

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032912.D
 Acq On : 1 Mar 2018 7:49
 Operator : SJ/JU
 Sample : J1712-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2014-TRANS-LAUREL

Quant Time: Mar 01 10:59:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

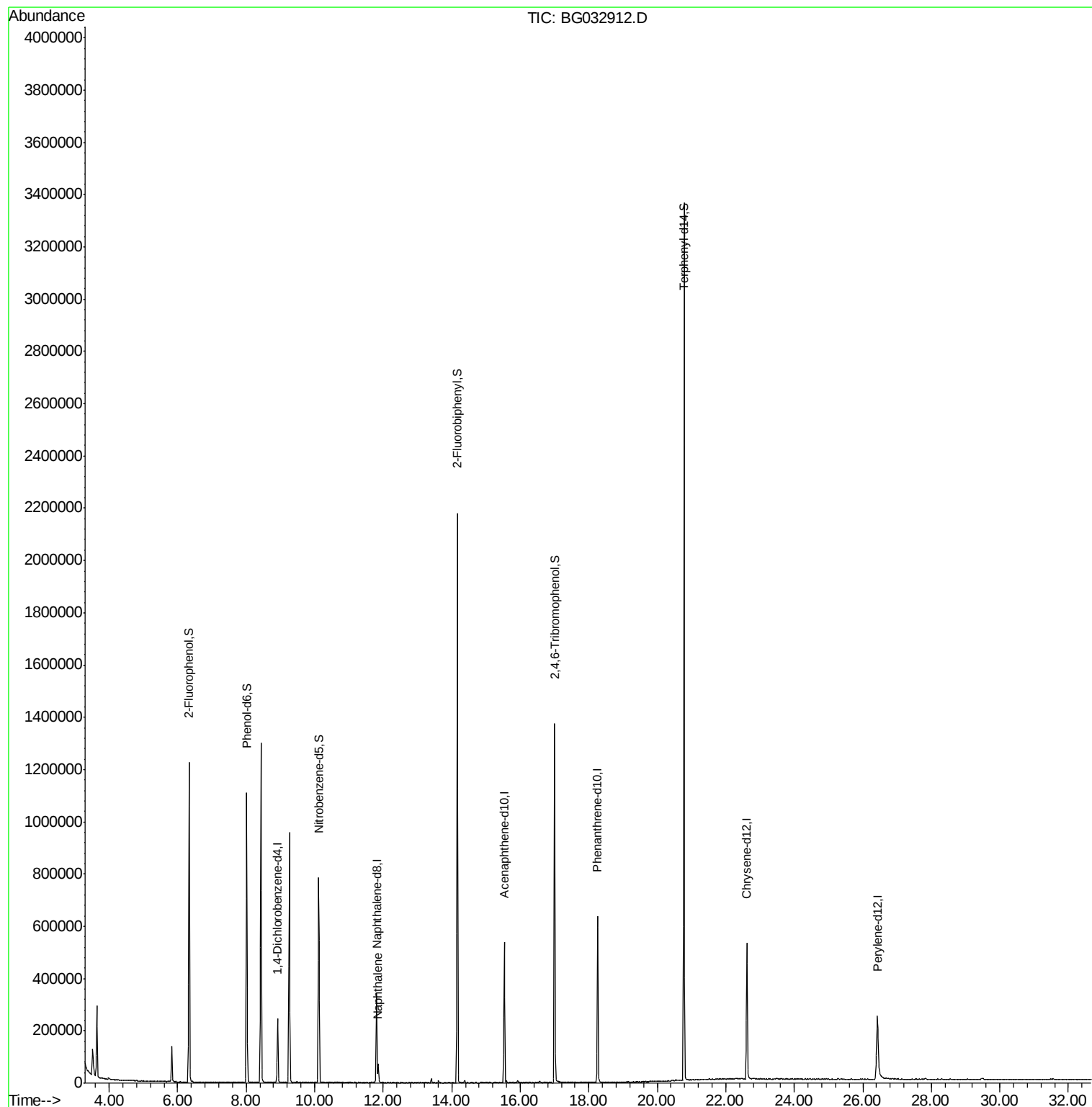
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	71987	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	313425	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	179624	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	389096	20.00	ng	0.00
75) Chrysene-d12	22.62	240	347521	20.00	ng	-0.01
86) Perylene-d12	26.43	264	331668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	575273	127.85	ng	0.00
7) Phenol-d6	8.01	99	697513	111.21	ng	0.00
23) Nitrobenzene-d5	10.12	82	490940	105.93	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	231890	122.78	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1110045	89.13	ng	0.00
78) Terphenyl-d14	20.78	244	1509074	97.56	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	62365	3.808	ng	Qvalue 99

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

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QLast Update : Mon Feb 26 17:50:45 2018
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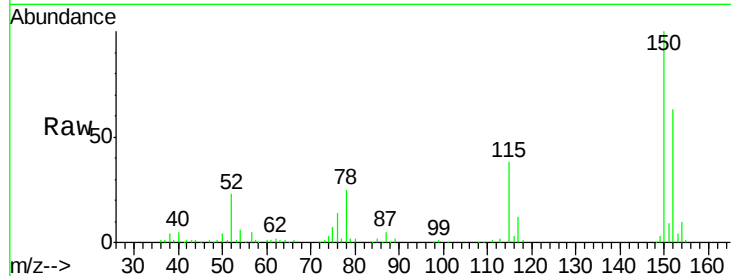


#1

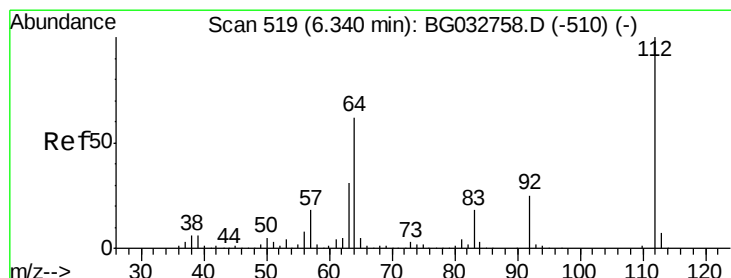
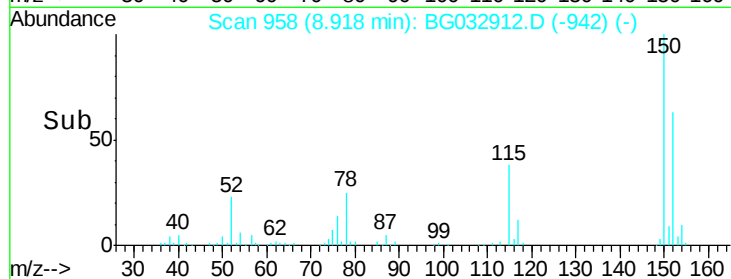
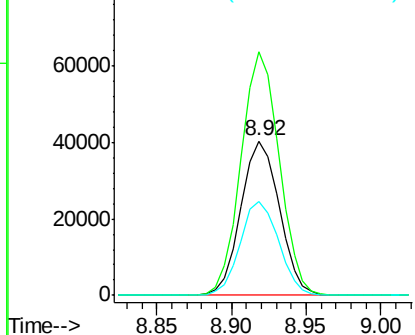
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032912.D
Acq: 1 Mar 2018 7:49

Instrument :
BNA_G
ClientSampleId :
2014-TRANS-LAUREL

Tot Ion:152 Resp: 71987
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 60.7 53.0 79.4



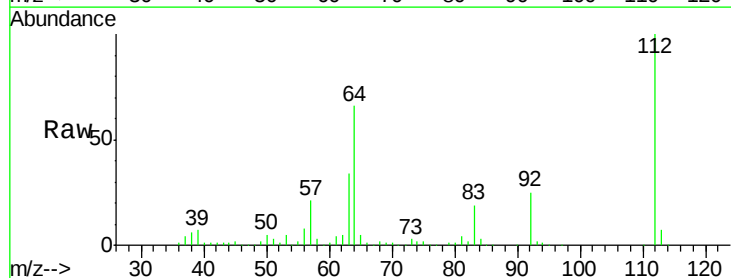
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



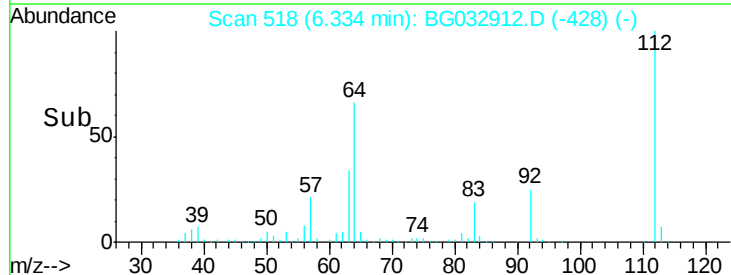
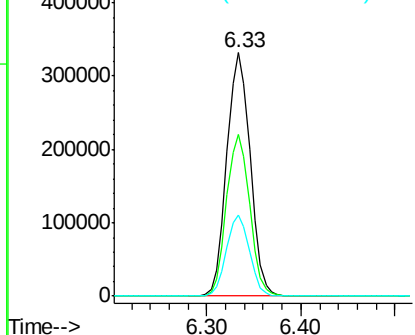
#5

2-Fluorophenol
Concen: 127.850 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032912.D
Acq: 1 Mar 2018 7:49

Tgt Ion:112 Resp: 575273
Ion Ratio Lower Upper
112 100
64 66.5 56.3 84.5
63 33.5 30.1 45.1



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: 111.214 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032912.D

Acq: 1 Mar 2018 7:49

Instrument :

BNA_G

ClientSampleId :

2014-TRANS-LAUREL

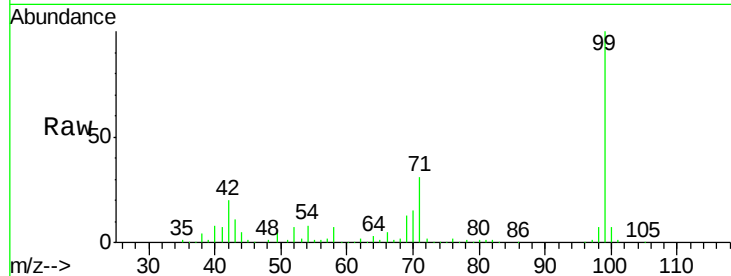
Tot Ion: 99 Resp: 697513

Ion Ratio Lower Upper

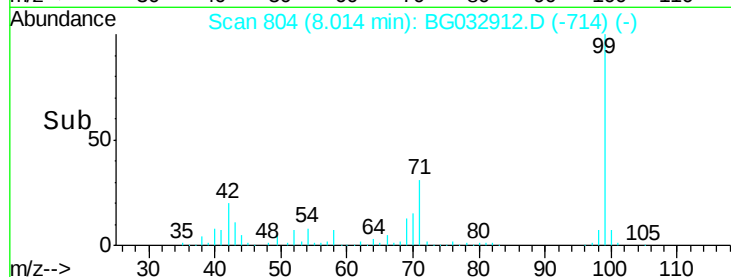
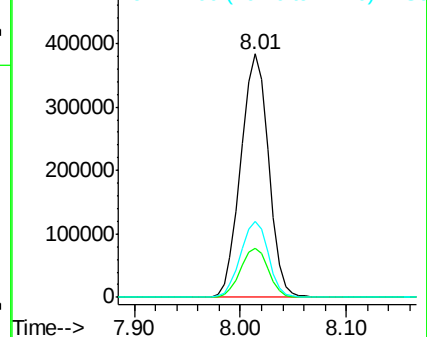
99 100

42 20.0 14.1 21.1

71 31.1 26.1 39.1



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: 20.000 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG032912.D

Acq: 1 Mar 2018 7:49

Tgt Ion: 136 Resp: 313425

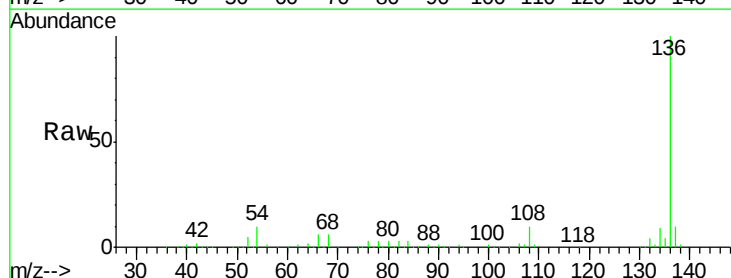
Ion Ratio Lower Upper

136 100

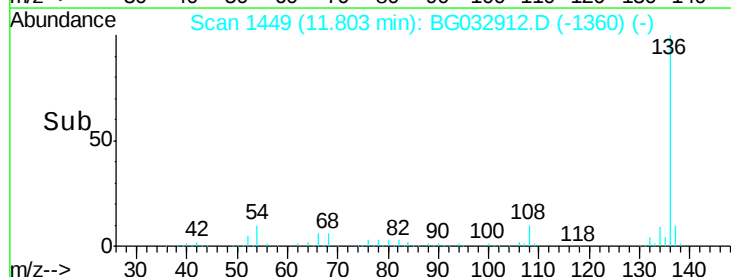
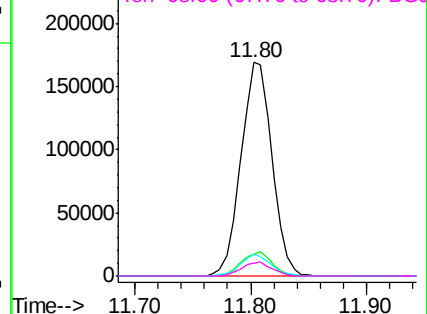
137 10.1 9.2 13.8

54 10.0 10.3 15.5#

68 6.2 4.5 6.7



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

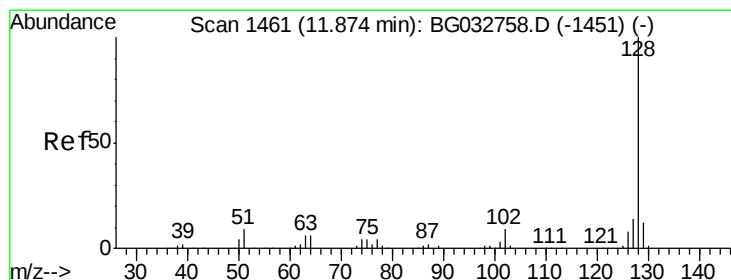
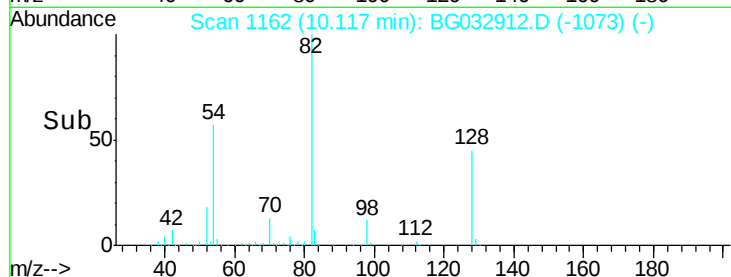
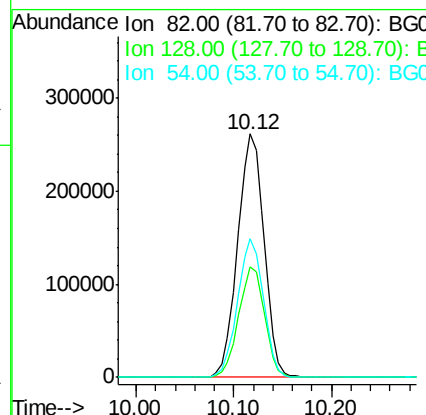
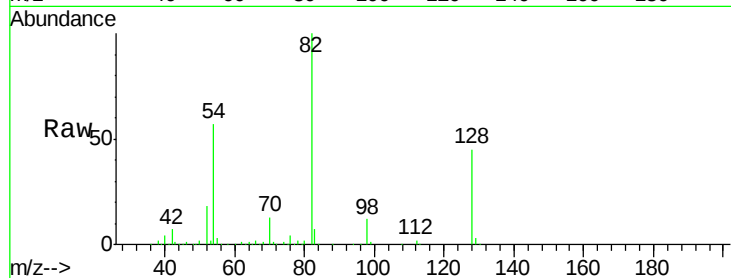




#23
 Nitrobenzene-d5
 Concen: 105.935 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG032912.D
 Acq: 1 Mar 2018 7:49

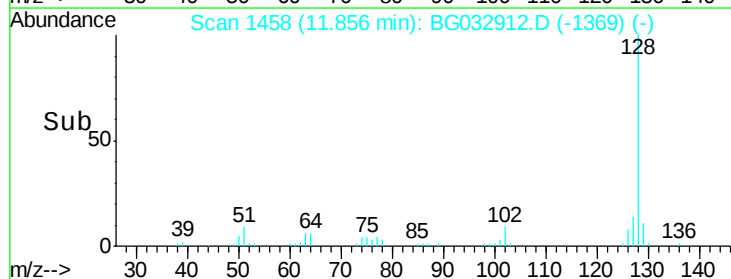
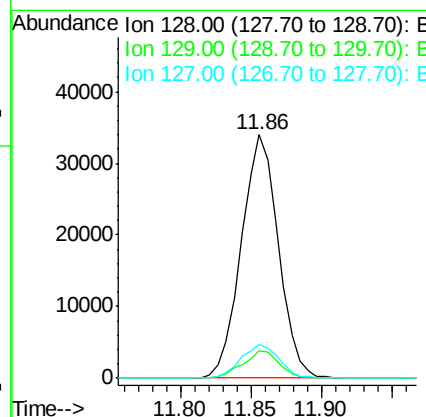
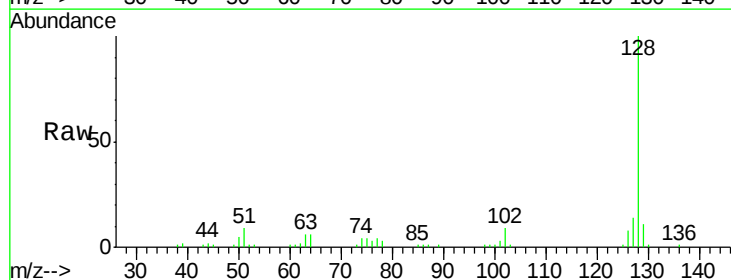
Instrument :
 BNA_G
 ClientSampleId :
 2014-TRANS-LAUREL

Tot Ion	82	Resp	490940
Ion Ratio	Lower	Upper	
82	100		
128	45.3	29.7	44.5#
54	57.0	43.1	64.7



#31
 Naphthalene
 Concen: 3.808 ng
 RT: 11.86 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG032912.D
 Acq: 1 Mar 2018 7:49

Tgt Ion	128	Resp	62365
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	12.8
127	14.0	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032912.D

Acq: 1 Mar 2018 7:49

Instrument :

BNA_G

ClientSampleId :

2014-TRANS-LAUREL

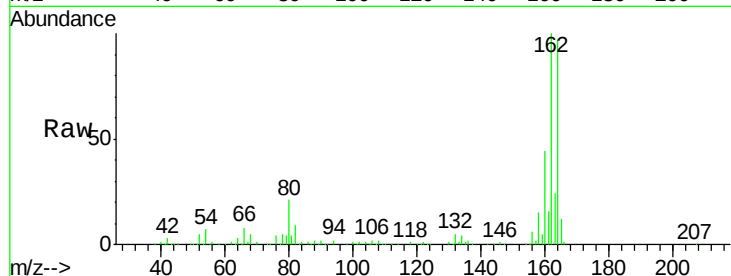
Tot Ion:164 Resp: 179624

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

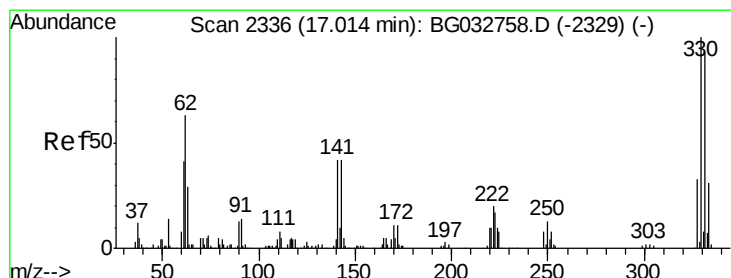
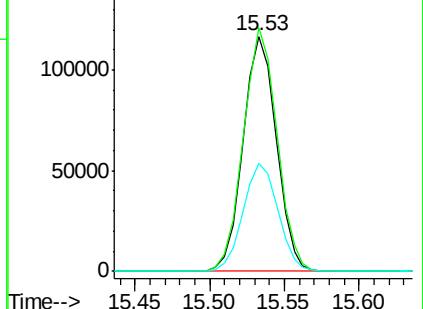
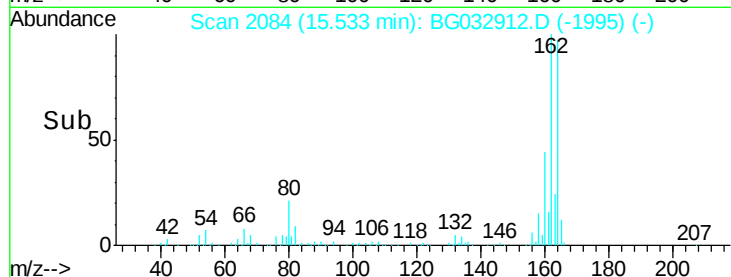
160 45.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 122.779 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BG032912.D

Acq: 1 Mar 2018 7:49

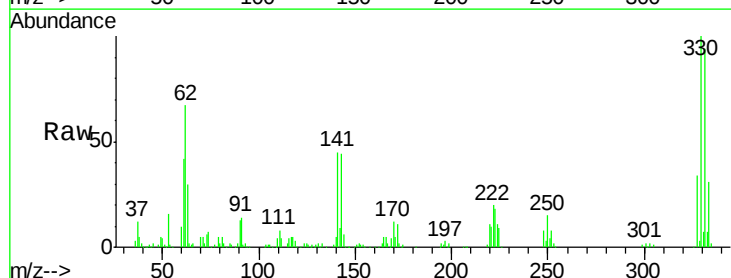
Tgt Ion:330 Resp: 231890

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

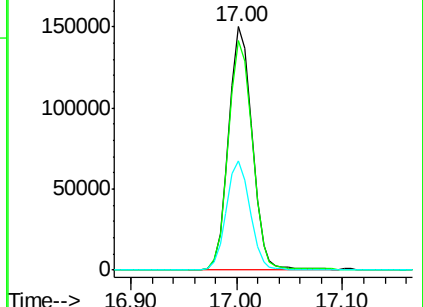
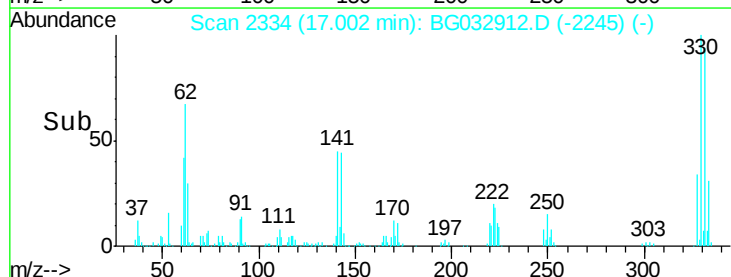
141 45.6 25.2 37.8#



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

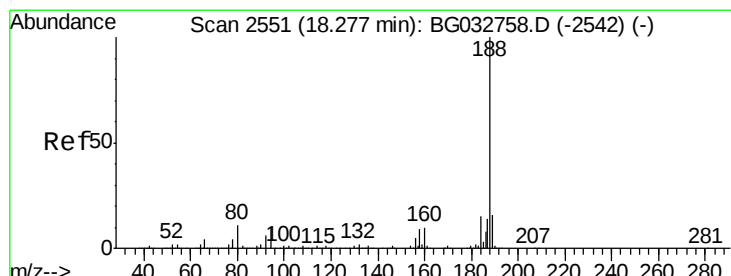
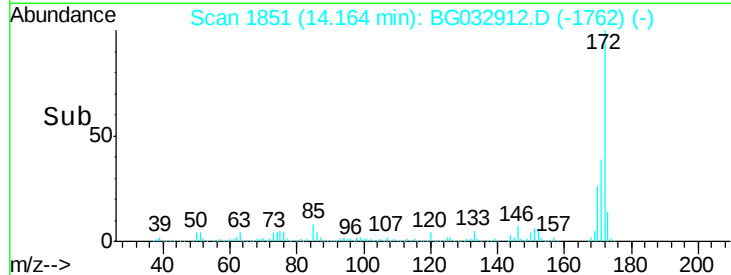
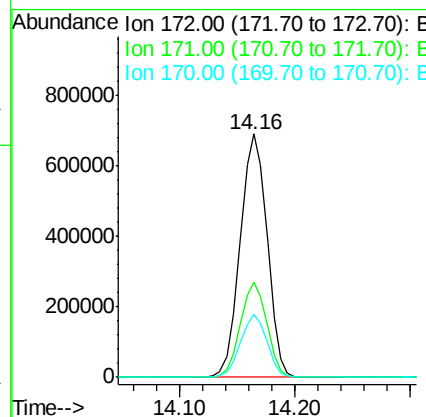
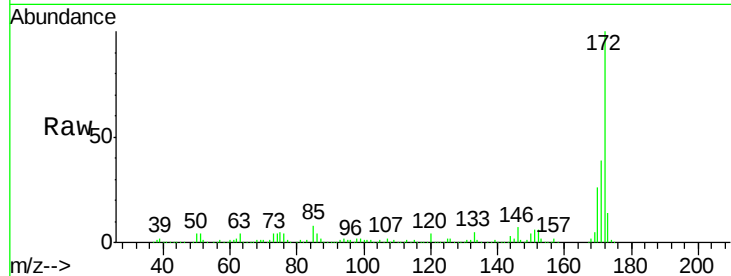




#44
 2-Fluorobiphenyl
 Concen: 89.129 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032912.D
 Acq: 1 Mar 2018 7:49

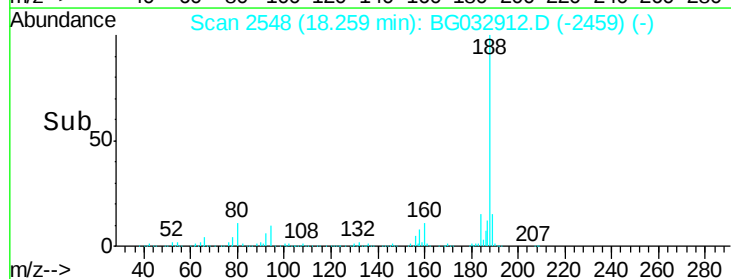
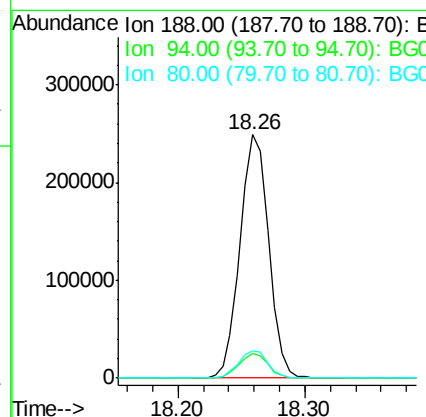
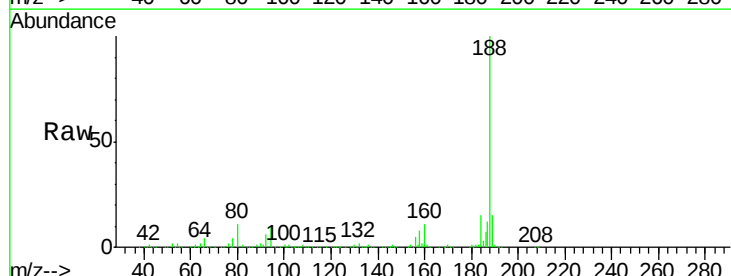
Instrument :
 BNA_G
 ClientSampleId :
 2014-TRANS-LAUREL

Tot Ion:172 Resp: 1110045
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.0 45.0
 170 25.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG032912.D
 Acq: 1 Mar 2018 7:49

Tgt Ion:188 Resp: 389096
 Ion Ratio Lower Upper
 188 100
 94 10.2 6.9 10.3
 80 11.3 7.7 11.5

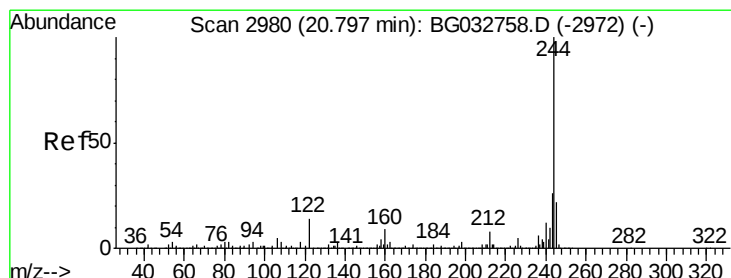
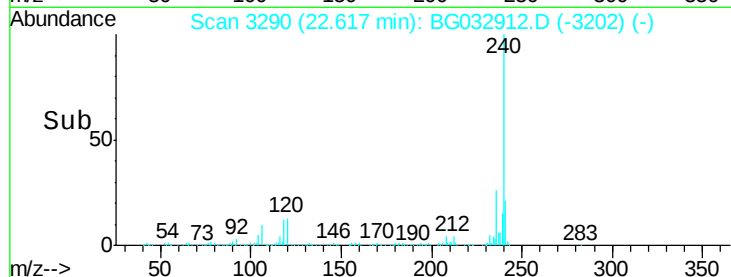
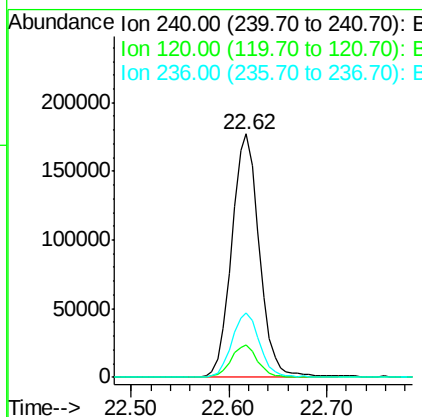
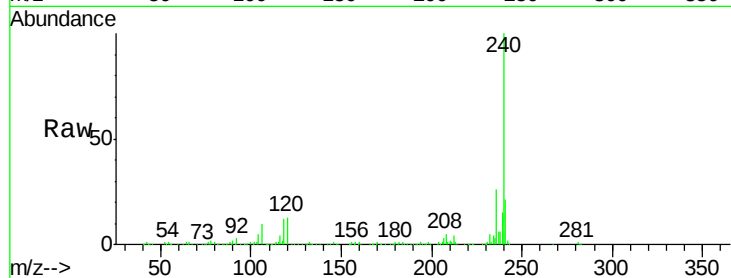




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.01 min
 Lab File: BG032912.D
 Acq: 1 Mar 2018 7:49

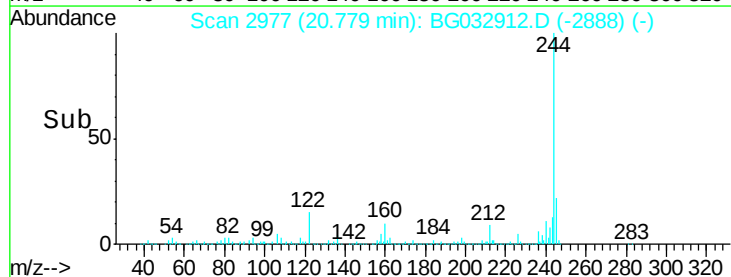
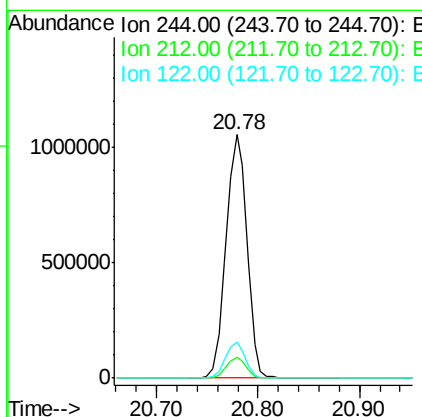
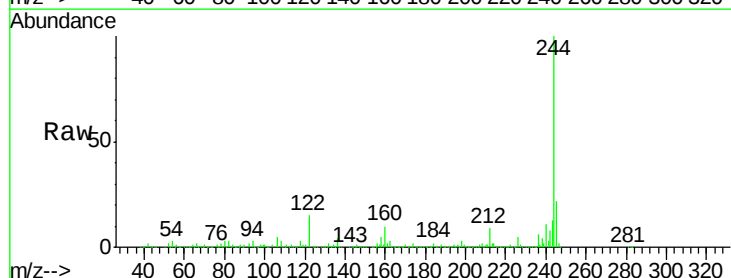
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 2014-TRANS-LAUREL

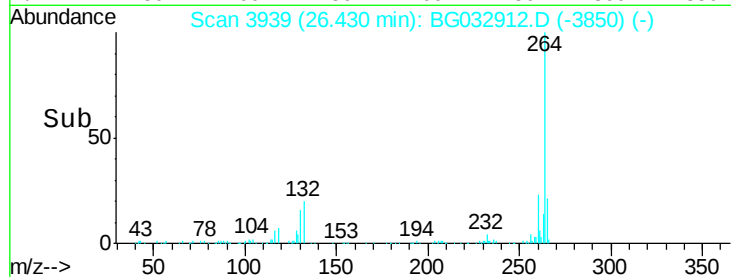
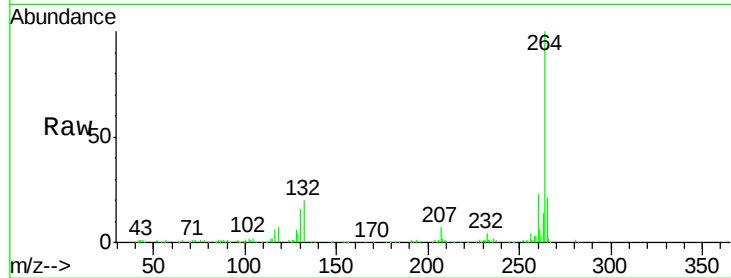
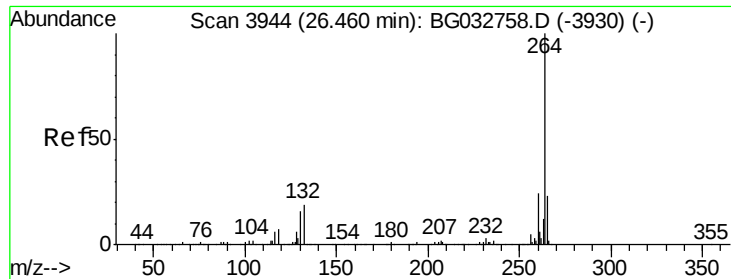
Tot Ion:240 Resp: 347521
 Ion Ratio Lower Upper
 240 100
 120 13.3 6.8 10.2#
 236 26.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 97.562 ng
 RT: 20.78 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BG032912.D
 Acq: 1 Mar 2018 7:49

Tgt Ion:244 Resp: 1509074
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 14.7 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032912.D

Acq: 1 Mar 2018 7:49

Instrument :

BNA_G

ClientSampleId :

2014-TRANS-LAUREL

Tot Ion:264 Resp: 331668

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.4 17.7 26.5

