

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022932.D
 Acq On : 8 Jul 2016 15:24
 Operator : UM/SJ
 Sample : H3876-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5-B-LOCATION-5-15-20FT

Quant Time: Jul 08 17:37:43 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

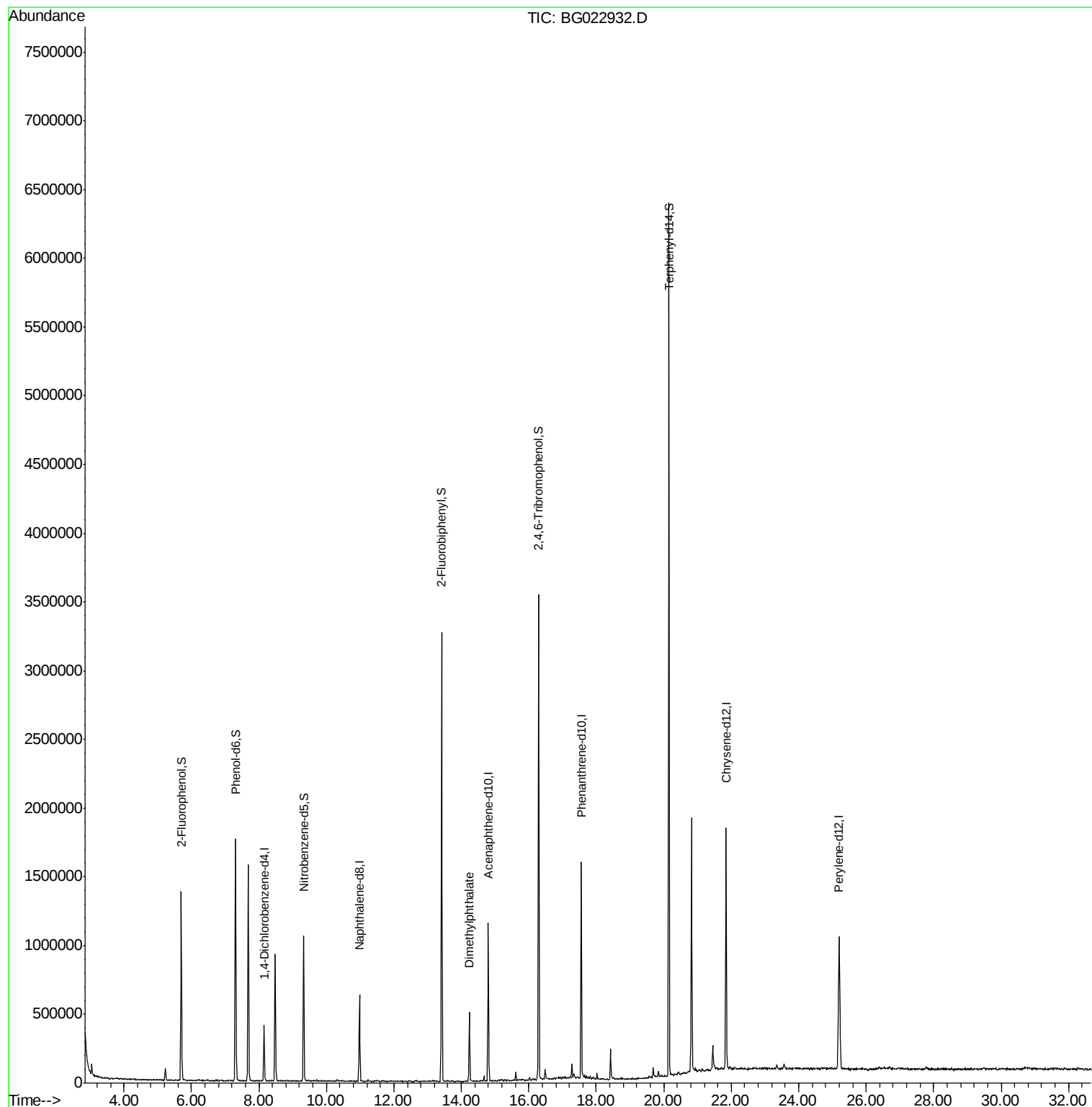
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	103383	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	496033	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	390993	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	957672	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1070942	20.00	ng	0.00
86) Perylene-d12	25.20	264	1100077	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	559138	88.46	ng	0.00
7) Phenol-d6	7.31	99	989795	99.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	697253	60.19	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	651036	92.65	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1531313	61.69	ng	0.00
78) Terphenyl-d14	20.16	244	2524848	69.82	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	307781	9.64	ng	Qvalue 99

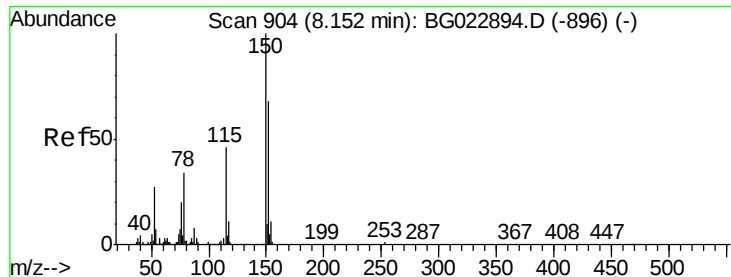
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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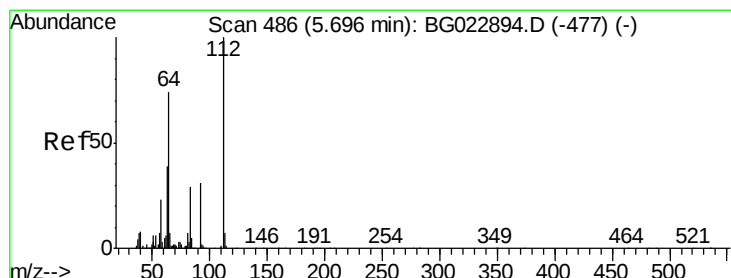
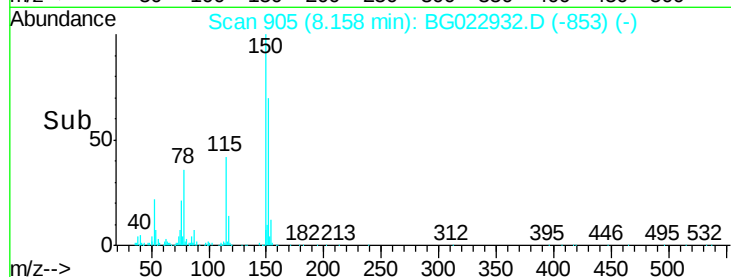
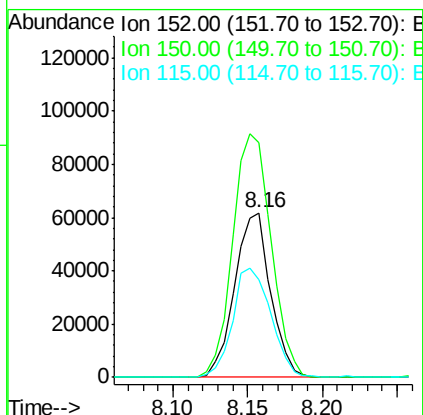
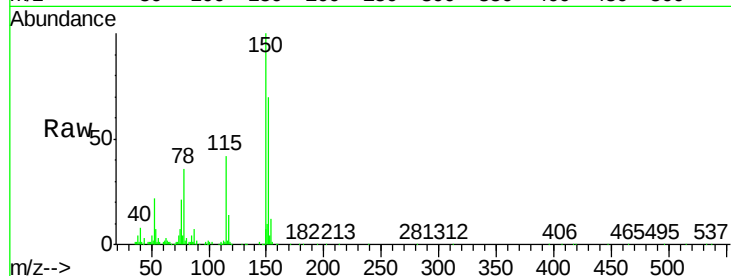


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

Instrument :
 BNA_G
 ClientSampleId :
 5-B-LOCATION-5-15-20FT

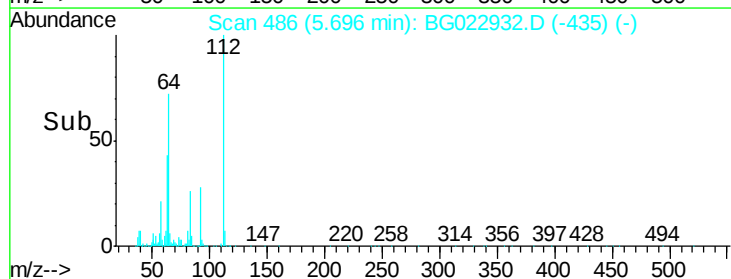
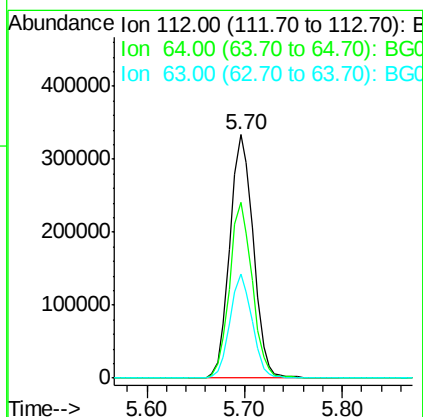
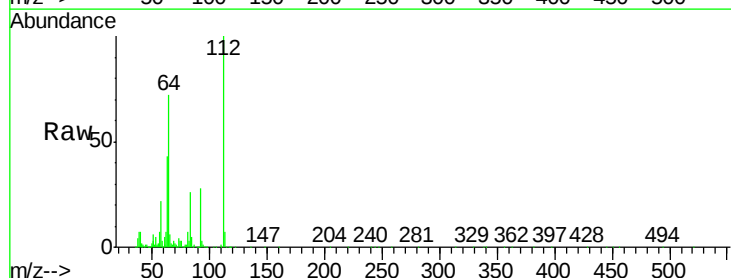
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	144.7	217.1#
115	59.1	64.0	96.0#

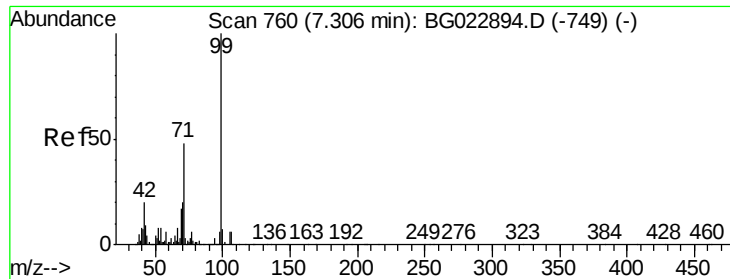


#5

2-Fluorophenol
 Concen: 88.46 ng
 RT: 5.70 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	59.0	88.4
63	42.7	37.8	56.8





#7

Phenol-d6

Concen: 99.97 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022932.D

Acq: 8 Jul 2016 15:24

Instrument :

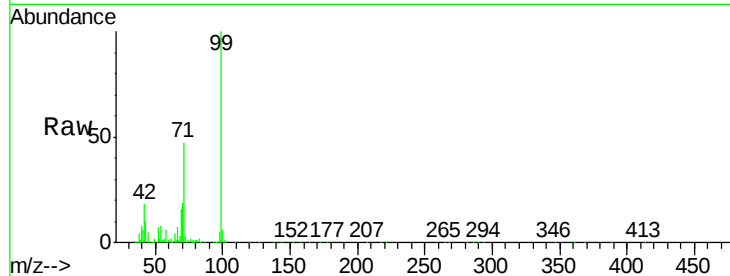
BNA_G

ClientSampleId :

5-B-LOCATION-5-15-20FT

Tot Ion: 99 Resp: 989795

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.8	26.6
71	47.5	41.5	62.3

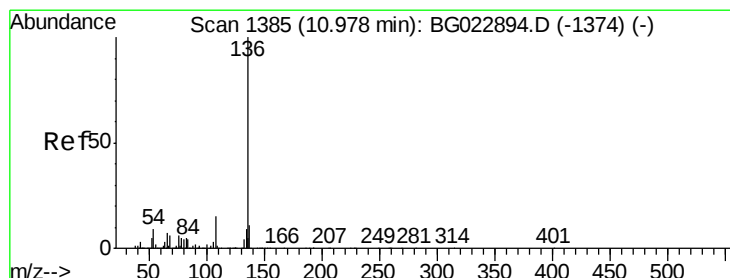
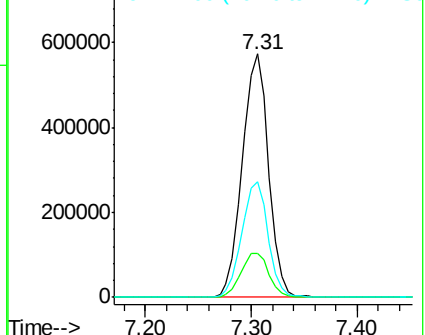
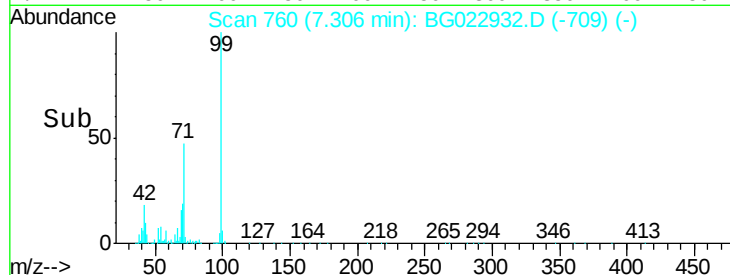


Abundance

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

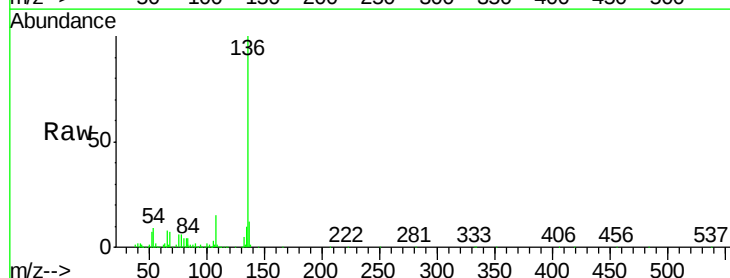
Delta R.T. -0.00 min

Lab File: BG022932.D

Acq: 8 Jul 2016 15:24

Tgt Ion: 136 Resp: 496033

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	8.8	7.3	10.9
68	6.6	5.3	7.9



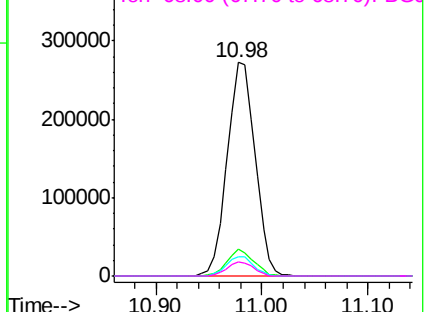
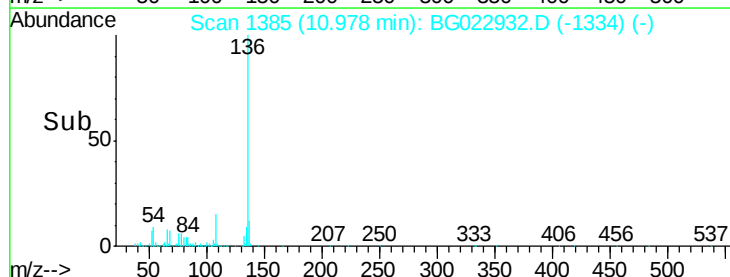
Abundance

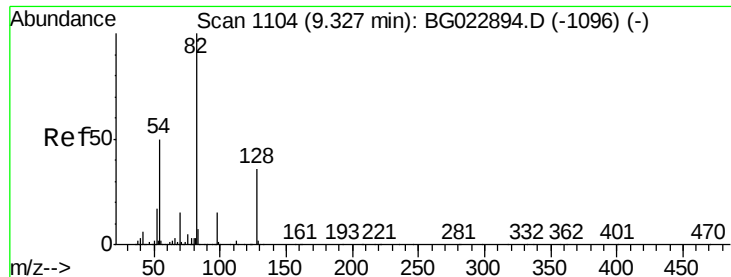
Ion 136.00 (135.70 to 136.70): BGC

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

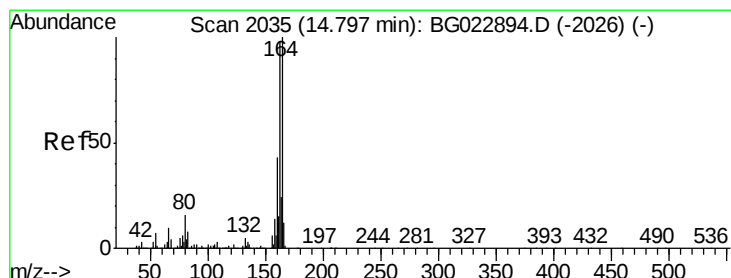
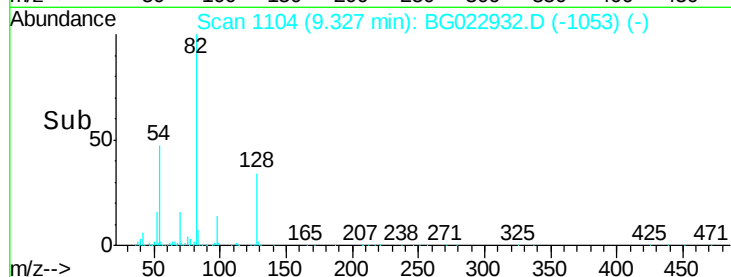
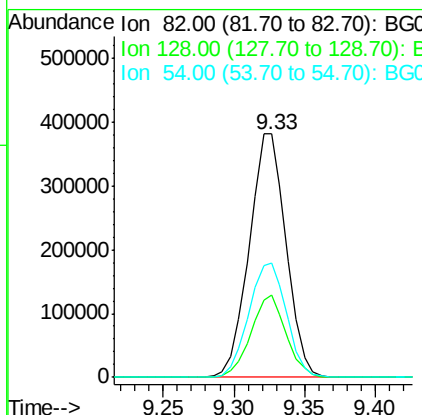
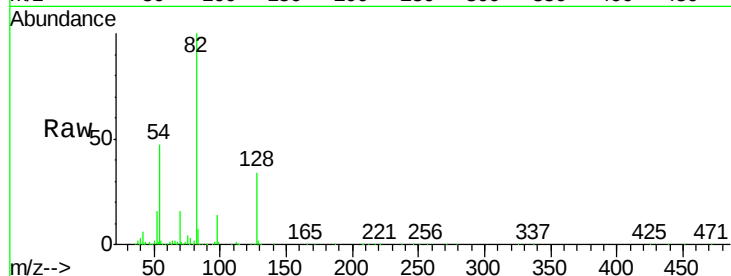




#23
 Nitrobenzene-d5
 Concen: 60.19 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

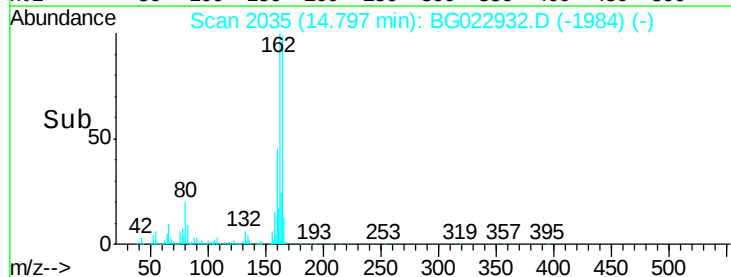
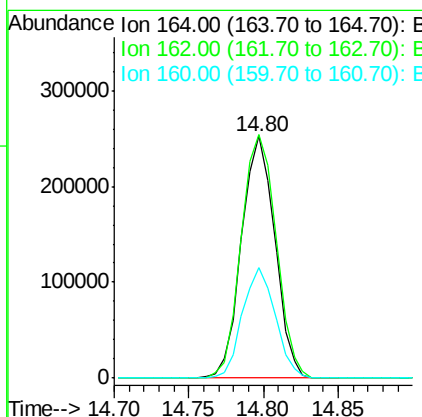
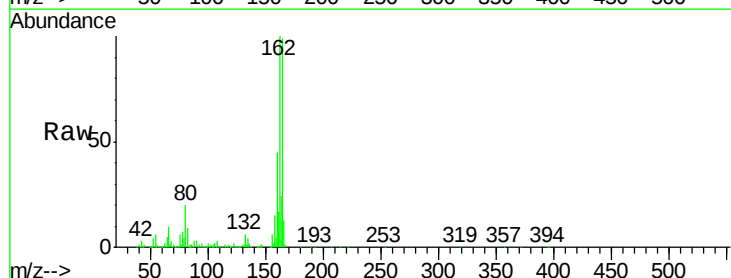
Instrument :
 BNA_G
 ClientSampleId :
 5-B-LOCATION-5-15-20FT

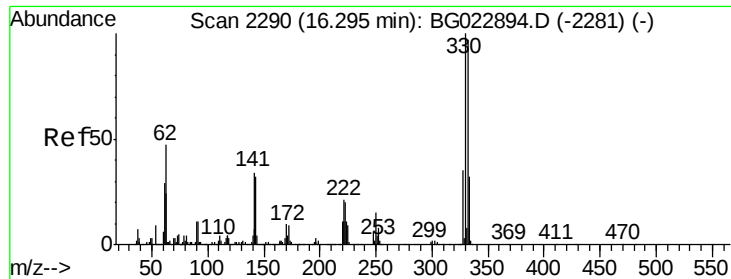
Tot Ion	82	Resp	697253
Ion Ratio	Lower	Upper	
82	100		
128	34.1	24.4	36.6
54	47.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

Tgt Ion	164	Resp	390993
Ion Ratio	Lower	Upper	
164	100		
162	100.6	87.7	131.5
160	45.6	37.2	55.8

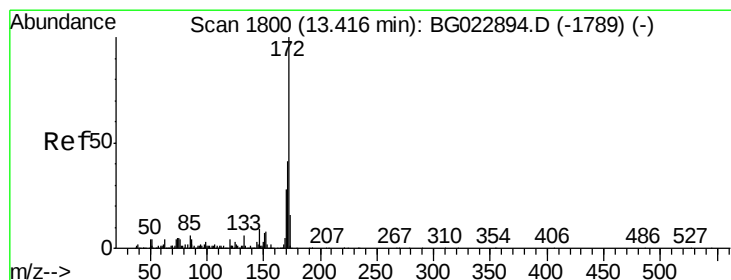
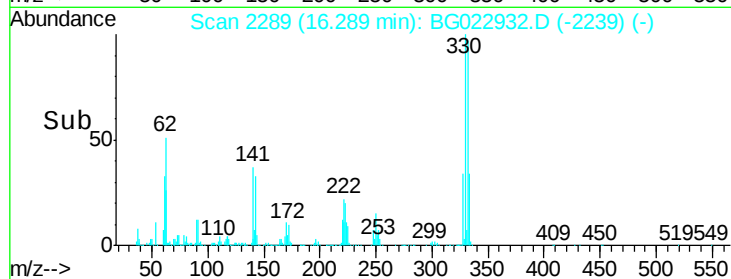
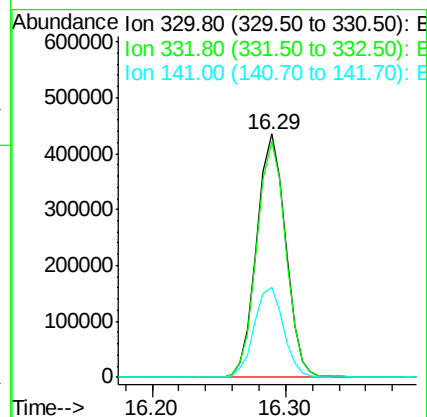
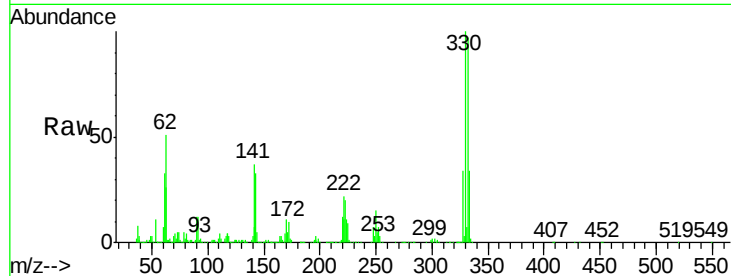




#41
 2,4,6-Tribromophenol
 Concen: 92.65 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

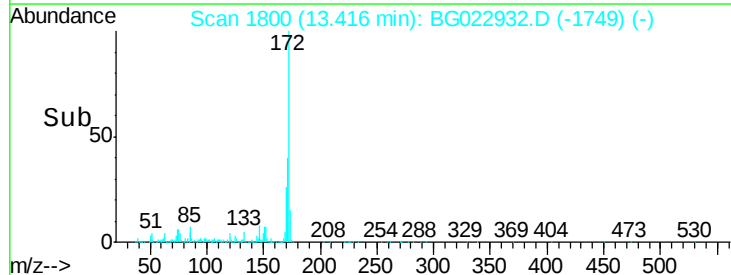
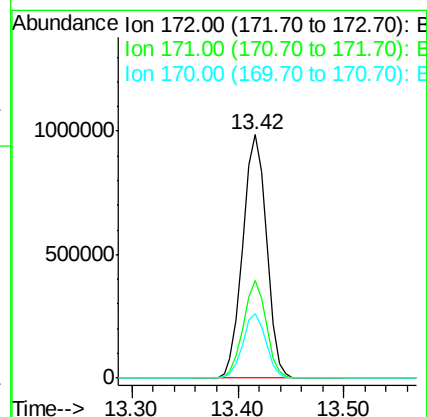
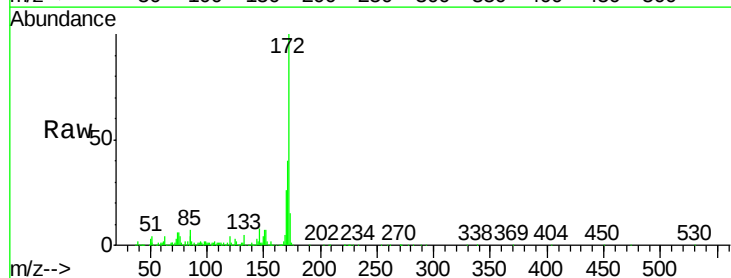
Instrument :
 BNA_G
 ClientSampleId :
 5-B-LOCATION-5-15-20FT

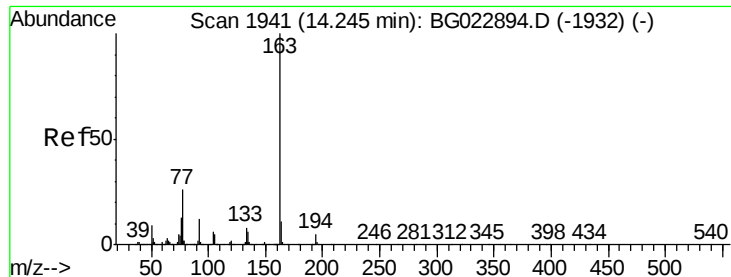
Tot Ion:330 Resp: 651036
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 37.4 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 61.69 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

Tgt Ion:172 Resp: 1531313
 Ion Ratio Lower Upper
 172 100
 171 39.9 31.6 47.4
 170 26.4 21.3 31.9





#49

Dimethylphthalate

Concen: 9.64 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022932.D

Acq: 8 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

5-B-LOCATION-5-15-20FT

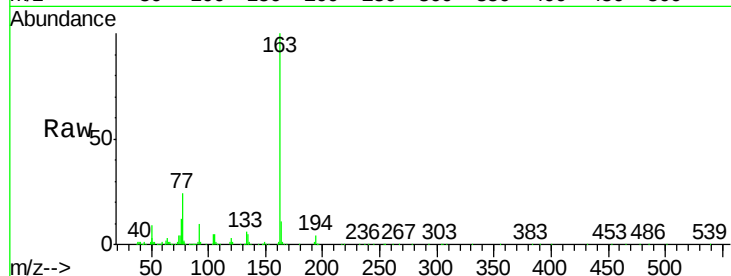
Tot Ion:163 Resp: 307781

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

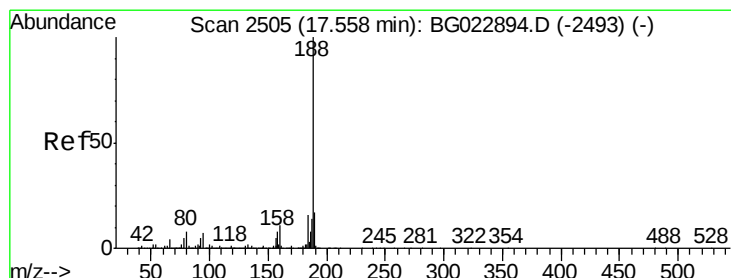
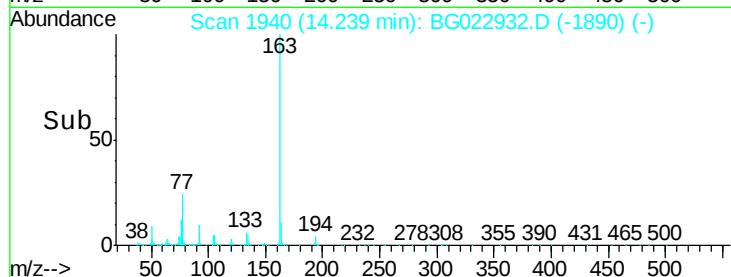
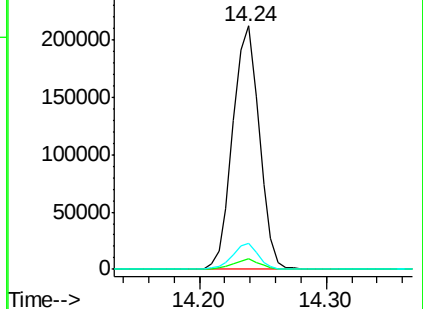
164 10.6 8.1 12.1



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: BG022932.D

Acq: 8 Jul 2016 15:24

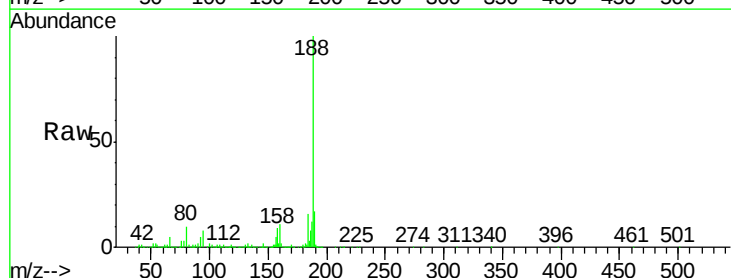
Tgt Ion:188 Resp: 957672

Ion Ratio Lower Upper

188 100

94 7.7 5.2 7.8

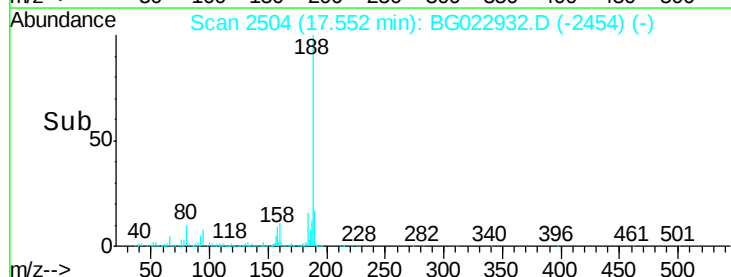
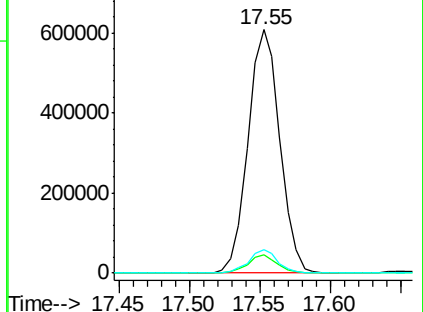
80 9.8 7.2 10.8

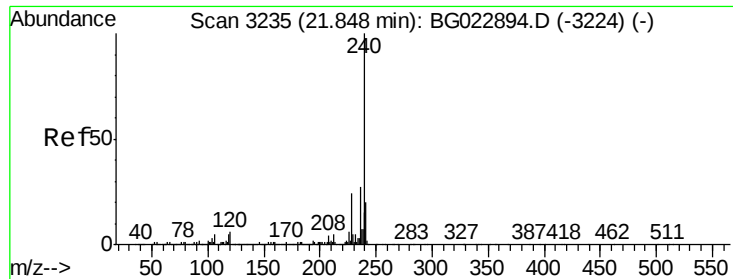


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

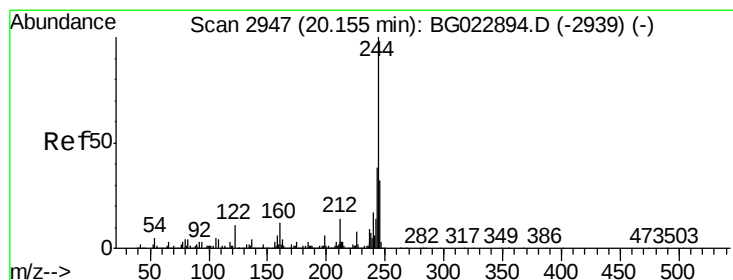
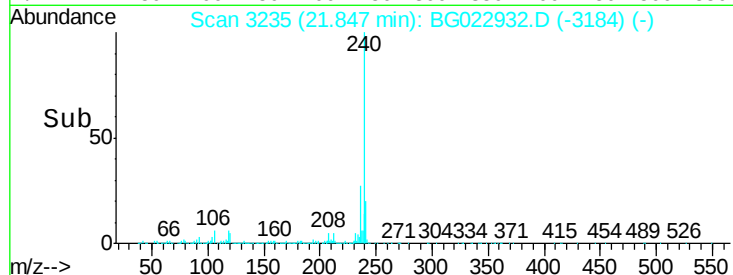
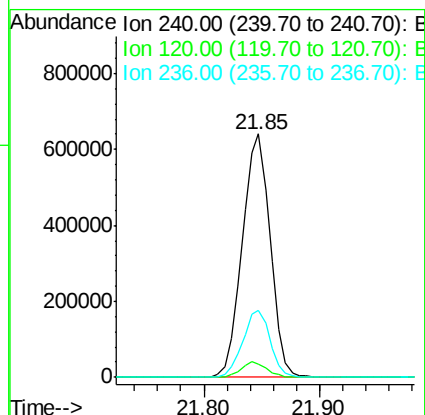
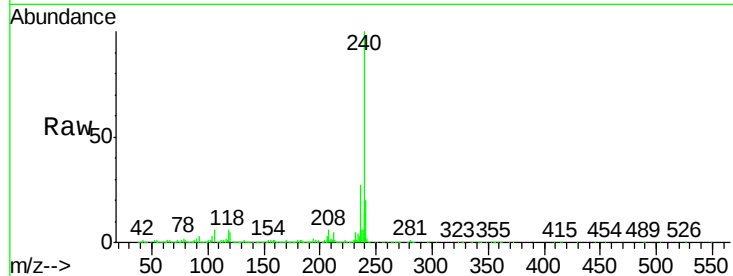




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

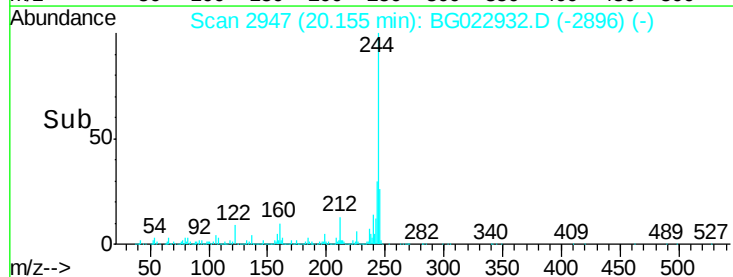
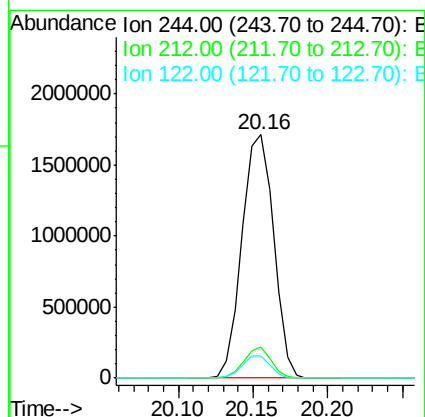
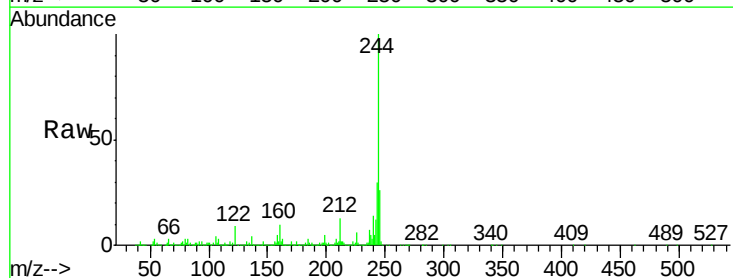
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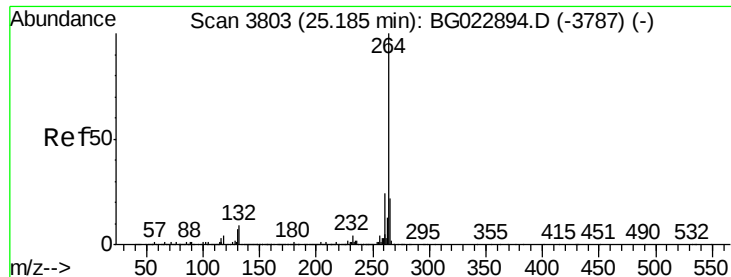
Tot Ion:240 Resp: 1070942
 Ion Ratio Lower Upper
 240 100
 120 5.4 4.1 6.1
 236 27.3 21.1 31.7



#78
 Terphenyl-d14
 Concen: 69.82 ng
 RT: 20.16 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

Tgt Ion:244 Resp: 2524848
 Ion Ratio Lower Upper
 244 100
 212 12.5 10.8 16.2
 122 8.9 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3806
 Delta R.T. 0.02 min
 Lab File: BG022932.D
 Acq: 8 Jul 2016 15:24

Instrument :
 BNA_G
 ClientSampleId :
 5-B-LOCATION-5-15-20FT

Tot Ion:264 Resp: 1100077

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	22.8	18.9	28.3

