

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023009.D
 Acq On : 11 Jul 2016 20:38
 Operator : UM/SJ
 Sample : H3951-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB01

Quant Time: Jul 12 03:52:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	102906	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	492324	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	393709	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	911053	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1023871	20.00	ng	0.02
86) Perylene-d12	25.25	264	1011151	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	368599	58.58	ng	0.00
7) Phenol-d6	7.30	99	373337	37.88	ng	0.00
23) Nitrobenzene-d5	9.32	82	1043756	90.78	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	784810	110.91	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2177240	87.11	ng	0.00
78) Terphenyl-d14	20.16	244	3091709	104.54	ng	0.00

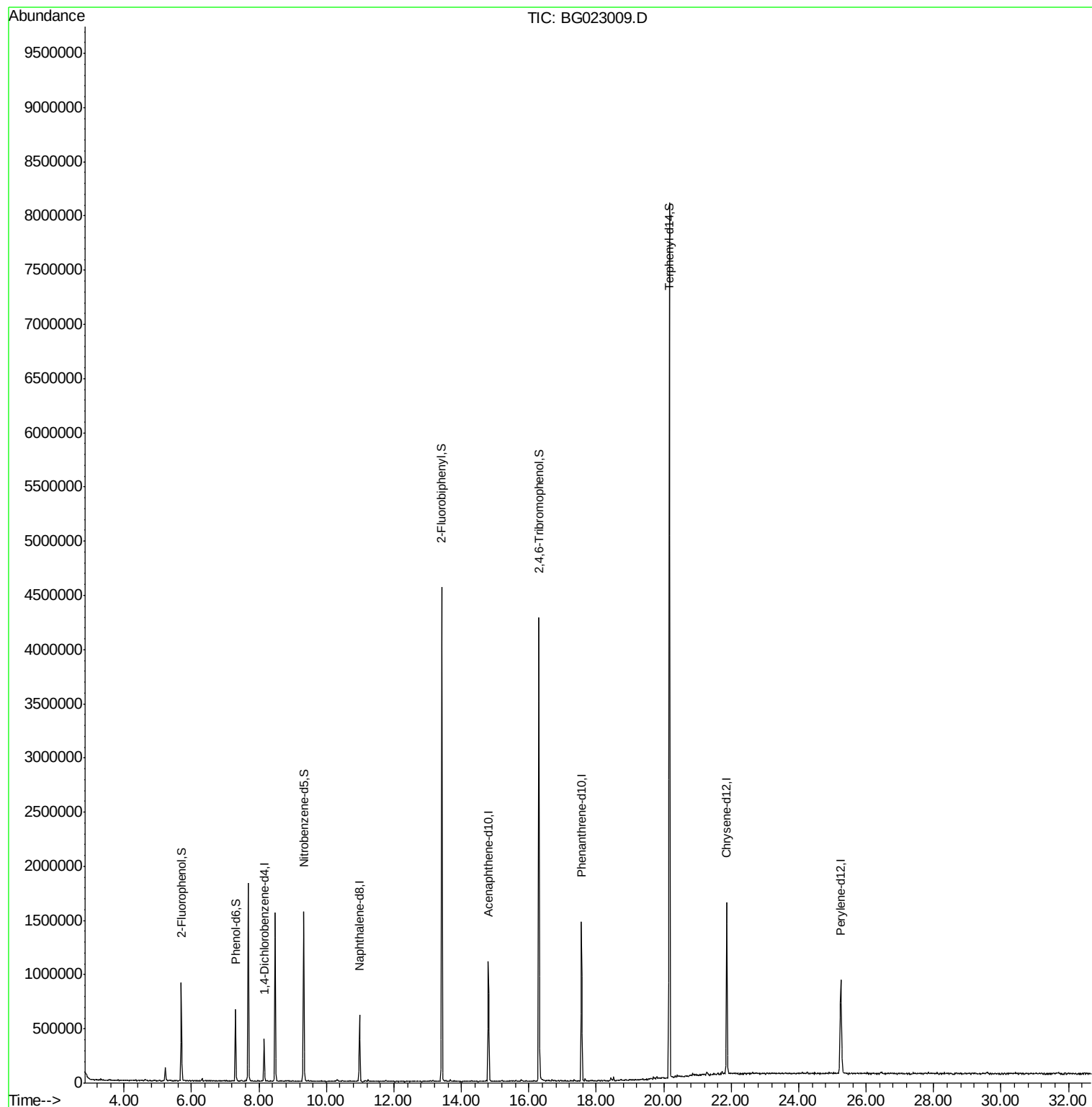
Target Compounds Qvalue

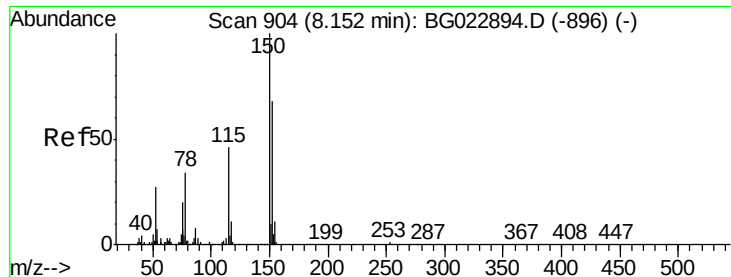
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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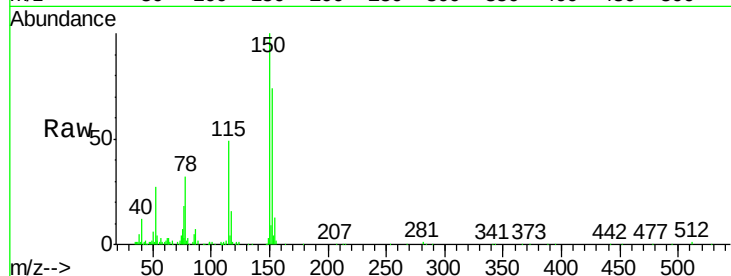


#1

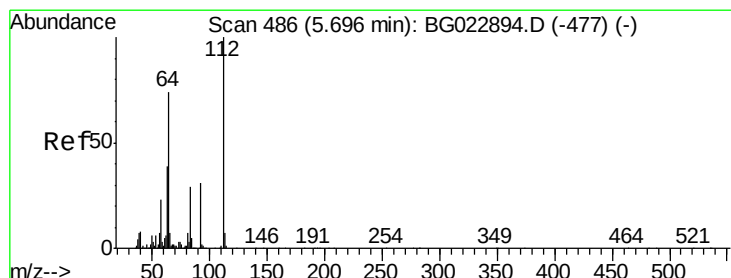
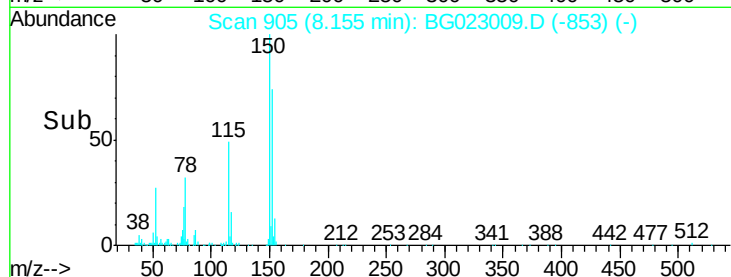
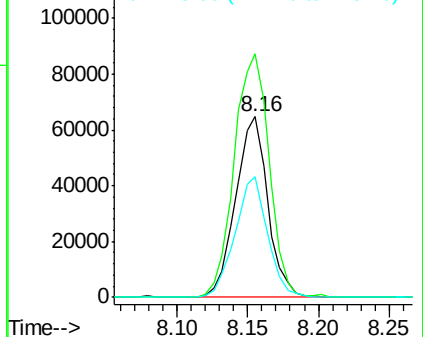
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023009.D
Acq: 11 Jul 2016 20:38

Instrument :
BNA_G
ClientSampleId :
LSS-EB01

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.9	144.7	217.1#
115	66.6	64.0	96.0



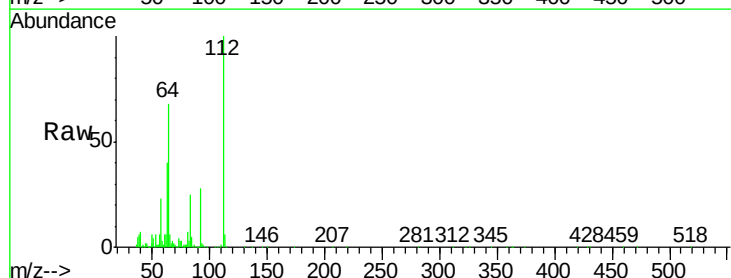
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



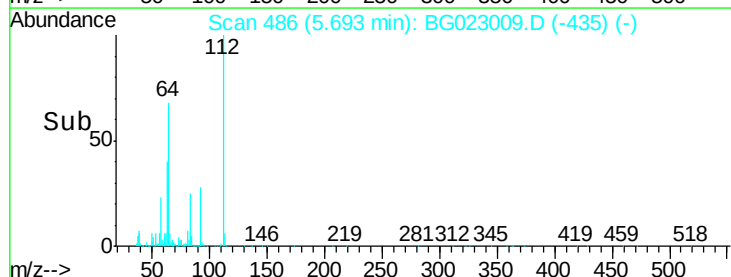
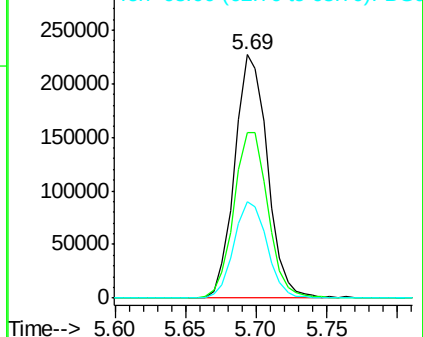
#5

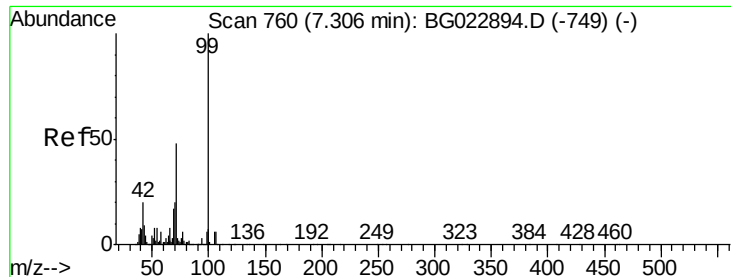
2-Fluorophenol
Concen: 58.58 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG023009.D
Acq: 11 Jul 2016 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	59.0	88.4
63	39.8	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: 37.88 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Instrument :

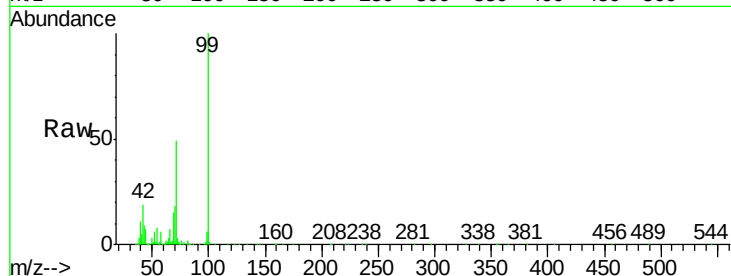
BNA_G

ClientSampleId :

LSS-EB01

Tot Ion: 99 Resp: 373337

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.6
71	49.0	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

300000

250000

200000

150000

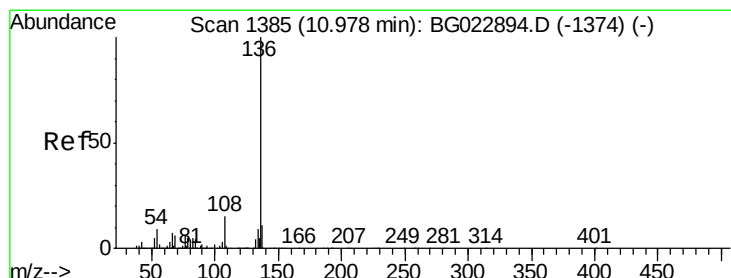
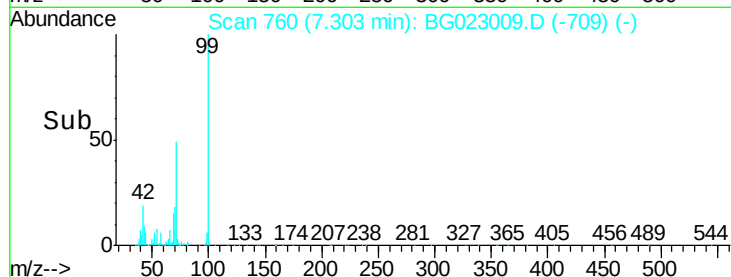
100000

50000

0

7.20 7.30 7.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

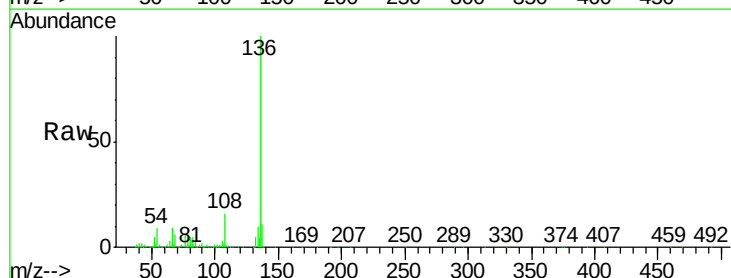
Delta R.T. 0.00 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Tgt Ion: 136 Resp: 492324

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.2	7.3	10.9
68	6.4	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

400000

300000

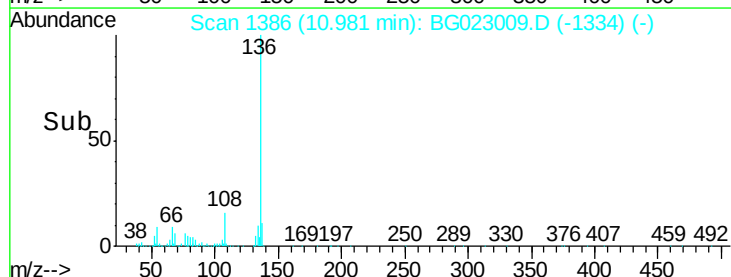
200000

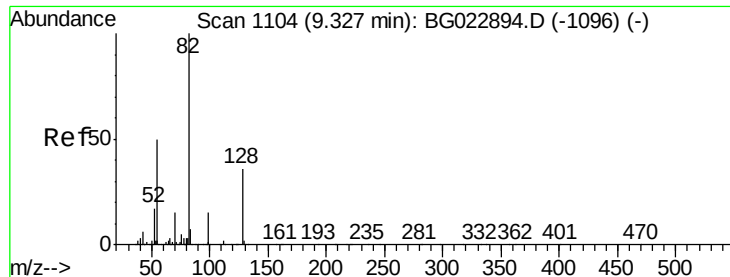
100000

0

10.90 11.00 11.10

Time-->

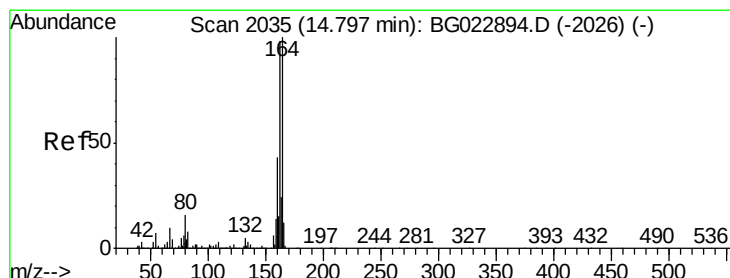
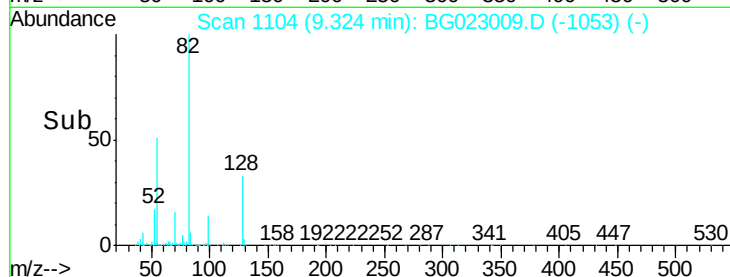
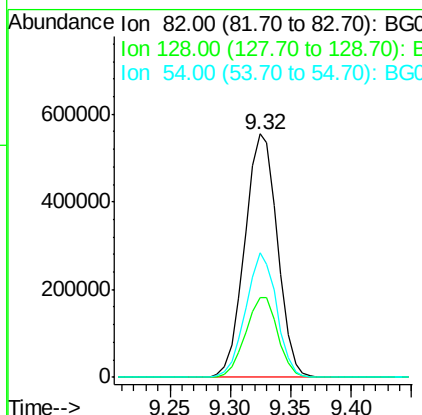
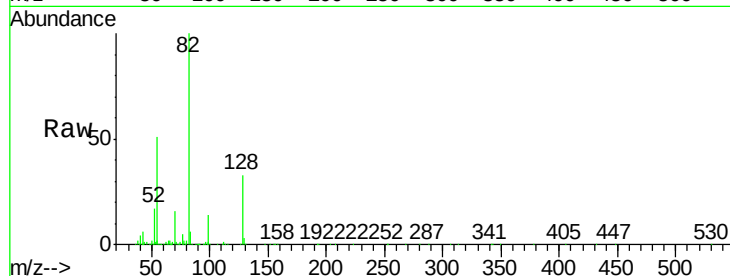




#23
 Nitrobenzene-d5
 Concen: 90.78 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023009.D
 Acq: 11 Jul 2016 20:38

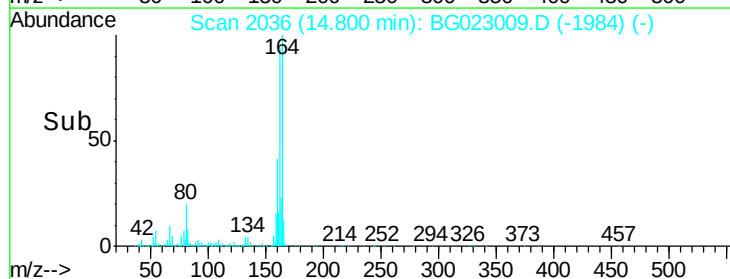
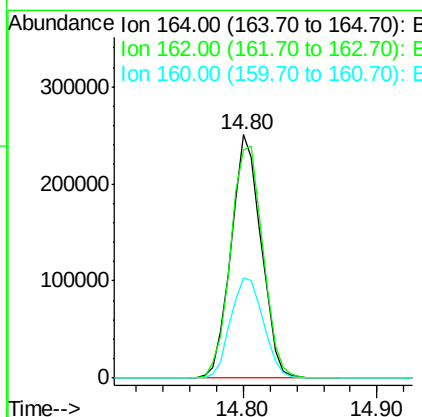
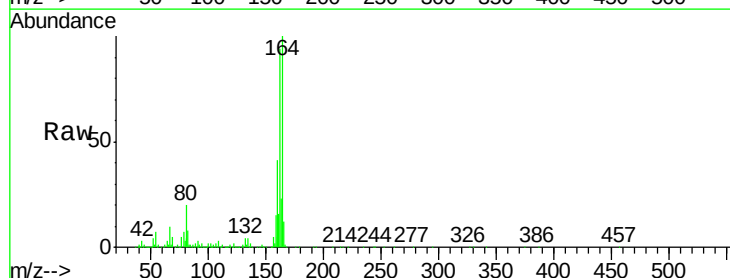
Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB01

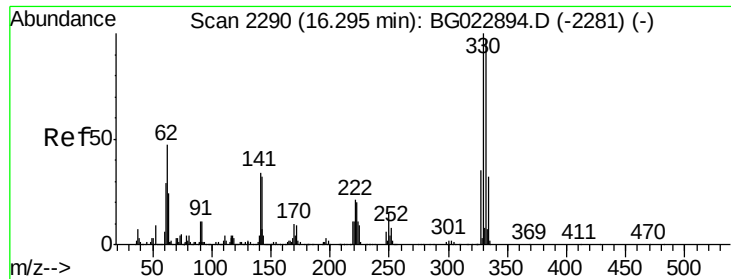
Tot Ion: 82 Resp: 1043756
 Ion Ratio Lower Upper
 82 100
 128 32.8 24.4 36.6
 54 51.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023009.D
 Acq: 11 Jul 2016 20:38

Tgt Ion: 164 Resp: 393709
 Ion Ratio Lower Upper
 164 100
 162 93.6 87.7 131.5
 160 41.2 37.2 55.8

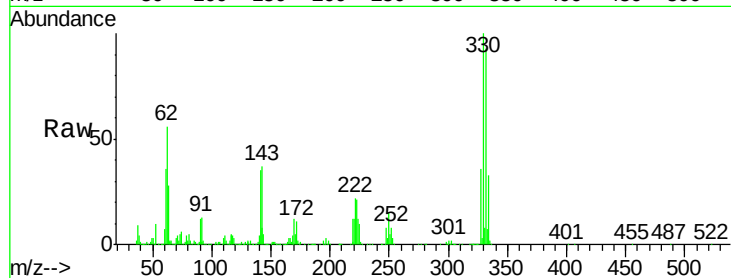




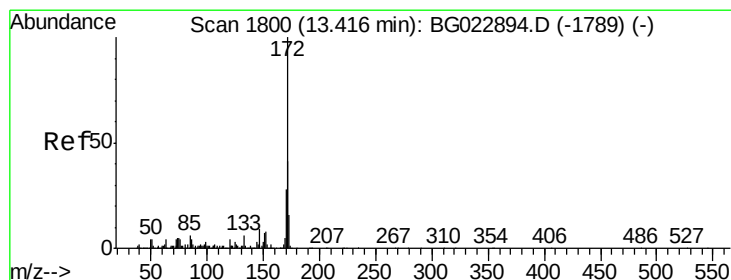
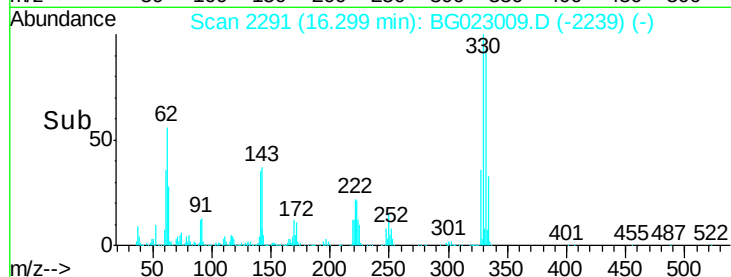
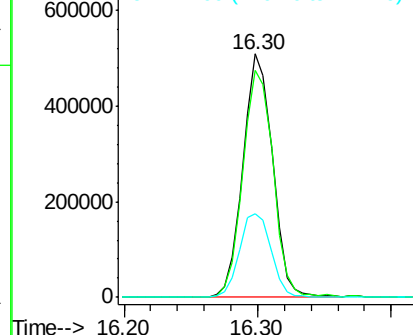
#41
 2,4,6-Tribromophenol
 Concen: 110.91 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023009.D
 Acq: 11 Jul 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB01

Tot Ion:330 Resp: 784810
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 36.7 31.7 47.5

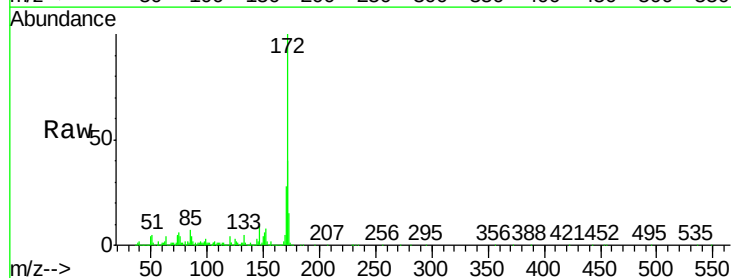


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

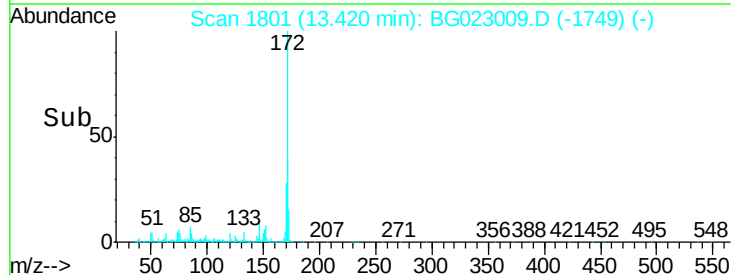
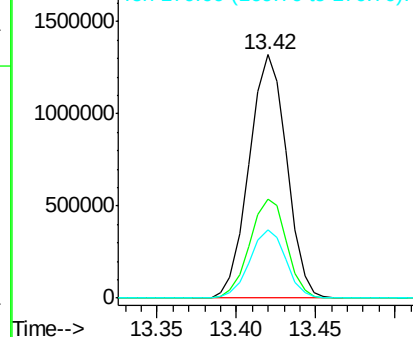


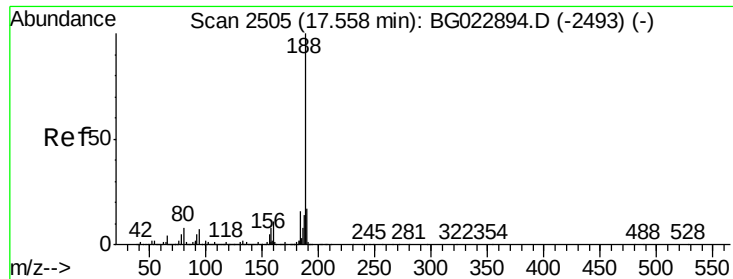
#44
 2-Fluorobiphenyl
 Concen: 87.11 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023009.D
 Acq: 11 Jul 2016 20:38

Tgt Ion:172 Resp: 2177240
 Ion Ratio Lower Upper
 172 100
 171 40.4 31.6 47.4
 170 27.8 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

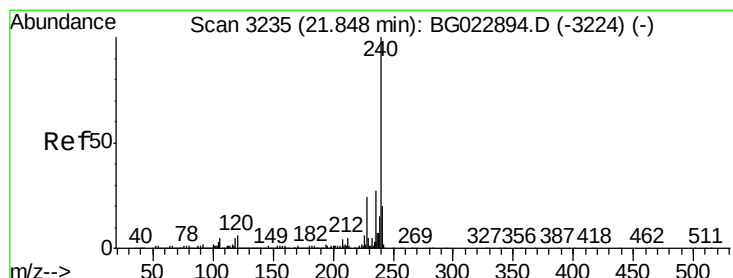
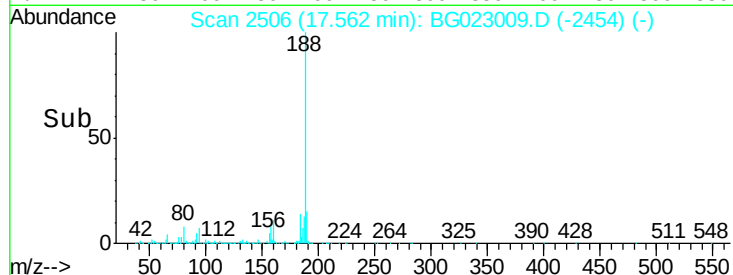
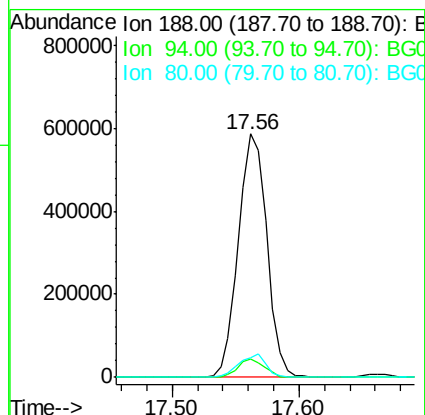
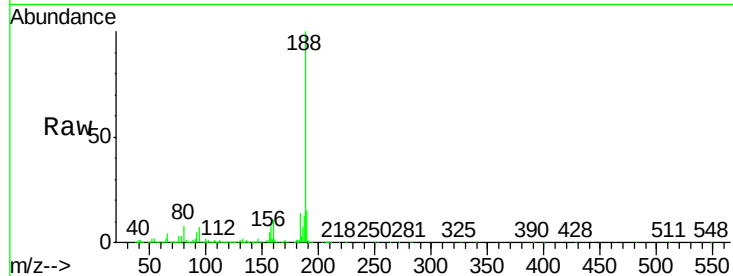




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023009.D
Acq: 11 Jul 2016 20:38

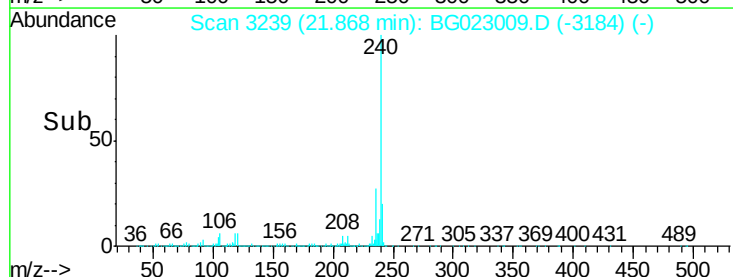
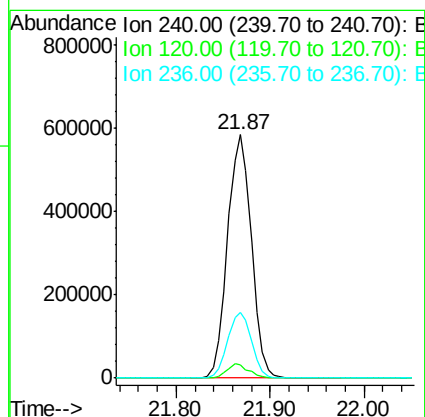
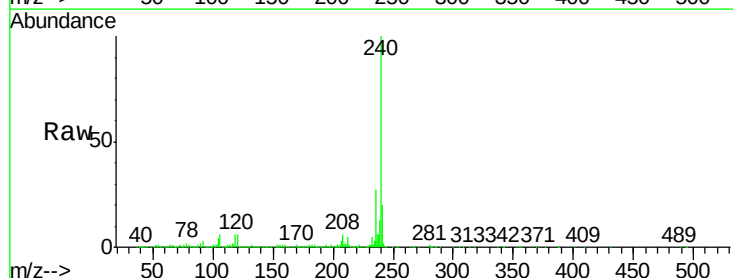
Instrument :
BNA_G
ClientSampleId :
LSS-EB01

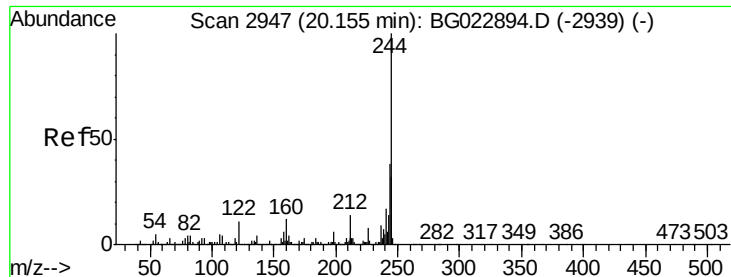
Tot Ion:188 Resp: 911053
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.1 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023009.D
Acq: 11 Jul 2016 20:38

Tgt Ion:240 Resp: 1023871
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 26.9 21.1 31.7





#78

Terphenyl-d14

Concen: 104.54 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Instrument :

BNA_G

ClientSampleId :

LSS-EB01

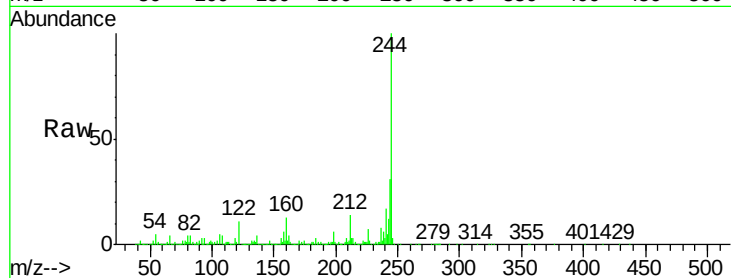
Tot Ion:244 Resp: 3091709

Ion Ratio Lower Upper

244 100

212 14.1 10.8 16.2

122 11.0 8.0 12.0

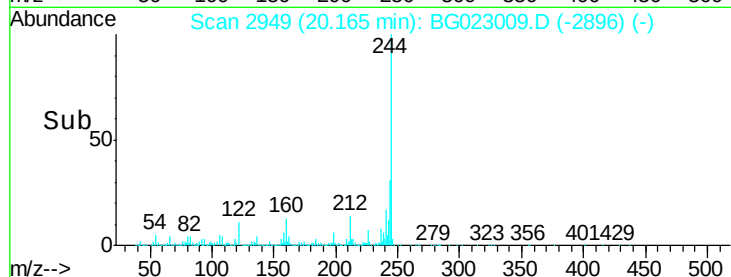


Abundance Ion 244.00 (243.70 to 244.70): E

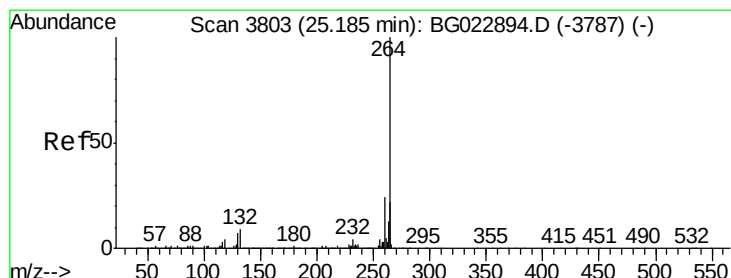
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3814

Delta R.T. 0.06 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

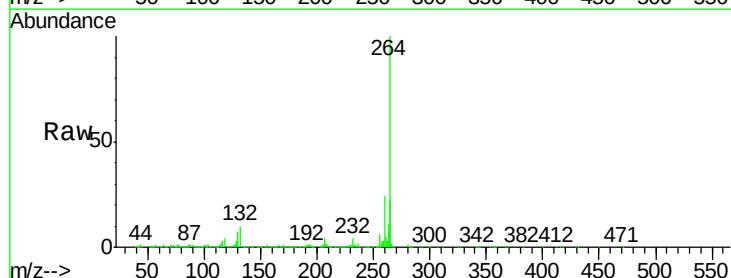
Tgt Ion:264 Resp: 1011151

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.5 18.9 28.3

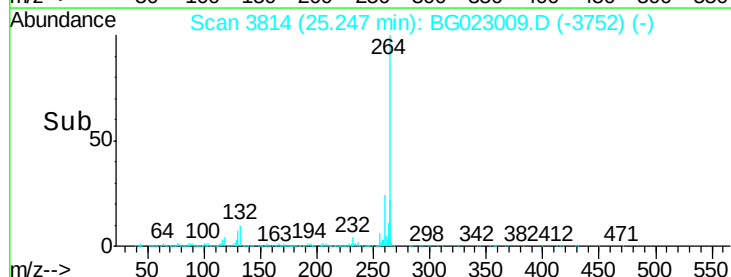


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->