

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096567.D
 Acq On : 7 Jul 2017 19:00
 Operator : SJ/MA
 Sample : I4069-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(10.5-11.0)

Quant Time: Jul 07 23:45:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

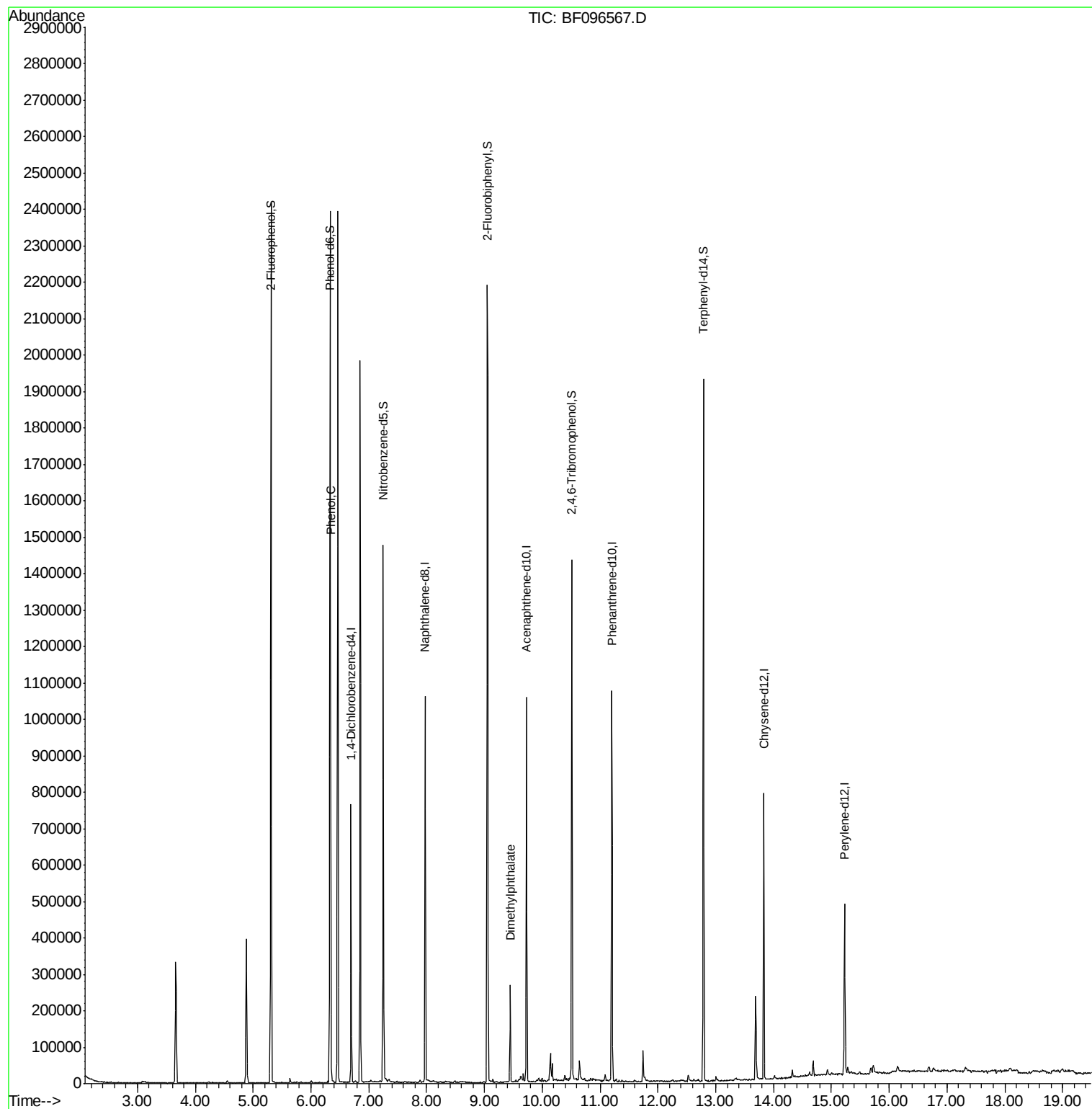
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	109425	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	462962	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	199447	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	345491	20.00	ng	0.00
75) Chrysene-d12	13.83	240	251582	20.00	ng	-0.01
86) Perylene-d12	15.23	264	191164	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	672486	90.71	ng	0.00
7) Phenol-d6	6.33	99	822350	90.23	ng	-0.01
23) Nitrobenzene-d5	7.25	82	479465	62.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	158088	101.47	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	734818	62.99	ng	-0.01
78) Terphenyl-d14	12.79	244	593552	50.41	ng	0.00
Target Compounds						
10) Phenol	6.35	94	25755	2.480	ng	90
49) Dimethylphthalate	9.45	163	97685	6.561	ng	99

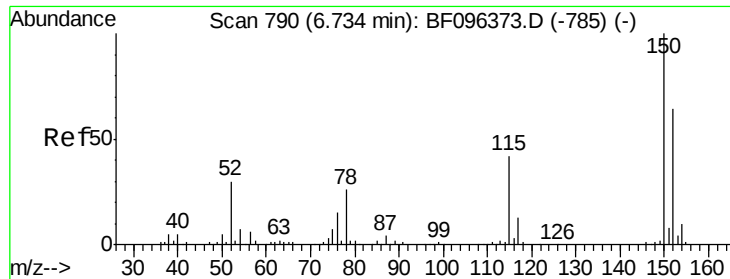
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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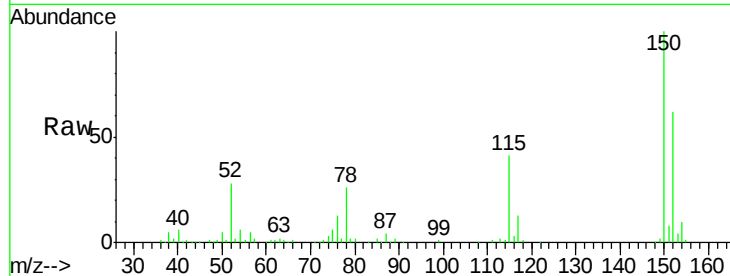


#1

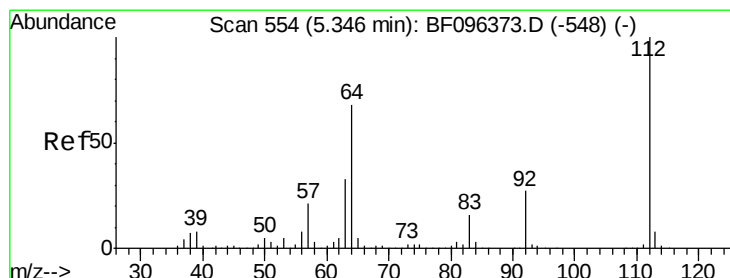
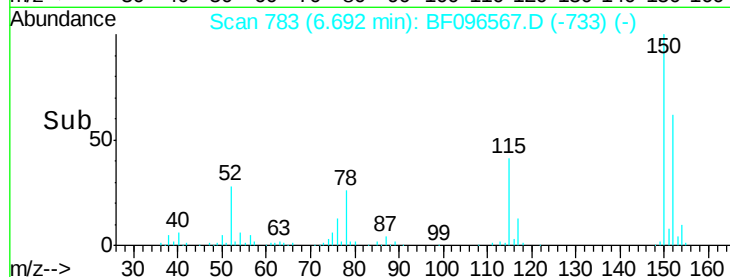
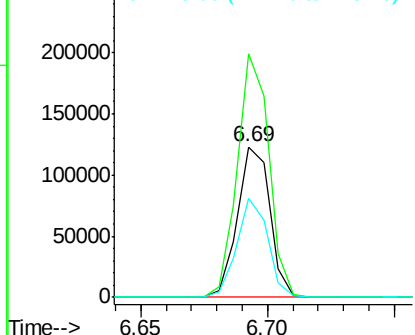
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :
SB-1(10.5-11.0)

Tgt Ion:152 Resp: 109425
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 66.0 52.2 78.2



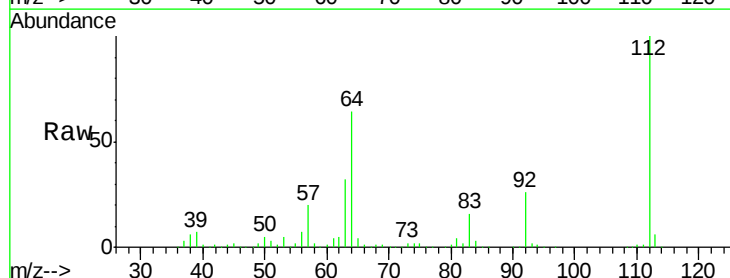
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



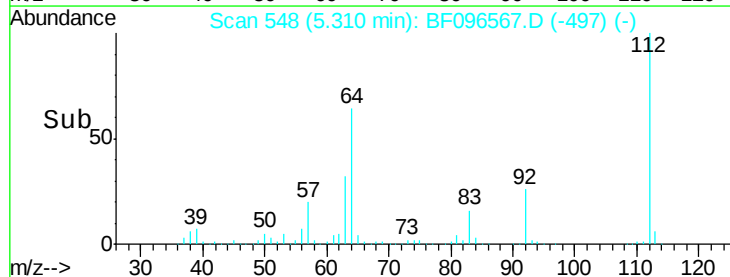
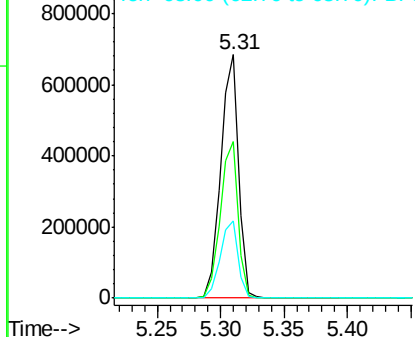
#5

2-Fluorophenol
Concen: 90.708 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Tgt Ion:112 Resp: 672486
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 31.5 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: 90.227 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

Instrument :

BNA_F

ClientSampleId :

SB-1(10.5-11.0)

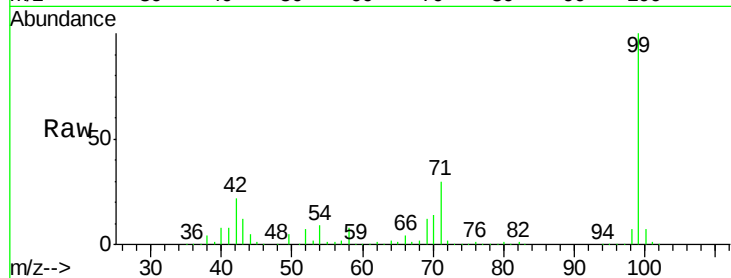
Tgt Ion: 99 Resp: 822350

Ion Ratio Lower Upper

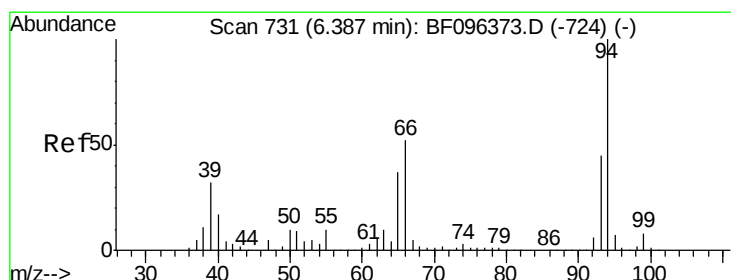
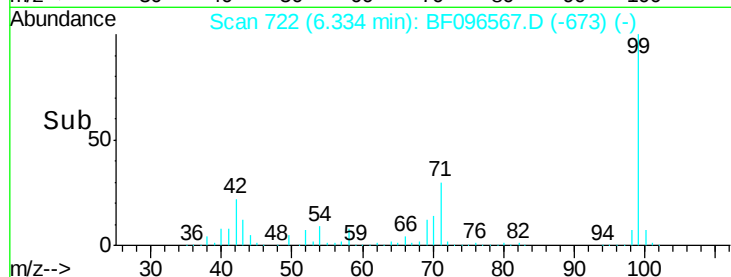
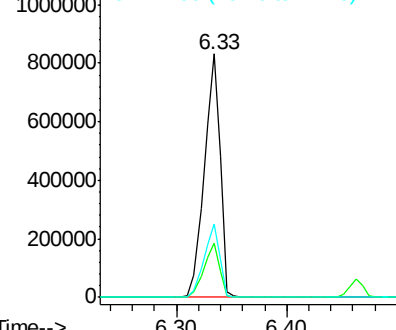
99 100

42 22.2 13.5 20.3#

71 30.4 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



#10

Phenol

Concen: 2.480 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

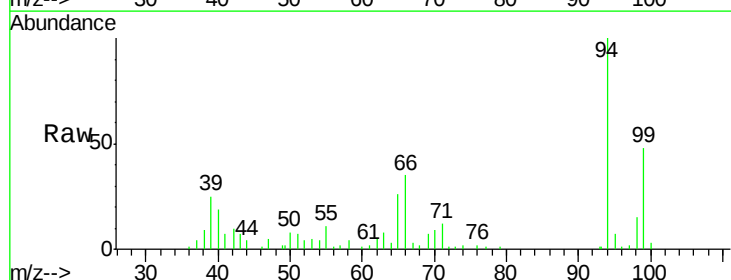
Tgt Ion: 94 Resp: 25755

Ion Ratio Lower Upper

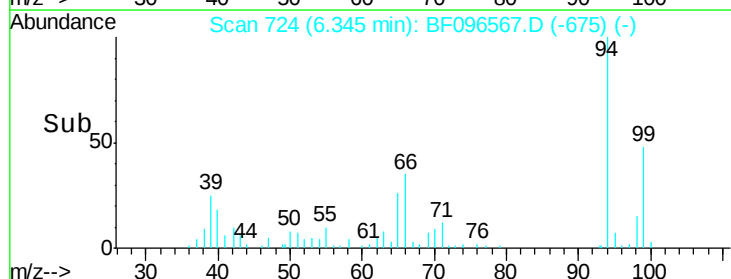
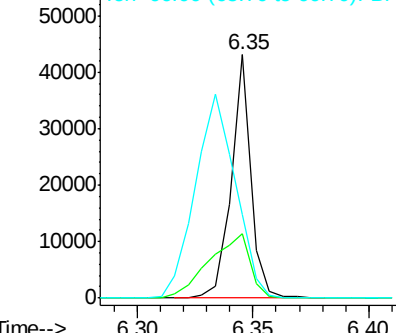
94 100

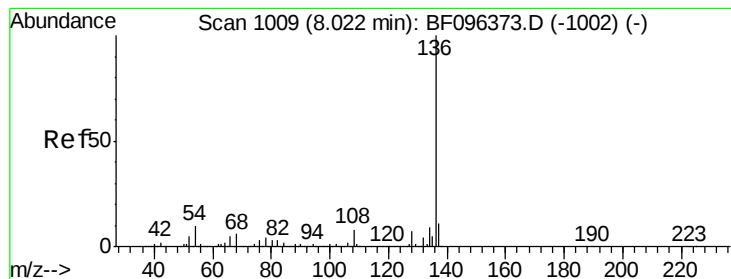
65 26.5 9.9 49.9

66 34.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

Instrument :

BNA_F

ClientSampleId :

SB-1(10.5-11.0)

Tgt Ion:136 Resp: 462962

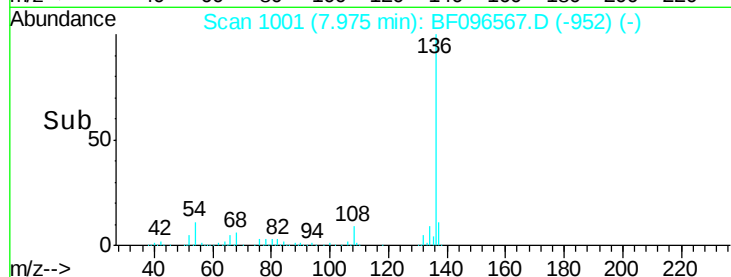
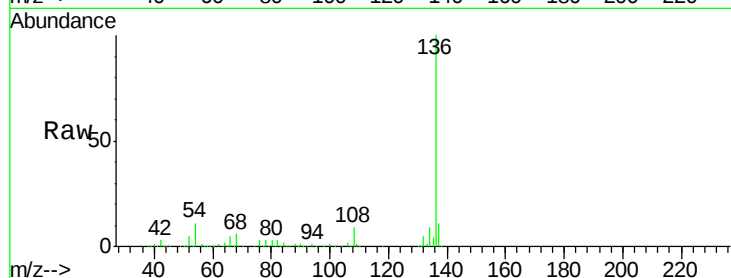
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.7 4.9 7.3#

68 5.9 4.1 6.1

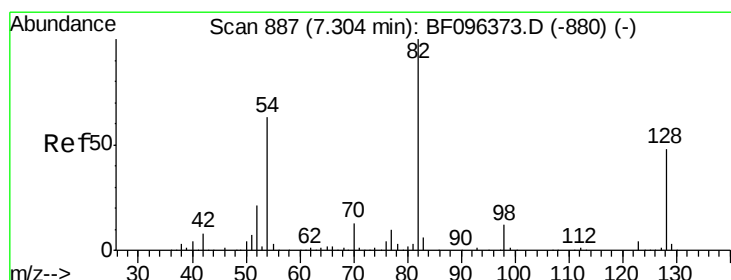
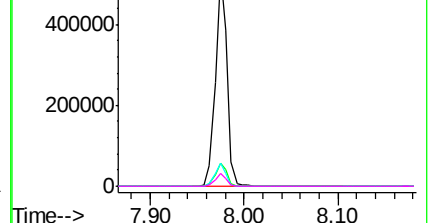


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.233 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

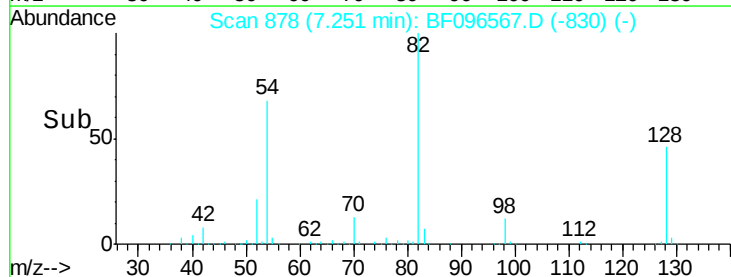
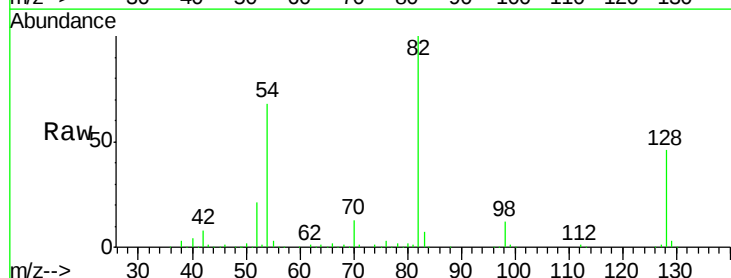
Tgt Ion: 82 Resp: 479465

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

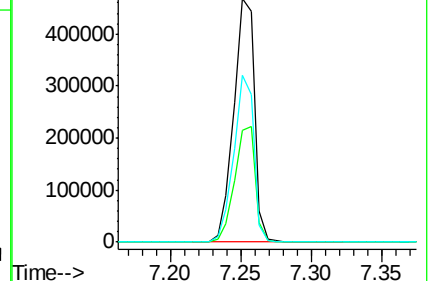
54 68.4 42.2 63.2#

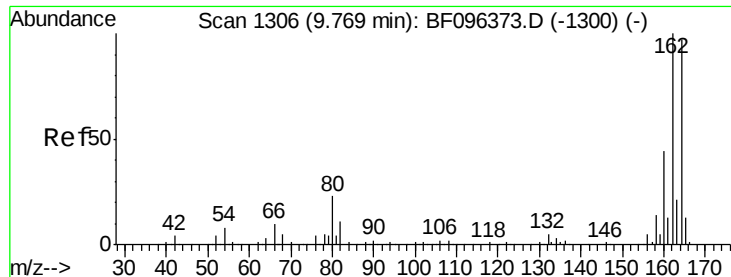


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

Instrument :

BNA_F

ClientSampleId :

SB-1(10.5-11.0)

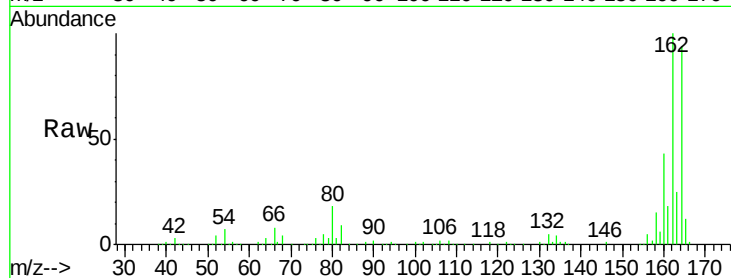
Tgt Ion:164 Resp: 199447

Ion Ratio Lower Upper

164 100

162 106.3 82.6 123.8

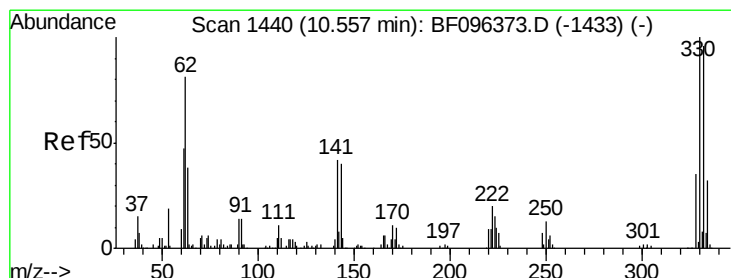
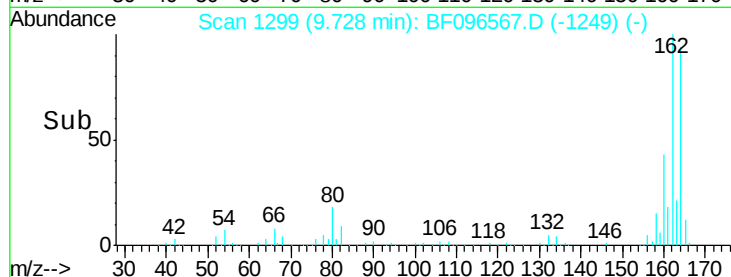
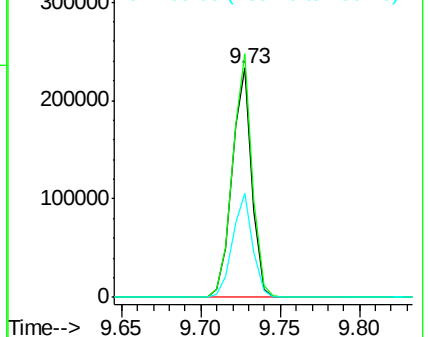
160 45.4 36.2 54.2



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: 101.473 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

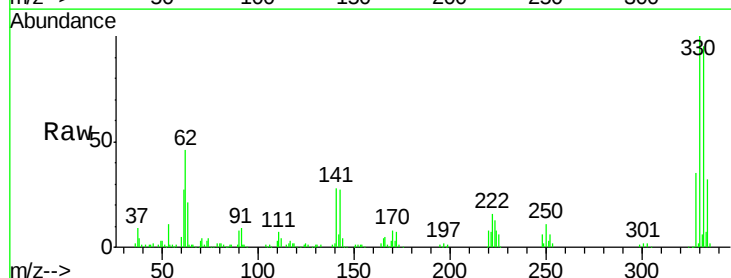
Tgt Ion:330 Resp: 158088

Ion Ratio Lower Upper

330 100

332 93.7 76.6 115.0

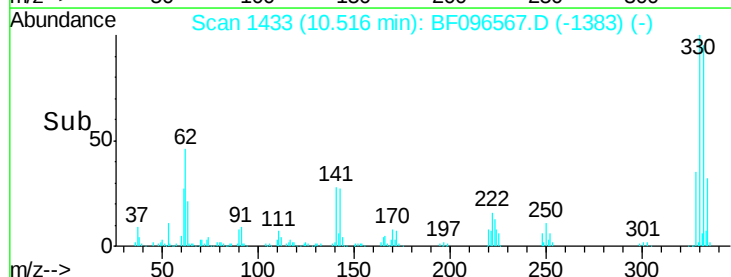
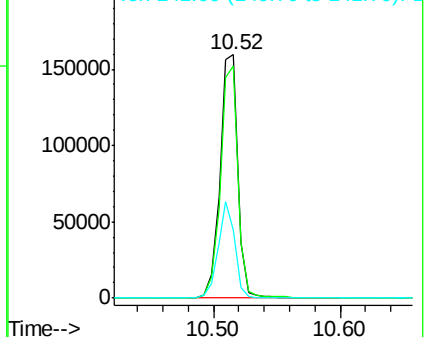
141 36.9 31.4 47.2

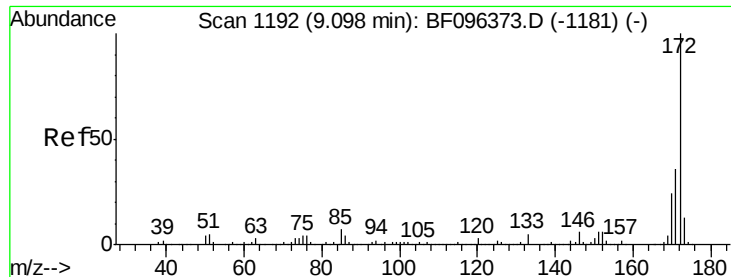


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

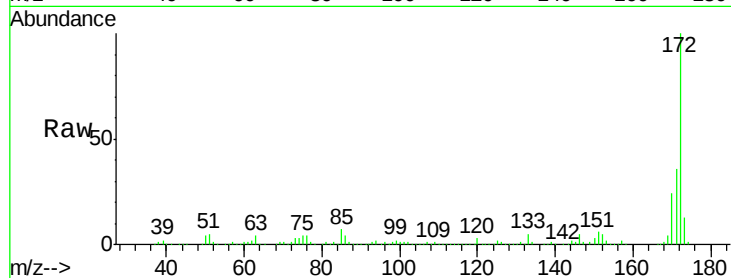




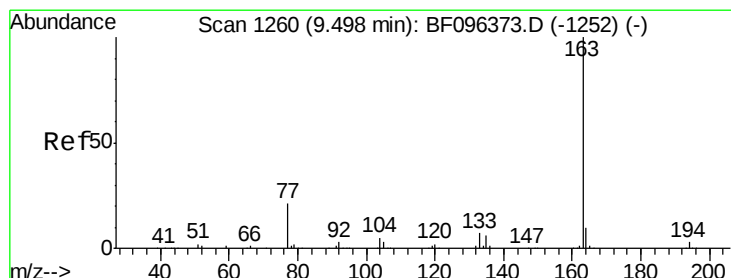
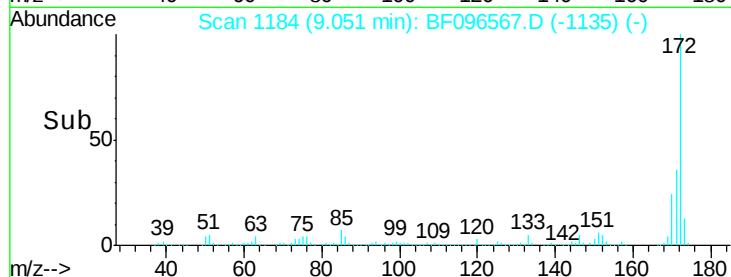
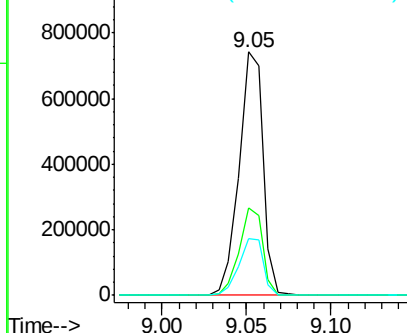
#44
 2-Fluorobiphenyl
 Concen: 62.993 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096567.D
 Acq: 7 Jul 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(10.5-11.0)

Tgt Ion:172 Resp: 734818
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.5 19.8 29.8

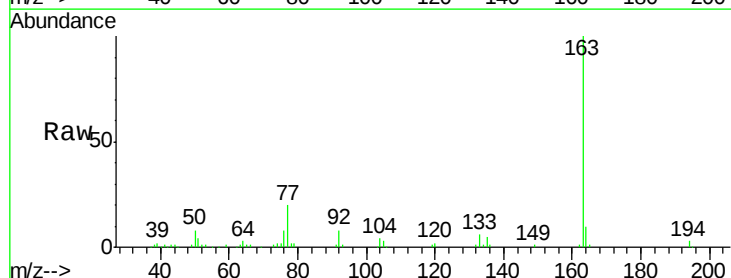


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

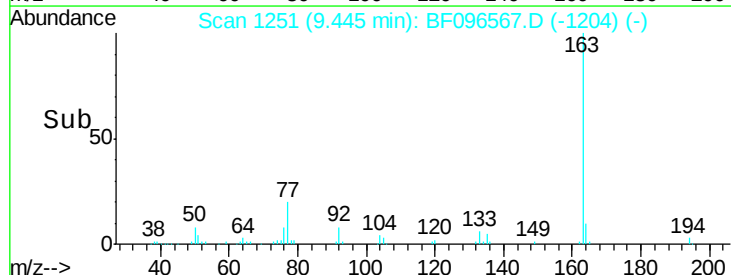
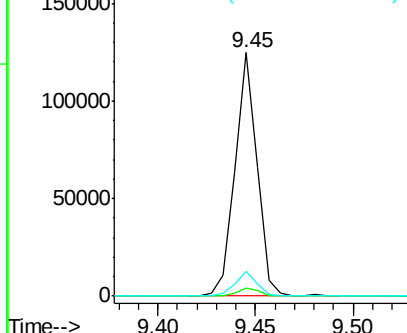


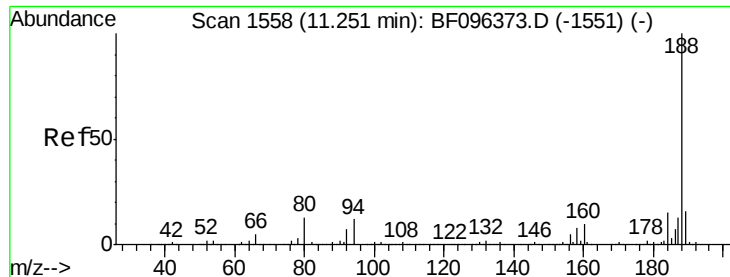
#49
 Dimethylphthalate
 Concen: 6.561 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096567.D
 Acq: 7 Jul 2017 19:00

Tgt Ion:163 Resp: 97685
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.1 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

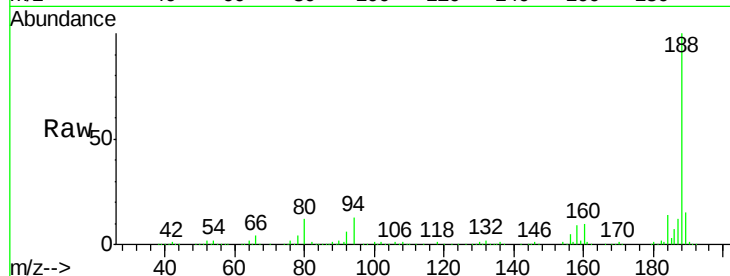




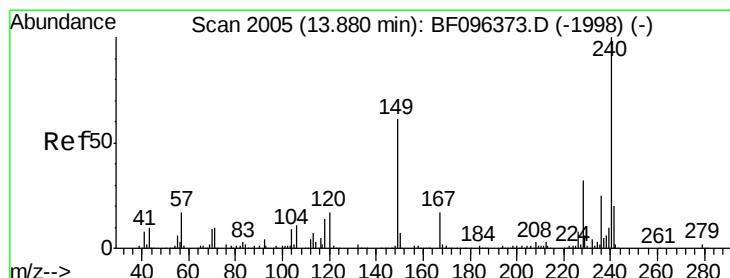
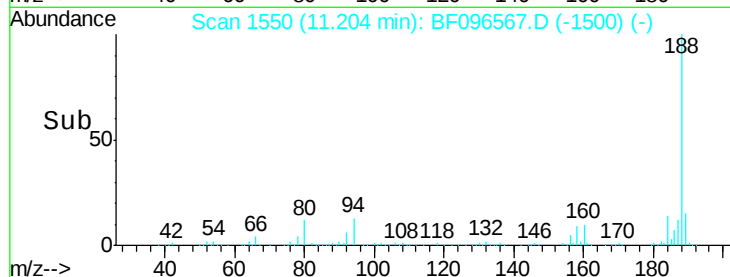
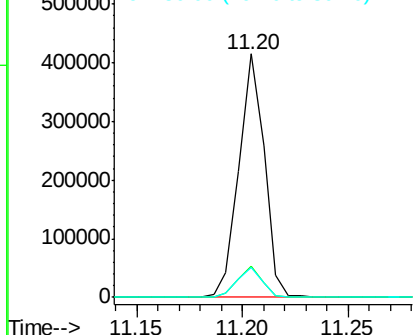
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :
SB-1(10.5-11.0)

Tgt Ion:188 Resp: 345491
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.4 10.2 15.2

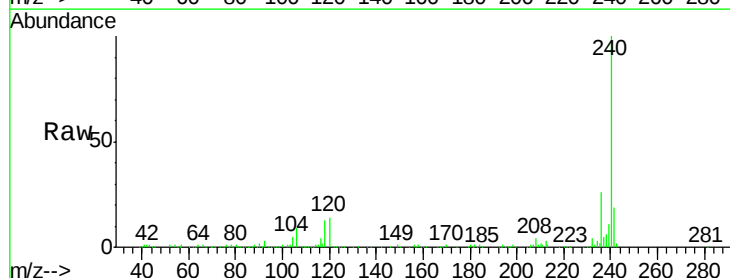


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

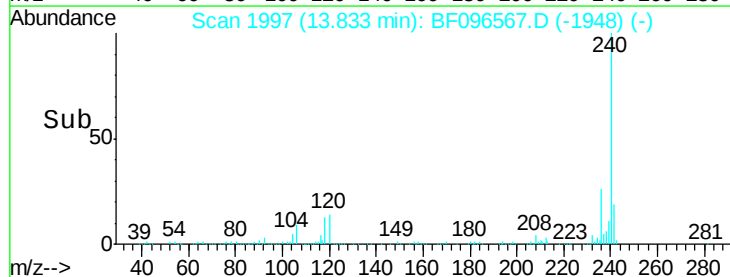
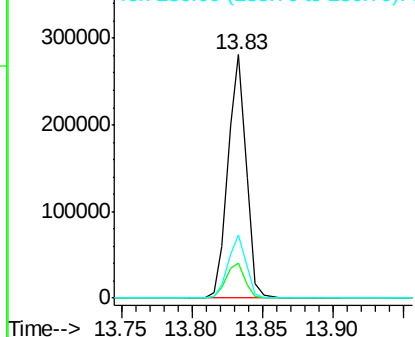


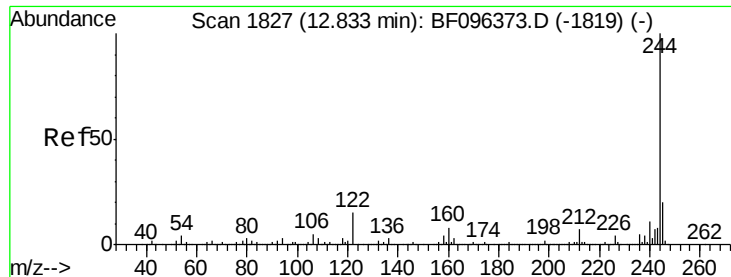
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Tgt Ion:240 Resp: 251582
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 25.9 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

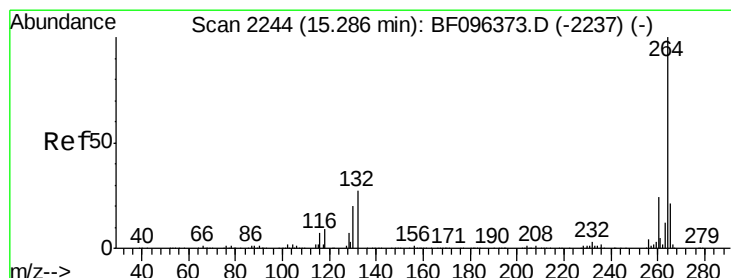
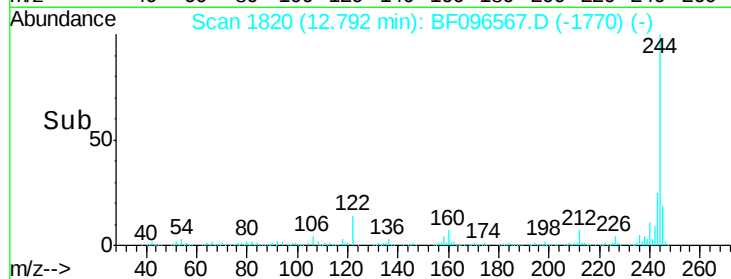
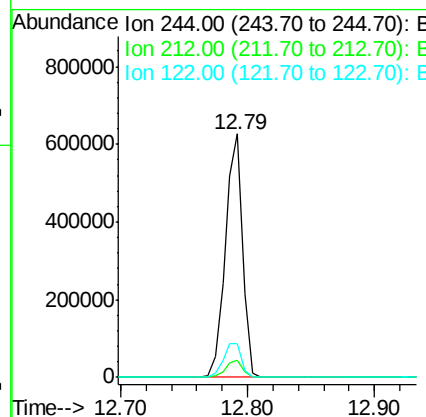
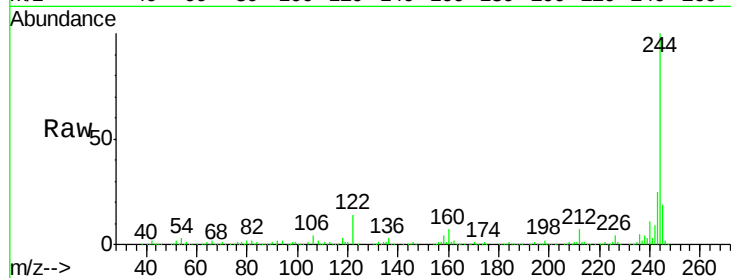




#78
 Terphenyl-d14
 Concen: 50.414 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096567.D
 Acq: 7 Jul 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(10.5-11.0)

Tgt Ion:244 Resp: 593552
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096567.D
 Acq: 7 Jul 2017 19:00

Tgt Ion:264 Resp: 191164
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.5 29.3
 265 20.8 17.2 25.8

