

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
 Data File : BF096749.D
 Acq On : 14 Jul 2017 1:22
 Operator : SJ/JU
 Sample : I4148-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE-1-2-3-4-COMP

Quant Time: Jul 14 04:49:39 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

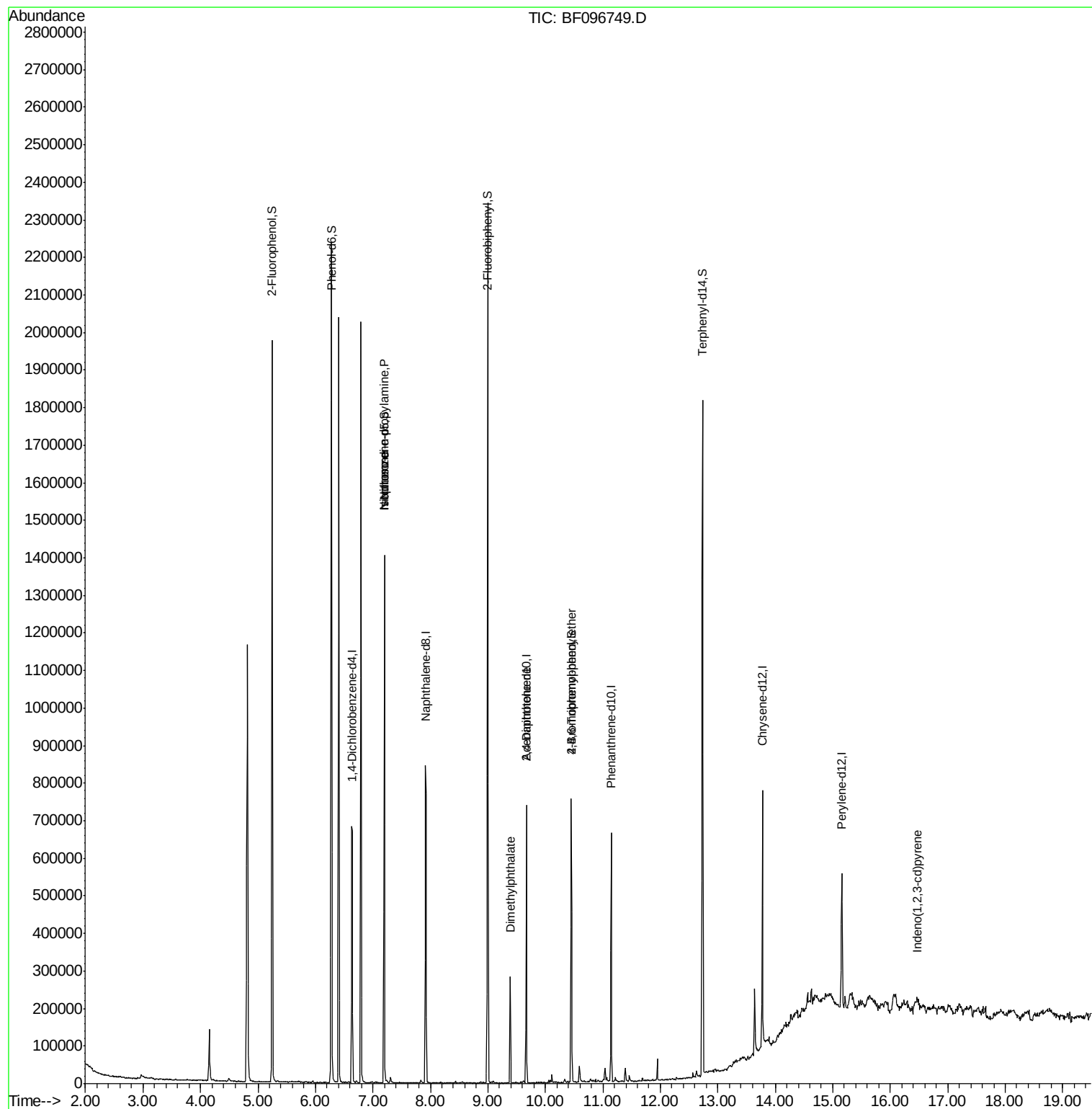
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	105421	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	394085	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	141092	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	218416	20.00	ng	0.00
75) Chrysene-d12	13.77	240	208274	20.00	ng	0.00
86) Perylene-d12	15.16	264	142633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	532983	76.02	ng	0.01
7) Phenol-d6	6.28	99	725816	86.27	ng	0.00
23) Nitrobenzene-d5	7.20	82	421441	66.24	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	74763	62.08	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	745311	83.46	ng	0.00
78) Terphenyl-d14	12.73	244	529770	44.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	54196	10.69	ng	# 87
25) Isophorone	7.20	82	417986	35.32	ng	# 67
49) Dimethylphthalate	9.39	163	113785	10.71	ng	97
56) 2,4-Dinitrotoluene	9.67	165	18448	6.24	ng	# 32
66) 4-Bromophenyl-phenylether	10.45	248	4843	2.17	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.47	276	826	3.39	ng	# 8

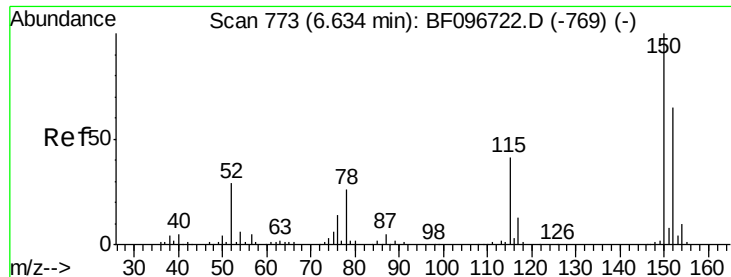
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Instrument :

BNA_F

ClientSampleId :

POLE-1-2-3-4-COMP

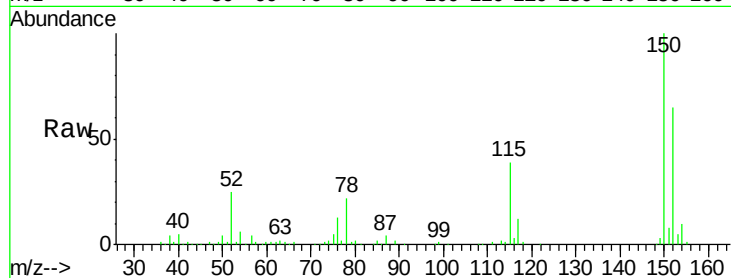
Tot Ion:152 Resp: 105421

Ion Ratio Lower Upper

152 100

150 154.0 126.2 189.2

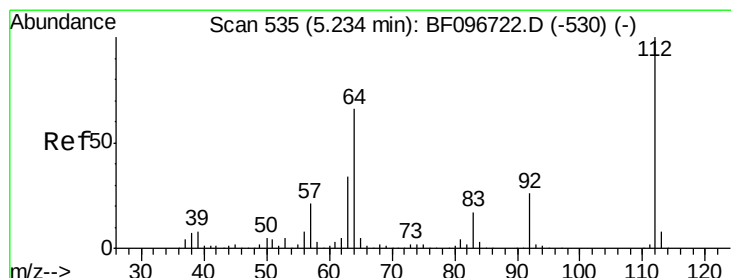
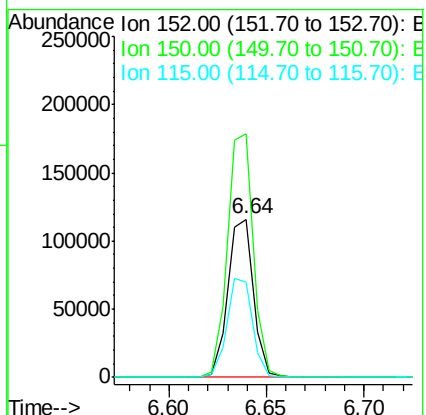
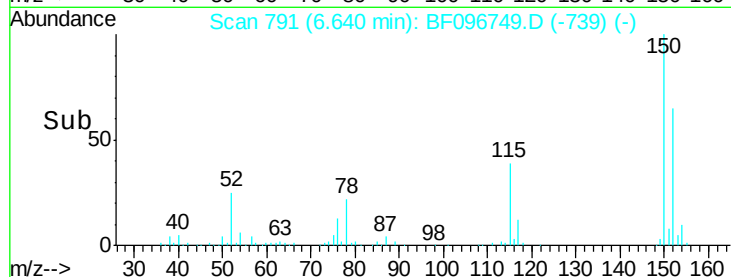
115 60.2 52.2 78.2



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: 76.02 ng

RT: 5.25 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

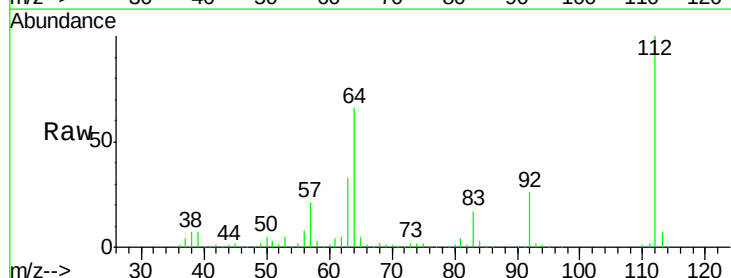
Tgt Ion:112 Resp: 532983

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

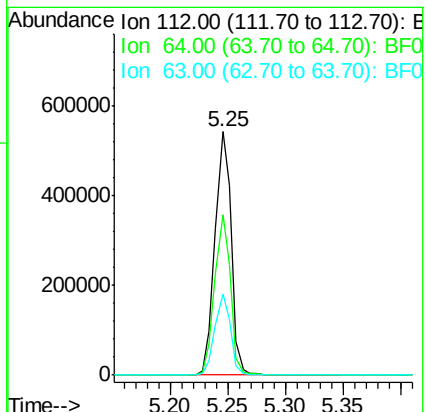
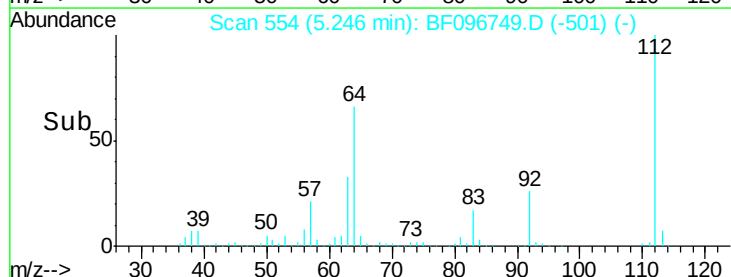
63 33.2 23.4 35.0

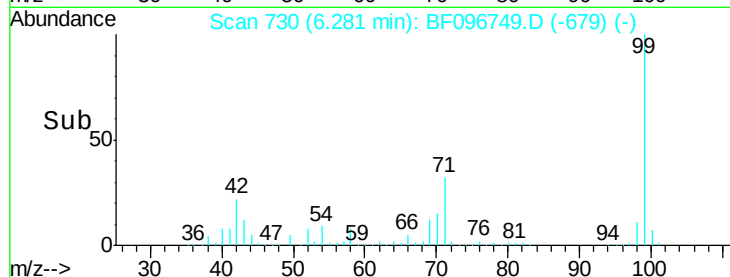
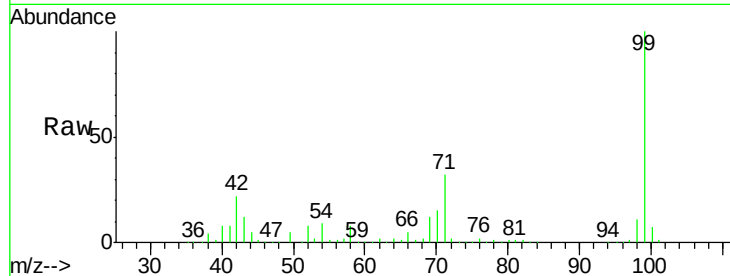
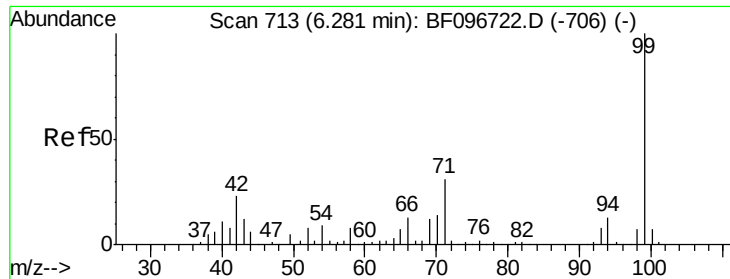


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 86.27 ng

RT: 6.28 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Instrument :

BNA_F

ClientSampleId :

POLE-1-2-3-4-COMP

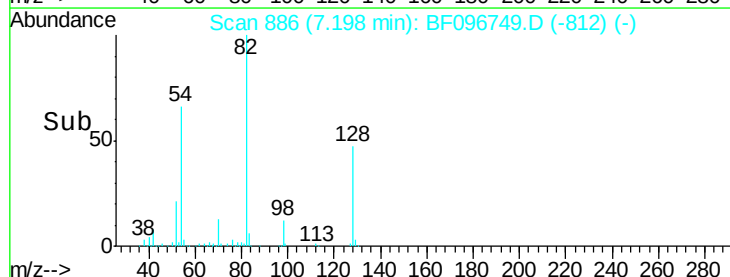
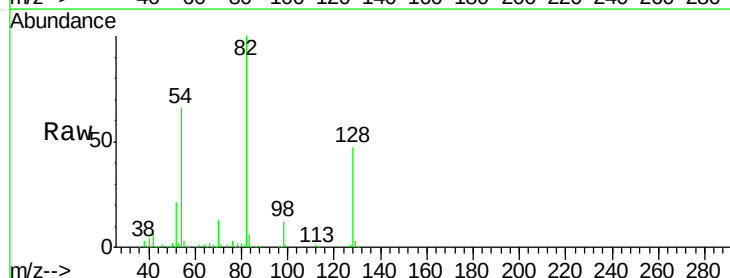
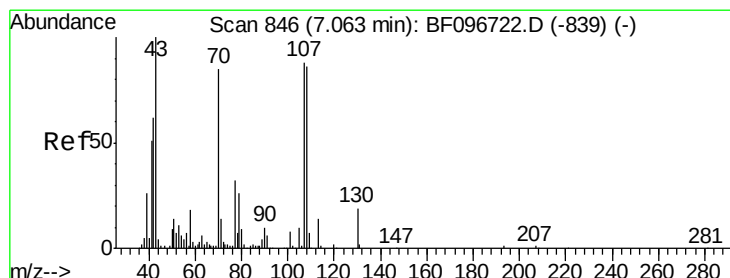
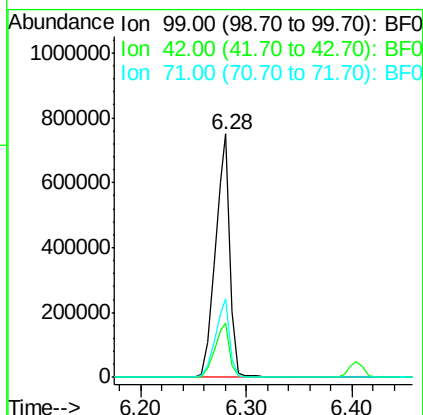
Tot Ion: 99 Resp: 725816

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

71 32.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.69 ng

RT: 7.20 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Tgt Ion: 70 Resp: 54196

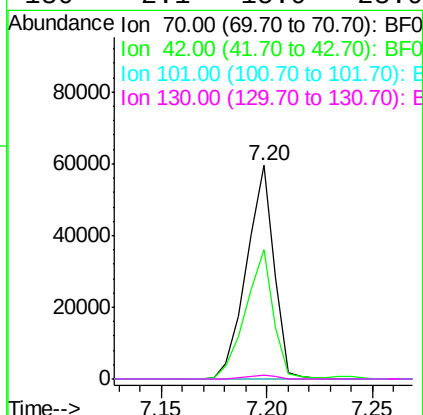
Ion Ratio Lower Upper

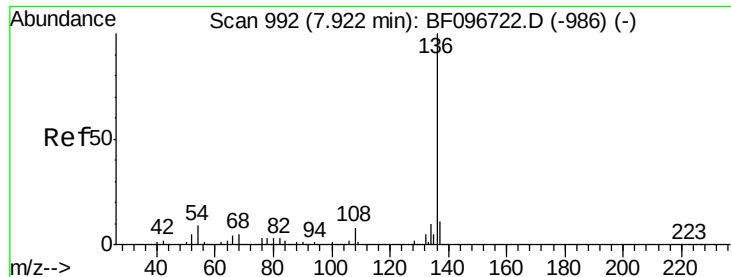
70 100

42 60.4 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: 7.92 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Instrument :

BNA_F

ClientSampleId :

POLE-1-2-3-4-COMP

Tot Ion:136 Resp: 394085

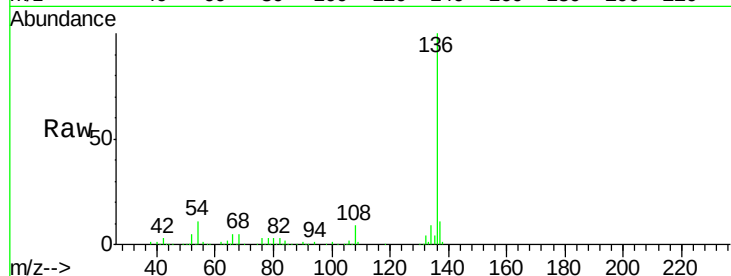
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.9 4.9 7.3#

68 5.3 4.1 6.1

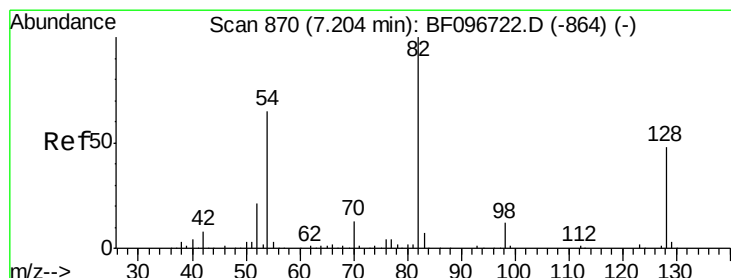
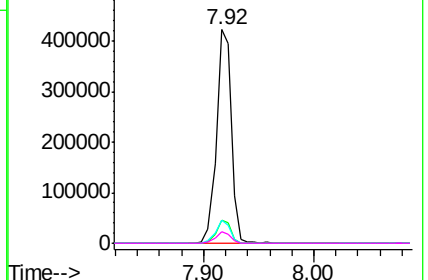
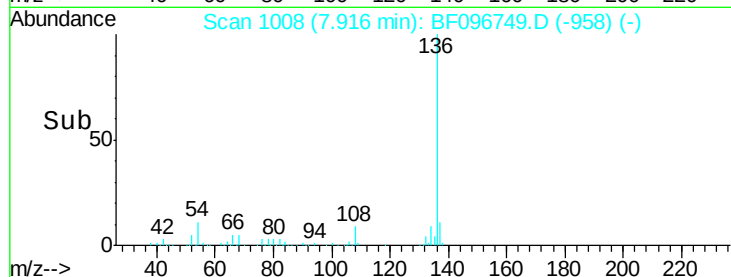


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.24 ng

RT: 7.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

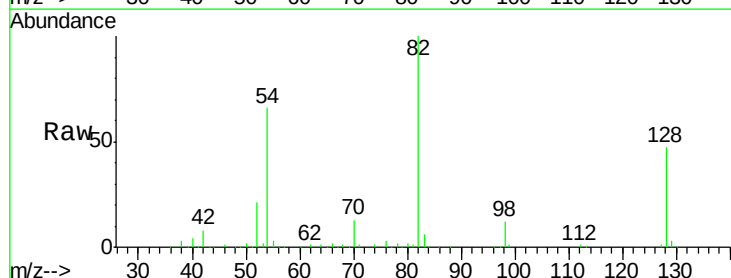
Tgt Ion: 82 Resp: 421441

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

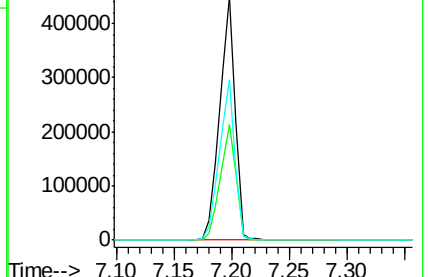
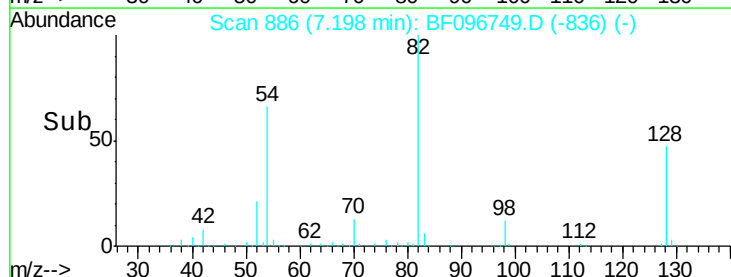
54 66.0 42.2 63.2#

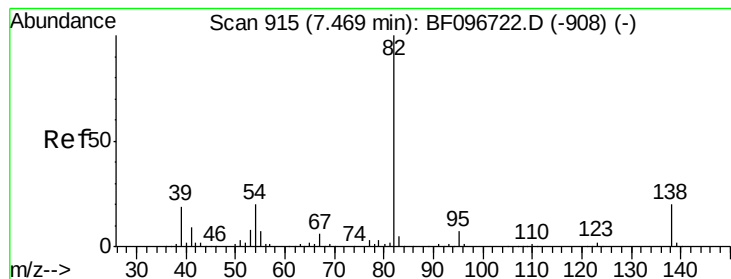


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.32 ng

RT: 7.20 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Instrument :

BNA_F

ClientSampleId :

POLE-1-2-3-4-COMP

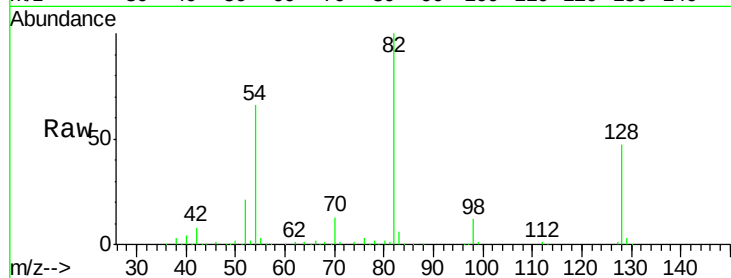
Tot Ion: 82 Resp: 417986

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

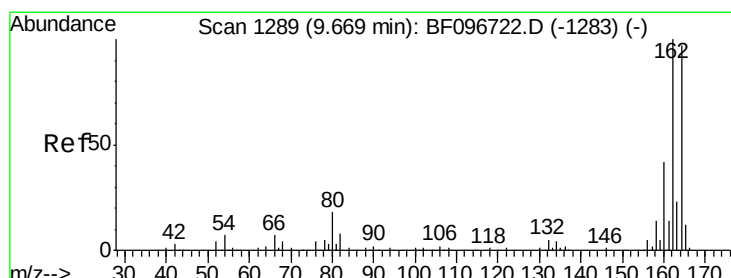
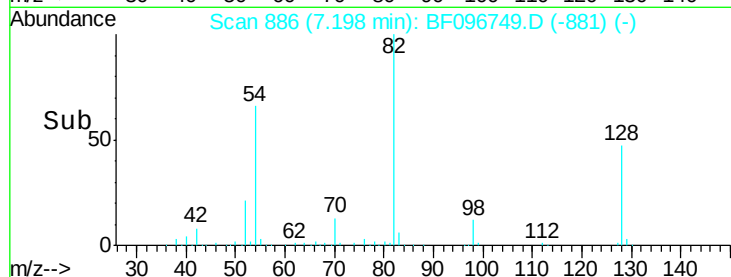
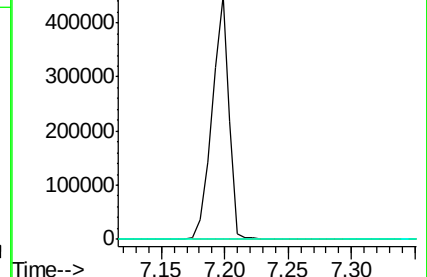
138 0.0 13.1 19.7#



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: 9.67 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

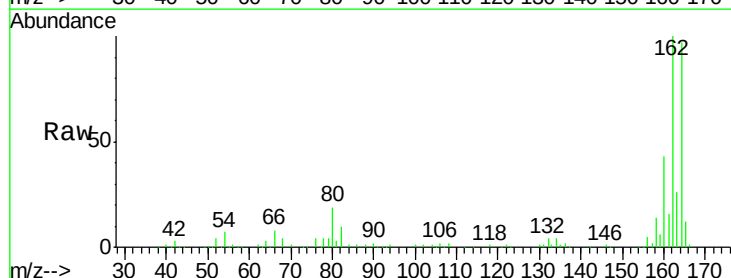
Tgt Ion: 164 Resp: 141092

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

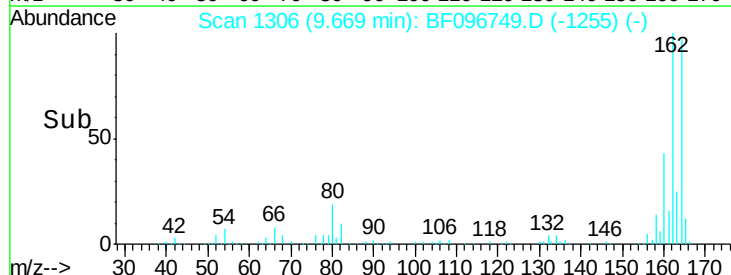
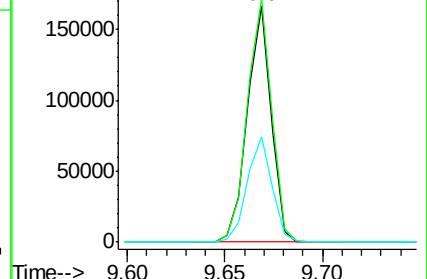
160 44.7 36.2 54.2

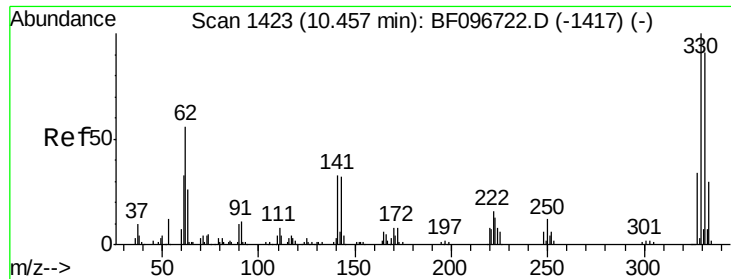


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

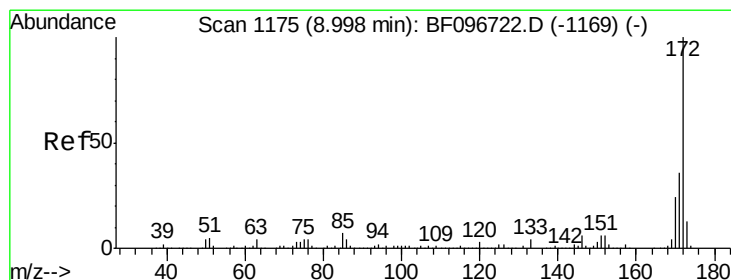
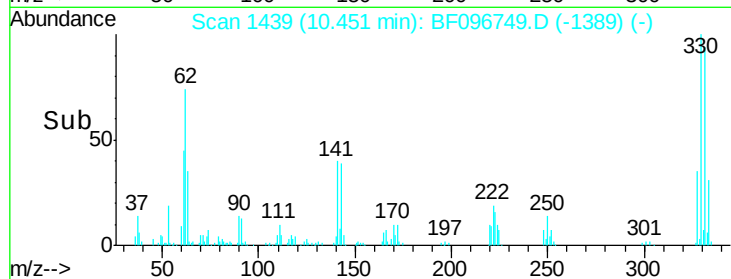
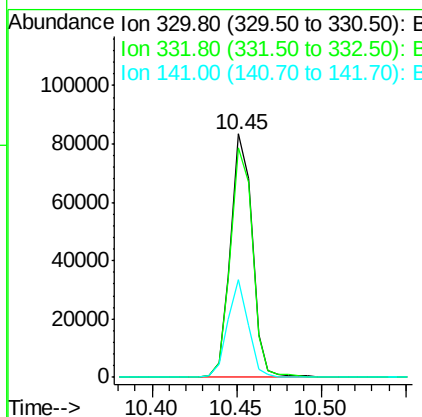
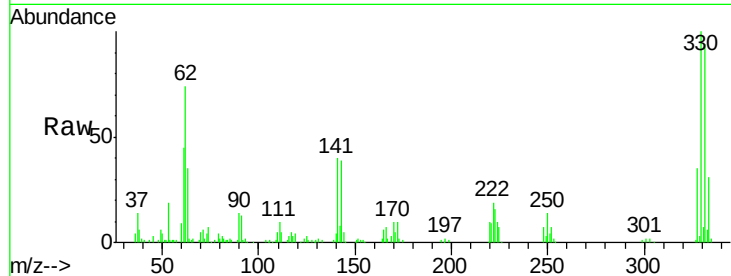




#41
 2,4,6-Tribromophenol
 Concen: 62.08 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096749.D
 Acq: 14 Jul 2017 1:22

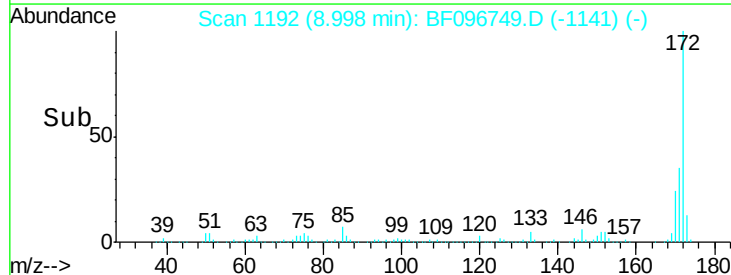
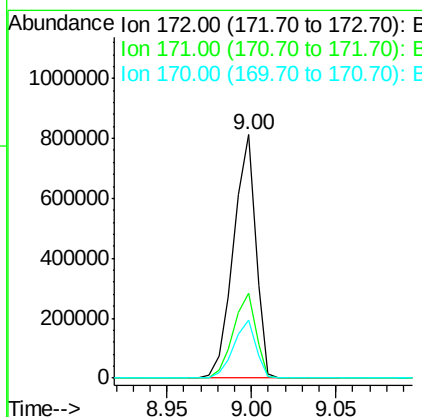
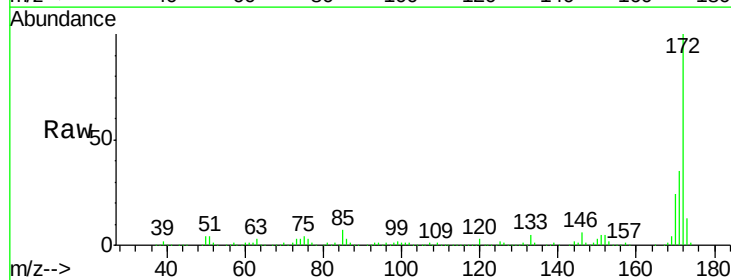
Instrument :
 BNA_F
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 POLE-1-2-3-4-COMP

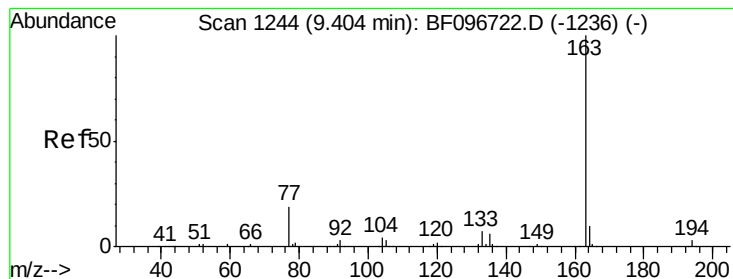
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	37.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 83.46 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096749.D
 Acq: 14 Jul 2017 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.0	19.8	29.8





#49

Dimethylphthalate

Concen: 10.71 ng

RT: 9.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Instrument :

BNA_F

ClientSampleId :

POLE-1-2-3-4-COMP

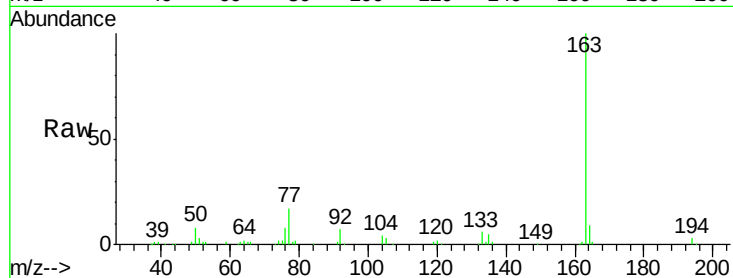
Tot Ion:163 Resp: 113785

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

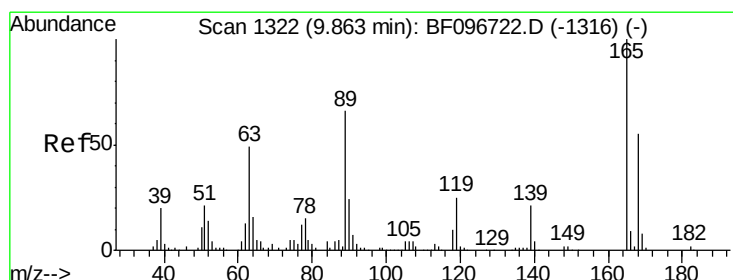
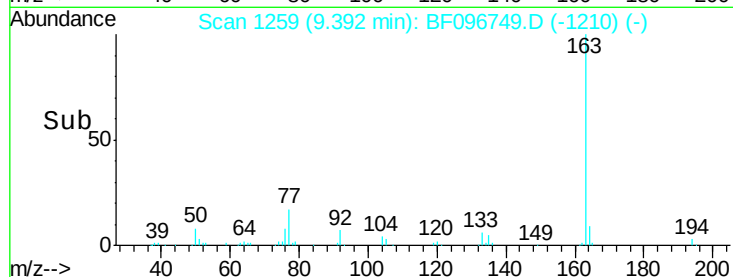
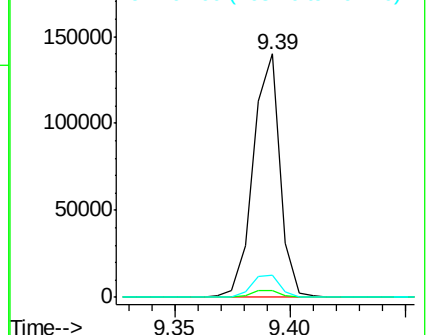
164 9.3 8.4 12.6



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: 6.24 ng

RT: 9.67 min Scan# 1306

Delta R.T. -0.19 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Tgt Ion:165 Resp: 18448

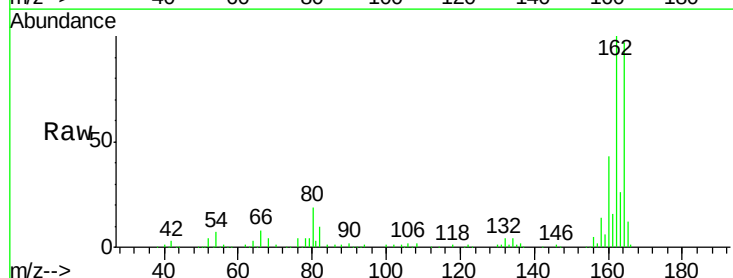
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

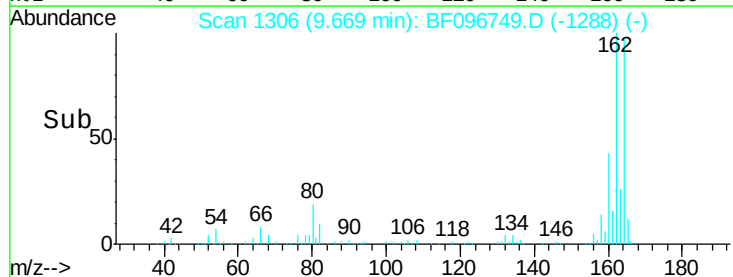
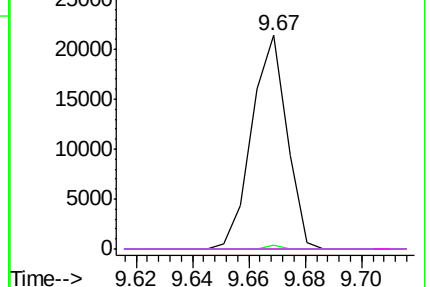


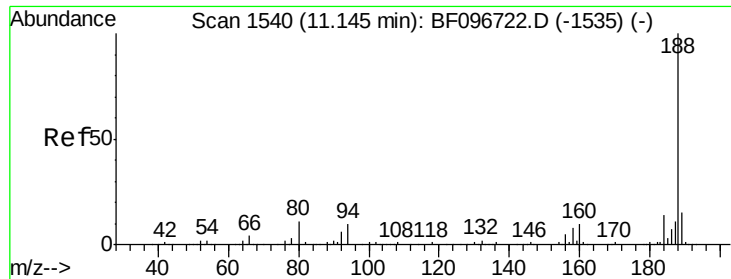
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.15 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Instrument :

BNA_F

ClientSampleId :

POLE-1-2-3-4-COMP

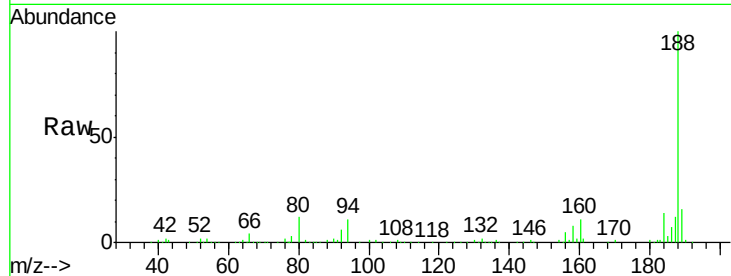
Tot Ion:188 Resp: 218416

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

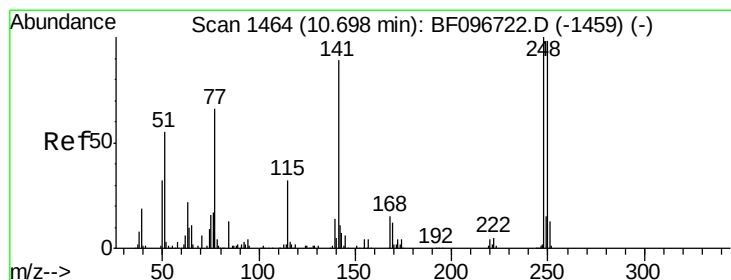
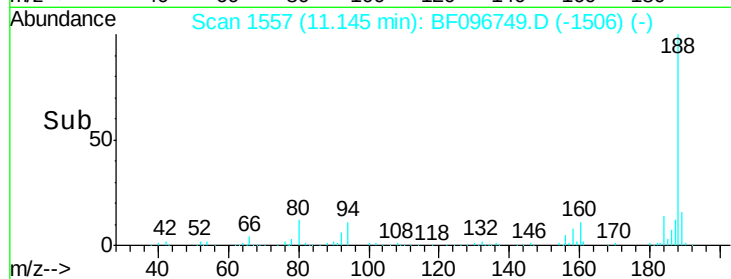
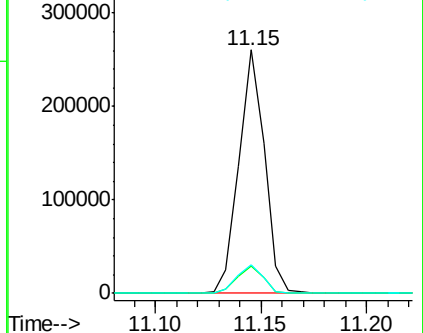
80 11.5 10.2 15.2



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: 2.17 ng

RT: 10.45 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

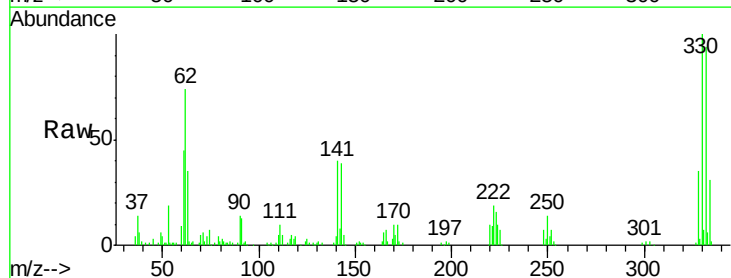
Tgt Ion:248 Resp: 4843

Ion Ratio Lower Upper

248 100

250 196.6 76.8 115.2#

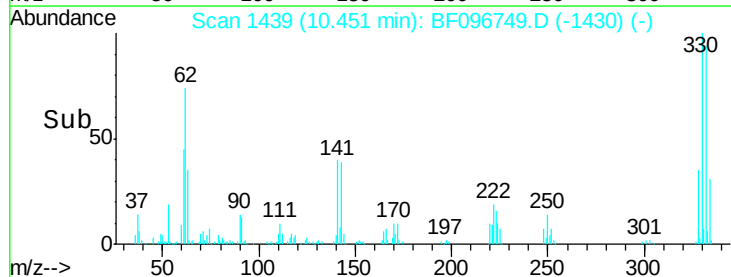
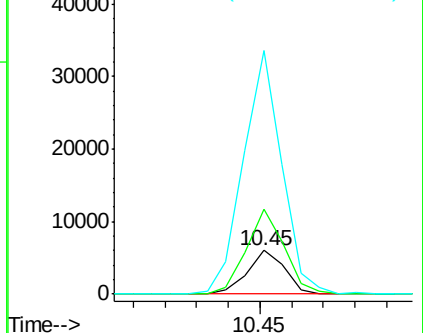
141 561.3 68.6 103.0#

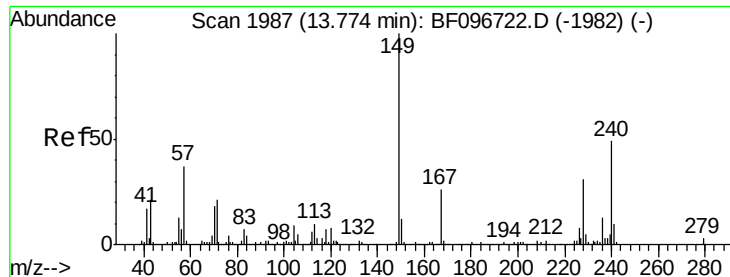


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

Instrument :

BNA_F

ClientSampleId :

POLE-1-2-3-4-COMP

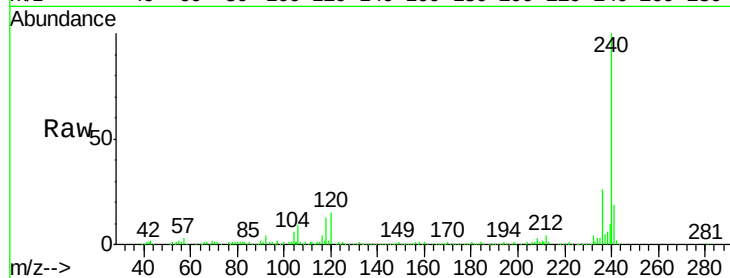
Tot Ion:240 Resp: 208274

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

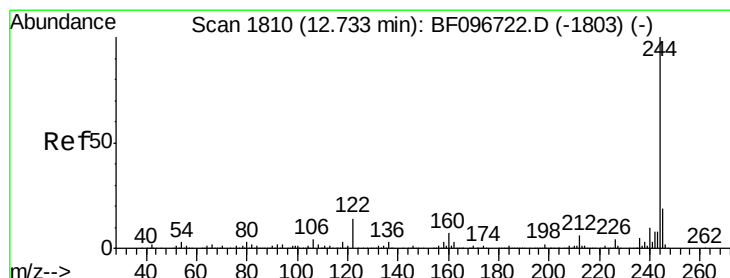
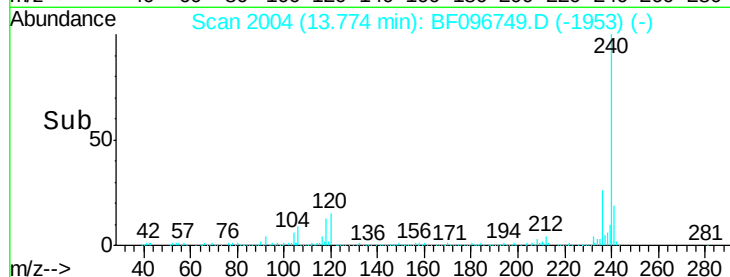
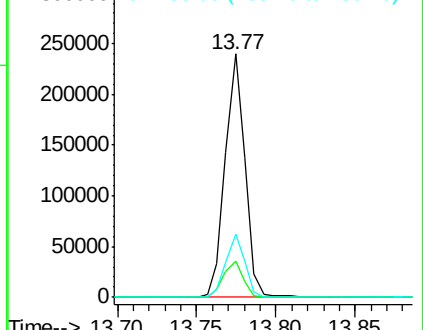
236 26.1 20.5 30.7



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: 44.11 ng

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF096749.D

Acq: 14 Jul 2017 1:22

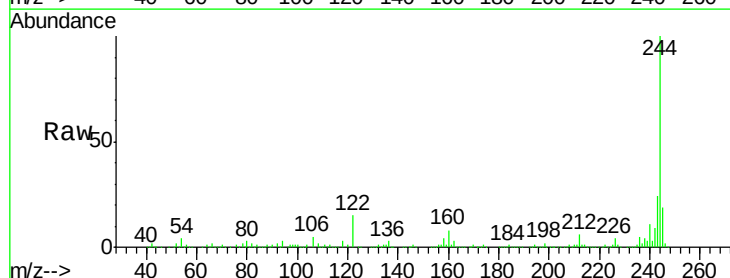
Tgt Ion:244 Resp: 529770

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

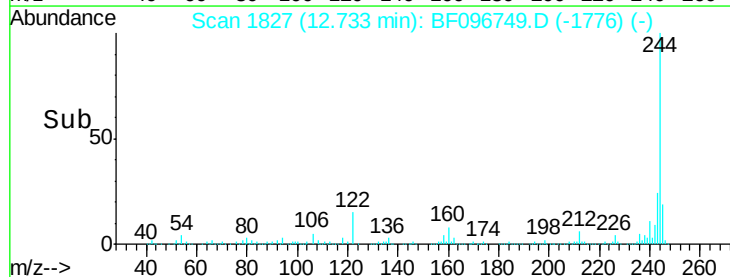
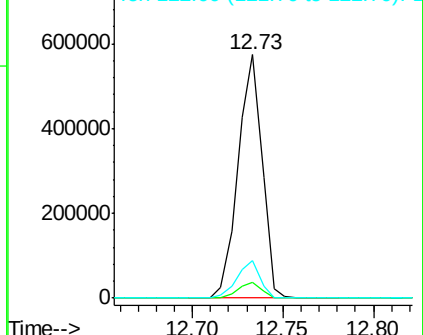
122 15.3 10.3 15.5

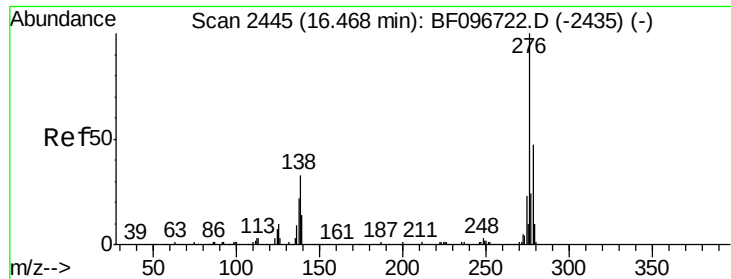


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

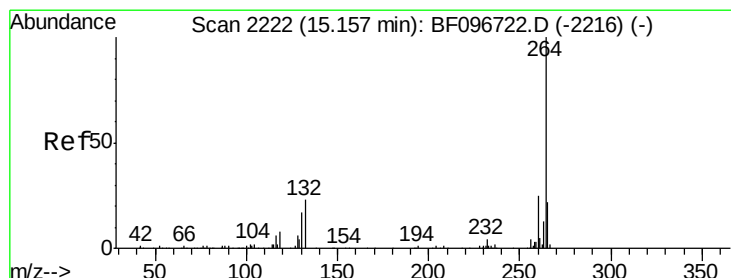
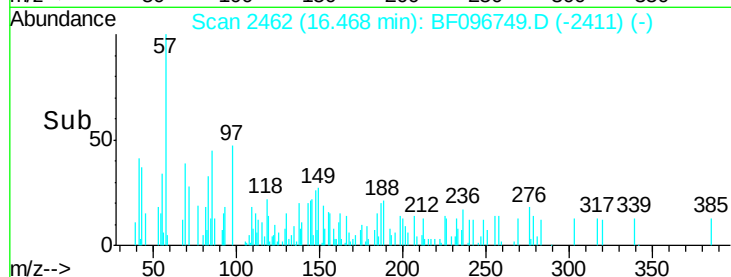
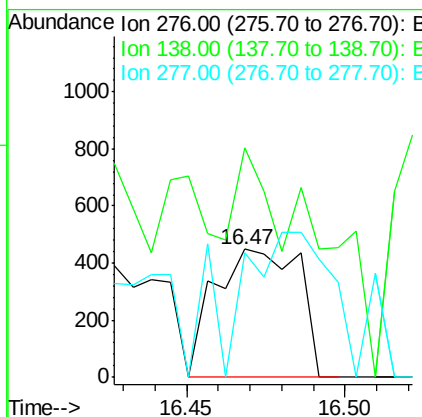
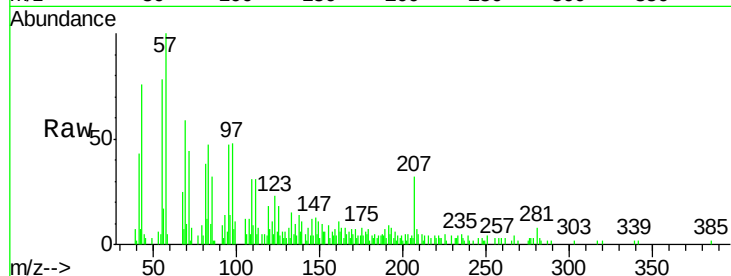




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.39 ng
RT: 16.47 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF096749.D
Acq: 14 Jul 2017 1:22

Instrument :
BNA_F
ClientSampleId :
POLE-1-2-3-4-COMP

Tot Ion:276 Resp: 826
Ion Ratio Lower Upper
276 100
138 25.4 27.8 41.6#
277 124.6 20.2 30.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096749.D
Acq: 14 Jul 2017 1:22

Tgt Ion:264 Resp: 142633
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.2 17.2 25.8

