

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084298.D
 Acq On : 6 Jan 2016 19:15
 Operator : SJ/UM
 Sample : H1017-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFIELD BLANK-2-1-4-16

Quant Time: Jan 07 02:27:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	272989	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1181723	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	516120	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	986159	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	805894	20.00	ng	-0.05
86) Perylene-d12	15.45	264	598992	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	775404	45.94	ng	-0.02
7) Phenol-d6	6.50	99	595964	28.12	ng	-0.03
23) Nitrobenzene-d5	7.44	82	1726840	81.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	669714	128.53	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2459170	83.72	ng	-0.03
78) Terphenyl-d14	12.98	244	2395912	66.36	ng	-0.03

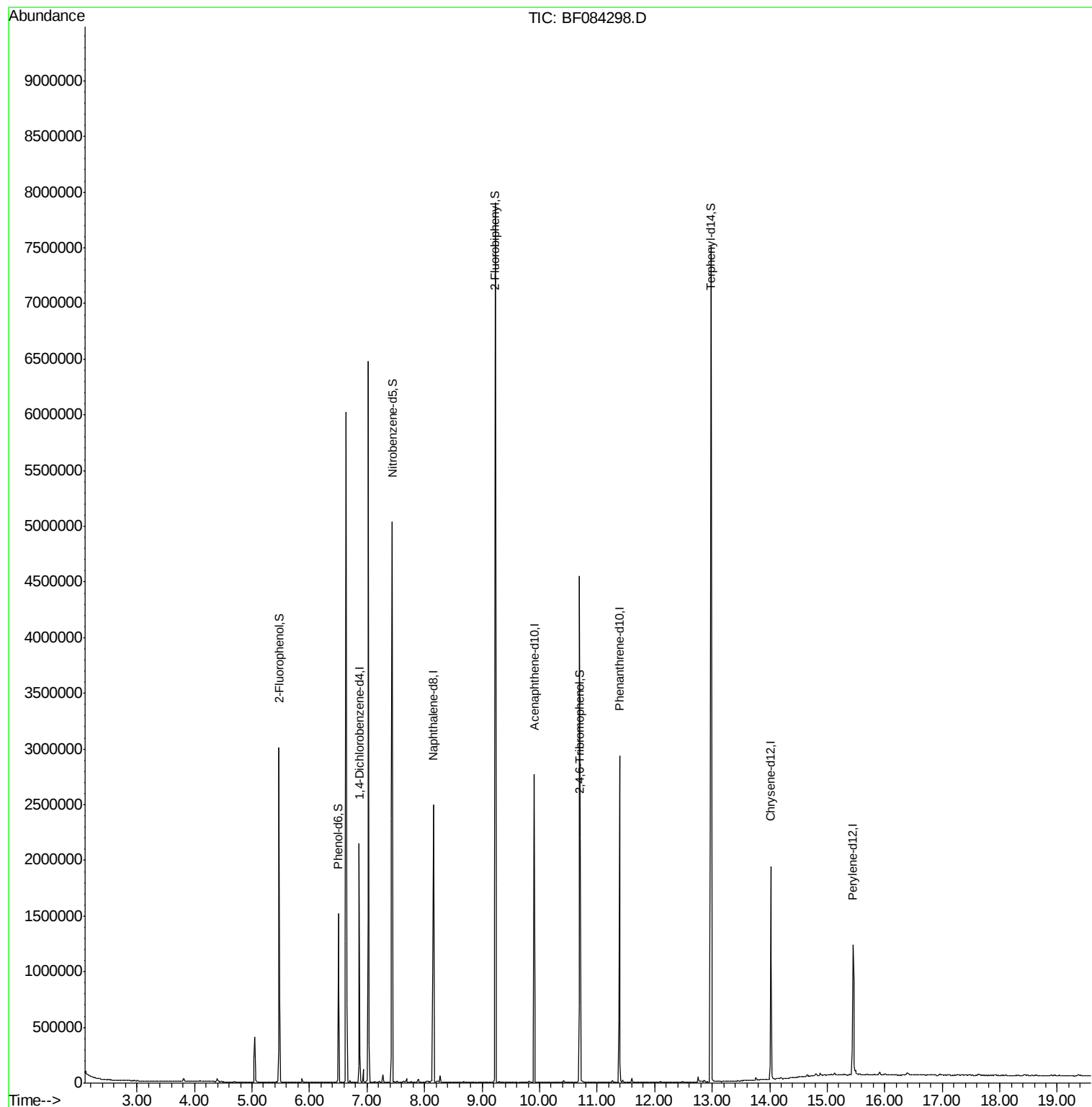
Target Compounds Qvalue

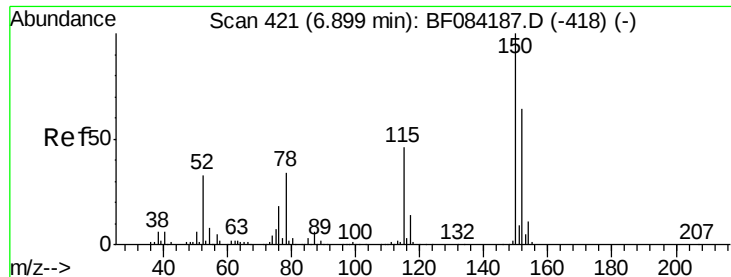
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084298.D

Acq: 6 Jan 2016 19:15

Instrument :

BNA_F

ClientSampleId :

GUNHILLFIELDBLANK-2-1-4-16

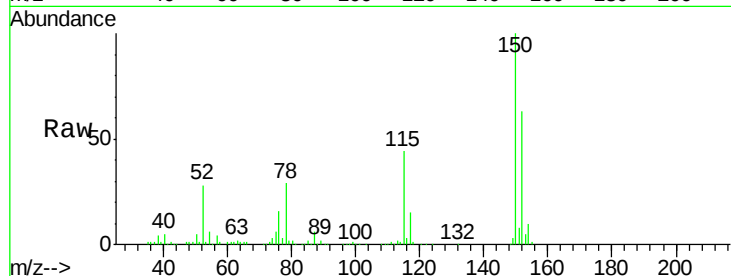
Tot Ion:152 Resp: 272989

Ion Ratio Lower Upper

152 100

150 158.5 123.0 184.4

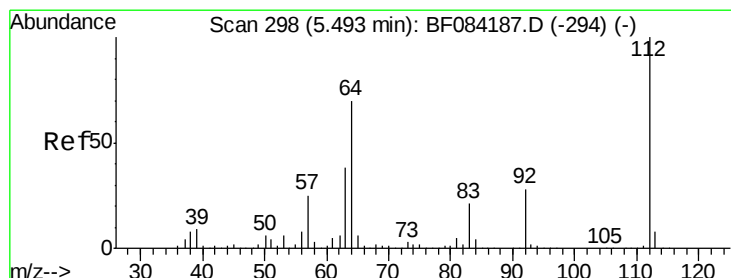
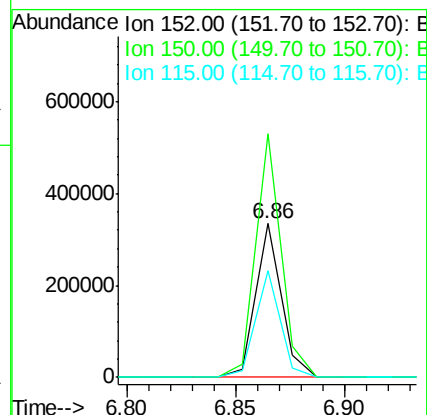
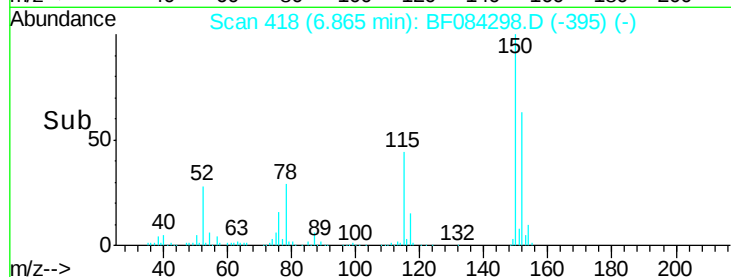
115 69.4 51.4 77.2



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: 45.94 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084298.D

Acq: 6 Jan 2016 19:15

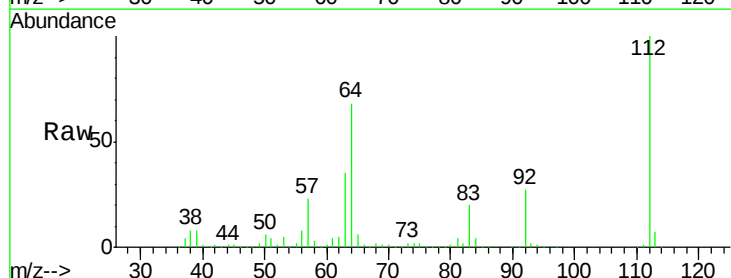
Tgt Ion:112 Resp: 775404

Ion Ratio Lower Upper

112 100

64 68.1 36.6 55.0#

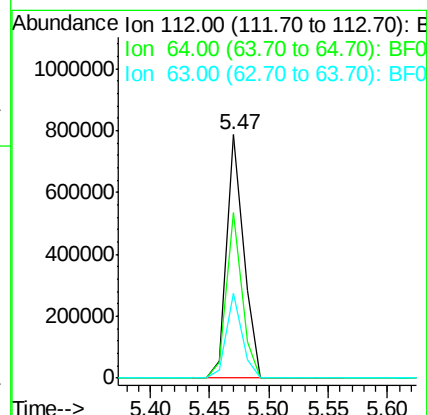
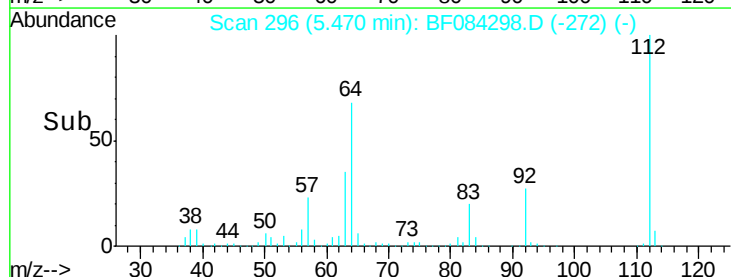
63 35.0 19.4 29.0#

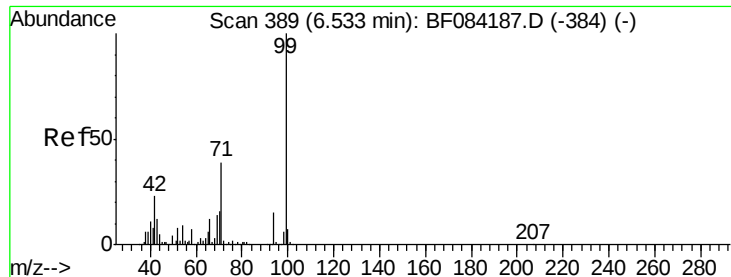


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.12 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084298.D

Acq: 6 Jan 2016 19:15

Instrument :

BNA_F

ClientSampleId :

GUNHILLFIELDBLANK-2-1-4-16

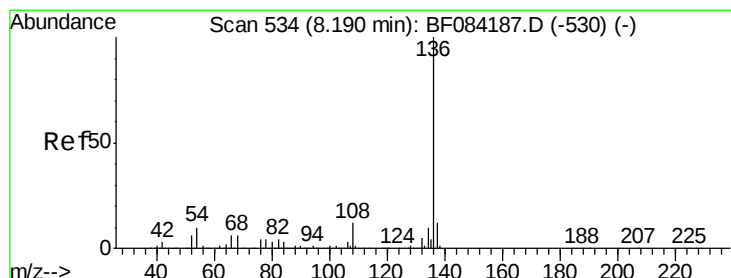
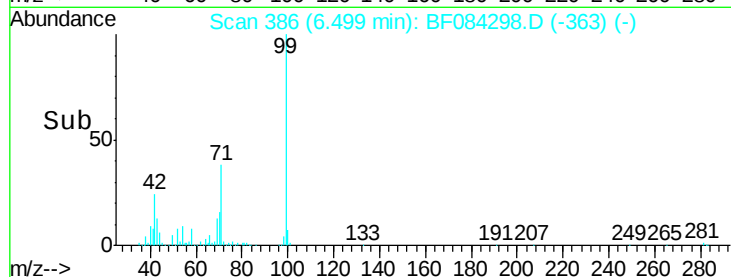
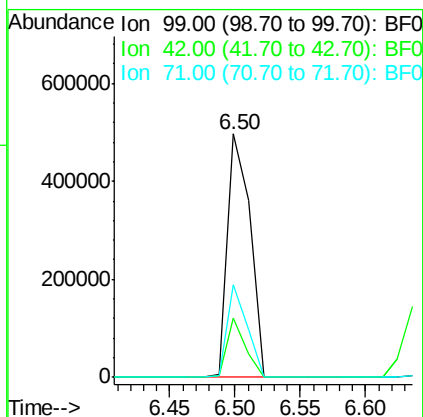
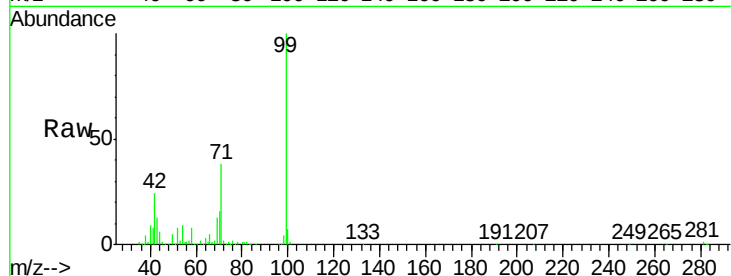
Tot Ion: 99 Resp: 595964

Ion Ratio Lower Upper

99 100

42 24.3 12.8 19.2#

71 38.0 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084298.D

Acq: 6 Jan 2016 19:15

Tgt Ion: 136 Resp: 1181723

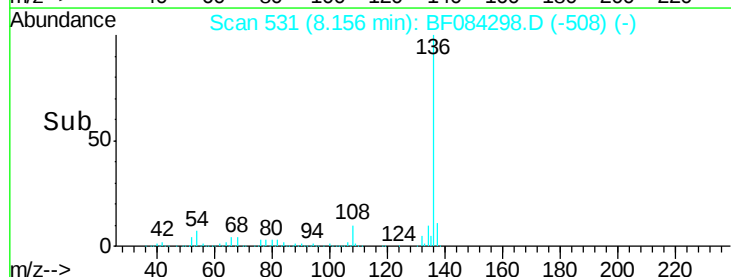
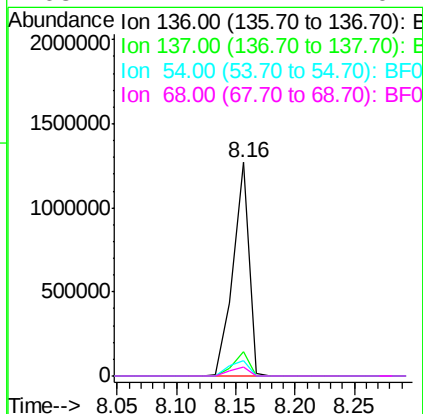
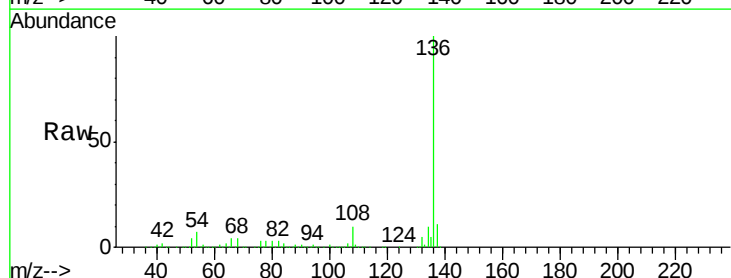
Ion Ratio Lower Upper

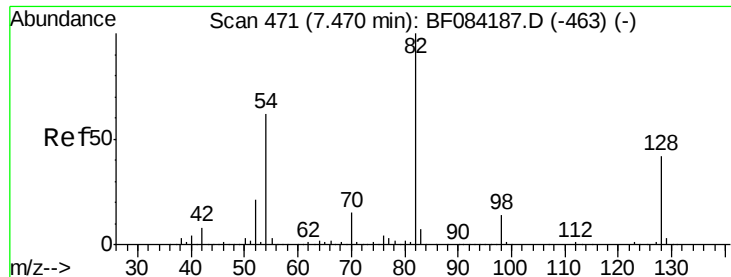
136 100

137 11.4 8.7 13.1

54 7.1 5.8 8.8

68 4.4 4.2 6.2

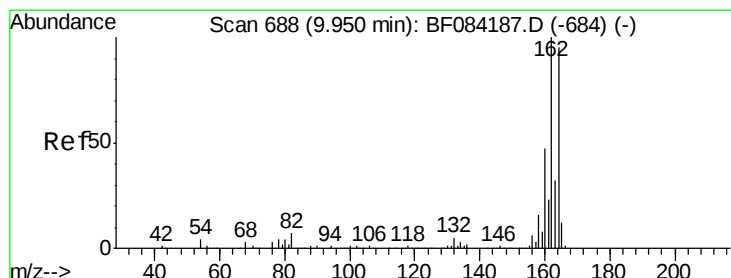
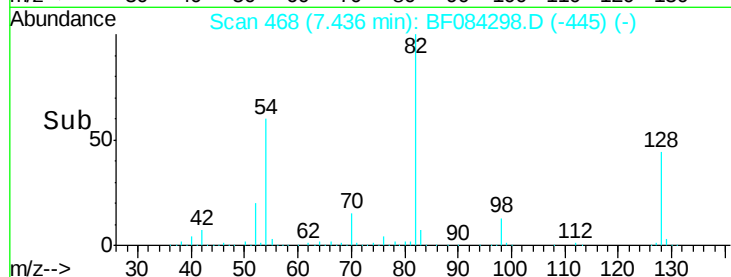
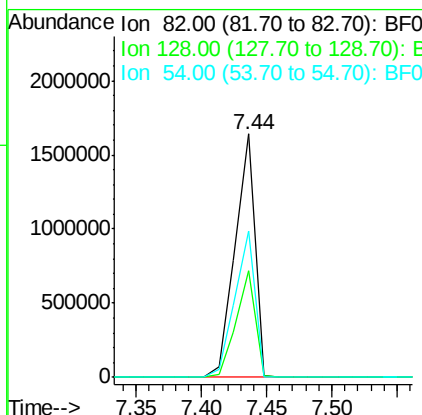
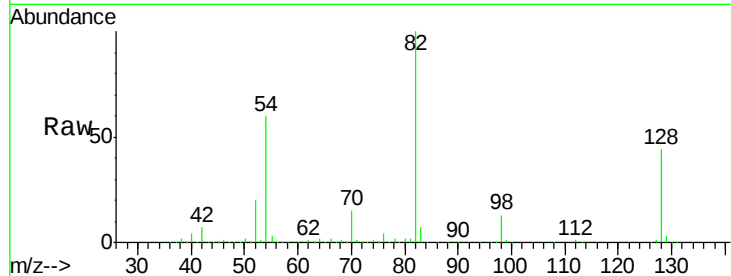




#23
 Nitrobenzene-d5
 Concen: 81.33 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

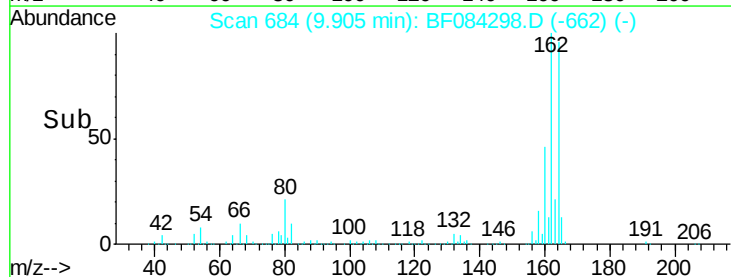
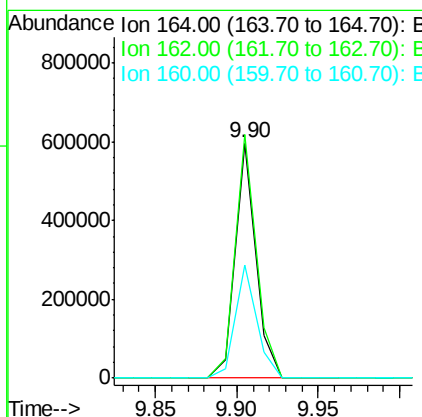
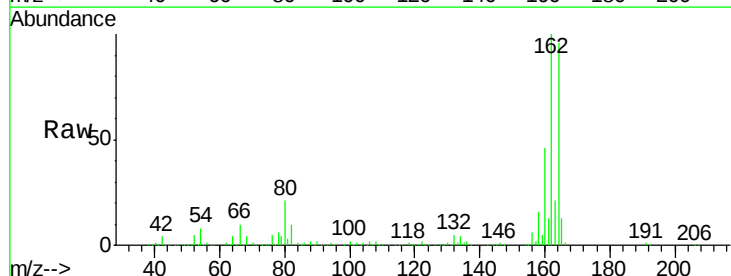
Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFIELDBLANK-2-1-4-16

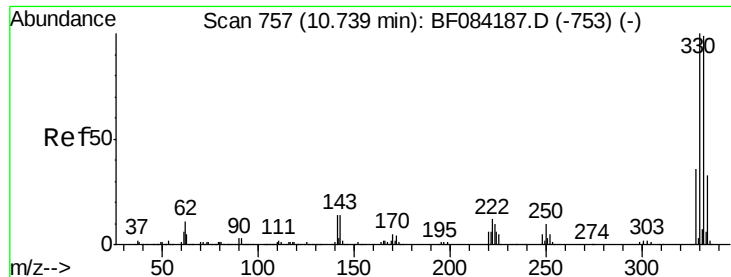
Tot Ion: 82 Resp: 1726840
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.6 51.8
 54 59.9 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

Tgt Ion:164 Resp: 516120
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 48.0 37.5 56.3

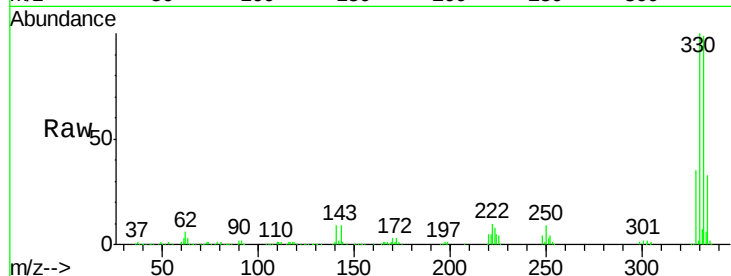




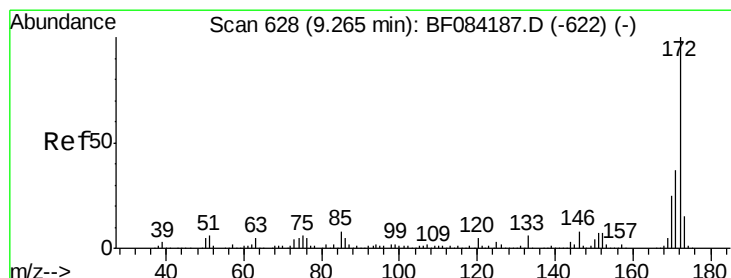
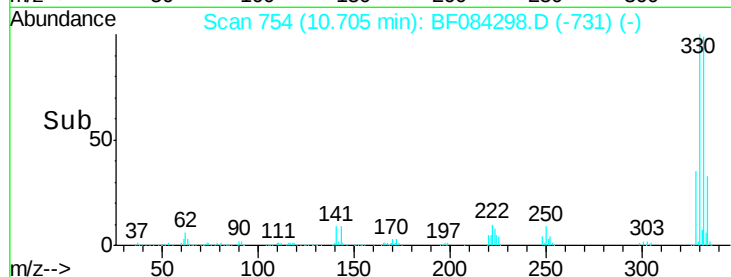
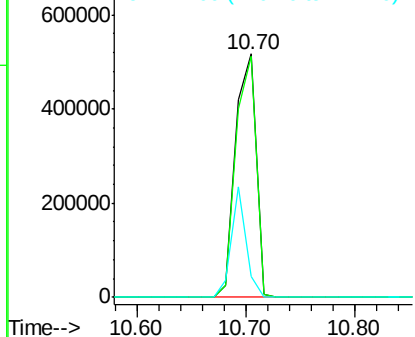
#41
 2,4,6-Tribromophenol
 Concen: 128.53 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFIELDBLANK-2-1-4-16

Tot Ion:330 Resp: 669714
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 32.6 27.8 41.6

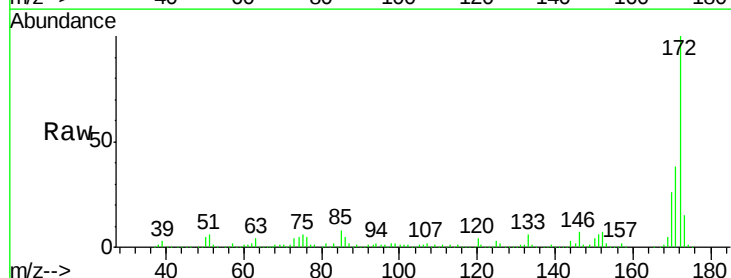


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

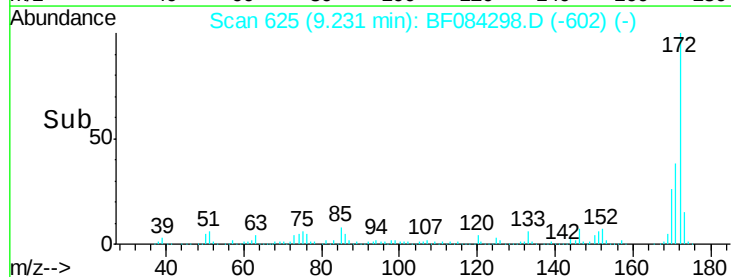
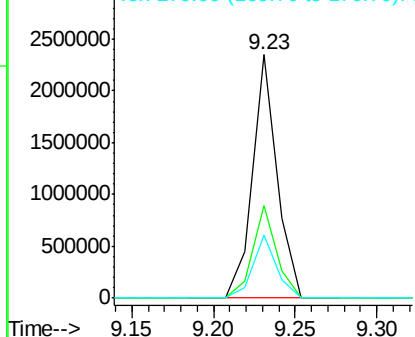


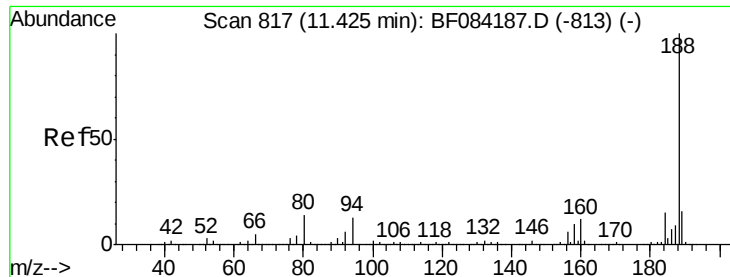
#44
 2-Fluorobiphenyl
 Concen: 83.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

Tgt Ion:172 Resp: 2459170
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.9 43.3
 170 26.1 18.6 27.8



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

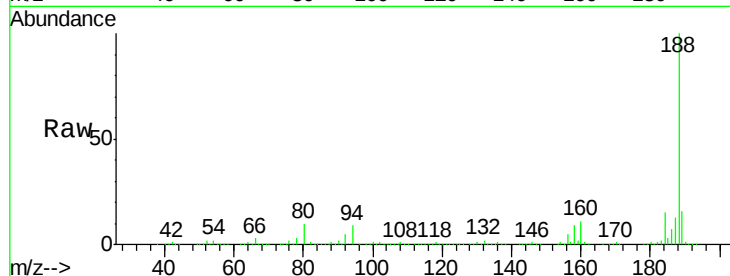




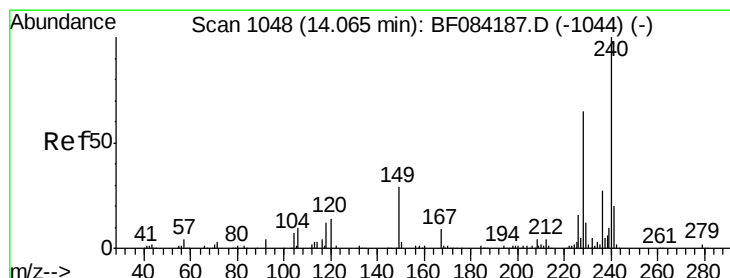
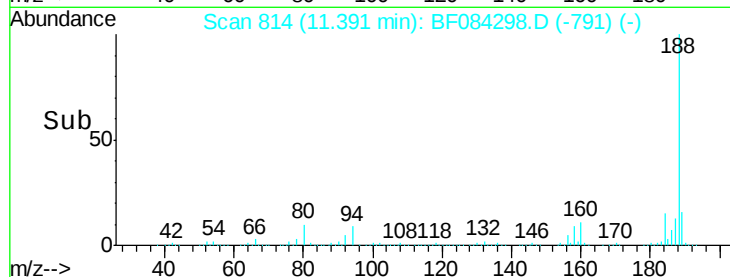
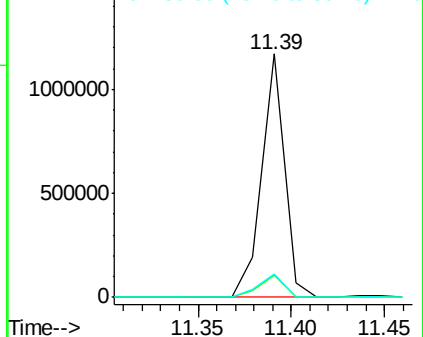
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

Instrument :
BNA_F
ClientSampleId :
GUNHILLFIELDBLANK-2-1-4-16

Tot Ion:188 Resp: 986159
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.4#
80 9.8 9.6 14.4

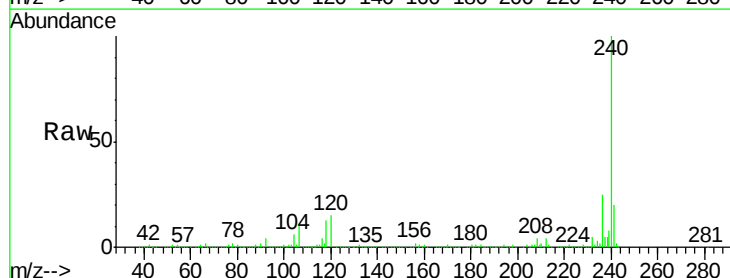


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

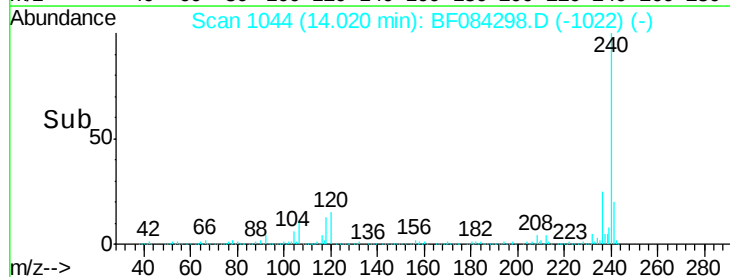
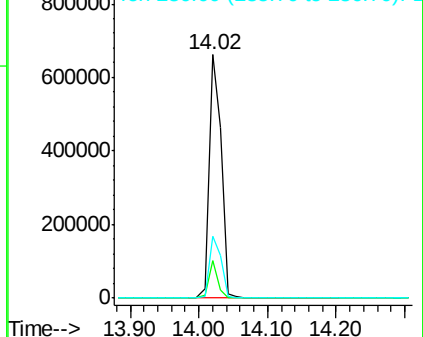


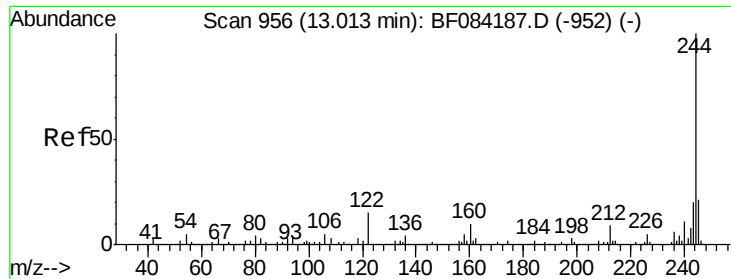
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

Tgt Ion:240 Resp: 805894
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.4 20.6 31.0



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

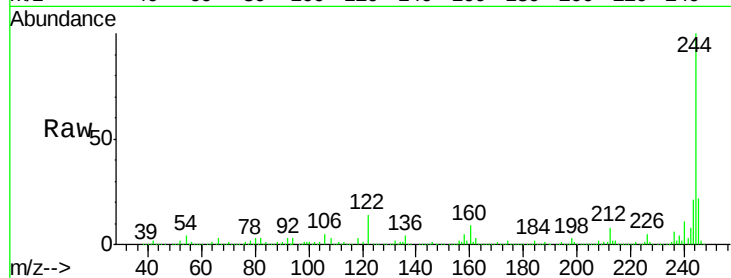




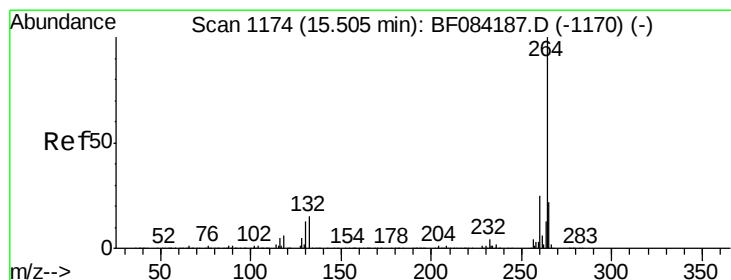
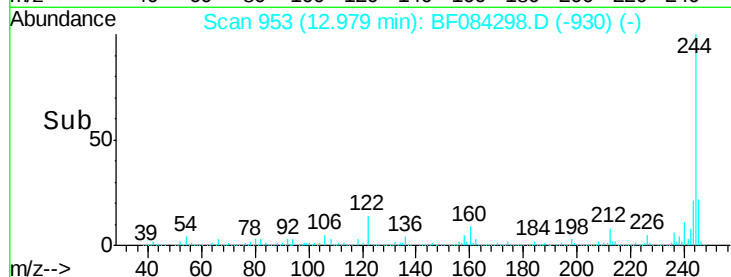
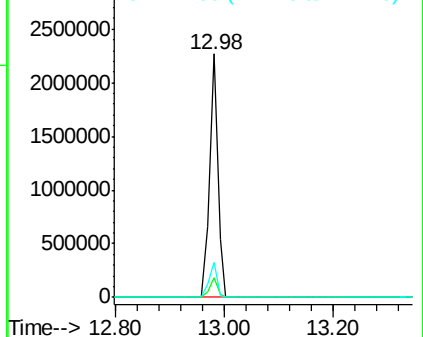
#78
 Terphenyl-d14
 Concen: 66.36 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFIELDBLANK-2-1-4-16

Tot Ion:244 Resp: 2395912
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.3 7.4 11.0#

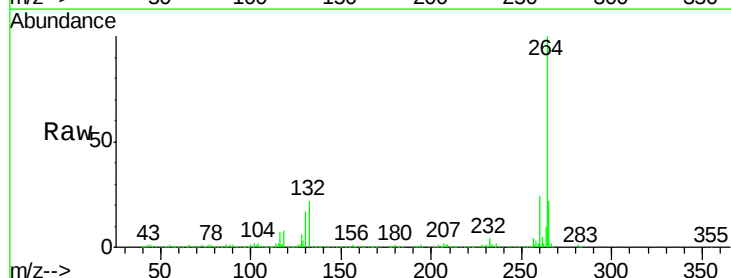


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

Tgt Ion:264 Resp: 598992
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 22.5 17.8 26.6



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

