

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094564.D
 Acq On : 21 Apr 2017 16:00
 Operator : SJ/MA
 Sample : PB98392BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BL

Quant Time: Apr 22 00:06:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	103337	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	415408	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	203639	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	392508	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	345445	20.00	ng	-0.02
86) Perylene-d12	16.08	264	250139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	795401	127.70	ng	0.00
7) Phenol-d6	5.39	99	939004	127.88	ng	0.00
23) Nitrobenzene-d5	6.41	82	580061	86.22	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	223960	140.60	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	1185932	85.69	ng	0.00
78) Terphenyl-d14	13.19	244	1169032	90.46	ng	0.00

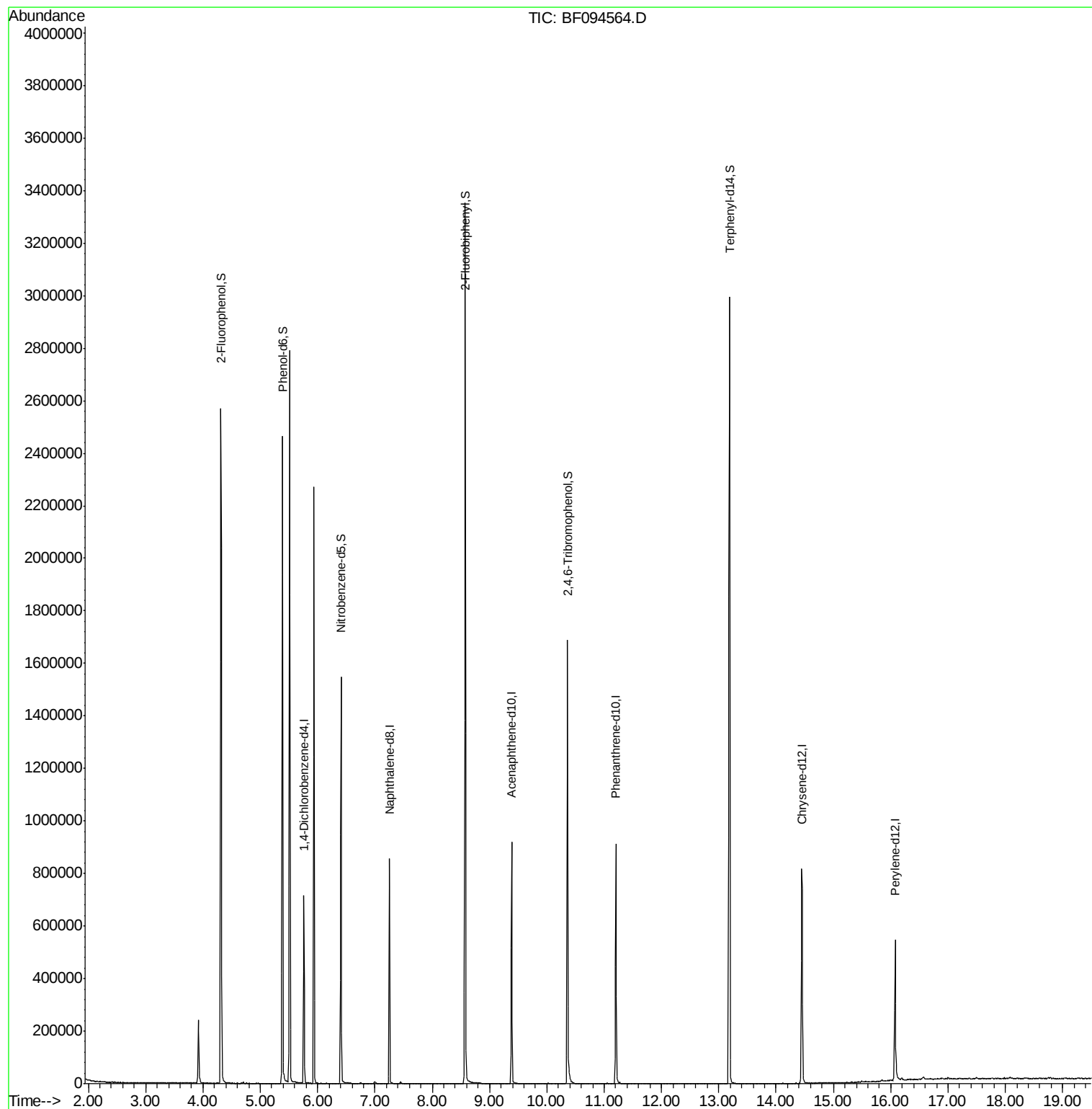
Target Compounds Qvalue

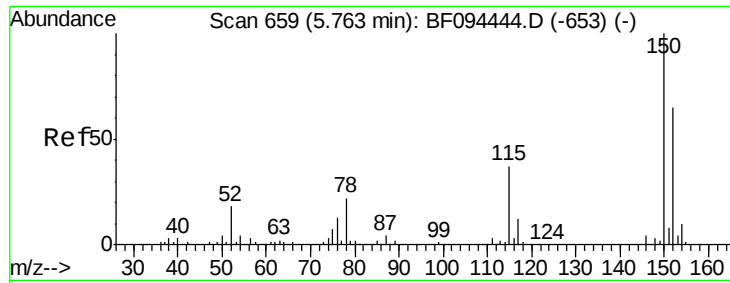
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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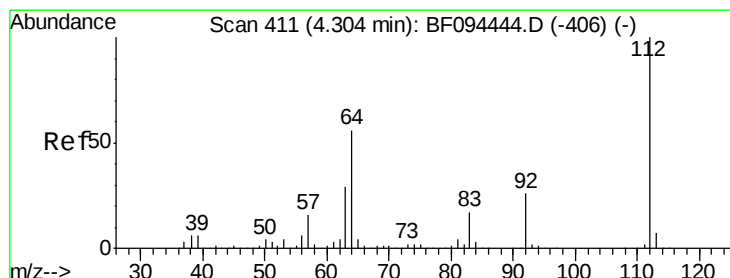
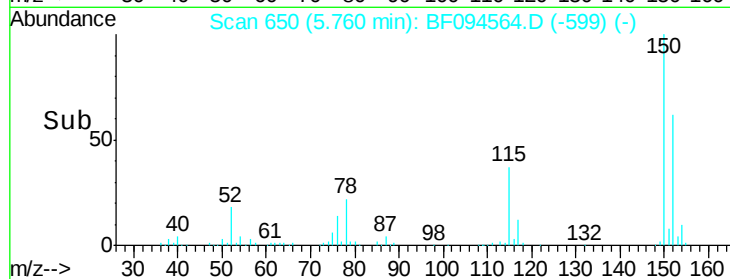
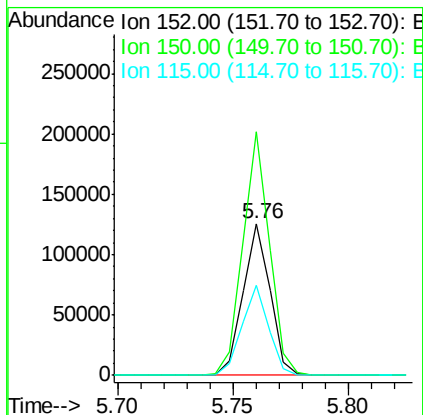
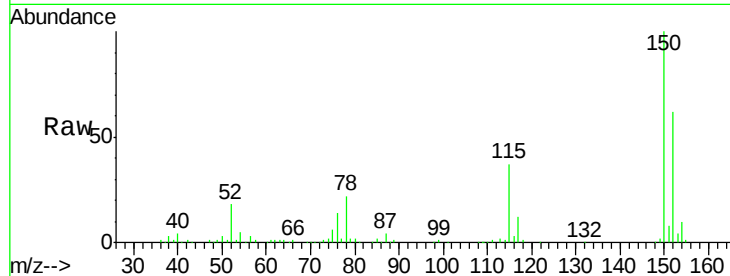


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094564.D
Acq: 21 Apr 2017 16:00

Instrument :
BNA_F
ClientSampled :
PB98392BL

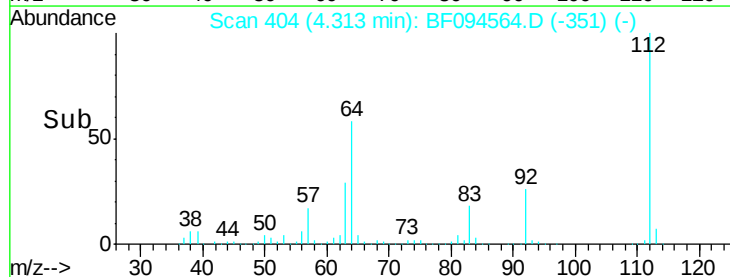
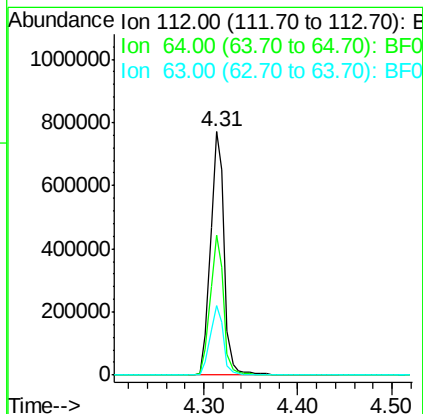
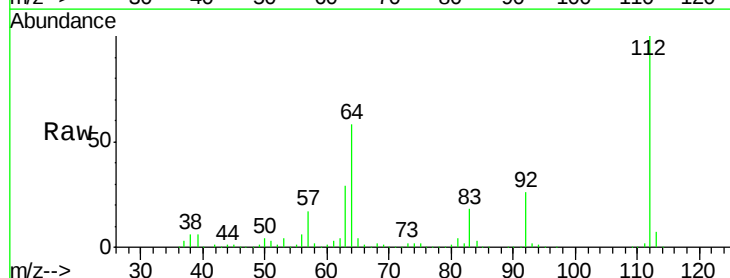
Tot Ion:152 Resp: 103337
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 59.7 52.2 78.2

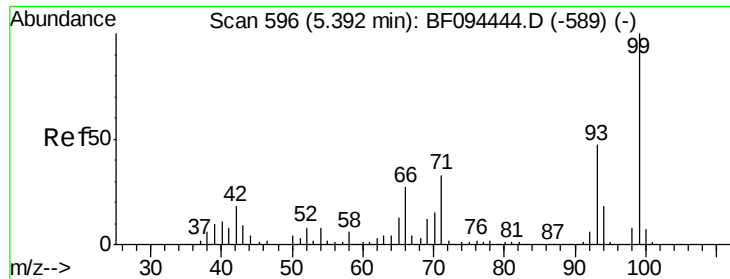


#5

2-Fluorophenol
Concen: 127.70 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094564.D
Acq: 21 Apr 2017 16:00

Tgt Ion:112 Resp: 795401
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 28.8 23.4 35.0





#7

Phenol-d6

Concen: 127.88 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094564.D

Acq: 21 Apr 2017 16:00

Instrument :

BNA_F

ClientSampleId :

PB98392BL

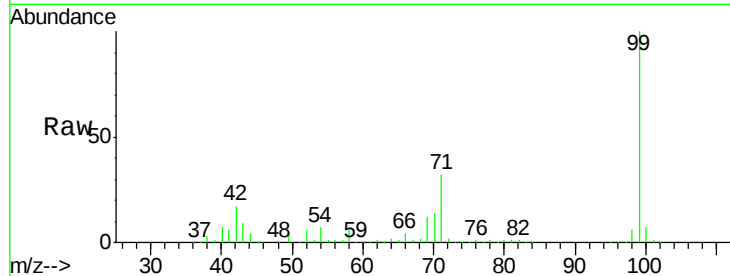
Tot Ion: 99 Resp: 939004

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

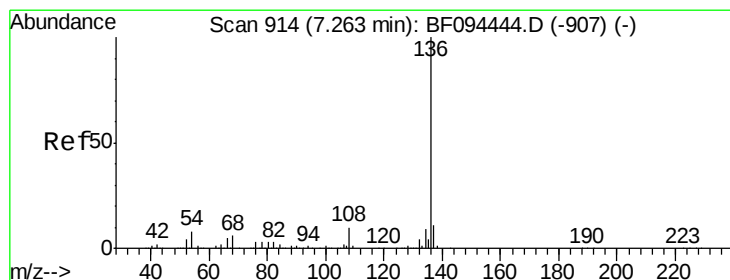
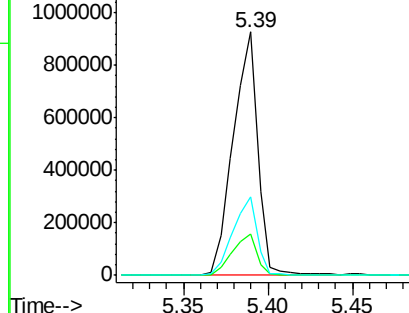
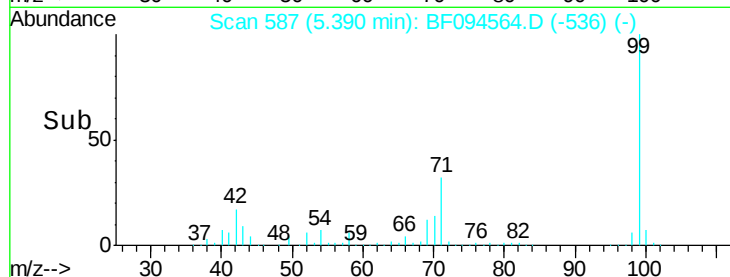
71 32.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094564.D

Acq: 21 Apr 2017 16:00

Tgt Ion: 136 Resp: 415408

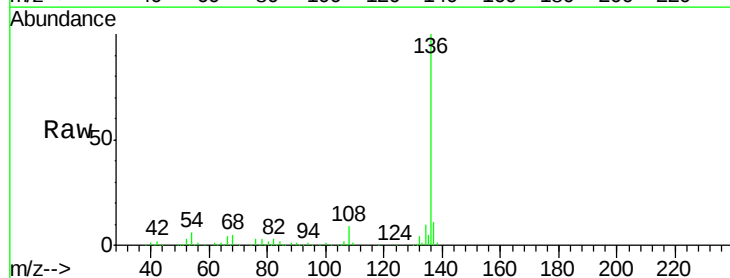
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

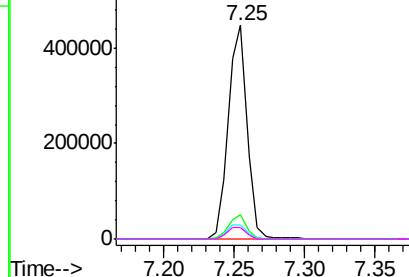
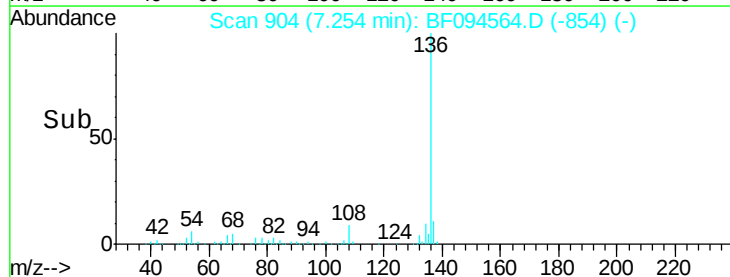


Abundance Ion 136.00 (135.70 to 136.70): E

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

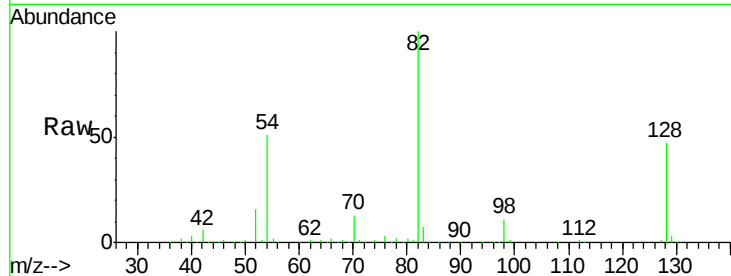




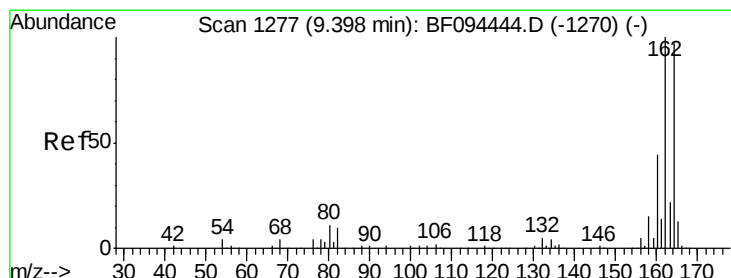
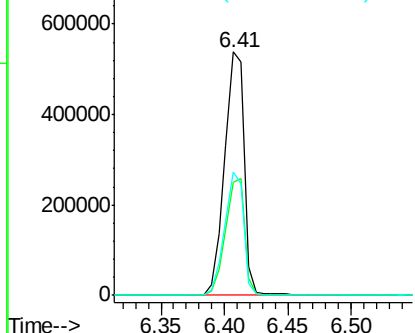
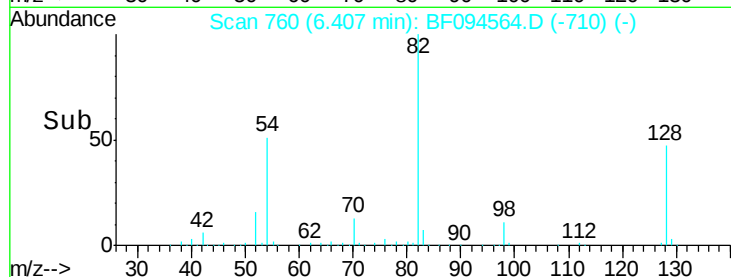
#23
 Nitrobenzene-d5
 Concen: 86.22 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094564.D
 Acq: 21 Apr 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BL

Tot Ion	82	Resp	580061
Ion Ratio	Lower	Upper	
82	100		
128	46.6	34.0	51.0
54	50.7	42.2	63.2

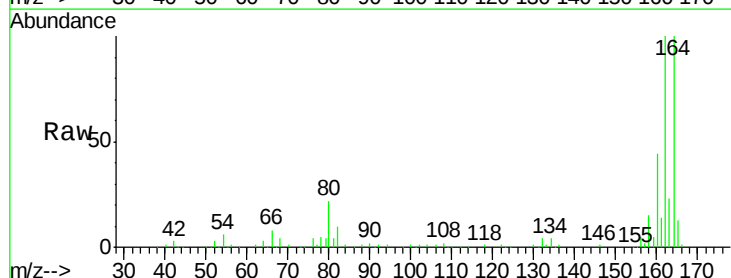


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

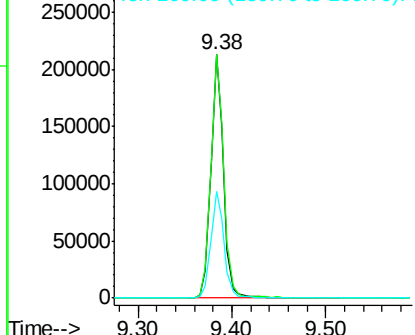
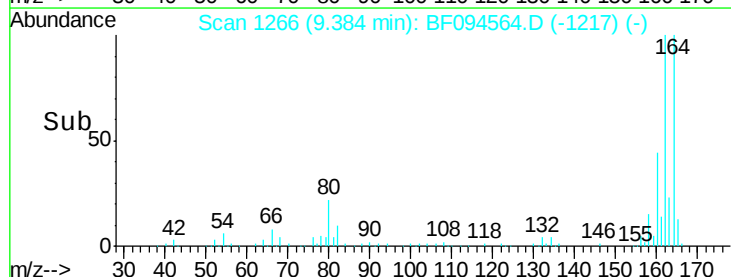


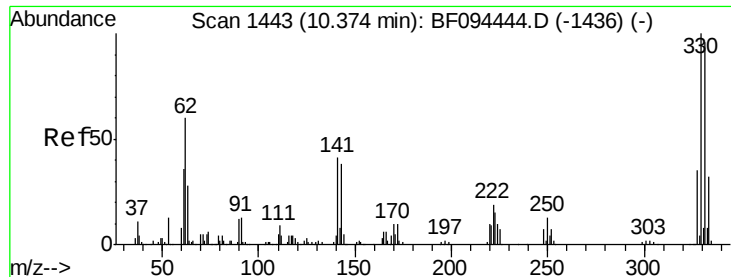
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094564.D
 Acq: 21 Apr 2017 16:00

Tgt Ion	164	Resp	203639
Ion Ratio	Lower	Upper	
164	100		
162	100.1	82.6	123.8
160	43.7	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

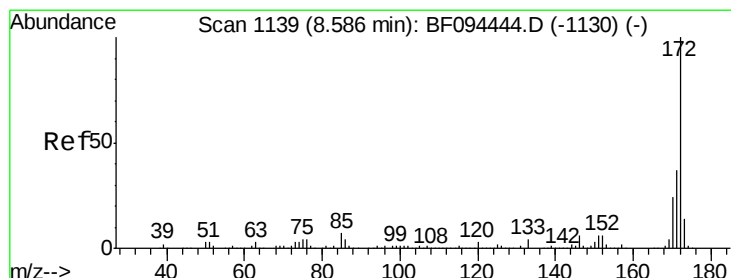
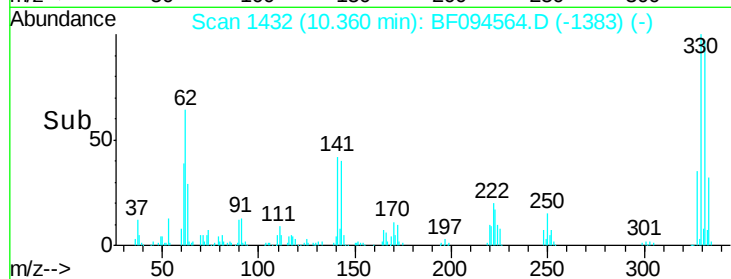
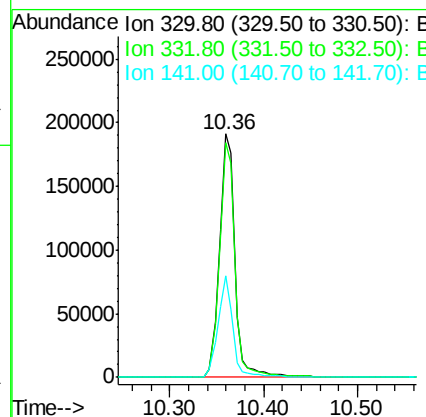
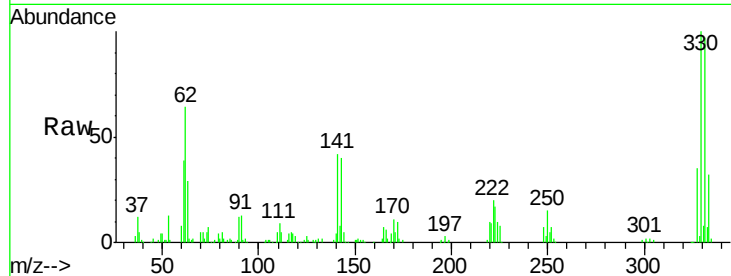




#41
 2,4,6-Tribromophenol
 Concen: 140.60 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094564.D
 Acq: 21 Apr 2017 16:00

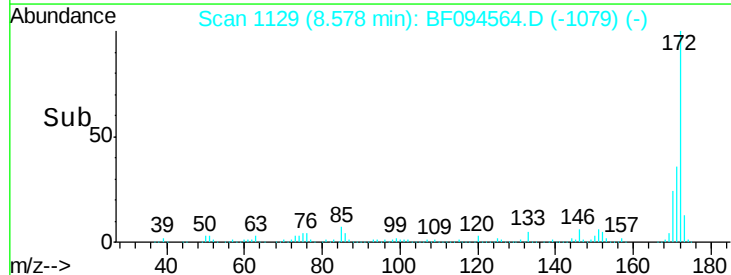
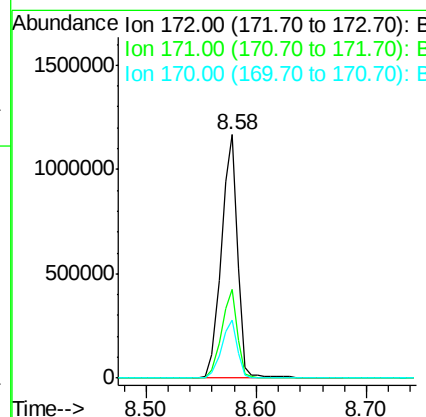
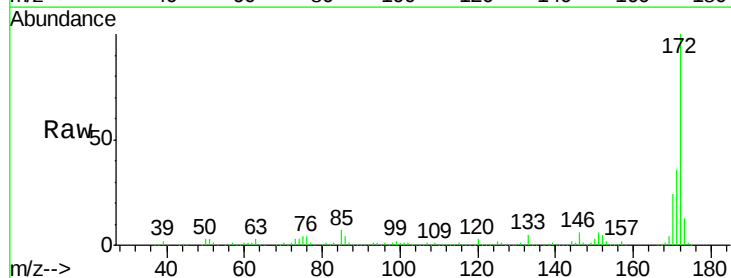
Instrument :
 BNA_F
 ClientSampleId :
 PB98392BL

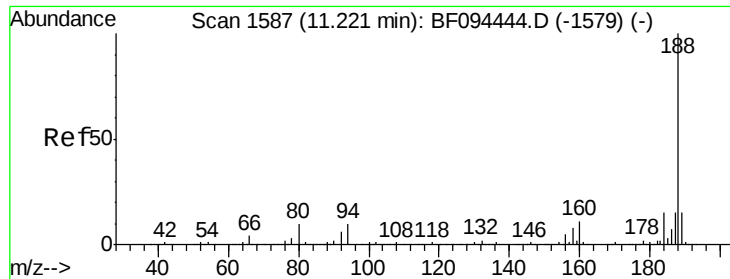
Tot Ion:330 Resp: 223960
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 85.69 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094564.D
 Acq: 21 Apr 2017 16:00

Tgt Ion:172 Resp: 1185932
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 19.8 29.8

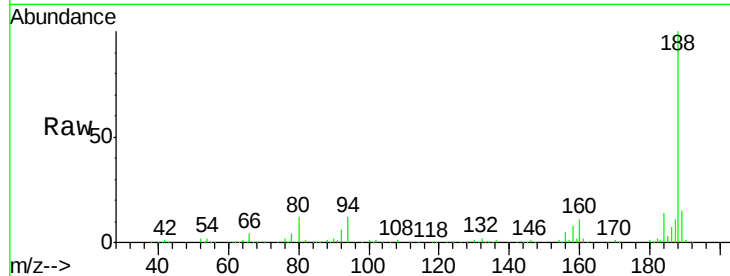




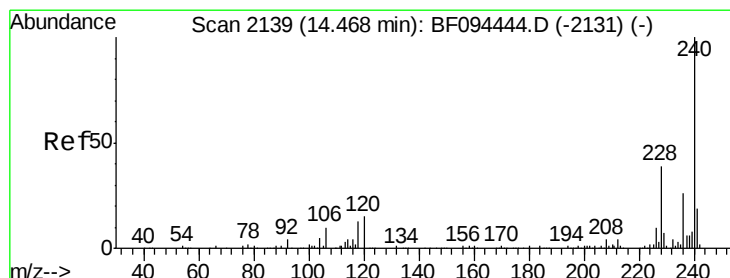
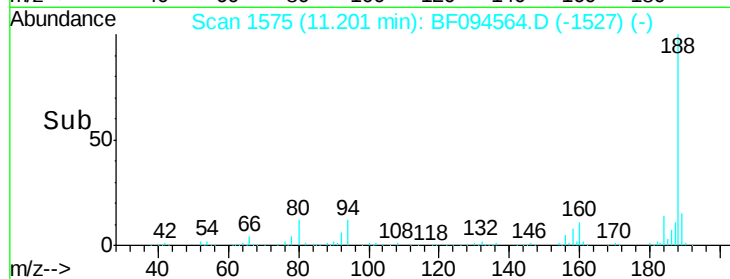
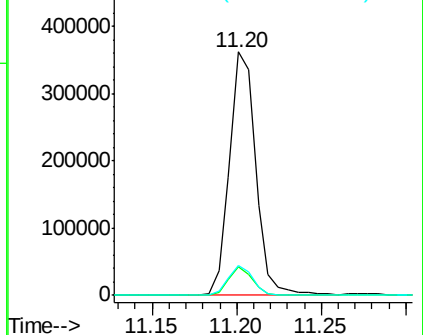
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094564.D
Acq: 21 Apr 2017 16:00

Instrument :
BNA_F
ClientSampleId :
PB98392BL

Tot Ion:188 Resp: 392508
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 12.4 10.2 15.2

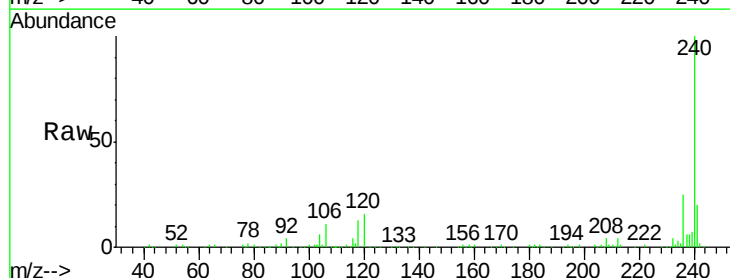


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

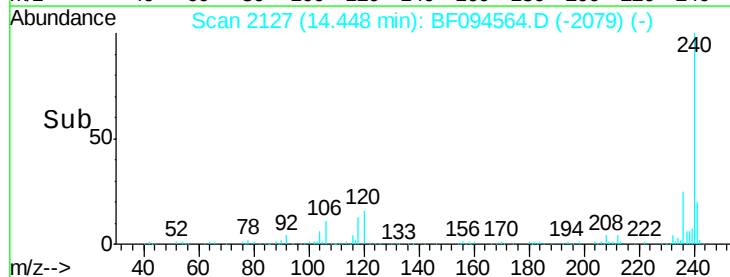
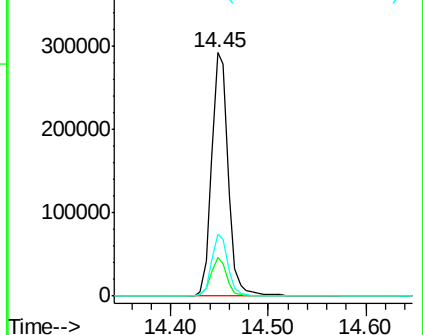


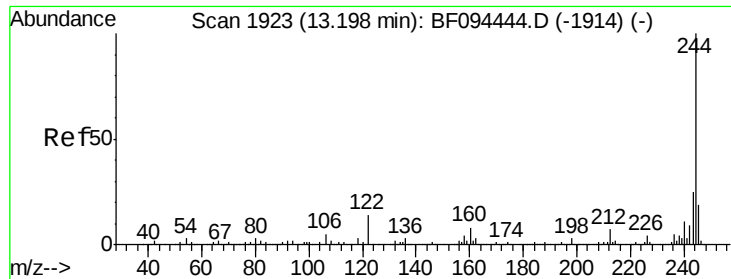
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094564.D
Acq: 21 Apr 2017 16:00

Tgt Ion:240 Resp: 345445
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.3 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

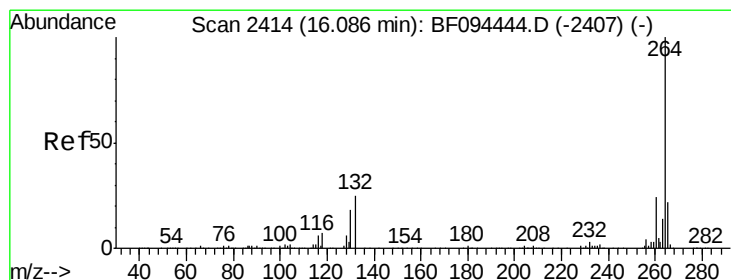
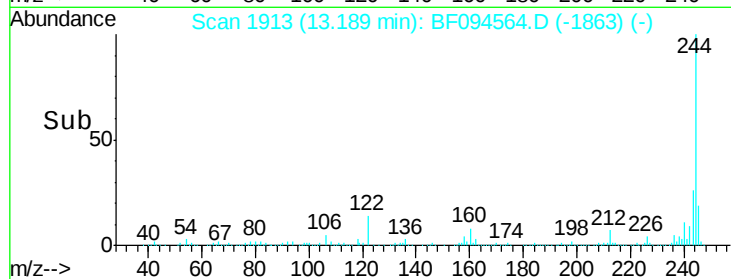
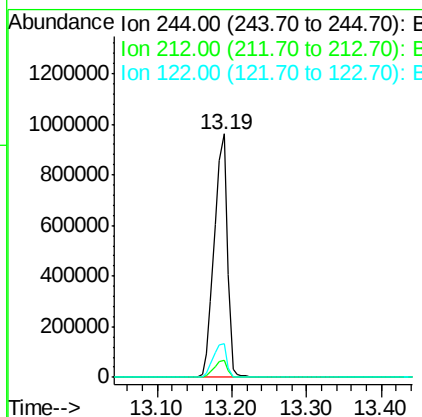
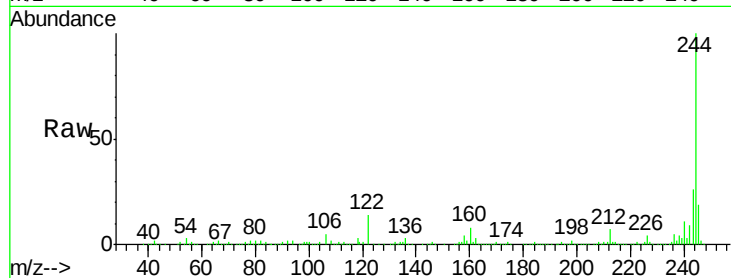




#78
 Terphenyl-d14
 Concen: 90.46 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094564.D
 Acq: 21 Apr 2017 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98392BL

Tot Ion:244 Resp: 1169032
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094564.D
 Acq: 21 Apr 2017 16:00

Tgt Ion:264 Resp: 250139
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.6 17.2 25.8

