

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022931.D
 Acq On : 8 Jul 2016 14:44
 Operator : UM/SJ
 Sample : H3876-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4-B-LOCATION-4-15-20FT

Quant Time: Jul 08 17:37:31 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

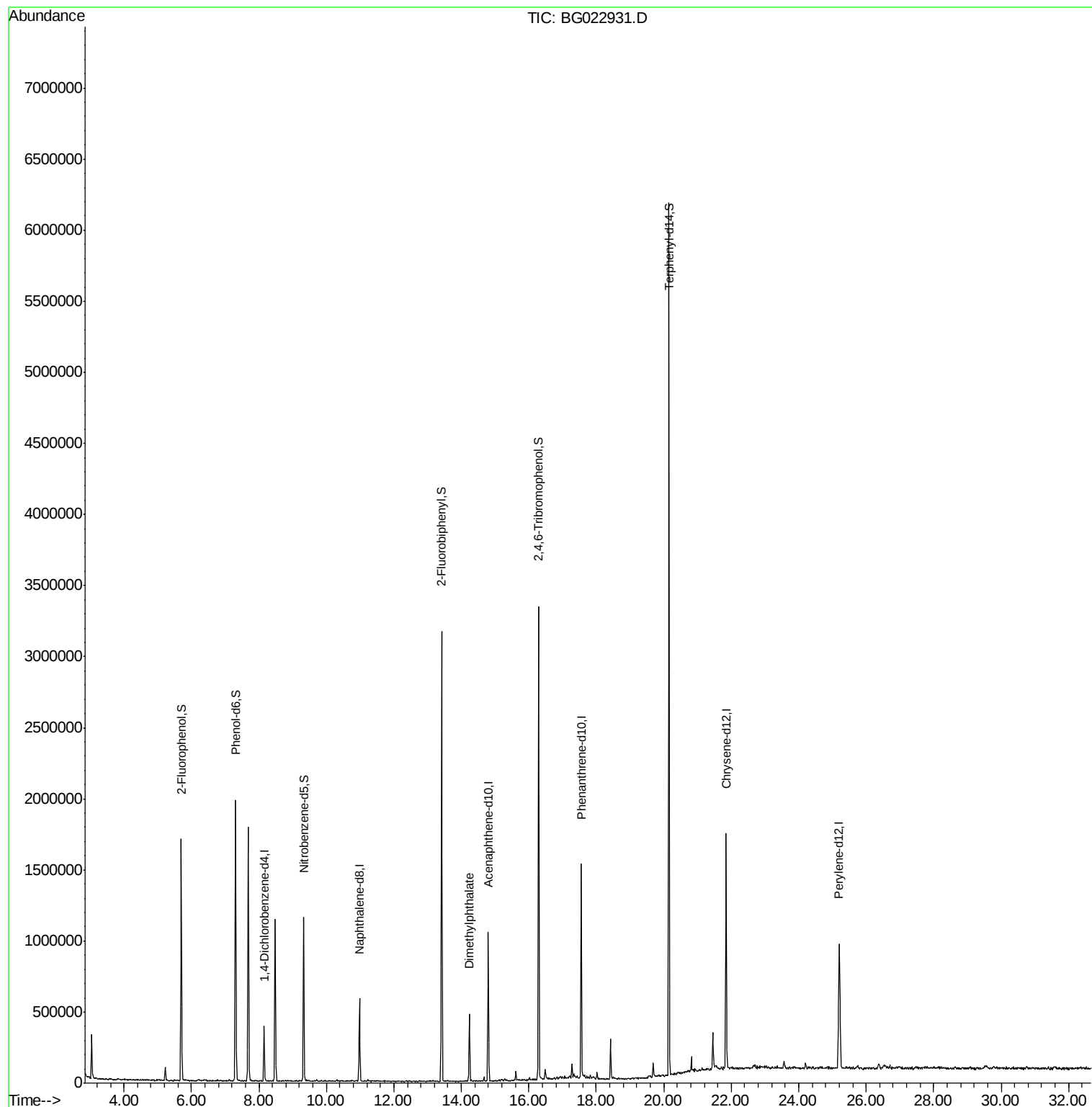
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	102918	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	453217	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	375007	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	906143	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1034741	20.00	ng	0.00
86) Perylene-d12	25.20	264	1062684	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	680719	108.18	ng	0.00
7) Phenol-d6	7.31	99	1075971	109.17	ng	0.00
23) Nitrobenzene-d5	9.33	82	746042	70.48	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	625900	92.87	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1552368	65.20	ng	0.00
78) Terphenyl-d14	20.16	244	2421384	69.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	308767	10.08	ng	Qvalue 97

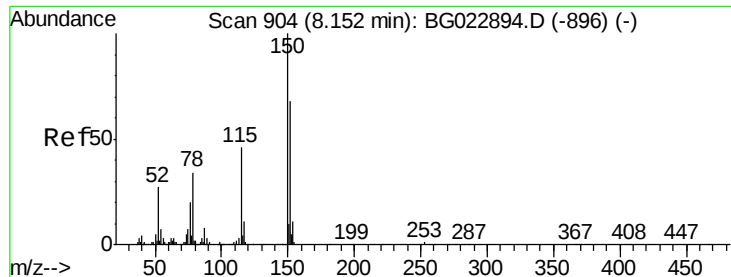
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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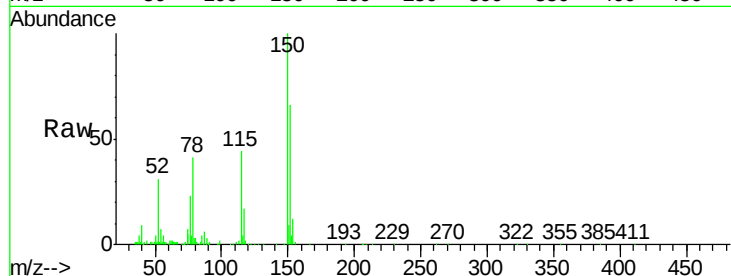


#1

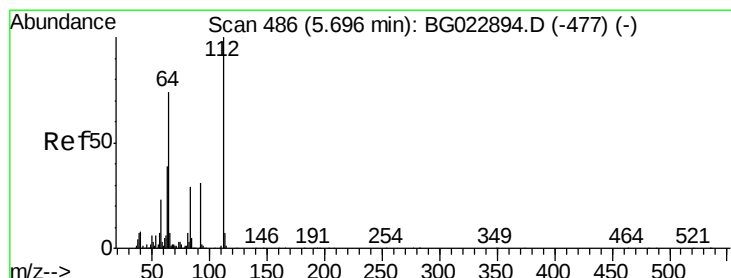
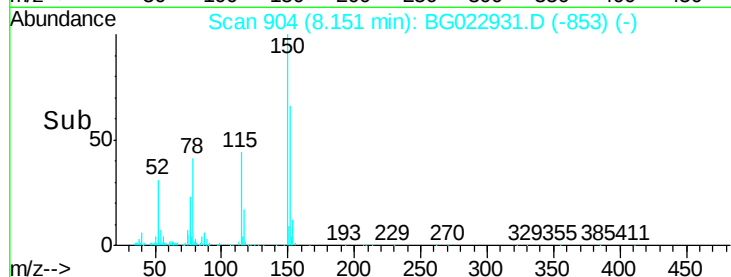
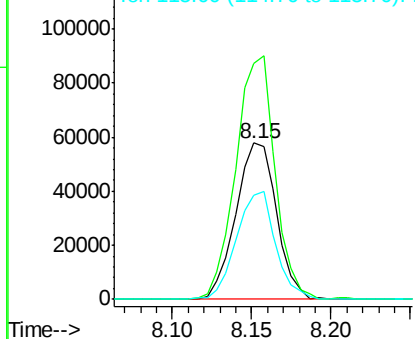
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022931.D
Acq: 8 Jul 2016 14:44

Instrument :
BNA_G
ClientSampleId :
4-B-LOCATION-4-15-20FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	144.7	217.1
115	66.6	64.0	96.0



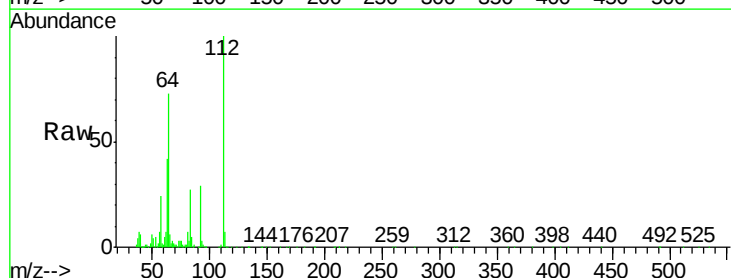
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



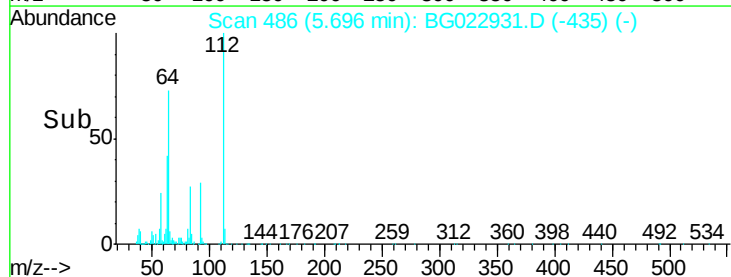
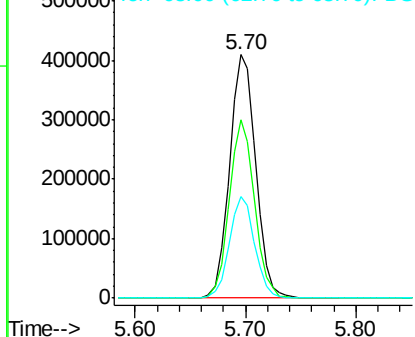
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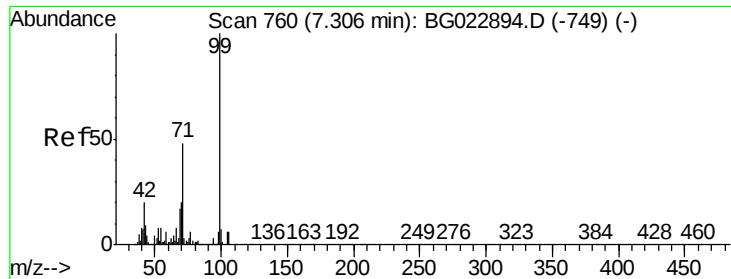
2-Fluorophenol
Concen: 108.18 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG022931.D
Acq: 8 Jul 2016 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	59.0	88.4
63	41.5	37.8	56.8



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





#7

Phenol-d6

Concen: 109.17 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022931.D

Acq: 8 Jul 2016 14:44

Instrument :

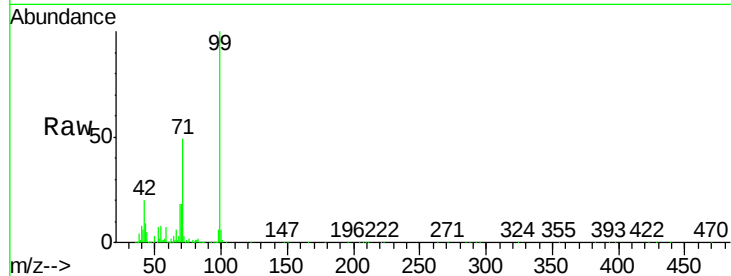
BNA_G

ClientSampleId :

4-B-LOCATION-4-15-20FT

Tot Ion: 99 Resp: 1075971

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	48.7	41.5	62.3

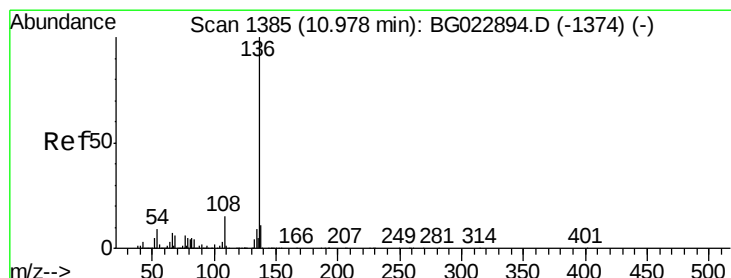
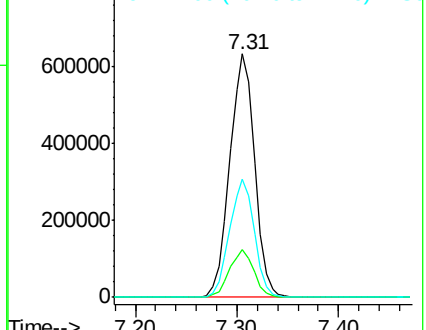
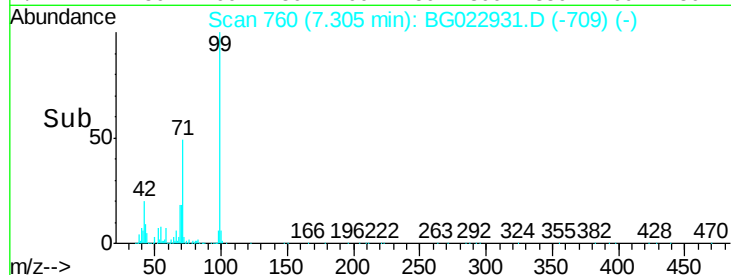


Abundance

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# 1385

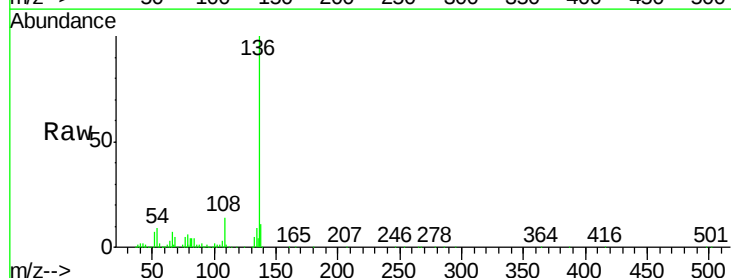
Delta R.T. -0.00 min

Lab File: BG022931.D

Acq: 8 Jul 2016 14:44

Tgt Ion: 136 Resp: 453217

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.5	7.3	10.9
68	4.7	5.3	7.9#



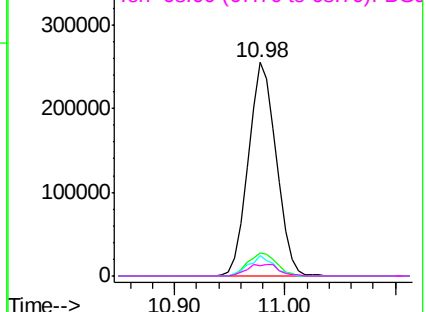
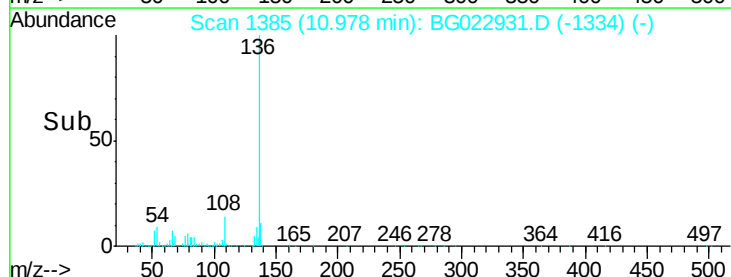
Abundance

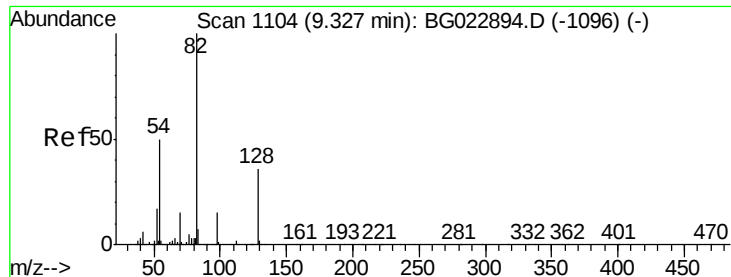
Ion 136.00 (135.70 to 136.70): BGC

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

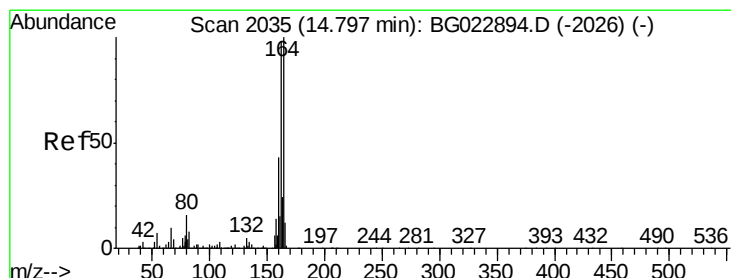
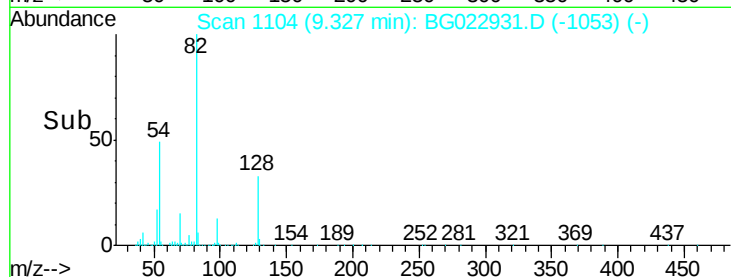
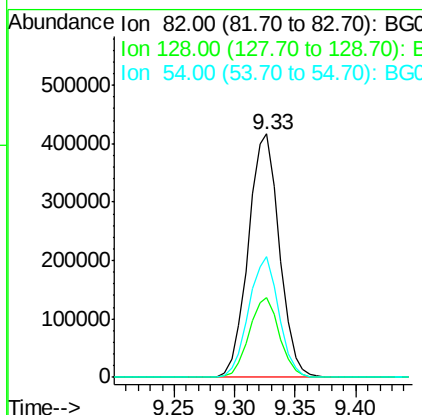
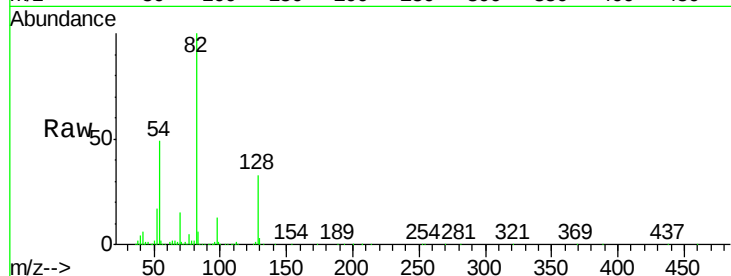




#23
 Nitrobenzene-d5
 Concen: 70.48 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

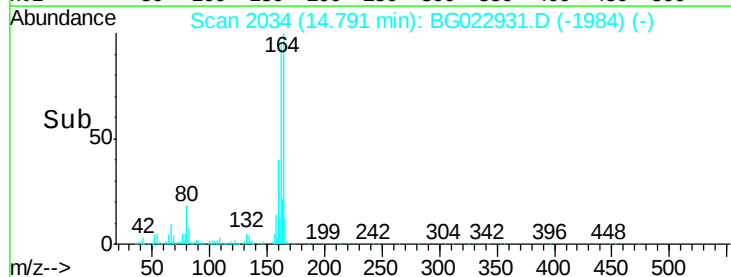
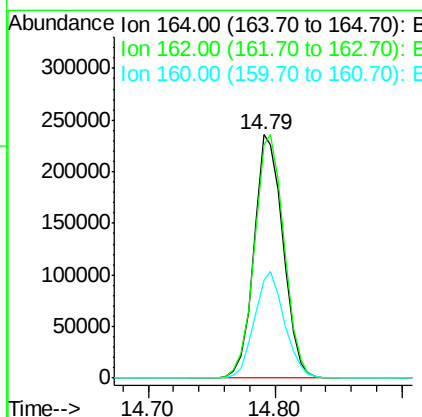
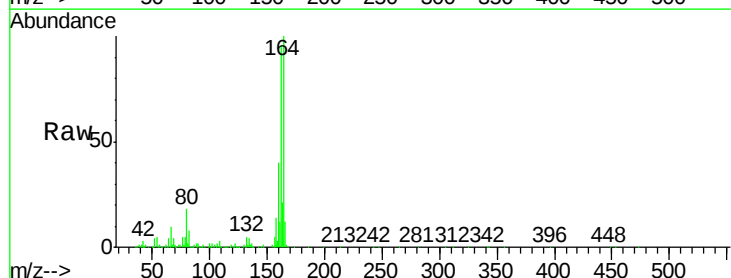
Instrument :
 BNA_G
 ClientSampleId :
 4-B-LOCATION-4-15-20FT

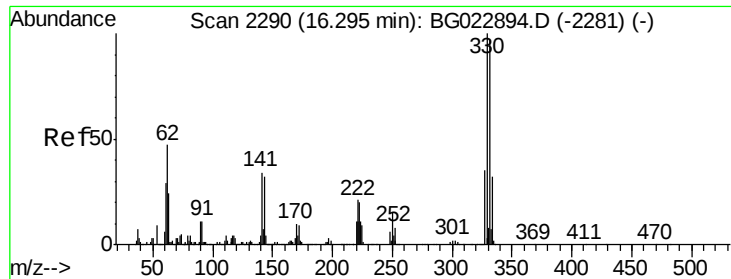
Tot Ion	82	Resp	746042
Ion Ratio	Lower	Upper	
82	100		
128	32.5	24.4	36.6
54	49.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

Tgt Ion	164	Resp	375007
Ion Ratio	Lower	Upper	
164	100		
162	95.9	87.7	131.5
160	39.9	37.2	55.8

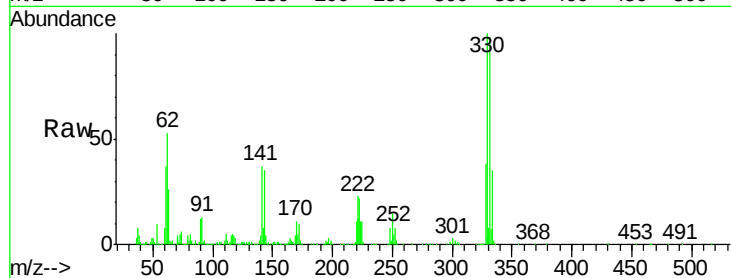




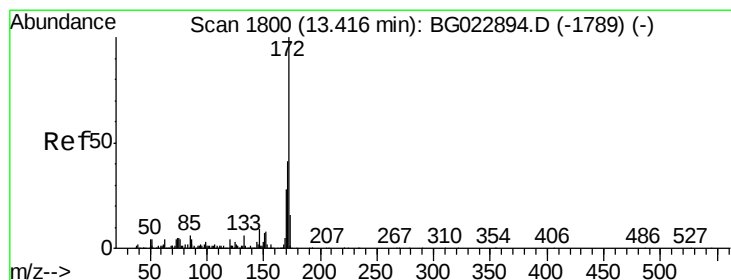
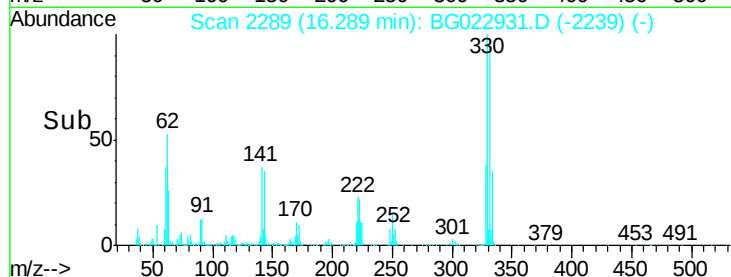
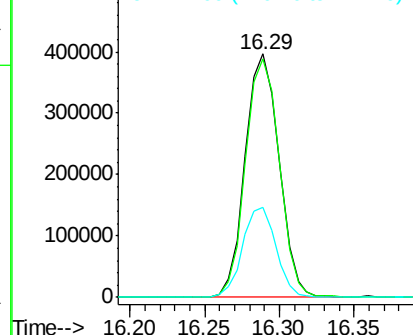
#41
 2,4,6-Tribromophenol
 Concen: 92.87 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

Instrument :
 BNA_G
 ClientSampleId :
 4-B-LOCATION-4-15-20FT

Tot Ion:330 Resp: 625900
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 36.8 31.7 47.5

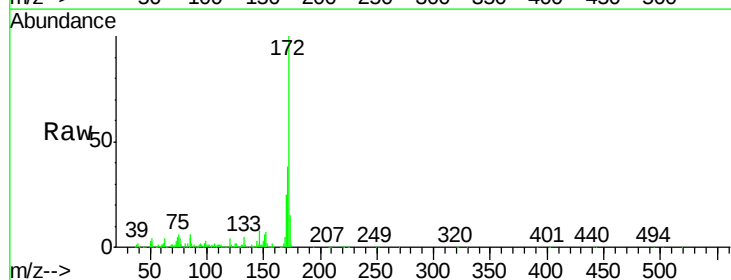


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

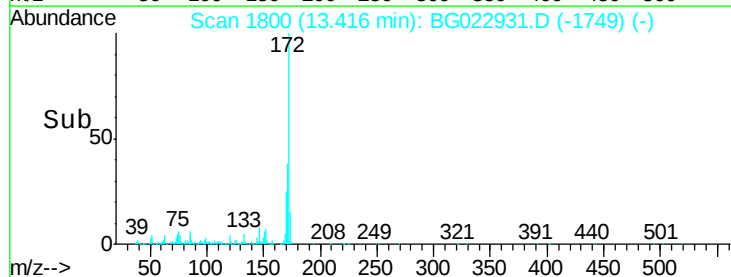
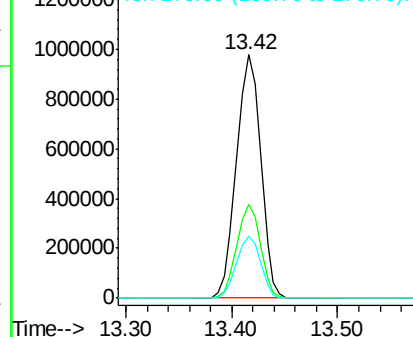


#44
 2-Fluorobiphenyl
 Concen: 65.20 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

Tgt Ion:172 Resp: 1552368
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.6 47.4
 170 25.4 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

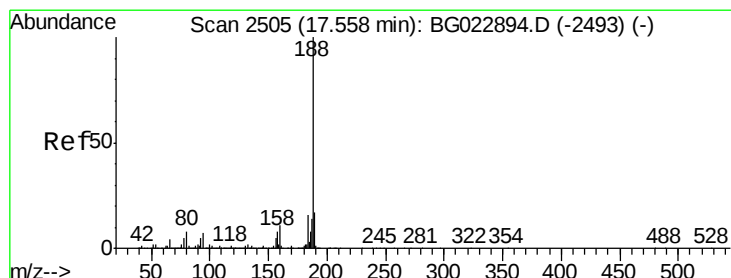
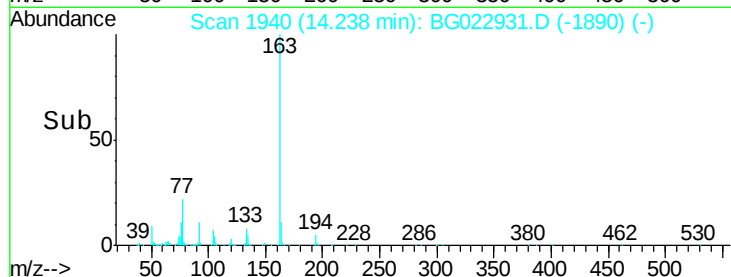
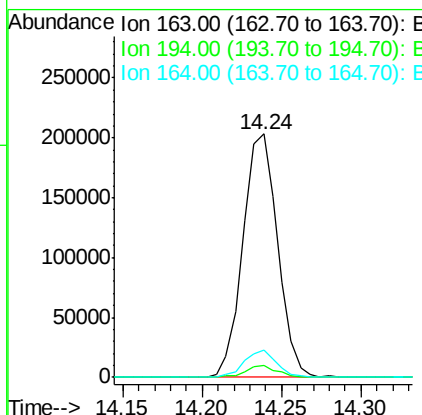
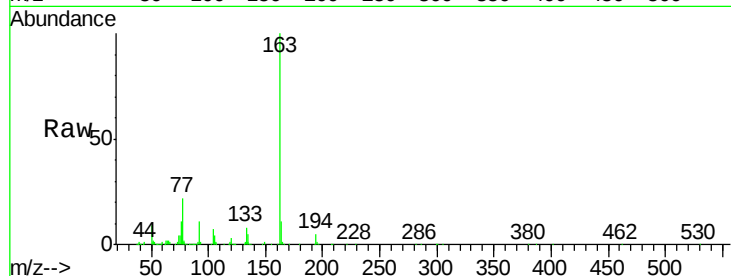




#49
Dimethylphthalate
Concen: 10.08 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022931.D
Acq: 8 Jul 2016 14:44

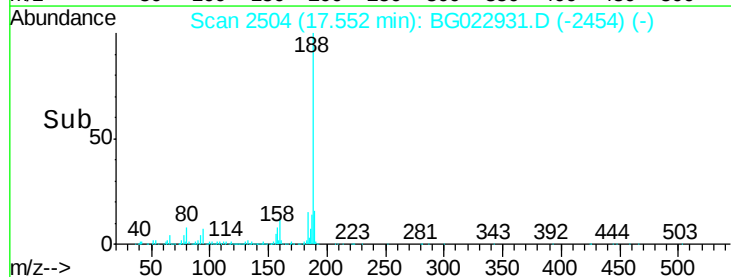
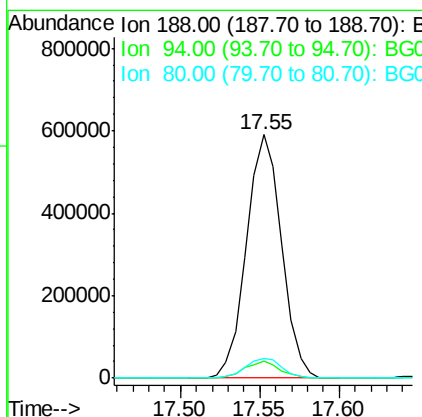
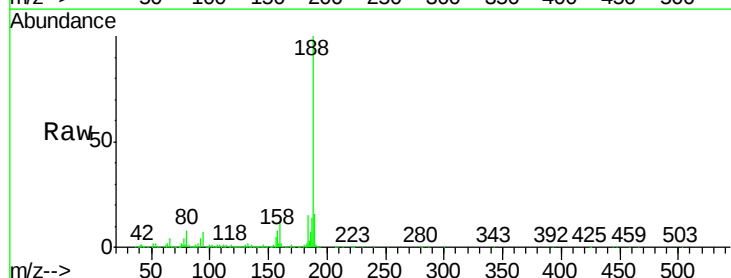
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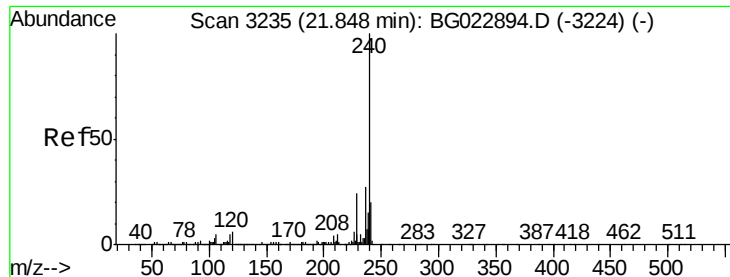
Tot Ion:163 Resp: 308767
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 11.3 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022931.D
Acq: 8 Jul 2016 14:44

Tgt Ion:188 Resp: 906143
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.3 7.2 10.8

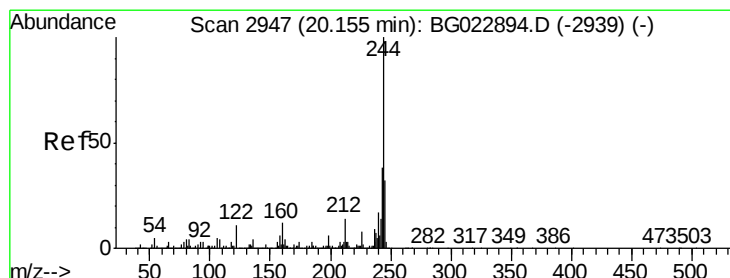
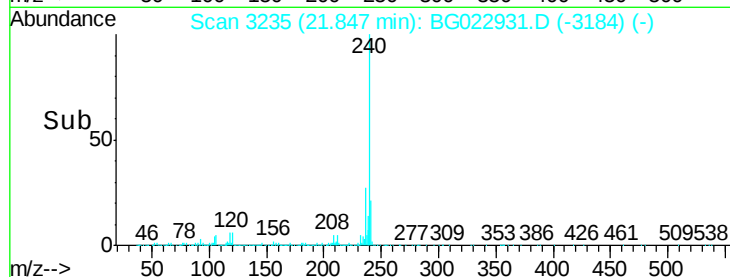
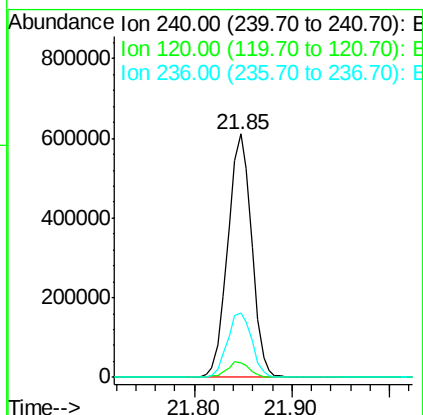
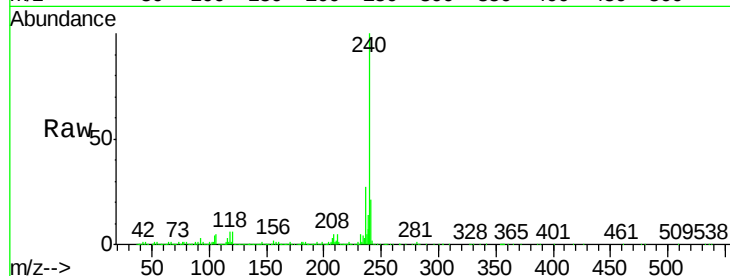




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

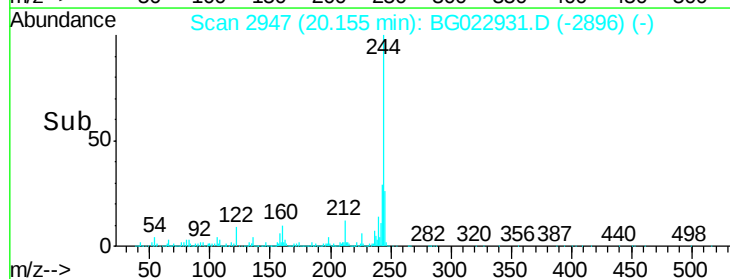
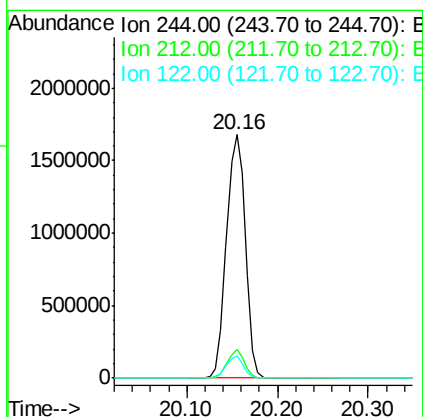
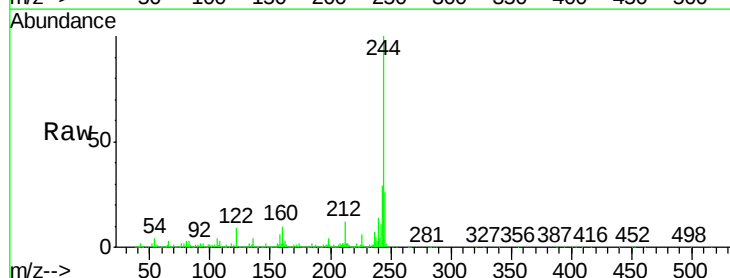
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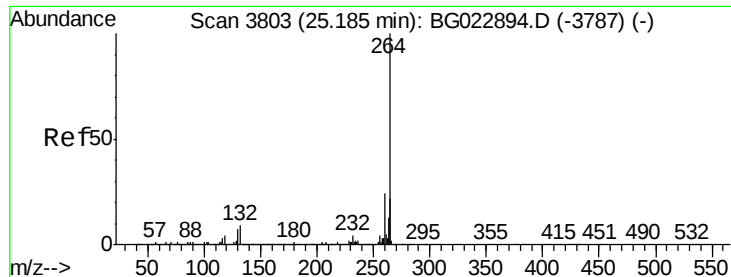
Tot Ion:240 Resp: 1034741
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.1 6.1#
 236 26.6 21.1 31.7



#78
 Terphenyl-d14
 Concen: 69.06 ng
 RT: 20.16 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BG022931.D
 Acq: 8 Jul 2016 14:44

Tgt Ion:244 Resp: 2421384
 Ion Ratio Lower Upper
 244 100
 212 11.8 10.8 16.2
 122 9.3 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: BG022931.D
 Acq: 8 Jul 2016 14:44

Instrument :
 BNA_G
 ClientSampleId :
 4-B-LOCATION-4-15-20FT

Tot Ion:264 Resp: 1062684

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.4	27.6
265	20.5	18.9	28.3

