

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096506.D
 Acq On : 6 Jul 2017 2:24
 Operator : SJ/MA
 Sample : I3976-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:42:46 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

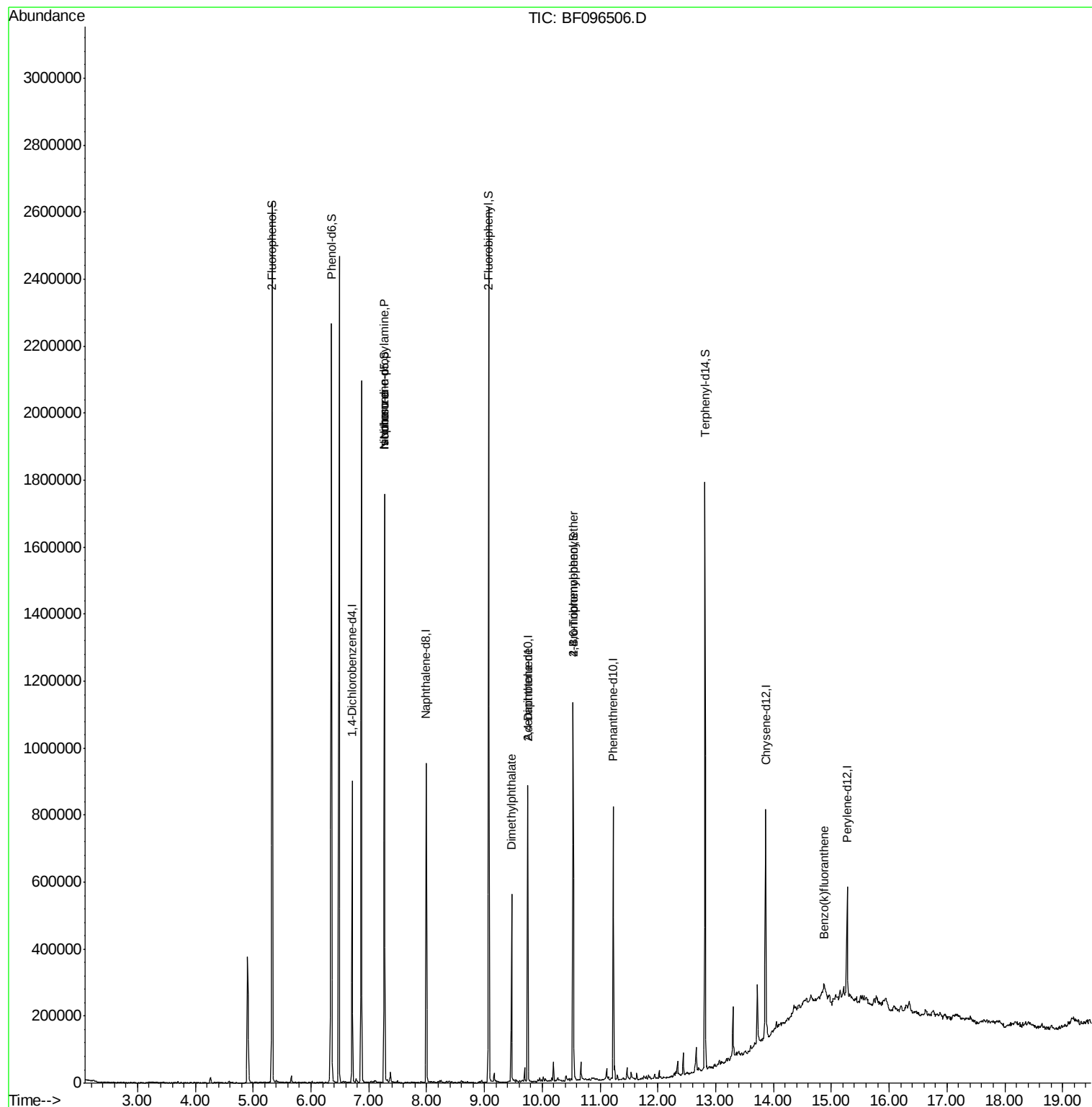
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134012	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	458000	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	178544	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	259661	20.00	ng	0.00
75) Chrysene-d12	13.86	240	220974	20.00	ng	0.00
86) Perylene-d12	15.27	264	151113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	757478	83.43	ng	0.00
7) Phenol-d6	6.35	99	853227	76.44	ng	0.00
23) Nitrobenzene-d5	7.27	82	517366	67.88	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	112039	80.33	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	757398	72.53	ng	0.00
78) Terphenyl-d14	12.82	244	510827	49.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	68623	10.32	ng	# 87
25) Isophorone	7.27	82	511635	34.62	ng	# 67
49) Dimethylphthalate	9.47	163	226837	17.02	ng	98
56) 2,4-Dinitrotoluene	9.75	165	23022	6.17	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	7595	3.00	ng	# 1
88) Benzo(k)fluoranthene	14.87	252	17650	2.08	ng	# 63

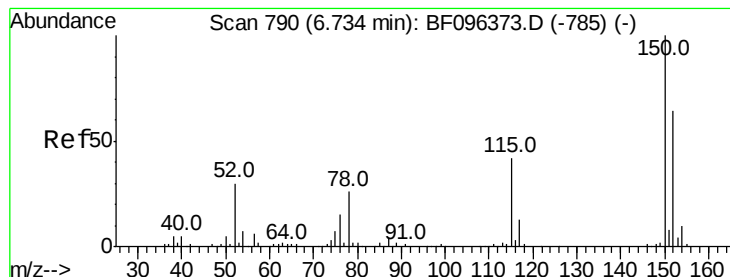
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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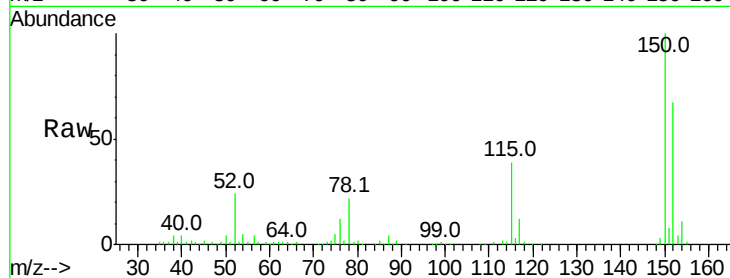


#1

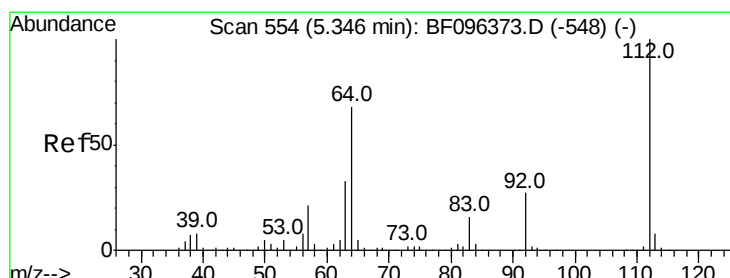
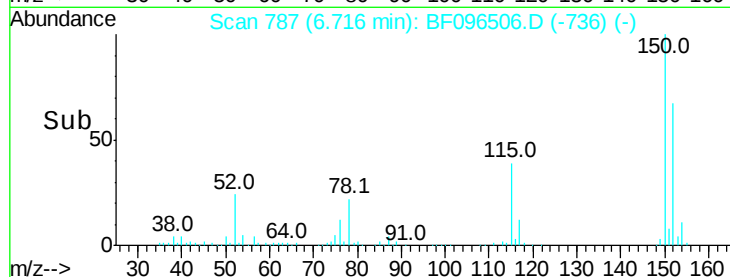
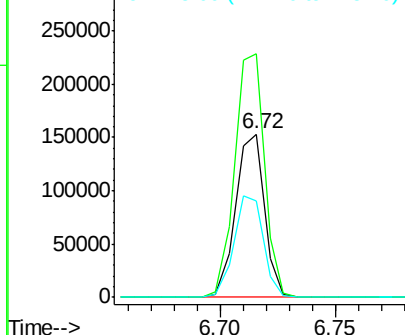
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096506.D
Acq: 6 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	126.2	189.2
115	58.8	52.2	78.2



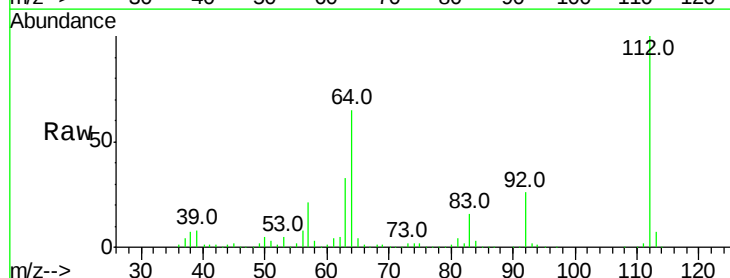
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



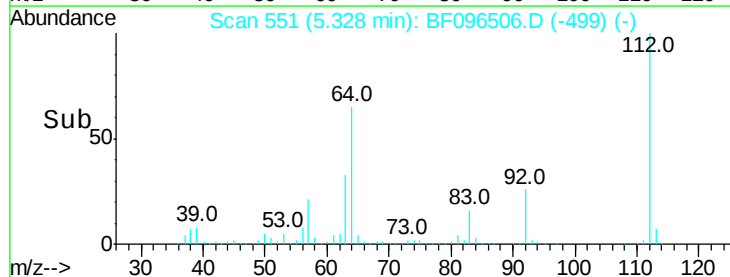
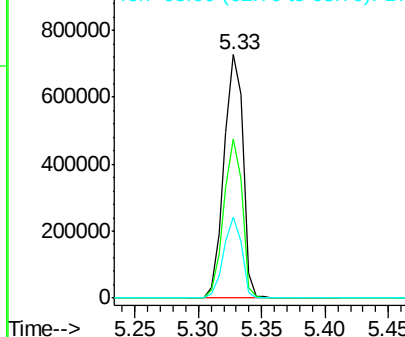
#5

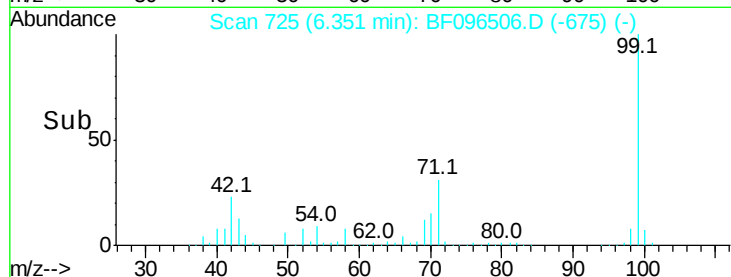
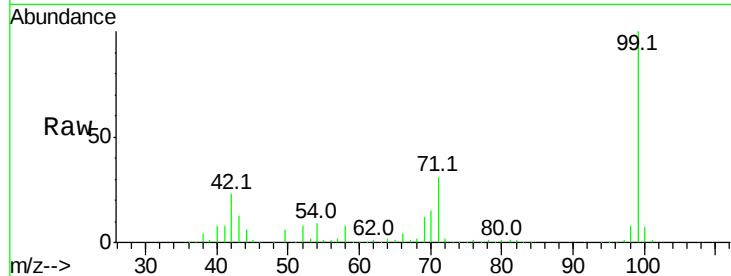
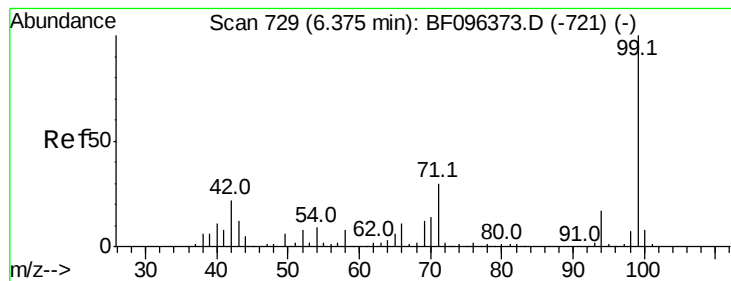
2-Fluorophenol
Concen: 83.43 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096506.D
Acq: 6 Jul 2017 2:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	33.1	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: 76.44 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096506.D

Acq: 6 Jul 2017 2:24

Instrument :

BNA_F

ClientSampleId :

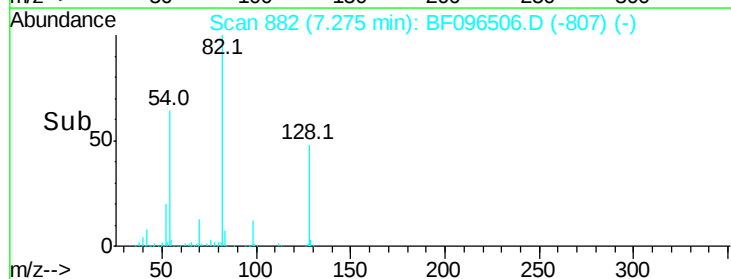
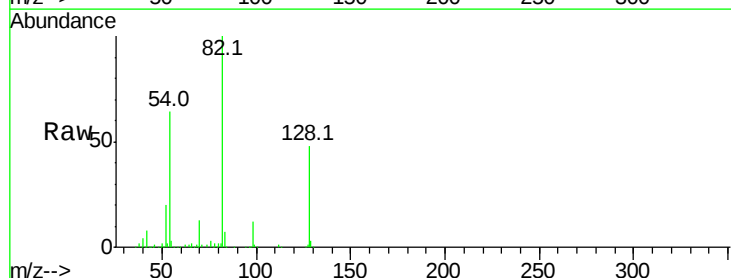
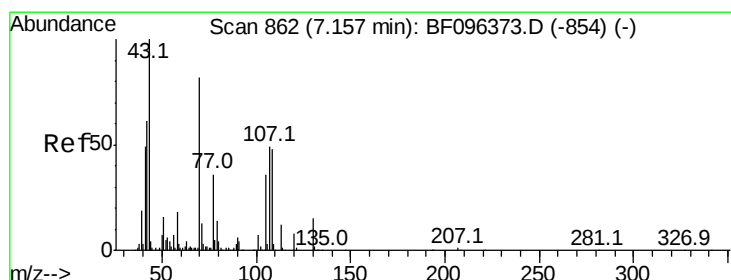
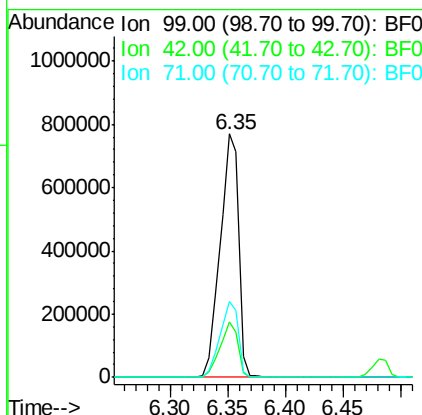
Tot Ion: 99 Resp: 853227

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

71 31.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.32 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF096506.D

Acq: 6 Jul 2017 2:24

Tgt Ion: 70 Resp: 68623

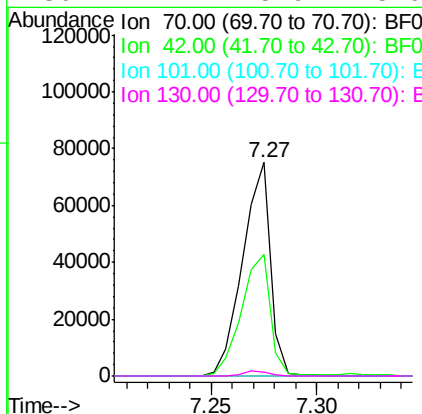
Ion Ratio Lower Upper

70 100

42 56.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096506.D

Acq: 6 Jul 2017 2:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 458000

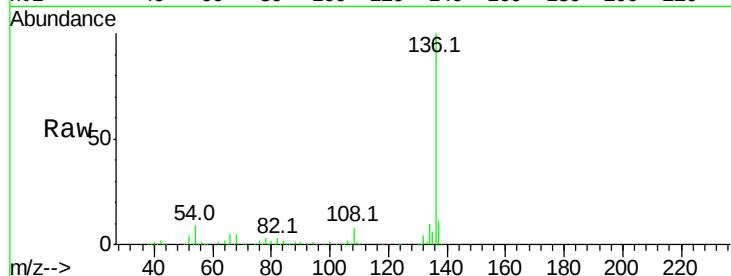
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.6 4.9 7.3#

68 4.6 4.1 6.1

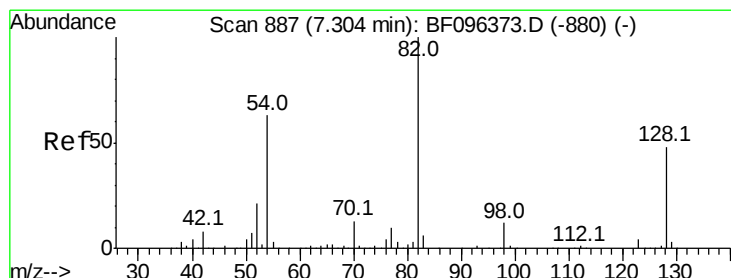
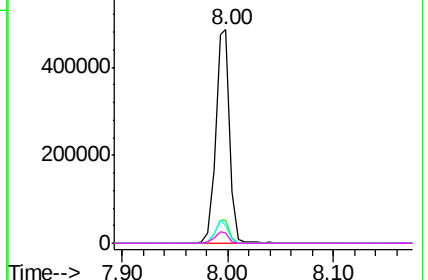
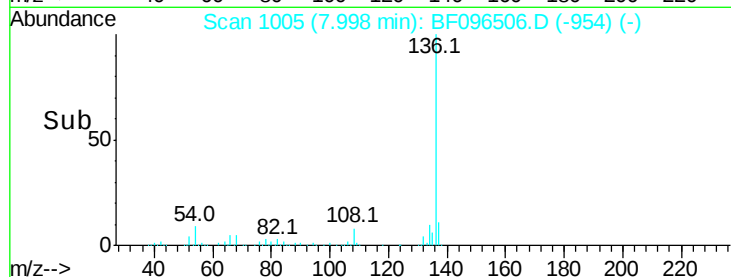


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.88 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096506.D

Acq: 6 Jul 2017 2:24

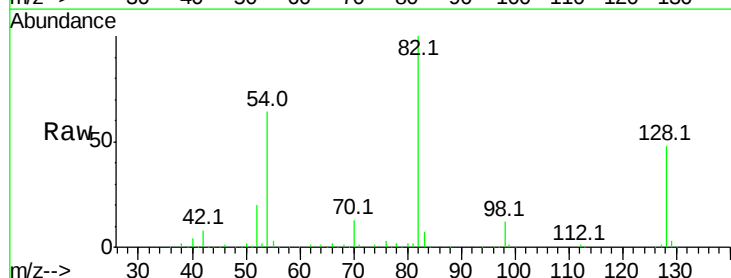
Tgt Ion: 82 Resp: 517366

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

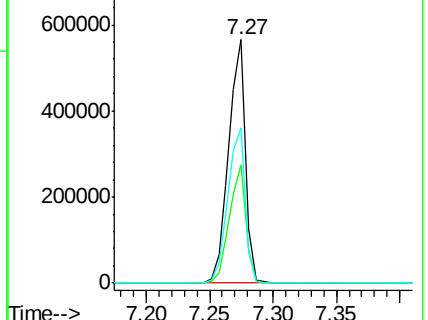
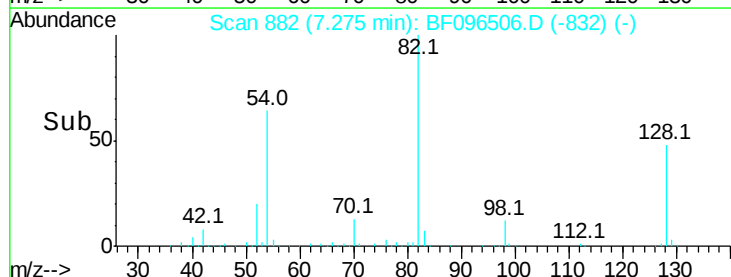
54 63.9 42.2 63.2#

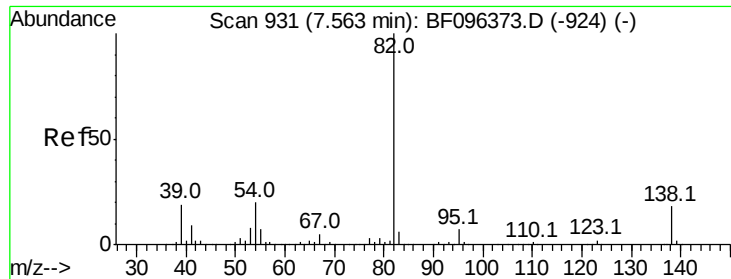


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

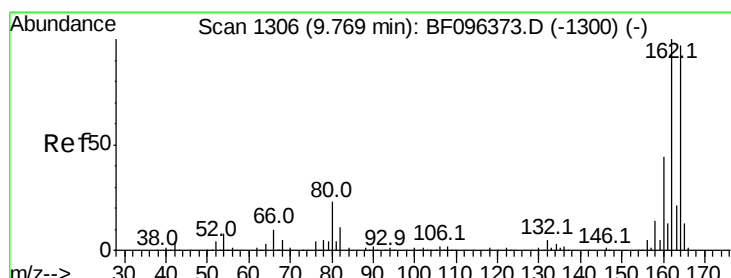
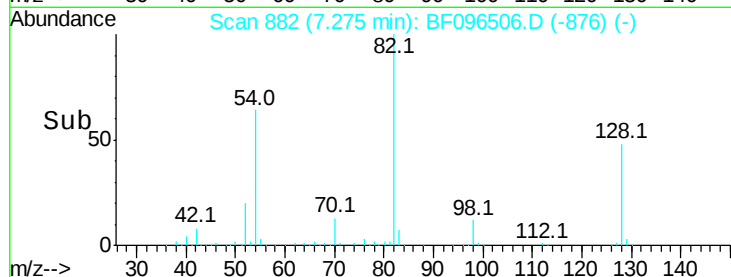
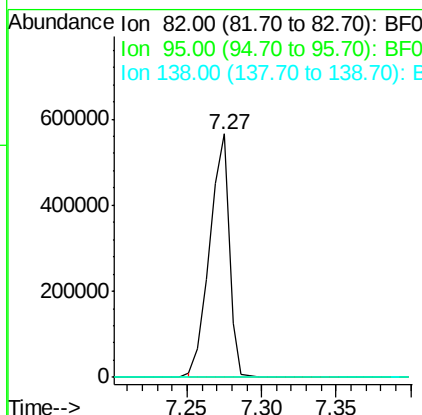
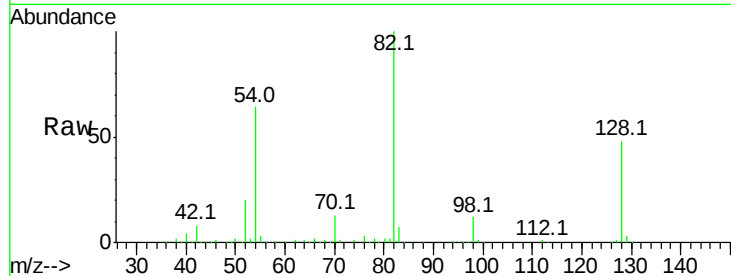




#25
Isophorone
Concen: 34.62 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF096506.D
Acq: 6 Jul 2017 2:24

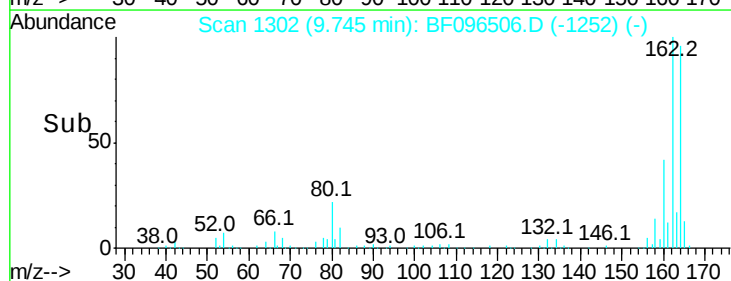
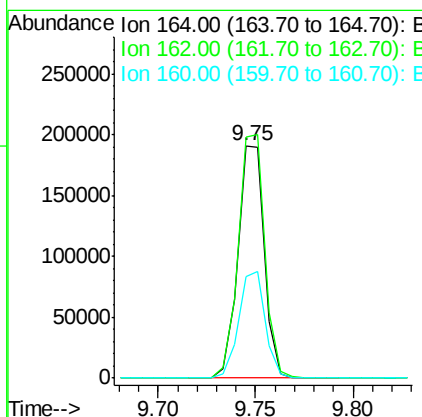
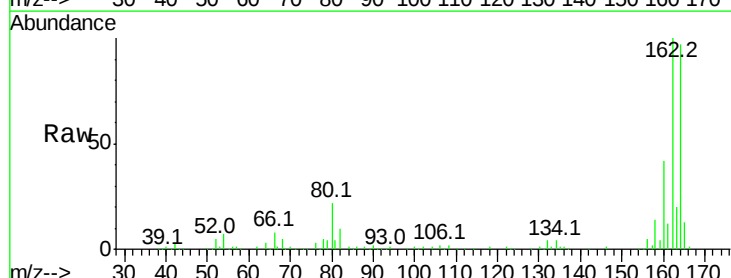
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 511635
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: BF096506.D
Acq: 6 Jul 2017 2:24

Tgt Ion:164 Resp: 178544
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 43.4 36.2 54.2

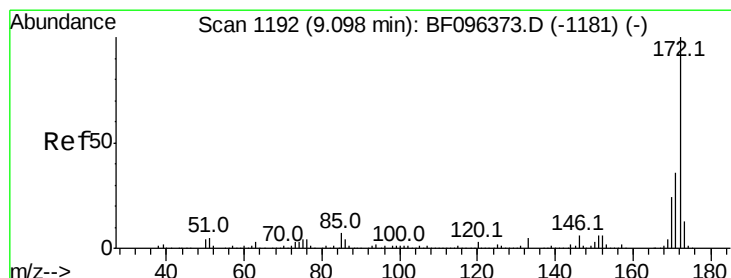
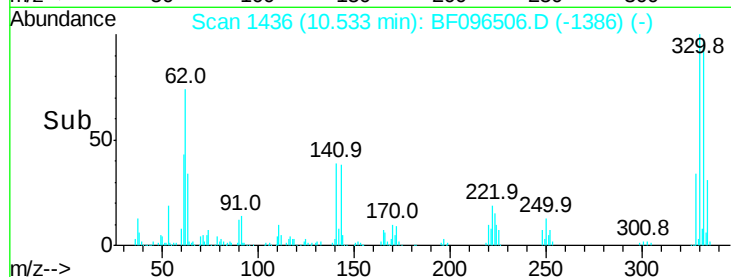
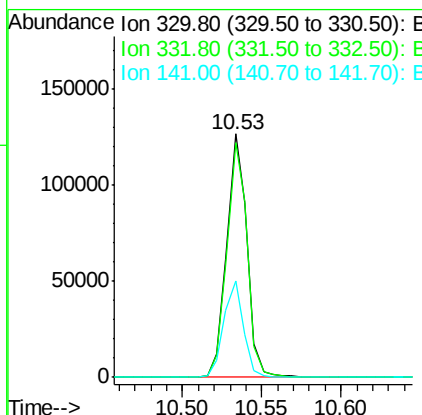
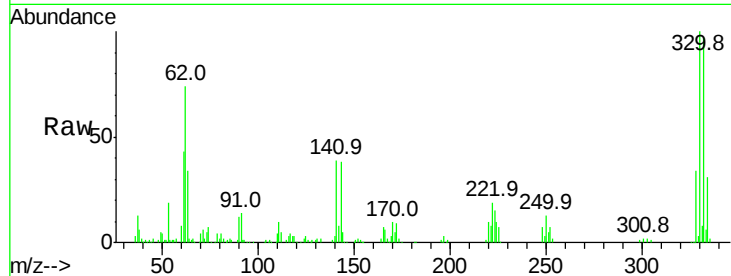




#41
 2,4,6-Tribromophenol
 Concen: 80.33 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096506.D
 Acq: 6 Jul 2017 2:24

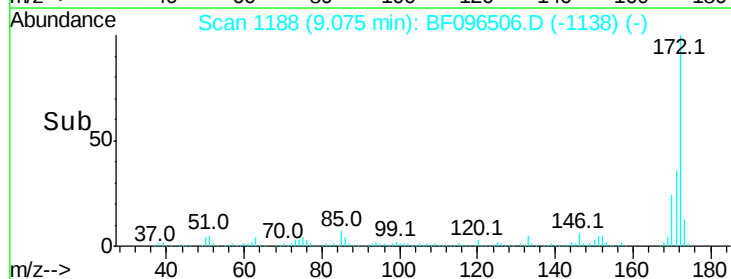
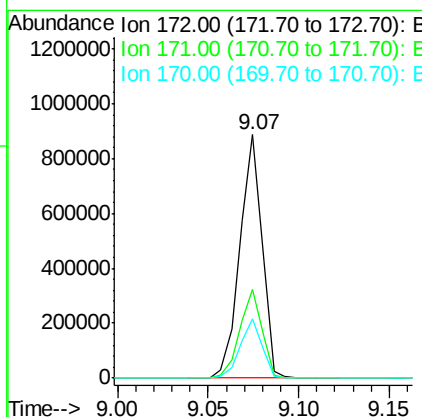
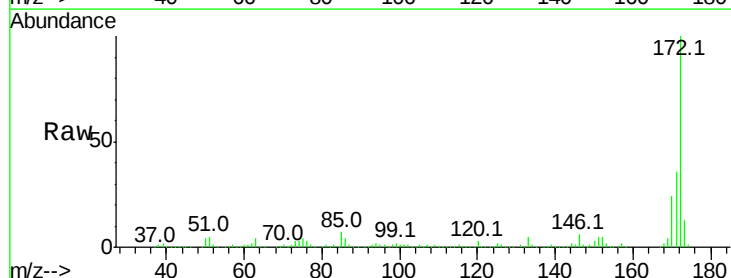
Instrument :
 BNA_F
 ClientSampleId :

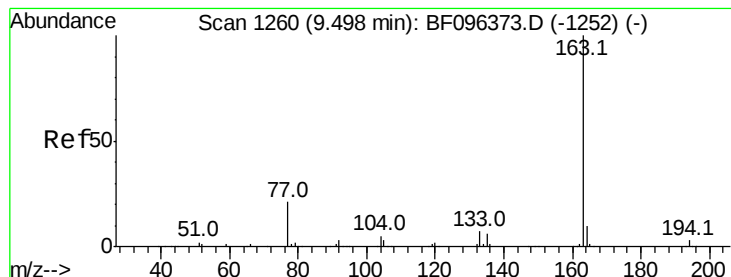
Tot Ion:330 Resp: 112039
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 38.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 72.53 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096506.D
 Acq: 6 Jul 2017 2:24

Tgt Ion:172 Resp: 757398
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 19.8 29.8





#49

Dimethylphthalate

Concen: 17.02 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF096506.D

Acq: 6 Jul 2017 2:24

Instrument :

BNA_F

ClientSampleId :

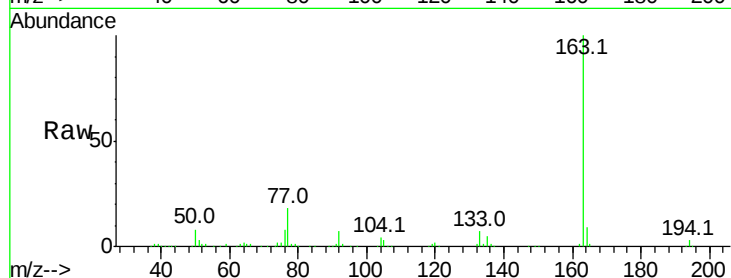
Tot Ion:163 Resp: 226837

Ion Ratio Lower Upper

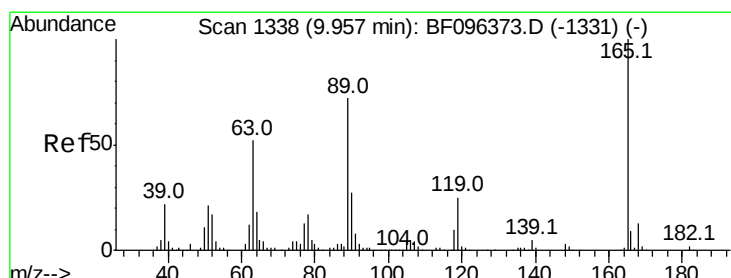
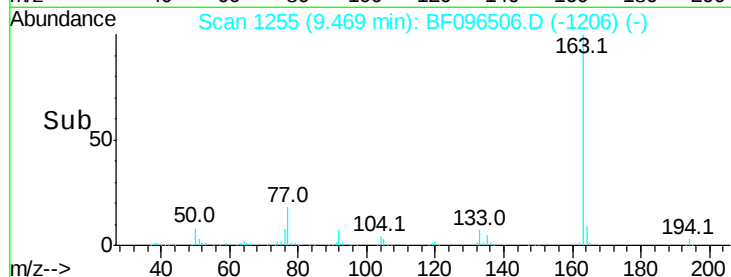
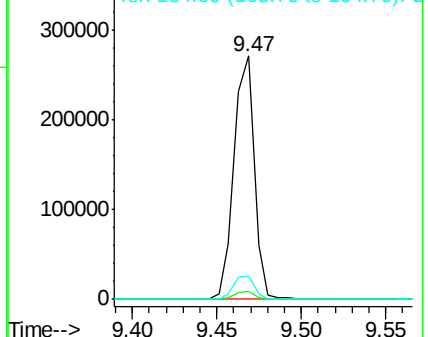
163 100

194 3.1 2.6 4.0

164 9.4 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: 6.17 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.19 min

Lab File: BF096506.D

Acq: 6 Jul 2017 2:24

Tgt Ion:165 Resp: 23022

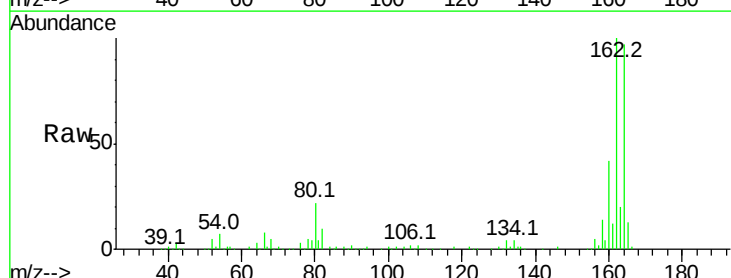
Ion Ratio Lower Upper

165 100

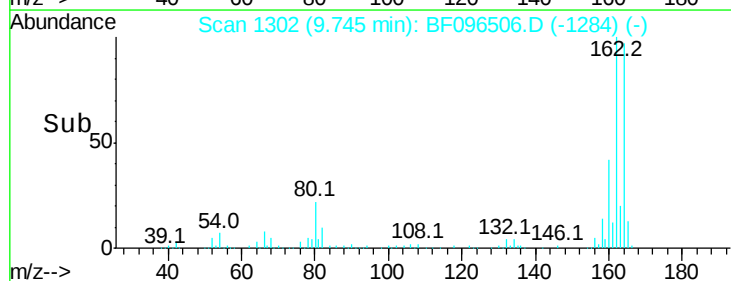
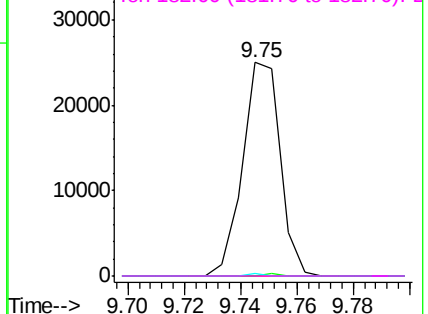
63 0.0 25.4 38.0#

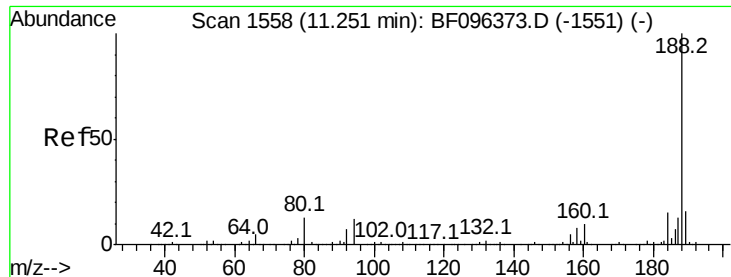
89 1.3 46.4 69.6#

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

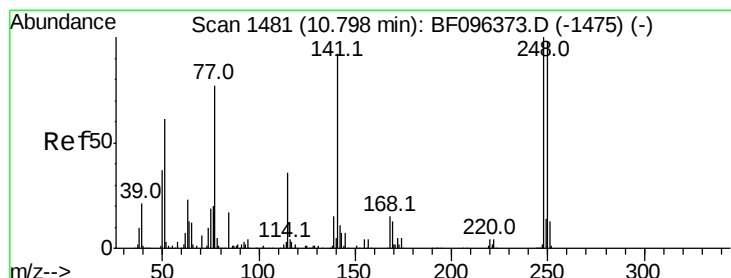
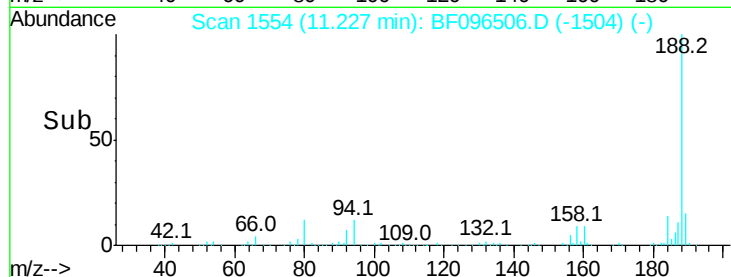
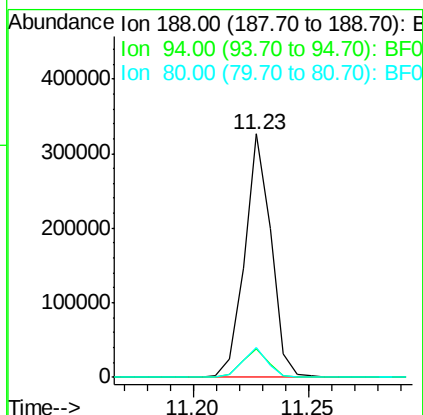
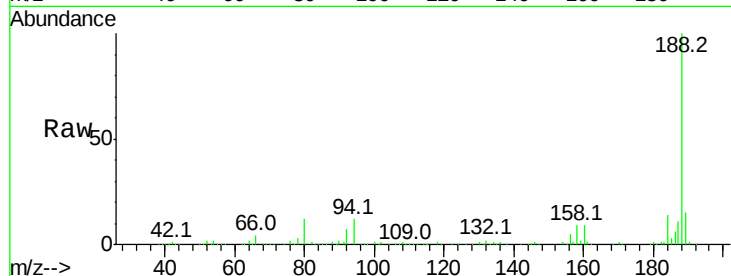




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096506.D
Acq: 6 Jul 2017 2:24

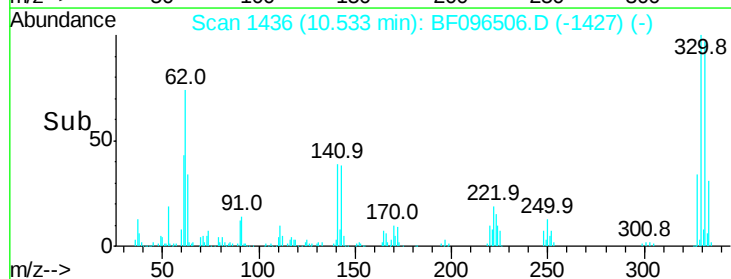
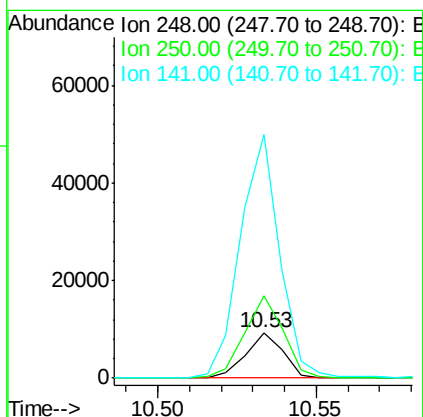
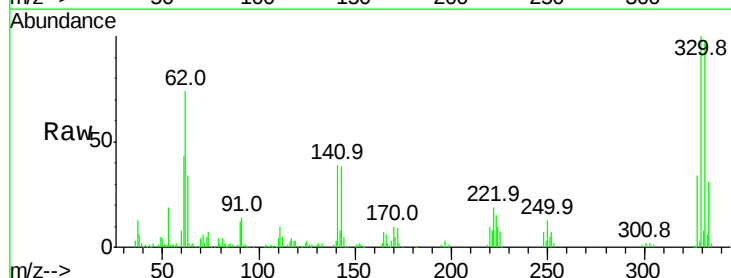
Instrument :
BNA_F
ClientSampleId :

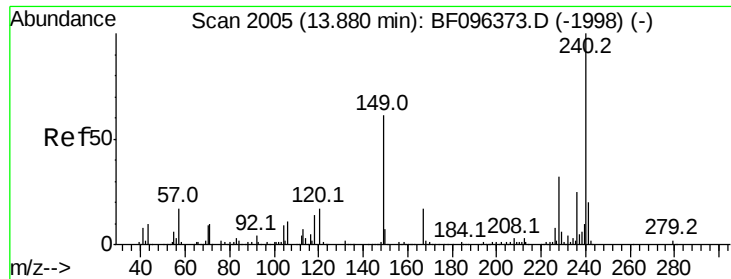
Tot Ion:188 Resp: 259661
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.1 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096506.D
Acq: 6 Jul 2017 2:24

Tgt Ion:248 Resp: 7595
Ion Ratio Lower Upper
248 100
250 181.2 76.8 115.2#
141 536.4 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096506.D

Acq: 6 Jul 2017 2:24

Instrument :

BNA_F

ClientSampleId :

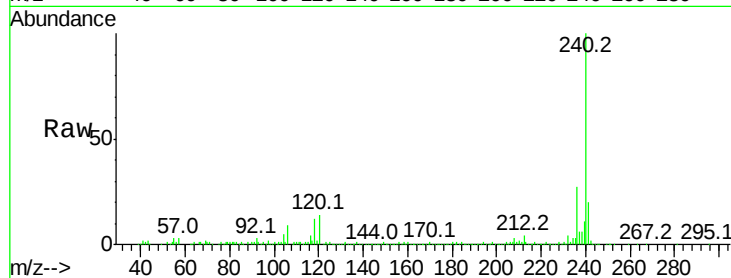
Tot Ion:240 Resp: 220974

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

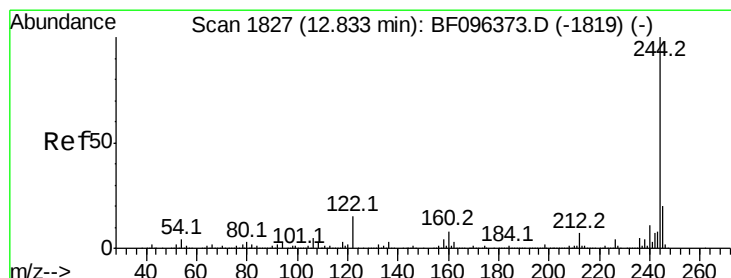
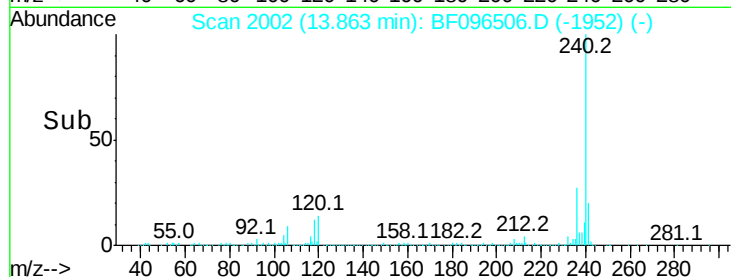
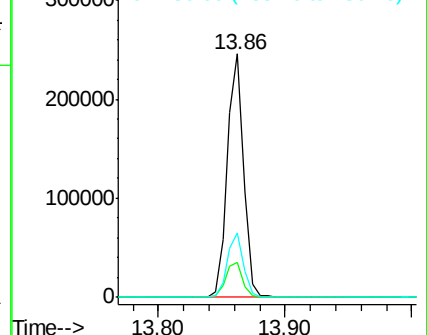
236 26.6 20.5 30.7



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: 49.40 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096506.D

Acq: 6 Jul 2017 2:24

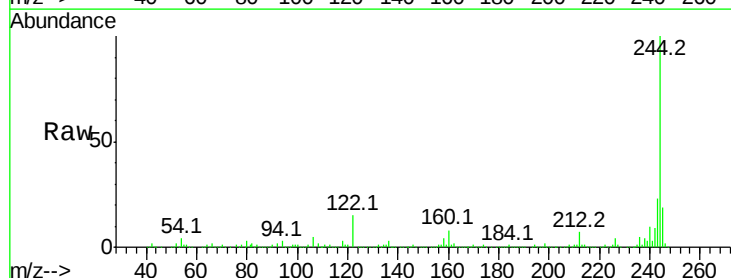
Tgt Ion:244 Resp: 510827

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

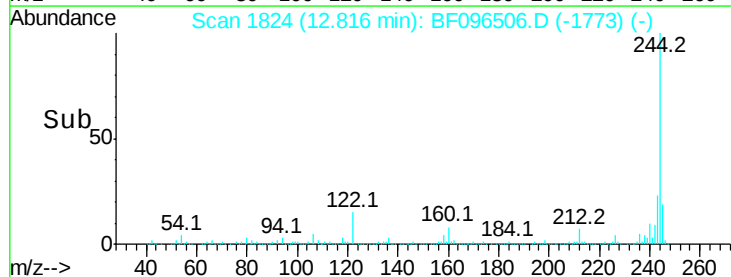
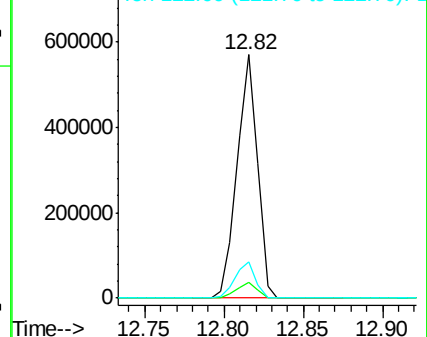
122 14.8 10.3 15.5

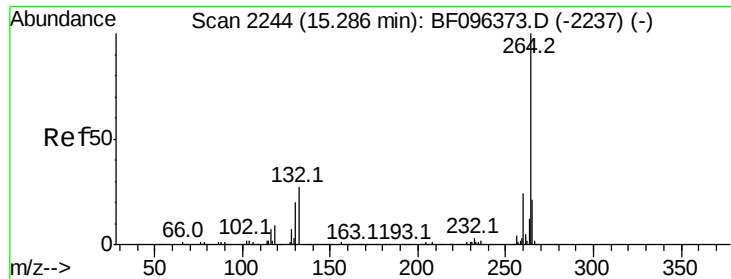


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

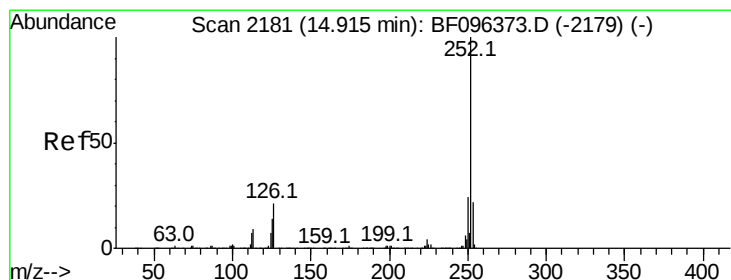
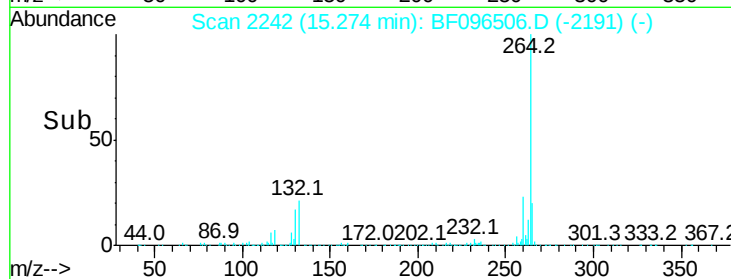
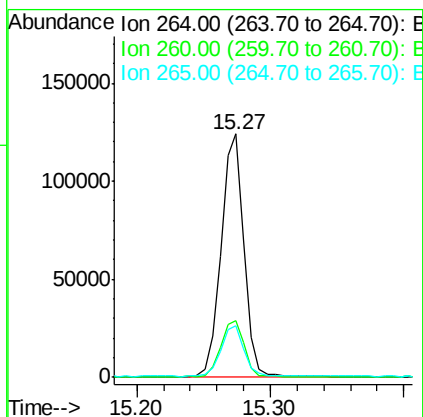
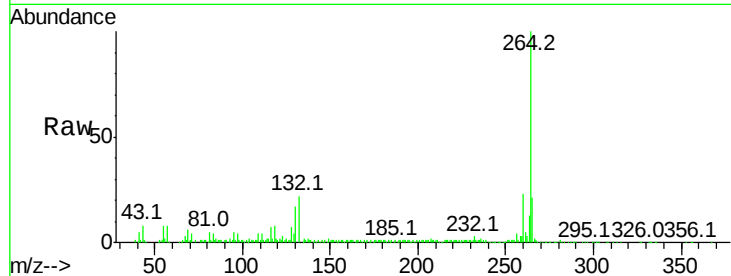




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096506.D
Acq: 6 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 151113
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 20.9 17.2 25.8



#88
Benzo(k)fluoranthene
Concen: 2.08 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF096506.D
Acq: 6 Jul 2017 2:24

Tgt Ion:252 Resp: 17650
Ion Ratio Lower Upper
252 100
253 32.6 18.4 27.6#
125 43.0 13.1 19.7#

