

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096751.D
 Acq On : 14 Jul 2017 2:18
 Operator : SJ/JU
 Sample : I4164-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11975-COMP

Quant Time: Jul 14 05:21:59 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

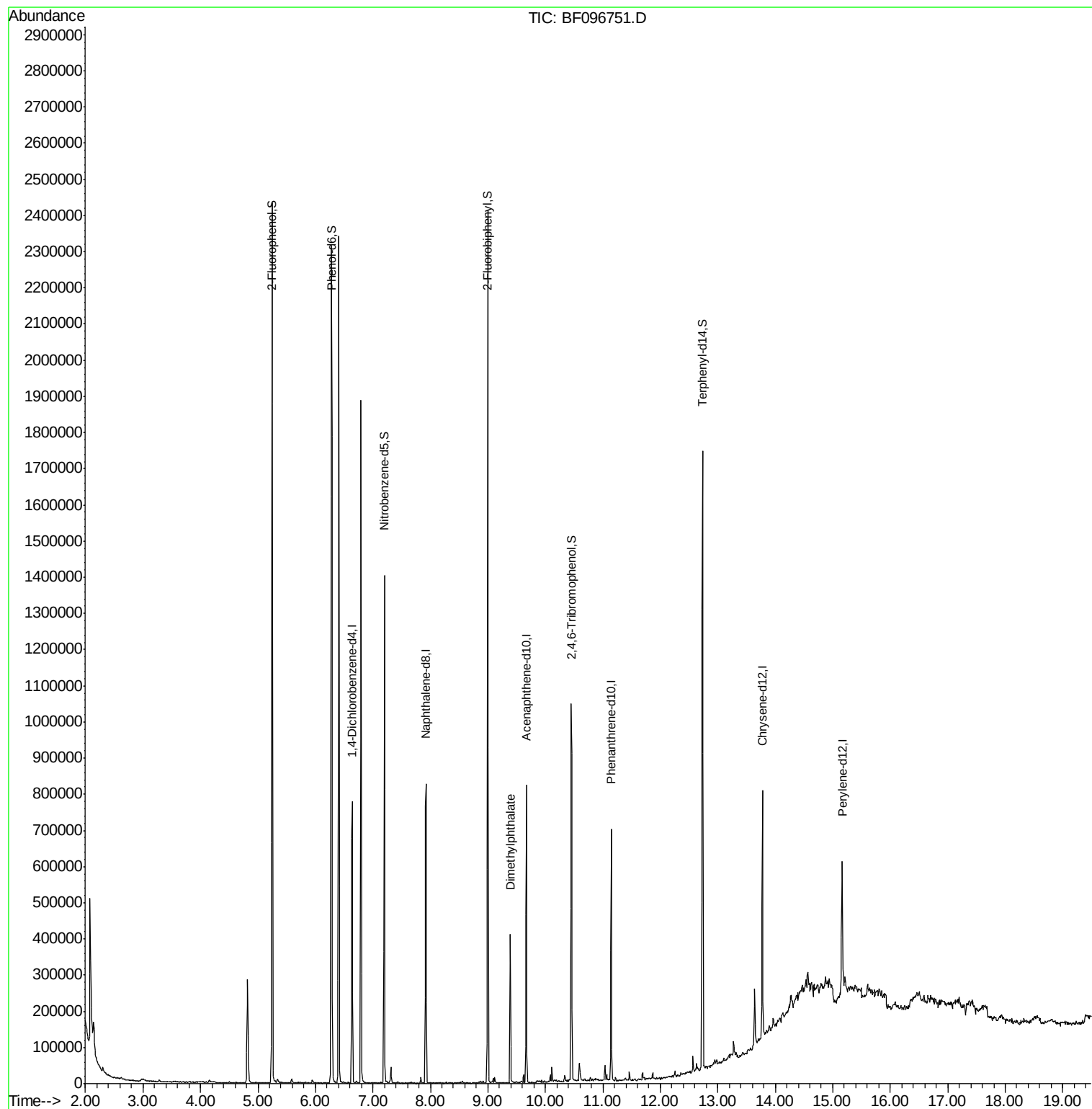
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	112633	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	381069	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	146839	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	236400	20.00	ng	0.00
75) Chrysene-d12	13.77	240	217284	20.00	ng	0.00
86) Perylene-d12	15.16	264	148031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	698320	93.22	ng	0.01
7) Phenol-d6	6.28	99	819123	91.12	ng	0.00
23) Nitrobenzene-d5	7.20	82	411736	66.93	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	111190	88.71	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	706665	76.03	ng	0.00
78) Terphenyl-d14	12.73	244	514152	41.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	152438	13.787	ng	Qvalue 100

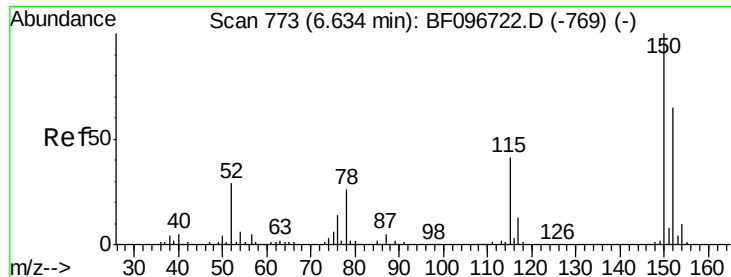
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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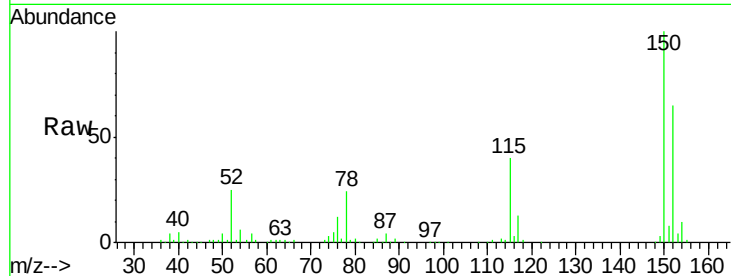


#1

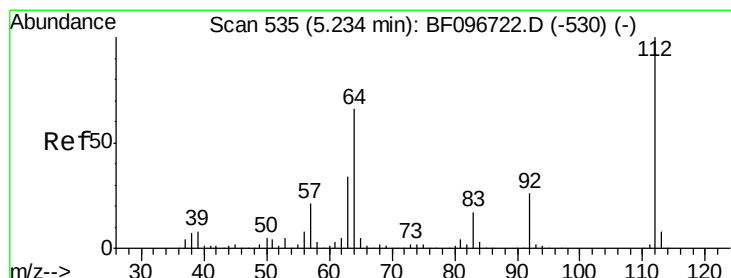
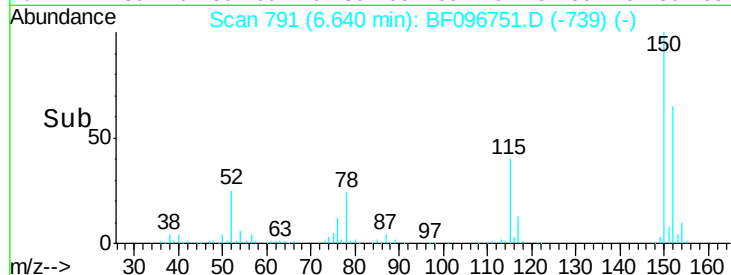
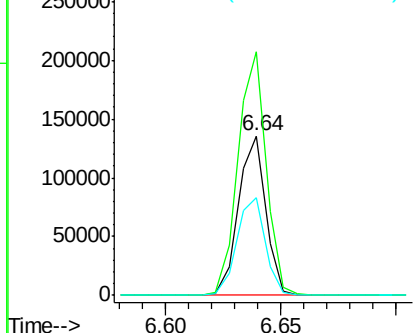
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096751.D
Acq: 14 Jul 2017 2:18

Instrument :
BNA_F
ClientSampleId :
72-11975-COMP

Tgt Ion:152 Resp: 112633
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 61.2 52.2 78.2



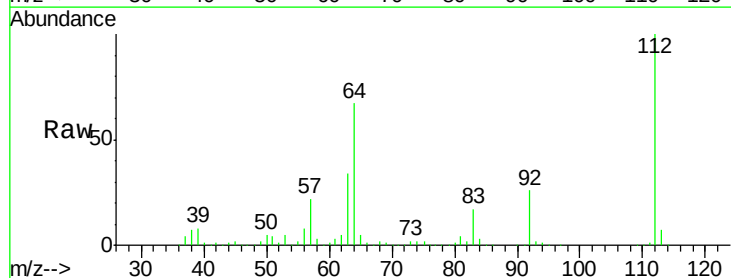
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



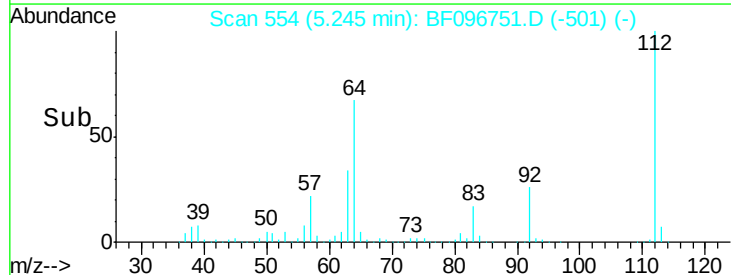
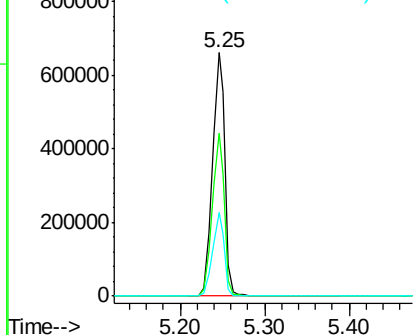
#5

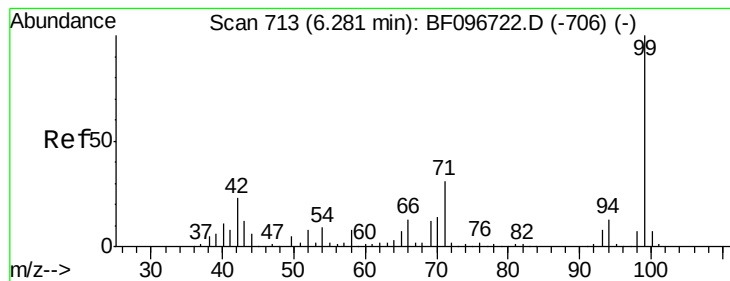
2-Fluorophenol
Concen: 93.222 ng
RT: 5.25 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF096751.D
Acq: 14 Jul 2017 2:18

Tgt Ion:112 Resp: 698320
Ion Ratio Lower Upper
112 100
64 66.8 46.0 69.0
63 34.4 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: 91.121 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096751.D

Acq: 14 Jul 2017 2:18

Instrument :

BNA_F

ClientSampleId :

72-11975-COMP

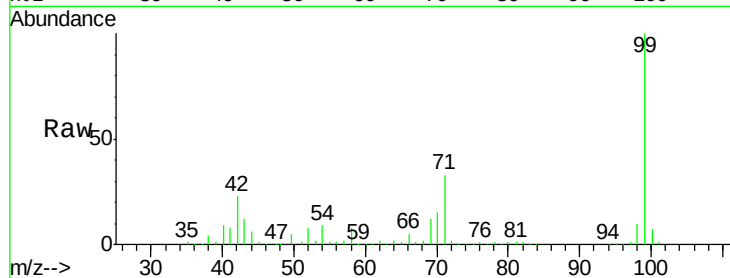
Tgt Ion: 99 Resp: 819123

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

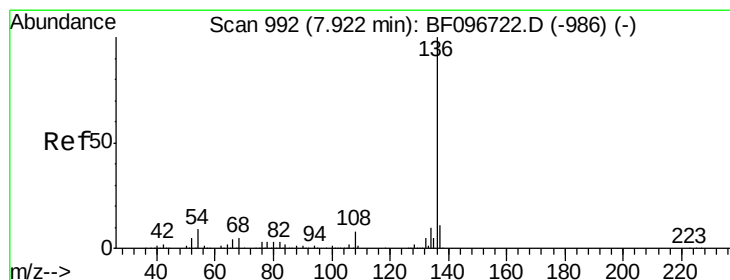
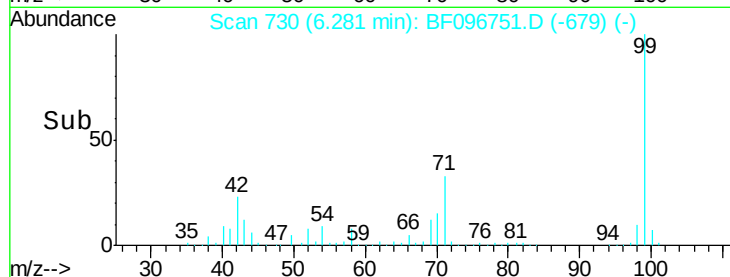
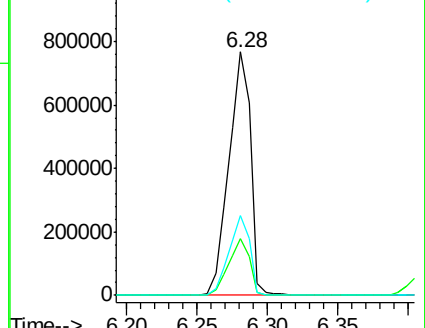
71 32.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF096751.D

Acq: 14 Jul 2017 2:18

Tgt Ion: 136 Resp: 381069

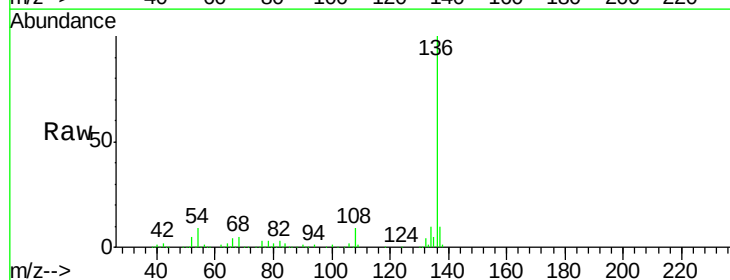
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 9.0 4.9 7.3#

68 4.5 4.1 6.1

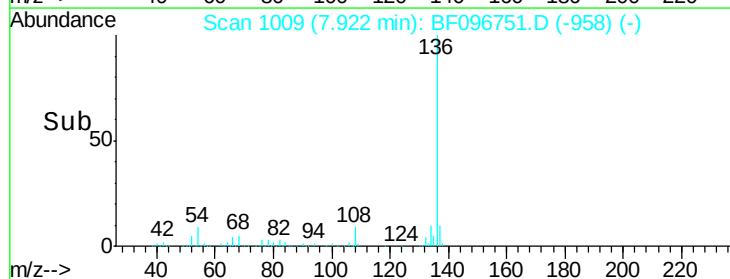
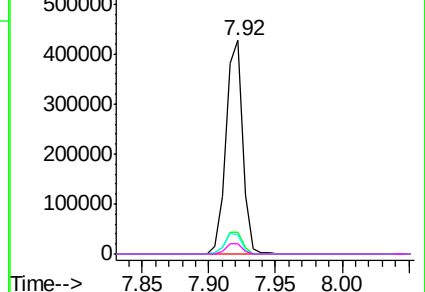


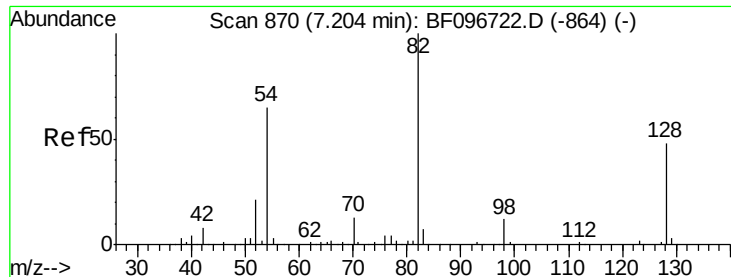
Abundance Ion 136.00 (135.70 to 136.70): E

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

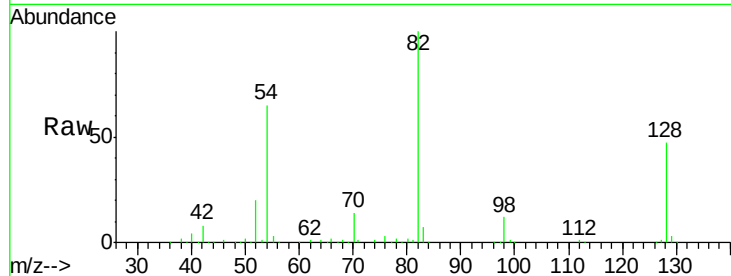




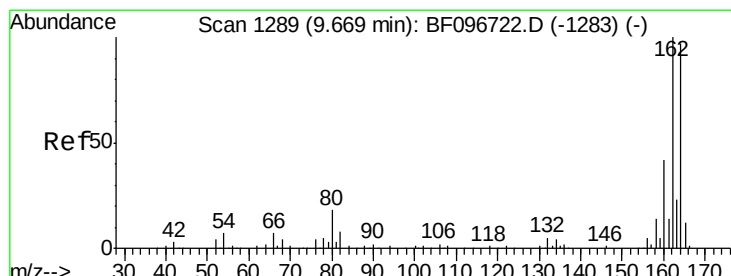
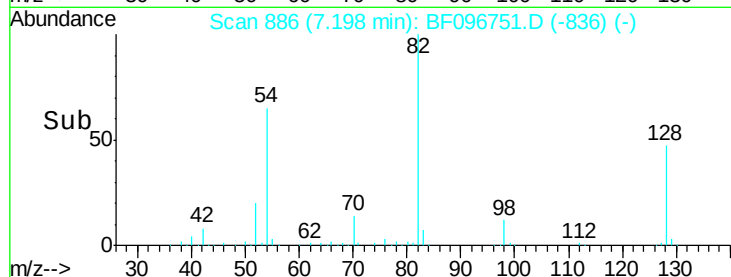
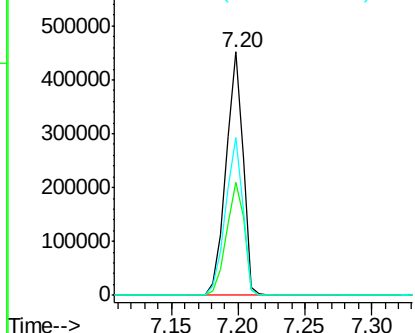
#23
 Nitrobenzene-d5
 Concen: 66.926 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096751.D
 Acq: 14 Jul 2017 2:18

Instrument :
 BNA_F
 ClientSampleId :
 72-11975-COMP

Tgt Ion: 82 Resp: 411736
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 64.8 42.2 63.2#

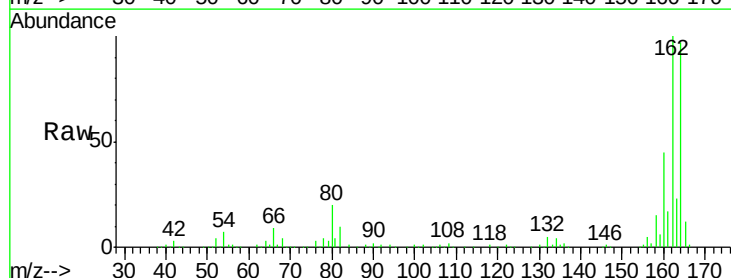


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

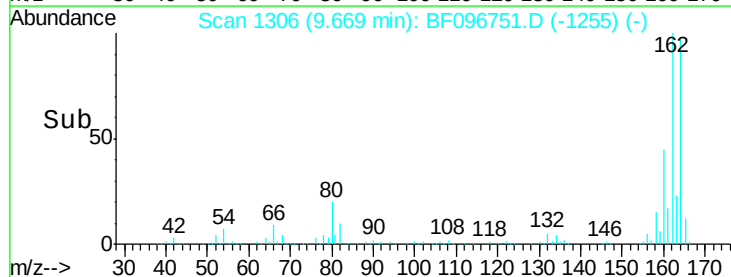
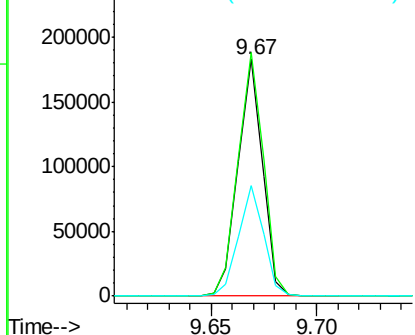


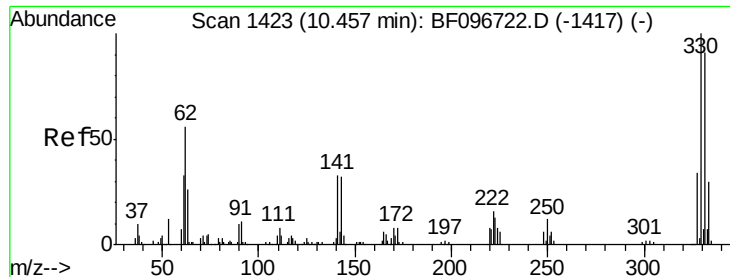
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096751.D
 Acq: 14 Jul 2017 2:18

Tgt Ion: 164 Resp: 146839
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 46.6 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

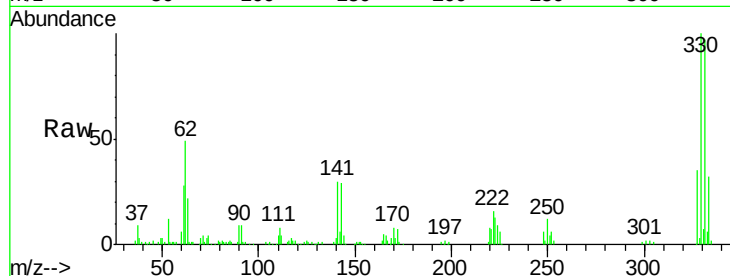




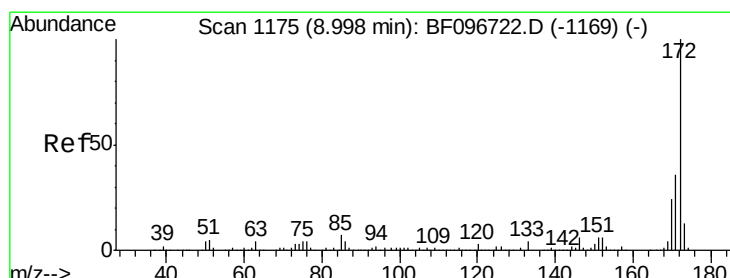
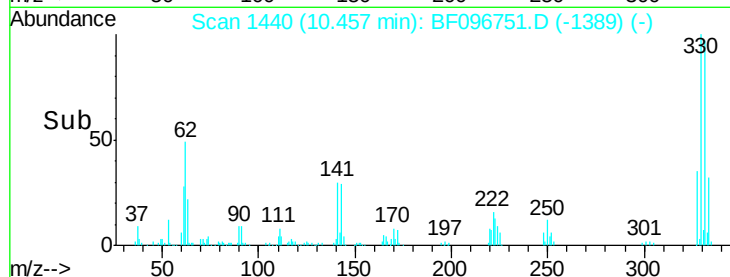
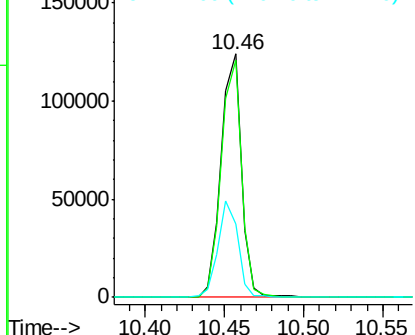
#41
 2,4,6-Tribromophenol
 Concen: 88.711 ng
 RT: 10.46 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096751.D
 Acq: 14 Jul 2017 2:18

Instrument :
 BNA_F
 ClientSampleId :
 72-11975-COMP

Tgt Ion: 330 Resp: 111190
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.9 31.4 47.2

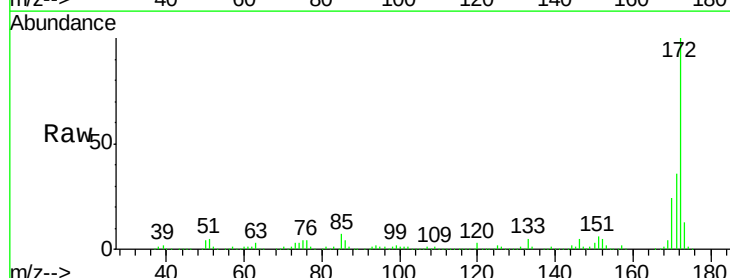


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

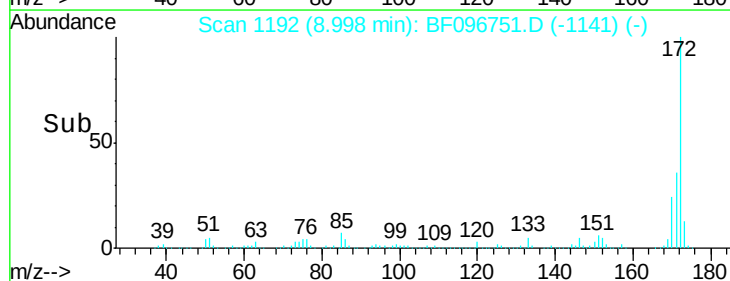
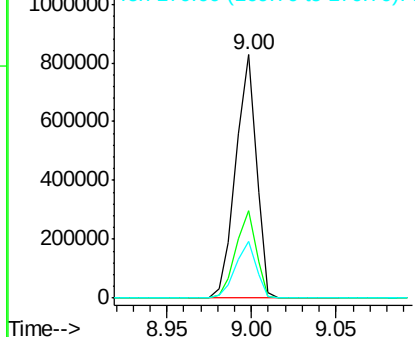


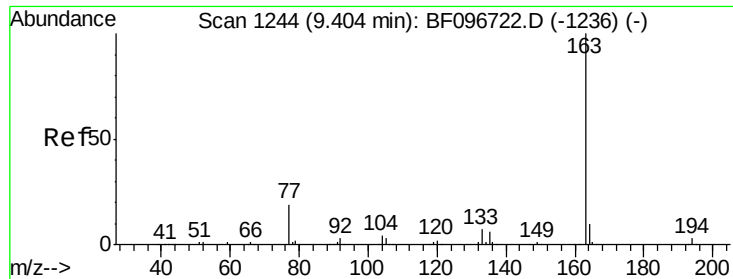
#44
 2-Fluorobiphenyl
 Concen: 76.034 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096751.D
 Acq: 14 Jul 2017 2:18

Tgt Ion: 172 Resp: 706665
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 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

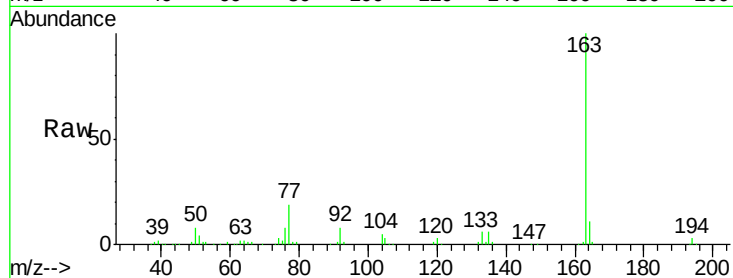




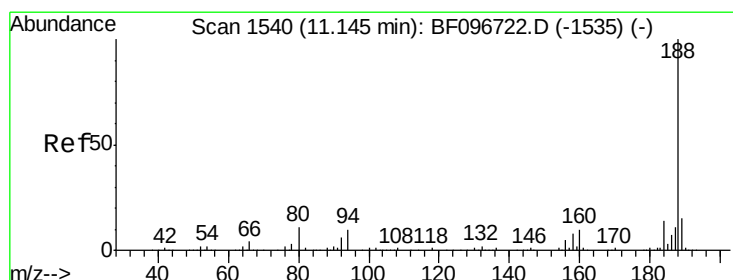
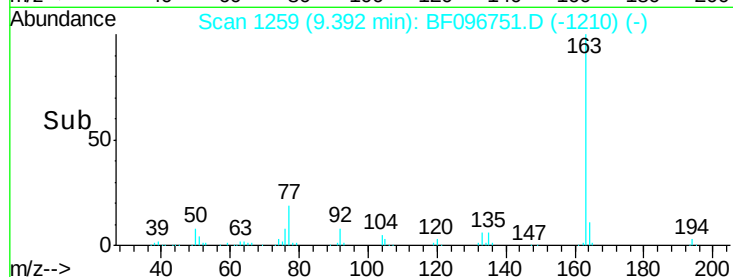
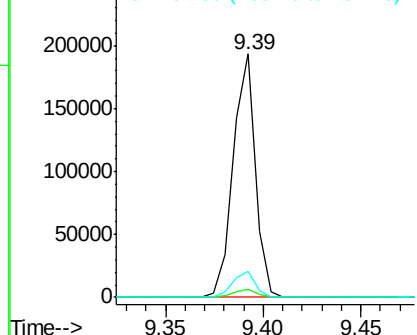
#49
Dimethylphthalate
Concen: 13.787 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096751.D
Acq: 14 Jul 2017 2:18

Instrument :
BNA_F
ClientSampleId :
72-11975-COMP

Tgt Ion:163 Resp: 152438
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.4 12.6

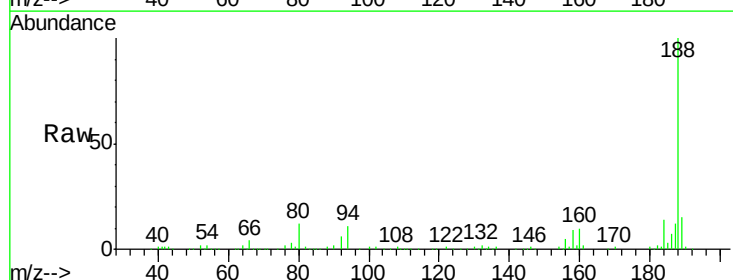


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

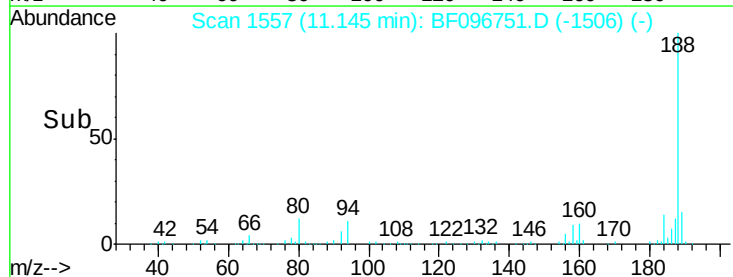
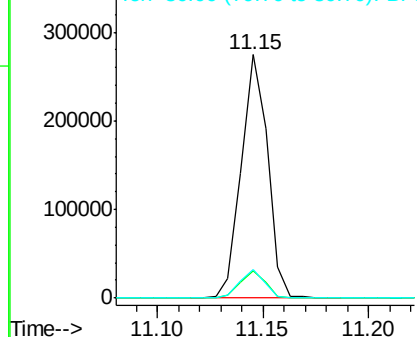


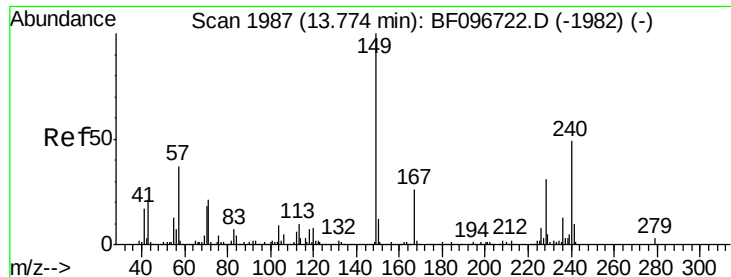
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF096751.D
Acq: 14 Jul 2017 2:18

Tgt Ion:188 Resp: 236400
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.9 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: 20.000 ng

RT: 13.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096751.D

Acq: 14 Jul 2017 2:18

Instrument :

BNA_F

ClientSampleId :

72-11975-COMP

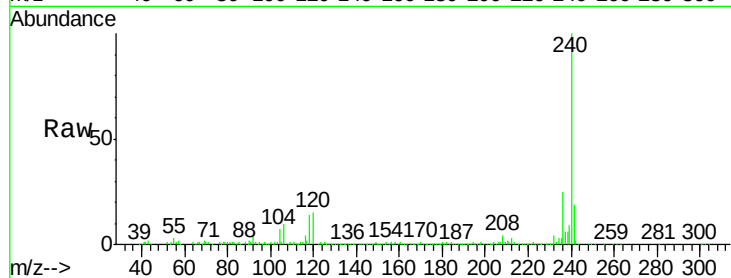
Tgt Ion:240 Resp: 217284

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

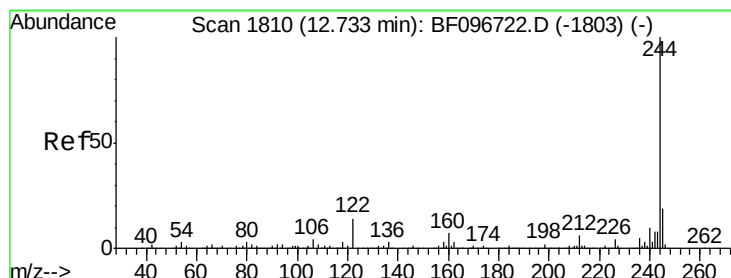
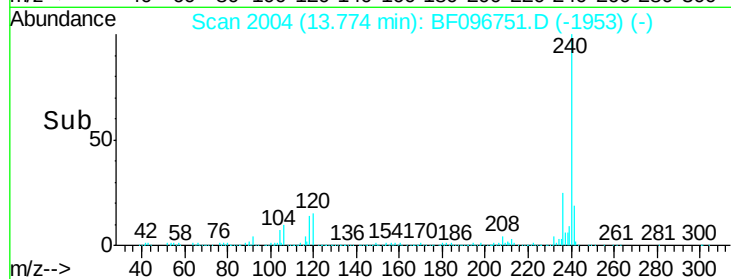
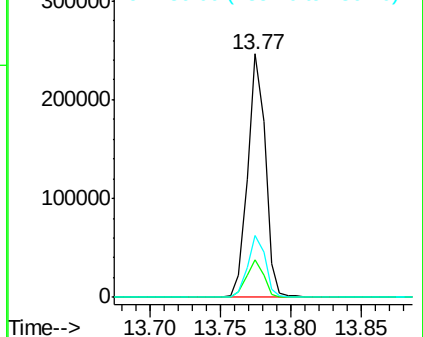
236 25.2 20.5 30.7



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: 41.037 ng

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF096751.D

Acq: 14 Jul 2017 2:18

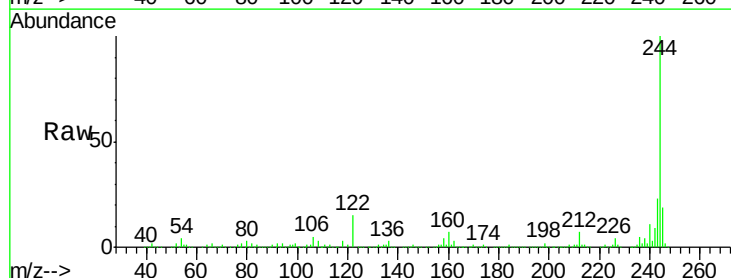
Tgt Ion:244 Resp: 514152

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

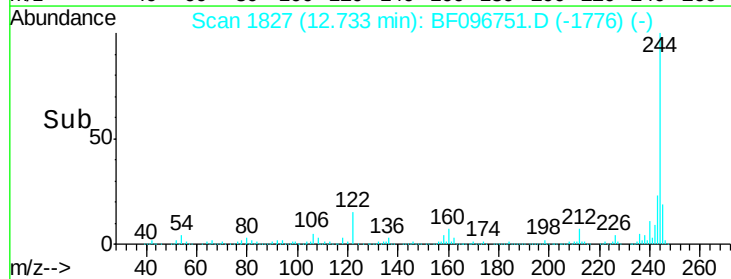
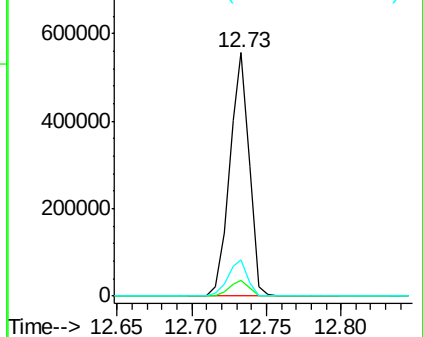
122 14.7 10.3 15.5

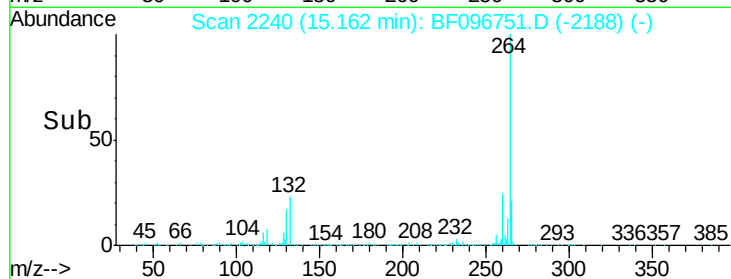
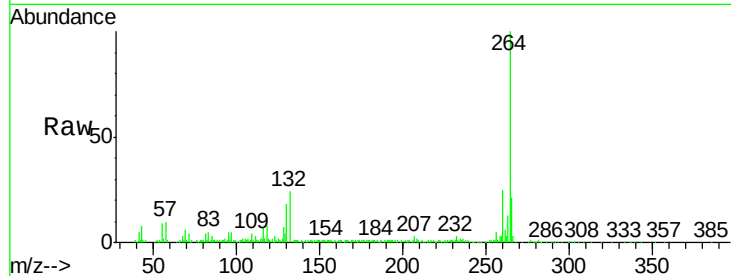
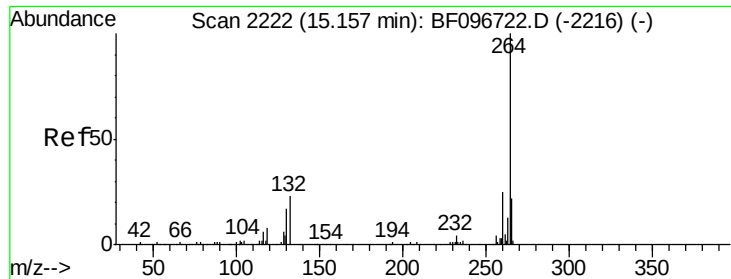


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096751.D
Acq: 14 Jul 2017 2:18

Instrument :
BNA_F
ClientSampleId :
72-11975-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	17.2	25.8

