

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094643.D
 Acq On : 26 Apr 2017 13:37
 Operator : SJ/MA
 Sample : PB98452TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98452TB

Quant Time: Apr 27 02:42:02 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	5.75	152	123126	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	498774	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	236857	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	484101	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	426034	20.00	ng	-0.01
86) Perylene-d12	16.08	264	337890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	991620	133.62	ng	0.00
7) Phenol-d6	5.38	99	1195626	136.66	ng	0.00
23) Nitrobenzene-d5	6.41	82	733167	90.77	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	227774	122.94	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1382110	85.86	ng	-0.01
78) Terphenyl-d14	13.19	244	1414398	88.74	ng	0.00

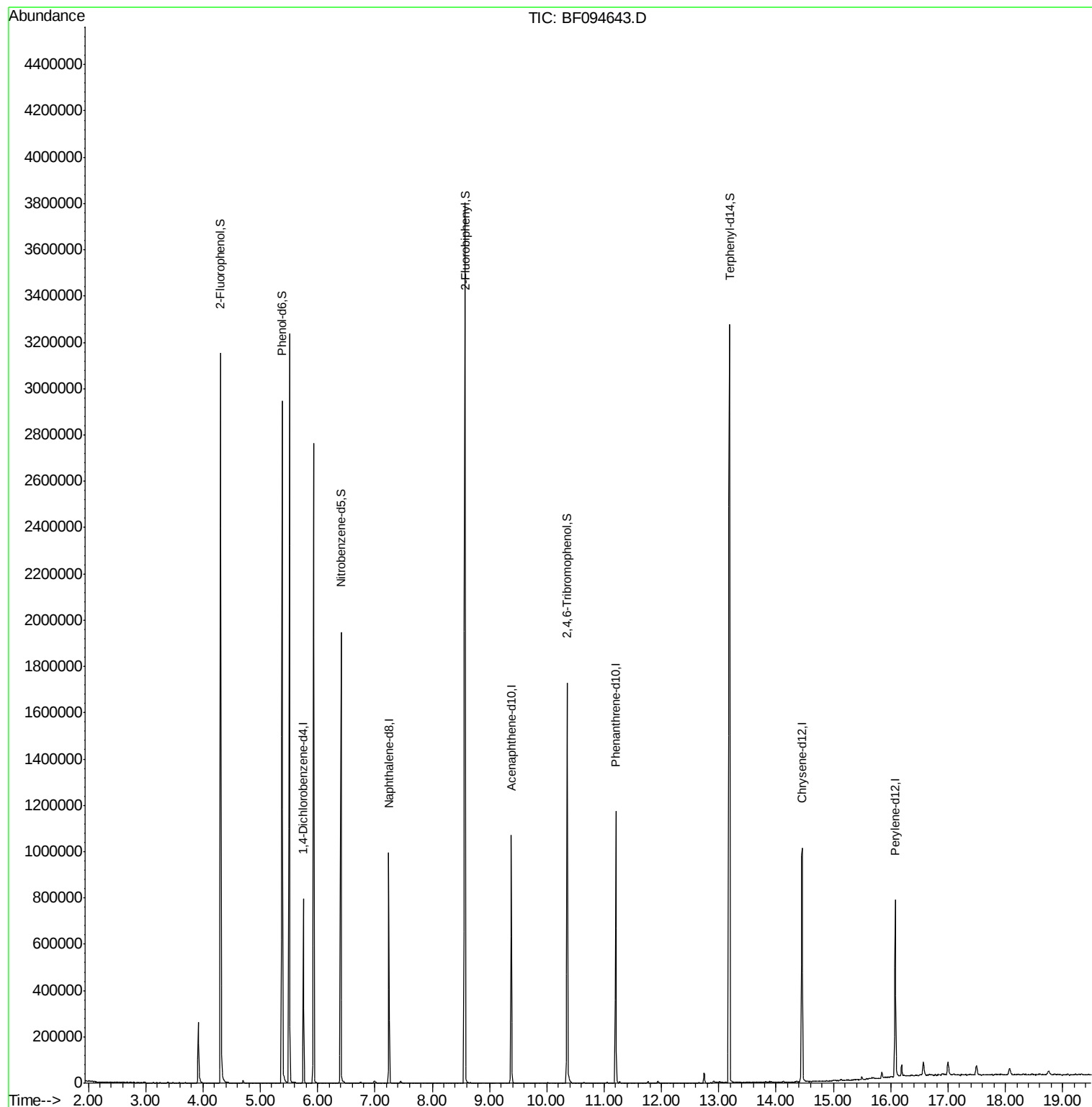
Target Compounds Qvalue

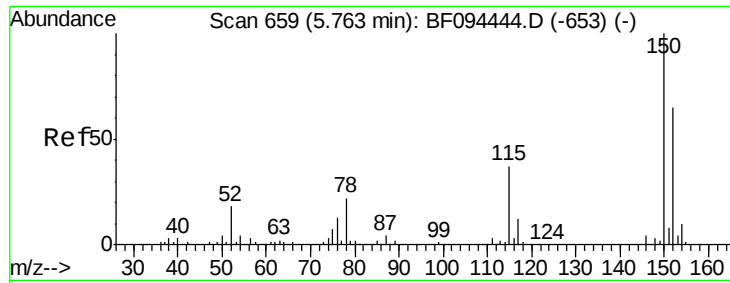
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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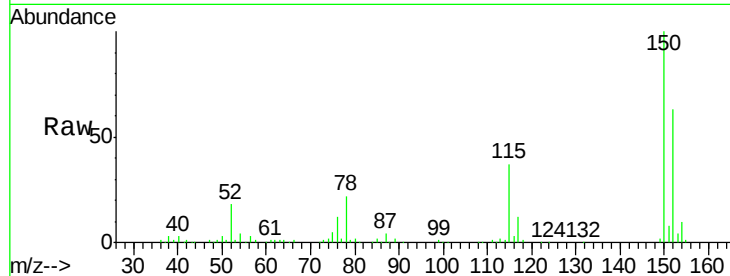


#1

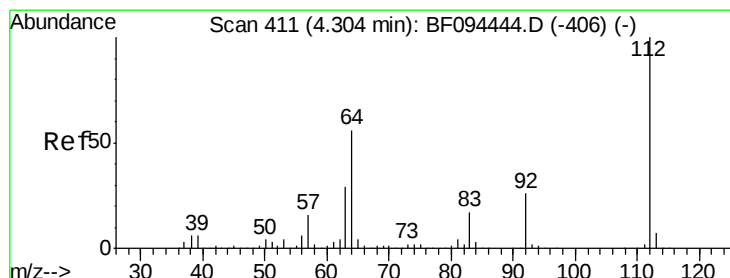
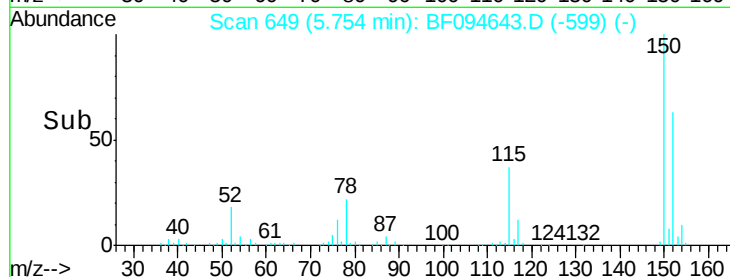
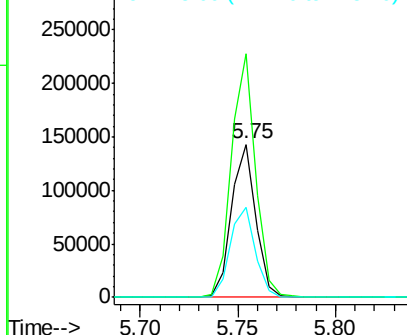
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094643.D
Acq: 26 Apr 2017 13:37

Instrument :
BNA_F
ClientSampleId :
PB98452TB

Tot Ion:152 Resp: 123126
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 59.2 52.2 78.2



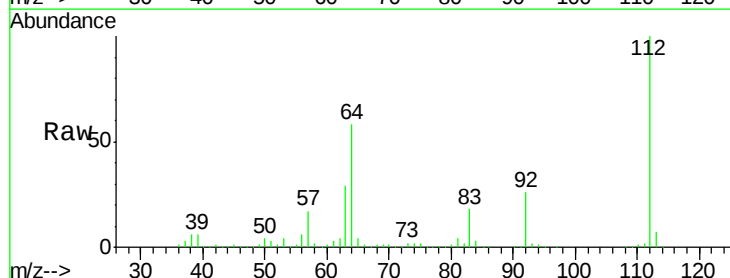
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



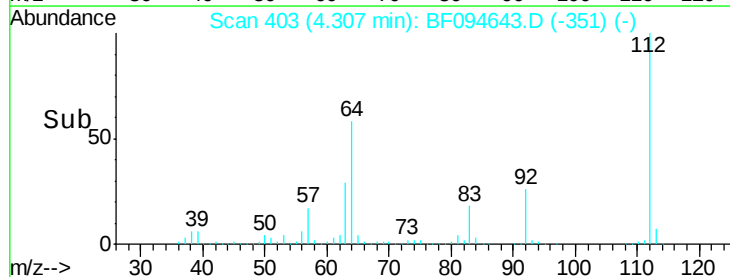
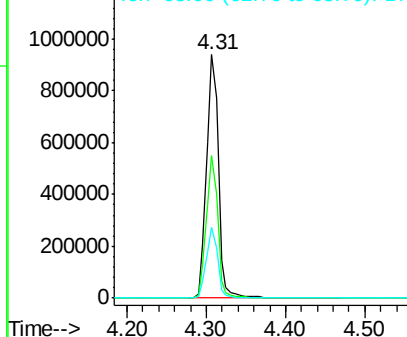
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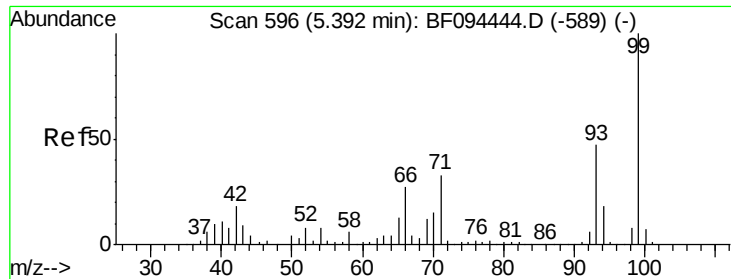
2-Fluorophenol
Concen: 133.62 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094643.D
Acq: 26 Apr 2017 13:37

Tgt Ion:112 Resp: 991620
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 28.9 23.4 35.0



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: 136.66 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094643.D

Acq: 26 Apr 2017 13:37

Instrument :

BNA_F

ClientSampleId :

PB98452TB

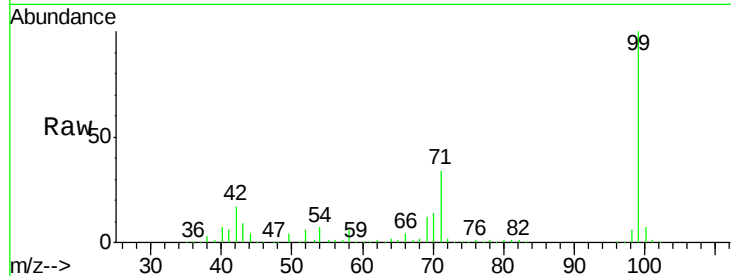
Tot Ion: 99 Resp: 1195626

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

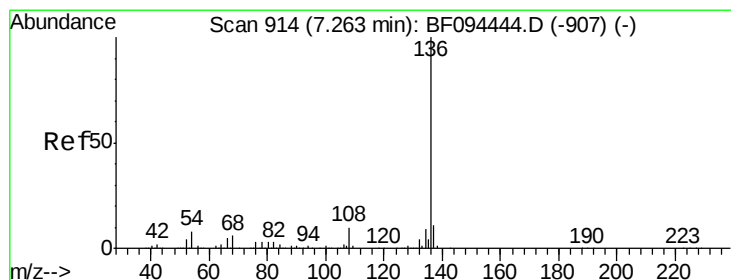
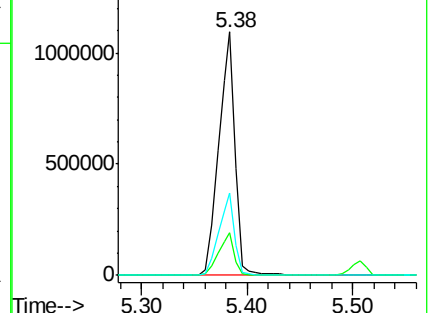
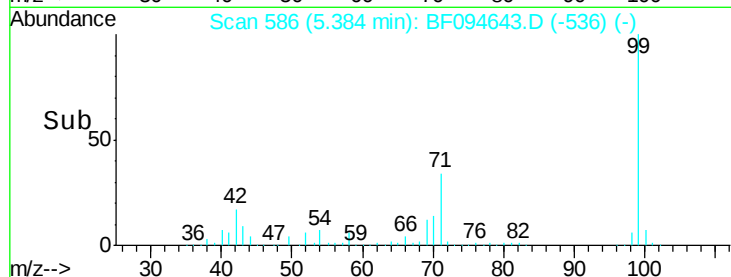
71 33.8 24.5 36.7



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: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094643.D

Acq: 26 Apr 2017 13:37

Tgt Ion: 136 Resp: 498774

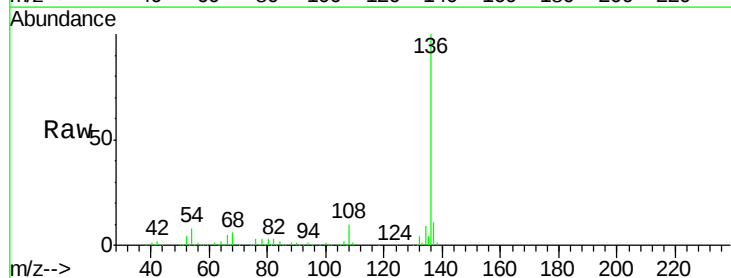
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.8 4.9 7.3#

68 5.7 4.1 6.1

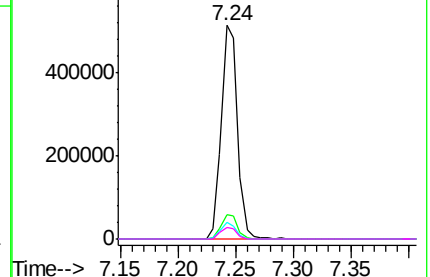
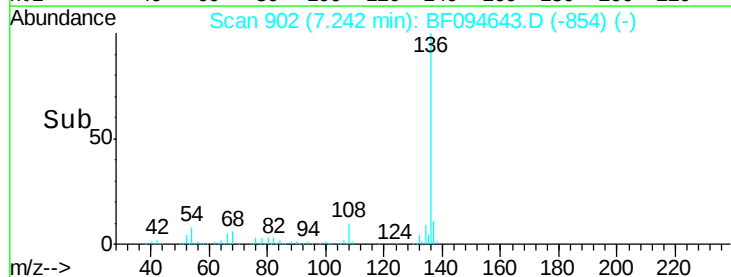


Abundance Ion 136.00 (135.70 to 136.70): E

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

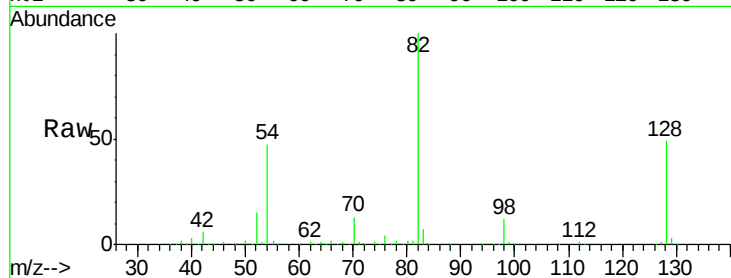




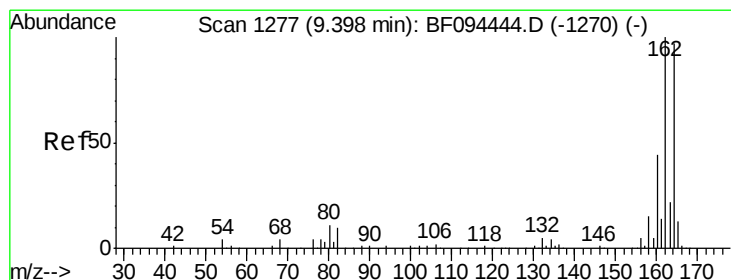
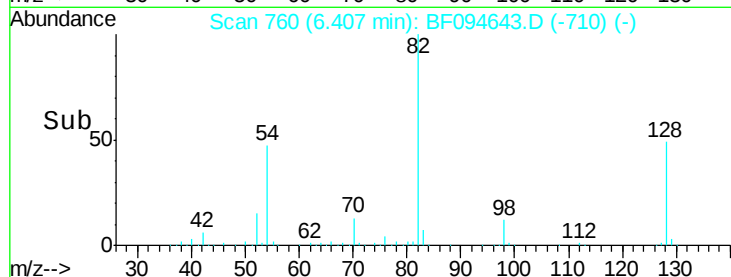
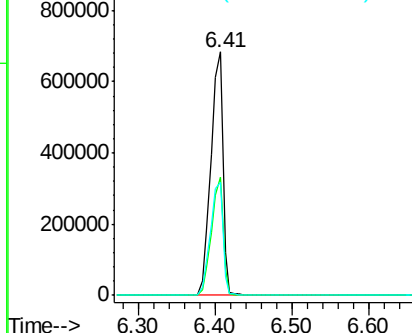
#23
 Nitrobenzene-d5
 Concen: 90.77 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094643.D
 Acq: 26 Apr 2017 13:37

Instrument :
 BNA_F
 ClientSampleID :
 PB98452TB

Tot Ion	82	Resp	733167
Ion Ratio	100	Lower	Upper
128	48.5	34.0	51.0
54	46.6	42.2	63.2

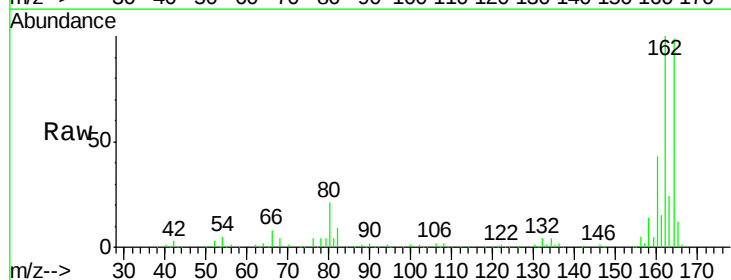


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

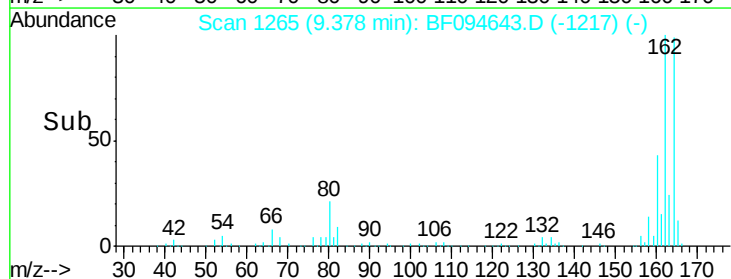
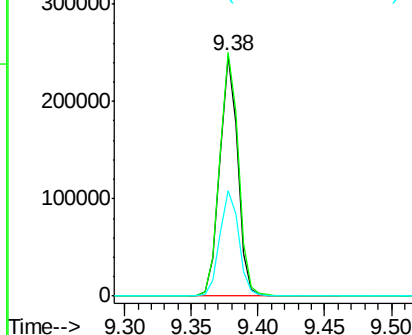


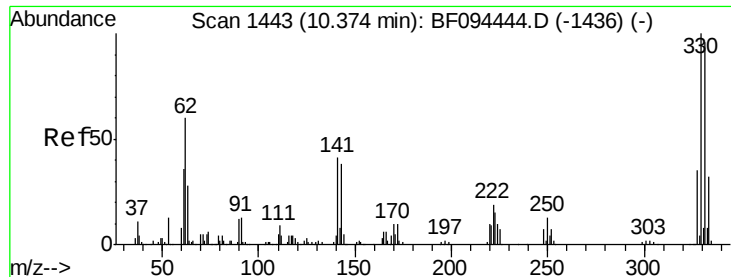
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094643.D
 Acq: 26 Apr 2017 13:37

Tgt Ion	164	Resp	236857
Ion Ratio	100	Lower	Upper
162	101.3	82.6	123.8
160	44.0	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

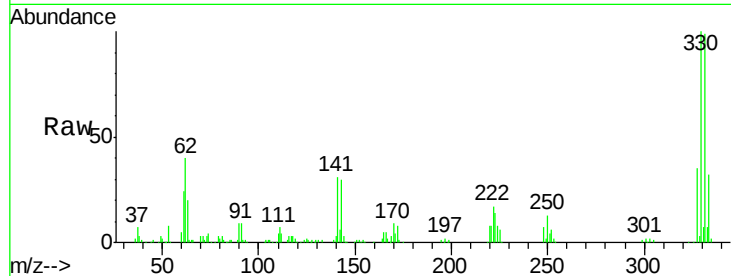




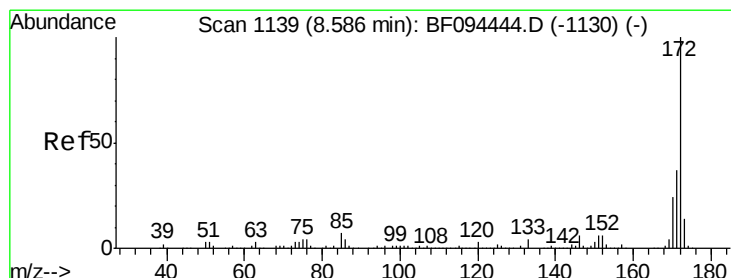
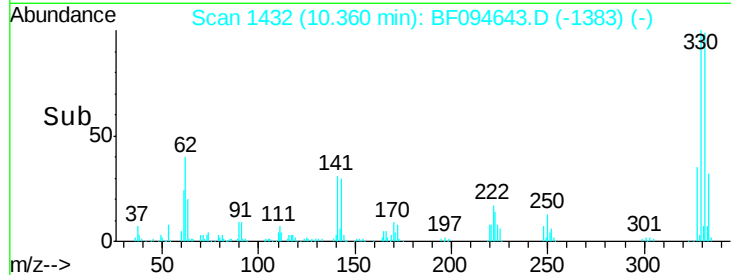
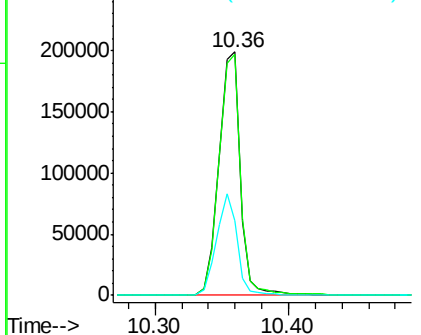
#41
 2,4,6-Tribromophenol
 Concen: 122.94 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094643.D
 Acq: 26 Apr 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98452TB

Tot Ion:330 Resp: 227774
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.6 115.0
 141 40.0 31.4 47.2

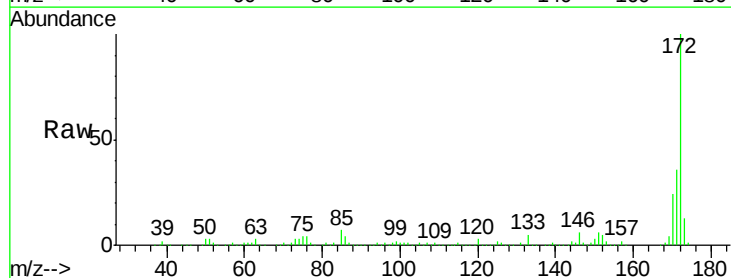


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

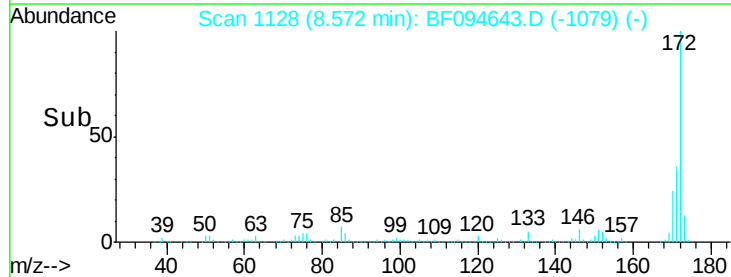
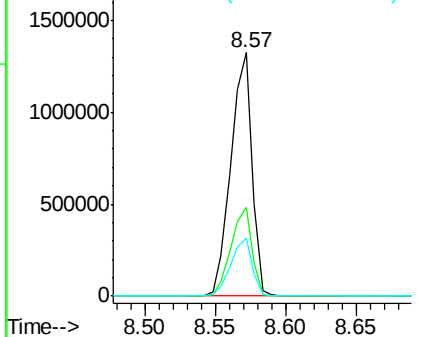


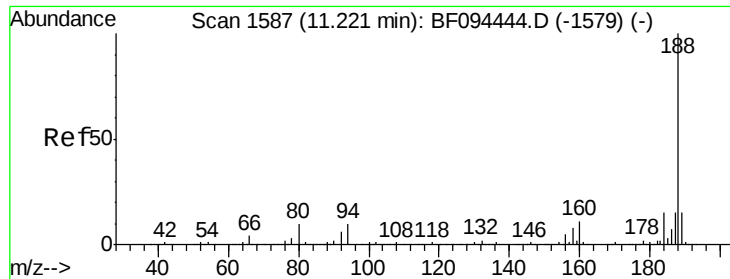
#44
 2-Fluorobiphenyl
 Concen: 85.86 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094643.D
 Acq: 26 Apr 2017 13:37

Tgt Ion:172 Resp: 1382110
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 19.8 29.8



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

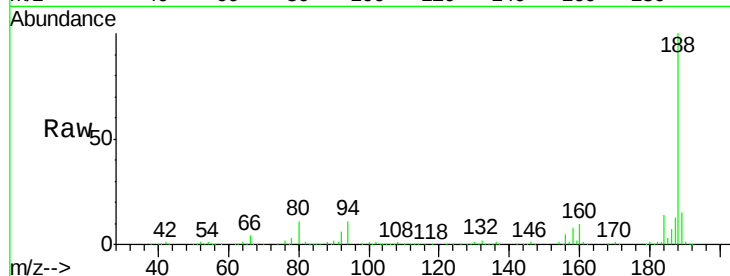




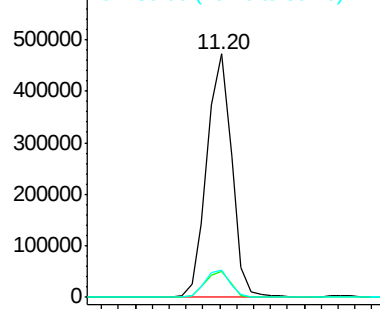
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094643.D
Acq: 26 Apr 2017 13:37

Instrument :
BNA_F
ClientSampleId :
PB98452TB

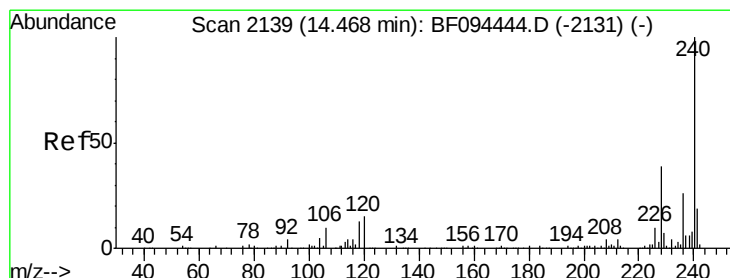
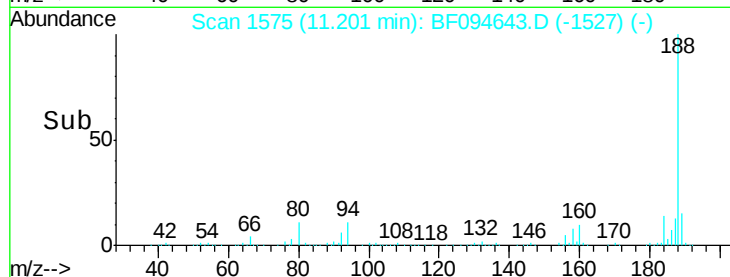
Tot Ion:188 Resp: 484101
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.5 10.2 15.2



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

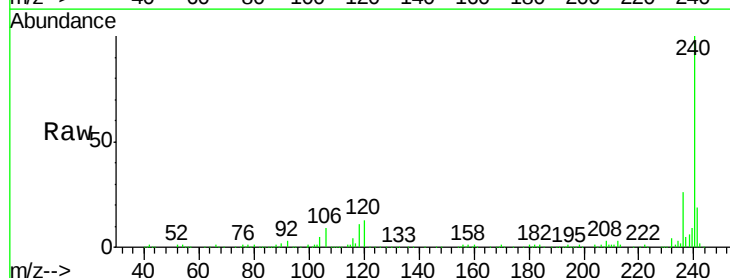


Time-->

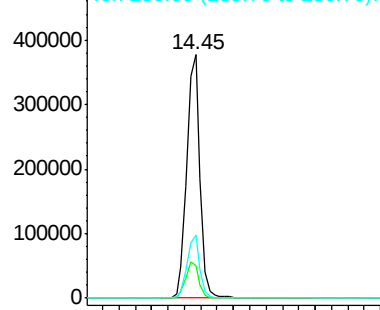


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094643.D
Acq: 26 Apr 2017 13:37

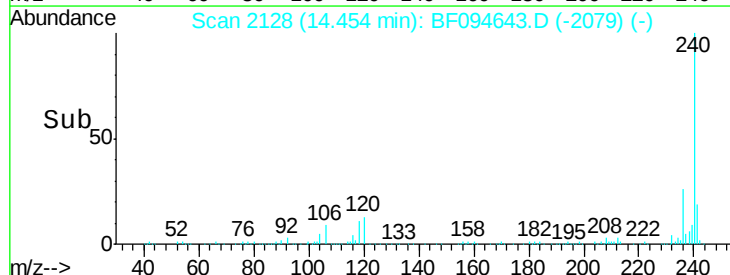
Tgt Ion:240 Resp: 426034
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 25.9 20.5 30.7

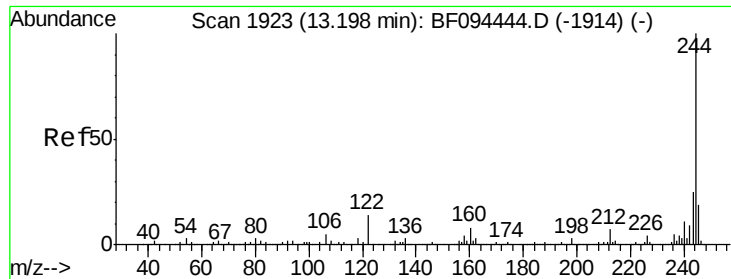


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

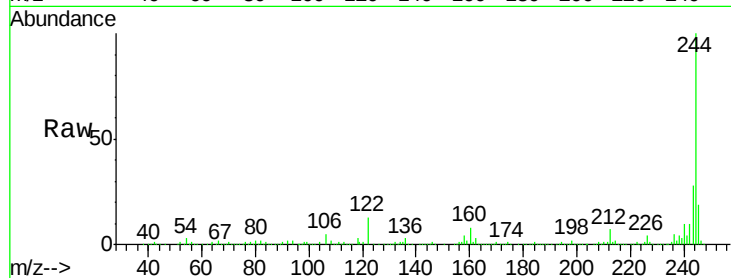




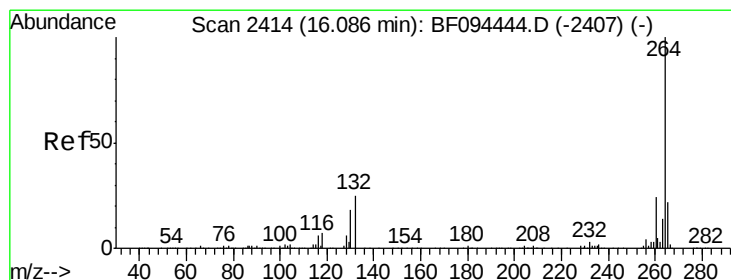
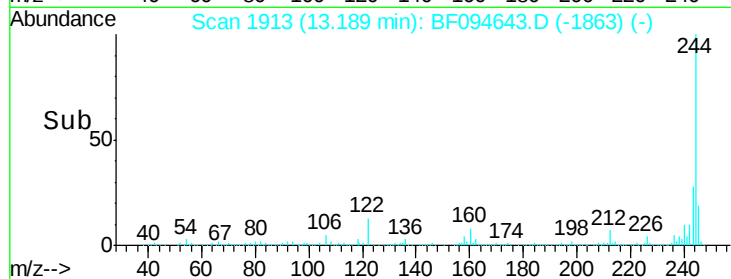
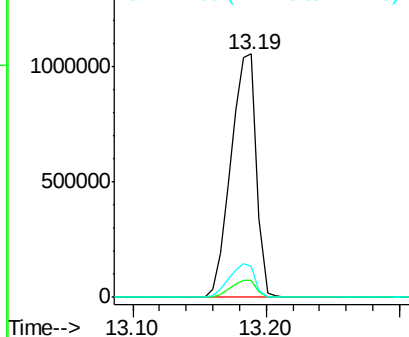
#78
 Terphenyl-d14
 Concen: 88.74 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094643.D
 Acq: 26 Apr 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98452TB

Tot Ion:244 Resp: 1414398
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.8 10.3 15.5

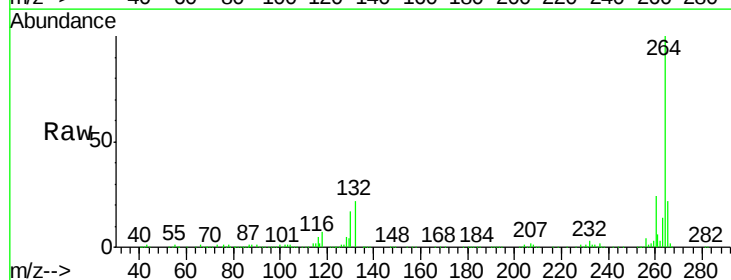


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094643.D
 Acq: 26 Apr 2017 13:37

Tgt Ion:264 Resp: 337890
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.7 17.2 25.8



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

