

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022937.D
 Acq On : 8 Jul 2016 19:25
 Operator : UM/SJ
 Sample : H3853-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-EB-2016-3

Quant Time: Jul 09 00:24:56 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	8.15	152	105697	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	483460	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	384415	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	995672	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1057140	20.00	ng	0.00
86) Perylene-d12	25.19	264	1064389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	353524	54.70	ng	0.00
7) Phenol-d6	7.31	99	345143	34.10	ng	0.00
23) Nitrobenzene-d5	9.32	82	975859	86.43	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	894461	129.47	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2128640	87.22	ng	0.00
78) Terphenyl-d14	20.15	244	3057833	96.65	ng	0.00

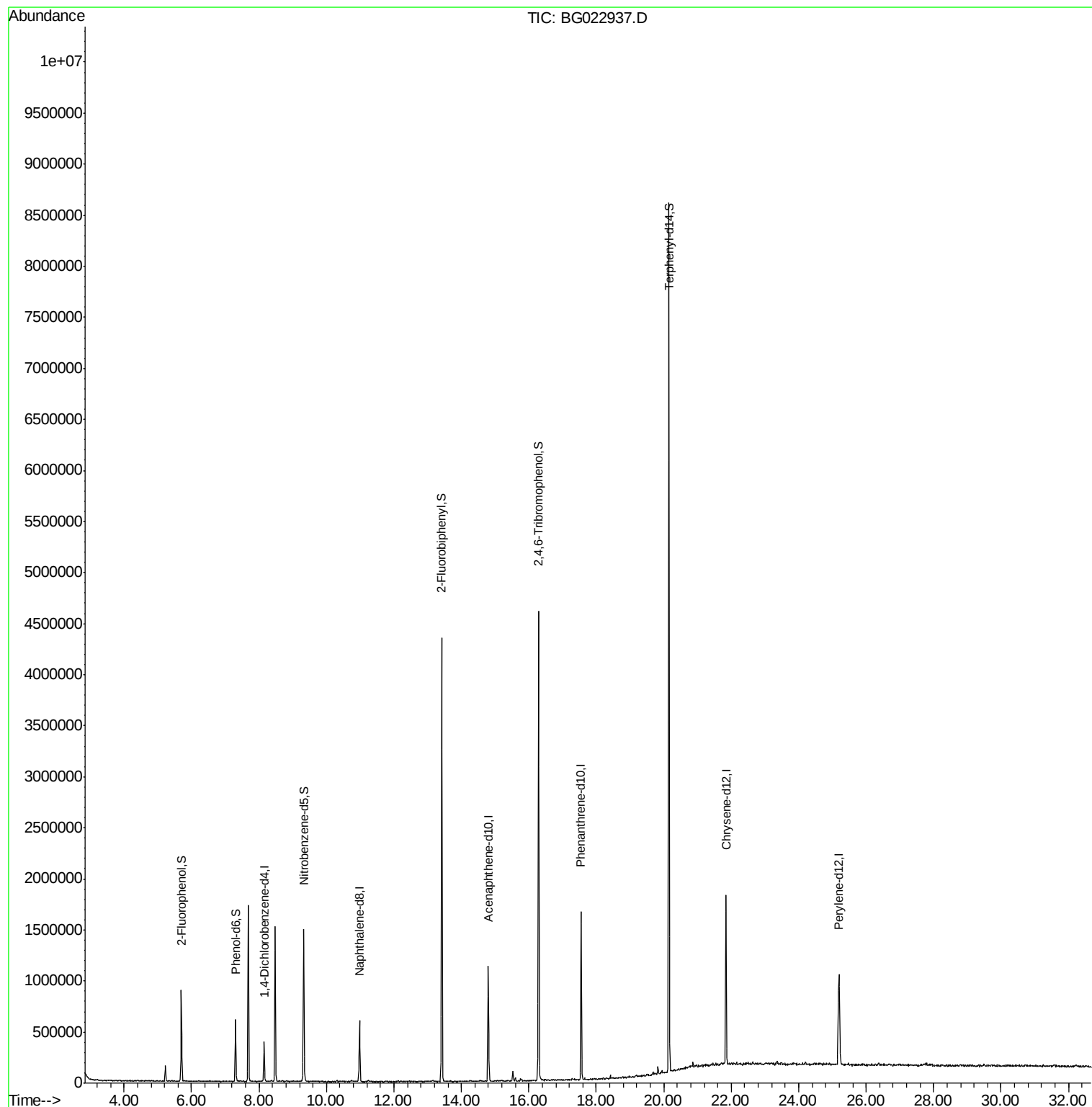
Target Compounds Qvalue

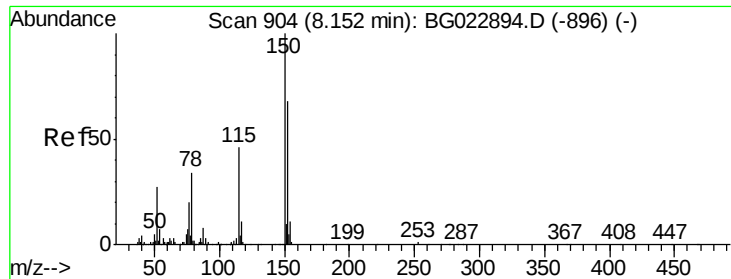
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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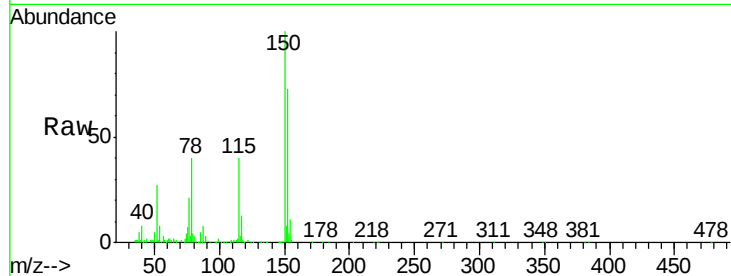


#1

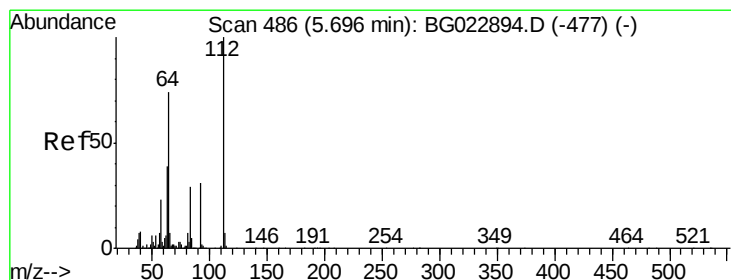
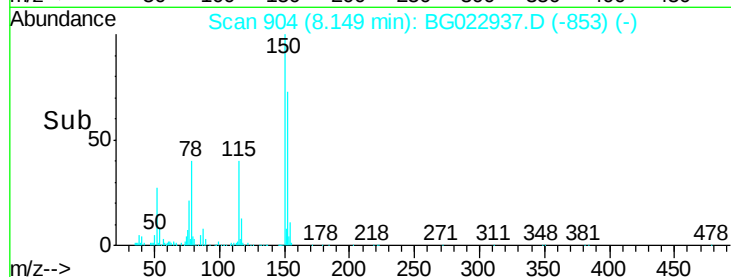
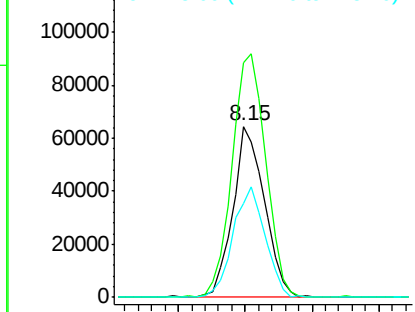
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022937.D
Acq: 8 Jul 2016 19:25

Instrument :
BNA_G
ClientSampleId :
S8-EB-2016-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.7	144.7	217.1#
115	54.7	64.0	96.0#



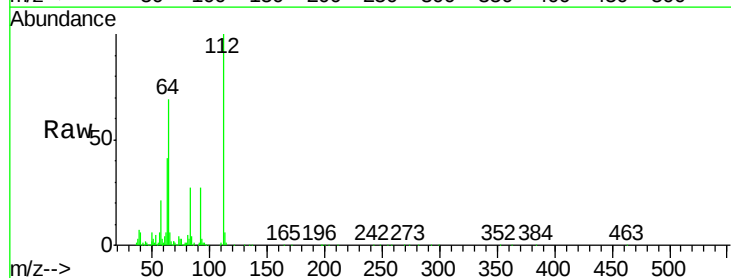
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



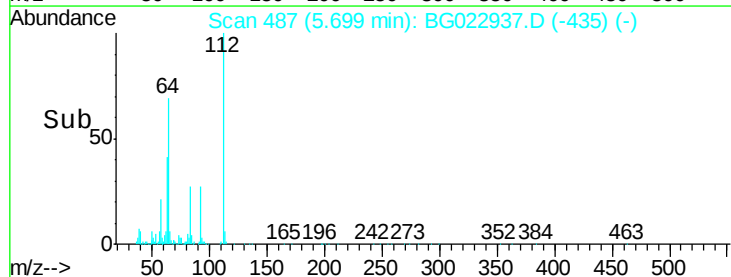
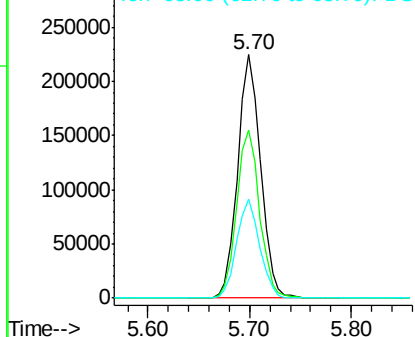
#5

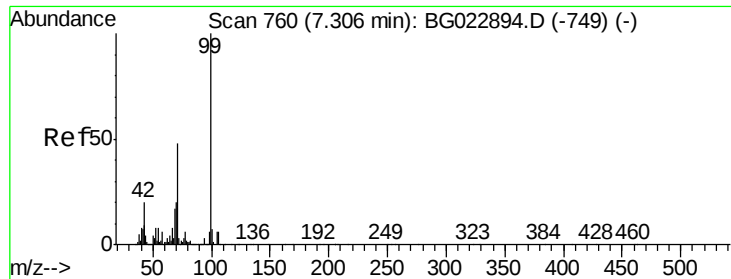
2-Fluorophenol
Concen: 54.70 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022937.D
Acq: 8 Jul 2016 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	59.0	88.4
63	40.7	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 34.10 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

S8-EB-2016-3

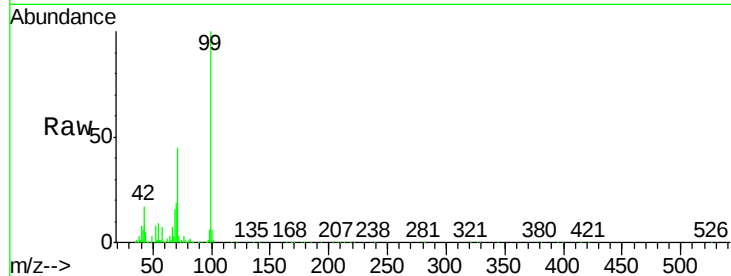
Tot Ion: 99 Resp: 345143

Ion Ratio Lower Upper

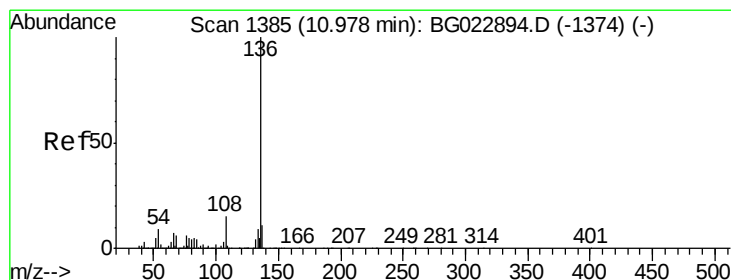
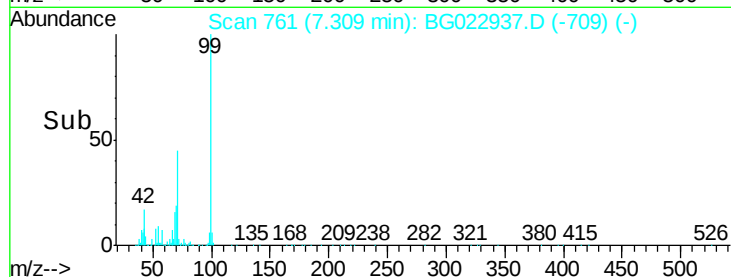
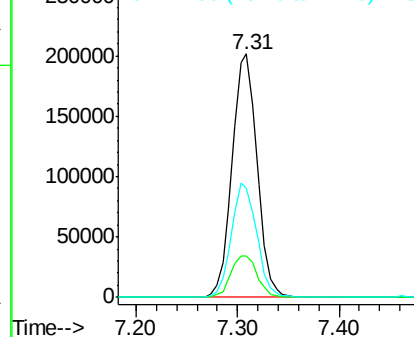
99 100

42 17.1 17.8 26.6#

71 45.1 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: BG022937.D

Acq: 8 Jul 2016 19:25

Tgt Ion: 136 Resp: 483460

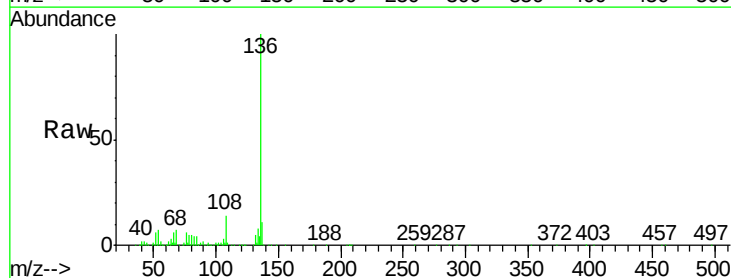
Ion Ratio Lower Upper

136 100

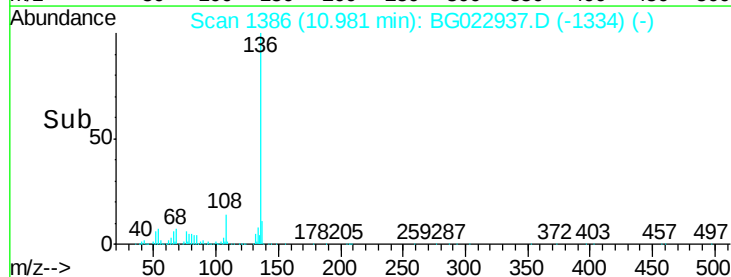
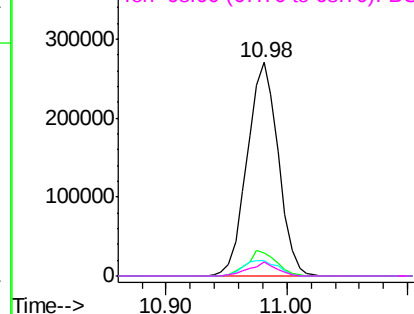
137 10.7 9.6 14.4

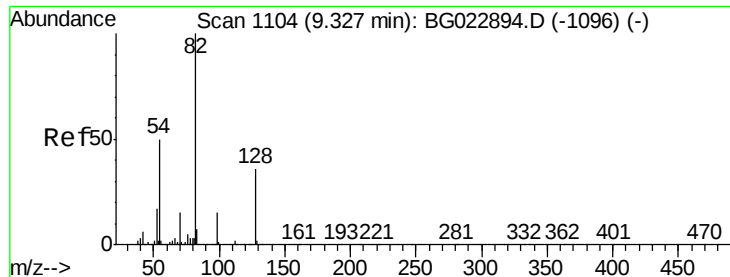
54 7.0 7.3 10.9#

68 6.8 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

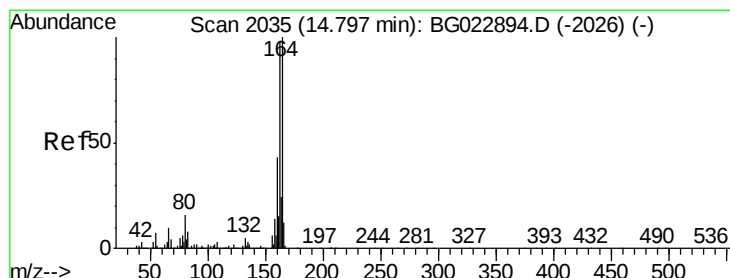
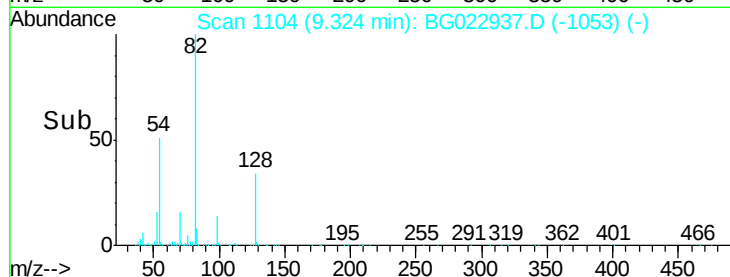
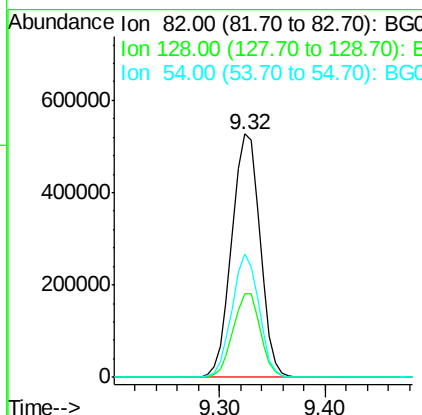
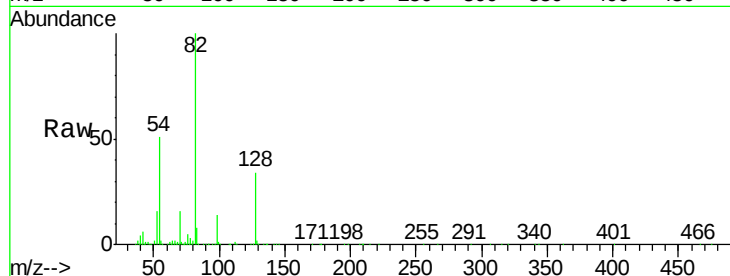




#23
Nitrobenzene-d5
Concen: 86.43 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022937.D
Acq: 8 Jul 2016 19:25

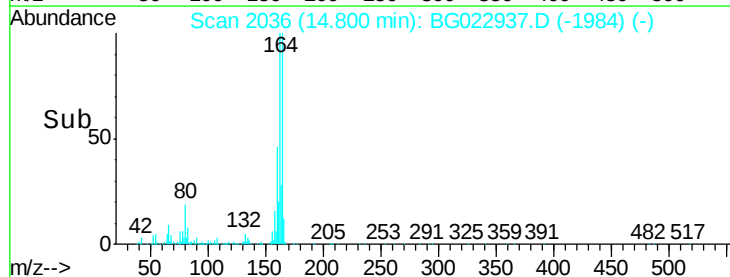
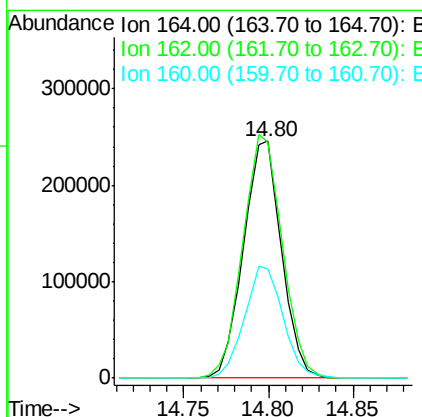
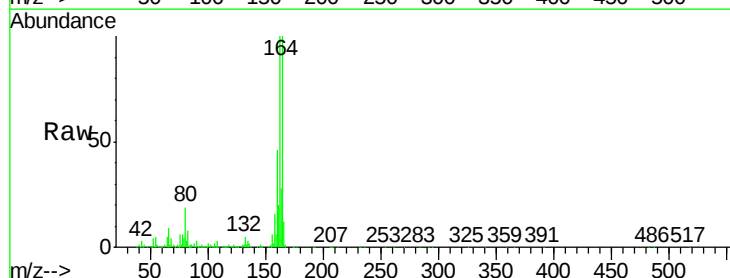
Instrument :
BNA_G
ClientSampleId :
S8-EB-2016-3

Tot Ion	82	Resp	975859
Ion Ratio	Lower	Upper	
82	100		
128	34.1	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: BG022937.D
Acq: 8 Jul 2016 19:25

Tgt Ion	164	Resp	384415
Ion Ratio	Lower	Upper	
164	100		
162	99.7	87.7	131.5
160	46.3	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 129.47 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

S8-EB-2016-3

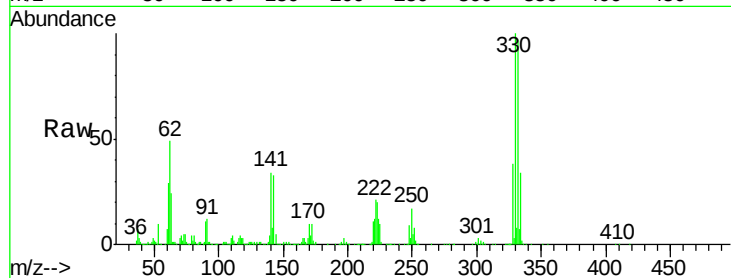
Tot Ion:330 Resp: 894461

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

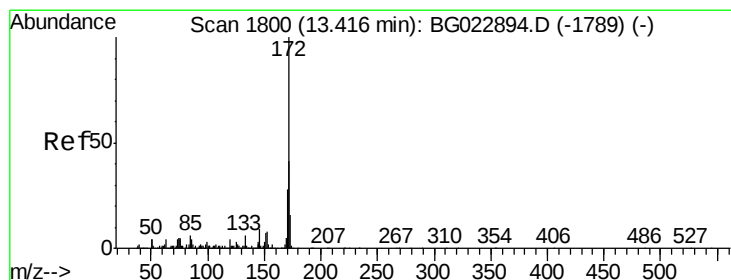
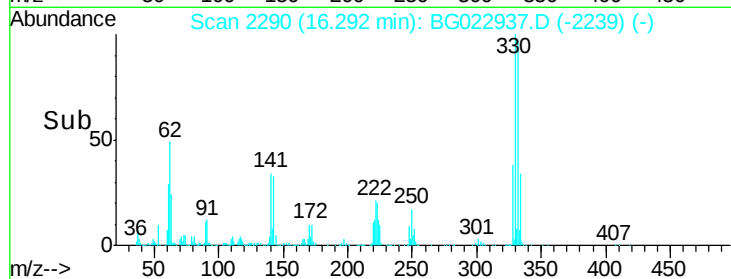
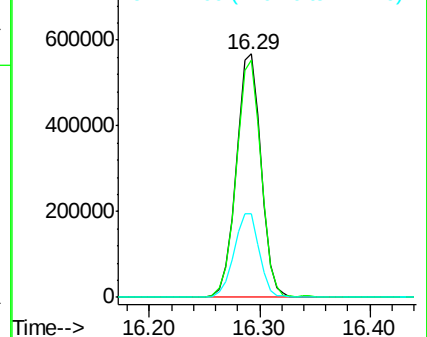
141 35.1 31.7 47.5



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: 87.22 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

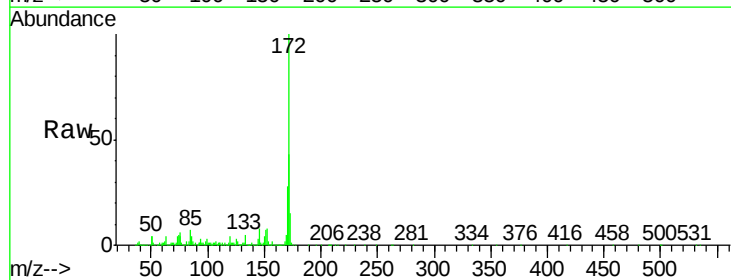
Tgt Ion:172 Resp: 2128640

Ion Ratio Lower Upper

172 100

171 42.8 31.6 47.4

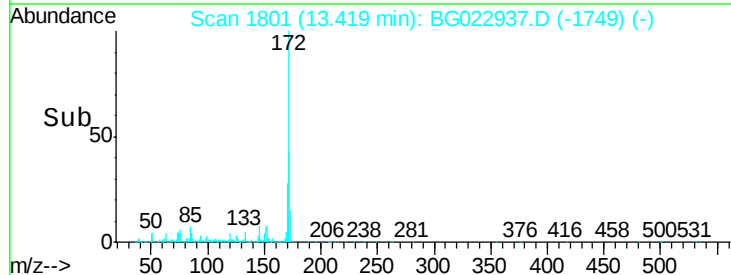
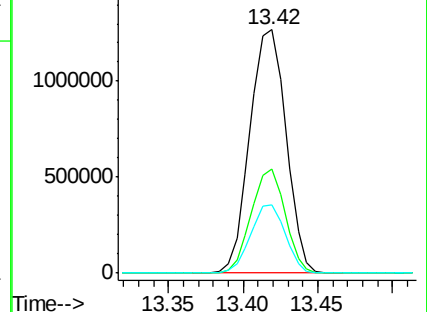
170 28.3 21.3 31.9

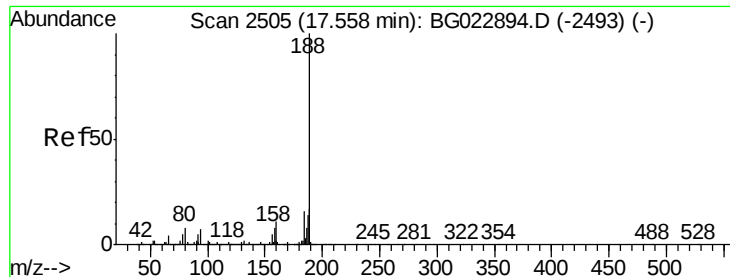


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

S8-EB-2016-3

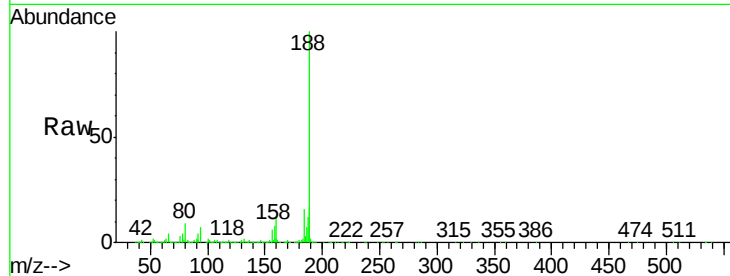
Tot Ion:188 Resp: 995672

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

80 9.2 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

800000

600000

400000

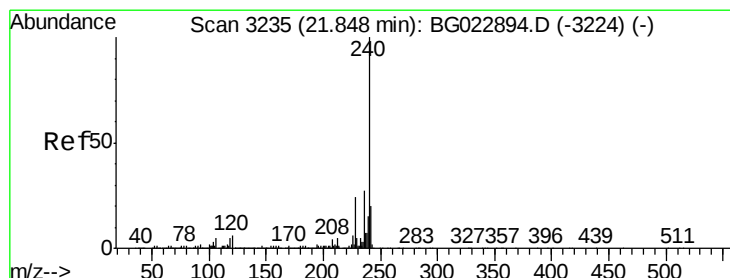
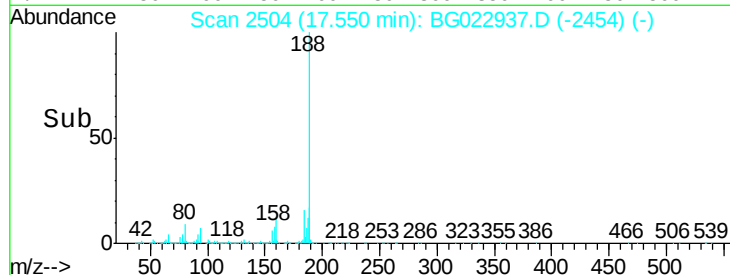
200000

0

17.55

17.56

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

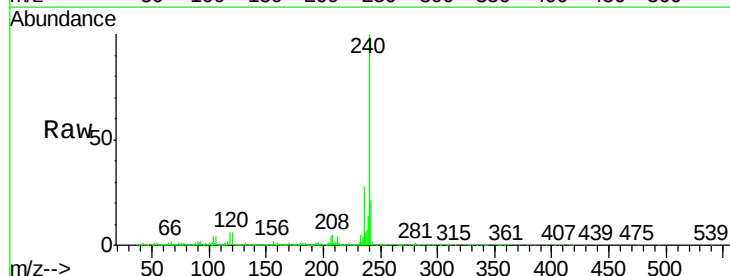
Tgt Ion:240 Resp: 1057140

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

236 28.0 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

800000

600000

400000

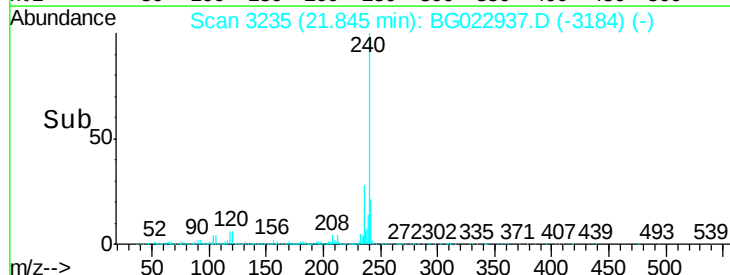
200000

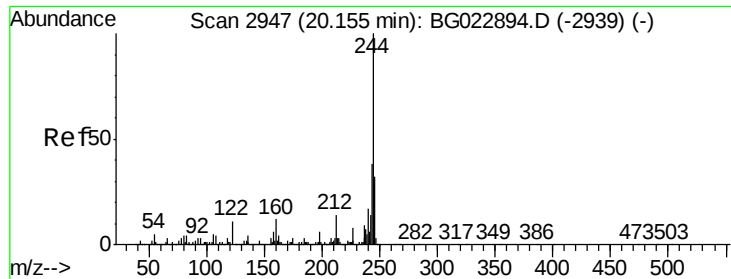
0

21.84

21.90

Time-->





#78

Terphenyl-d14

Concen: 96.65 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

Instrument :

BNA_G

ClientSampleId :

S8-EB-2016-3

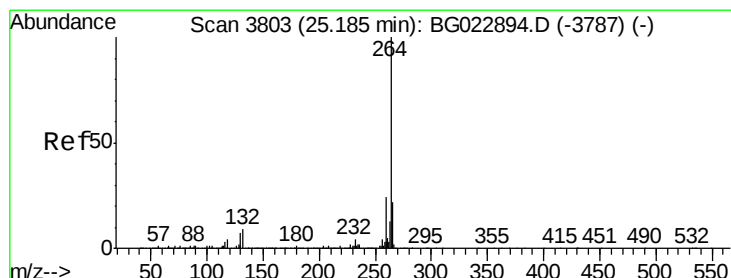
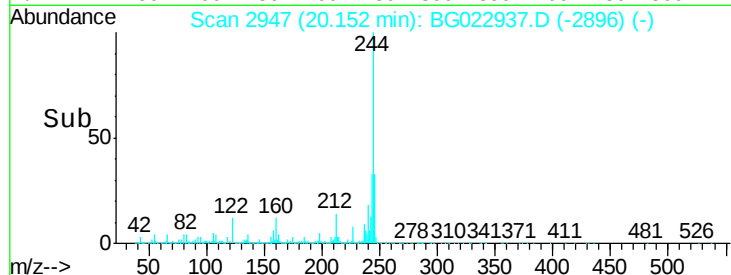
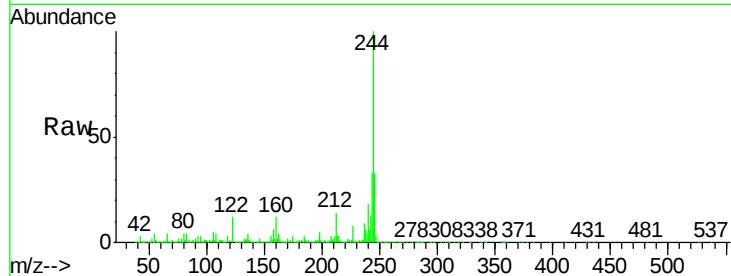
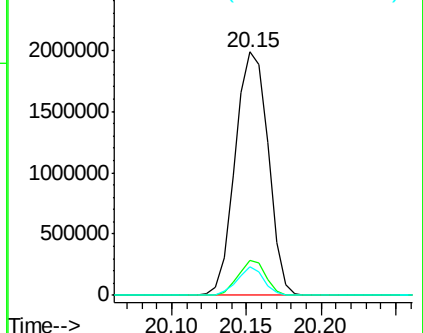
Tot Ion:244 Resp: 3057833

Ion	Ratio	Lower	Upper
244	100		
212	14.3	10.8	16.2
122	11.7	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: 25.19 min Scan# 3805

Delta R.T. 0.01 min

Lab File: BG022937.D

Acq: 8 Jul 2016 19:25

Tgt Ion:264 Resp: 1064389

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.8	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

