

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094538.D
 Acq On : 20 Apr 2017 12:15
 Operator : SJ/MA
 Sample : PB98356BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BL

Quant Time: Apr 20 17:42:31 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	120382	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	477543	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	221923	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	430343	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	386320	20.00	ng	0.00
86) Perylene-d12	16.08	264	278820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	931248	128.34	ng	0.02
7) Phenol-d6	5.40	99	1137907	133.02	ng	0.00
23) Nitrobenzene-d5	6.41	82	713135	92.21	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	255671	147.29	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1305818	86.58	ng	0.00
78) Terphenyl-d14	13.19	244	1307765	90.48	ng	0.00

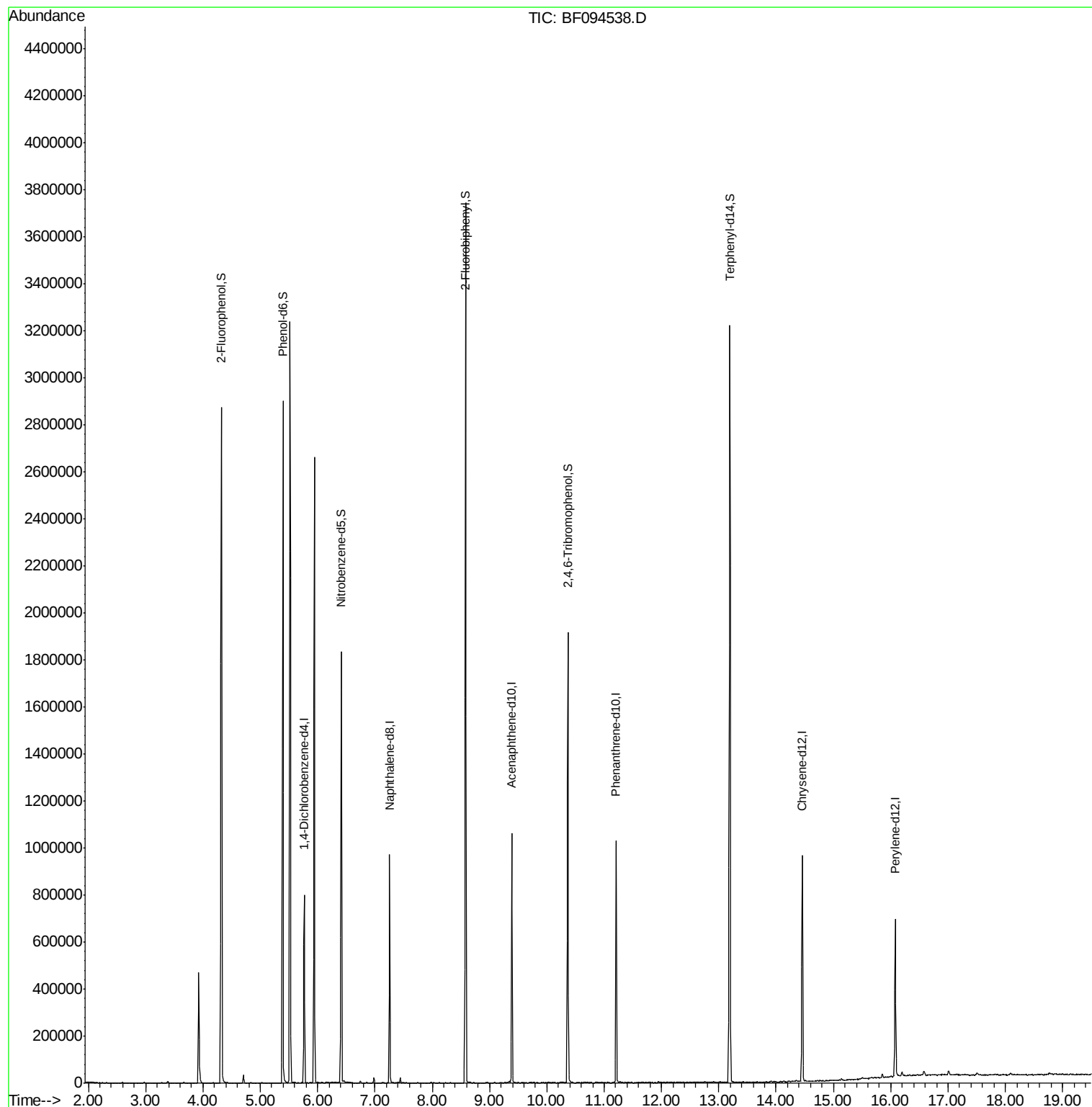
Target Compounds Qvalue

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

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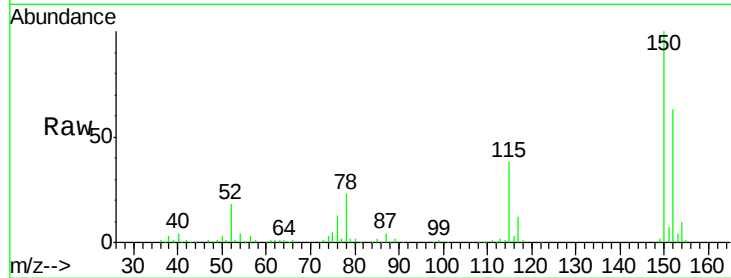


#1

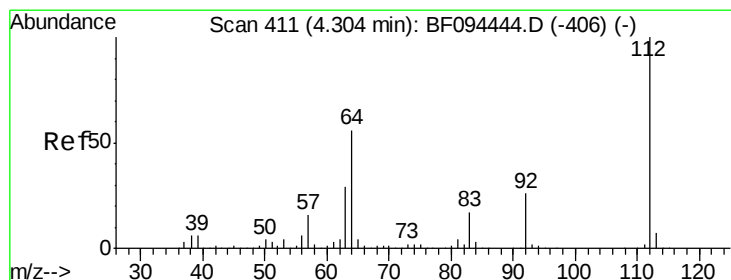
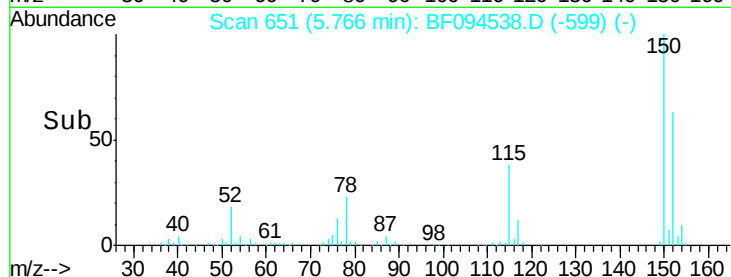
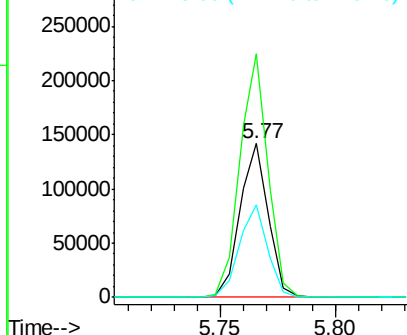
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094538.D
Acq: 20 Apr 2017 12:15

Instrument :
BNA_F
ClientSampleId :
PB98356BL

Tot Ion:152 Resp: 120382
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 60.6 52.2 78.2



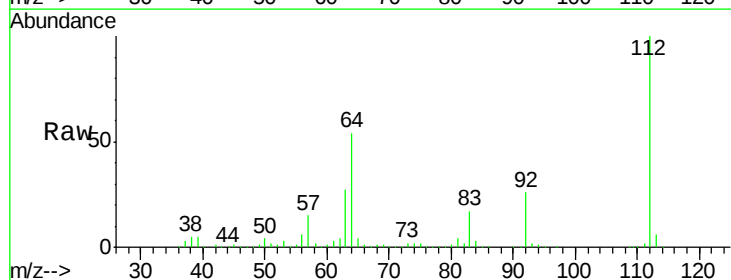
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



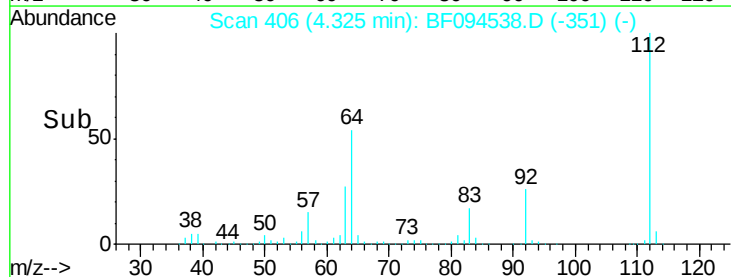
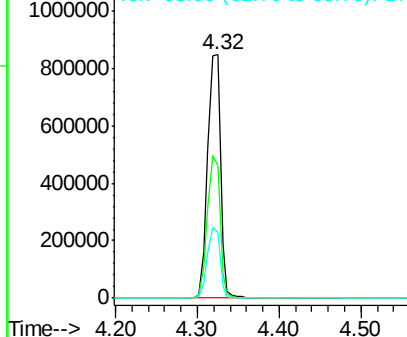
#5

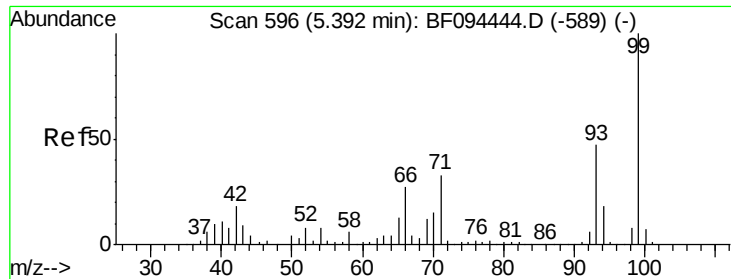
2-Fluorophenol
Concen: 128.34 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094538.D
Acq: 20 Apr 2017 12:15

Tgt Ion:112 Resp: 931248
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 27.0 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: 133.02 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094538.D

Acq: 20 Apr 2017 12:15

Instrument :

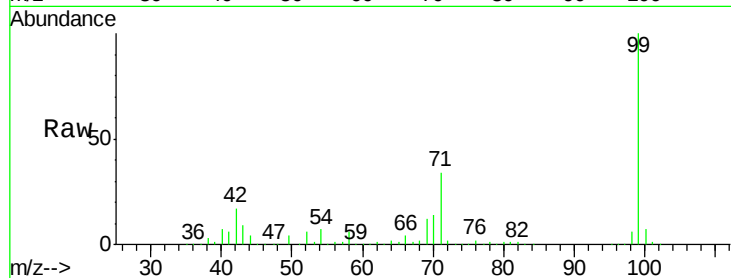
BNA_F

ClientSampled :

PB98356BL

Tot Ion: 99 Resp: 1137907

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.7	24.5	36.7

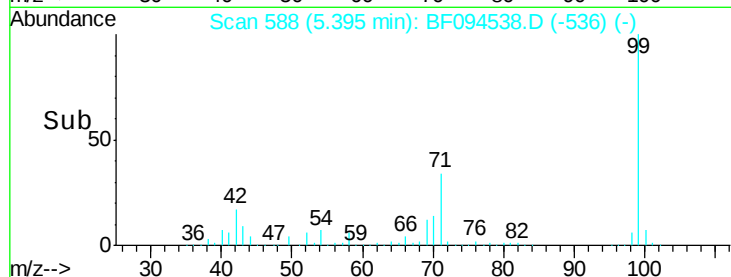


Abundance

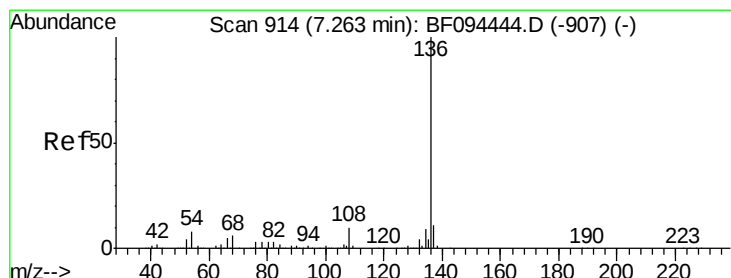
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

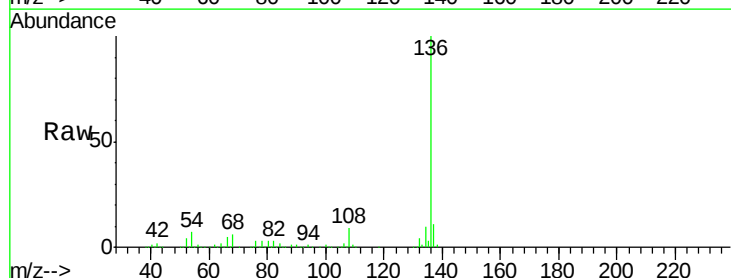
Delta R.T. -0.01 min

Lab File: BF094538.D

Acq: 20 Apr 2017 12:15

Tgt Ion: 136 Resp: 477543

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.5	4.9	7.3#
68	6.0	4.1	6.1



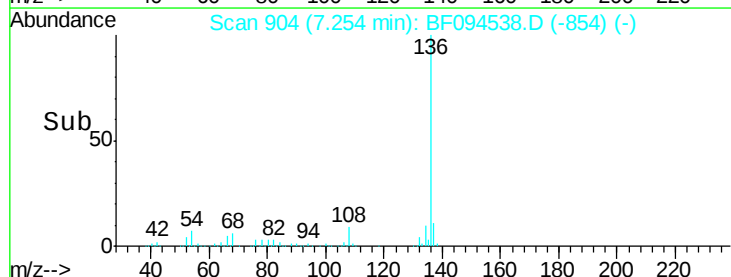
Abundance

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



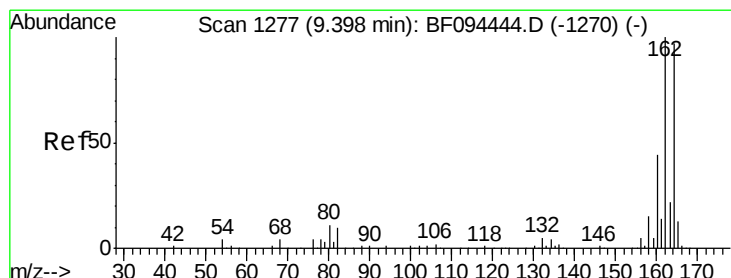
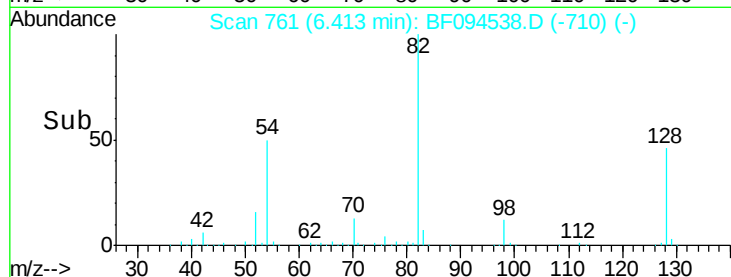
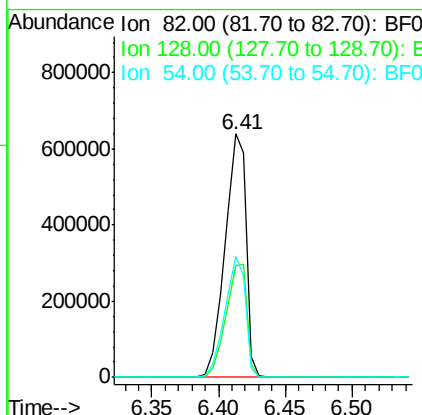
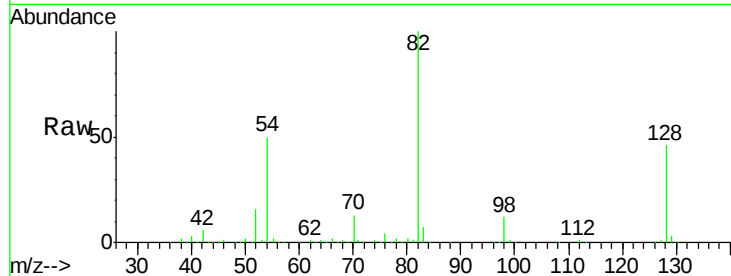
Time-->



#23
 Nitrobenzene-d5
 Concen: 92.21 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

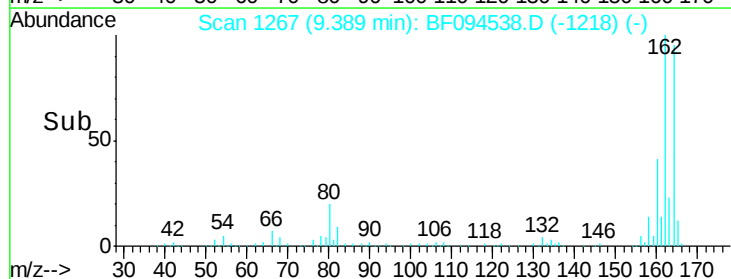
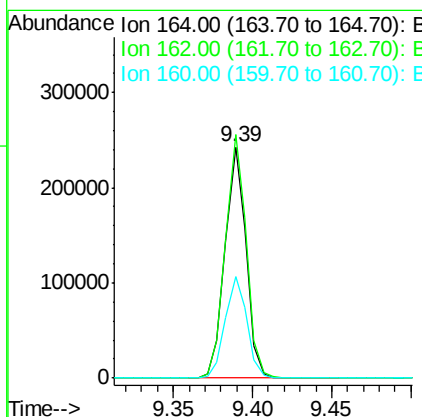
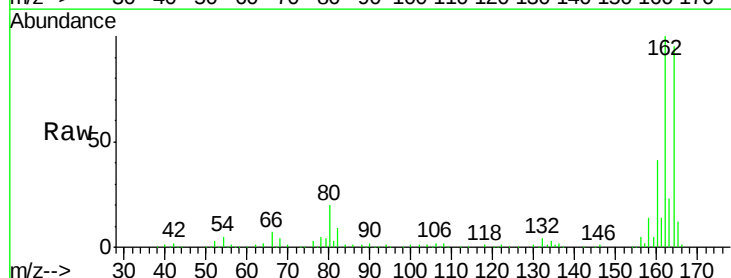
Instrument :
 BNA_F
 ClientSampleID :
 PB98356BL

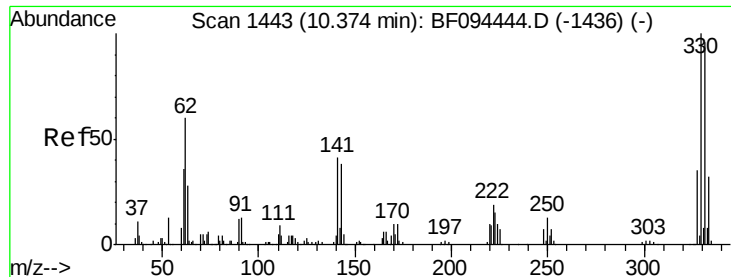
Tot Ion	82	Resp	713135
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	49.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Tgt Ion	164	Resp	221923
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	105.3	36.2	54.2
160	43.7		

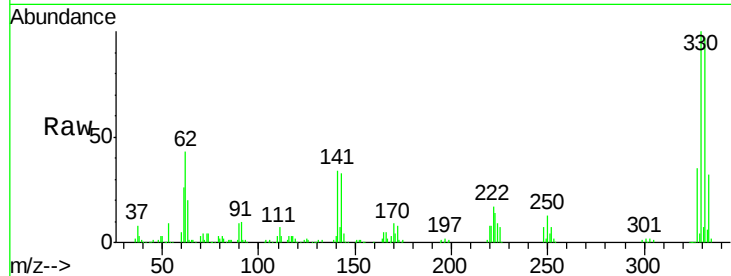




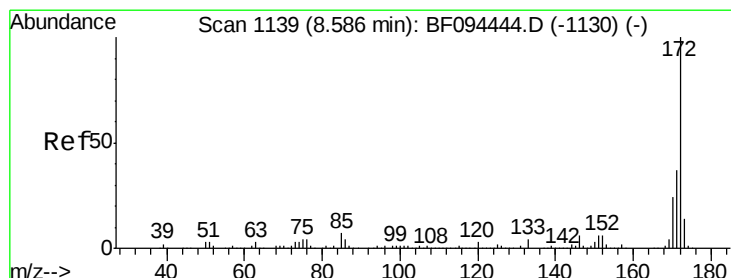
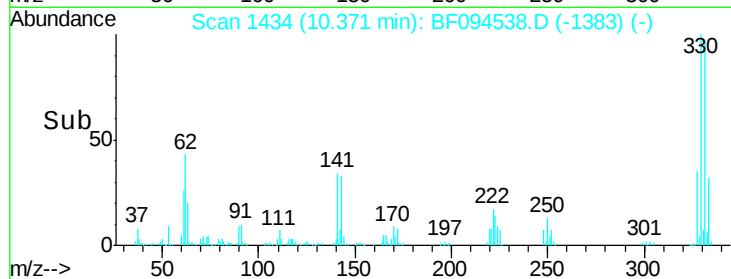
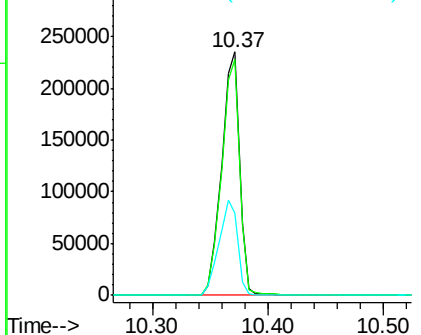
#41
 2,4,6-Tribromophenol
 Concen: 147.29 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB98356BL

Tot Ion:330 Resp: 255671
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 40.5 31.4 47.2

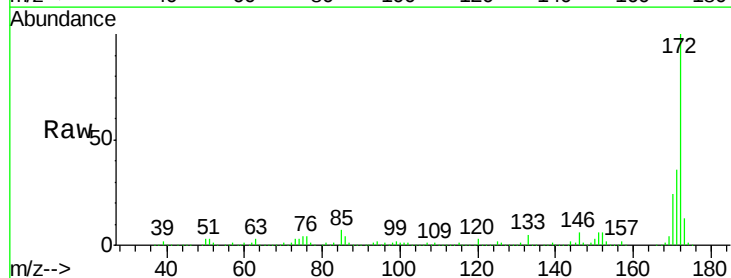


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

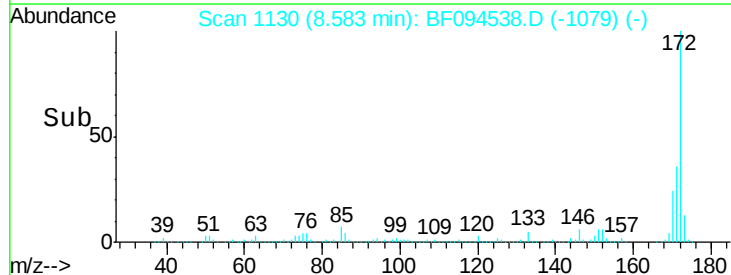
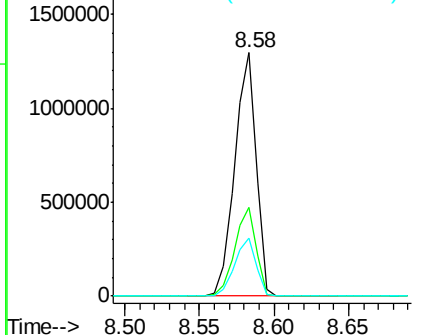


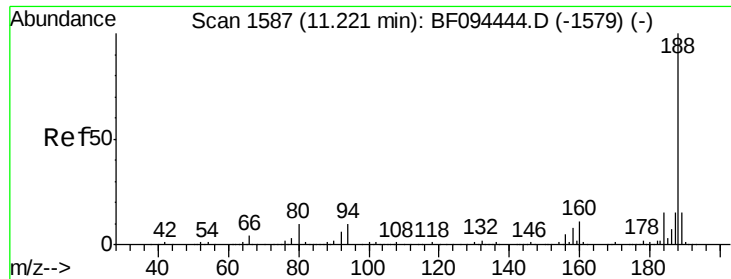
#44
 2-Fluorobiphenyl
 Concen: 86.58 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Tgt Ion:172 Resp: 1305818
 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

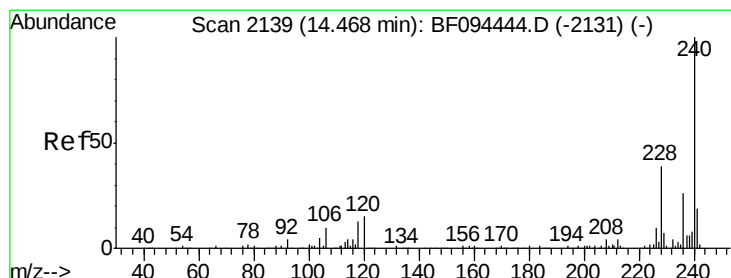
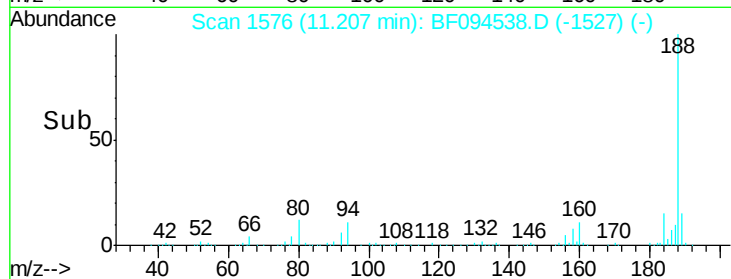
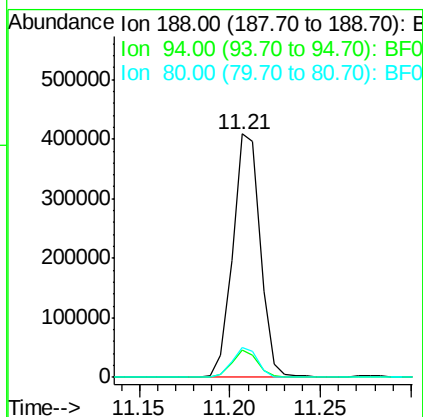
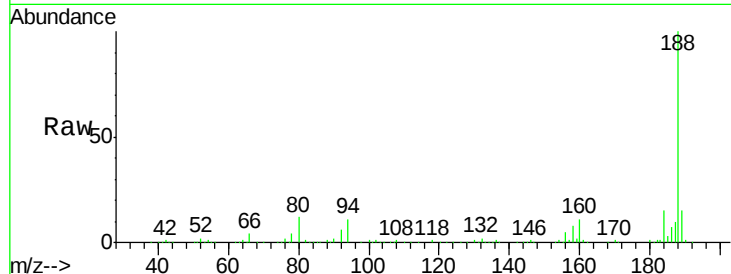




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094538.D
Acq: 20 Apr 2017 12:15

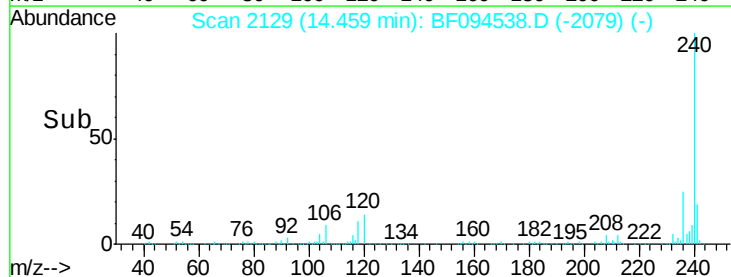
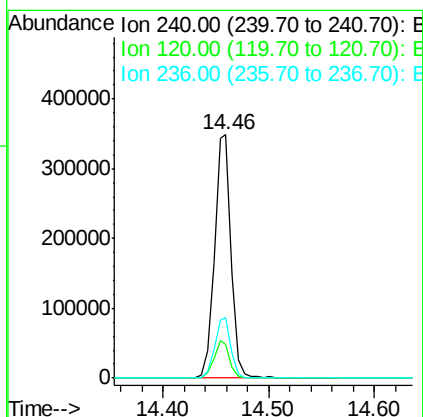
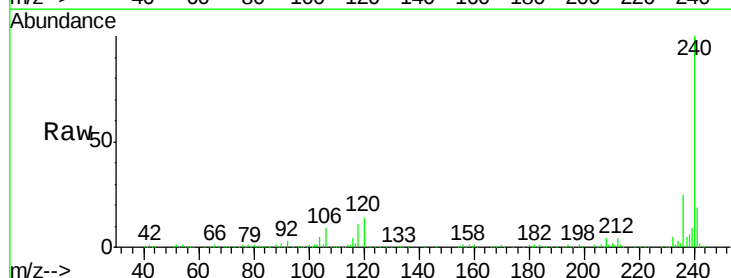
Instrument :
BNA_F
ClientSampled :
PB98356BL

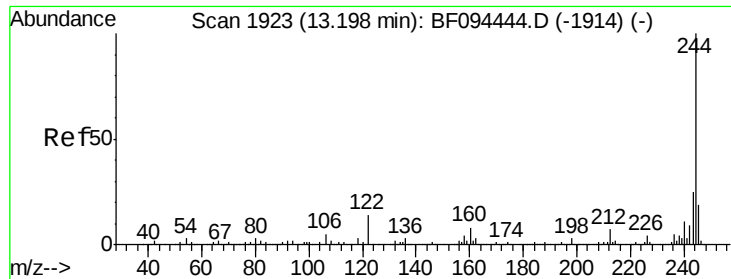
Tot Ion:188 Resp: 430343
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094538.D
Acq: 20 Apr 2017 12:15

Tgt Ion:240 Resp: 386320
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.1 20.5 30.7

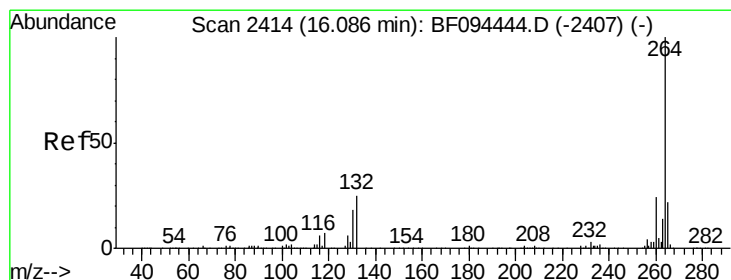
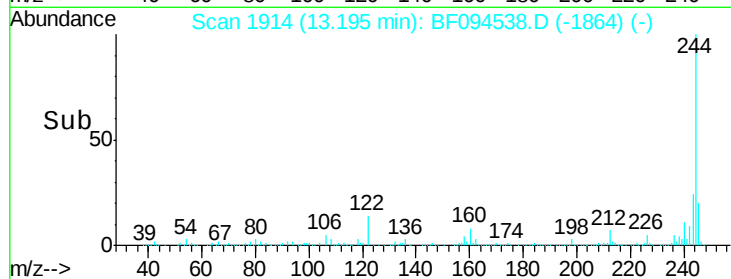
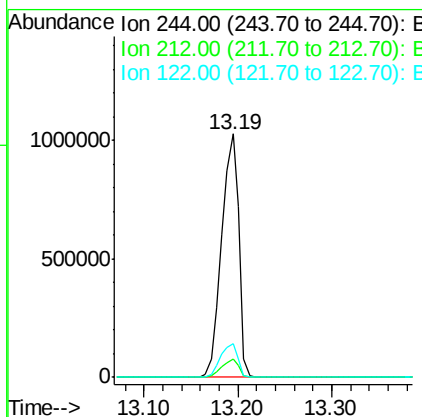
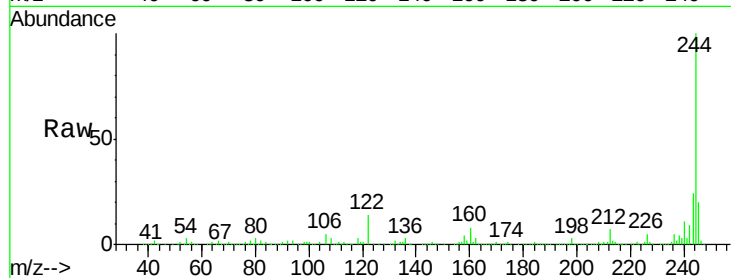




#78
 Terphenyl-d14
 Concen: 90.48 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Instrument :
 BNA_F
 ClientSampleID :
 PB98356BL

Tot Ion:244 Resp: 1307765
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Tgt Ion:264 Resp: 278820
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.2 17.2 25.8

