

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097969.D
 Acq On : 22 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4872-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Aug 23 01:07:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

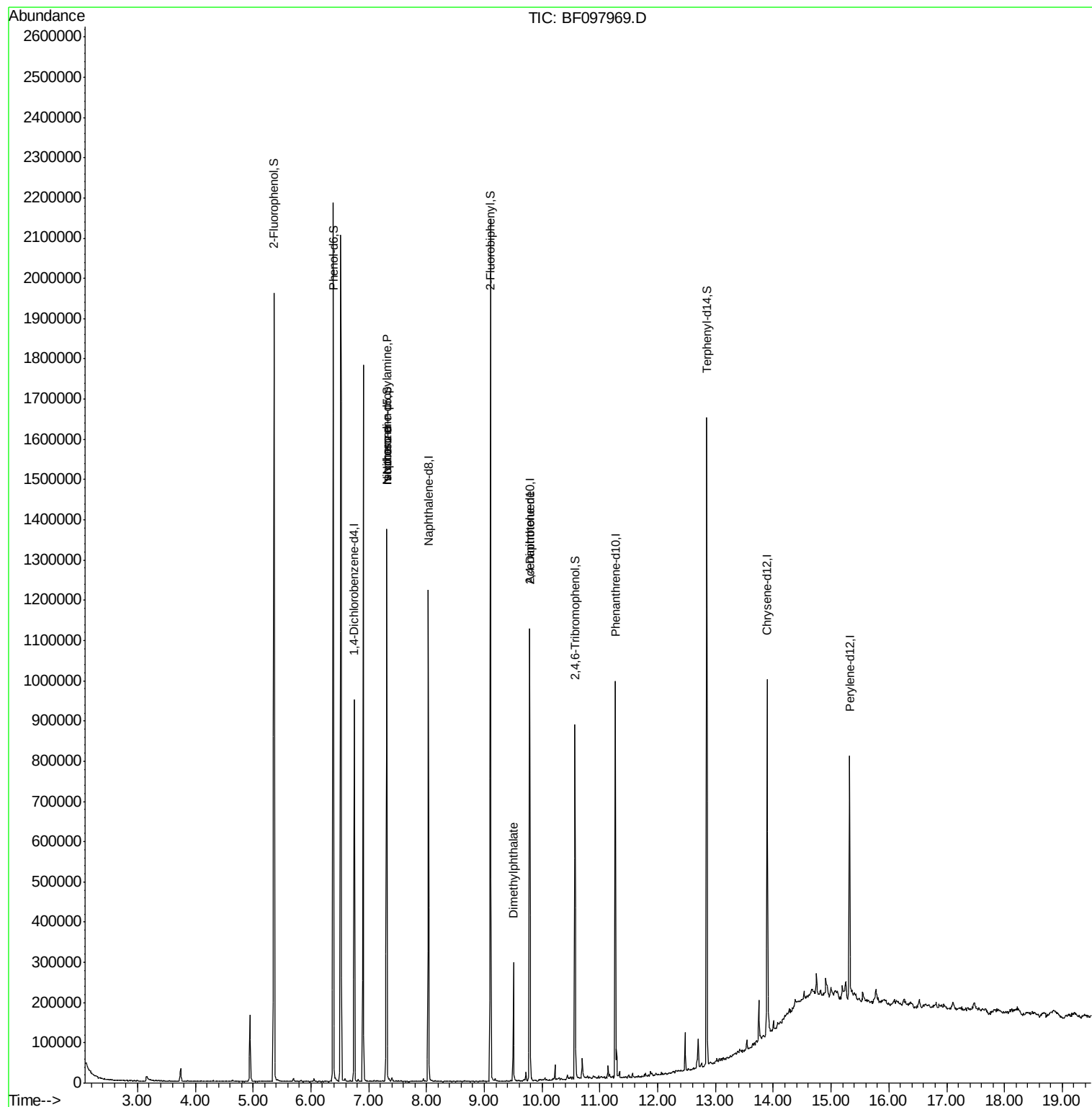
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	132348	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	518965	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	217048	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	354147	20.00	ng	0.00
75) Chrysene-d12	13.90	240	277358	20.00	ng	0.00
86) Perylene-d12	15.32	264	252156	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	558994	64.25	ng	0.01
7) Phenol-d6	6.39	99	748714	63.33	ng	0.00
23) Nitrobenzene-d5	7.31	82	480462	50.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	79217	42.06	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	658341	44.56	ng	0.00
78) Terphenyl-d14	12.85	244	426622	32.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	64350	7.95	ng	# 72
25) Isophorone	7.31	82	469573	23.64	ng	# 67
49) Dimethylphthalate	9.50	163	104959	6.62	ng	98
56) 2,4-Dinitrotoluene	9.79	165	27929	7.03	ng	# 34

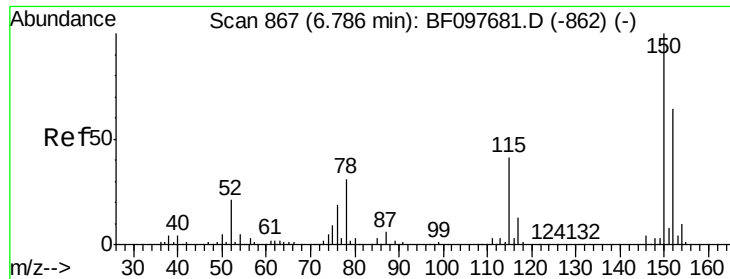
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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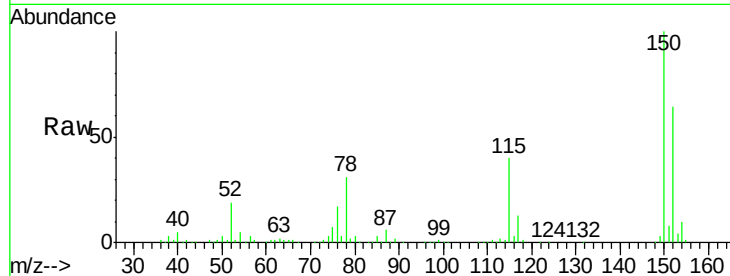


#1

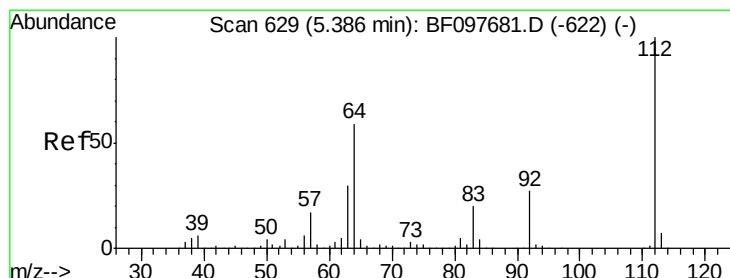
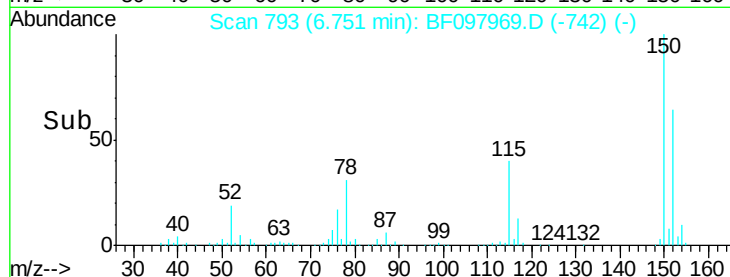
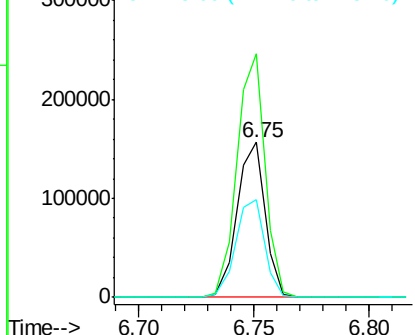
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion:152 Resp: 132348
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 62.9 52.2 78.2



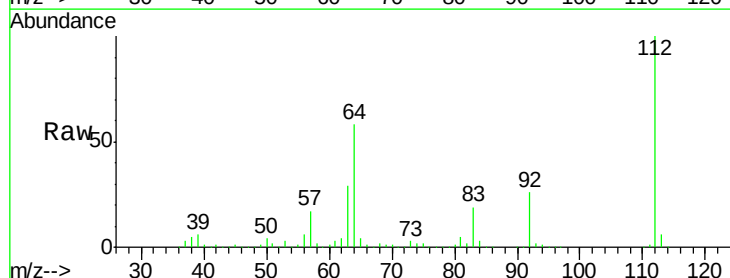
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



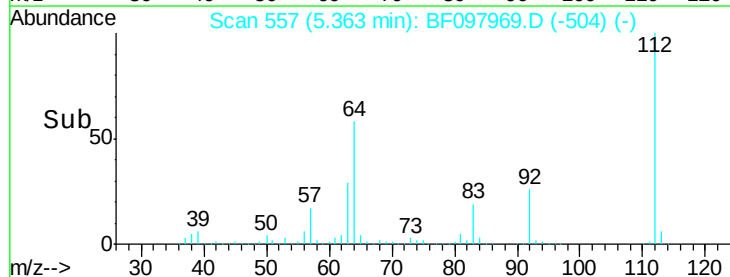
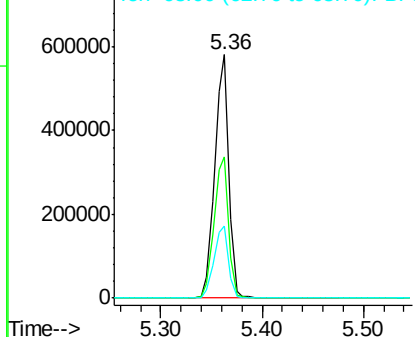
#5

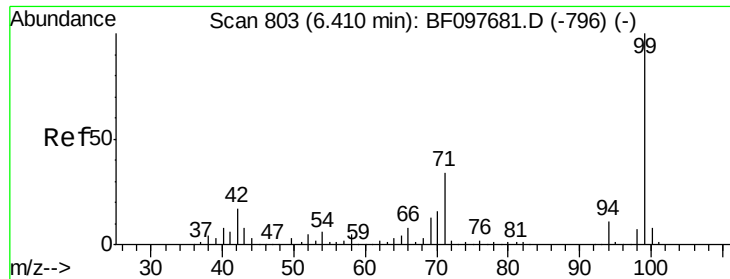
2-Fluorophenol
Concen: 64.25 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

Tgt Ion:112 Resp: 558994
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.5 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: 63.33 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Instrument :

BNA_F

ClientSampled :

SB-15-COMP

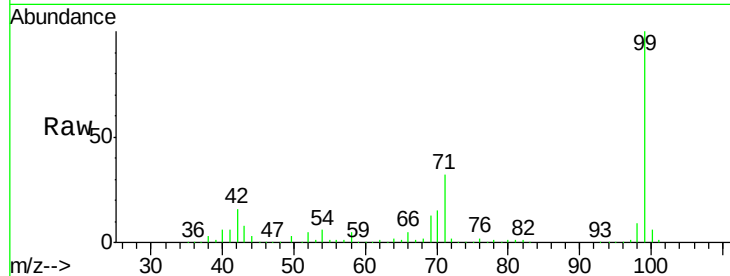
Tot Ion: 99 Resp: 748714

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

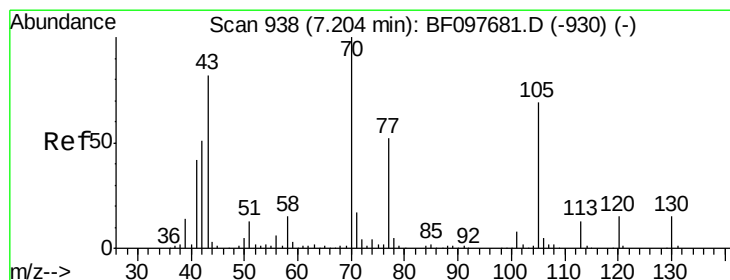
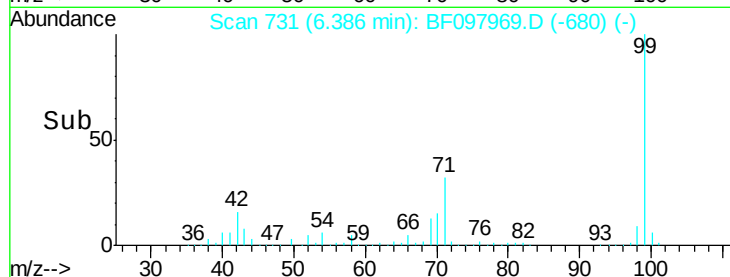
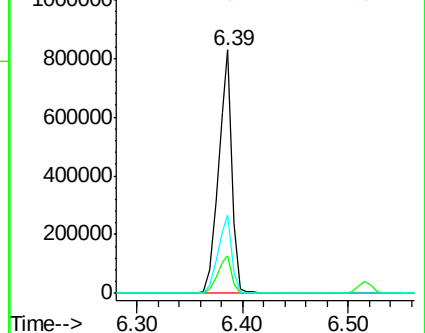
71 32.0 24.5 36.7



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: 7.95 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Tgt Ion: 70 Resp: 64350

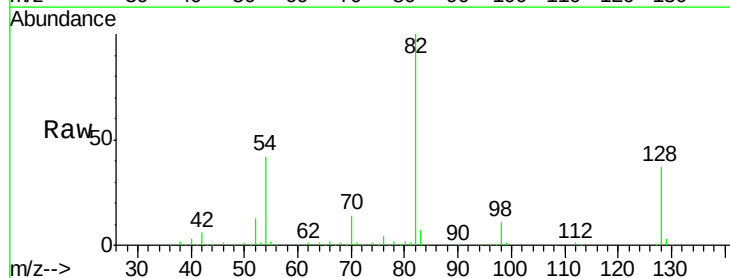
Ion Ratio Lower Upper

70 100

42 40.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

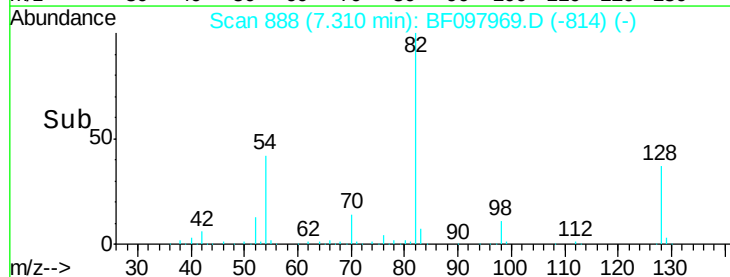
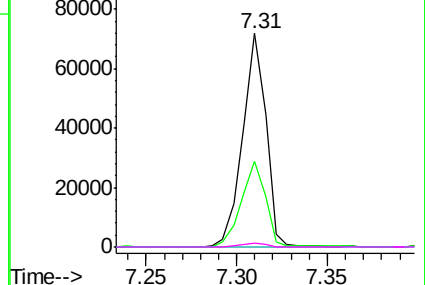


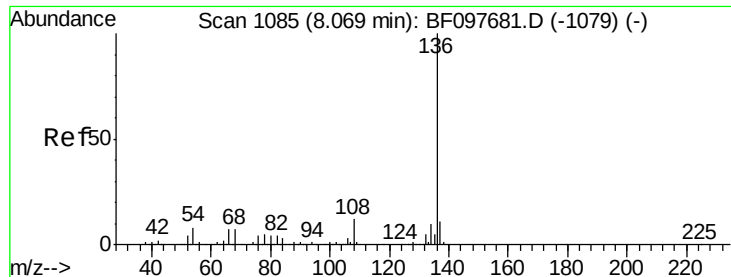
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

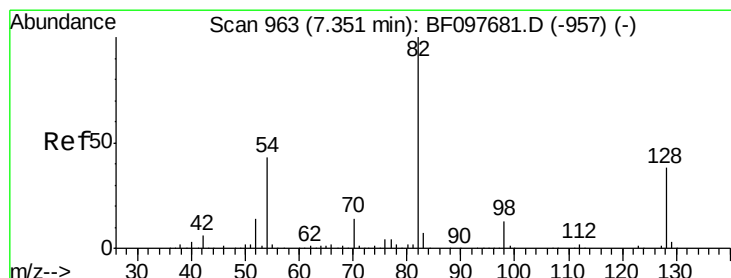
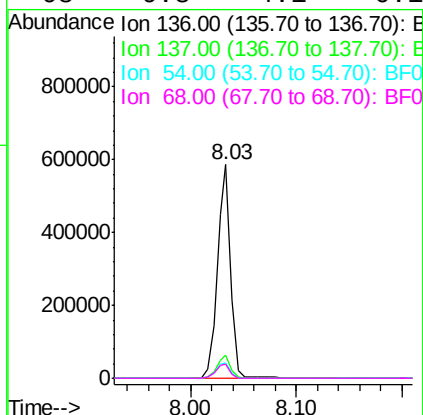
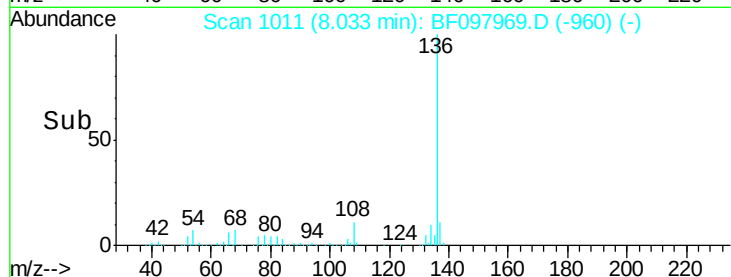
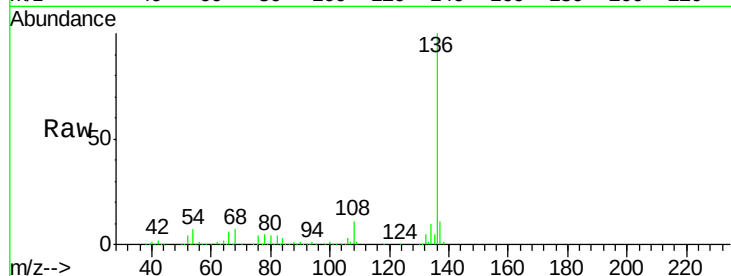




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

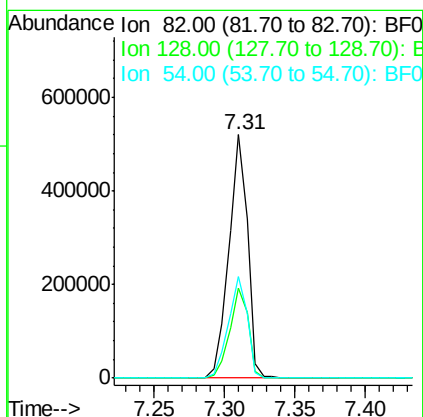
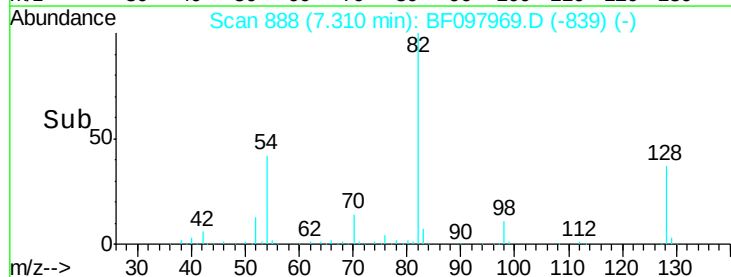
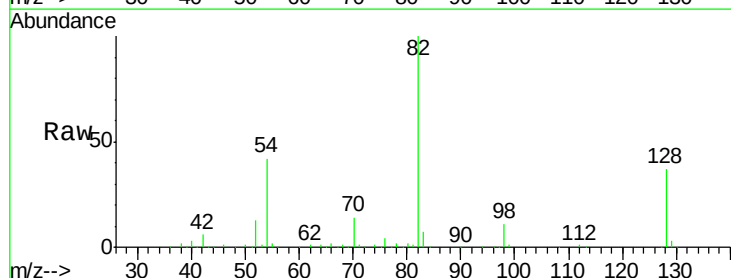
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

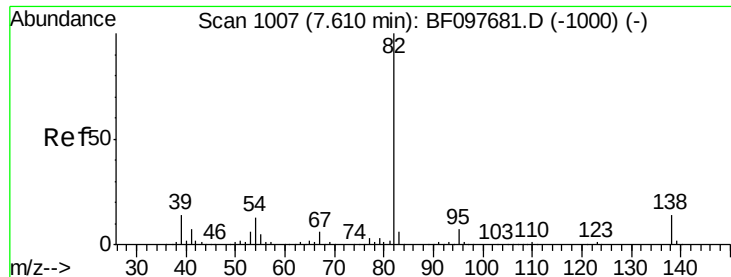
Tot Ion:136 Resp: 518965
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.3 4.9 7.3
68 6.8 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 50.29 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

Tgt Ion: 82 Resp: 480462
Ion Ratio Lower Upper
82 100
128 36.8 34.0 51.0
54 41.6 42.2 63.2#





#25

Isophorone

Concen: 23.64 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

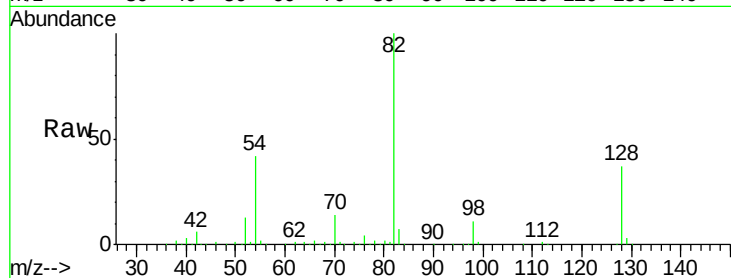
Tot Ion: 82 Resp: 469573

Ion Ratio Lower Upper

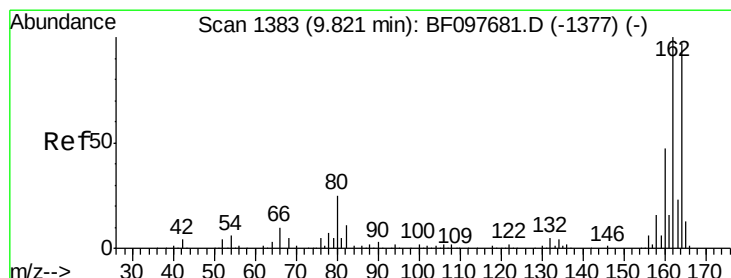
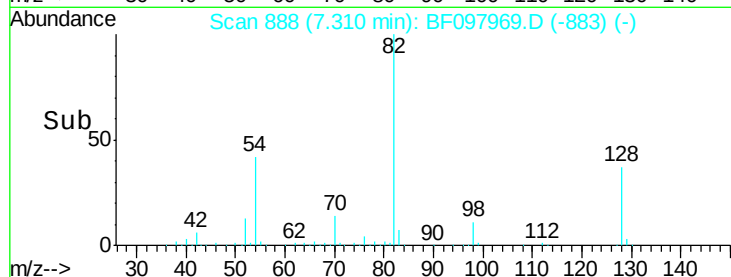
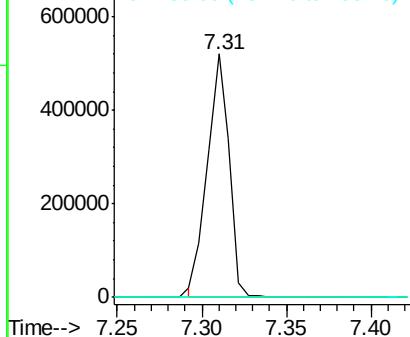
82 100

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: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

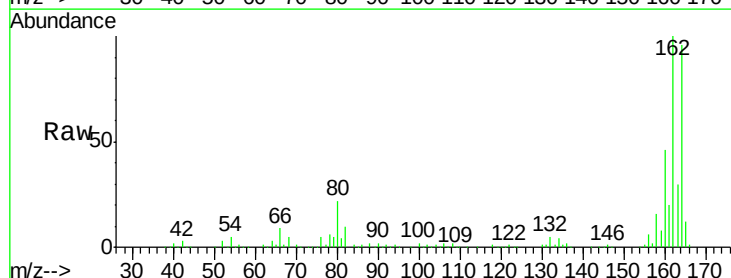
Tgt Ion: 164 Resp: 217048

Ion Ratio Lower Upper

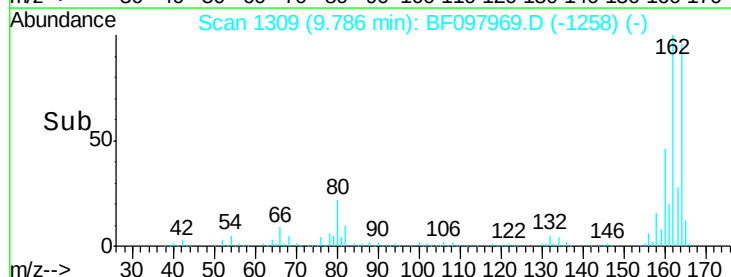
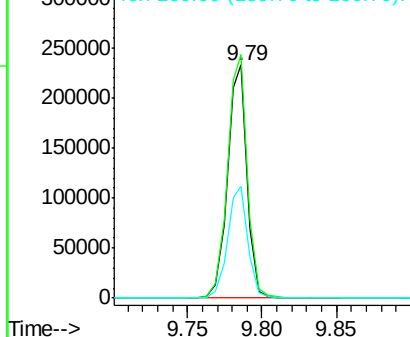
164 100

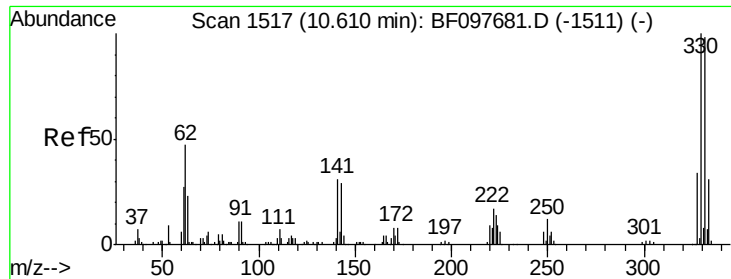
162 104.4 82.6 123.8

160 48.0 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

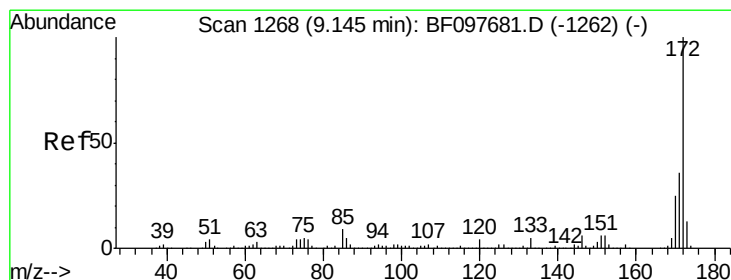
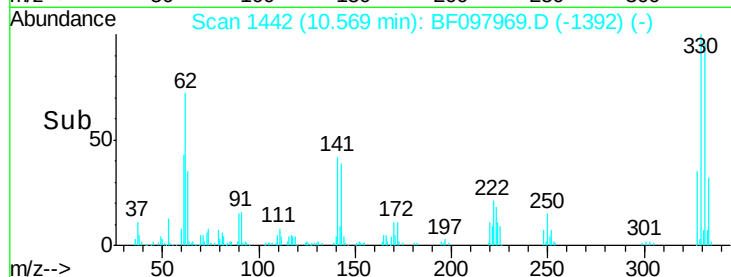
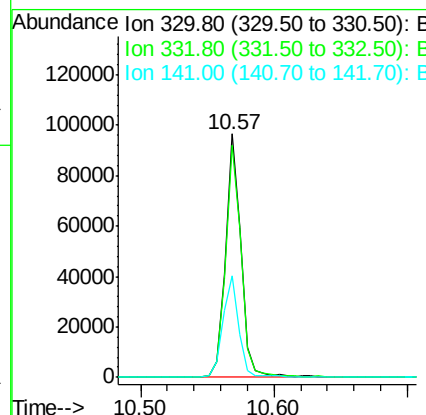
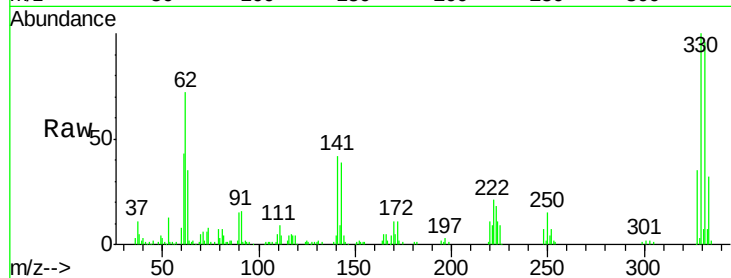




#41
 2,4,6-Tribromophenol
 Concen: 42.06 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097969.D
 Acq: 22 Aug 2017 22:31

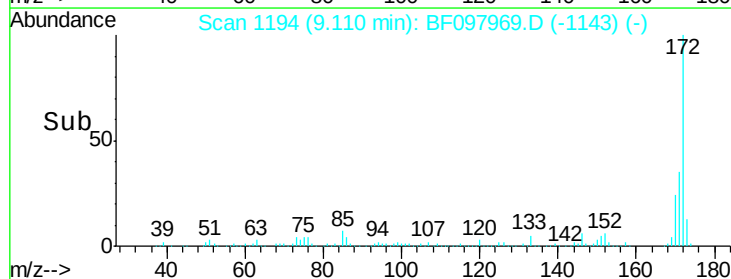
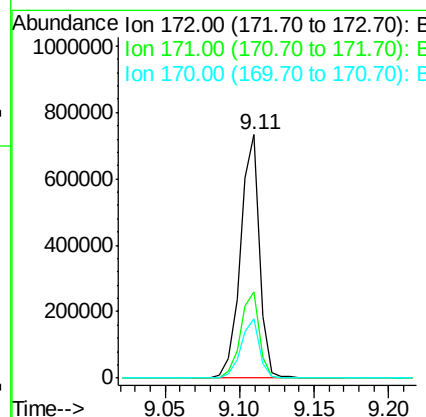
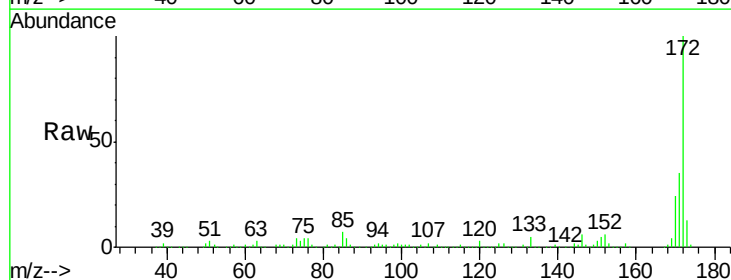
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

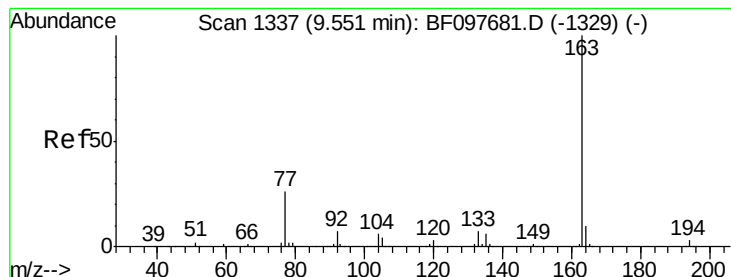
Tot Ion:330 Resp: 79217
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 42.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 44.56 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097969.D
 Acq: 22 Aug 2017 22:31

Tgt Ion:172 Resp: 658341
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.3 19.8 29.8





#49

Dimethylphthalate

Concen: 6.62 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

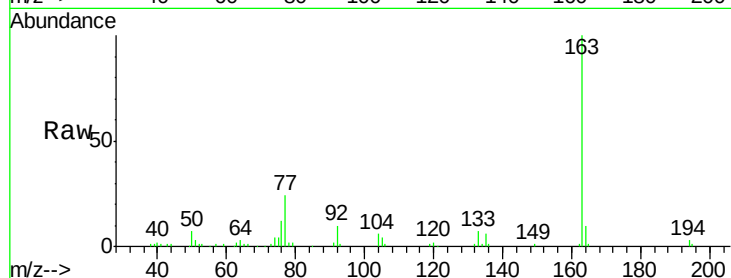
Tot Ion:163 Resp: 104959

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

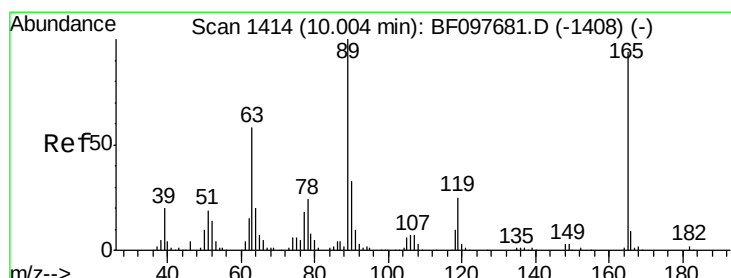
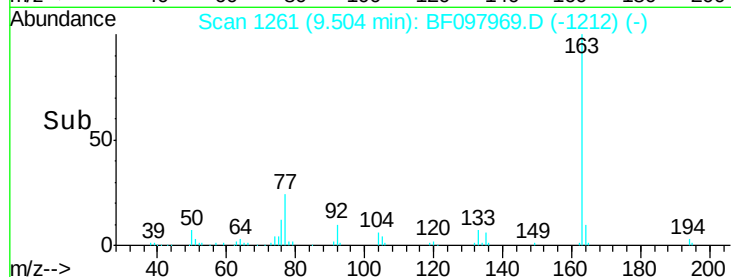
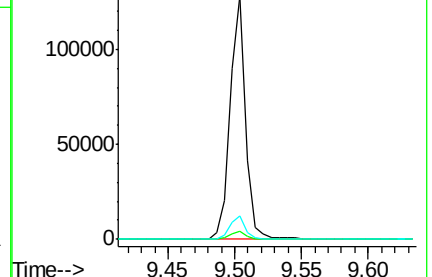
164 9.6 8.4 12.6



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: 7.03 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.19 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Tgt Ion:165 Resp: 27929

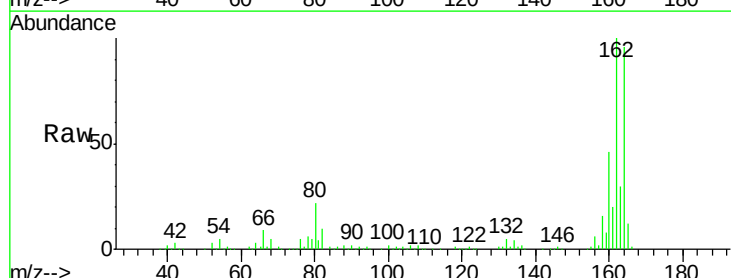
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 2.2 46.4 69.6#

182 0.0 1.8 2.6#

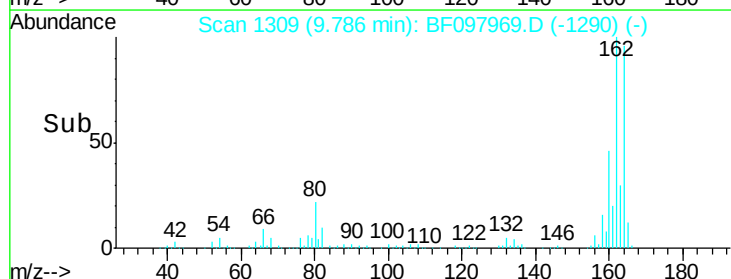
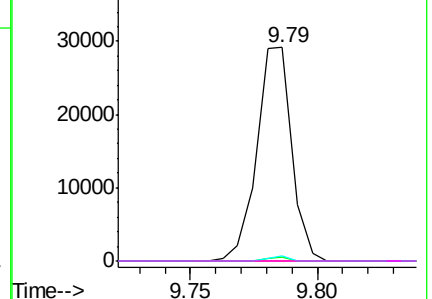


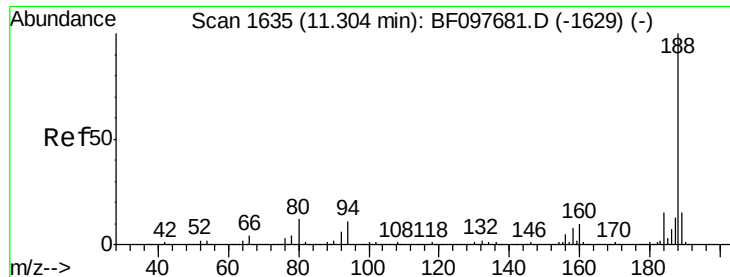
Abundance Ion 165.00 (164.70 to 165.70): E

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

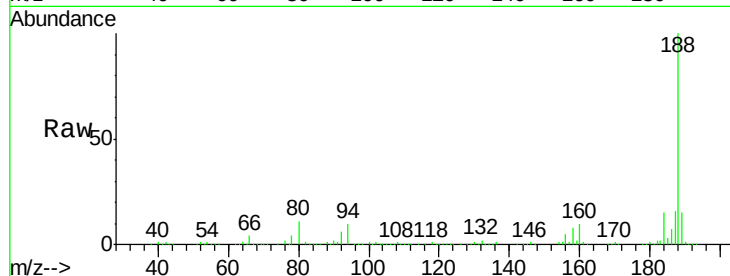




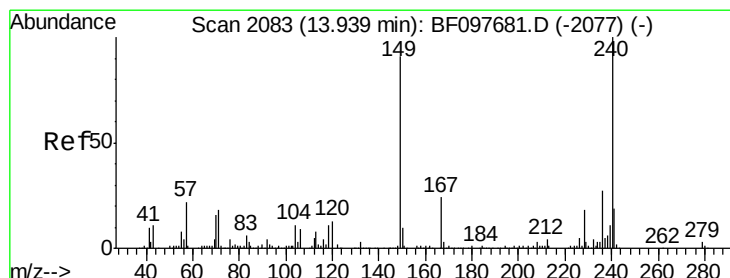
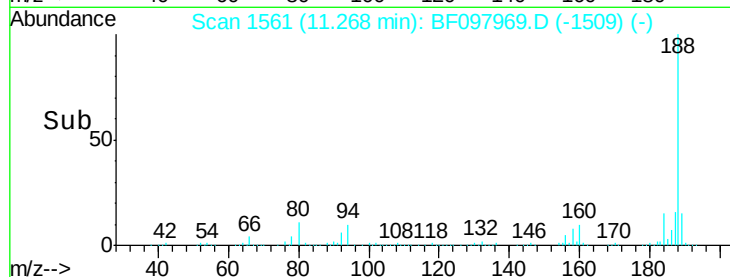
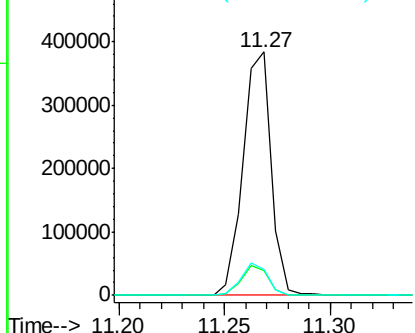
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion:188 Resp: 354147
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.6 10.2 15.2

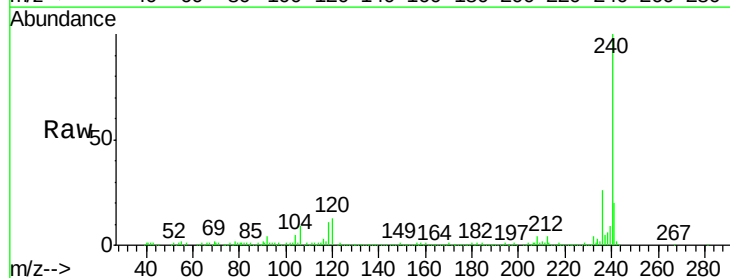


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

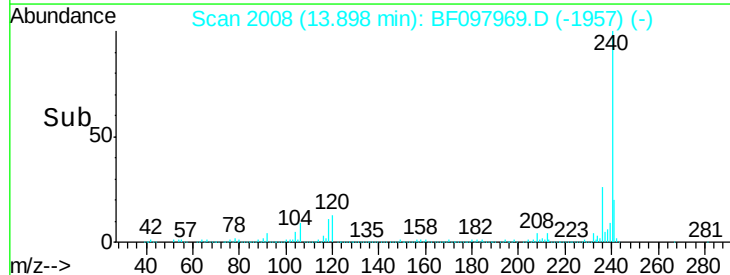
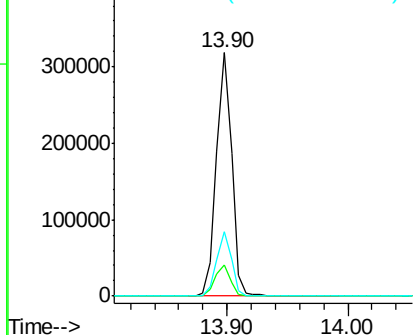


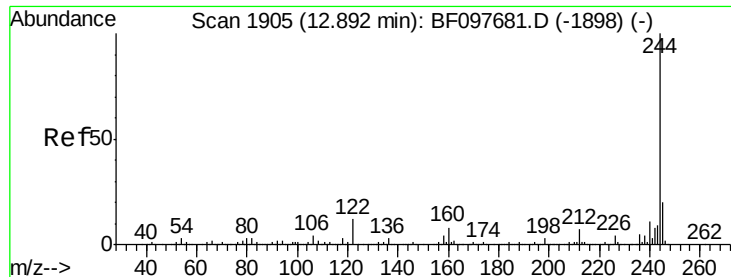
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

Tgt Ion:240 Resp: 277358
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 26.3 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: 32.08 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

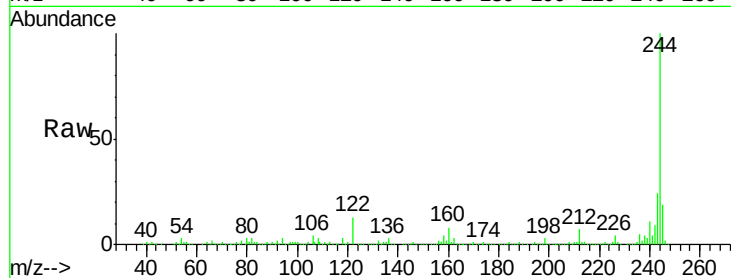
Tot Ion:244 Resp: 426622

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

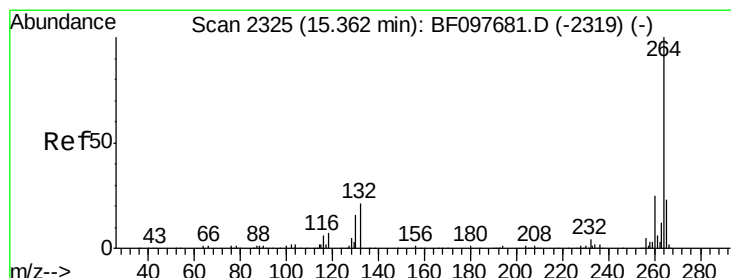
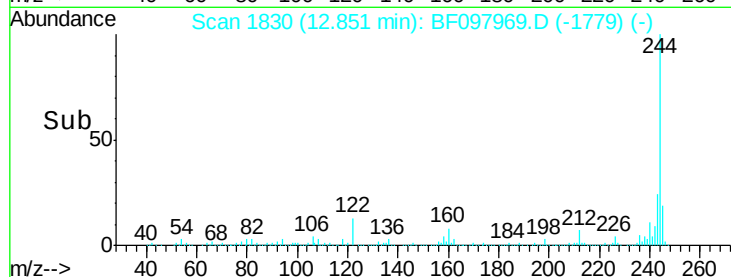
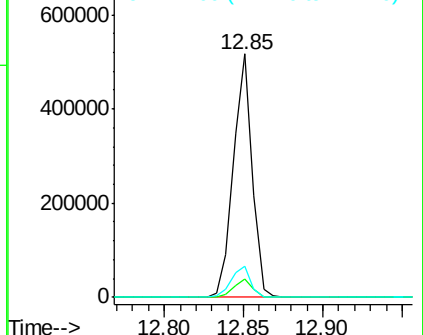
122 13.0 10.3 15.5



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: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

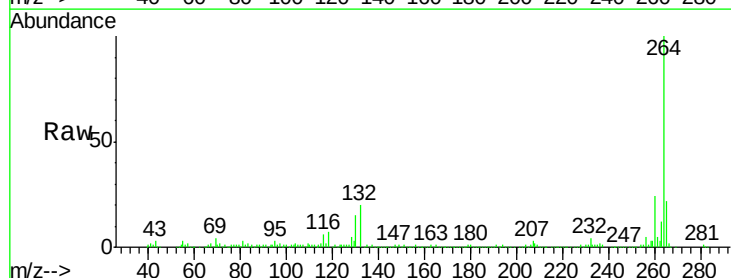
Tgt Ion:264 Resp: 252156

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.0 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

