

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022641.D
 Acq On : 27 Jun 2016 13:42
 Operator : UM/SJ
 Sample : H3701-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2C

Quant Time: Jun 27 15:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

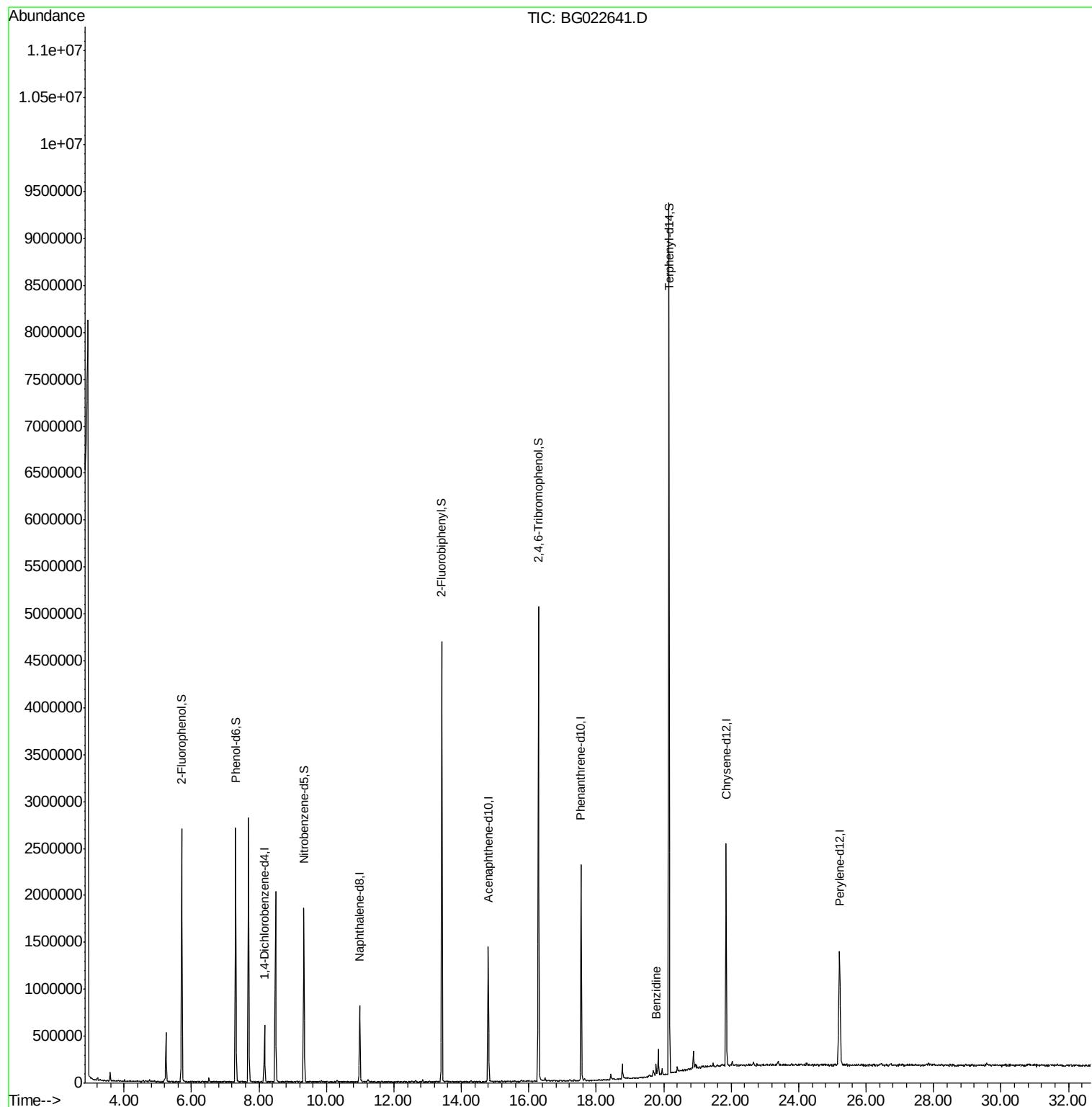
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	160121	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	664773	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	491951	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1288717	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1481802	20.00	ng	0.00
86) Perylene-d12	25.21	264	1510827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1064242	106.61	ng	0.00
7) Phenol-d6	7.31	99	1487275	105.70	ng	0.00
23) Nitrobenzene-d5	9.33	82	1173200	74.69	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	954510	123.36	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2211045	71.28	ng	0.00
78) Terphenyl-d14	20.15	244	3347590	59.85	ng	0.00
Target Compounds						
76) Benzidine	19.78	184	73577	4.66	ng	Qvalue 97

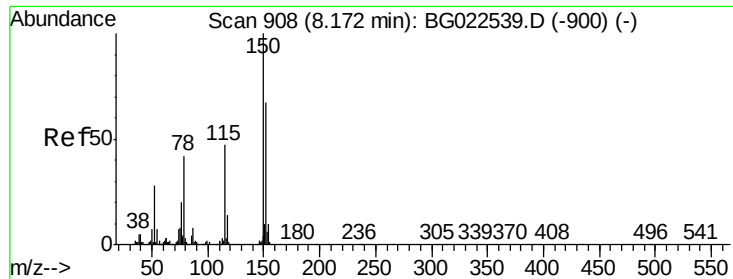
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022641.D

Acq: 27 Jun 2016 13:42

Instrument :

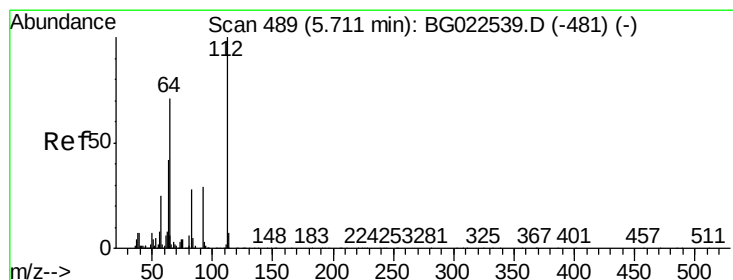
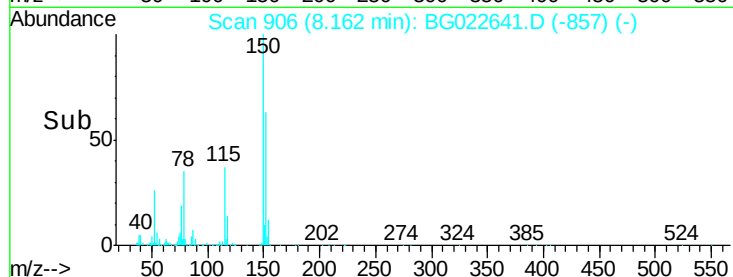
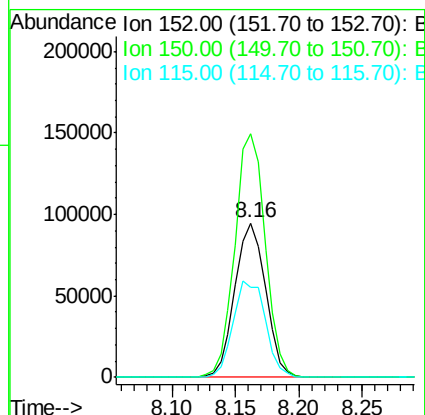
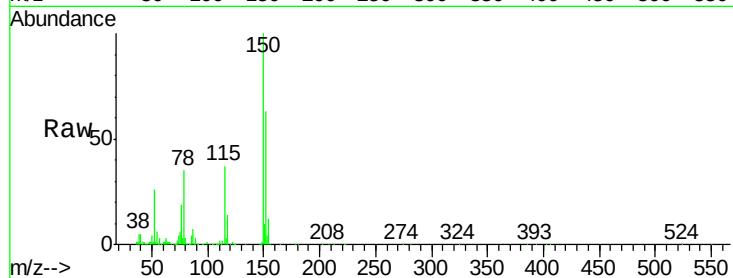
BNA_G

ClientSampleId :

TEC-COMP-B2C

Tgt Ion:152 Resp: 160121

Ion	Ratio	Lower	Upper
152	100		
150	157.9	144.7	217.1
115	58.2	64.0	96.0



#5

2-Fluorophenol

Concen: 106.61 ng

RT: 5.71 min Scan# 488

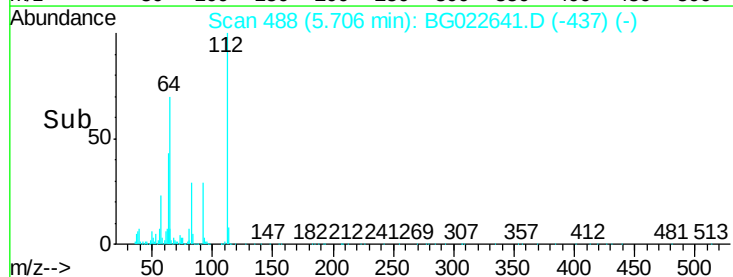
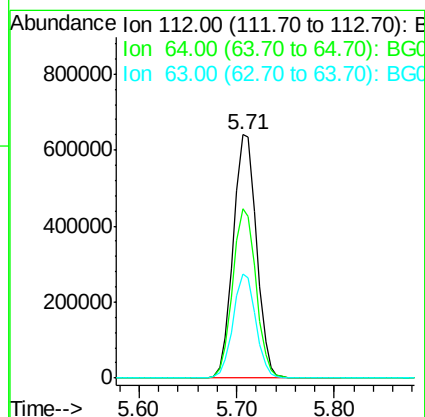
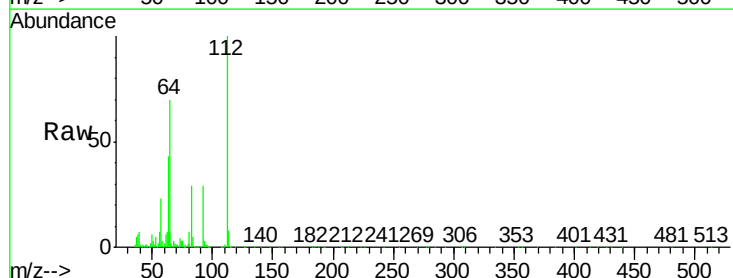
Delta R.T. 0.00 min

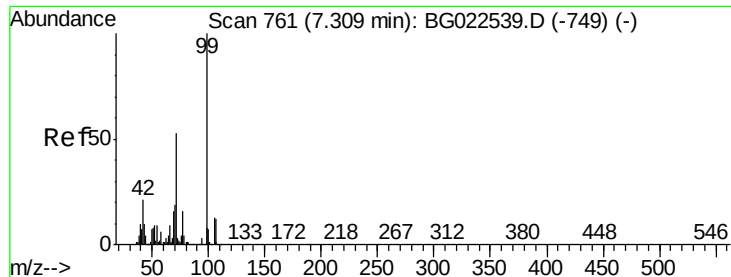
Lab File: BG022641.D

Acq: 27 Jun 2016 13:42

Tgt Ion:112 Resp: 1064242

Ion	Ratio	Lower	Upper
112	100		
64	69.7	59.0	88.4
63	42.8	37.8	56.8





#7

Phenol-d6

Concen: 105.70 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022641.D

Acq: 27 Jun 2016 13:42

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2C

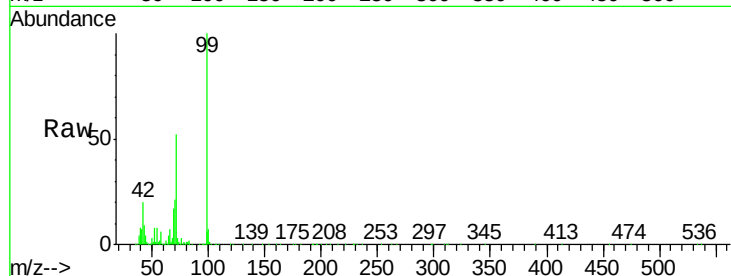
Tgt Ion: 99 Resp: 1487275

Ion Ratio Lower Upper

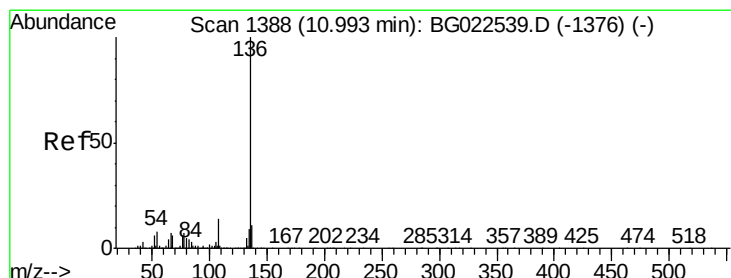
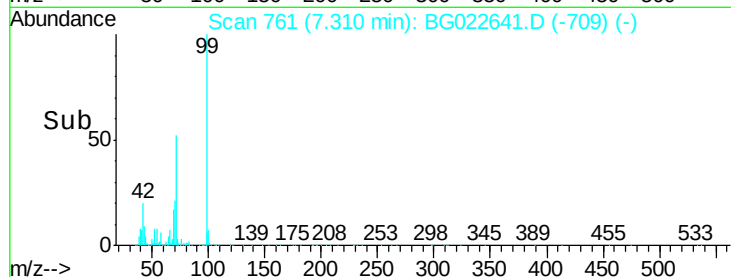
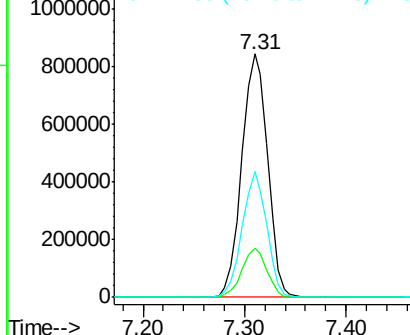
99 100

42 20.4 17.8 26.6

71 51.7 41.5 62.3



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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022641.D

Acq: 27 Jun 2016 13:42

Tgt Ion: 136 Resp: 664773

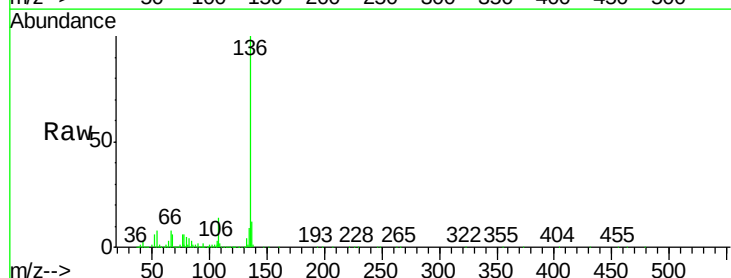
Ion Ratio Lower Upper

136 100

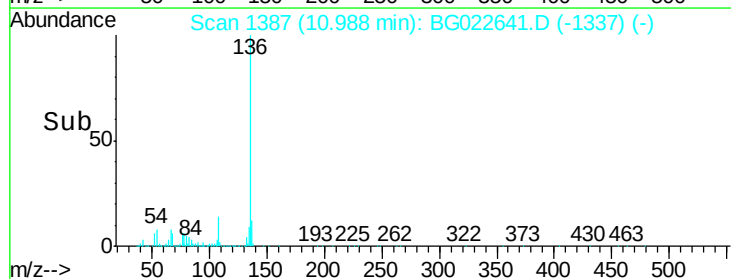
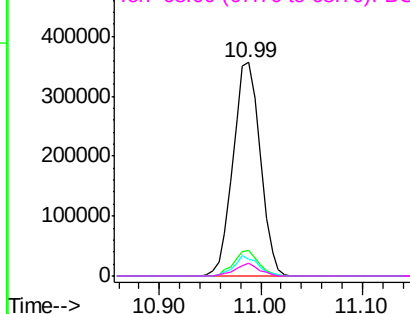
137 11.7 9.6 14.4

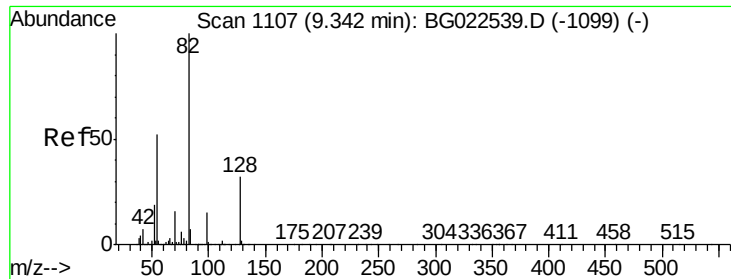
54 7.9 7.3 10.9

68 5.8 5.3 7.9



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

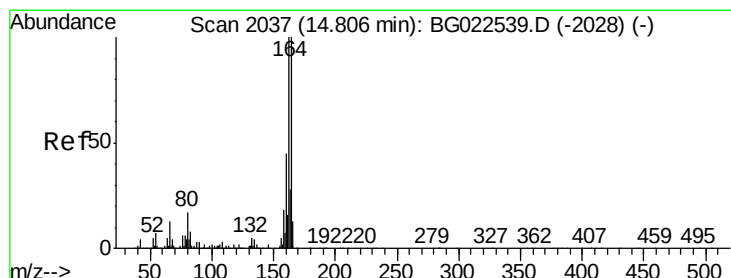
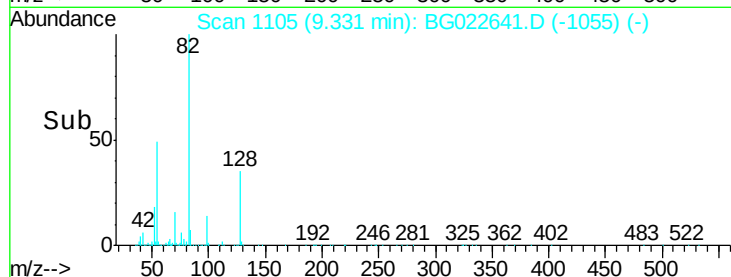
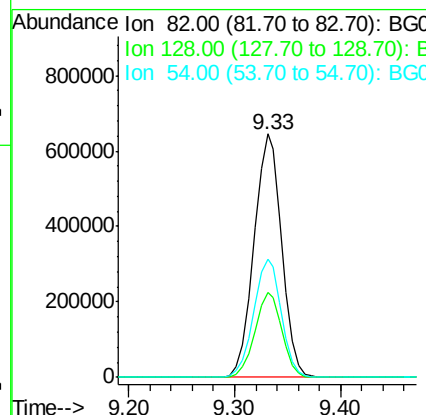
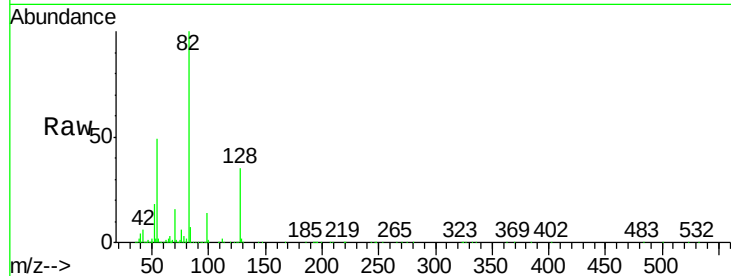




#23
 Nitrobenzene-d5
 Concen: 74.69 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022641.D
 Acq: 27 Jun 2016 13:42

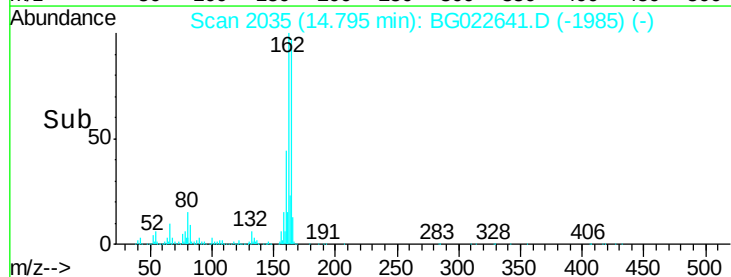
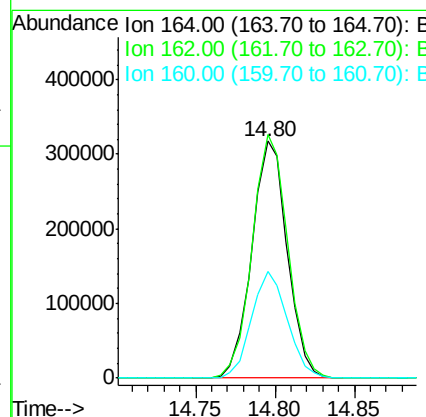
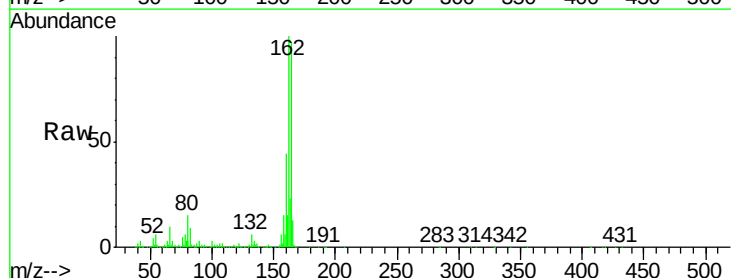
Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2C

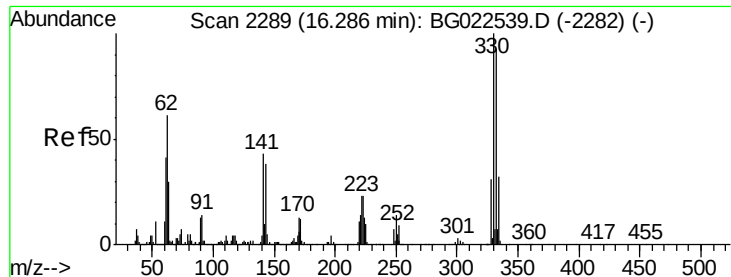
Tgt Ion: 82 Resp: 1173200
 Ion Ratio Lower Upper
 82 100
 128 34.8 24.4 36.6
 54 48.7 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG022641.D
 Acq: 27 Jun 2016 13:42

Tgt Ion: 164 Resp: 491951
 Ion Ratio Lower Upper
 164 100
 162 102.7 87.7 131.5
 160 44.7 37.2 55.8

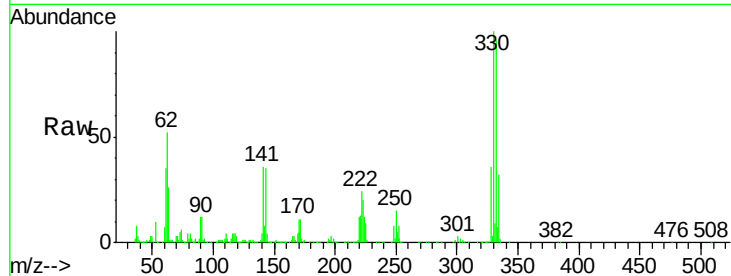




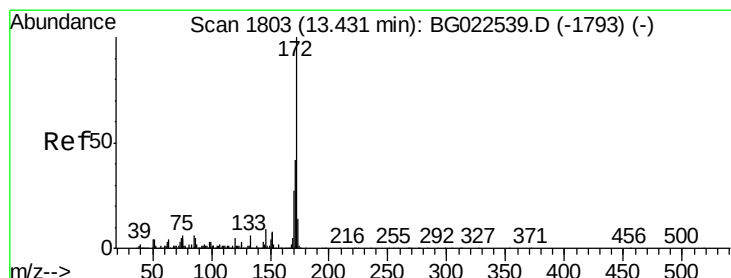
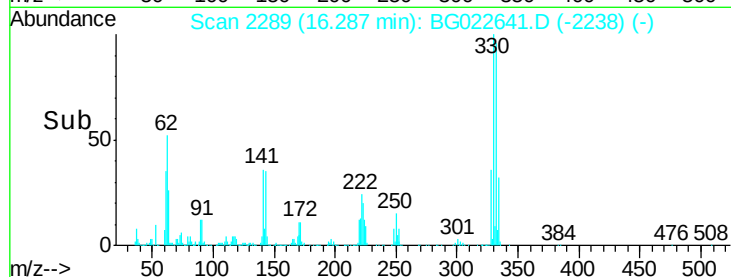
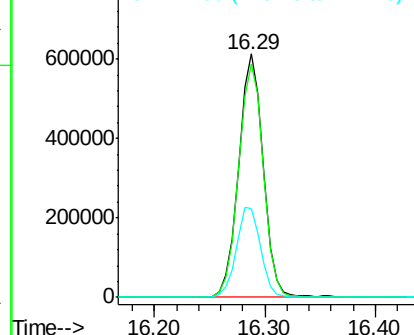
#41
 2,4,6-Tribromophenol
 Concen: 123.36 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022641.D
 Acq: 27 Jun 2016 13:42

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2C

Tgt Ion:330 Resp: 954510
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 36.9 31.7 47.5

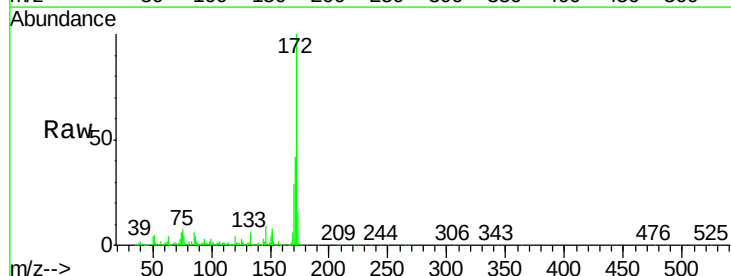


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

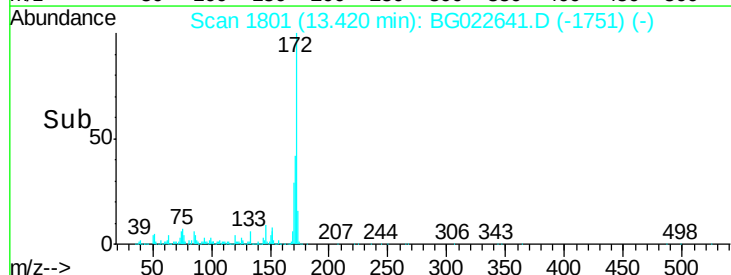
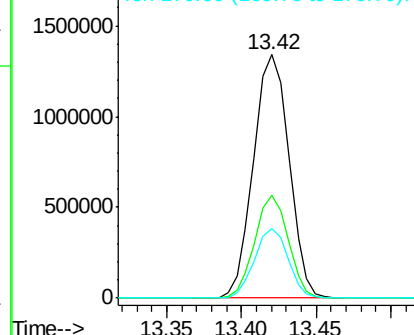


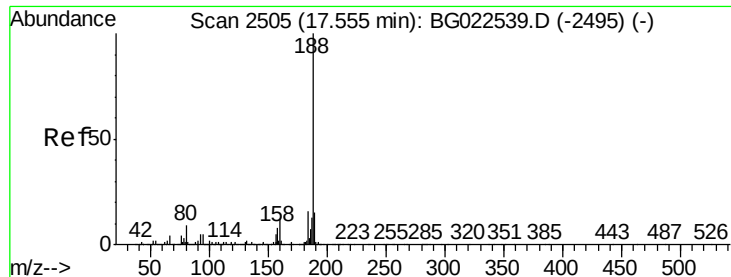
#44
 2-Fluorobiphenyl
 Concen: 71.28 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022641.D
 Acq: 27 Jun 2016 13:42

Tgt Ion:172 Resp: 2211045
 Ion Ratio Lower Upper
 172 100
 171 42.2 31.6 47.4
 170 28.7 21.3 31.9



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

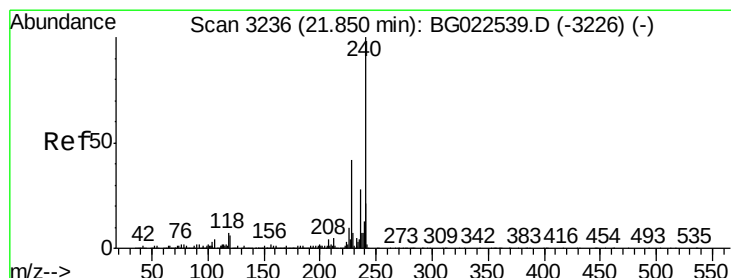
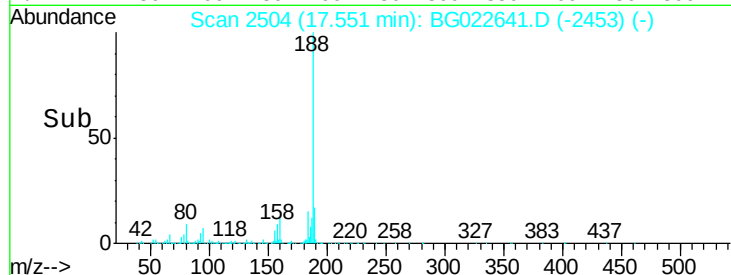
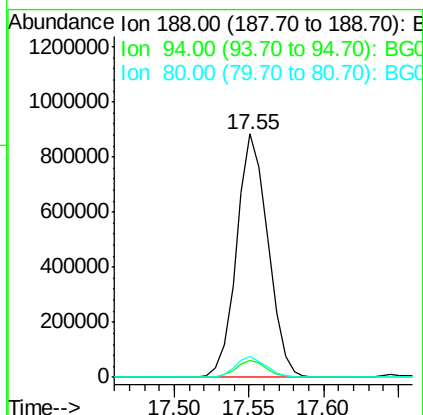
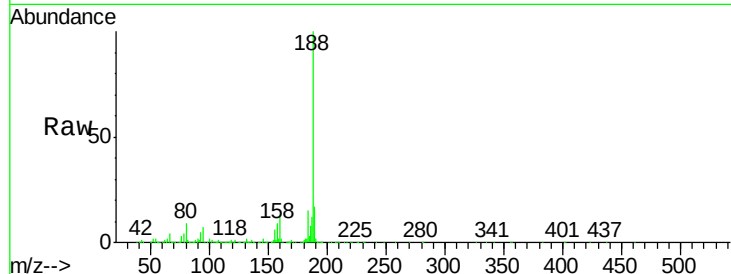




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022641.D
Acq: 27 Jun 2016 13:42

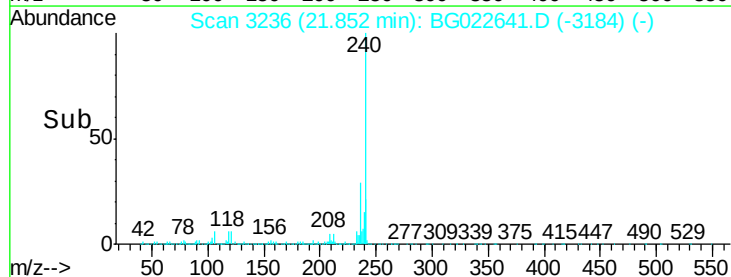
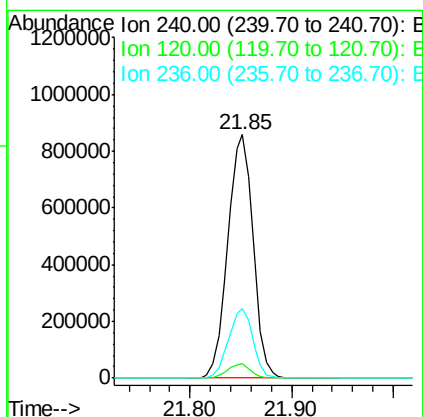
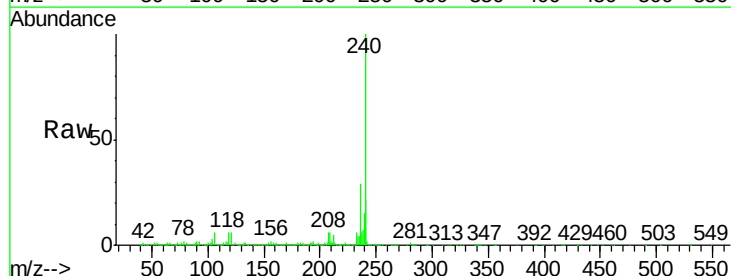
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2C

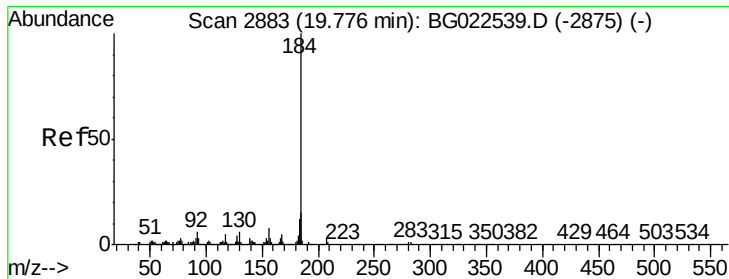
Tgt Ion:188 Resp: 1288717
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 8.7 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022641.D
Acq: 27 Jun 2016 13:42

Tgt Ion:240 Resp: 1481802
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 28.6 21.1 31.7





#76

Benzidine

Concen: 4.66 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022641.D

Acq: 27 Jun 2016 13:42

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2C

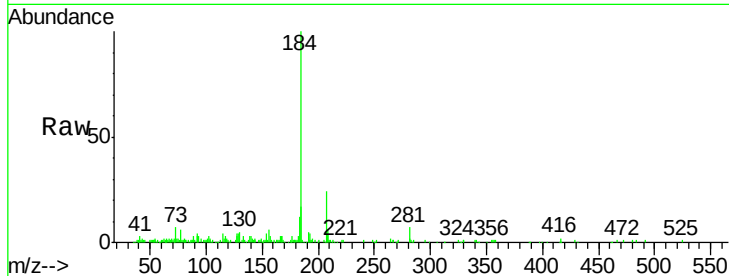
Tgt Ion:184 Resp: 73577

Ion Ratio Lower Upper

184 100

185 16.7 12.6 19.0

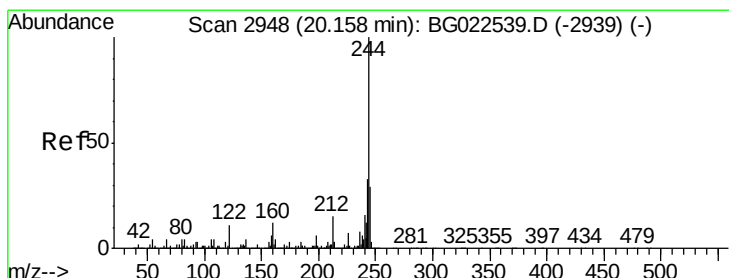
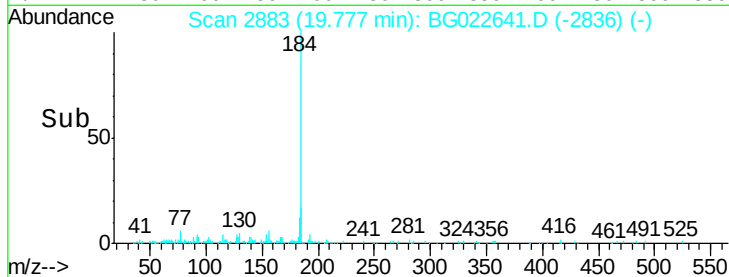
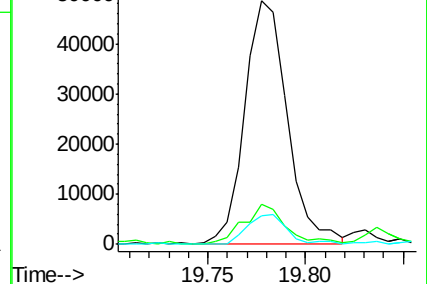
183 11.6 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 59.85 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022641.D

Acq: 27 Jun 2016 13:42

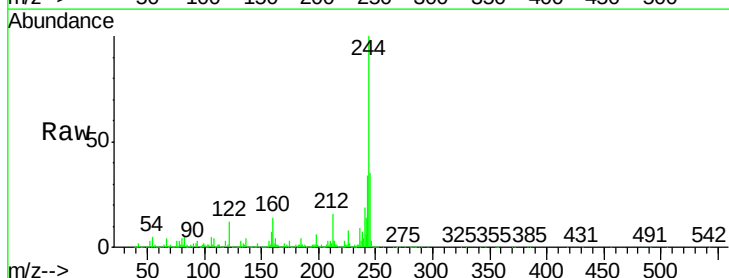
Tgt Ion:244 Resp: 3347590

Ion Ratio Lower Upper

244 100

212 15.6 10.8 16.2

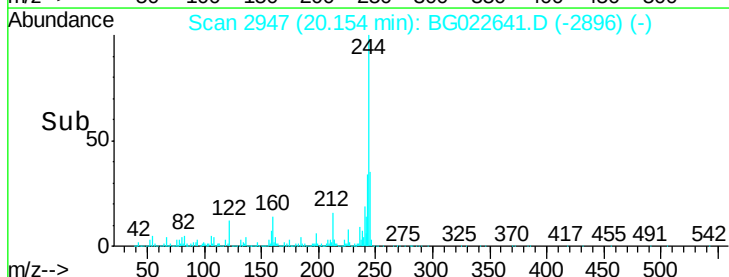
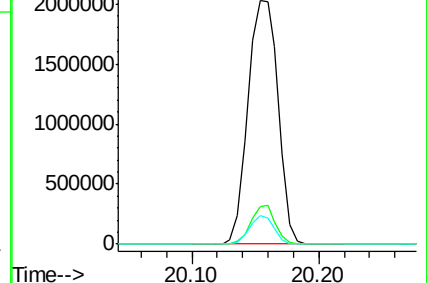
122 11.8 8.0 12.0

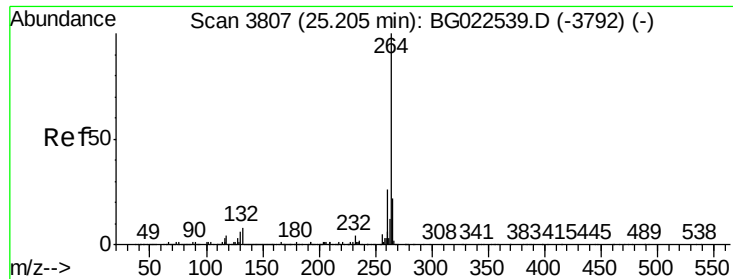


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022641.D
Acq: 27 Jun 2016 13:42

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2C

Tgt Ion:264 Resp: 1510827

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.4	27.6
265	21.7	18.9	28.3

