

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032948.D
 Acq On : 2 Mar 2018 16:39
 Operator : SJ/JU
 Sample : J1751-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-A

Manual Integrations
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Quant Time: Mar 02 23:47:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	68428	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	292446	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	165117	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	378483	20.00	ng	0.00
75) Chrysene-d12	22.62	240	350934	20.00	ng	0.00
86) Perylene-d12	26.43	264	319909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	597644	139.73	ng	0.00
7) Phenol-d6	8.02	99	743860	124.77	ng	0.00
23) Nitrobenzene-d5	10.12	82	519236	118.75	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	263151	151.57	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1112913	97.21	ng	0.00
78) Terphenyl-d14	20.78	244	1593552	102.02	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	162324	10.622	ng	96
32) Benzoic acid	10.95	122	6610m	8.657	ng	
37) 2-Methylnaphthalene	13.40	142	27967	2.530	ng	92

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

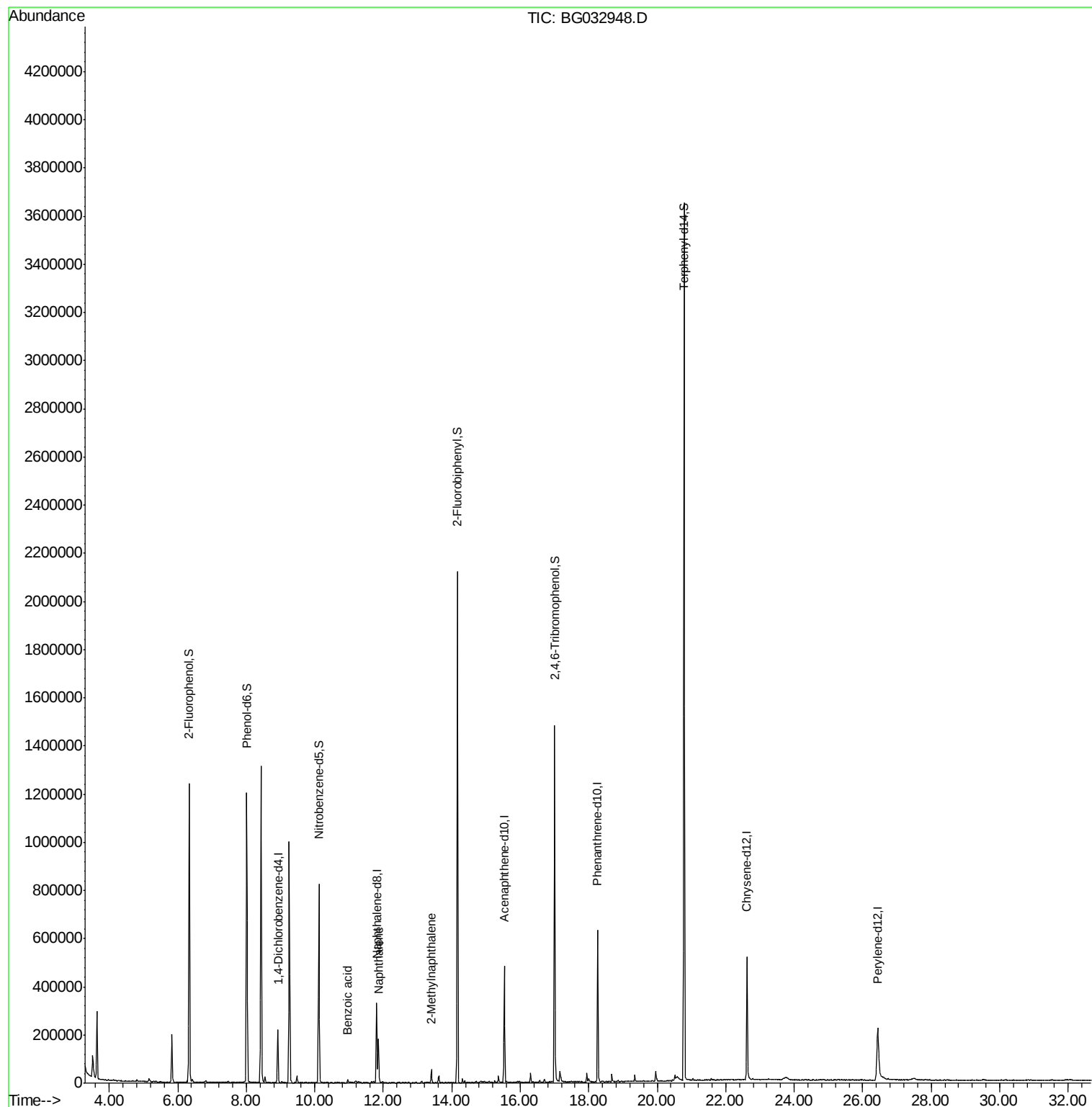
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032948.D
Acq On : 2 Mar 2018 16:39
Operator : SJ/JU
Sample : J1751-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

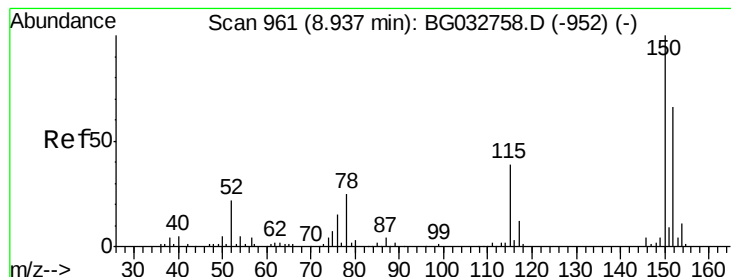
Instrument :
BNA_G
ClientSampleId :
JC-02-030118-A

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Quant Time: Mar 02 23:47:09 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration





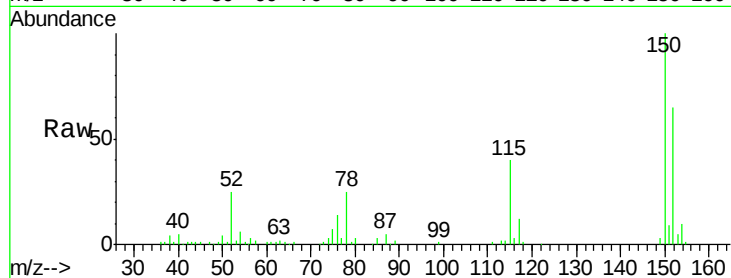
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BG032948.D
 Acq: 2 Mar 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.6	189.8
115	61.1	53.0	79.4

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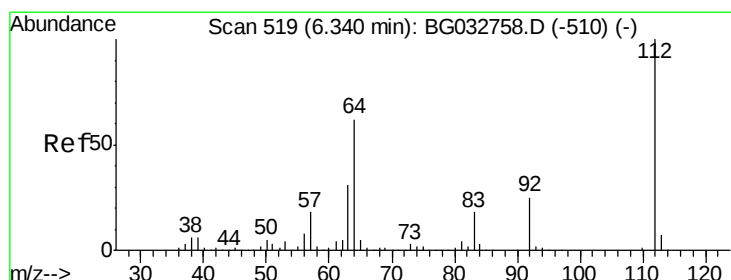
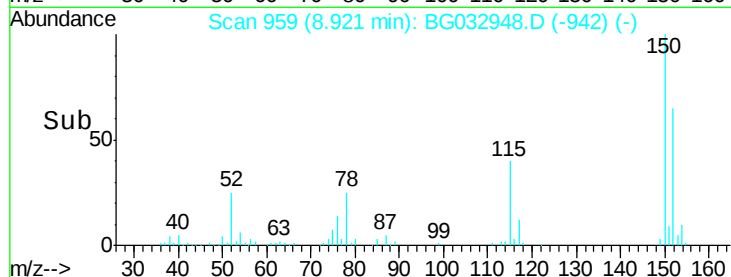
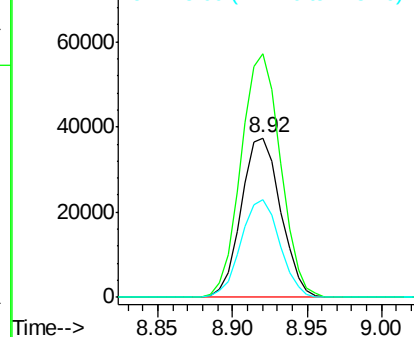


Abundance

Ion 152.00 (151.70 to 152.70): E

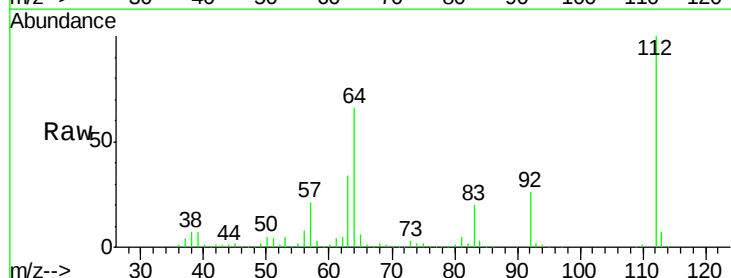
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 139.730 ng
 RT: 6.34 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BG032948.D
 Acq: 2 Mar 2018 16:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	56.3	84.5
63	33.9	30.1	45.1

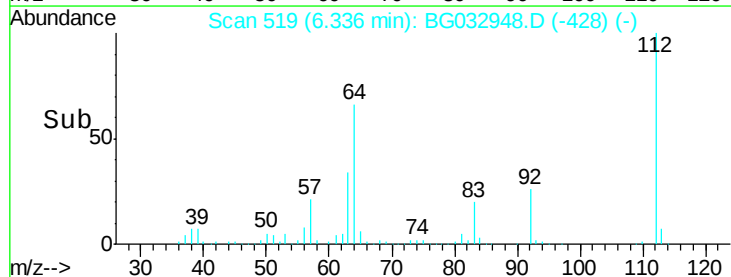
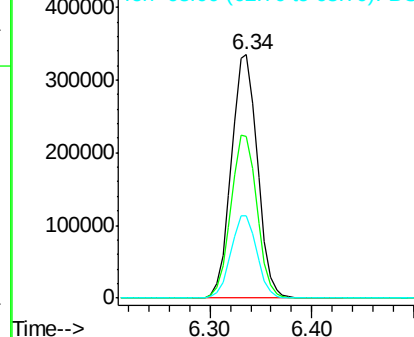


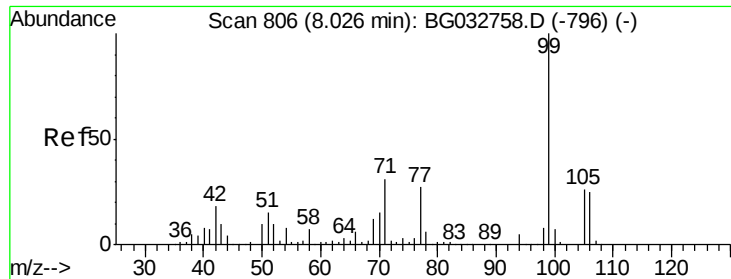
Abundance

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: 124.772 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032948.D

Acq: 2 Mar 2018 16:39

Instrument :

BNA_G

ClientSampleId :

JC-02-030118-A

Tot Ion: 99 Resp: 743860

Ion Ratio Lower Upper

99 100

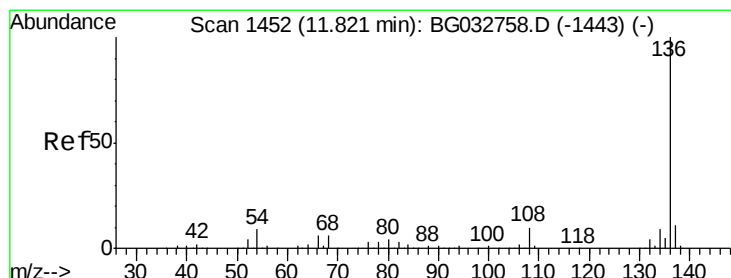
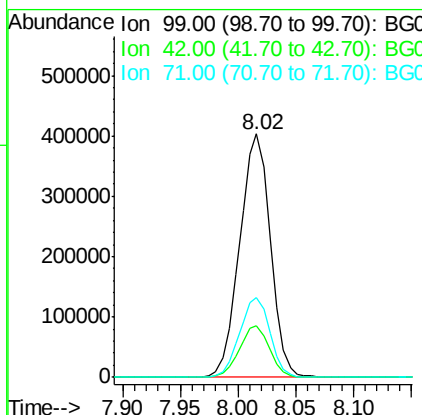
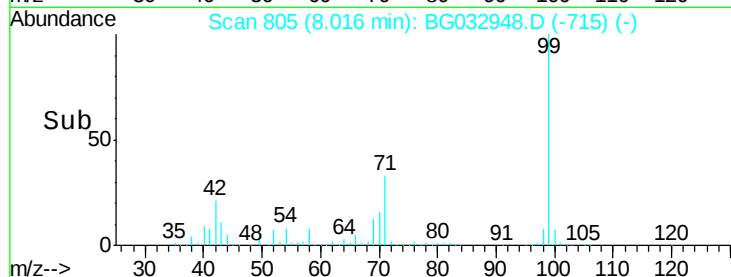
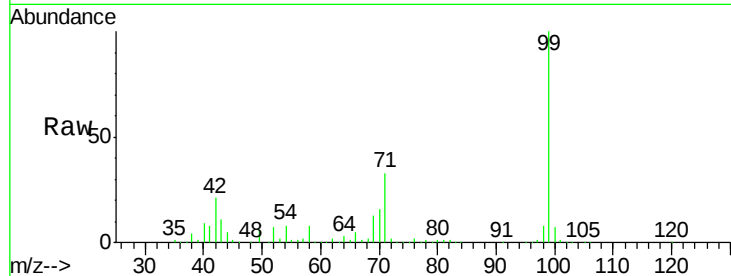
42 21.2 14.1 21.1#

71 32.7 26.1 39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.80 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032948.D

Acq: 2 Mar 2018 16:39

Tgt Ion:136 Resp: 292446

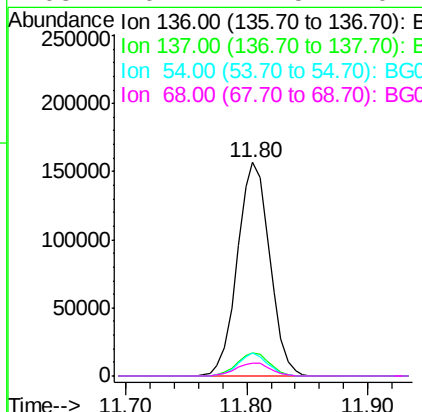
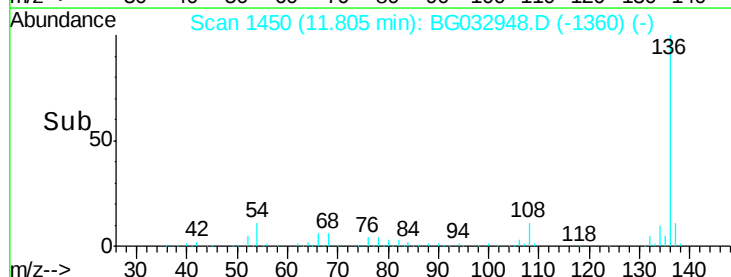
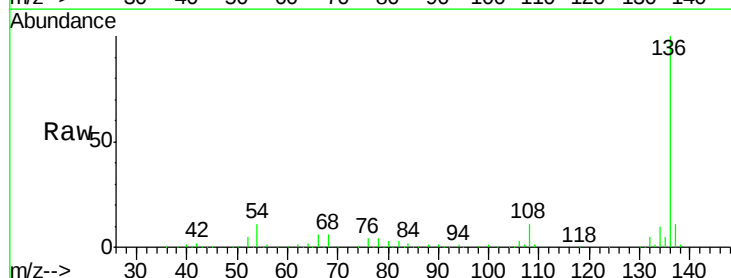
Ion Ratio Lower Upper

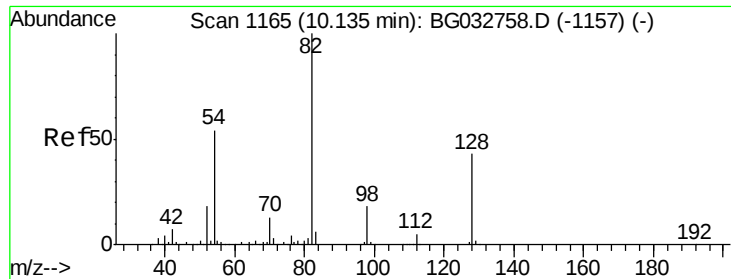
136 100

137 10.8 9.2 13.8

54 10.5 10.3 15.5

68 6.2 4.5 6.7





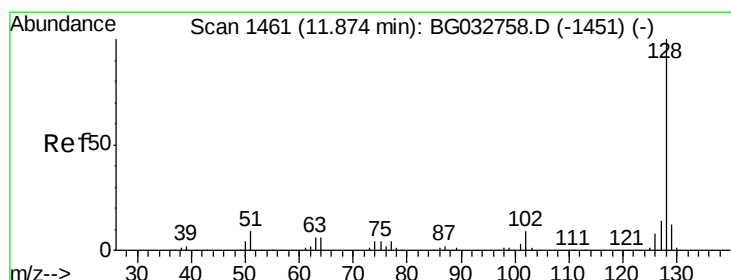
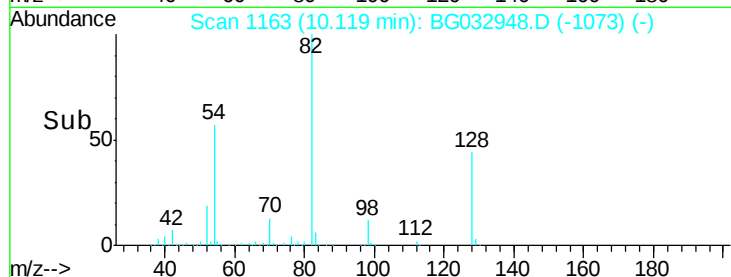
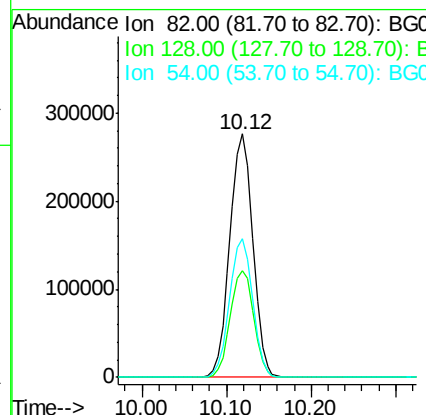
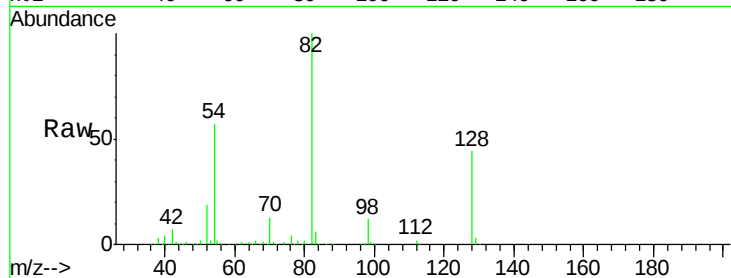
#23
 Nitrobenzene-d5
 Concen: 118.755 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032948.D
 Acq: 2 Mar 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	57.1	43.1	64.7

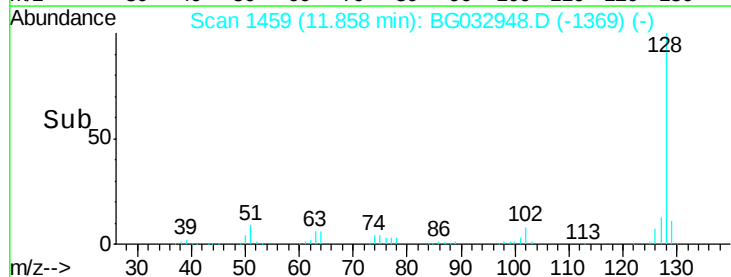
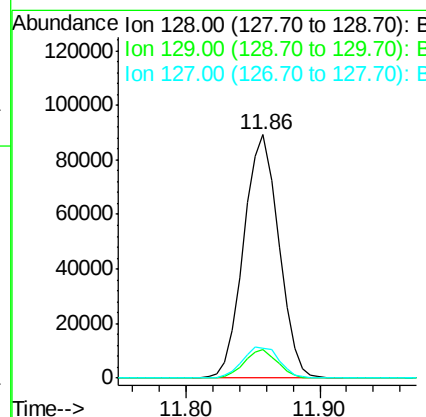
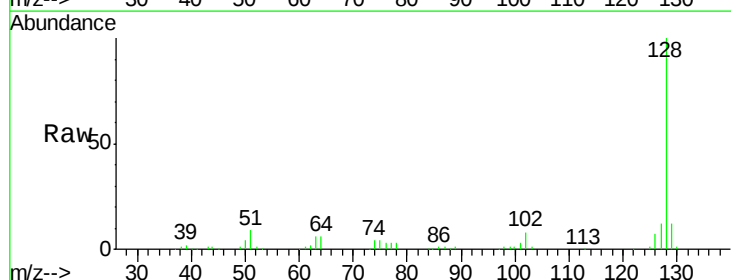
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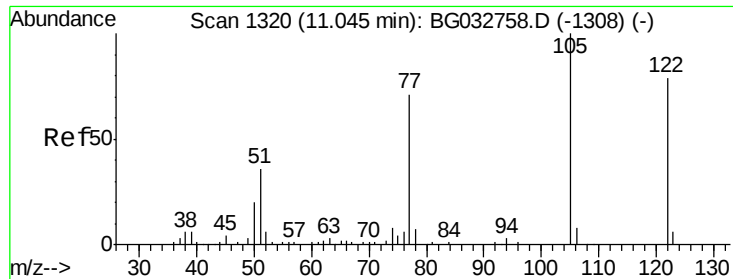
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#31
 Naphthalene
 Concen: 10.622 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BG032948.D
 Acq: 2 Mar 2018 16:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	12.5	11.6	17.4





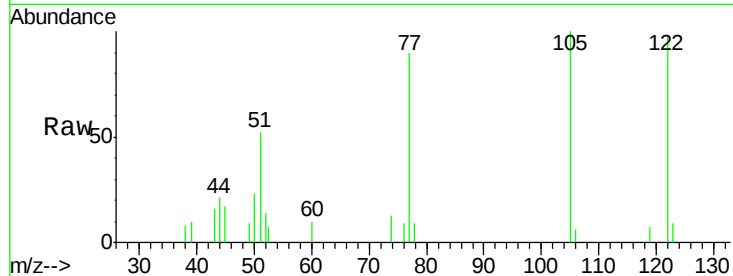
#32
Benzoic acid
Concen: 8.657 ng m
RT: 10.95 min Scan# 1305
Delta R.T. -0.06 min
Lab File: BG032948.D
Acq: 2 Mar 2018 16:39

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-A

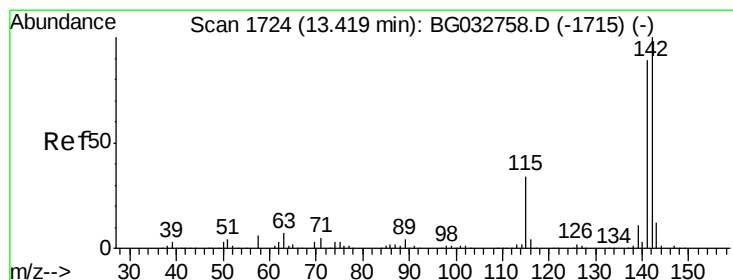
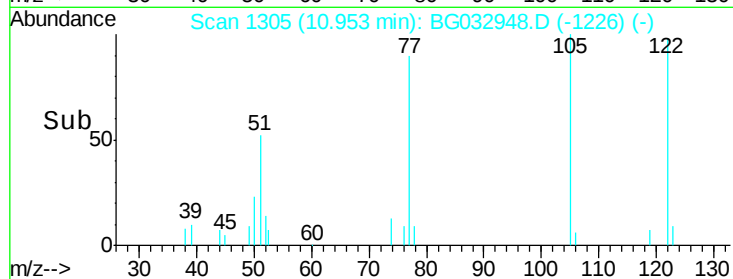
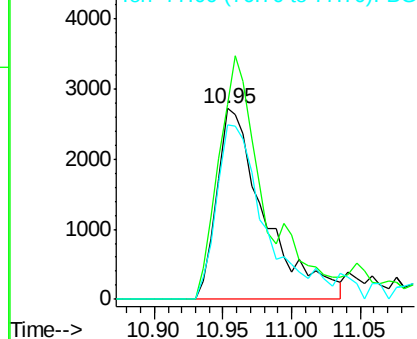
Tot Ion	Ion	Ratio	Lower	Upper
122	100			
105	101.9	123.5	163.5#	
77	91.4	85.7	125.7	

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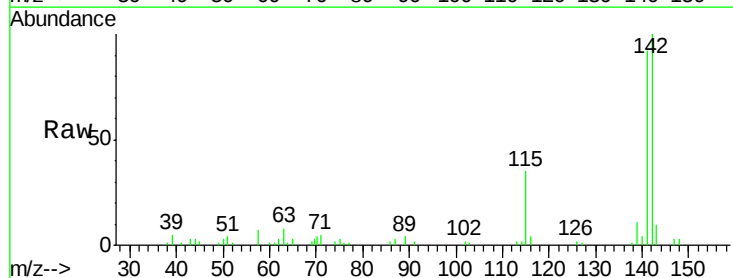


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

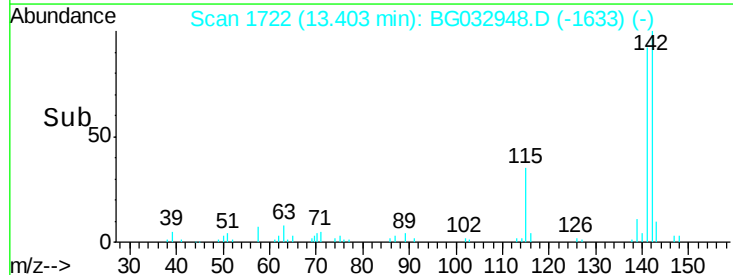
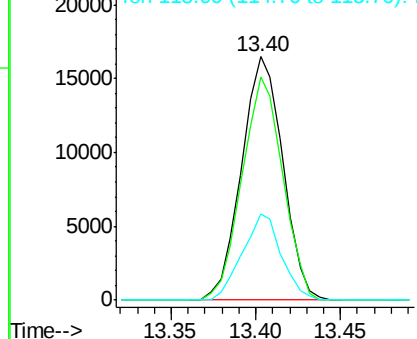


#37
2-Methylnaphthalene
Concen: 2.530 ng
RT: 13.40 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032948.D
Acq: 2 Mar 2018 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	91.6	67.1	100.7	
115	35.2	30.7	46.1	



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG032948.D

Acq: 2 Mar 2018 16:39

Instrument :

BNA_G

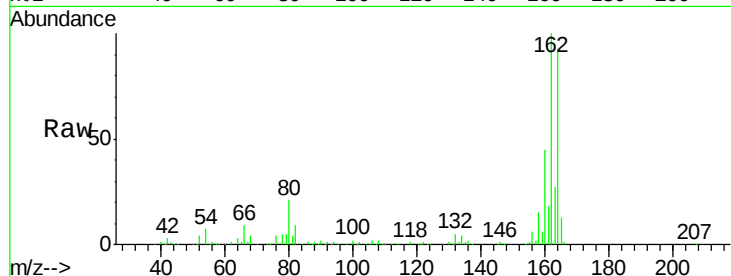
ClientSampleId :

JC-02-030118-A

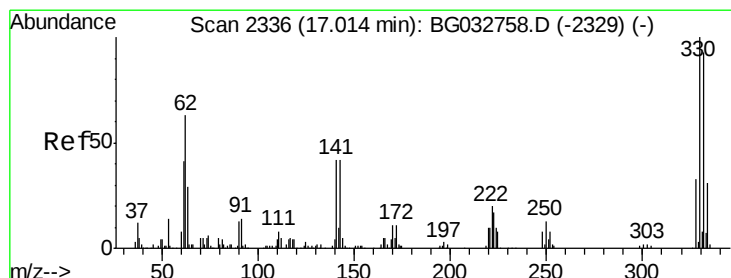
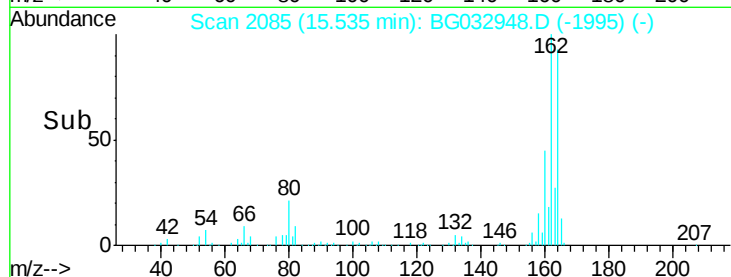
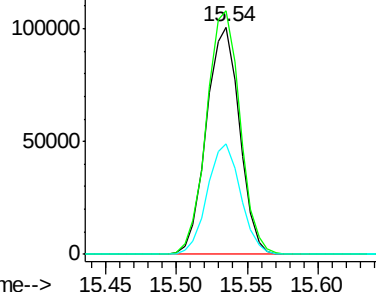
Tot Ion:	164	Resp:	165117
Ion Ratio	Lower	Upper	
164	100		
162	107.1	78.8	118.2
160	48.4	35.4	53.0

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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: 151.572 ng

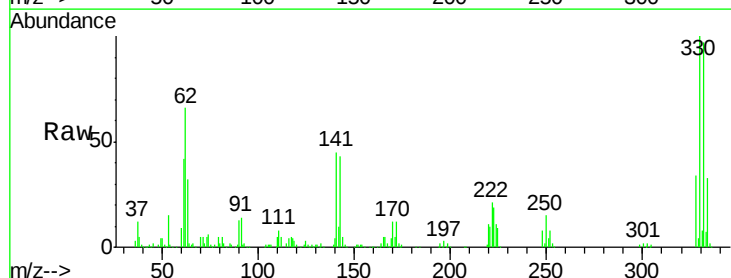
RT: 17.00 min Scan# 2335

Delta R.T. -0.00 min

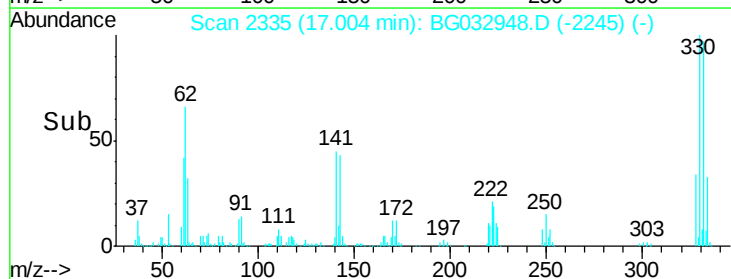
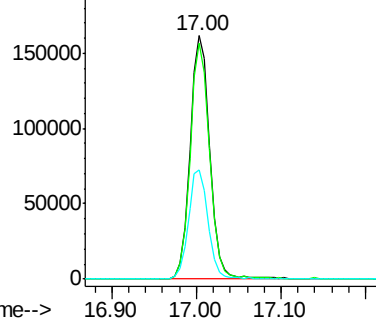
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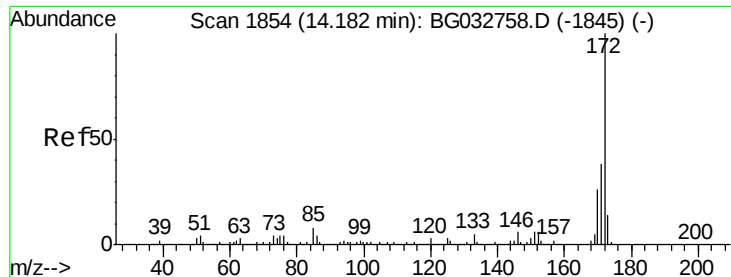
Acq: 2 Mar 2018 16:39

Tgt Ion:	330	Resp:	263151
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	44.7	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





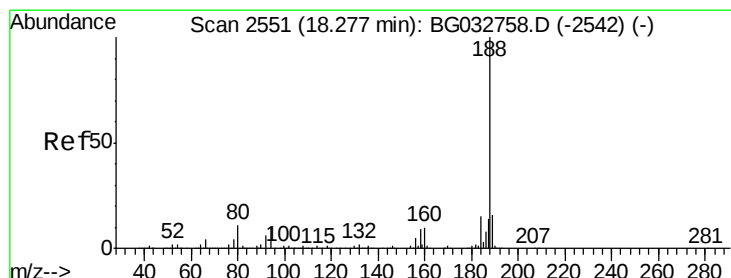
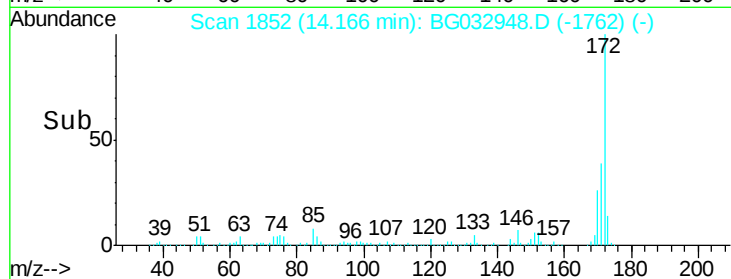
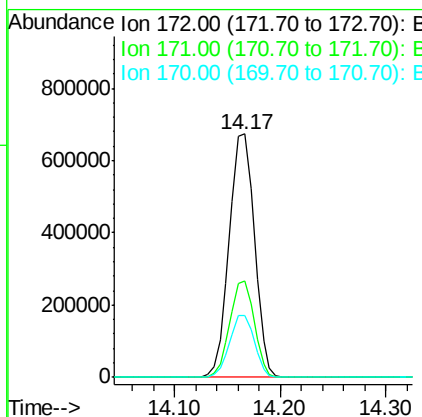
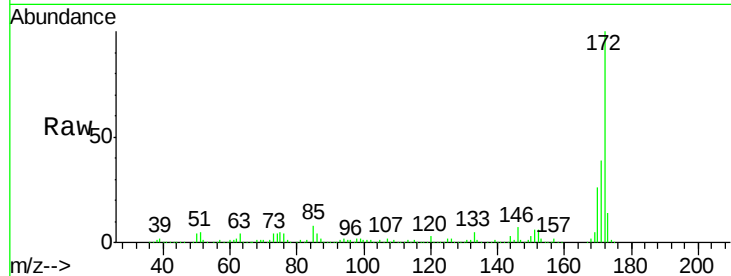
#44
2-Fluorobiphenyl
Concen: 97.210 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BG032948.D
Acq: 2 Mar 2018 16:39

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	25.6	19.5	29.3

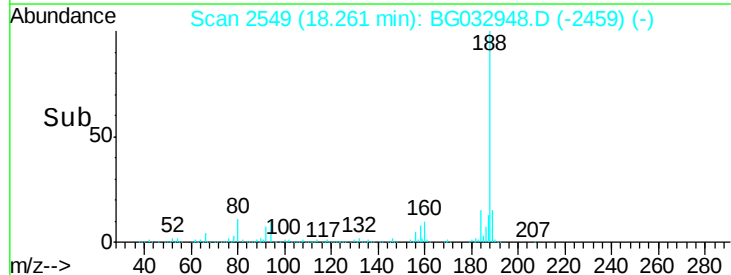
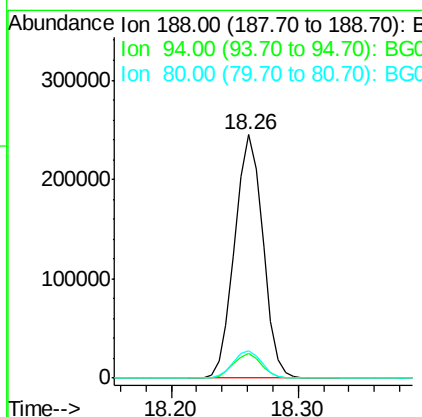
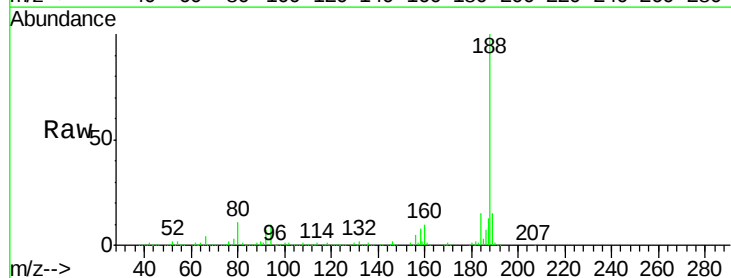
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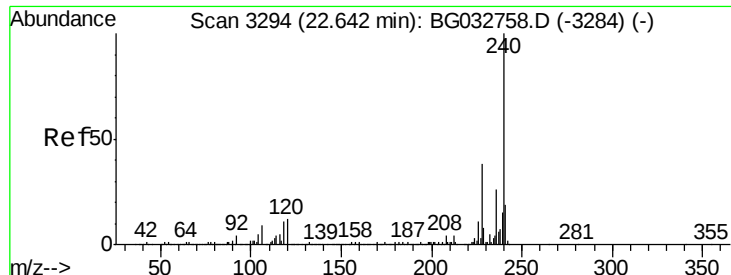
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032948.D
Acq: 2 Mar 2018 16:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	11.1	7.7	11.5





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BG032948.D

Acq: 2 Mar 2018 16:39

Instrument :

BNA_G

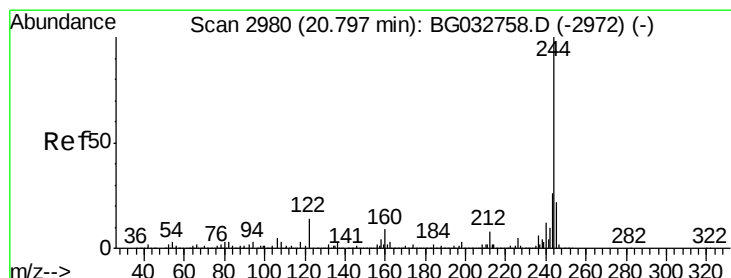
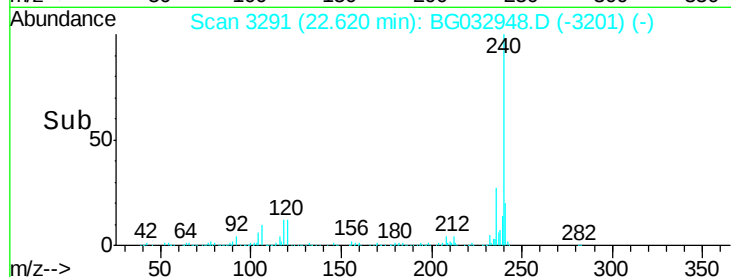
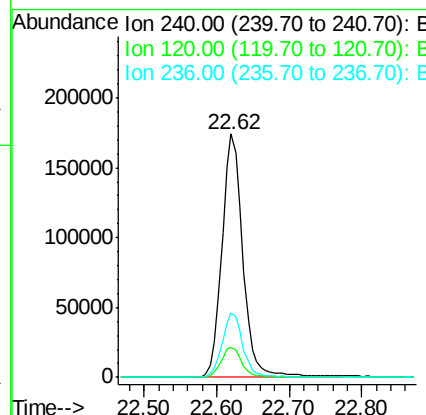
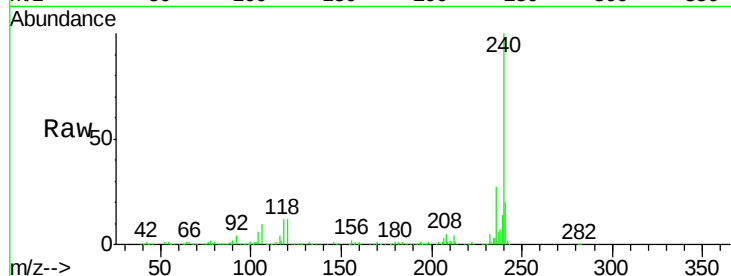
ClientSampleId :

JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.8	10.2#
236	26.6	20.9	31.3

Manual Integrations
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#78

Terphenyl-d14

Concen: 102.021 ng

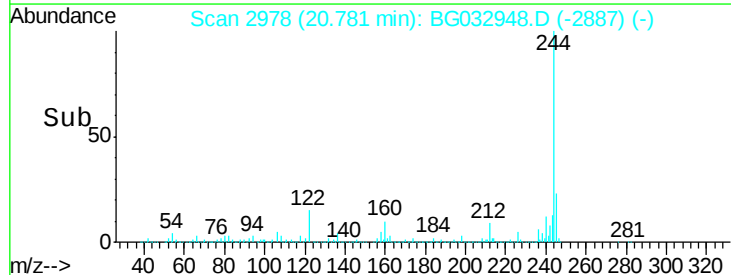
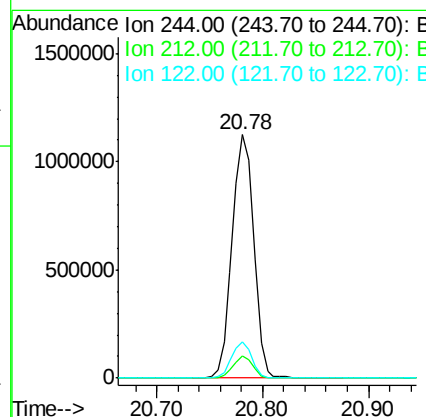
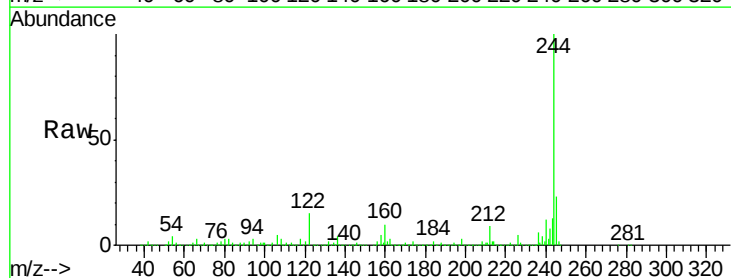
RT: 20.78 min Scan# 2978

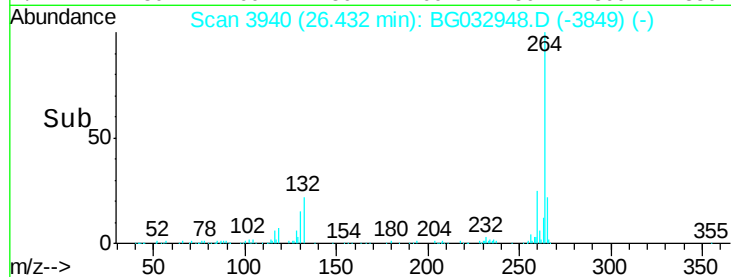
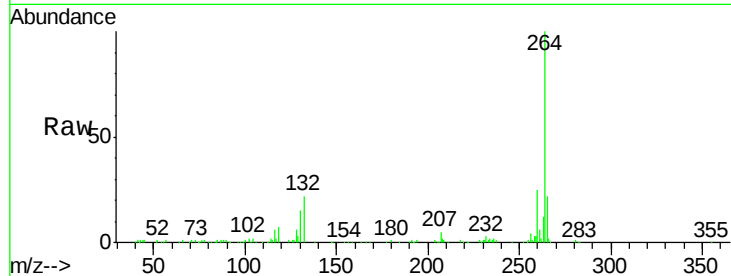
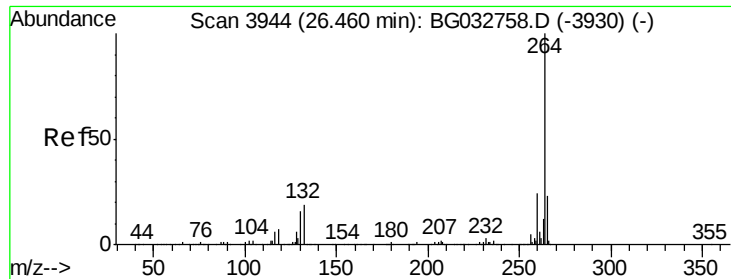
Delta R.T. 0.01 min

Lab File: BG032948.D

Acq: 2 Mar 2018 16:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	15.1	7.0	10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3940
Delta R.T. 0.01 min
Lab File: BG032948.D
Acq: 2 Mar 2018 16:39

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.1	17.7	26.5

Manual Integrations
APPROVED

Sohil
3/5/2018 3:17:56 PM

