

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032891.D
 Acq On : 28 Feb 2018 17:19
 Operator : SJ/JU
 Sample : J1399-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-022718-B

Quant Time: Mar 01 02:27:11 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

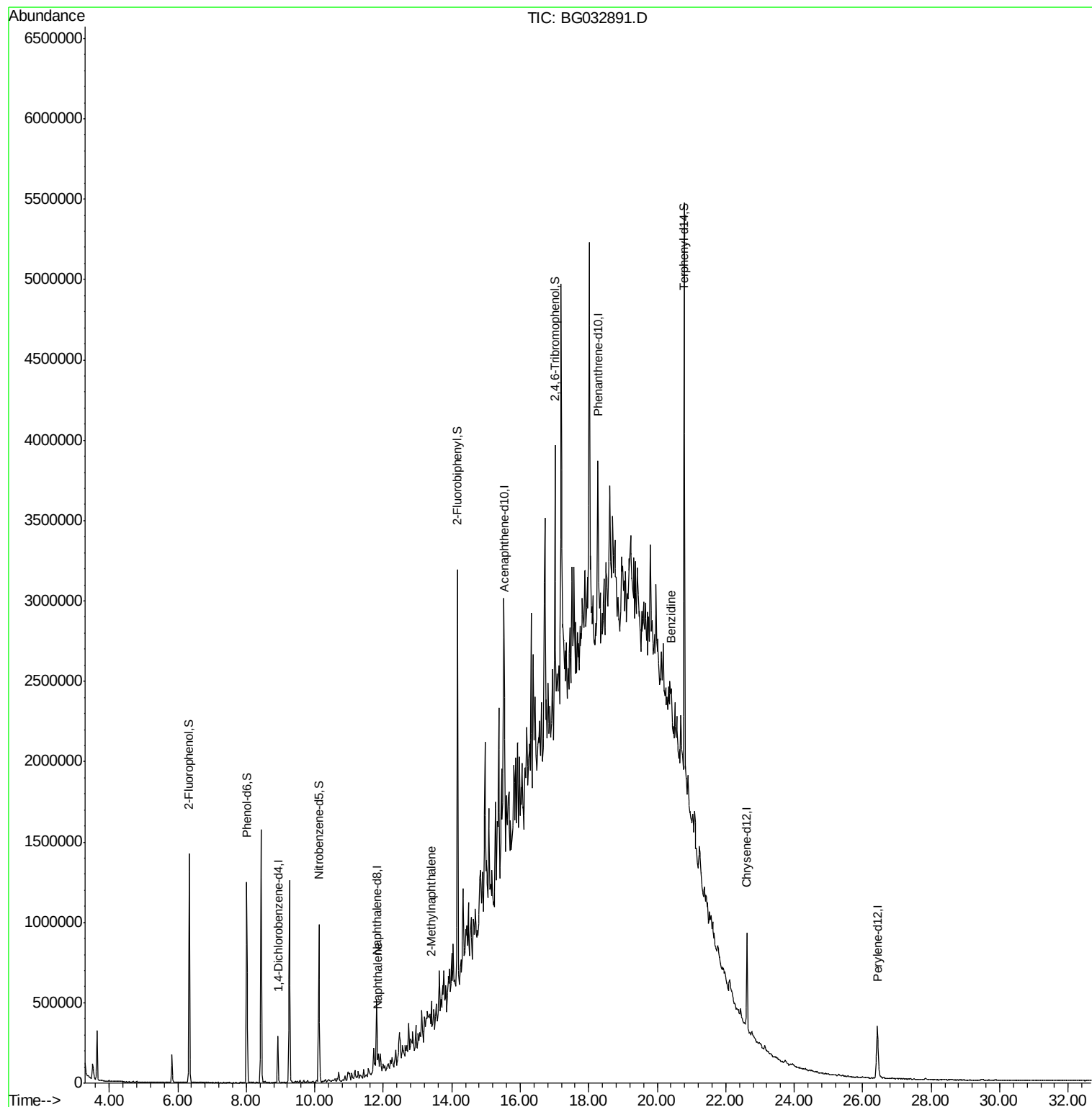
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	87040	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	384935	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	196893	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	381455	20.00	ng	0.00
75) Chrysene-d12	22.62	240	386996	20.00	ng	-0.01
86) Perylene-d12	26.43	264	404206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	685687	126.03	ng	0.00
7) Phenol-d6	8.02	99	792980	104.57	ng	0.00
23) Nitrobenzene-d5	10.12	82	631157	110.43	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	289711	139.94	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1302120	95.38	ng	0.00
78) Terphenyl-d14	20.78	244	1596550	92.69	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	81265	4.040	ng	98
37) 2-Methylnaphthalene	13.40	142	69750	4.793	ng	94
76) Benzidine	20.41	184	60168	4.561	ng	# 63

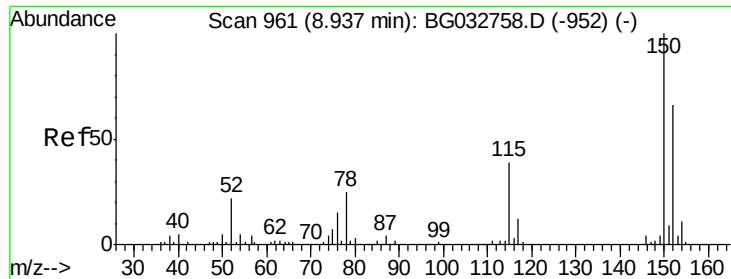
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



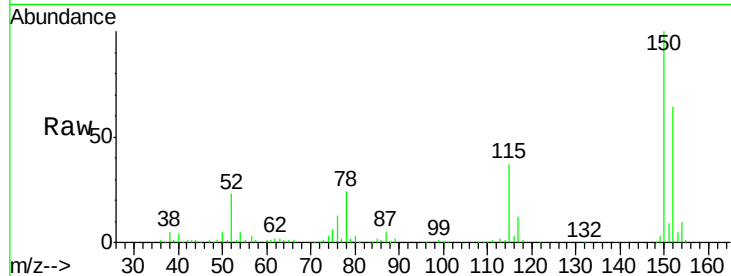


#1

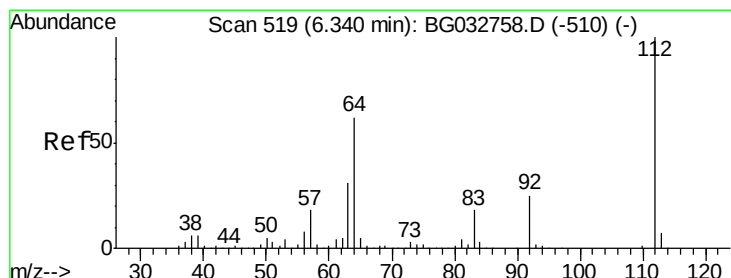
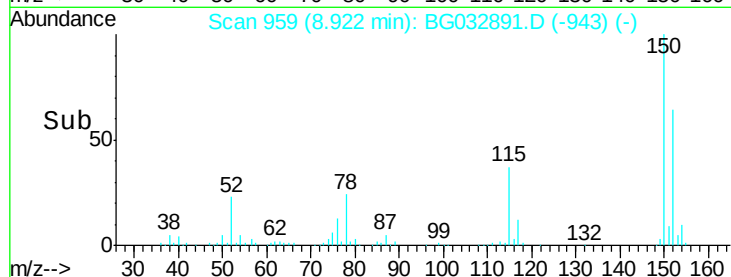
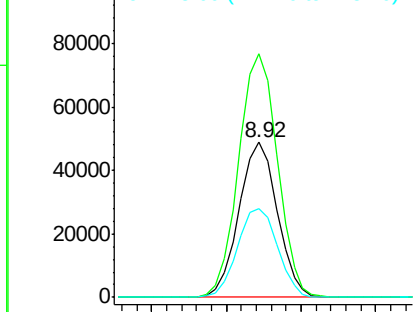
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :
OR-03-022718-B

Tot Ion:152 Resp: 87040
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 57.6 53.0 79.4



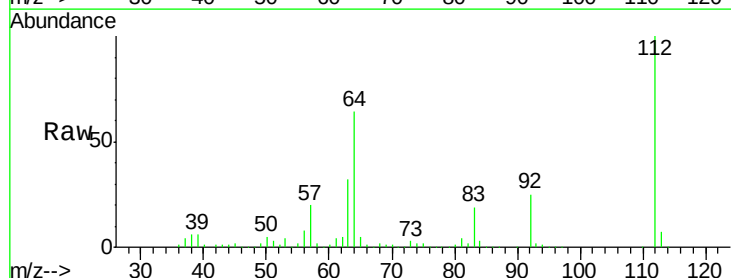
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



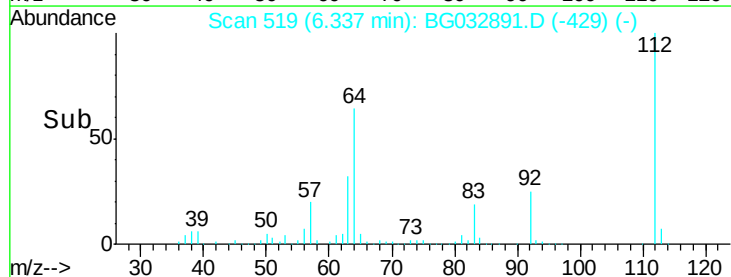
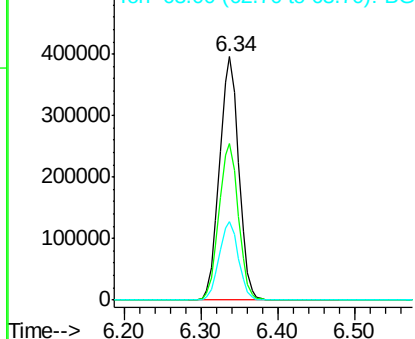
#5

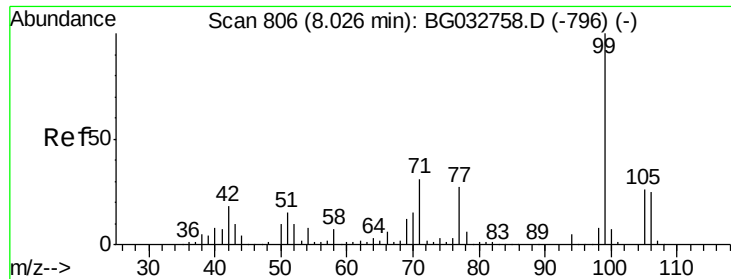
2-Fluorophenol
Concen: 126.034 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:112 Resp: 685687
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 32.2 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: 104.569 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032891.D

Acq: 28 Feb 2018 17:19

Instrument :

BNA_G

ClientSampleId :

OR-03-022718-B

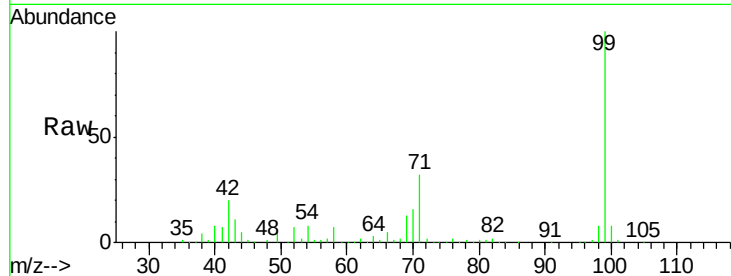
Tot Ion: 99 Resp: 792980

Ion Ratio Lower Upper

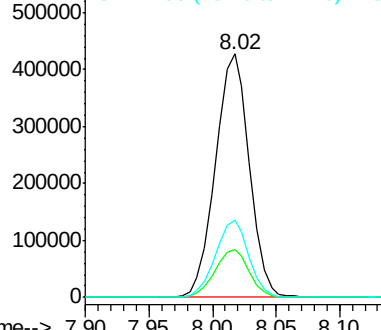
99 100

42 19.7 14.1 21.1

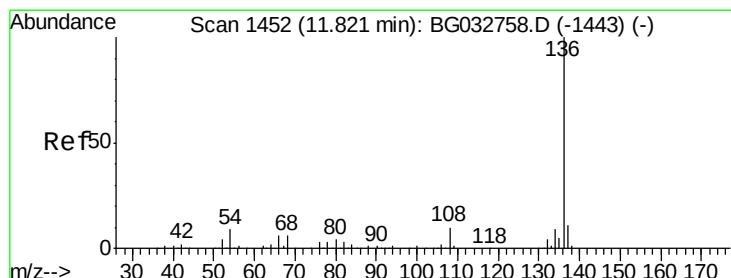
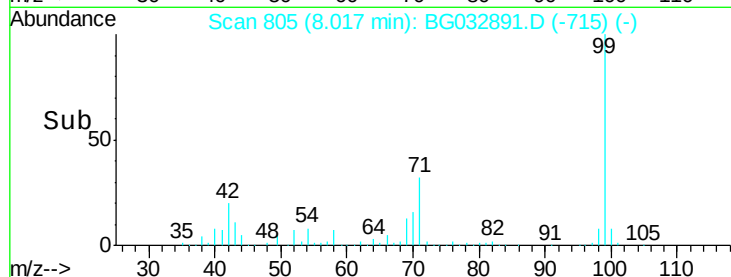
71 31.9 26.1 39.1



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



Time--> 7.90 7.95 8.00 8.05 8.10



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032891.D

Acq: 28 Feb 2018 17:19

Tgt Ion: 136 Resp: 384935

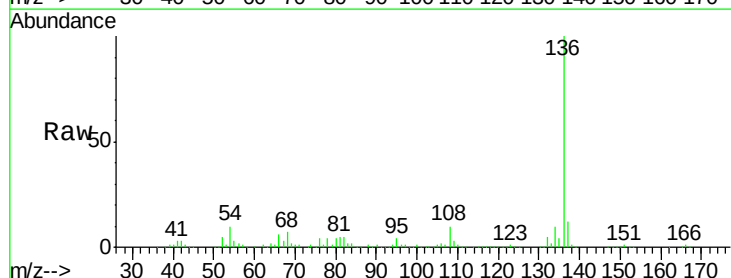
Ion Ratio Lower Upper

136 100

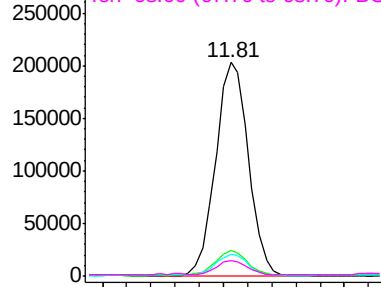
137 12.0 9.2 13.8

54 10.2 10.3 15.5#

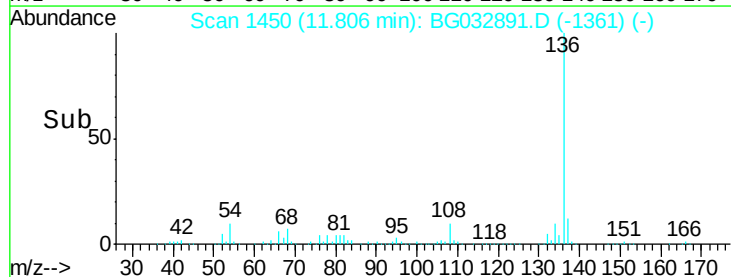
68 7.4 4.5 6.7#

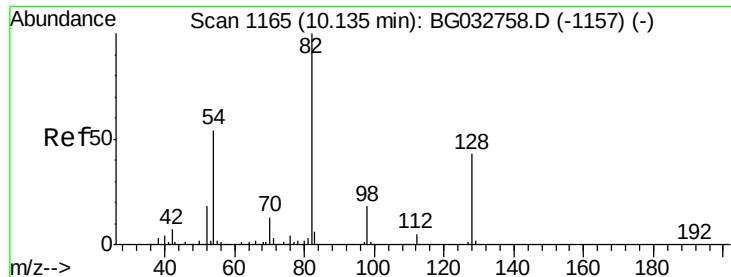


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 11.70 11.80 11.90

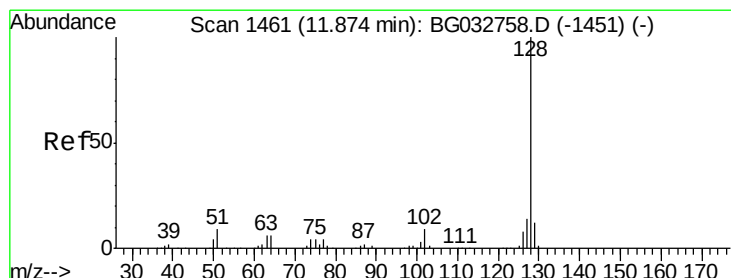
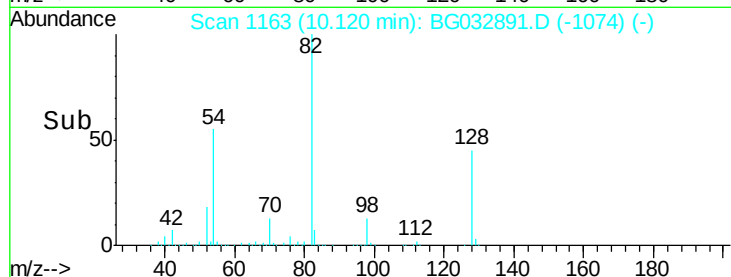
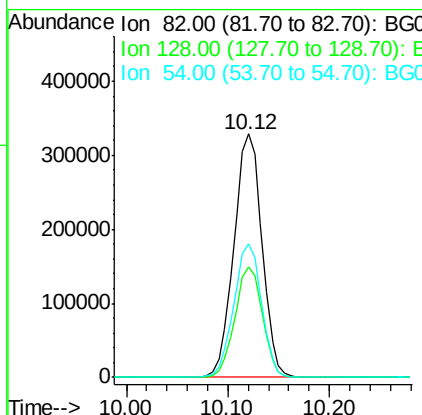
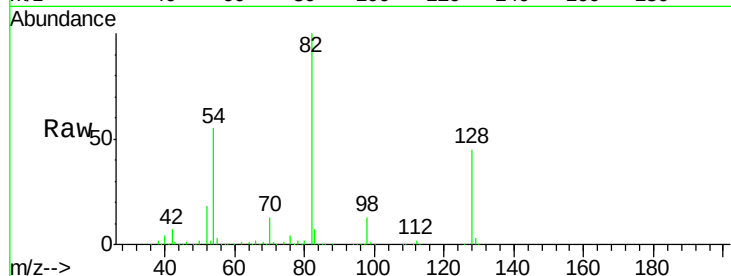




#23
Nitrobenzene-d5
Concen: 110.427 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

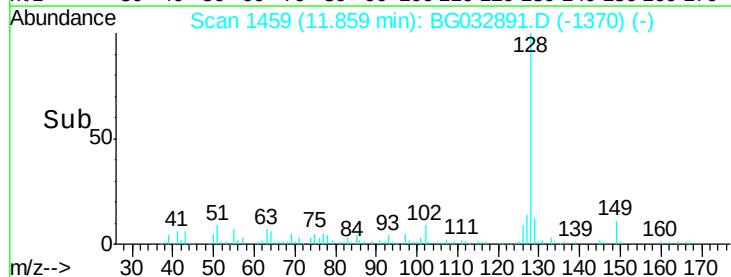
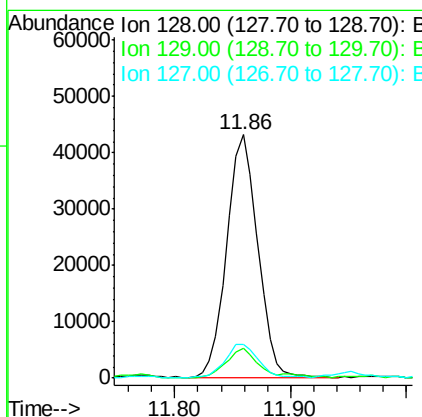
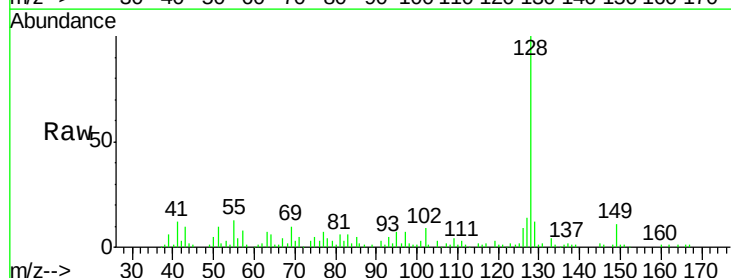
Instrument :
BNA_G
ClientSampleId :
OR-03-022718-B

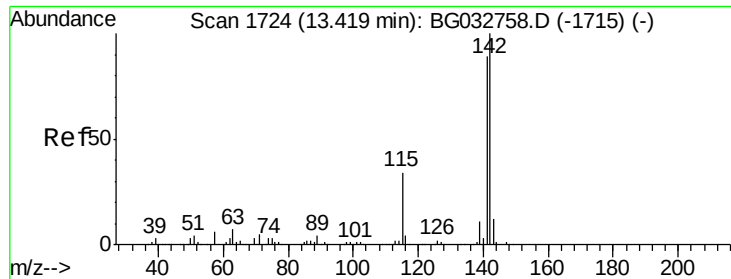
Tot Ion	82	Resp	631157
Ion Ratio	Lower	Upper	
82	100		
128	45.4	29.7	44.5#
54	54.8	43.1	64.7



#31
Naphthalene
Concen: 4.040 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion	128	Resp	81265
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
128	100		
129	12.0	8.6	12.8
127	14.0	11.6	17.4

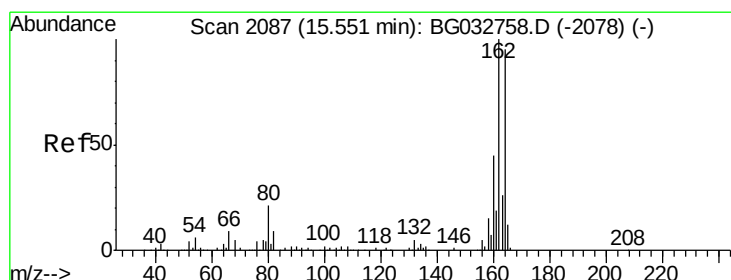
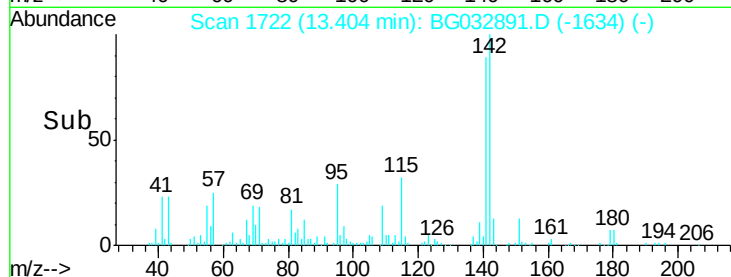
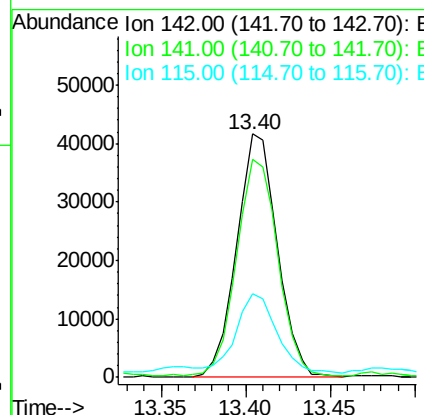
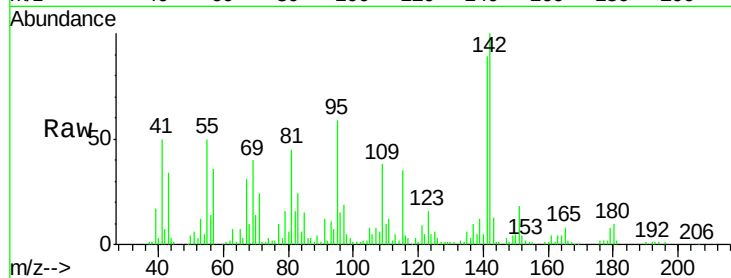




#37
2-Methylnaphthalene
Concen: 4.793 ng
RT: 13.40 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

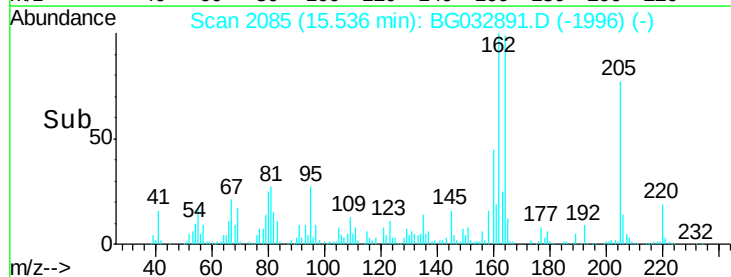
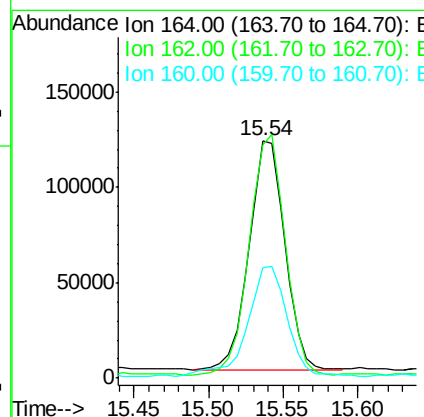
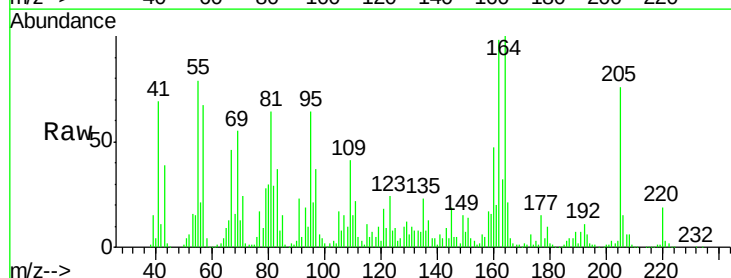
Instrument :
BNA_G
ClientSampleId :
OR-03-022718-B

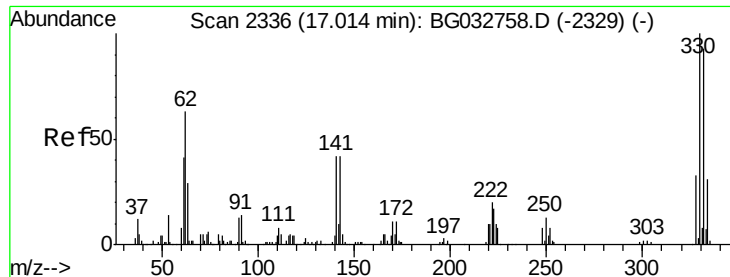
Tot Ion:142 Resp: 69750
Ion Ratio Lower Upper
142 100
141 89.3 67.1 100.7
115 34.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:164 Resp: 196893
Ion Ratio Lower Upper
164 100
162 98.4 78.8 118.2
160 46.6 35.4 53.0

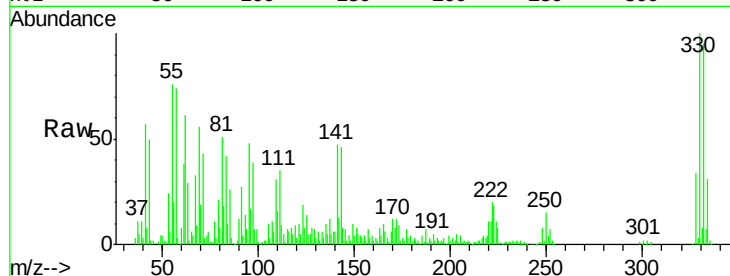




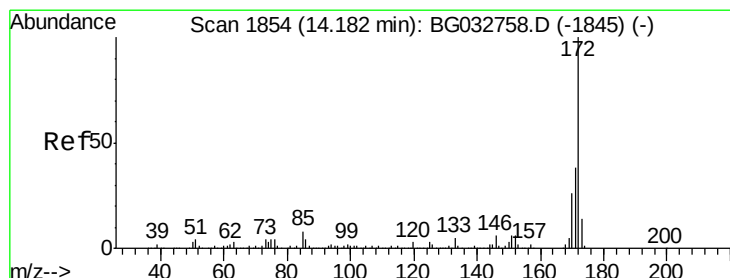
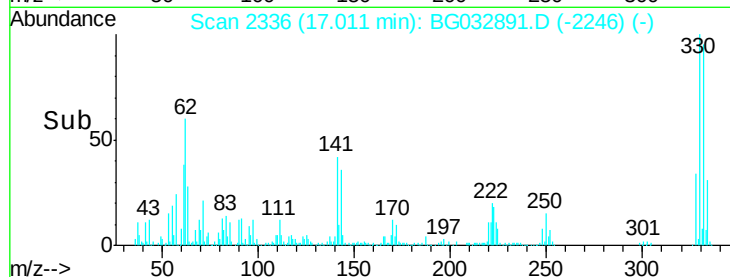
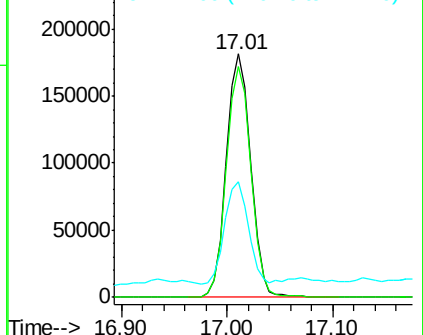
#41
 2,4,6-Tribromophenol
 Concen: 139.939 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032891.D
 Acq: 28 Feb 2018 17:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-022718-B

Tot Ion:330 Resp: 289711
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 40.8 25.2 37.8#

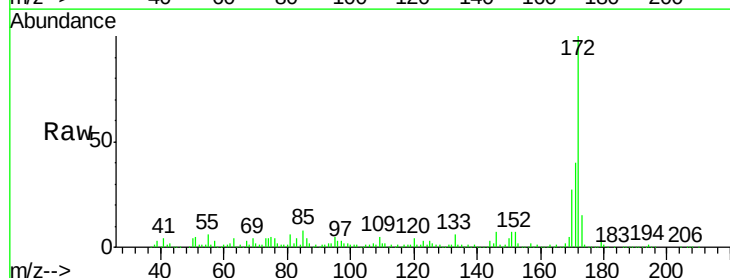


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

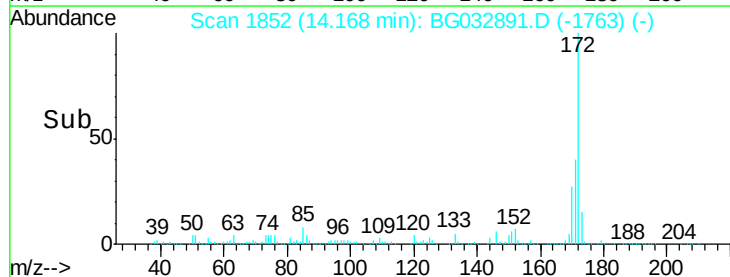
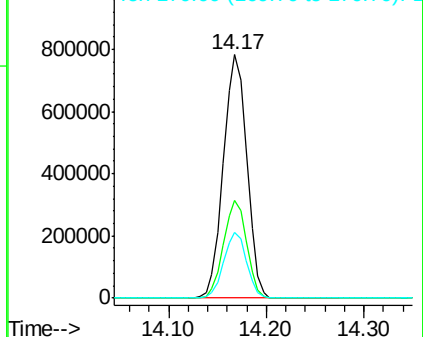


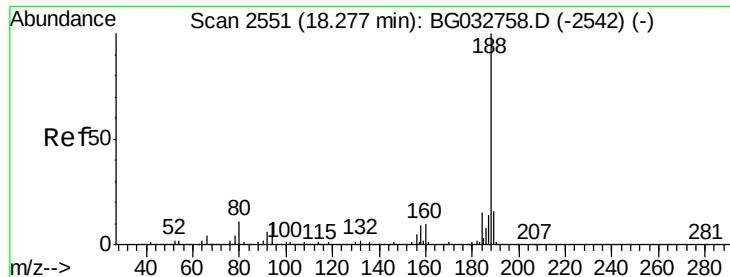
#44
 2-Fluorobiphenyl
 Concen: 95.381 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032891.D
 Acq: 28 Feb 2018 17:19

Tgt Ion:172 Resp: 1302120
 Ion Ratio Lower Upper
 172 100
 171 40.0 30.0 45.0
 170 26.7 19.5 29.3



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

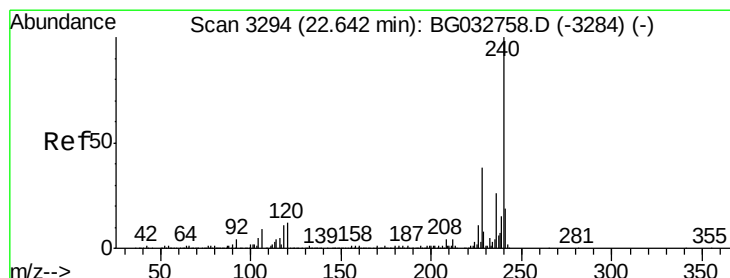
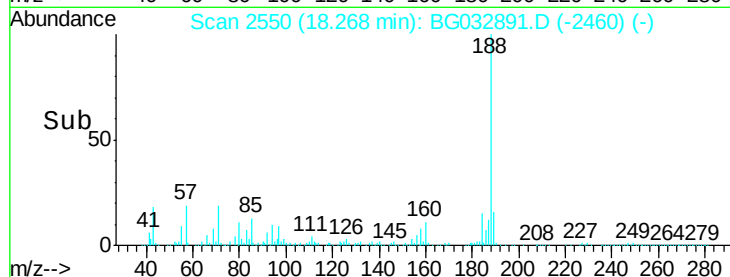
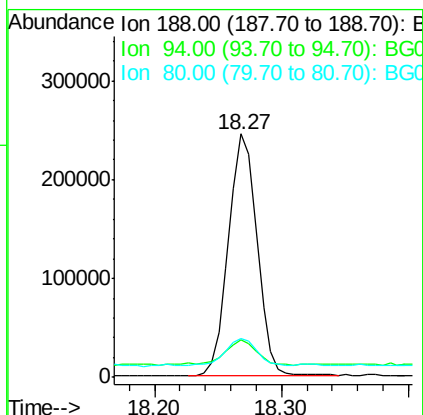
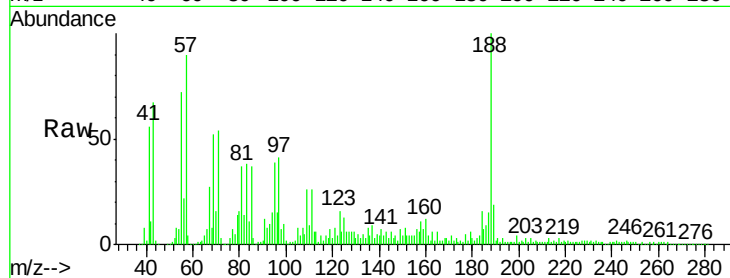




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

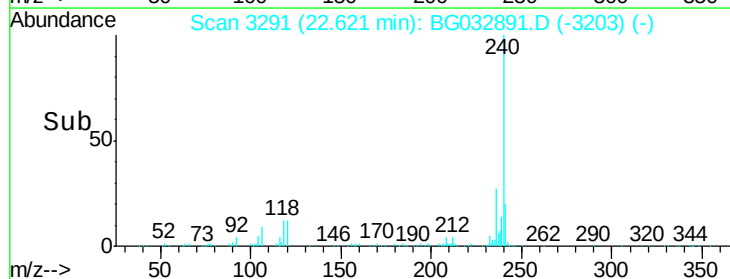
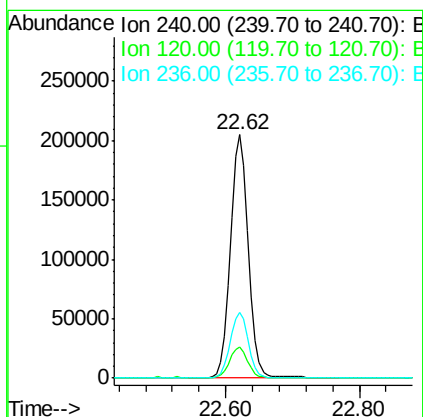
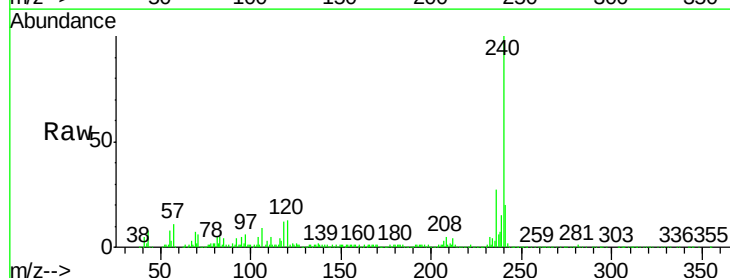
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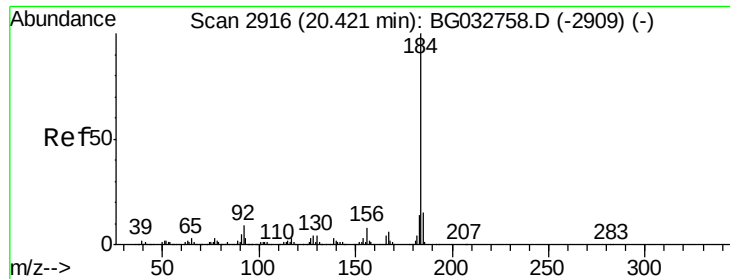
Tot Ion:188 Resp: 381455
Ion Ratio Lower Upper
188 100
94 15.2 6.9 10.3#
80 16.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:240 Resp: 386996
Ion Ratio Lower Upper
240 100
120 12.9 6.8 10.2#
236 27.1 20.9 31.3

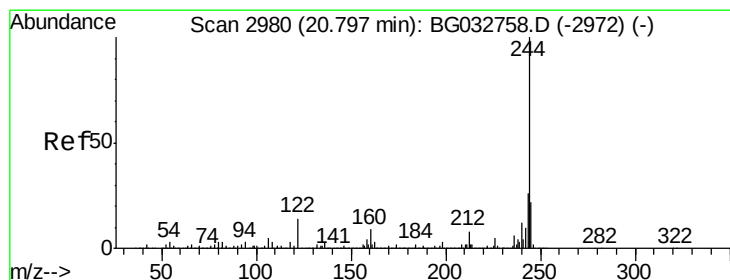
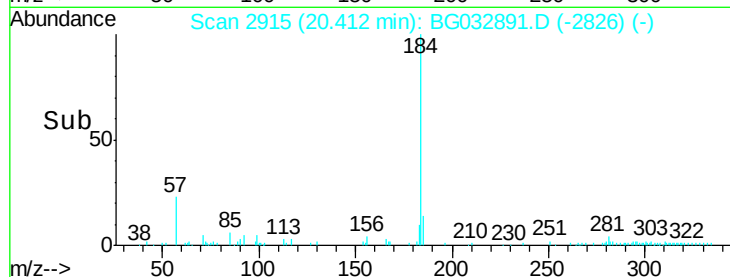
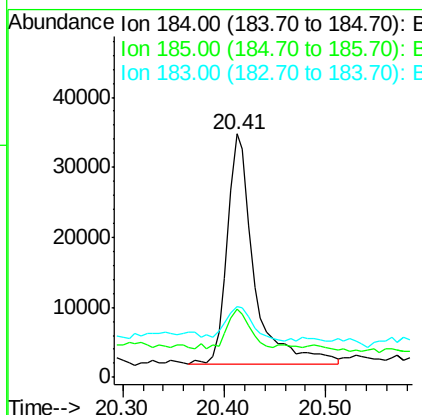
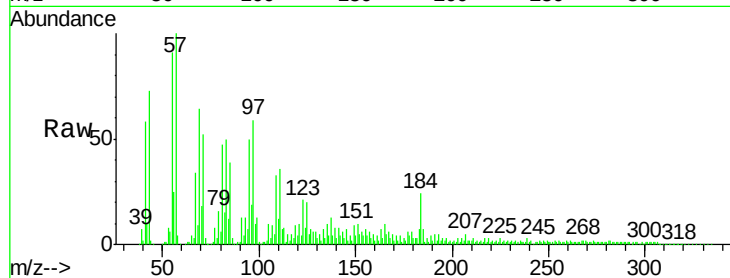




#76
Benzidine
Concen: 4.561 ng
RT: 20.41 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

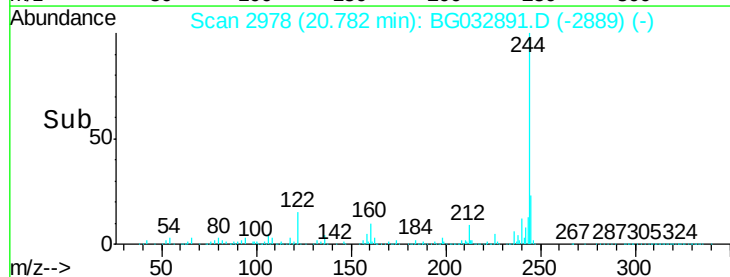
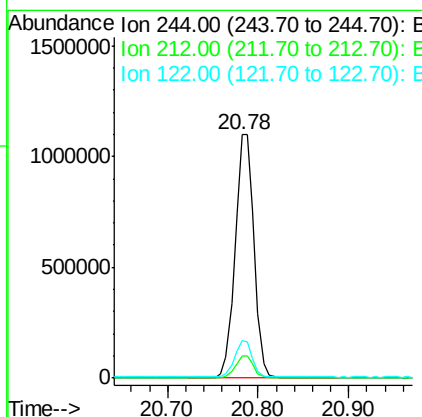
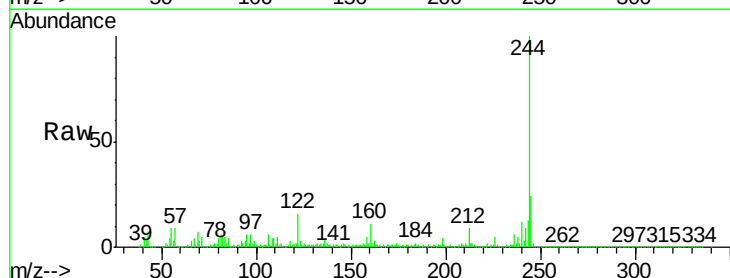
Instrument :
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OR-03-022718-B

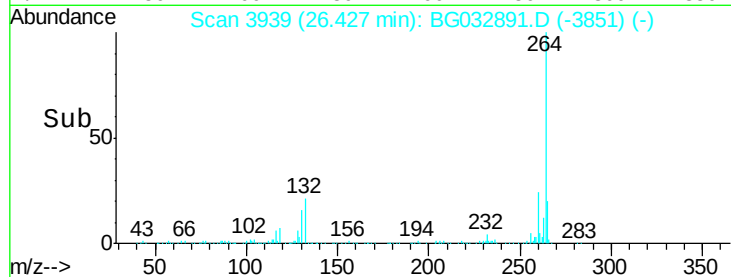
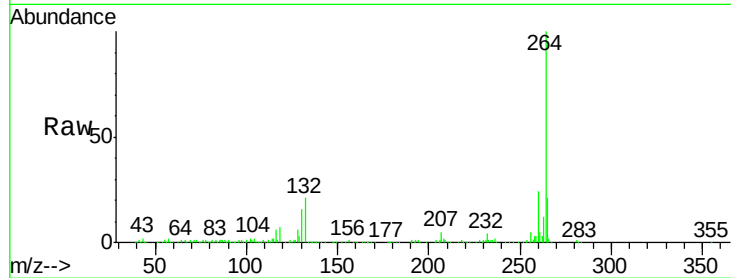
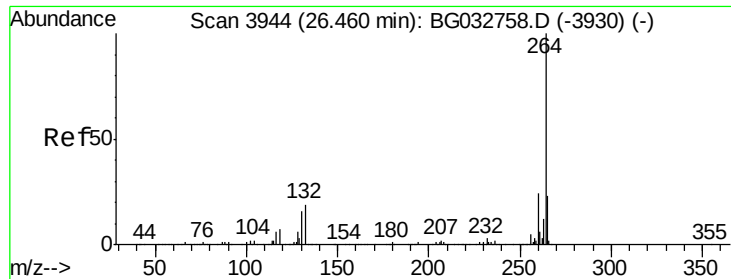
Tot Ion	Ratio	Lower	Upper
184	100		
185	27.9	11.1	16.7#
183	29.1	10.6	16.0#



#78
Terphenyl-d14
Concen: 92.689 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	15.6	7.0	10.4#





#86

Pervlone-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032891.D

Acq: 28 Feb 2018 17:19

Instrument :

BNA_G

ClientSampleId :

OR-03-022718-B

Tot Ion:264 Resp: 404206

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.5 17.7 26.5

