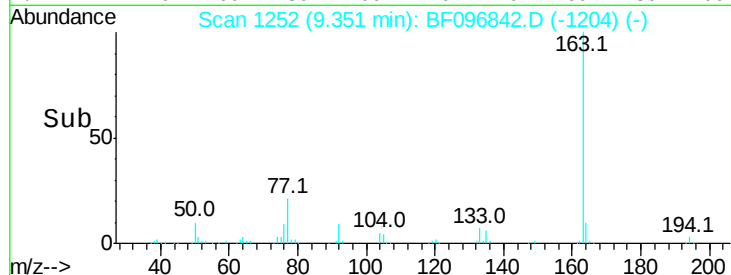
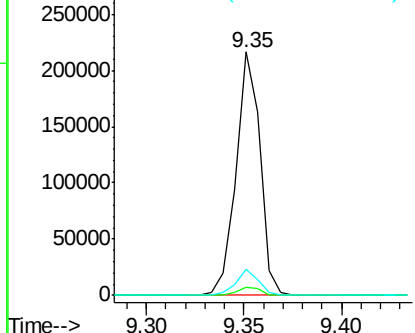
#49
Dimethylphthalate
Concen: 10.811 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096842.D
Acq: 18 Jul 2017 12:35

Instrument :
BNA_F
ClientSampleID :
DEC-02

Tot Ion:163 Resp: 184313
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.5 8.4 12.6

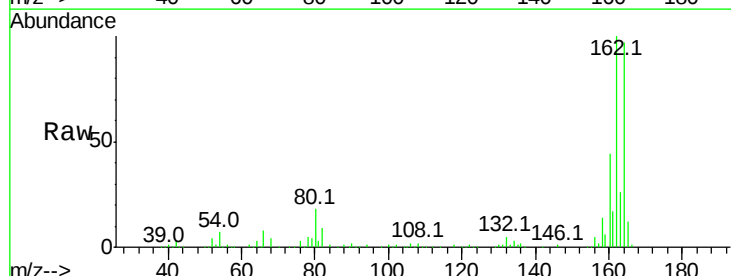


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

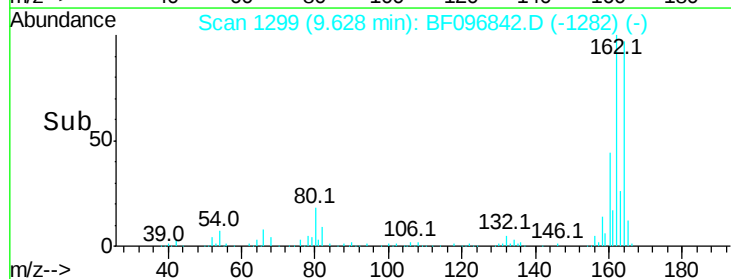
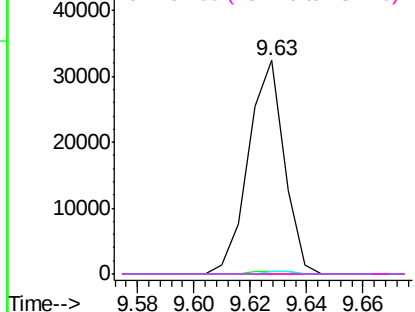


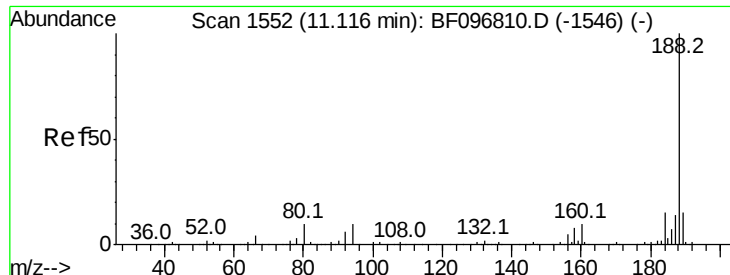
#56
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF096842.D
Acq: 18 Jul 2017 12:35

Tgt Ion:165 Resp: 28597
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.3 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: 11.10 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Instrument :

BNA_F

ClientSampleId :

DEC-02

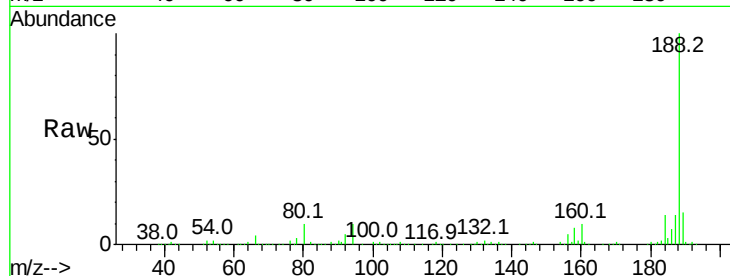
Tot Ion:188 Resp: 380793

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

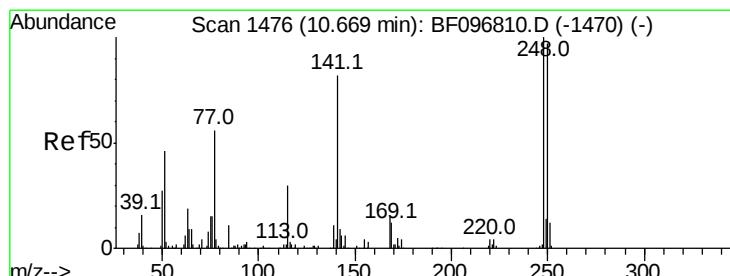
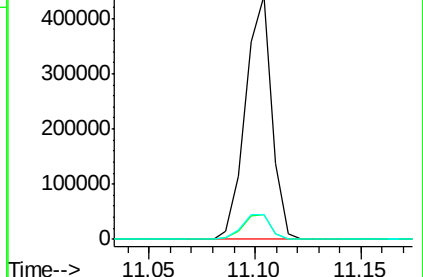
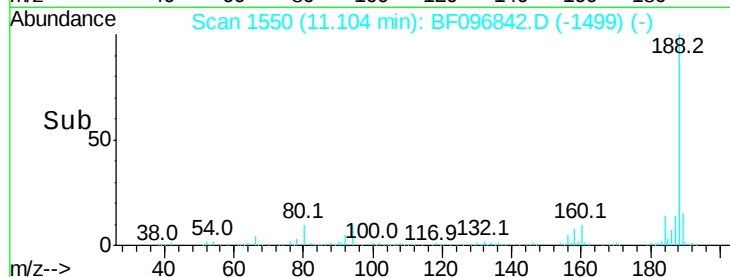
80 10.1 10.2 15.2#



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: 3.247 ng

RT: 10.42 min Scan# 1433

Delta R.T. -0.24 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

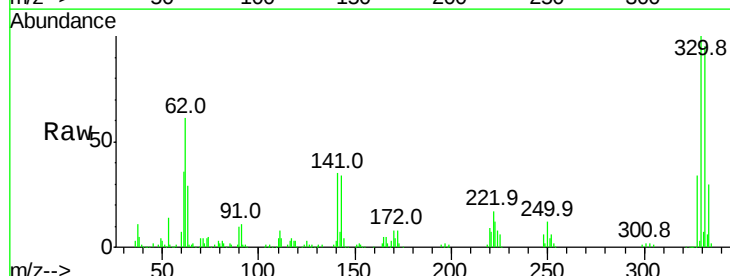
Tgt Ion:248 Resp: 12622

Ion Ratio Lower Upper

248 100

250 201.3 76.8 115.2#

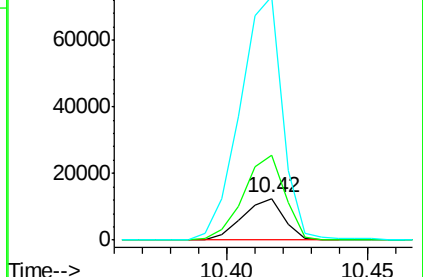
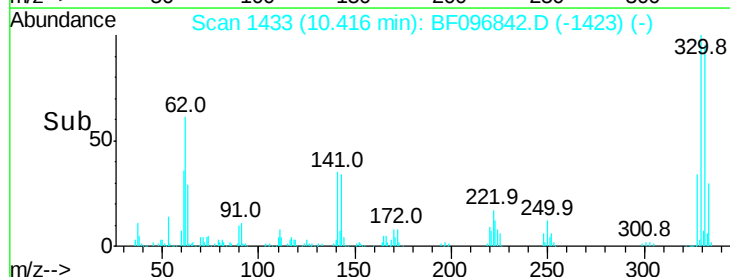
141 579.5 68.6 103.0#

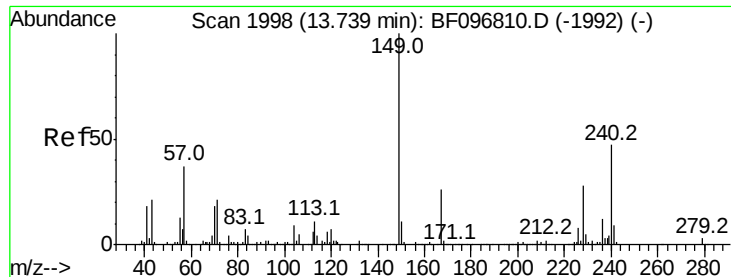


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

Instrument :

BNA_F

ClientSampleId :

DEC-02

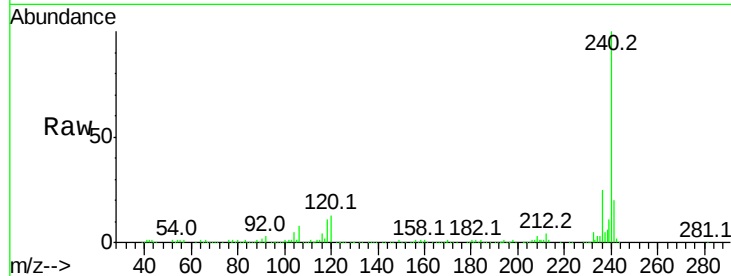
Tot Ion:240 Resp: 258992

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

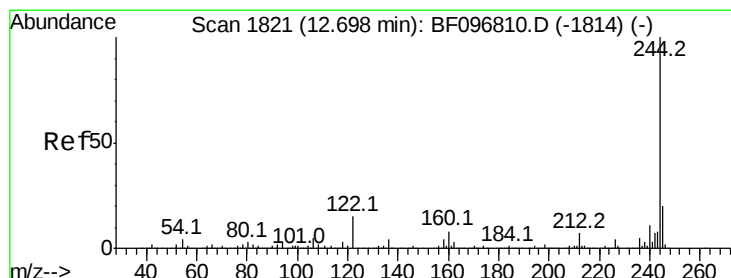
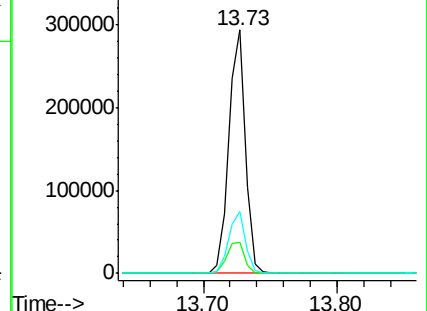
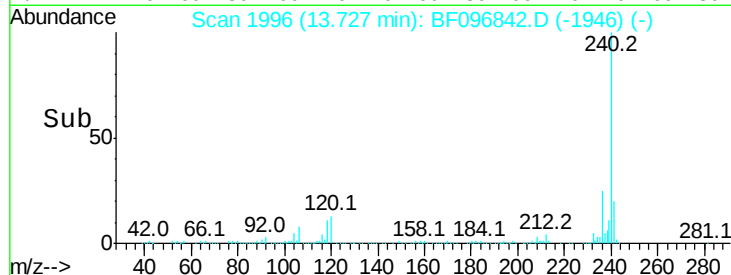
236 25.5 20.5 30.7



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: 51.474 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096842.D

Acq: 18 Jul 2017 12:35

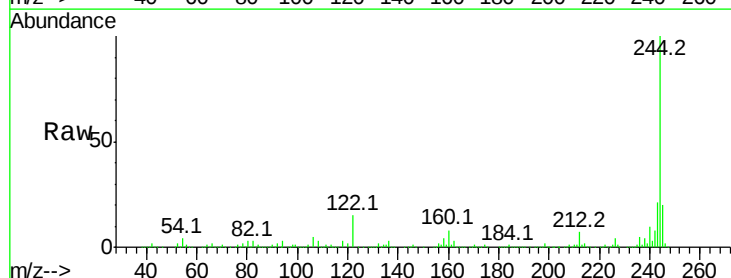
Tgt Ion:244 Resp: 768701

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

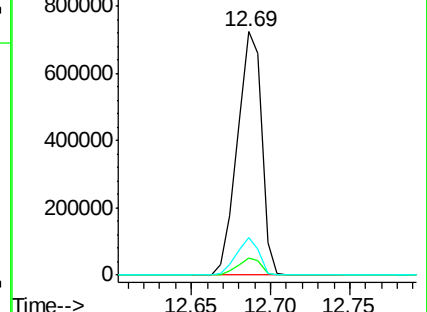
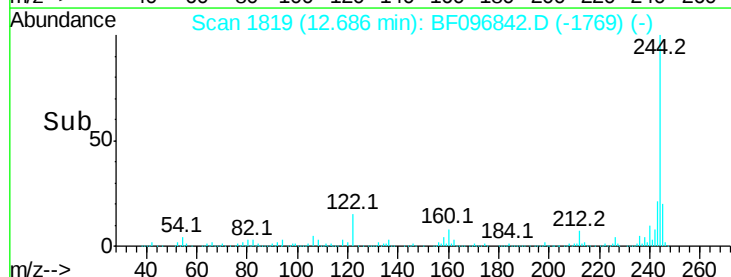
122 15.3 10.3 15.5

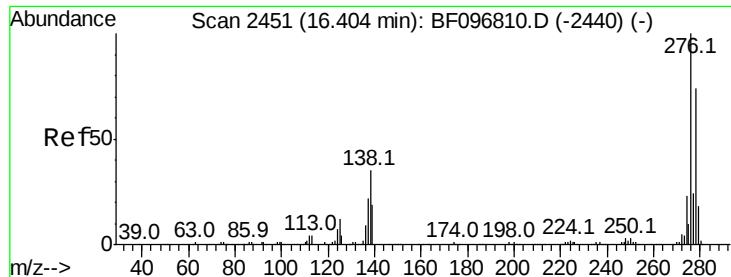


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

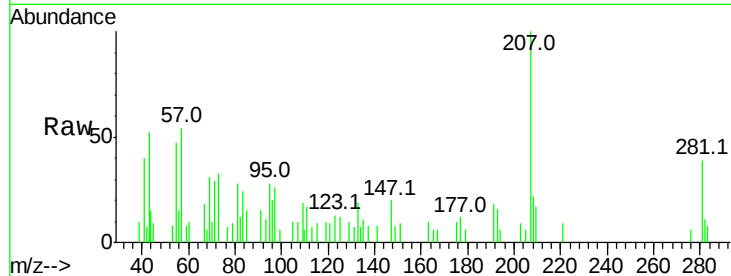




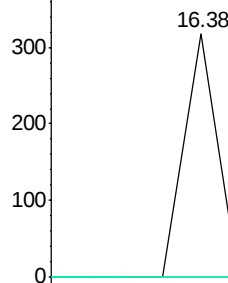
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.335 ng
 RT: 16.38 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BF096842.D
 Acq: 18 Jul 2017 12:35

Instrument :
 BNA_F
 ClientSampleId :
 DEC-02

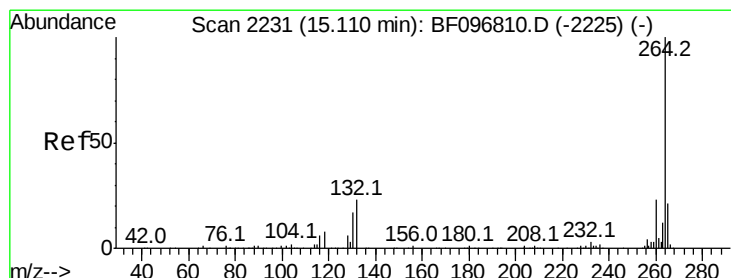
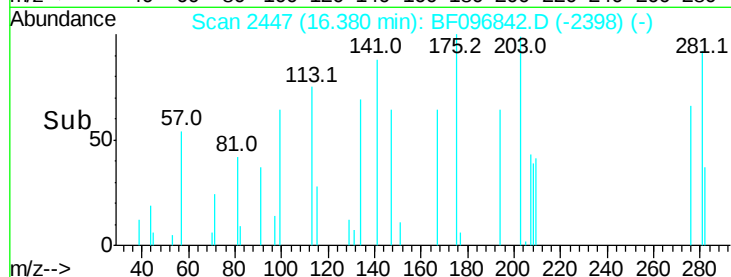
Tot Ion:276 Resp: 112
 Ion Ratio Lower Upper
 276 100
 138 0.0 27.8 41.6#
 277 0.0 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

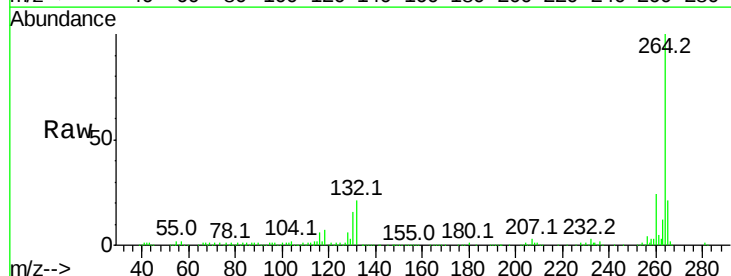


Time--> 16.36 16.38

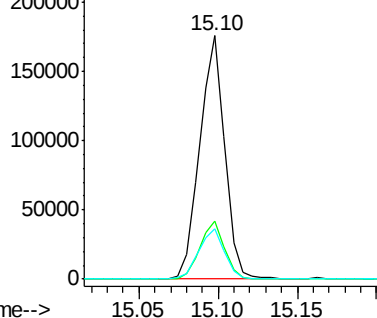


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF096842.D
 Acq: 18 Jul 2017 12:35

Tgt Ion:264 Resp: 191846
 Ion Ratio Lower Upper
 264 100
 260 23.6 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



Time--> 15.05 15.10 15.15

