

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093148.D
 Acq On : 24 Feb 2017 16:51
 Operator : SJ/MA
 Sample : PB97158BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BL

Quant Time: Feb 24 22:14:54 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	147560	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	573128	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	276352	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	514494	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	470848	20.00	ng	-0.02
86) Perylene-d12	15.43	264	395203	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1203169	139.89	ng	-0.01
7) Phenol-d6	6.48	99	1496317	135.21	ng	-0.01
23) Nitrobenzene-d5	7.40	82	853113	82.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	297875	149.03	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1625213	106.54	ng	-0.01
78) Terphenyl-d14	12.96	244	1553115	77.50	ng	-0.01

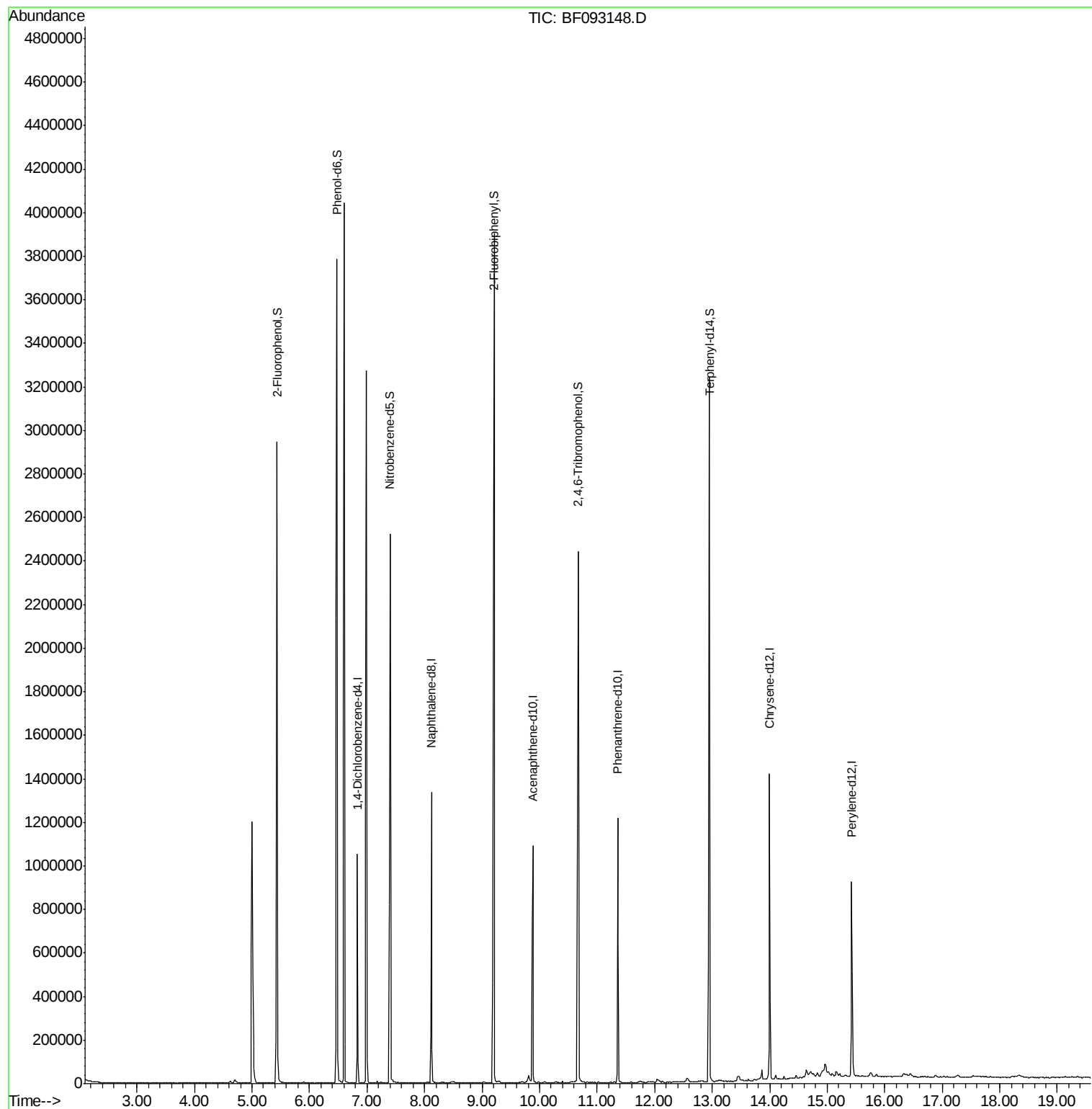
Target Compounds Qvalue

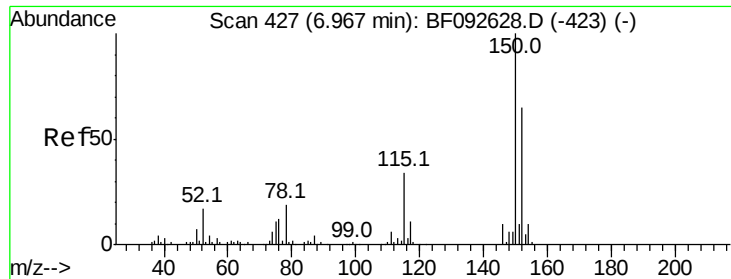
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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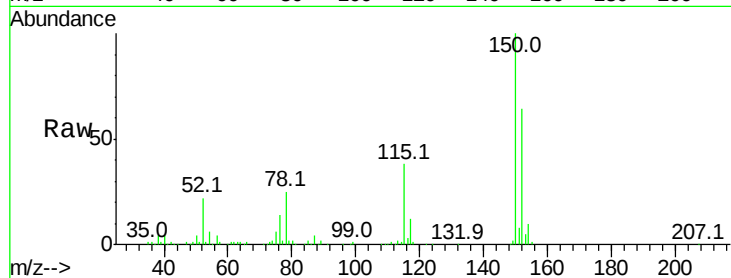


#1

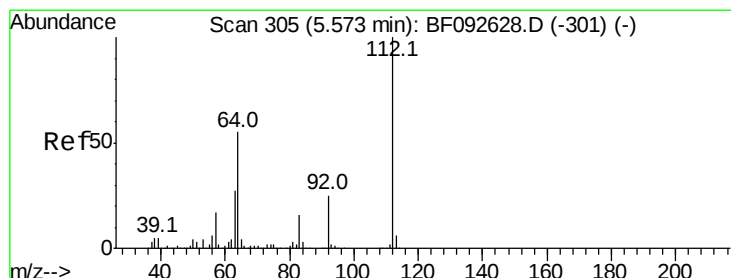
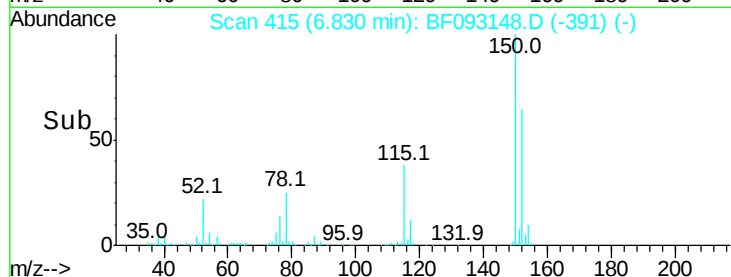
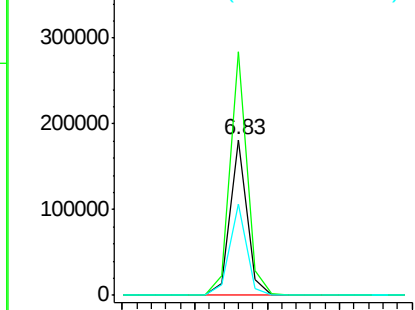
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093148.D
Acq: 24 Feb 2017 16:51

Instrument :
BNA_F
ClientSampleId :
PB97158BL

Tot Ion:152 Resp: 147560
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 59.1 46.0 69.0



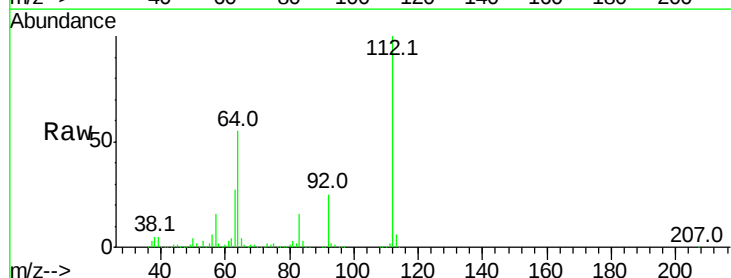
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



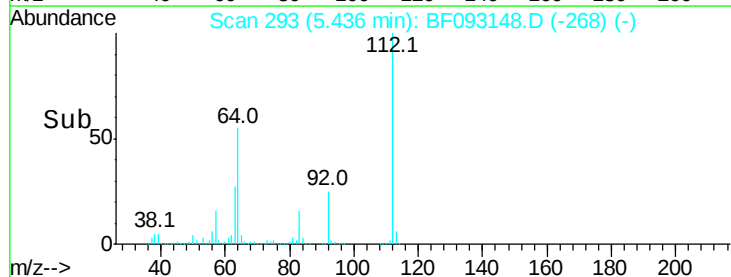
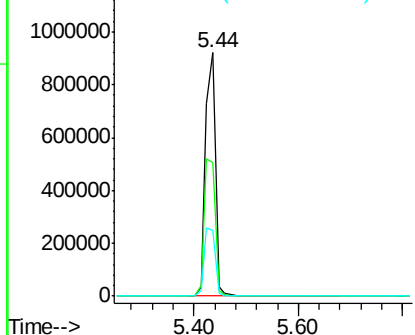
#5

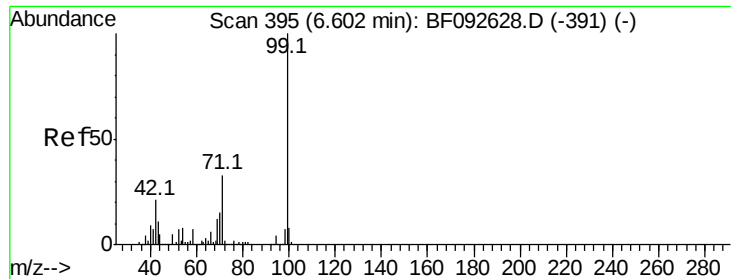
2-Fluorophenol
Concen: 139.89 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093148.D
Acq: 24 Feb 2017 16:51

Tgt Ion:112 Resp: 1203169
Ion Ratio Lower Upper
112 100
64 54.6 46.1 69.1
63 27.2 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: 135.21 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

Instrument :

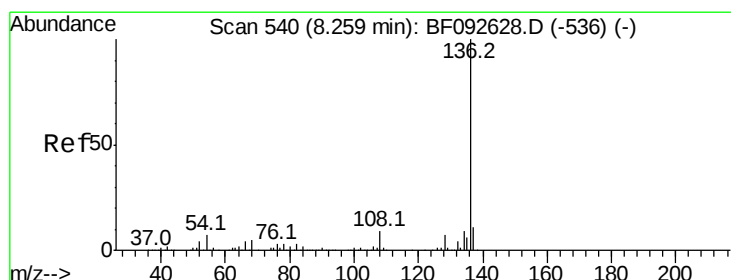
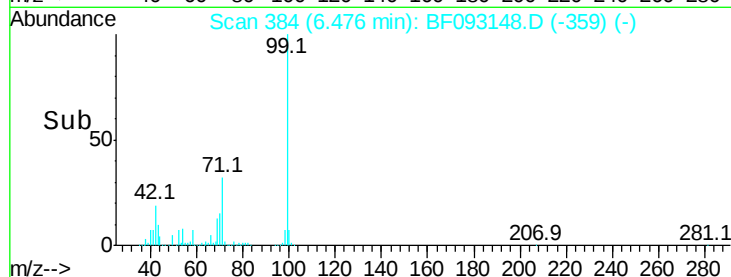
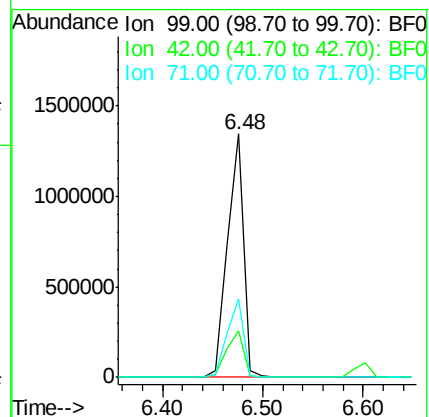
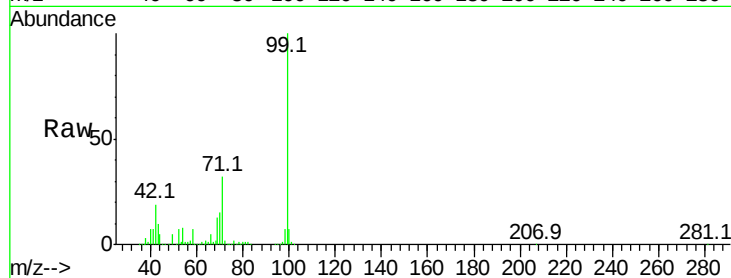
BNA_F

ClientSampleId :

PB97158BL

Tot Ion: 99 Resp: 1496317

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.6	23.4
71	32.4	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

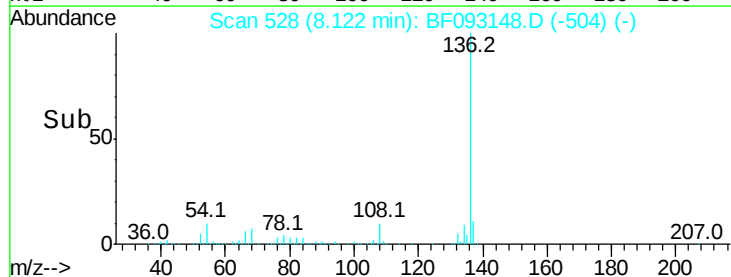
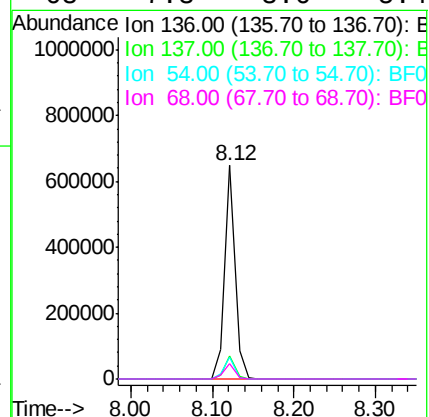
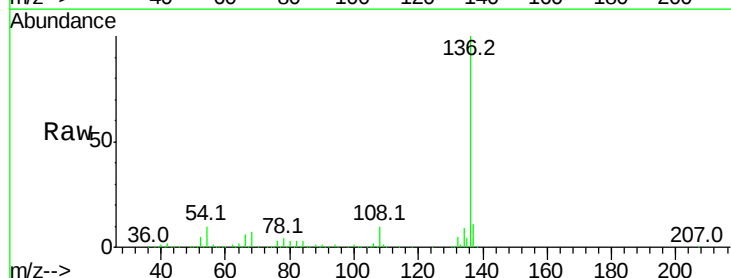
Delta R.T. -0.02 min

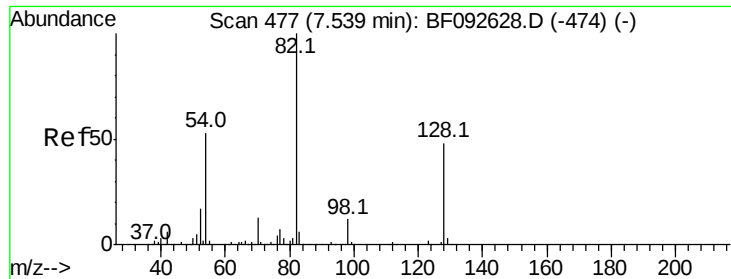
Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

Tgt Ion: 136 Resp: 573128

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.3	4.5	6.7#
68	7.3	3.6	5.4#

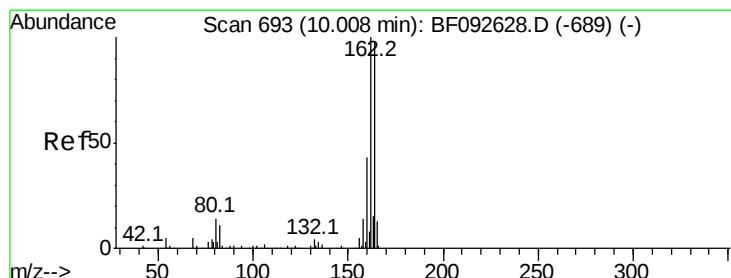
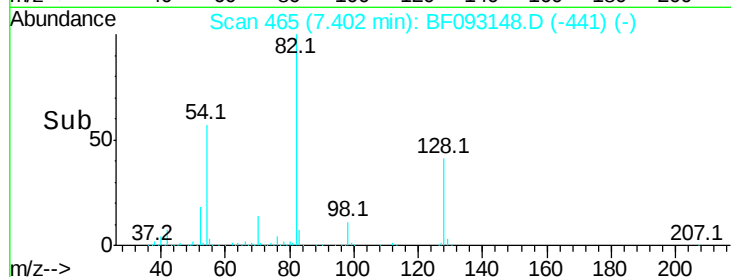
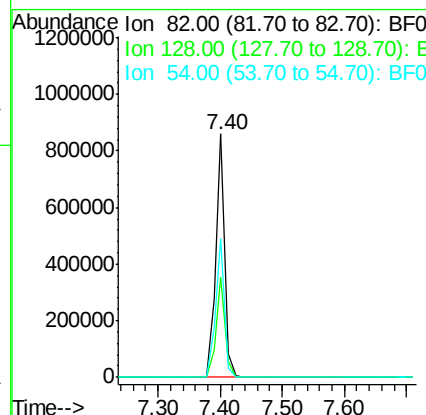
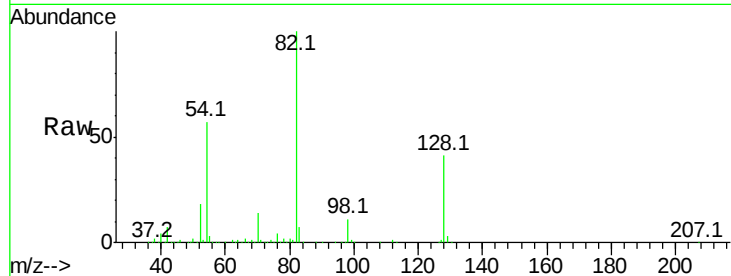




#23
 Nitrobenzene-d5
 Concen: 82.89 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

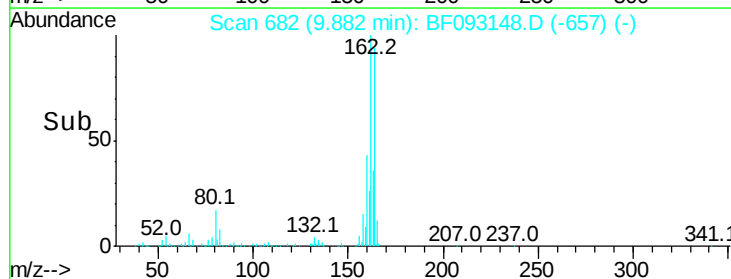
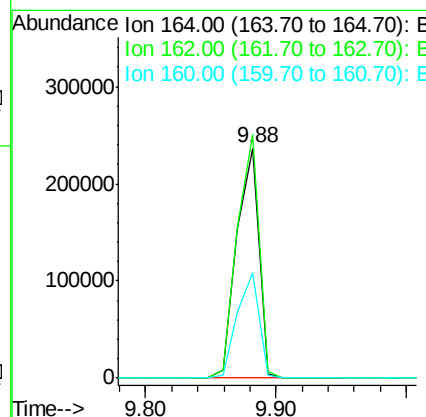
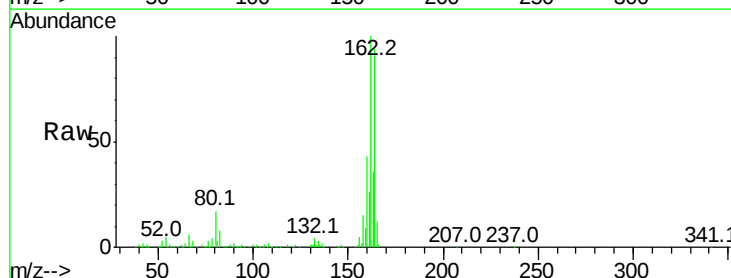
Instrument :
 BNA_F
 ClientSampleId :
 PB97158BL

Tot Ion: 82 Resp: 853113
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 56.9 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Tgt Ion: 164 Resp: 276352
 Ion Ratio Lower Upper
 164 100
 162 105.9 80.2 120.2
 160 46.0 36.9 55.3

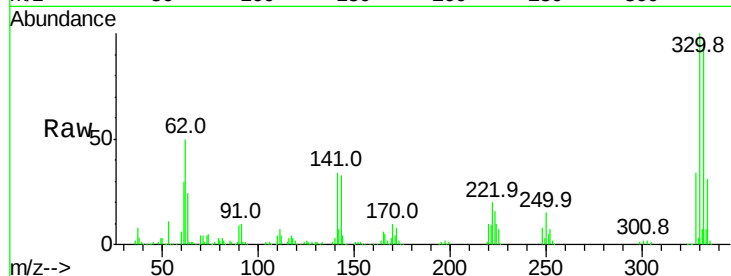




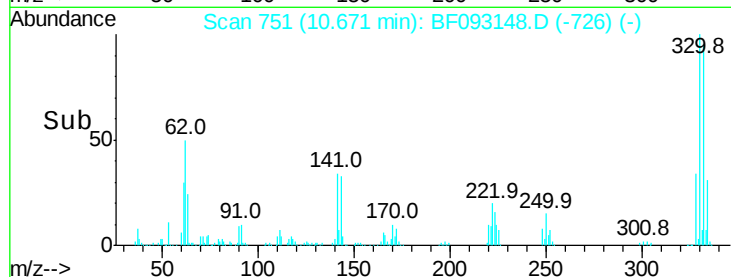
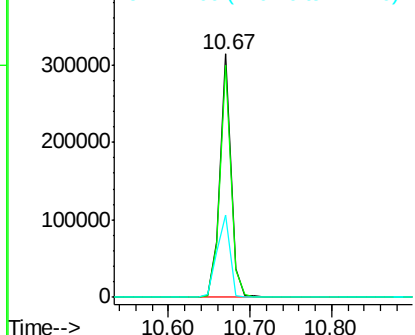
#41
 2,4,6-Tribromophenol
 Concen: 149.03 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BL

Tot Ion:330 Resp: 297875
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 40.0 34.1 51.1

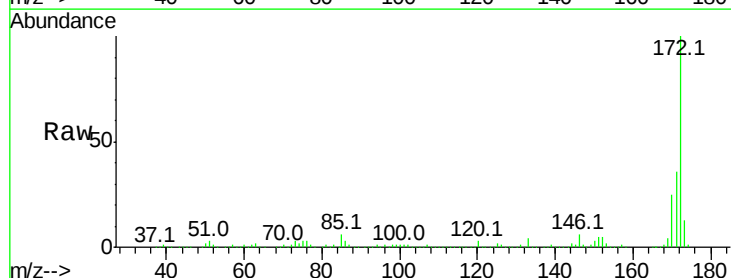


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

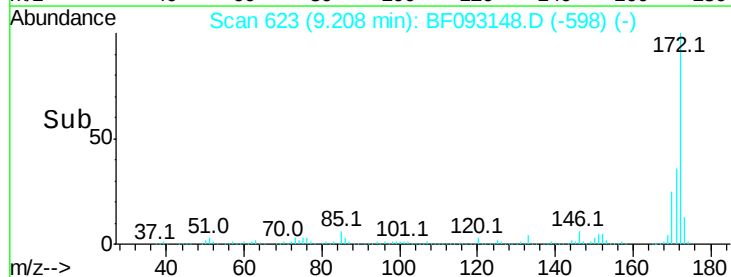
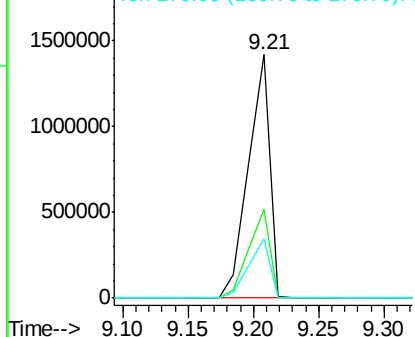


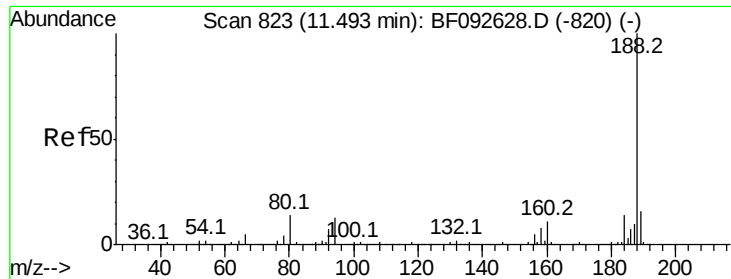
#44
 2-Fluorobiphenyl
 Concen: 106.54 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093148.D
 Acq: 24 Feb 2017 16:51

Tgt Ion:172 Resp: 1625213
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.6 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

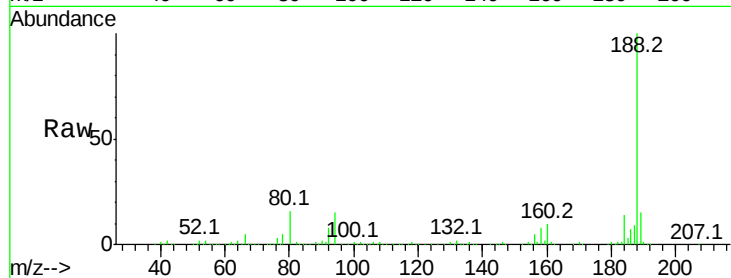




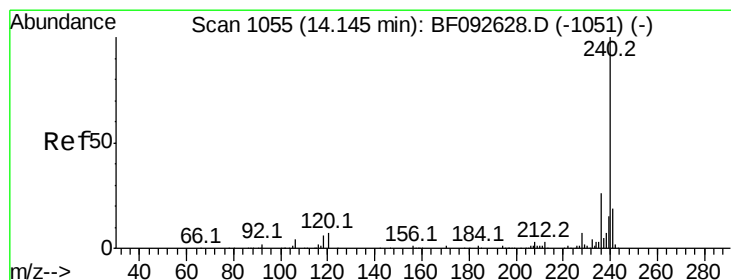
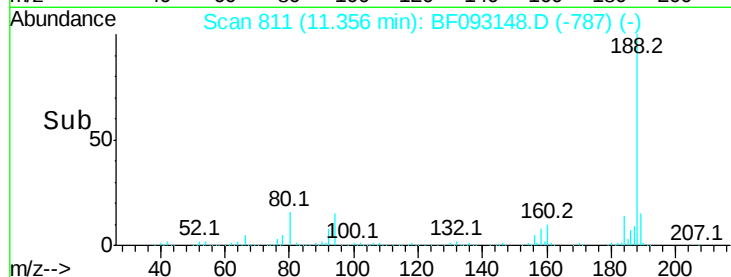
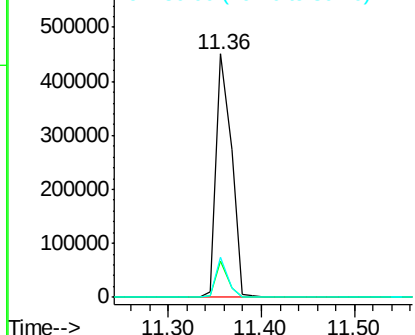
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093148.D
Acq: 24 Feb 2017 16:51

Instrument :
BNA_F
ClientSampleId :
PB97158BL

Tot Ion:188 Resp: 514494
Ion Ratio Lower Upper
188 100
94 14.9 10.0 15.0
80 16.4 11.2 16.8

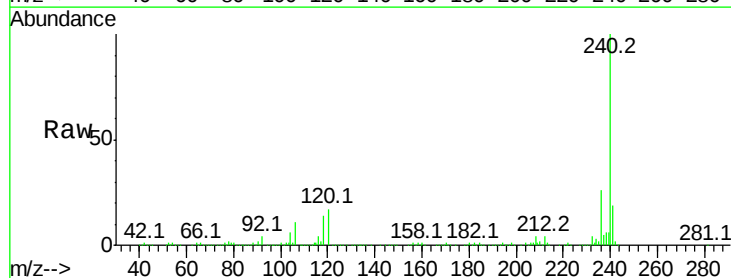


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

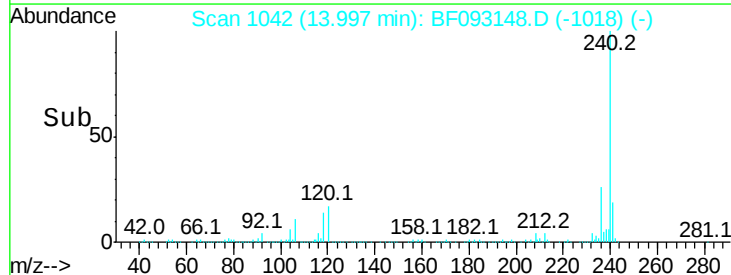
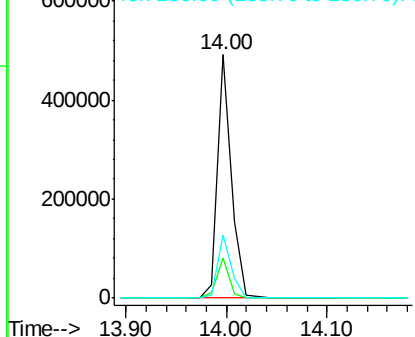


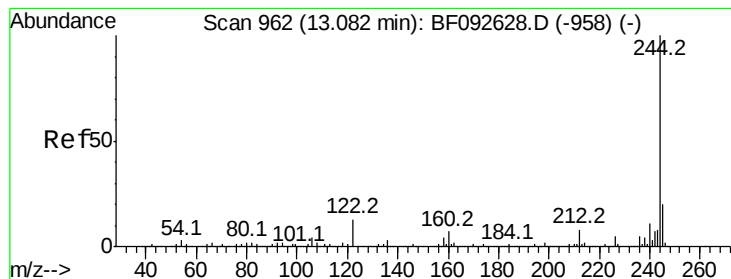
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093148.D
Acq: 24 Feb 2017 16:51

Tgt Ion:240 Resp: 470848
Ion Ratio Lower Upper
240 100
120 16.6 12.9 19.3
236 26.1 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: 77.50 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97158BL

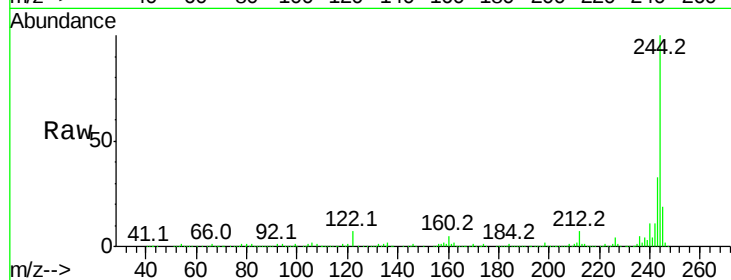
Tot Ion:244 Resp: 1553115

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

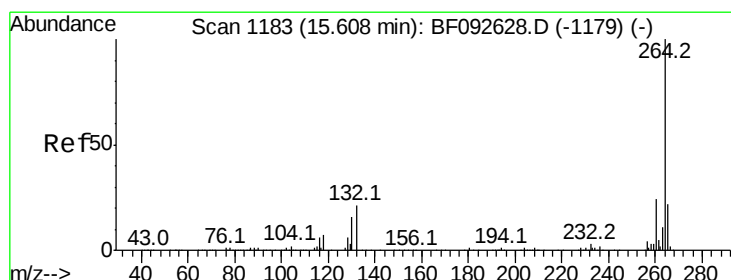
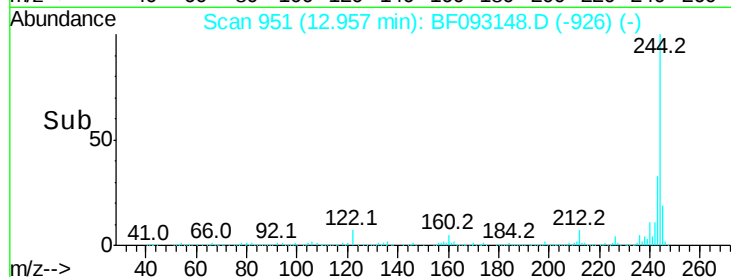
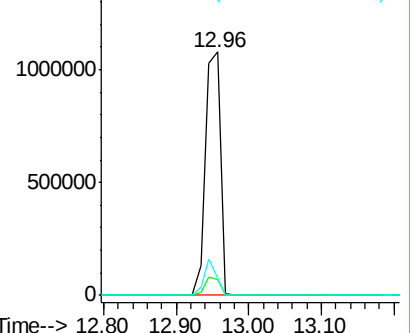
122 6.8 11.4 17.2#



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: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093148.D

Acq: 24 Feb 2017 16:51

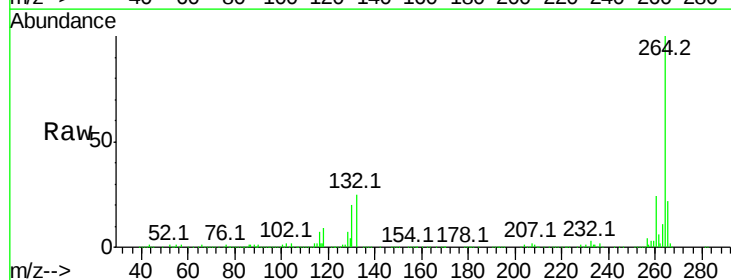
Tgt Ion:264 Resp: 395203

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.9 17.4 26.0



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

