

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094642.D
 Acq On : 26 Apr 2017 13:10
 Operator : SJ/MA
 Sample : PB98452BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98452BL

Quant Time: Apr 27 02:35:52 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	126501	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	505901	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	234928	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	481764	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	439327	20.00	ng	-0.01
86) Perylene-d12	16.08	264	352138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	908114	119.10	ng	0.00
7) Phenol-d6	5.38	99	1102961	122.70	ng	0.00
23) Nitrobenzene-d5	6.40	82	674435	82.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	218486	118.90	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1288027	80.67	ng	-0.01
78) Terphenyl-d14	13.19	244	1353837	82.37	ng	0.00

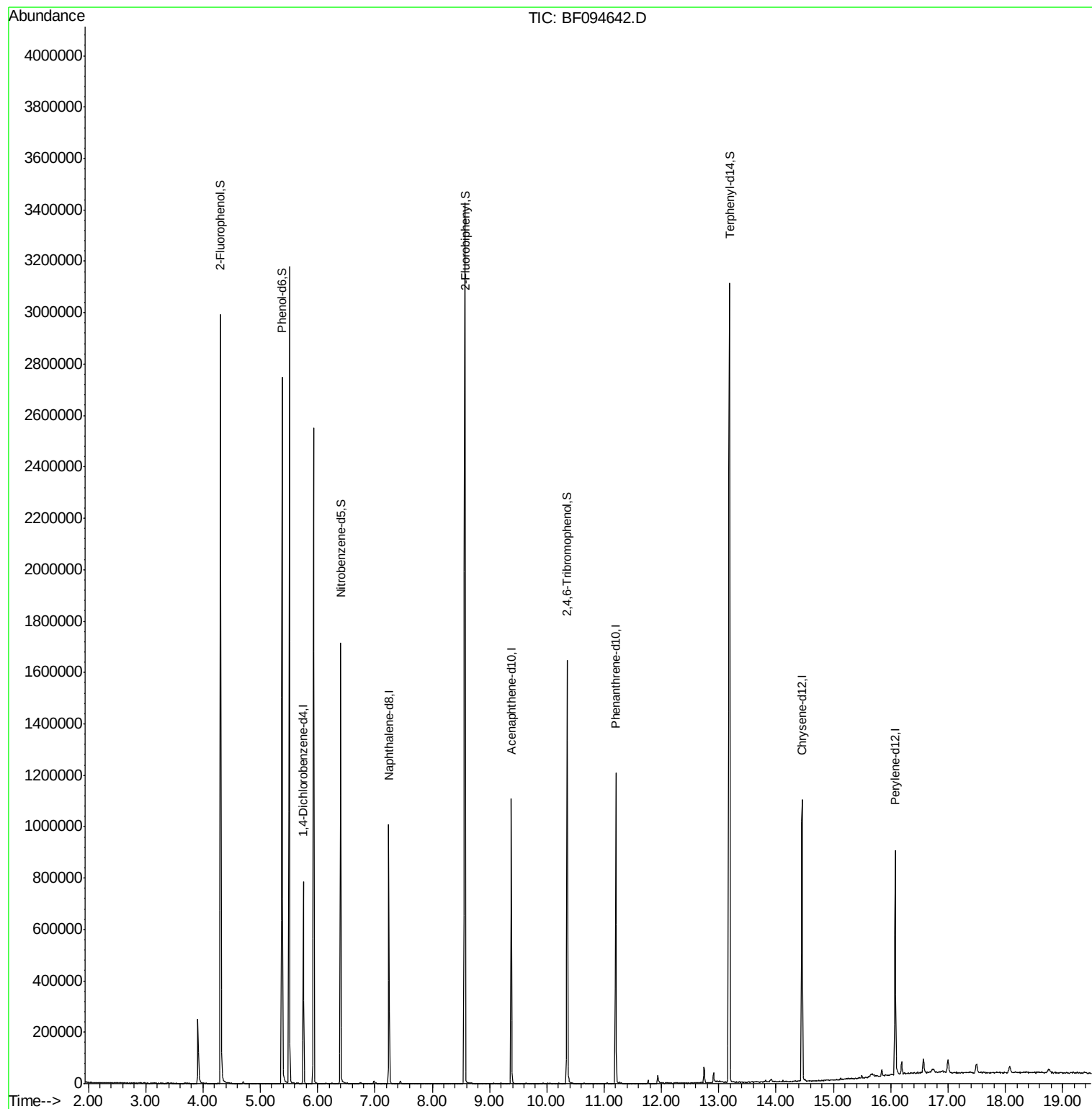
Target Compounds Qvalue

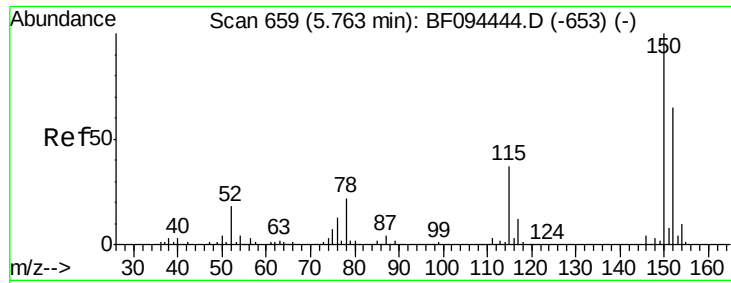
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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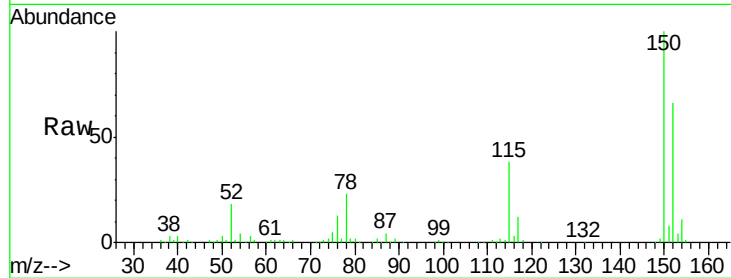


#1

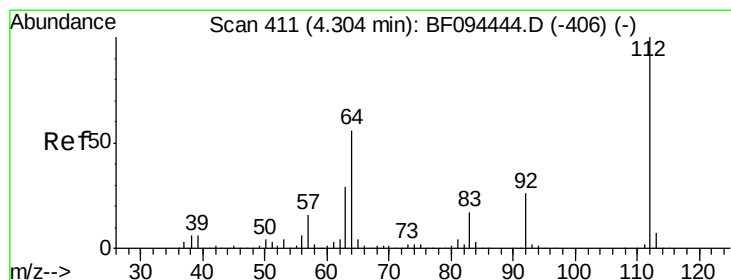
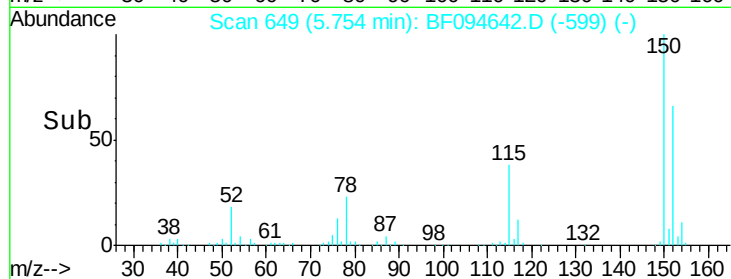
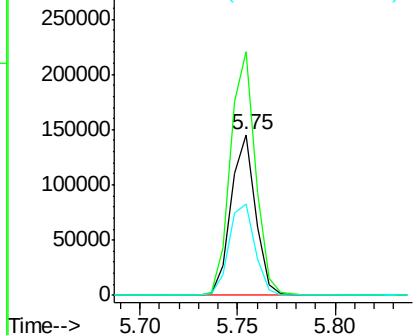
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094642.D
Acq: 26 Apr 2017 13:10

Instrument :
BNA_F
ClientSampleId :
PB98452BL

Tot Ion:152 Resp: 126501
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.2
115 57.1 52.2 78.2



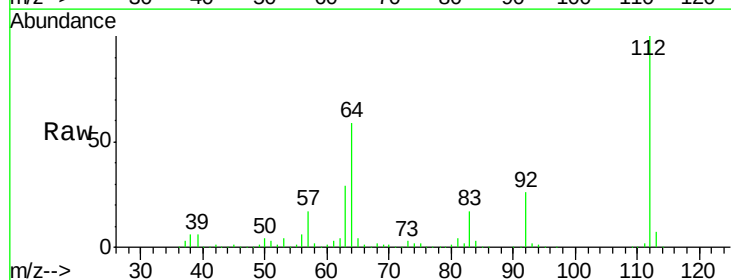
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



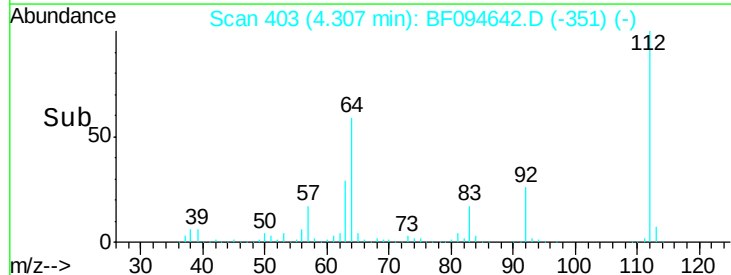
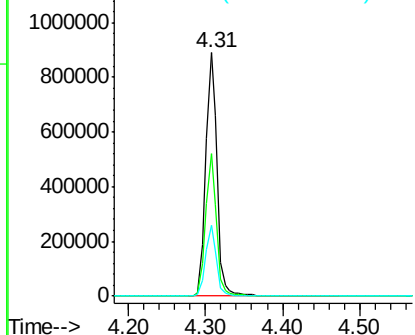
#5

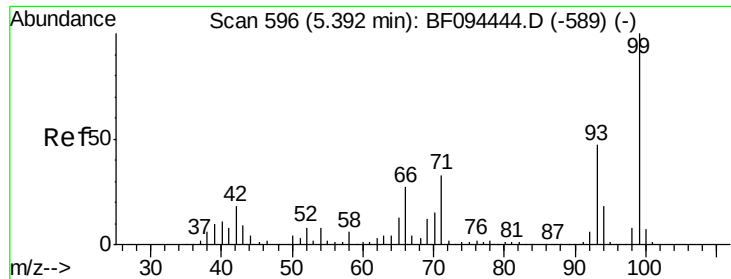
2-Fluorophenol
Concen: 119.10 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094642.D
Acq: 26 Apr 2017 13:10

Tgt Ion:112 Resp: 908114
Ion Ratio Lower Upper
112 100
64 58.6 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: 122.70 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094642.D

Acq: 26 Apr 2017 13:10

Instrument :

BNA_F

ClientSampled :

PB98452BL

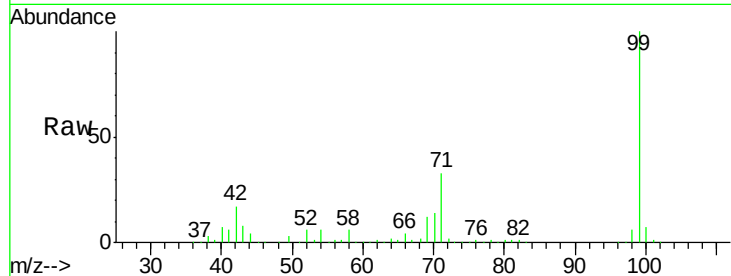
Tot Ion: 99 Resp: 1102961

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

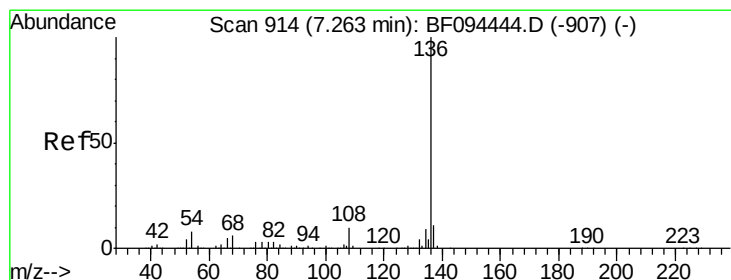
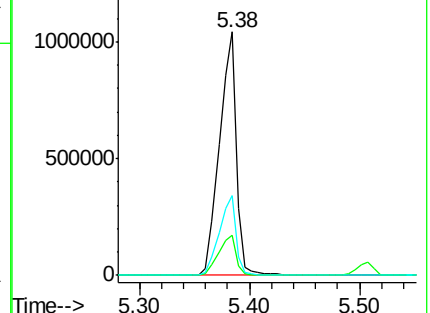
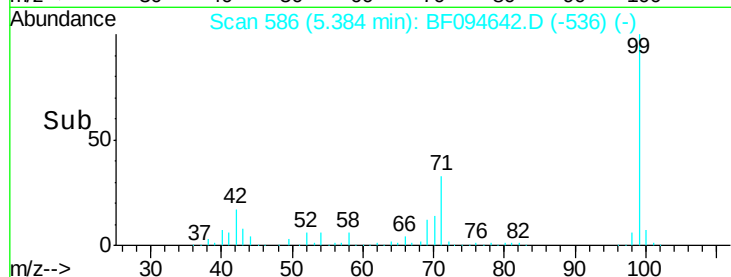
71 32.6 24.5 36.7



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: BF094642.D

Acq: 26 Apr 2017 13:10

Tgt Ion: 136 Resp: 505901

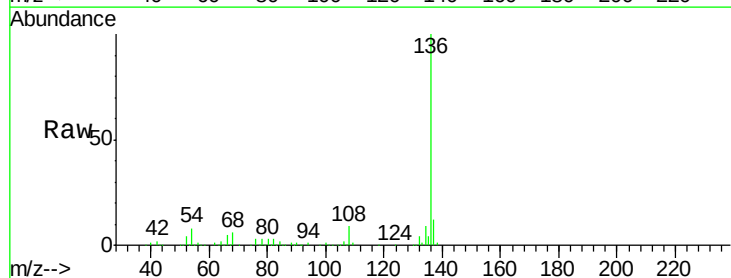
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.9 4.9 7.3#

68 5.8 4.1 6.1

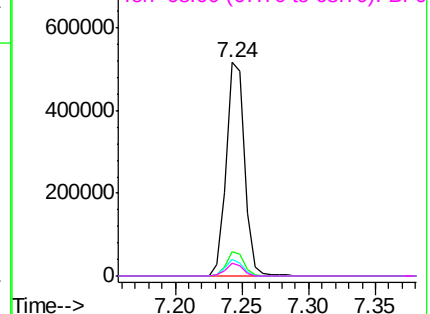
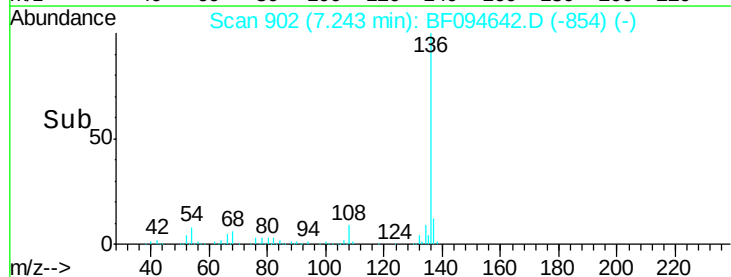


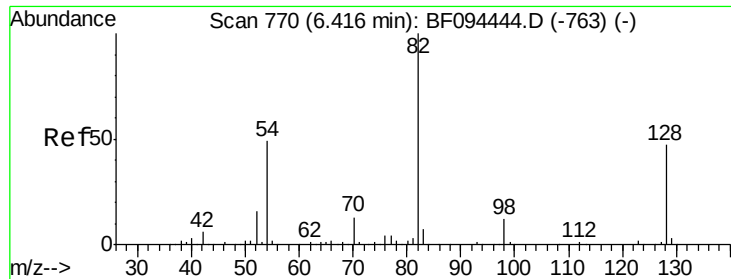
Abundance Ion 136.00 (135.70 to 136.70): E

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

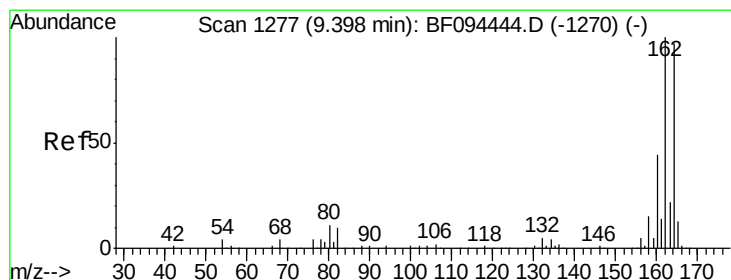
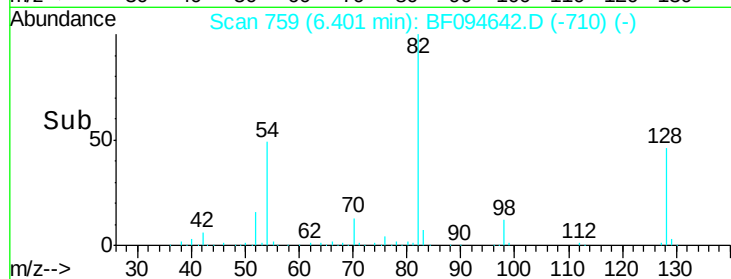
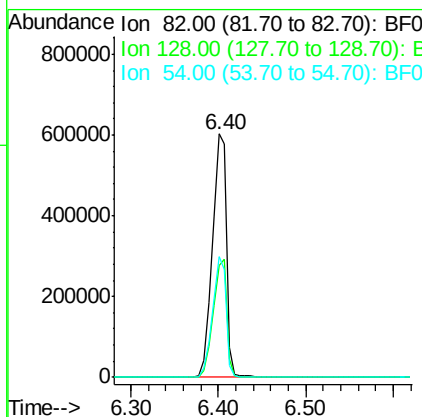
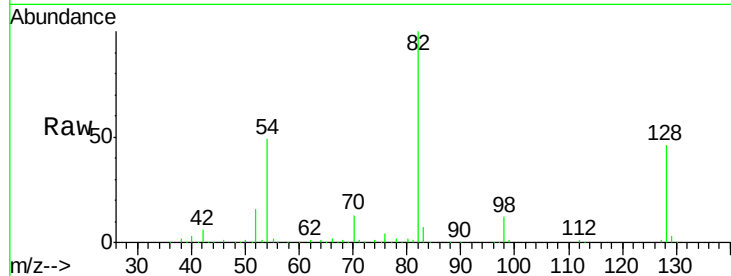




#23
 Nitrobenzene-d5
 Concen: 82.32 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF094642.D
 Acq: 26 Apr 2017 13:10

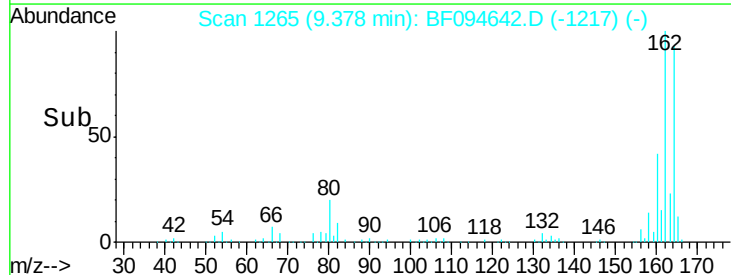
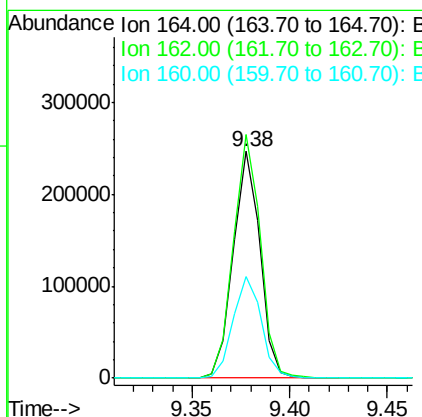
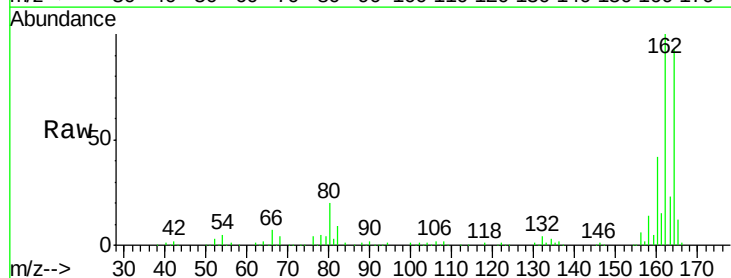
Instrument :
 BNA_F
 ClientSampleID :
 PB98452BL

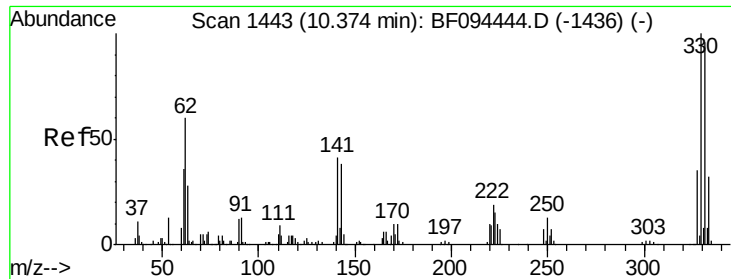
Tot Ion: 82 Resp: 674435
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 49.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094642.D
 Acq: 26 Apr 2017 13:10

Tgt Ion:164 Resp: 234928
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.6 123.8
 160 44.9 36.2 54.2

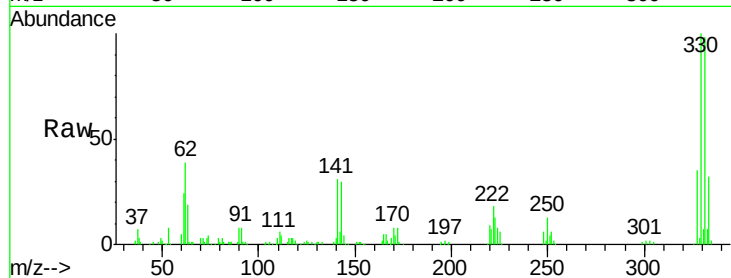




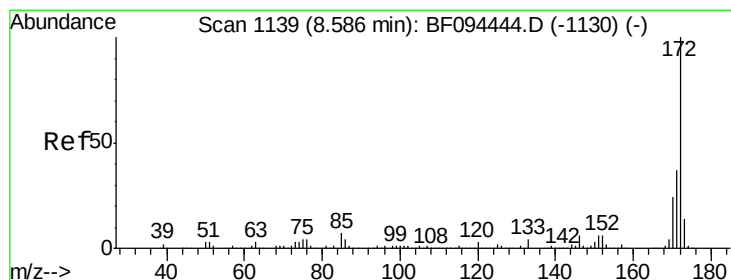
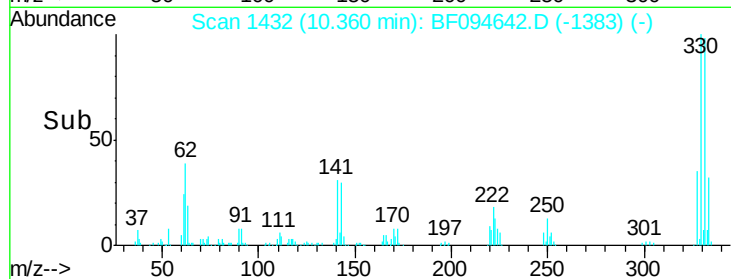
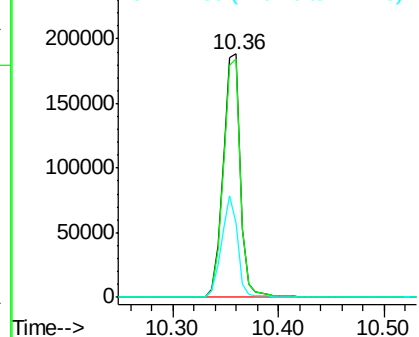
#41
 2,4,6-Tribromophenol
 Concen: 118.90 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094642.D
 Acq: 26 Apr 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98452BL

Tot Ion:330 Resp: 218486
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.4 31.4 47.2

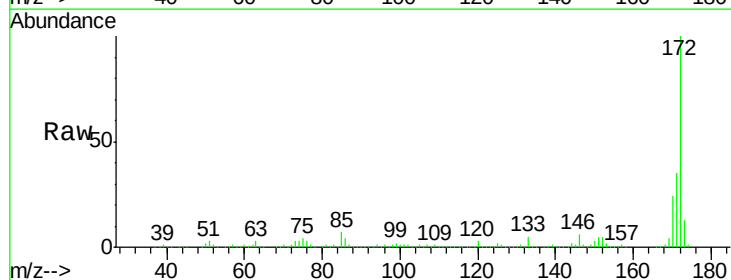


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

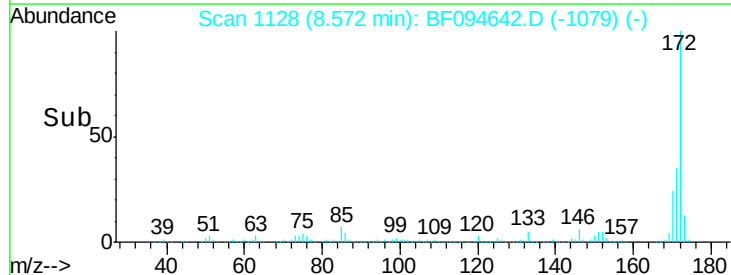
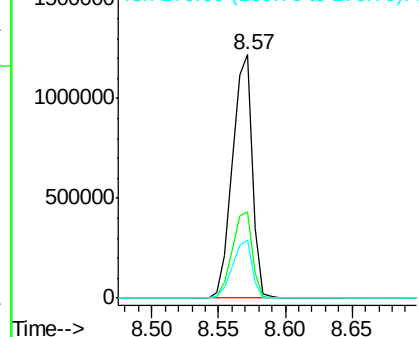


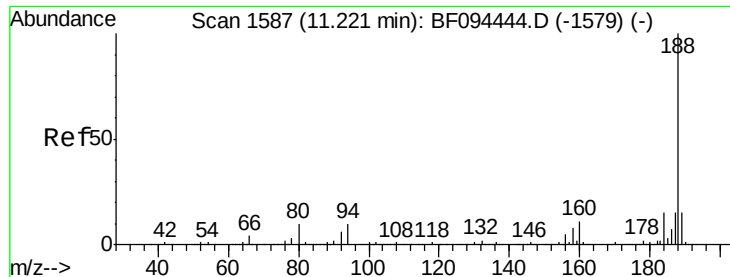
#44
 2-Fluorobiphenyl
 Concen: 80.67 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094642.D
 Acq: 26 Apr 2017 13:10

Tgt Ion:172 Resp: 1288027
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.9 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

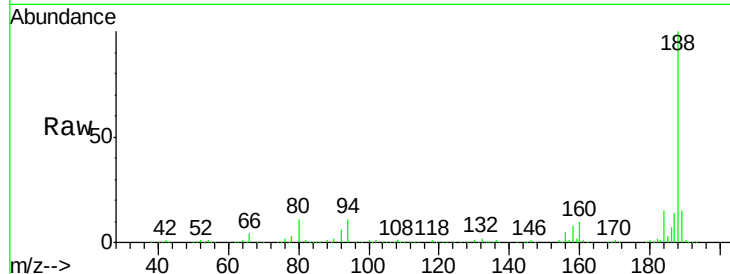




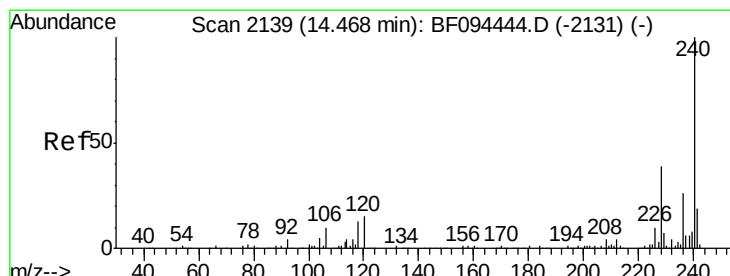
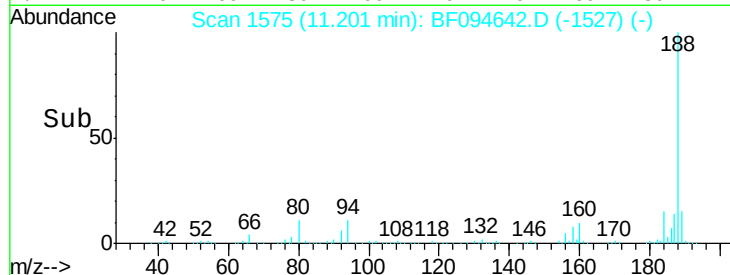
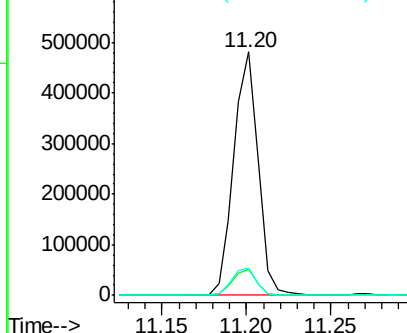
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094642.D
Acq: 26 Apr 2017 13:10

Instrument :
BNA_F
ClientSampleId :
PB98452BL

Tot Ion:188 Resp: 481764
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.3 10.2 15.2

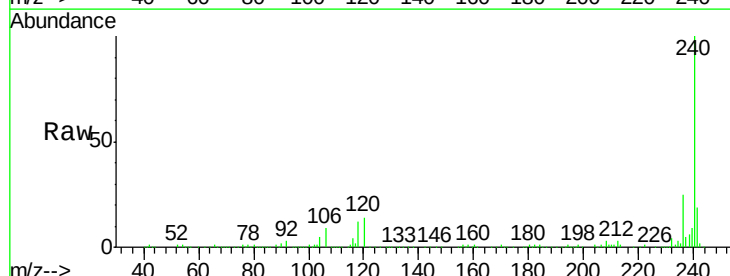


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

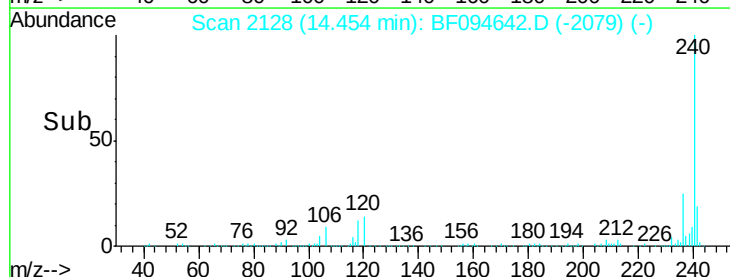
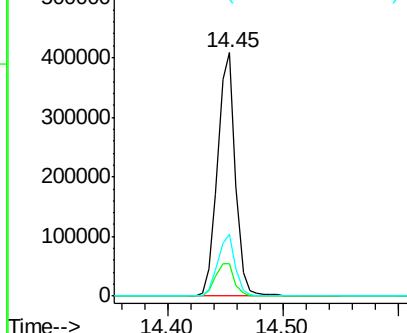


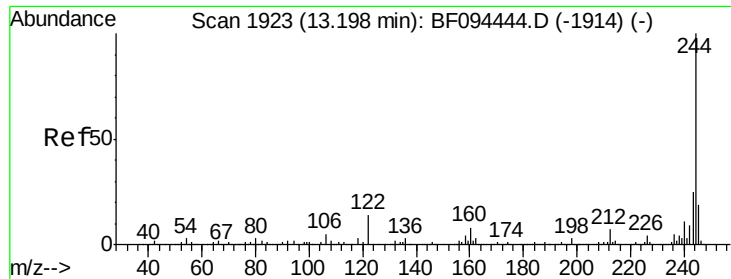
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094642.D
Acq: 26 Apr 2017 13:10

Tgt Ion:240 Resp: 439327
Ion Ratio Lower Upper
240 100
120 13.5 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: 82.37 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094642.D

Acq: 26 Apr 2017 13:10

Instrument :

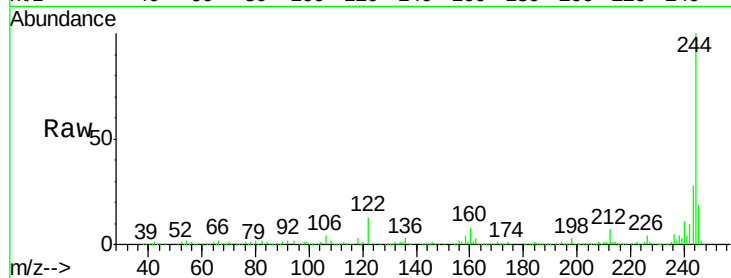
BNA_F

ClientSampleId :

PB98452BL

Tot Ion:244 Resp: 1353837

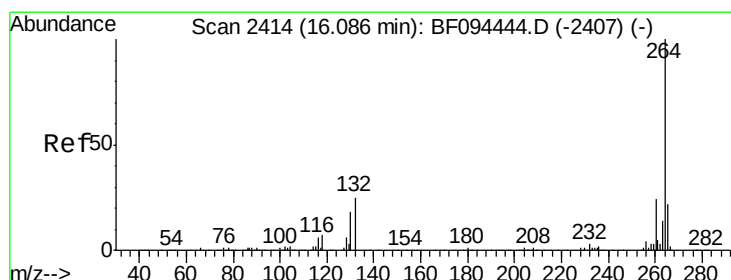
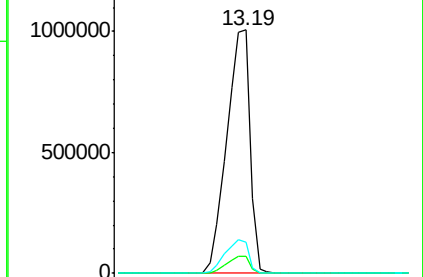
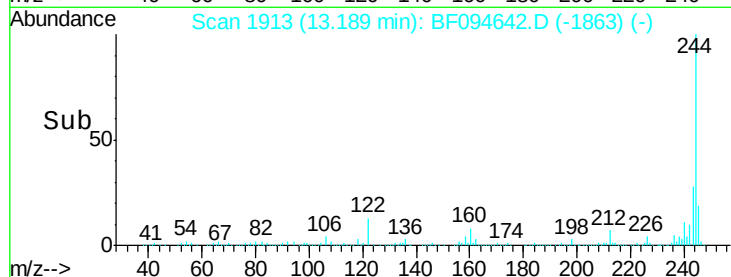
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.8	10.3	15.5



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# 2404

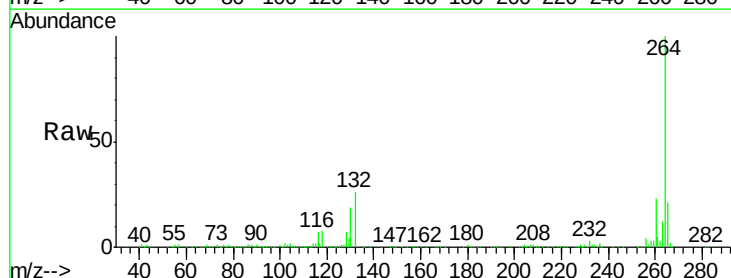
Delta R.T. -0.01 min

Lab File: BF094642.D

Acq: 26 Apr 2017 13:10

Tgt Ion:264 Resp: 352138

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	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

