

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024115.D
 Acq On : 24 Sep 2016 8:49
 Operator : UM/SJ
 Sample : H4893-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LICFIELD BLANK-1-92016

Quant Time: Sep 26 01:01:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43639	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	176991	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	149425	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	354645	20.00	ng	0.00
75) Chrysene-d12	21.79	240	411341	20.00	ng	0.00
86) Perylene-d12	25.13	264	394495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	160657	63.78	ng	0.00
7) Phenol-d6	7.21	99	142524	33.63	ng	0.00
23) Nitrobenzene-d5	9.22	82	434507	96.76	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	314490	146.42	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	912639	102.67	ng	0.00
78) Terphenyl-d14	20.09	244	1738934	86.56	ng	0.00

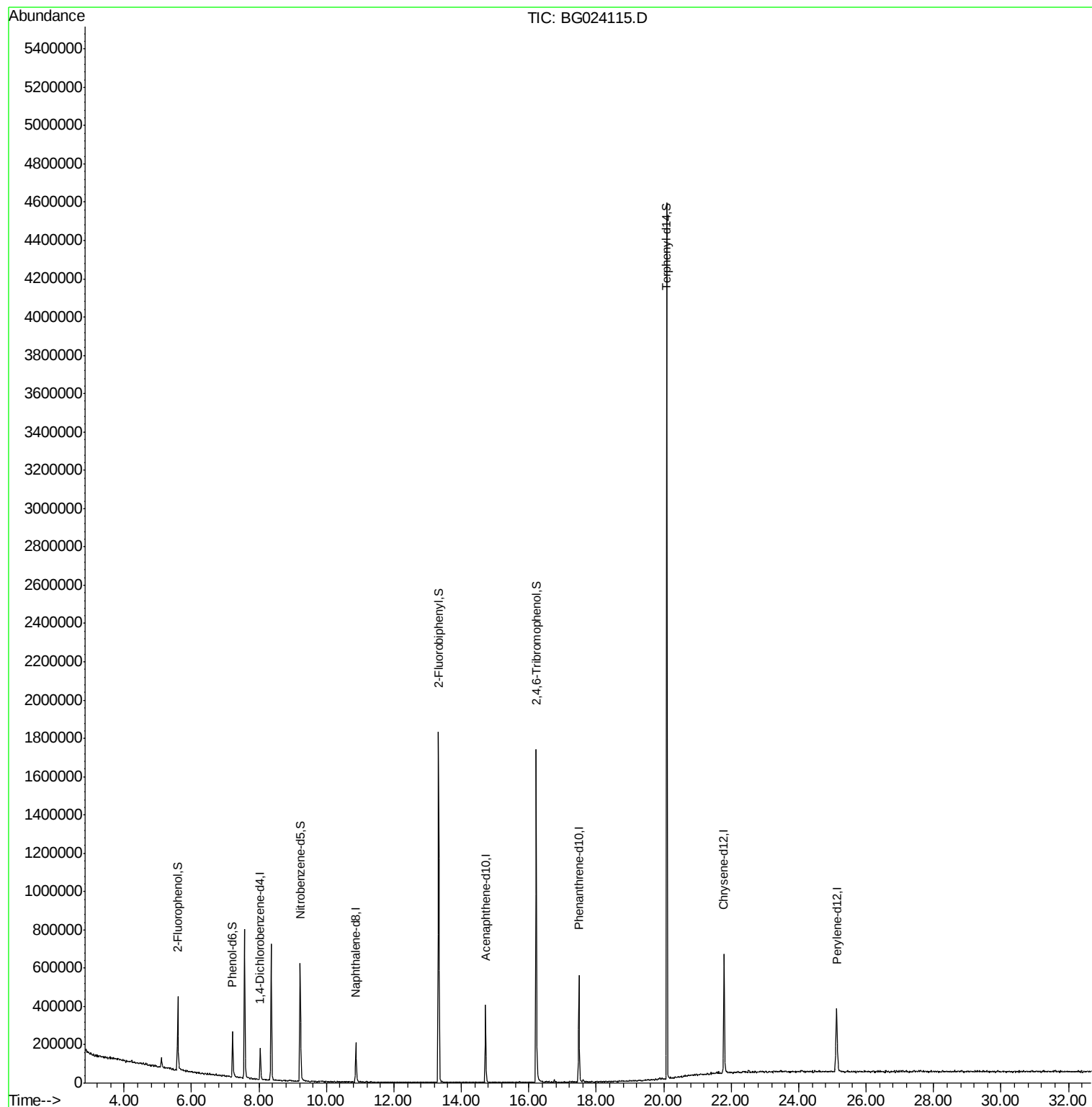
Target Compounds	Qvalue
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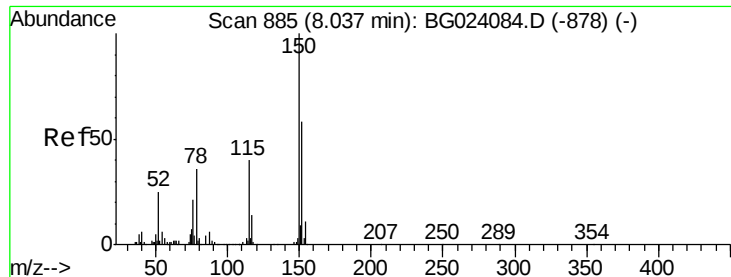
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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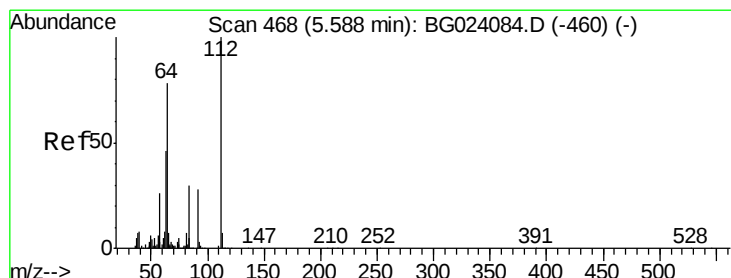
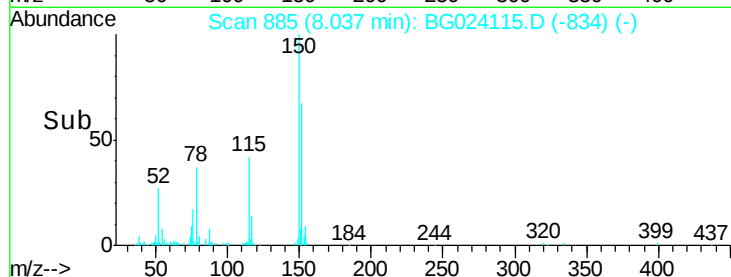
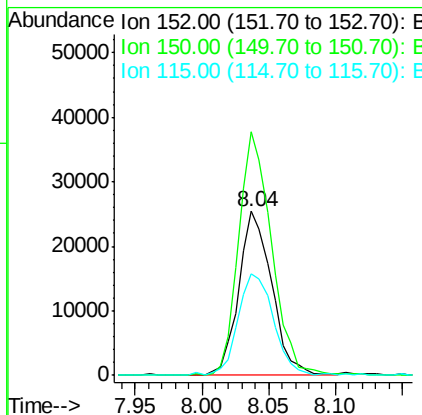
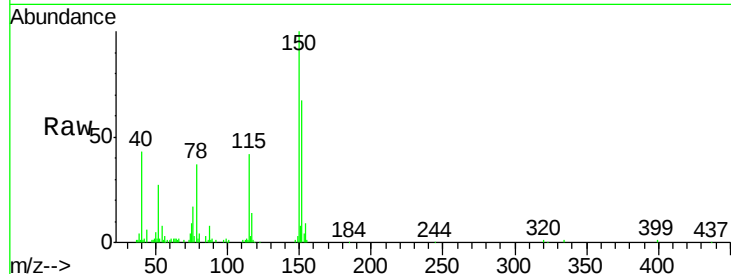


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.04 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG024115.D
 Acq: 24 Sep 2016 8:49

Instrument :
 BNA_G
 ClientSampleId :
 LICFIELDBLANK-1-92016

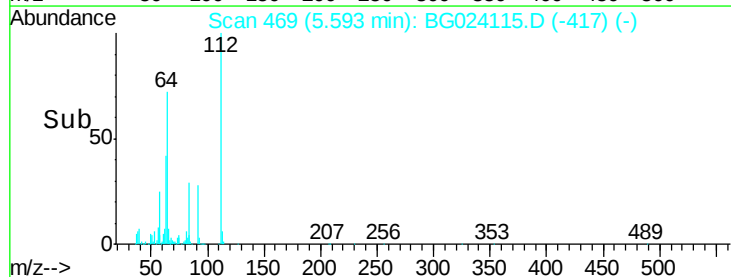
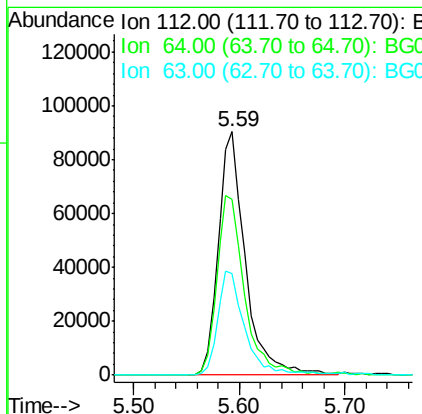
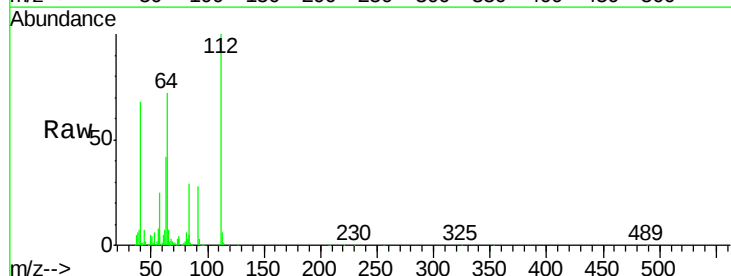
Tgt Ion:152 Resp: 43639
 Ion Ratio Lower Upper
 152 100
 150 148.7 144.7 217.1
 115 62.1 64.0 96.0#

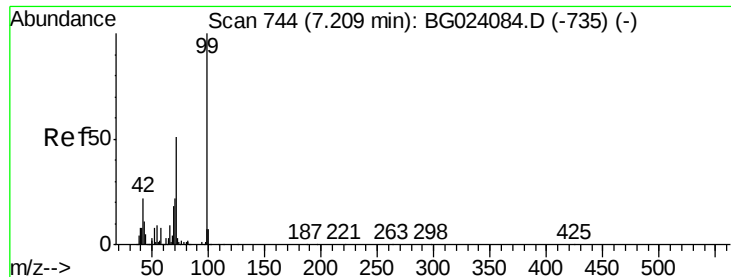


#5

2-Fluorophenol
 Concen: 63.78 ng
 RT: 5.59 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: BG024115.D
 Acq: 24 Sep 2016 8:49

Tgt Ion:112 Resp: 160657
 Ion Ratio Lower Upper
 112 100
 64 72.0 59.0 88.4
 63 41.9 37.8 56.8





#7

Phenol-d6

Concen: 33.63 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024115.D

Acq: 24 Sep 2016 8:49

Instrument :

BNA_G

ClientSampleId :

LICFIELDBLANK-1-92016

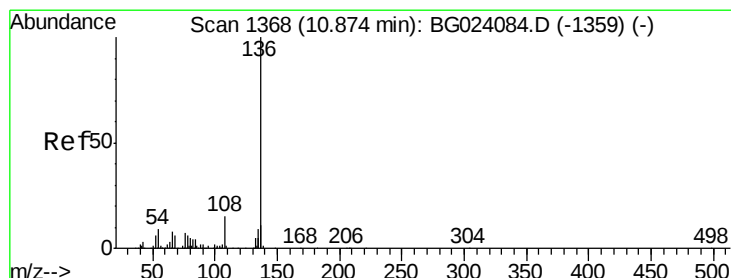
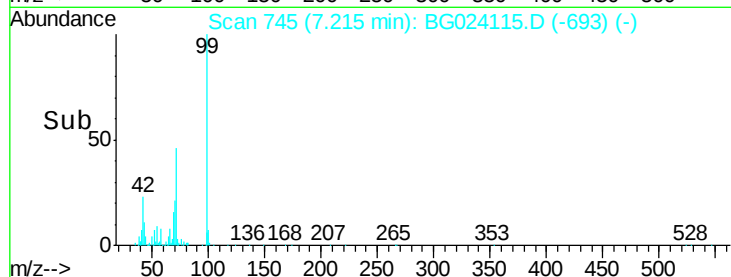
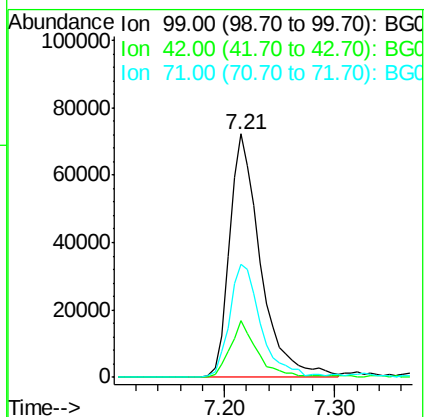
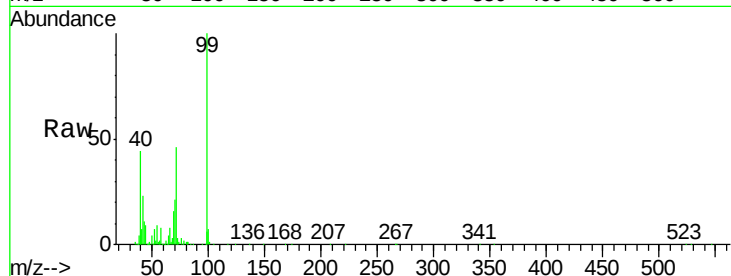
Tgt Ion: 99 Resp: 142524

Ion Ratio Lower Upper

99 100

42 23.1 17.8 26.6

71 46.3 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BG024115.D

Acq: 24 Sep 2016 8:49

Tgt Ion: 136 Resp: 176991

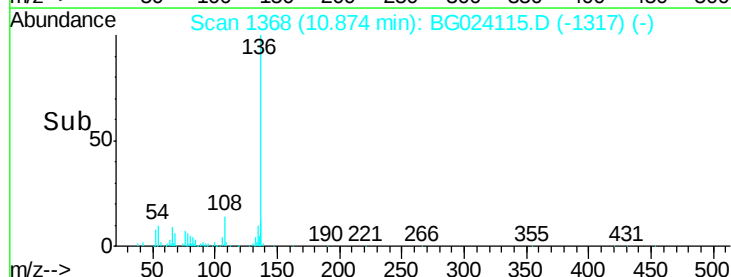
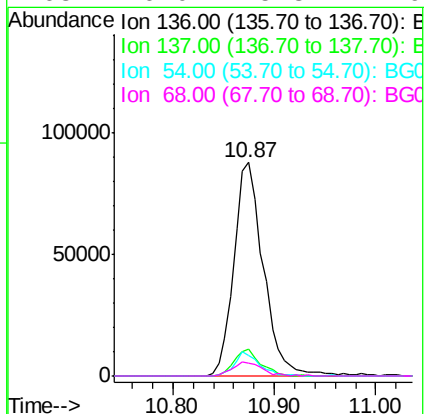
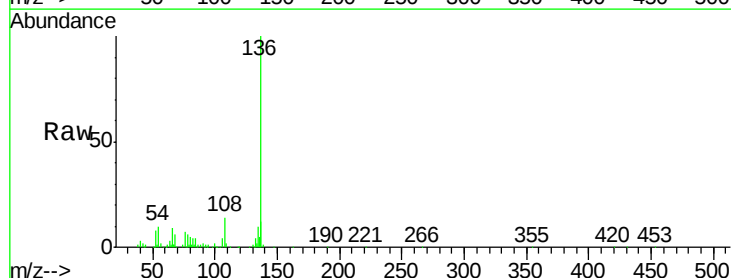
Ion Ratio Lower Upper

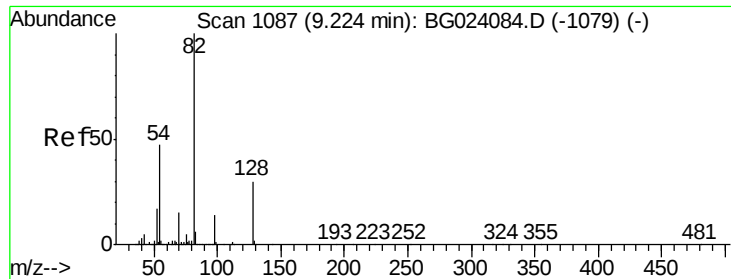
136 100

137 12.4 9.6 14.4

54 9.8 7.3 10.9

68 6.0 5.3 7.9

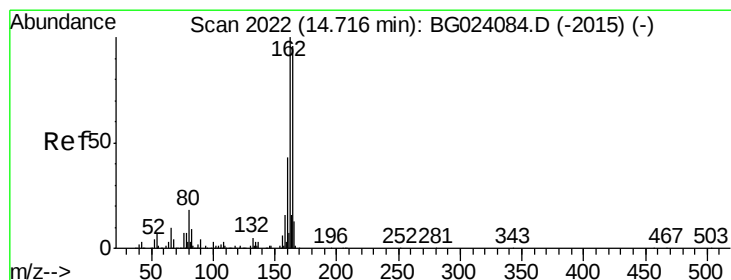
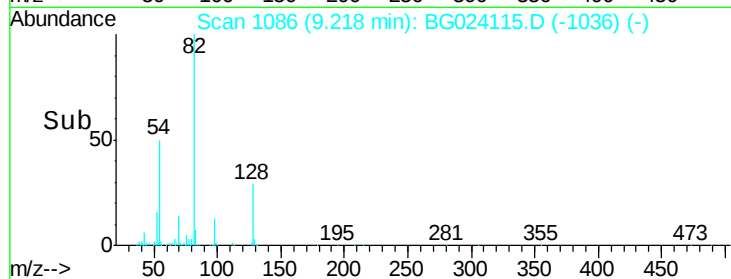
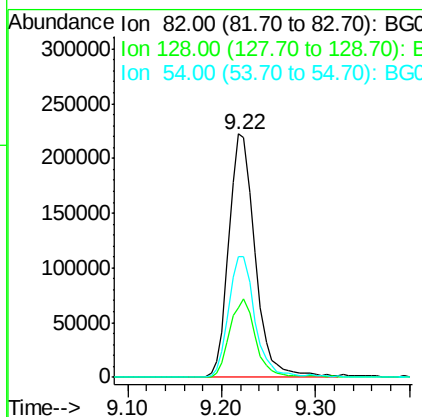
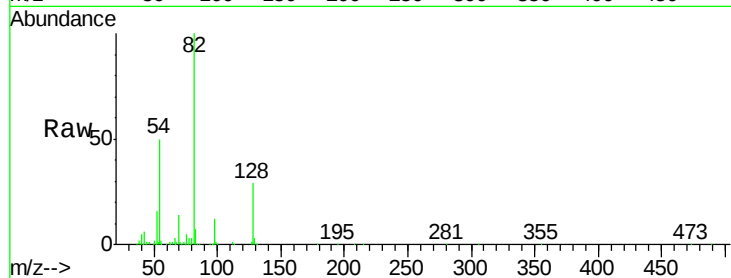




#23
 Nitrobenzene-d5
 Concen: 96.76 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024115.D
 Acq: 24 Sep 2016 8:49

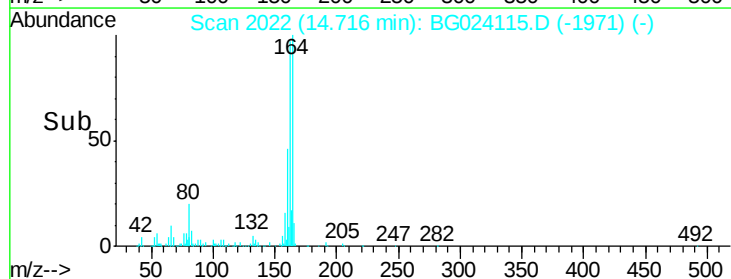
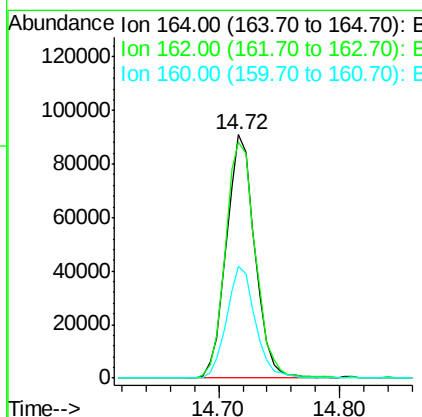
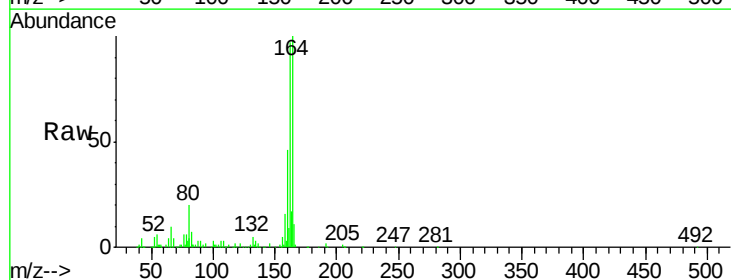
Instrument :
 BNA_G
 ClientSampleId :
 LICFIELDBLANK-1-92016

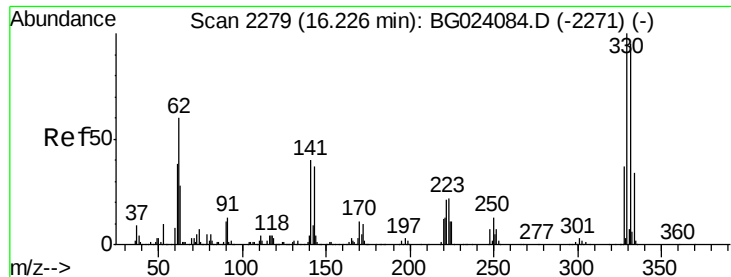
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.7	24.4	36.6
54	49.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024115.D
 Acq: 24 Sep 2016 8:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	87.7	131.5
160	45.8	37.2	55.8

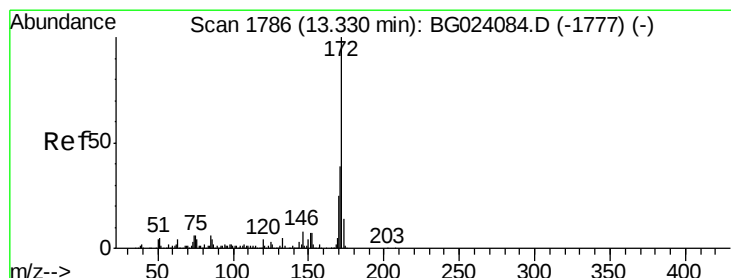
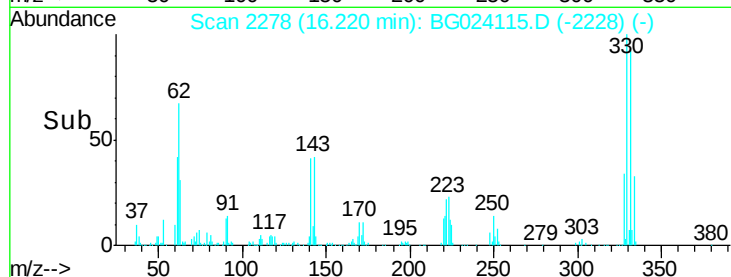
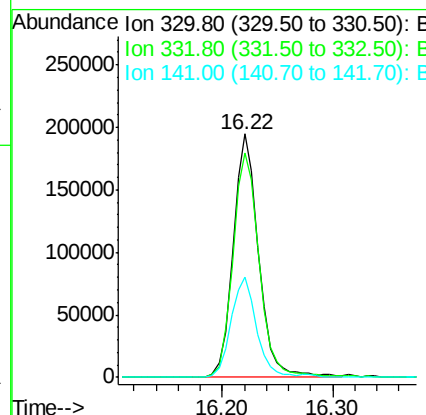
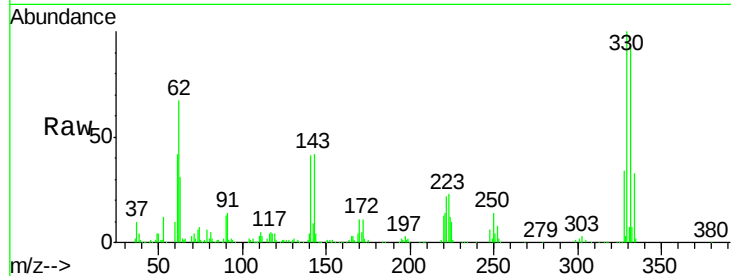




#41
 2,4,6-Tribromophenol
 Concen: 146.42 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024115.D
 Acq: 24 Sep 2016 8:49

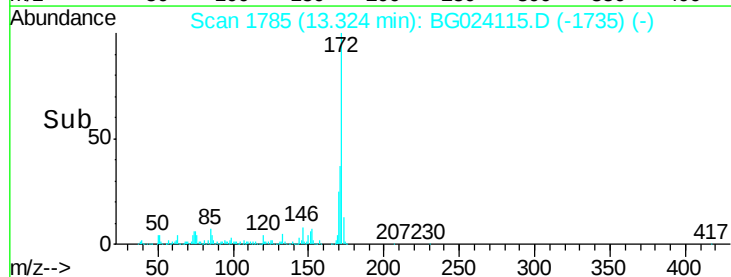
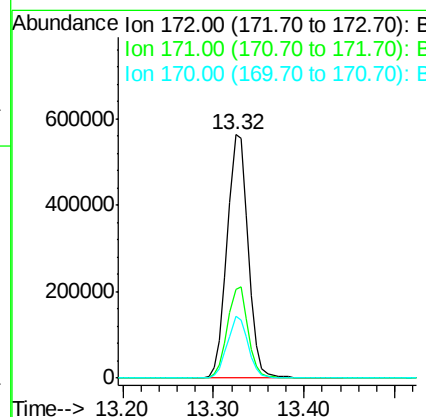
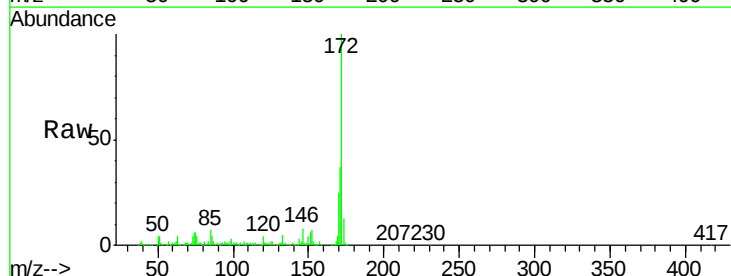
Instrument :
 BNA_G
 ClientSampleId :
 LICFIELDBLANK-1-92016

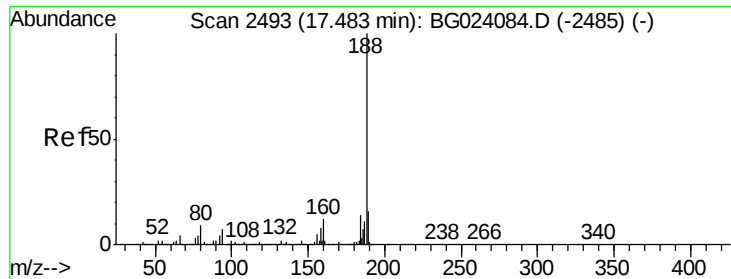
Tgt Ion:330 Resp: 314490
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 42.0 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 102.67 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024115.D
 Acq: 24 Sep 2016 8:49

Tgt Ion:172 Resp: 912639
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.6 47.4
 170 25.3 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG024115.D

Acq: 24 Sep 2016 8:49

Instrument :

BNA_G

ClientSampleId :

LICFIELDBLANK-1-92016

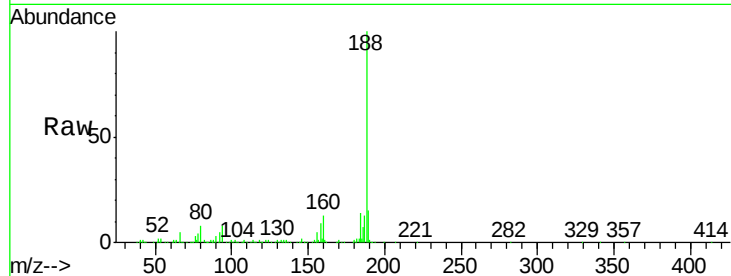
Tgt Ion:188 Resp: 354645

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

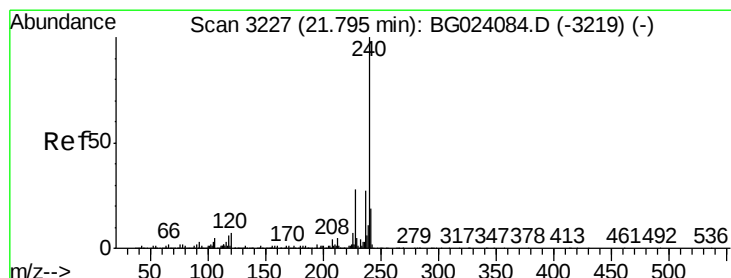
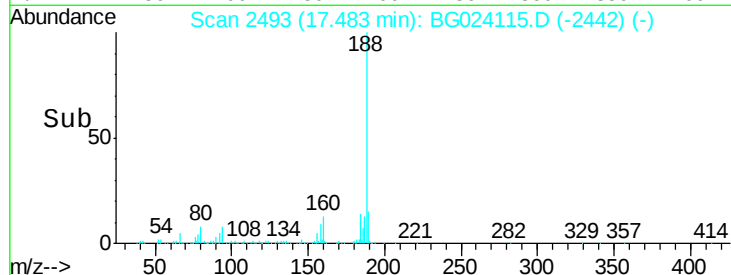
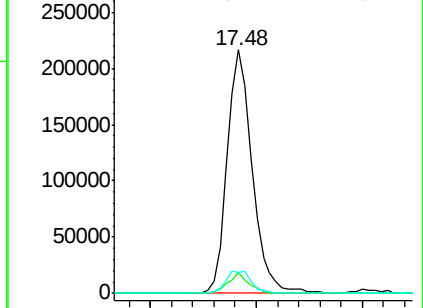
80 8.4 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024115.D

Acq: 24 Sep 2016 8:49

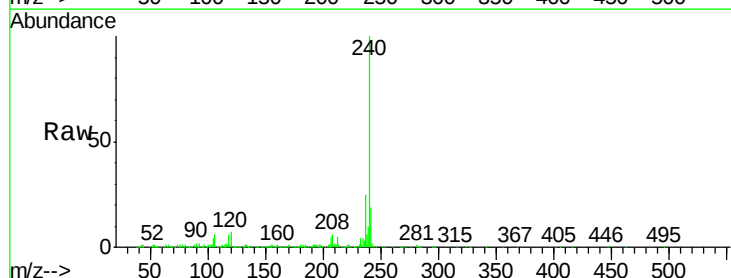
Tgt Ion:240 Resp: 411341

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

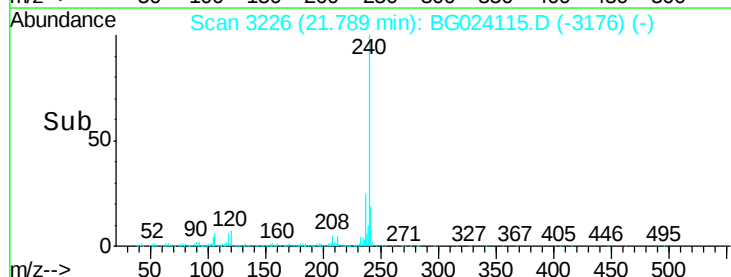
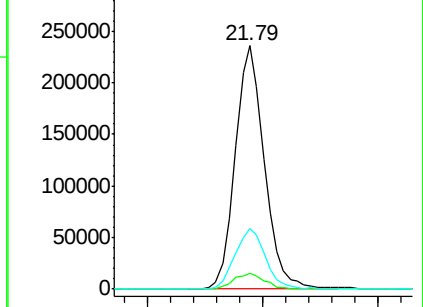
236 24.9 21.1 31.7

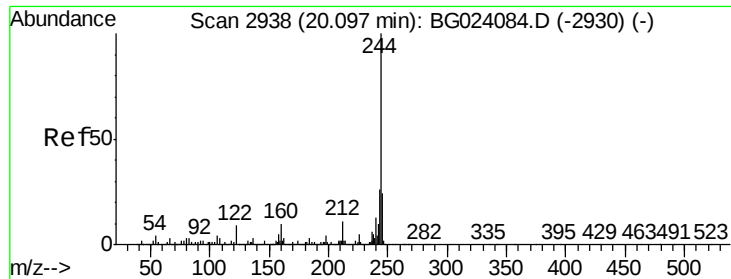


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.56 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024115.D

Acq: 24 Sep 2016 8:49

Instrument :

BNA_G

ClientSampleId :

LICFIELDBLANK-1-92016

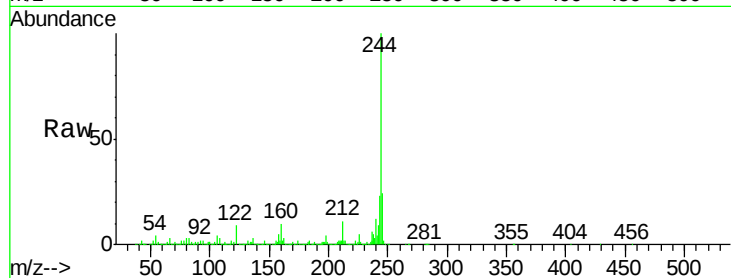
Tgt Ion:244 Resp: 1738934

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2

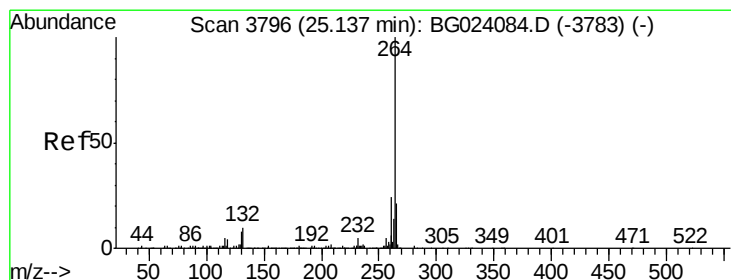
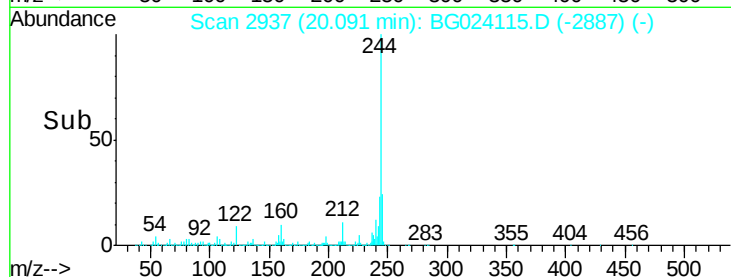
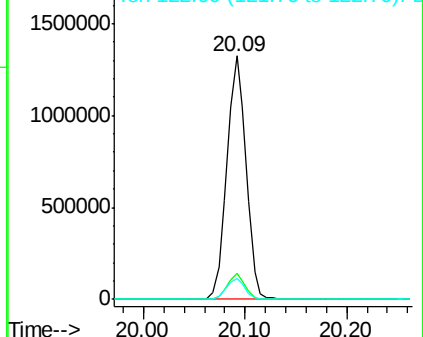
122 8.8 8.0 12.0



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: 25.13 min Scan# 3794

Delta R.T. -0.01 min

Lab File: BG024115.D

Acq: 24 Sep 2016 8:49

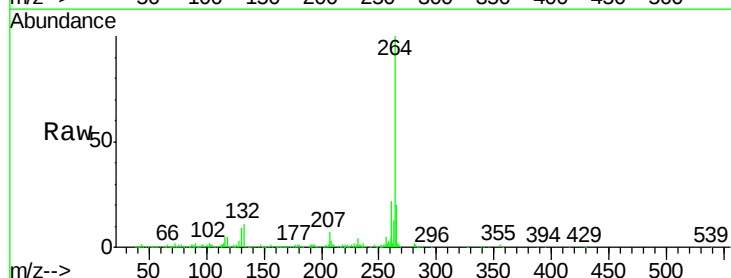
Tgt Ion:264 Resp: 394495

Ion Ratio Lower Upper

264 100

260 22.3 18.4 27.6

265 19.5 18.9 28.3



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

