

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094667.D
 Acq On : 27 Apr 2017 16:58
 Operator : SJ/MA
 Sample : PB98520BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98520BL

Quant Time: Apr 28 04:22:47 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	109839	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	433195	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	207146	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	380990	20.00	ng	0.00
75) Chrysene-d12	14.47	240	305922	20.00	ng	0.00
86) Perylene-d12	16.09	264	214428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	825376	124.67	ng	0.03
7) Phenol-d6	5.40	99	1008951	129.27	ng	0.00
23) Nitrobenzene-d5	6.42	82	607907	86.65	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	221112	136.47	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1164279	82.70	ng	0.00
78) Terphenyl-d14	13.20	244	1078471	94.23	ng	0.00

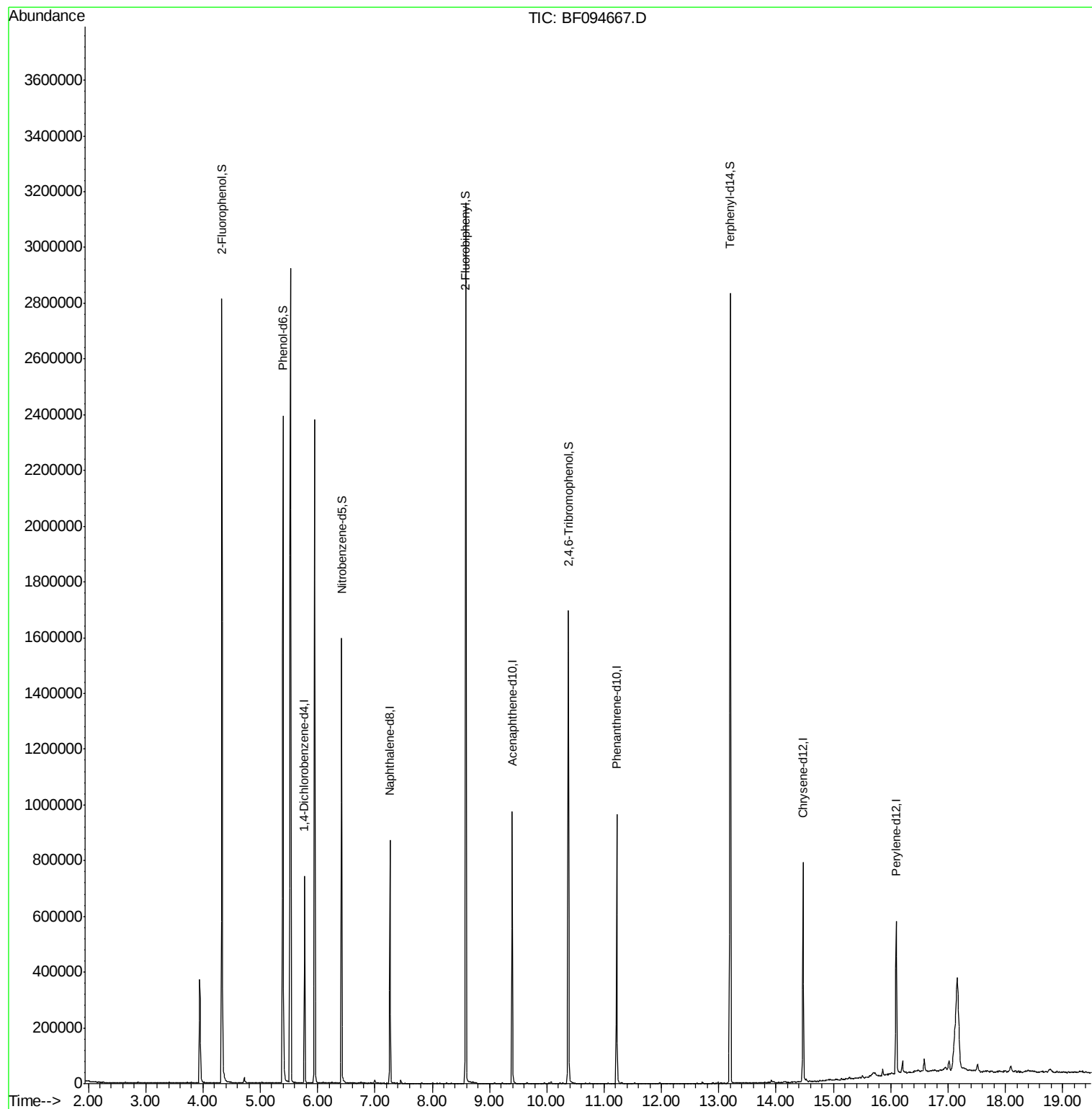
Target Compounds Qvalue

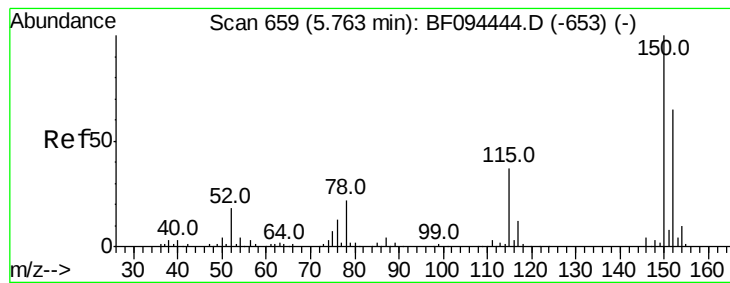
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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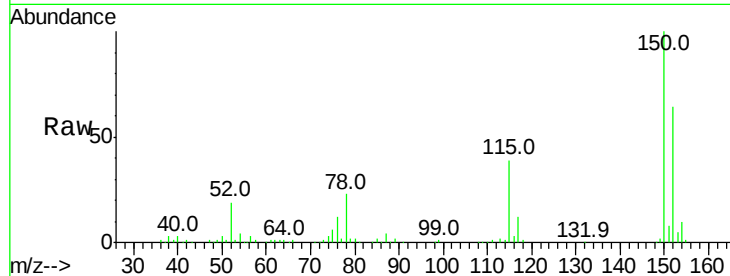


#1

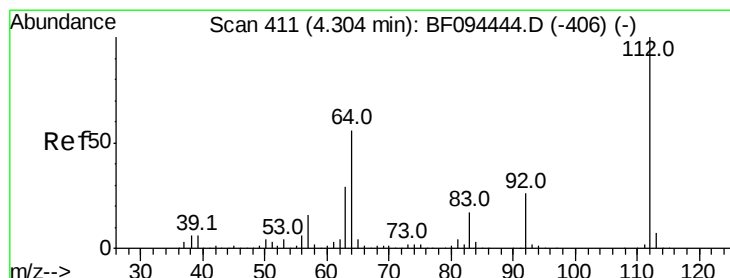
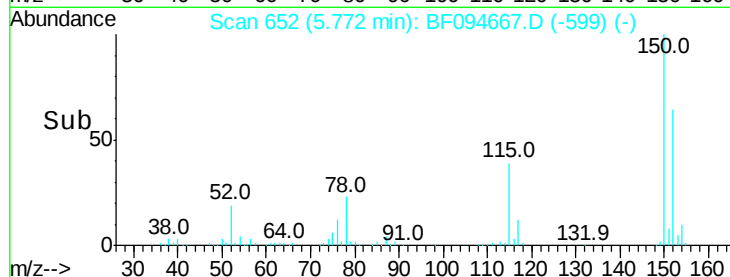
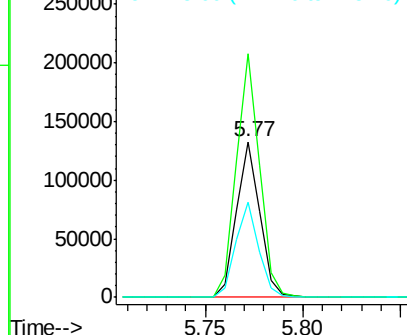
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094667.D
Acq: 27 Apr 2017 16:58

Instrument :
BNA_F
ClientSampleId :
PB98520BL

Tot Ion:152 Resp: 109839
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 61.3 52.2 78.2



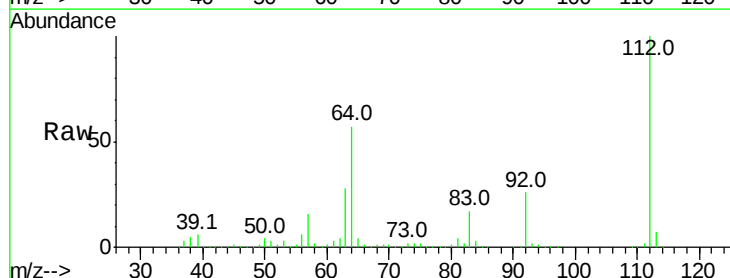
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



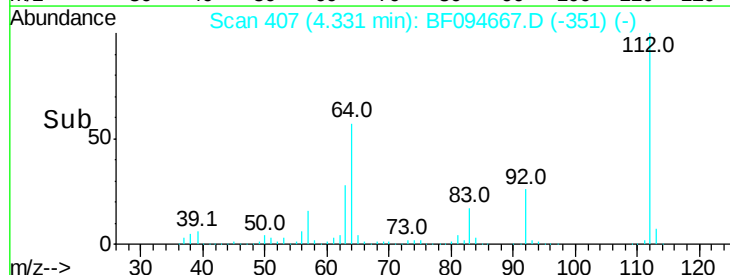
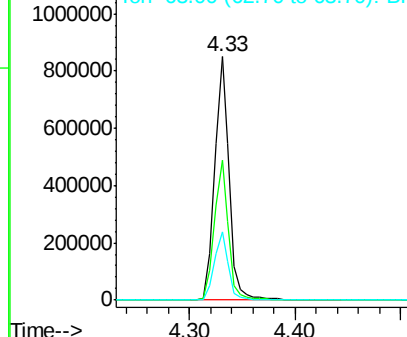
#5

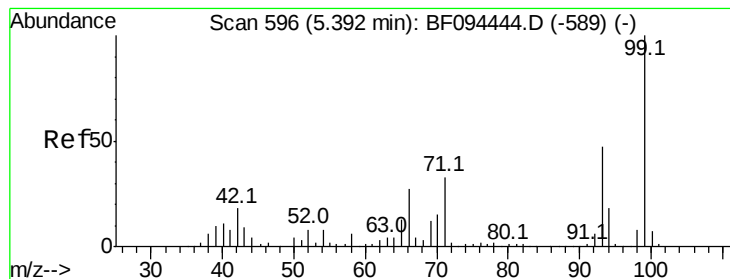
2-Fluorophenol
Concen: 124.67 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094667.D
Acq: 27 Apr 2017 16:58

Tgt Ion:112 Resp: 825376
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 28.2 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: 129.27 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Instrument :

BNA_F

ClientSampleId :

PB98520BL

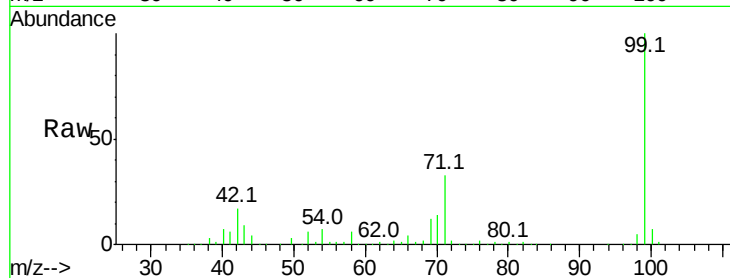
Tot Ion: 99 Resp: 1008951

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	32.8	24.5	36.7

99 100

42 17.4 13.5 20.3

71 32.8 24.5 36.7

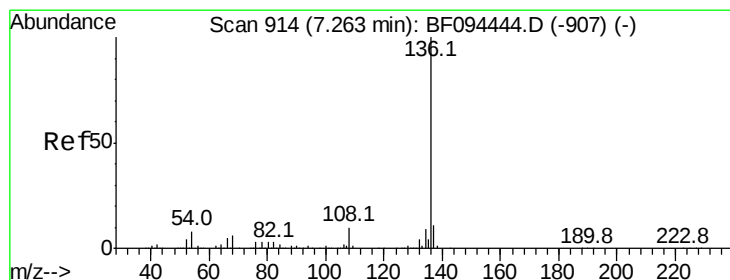
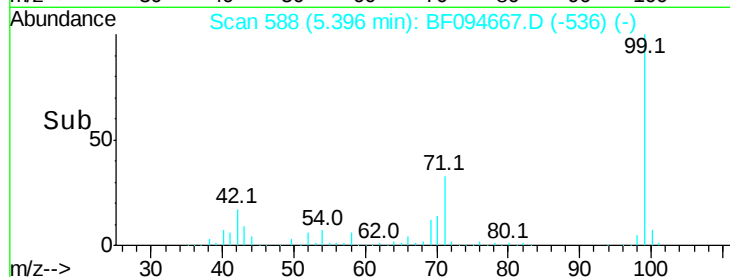
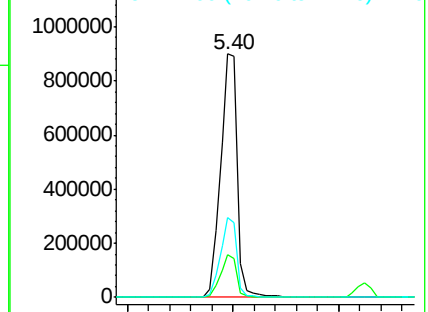


Abundance

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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Tgt Ion: 136 Resp: 433195

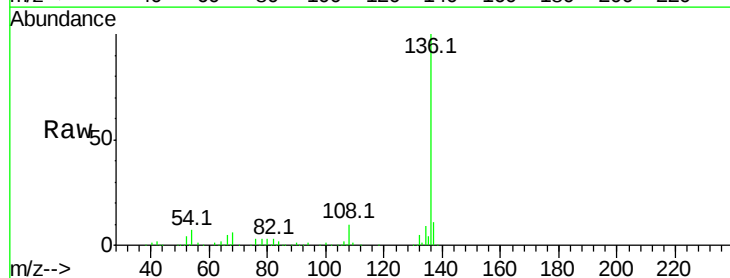
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	5.9	4.1	6.1

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 5.9 4.1 6.1



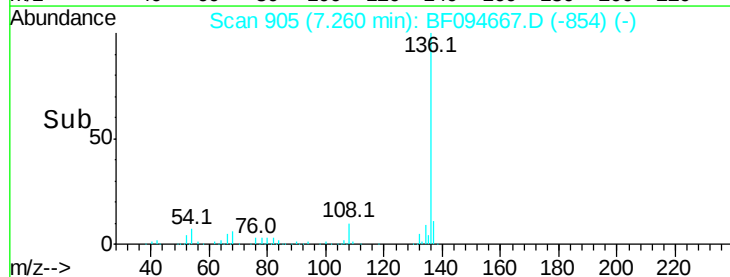
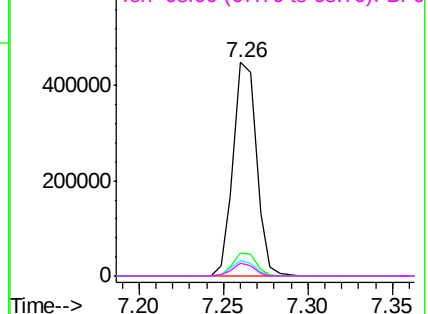
Abundance

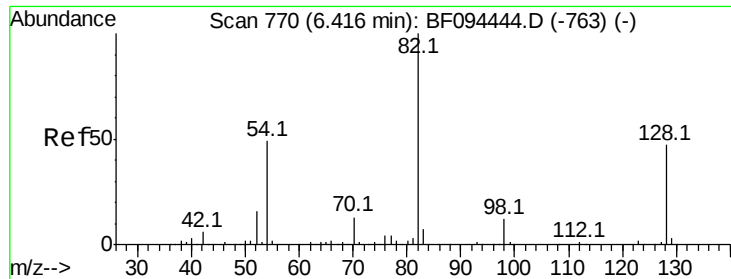
Ion 136.00 (135.70 to 136.70): E

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

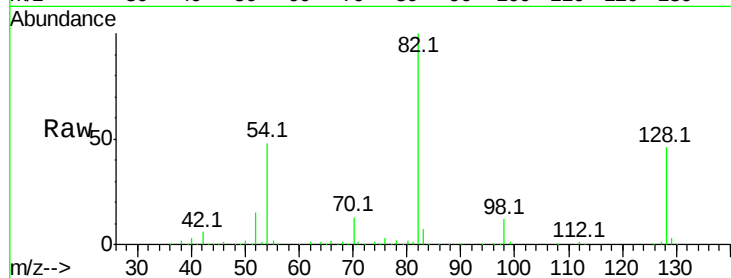




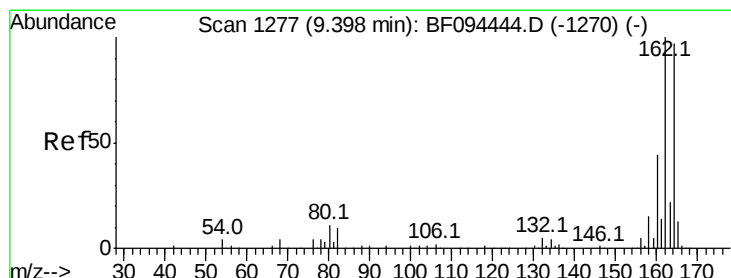
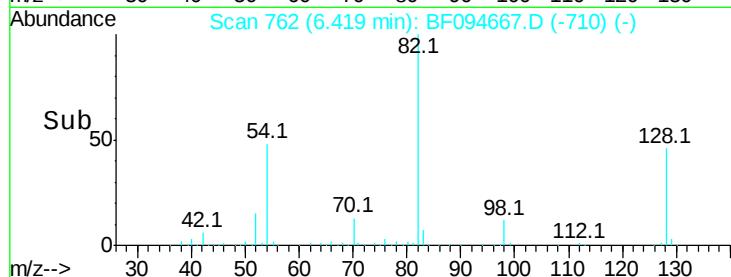
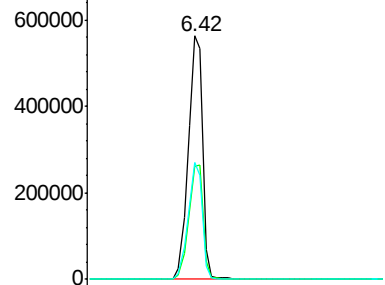
#23
 Nitrobenzene-d5
 Concen: 86.65 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094667.D
 Acq: 27 Apr 2017 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB98520BL

Tot Ion: 82 Resp: 607907
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 48.3 42.2 63.2

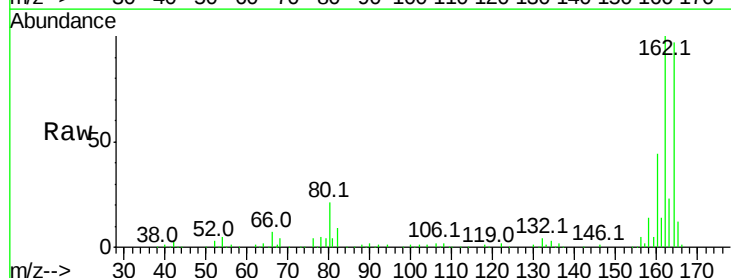


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

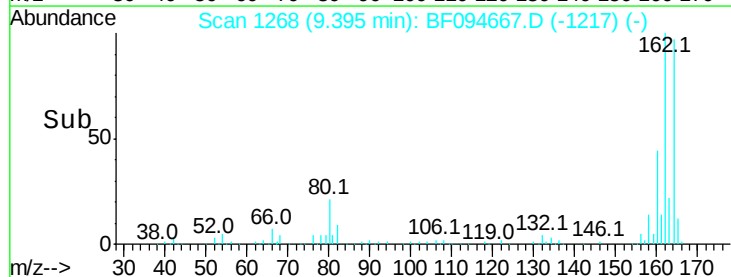
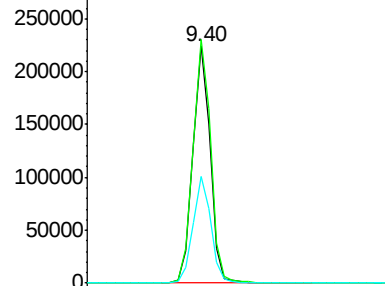


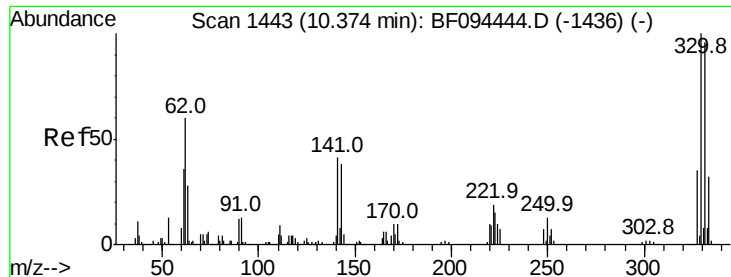
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094667.D
 Acq: 27 Apr 2017 16:58

Tgt Ion:164 Resp: 207146
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 44.8 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

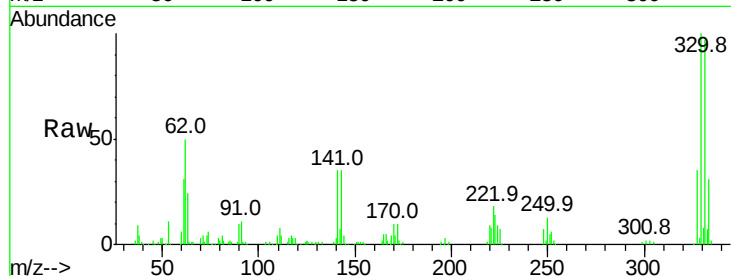




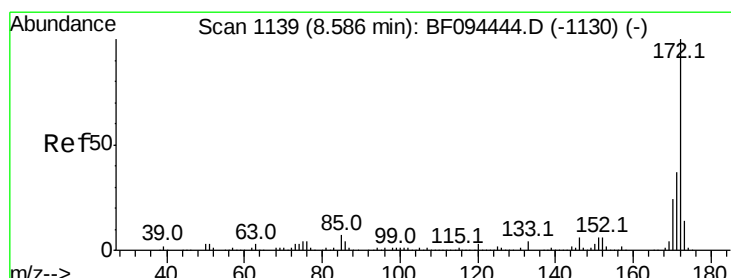
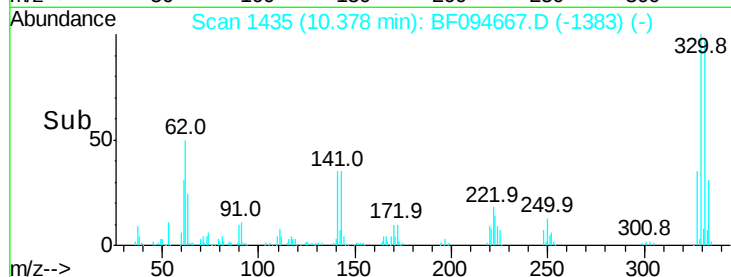
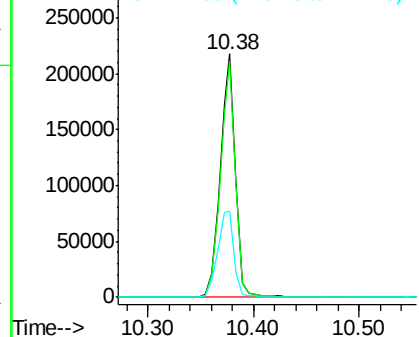
#41
 2,4,6-Tribromophenol
 Concen: 136.47 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094667.D
 Acq: 27 Apr 2017 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB98520BL

Tot Ion:330 Resp: 221112
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 38.7 31.4 47.2

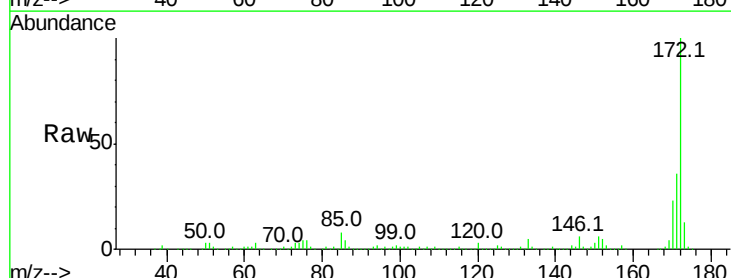


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

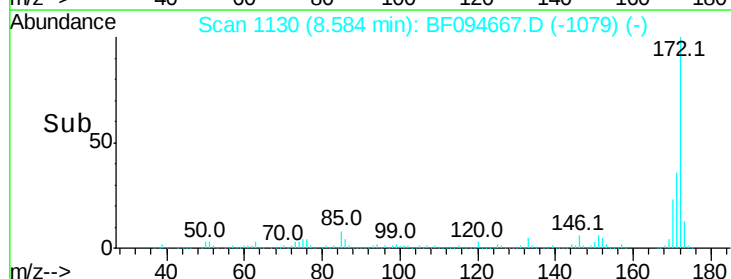
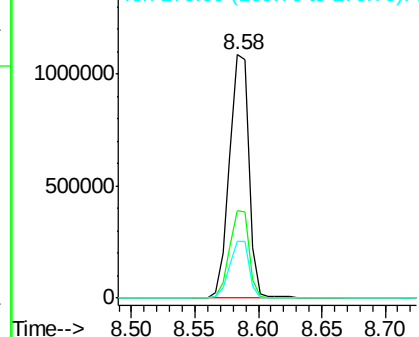


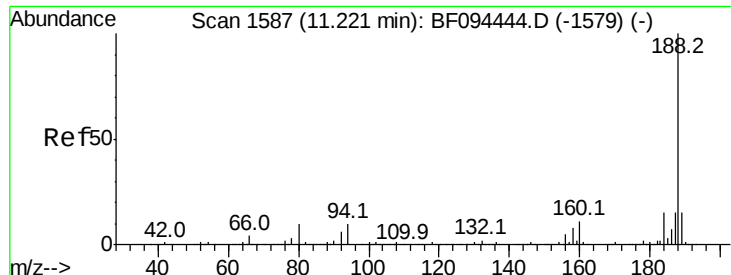
#44
 2-Fluorobiphenyl
 Concen: 82.70 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094667.D
 Acq: 27 Apr 2017 16:58

Tgt Ion:172 Resp: 1164279
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.1 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: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Instrument :

BNA_F

ClientSampleId :

PB98520BL

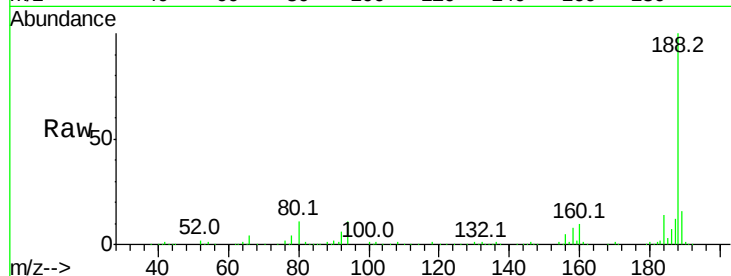
Tot Ion:188 Resp: 380990

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

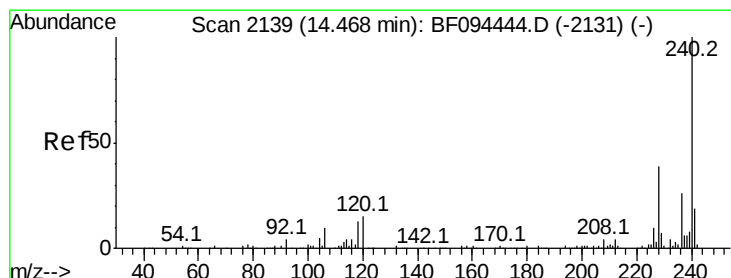
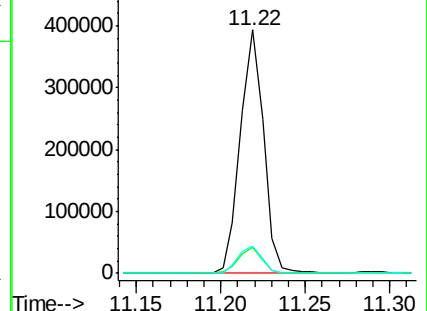
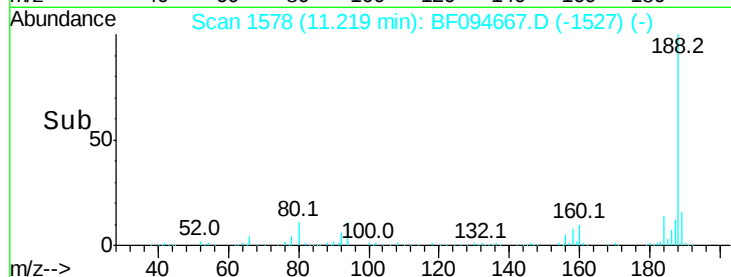
80 11.2 10.2 15.2



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# 2131

Delta R.T. 0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

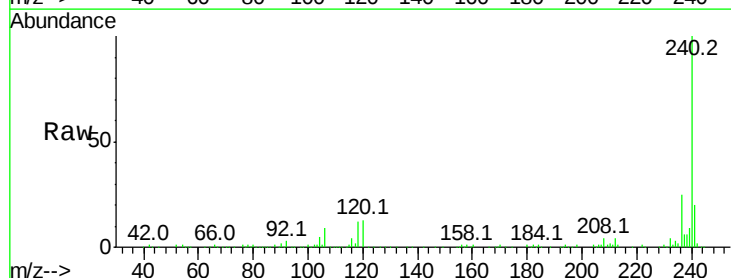
Tgt Ion:240 Resp: 305922

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

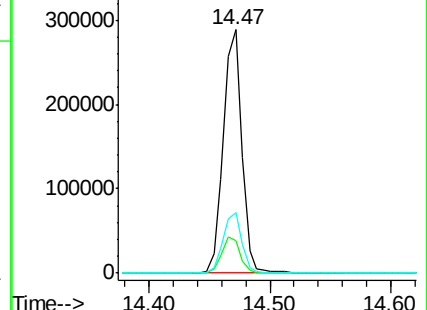
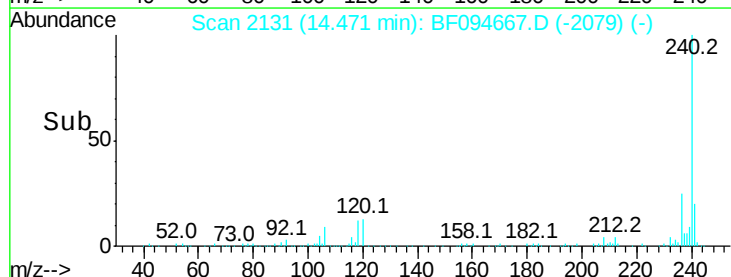
236 25.1 20.5 30.7

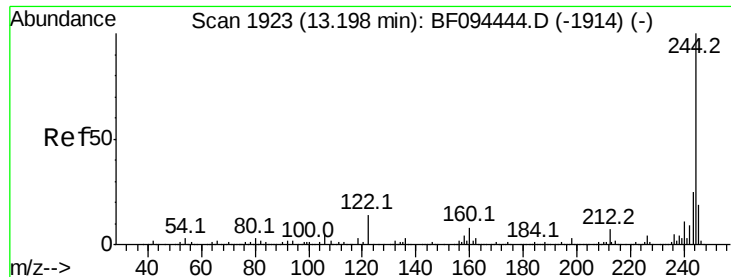


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.23 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Instrument :

BNA_F

ClientSampleId :

PB98520BL

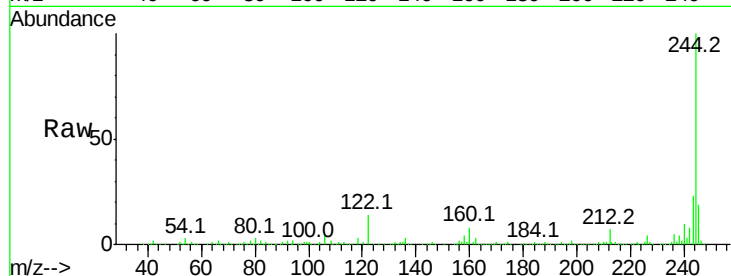
Tot Ion:244 Resp: 1078471

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

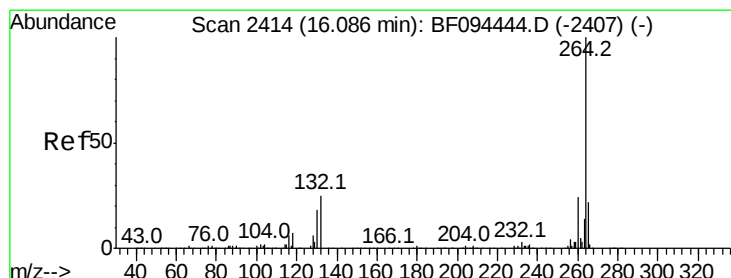
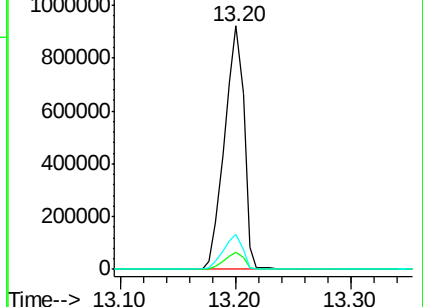
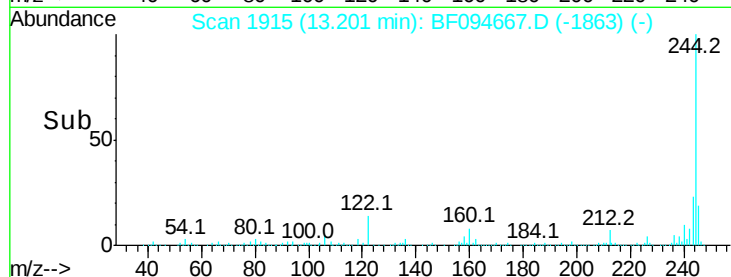
122 14.3 10.3 15.5



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: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

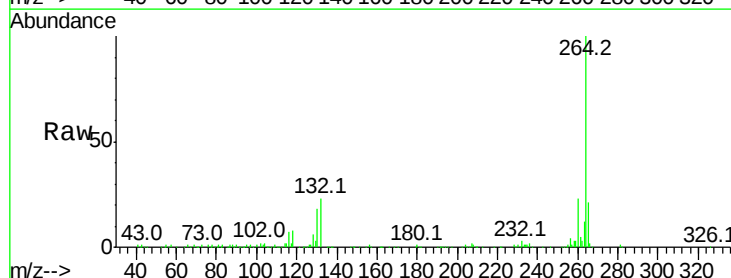
Tgt Ion:264 Resp: 214428

Ion Ratio Lower Upper

264 100

260 22.8 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

