

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032816.D
 Acq On : 26 Feb 2018 10:57
 Operator : SJ/JU
 Sample : J1642-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:15:26 PM

Quant Time: Feb 27 10:13:54 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	8.93	152	82863	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	369837	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	202665	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	435294	20.00	ng	0.00
75) Chrysene-d12	22.63	240	429685	20.00	ng	0.00
86) Perylene-d12	26.44	264	463024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	346273	66.86	ng	0.00
7) Phenol-d6	8.02	99	296710	41.10	ng	0.00
23) Nitrobenzene-d5	10.13	82	561166	102.93	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	320001	150.17	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1219978	86.82	ng	0.00
78) Terphenyl-d14	20.79	244	1557300	81.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.97	88	4829	2.148	ng	Qvalue # 80
31) Naphthalene	11.87	128	159782	8.268	ng	99
37) 2-Methylnaphthalene	13.41	142	59744	4.273	ng	86
49) Dimethylphthalate	14.96	163	45264	2.630	ng	98
51) Acenaphthene	15.61	154	1063700	78.858	ng	97
54) Dibenzofuran	15.93	168	752548	39.182	ng	94
57) Fluorene	16.58	166	738556	46.589	ng	100
70) Phenanthrene	18.31	178	217699	8.964	ng	99
71) Anthracene	18.40	178	135967	5.577	ng	100
72) Carbazole	18.65	167	234915	9.775	ng	98
74) Fluoranthene	20.26	202	191477	7.138	ng	95
77) Pvrene	20.61	202	110798	3.657	ng	98

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

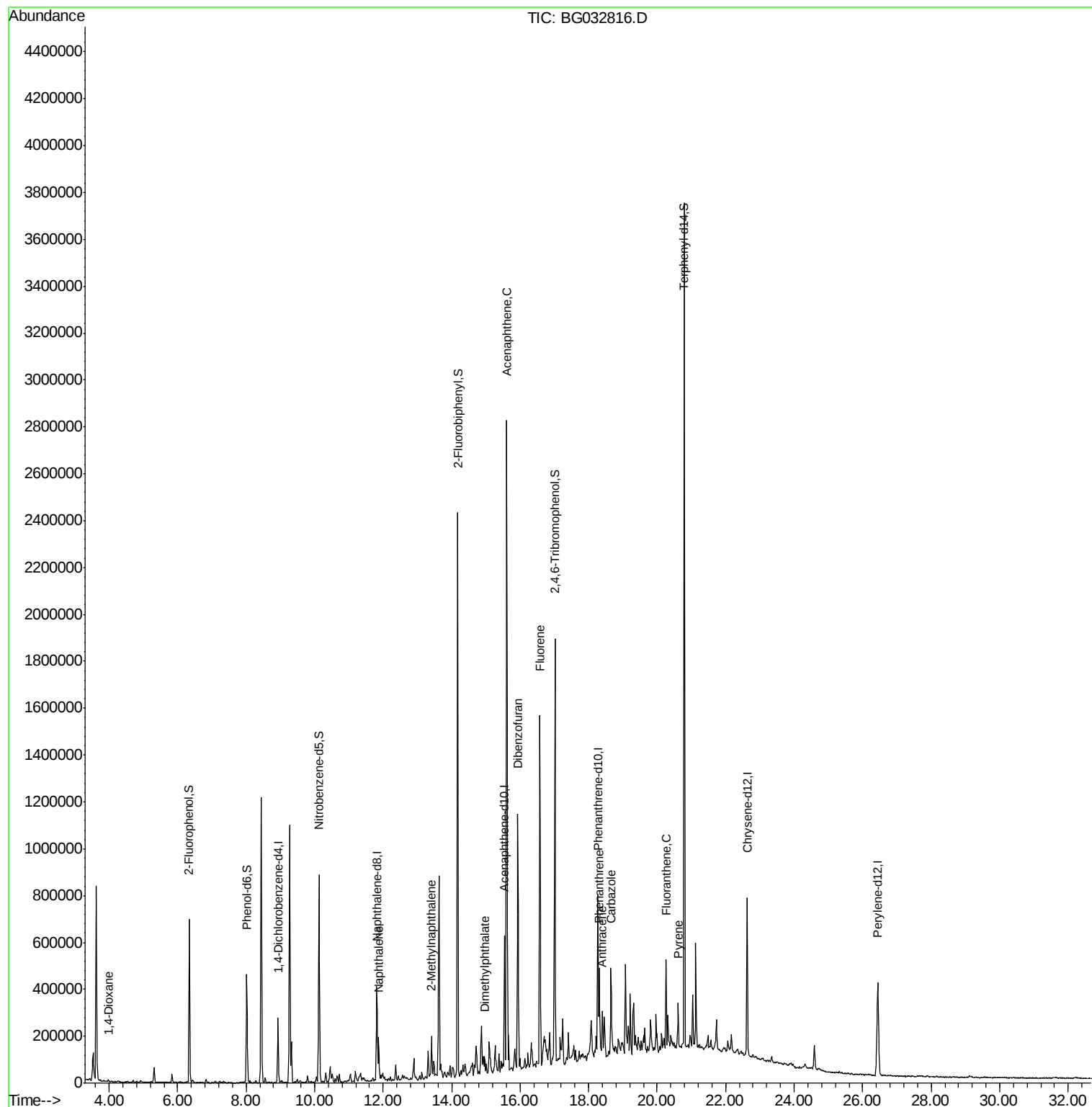
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032816.D
Acq On : 26 Feb 2018 10:57
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

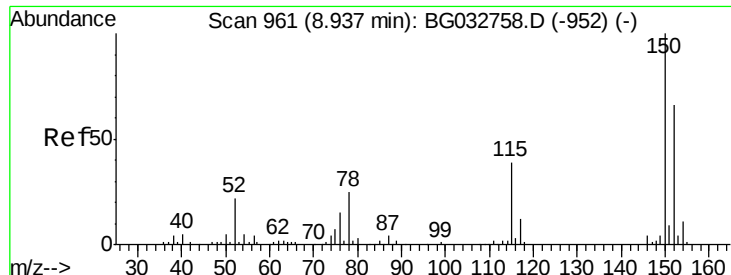
Instrument :
BNA_G
ClientSampleId :
MW-9

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Quant Time: Feb 27 10:13:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

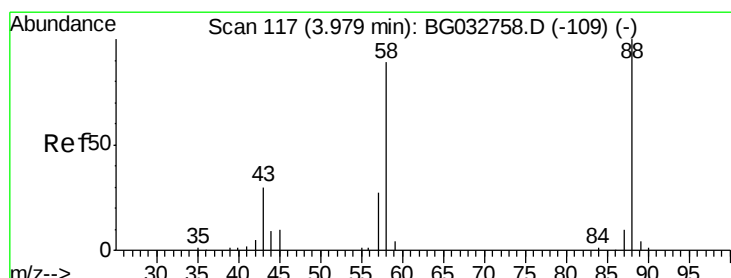
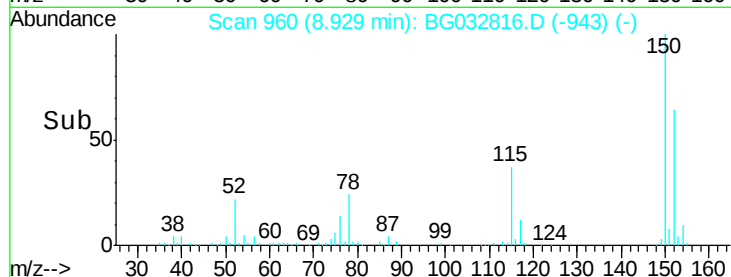
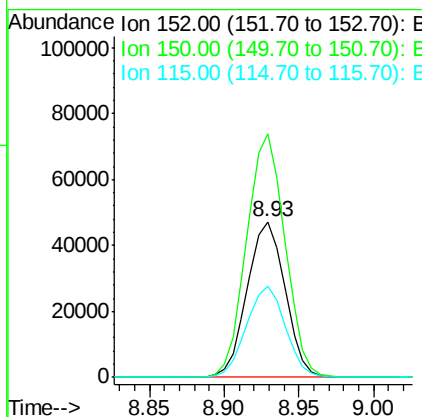
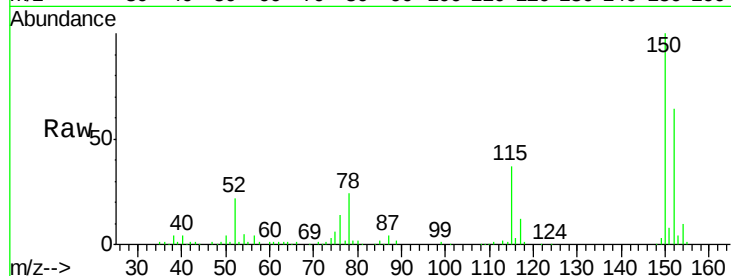
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Instrument :
BNA_G
ClientSampled :
MW-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	58.4	53.0	79.4

Manual Integrations
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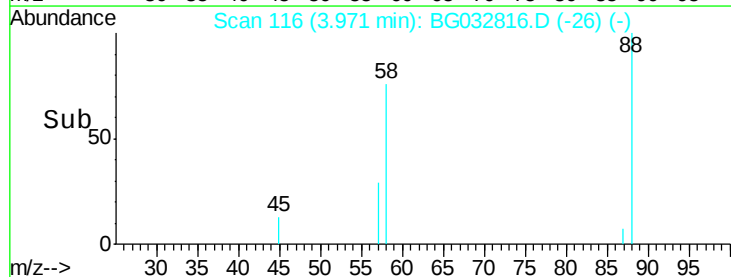
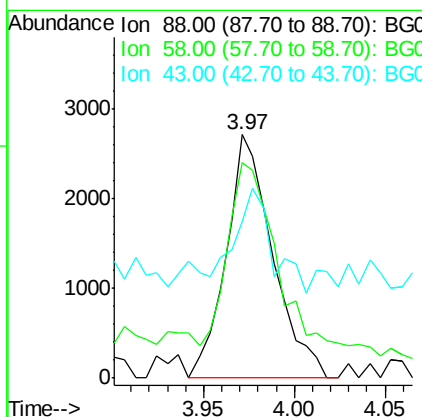
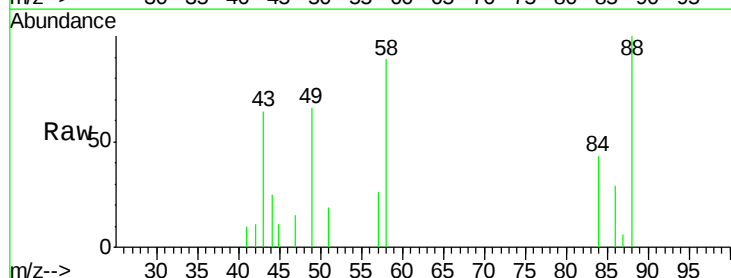
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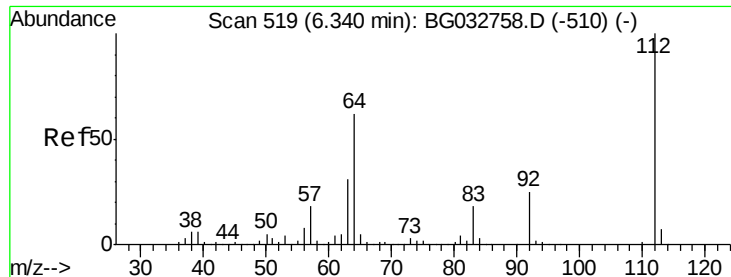


#2

1,4-Dioxane
Concen: 2.148 ng
RT: 3.97 min Scan# 116
Delta R.T. -0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.1	79.6	119.4
43	0.0	27.4	41.0#





#5

2-Fluorophenol

Concen: 66.856 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

Instrument :

BNA_G

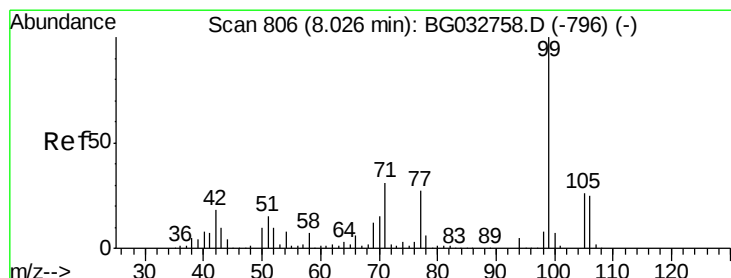
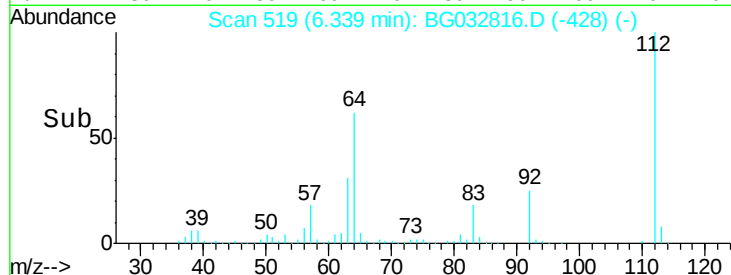
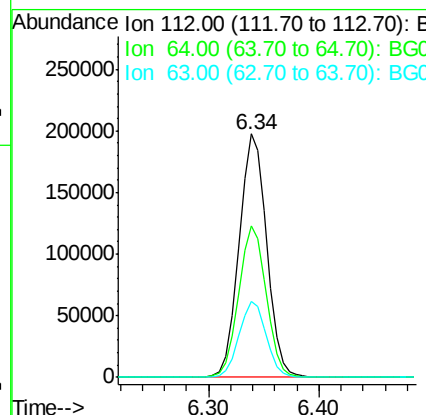
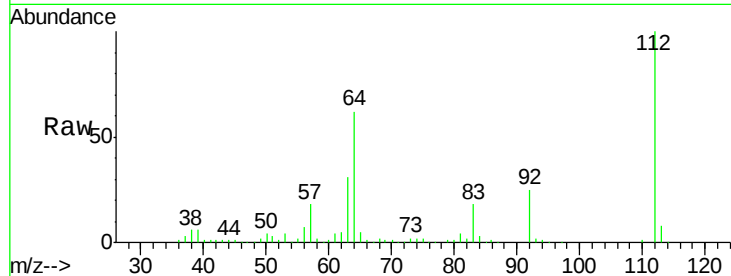
ClientSampled :

MW-9

Tot Ion:	112	Resp:	346273
Ion Ratio	Lower	Upper	
112	100		
64	62.3	56.3	84.5
63	31.3	30.1	45.1

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#7

Phenol-d6

Concen: 41.099 ng

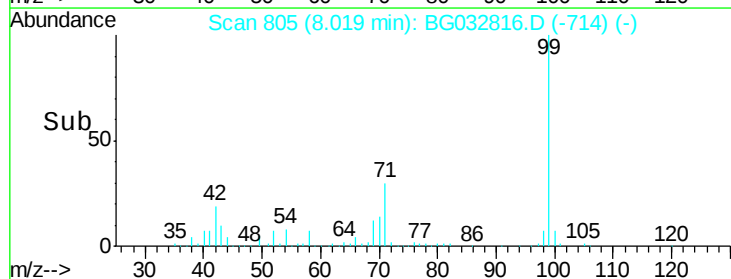
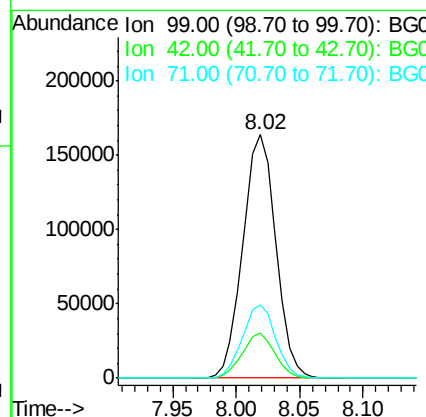
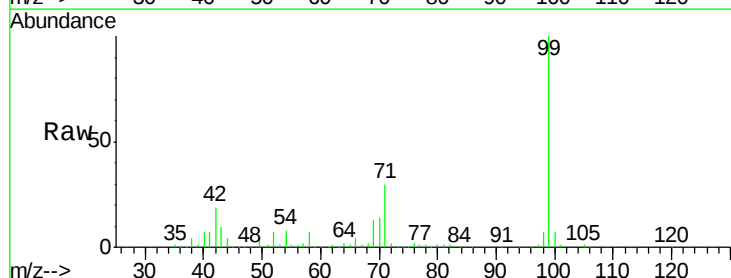
RT: 8.02 min Scan# 805

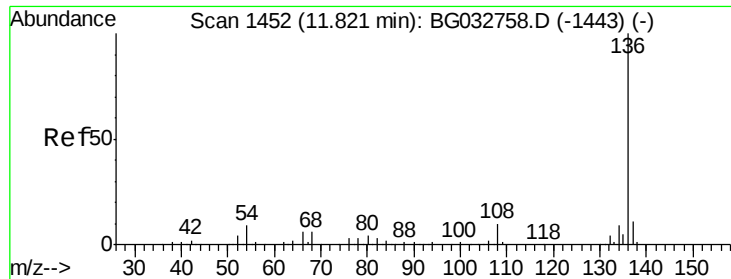
Delta R.T. 0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

Tgt Ion:	99	Resp:	296710
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.1	21.1
71	30.3	26.1	39.1





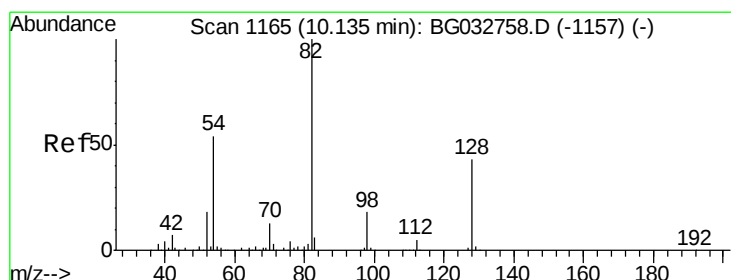
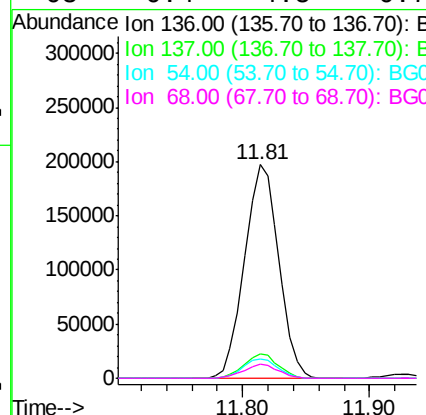
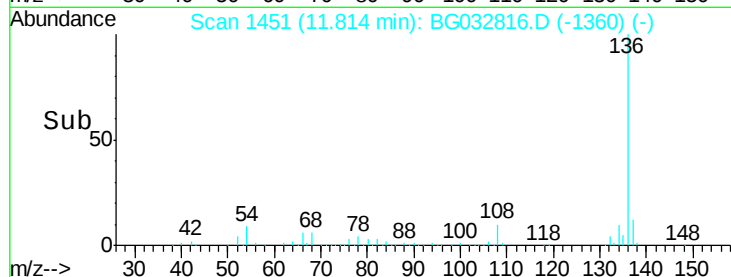
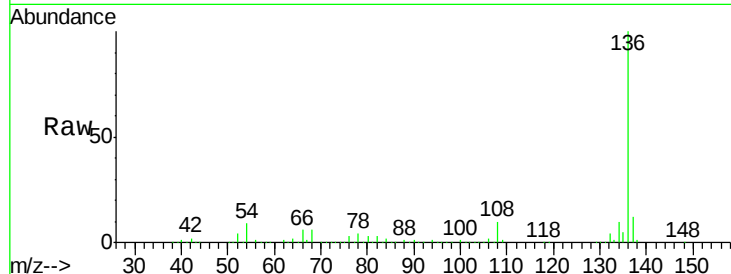
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Instrument :
BNA_G
ClientSampleId :
MW-9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.6		9.2	13.8	
54	9.2		10.3	15.5	
68	6.4		4.5	6.7	

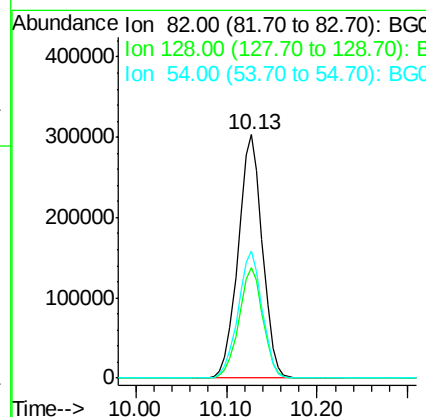
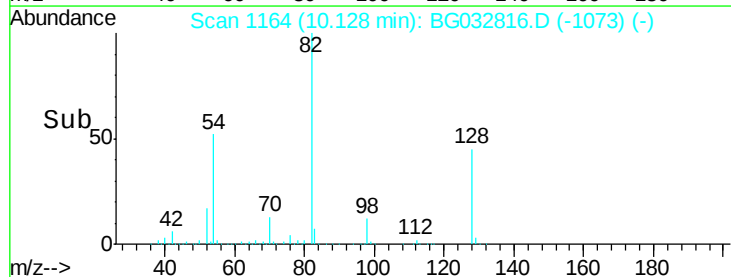
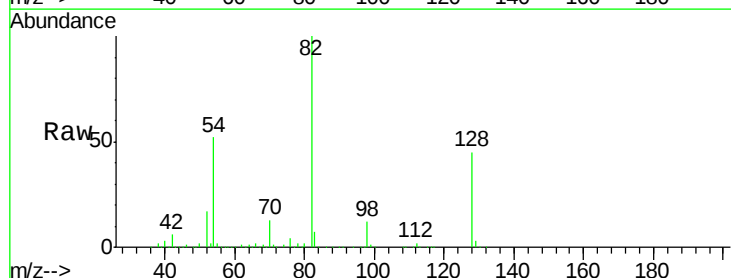
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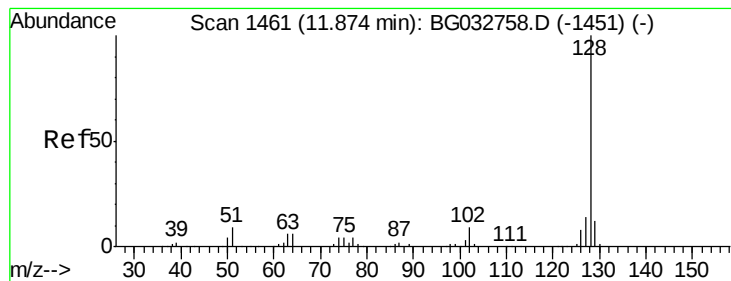
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#23
Nitrobenzene-d5
Concen: 102.929 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	45.4		29.7	44.5	
54	52.1		43.1	64.7	





#31

Naphthalene

Concen: 8.268 ng

RT: 11.87 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

Instrument :

BNA_G

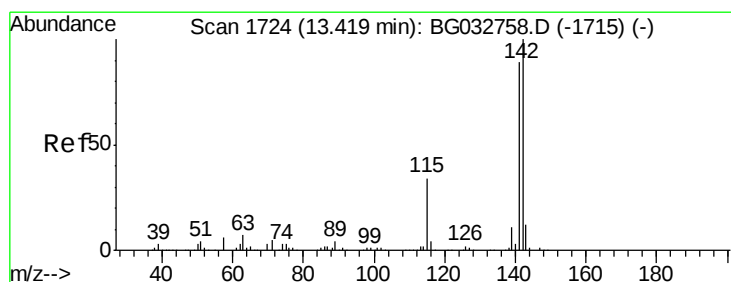
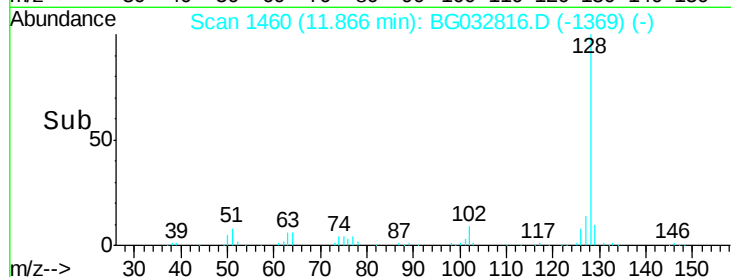
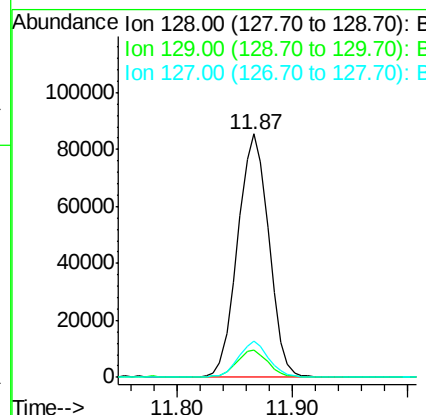
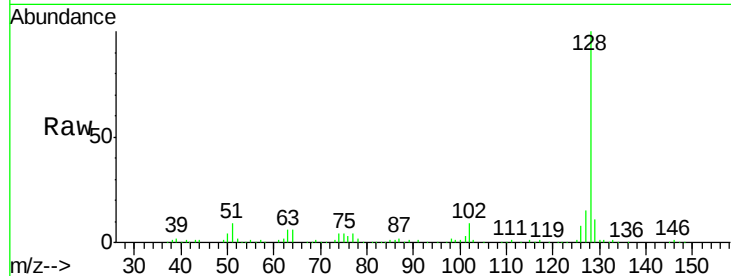
ClientSampled :

MW-9

Tot Ion:	128	Resp:	159782
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	12.8
127	14.6	11.6	17.4

Manual Integrations
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#37

2-Methylnaphthalene

Concen: 4.273 ng

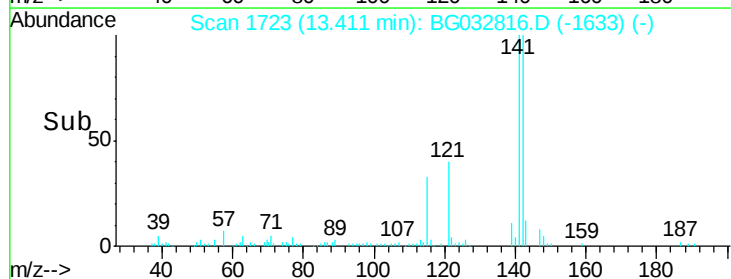
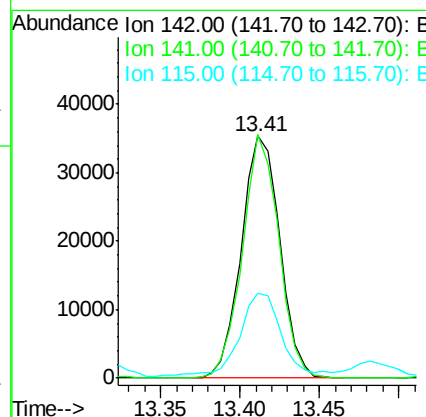
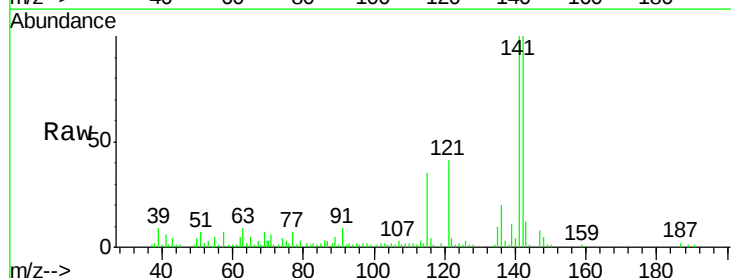
RT: 13.41 min Scan# 1723

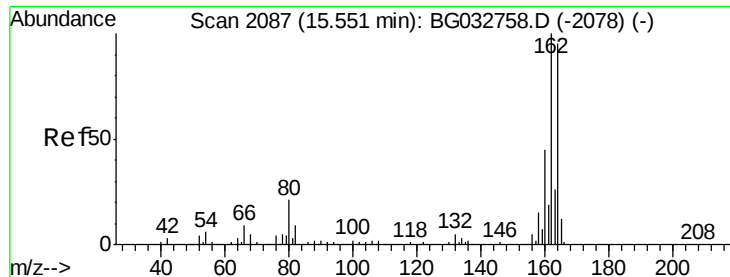
Delta R.T. -0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

Tgt Ion:	142	Resp:	59744
Ion Ratio	Lower	Upper	
142	100		
141	100.5	67.1	100.7
115	35.2	30.7	46.1





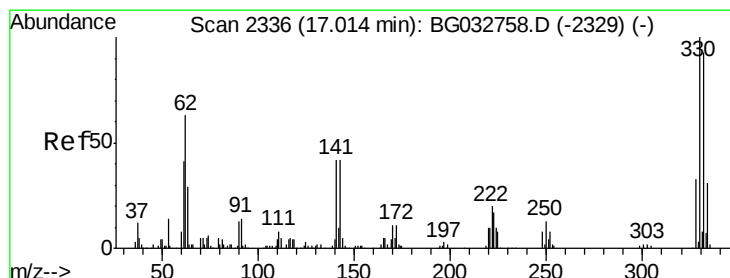
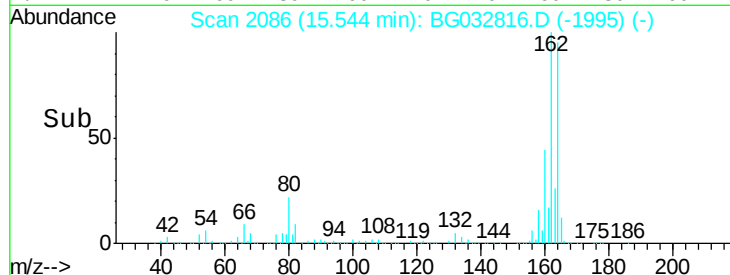
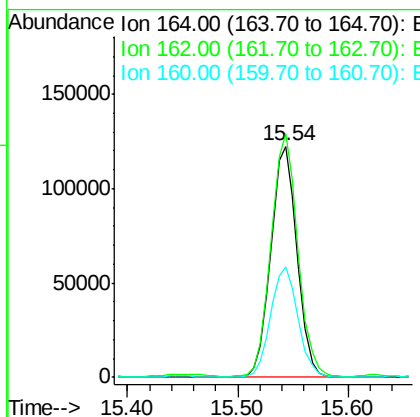
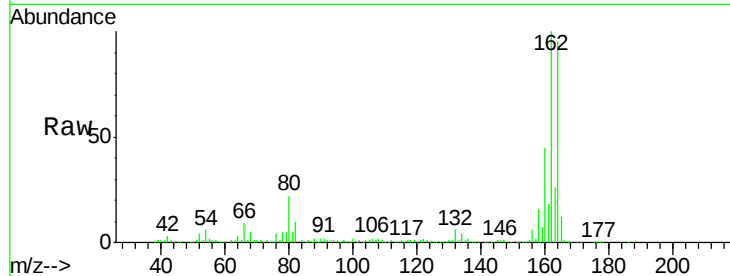
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Instrument :
BNA_G
ClientSampleId :
MW-9

Tot Ion	Ratio	Resp	Lower	Upper
164	100	202665		
162	105.3	78.8	118.2	
160	47.9	35.4	53.0	

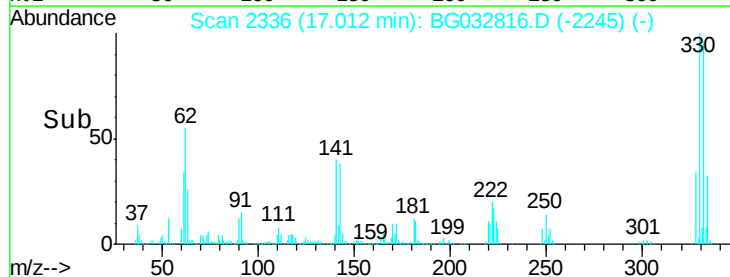
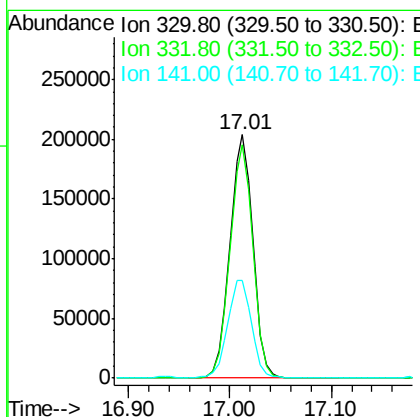
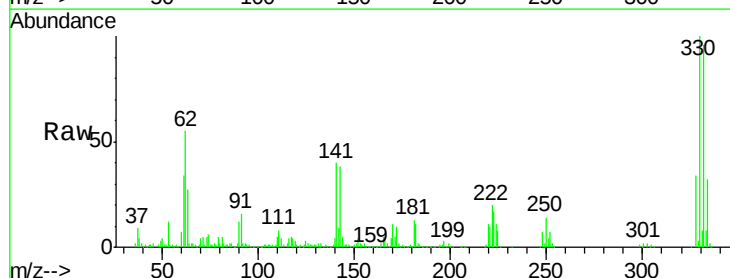
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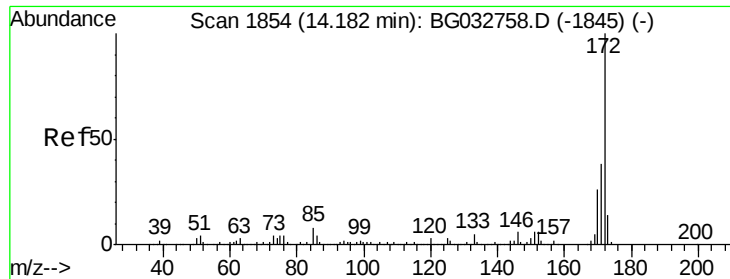
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#41
2,4,6-Tribromophenol
Concen: 150.168 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	320001		
332	95.6	77.0	115.6	
141	40.7	25.2	37.8#	





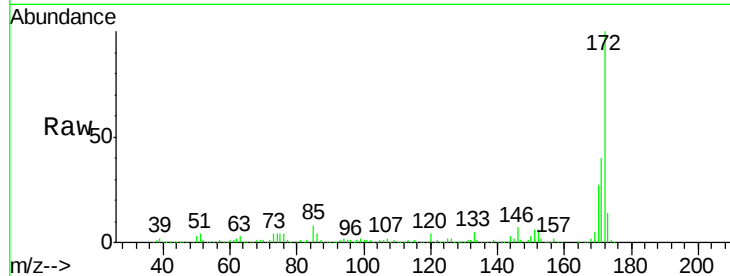
#44
2-Fluorobiphenyl
Concen: 86.819 ng
RT: 14.18 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Instrument :
BNA_G
ClientSampled :
MW-9

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.0	45.0
170	26.6	19.5	29.3

Manual Integrations
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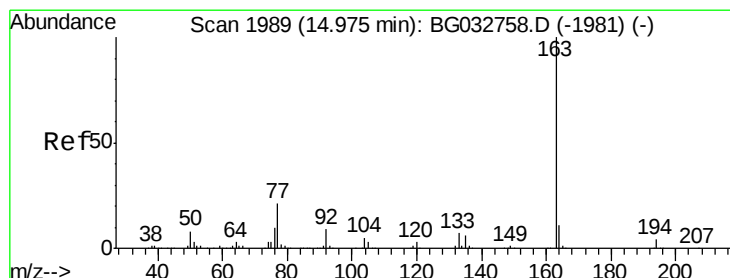
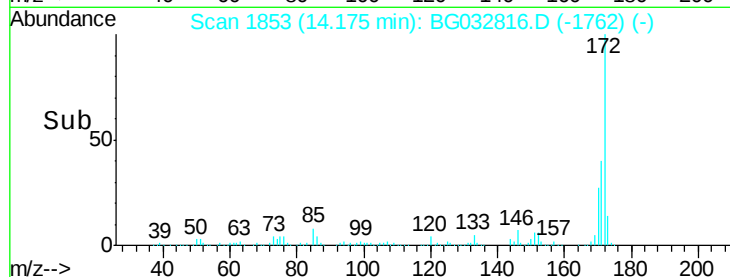
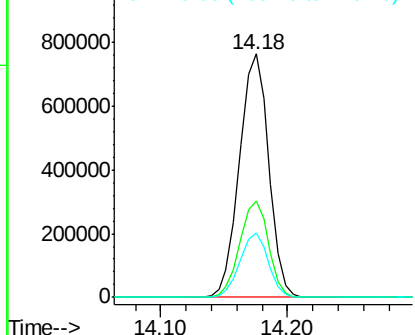


Abundance

Ion 172.00 (171.70 to 172.70): E

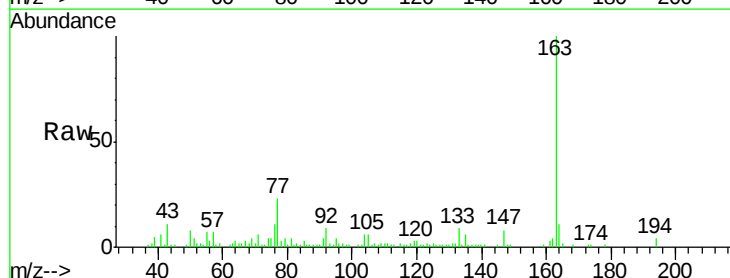
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 2.630 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	11.3	8.2	12.4

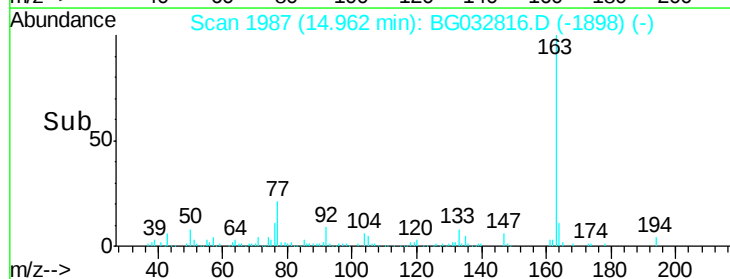
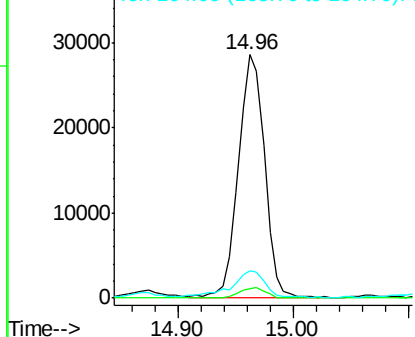


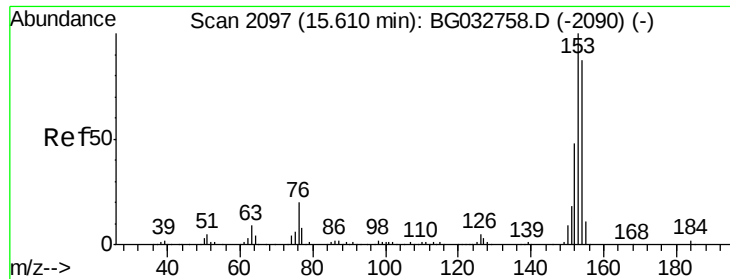
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 78.858 ng

RT: 15.61 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

Instrument :

BNA_G

ClientSampled :

MW-9

Tot Ion:154 Resp: 1063700

Ion Ratio Lower Upper

154 100

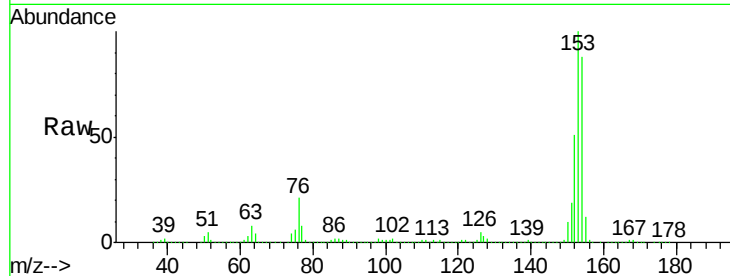
153 113.5 90.4 135.6

152 57.8 41.6 62.4

Manual Integrations
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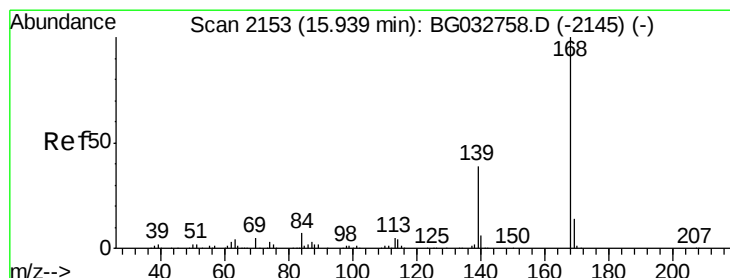
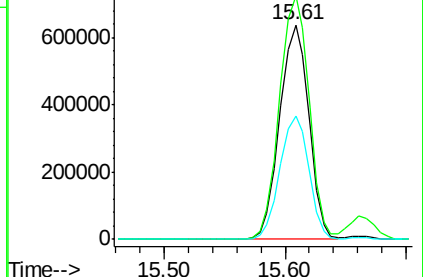
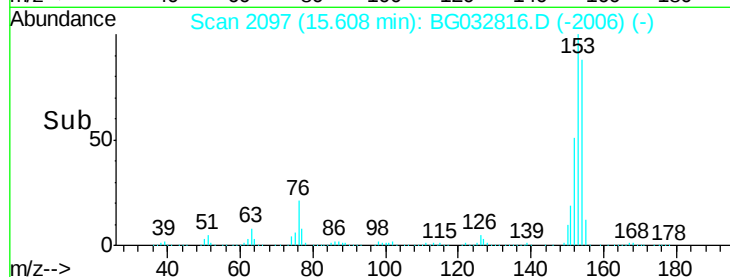
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 39.182 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

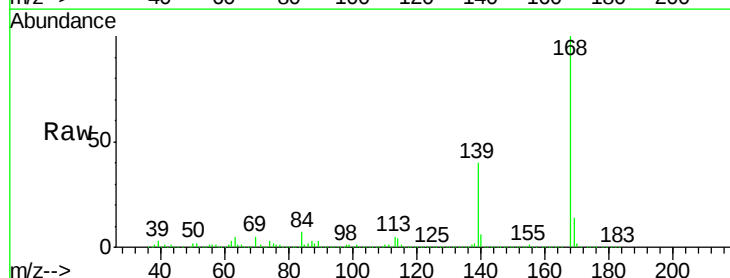
Tgt Ion:168 Resp: 752548

Ion Ratio Lower Upper

168 100

139 40.4 28.6 43.0

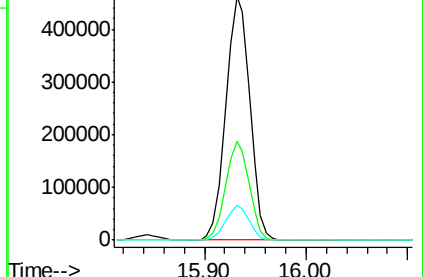
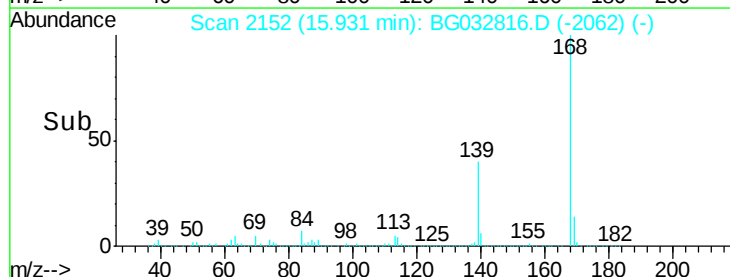
169 14.4 11.2 16.8

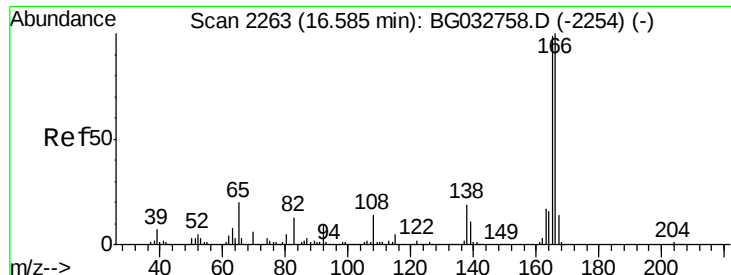


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





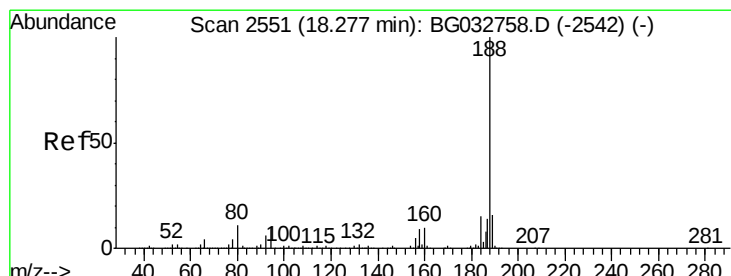
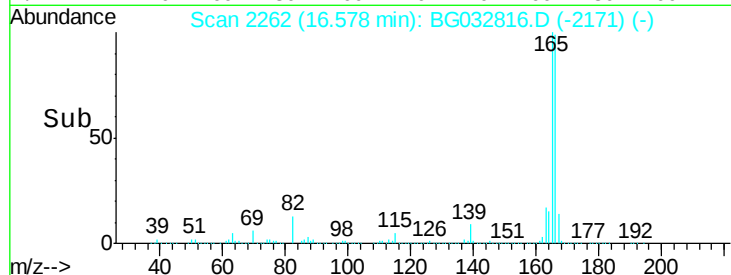
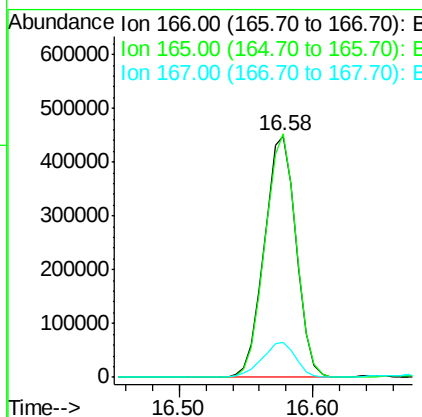
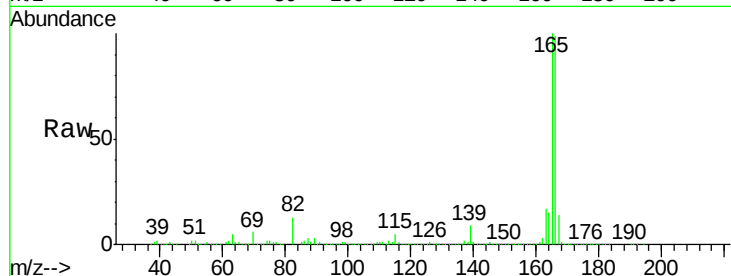
#57
 Fluorene
 Concen: 46.589 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: BG032816.D
 Acq: 26 Feb 2018 10:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.6	121.0
167	14.4	10.4	15.6

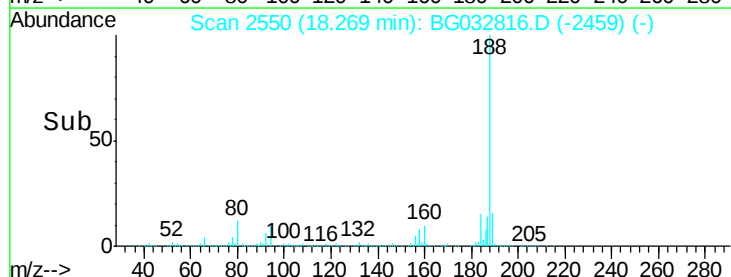
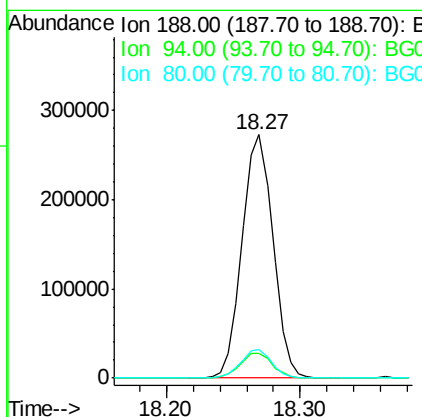
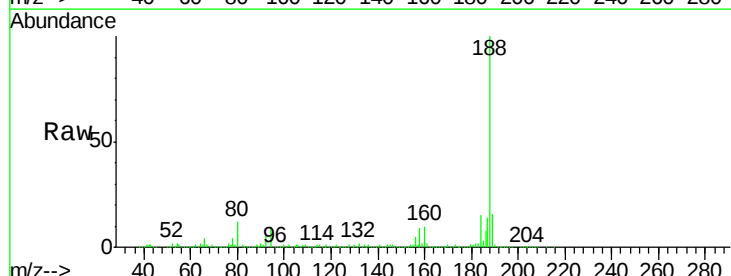
Manual Integrations
 APPROVED

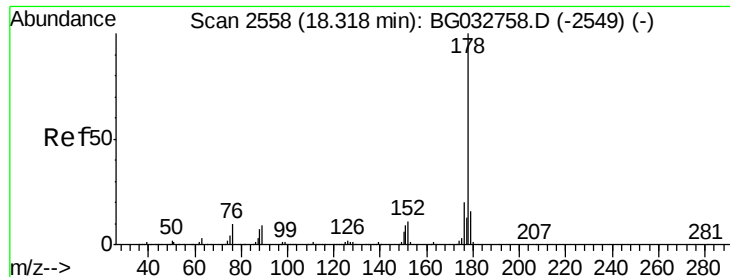
Sohil
 2/27/2018 12:15:26 PM



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BG032816.D
 Acq: 26 Feb 2018 10:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	11.8	7.7	11.5





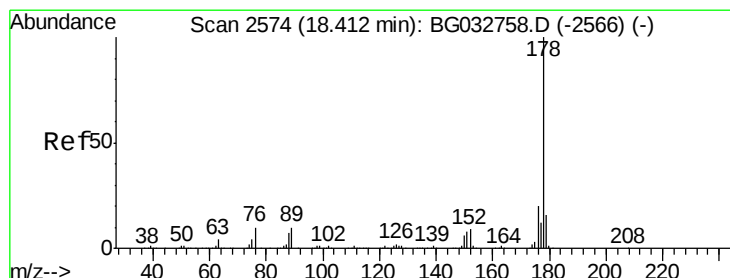
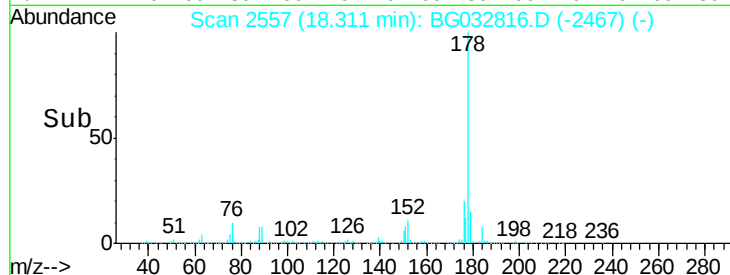
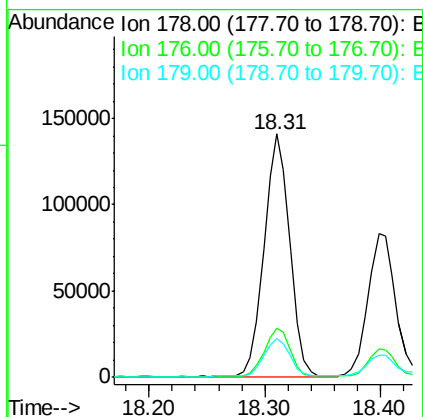
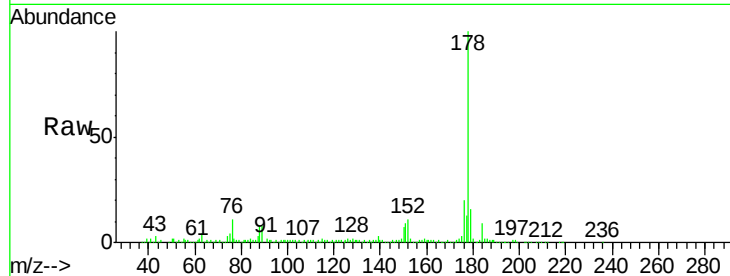
#70
Phenanthrene
Concen: 8.964 ng
RT: 18.31 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Instrument :
BNA_G
ClientSampleId :
MW-9

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.7	12.5	18.7

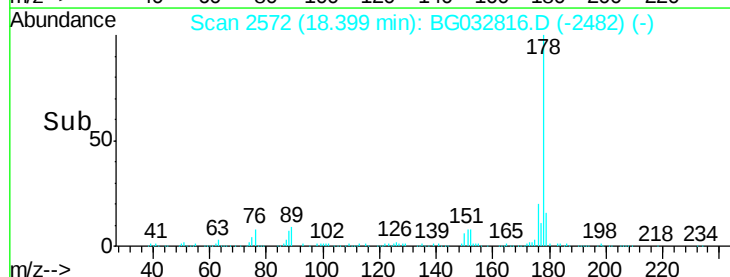
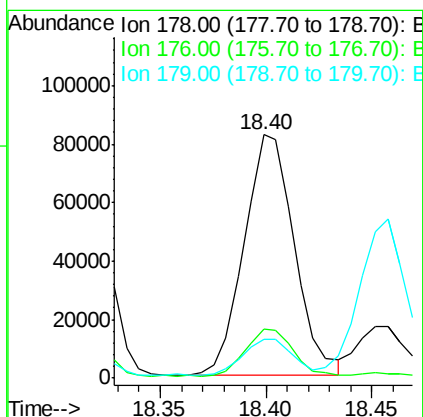
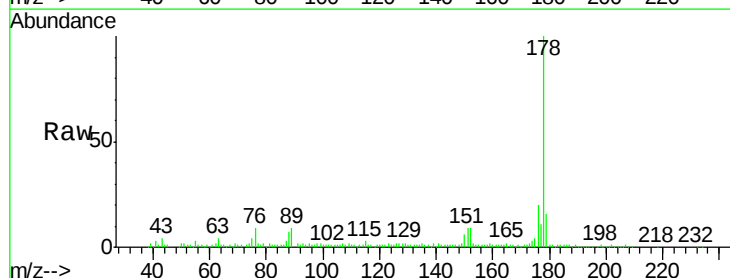
Manual Integrations
APPROVED

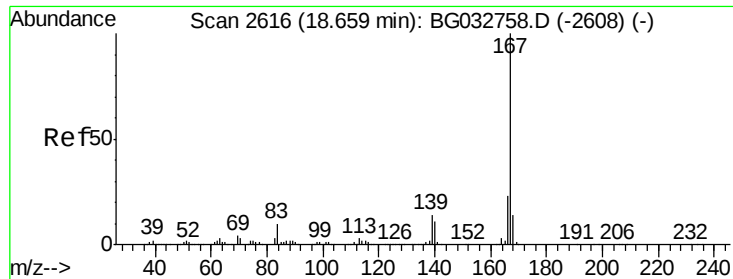
Sohil
2/27/2018 12:15:26 PM



#71
Anthracene
Concen: 5.577 ng
RT: 18.40 min Scan# 2572
Delta R.T. -0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.9	12.5	18.7





#72

Carbazole

Concen: 9.775 ng

RT: 18.65 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

Instrument :

BNA_G

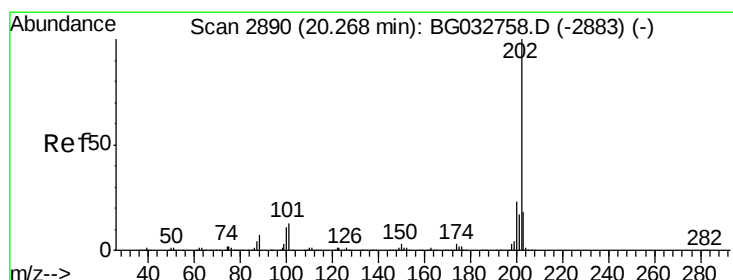
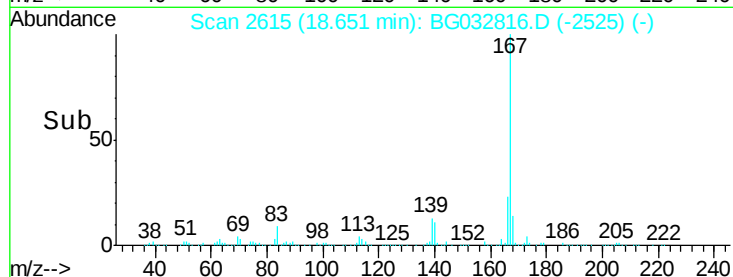
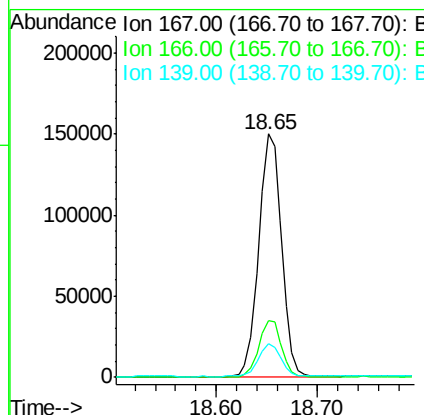
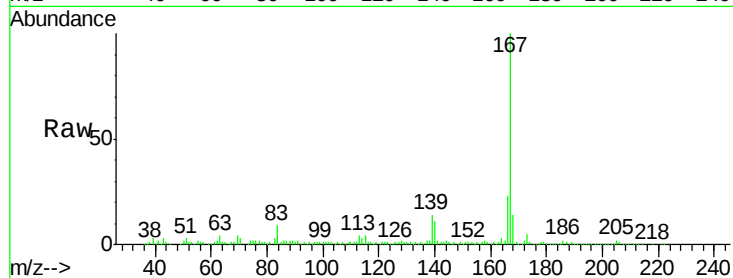
ClientSampleId :

MW-9

Tot Ion:	167	Resp:	234915
Ion Ratio	Lower	Upper	
167	100		
166	23.1	18.2	27.4
139	13.8	9.4	14.2

Manual Integrations
APPROVED

Sohil
2/27/2018 12:15:26 PM



#74

Fluoranthene

Concen: 7.138 ng

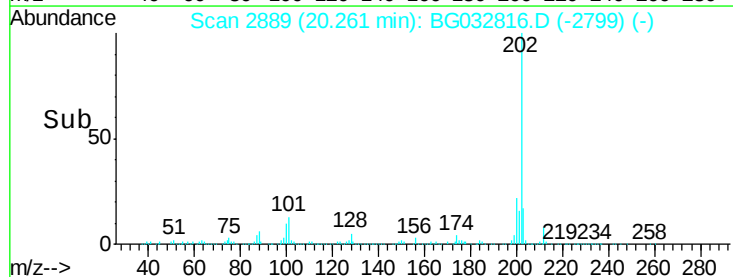
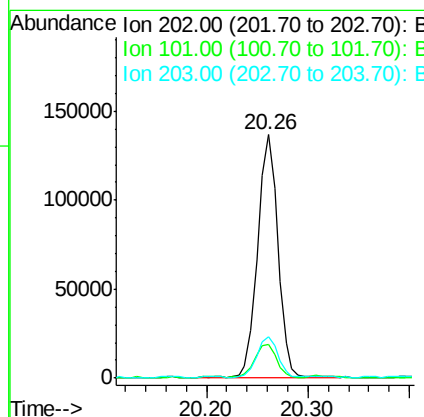
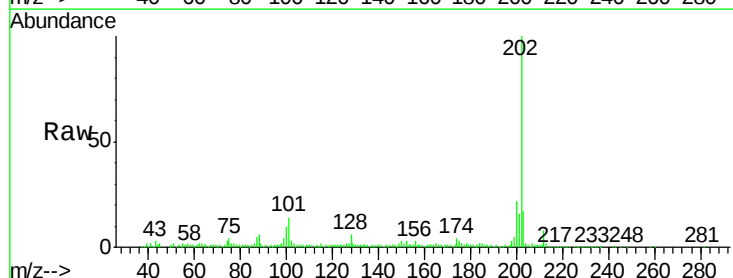
RT: 20.26 min Scan# 2889

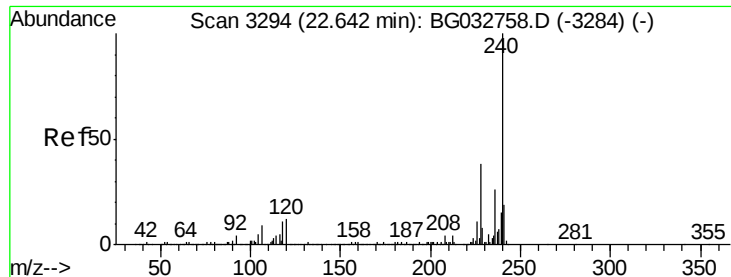
Delta R.T. -0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

Tgt Ion:	202	Resp:	191477
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	28.9
203	17.2	0.0	37.5





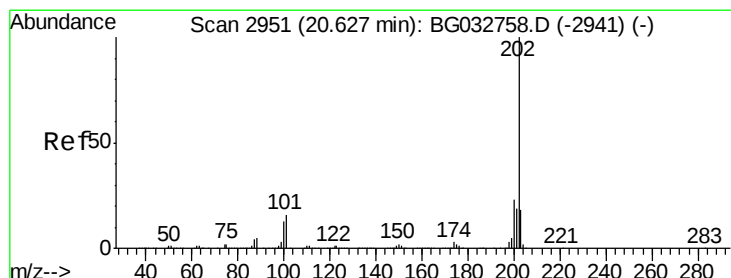
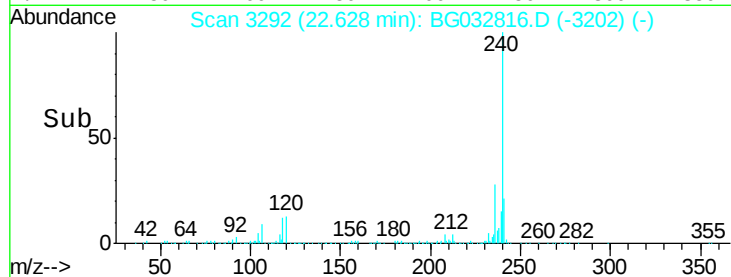
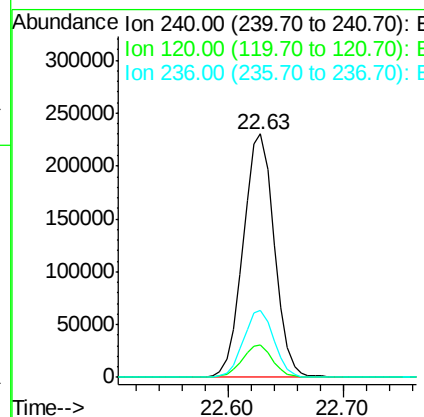
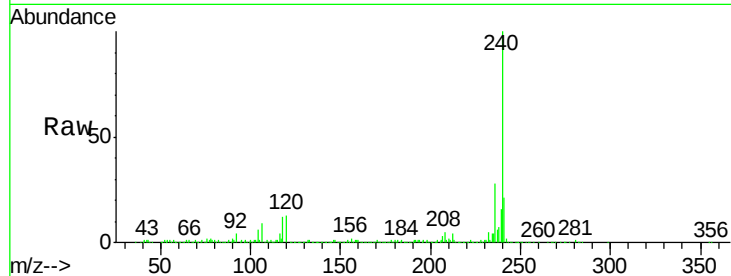
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Instrument :
BNA_G
ClientSampleId :
MW-9

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	27.6	20.9	31.3

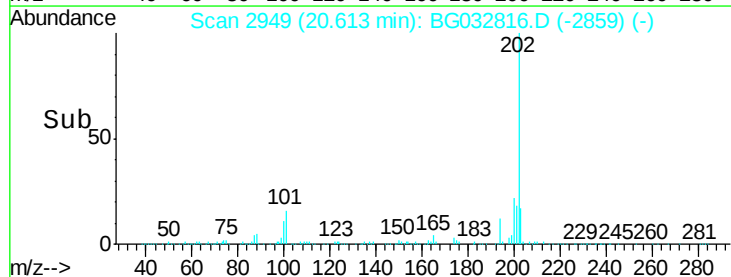
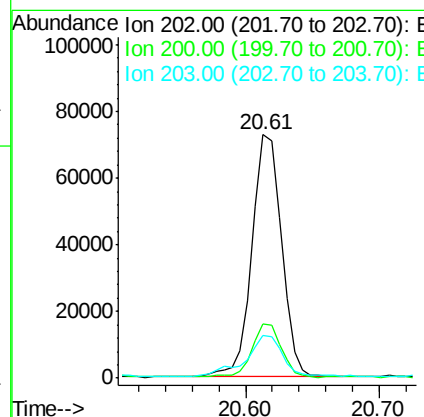
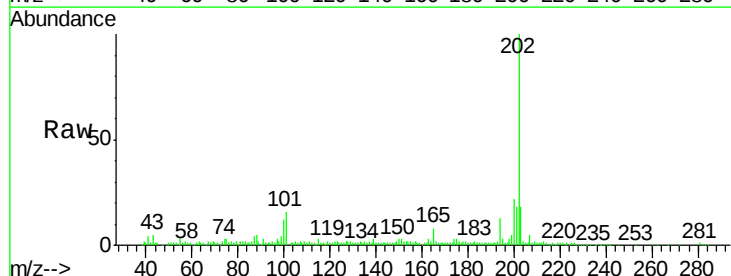
Manual Integrations
APPROVED

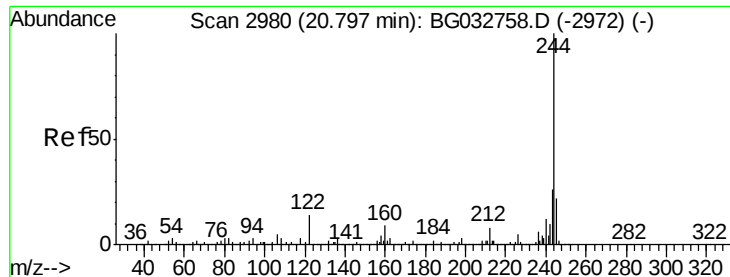
Sohil
2/27/2018 12:15:26 PM



#77
Pyrene
Concen: 3.657 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG032816.D
Acq: 26 Feb 2018 10:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.9	25.3
203	17.5	13.9	20.9





#78

Terphenyl-d14

Concen: 81.428 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

Instrument :

BNA_G

ClientSampled :

MW-9

Tot Ion:244 Resp: 1557300

Ion Ratio Lower Upper

244 100

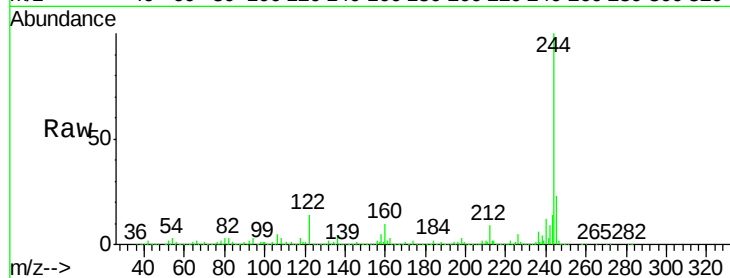
212 8.8 5.8 8.8#

122 14.2 7.0 10.4#

Manual Integrations
APPROVED

Sohil

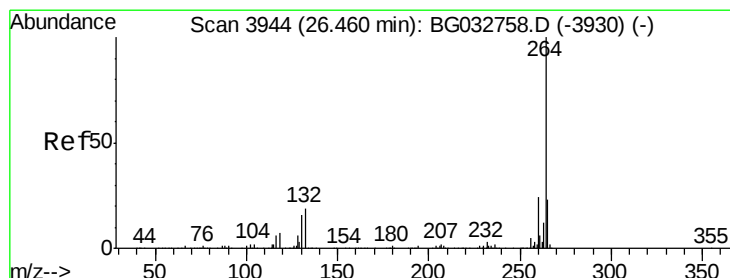
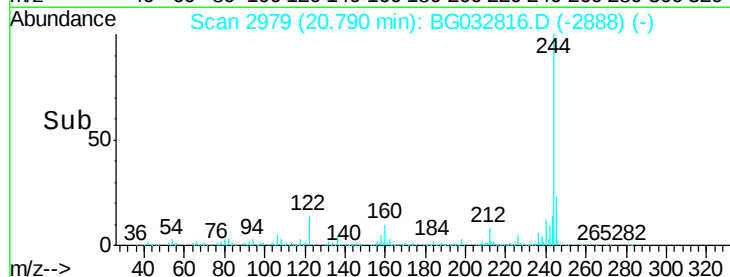
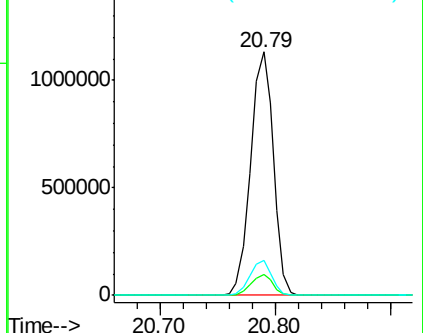
2/27/2018 12:15:26 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.44 min Scan# 3941

Delta R.T. 0.00 min

Lab File: BG032816.D

Acq: 26 Feb 2018 10:57

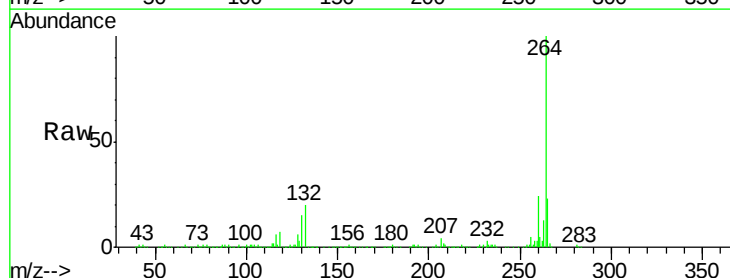
Tgt Ion:264 Resp: 463024

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

