

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094589.D
 Acq On : 24 Apr 2017 17:04
 Operator : SJ/MA
 Sample : PB98421BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BL

Quant Time: Apr 25 05:27:43 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	145423	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	568150	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	237146	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	384068	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	262089	20.00	ng	-0.02
86) Perylene-d12	16.07	264	236901	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1027191	117.19	ng	0.02
7) Phenol-d6	5.39	99	1273107	123.20	ng	0.00
23) Nitrobenzene-d5	6.41	82	755144	82.07	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	200748	108.22	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1347521	83.60	ng	-0.01
78) Terphenyl-d14	13.18	244	937888	95.65	ng	-0.01

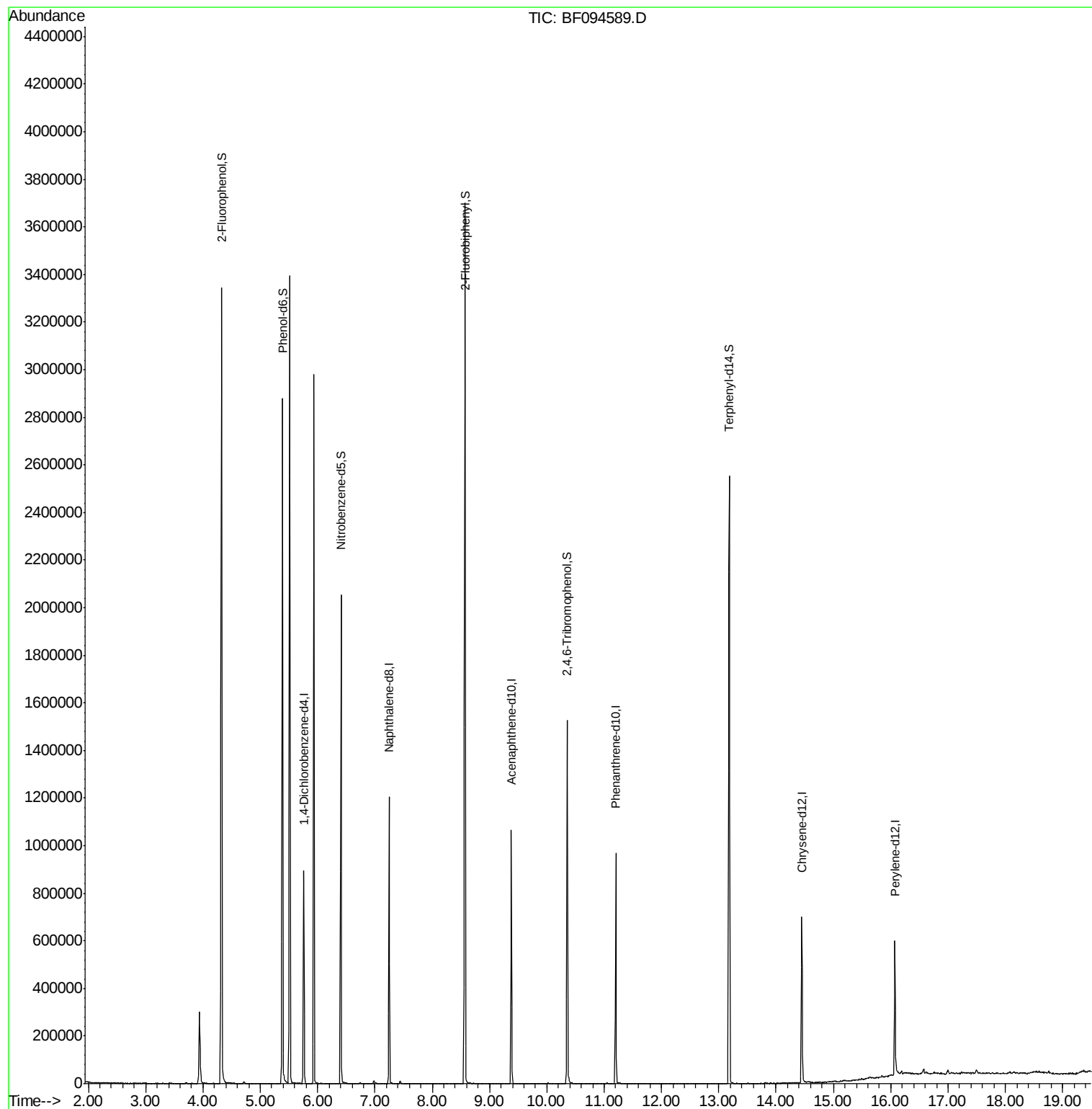
Target Compounds Qvalue

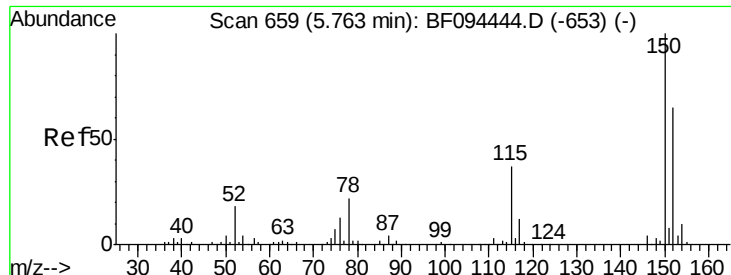
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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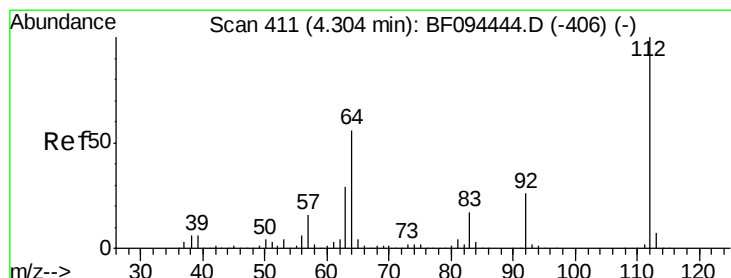
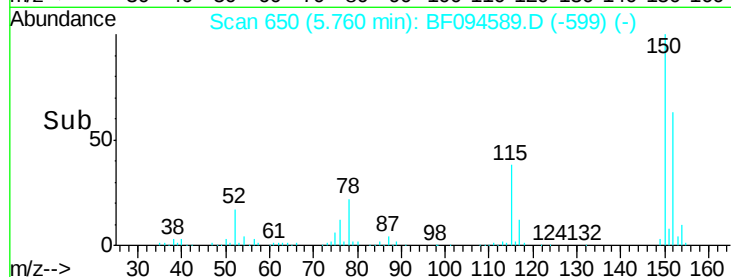
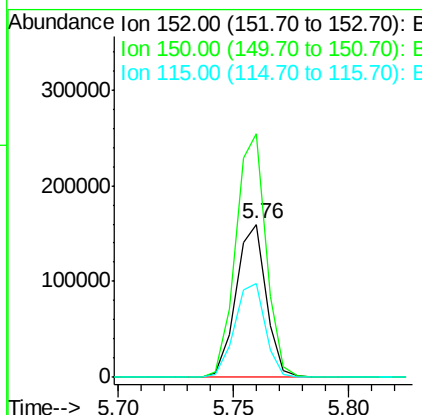
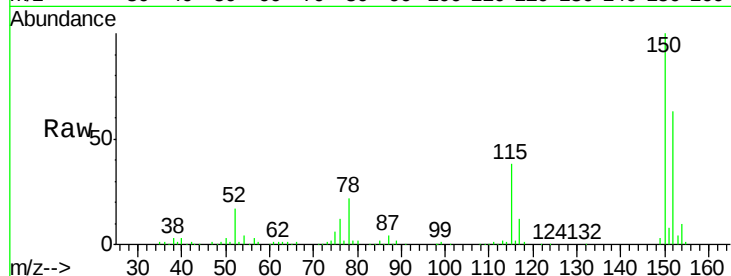




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF094589.D
 Acq: 24 Apr 2017 17:04

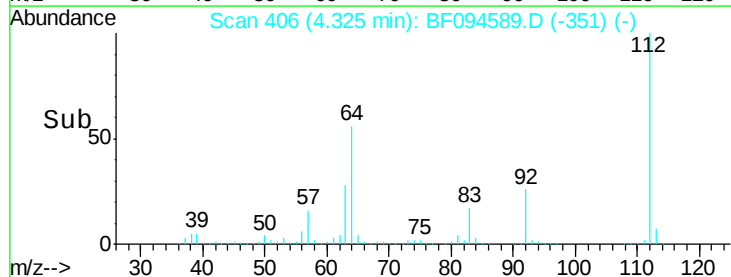
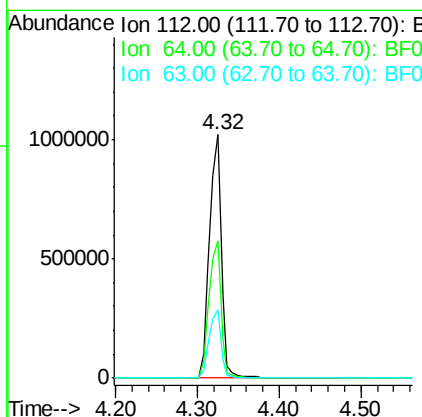
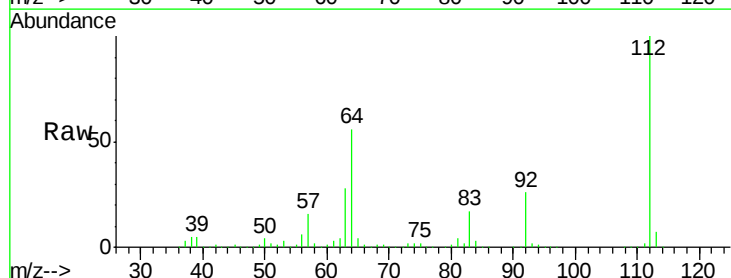
Instrument :
 BNA_F
 ClientSampleId :
 PB98421BL

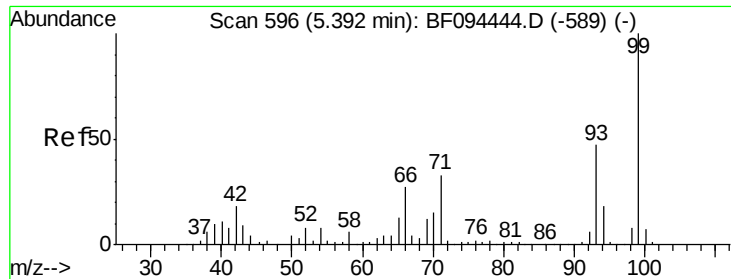
Tot Ion:152 Resp: 145423
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.2
 115 61.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 117.19 ng
 RT: 4.32 min Scan# 406
 Delta R.T. 0.02 min
 Lab File: BF094589.D
 Acq: 24 Apr 2017 17:04

Tgt Ion:112 Resp: 1027191
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.0 69.0
 63 27.9 23.4 35.0





#7

Phenol-d6

Concen: 123.20 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094589.D

Acq: 24 Apr 2017 17:04

Instrument :

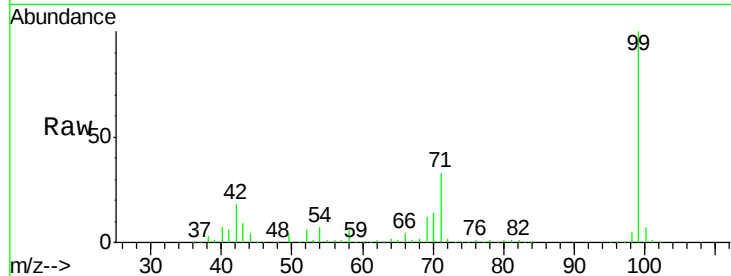
BNA_F

ClientSampleId :

PB98421BL

Tot Ion: 99 Resp: 1273107

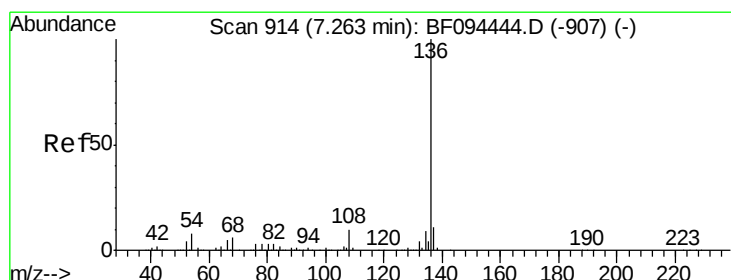
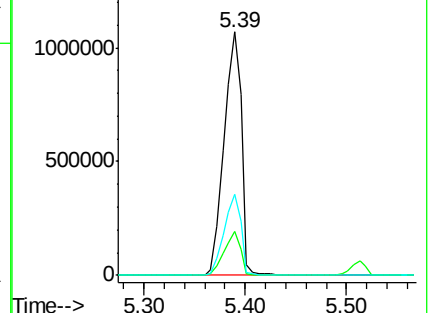
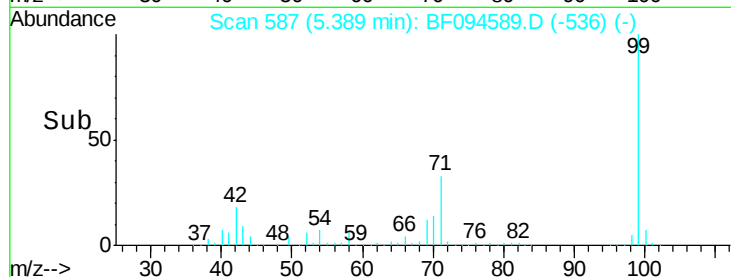
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	33.4	24.5	36.7



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# 903

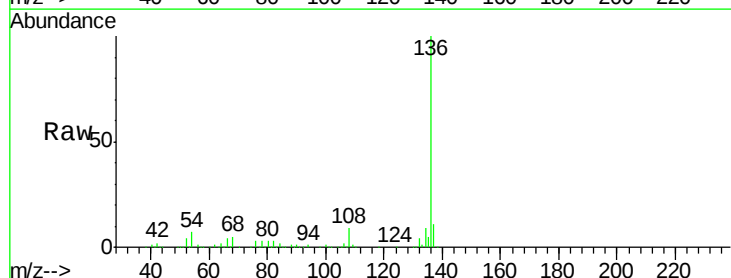
Delta R.T. -0.01 min

Lab File: BF094589.D

Acq: 24 Apr 2017 17:04

Tgt Ion: 136 Resp: 568150

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1

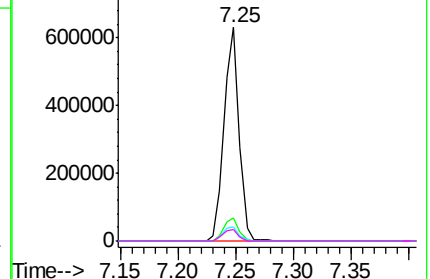
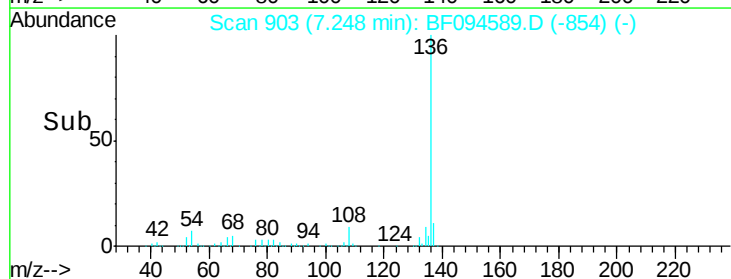


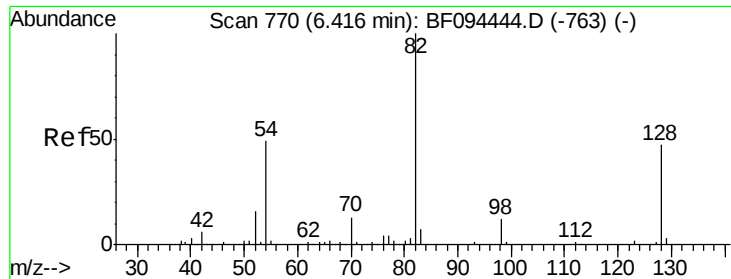
Abundance Ion 136.00 (135.70 to 136.70): E

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

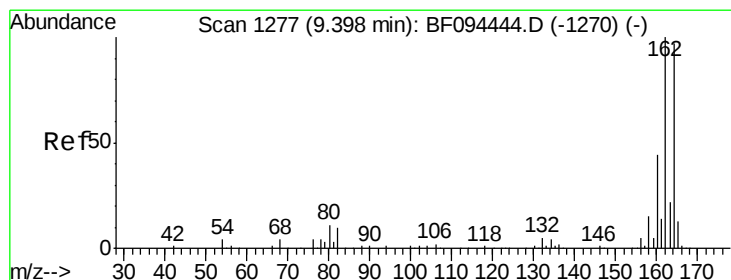
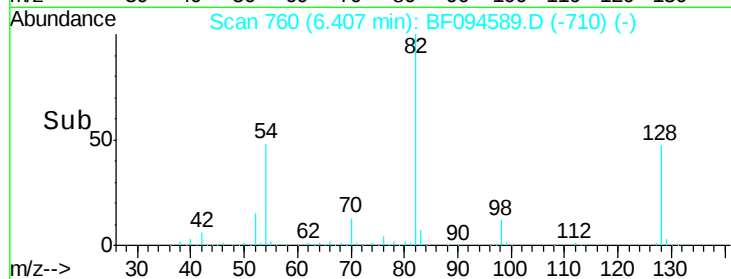
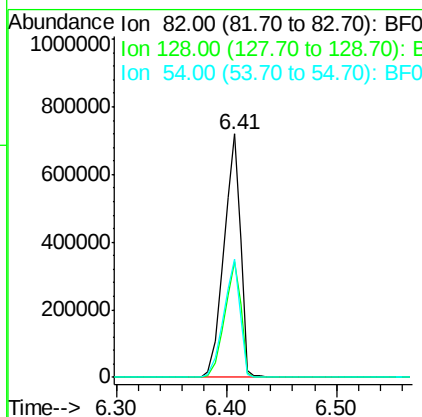
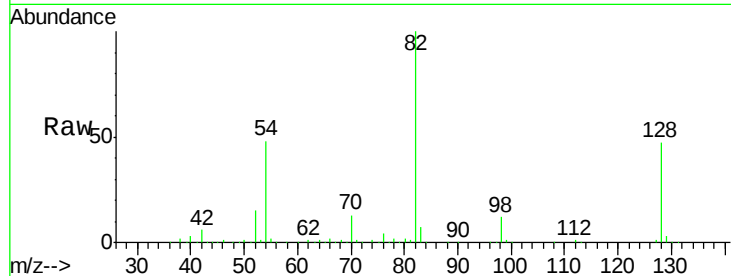




#23
 Nitrobenzene-d5
 Concen: 82.07 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094589.D
 Acq: 24 Apr 2017 17:04

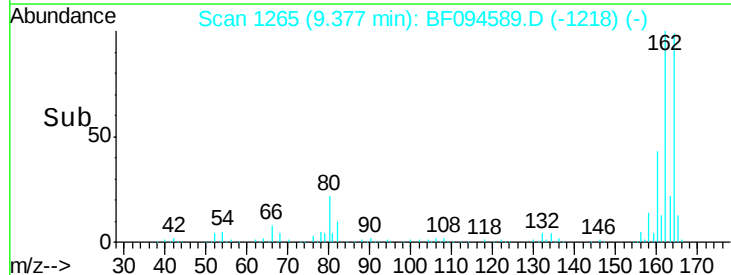
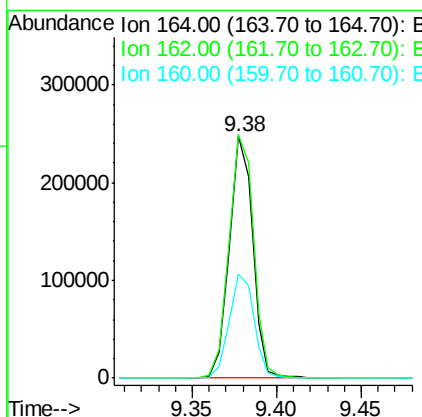
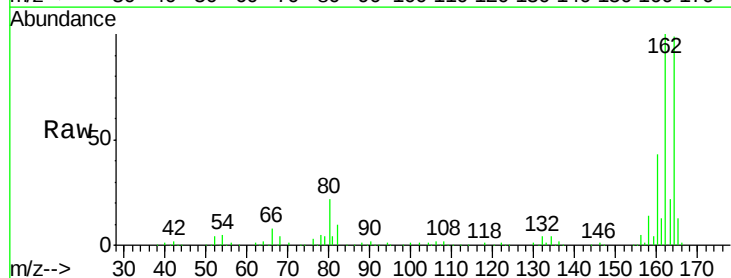
Instrument :
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 PB98421BL

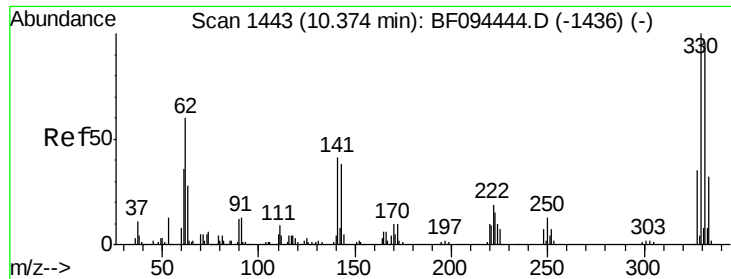
Tot Ion	82	Resp	755144
Ion Ratio	100		
Lower		34.0	
Upper		51.0	
54	48.4	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094589.D
 Acq: 24 Apr 2017 17:04

Tgt Ion	164	Resp	237146
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		82.6	
Upper		123.8	
162	100.6	36.2	54.2
160	43.0		

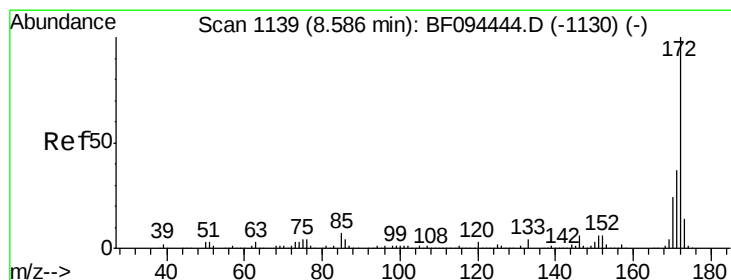
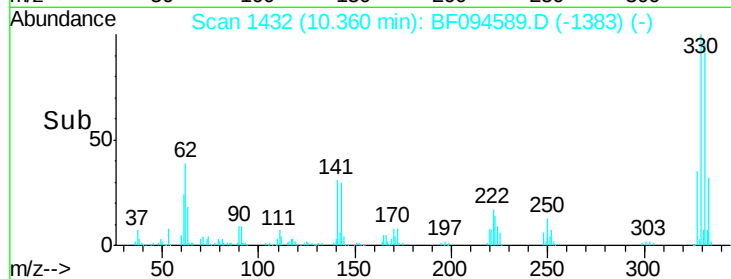
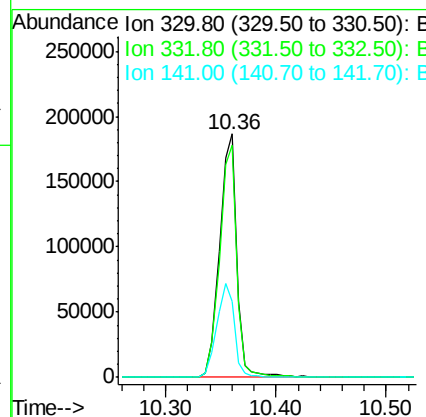
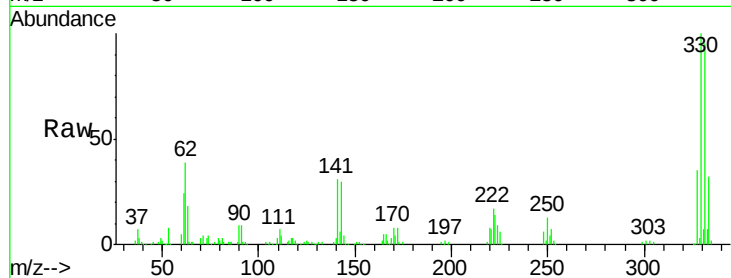




#41
 2,4,6-Tribromophenol
 Concen: 108.22 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094589.D
 Acq: 24 Apr 2017 17:04

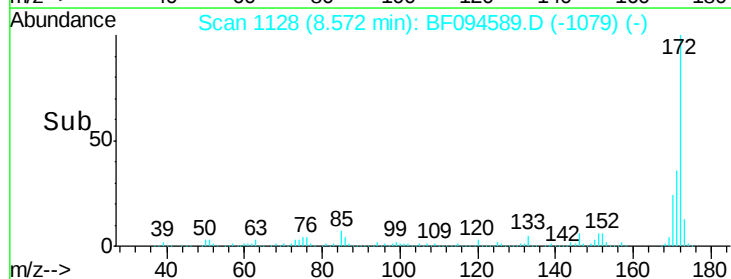
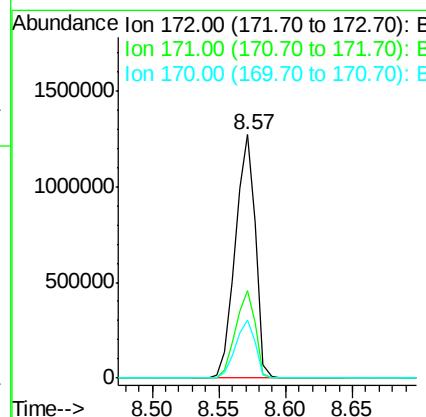
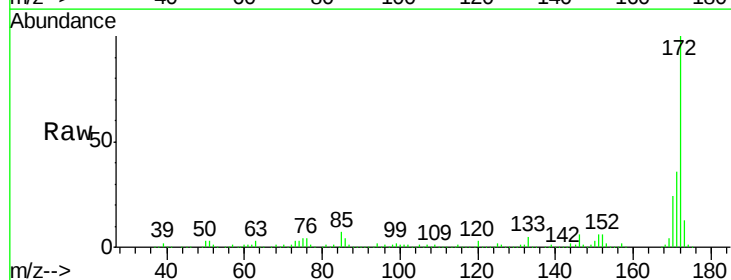
Instrument :
 BNA_F
 ClientSampleId :
 PB98421BL

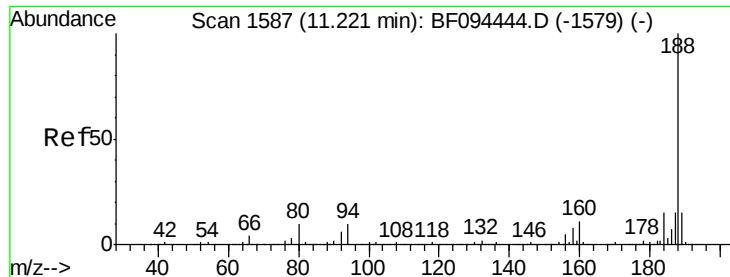
Tot Ion:330 Resp: 200748
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.60 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094589.D
 Acq: 24 Apr 2017 17:04

Tgt Ion:172 Resp: 1347521
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.0 19.8 29.8

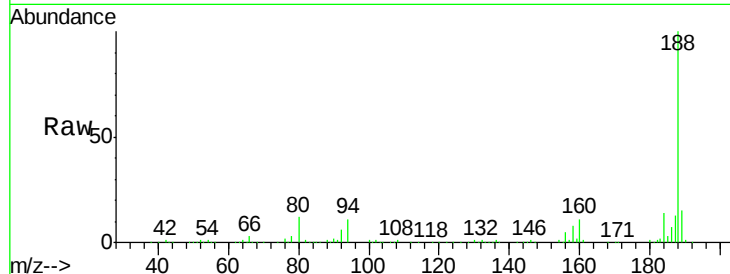




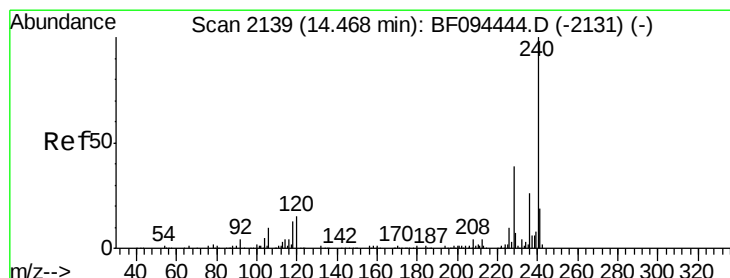
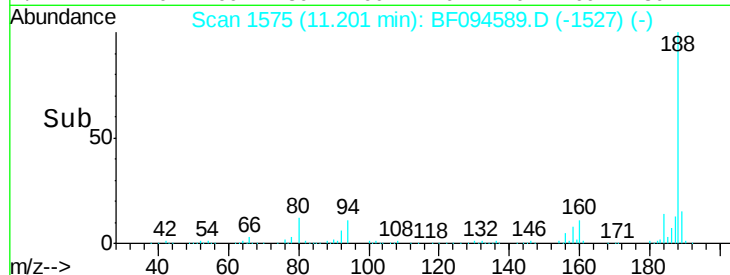
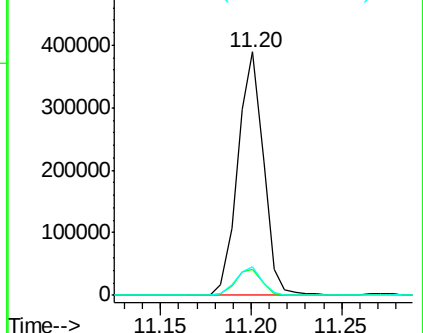
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094589.D
Acq: 24 Apr 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PB98421BL

Tot Ion:188 Resp: 384068
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.6 10.2 15.2

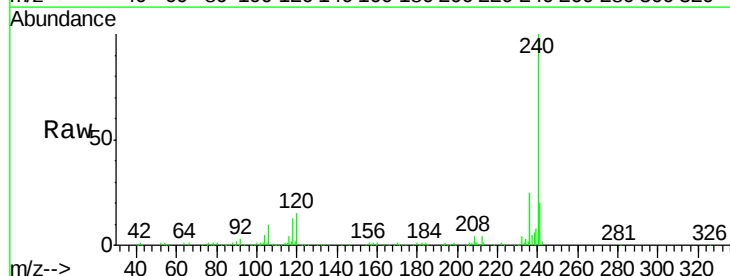


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

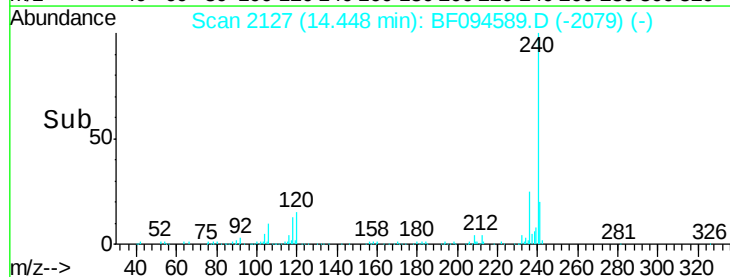
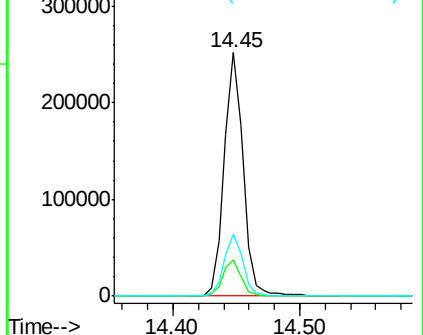


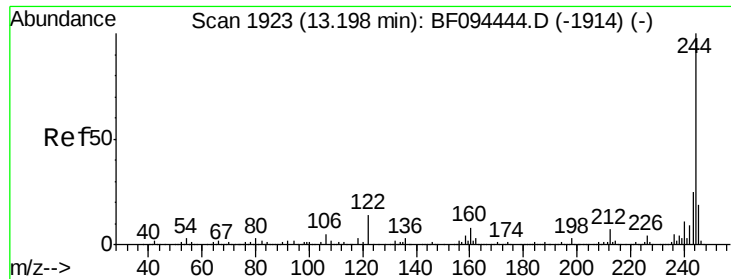
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094589.D
Acq: 24 Apr 2017 17:04

Tgt Ion:240 Resp: 262089
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.4 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

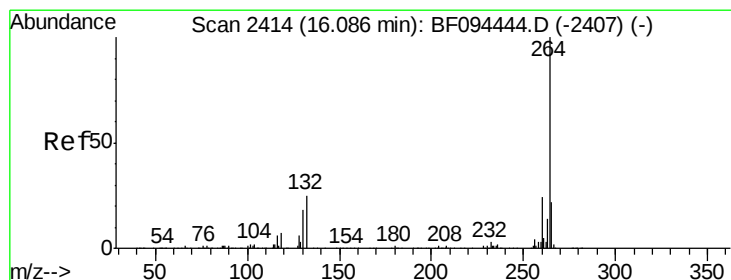
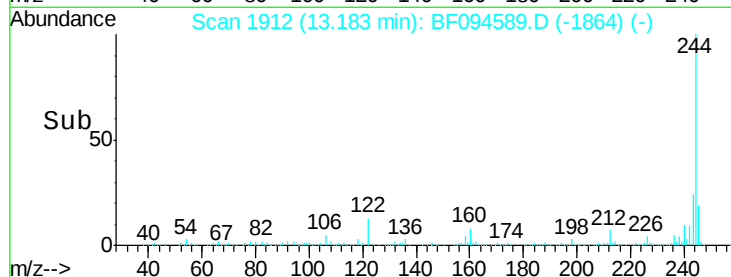
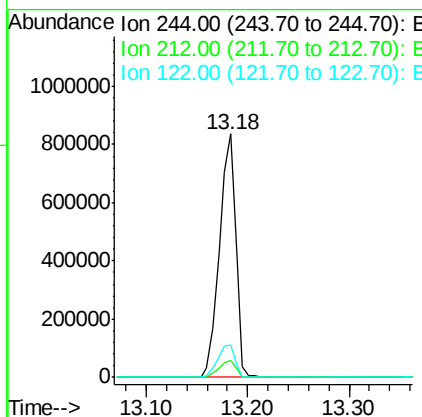
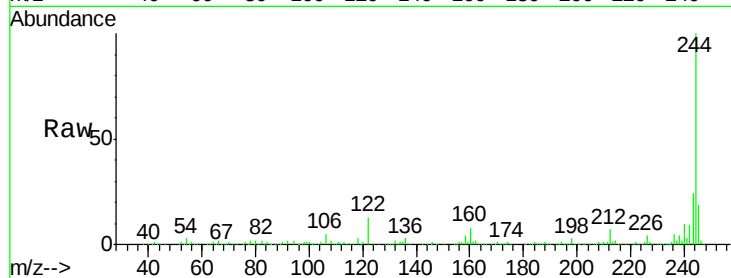




#78
 Terphenyl-d14
 Concen: 95.65 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094589.D
 Acq: 24 Apr 2017 17:04

Instrument :
 BNA_F
 ClientSampleID :
 PB98421BL

Tot Ion:244 Resp: 937888
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BF094589.D
 Acq: 24 Apr 2017 17:04

Tgt Ion:264 Resp: 236901
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.7 17.2 25.8

