

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 00:14:19 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

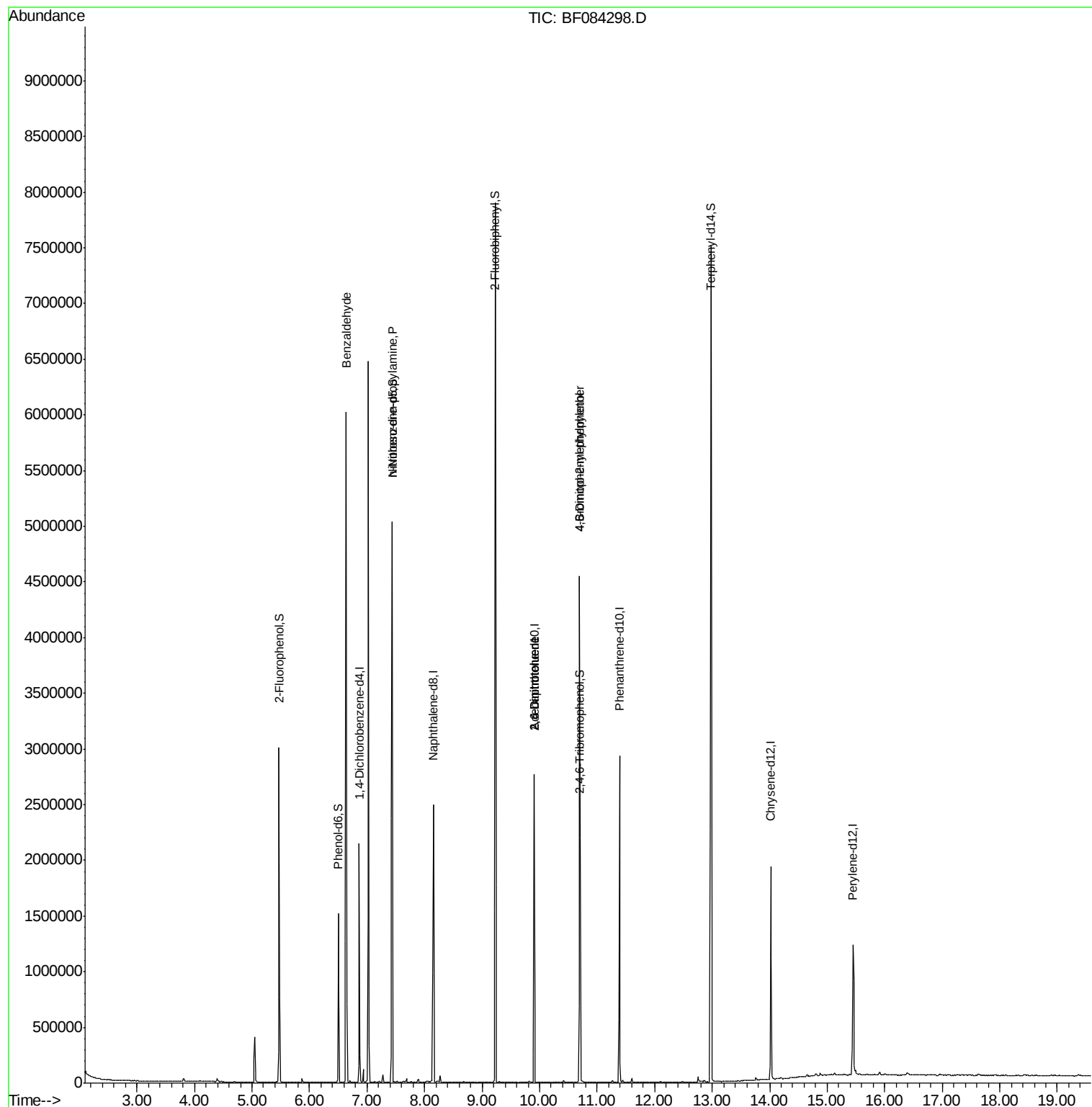
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.64	77	38600	2.80	ng	# 71
19) n-Nitroso-di-n-propylamine	7.44	70	248000	17.28	ng	# 71
50) 2,6-Dinitrotoluene	9.90	165	65919	8.15	ng	# 37
54) Dibenzofuran	10.11	168	471	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.90	165	65906	6.43	ng	# 21
57) Fluorene	10.69	166	23791	Below Cal		# 88
64) 4,6-Dinitro-2-methylphenol	10.69	198	1484	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	38517	3.63	ng	# 1
73) Di-n-butylphthalate	11.95	149	2123	Below Cal		# 79

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

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 :
GUNHILLFIELDBLANK-2-1-4-16

Quant Time: Jan 07 00:14:19 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



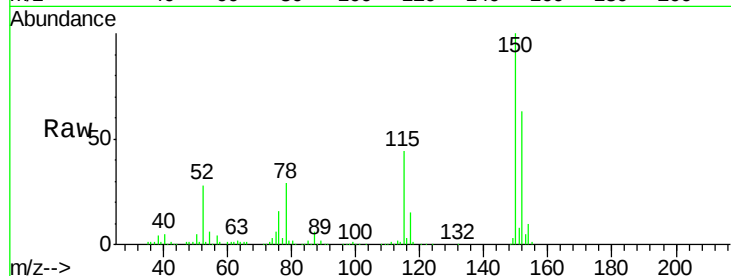


#1

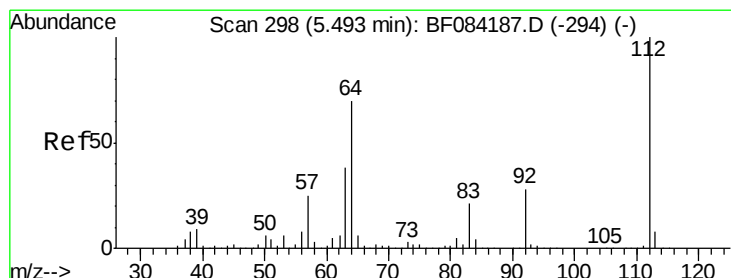
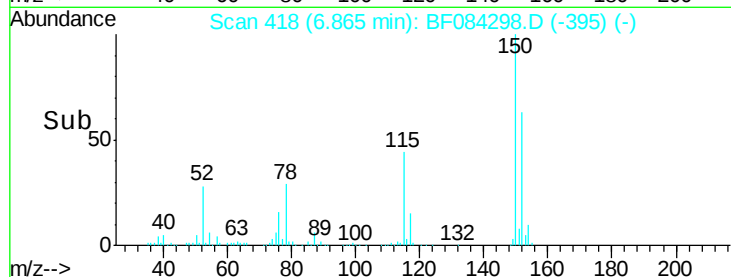
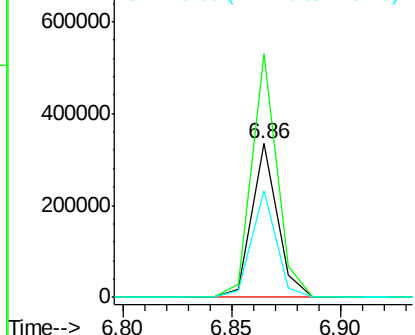
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

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

Tgt Ion:152 Resp: 272989
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.4
115 69.4 51.4 77.2



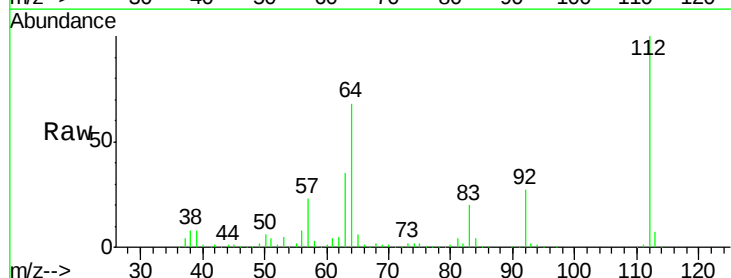
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



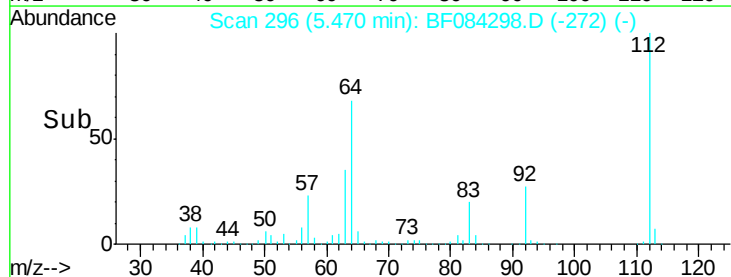
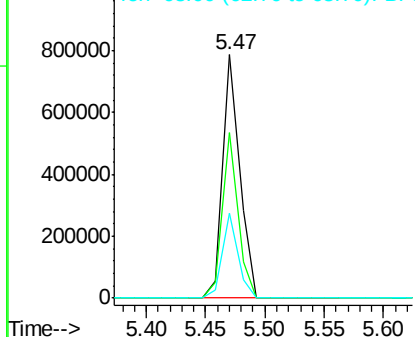
#5

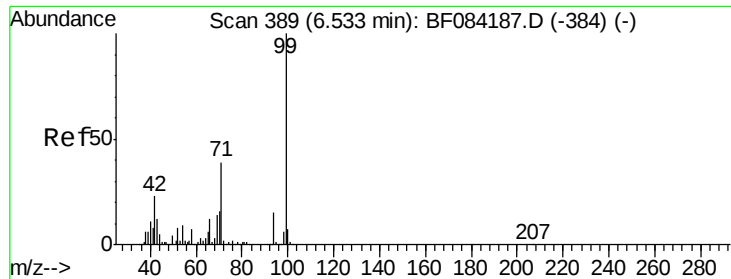
2-Fluorophenol
Concen: 45.94 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

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

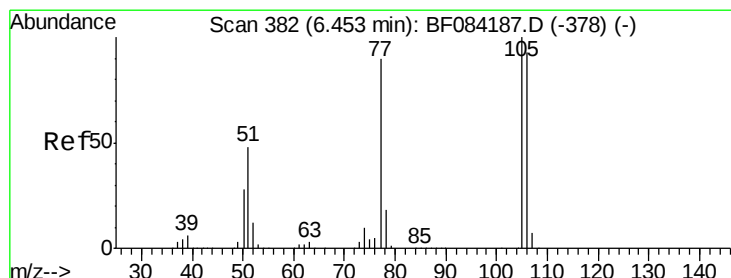
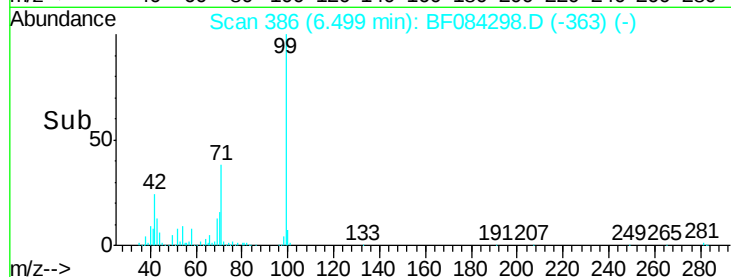
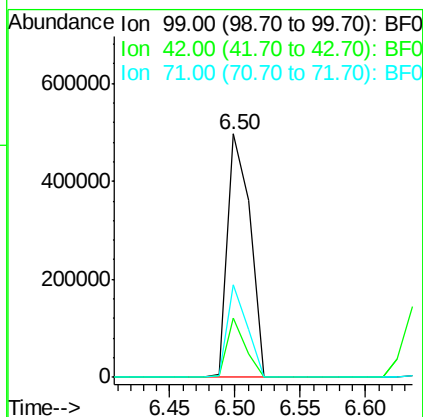
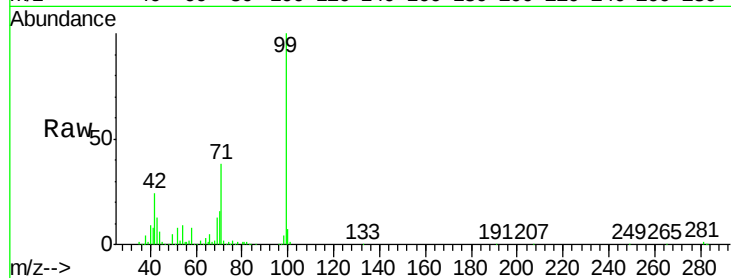
Tgt Ion: 99 Resp: 595964

Ion Ratio Lower Upper

99 100

42 24.3 12.8 19.2#

71 38.0 30.9 46.3



#9

Benzaldehyde

Concen: 2.80 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.18 min

Lab File: BF084298.D

Acq: 6 Jan 2016 19:15

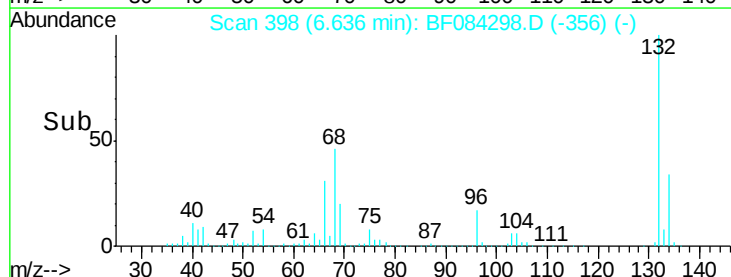
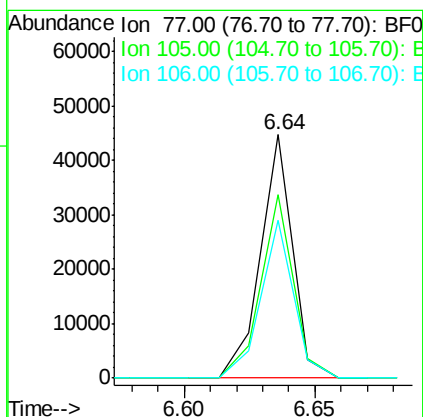
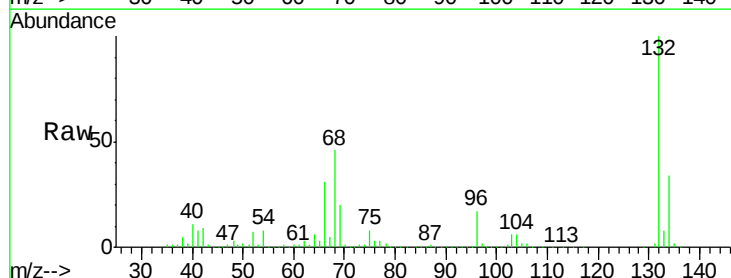
Tgt Ion: 77 Resp: 38600

Ion Ratio Lower Upper

77 100

105 75.6 83.0 123.0#

106 64.9 74.6 114.6#

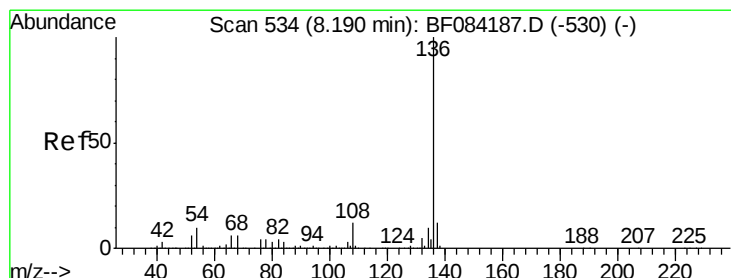
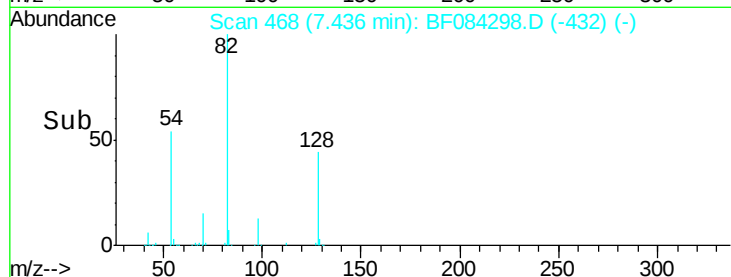
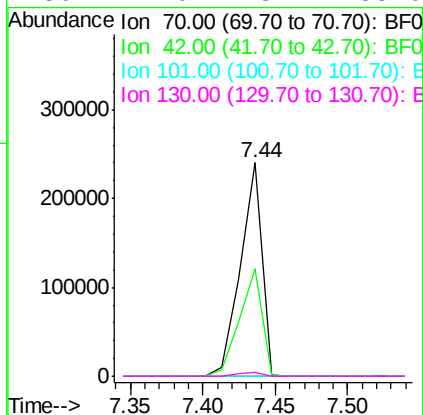
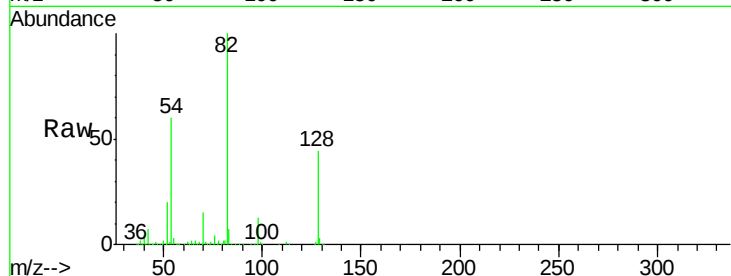




#19
n-Nitroso-di-n-propylamine
Concen: 17.28 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

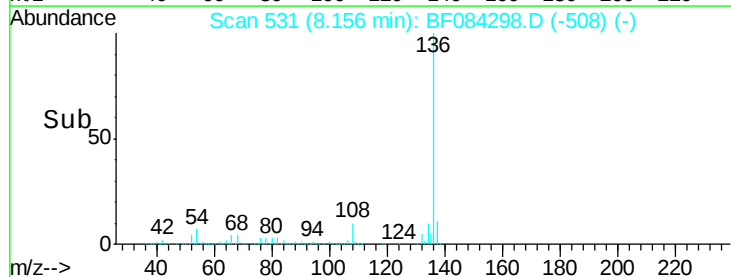
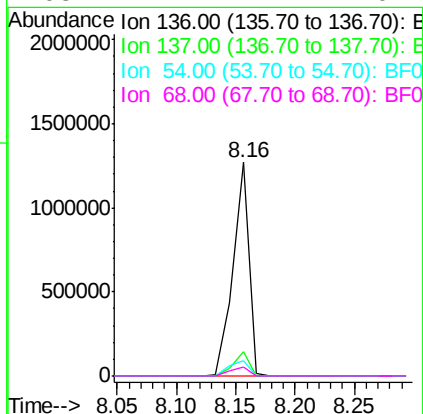
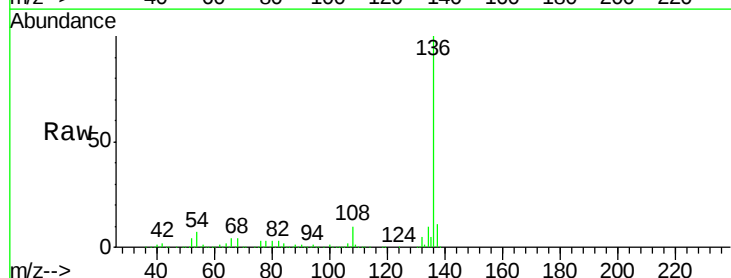
Instrument :
BNA_F
ClientSampleId :
GUNHILLFIELDBLANK-2-1-4-16

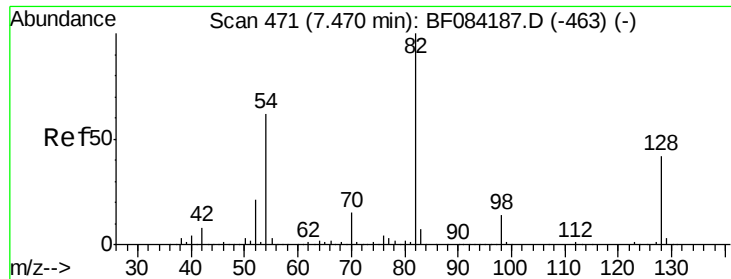
Tgt Ion: 70 Resp: 248000
Ion Ratio Lower Upper
70 100
42 50.1 33.3 49.9#
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#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

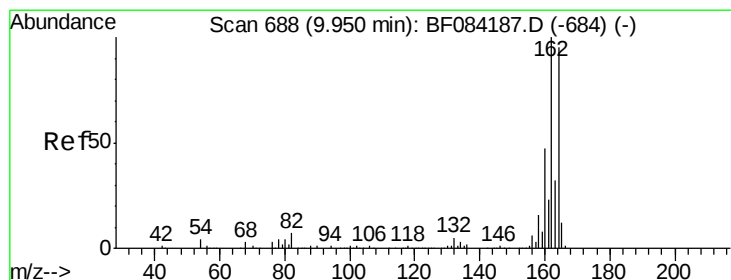
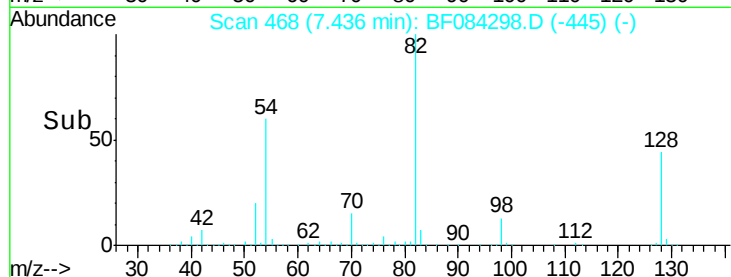
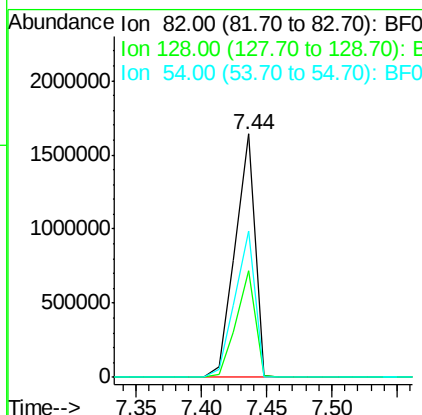
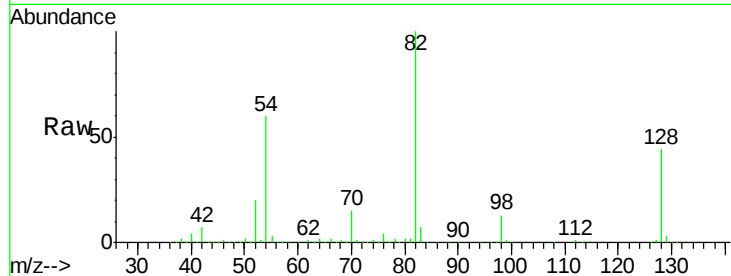




#23
 Nitrobenzene-d5
 Concen: 81.33 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

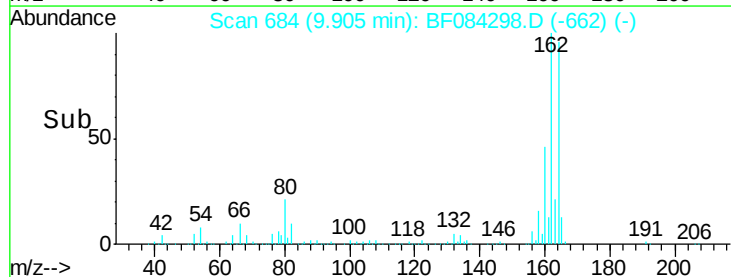
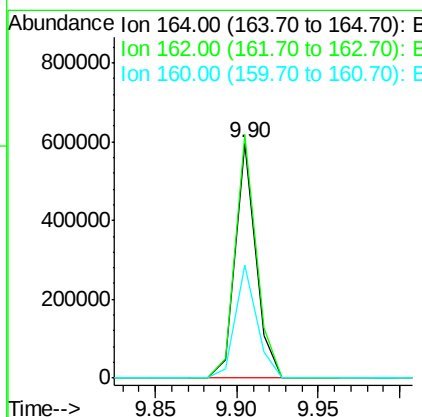
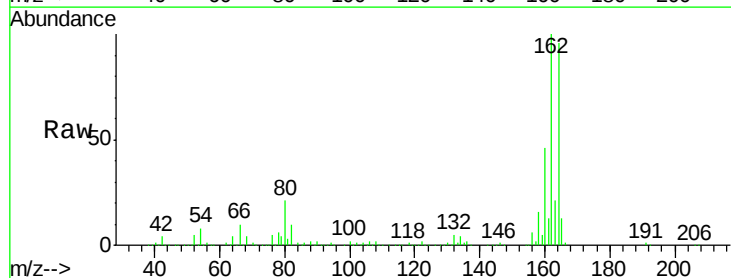
Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFIELDBLANK-2-1-4-16

Tgt 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

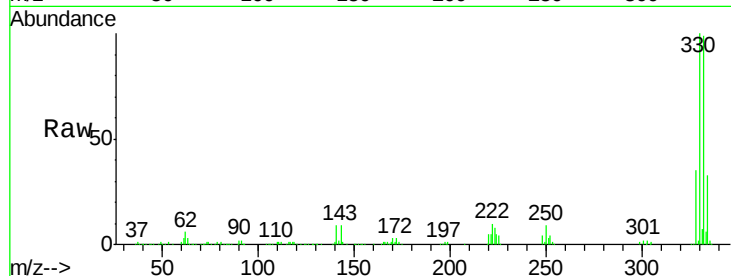




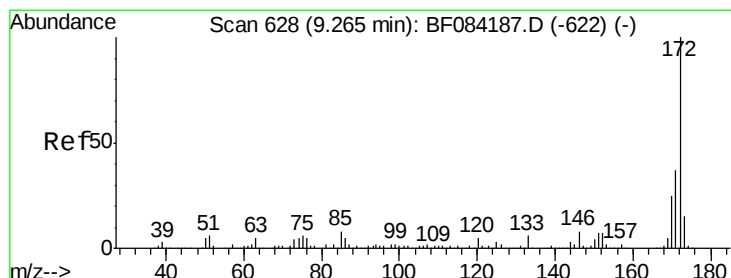
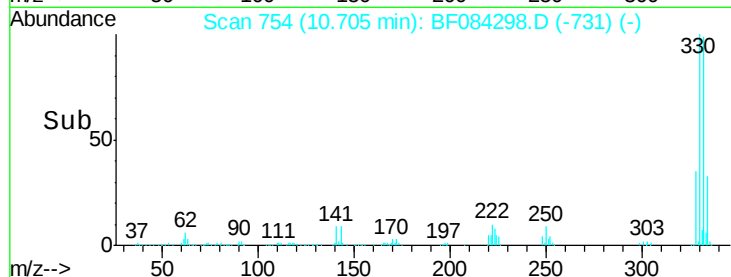
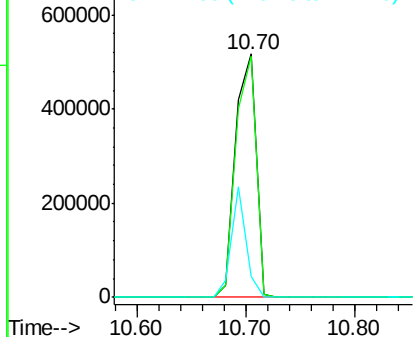
#41
 2,4,6-Tribromophenol
 Concen: 128.53 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

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

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

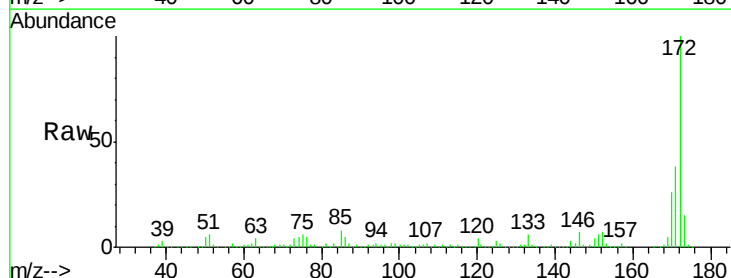


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

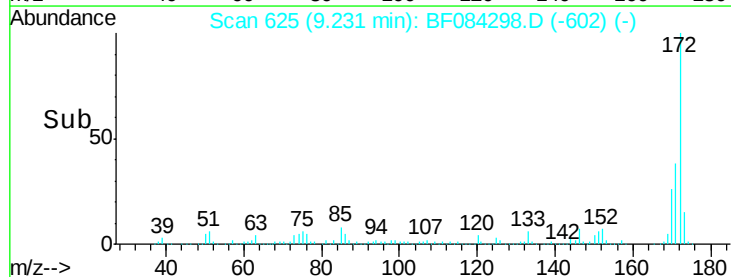
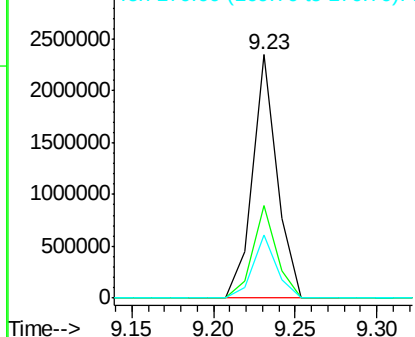


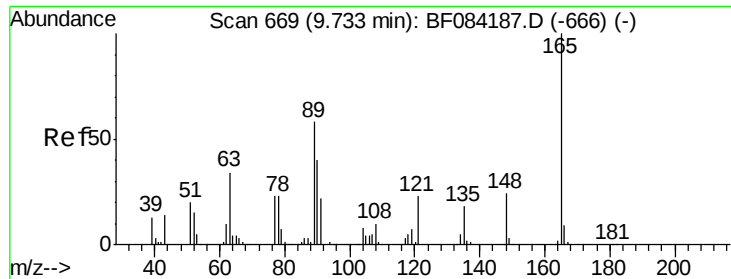
#44
 2-Fluorobiphenyl
 Concen: 83.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084298.D
 Acq: 6 Jan 2016 19:15

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

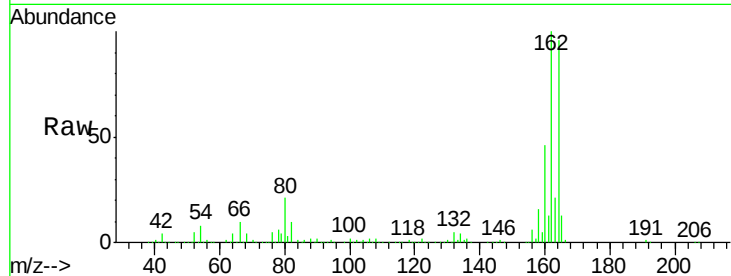




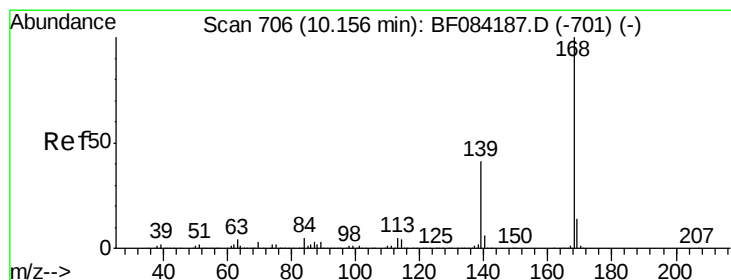
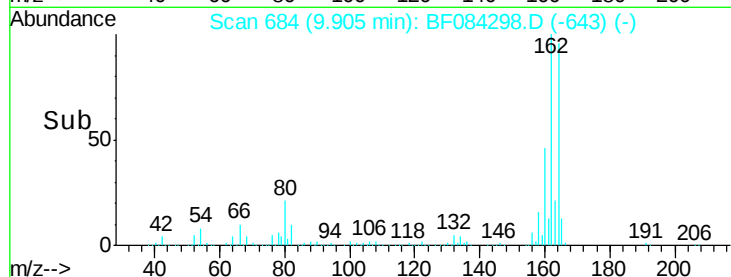
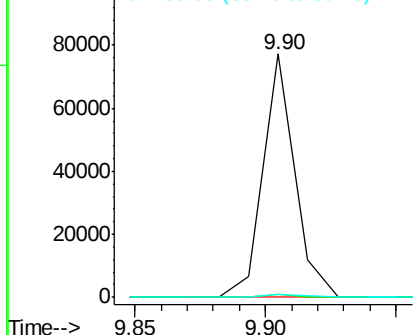
#50
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.17 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

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

Tgt Ion:165 Resp: 65919
Ion Ratio Lower Upper
165 100
63 1.3 28.8 43.2#
89 1.4 35.1 52.7#

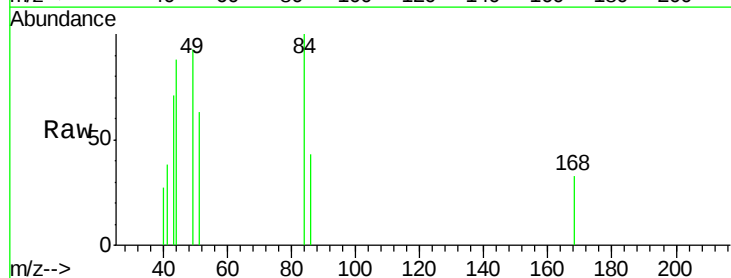


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

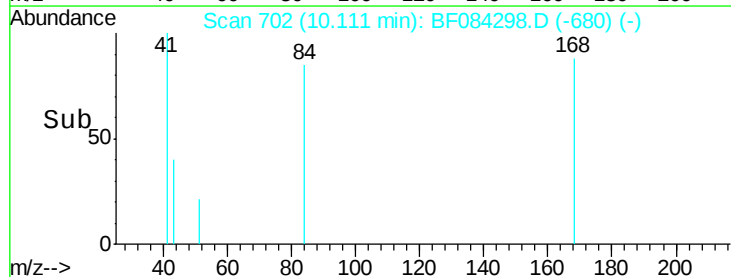
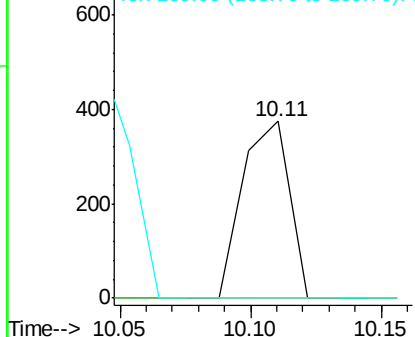


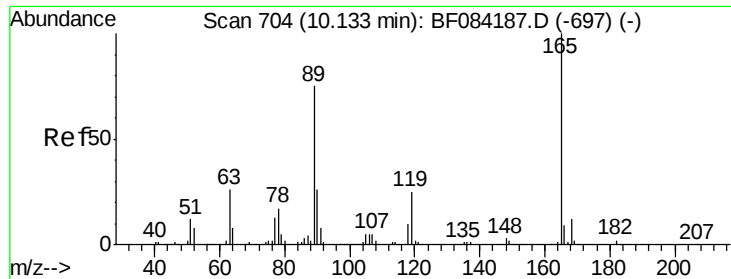
#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

Tgt Ion:168 Resp: 471
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

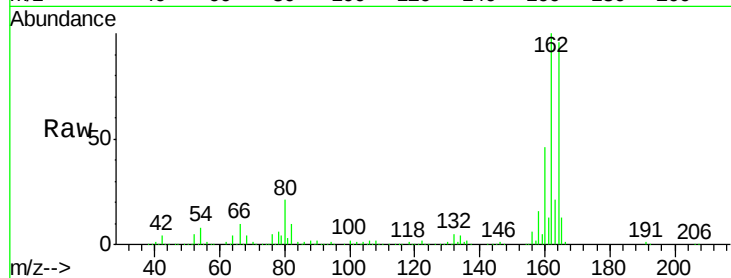




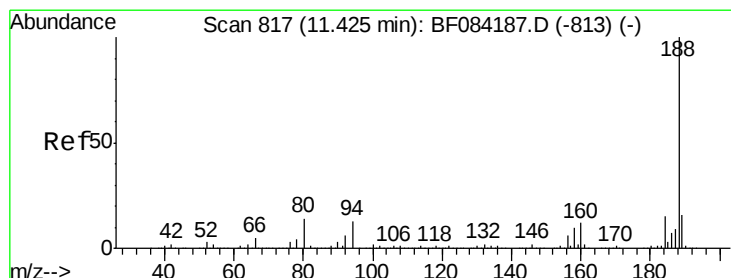
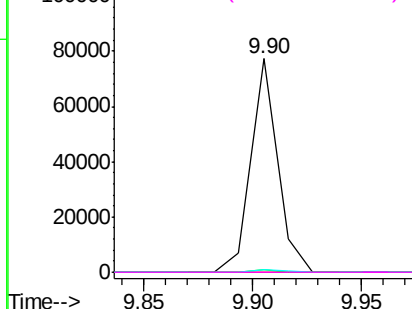
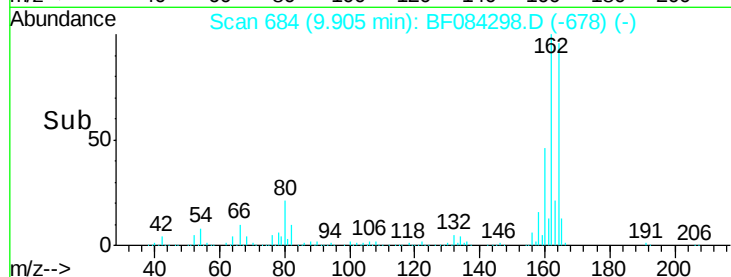
#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

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

Tgt Ion:165 Resp: 65906
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.4 61.9 92.9#
182 0.0 2.0 3.0#

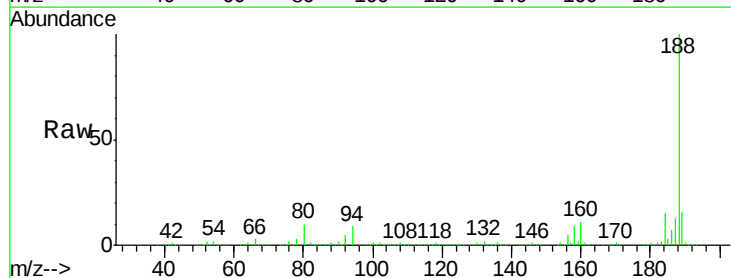


Abundance Ion 165.00 (164.70 to 165.70): E
120000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

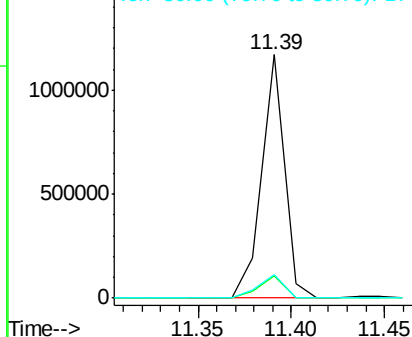
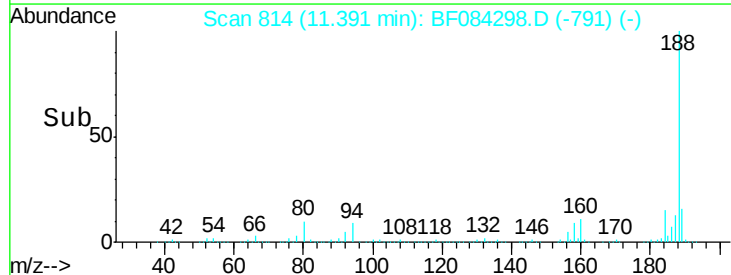


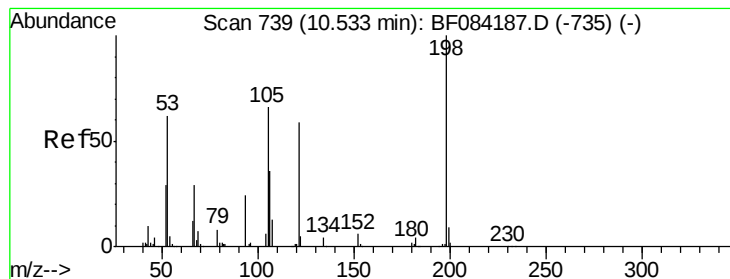
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084298.D
Acq: 6 Jan 2016 19:15

Tgt 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
1500000
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 6.61 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084298.D

Acq: 6 Jan 2016 19:15

Instrument :

BNA_F

ClientSampleId :

GUNHILLFIELDBLANK-2-1-4-16

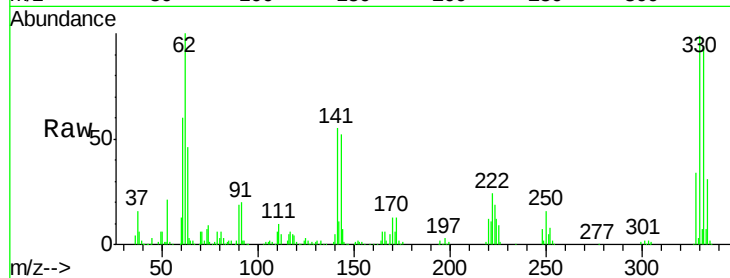
Tgt Ion:198 Resp: 1484

Ion Ratio Lower Upper

198 100

51 258.3 18.9 58.9#

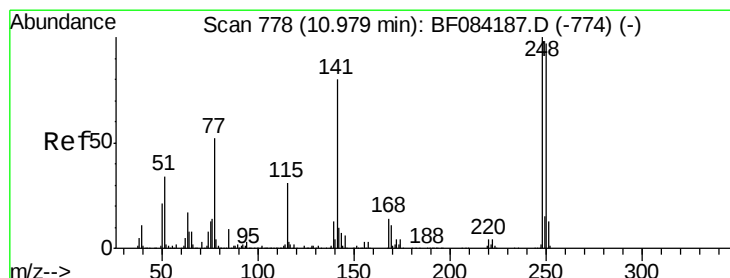
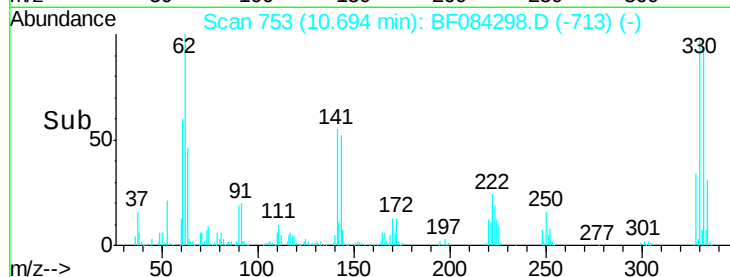
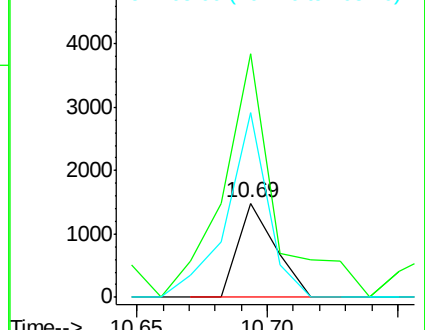
105 195.6 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.63 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF084298.D

Acq: 6 Jan 2016 19:15

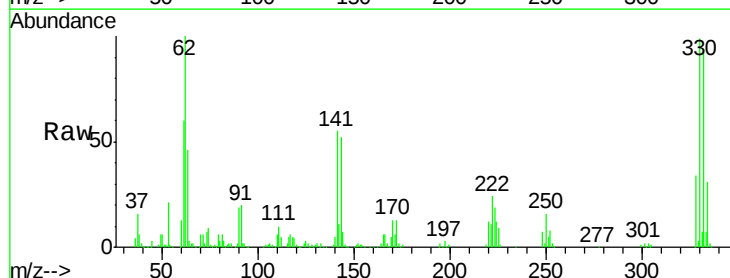
Tgt Ion:248 Resp: 38517

Ion Ratio Lower Upper

248 100

250 208.9 78.4 117.6#

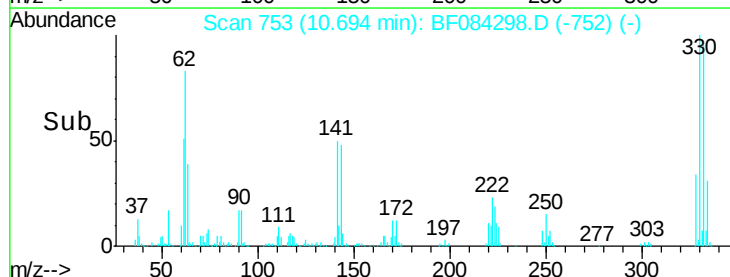
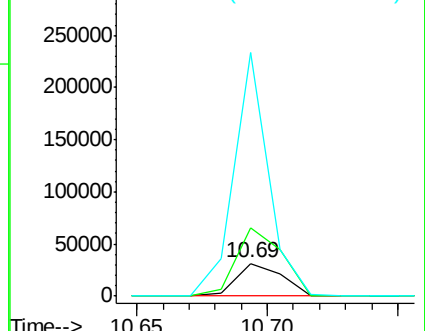
141 739.8 44.0 66.0#

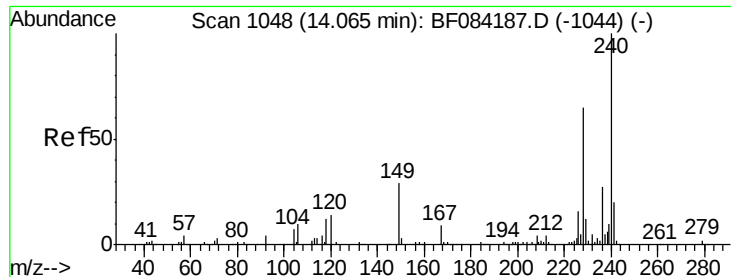


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

GUNHILLFIELDBLANK-2-1-4-16

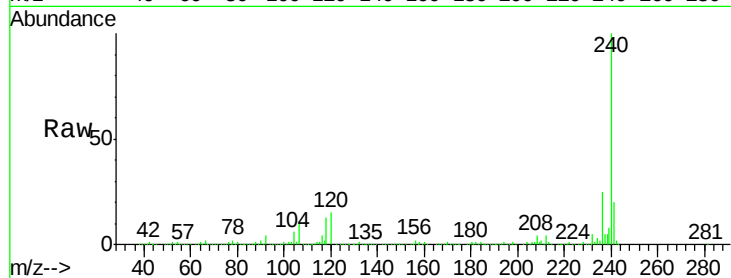
Tgt Ion:240 Resp: 805894

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

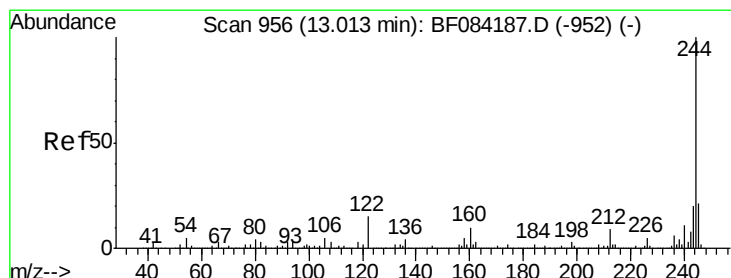
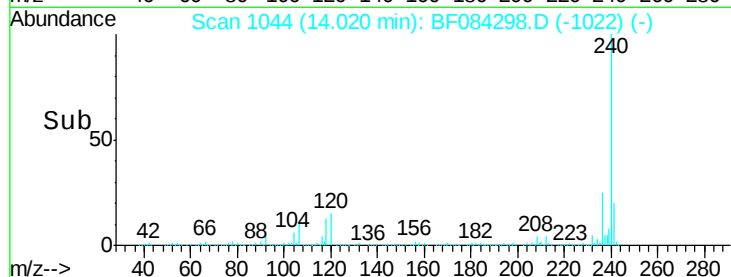
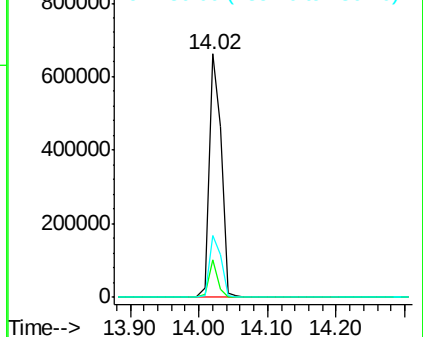
236 25.4 20.6 31.0



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

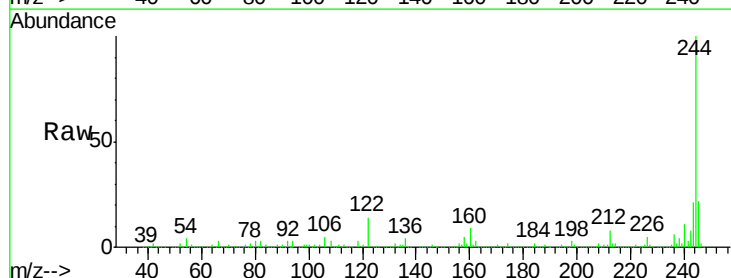
Tgt Ion:244 Resp: 2395912

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

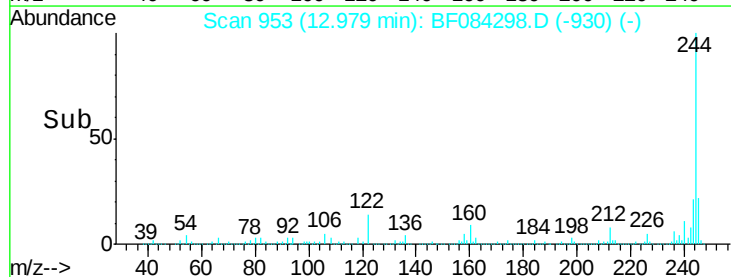
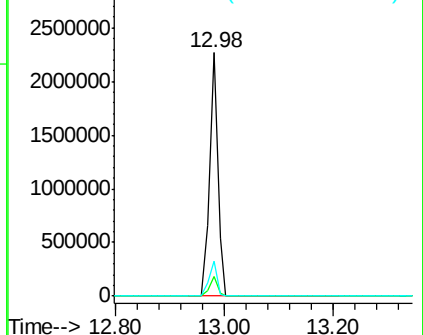
122 14.3 7.4 11.0#

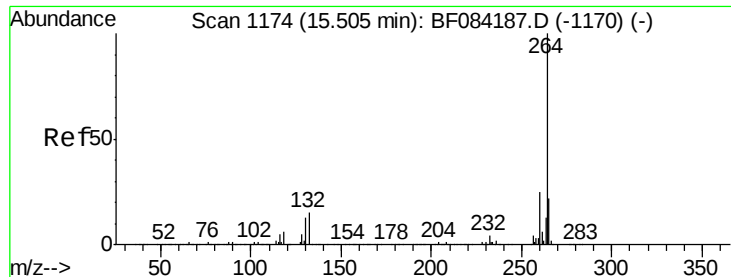


Abundance Ion 244.00 (243.70 to 244.70): E

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

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

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

