

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094712.D
 Acq On : 30 Apr 2017 14:11
 Operator : SJ/MA
 Sample : PB98552BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BL

Quant Time: May 01 02:31:28 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	106445	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	440012	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	211933	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	403656	20.00	ng	0.00
75) Chrysene-d12	14.47	240	330858	20.00	ng	0.00
86) Perylene-d12	16.09	264	220959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	556404	86.72	ng	0.03
7) Phenol-d6	5.39	99	671905	88.83	ng	0.00
23) Nitrobenzene-d5	6.42	82	584306	82.00	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	119836	72.29	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1150338	79.86	ng	0.00
78) Terphenyl-d14	13.19	244	1105107	89.28	ng	0.00

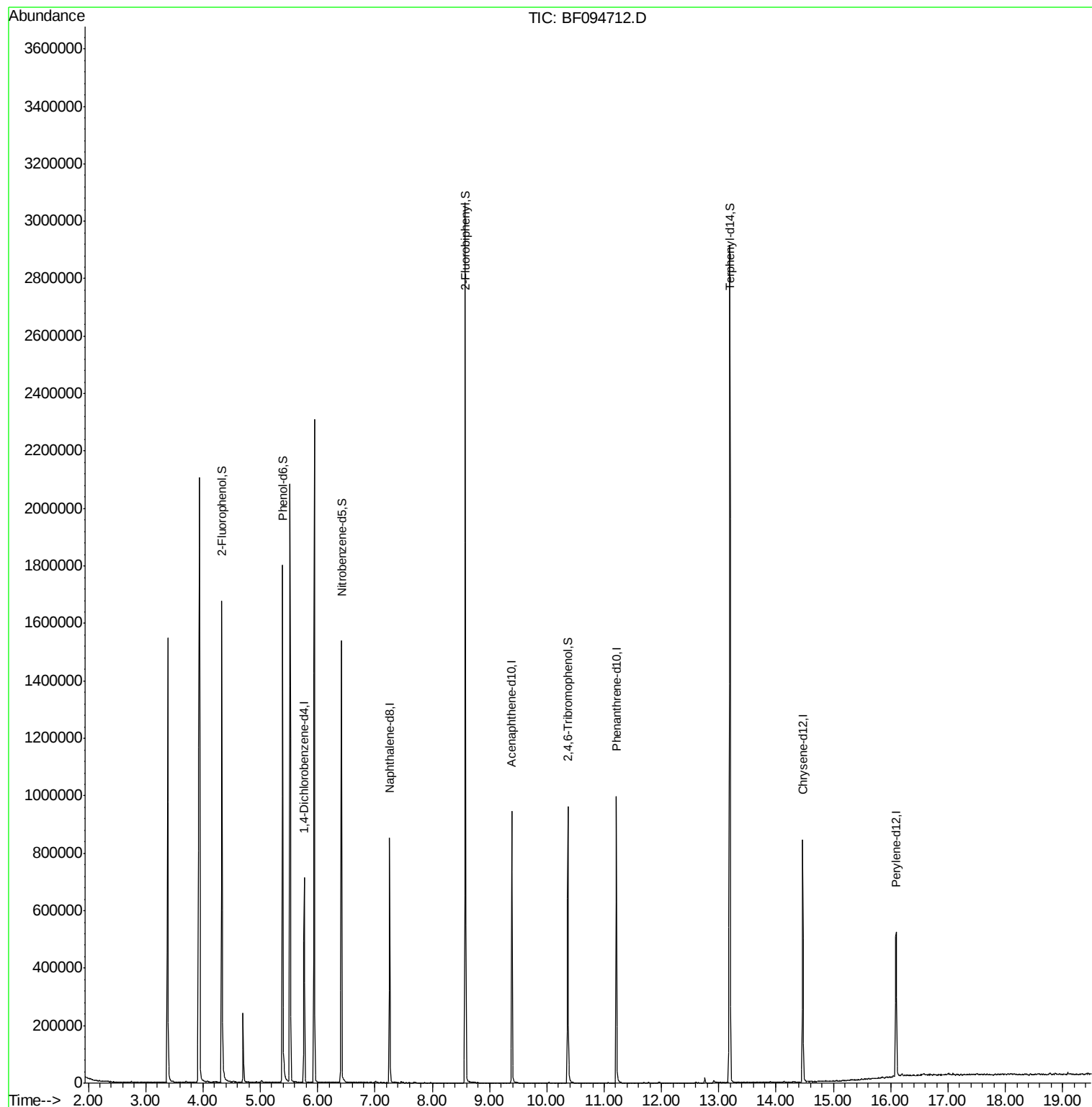
Target Compounds Qvalue

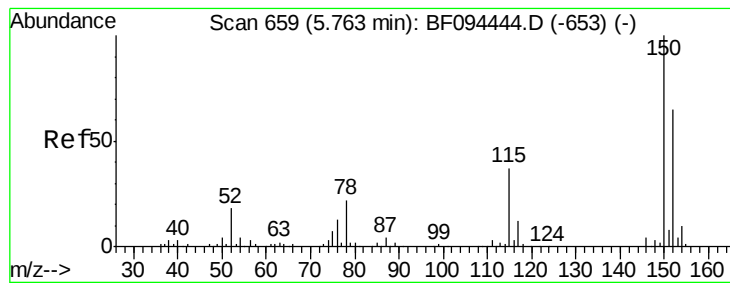
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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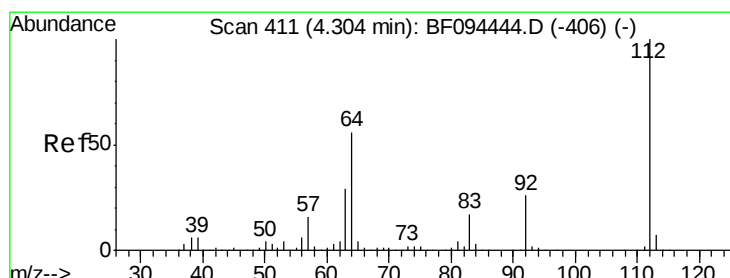
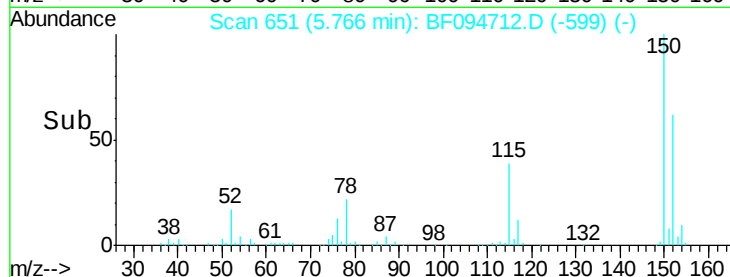
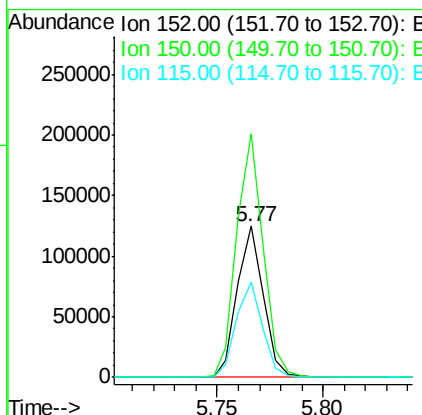
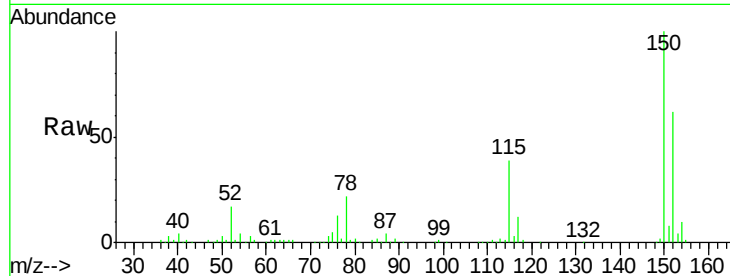




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

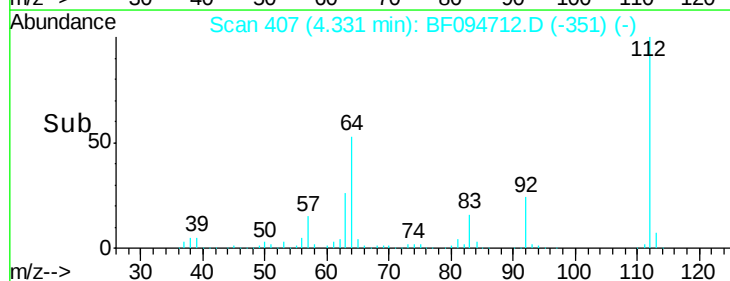
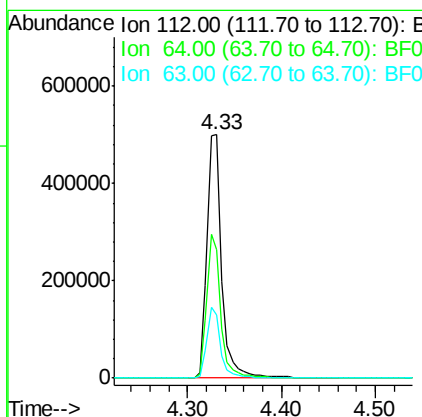
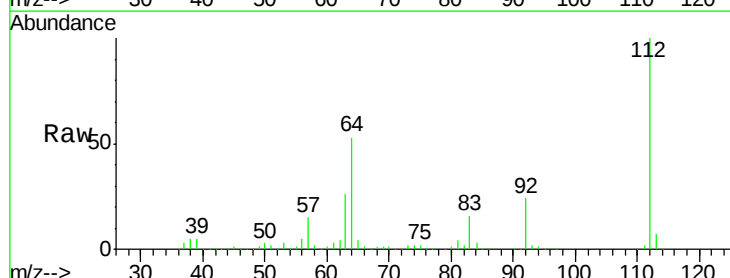
Instrument :
 BNA_F
 ClientSampleId :
 PB98552BL

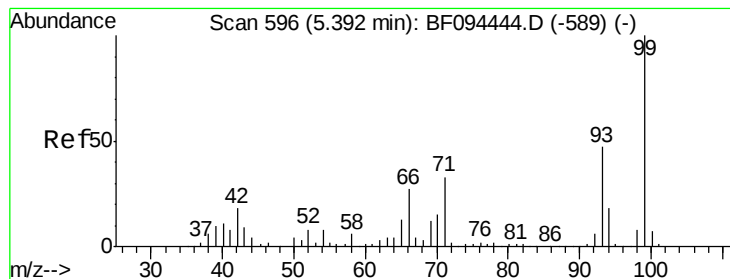
Tot Ion:152 Resp: 106445
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.2 189.2
 115 62.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 86.72 ng
 RT: 4.33 min Scan# 407
 Delta R.T. 0.03 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Tgt Ion:112 Resp: 556404
 Ion Ratio Lower Upper
 112 100
 64 52.5 46.0 69.0
 63 26.0 23.4 35.0





#7

Phenol-d6

Concen: 88.83 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094712.D

Acq: 30 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

PB98552BL

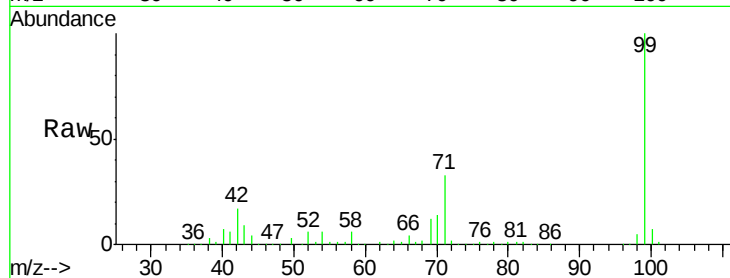
Tot Ion: 99 Resp: 671905

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

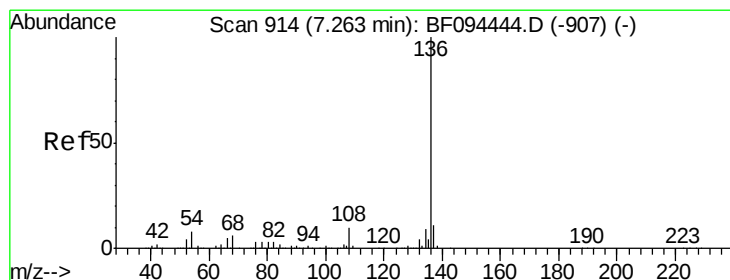
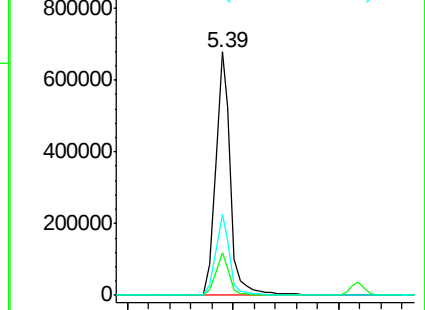
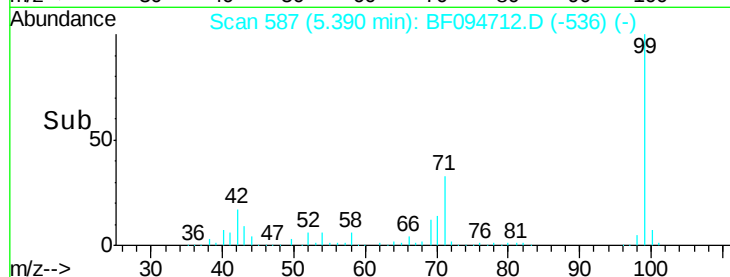
71 33.2 24.5 36.7



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: BF094712.D

Acq: 30 Apr 2017 14:11

Tgt Ion: 136 Resp: 440012

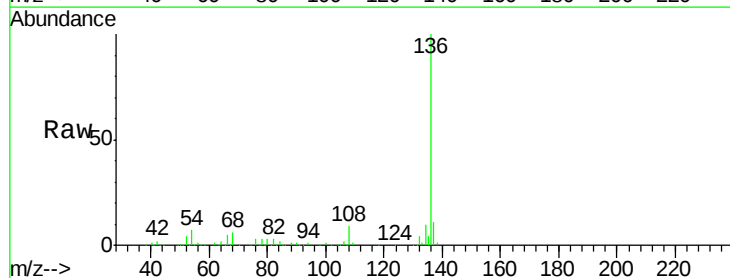
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

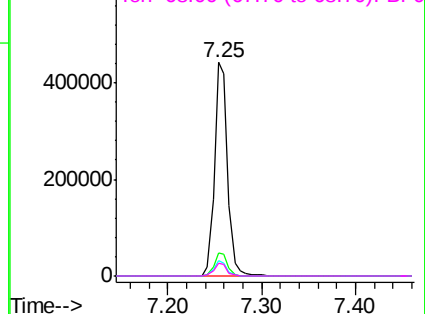
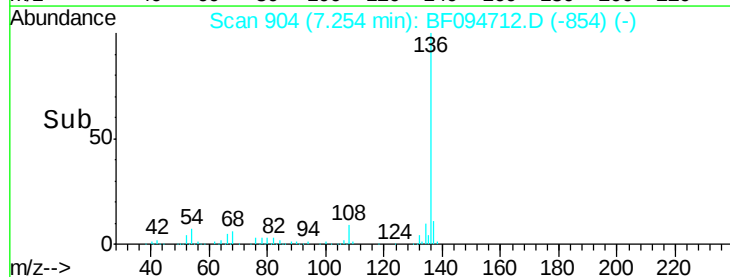


Abundance Ion 136.00 (135.70 to 136.70): E

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

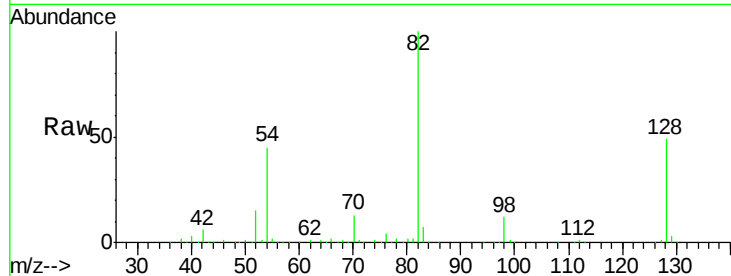




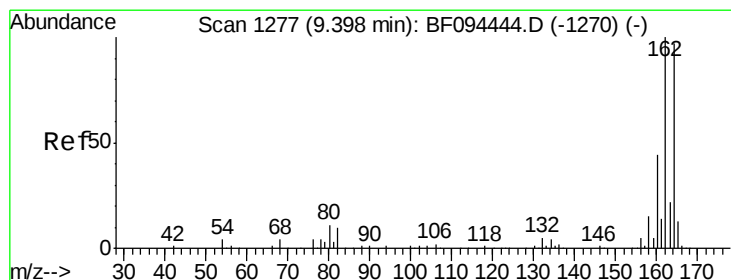
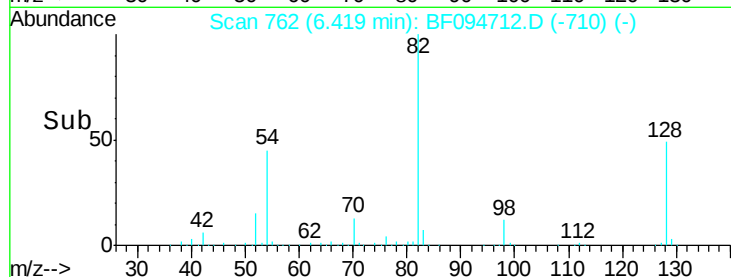
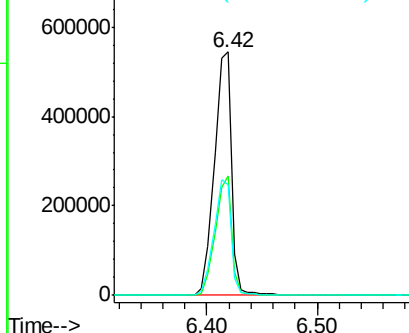
#23
 Nitrobenzene-d5
 Concen: 82.00 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BL

Tot Ion	82	Resp	584306
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	45.3	42.2	63.2

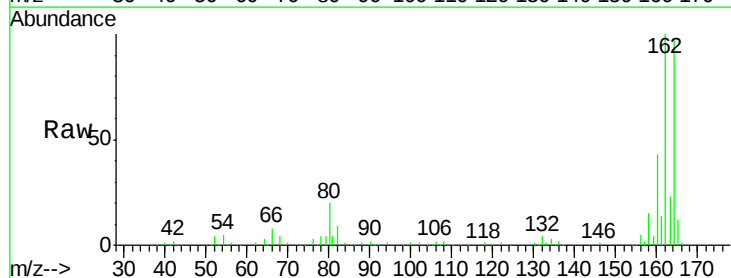


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

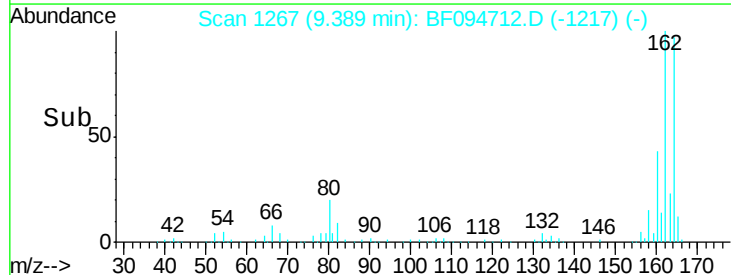
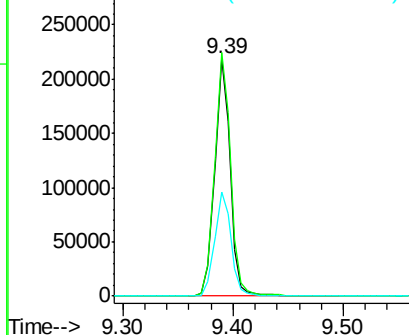


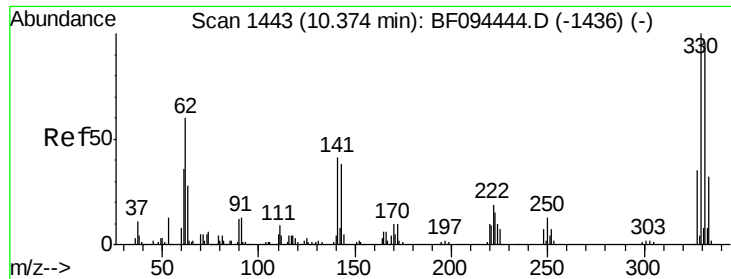
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Tgt Ion	164	Resp	211933
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.6</td> <td></td> <td></td>	82.6		
Upper <td>123.8</td> <td></td> <td></td>	123.8		
162	102.6	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

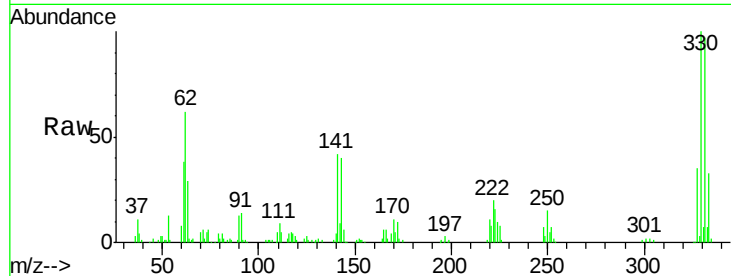




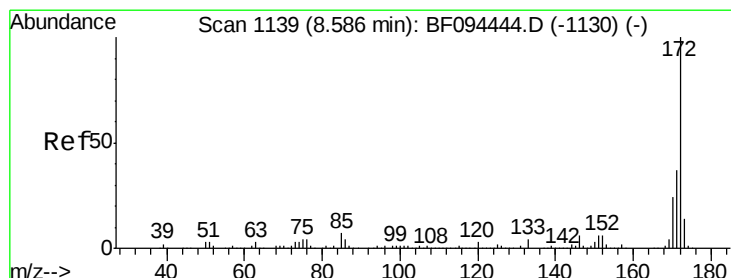
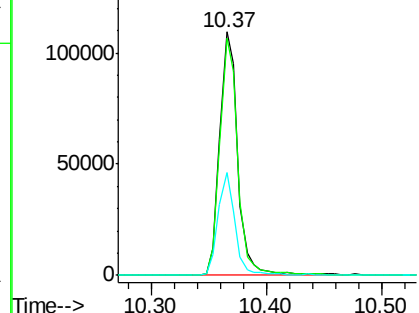
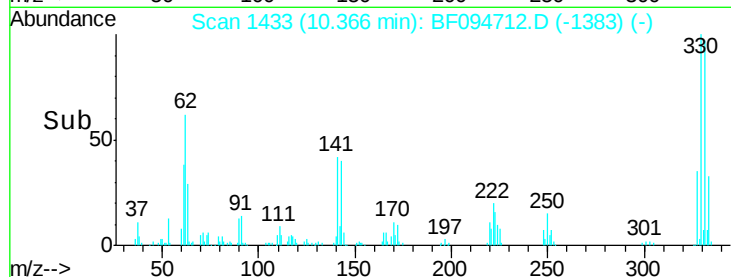
#41
 2,4,6-Tribromophenol
 Concen: 72.29 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampled :
 PB98552BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	39.7	31.4	47.2

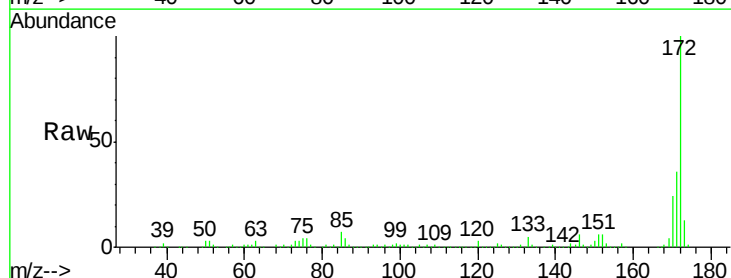


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

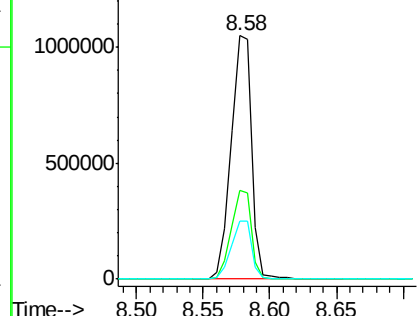
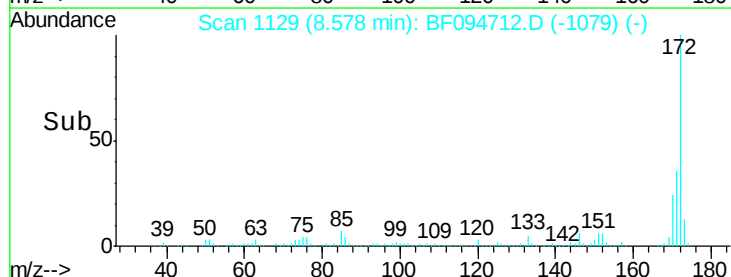


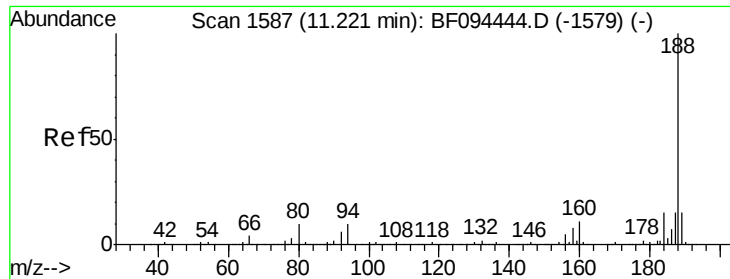
#44
 2-Fluorobiphenyl
 Concen: 79.86 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

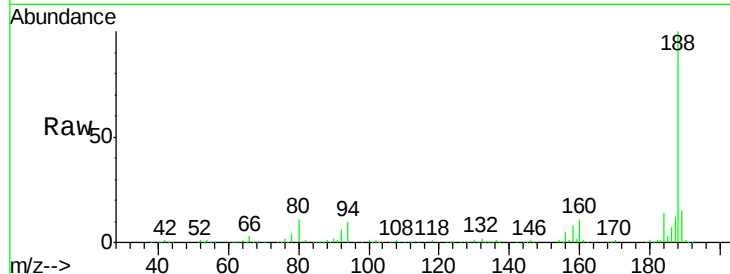




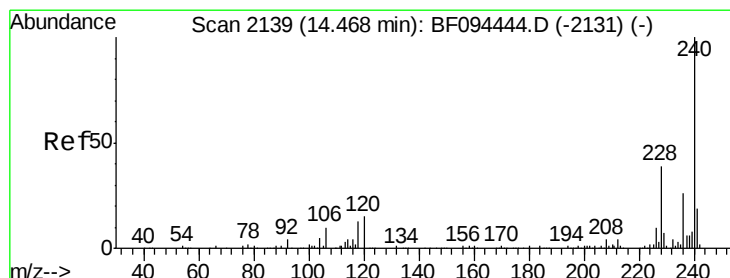
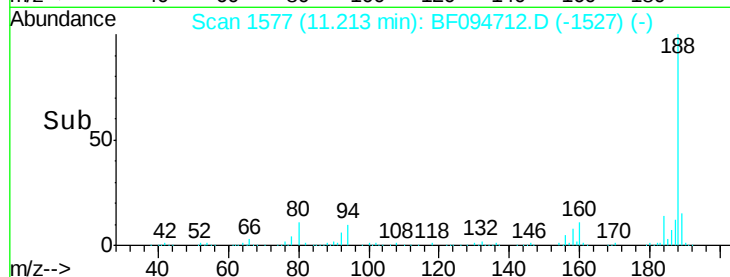
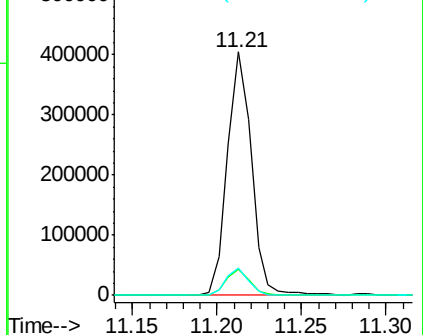
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094712.D
Acq: 30 Apr 2017 14:11

Instrument :
BNA_F
ClientSampled :
PB98552BL

Tot Ion:188 Resp: 403656
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.3 10.2 15.2

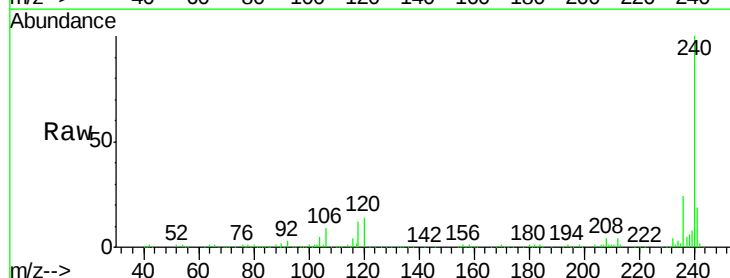


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

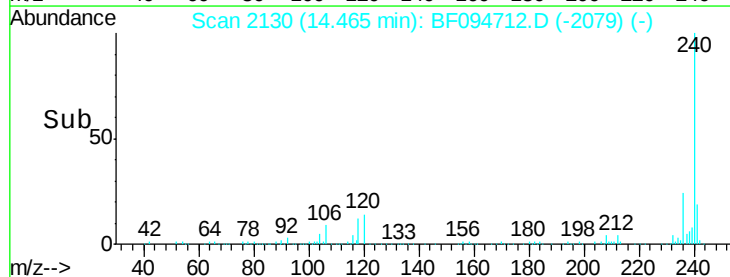
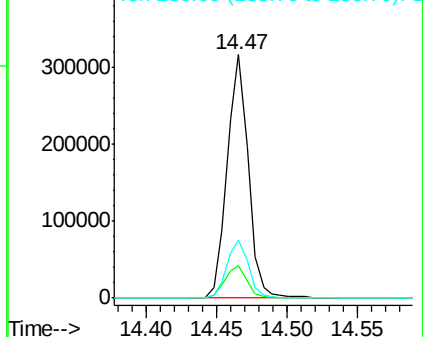


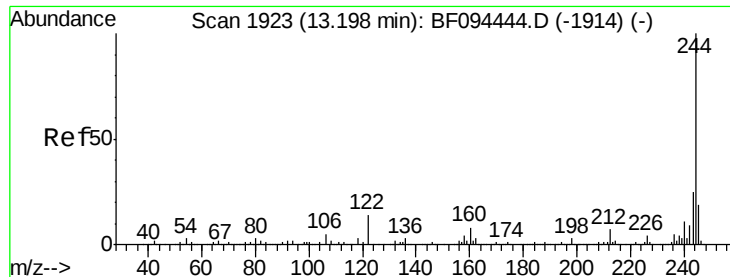
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094712.D
Acq: 30 Apr 2017 14:11

Tgt Ion:240 Resp: 330858
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 23.9 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

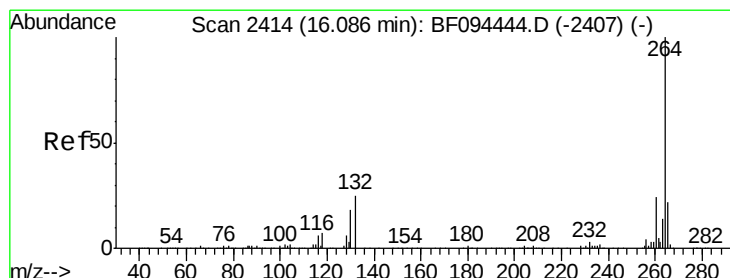
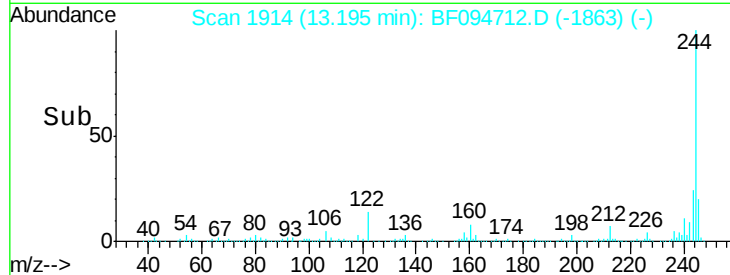
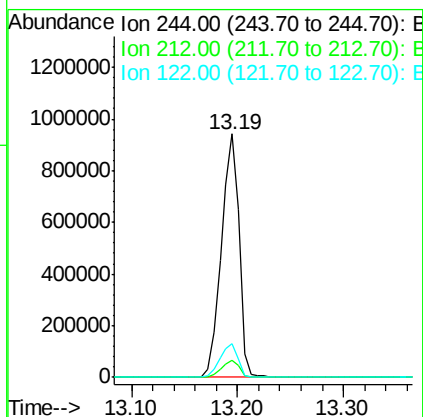
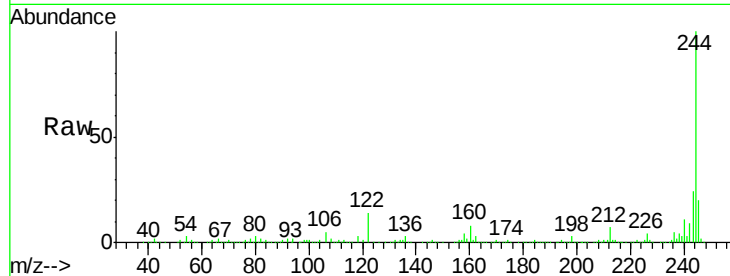




#78
 Terphenyl-d14
 Concen: 89.28 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BL

Tot Ion:244 Resp: 1105107
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094712.D
 Acq: 30 Apr 2017 14:11

Tgt Ion:264 Resp: 220959
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.5 17.2 25.8

