

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
 Data File : BG017966.D
 Acq On : 19 Jul 2015 20:34
 Operator : TP/UM
 Sample : G2975-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-1(0-2)

Quant Time: Jul 20 03:44:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

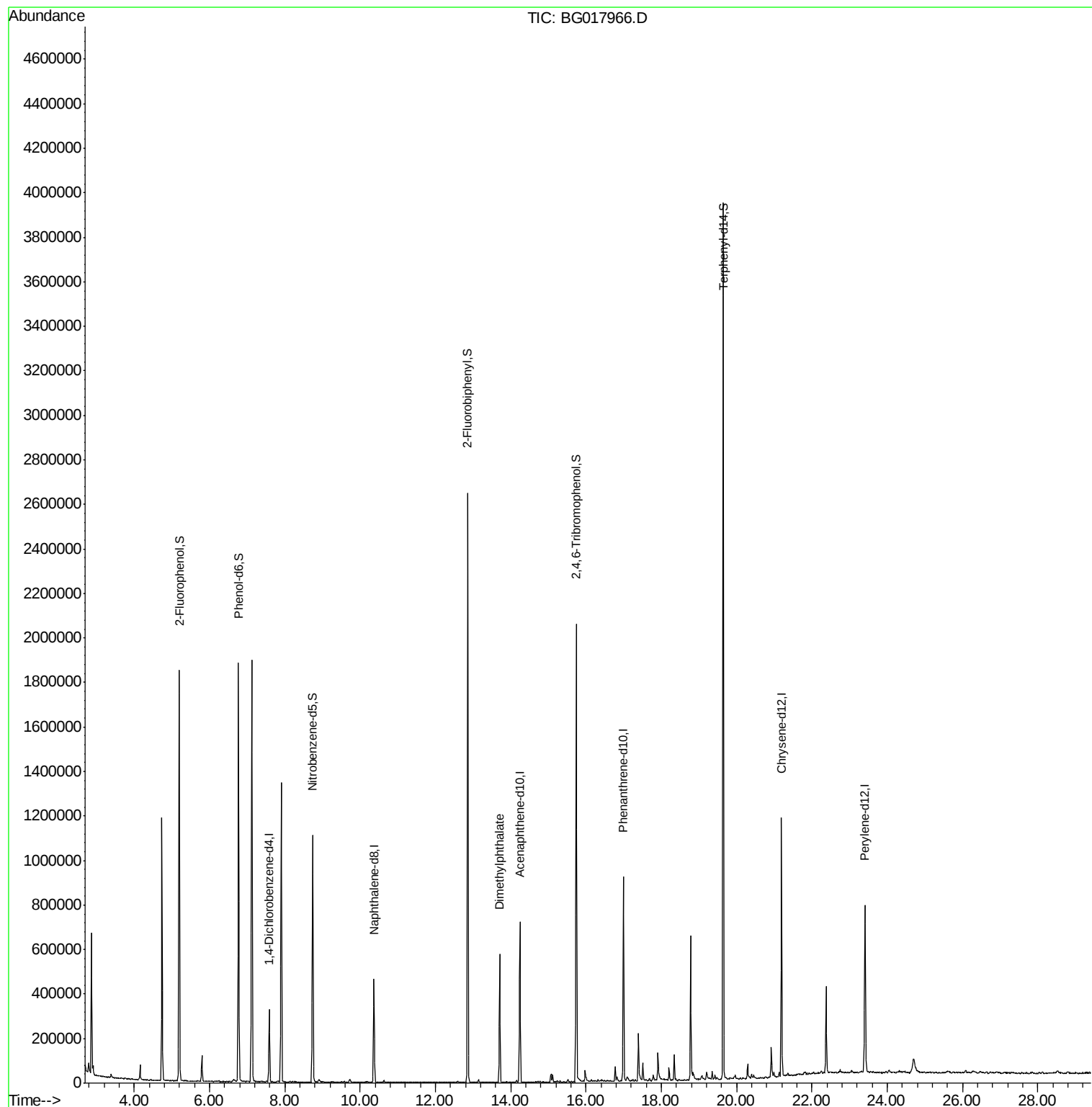
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	90216	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	394565	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	248780	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	518736	20.00	ng	0.00
75) Chrysene-d12	21.20	240	523123	20.00	ng	0.00
86) Perylene-d12	23.41	264	503694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	814341	157.47	ng	0.00
7) Phenol-d6	6.77	99	1068275	157.67	ng	0.00
23) Nitrobenzene-d5	8.74	82	621009	101.94	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	364323	144.54	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1315167	91.61	ng	0.00
78) Terphenyl-d14	19.64	244	1596931	76.90	ng	0.00
Target Compounds						
32) Benzoic acid	9.67	122	662	Below Cal	#	62
49) Dimethylphthalate	13.70	163	368798	21.34	ng	99
53) 2,4-Dinitrophenol	14.20	184	66	Below Cal	#	24
64) 4,6-Dinitro-2-methylphenol	15.34	198	56	Below Cal	#	1
69) Pentachlorophenol	16.59	266	84	Below Cal	#	18

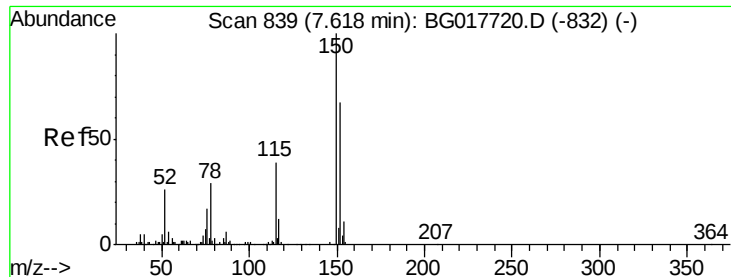
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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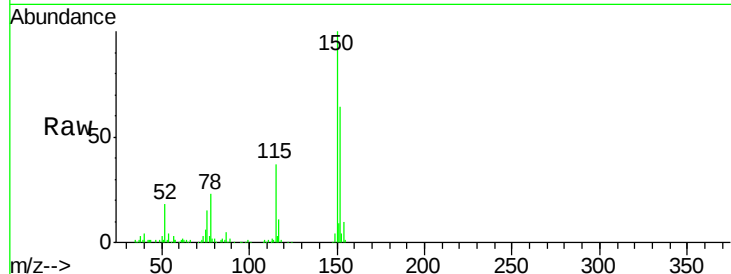


#1

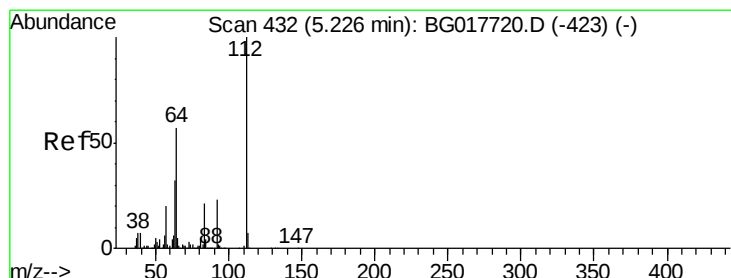
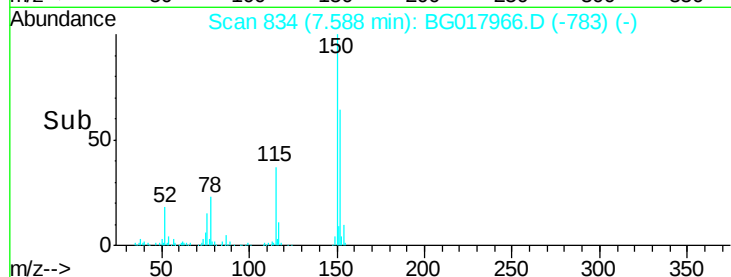
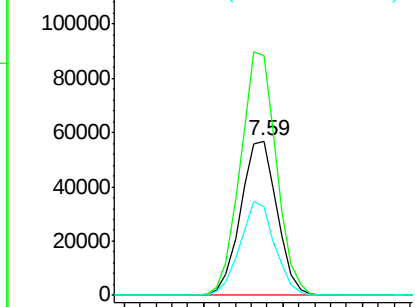
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017966.D
Acq: 19 Jul 2015 20:34

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE-FAIL-1(0-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.1	178.7
115	57.8	47.0	70.4



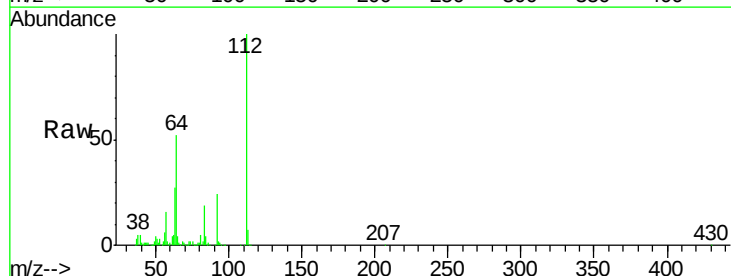
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



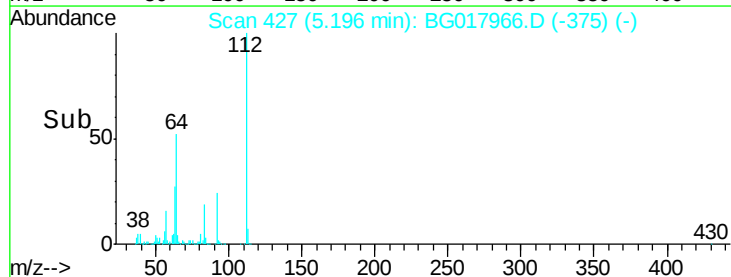
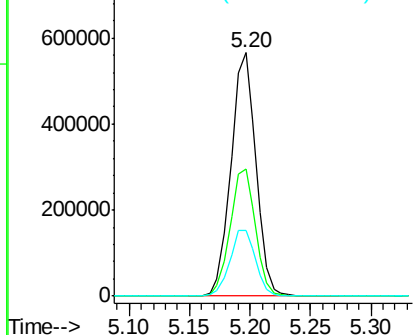
#5

2-Fluorophenol
Concen: 157.47 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017966.D
Acq: 19 Jul 2015 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	45.4	68.0
63	26.9	25.3	37.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 157.67 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017966.D

Acq: 19 Jul 2015 20:34

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-1(0-2)

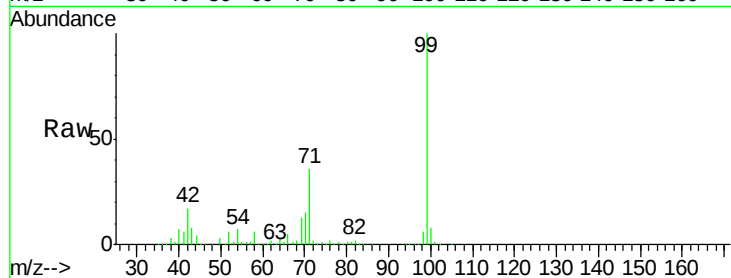
Tgt Ion: 99 Resp: 1068275

Ion Ratio Lower Upper

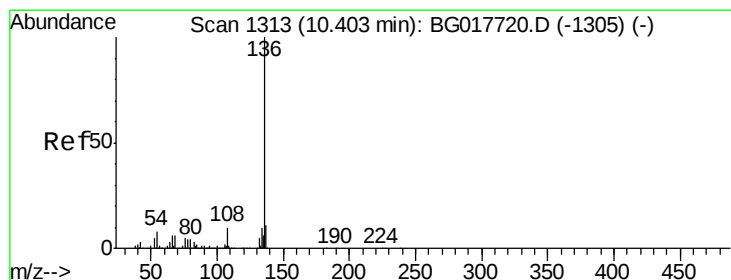
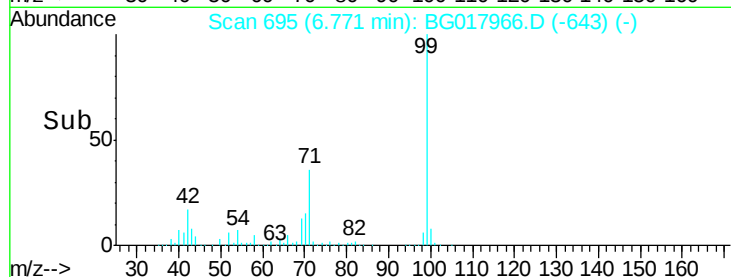
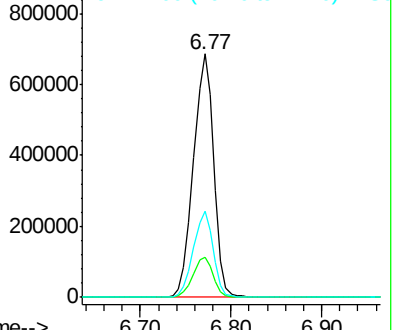
99 100

42 16.7 16.2 24.4

71 35.5 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017966.D

Acq: 19 Jul 2015 20:34

Tgt Ion: 136 Resp: 394565

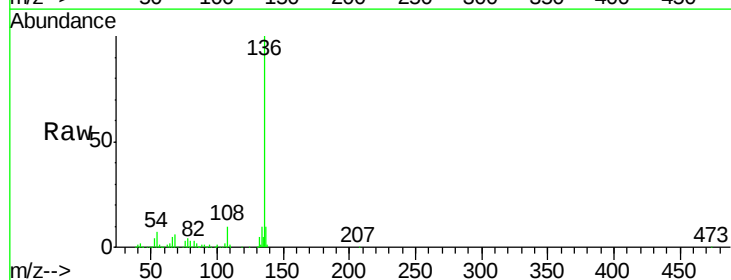
Ion Ratio Lower Upper

136 100

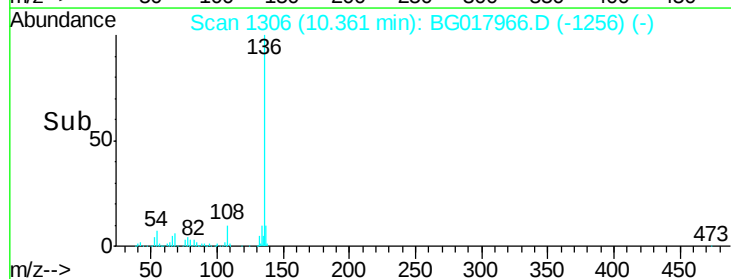
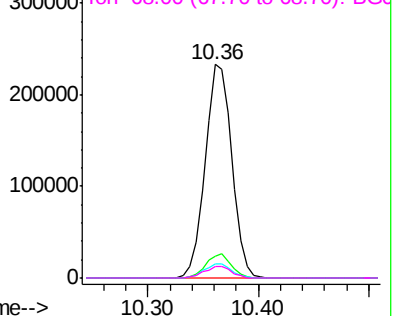
137 10.1 8.8 13.2

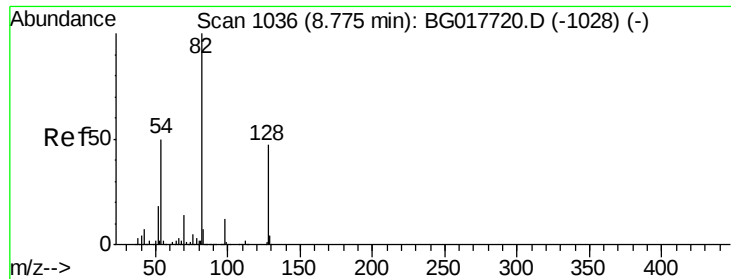
54 6.5 6.6 9.8#

68 5.7 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

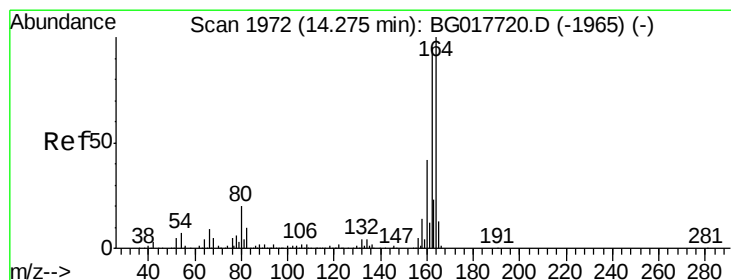
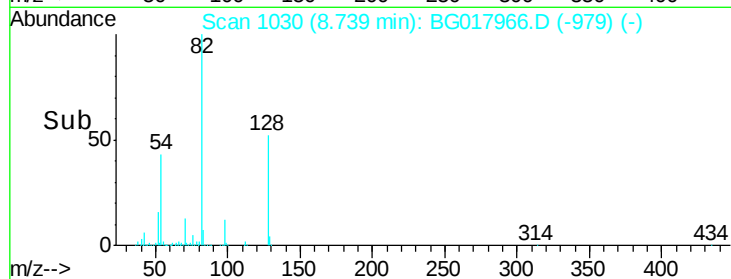
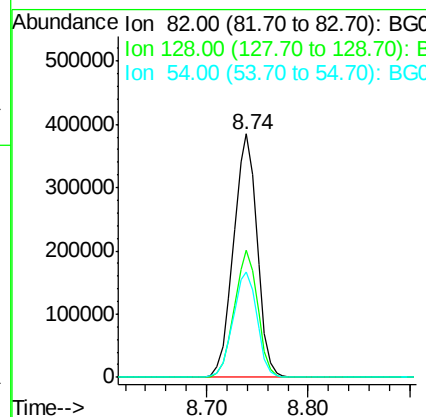
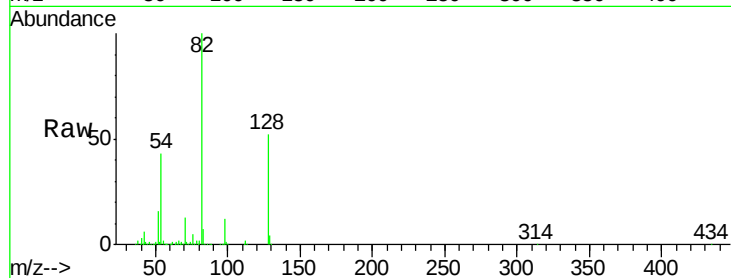




#23
Nitrobenzene-d5
Concen: 101.94 ng
RT: 8.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG017966.D
Acq: 19 Jul 2015 20:34

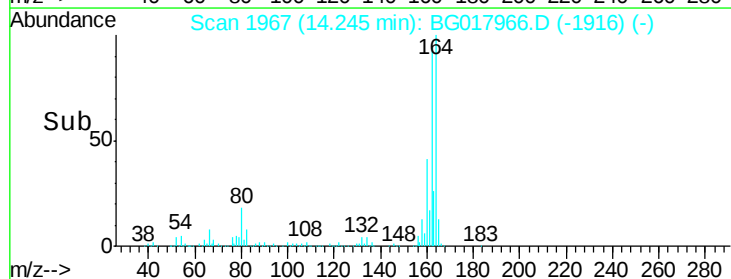
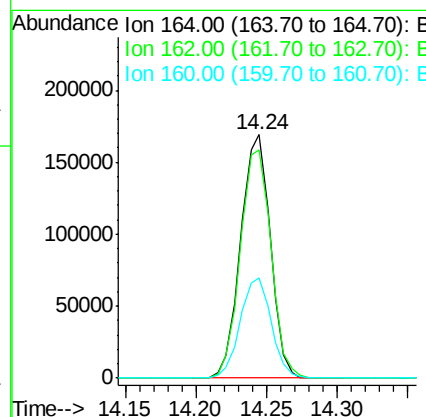
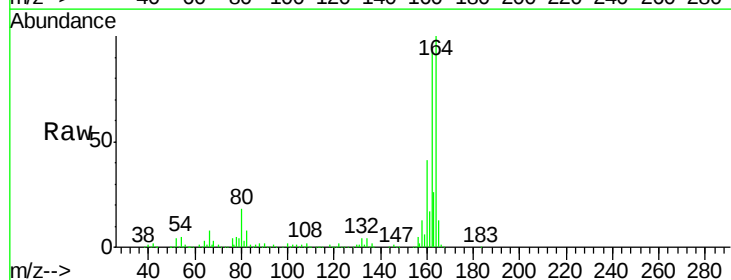
Instrument :
BNA_G
ClientSampleId :
AB-SLOPE-FAIL-1(0-2)

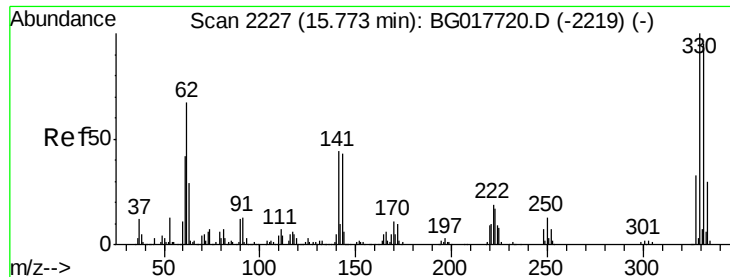
Tgt Ion: 82 Resp: 621009
Ion Ratio Lower Upper
82 100
128 52.1 37.8 56.6
54 43.3 39.9 59.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG017966.D
Acq: 19 Jul 2015 20:34

Tgt Ion: 164 Resp: 248780
Ion Ratio Lower Upper
164 100
162 93.7 76.3 114.5
160 41.0 33.7 50.5

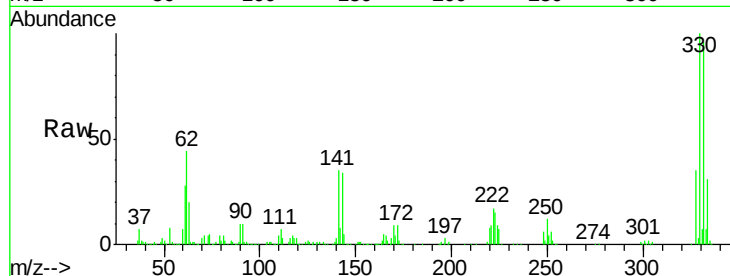




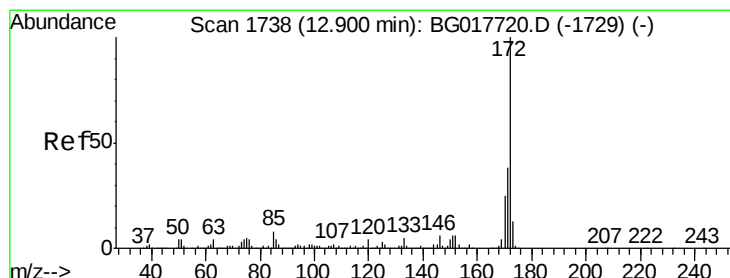
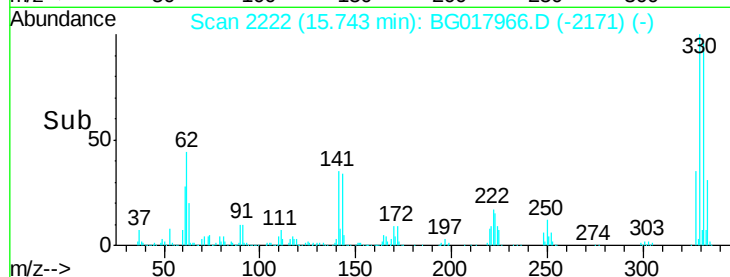
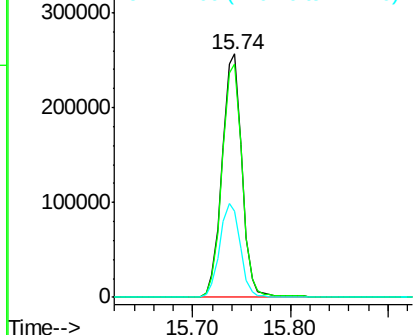
#41
 2,4,6-Tribromophenol
 Concen: 144.54 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG017966.D
 Acq: 19 Jul 2015 20:34

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-1(0-2)

Tgt Ion:330 Resp: 364323
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 39.6 38.0 57.0

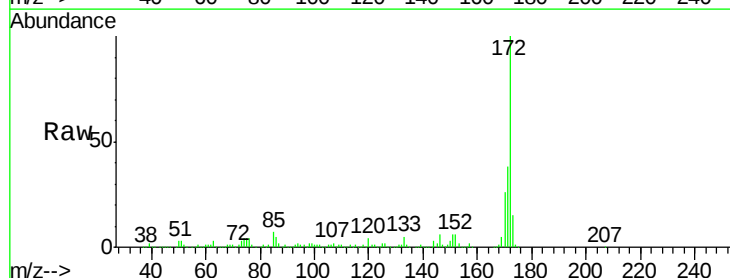


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

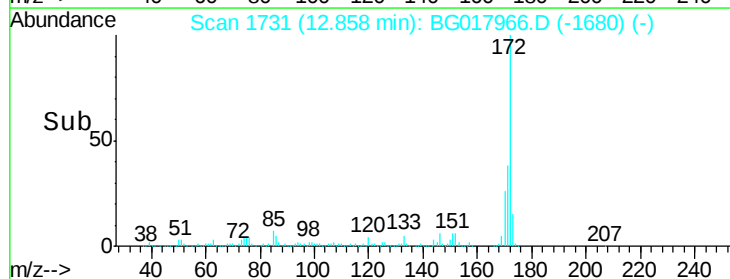
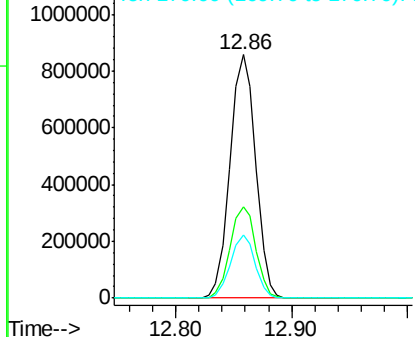


#44
 2-Fluorobiphenyl
 Concen: 91.61 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017966.D
 Acq: 19 Jul 2015 20:34

Tgt Ion:172 Resp: 1315167
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.7 46.1
 170 25.7 19.7 29.5



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





#49

Dimethylphthalate

Concen: 21.34 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017966.D

Acq: 19 Jul 2015 20:34

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-1(0-2)

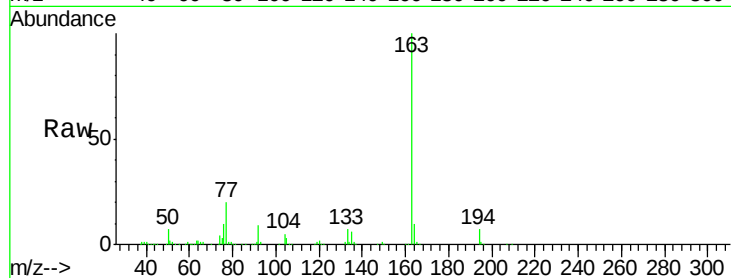
Tgt Ion:163 Resp: 368798

Ion Ratio Lower Upper

163 100

194 7.1 5.8 8.6

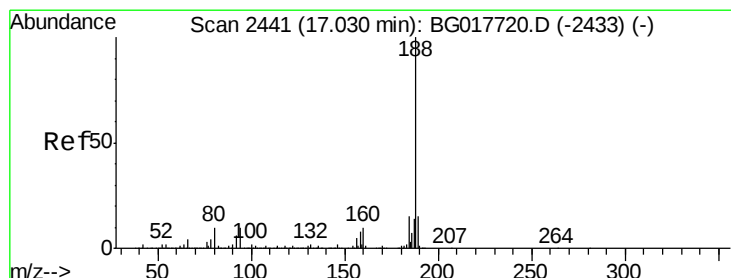
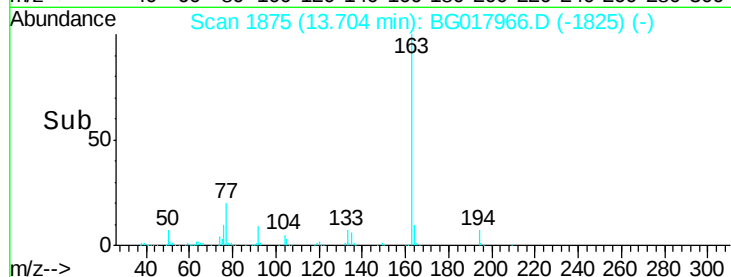
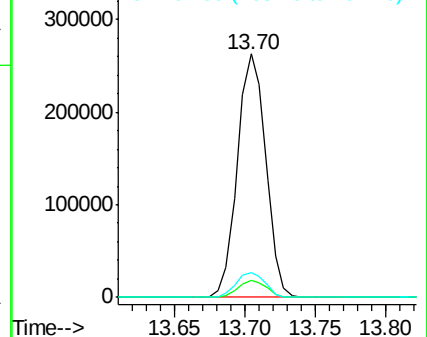
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017966.D

Acq: 19 Jul 2015 20:34

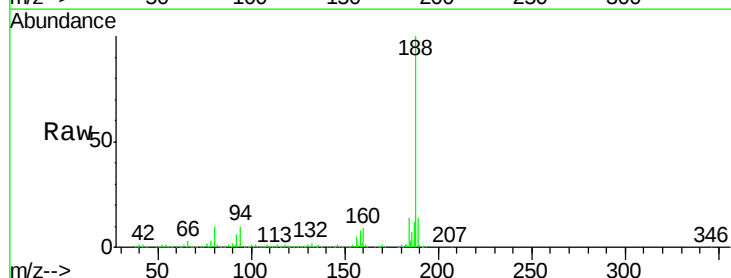
Tgt Ion:188 Resp: 518736

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

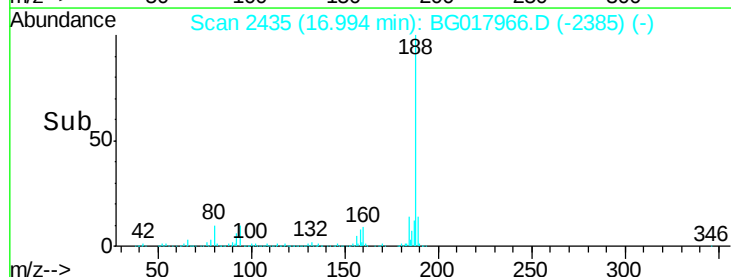
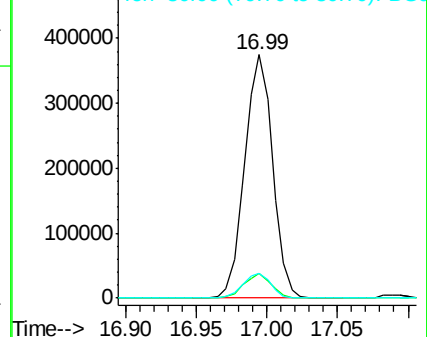
80 9.9 8.2 12.4

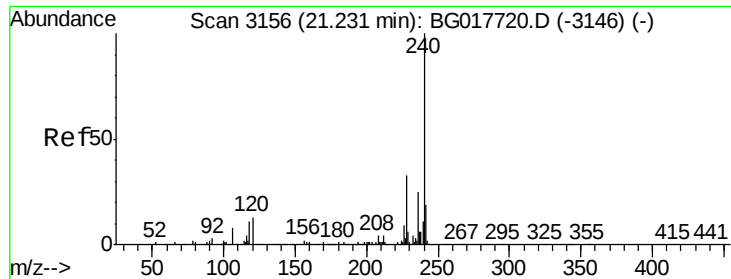


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

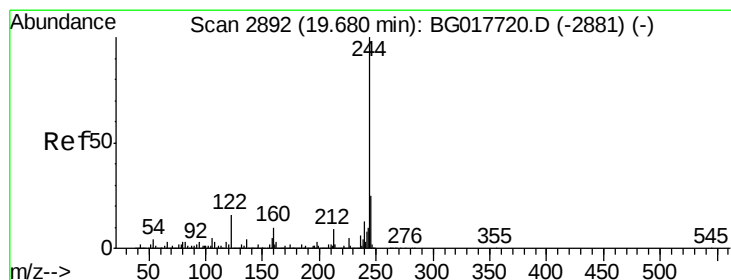
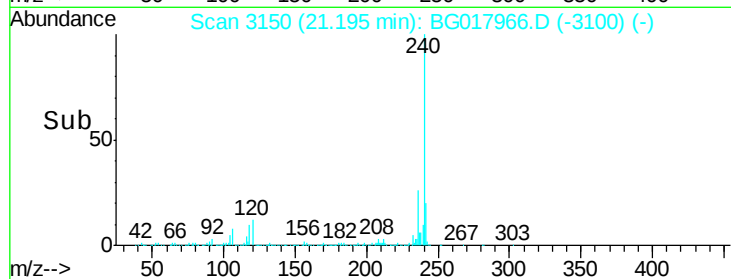
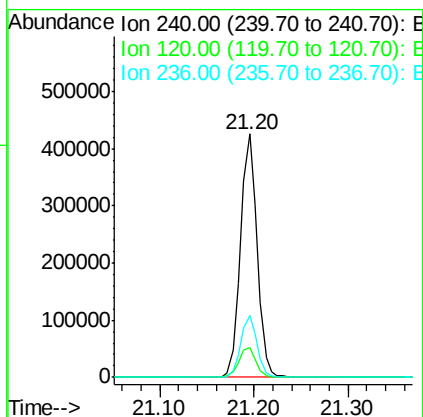
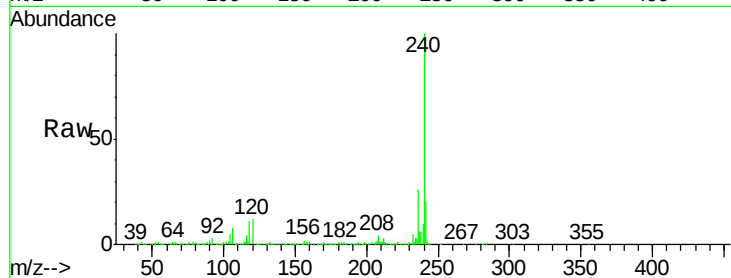




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017966.D
Acq: 19 Jul 2015 20:34

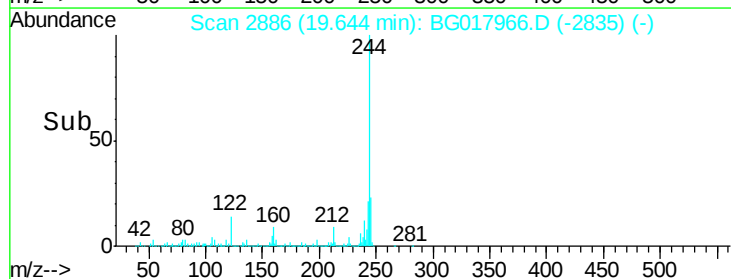
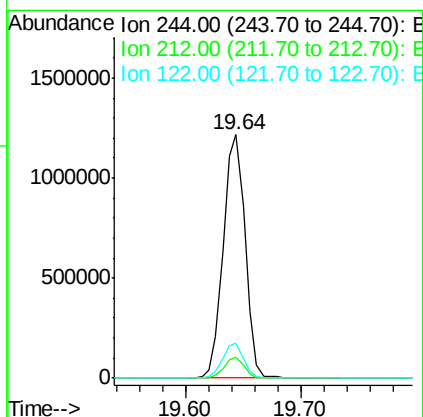
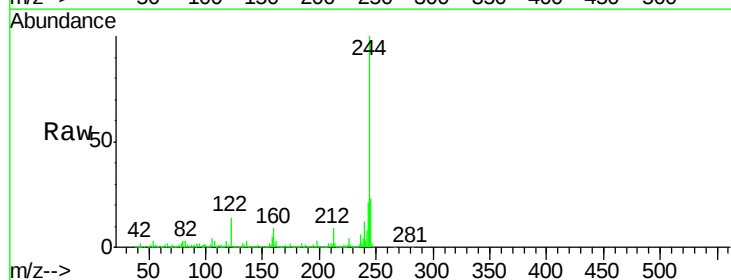
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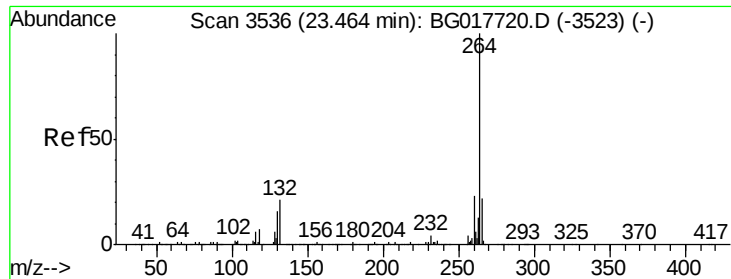
Tgt Ion:240 Resp: 523123
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 25.6 20.0 30.0



#78
Terphenyl-d14
Concen: 76.90 ng
RT: 19.64 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG017966.D
Acq: 19 Jul 2015 20:34

Tgt Ion:244 Resp: 1596931
Ion Ratio Lower Upper
244 100
212 8.6 7.2 10.8
122 14.2 12.8 19.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG017966.D
Acq: 19 Jul 2015 20:34

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE-FAIL-1(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	22.9	18.2	27.2

