

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099262.D
 Acq On : 9 Oct 2017 15:10
 Operator : SJ/JU
 Sample : I5530-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-31(0-0.5)

Quant Time: Oct 09 17:28:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118237	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	484377	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	222486	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	428360	20.00	ng	0.00
75) Chrysene-d12	14.03	240	371990	20.00	ng	0.00
86) Perylene-d12	15.50	264	308990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	454034	61.13	ng	0.00
7) Phenol-d6	6.49	99	356868	38.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	641752	84.97	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	231643	127.24	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1181067	88.62	ng	0.00
78) Terphenyl-d14	12.97	244	1201590	73.46	ng	0.00

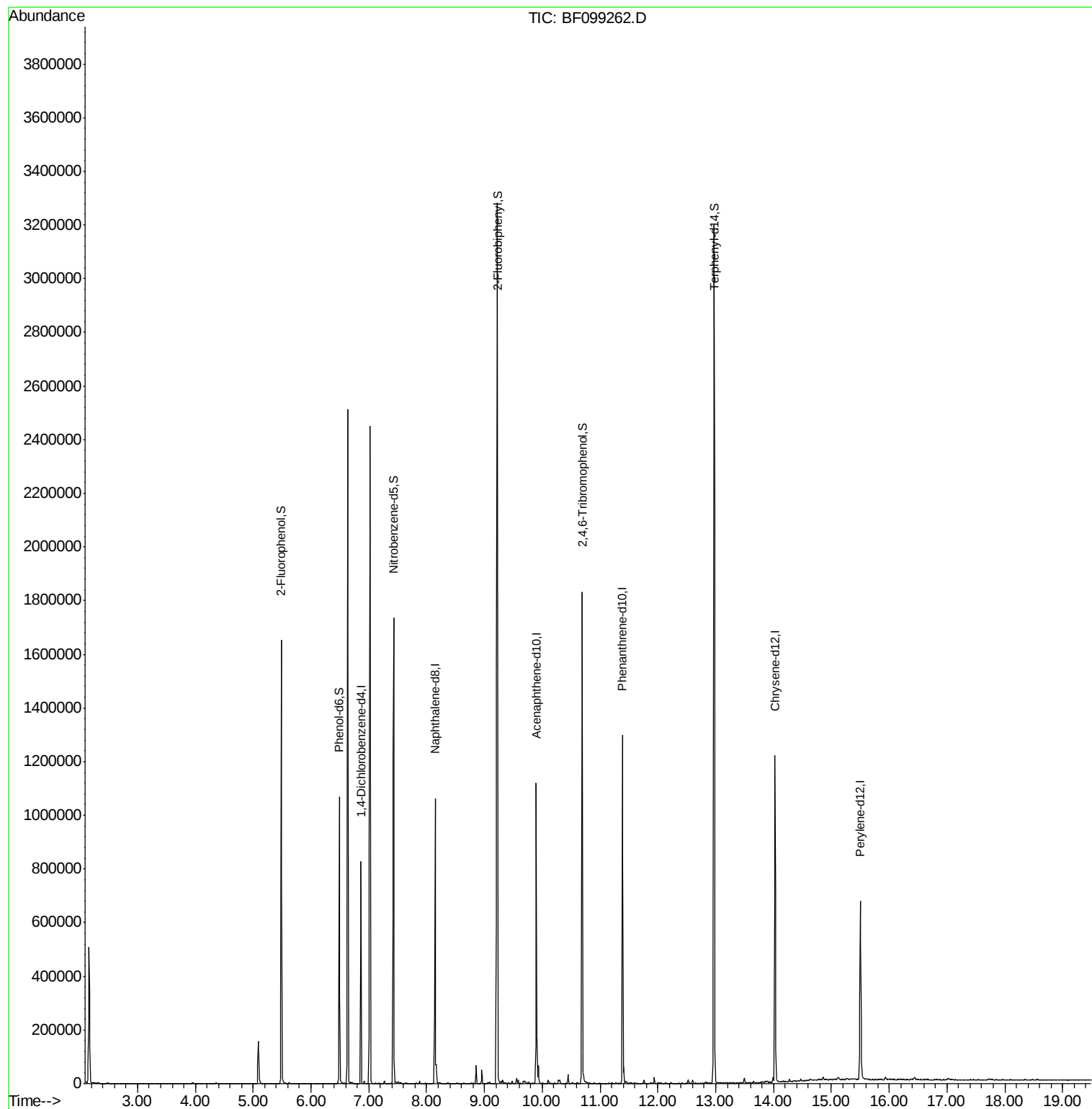
Target Compounds Qvalue

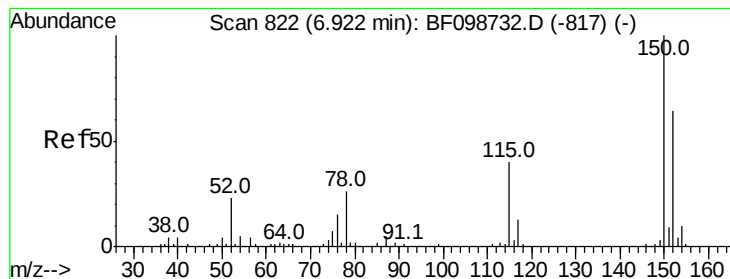
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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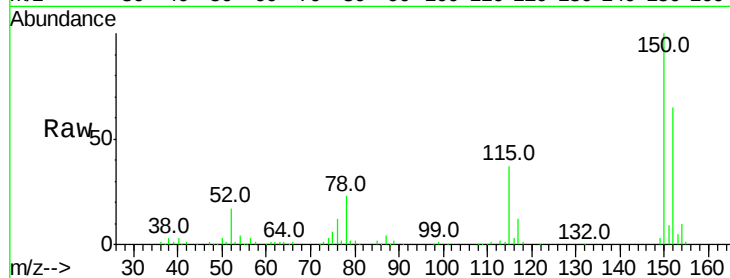


#1

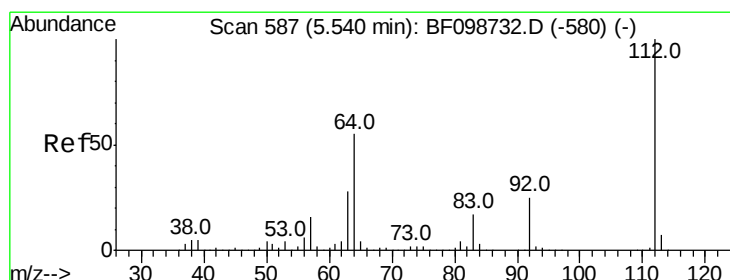
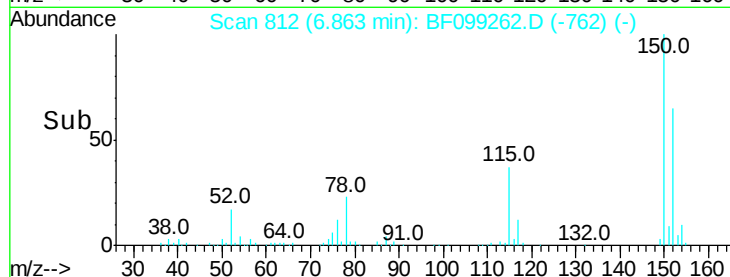
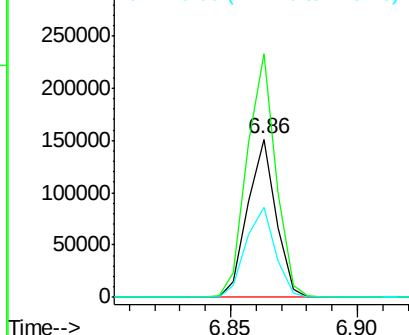
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 LB-31(0-0.5)

Tot Ion:152 Resp: 118237
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 57.1 50.1 75.1



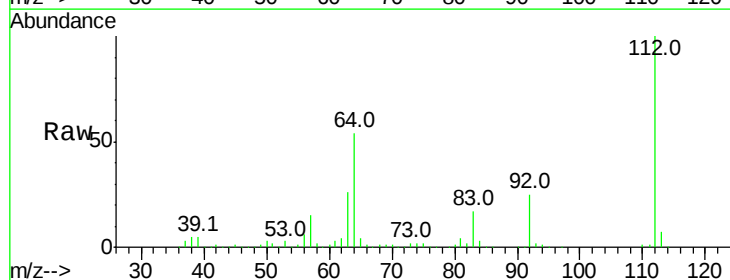
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



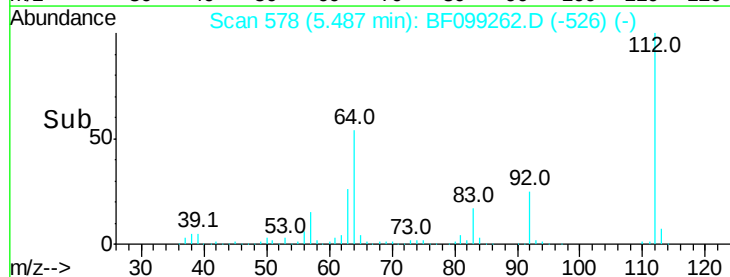
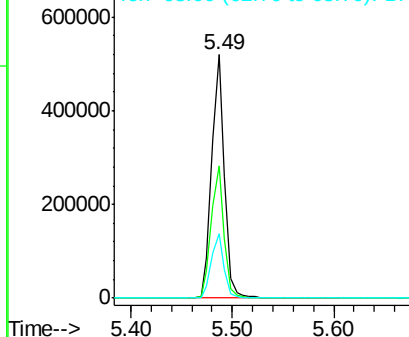
#5

2-Fluorophenol
 Concen: 61.130 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Tgt Ion:112 Resp: 454034
 Ion Ratio Lower Upper
 112 100
 64 54.2 47.9 71.9
 63 26.4 23.7 35.5



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: 38.949 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099262.D

Acq: 9 Oct 2017 15:10

Instrument :

BNA_F

ClientSampled :

LB-31(0-0.5)

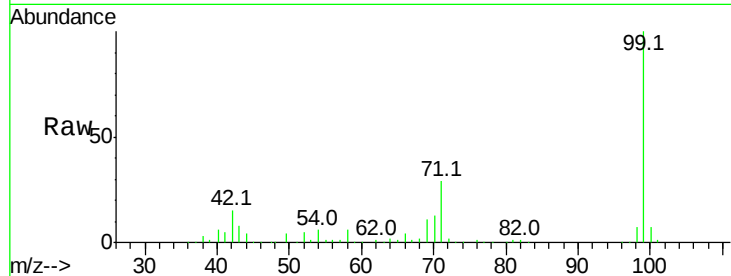
Tot Ion: 99 Resp: 356868

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

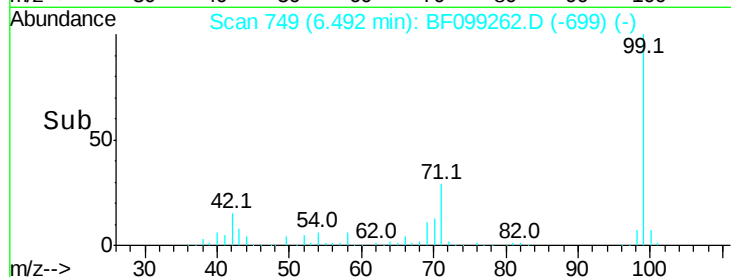
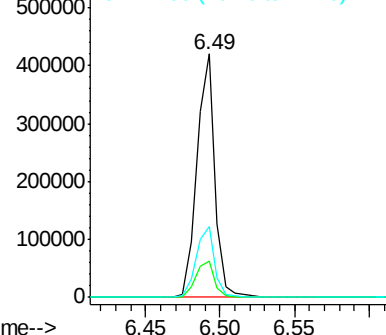
71 29.3 25.4 38.0



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099262.D

Acq: 9 Oct 2017 15:10

Tgt Ion: 136 Resp: 484377

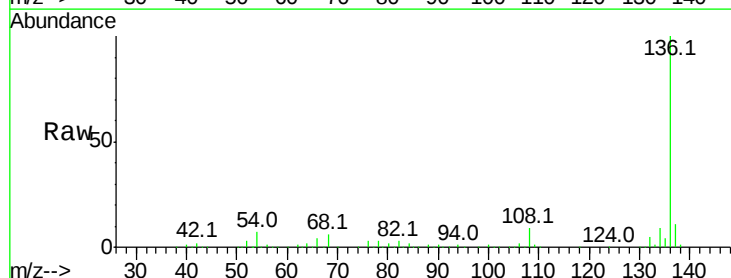
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.7 5.0 7.4

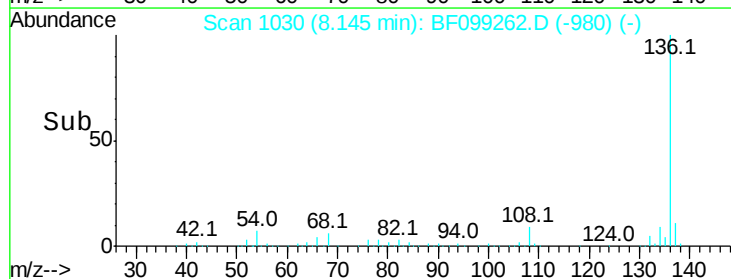
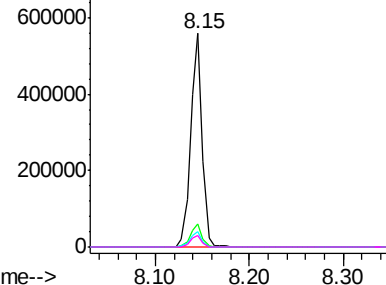


Abundance Ion 136.00 (135.70 to 136.70): E

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

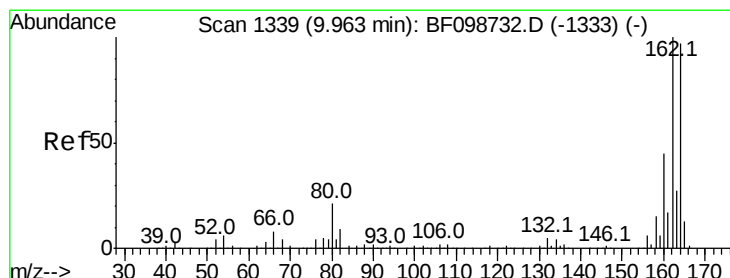
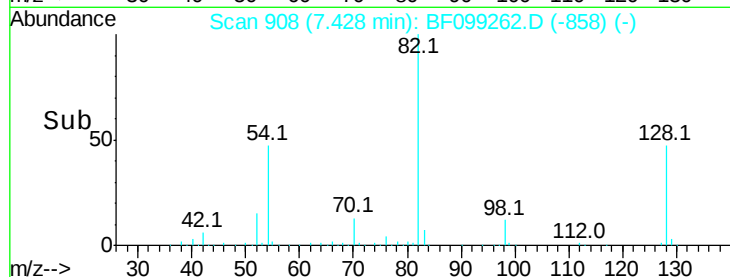
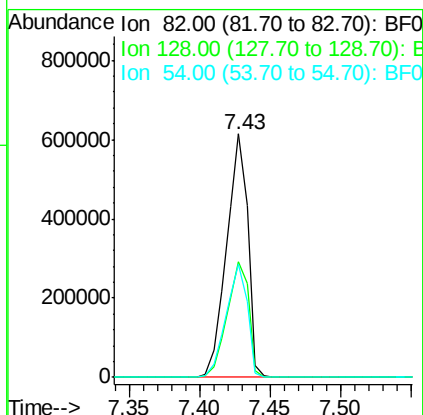
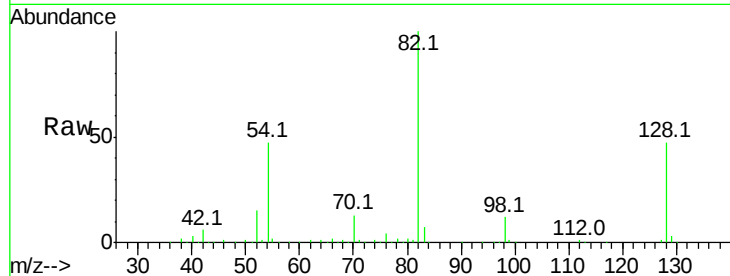




#23
 Nitrobenzene-d5
 Concen: 84.966 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

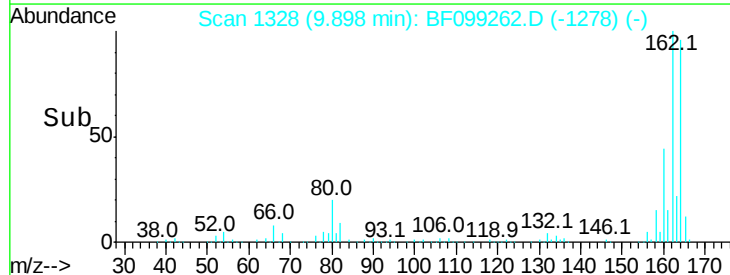
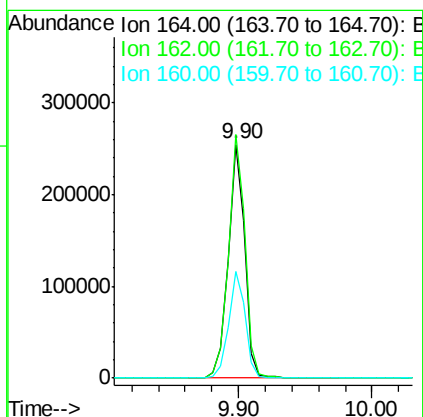
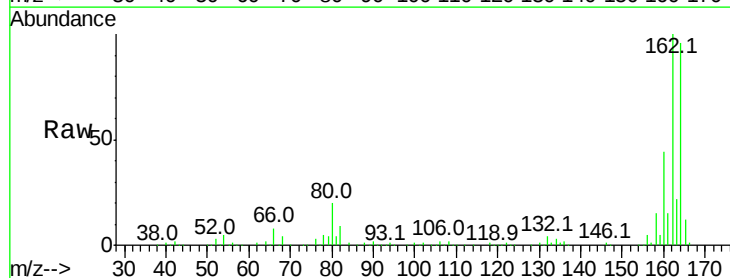
Instrument :
 BNA_F
 ClientSampleId :
 LB-31(0-0.5)

Tot Ion: 82 Resp: 641752
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 46.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Tgt Ion:164 Resp: 222486
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 45.6 38.3 57.5

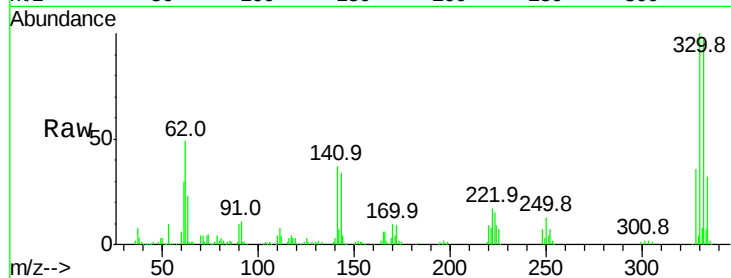




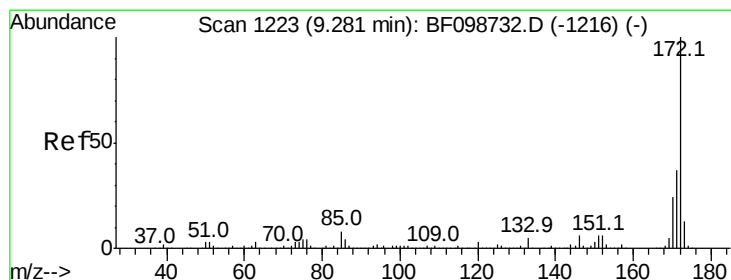
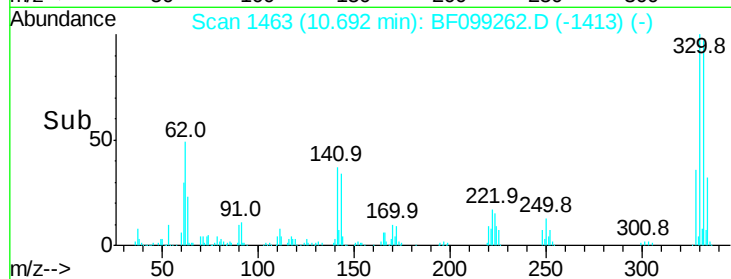
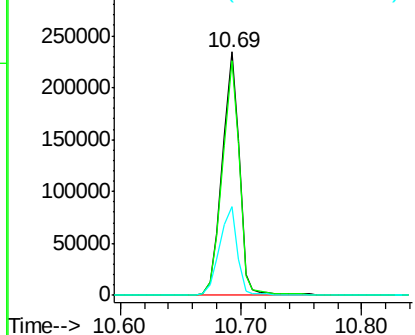
#41
 2,4,6-Tribromophenol
 Concen: 127.239 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 LB-31(0-0.5)

Tot Ion:330 Resp: 231643
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 37.8 29.9 44.9

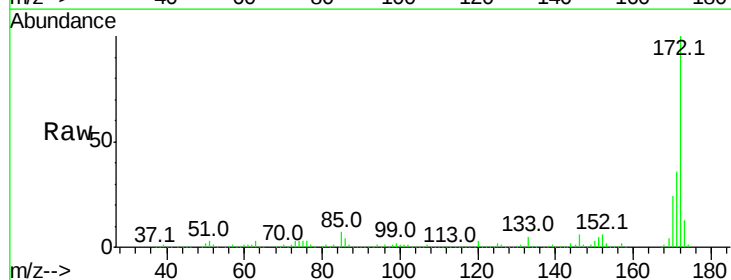


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

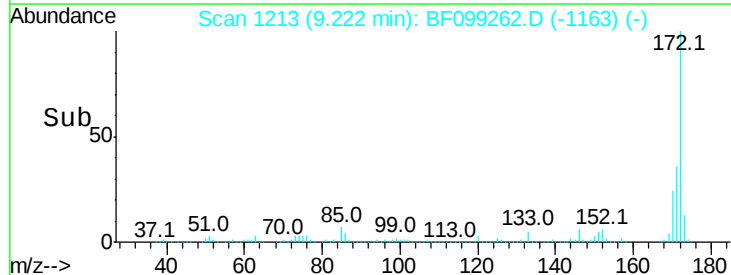
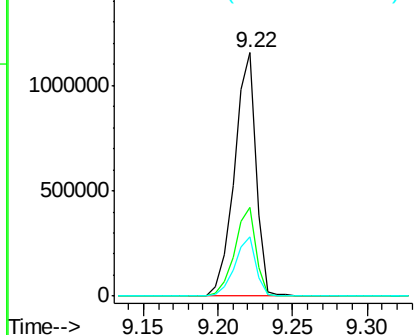


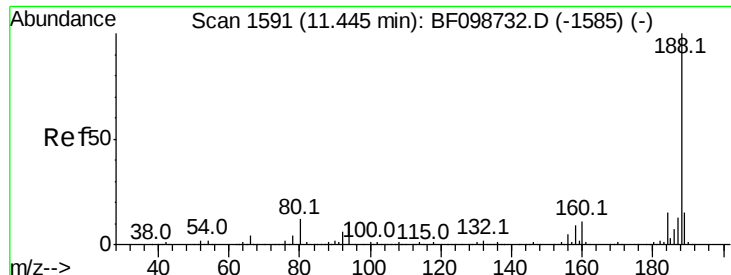
#44
 2-Fluorobiphenyl
 Concen: 88.621 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Tgt Ion:172 Resp: 1181067
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.2 19.6 29.4



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

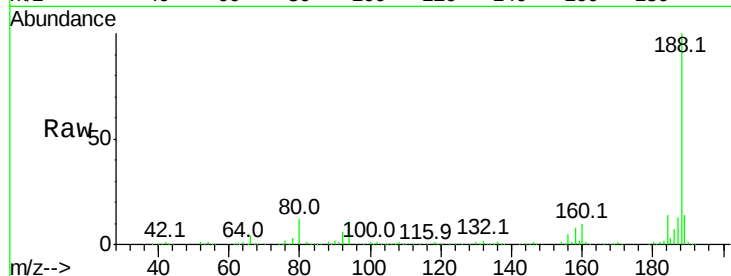




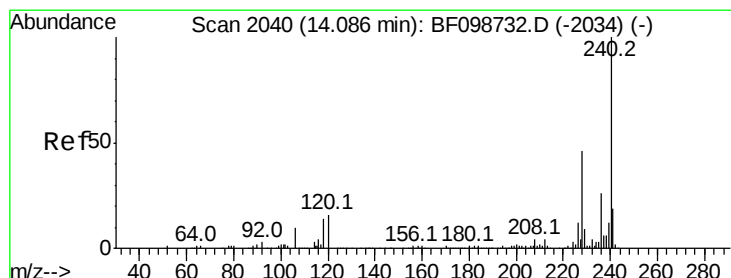
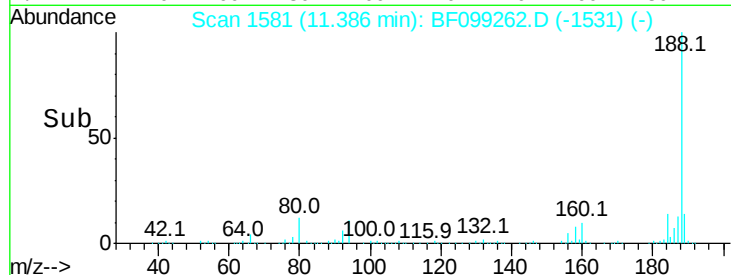
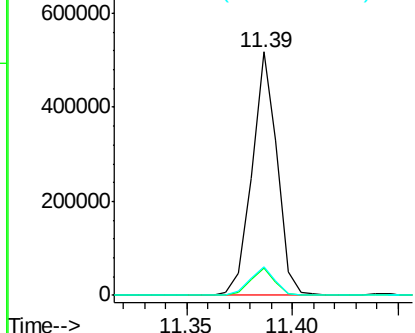
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :
LB-31(0-0.5)

Tot Ion:188 Resp: 428360
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8

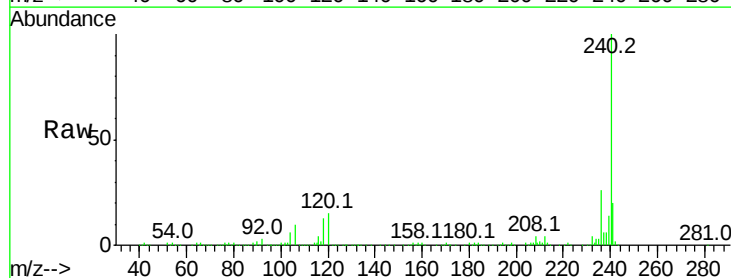


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

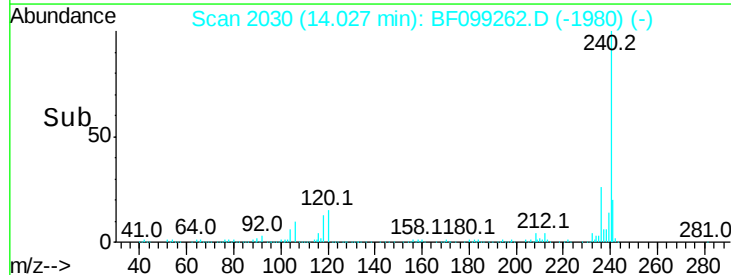
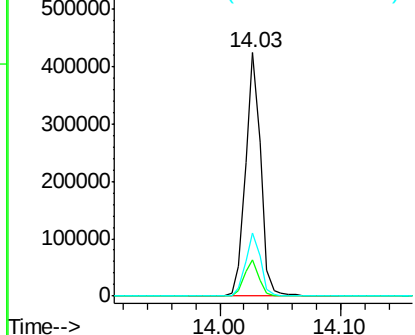


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Tgt Ion:240 Resp: 371990
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.8 20.7 31.1



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: 73.461 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099262.D

Acq: 9 Oct 2017 15:10

Instrument :

BNA_F

ClientSampleId :

LB-31(0-0.5)

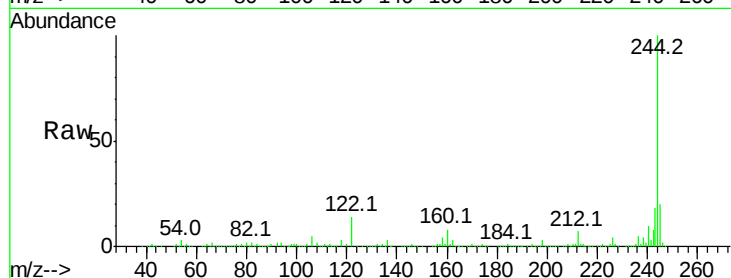
Tot Ion:244 Resp: 1201590

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

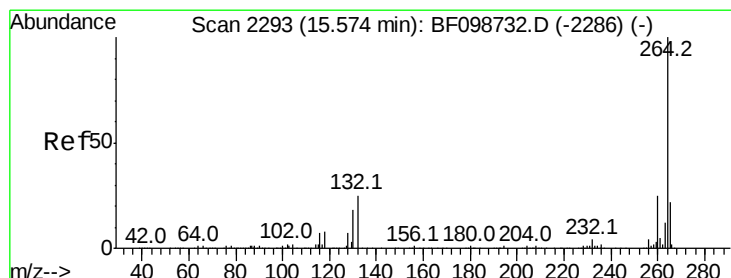
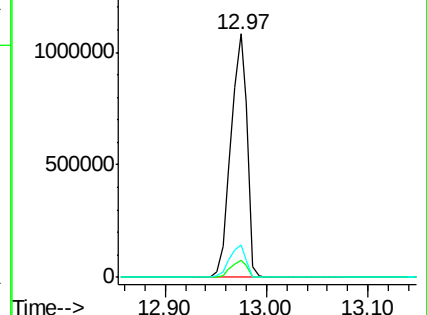
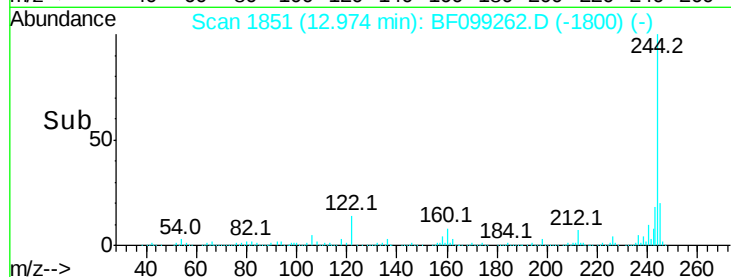
122 13.6 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099262.D

Acq: 9 Oct 2017 15:10

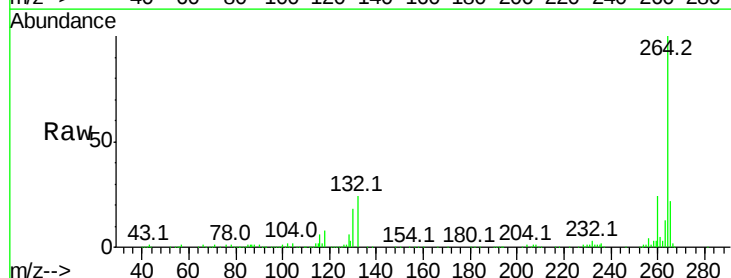
Tgt Ion:264 Resp: 308990

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 17.5 26.3



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

