

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094483.D
 Acq On : 18 Apr 2017 13:30
 Operator : SJ/MA
 Sample : PB98269BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BL

Quant Time: Apr 19 01:35:26 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	5.77	152	120709	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	496743	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	203273	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	431149	20.00	ng	0.00
75) Chrysene-d12	14.46	240	347681	20.00	ng	0.00
86) Perylene-d12	16.08	264	252179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	867110	119.18	ng	0.03
7) Phenol-d6	5.40	99	1127266	131.42	ng	0.00
23) Nitrobenzene-d5	6.42	82	651165	80.94	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	224763	141.36	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1269431	91.88	ng	0.00
78) Terphenyl-d14	13.20	244	1224511	94.14	ng	0.00

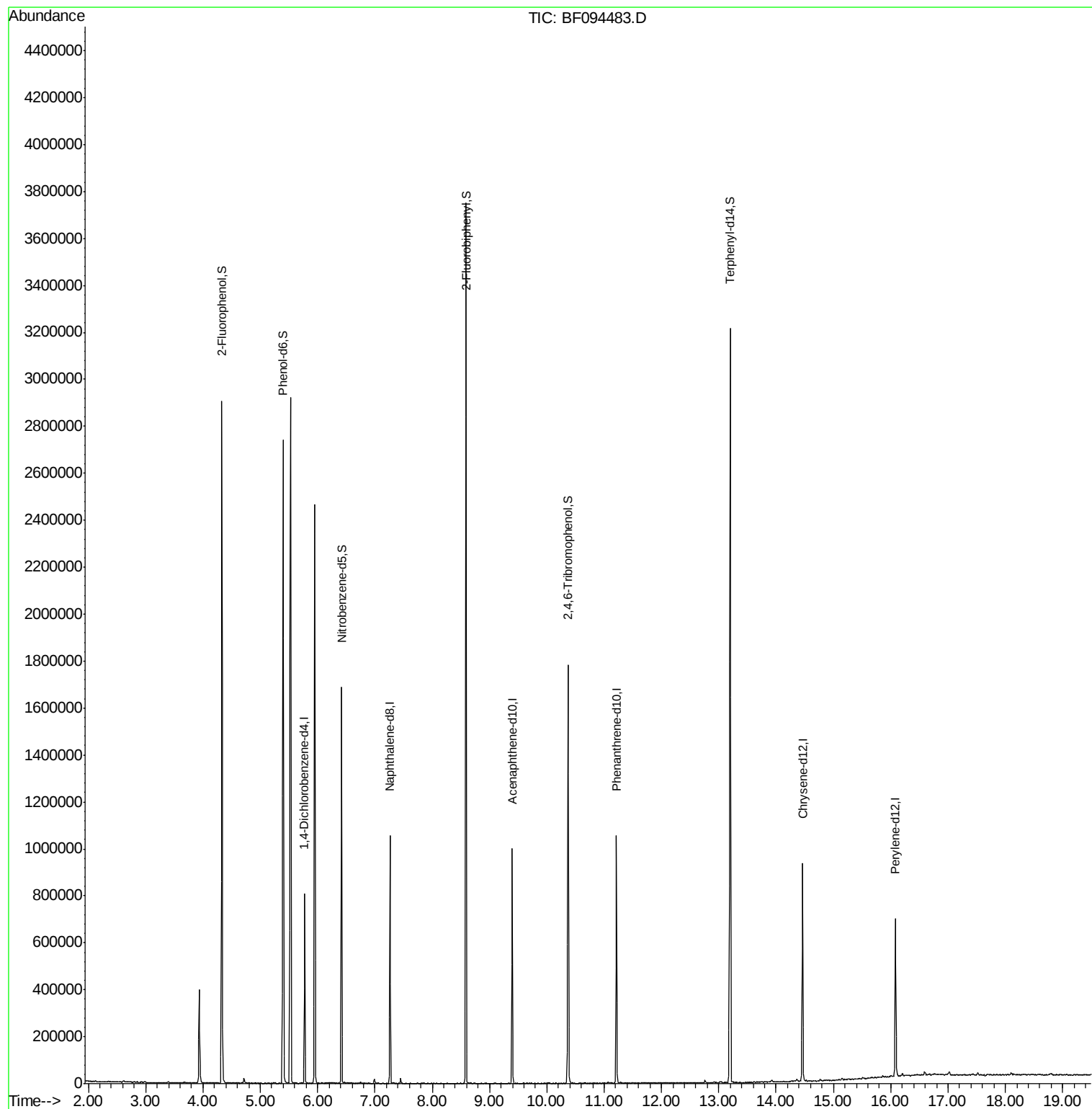
Target Compounds Qvalue

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

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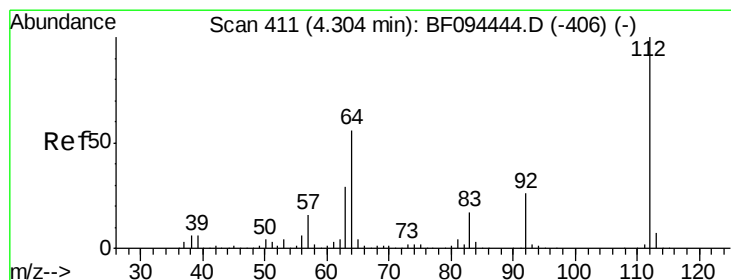
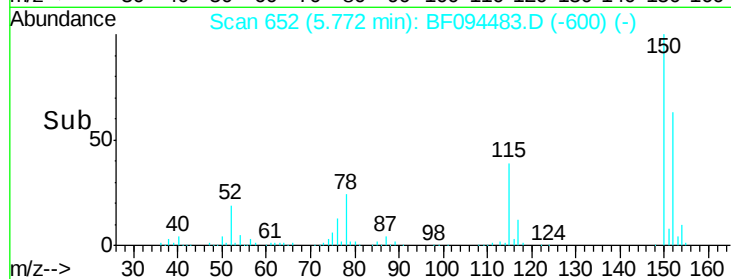
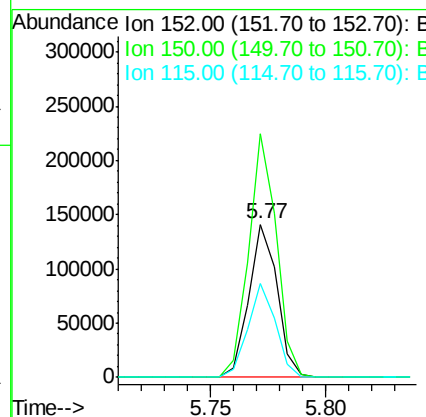
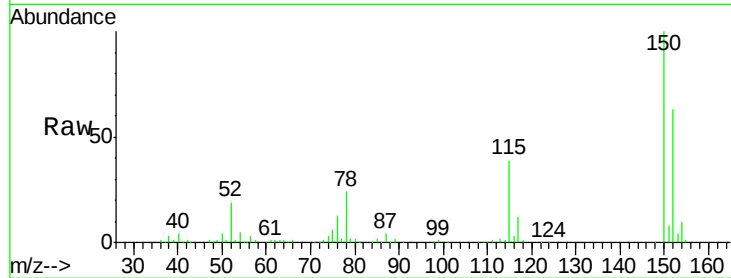


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BL

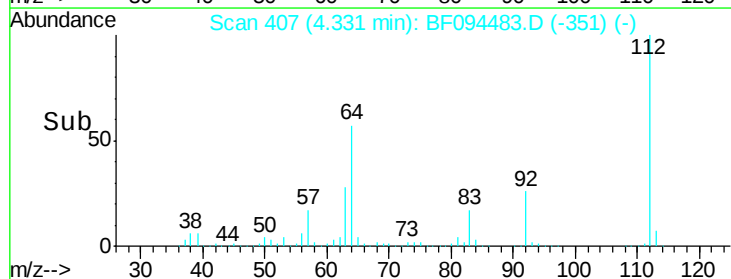
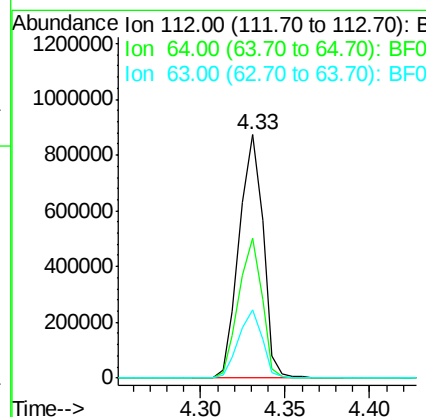
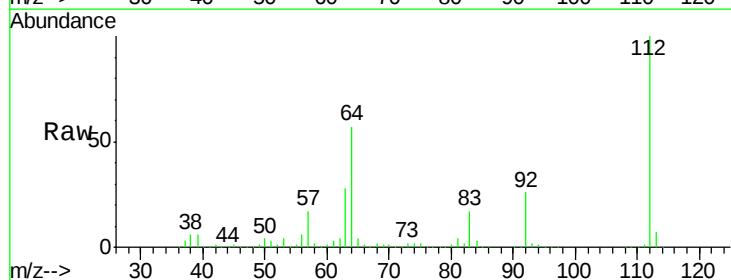
Tot Ion:152 Resp: 120709
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.2
 115 61.4 52.2 78.2

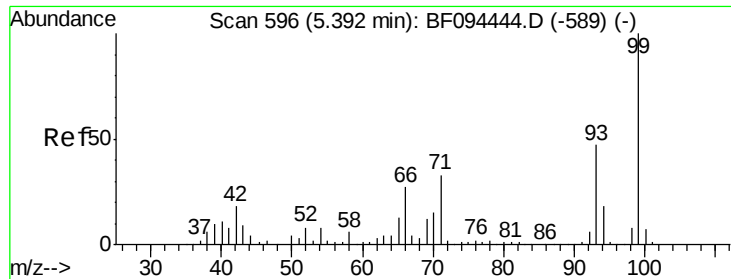


#5

2-Fluorophenol
 Concen: 119.18 ng
 RT: 4.33 min Scan# 407
 Delta R.T. 0.03 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Tgt Ion:112 Resp: 867110
 Ion Ratio Lower Upper
 112 100
 64 57.3 46.0 69.0
 63 28.1 23.4 35.0





#7

Phenol-d6

Concen: 131.42 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

Instrument :

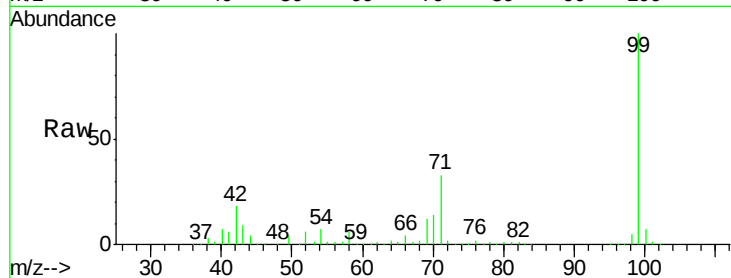
BNA_F

ClientSampleId :

PB98269BL

Tot Ion: 99 Resp: 1127266

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.5	24.5	36.7

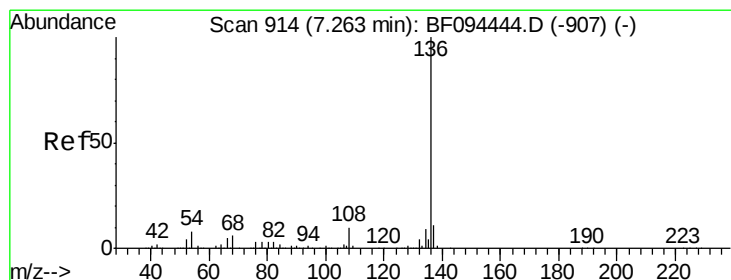
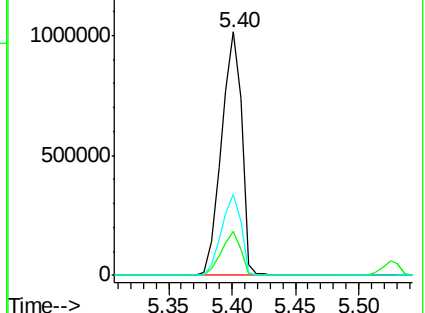
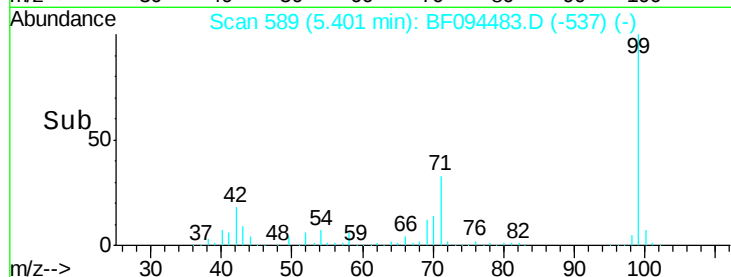


Abundance

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: 7.27 min Scan# 906

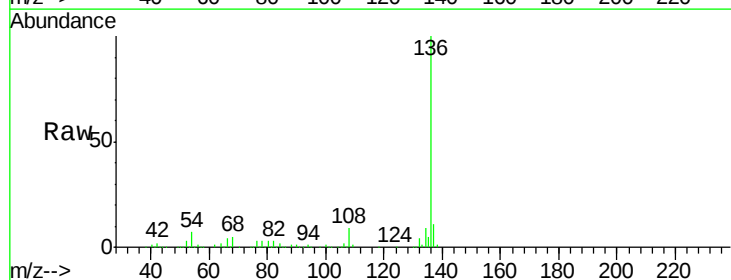
Delta R.T. 0.00 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

Tgt Ion: 136 Resp: 496743

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	5.3	4.1	6.1



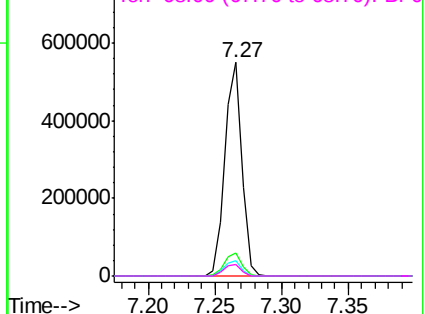
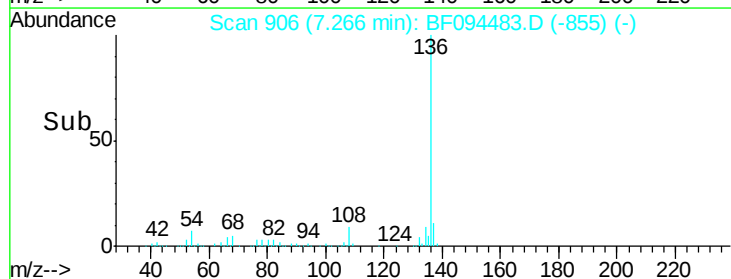
Abundance

Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

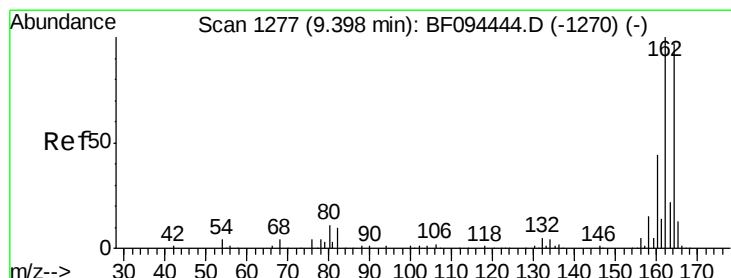
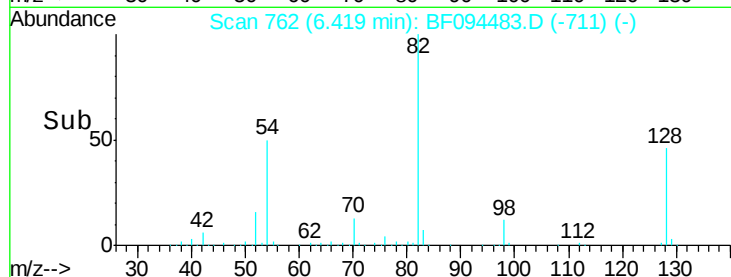
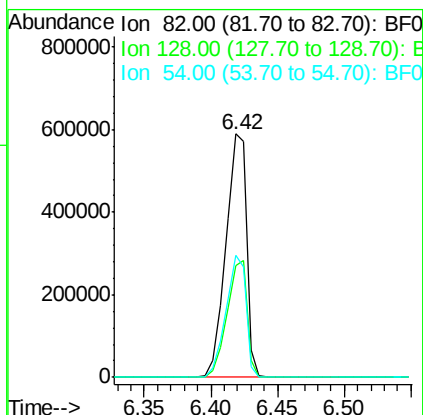
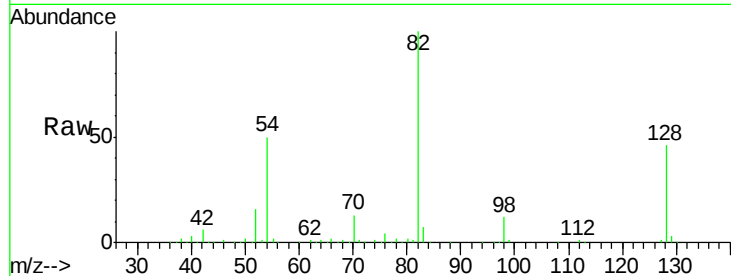




#23
 Nitrobenzene-d5
 Concen: 80.94 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

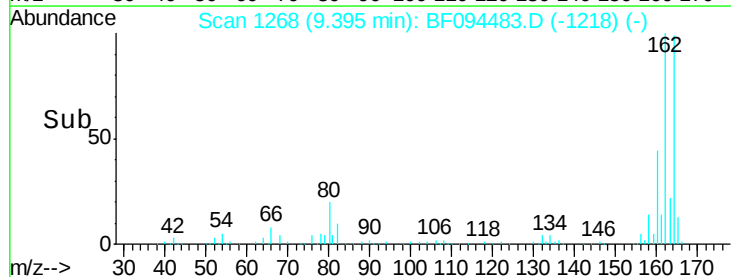
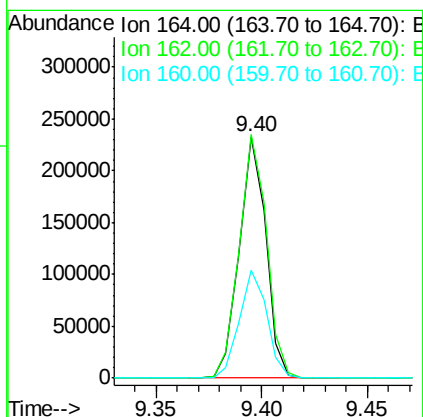
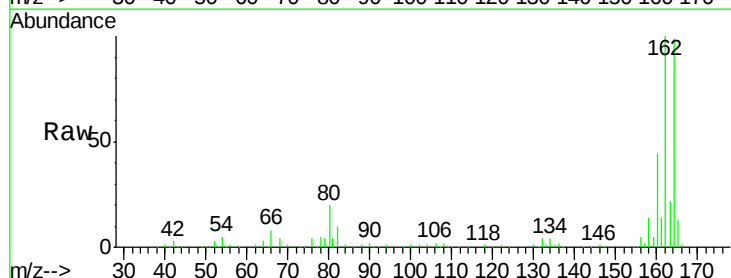
Instrument :
 BNA_F
 ClientSampleId :
 PB98269BL

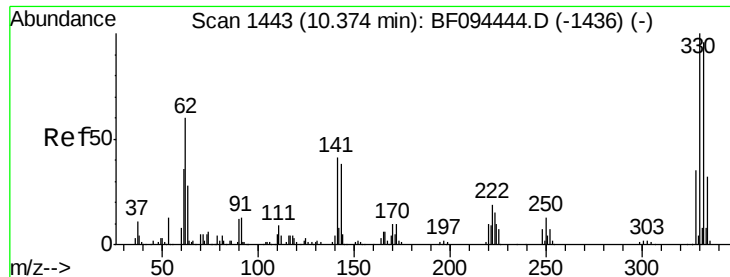
Tot Ion: 82 Resp: 651165
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 50.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Tgt Ion: 164 Resp: 203273
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 44.8 36.2 54.2

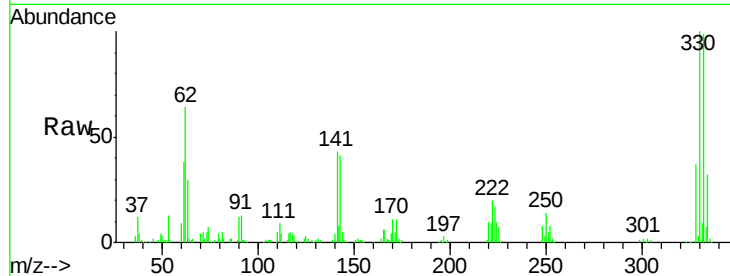




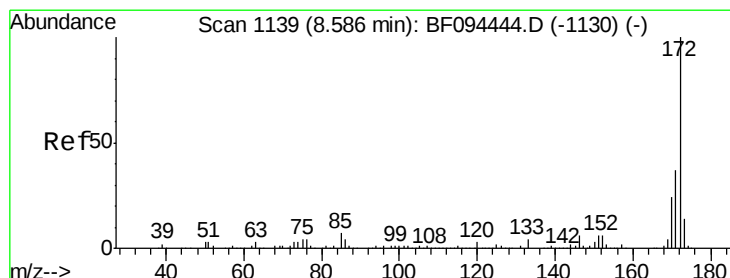
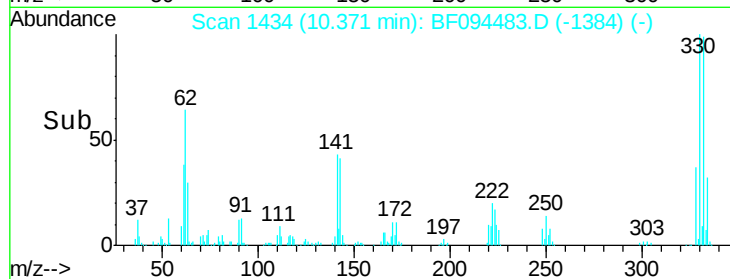
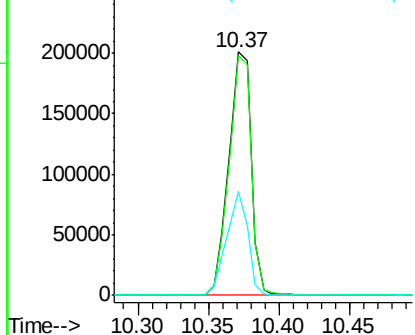
#41
 2,4,6-Tribromophenol
 Concen: 141.36 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BL

Tot Ion:330 Resp: 224763
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 40.2 31.4 47.2

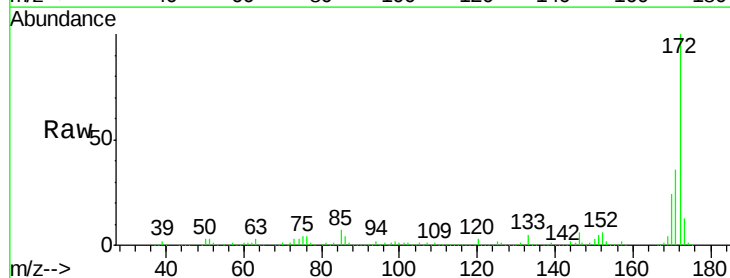


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

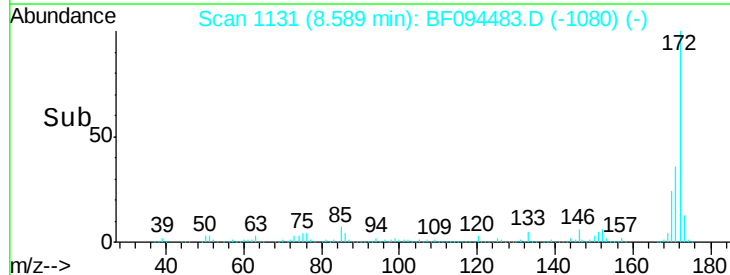
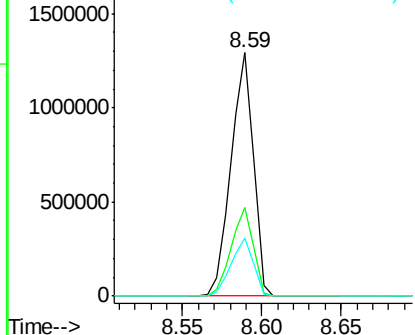


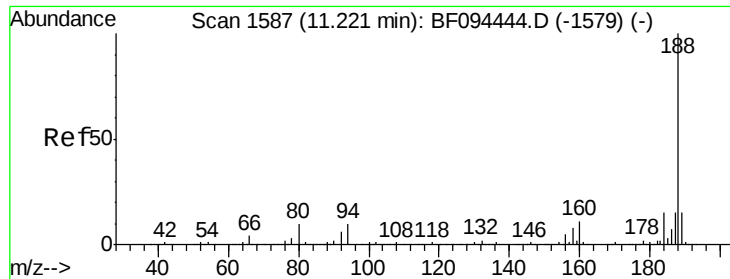
#44
 2-Fluorobiphenyl
 Concen: 91.88 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Tgt Ion:172 Resp: 1269431
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

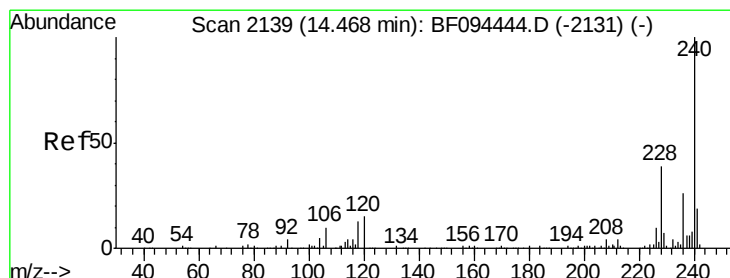
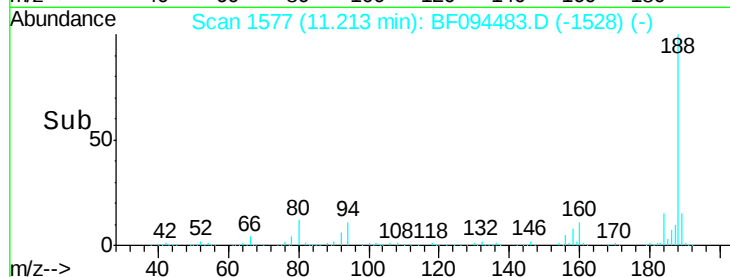
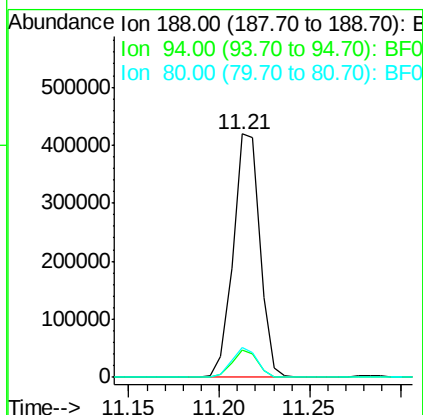
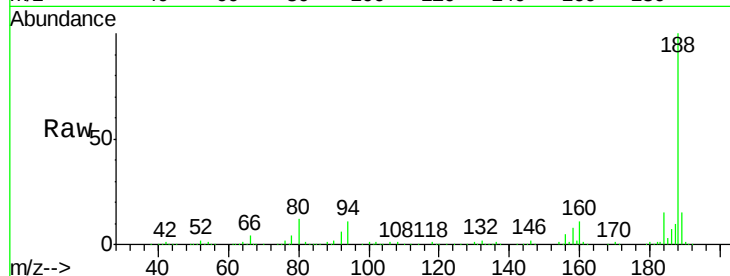




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

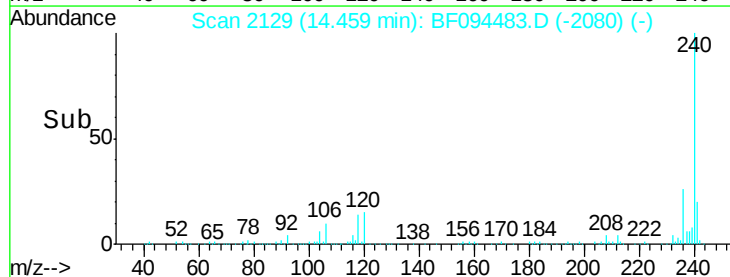
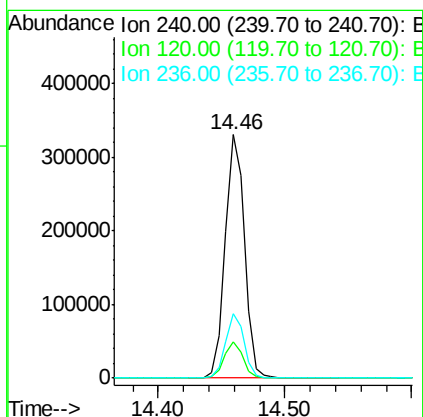
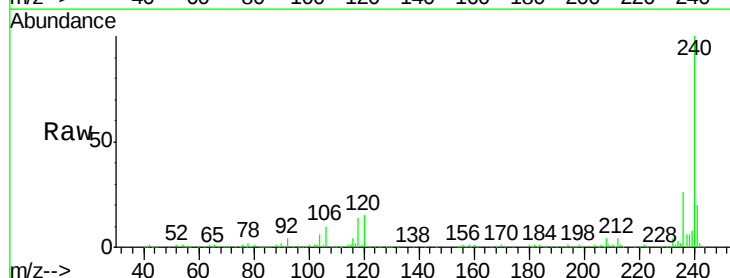
Instrument :
 BNA_F
 ClientSampleID :
 PB98269BL

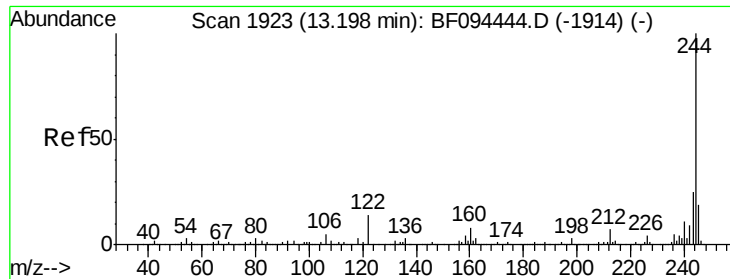
Tot Ion:188 Resp: 431149
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 12.0 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Tgt Ion:240 Resp: 347681
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 94.14 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

Instrument :

BNA_F

ClientSampleId :

PB98269BL

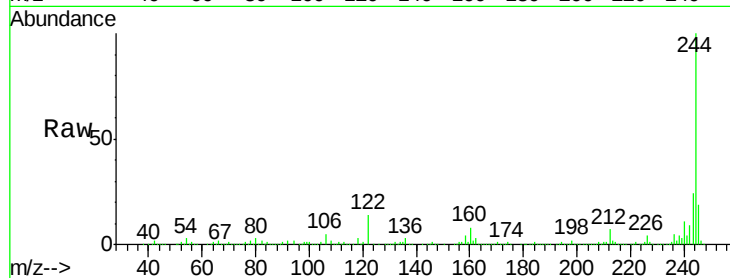
Tot Ion:244 Resp: 1224511

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

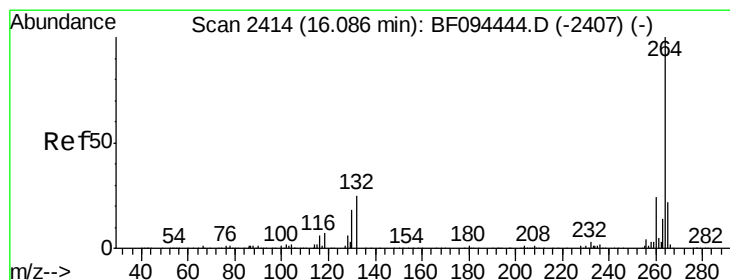
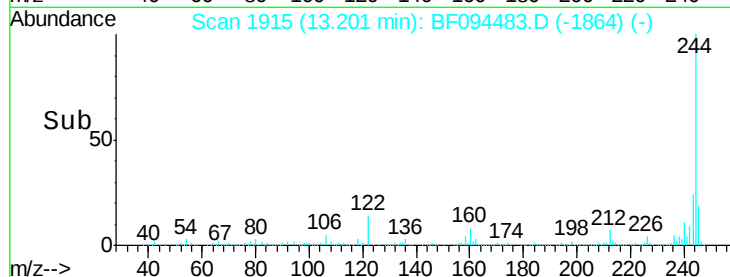
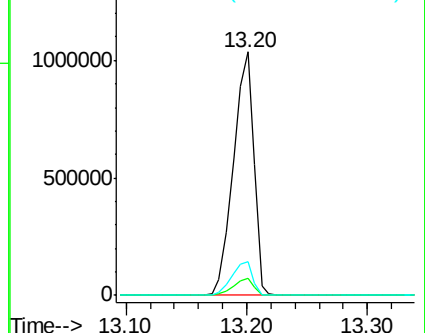
122 13.9 10.3 15.5



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: BF094483.D

Acq: 18 Apr 2017 13:30

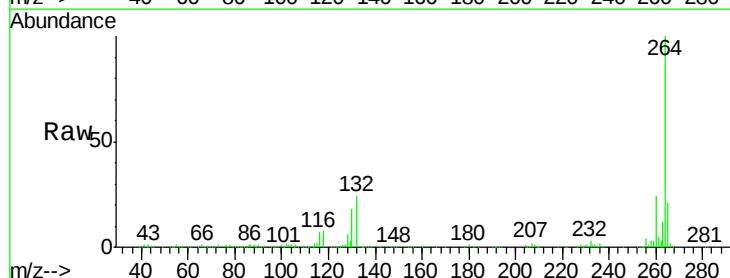
Tgt Ion:264 Resp: 252179

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.3 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

