

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093150.D
 Acq On : 24 Feb 2017 17:47
 Operator : SJ/MA
 Sample : PB97152BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BL

Quant Time: Feb 24 22:18:11 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	6.83	152	144753	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	560855	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	273202	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	523625	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	490064	20.00	ng	-0.02
86) Perylene-d12	15.43	264	394766	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1112752	131.88	ng	-0.02
7) Phenol-d6	6.48	99	1486003	136.88	ng	-0.01
23) Nitrobenzene-d5	7.40	82	841591	83.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	308956	156.36	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1588720	105.35	ng	-0.01
78) Terphenyl-d14	12.96	244	1584273	75.96	ng	-0.01

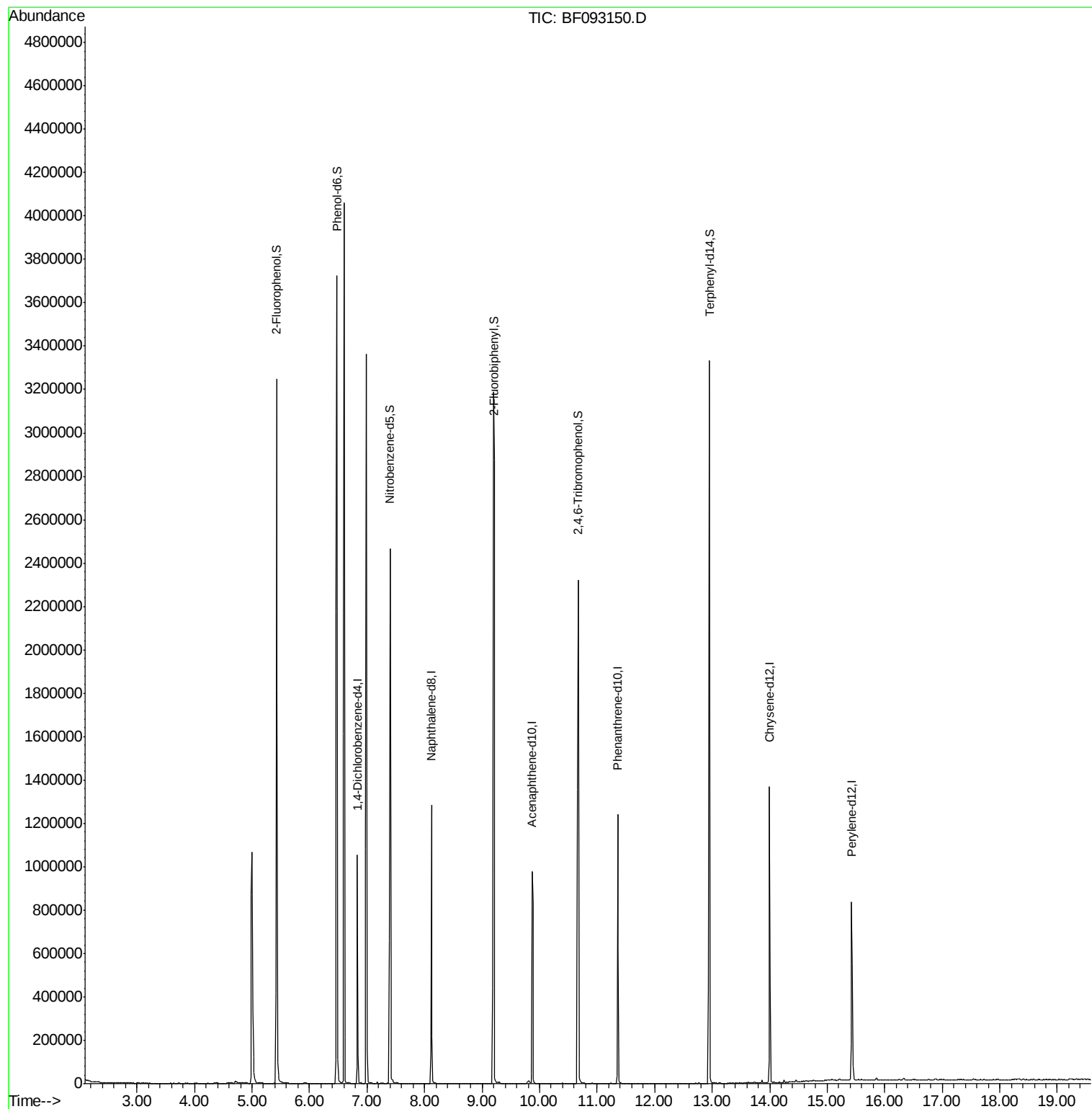
Target Compounds Qvalue

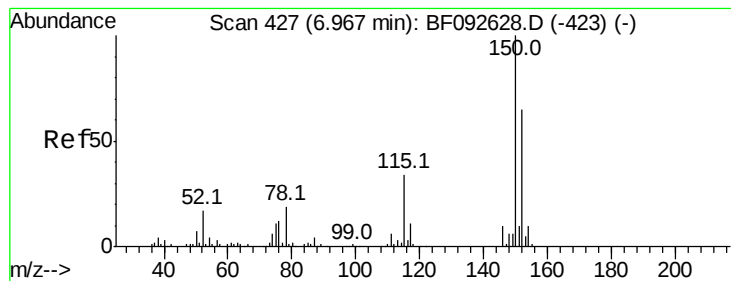
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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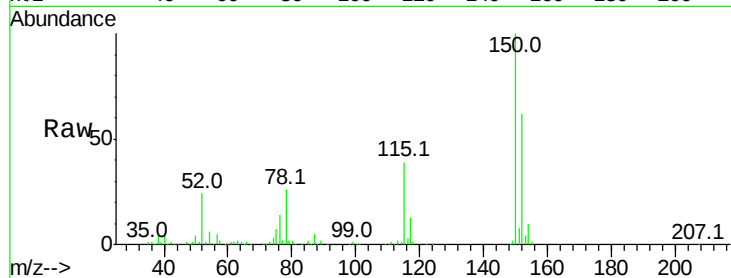


#1

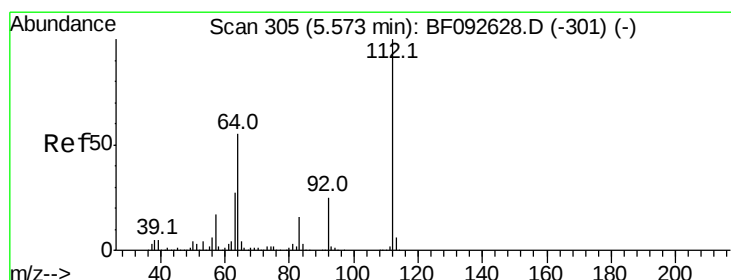
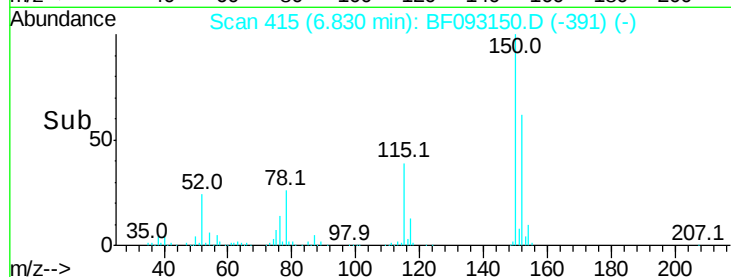
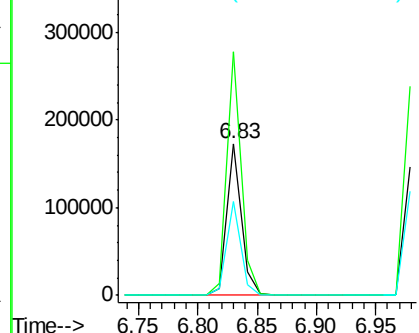
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97152BL

Tot Ion:152 Resp: 144753
Ion Ratio Lower Upper
152 100
150 160.1 124.9 187.3
115 61.7 46.0 69.0



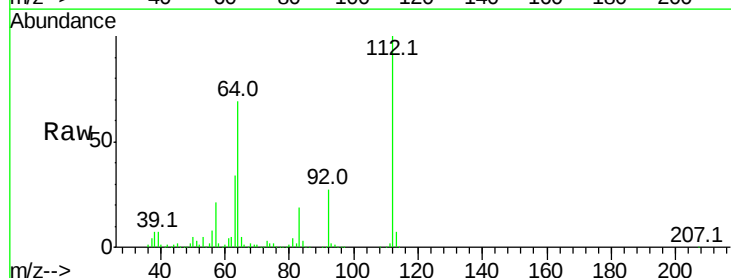
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



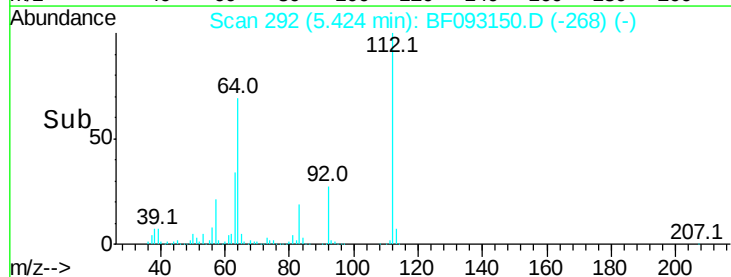
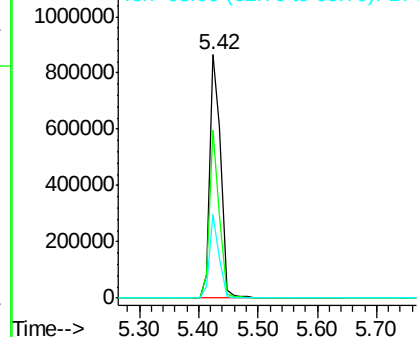
#5

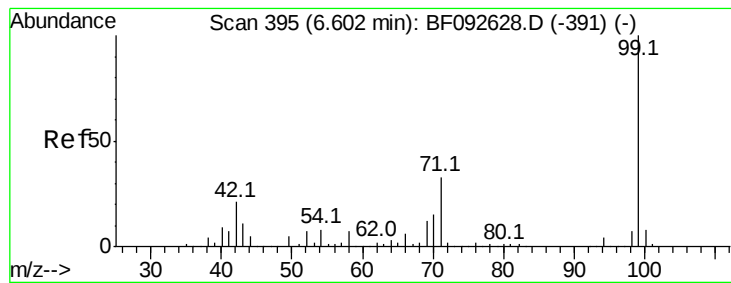
2-Fluorophenol
Concen: 131.88 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Tgt Ion:112 Resp: 1112752
Ion Ratio Lower Upper
112 100
64 69.0 46.1 69.1
63 34.4 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: 136.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093150.D

Acq: 24 Feb 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97152BL

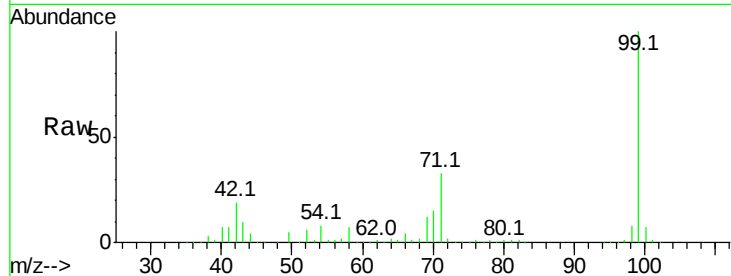
Tot Ion: 99 Resp: 1486003

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

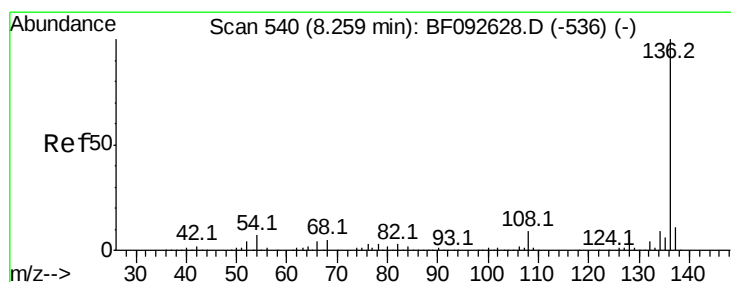
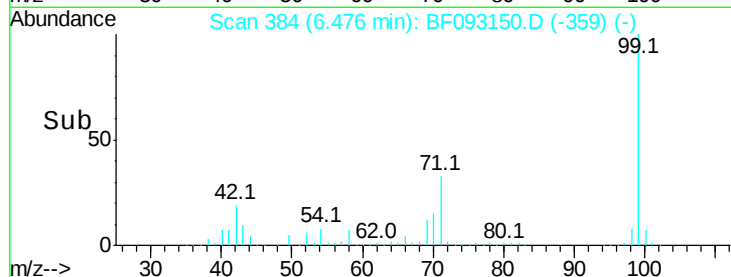
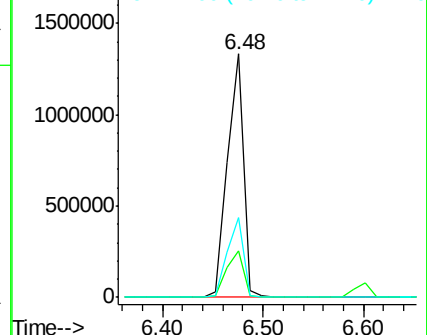
71 32.5 27.5 41.3



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: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093150.D

Acq: 24 Feb 2017 17:47

Tgt Ion: 136 Resp: 560855

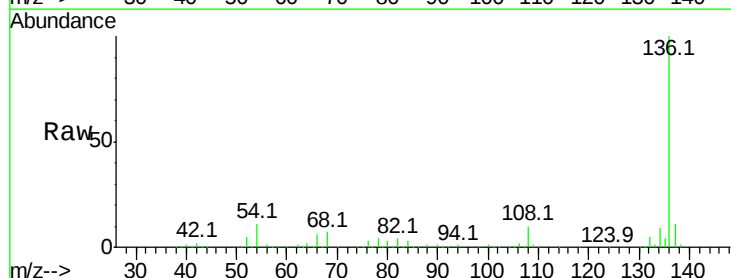
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.7 4.5 6.7#

68 7.2 3.6 5.4#

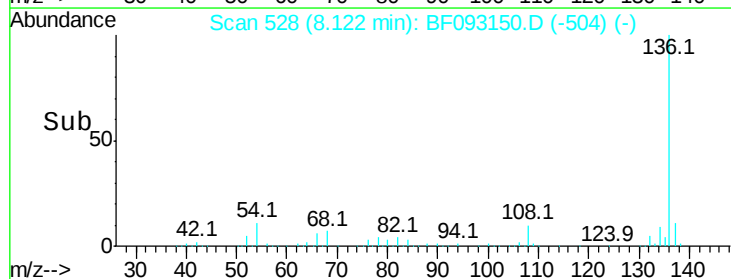
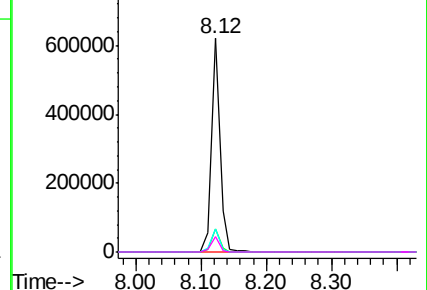


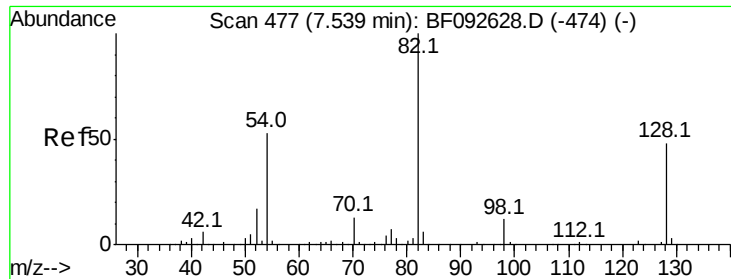
Abundance Ion 136.00 (135.70 to 136.70): E

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

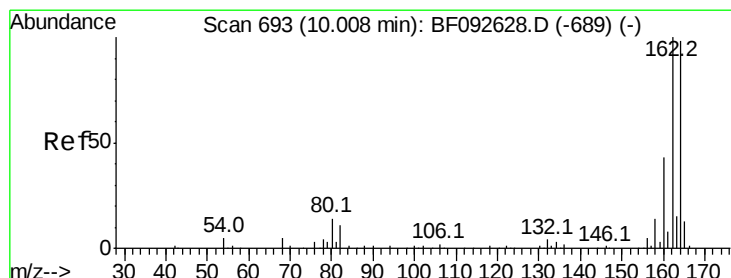
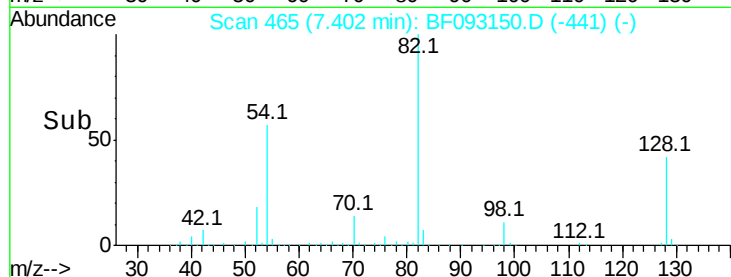
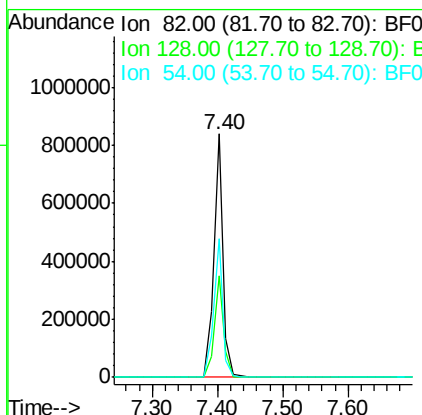
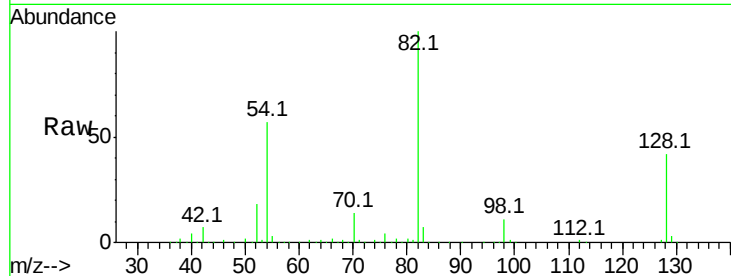




#23
 Nitrobenzene-d5
 Concen: 83.56 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

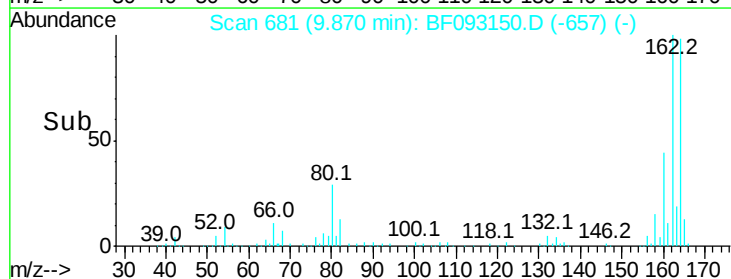
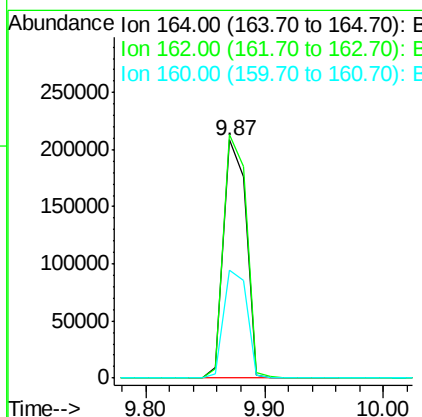
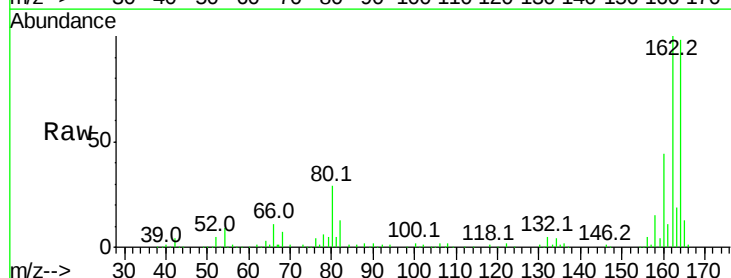
Instrument :
 BNA_F
 ClientSampleId :
 PB97152BL

Tot Ion	82	Resp	841591
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.6	52.0
54	57.0	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Tgt Ion	164	Resp	273202
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.2	120.2
160	45.3	36.9	55.3

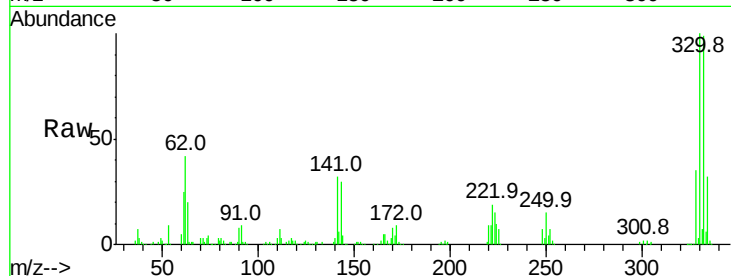




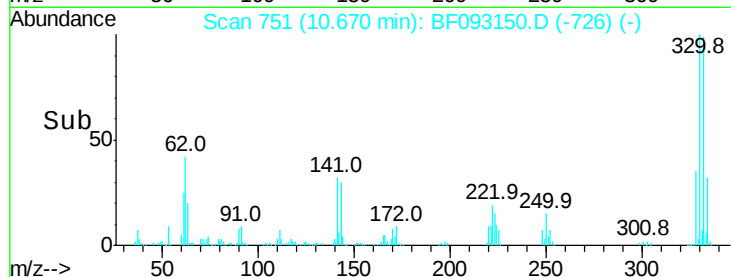
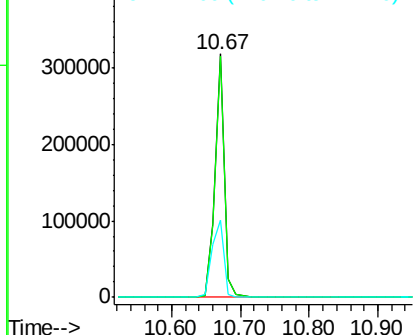
#41
 2,4,6-Tribromophenol
 Concen: 156.36 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BL

Tot Ion:330 Resp: 308956
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.4 116.2
 141 40.0 34.1 51.1

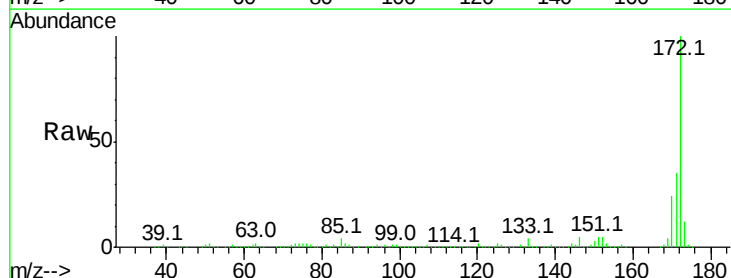


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

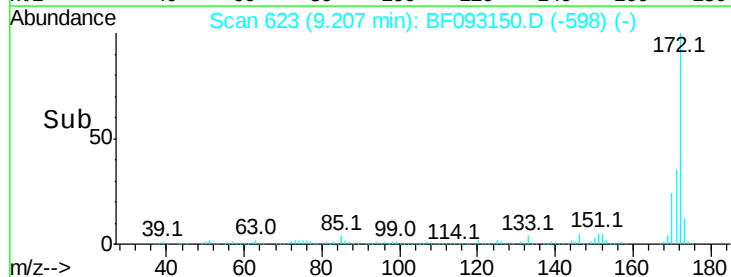
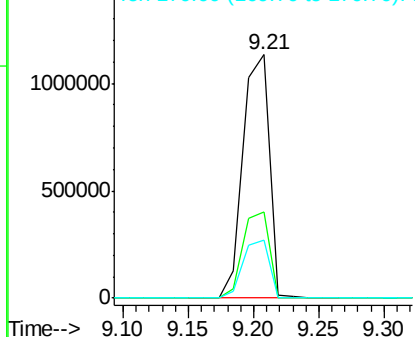


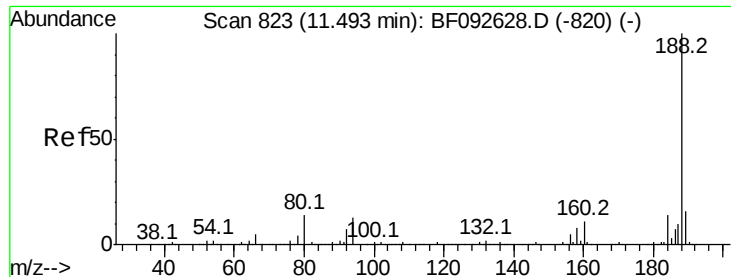
#44
 2-Fluorobiphenyl
 Concen: 105.35 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Tgt Ion:172 Resp: 1588720
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.7 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

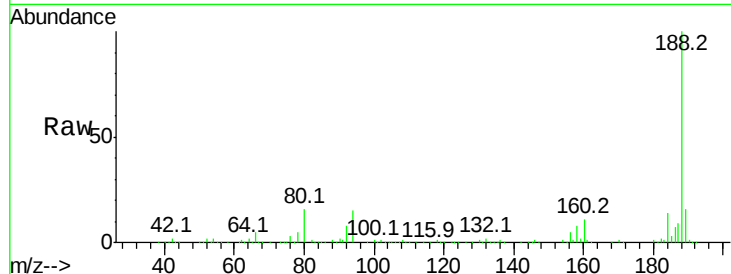




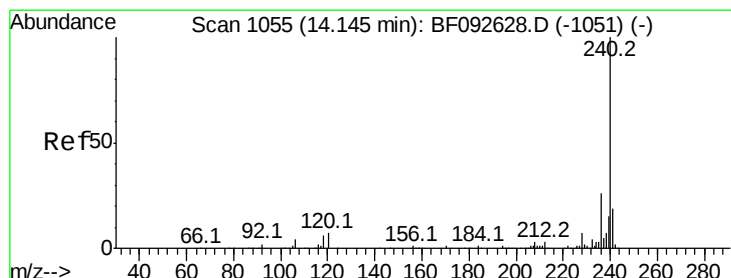
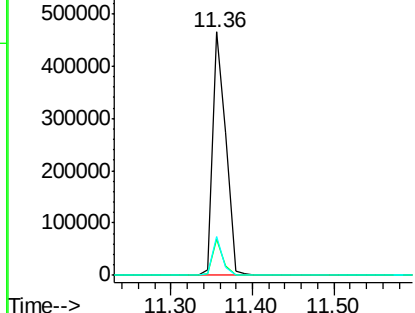
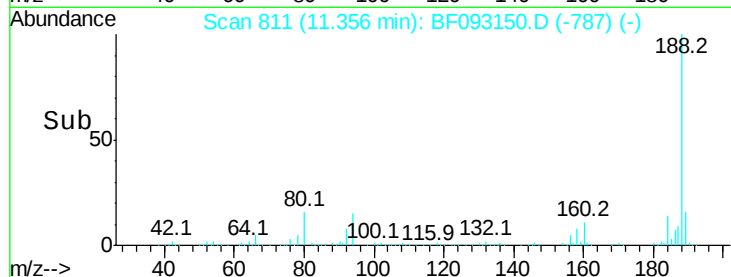
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97152BL

Tot Ion:188 Resp: 523625
Ion Ratio Lower Upper
188 100
94 14.7 10.0 15.0
80 16.0 11.2 16.8

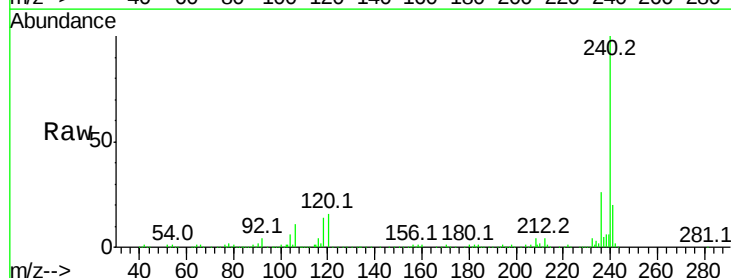


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

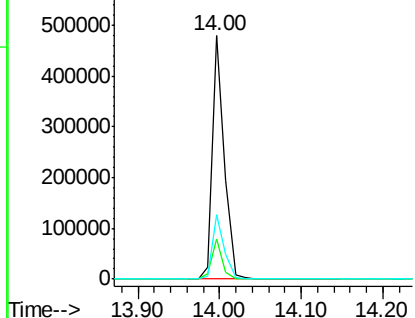
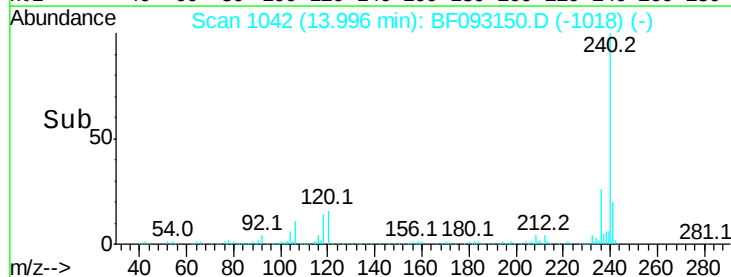


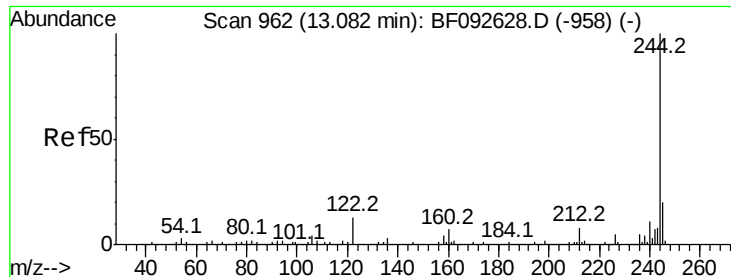
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093150.D
Acq: 24 Feb 2017 17:47

Tgt Ion:240 Resp: 490064
Ion Ratio Lower Upper
240 100
120 16.4 12.9 19.3
236 26.2 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

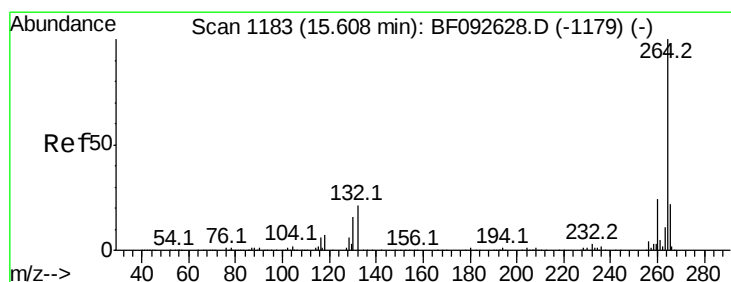
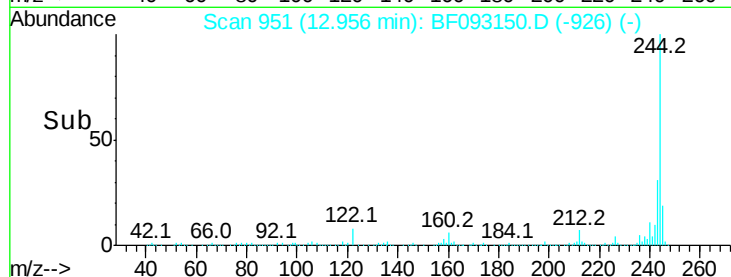
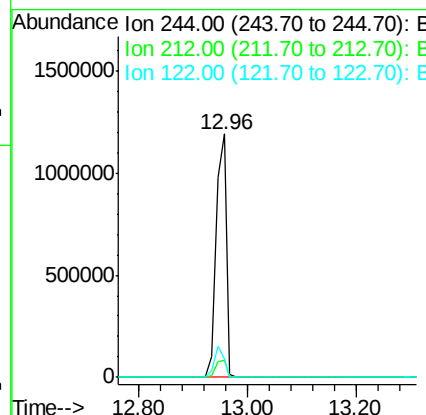
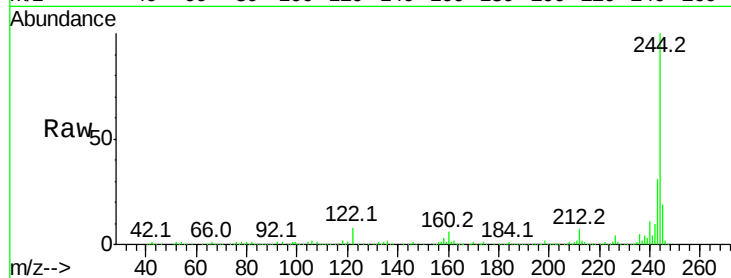




#78
 Terphenyl-d14
 Concen: 75.96 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BL

Tot Ion:244 Resp: 1584273
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 7.8 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093150.D
 Acq: 24 Feb 2017 17:47

Tgt Ion:264 Resp: 394766
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 17.4 26.0

