

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096800.D
 Acq On : 15 Jul 2017 4:34
 Operator : SJ/JU
 Sample : I4201-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 15 05:01:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

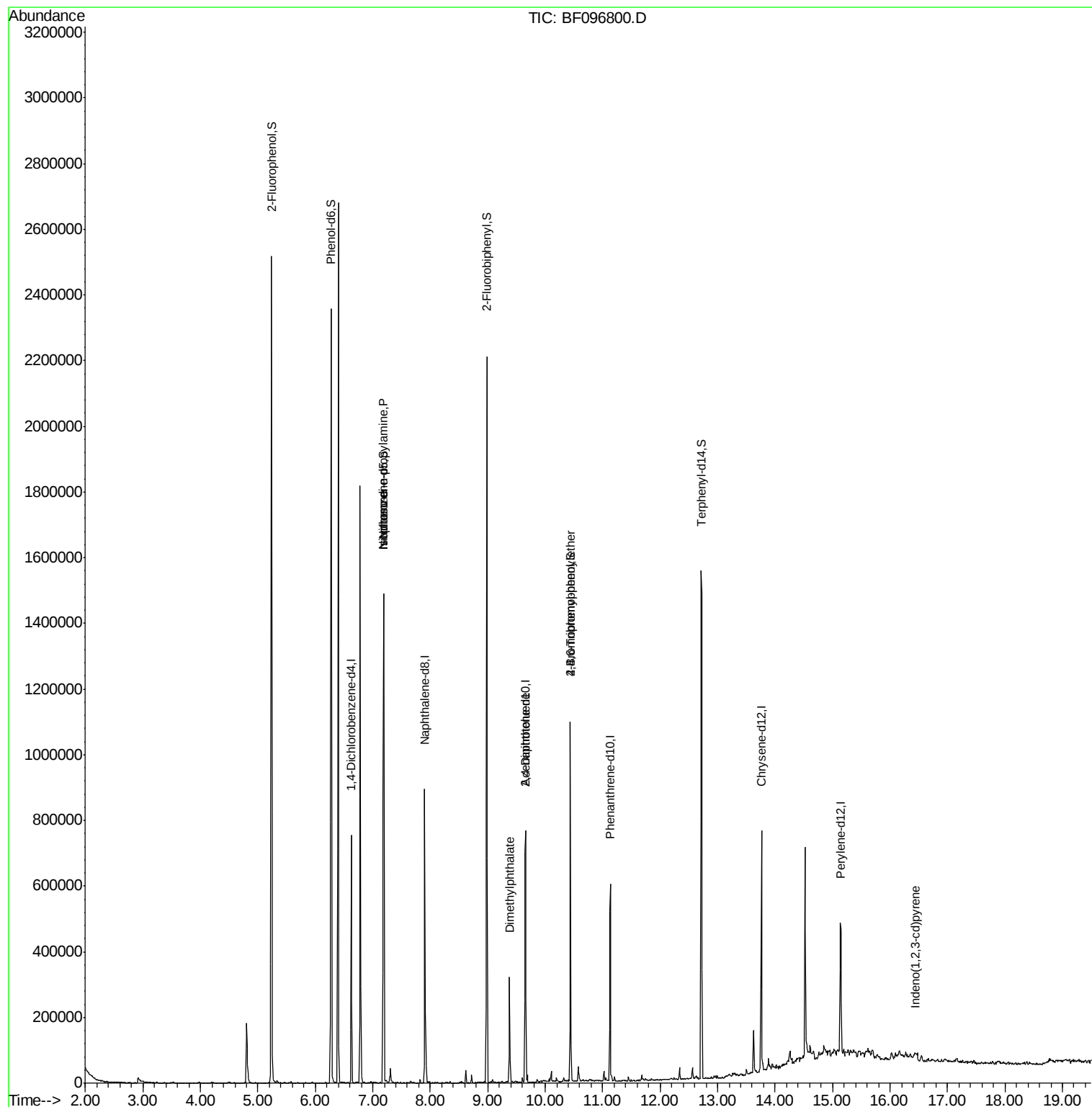
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	109018	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	425025	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	157935	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	214473	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	242749	20.00	ng	-0.01
86) Perylene-d12	15.14	264	175805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	717489	98.96	ng	0.00
7) Phenol-d6	6.27	99	874491	100.51	ng	0.00
23) Nitrobenzene-d5	7.19	82	488773	71.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	114629	85.03	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	725429	72.57	ng	-0.01
78) Terphenyl-d14	12.72	244	493321	35.24	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	64719	12.35	ng	# 86
25) Isophorone	7.19	82	479915	37.60	ng	# 67
49) Dimethylphthalate	9.38	163	126470	10.63	ng	98
56) 2,4-Dinitrotoluene	9.65	165	20163	6.09	ng	# 32
66) 4-Bromophenyl-phenylether	10.44	248	7773	3.55	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.44	276	3125	3.55	ng	# 73

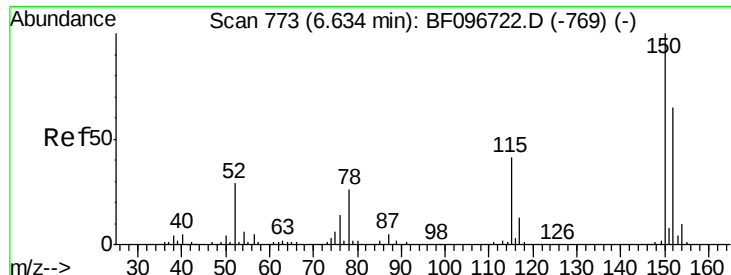
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
Data File : BF096800.D
Acq On : 15 Jul 2017 4:34
Operator : SJ/JU
Sample : I4201-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 15 05:01:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration



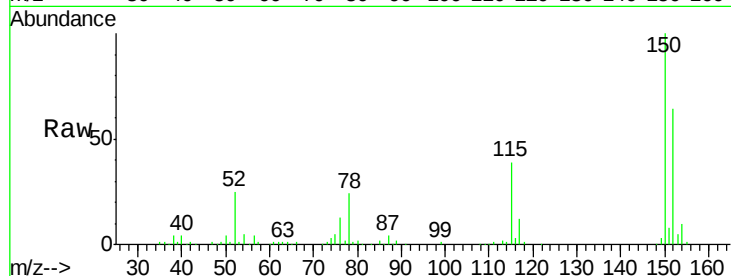


#1

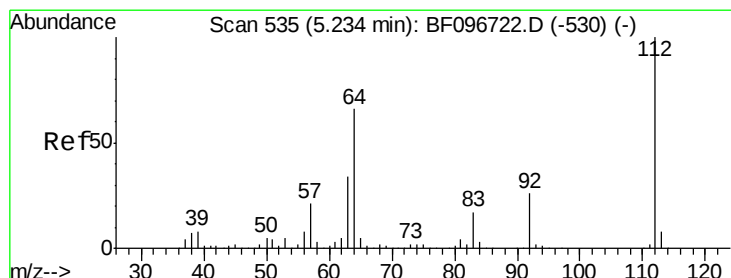
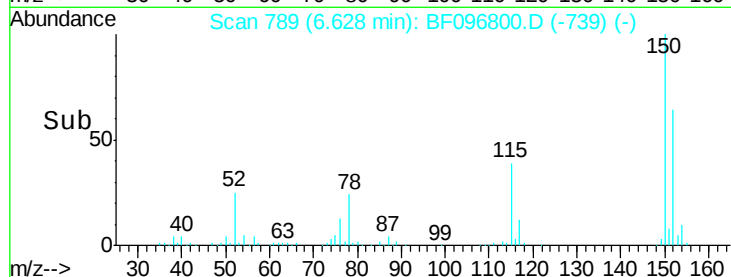
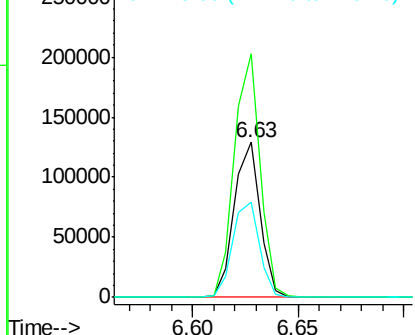
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096800.D
Acq: 15 Jul 2017 4:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109018
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 61.4 52.2 78.2



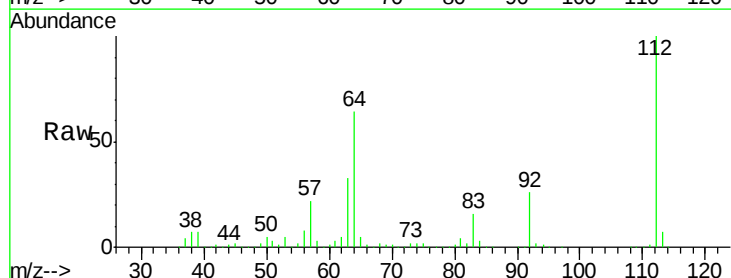
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



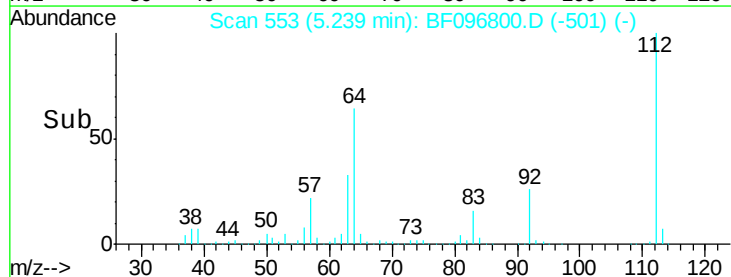
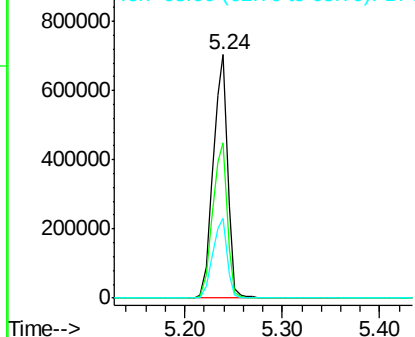
#5

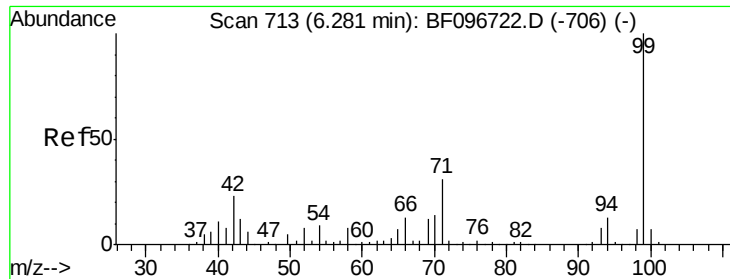
2-Fluorophenol
Concen: 98.96 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096800.D
Acq: 15 Jul 2017 4:34

Tgt Ion:112 Resp: 717489
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 32.6 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: 100.51 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

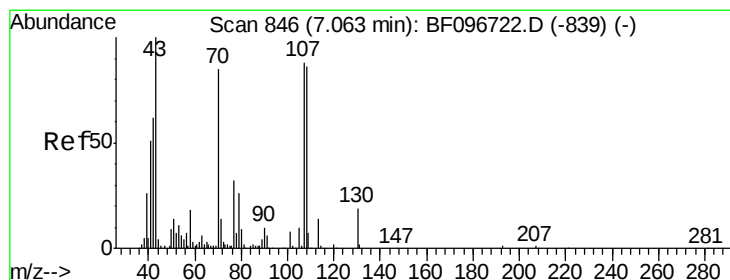
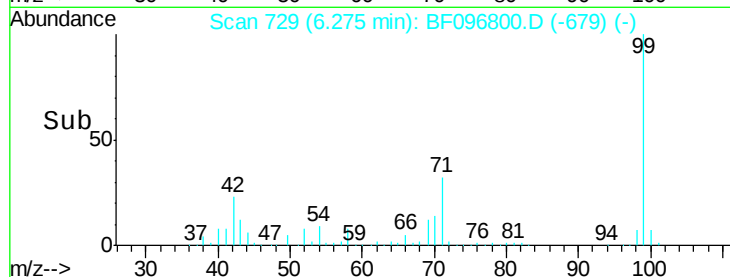
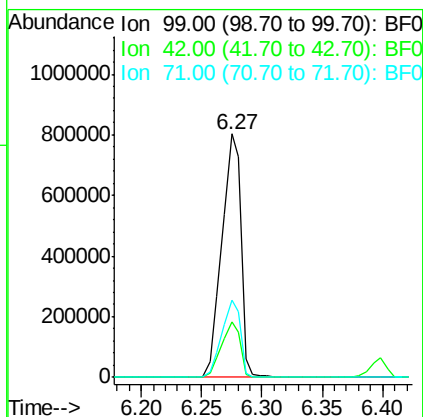
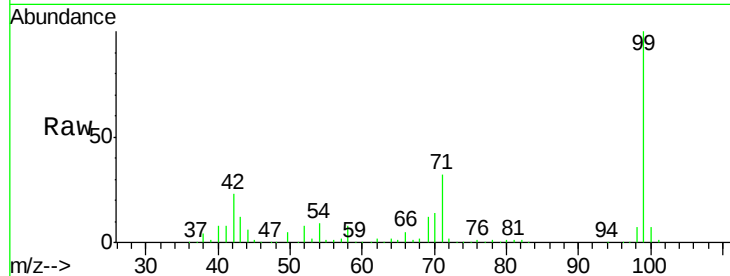
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 874491

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	31.6	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.35 ng

RT: 7.19 min Scan# 884

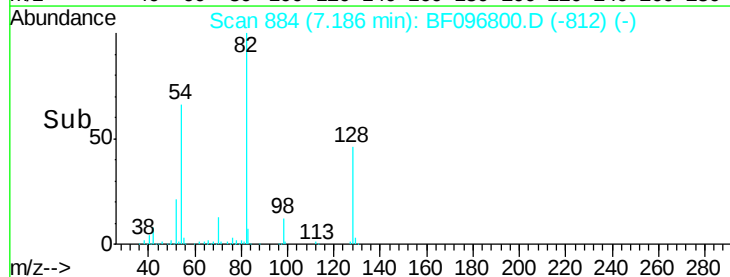
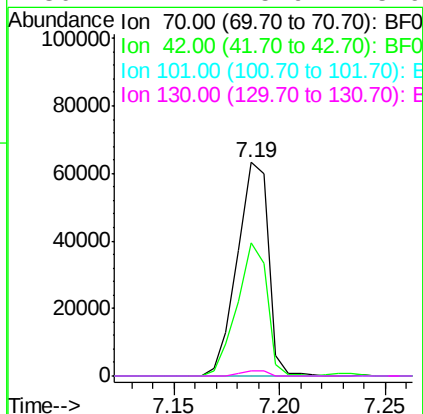
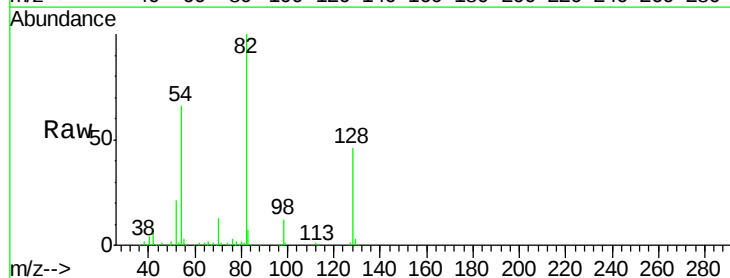
Delta R.T. 0.12 min

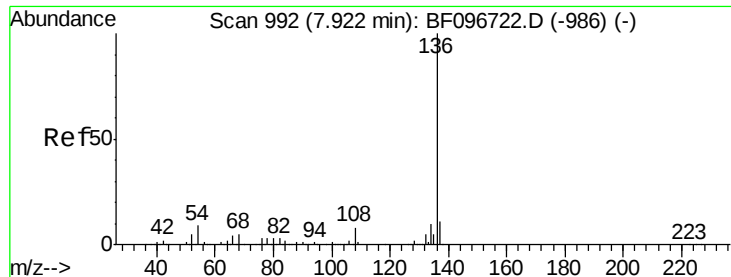
Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Tgt Ion: 70 Resp: 64719

Ion	Ratio	Lower	Upper
70	100		
42	62.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 425025

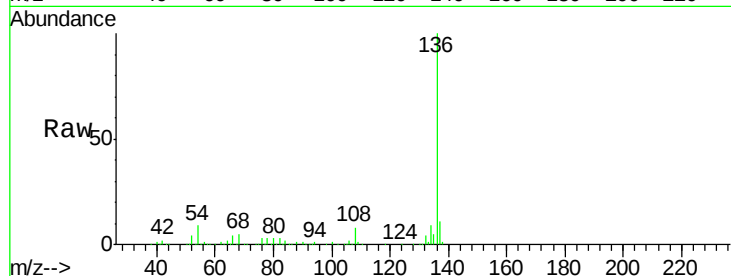
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.6 4.9 7.3#

68 4.6 4.1 6.1

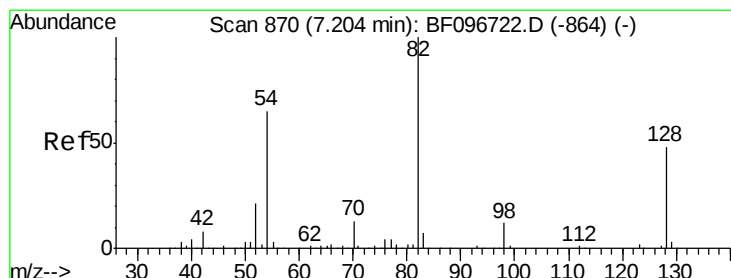
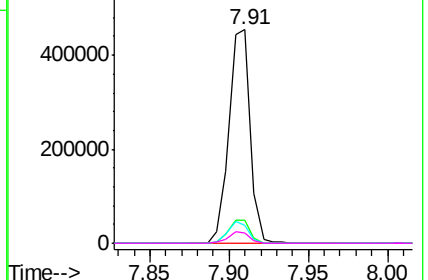
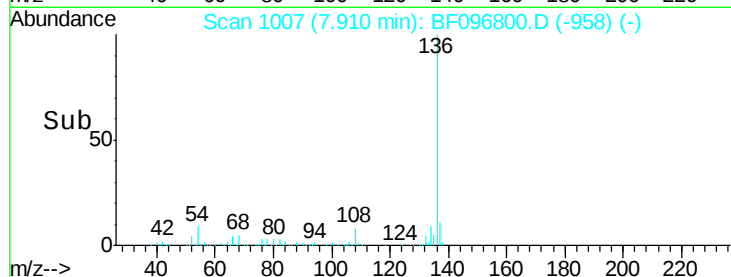


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.23 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

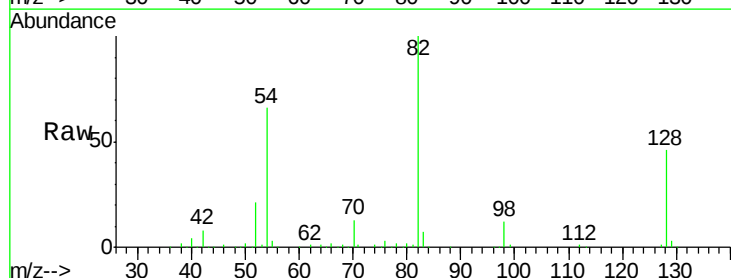
Tgt Ion: 82 Resp: 488773

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

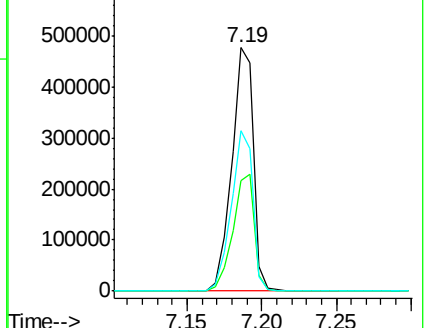
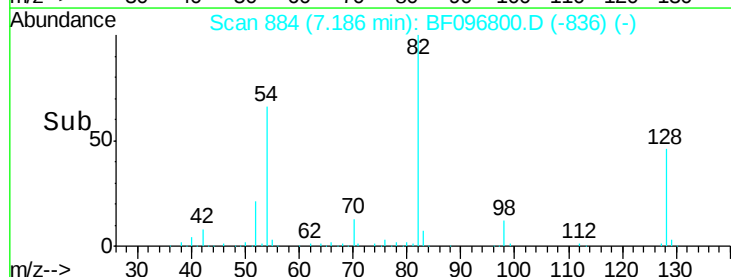
54 65.9 42.2 63.2#

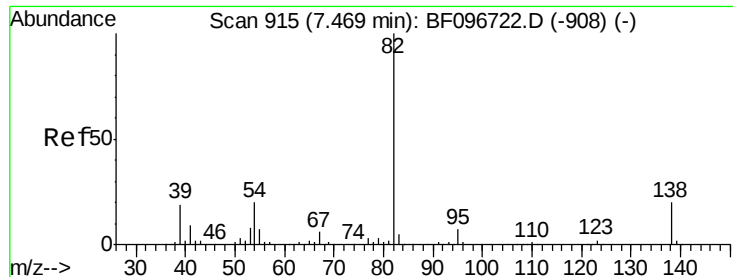


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.60 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Instrument :

BNA_F

ClientSampleId :

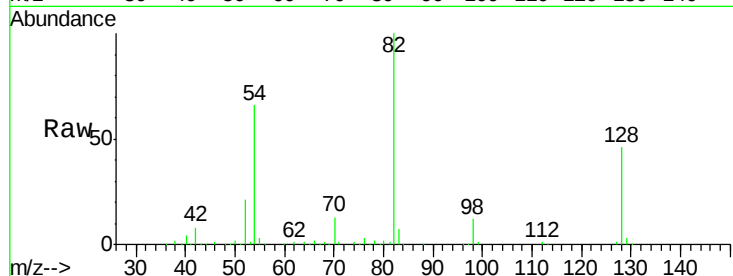
Tot Ion: 82 Resp: 479915

Ion Ratio Lower Upper

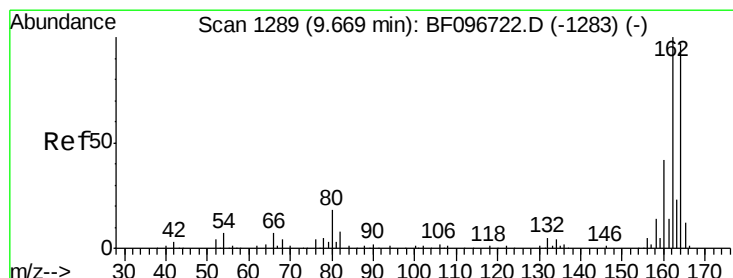
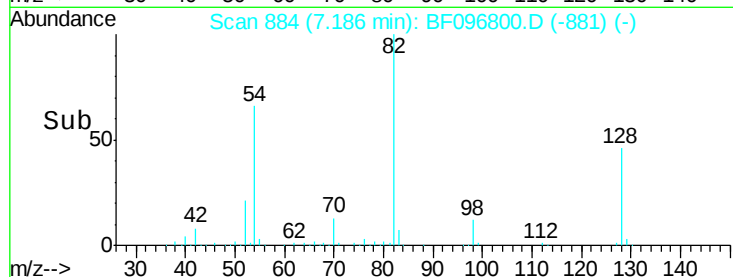
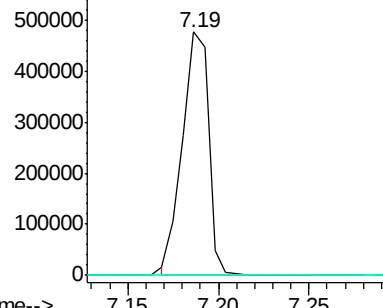
82 100

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: 20.00 ng

RT: 9.66 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

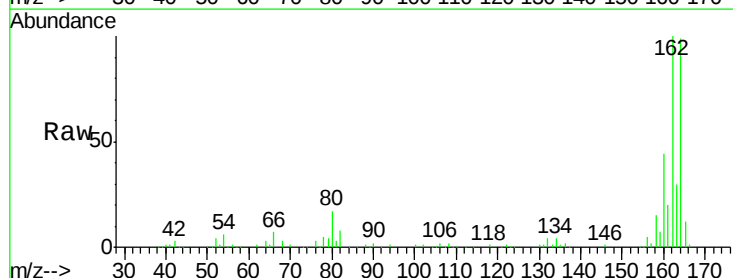
Tgt Ion:164 Resp: 157935

Ion Ratio Lower Upper

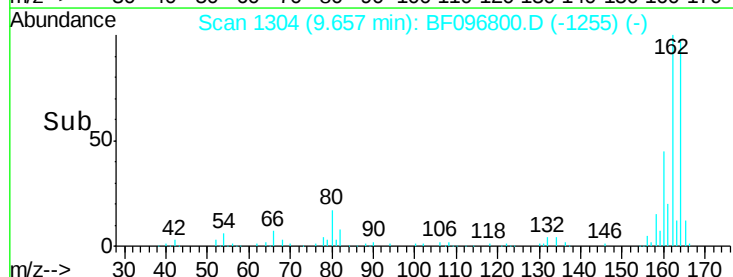
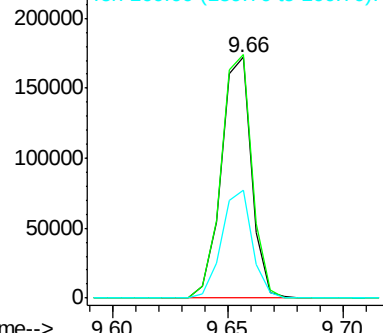
164 100

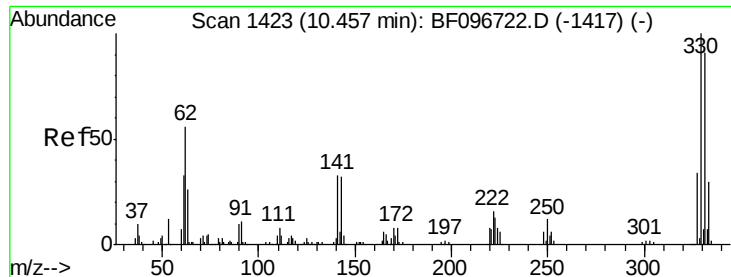
162 101.2 82.6 123.8

160 45.0 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

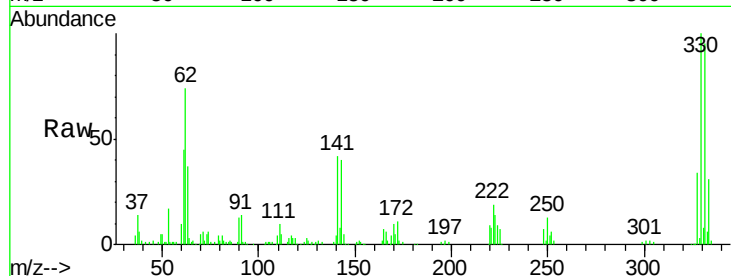




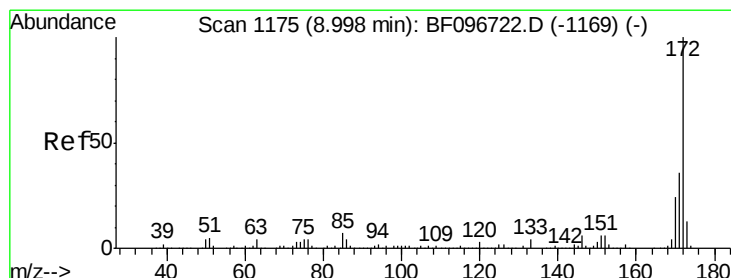
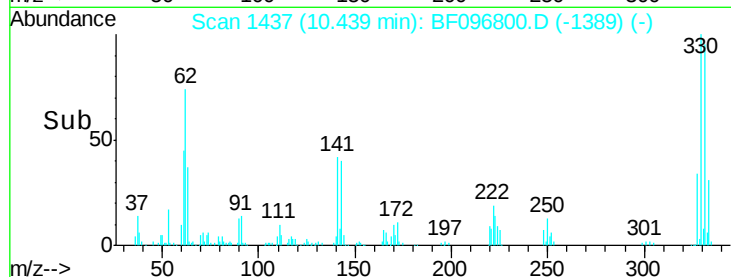
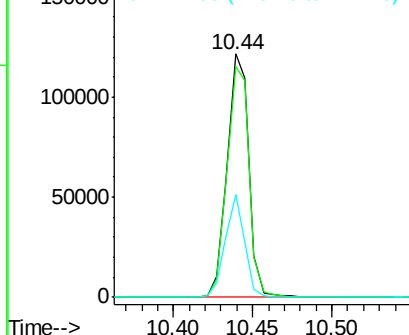
#41
 2,4,6-Tribromophenol
 Concen: 85.03 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096800.D
 Acq: 15 Jul 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	37.5	31.4	47.2

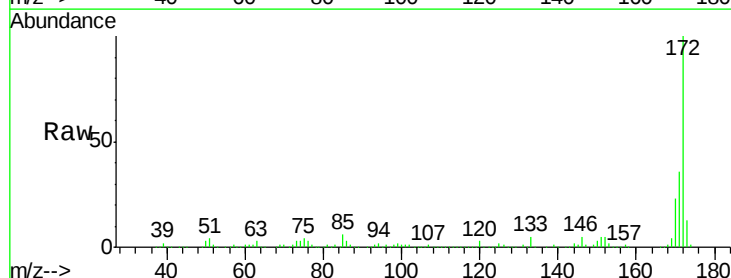


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

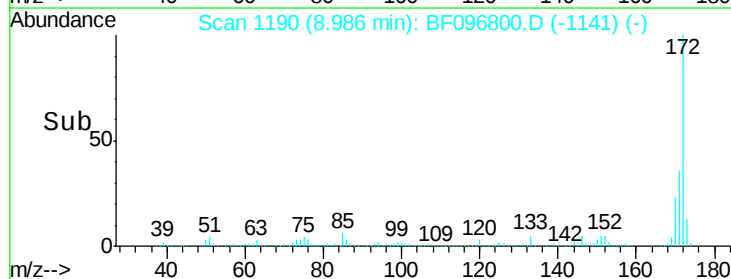
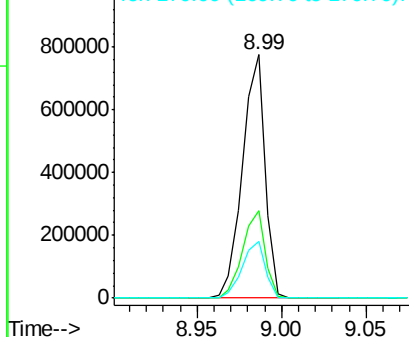


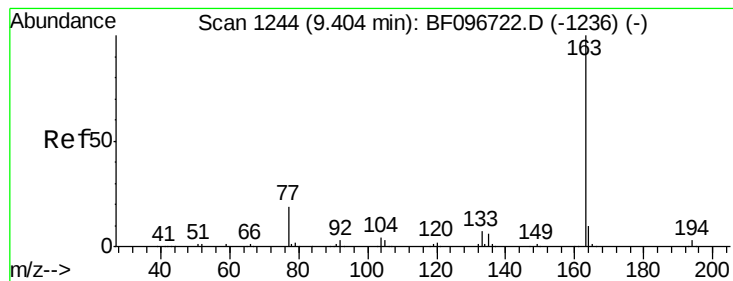
#44
 2-Fluorobiphenyl
 Concen: 72.57 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096800.D
 Acq: 15 Jul 2017 4:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.4	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: 10.63 ng

RT: 9.38 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Instrument :

BNA_F

ClientSampleId :

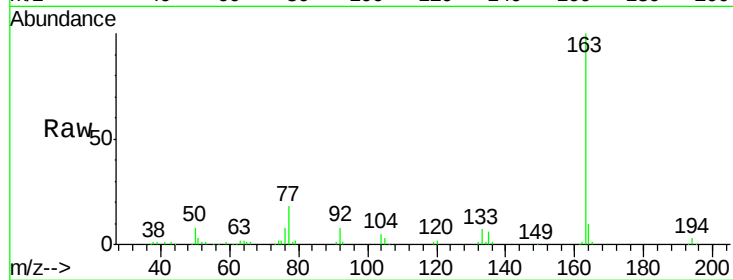
Tot Ion:163 Resp: 126470

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

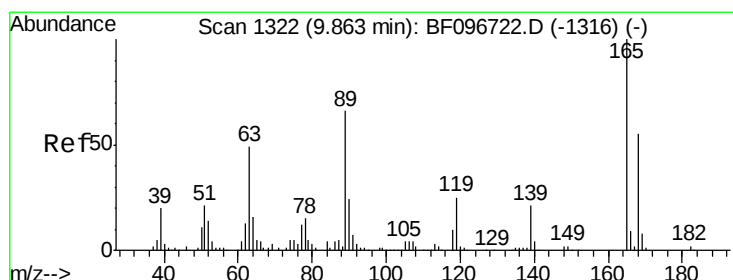
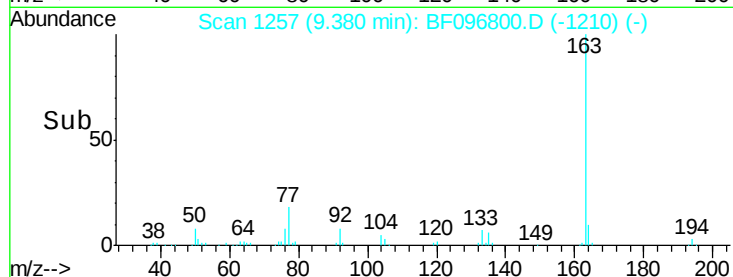
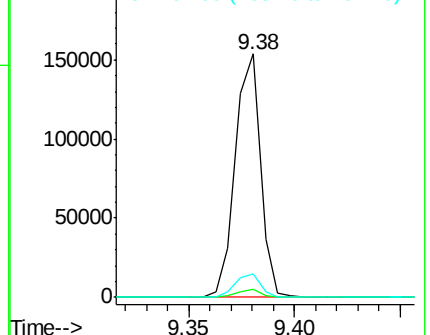
164 9.6 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.09 ng

RT: 9.65 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Tgt Ion:165 Resp: 20163

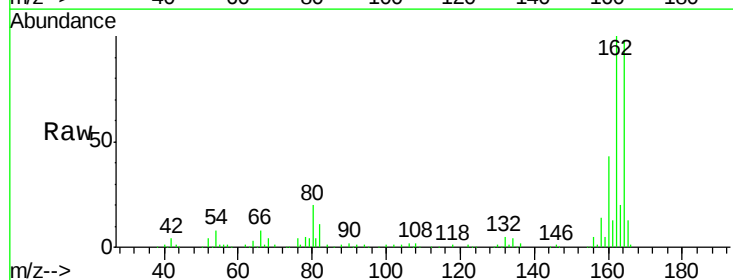
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

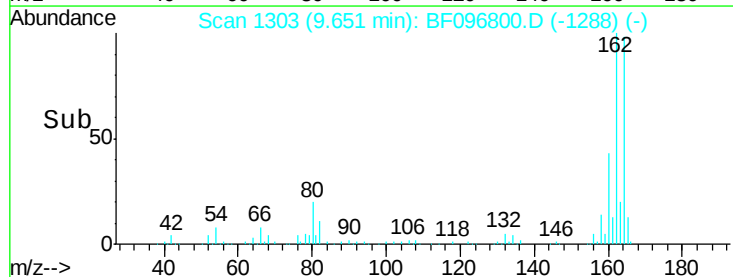
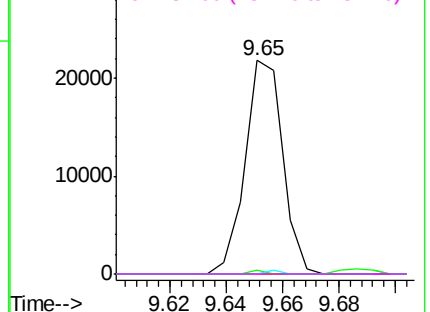


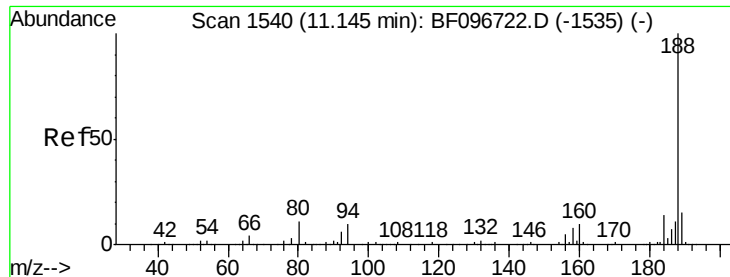
Abundance Ion 165.00 (164.70 to 165.70): E

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

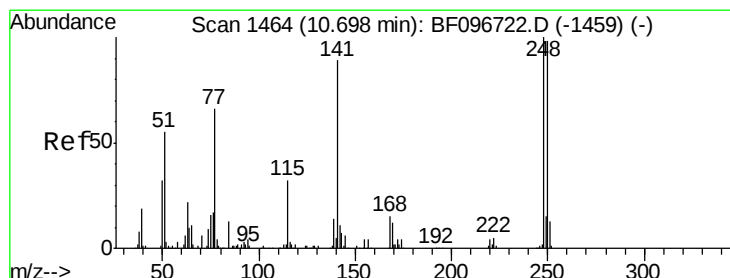
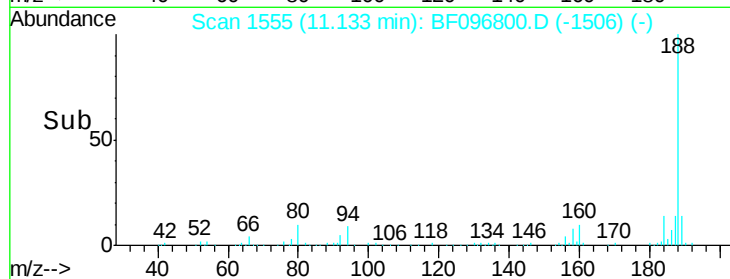
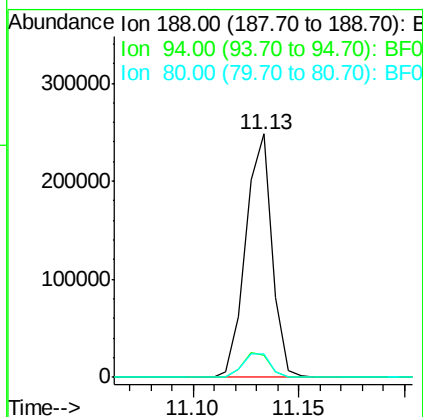
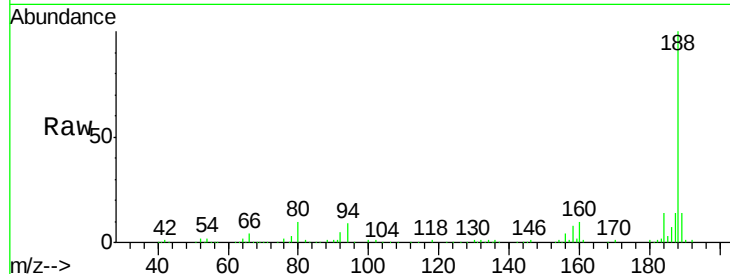




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096800.D
Acq: 15 Jul 2017 4:34

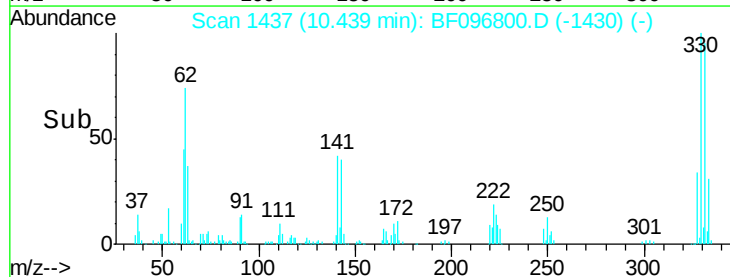
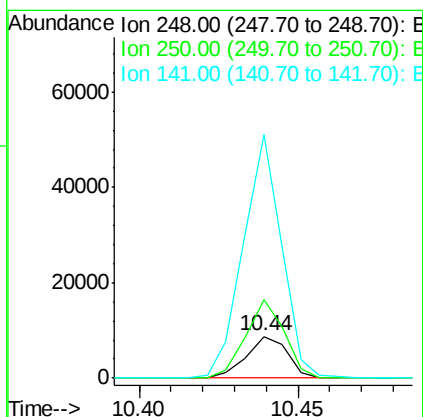
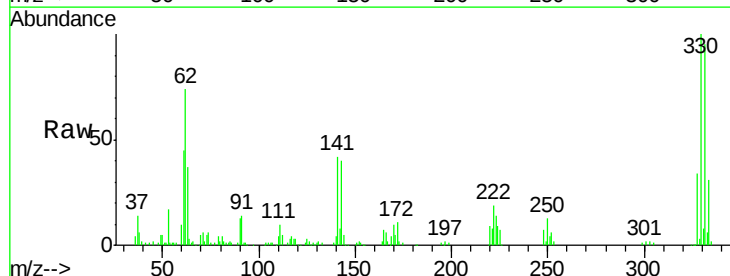
Instrument :
BNA_F
ClientSampleId :

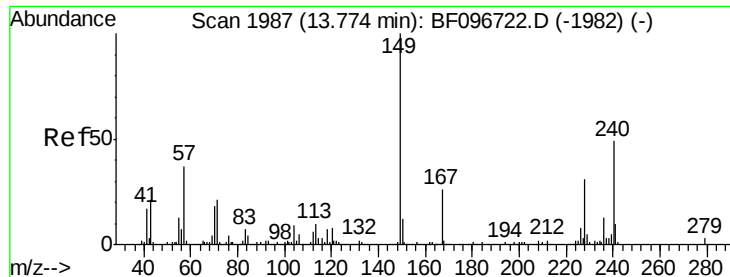
Tot Ion:188 Resp: 214473
Ion Ratio Lower Upper
188 100
94 9.0 9.4 14.2#
80 9.6 10.2 15.2#



#66
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.44 min Scan# 1437
Delta R.T. -0.26 min
Lab File: BF096800.D
Acq: 15 Jul 2017 4:34

Tgt Ion:248 Resp: 7773
Ion Ratio Lower Upper
248 100
250 187.3 76.8 115.2#
141 583.0 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Instrument :

BNA_F

ClientSampleId :

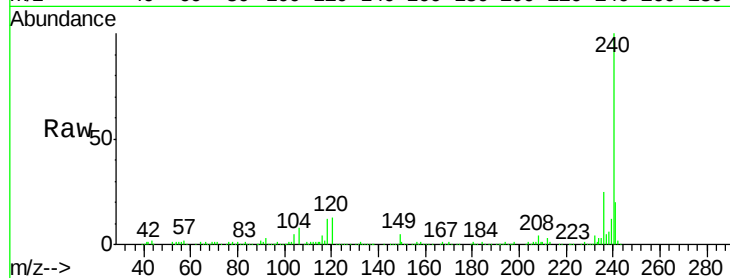
Tot Ion:240 Resp: 242749

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

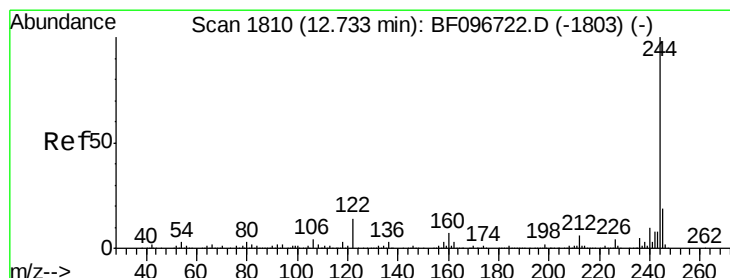
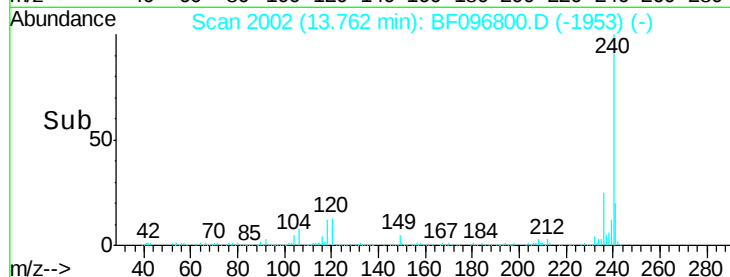
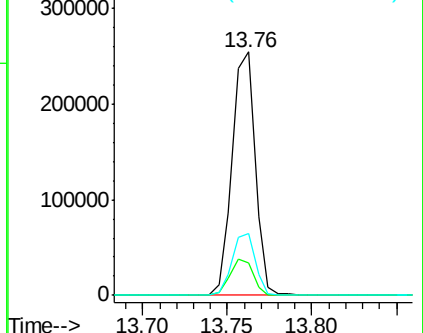
236 25.4 20.5 30.7



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: 35.24 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

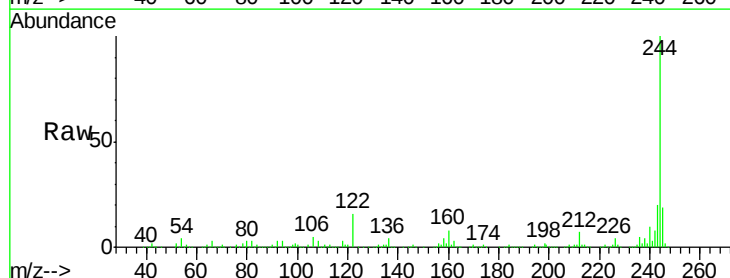
Tgt Ion:244 Resp: 493321

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

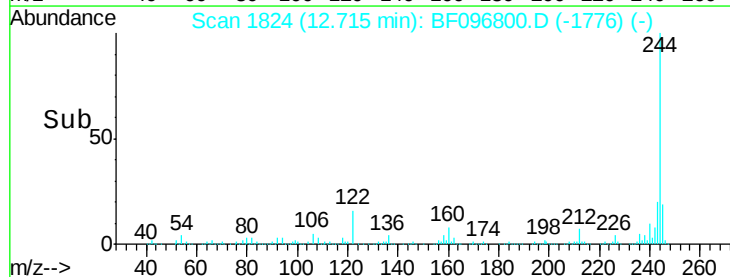
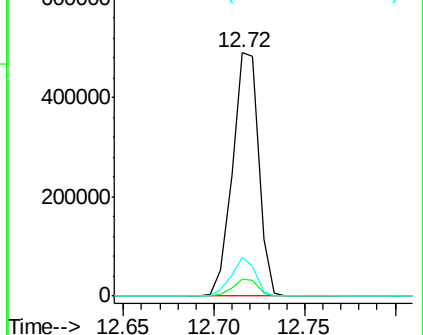
122 15.8 10.3 15.5#

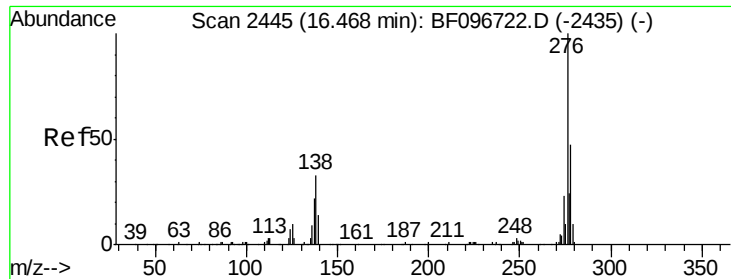


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

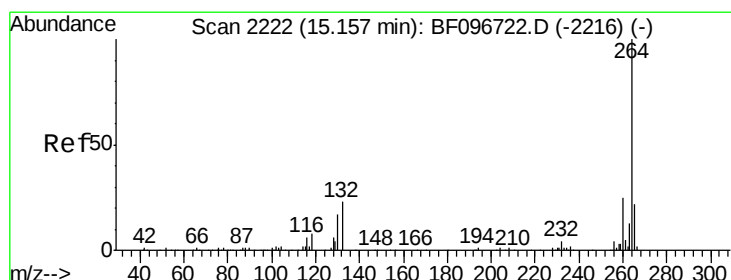
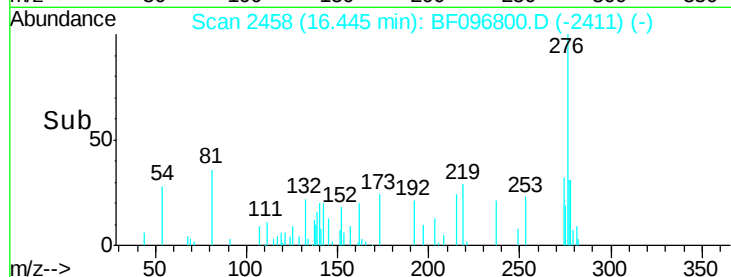
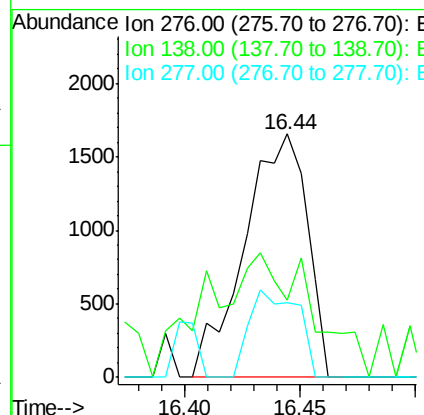
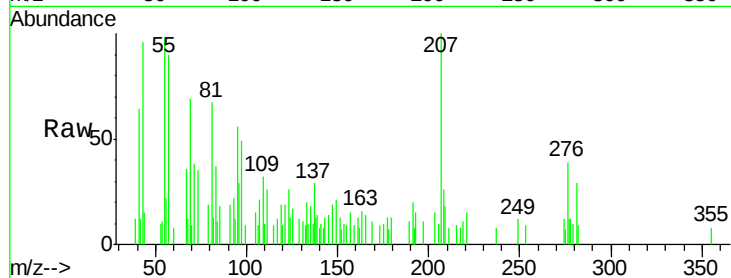




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.55 ng
 RT: 16.44 min Scan# 2458
 Delta R.T. -0.02 min
 Lab File: BF096800.D
 Acq: 15 Jul 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 3125
 Ion Ratio Lower Upper
 276 100
 138 60.0 27.8 41.6#
 277 27.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096800.D
 Acq: 15 Jul 2017 4:34

Tgt Ion:264 Resp: 175805
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.1 17.2 25.8

