

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023058.D
 Acq On : 13 Jul 2016 6:08
 Operator : UM/SJ
 Sample : H3995-29
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB04

Quant Time: Jul 13 07:02:52 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	101632	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	493240	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	389496	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	901099	20.00	ng	0.00
75) Chrysene-d12	21.87	240	942183	20.00	ng	0.02
86) Perylene-d12	25.25	264	942114	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	401993	64.69	ng	0.00
7) Phenol-d6	7.30	99	397543	40.85	ng	0.00
23) Nitrobenzene-d5	9.32	82	1076940	93.49	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	808001	115.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2263018	91.52	ng	0.00
78) Terphenyl-d14	20.16	244	3022024	118.26	ng	0.00

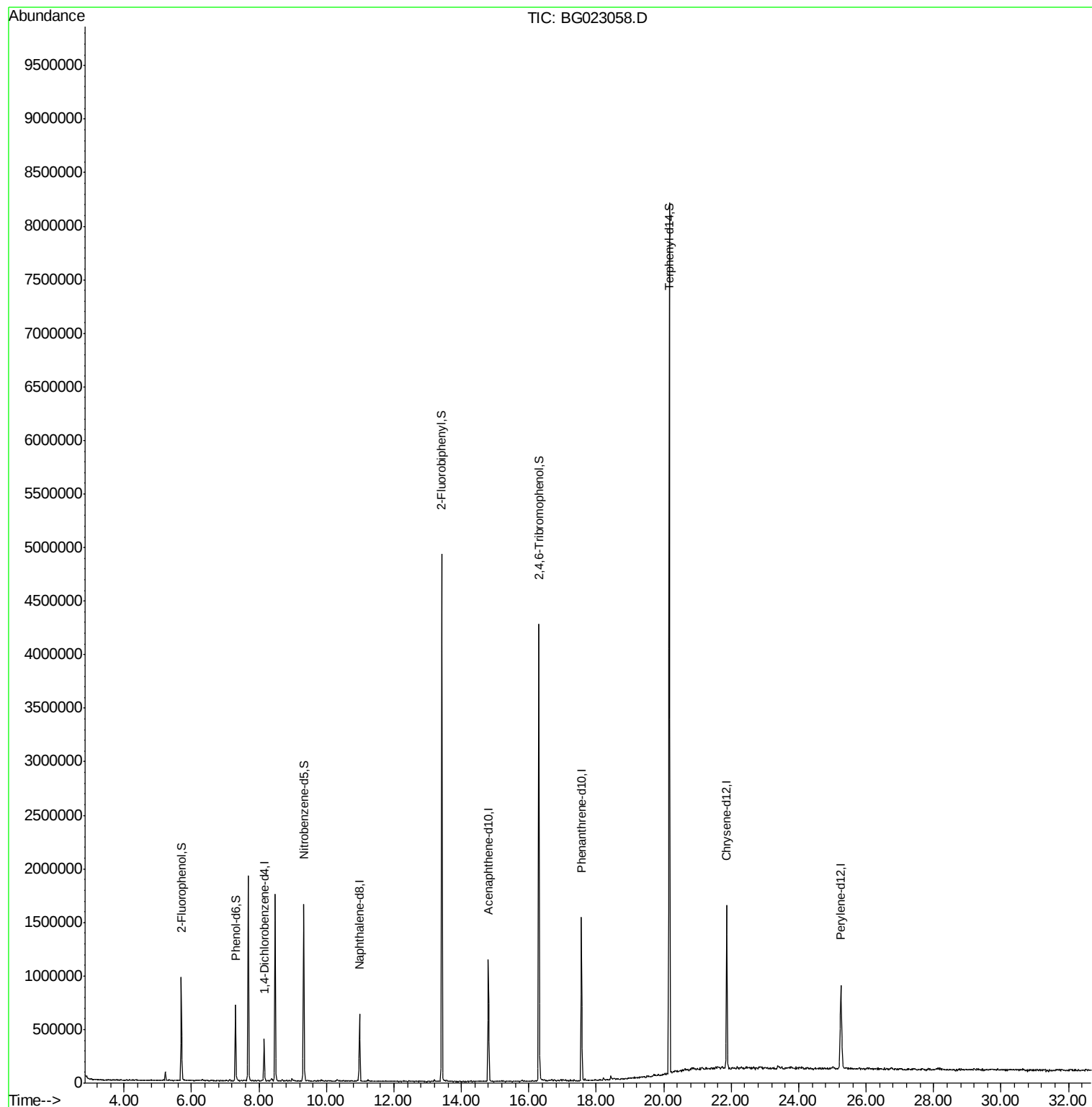
Target Compounds Qvalue

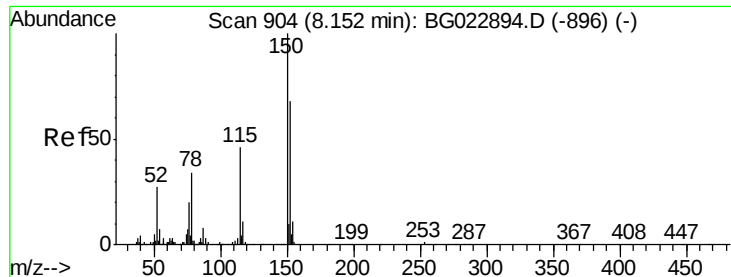
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023058.D

Acq: 13 Jul 2016 6:08

Instrument :

BNA_G

ClientSampleId :

LSS-EB04

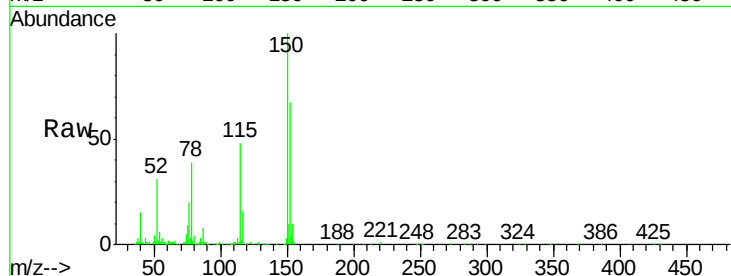
Tot Ion:152 Resp: 101632

Ion Ratio Lower Upper

152 100

150 149.0 144.7 217.1

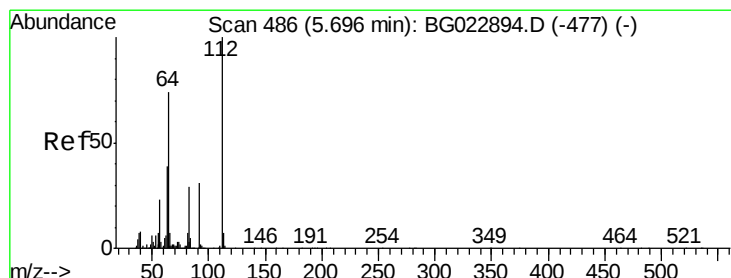
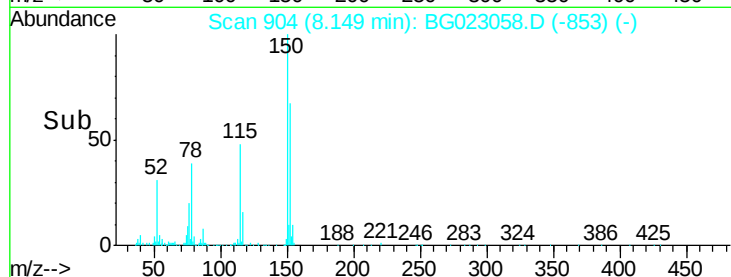
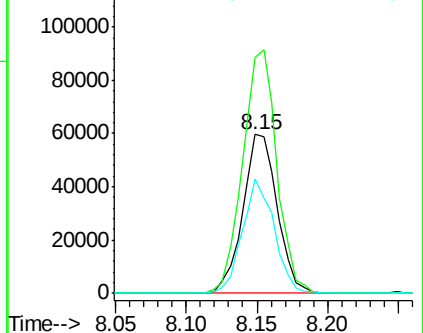
115 72.0 64.0 96.0



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: 64.69 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023058.D

Acq: 13 Jul 2016 6:08

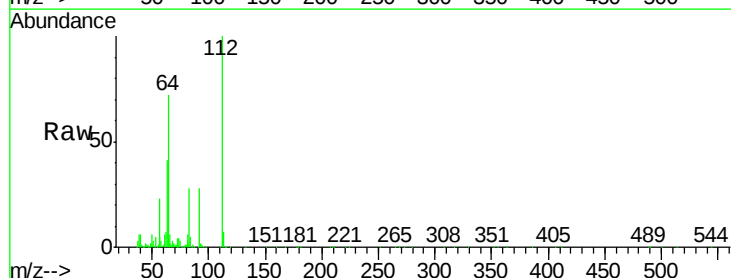
Tgt Ion:112 Resp: 401993

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

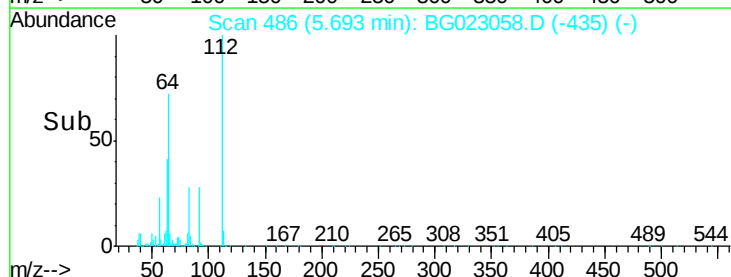
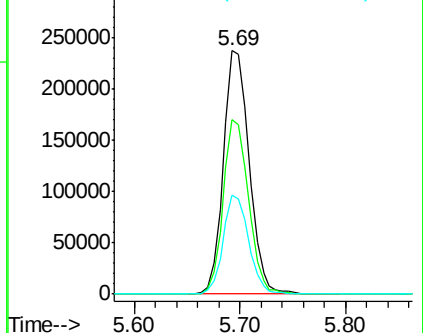
63 40.6 37.8 56.8

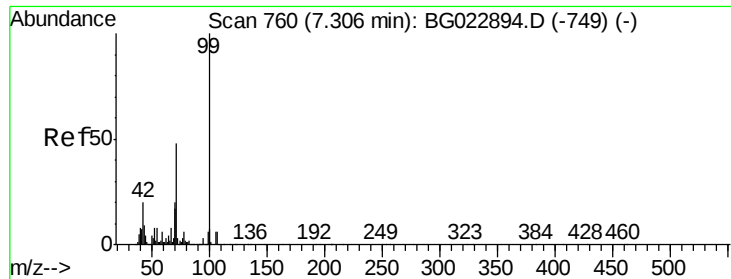


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.85 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023058.D

Acq: 13 Jul 2016 6:08

Instrument :

BNA_G

ClientSampleId :

LSS-EB04

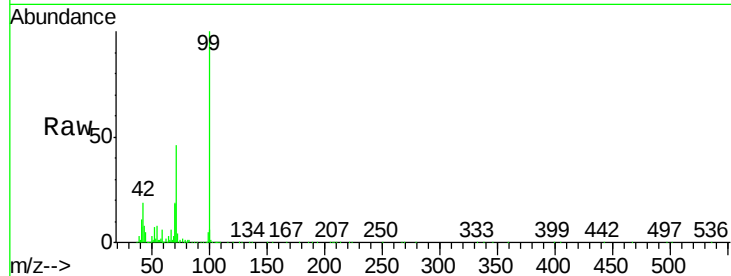
Tot Ion: 99 Resp: 397543

Ion Ratio Lower Upper

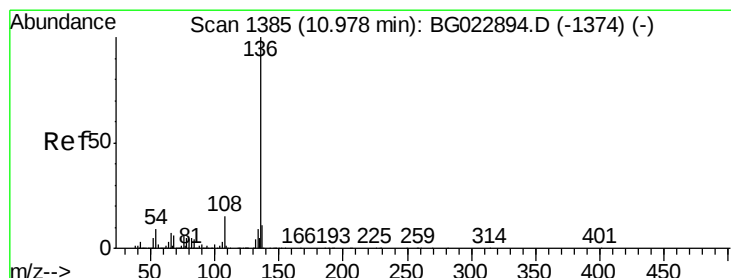
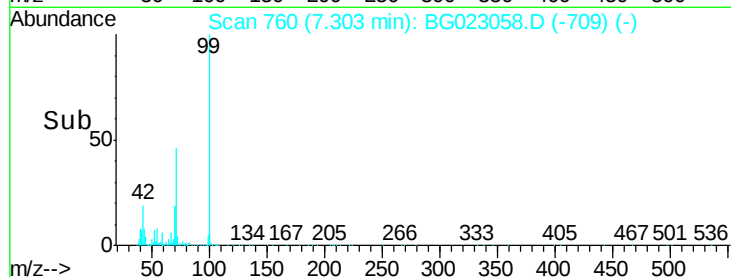
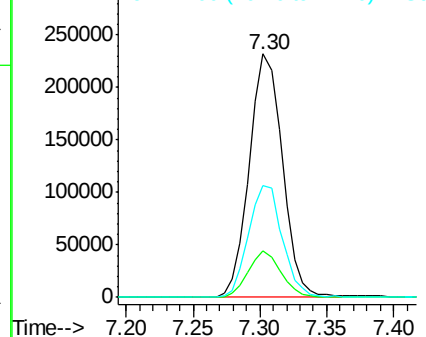
99 100

42 19.0 17.8 26.6

71 46.2 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. 0.00 min

Lab File: BG023058.D

Acq: 13 Jul 2016 6:08

Tgt Ion: 136 Resp: 493240

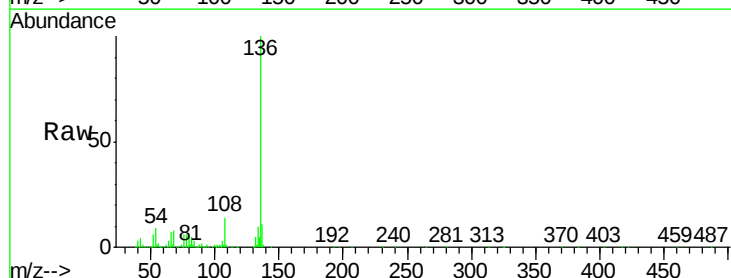
Ion Ratio Lower Upper

136 100

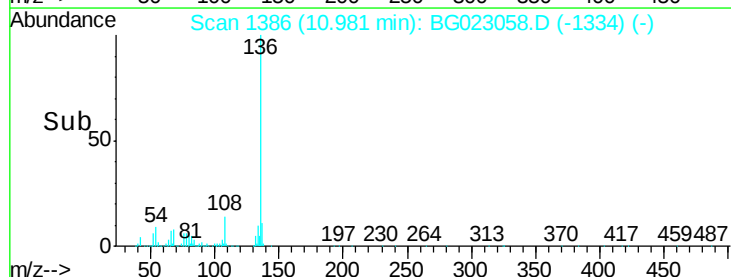
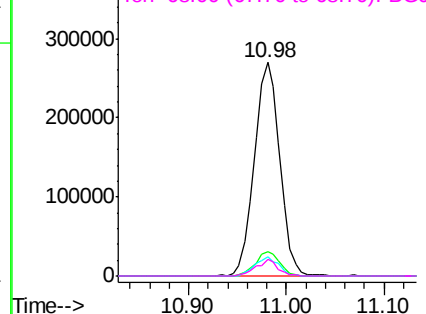
137 11.3 9.6 14.4

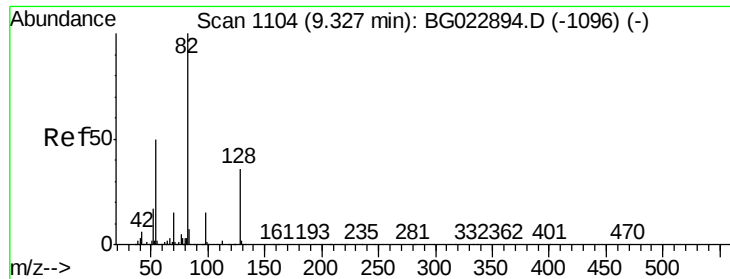
54 8.8 7.3 10.9

68 7.5 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

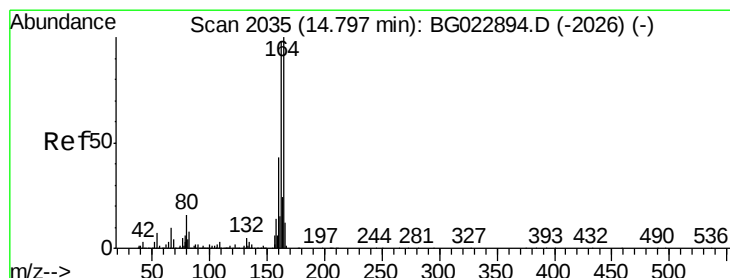
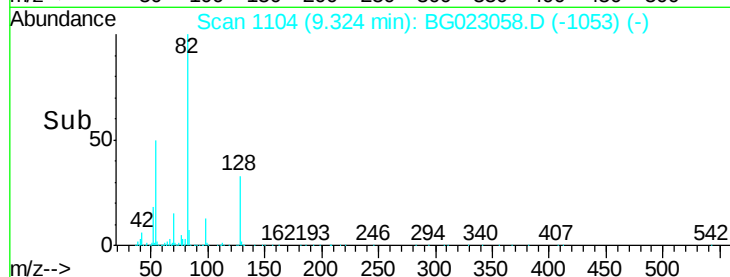
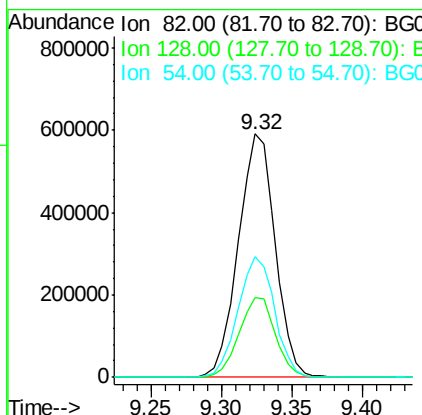
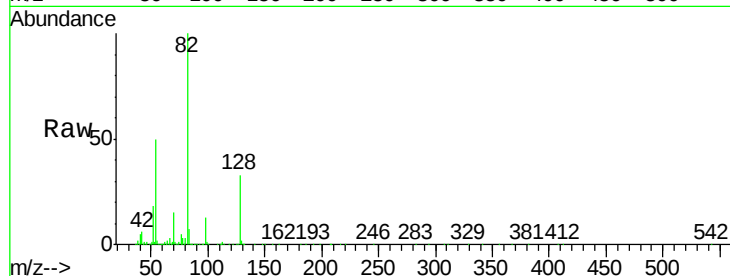




#23
 Nitrobenzene-d5
 Concen: 93.49 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023058.D
 Acq: 13 Jul 2016 6:08

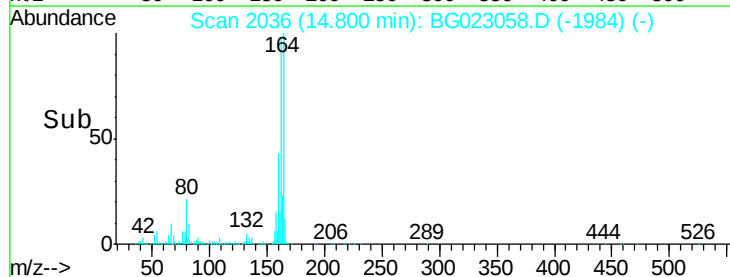
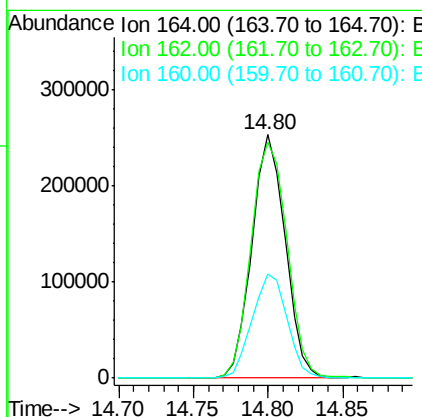
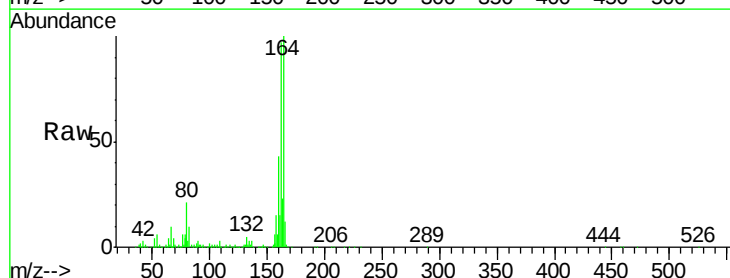
Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB04

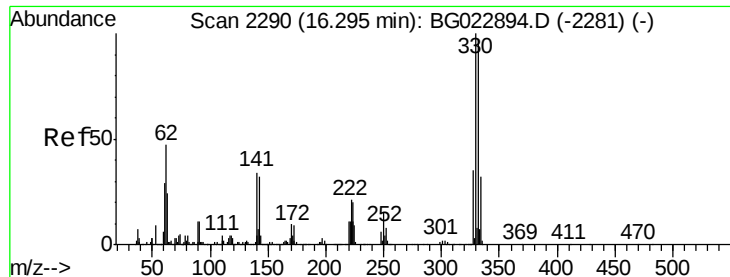
Tot Ion: 82 Resp: 1076940
 Ion Ratio Lower Upper
 82 100
 128 32.6 24.4 36.6
 54 49.8 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023058.D
 Acq: 13 Jul 2016 6:08

Tgt Ion: 164 Resp: 389496
 Ion Ratio Lower Upper
 164 100
 162 96.9 87.7 131.5
 160 42.5 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 115.43 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023058.D

Acq: 13 Jul 2016 6:08

Instrument :

BNA_G

ClientSampleId :

LSS-EB04

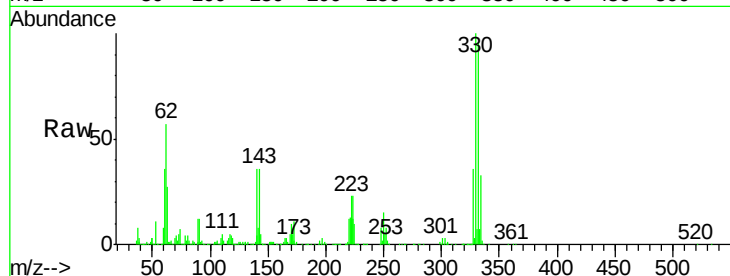
Tot Ion:330 Resp: 808001

Ion Ratio Lower Upper

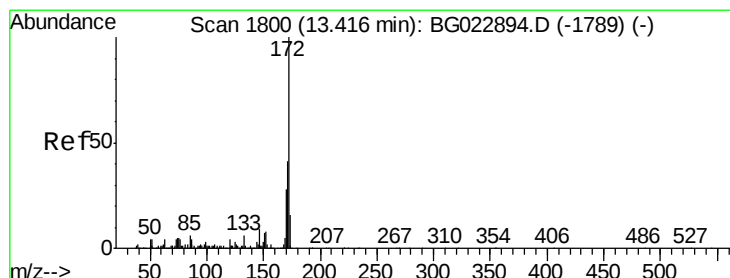
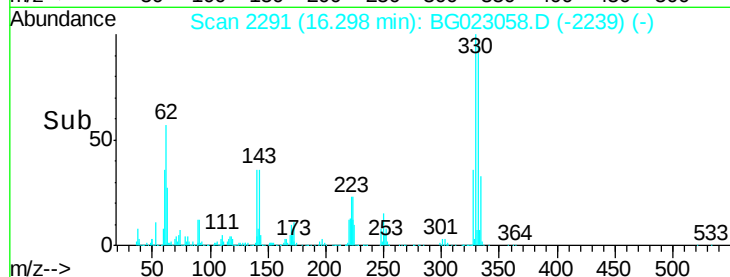
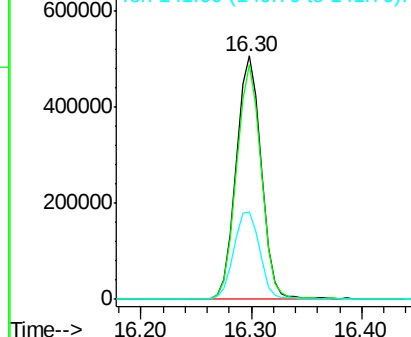
330 100

332 95.1 77.4 116.2

141 37.8 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: 91.52 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG023058.D

Acq: 13 Jul 2016 6:08

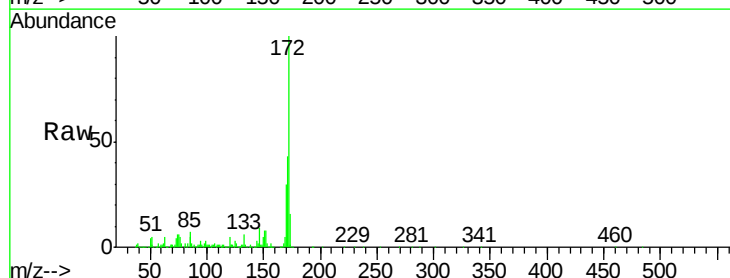
Tgt Ion:172 Resp: 2263018

Ion Ratio Lower Upper

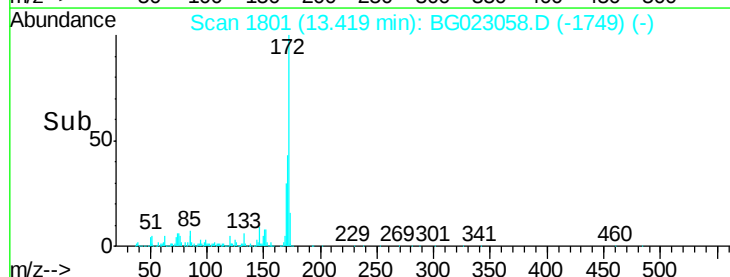
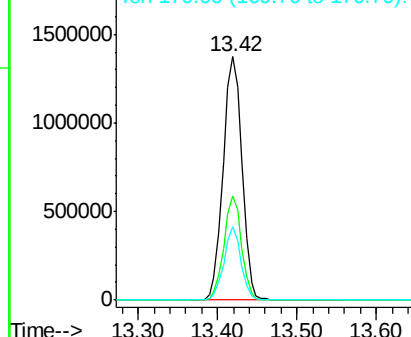
172 100

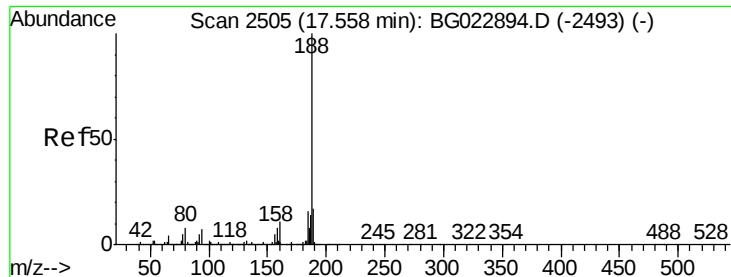
171 42.5 31.6 47.4

170 30.0 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

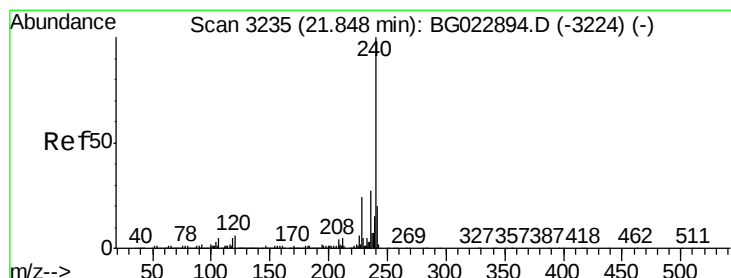
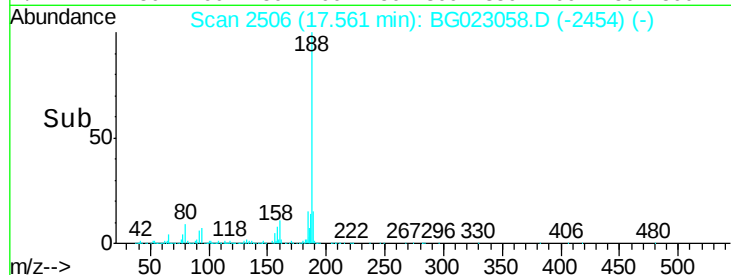
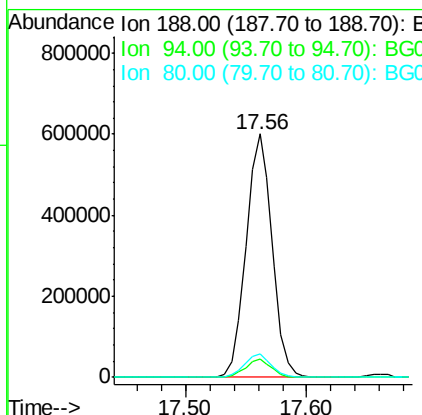
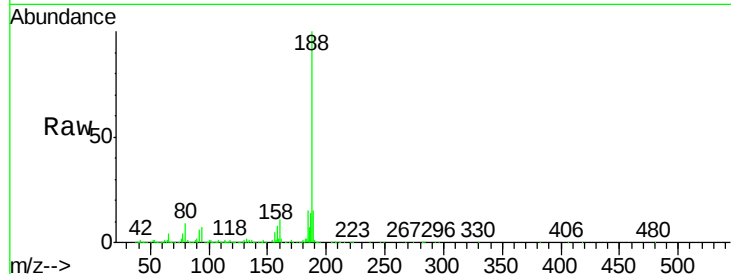




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023058.D
Acq: 13 Jul 2016 6:08

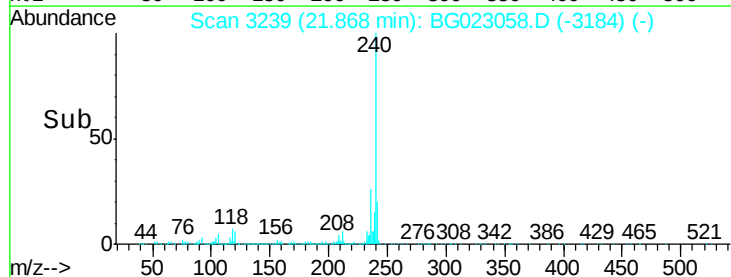
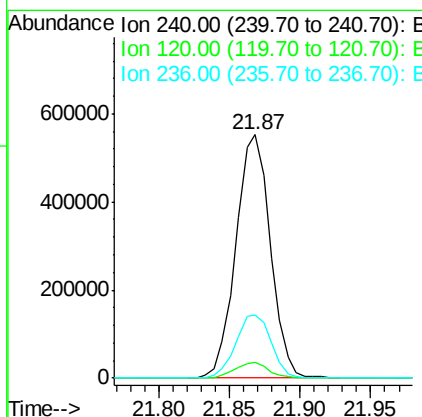
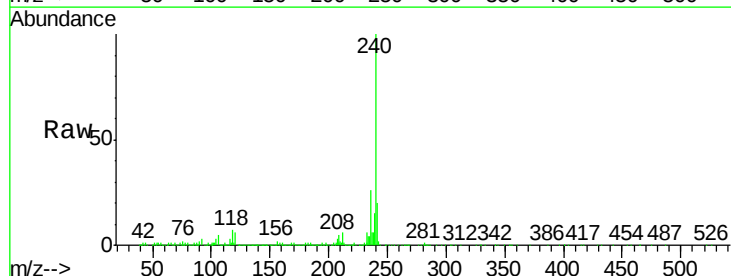
Instrument :
BNA_G
ClientSampleId :
LSS-EB04

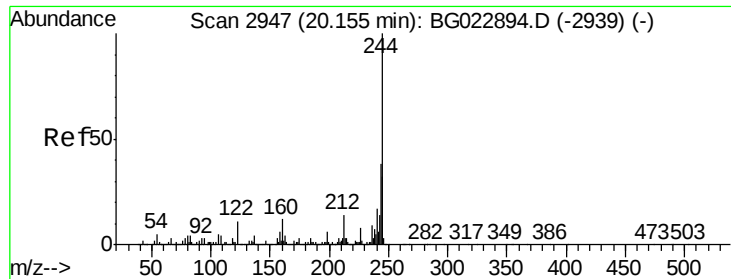
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.2	7.8
80	9.5	7.2	10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023058.D
Acq: 13 Jul 2016 6:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.1	6.1#
236	26.0	21.1	31.7





#78

Terphenyl-d14

Concen: 118.26 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023058.D

Acq: 13 Jul 2016 6:08

Instrument :

BNA_G

ClientSampleId :

LSS-EB04

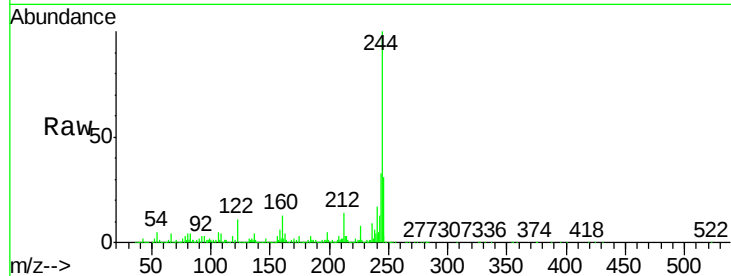
Tot Ion:244 Resp: 3022024

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

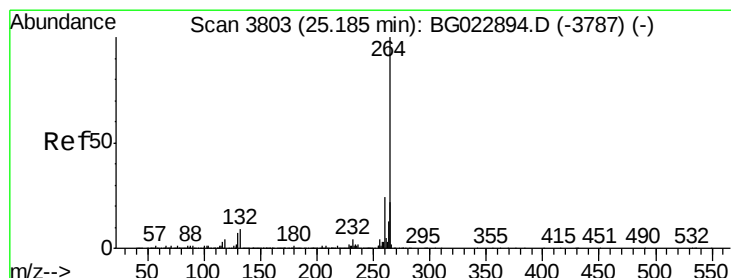
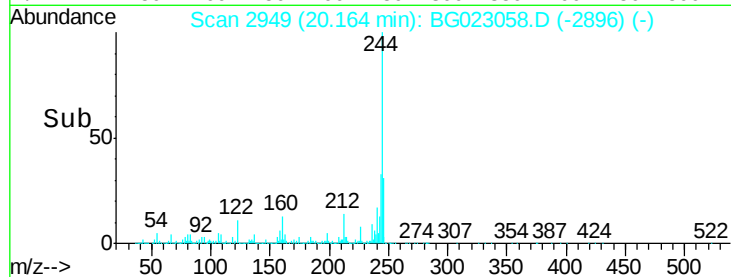
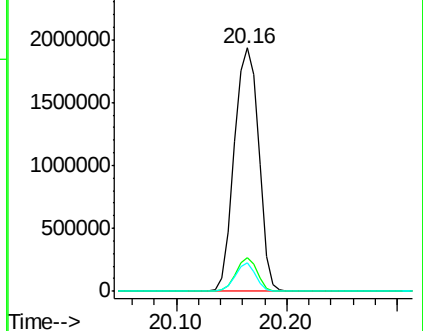
122 11.5 8.0 12.0



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: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023058.D

Acq: 13 Jul 2016 6:08

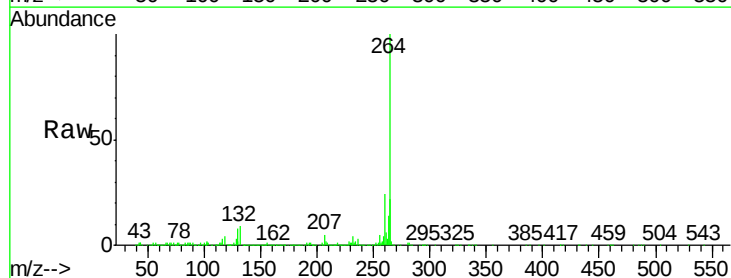
Tgt Ion:264 Resp: 942114

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.7 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

