

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094590.D
 Acq On : 24 Apr 2017 17:31
 Operator : SJ/MA
 Sample : PB98421TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98421TB

Quant Time: Apr 25 05:33:19 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	5.75	152	146992	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	558266	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	236119	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	384435	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	262390	20.00	ng	-0.02
86) Perylene-d12	16.07	264	238572	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1121715	126.61	ng	0.02
7) Phenol-d6	5.39	99	1376605	131.80	ng	0.00
23) Nitrobenzene-d5	6.41	82	820839	90.79	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	220967	119.64	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1445572	90.08	ng	-0.01
78) Terphenyl-d14	13.18	244	1032062	105.13	ng	-0.01

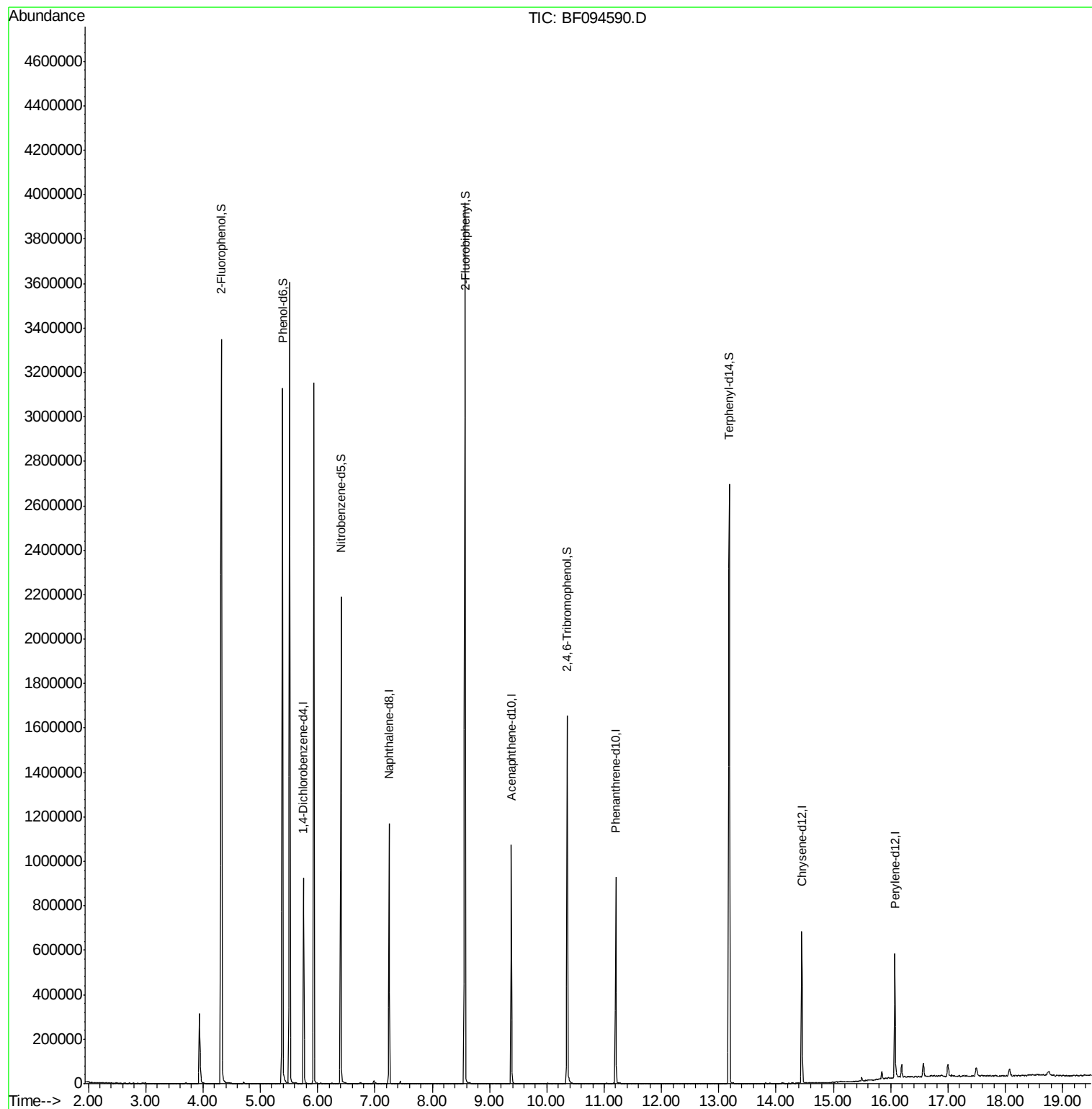
Target Compounds Qvalue

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

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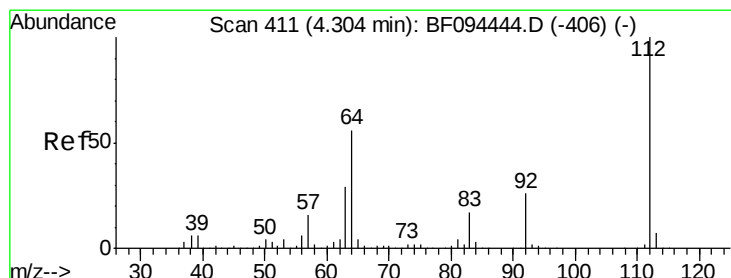
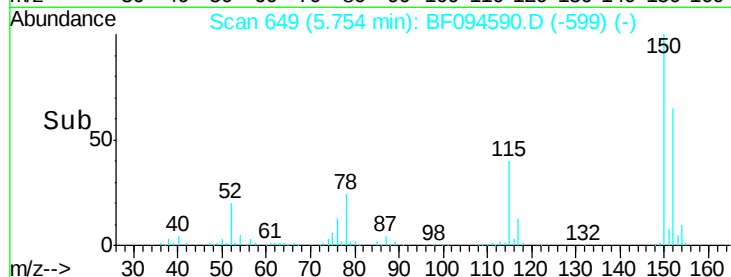
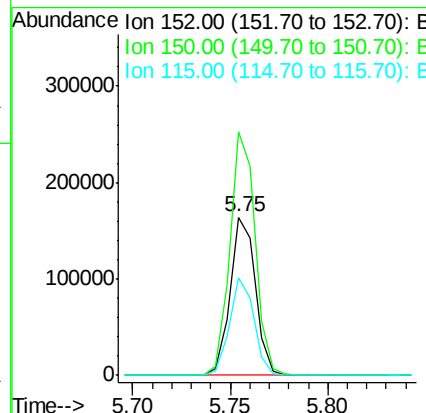
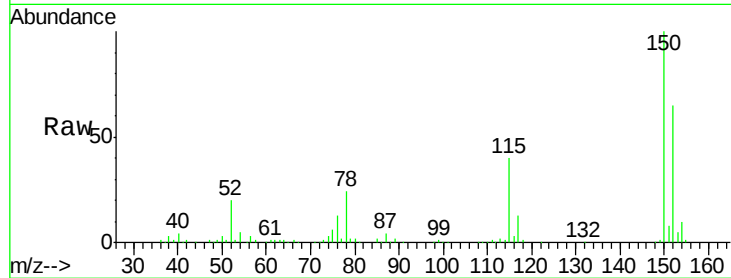


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

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BNA_F
ClientSampleId :
PB98421TB

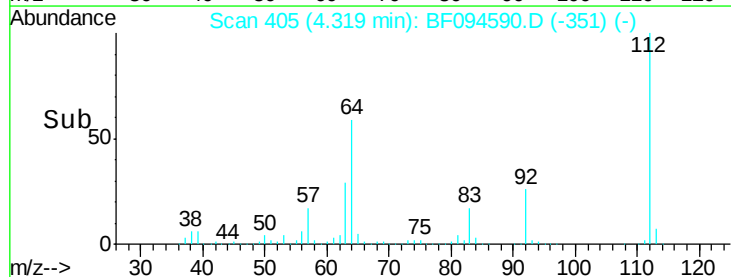
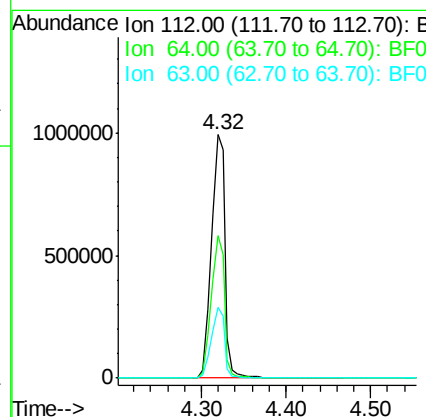
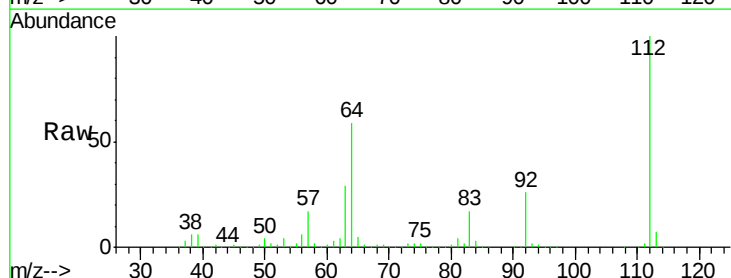
Tot Ion:152 Resp: 146992
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 61.5 52.2 78.2

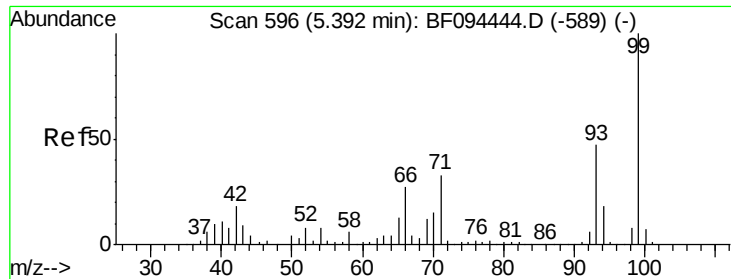


#5

2-Fluorophenol
Concen: 126.61 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

Tgt Ion:112 Resp: 1121715
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 29.3 23.4 35.0





#7

Phenol-d6

Concen: 131.80 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

Instrument :

BNA_F

ClientSampled :

PB98421TB

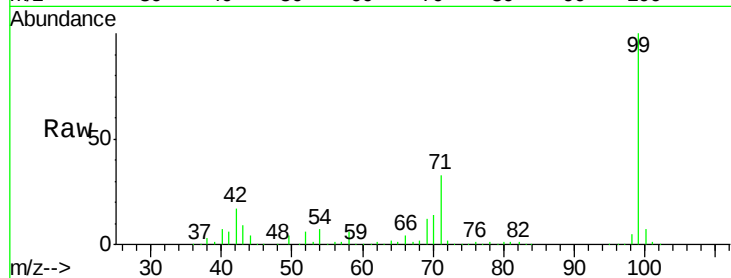
Tot Ion: 99 Resp: 1376605

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

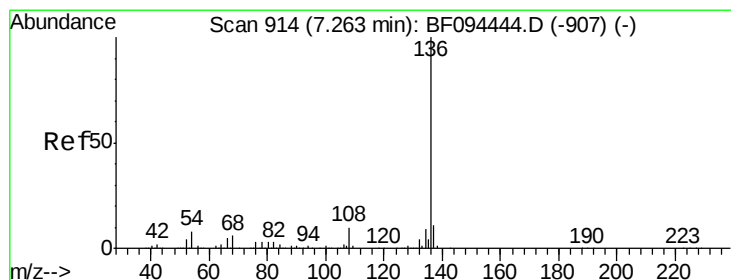
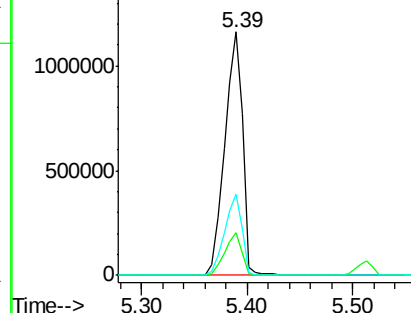
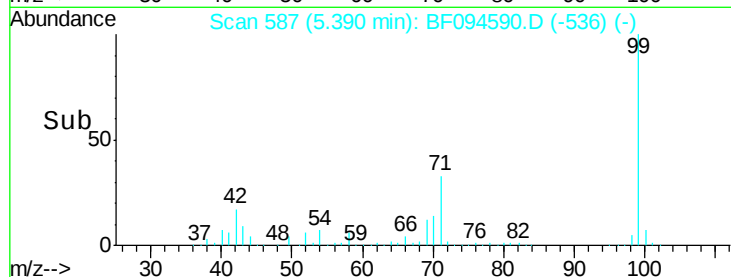
71 33.5 24.5 36.7



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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

Tgt Ion: 136 Resp: 558266

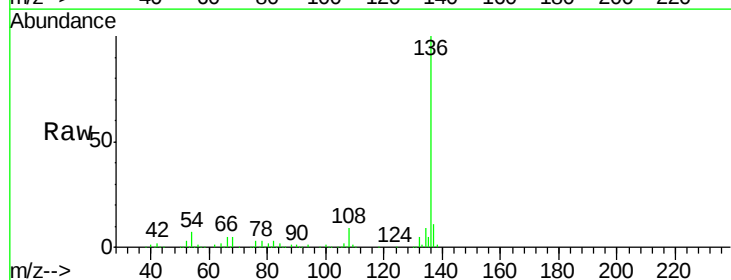
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

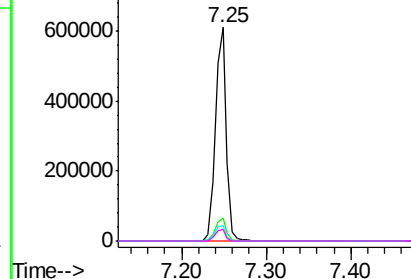
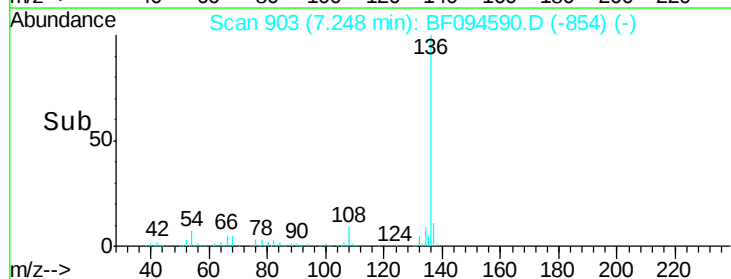


Abundance Ion 136.00 (135.70 to 136.70): E

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

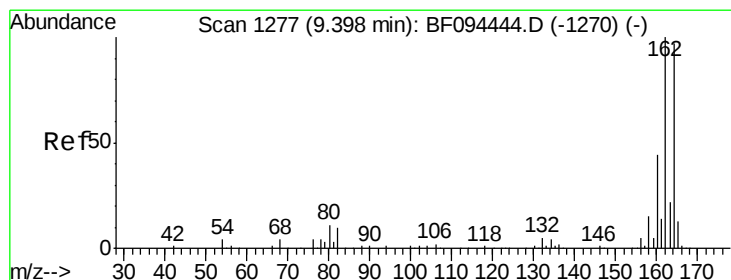
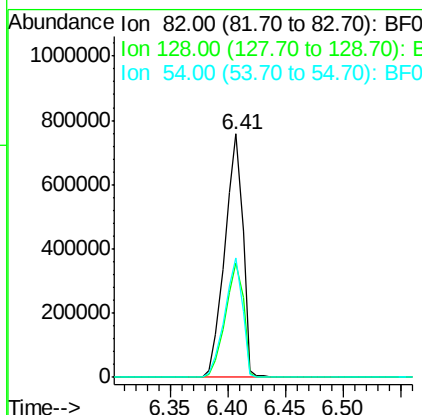
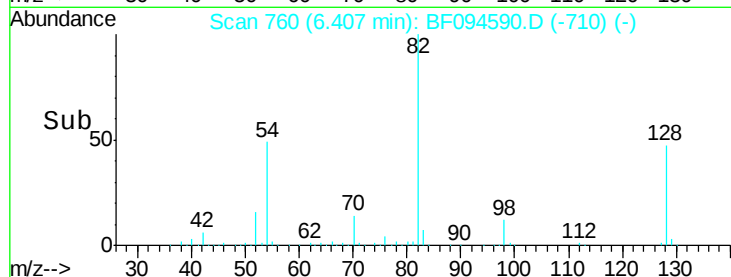
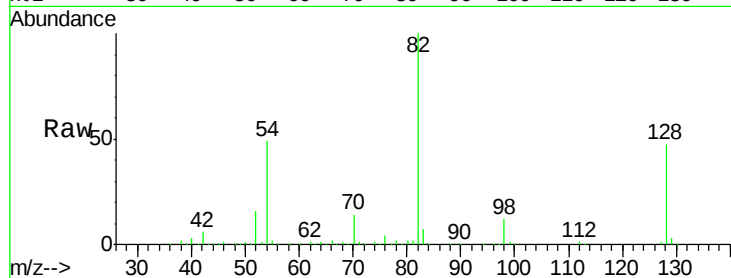




#23
 Nitrobenzene-d5
 Concen: 90.79 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094590.D
 Acq: 24 Apr 2017 17:31

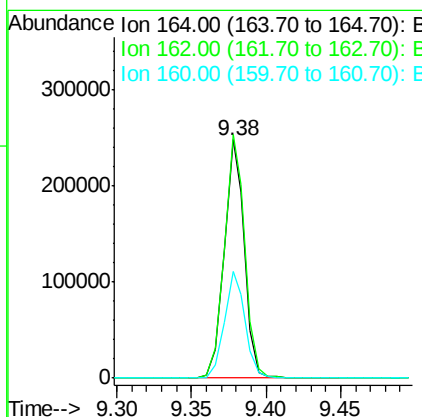
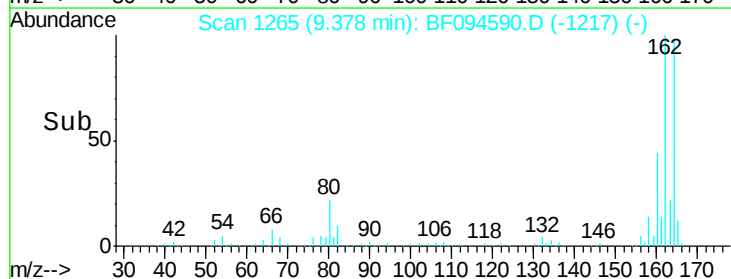
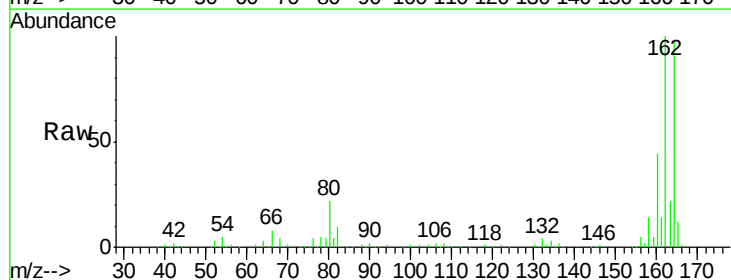
Instrument :
 BNA_F
 ClientSampled :
 PB98421TB

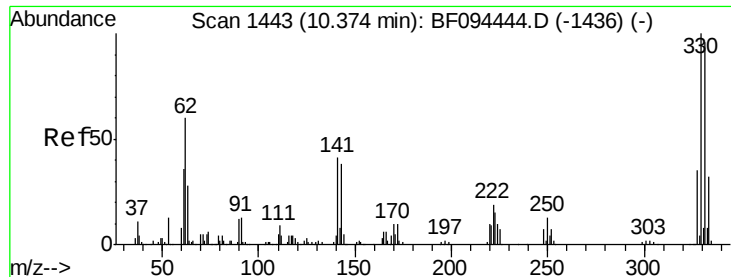
Tot Ion	82	Resp	820839
Ion Ratio	100	Lower	Upper
128	47.1	34.0	51.0
54	49.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094590.D
 Acq: 24 Apr 2017 17:31

Tgt Ion	164	Resp	236119
Ion Ratio	100	Lower	Upper
162	102.2	82.6	123.8
160	44.8	36.2	54.2

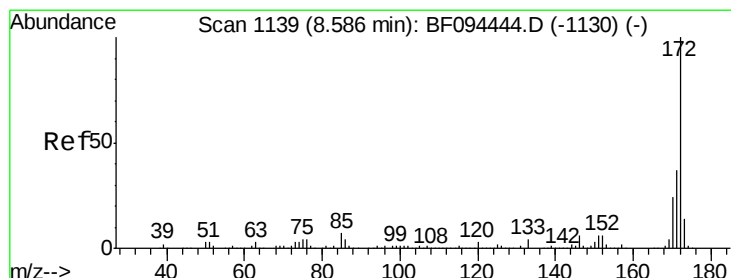
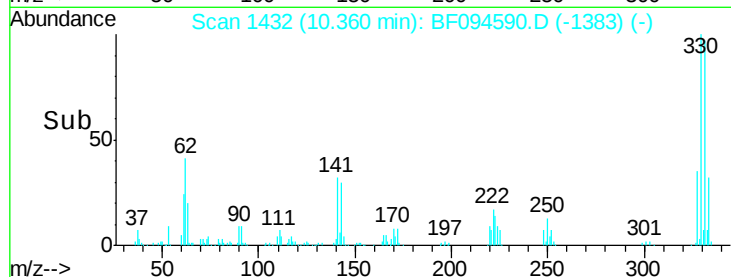
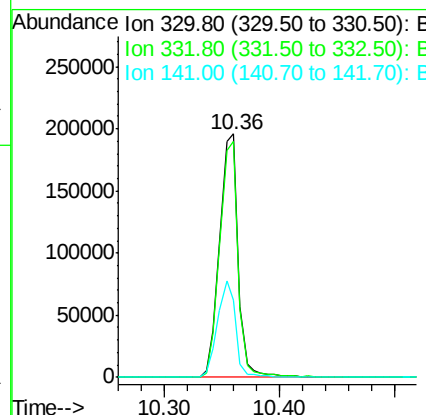
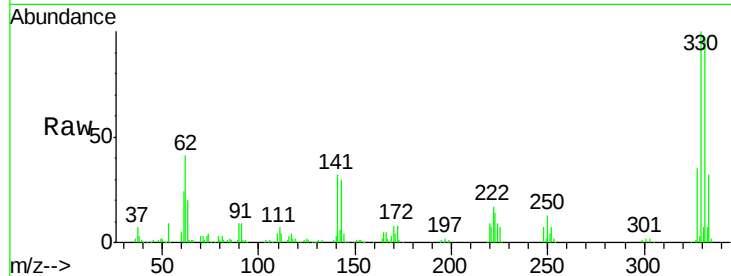




#41
 2,4,6-Tribromophenol
 Concen: 119.64 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094590.D
 Acq: 24 Apr 2017 17:31

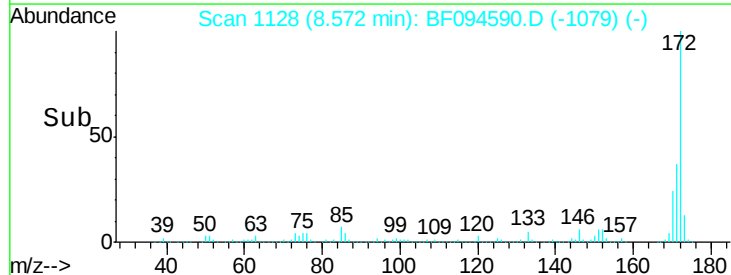
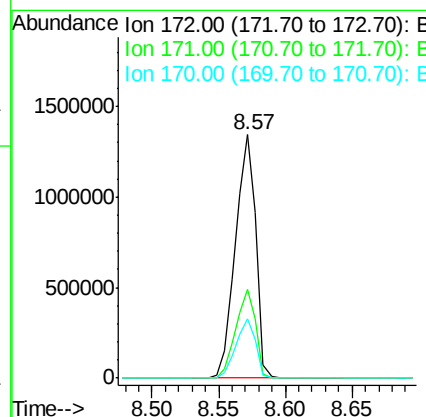
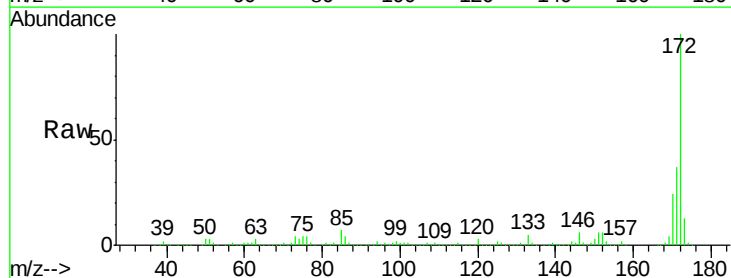
Instrument :
 BNA_F
 ClientSampleId :
 PB98421TB

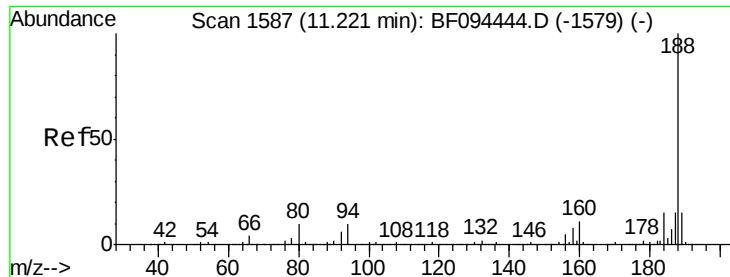
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 90.08 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094590.D
 Acq: 24 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8

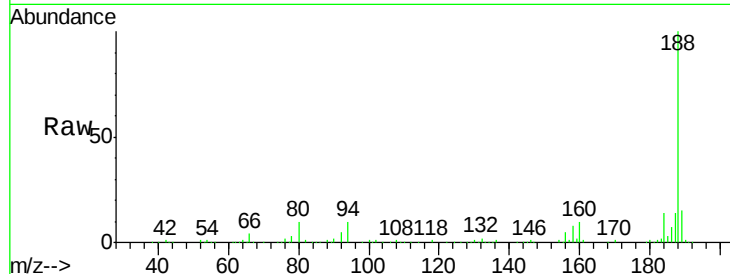




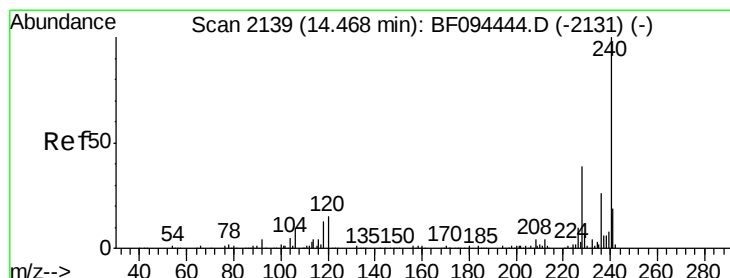
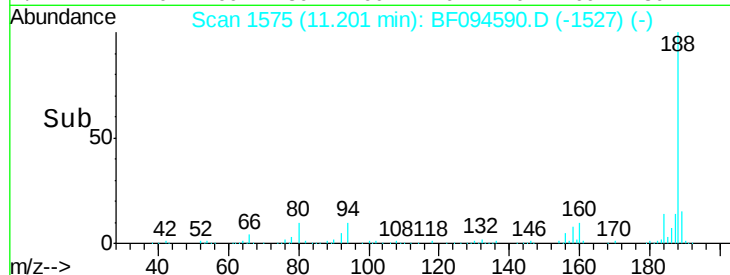
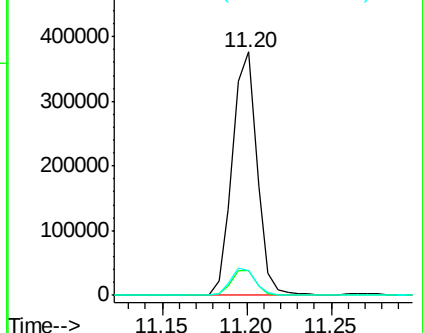
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98421TB

Tot Ion:188 Resp: 384435
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.3 10.2 15.2

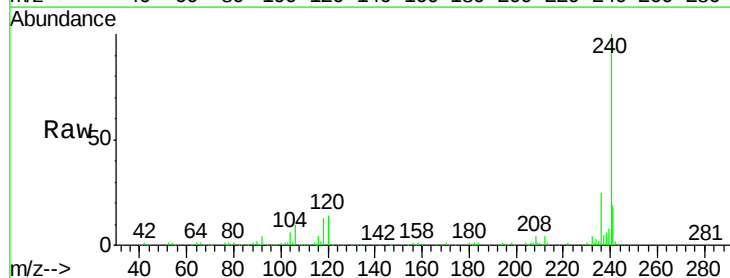


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

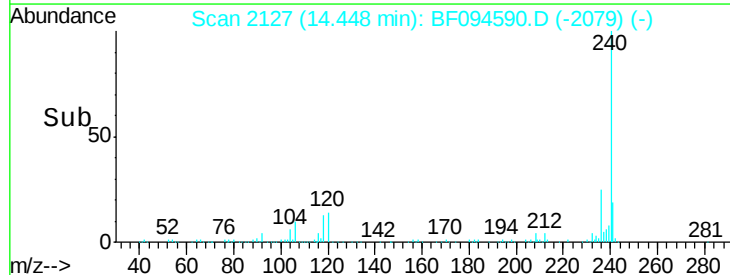
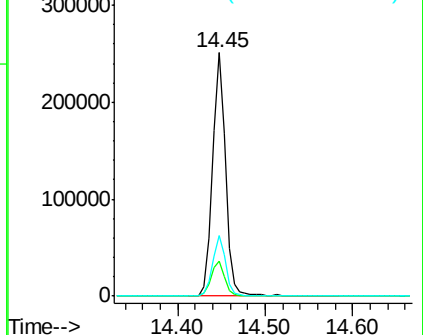


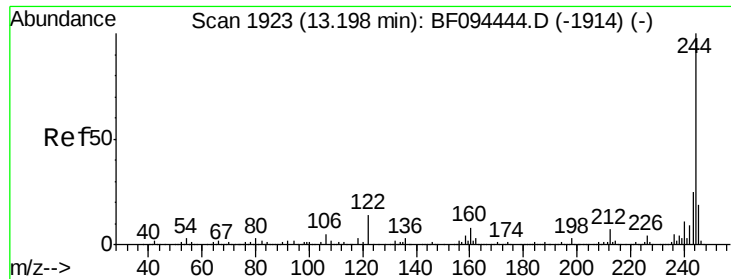
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

Tgt Ion:240 Resp: 262390
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 24.7 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

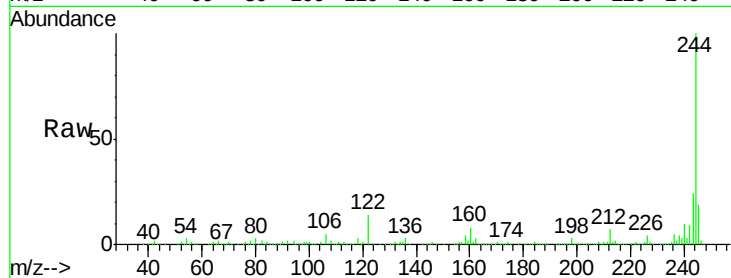




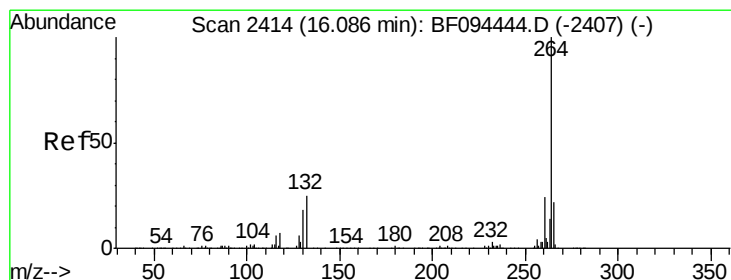
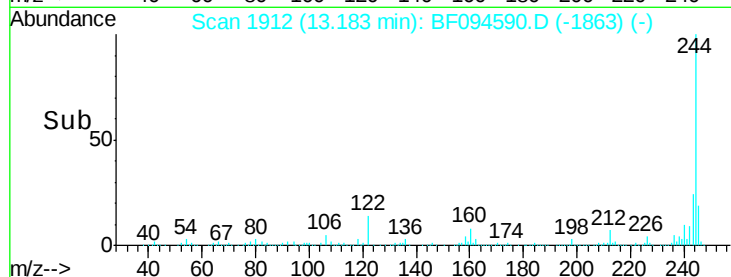
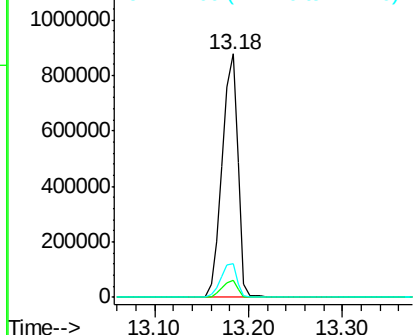
#78
 Terphenyl-d14
 Concen: 105.13 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094590.D
 Acq: 24 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98421TB

Tot Ion:244 Resp: 1032062
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.8 10.3 15.5

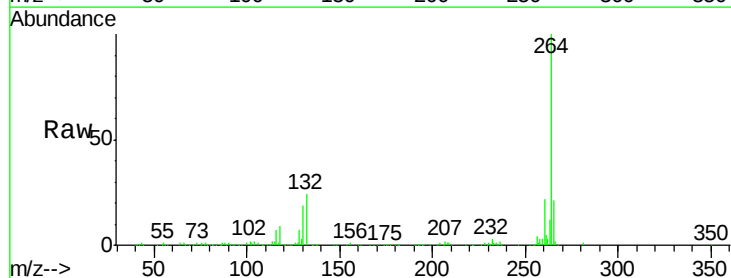


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BF094590.D
 Acq: 24 Apr 2017 17:31

Tgt Ion:264 Resp: 238572
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 21.2 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

