

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023055.D
 Acq On : 13 Jul 2016 4:08
 Operator : UM/SJ
 Sample : H3995-26
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)

Quant Time: Jul 13 07:01:19 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	90325	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	460376	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	345277	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	776332	20.00	ng	0.00
75) Chrysene-d12	21.87	240	880825	20.00	ng	0.02
86) Perylene-d12	25.25	264	898765	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	253689	45.94	ng	0.00
7) Phenol-d6	7.30	99	262000	30.29	ng	0.00
23) Nitrobenzene-d5	9.32	82	727371	67.65	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	478847	77.17	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1556193	70.99	ng	0.00
78) Terphenyl-d14	20.16	244	2274138	80.12	ng	0.00

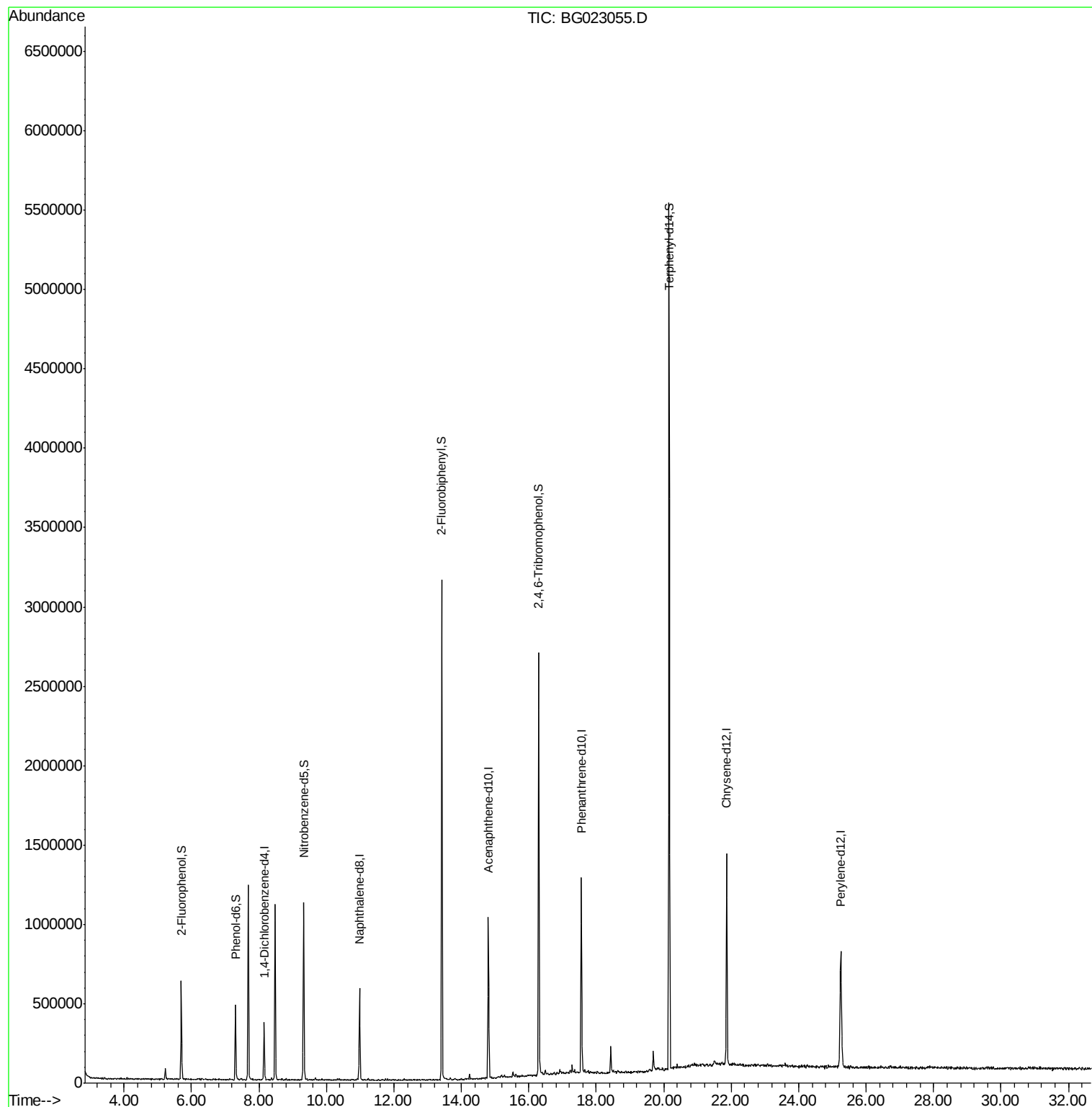
Target Compounds Qvalue

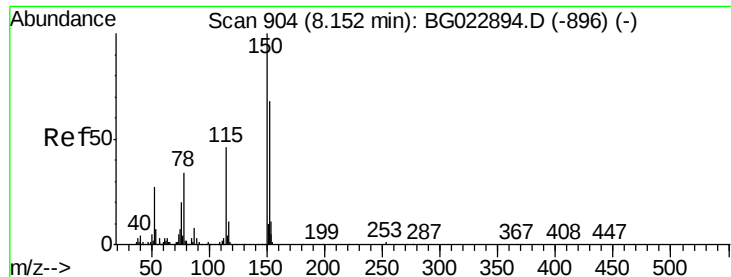
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023055.D

Acq: 13 Jul 2016 4:08

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)

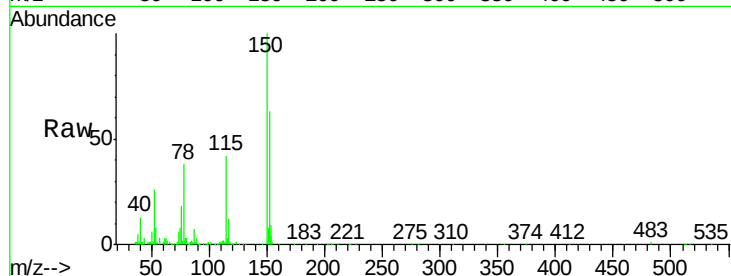
Tot Ion:152 Resp: 90325

Ion Ratio Lower Upper

152 100

150 159.9 144.7 217.1

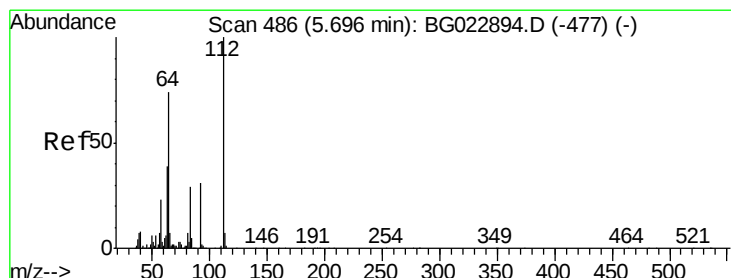
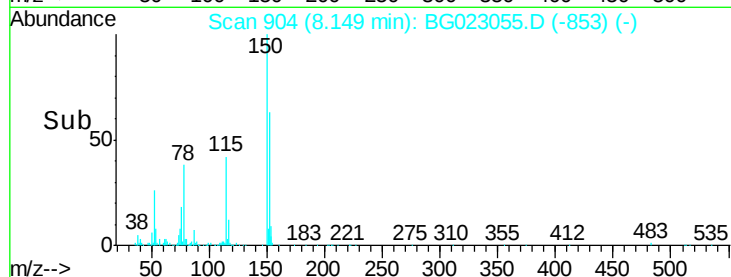
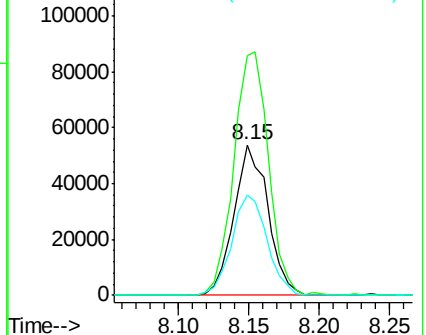
115 67.0 64.0 96.0



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: 45.94 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023055.D

Acq: 13 Jul 2016 4:08

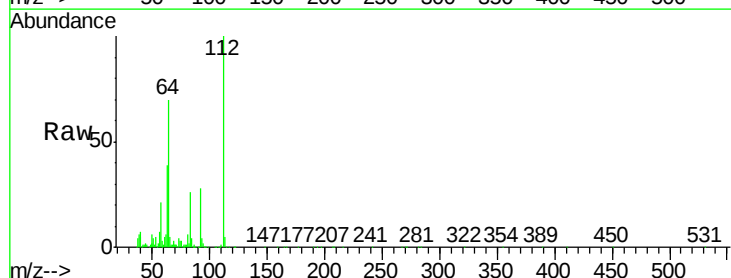
Tgt Ion:112 Resp: 253689

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

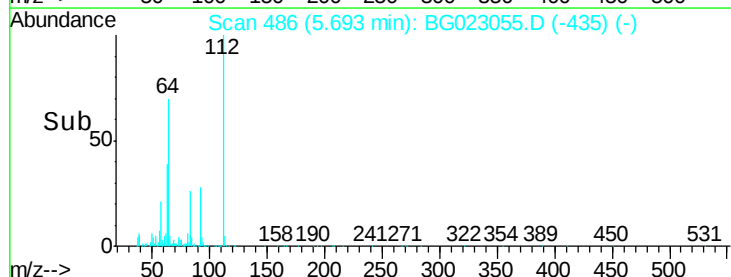
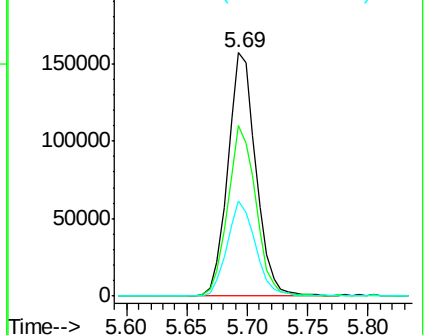
63 39.2 37.8 56.8

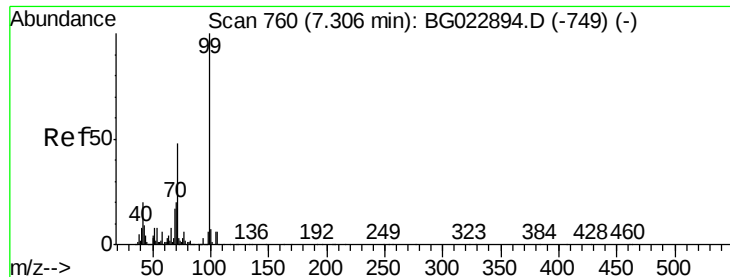


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.29 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023055.D

Acq: 13 Jul 2016 4:08

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)

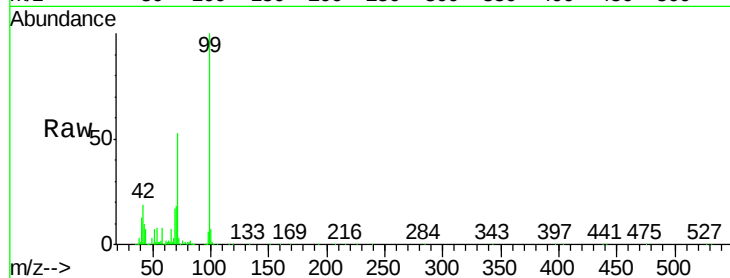
Tot Ion: 99 Resp: 262000

Ion Ratio Lower Upper

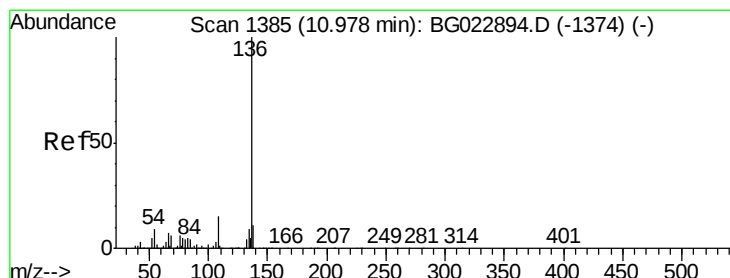
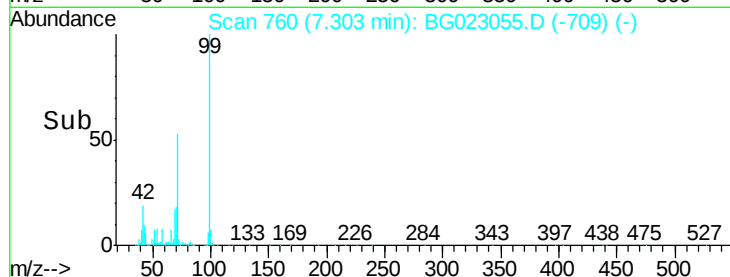
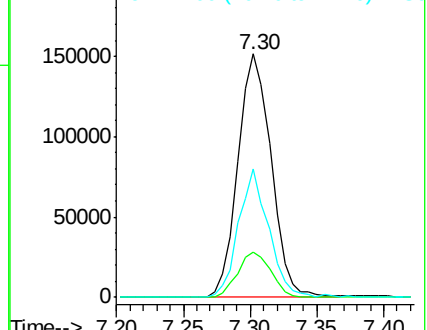
99 100

42 18.7 17.8 26.6

71 52.9 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: BG023055.D

Acq: 13 Jul 2016 4:08

Tgt Ion: 136 Resp: 460376

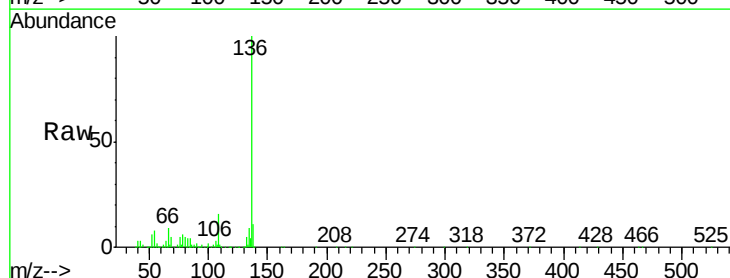
Ion Ratio Lower Upper

136 100

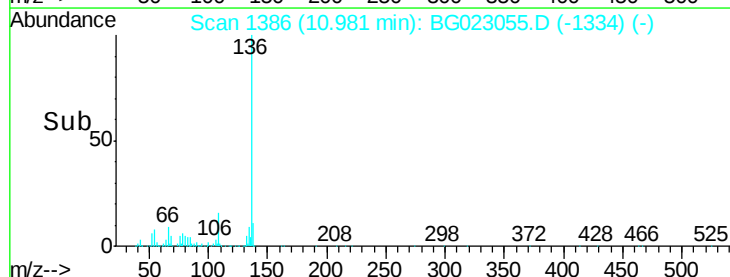
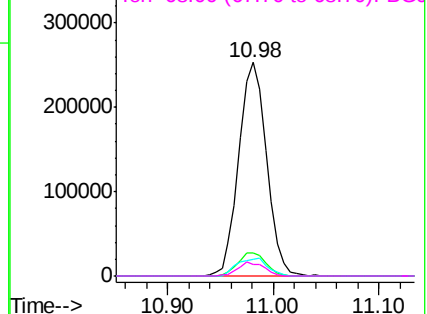
137 10.5 9.6 14.4

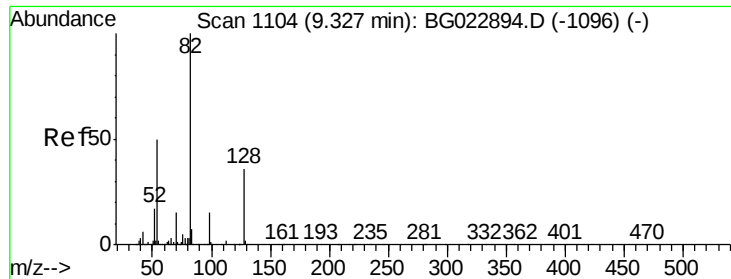
54 8.1 7.3 10.9

68 5.4 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

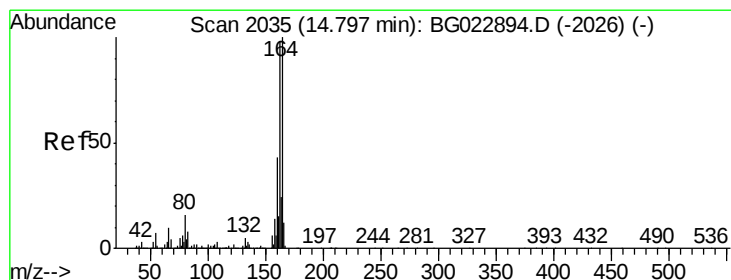
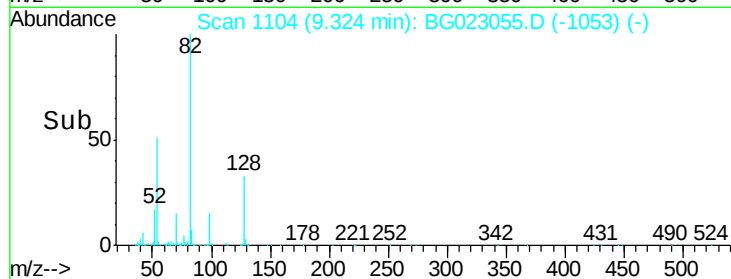
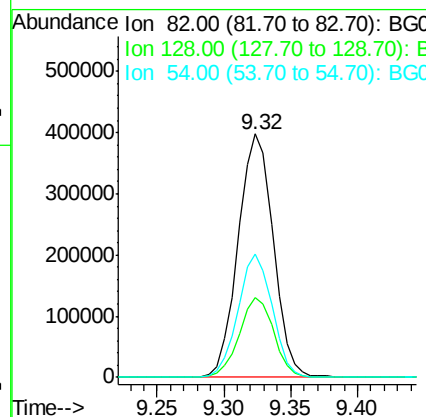
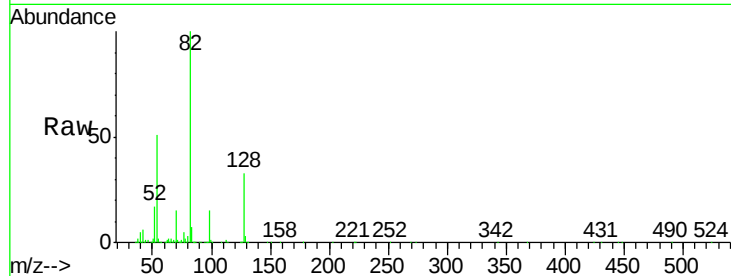




#23
 Nitrobenzene-d5
 Concen: 67.65 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023055.D
 Acq: 13 Jul 2016 4:08

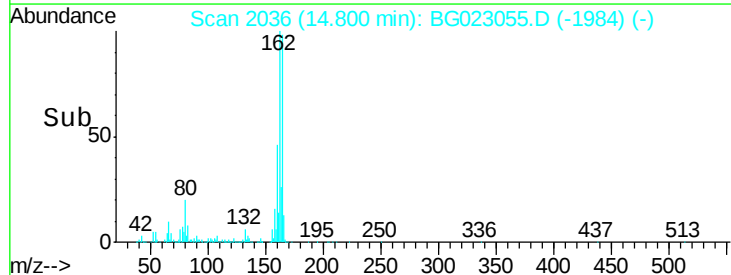
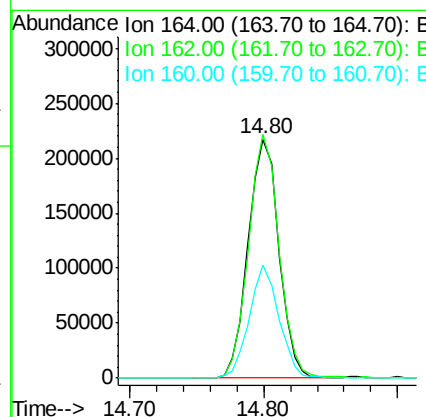
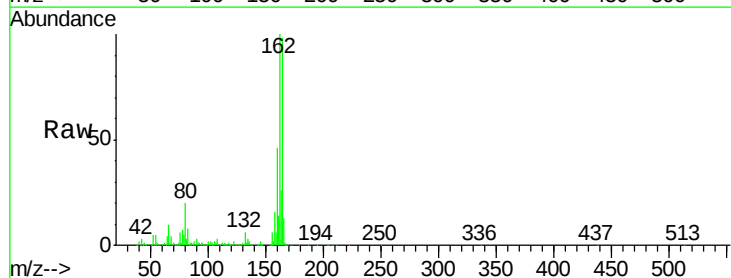
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)

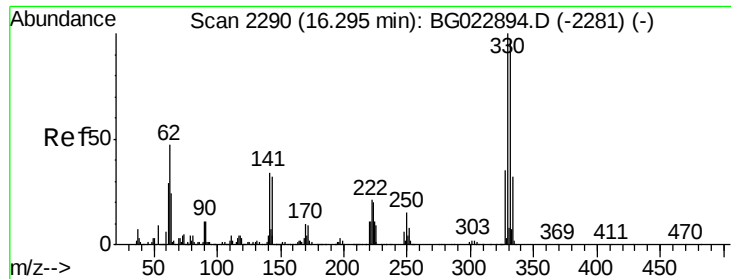
Tot Ion	82	Resp	727371
Ion Ratio	Lower	Upper	
82	100		
128	32.9	24.4	36.6
54	50.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023055.D
 Acq: 13 Jul 2016 4:08

Tgt Ion	164	Resp	345277
Ion Ratio	Lower	Upper	
164	100		
162	101.9	87.7	131.5
160	47.3	37.2	55.8

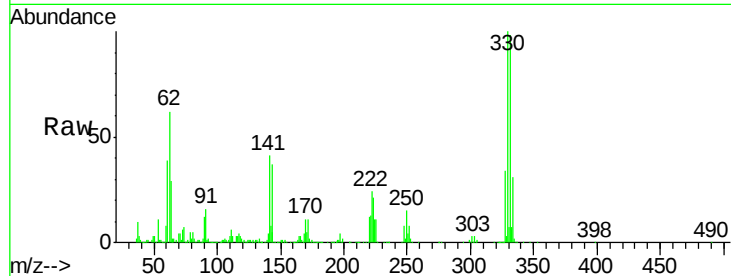




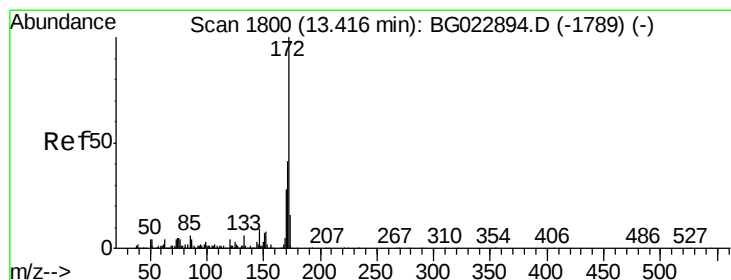
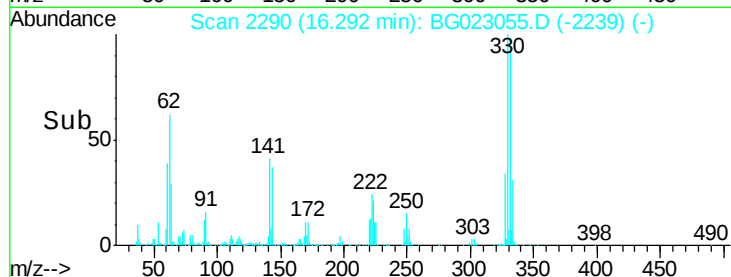
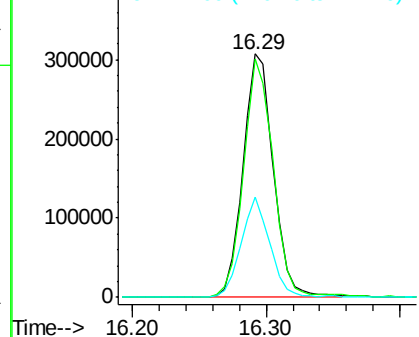
#41
 2,4,6-Tribromophenol
 Concen: 77.17 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023055.D
 Acq: 13 Jul 2016 4:08

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)

Tot Ion:330 Resp: 478847
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 39.7 31.7 47.5

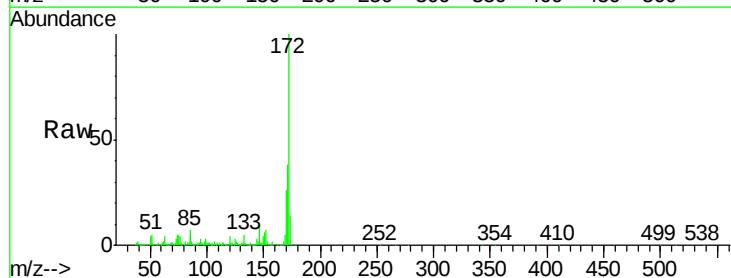


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

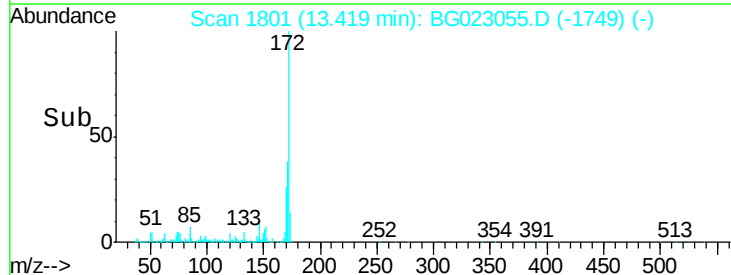
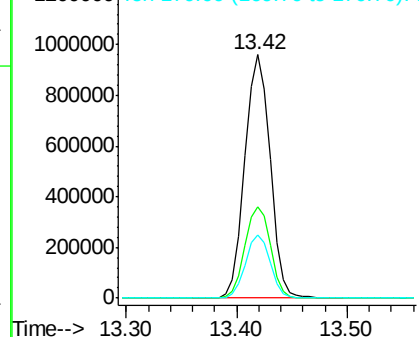


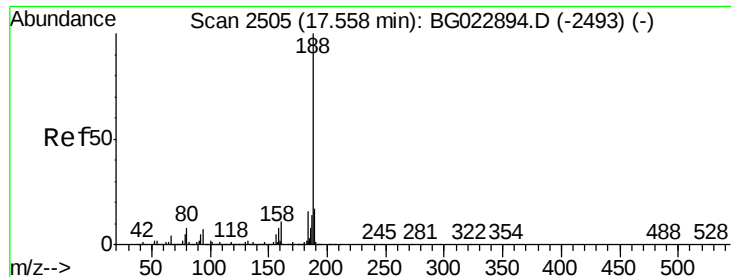
#44
 2-Fluorobiphenyl
 Concen: 70.99 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023055.D
 Acq: 13 Jul 2016 4:08

Tgt Ion:172 Resp: 1556193
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.6 47.4
 170 25.8 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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023055.D

Acq: 13 Jul 2016 4:08

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)

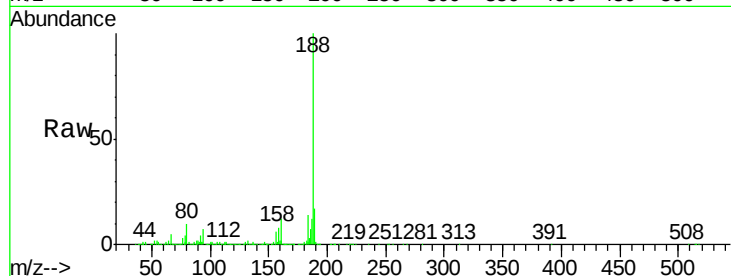
Tot Ion:188 Resp: 776332

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

80 9.6 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

600000

500000

400000

300000

200000

100000

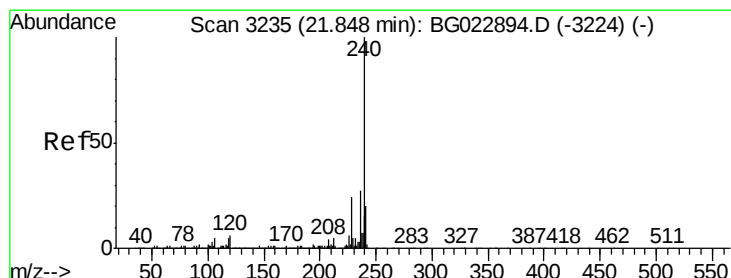
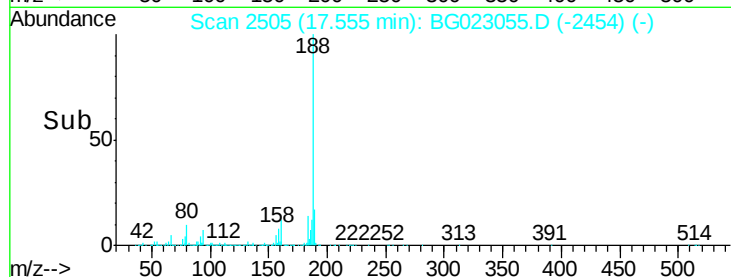
0

17.56

17.50

17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023055.D

Acq: 13 Jul 2016 4:08

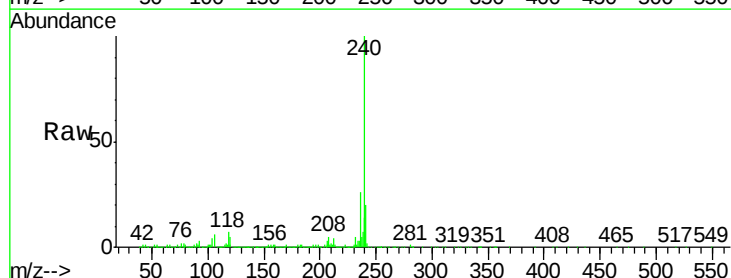
Tgt Ion:240 Resp: 880825

Ion Ratio Lower Upper

240 100

120 5.1 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

600000

400000

200000

0

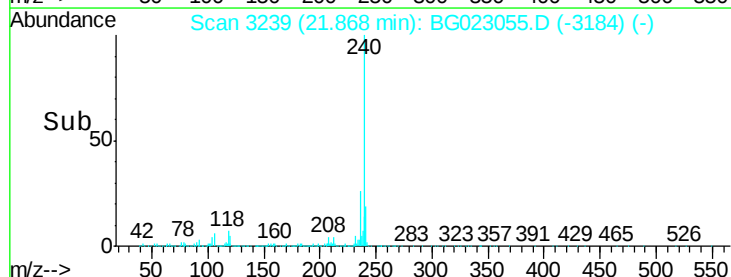
21.87

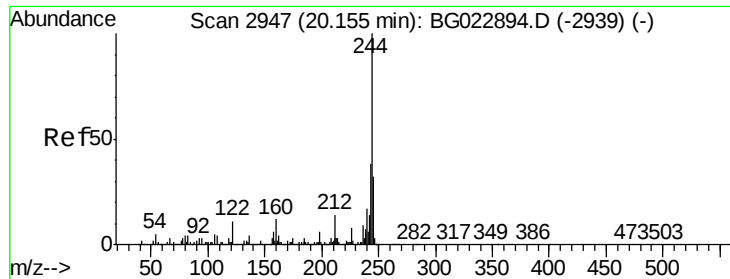
21.80

21.90

22.00

Time-->





#78

Terphenyl-d14

Concen: 80.12 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023055.D

Acq: 13 Jul 2016 4:08

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)

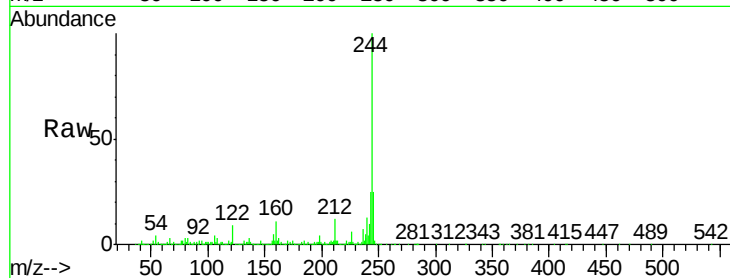
Tot Ion:244 Resp: 2274138

Ion Ratio Lower Upper

244 100

212 11.9 10.8 16.2

122 9.4 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

2000000

1500000

1000000

500000

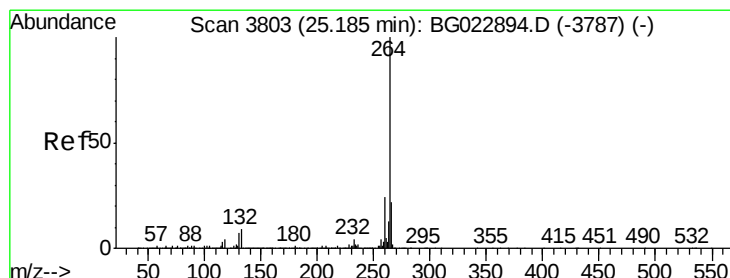
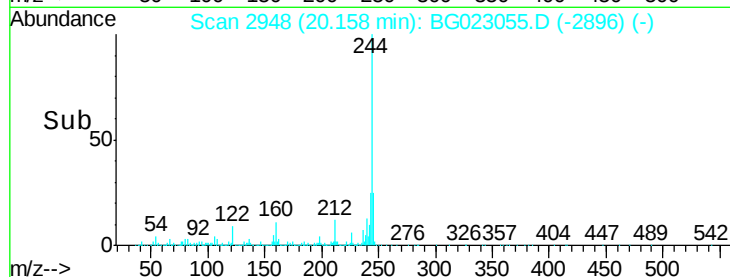
0

20.16

20.10

20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3814

Delta R.T. 0.06 min

Lab File: BG023055.D

Acq: 13 Jul 2016 4:08

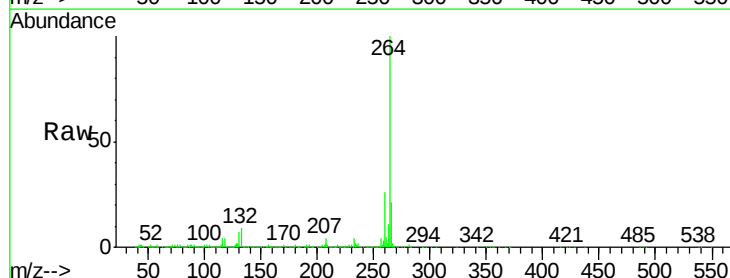
Tgt Ion:264 Resp: 898765

Ion Ratio Lower Upper

264 100

260 25.6 18.4 27.6

265 21.1 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

400000

300000

200000

100000

0

25.25

25.10

25.20

25.30

25.40

Time-->

