

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093031.D
 Acq On : 20 Feb 2017 16:35
 Operator : SJ/MA
 Sample : PB97057BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97057BL

Quant Time: Feb 20 17:37:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	161417	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	634366	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	318607	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	577240	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	580813	20.00	ng	-0.01
86) Perylene-d12	15.44	264	497023	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1257100	133.61	ng	0.00
7) Phenol-d6	6.49	99	1539551	127.17	ng	0.00
23) Nitrobenzene-d5	7.41	82	943879	82.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	327029	141.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1789874	101.78	ng	0.00
78) Terphenyl-d14	12.96	244	1597881	64.64	ng	-0.01

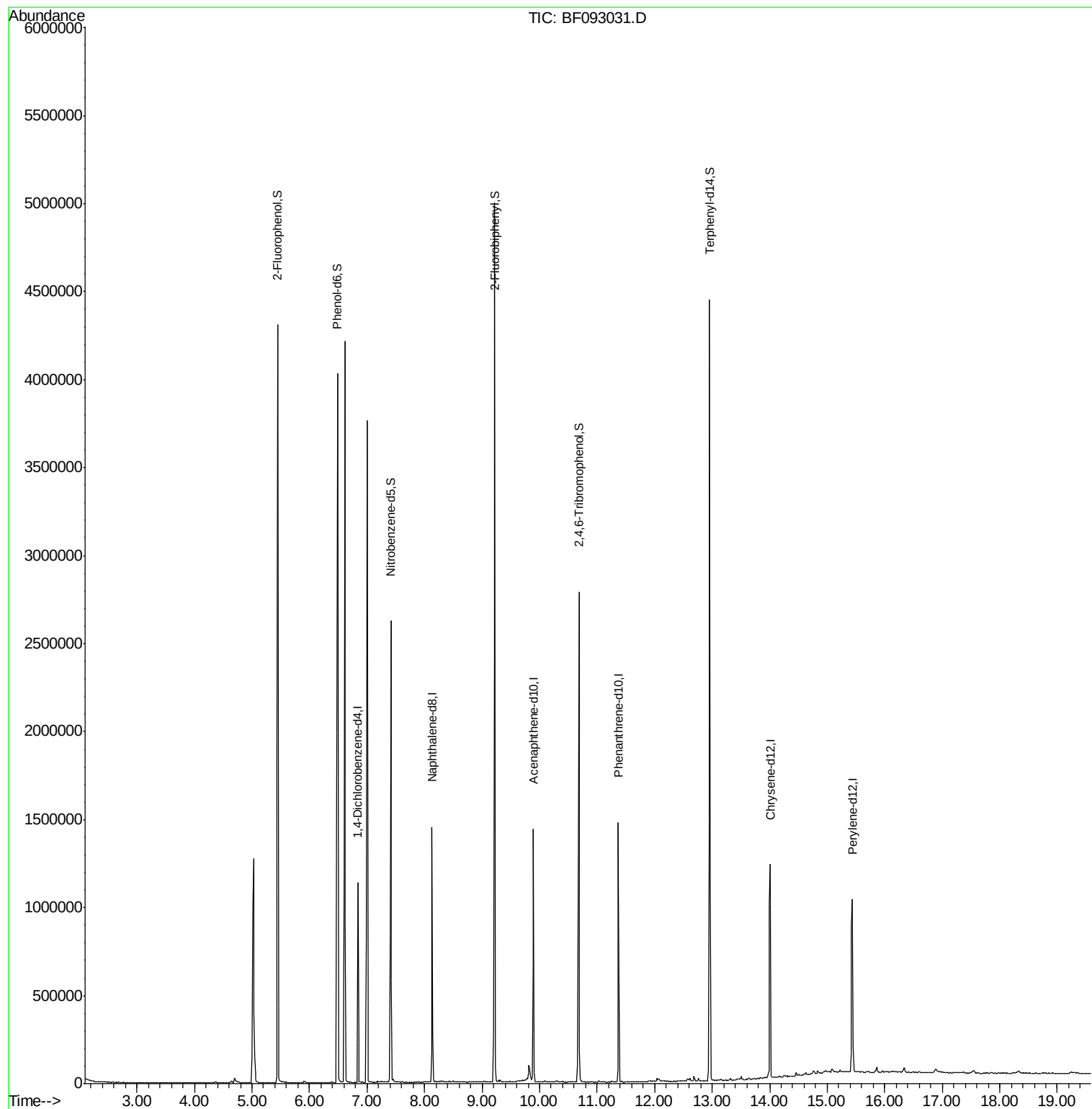
Target Compounds Qvalue

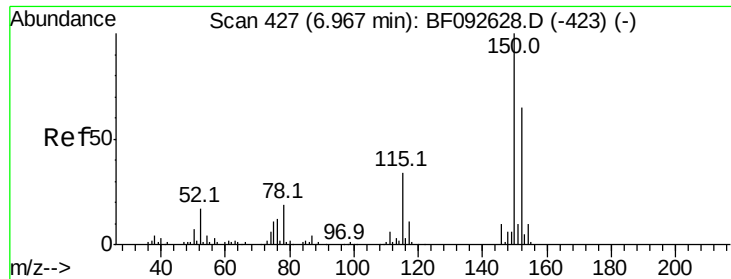
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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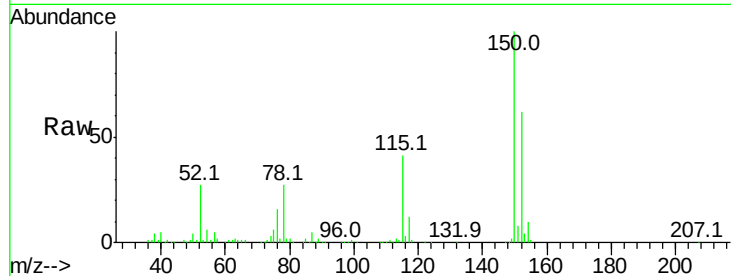


#1

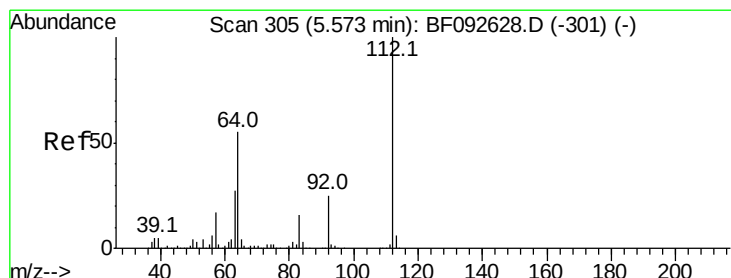
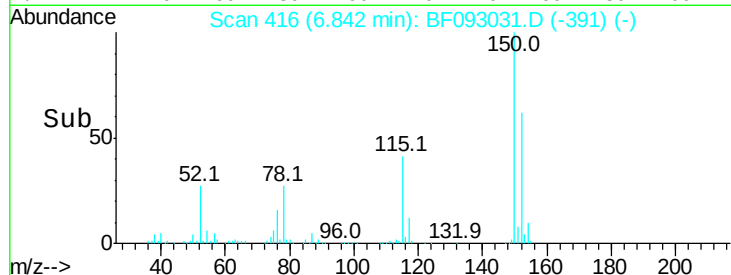
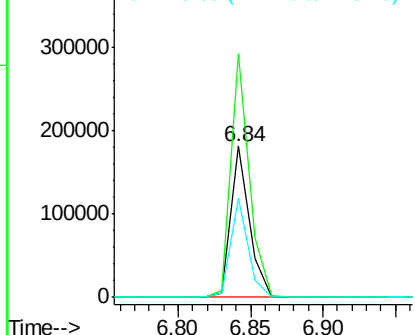
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093031.D
Acq: 20 Feb 2017 16:35

Instrument :
BNA_F
ClientSampleId :
PB97057BL

Tot Ion:152 Resp: 161417
Ion Ratio Lower Upper
152 100
150 161.1 124.9 187.3
115 65.4 46.0 69.0



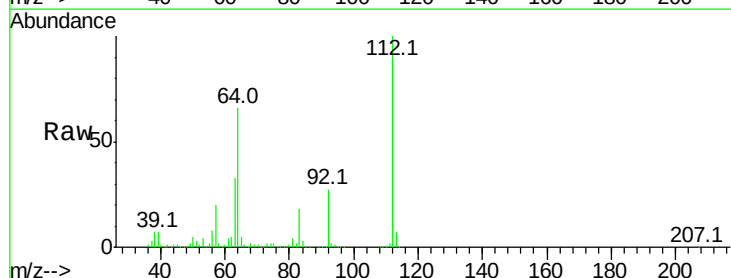
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



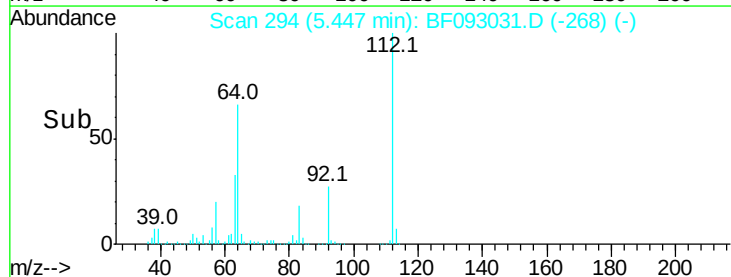
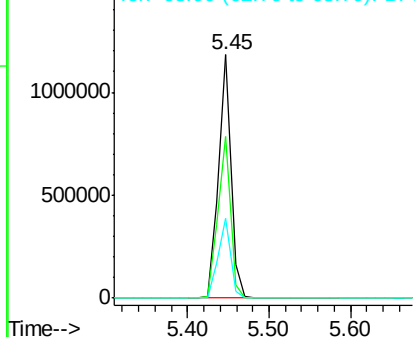
#5

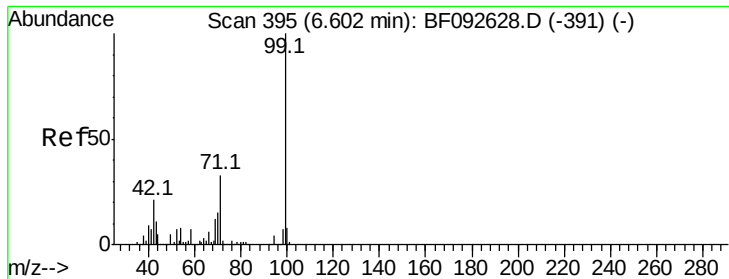
2-Fluorophenol
Concen: 133.61 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF093031.D
Acq: 20 Feb 2017 16:35

Tgt Ion:112 Resp: 1257100
Ion Ratio Lower Upper
112 100
64 66.3 46.1 69.1
63 33.0 23.8 35.6



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: 127.17 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093031.D

Acq: 20 Feb 2017 16:35

Instrument :

BNA_F

ClientSampleId :

PB97057BL

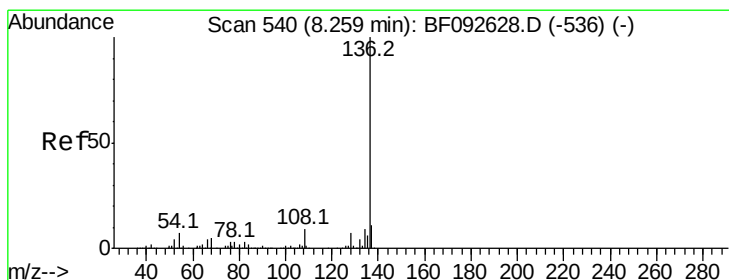
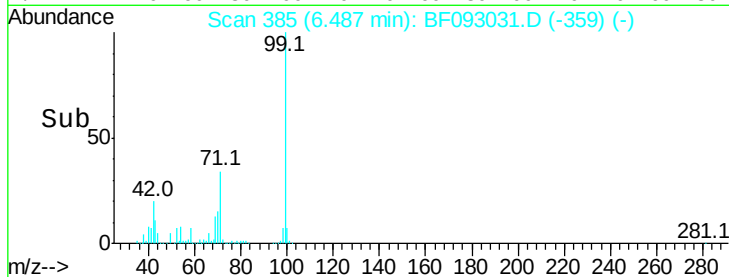
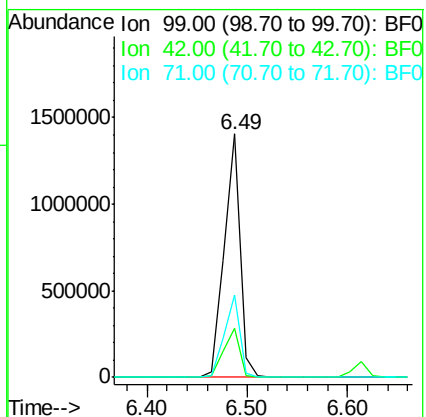
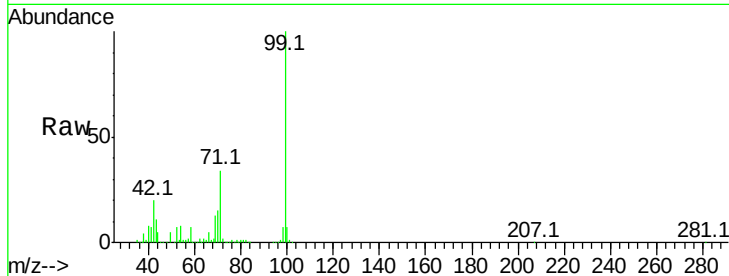
Tot Ion: 99 Resp: 1539551

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

71 33.6 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093031.D

Acq: 20 Feb 2017 16:35

Tgt Ion: 136 Resp: 634366

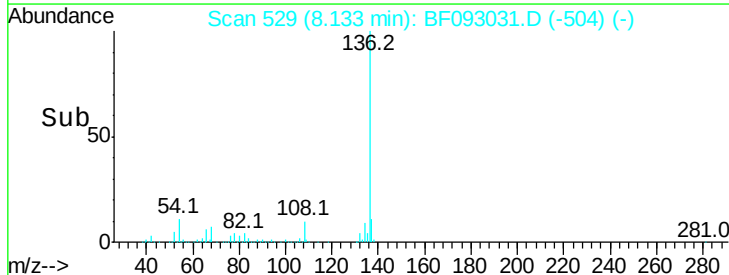
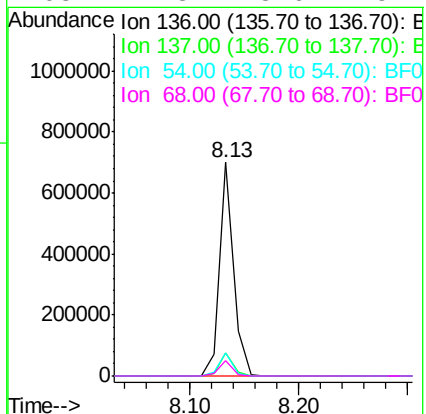
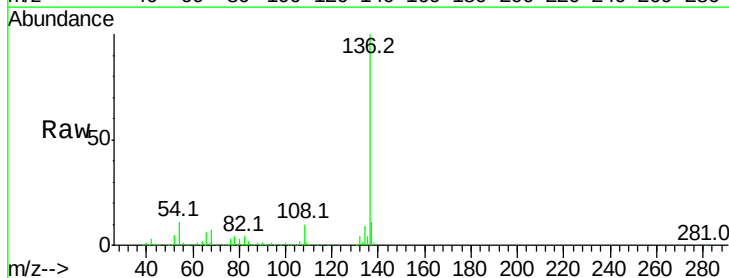
Ion Ratio Lower Upper

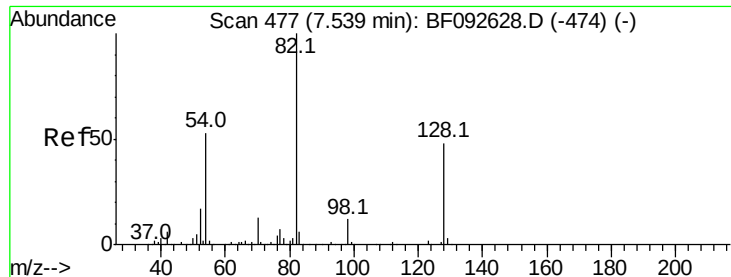
136 100

137 11.0 8.4 12.6

54 10.7 4.5 6.7#

68 7.3 3.6 5.4#

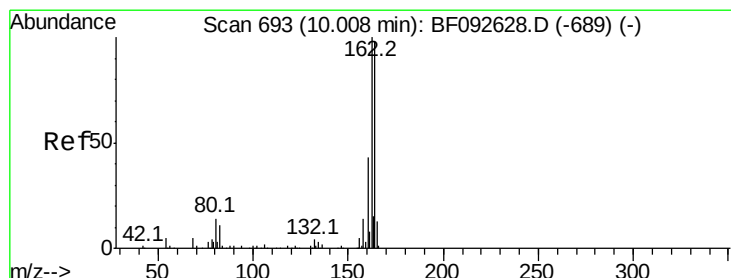
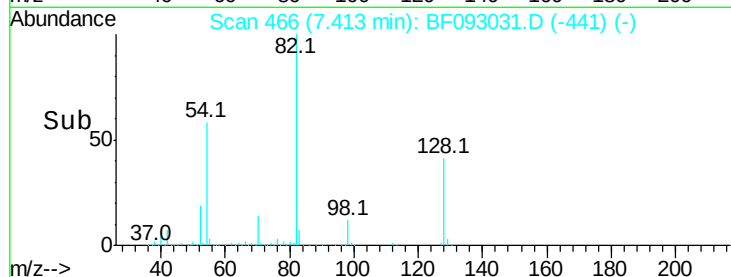
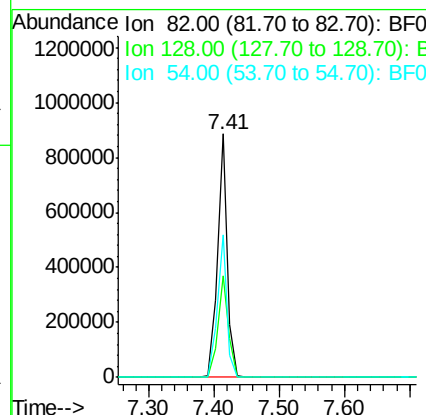
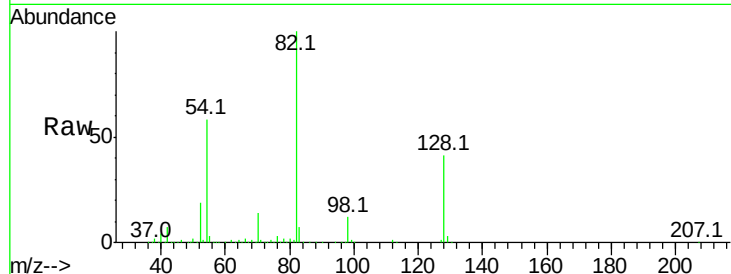




#23
 Nitrobenzene-d5
 Concen: 82.86 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093031.D
 Acq: 20 Feb 2017 16:35

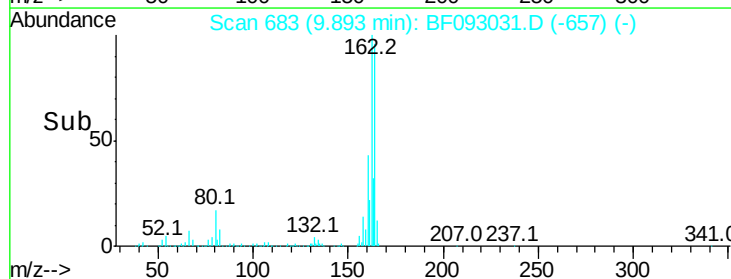
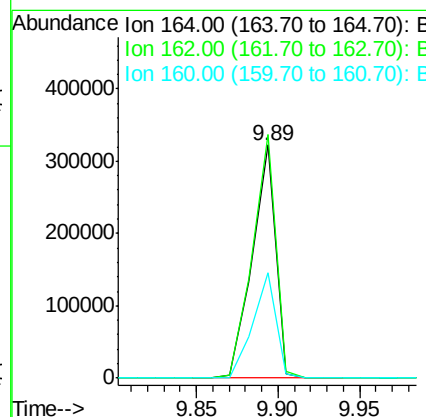
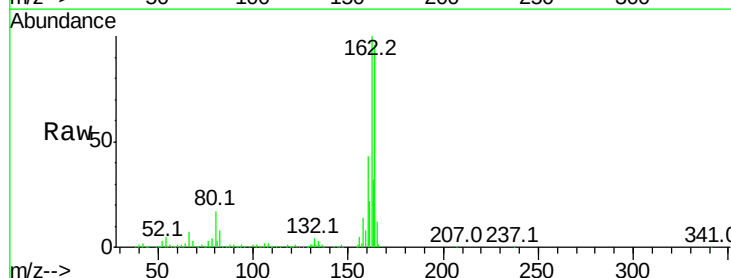
Instrument :
 BNA_F
 ClientSampleId :
 PB97057BL

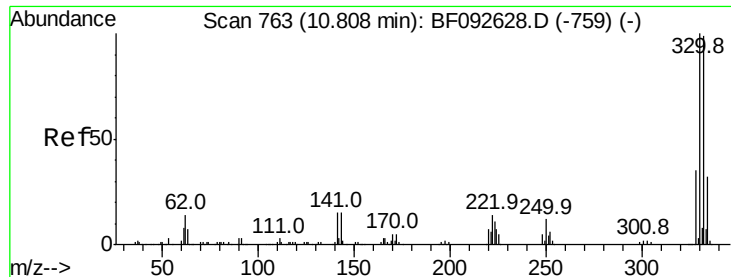
Tot Ion: 82 Resp: 943879
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 58.4 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF093031.D
 Acq: 20 Feb 2017 16:35

Tgt Ion:164 Resp: 318607
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.2 120.2
 160 45.1 36.9 55.3

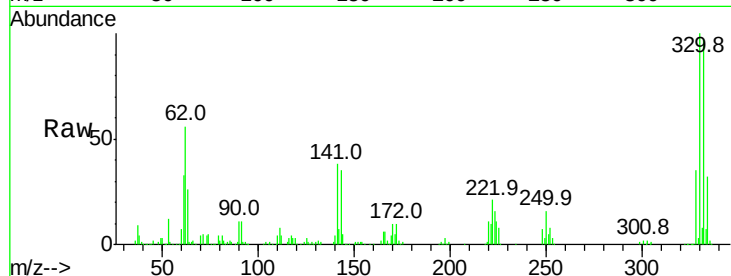




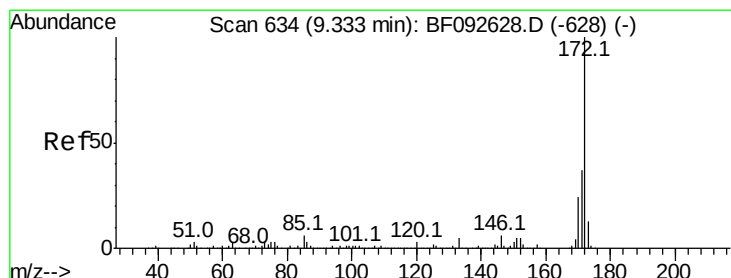
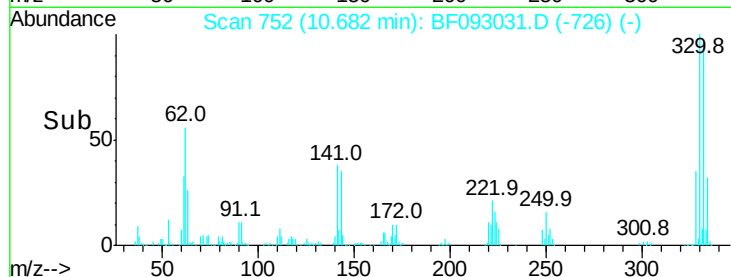
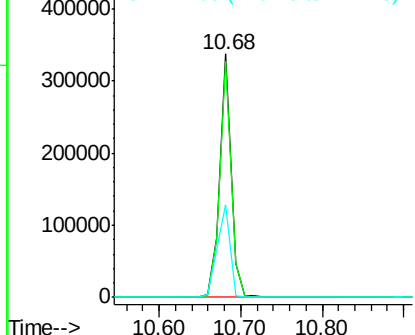
#41
 2,4,6-Tribromophenol
 Concen: 141.92 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093031.D
 Acq: 20 Feb 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97057BL

Tot Ion:330 Resp: 327029
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 43.0 34.1 51.1

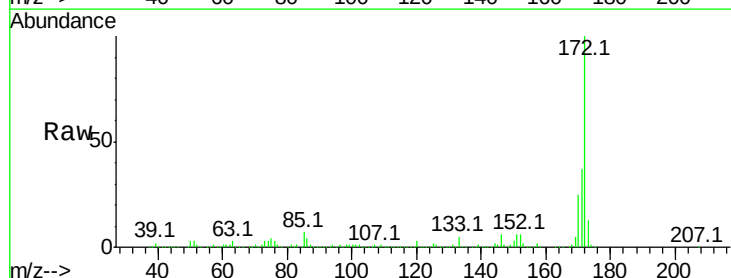


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

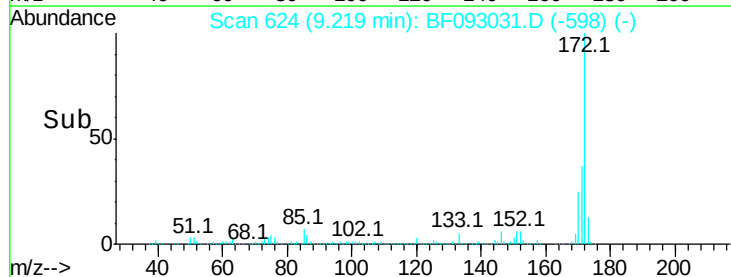
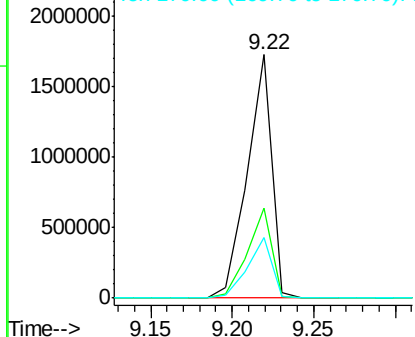


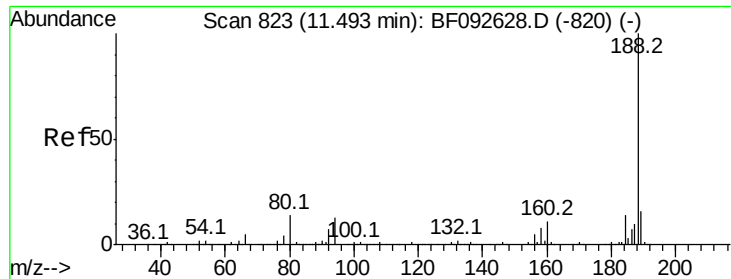
#44
 2-Fluorobiphenyl
 Concen: 101.78 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093031.D
 Acq: 20 Feb 2017 16:35

Tgt Ion:172 Resp: 1789874
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.0 20.2 30.4



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

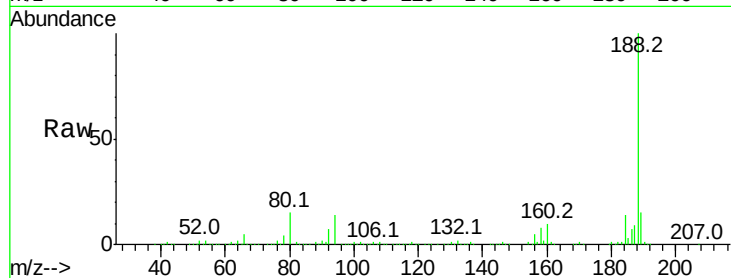




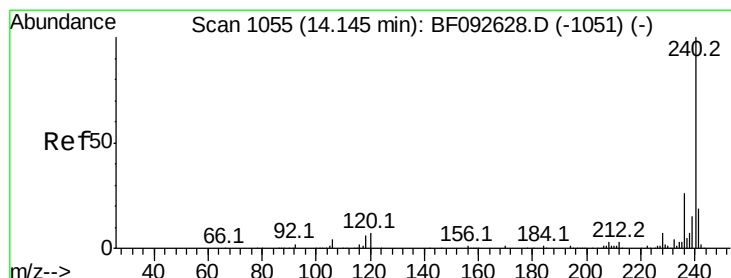
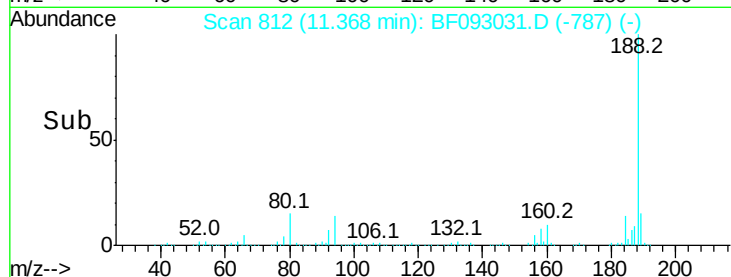
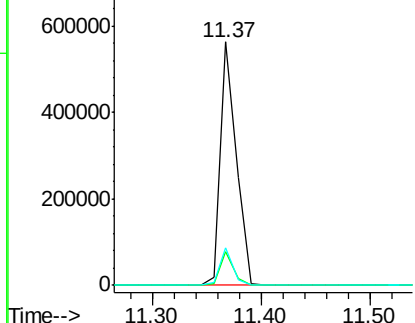
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093031.D
Acq: 20 Feb 2017 16:35

Instrument :
BNA_F
ClientSampleId :
PB97057BL

Tot Ion:188 Resp: 577240
Ion Ratio Lower Upper
188 100
94 14.0 10.0 15.0
80 15.3 11.2 16.8

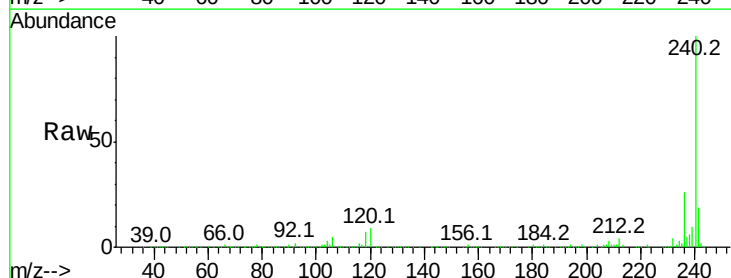


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

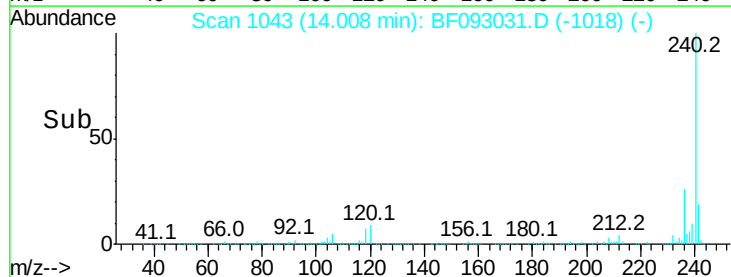
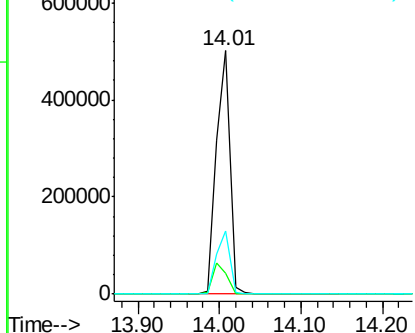


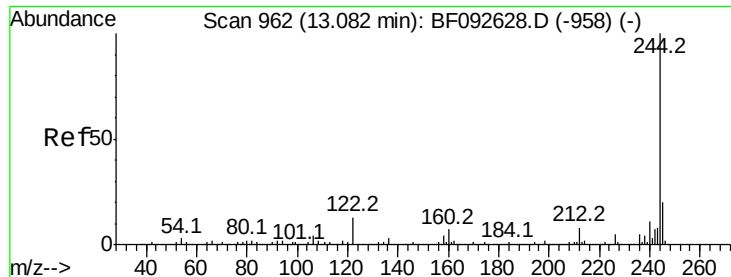
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093031.D
Acq: 20 Feb 2017 16:35

Tgt Ion:240 Resp: 580813
Ion Ratio Lower Upper
240 100
120 8.5 12.9 19.3#
236 25.8 20.9 31.3



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

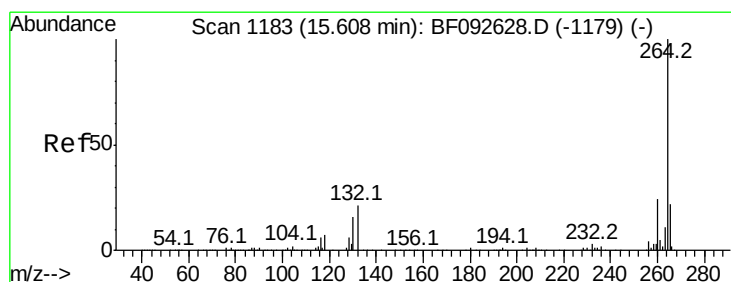
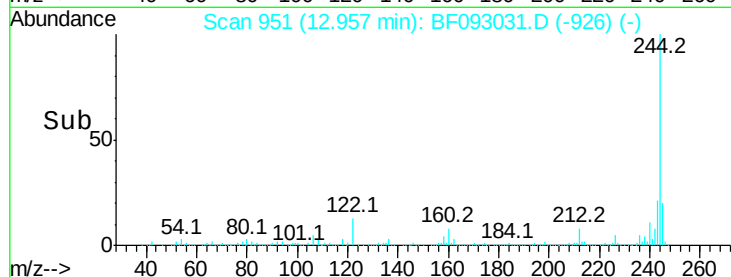
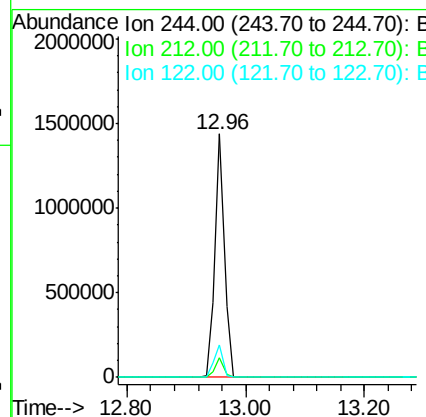
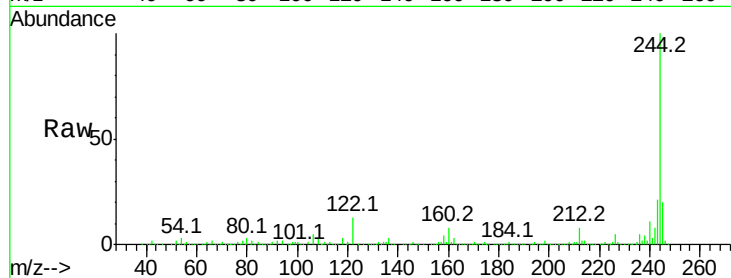




#78
 Terphenyl-d14
 Concen: 64.64 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093031.D
 Acq: 20 Feb 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97057BL

Tot Ion:244 Resp: 1597881
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093031.D
 Acq: 20 Feb 2017 16:35

Tgt Ion:264 Resp: 497023
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.5 17.4 26.0

