

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022929.D
 Acq On : 8 Jul 2016 13:24
 Operator : UM/SJ
 Sample : H3876-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 17:37:08 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

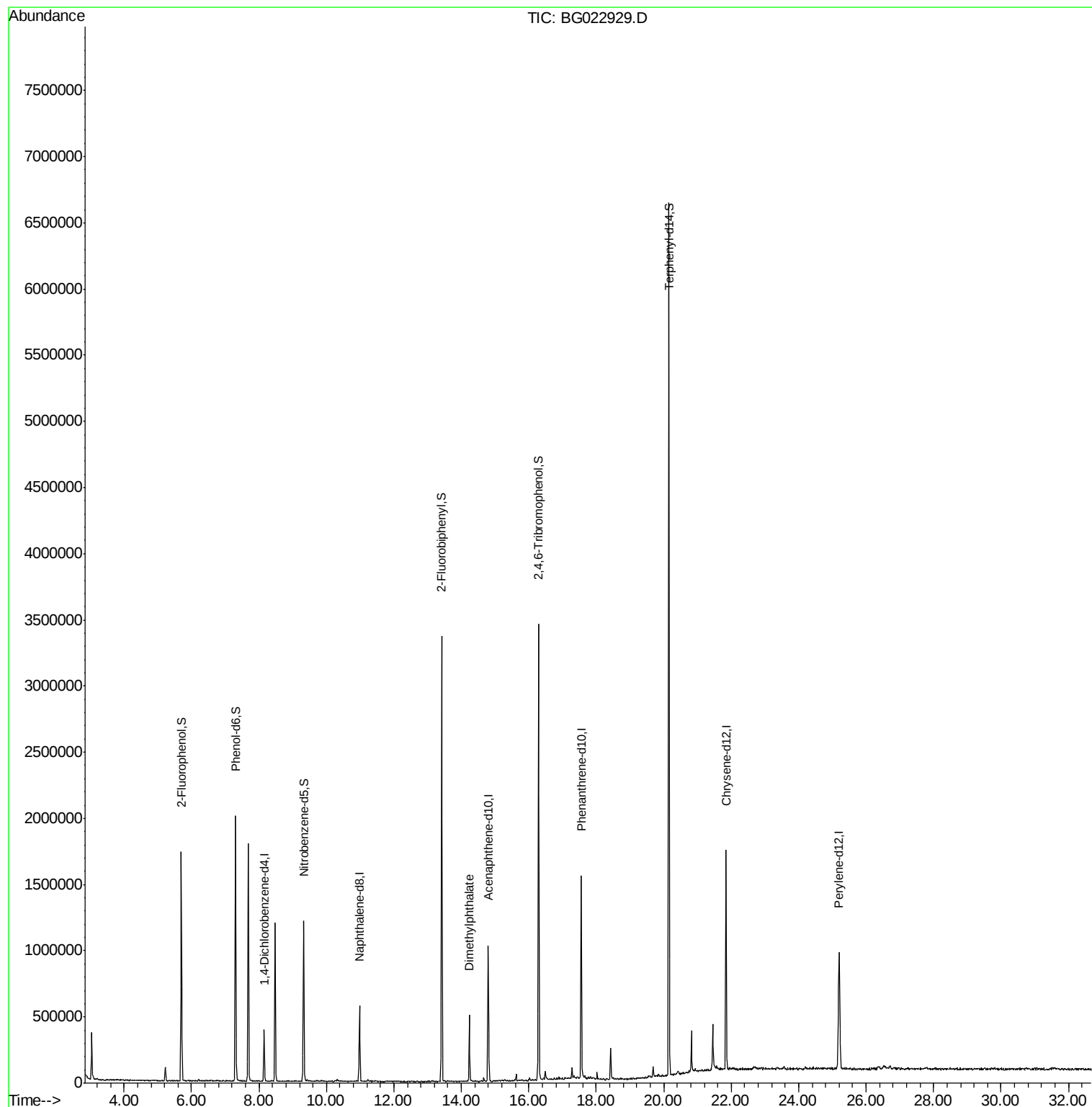
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	101525	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	453707	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	363690	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	899108	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1014551	20.00	ng	0.00
86) Perylene-d12	25.20	264	1027043	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	714685	115.13	ng	0.00
7) Phenol-d6	7.30	99	1131955	116.43	ng	0.00
23) Nitrobenzene-d5	9.32	82	781942	73.80	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	658062	100.68	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1611200	69.78	ng	0.00
78) Terphenyl-d14	20.15	244	2504965	74.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	294305	9.91	ng	Qvalue # 99

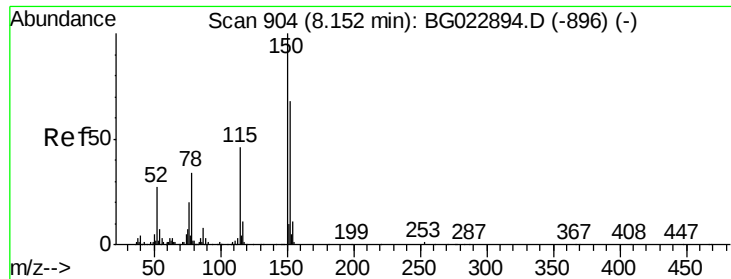
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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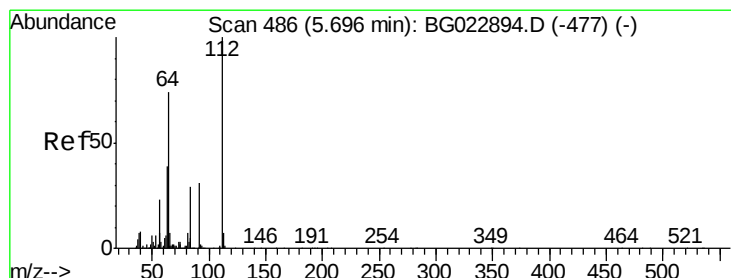
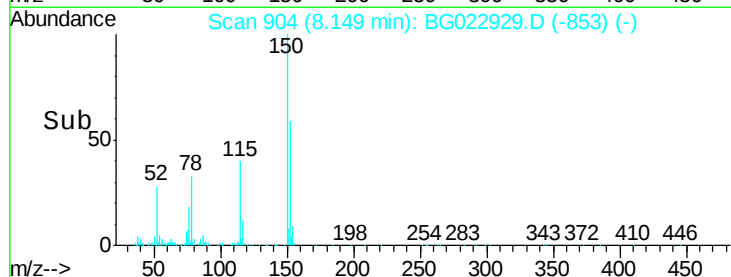
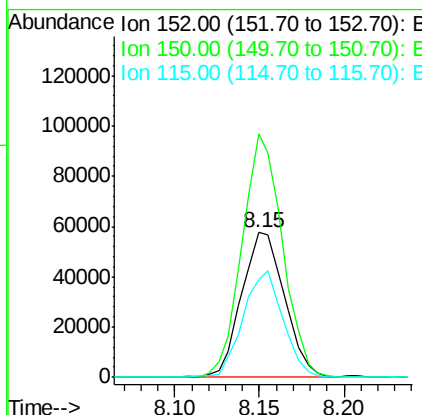
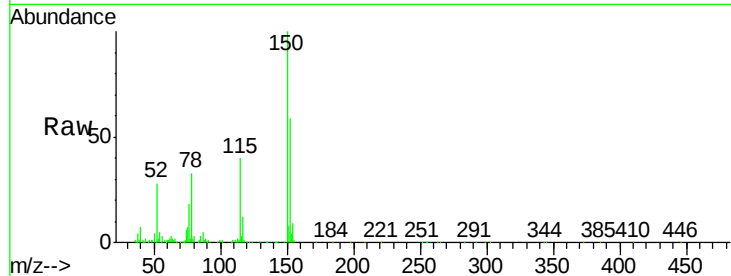


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022929.D
Acq: 8 Jul 2016 13:24

Instrument :
BNA_G
ClientSampleId :

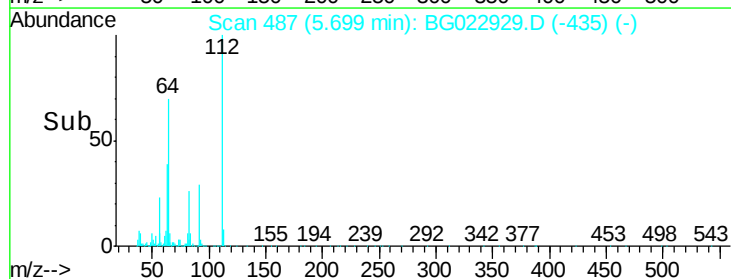
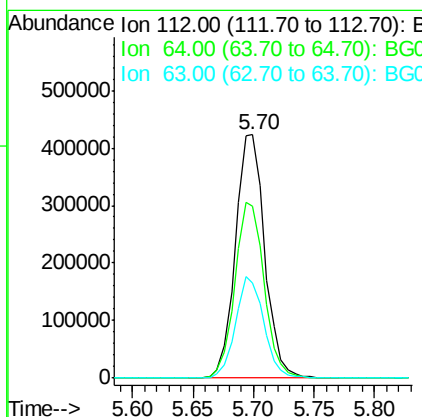
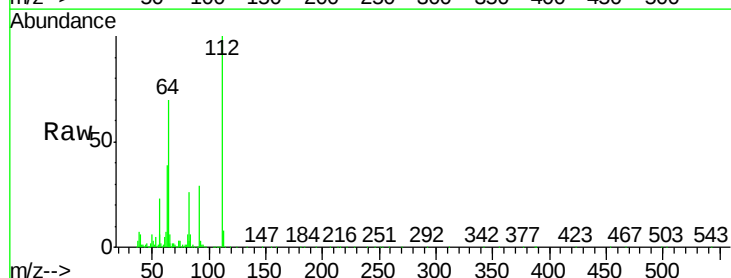
Tot Ion	Ratio	Lower	Upper
152	100		
150	168.1	144.7	217.1
115	67.0	64.0	96.0

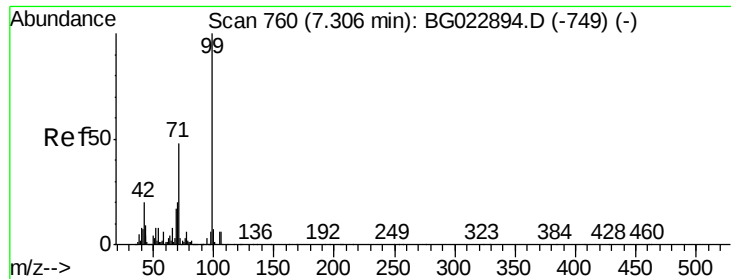


#5

2-Fluorophenol
Concen: 115.13 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022929.D
Acq: 8 Jul 2016 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	59.0	88.4
63	39.1	37.8	56.8





#7

Phenol-d6

Concen: 116.43 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022929.D

Acq: 8 Jul 2016 13:24

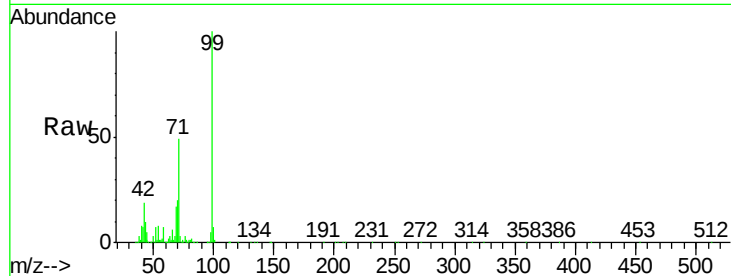
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1131955

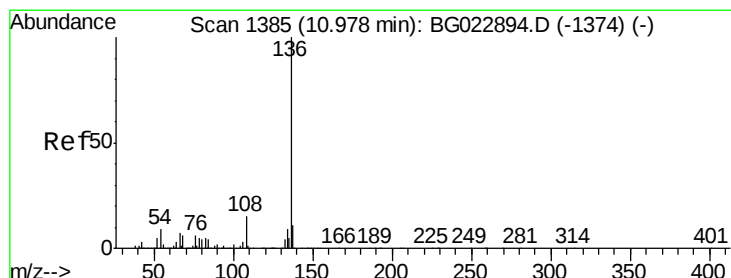
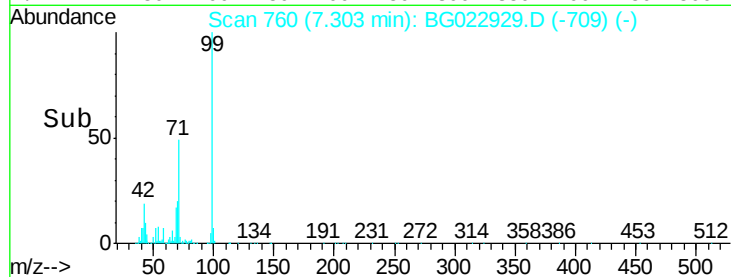
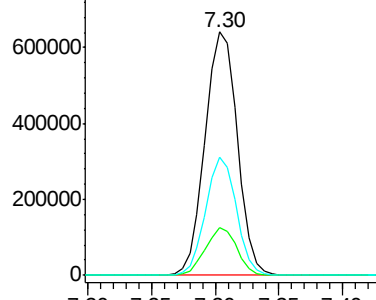
Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	48.7	41.5	62.3



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

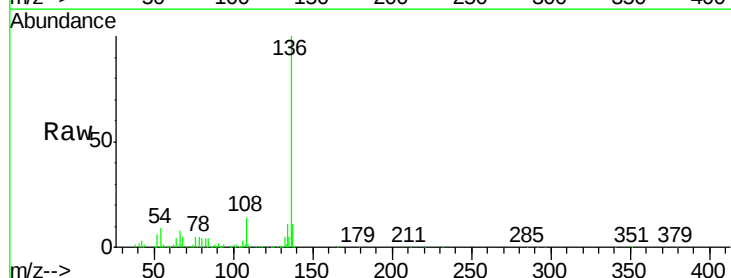
Delta R.T. 0.00 min

Lab File: BG022929.D

Acq: 8 Jul 2016 13:24

Tgt Ion: 136 Resp: 453707

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.7	7.3	10.9
68	5.1	5.3	7.9#

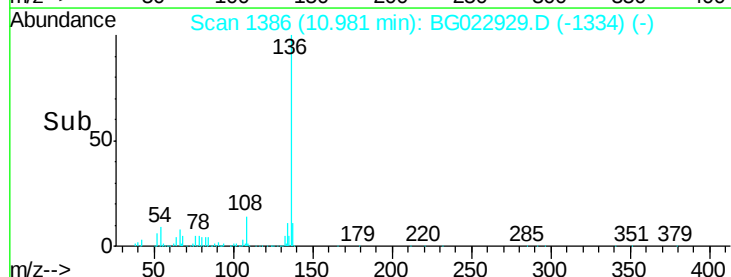
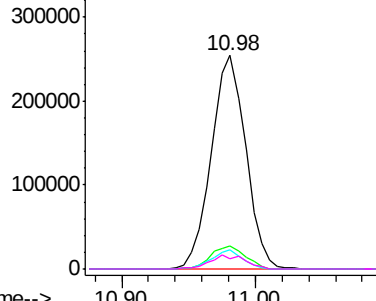


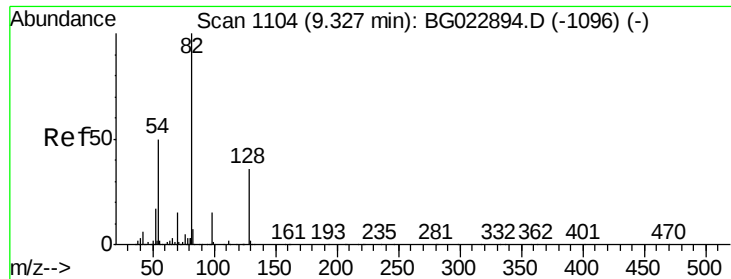
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

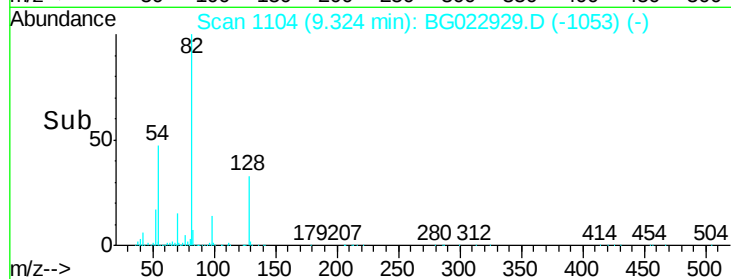
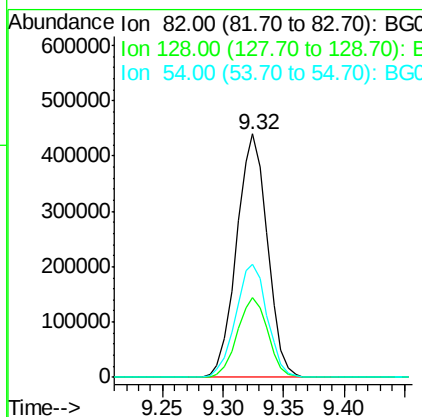
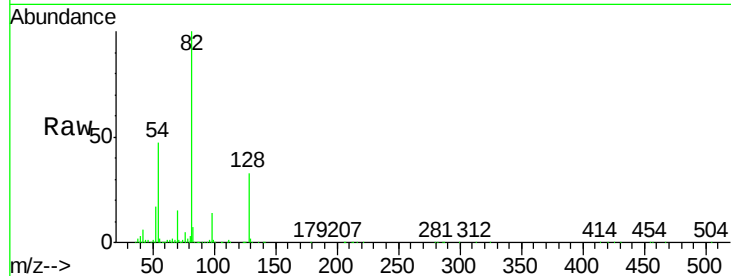




#23
 Nitrobenzene-d5
 Concen: 73.80 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022929.D
 Acq: 8 Jul 2016 13:24

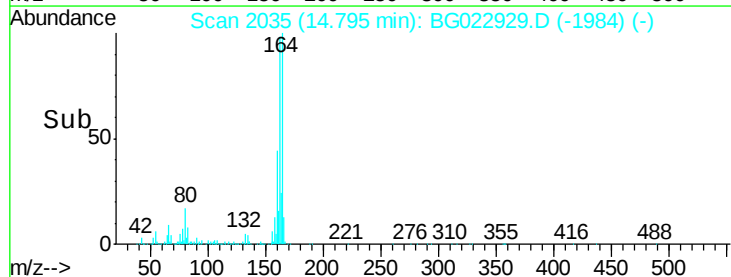
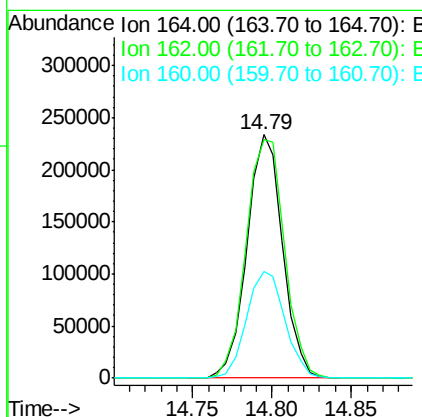
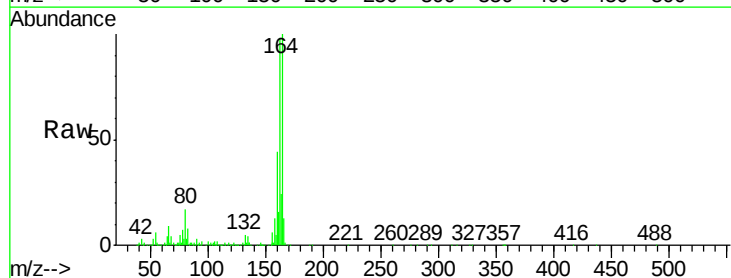
Instrument :
 BNA_G
 ClientSampled :

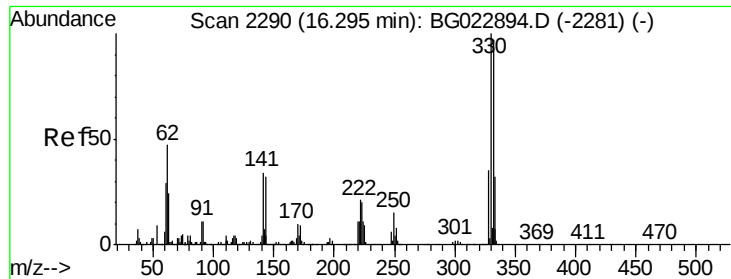
Tot Ion	82	Resp	781942
Ion Ratio	Lower	Upper	
82	100		
128	32.5	24.4	36.6
54	46.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022929.D
 Acq: 8 Jul 2016 13:24

Tgt Ion	164	Resp	363690
Ion Ratio	Lower	Upper	
164	100		
162	97.7	87.7	131.5
160	43.6	37.2	55.8

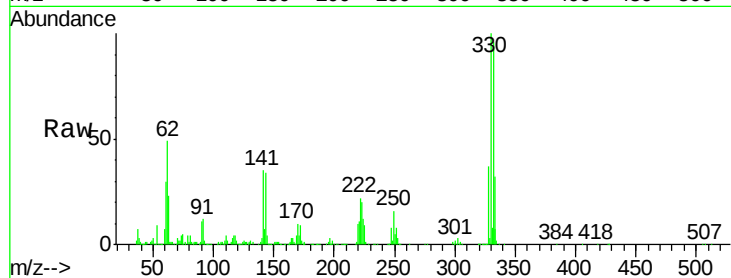




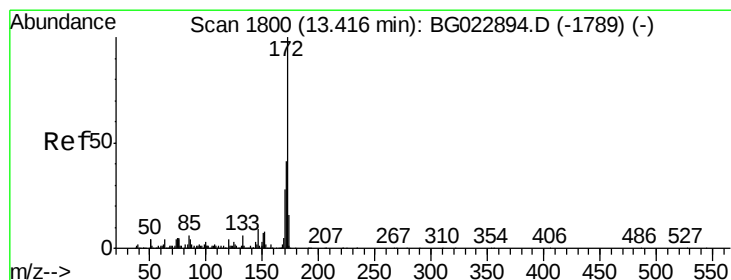
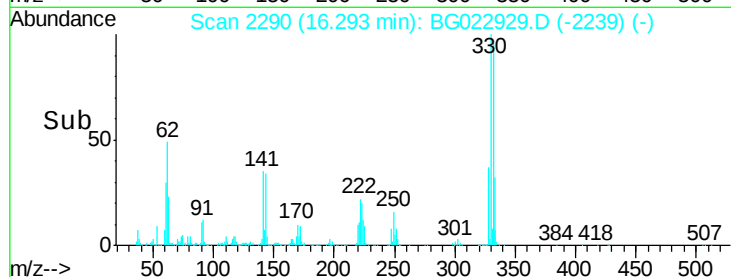
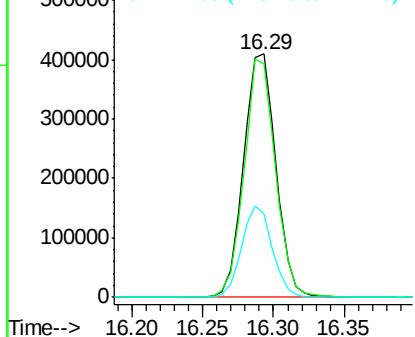
#41
 2,4,6-Tribromophenol
 Concen: 100.68 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022929.D
 Acq: 8 Jul 2016 13:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 658062
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 35.6 31.7 47.5

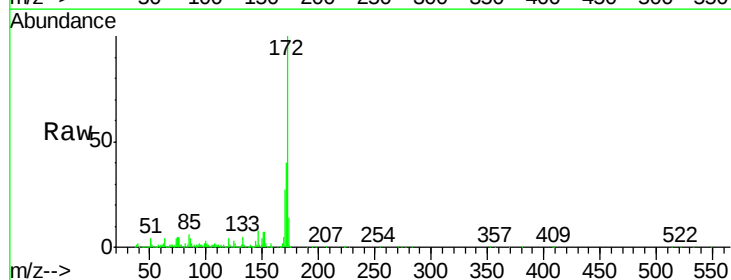


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

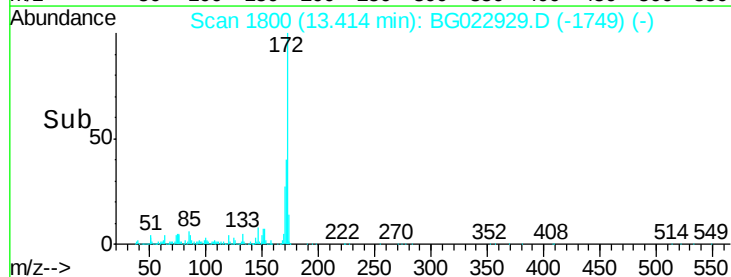
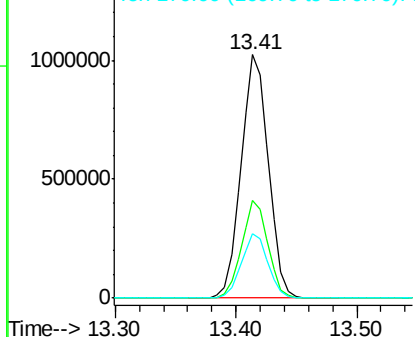


#44
 2-Fluorobiphenyl
 Concen: 69.78 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022929.D
 Acq: 8 Jul 2016 13:24

Tgt Ion:172 Resp: 1611200
 Ion Ratio Lower Upper
 172 100
 171 40.1 31.6 47.4
 170 26.7 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

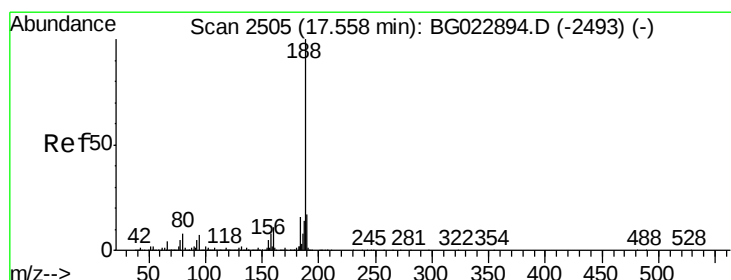
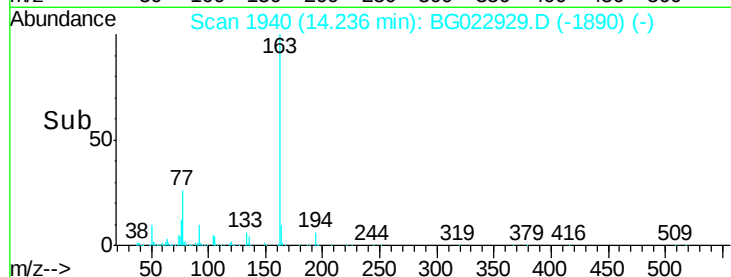
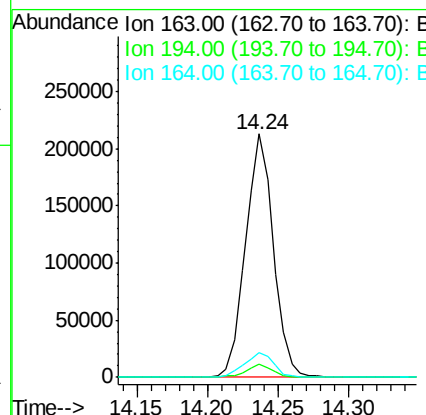
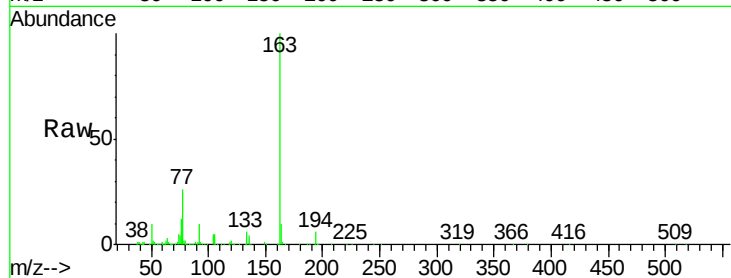




#49
Dimethylphthalate
Concen: 9.91 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022929.D
Acq: 8 Jul 2016 13:24

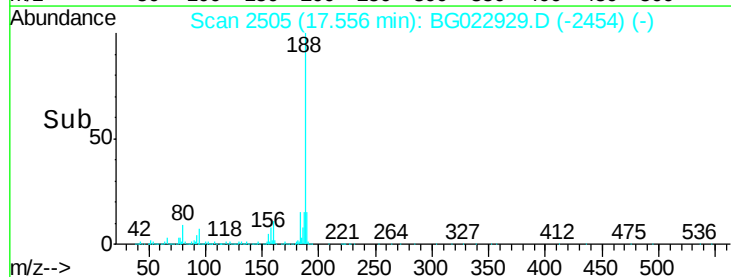
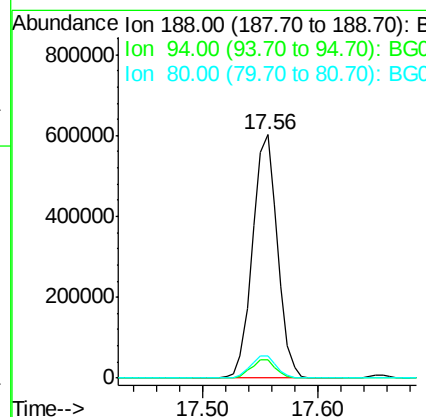
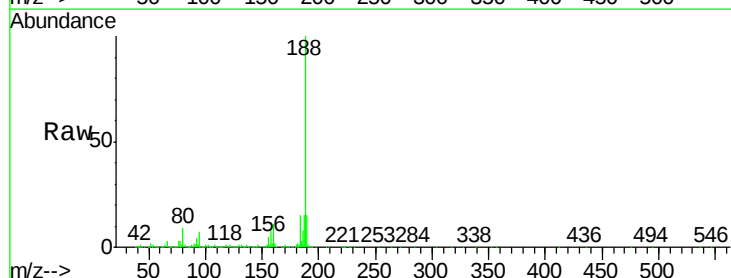
Instrument :
BNA_G
ClientSampled :

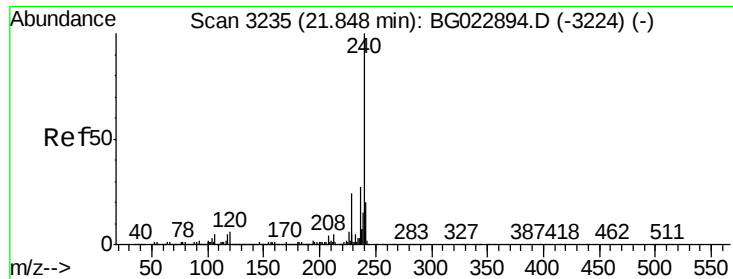
Tot Ion:163 Resp: 294305
Ion Ratio Lower Upper
163 100
194 5.5 3.6 5.4#
164 10.1 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022929.D
Acq: 8 Jul 2016 13:24

Tgt Ion:188 Resp: 899108
Ion Ratio Lower Upper
188 100
94 7.3 5.2 7.8
80 8.9 7.2 10.8

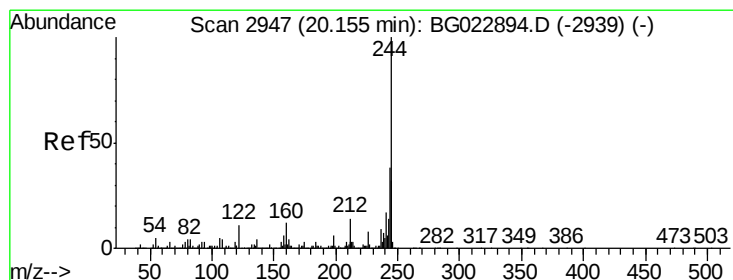
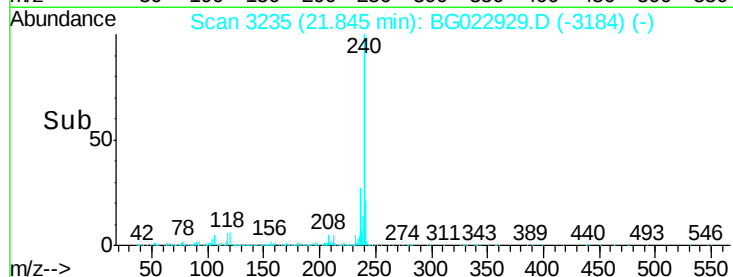
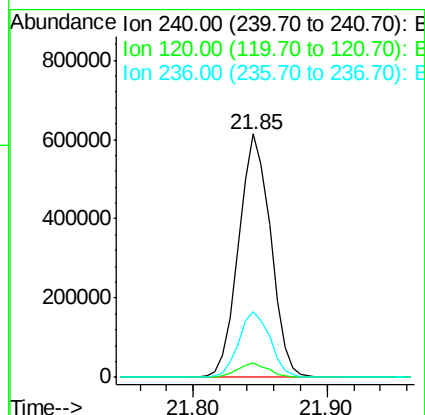
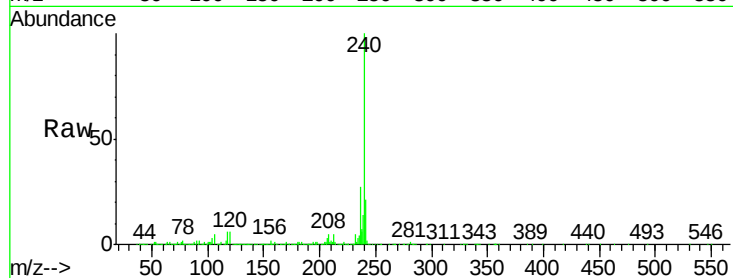




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022929.D
 Acq: 8 Jul 2016 13:24

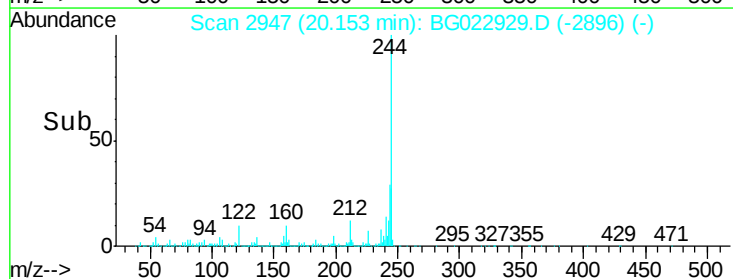
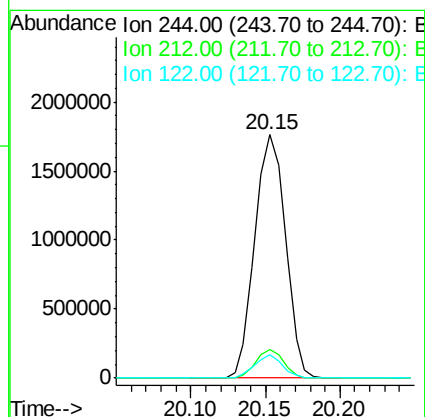
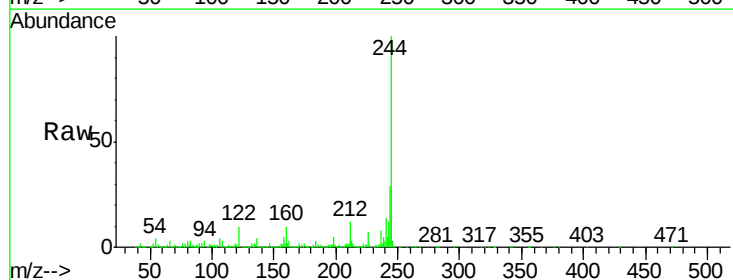
Instrument :
 BNA_G
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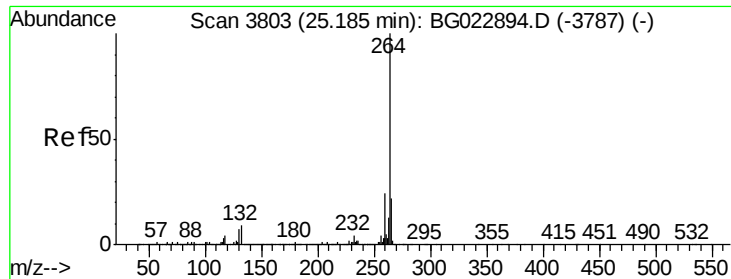
Tot Ion:240 Resp: 1014551
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.1 6.1
 236 26.8 21.1 31.7



#78
 Terphenyl-d14
 Concen: 74.80 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG022929.D
 Acq: 8 Jul 2016 13:24

Tgt Ion:244 Resp: 2504965
 Ion Ratio Lower Upper
 244 100
 212 11.6 10.8 16.2
 122 9.8 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: BG022929.D
 Acq: 8 Jul 2016 13:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 1027043

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.9	18.9	28.3

