

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071316\
 Data File : BG023074.D
 Acq On : 13 Jul 2016 17:50
 Operator : UM/SJ
 Sample : H3953-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 14 00:59:42 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	123164	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	563727	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	435128	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1045655	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1100003	20.00	ng	0.02
86) Perylene-d12	25.26	264	1106012	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	431331	57.28	ng	0.00
7) Phenol-d6	7.31	99	405531	34.38	ng	0.00
23) Nitrobenzene-d5	9.33	82	1170827	88.93	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	931964	119.17	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2356206	85.29	ng	0.00
78) Terphenyl-d14	20.16	244	3210812	98.21	ng	0.00

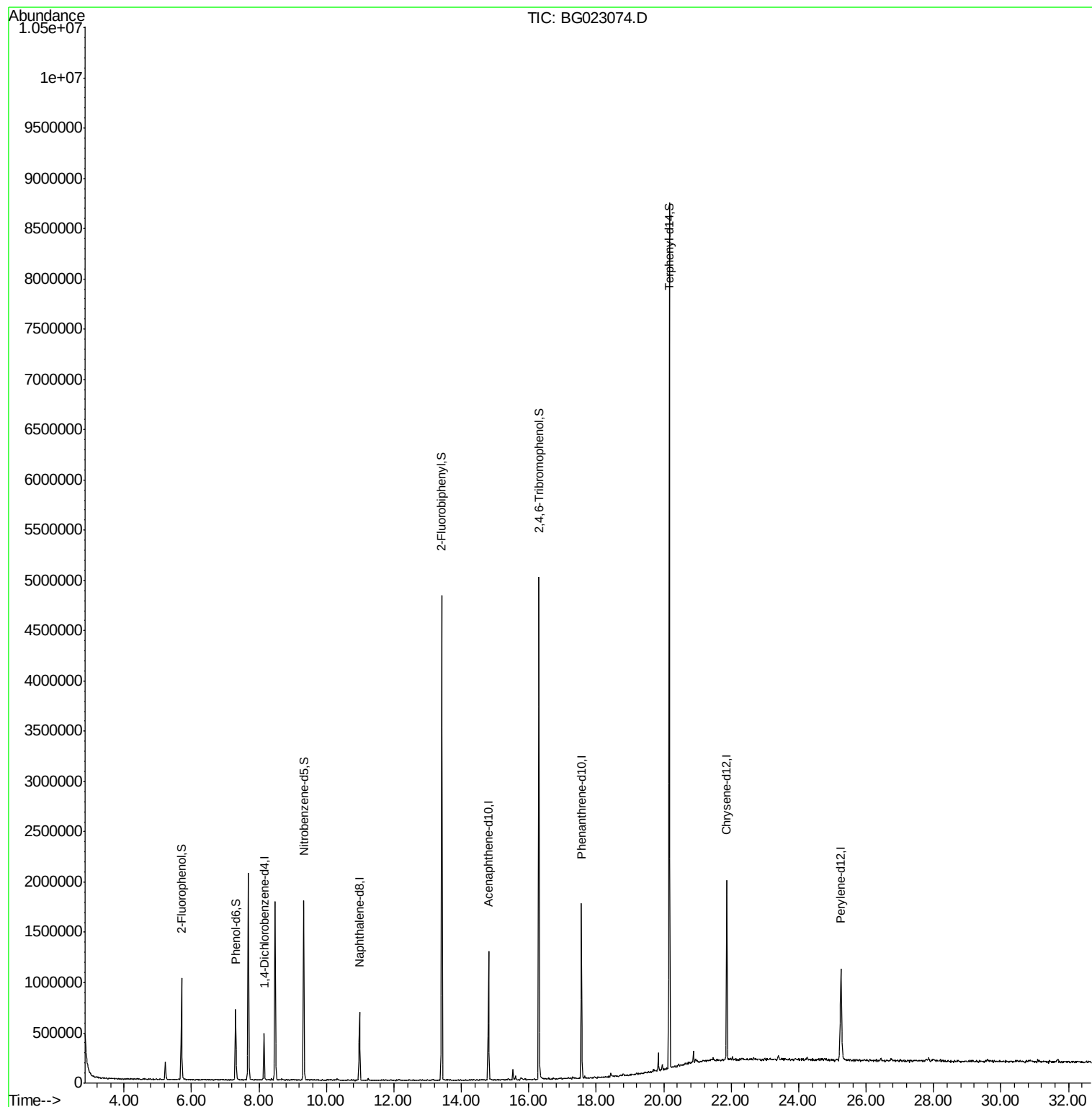
Target Compounds	Qvalue
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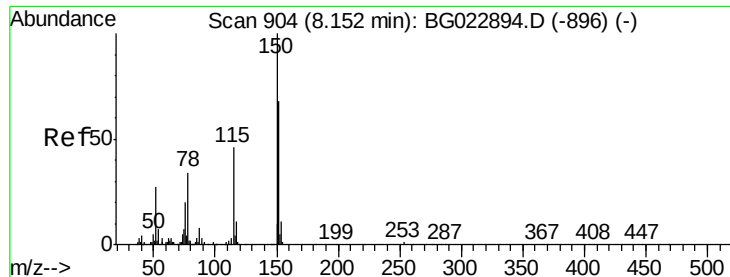
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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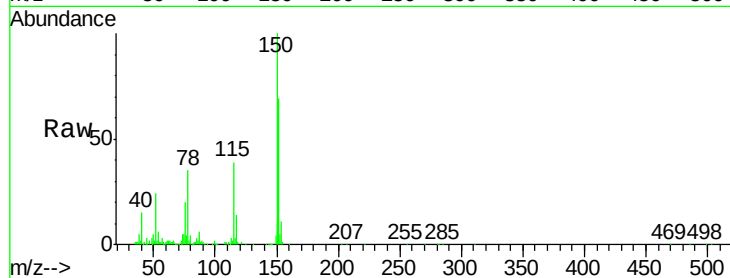


#1

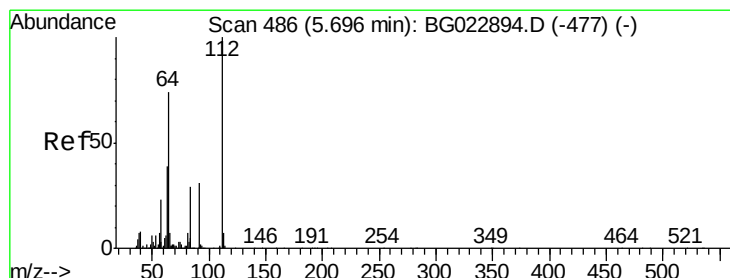
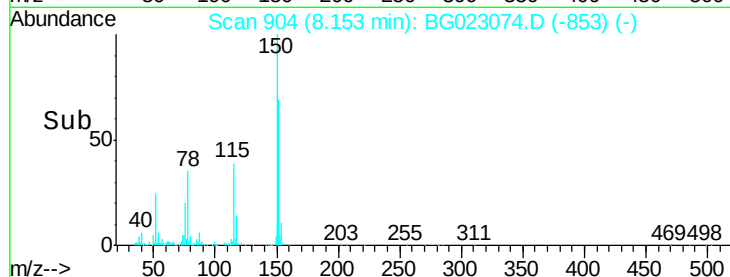
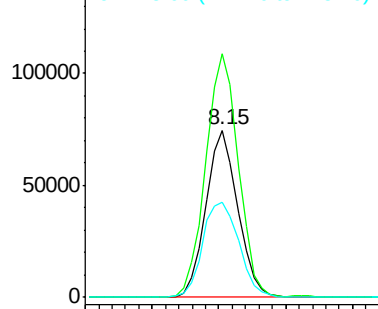
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023074.D
Acq: 13 Jul 2016 17:50

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.4	144.7	217.1
115	56.6	64.0	96.0



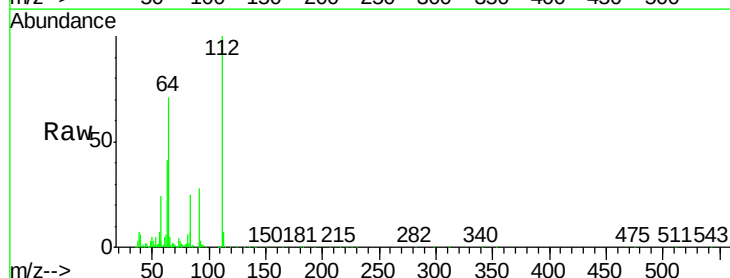
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



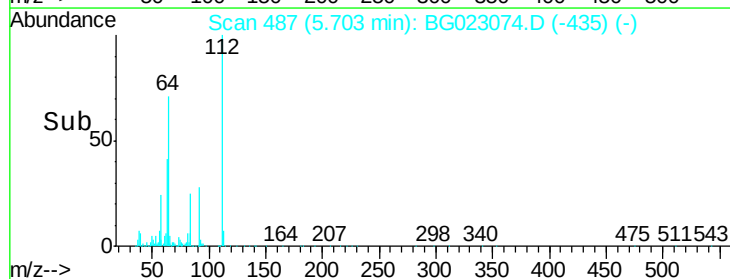
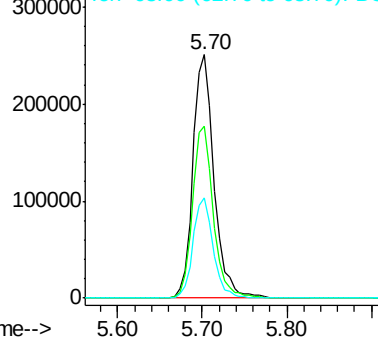
#5

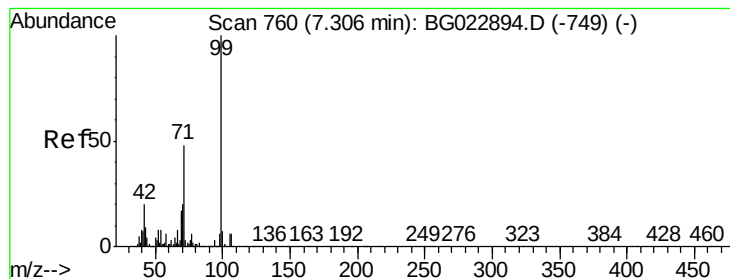
2-Fluorophenol
Concen: 57.28 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG023074.D
Acq: 13 Jul 2016 17:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	59.0	88.4
63	40.9	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: 34.38 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023074.D

Acq: 13 Jul 2016 17:50

Instrument :

BNA_G

ClientSampleId :

S8-EB-2016-3

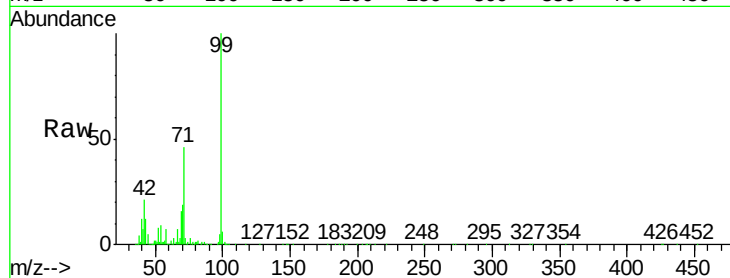
Tgt Ion: 99 Resp: 405531

Ion Ratio Lower Upper

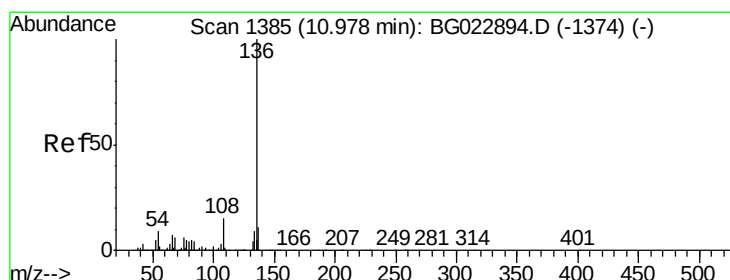
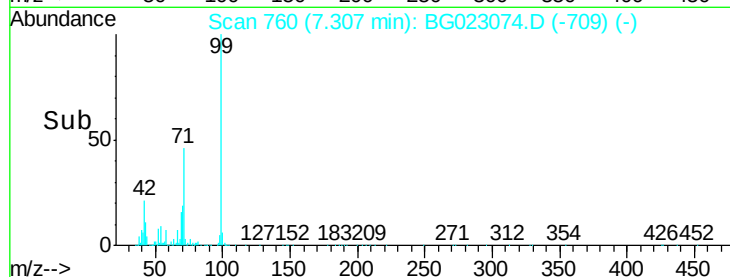
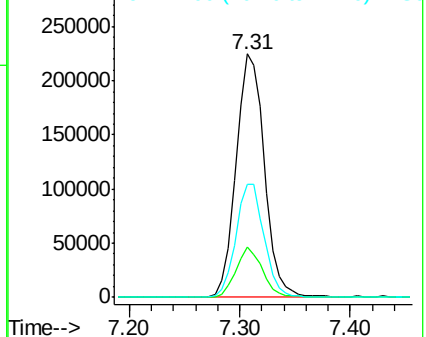
99 100

42 20.7 17.8 26.6

71 46.4 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: BG023074.D

Acq: 13 Jul 2016 17:50

Tgt Ion: 136 Resp: 563727

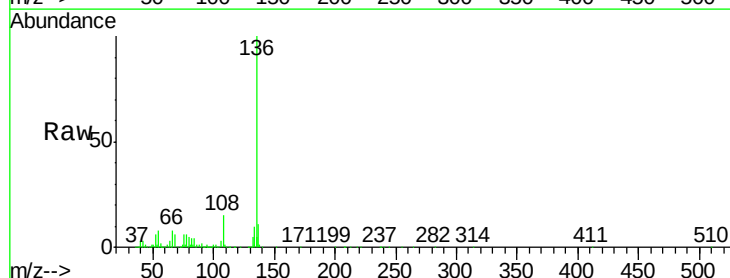
Ion Ratio Lower Upper

136 100

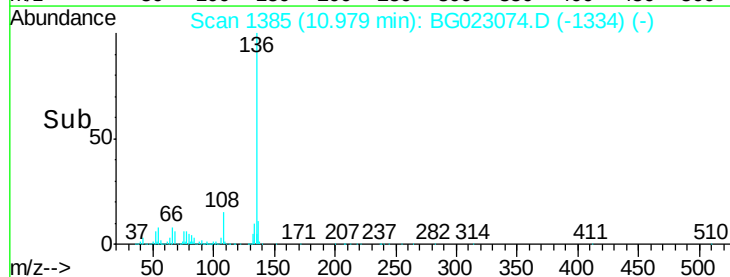
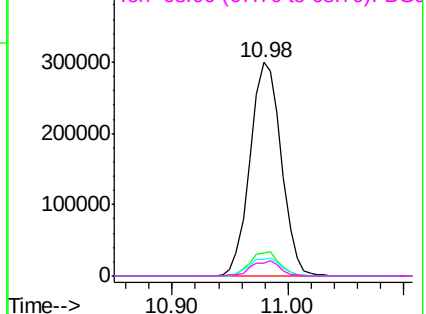
137 10.6 9.6 14.4

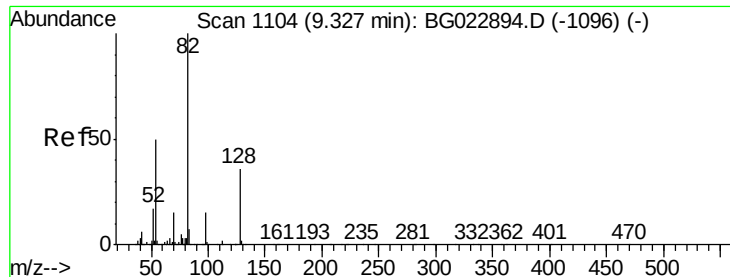
54 8.1 7.3 10.9

68 5.9 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: 88.93 ng

RT: 9.33 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG023074.D

Acq: 13 Jul 2016 17:50

Instrument :

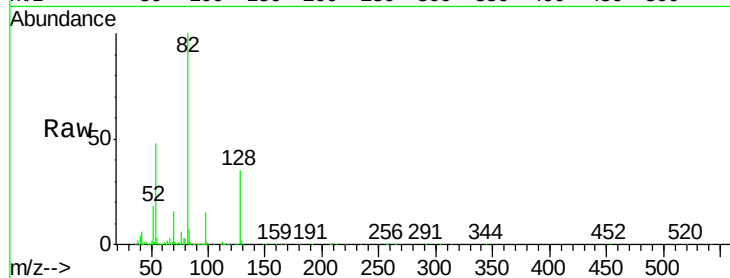
BNA_G

ClientSampleId :

S8-EB-2016-3

Tgt Ion: 82 Resp: 1170827

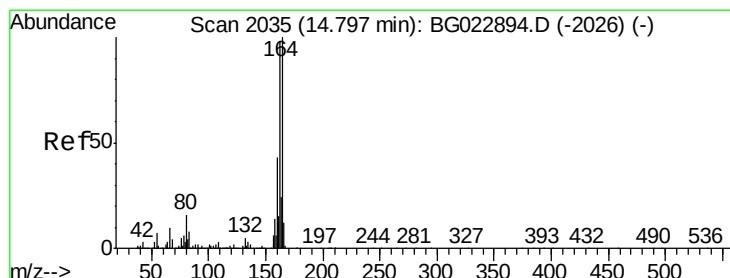
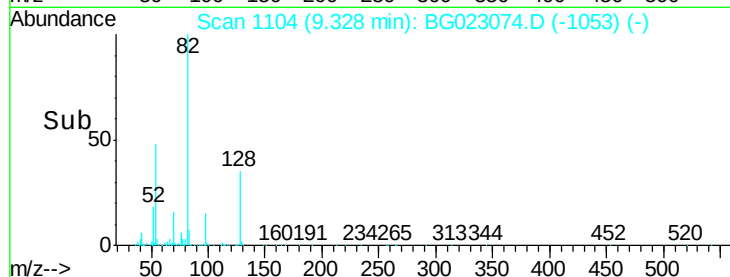
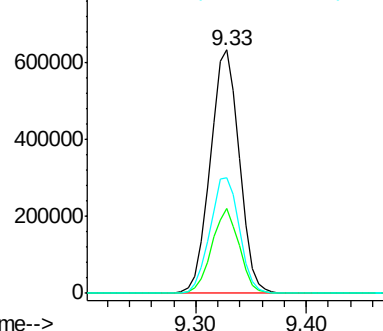
Ion	Ratio	Lower	Upper
82	100		
128	34.8	24.4	36.6
54	47.5	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

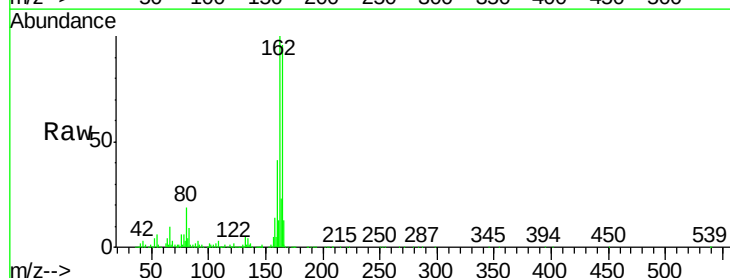
Delta R.T. 0.00 min

Lab File: BG023074.D

Acq: 13 Jul 2016 17:50

Tgt Ion: 164 Resp: 435128

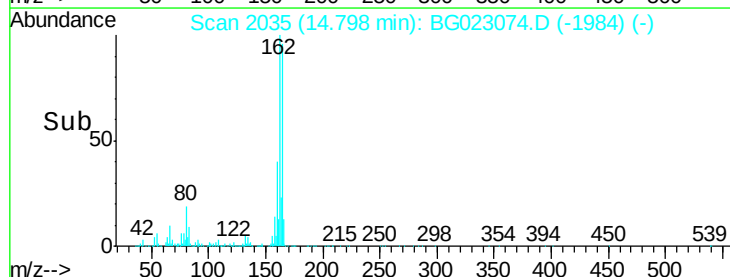
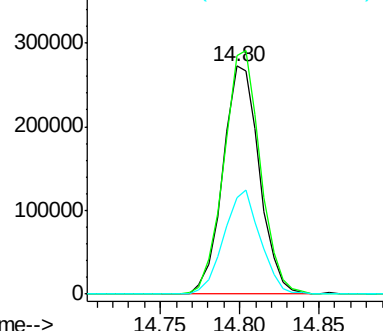
Ion	Ratio	Lower	Upper
164	100		
162	104.4	87.7	131.5
160	42.3	37.2	55.8

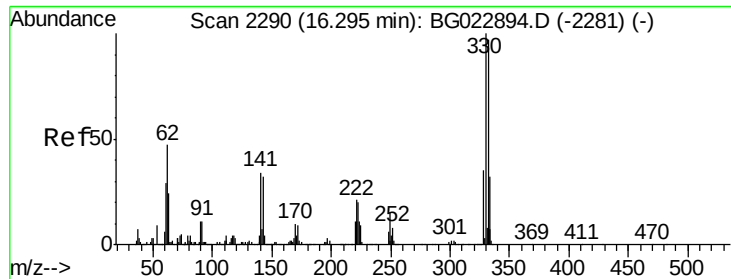


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

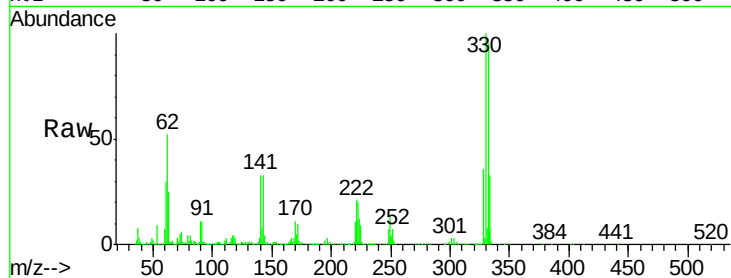




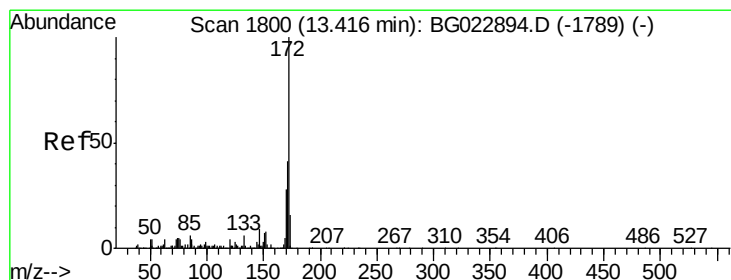
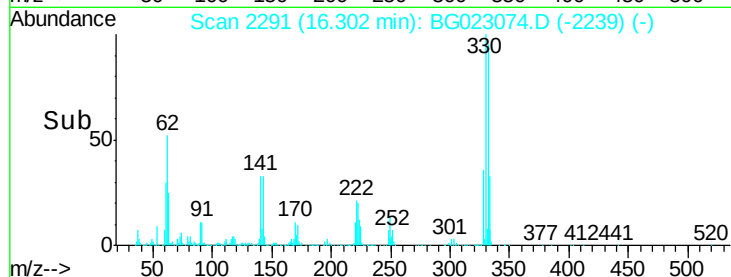
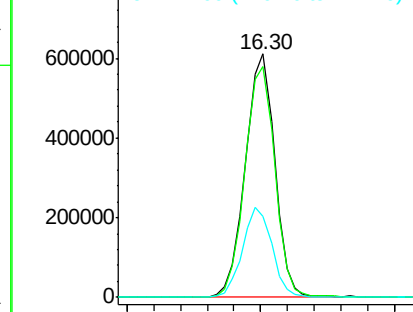
#41
 2,4,6-Tribromophenol
 Concen: 119.17 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023074.D
 Acq: 13 Jul 2016 17:50

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

Tgt Ion:330 Resp: 931964
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.4 31.7 47.5

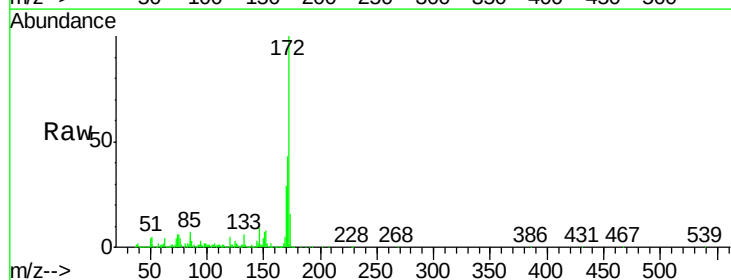


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

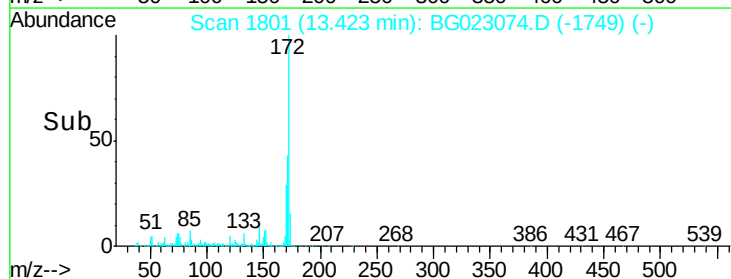
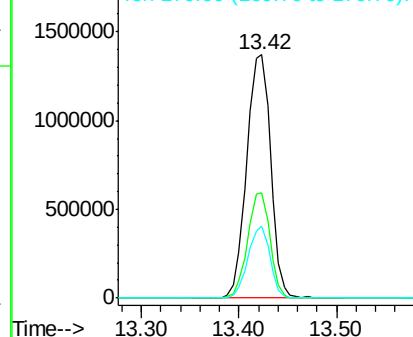


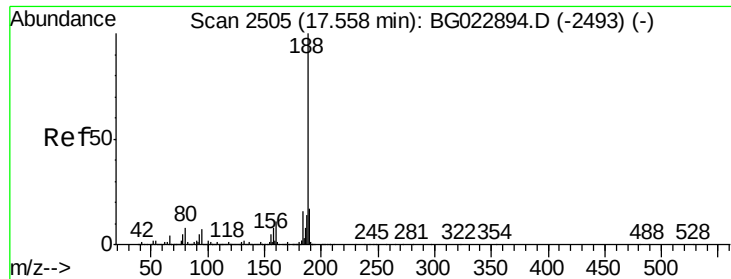
#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023074.D
 Acq: 13 Jul 2016 17:50

Tgt Ion:172 Resp: 2356206
 Ion Ratio Lower Upper
 172 100
 171 43.1 31.6 47.4
 170 29.5 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: BG023074.D

Acq: 13 Jul 2016 17:50

Instrument :

BNA_G

ClientSampleId :

S8-EB-2016-3

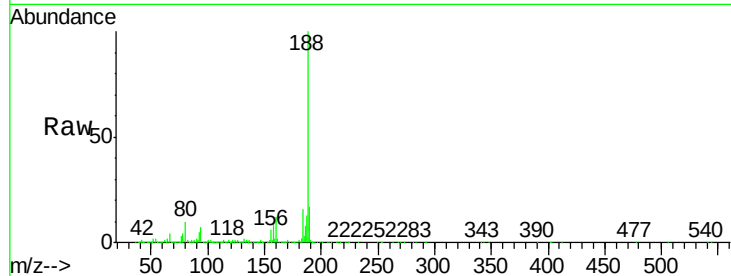
Tgt Ion:188 Resp: 1045655

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

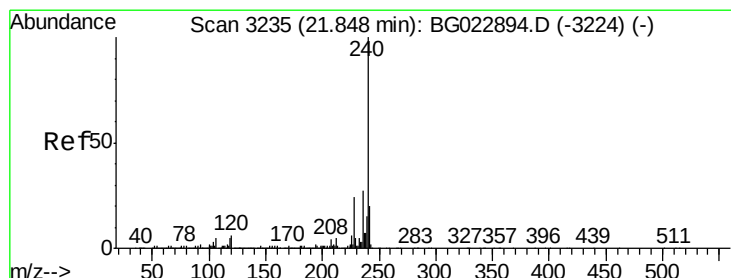
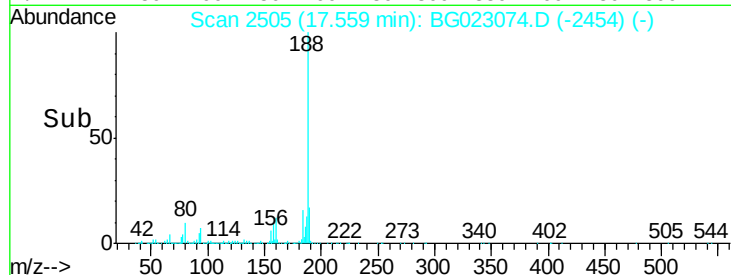
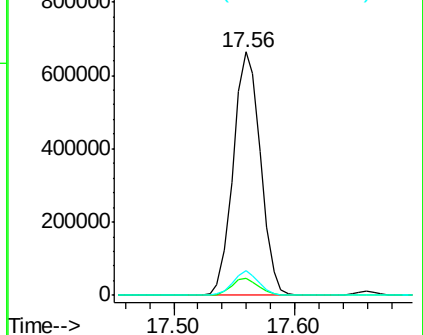
80 10.1 7.2 10.8



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: 21.87 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023074.D

Acq: 13 Jul 2016 17:50

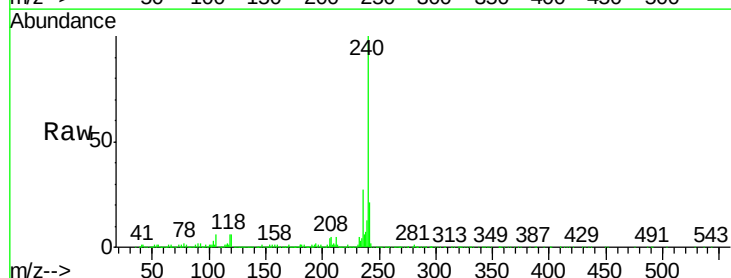
Tgt Ion:240 Resp: 1100003

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

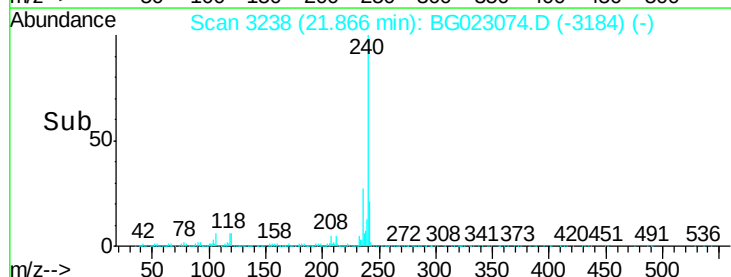
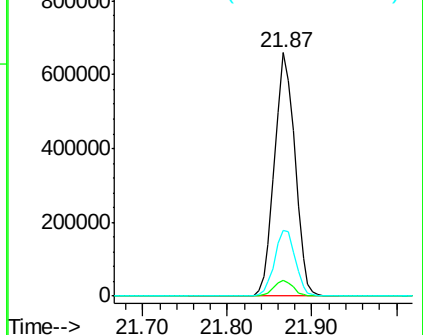
236 26.9 21.1 31.7

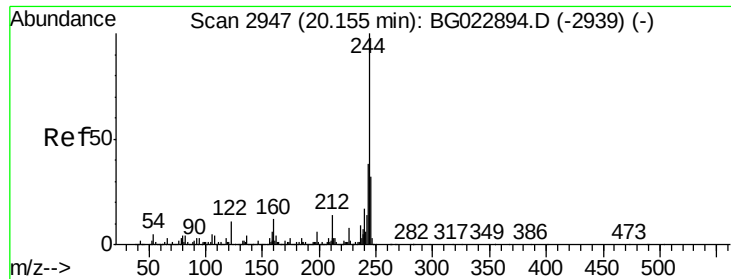


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.21 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023074.D

Acq: 13 Jul 2016 17:50

Instrument :

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ClientSampleId :

S8-EB-2016-3

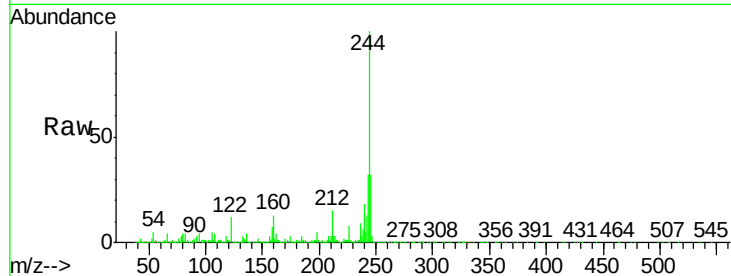
Tgt Ion:244 Resp: 3210812

Ion Ratio Lower Upper

244 100

212 15.2 10.8 16.2

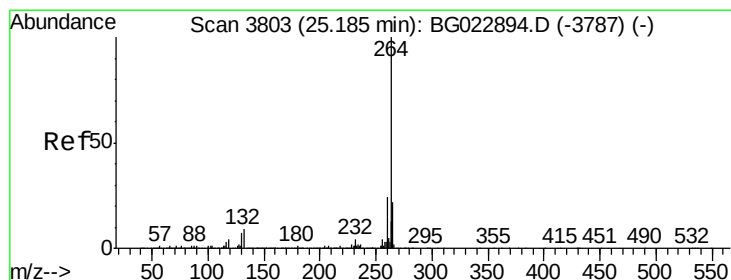
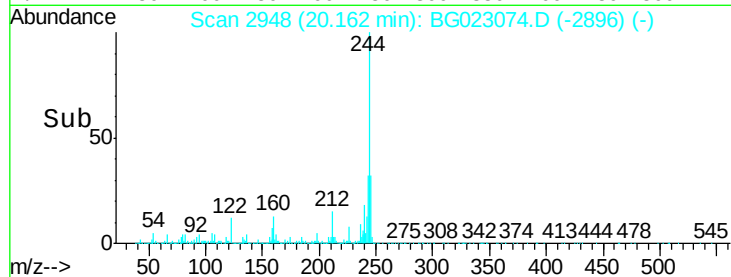
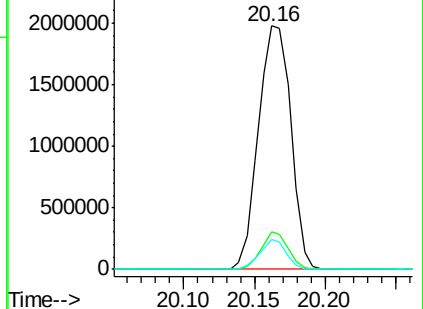
122 12.2 8.0 12.0#



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: 25.26 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023074.D

Acq: 13 Jul 2016 17:50

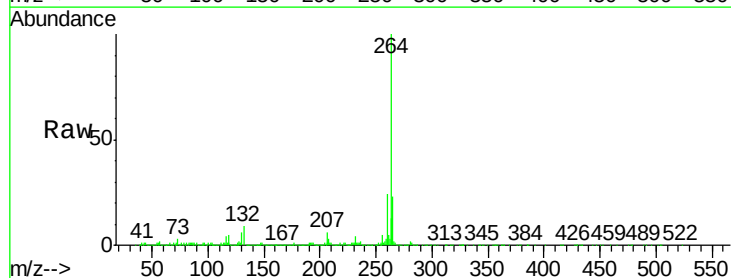
Tgt Ion:264 Resp: 1106012

Ion Ratio Lower Upper

264 100

260 23.6 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

