

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022990.D
 Acq On : 10 Jul 2016 8:09
 Operator : UM/SJ
 Sample : H3935-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3-6

Quant Time: Jul 11 03:43:22 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

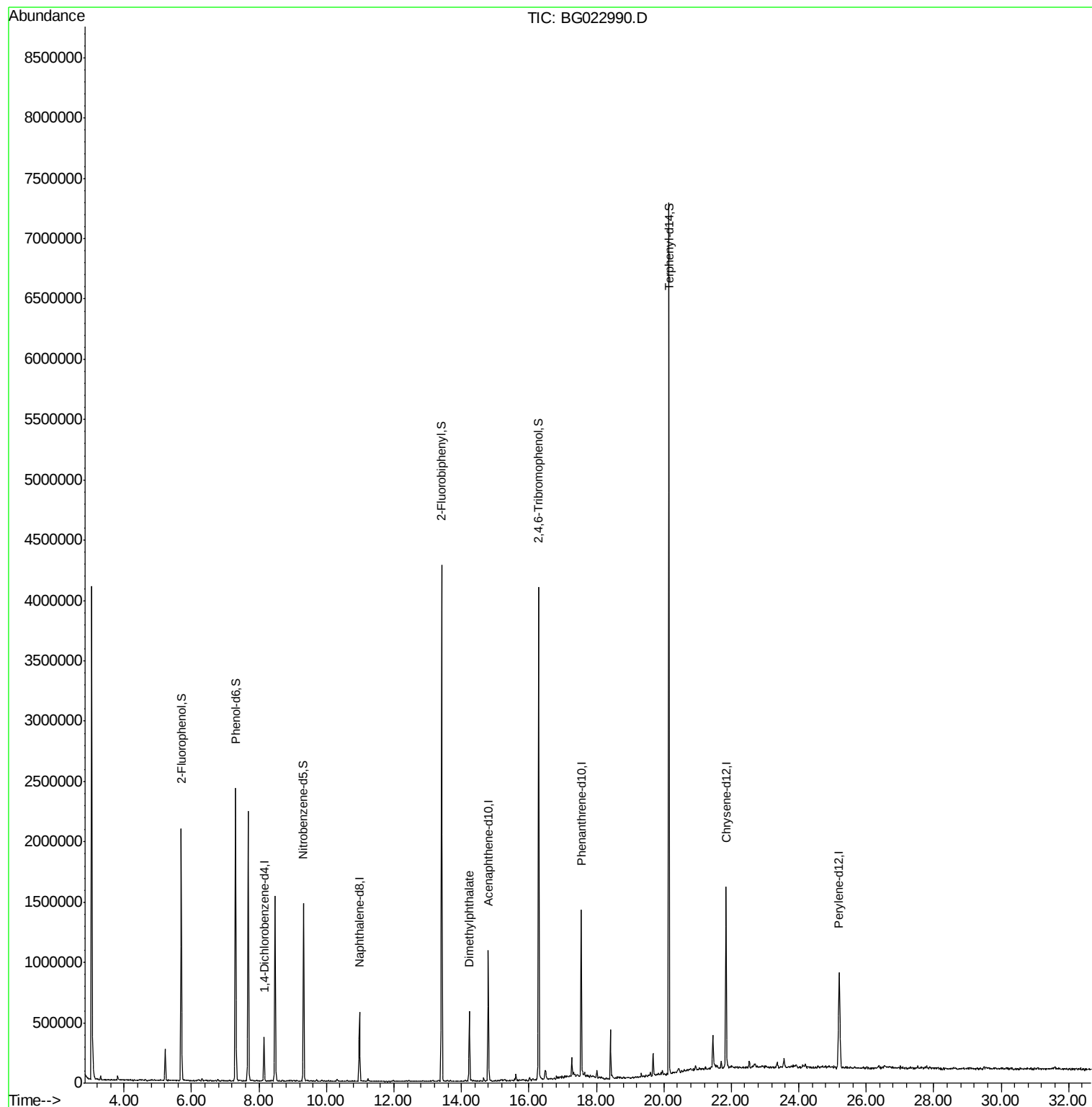
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96923	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	456094	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	354994	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	842472	20.00	ng	0.00
75) Chrysene-d12	21.84	240	911034	20.00	ng	0.00
86) Perylene-d12	25.20	264	935495	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	842020	142.08	ng	0.00
7) Phenol-d6	7.31	99	1353078	145.78	ng	0.00
23) Nitrobenzene-d5	9.32	82	954137	89.58	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	738008	115.67	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2048292	90.88	ng	0.00
78) Terphenyl-d14	20.15	244	2797254	107.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	365369	12.60	ng	Qvalue 99

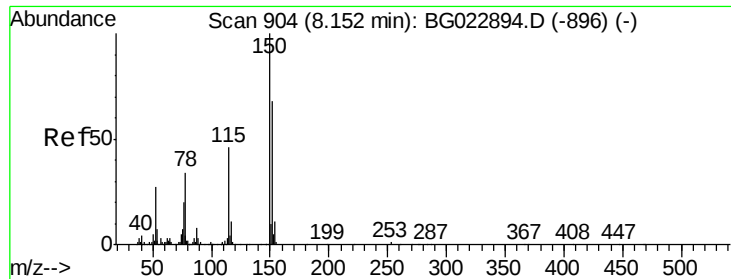
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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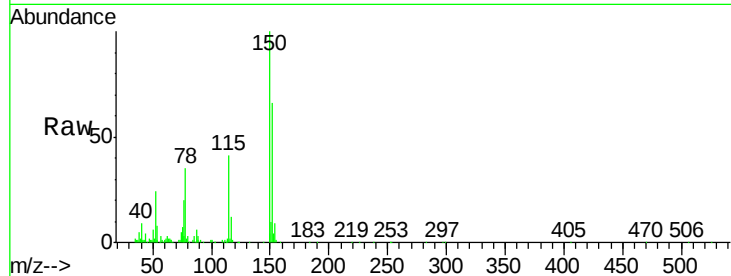


#1

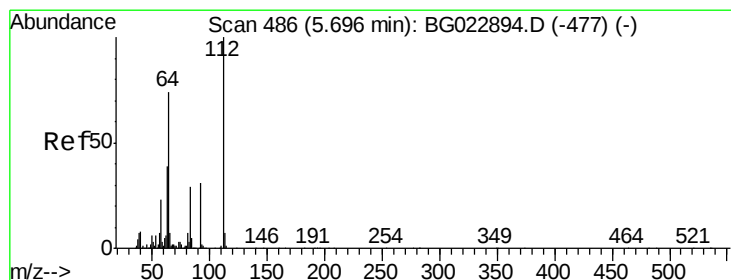
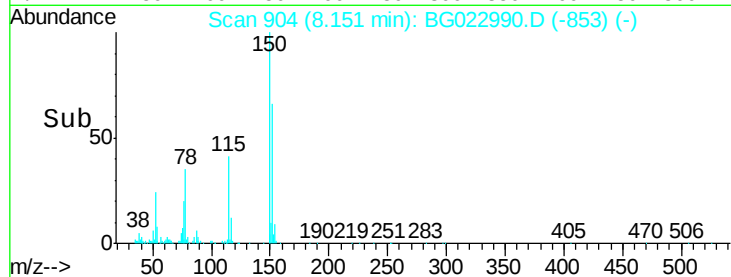
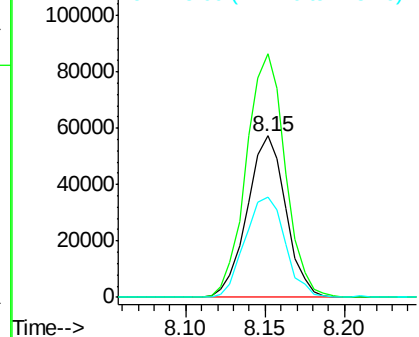
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022990.D
Acq: 10 Jul 2016 8:09

Instrument :
BNA_G
ClientSampleId :
C3-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.7	144.7	217.1
115	62.0	64.0	96.0



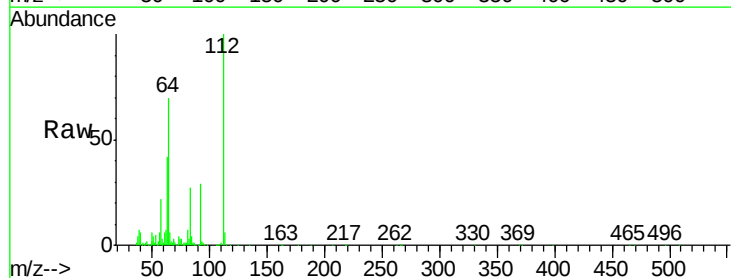
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



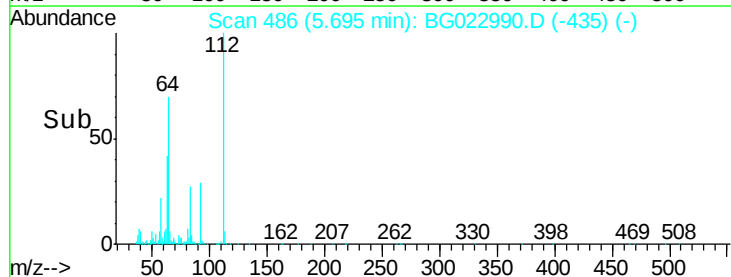
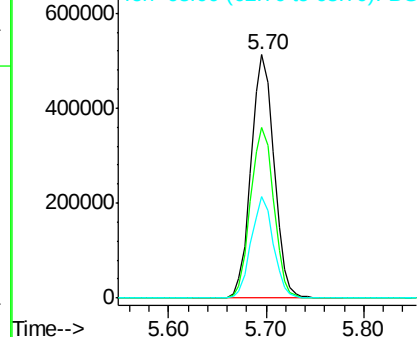
#5

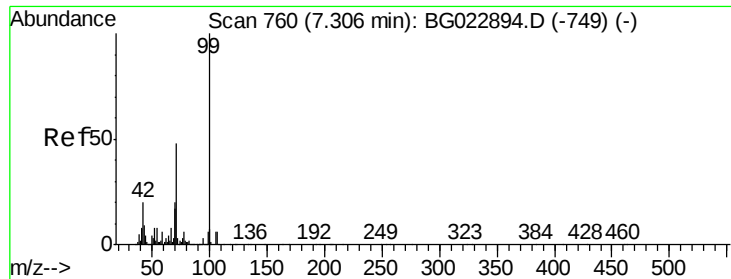
2-Fluorophenol
Concen: 142.08 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG022990.D
Acq: 10 Jul 2016 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	59.0	88.4
63	41.8	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: 145.78 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022990.D

Acq: 10 Jul 2016 8:09

Instrument :

BNA_G

ClientSampleId :

C3-6

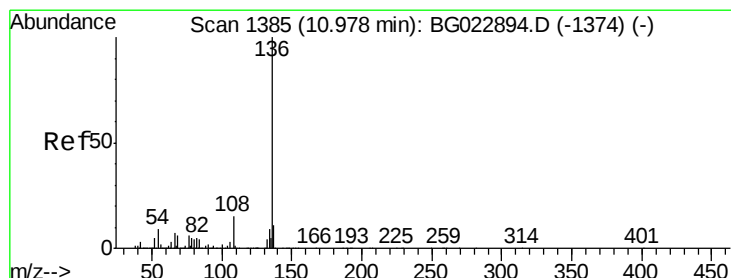
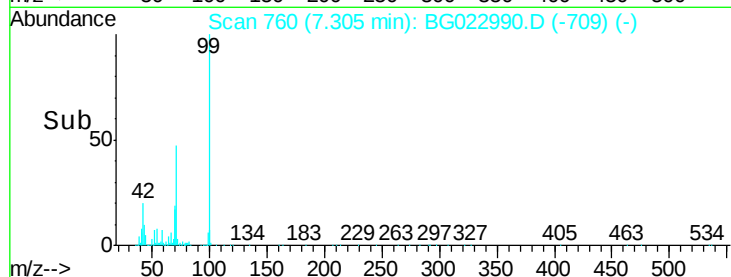
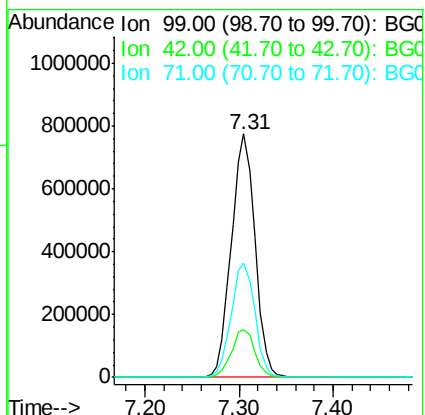
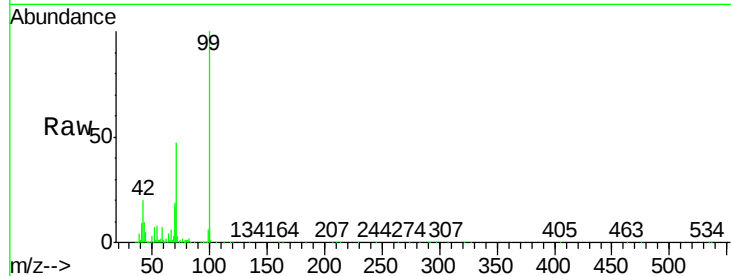
Tgt Ion: 99 Resp: 1353078

Ion Ratio Lower Upper

99 100

42 19.7 17.8 26.6

71 47.2 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG022990.D

Acq: 10 Jul 2016 8:09

Tgt Ion: 136 Resp: 456094

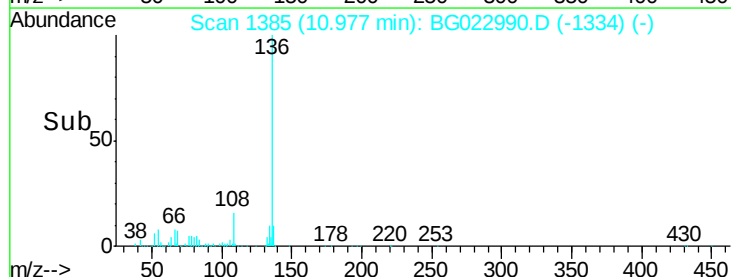
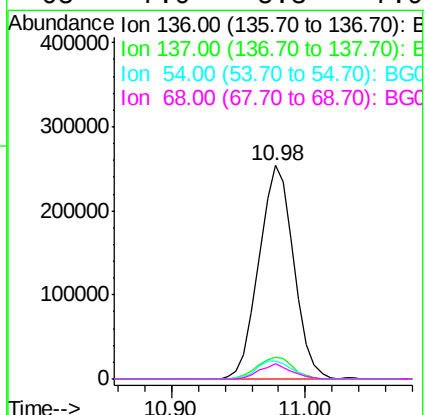
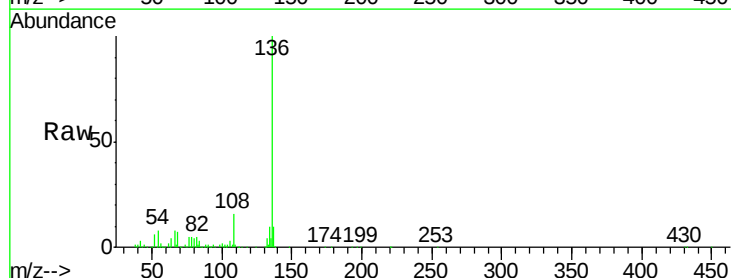
Ion Ratio Lower Upper

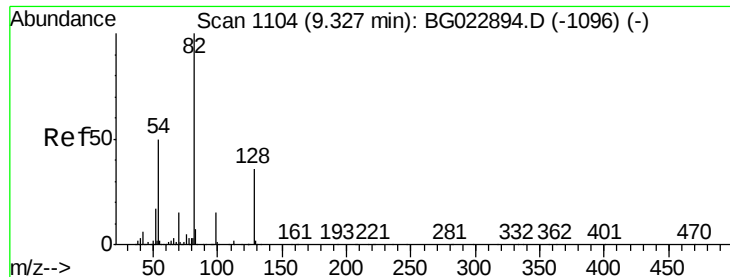
136 100

137 10.2 9.6 14.4

54 8.2 7.3 10.9

68 7.0 5.3 7.9

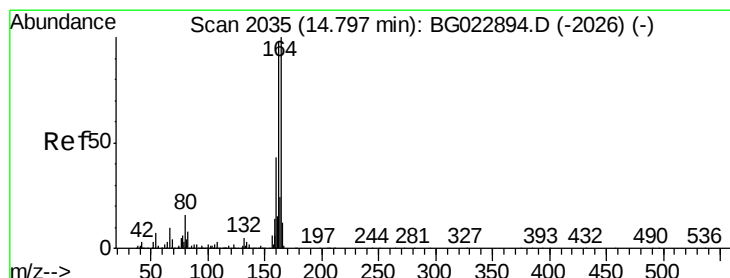
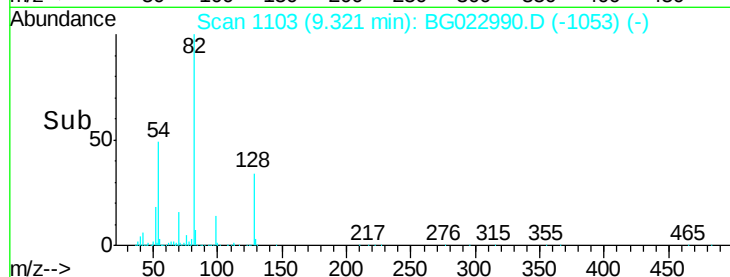
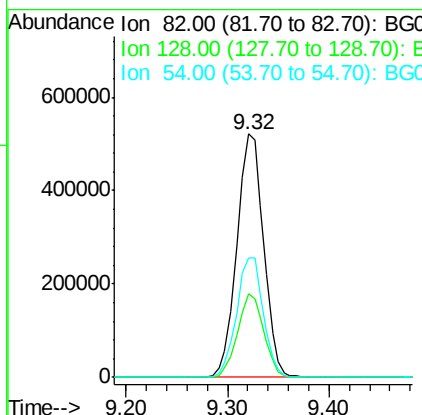
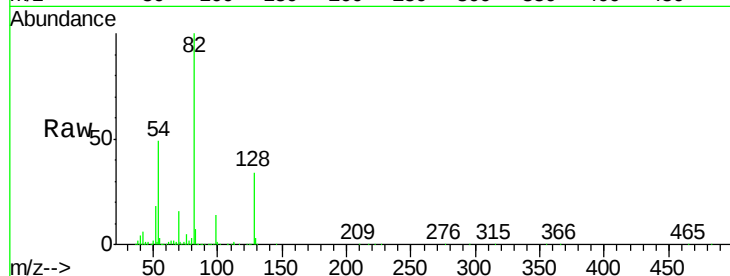




#23
 Nitrobenzene-d5
 Concen: 89.58 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022990.D
 Acq: 10 Jul 2016 8:09

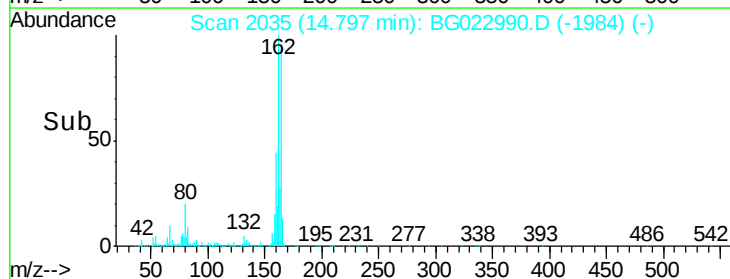
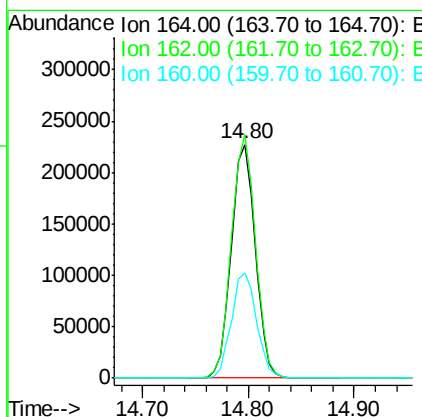
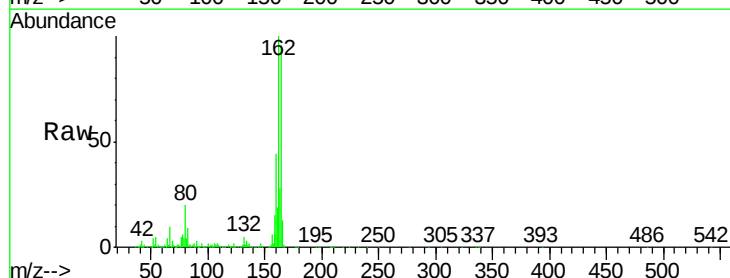
Instrument :
 BNA_G
 ClientSampleId :
 C3-6

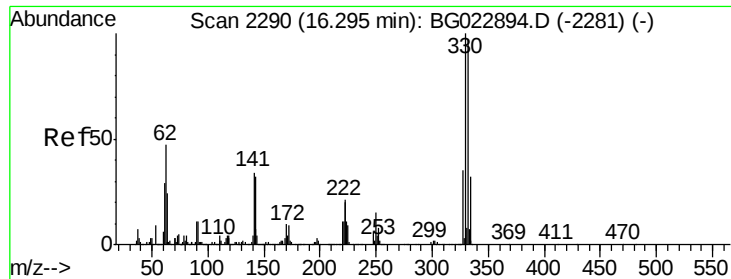
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.4	24.4	36.6
54	49.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022990.D
 Acq: 10 Jul 2016 8:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	87.7	131.5
160	45.4	37.2	55.8

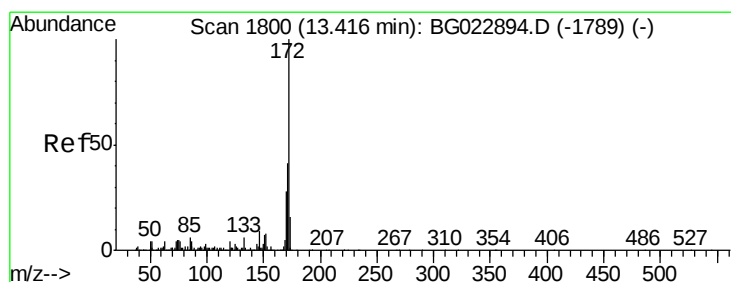
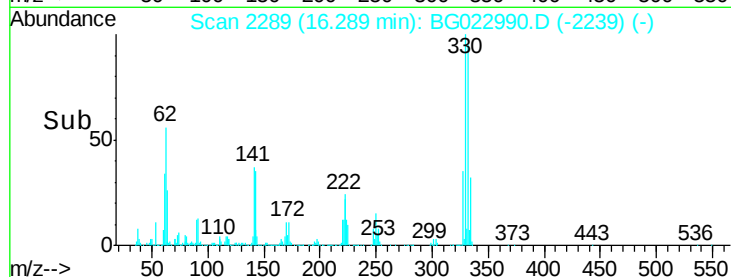
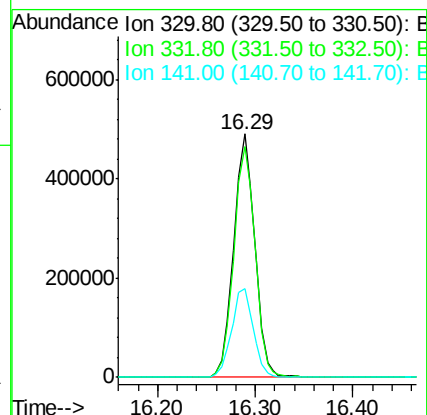
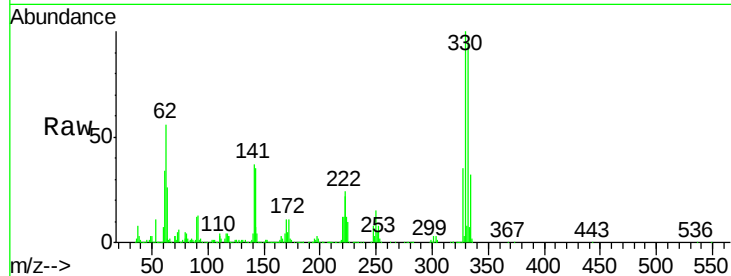




#41
 2,4,6-Tribromophenol
 Concen: 115.67 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022990.D
 Acq: 10 Jul 2016 8:09

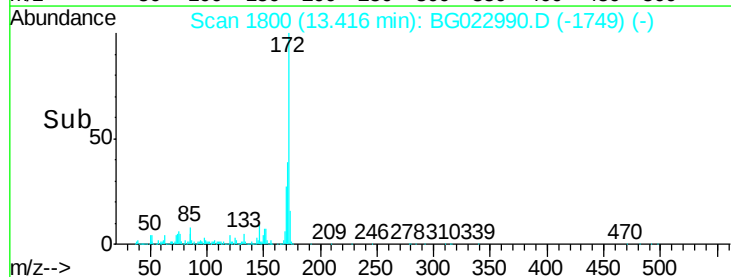
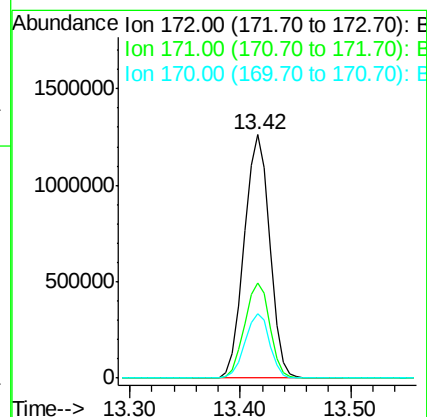
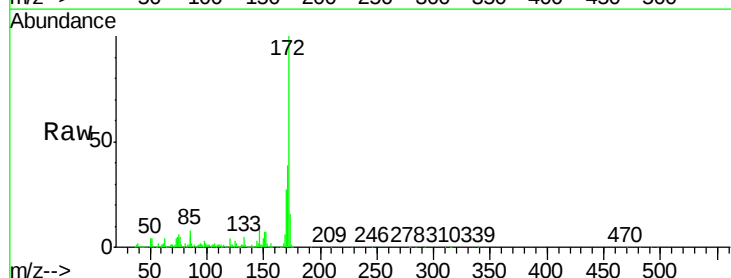
Instrument :
 BNA_G
 ClientSampleId :
 C3-6

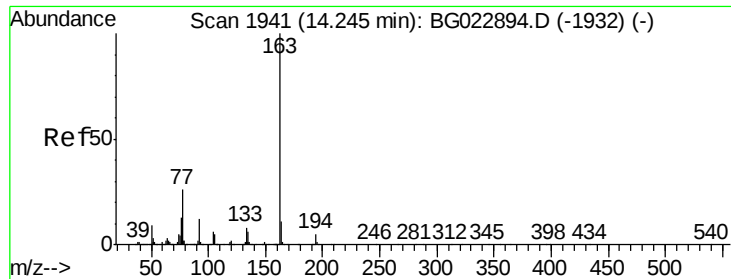
Tgt Ion:330 Resp: 738008
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 37.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022990.D
 Acq: 10 Jul 2016 8:09

Tgt Ion:172 Resp: 2048292
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.6 47.4
 170 26.6 21.3 31.9





#49

Dimethylphthalate

Concen: 12.60 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022990.D

Acq: 10 Jul 2016 8:09

Instrument :

BNA_G

ClientSampleId :

C3-6

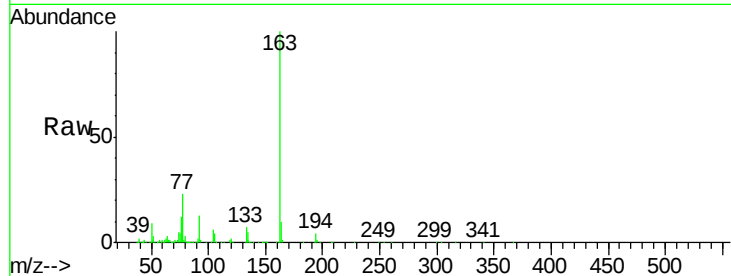
Tgt Ion:163 Resp: 365369

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

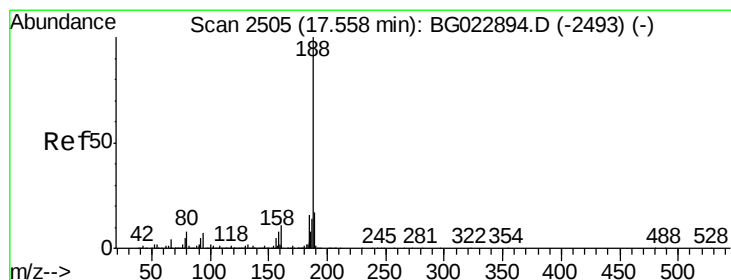
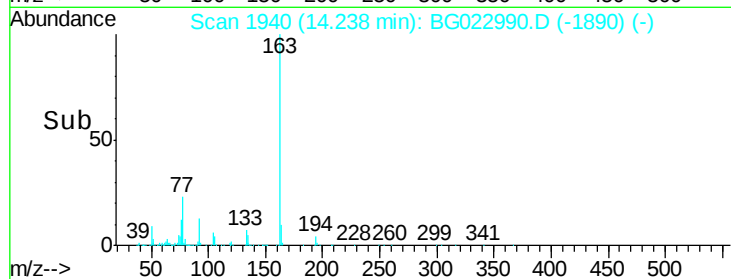
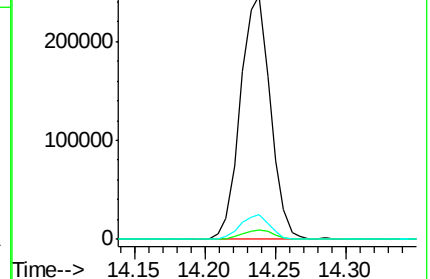
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022990.D

Acq: 10 Jul 2016 8:09

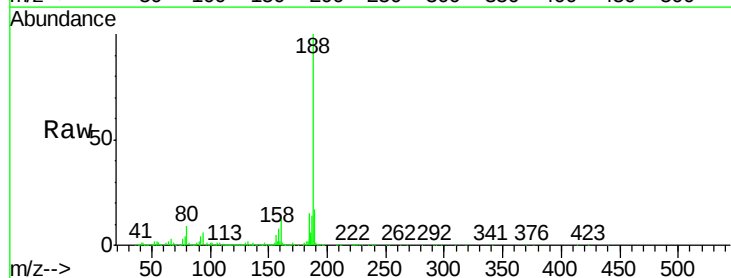
Tgt Ion:188 Resp: 842472

Ion Ratio Lower Upper

188 100

94 6.1 5.2 7.8

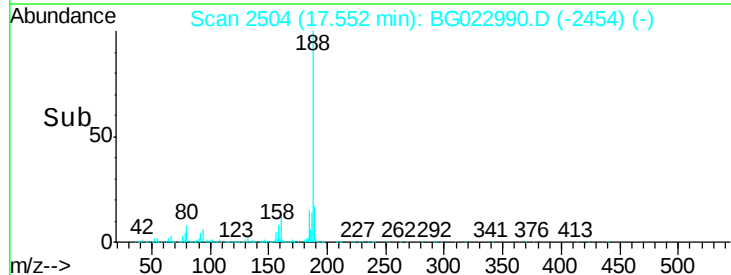
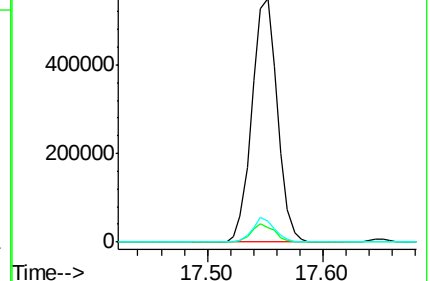
80 8.5 7.2 10.8

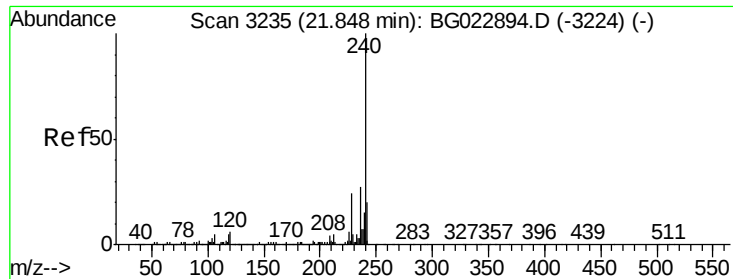


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

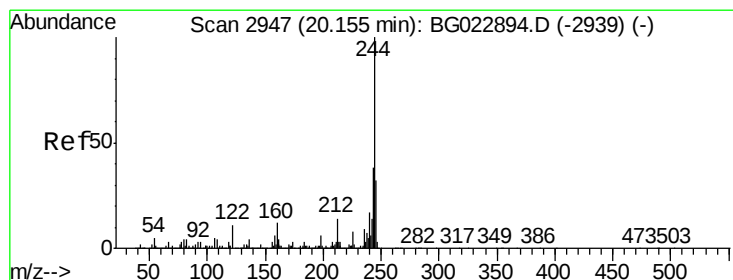
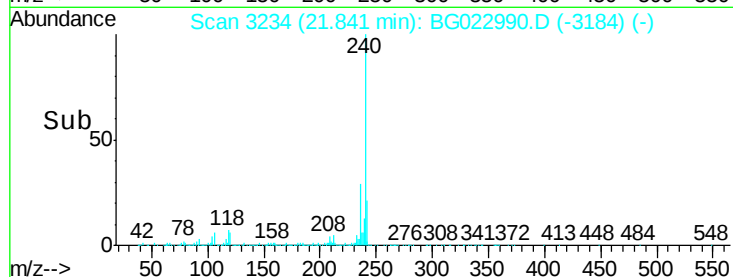
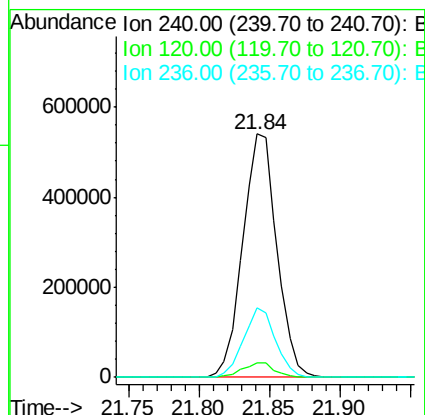
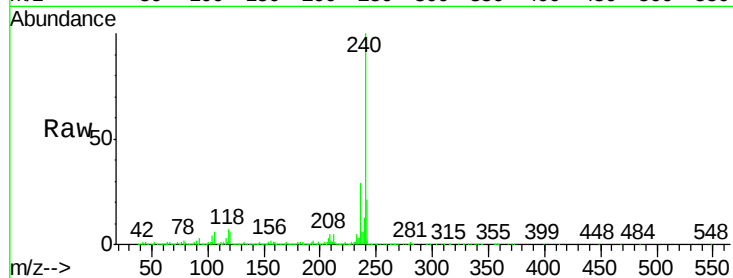




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG022990.D
Acq: 10 Jul 2016 8:09

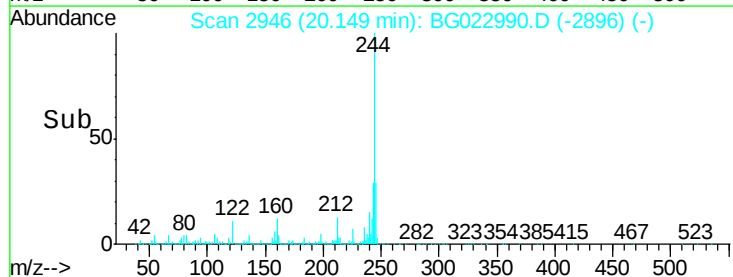
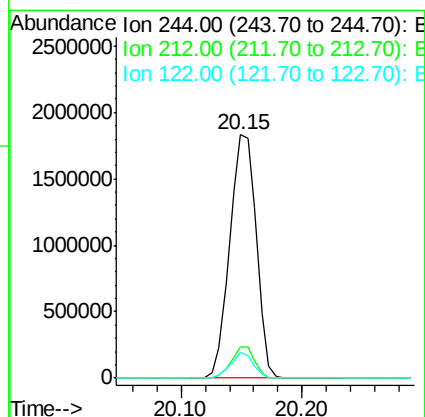
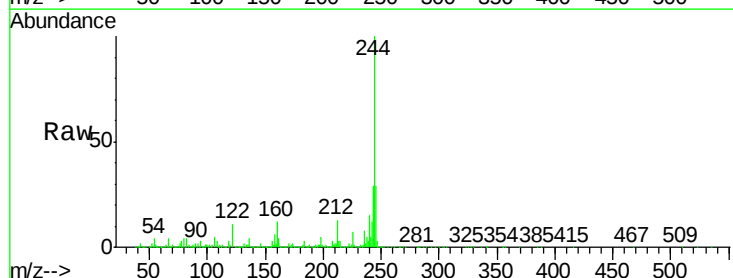
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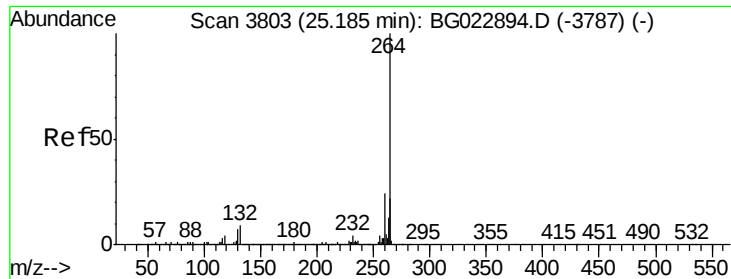
Tgt Ion:240 Resp: 911034
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 28.8 21.1 31.7



#78
Terphenyl-d14
Concen: 107.97 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BG022990.D
Acq: 10 Jul 2016 8:09

Tgt Ion:244 Resp: 2797254
Ion Ratio Lower Upper
244 100
212 13.0 10.8 16.2
122 10.7 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. 0.02 min
Lab File: BG022990.D
Acq: 10 Jul 2016 8:09

Instrument :
BNA_G
ClientSampleId :
C3-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.6	18.9	28.3

