

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023145.D
 Acq On : 16 Jul 2016 13:39
 Operator : UM/SJ
 Sample : H4018-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D8-B4(0-11)C

Quant Time: Jul 18 01:19:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

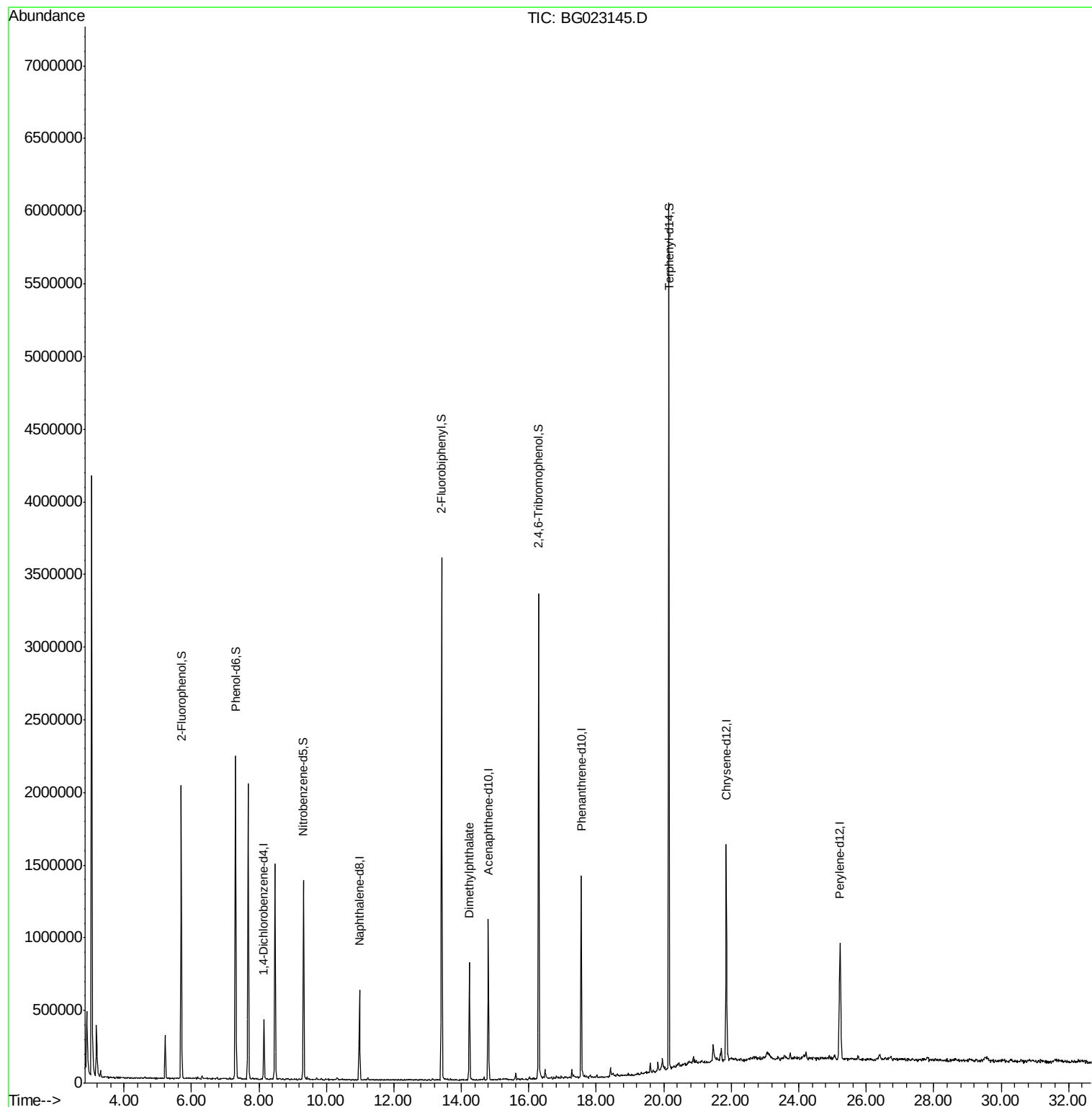
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	106813	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	474300	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	361187	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	864868	20.00	ng	0.00
75) Chrysene-d12	21.85	240	921257	20.00	ng	0.00
86) Perylene-d12	25.23	264	919223	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	784934	120.19	ng	0.00
7) Phenol-d6	7.31	99	1231081	120.35	ng	0.00
23) Nitrobenzene-d5	9.32	82	889622	80.31	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	614667	94.69	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1744537	76.08	ng	0.00
78) Terphenyl-d14	20.15	244	2358943	79.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	492802	16.70	ng	Qvalue 99

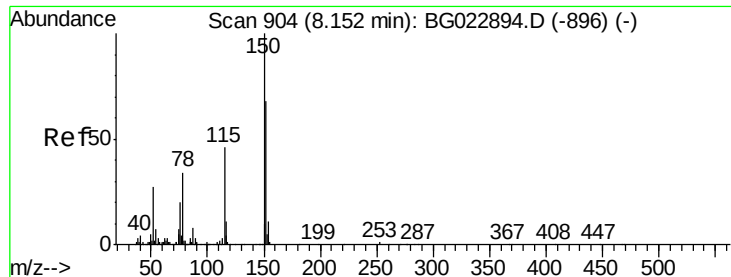
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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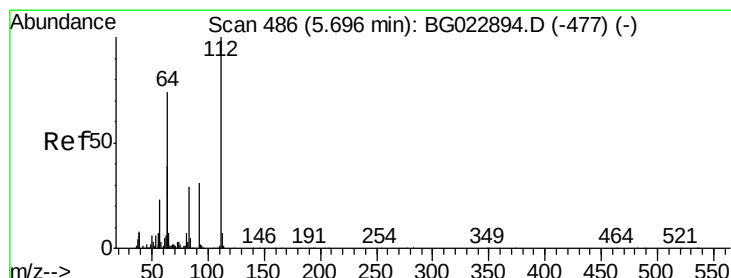
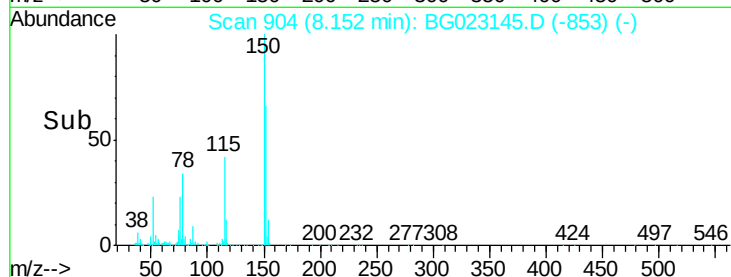
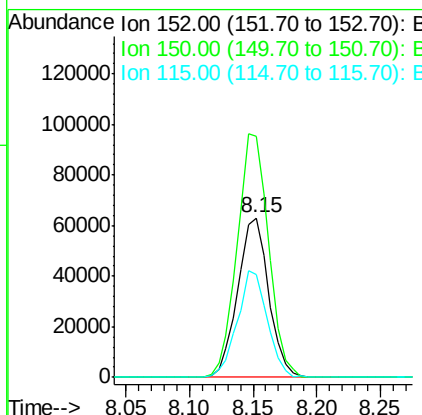
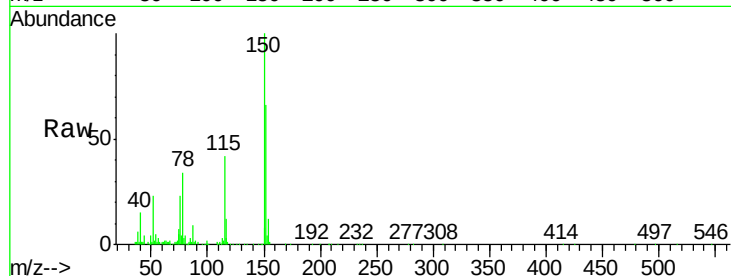


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023145.D
Acq: 16 Jul 2016 13:39

Instrument :
BNA_G
ClientSampleId :
D8-B4(0-11)C

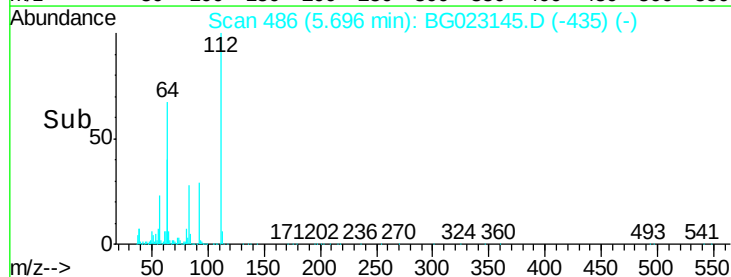
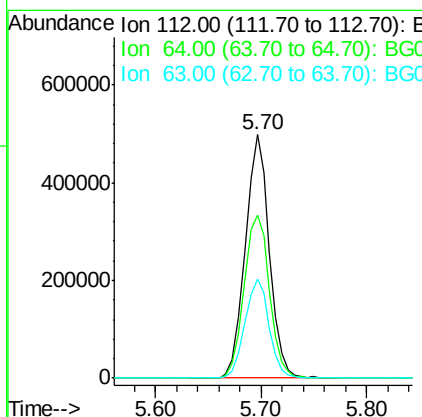
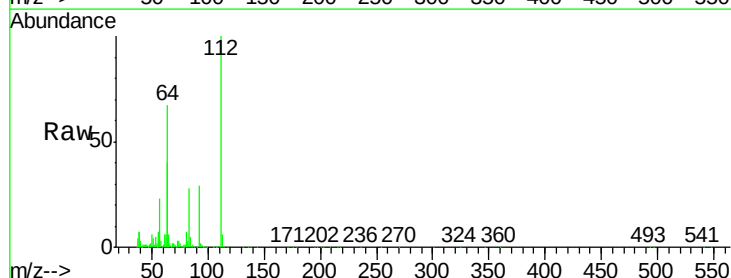
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	144.7	217.1
115	64.3	64.0	96.0

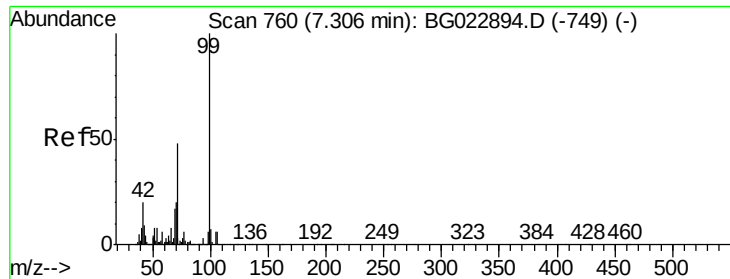


#5

2-Fluorophenol
Concen: 120.19 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023145.D
Acq: 16 Jul 2016 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	59.0	88.4
63	40.4	37.8	56.8





#7

Phenol-d6

Concen: 120.35 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023145.D

Acq: 16 Jul 2016 13:39

Instrument :

BNA_G

ClientSampleId :

D8-B4(0-11)C

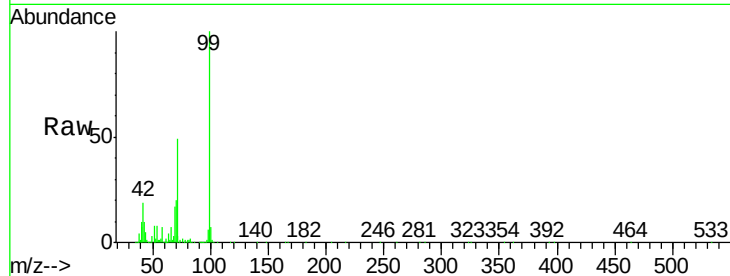
Tgt Ion: 99 Resp: 1231081

Ion Ratio Lower Upper

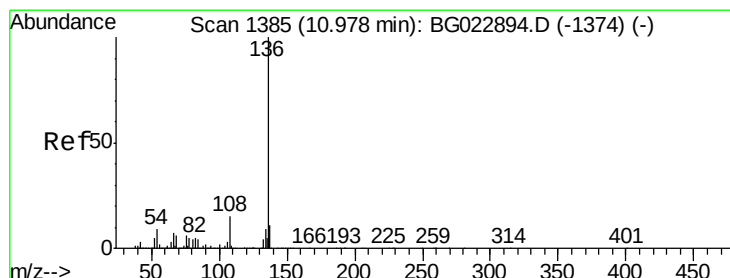
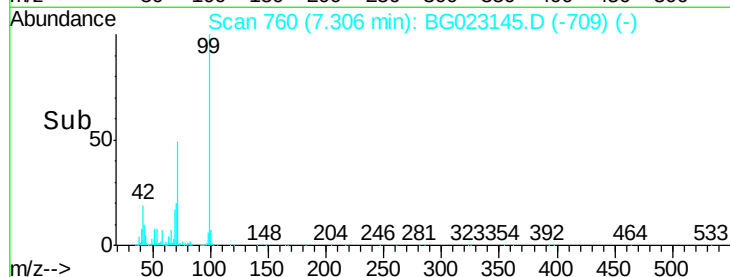
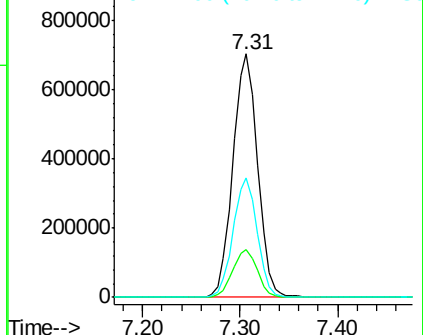
99 100

42 19.5 17.8 26.6

71 48.8 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# 1385

Delta R.T. 0.00 min

Lab File: BG023145.D

Acq: 16 Jul 2016 13:39

Tgt Ion: 136 Resp: 474300

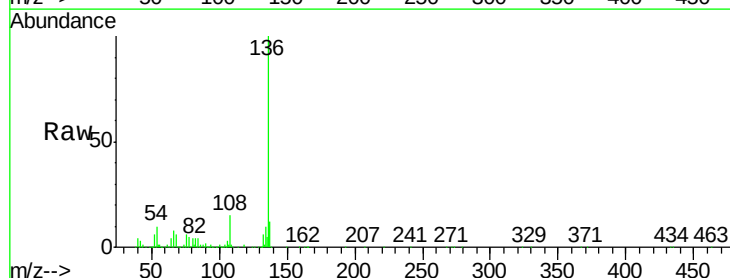
Ion Ratio Lower Upper

136 100

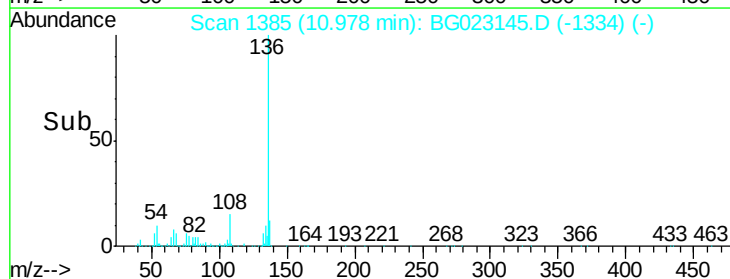
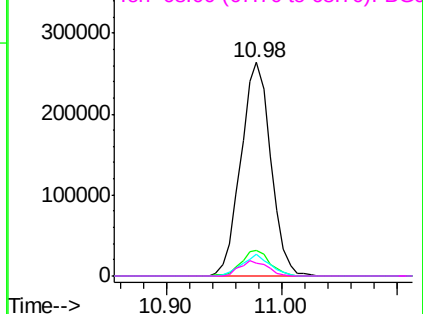
137 11.8 9.6 14.4

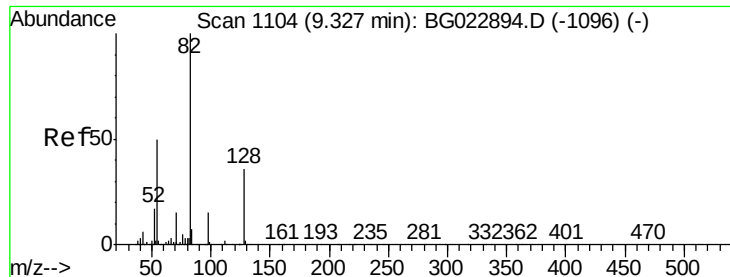
54 10.5 7.3 10.9

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

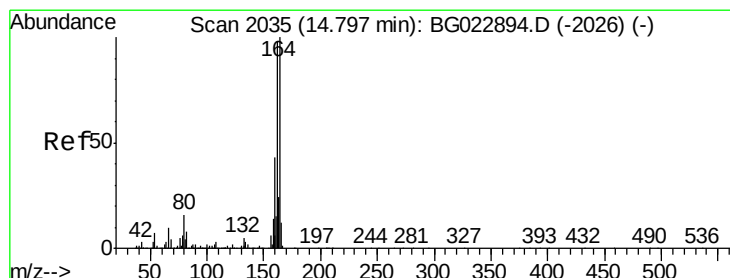
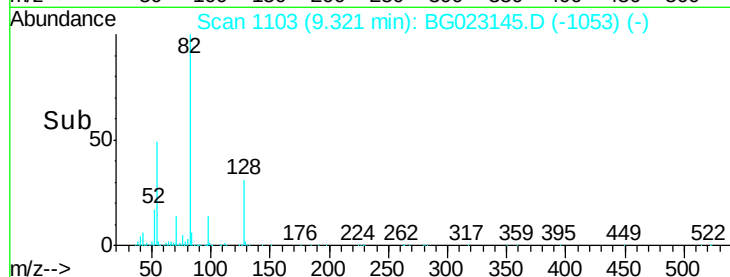
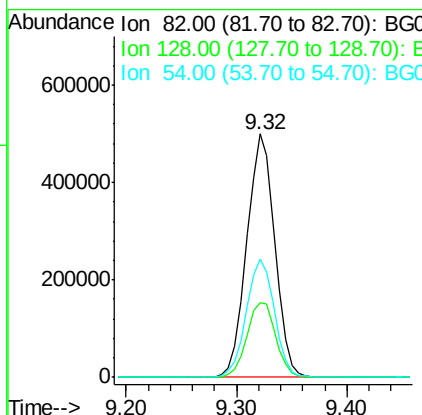
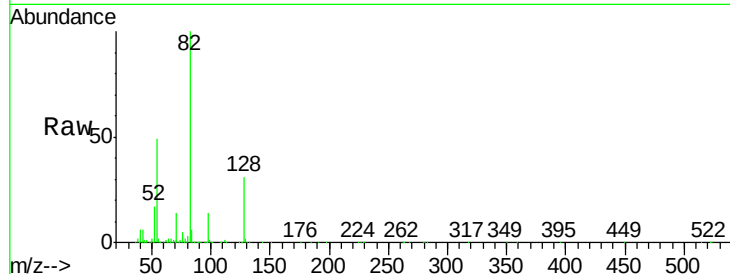




#23
 Nitrobenzene-d5
 Concen: 80.31 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG023145.D
 Acq: 16 Jul 2016 13:39

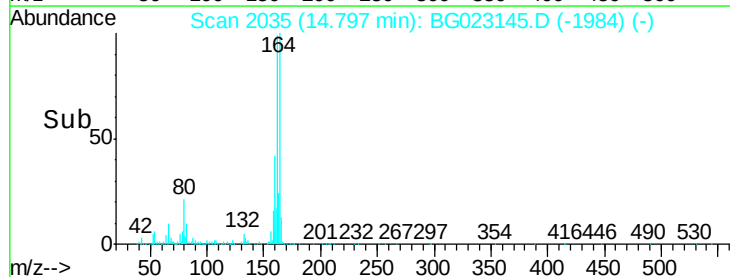
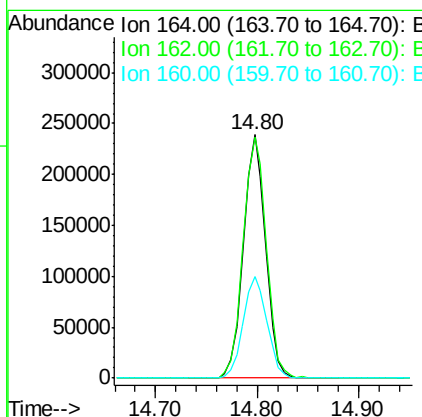
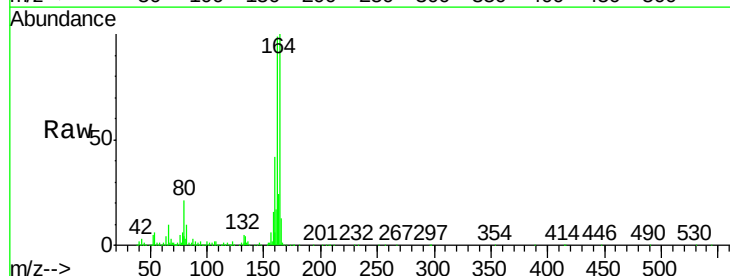
Instrument :
 BNA_G
 ClientSampleId :
 D8-B4(0-11)C

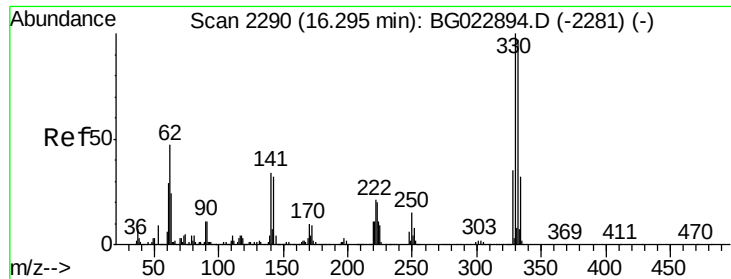
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.6	24.4	36.6
54	48.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG023145.D
 Acq: 16 Jul 2016 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	87.7	131.5
160	41.6	37.2	55.8

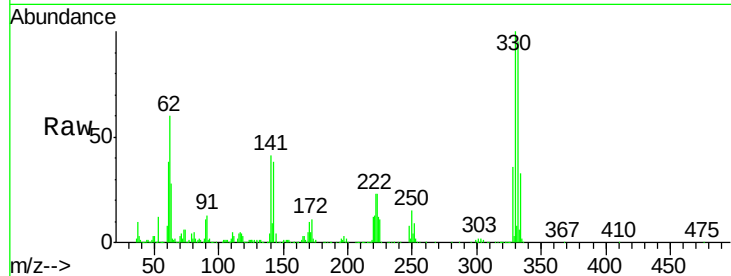




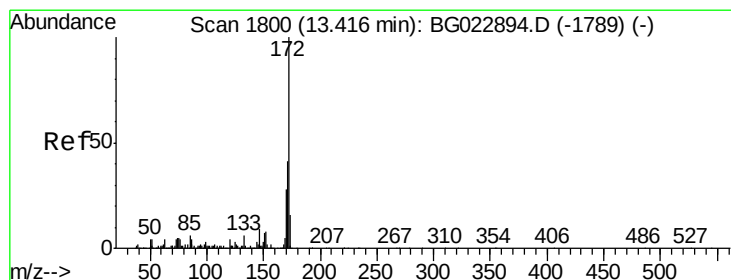
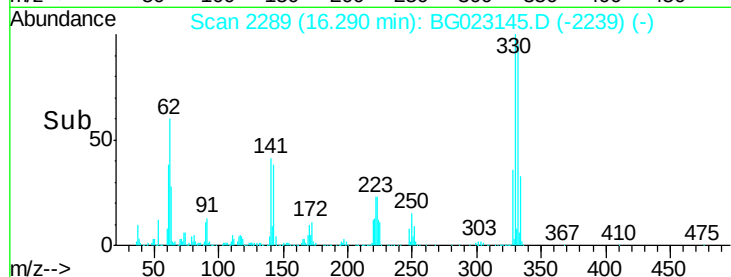
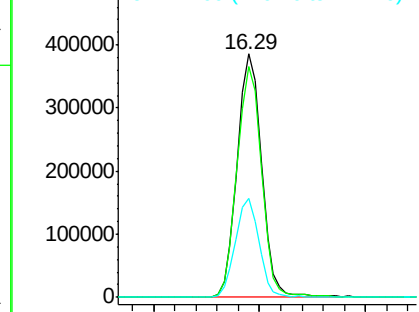
#41
 2,4,6-Tribromophenol
 Concen: 94.69 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023145.D
 Acq: 16 Jul 2016 13:39

Instrument :
 BNA_G
 ClientSampleId :
 D8-B4(0-11)C

Tgt Ion:330 Resp: 614667
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 39.9 31.7 47.5

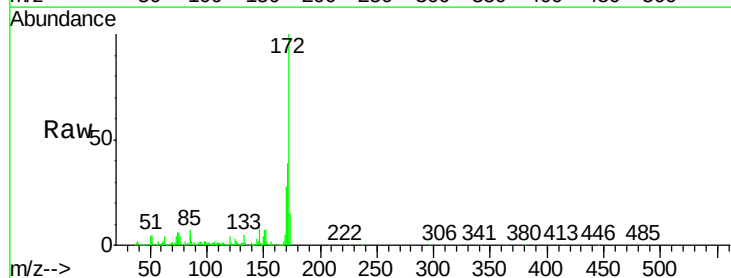


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

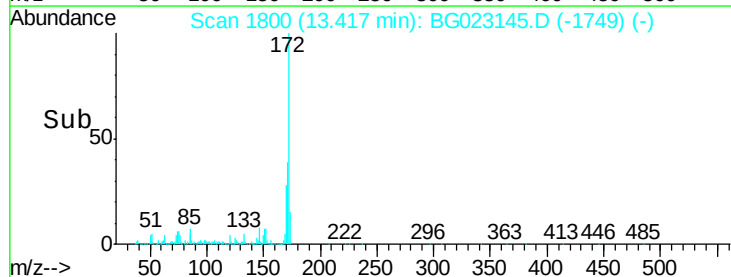
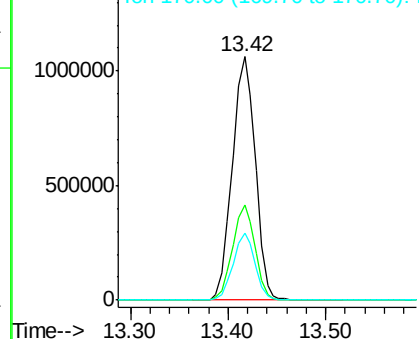


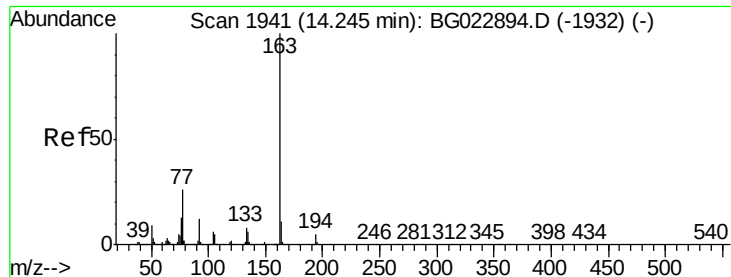
#44
 2-Fluorobiphenyl
 Concen: 76.08 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023145.D
 Acq: 16 Jul 2016 13:39

Tgt Ion:172 Resp: 1744537
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.6 47.4
 170 27.6 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





#49

Dimethylphthalate

Concen: 16.70 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023145.D

Acq: 16 Jul 2016 13:39

Instrument :

BNA_G

ClientSampleId :

D8-B4(0-11)C

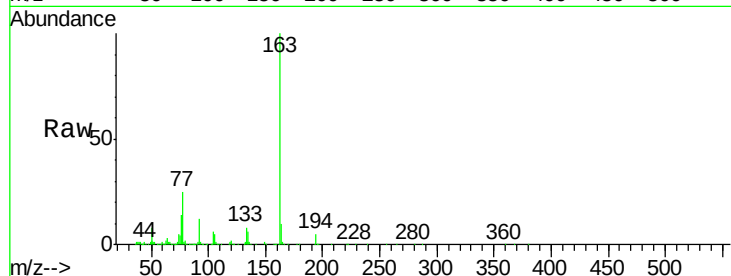
Tgt Ion:163 Resp: 492802

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

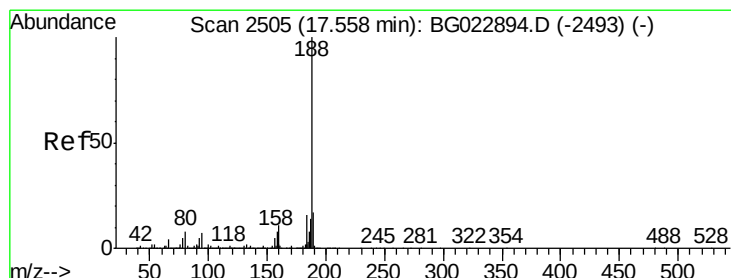
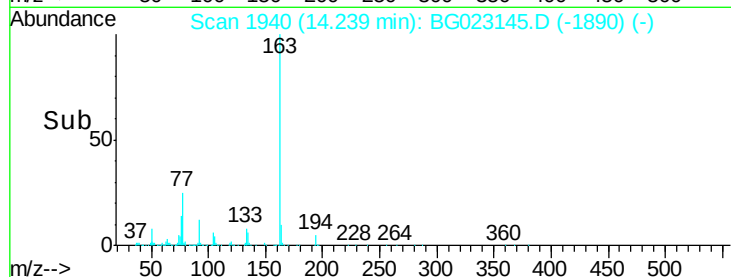
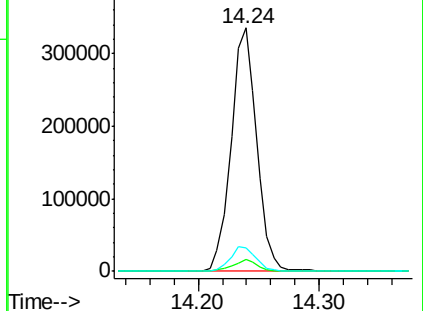
164 9.6 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023145.D

Acq: 16 Jul 2016 13:39

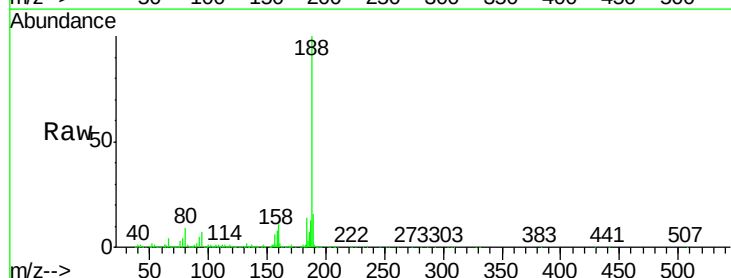
Tgt Ion:188 Resp: 864868

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

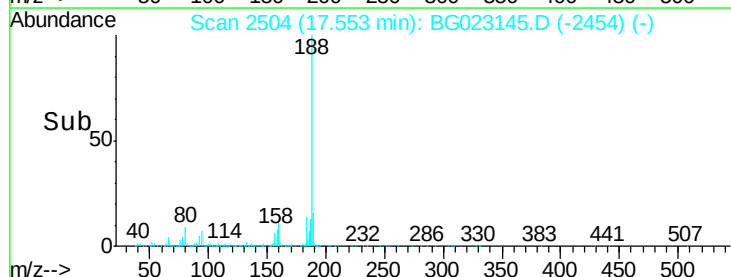
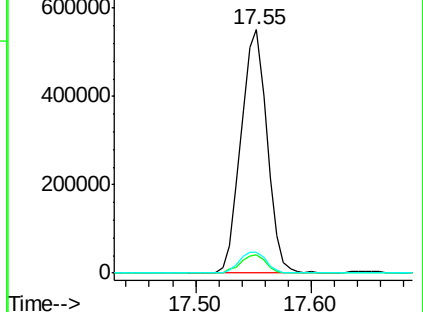
80 8.7 7.2 10.8

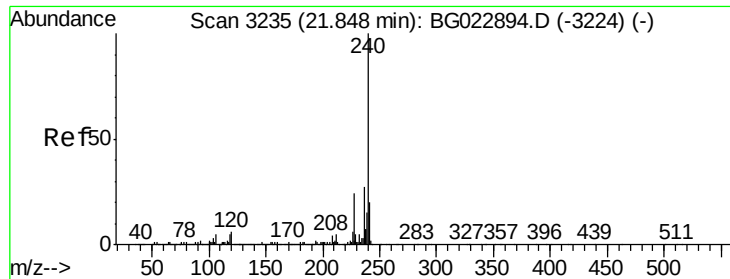


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

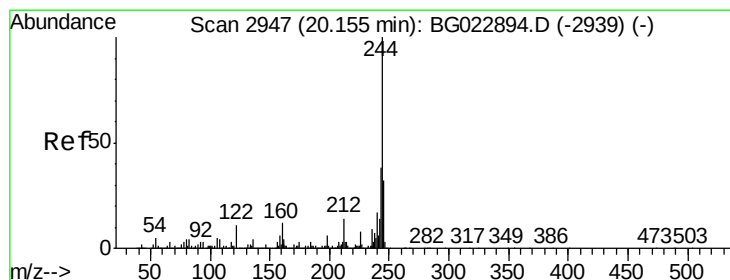
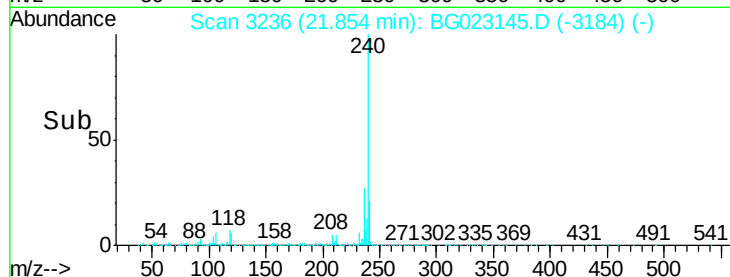
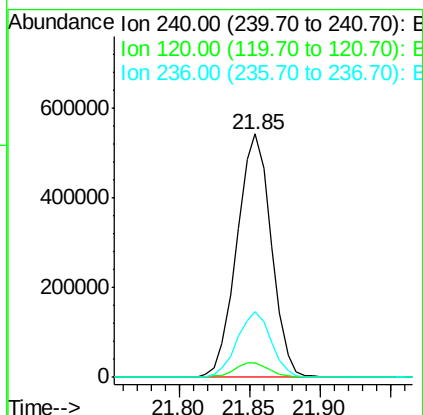
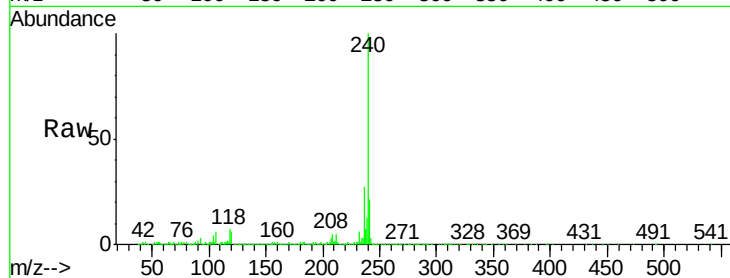




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG023145.D
Acq: 16 Jul 2016 13:39

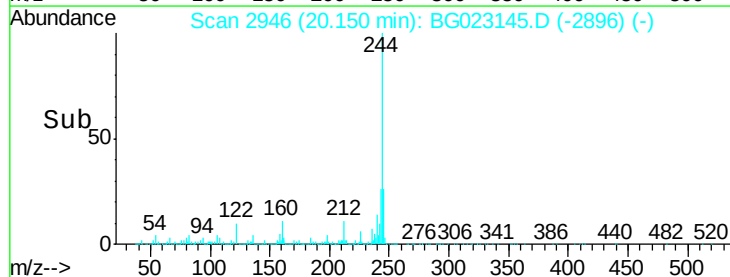
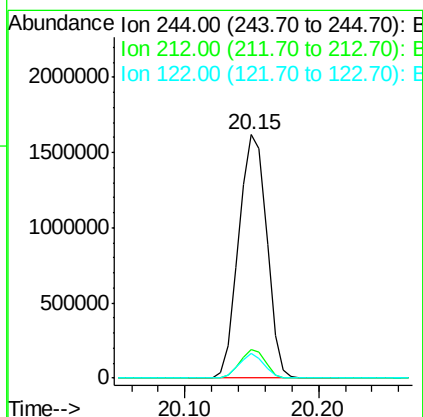
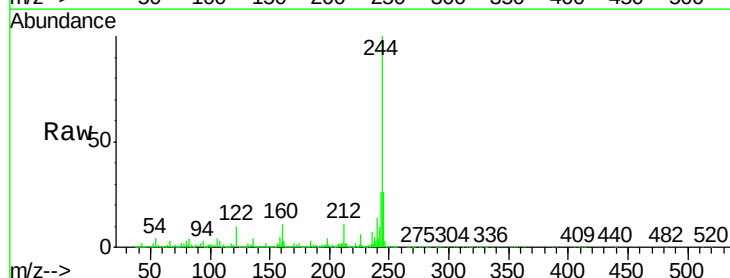
Instrument :
BNA_G
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D8-B4(0-11)C

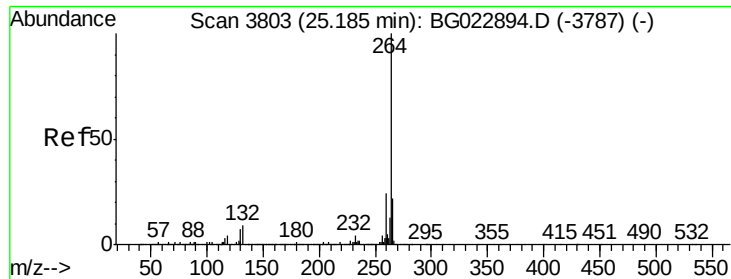
Tgt Ion:240 Resp: 921257
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 26.9 21.1 31.7



#78
Terphenyl-d14
Concen: 79.09 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BG023145.D
Acq: 16 Jul 2016 13:39

Tgt Ion:244 Resp: 2358943
Ion Ratio Lower Upper
244 100
212 11.5 10.8 16.2
122 9.9 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3810

Delta R.T. 0.04 min

Lab File: BG023145.D

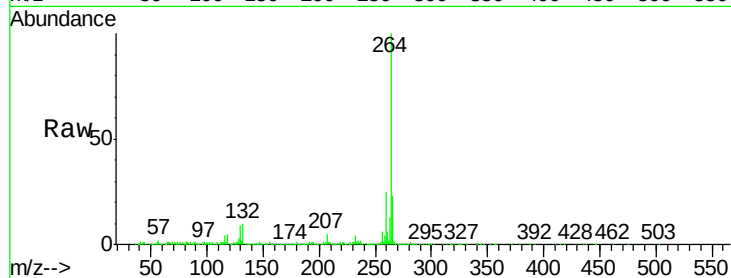
Acq: 16 Jul 2016 13:39

Instrument :

BNA_G

ClientSampleId :

D8-B4(0-11)C



Tgt Ion: 264 Resp: 919223

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 22.6 18.9 28.3

