

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094432.D
 Acq On : 14 Apr 2017 17:01
 Operator : SJ/MA
 Sample : PB98252BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98252BL

Quant Time: Apr 15 00:52:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	147473	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	593331	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	280059	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	521176	20.00	ng	0.00
75) Chrysene-d12	14.47	240	451898	20.00	ng	0.00
86) Perylene-d12	16.09	264	307749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	742113	84.99	ng	0.01
7) Phenol-d6	5.40	99	917693	84.96	ng	0.00
23) Nitrobenzene-d5	6.42	82	816846	78.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	169381	76.54	ng	-0.01
44) 2-Fluorobiphenyl	8.60	172	1523503	82.97	ng	0.00
78) Terphenyl-d14	13.21	244	1452740	72.06	ng	0.00

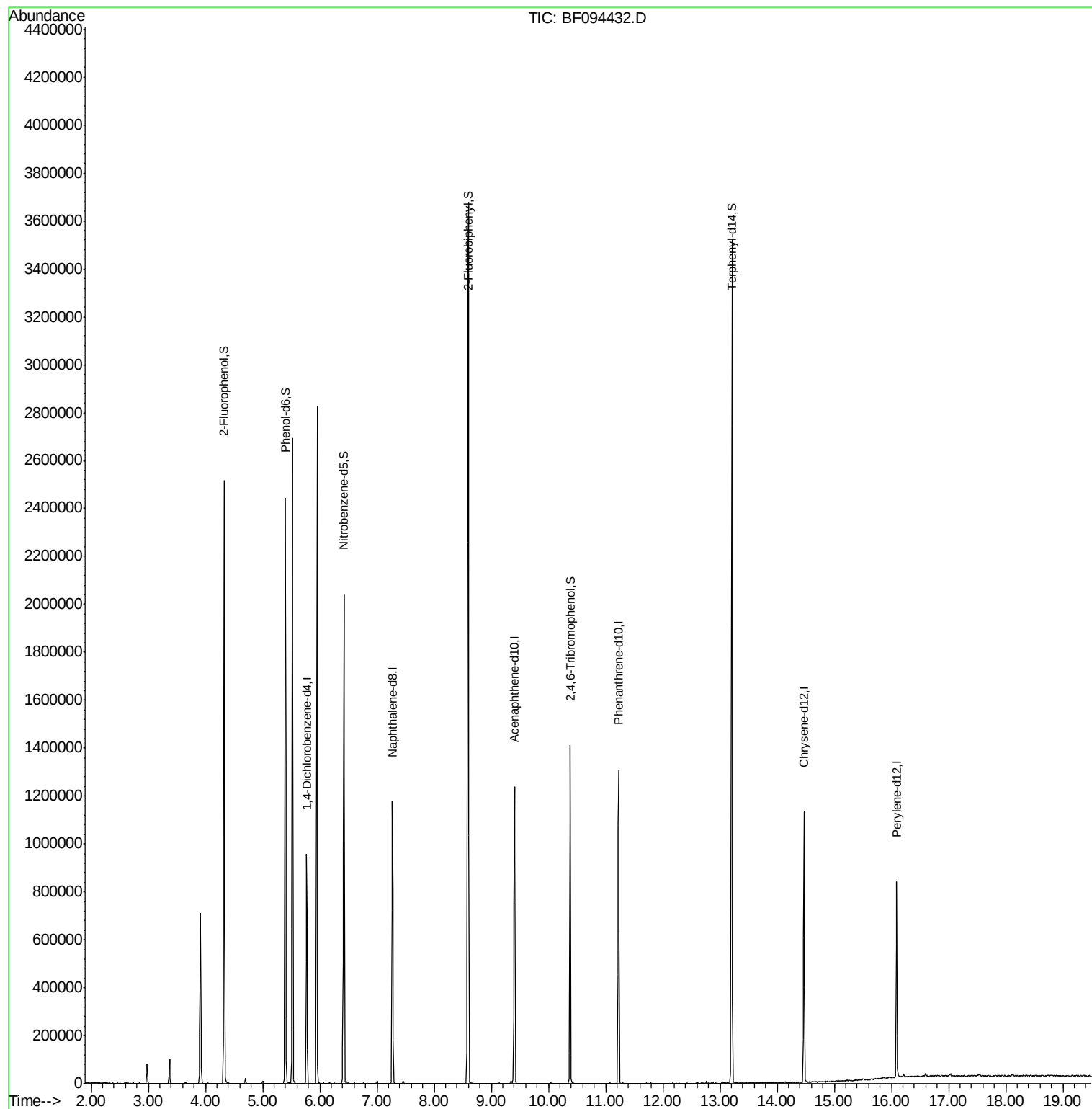
Target Compounds Qvalue

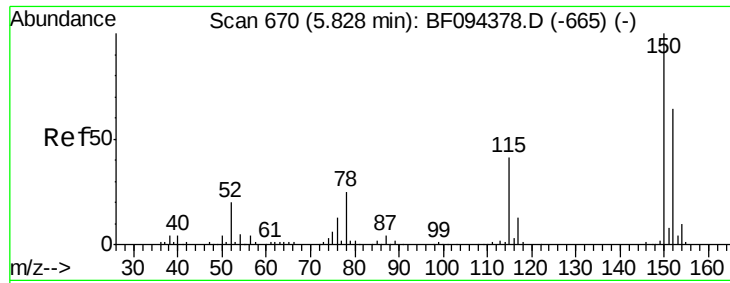
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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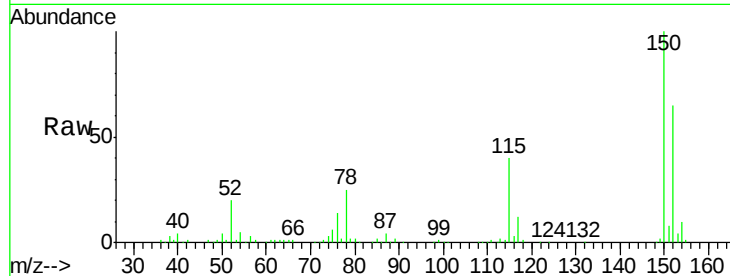


#1

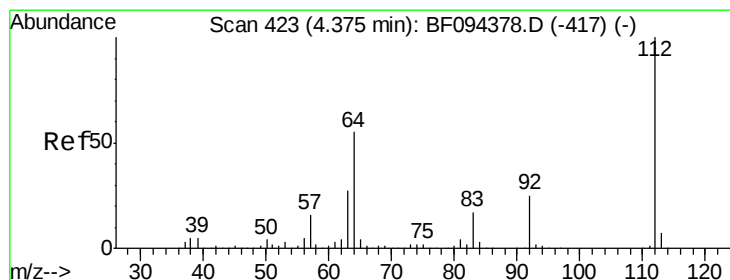
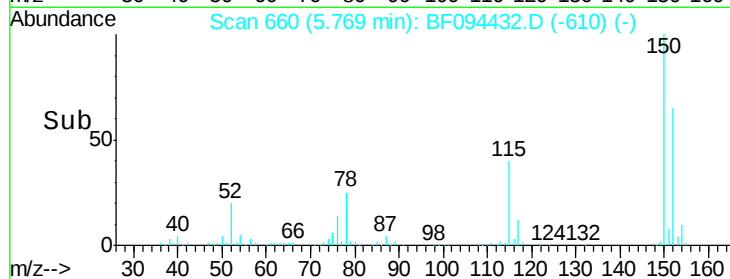
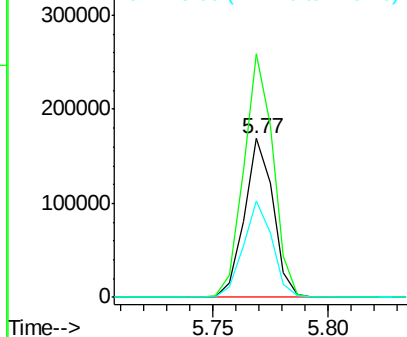
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF094432.D
Acq: 14 Apr 2017 17:01

Instrument :
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ClientSampleId :
PB98252BL

Tot Ion:152 Resp: 147473
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.2
115 61.0 52.2 78.2



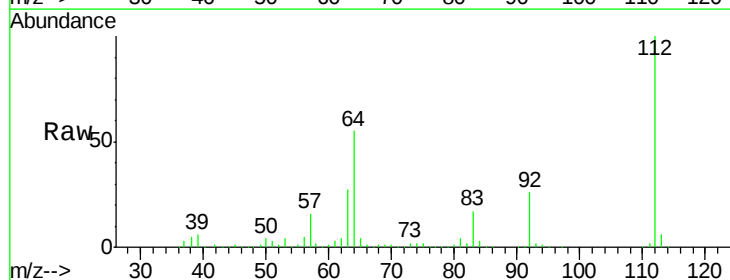
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



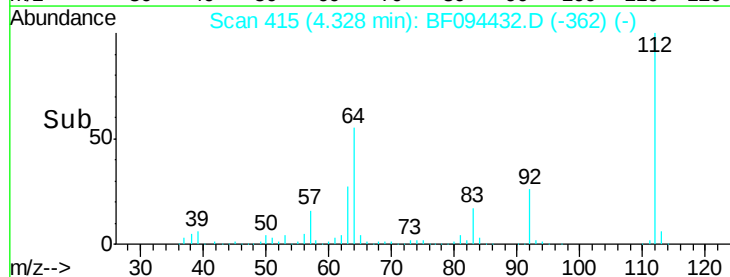
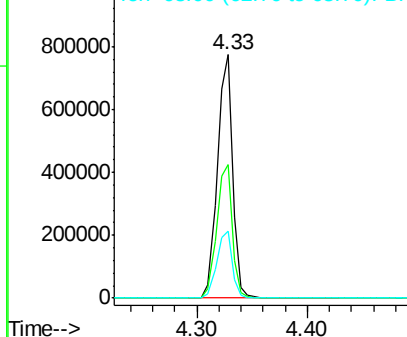
#5

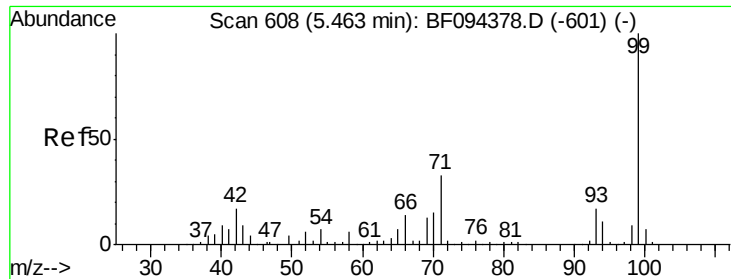
2-Fluorophenol
Concen: 84.99 ng
RT: 4.33 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF094432.D
Acq: 14 Apr 2017 17:01

Tgt Ion:112 Resp: 742113
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 27.3 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: 84.96 ng

RT: 5.40 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF094432.D

Acq: 14 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB98252BL

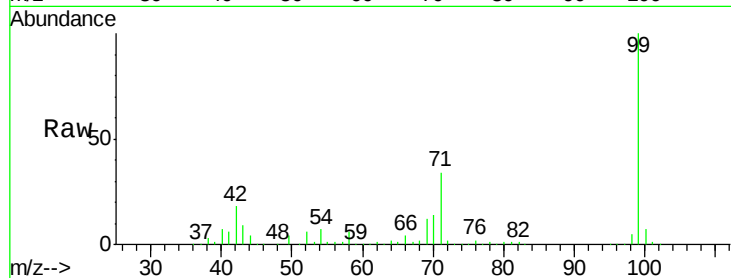
Tot Ion: 99 Resp: 917693

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

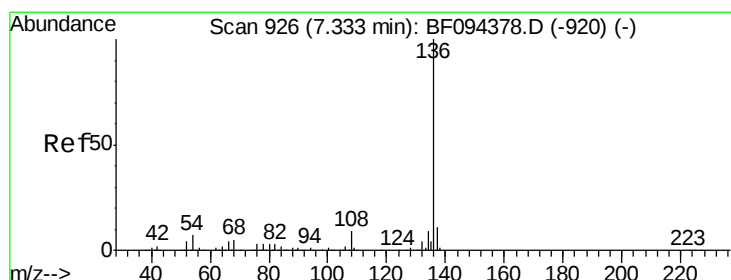
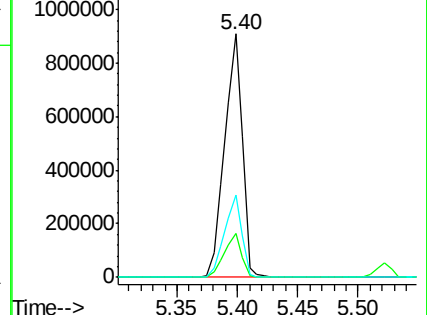
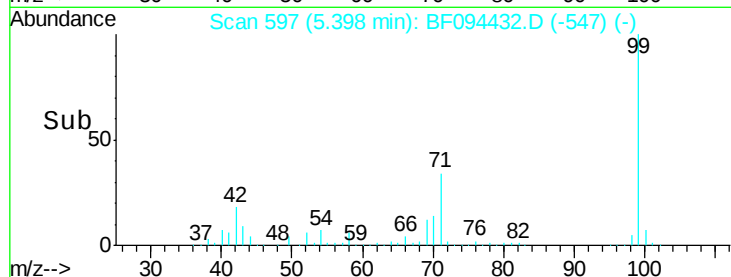
71 33.9 24.5 36.7



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# 915

Delta R.T. -0.01 min

Lab File: BF094432.D

Acq: 14 Apr 2017 17:01

Tgt Ion: 136 Resp: 593331

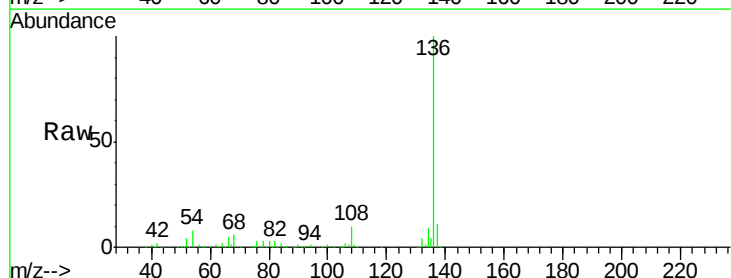
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.7 4.9 7.3#

68 5.6 4.1 6.1

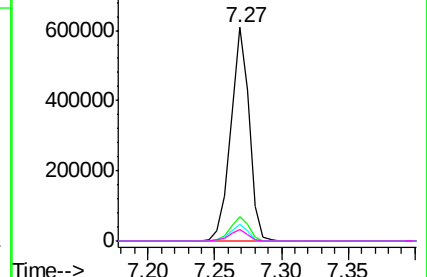
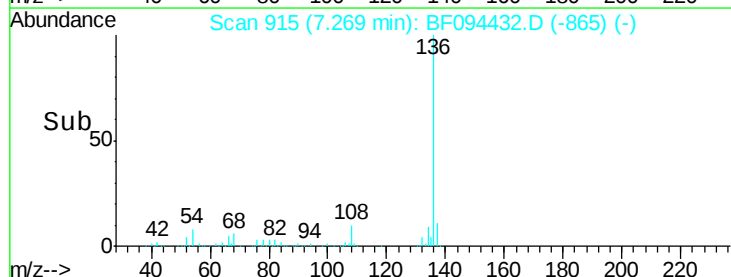


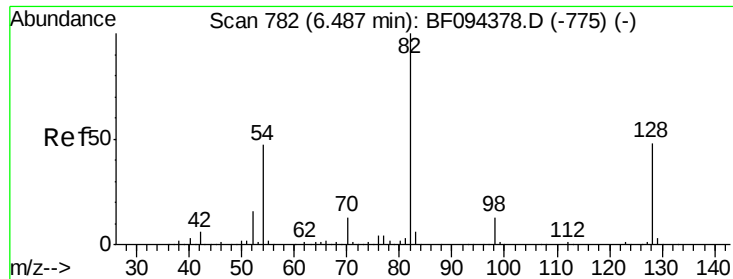
Abundance Ion 136.00 (135.70 to 136.70): E

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

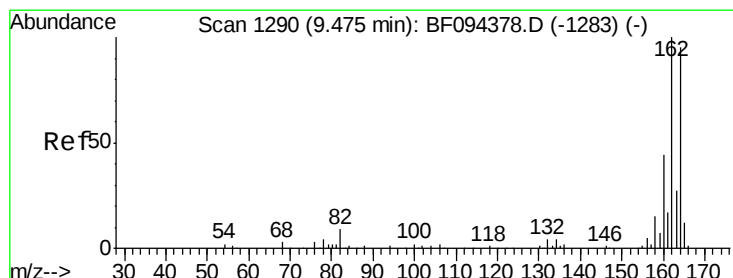
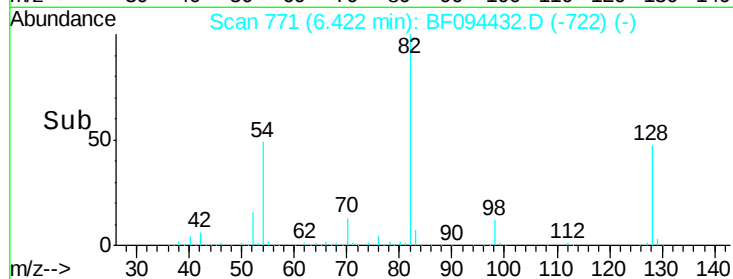
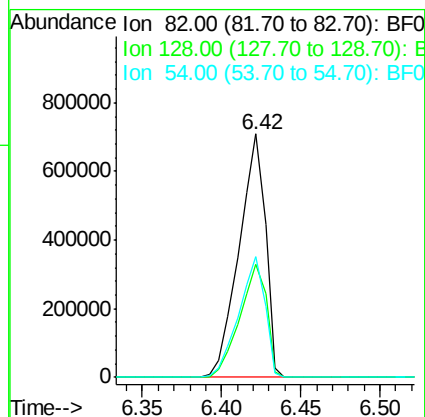
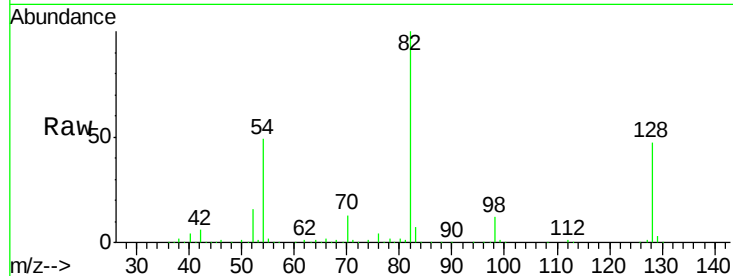




#23
 Nitrobenzene-d5
 Concen: 78.57 ng
 RT: 6.42 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF094432.D
 Acq: 14 Apr 2017 17:01

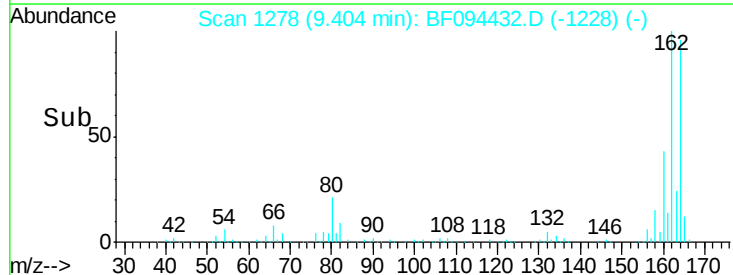
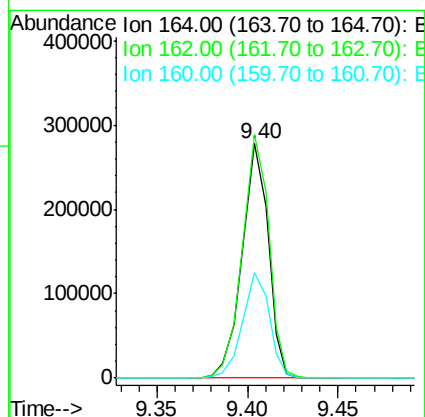
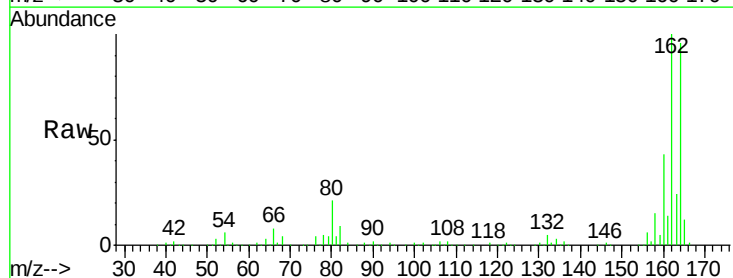
Instrument :
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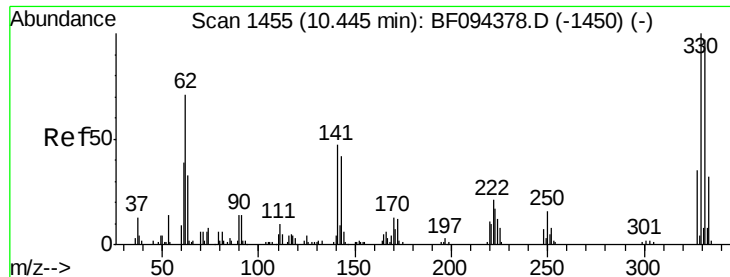
Tot Ion: 82 Resp: 816846
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 49.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF094432.D
 Acq: 14 Apr 2017 17:01

Tgt Ion: 164 Resp: 280059
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 45.2 36.2 54.2

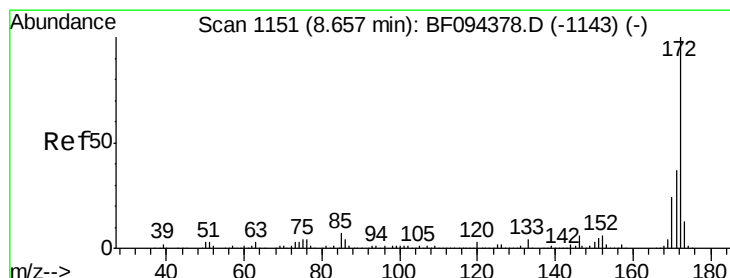
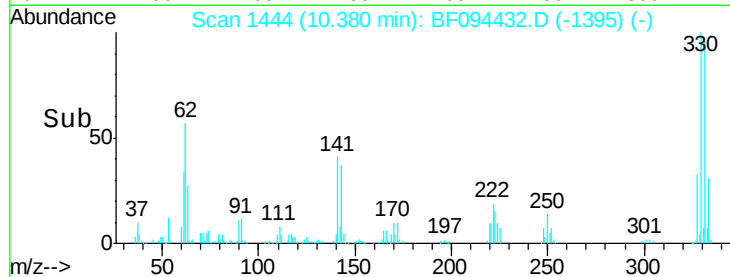
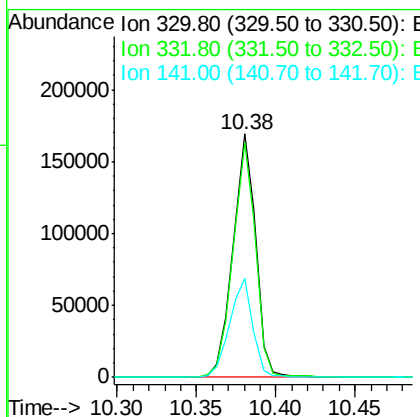
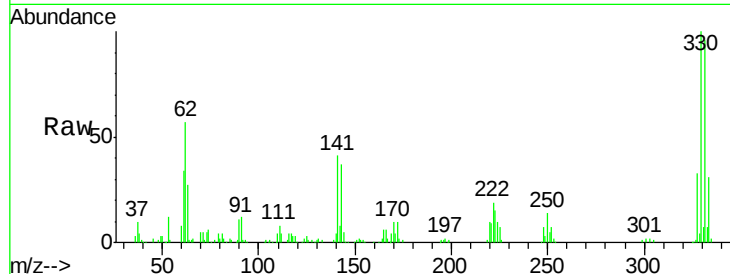




#41
 2,4,6-Tribromophenol
 Concen: 76.54 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF094432.D
 Acq: 14 Apr 2017 17:01

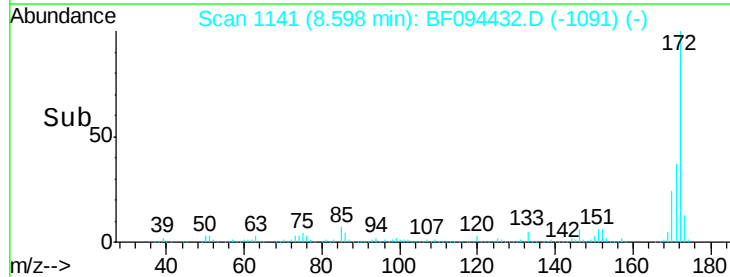
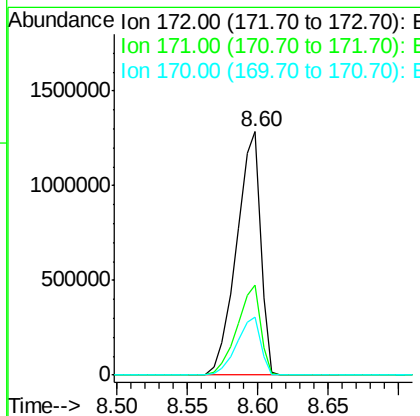
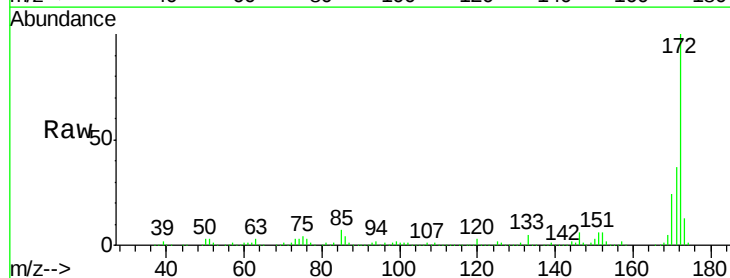
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BL

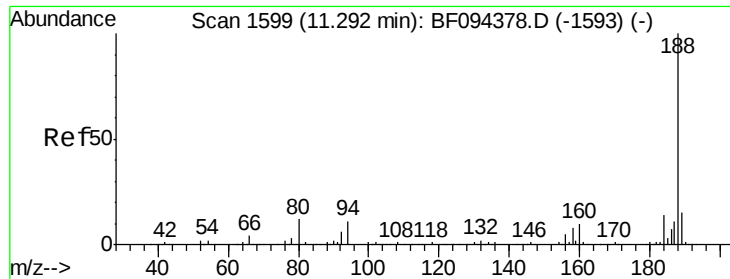
Tot Ion:330 Resp: 169381
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 41.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 82.97 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094432.D
 Acq: 14 Apr 2017 17:01

Tgt Ion:172 Resp: 1523503
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.8 19.8 29.8

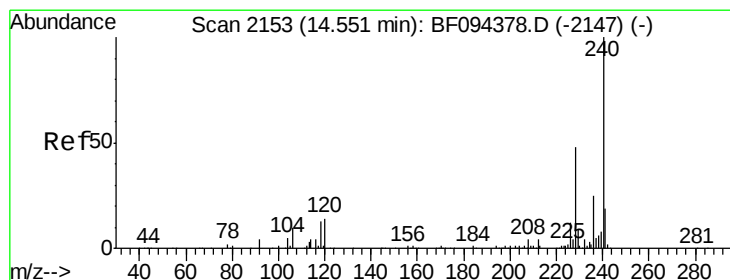
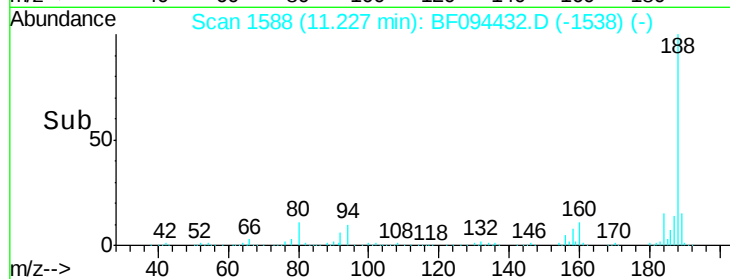
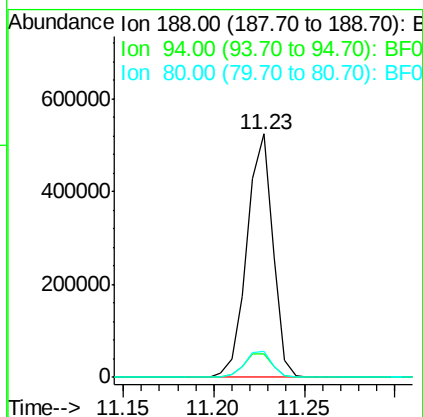
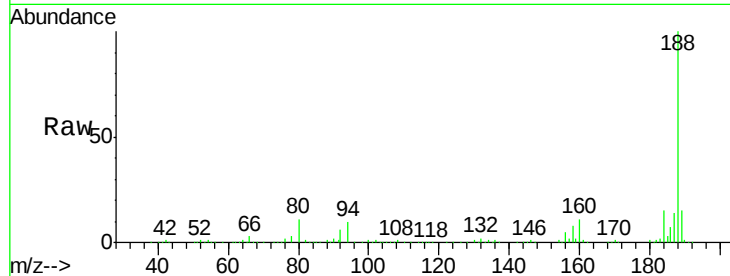




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF094432.D
 Acq: 14 Apr 2017 17:01

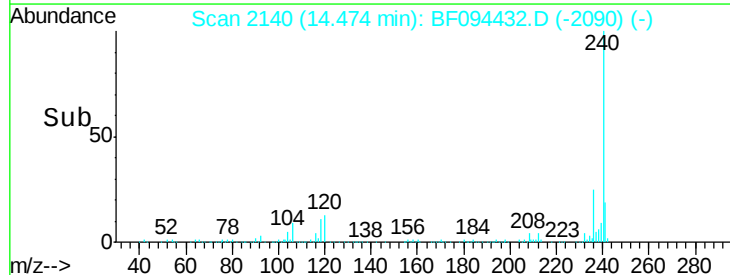
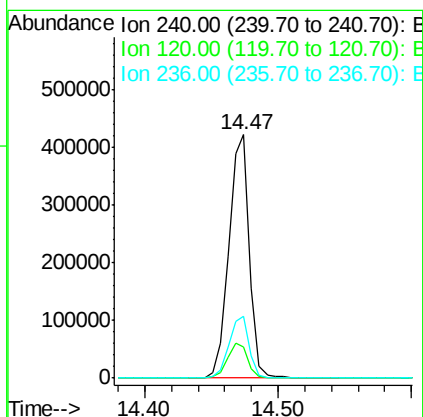
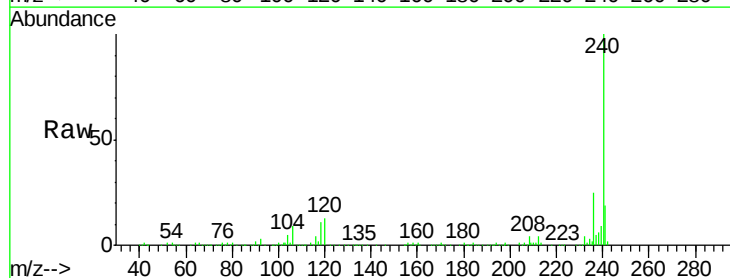
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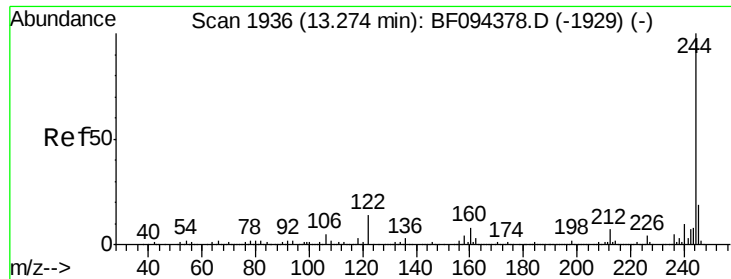
Tot Ion:188 Resp: 521176
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 10.7 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BF094432.D
 Acq: 14 Apr 2017 17:01

Tgt Ion:240 Resp: 451898
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.8 8.8#
 236 25.3 20.5 30.7

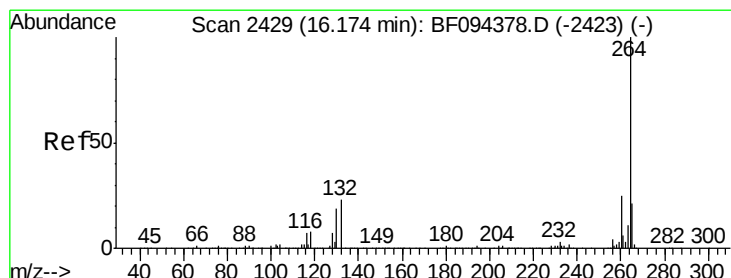
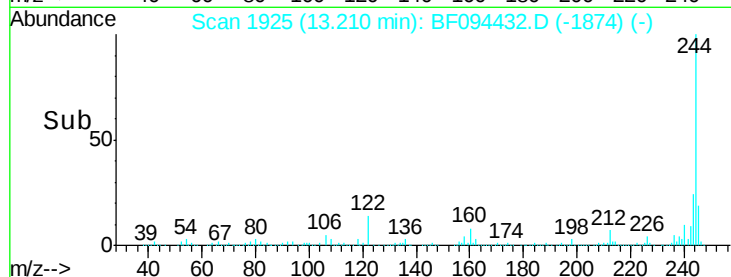
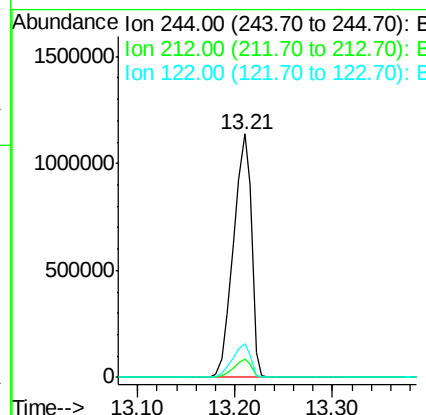
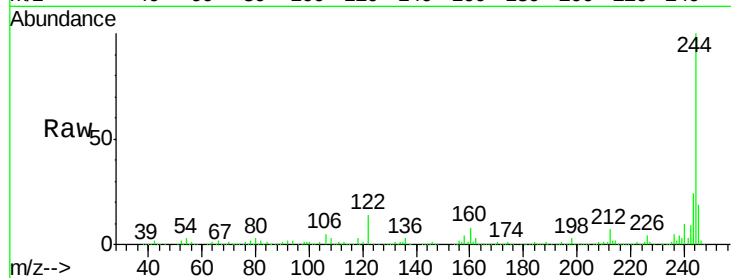




#78
 Terphenyl-d14
 Concen: 72.06 ng
 RT: 13.21 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BF094432.D
 Acq: 14 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB98252BL

Tot Ion:244 Resp: 1452740
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BF094432.D
 Acq: 14 Apr 2017 17:01

Tgt Ion:264 Resp: 307749
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.1 17.2 25.8

