

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022683.D
 Acq On : 28 Jun 2016 19:46
 Operator : UM/SJ
 Sample : PB91516BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91516BL

Quant Time: Jun 29 04:12:26 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	116224	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	521459	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	386410	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1027616	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1192060	20.00	ng	0.00
86) Perylene-d12	25.20	264	1152791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1055735	145.70	ng	0.00
7) Phenol-d6	7.31	99	1553866	152.14	ng	0.00
23) Nitrobenzene-d5	9.33	82	1069473	86.80	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	891850	146.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2100269	86.20	ng	0.00
78) Terphenyl-d14	20.16	244	3309706	73.56	ng	0.00

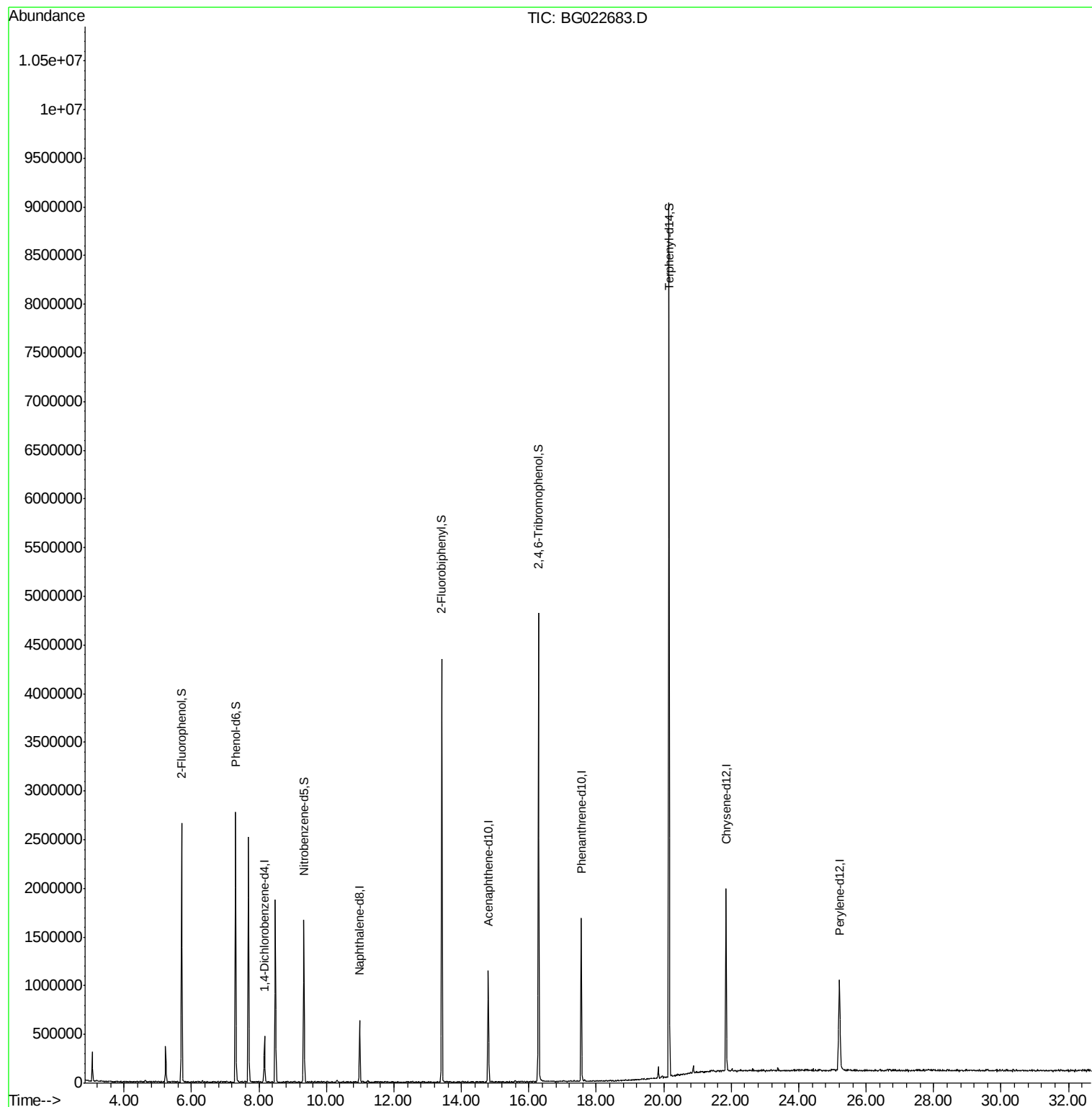
Target Compounds Qvalue

(#) = 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# 906

Delta R.T. -0.01 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

Instrument :

BNA_G

ClientSampleId :

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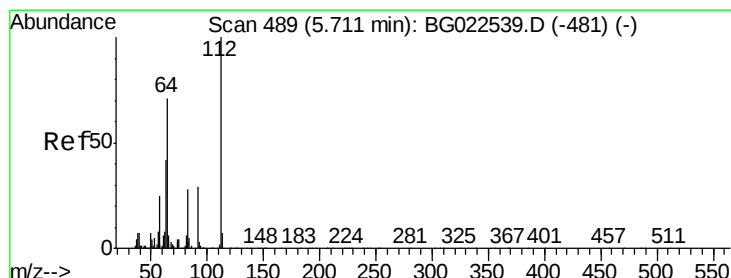
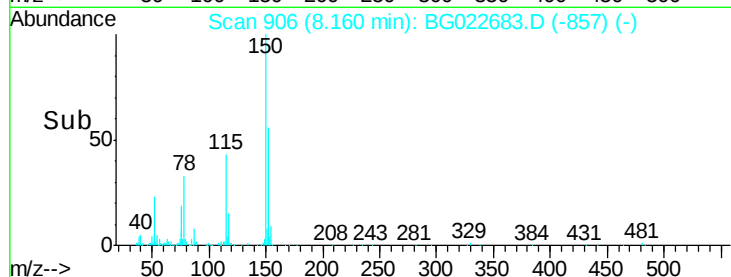
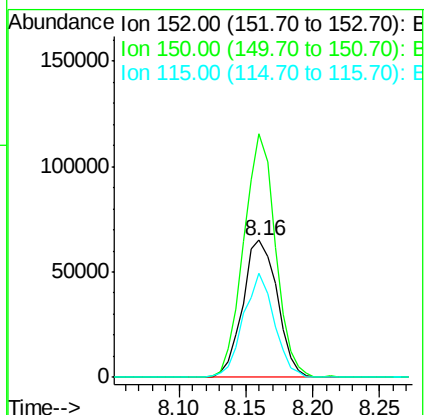
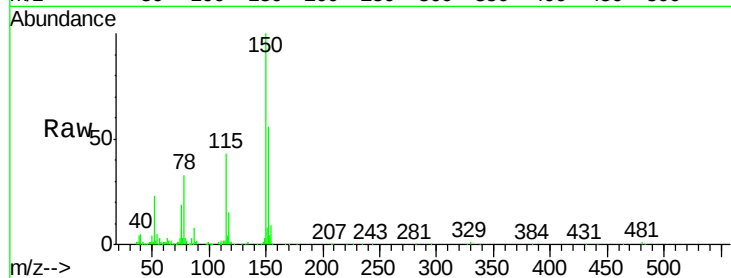
Tot Ion:152 Resp: 116224

Ion Ratio Lower Upper

152 100

150 177.9 144.7 217.1

115 76.5 64.0 96.0



#5

2-Fluorophenol

Concen: 145.70 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

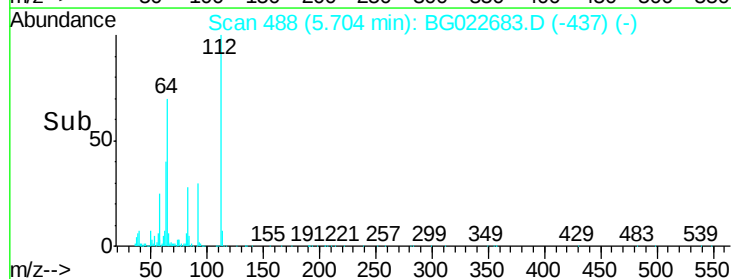
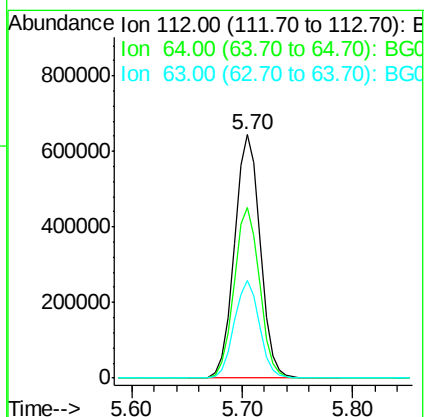
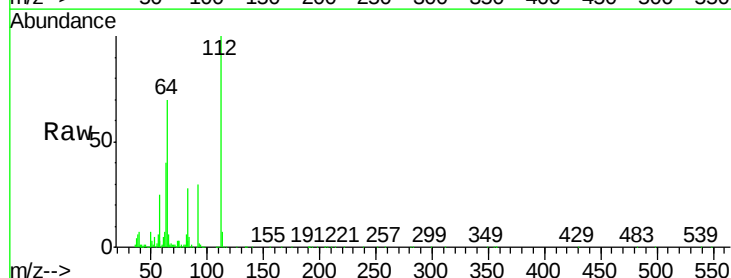
Tgt Ion:112 Resp: 1055735

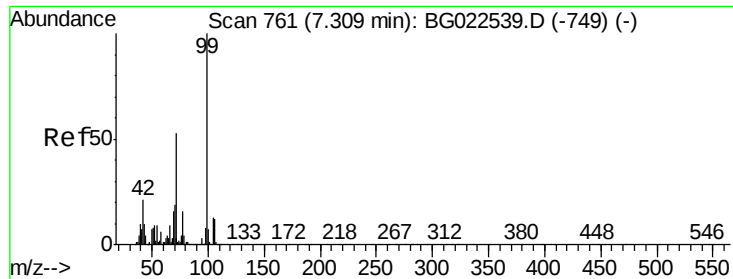
Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

63 40.3 37.8 56.8





#7

Phenol-d6

Concen: 152.14 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

Instrument :

BNA_G

ClientSampleId :

PB91516BL

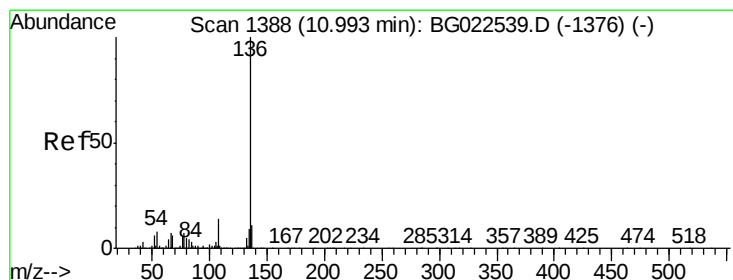
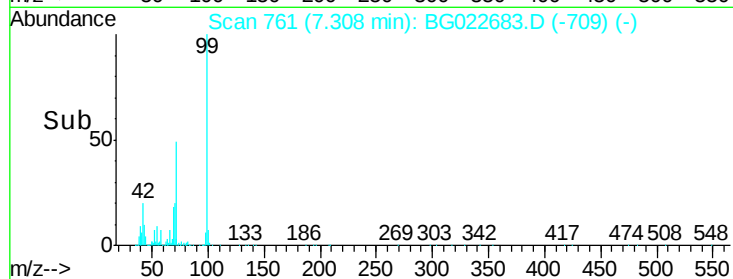
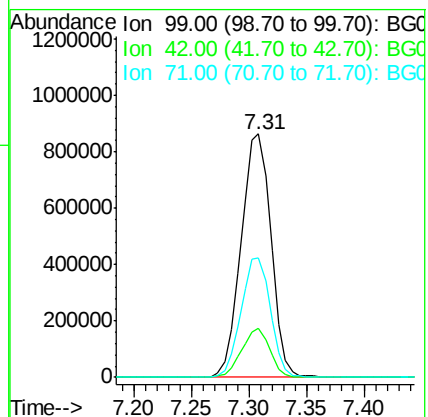
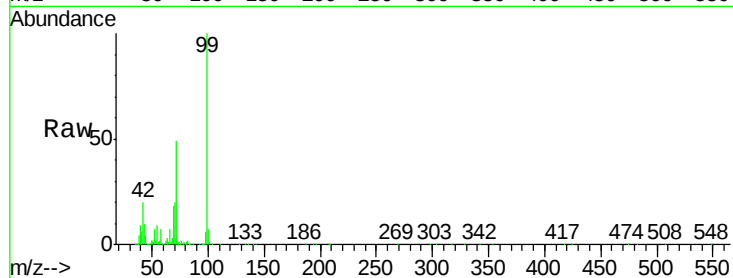
Tot Ion: 99 Resp: 1553866

Ion Ratio Lower Upper

99 100

42 20.1 17.8 26.6

71 49.0 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

Tgt Ion: 136 Resp: 521459

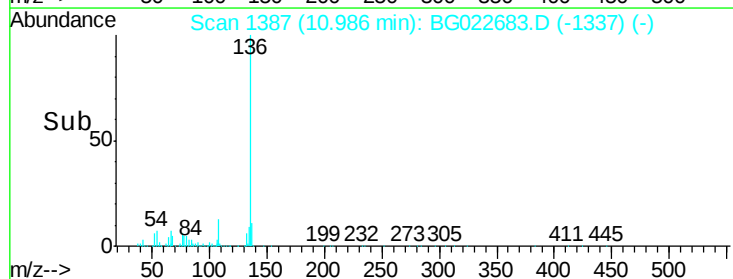
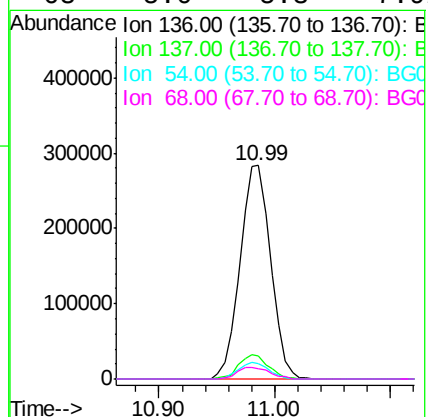
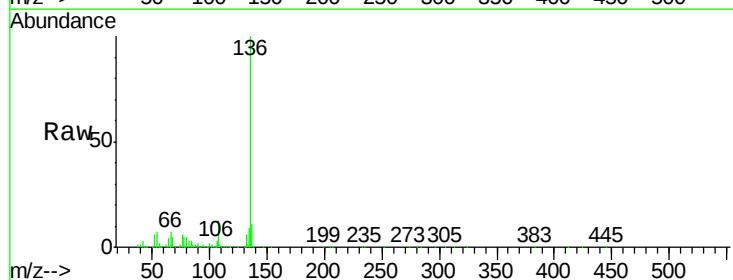
Ion Ratio Lower Upper

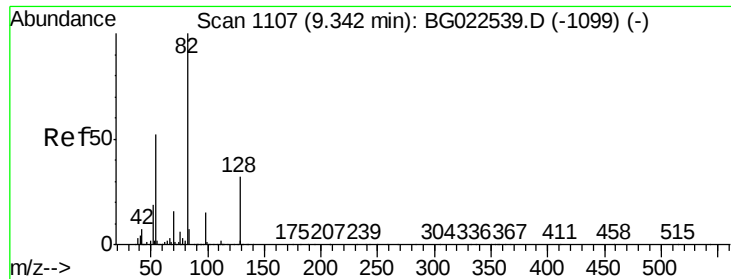
136 100

137 10.7 9.6 14.4

54 7.0 7.3 10.9#

68 5.0 5.3 7.9#

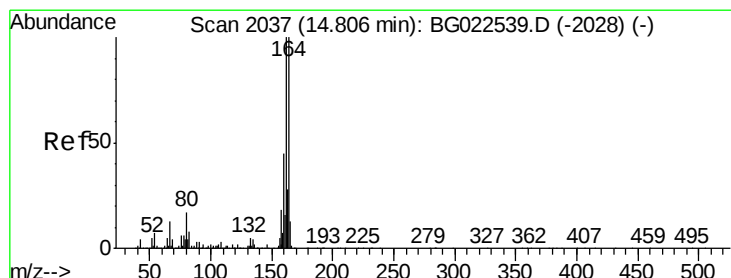
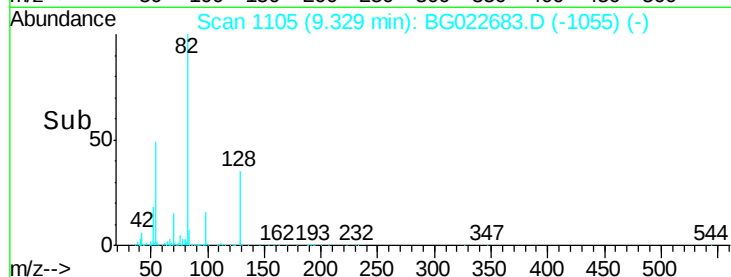
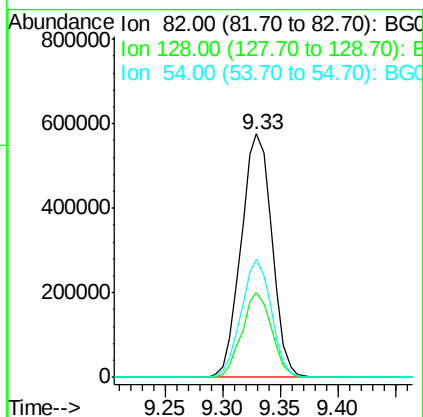
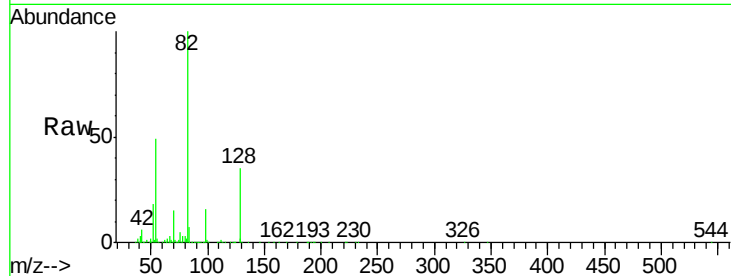




#23
Nitrobenzene-d5
Concen: 86.80 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

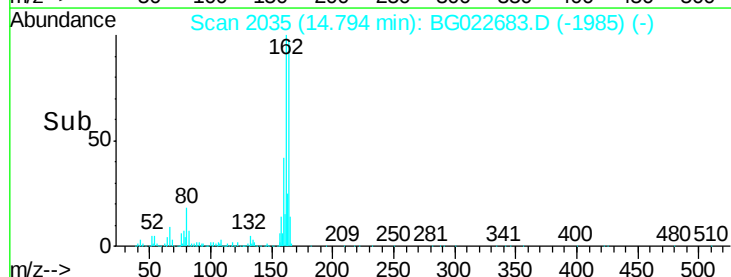
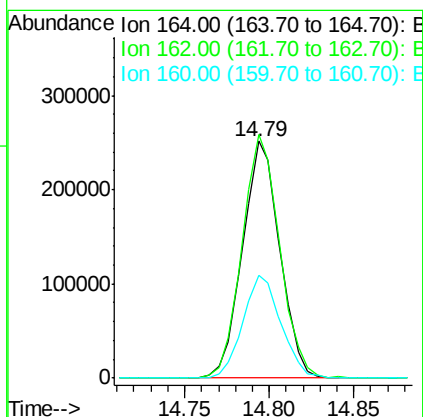
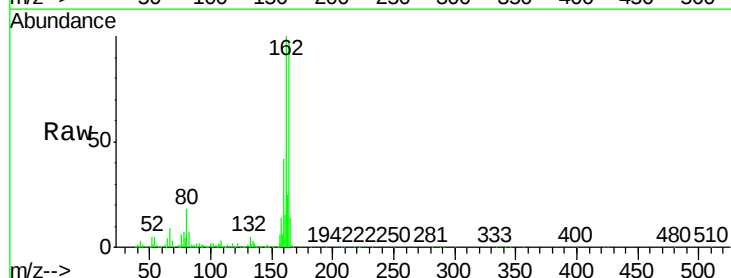
Instrument :
BNA_G
ClientSampleId :
PB91516BL

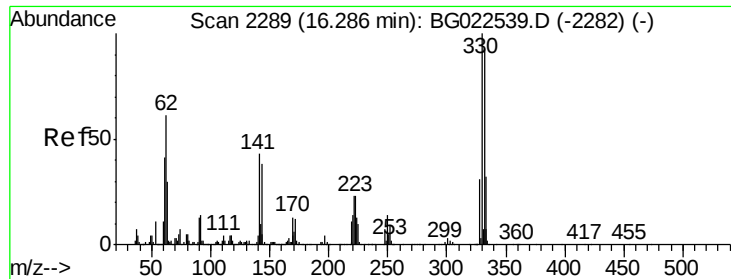
Tot Ion: 82 Resp: 1069473
Ion Ratio Lower Upper
82 100
128 34.7 24.4 36.6
54 48.8 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Tgt Ion: 164 Resp: 386410
Ion Ratio Lower Upper
164 100
162 102.8 87.7 131.5
160 43.5 37.2 55.8

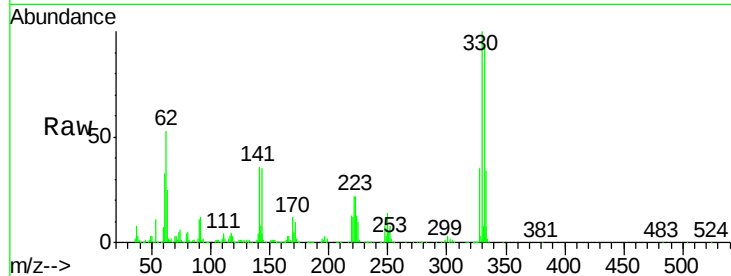




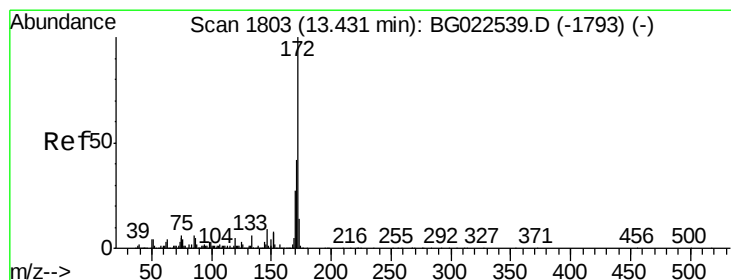
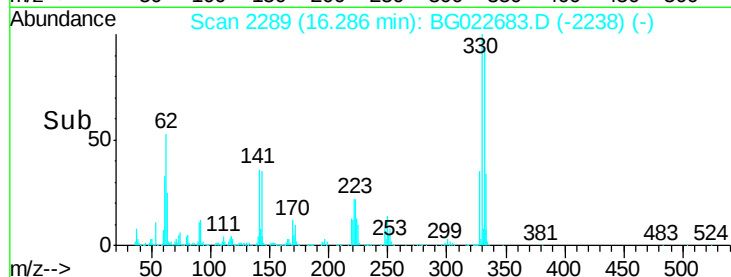
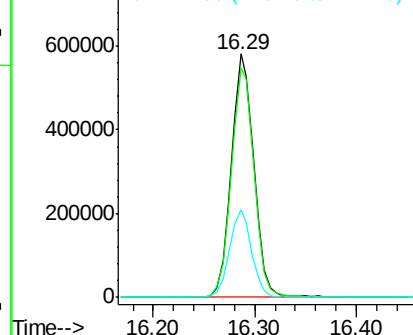
#41
2,4,6-Tribromophenol
Concen: 146.74 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Instrument :
BNA_G
ClientSampleId :
PB91516BL

Tot Ion:330 Resp: 891850
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 35.5 31.7 47.5

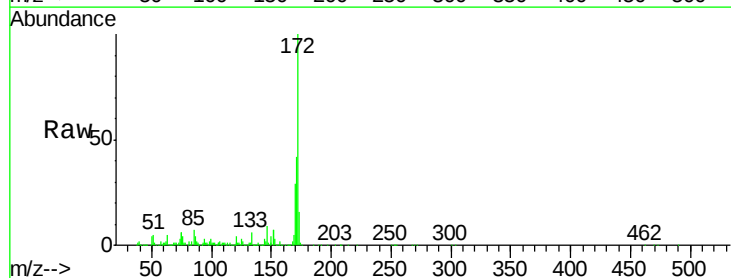


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

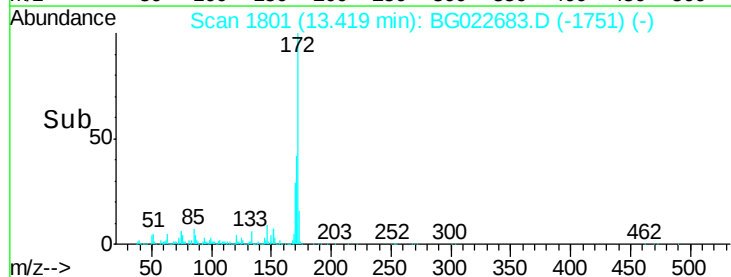
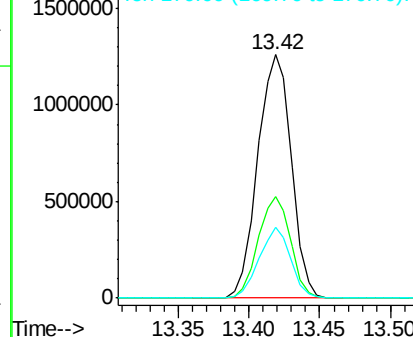


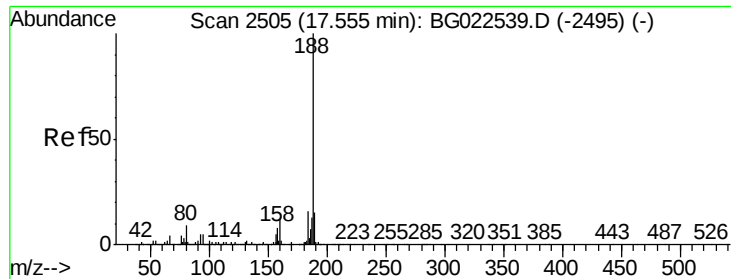
#44
2-Fluorobiphenyl
Concen: 86.20 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Tgt Ion:172 Resp: 2100269
Ion Ratio Lower Upper
172 100
171 41.6 31.6 47.4
170 29.1 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

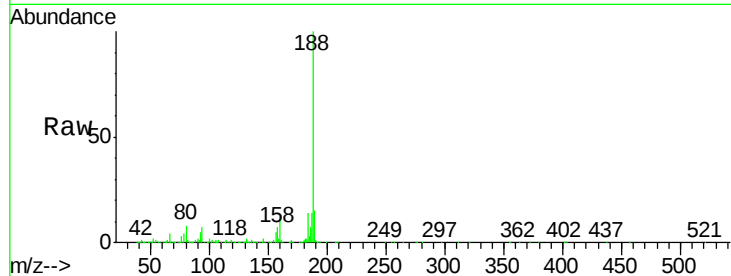




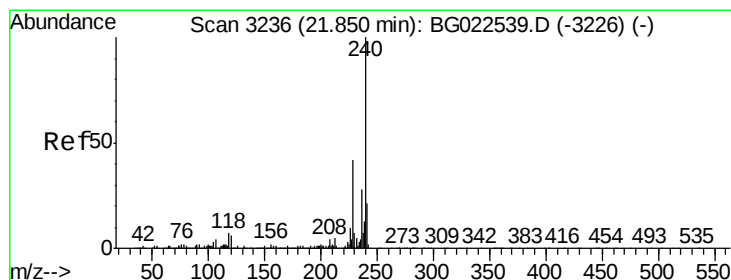
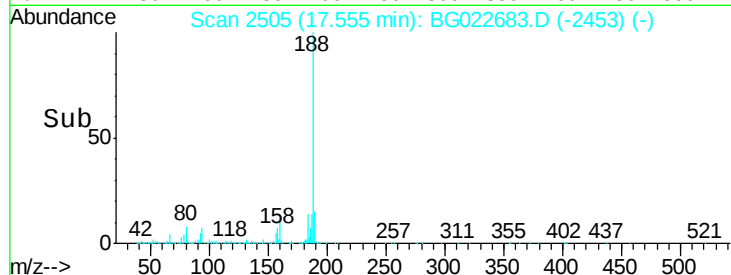
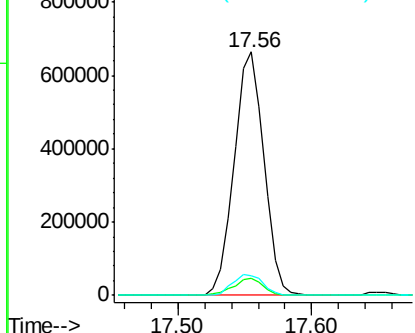
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Instrument :
BNA_G
ClientSampleId :
PB91516BL

Tot Ion:188 Resp: 1027616
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 8.3 7.2 10.8

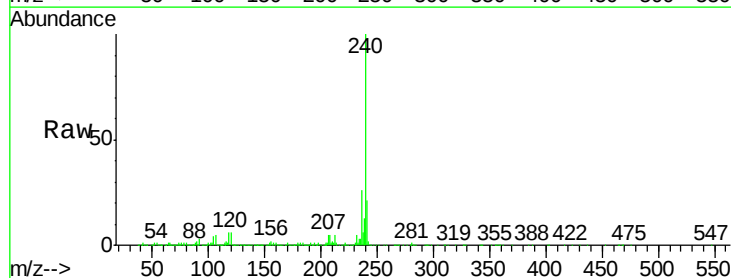


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

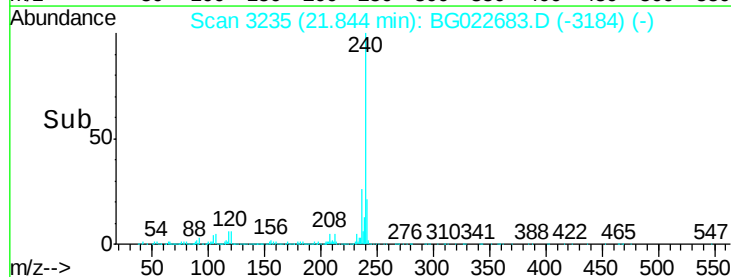
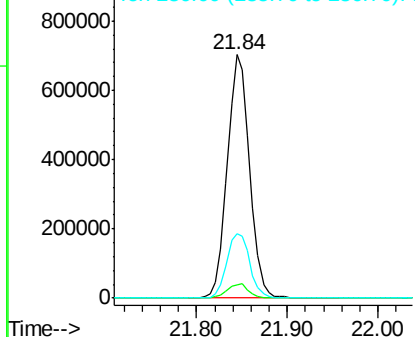


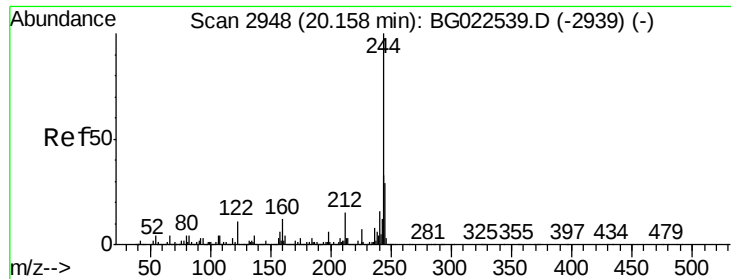
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Tgt Ion:240 Resp: 1192060
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 26.5 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: 73.56 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

Instrument :

BNA_G

ClientSampled :

PB91516BL

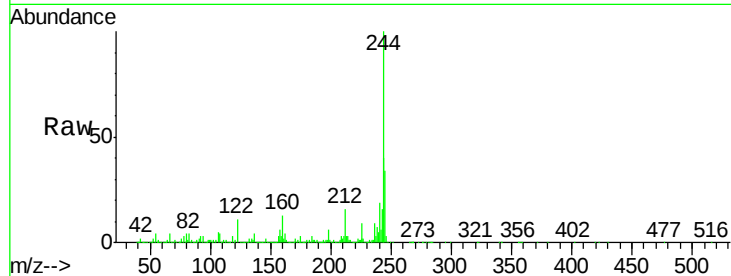
Tot Ion:244 Resp: 3309706

Ion Ratio Lower Upper

244 100

212 15.6 10.8 16.2

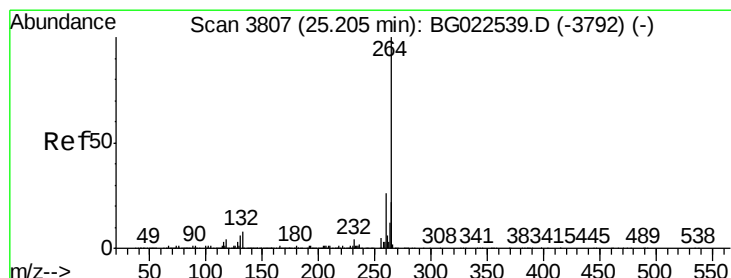
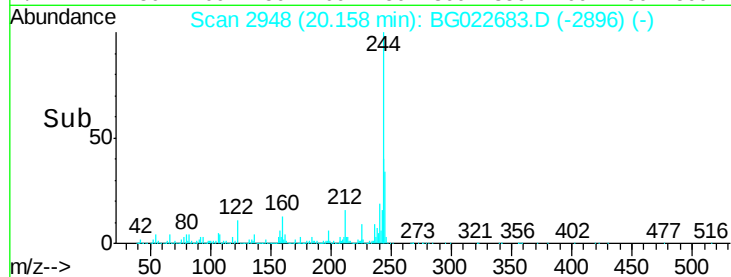
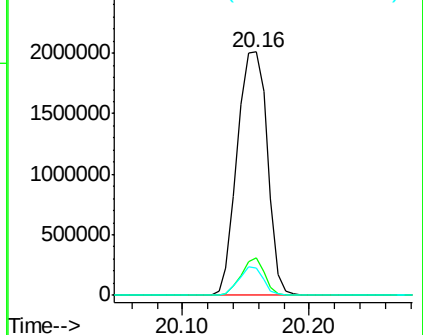
122 11.3 8.0 12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3807

Delta R.T. -0.00 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

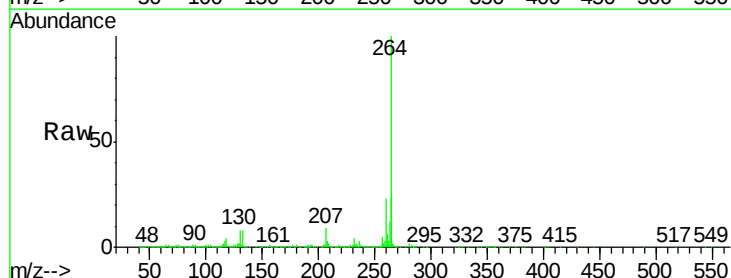
Tgt Ion:264 Resp: 1152791

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 23.8 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

