

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022705.D
 Acq On : 29 Jun 2016 22:39
 Operator : UM/SJ
 Sample : H3828-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0581

Quant Time: Jun 30 04:51:59 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	112283	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	480608	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	396483	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1087035	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1227710	20.00	ng	0.00
86) Perylene-d12	25.19	264	1239421	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	449250	64.17	ng	0.00
7) Phenol-d6	7.30	99	427404	43.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	962244	84.74	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	887687	142.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2094035	83.76	ng	0.00
78) Terphenyl-d14	20.16	244	3173724	68.49	ng	0.00

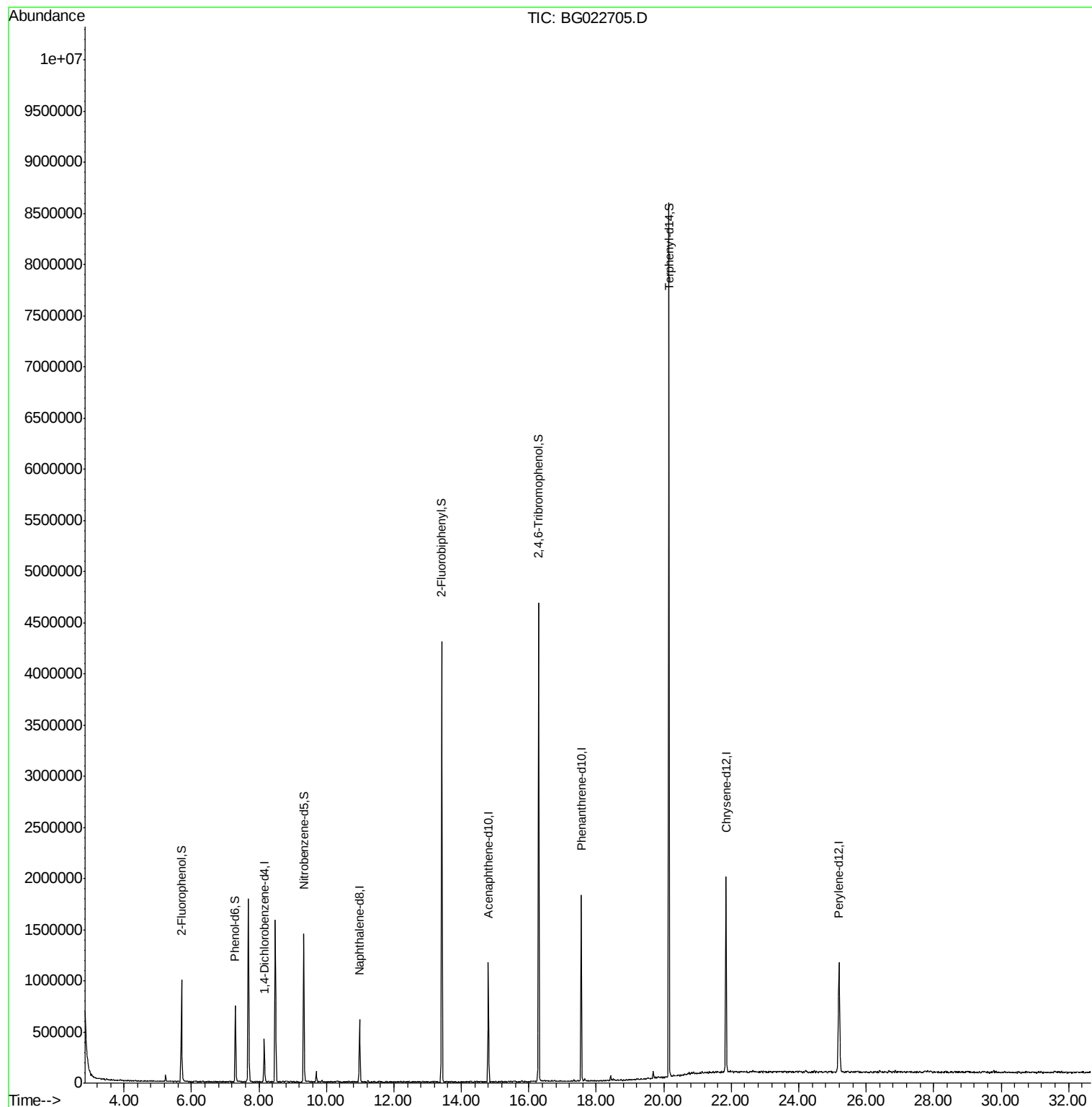
Target Compounds Qvalue

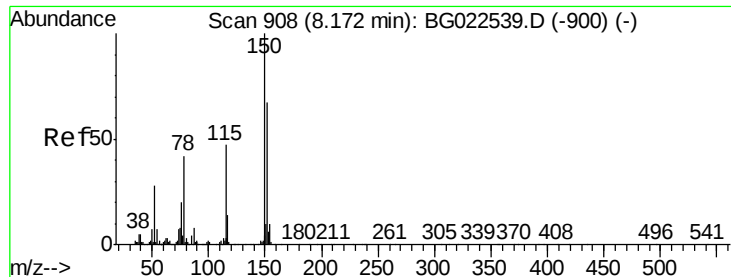
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

Instrument :

BNA_G

ClientSampleId :

S8-0581

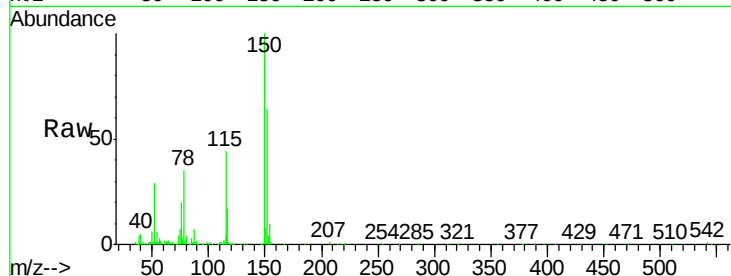
Tot Ion:152 Resp: 112283

Ion Ratio Lower Upper

152 100

150 156.8 144.7 217.1

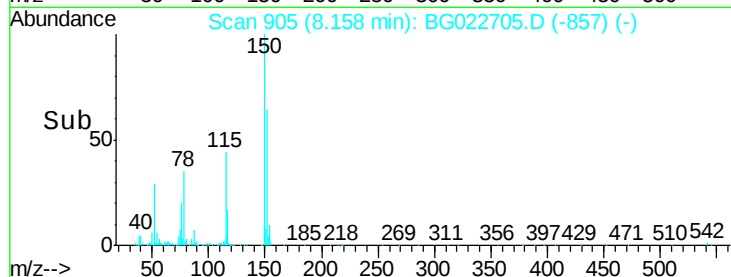
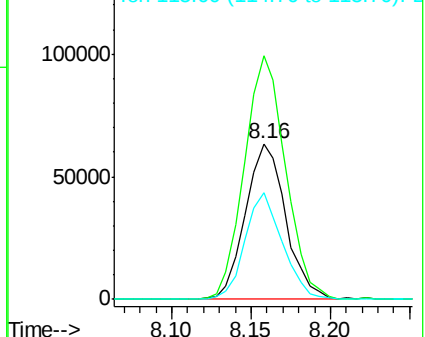
115 69.0 64.0 96.0



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: 64.17 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

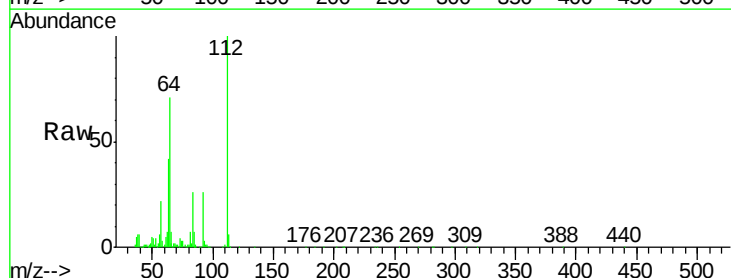
Tgt Ion:112 Resp: 449250

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

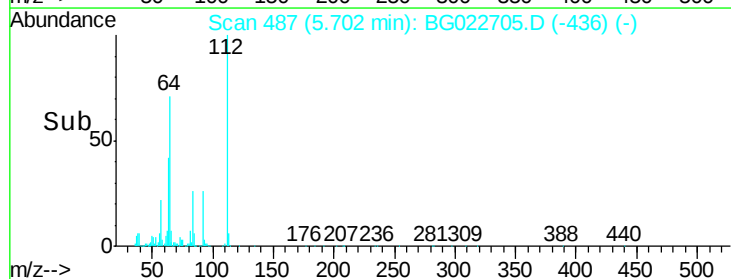
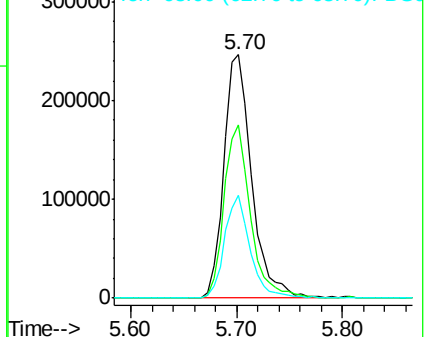
63 42.0 37.8 56.8

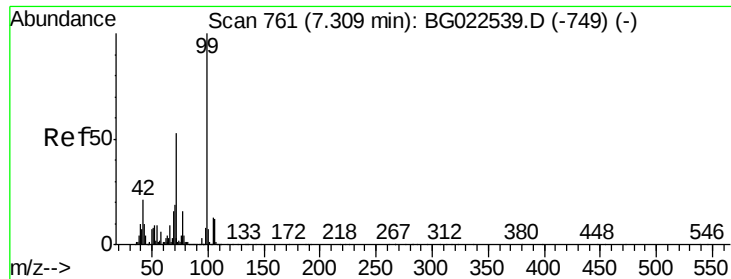


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.31 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

Instrument :

BNA_G

ClientSampleId :

S8-0581

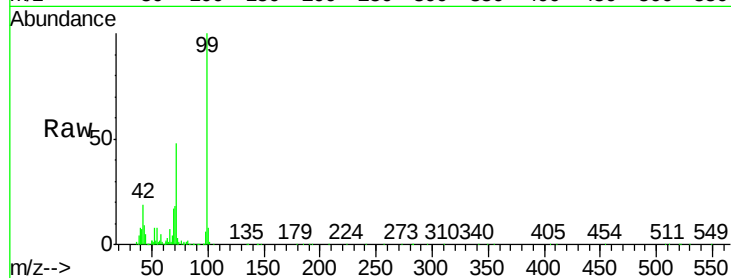
Tot Ion: 99 Resp: 427404

Ion Ratio Lower Upper

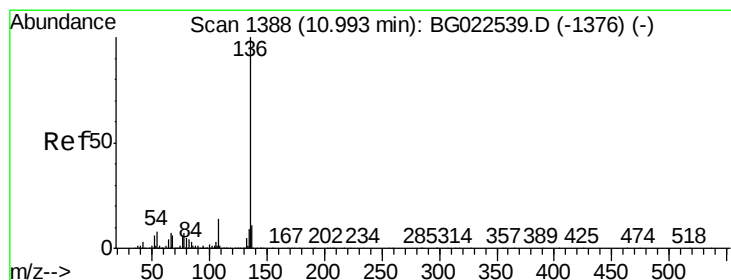
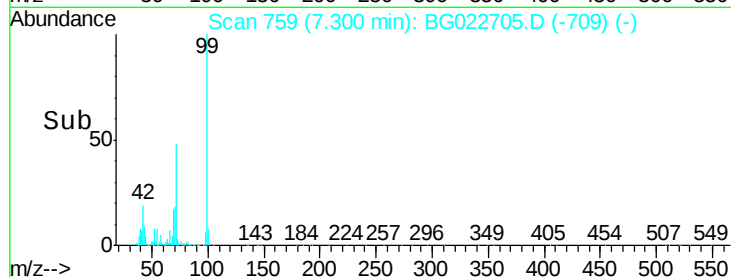
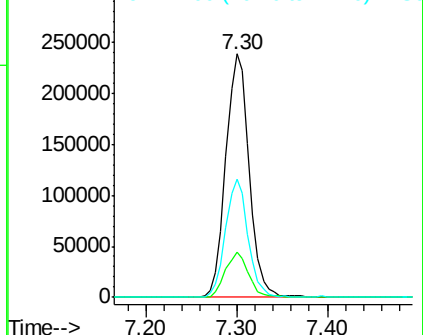
99 100

42 18.8 17.8 26.6

71 48.4 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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

Tgt Ion: 136 Resp: 480608

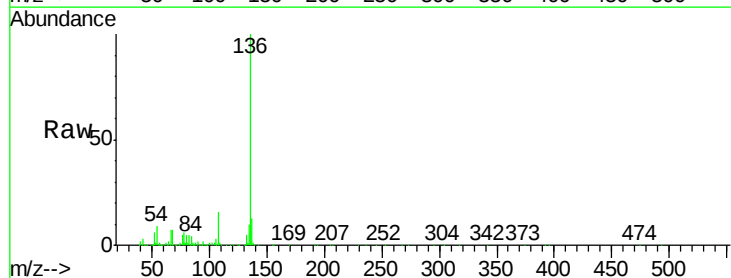
Ion Ratio Lower Upper

136 100

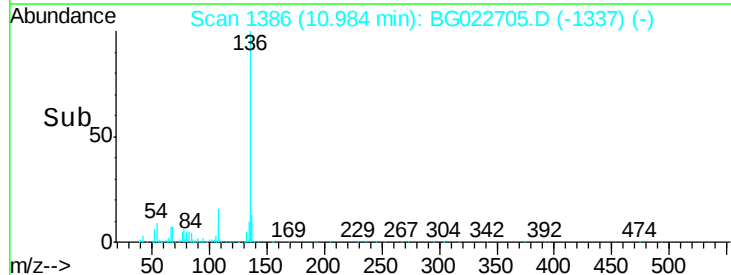
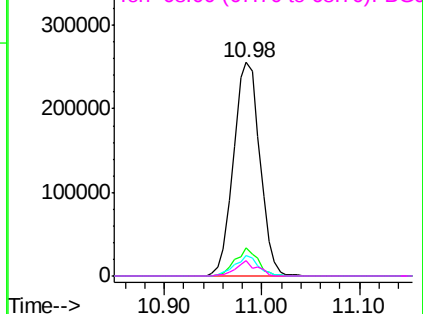
137 13.3 9.6 14.4

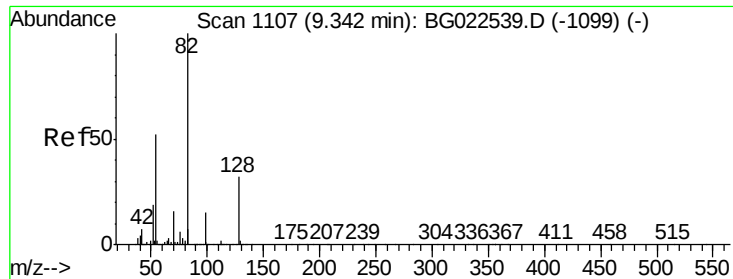
54 9.3 7.3 10.9

68 6.9 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

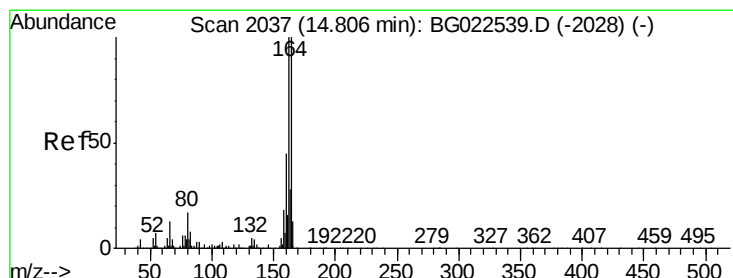
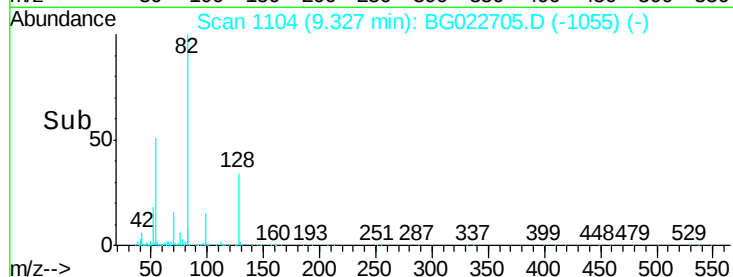
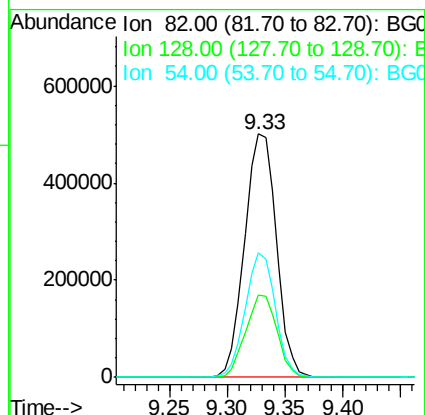
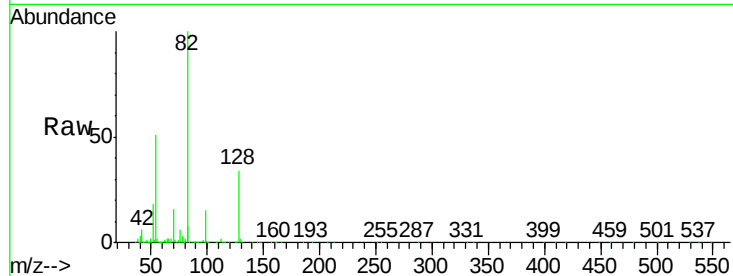




#23
 Nitrobenzene-d5
 Concen: 84.74 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG022705.D
 Acq: 29 Jun 2016 22:39

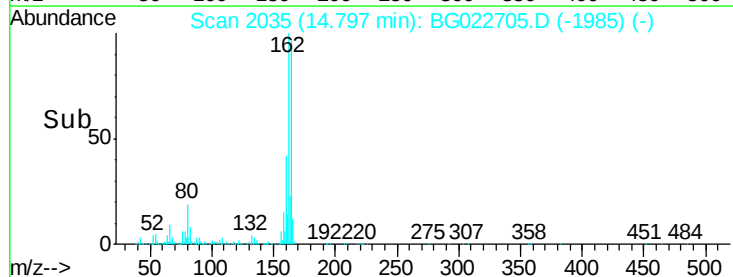
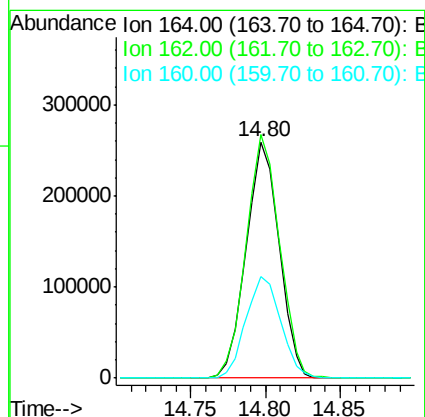
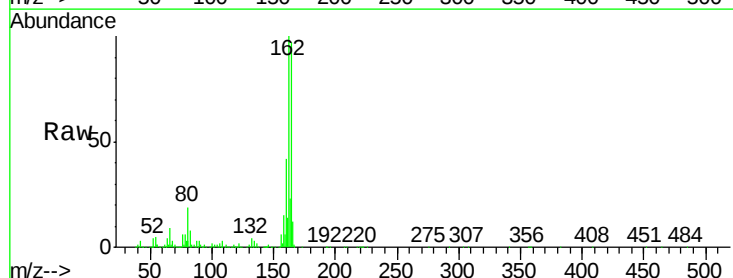
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581

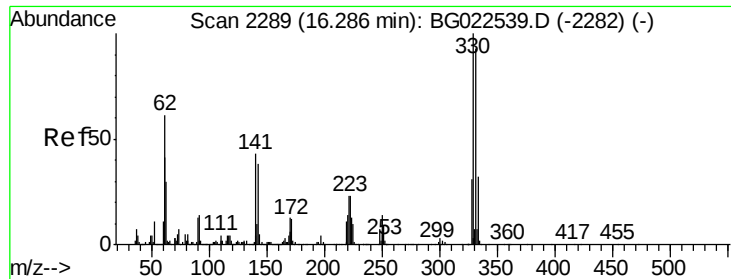
Tot Ion	82	Resp	962244
Ion Ratio	Lower	Upper	
82	100		
128	33.6	24.4	36.6
54	51.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022705.D
 Acq: 29 Jun 2016 22:39

Tgt Ion	164	Resp	396483
Ion Ratio	Lower	Upper	
164	100		
162	103.1	87.7	131.5
160	43.1	37.2	55.8

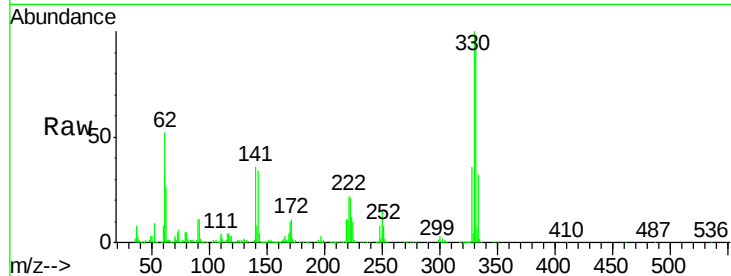




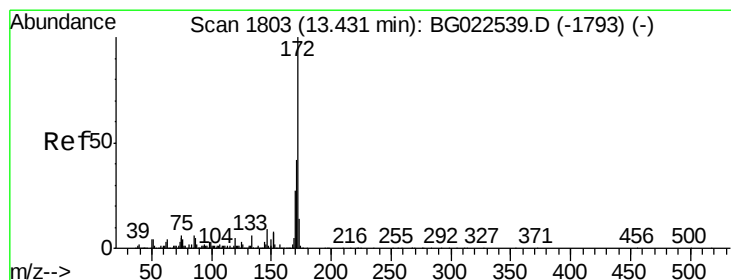
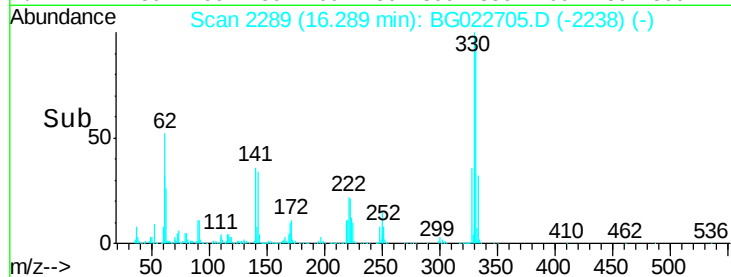
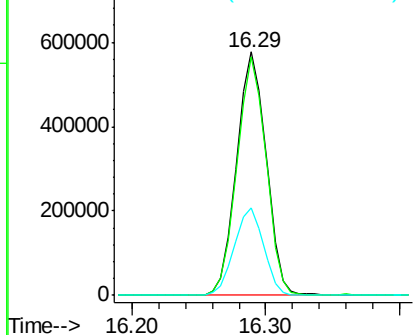
#41
2,4,6-Tribromophenol
Concen: 142.35 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022705.D
Acq: 29 Jun 2016 22:39

Instrument :
BNA_G
ClientSampleId :
S8-0581

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	36.0	31.7	47.5

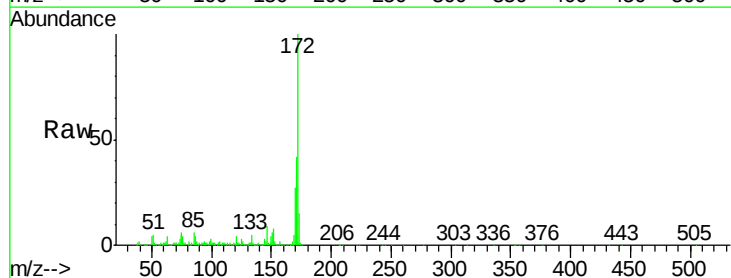


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

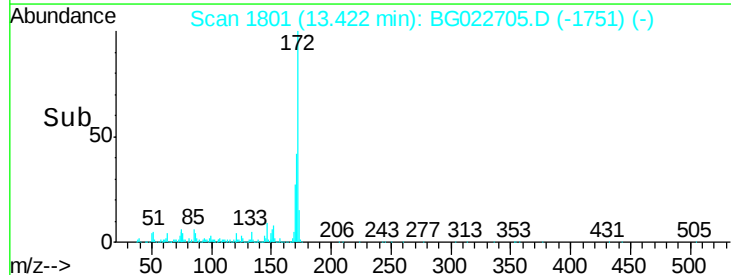
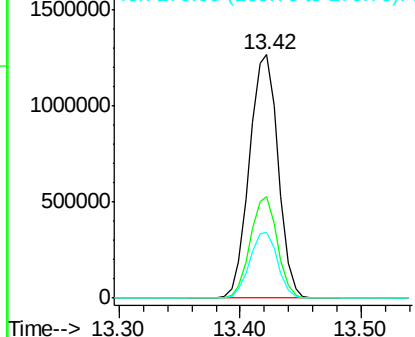


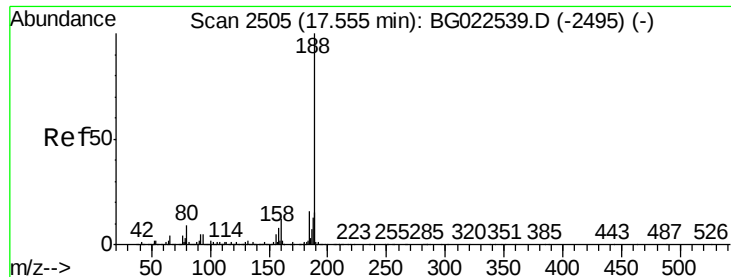
#44
2-Fluorobiphenyl
Concen: 83.76 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022705.D
Acq: 29 Jun 2016 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.8	31.6	47.4
170	26.8	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

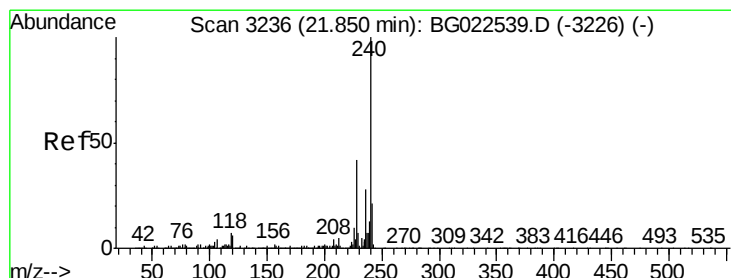
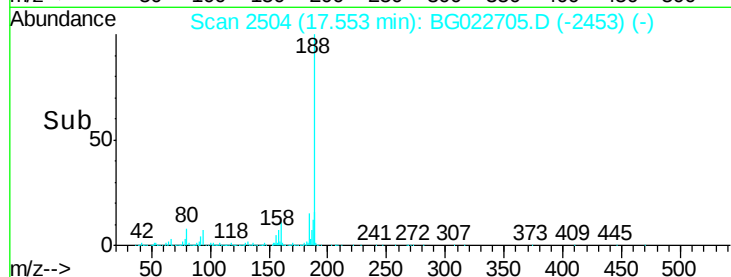
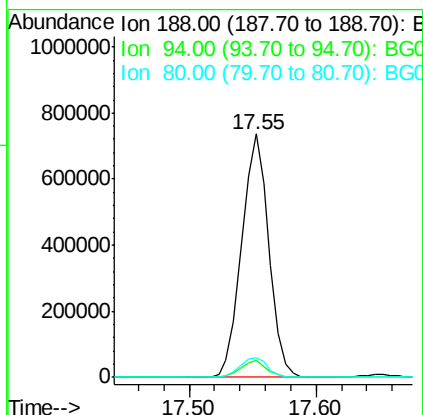
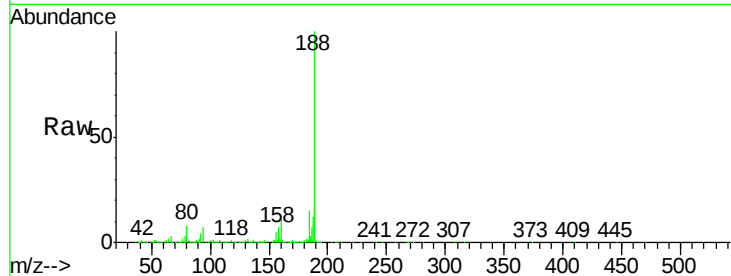




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022705.D
Acq: 29 Jun 2016 22:39

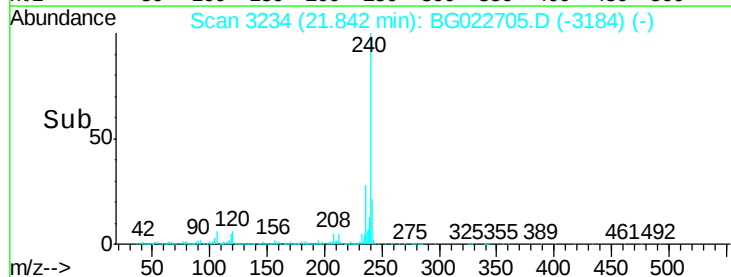
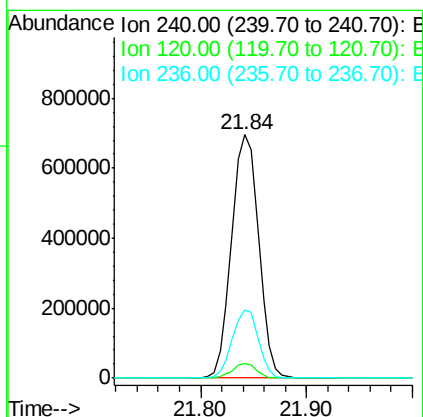
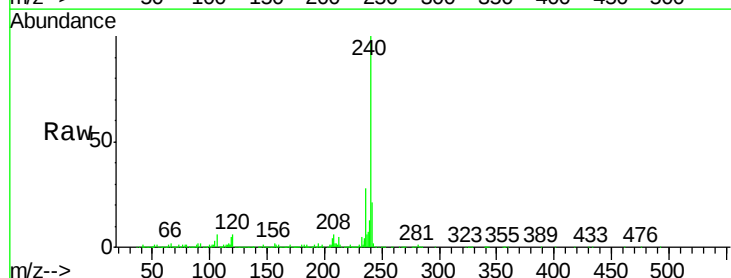
Instrument :
BNA_G
ClientSampleId :
S8-0581

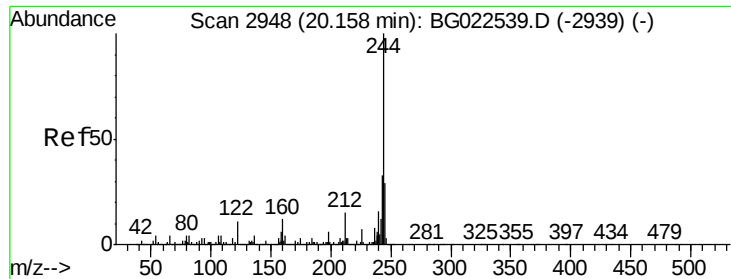
Tot Ion:188 Resp: 1087035
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 7.9 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG022705.D
Acq: 29 Jun 2016 22:39

Tgt Ion:240 Resp: 1227710
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 28.0 21.1 31.7





#78

Terphenyl-d14

Concen: 68.49 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

Instrument :

BNA_G

ClientSampleId :

S8-0581

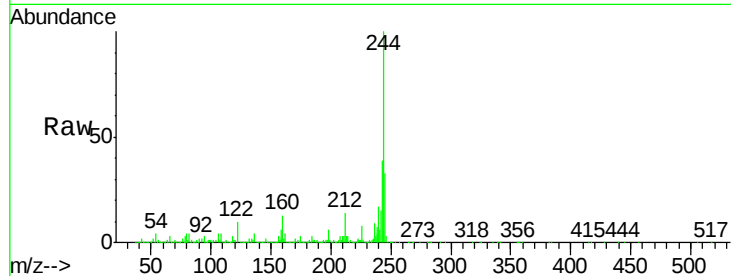
Tot Ion:244 Resp: 3173724

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

122 10.3 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

2500000

2000000

1500000

1000000

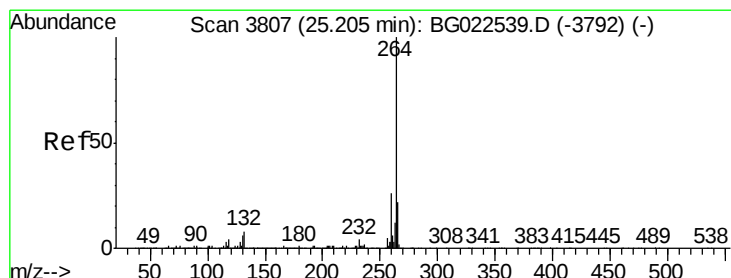
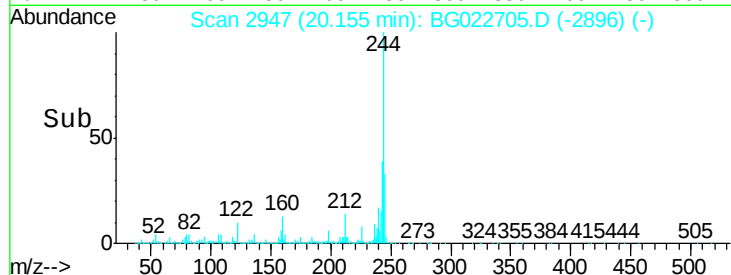
500000

0

20.16

20.10 20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.19 min Scan# 3804

Delta R.T. -0.02 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

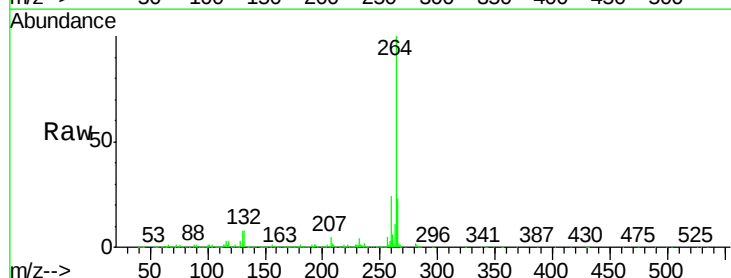
Tgt Ion:264 Resp: 1239421

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.6 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

500000

400000

300000

200000

100000

0

25.19

25.10 25.20 25.30

Time-->

