

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033136.D
 Acq On : 14 Mar 2018 4:44
 Operator : SJ/JU
 Sample : J1885-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-4008

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:31:47 PM

Quant Time: Mar 14 11:55:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	48835	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	211566	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	113817	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	245935	20.00	ng	0.00
75) Chrysene-d12	22.61	240	230753	20.00	ng	0.00
86) Perylene-d12	26.41	264	210524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	396264	129.82	ng	0.01
7) Phenol-d6	8.02	99	487934	114.68	ng	0.01
23) Nitrobenzene-d5	10.11	82	385751	121.69	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	134383	112.29	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	792436	100.41	ng	0.00
78) Terphenyl-d14	20.77	244	1127621	109.79	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	60199	5.445	ng	Qvalue 99
32) Benzoic acid	10.96	122	7550m	10.239	ng	

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

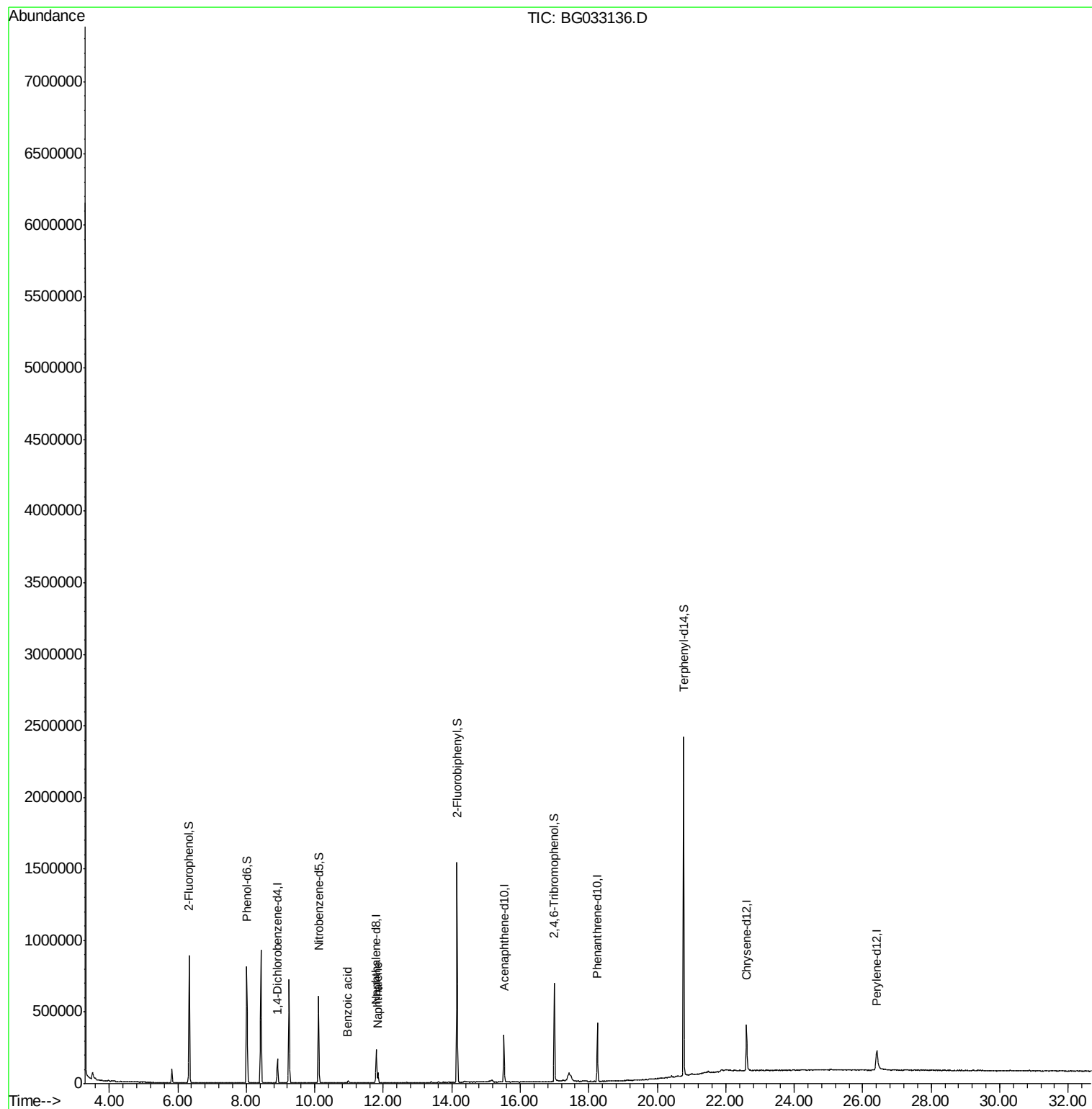
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033136.D
Acq On : 14 Mar 2018 4:44
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ALS Vial : 21 Sample Multiplier: 1

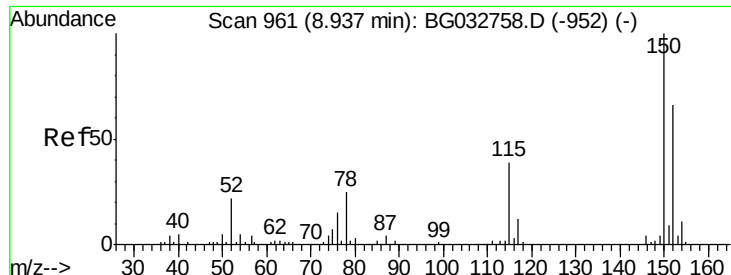
Instrument :
BNA_G
ClientSampleId :
RT-4008

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Quant Time: Mar 14 11:55:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration





#1

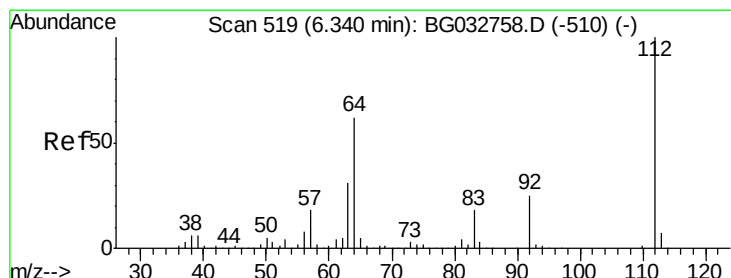
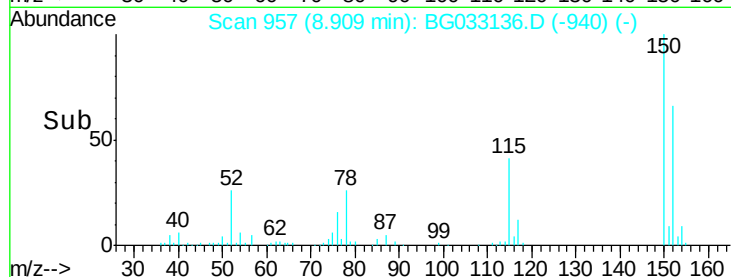
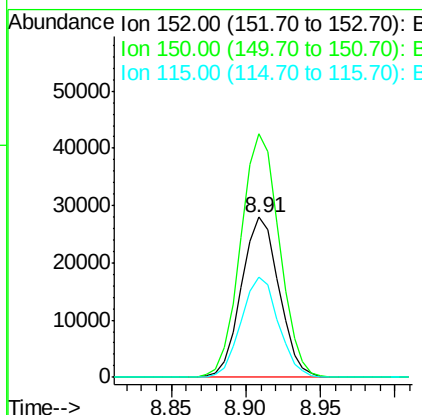
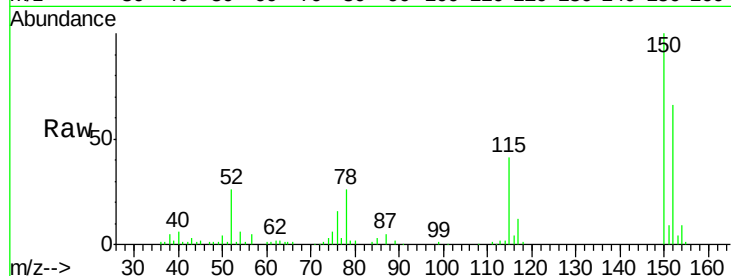
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033136.D
Acq: 14 Mar 2018 4:44

Instrument :
BNA_G
ClientSampled :
RT-4008

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	62.4	53.0	79.4

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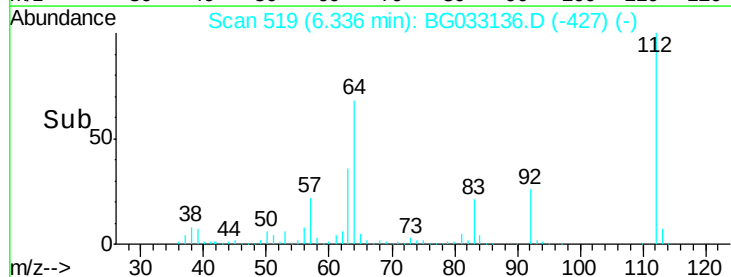
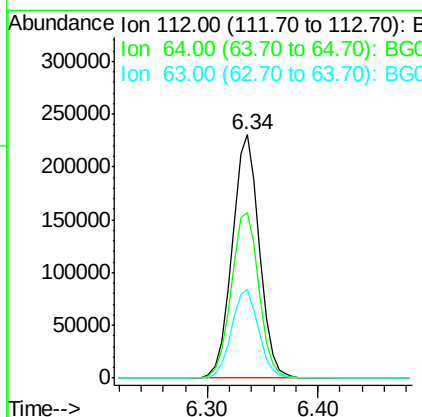
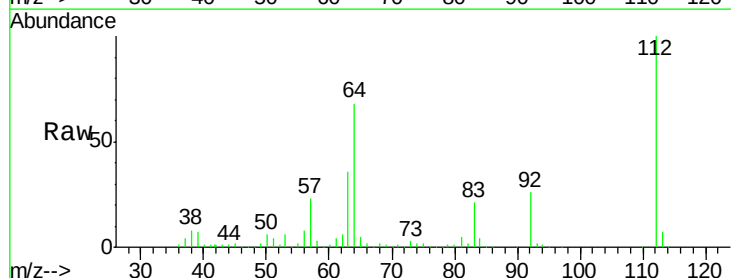
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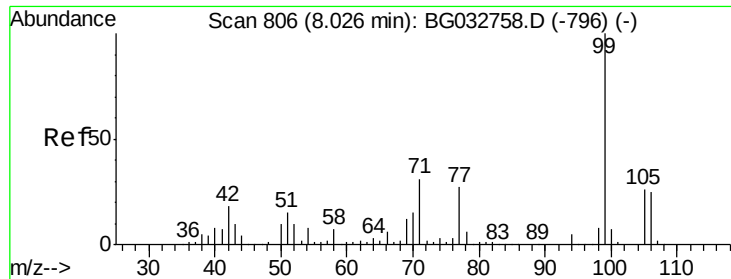


#5

2-Fluorophenol
Concen: 129.818 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG033136.D
Acq: 14 Mar 2018 4:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	56.3	84.5
63	36.3	30.1	45.1





#7

Phenol-d6

Concen: 114.681 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033136.D

Acq: 14 Mar 2018 4:44

Instrument :

BNA_G

ClientSampleId :

RT-4008

Tot Ion: 99 Resp: 487934

Ion Ratio Lower Upper

99 100

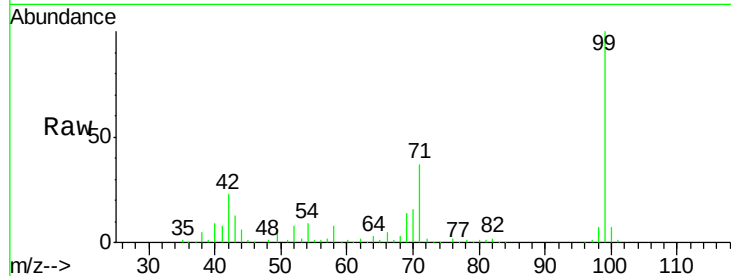
42 22.5 14.1 21.1#

71 37.1 26.1 39.1

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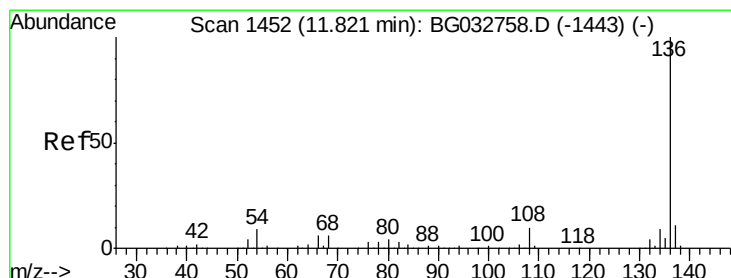
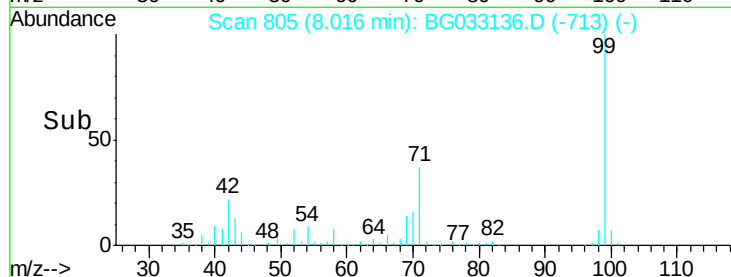
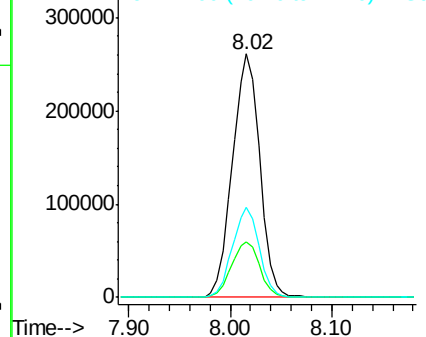
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Abundance Ion 99.00 (98.70 to 99.70): BGC

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: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033136.D

Acq: 14 Mar 2018 4:44

Tgt Ion: 136 Resp: 211566

Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 10.9 10.3 15.5

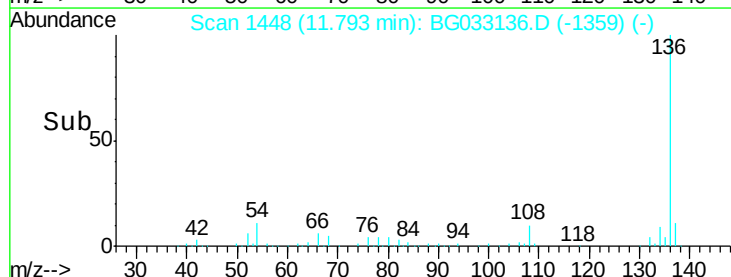
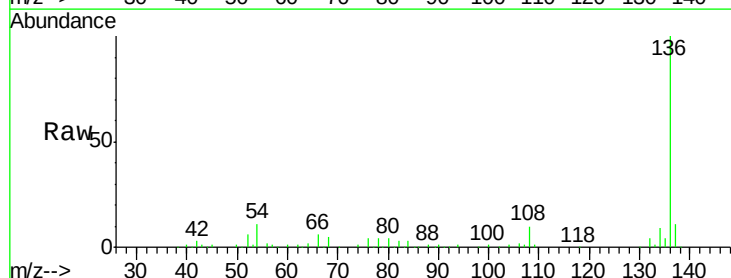
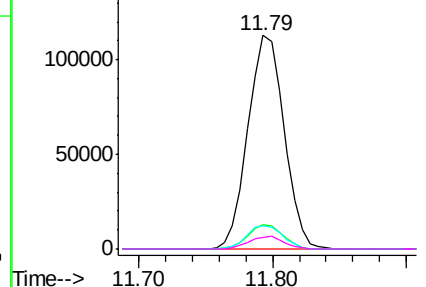
68 5.3 4.5 6.7

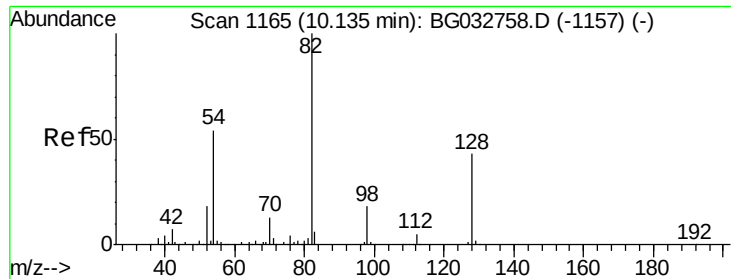
Abundance Ion 136.00 (135.70 to 136.70): BGC

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





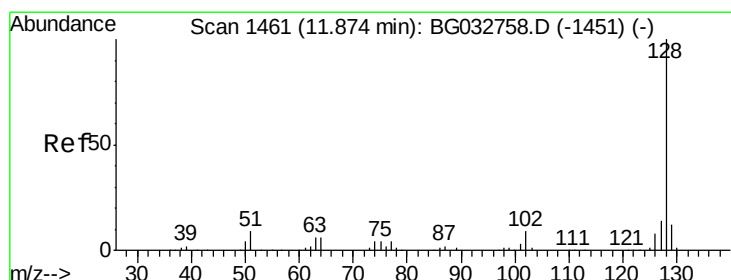
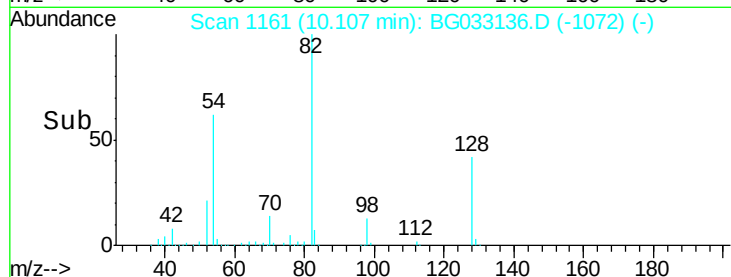
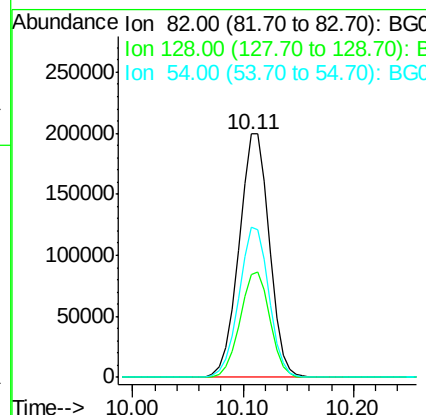
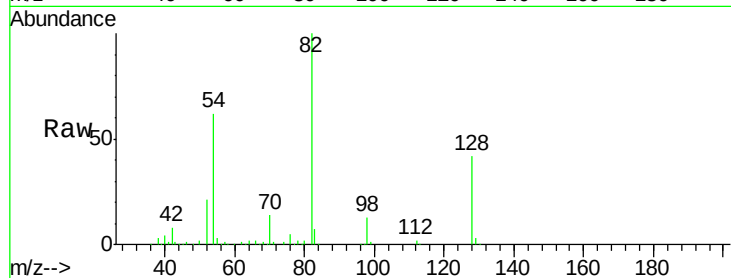
#23
Nitrobenzene-d5
Concen: 121.686 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033136.D
Acq: 14 Mar 2018 4:44

Instrument :
BNA_G
ClientSampled :
RT-4008

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	29.7	44.5
54	61.8	43.1	64.7

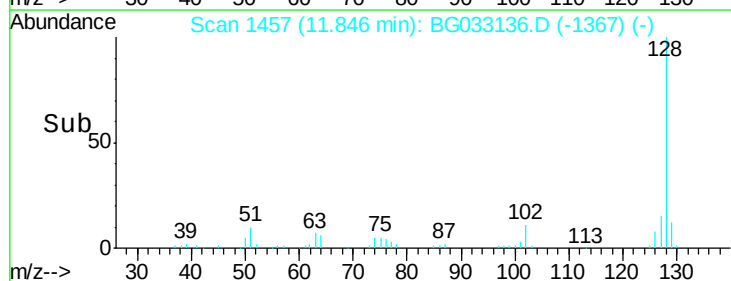
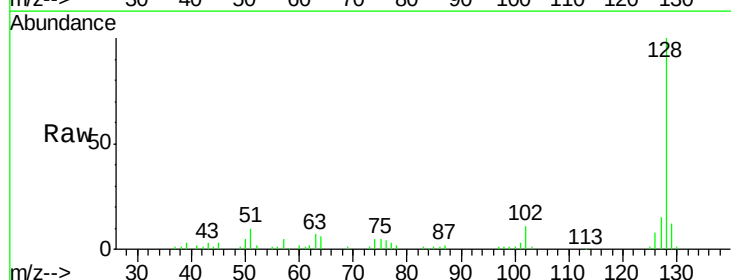
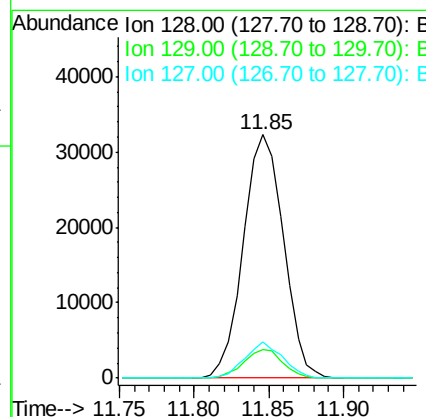
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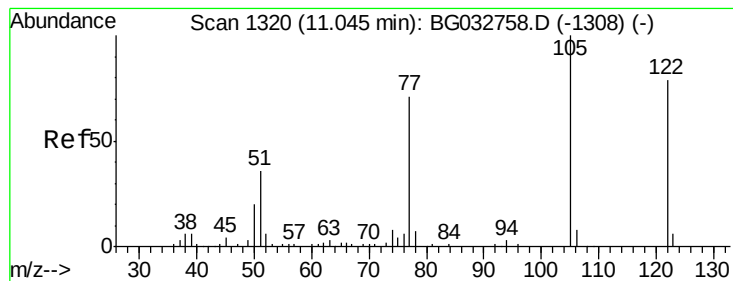
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#31
Naphthalene
Concen: 5.445 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BG033136.D
Acq: 14 Mar 2018 4:44

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.8	11.6	17.4





#32

Benzoic acid

Concen: 10.239 ng

RT: 10.96 min Scan# 1307

Delta R.T. -0.06 min

Lab File: BG033136.D

Acq: 14 Mar 2018 4:44

Instrument :

BNA_G

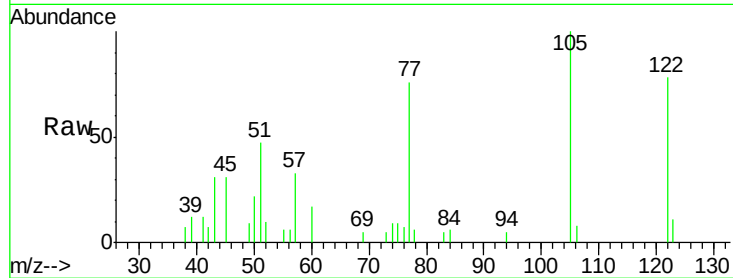
ClientSampled :

RT-4008

Tot Ion	Ratio	Lower	Upper
122	100		
105	128.8	123.5	163.5
77	98.1	85.7	125.7

Manual Integrations
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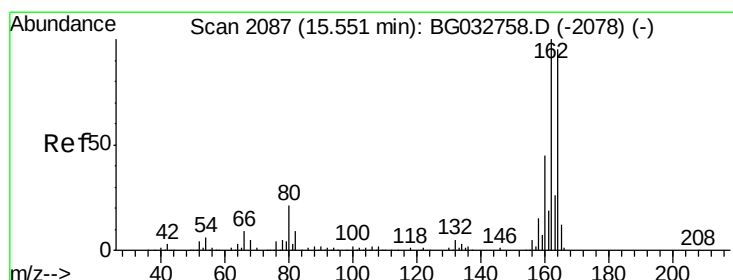
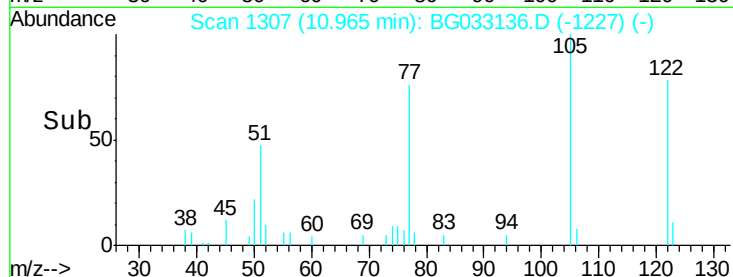
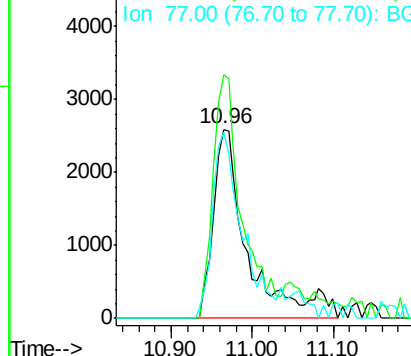


Abundance

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



#38

Acenaphthene-d10

Concen: 20.000 ng

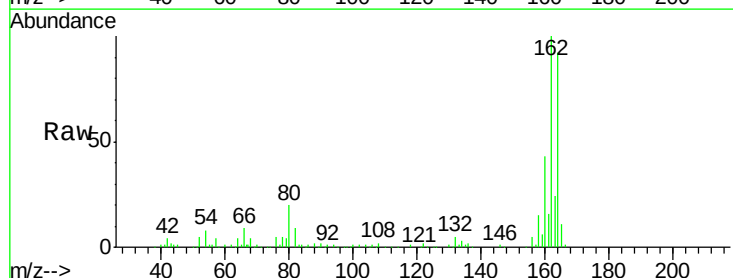
RT: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033136.D

Acq: 14 Mar 2018 4:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	78.8	118.2
160	46.9	35.4	53.0

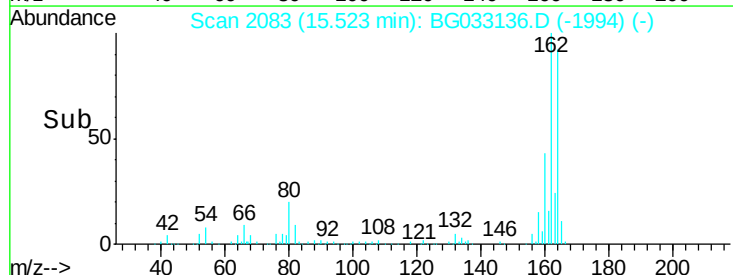
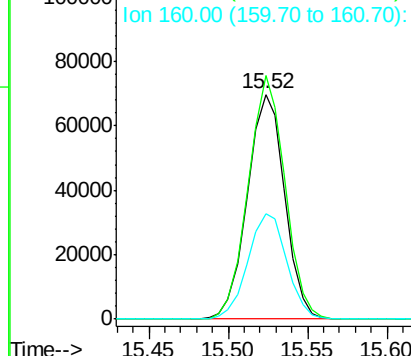


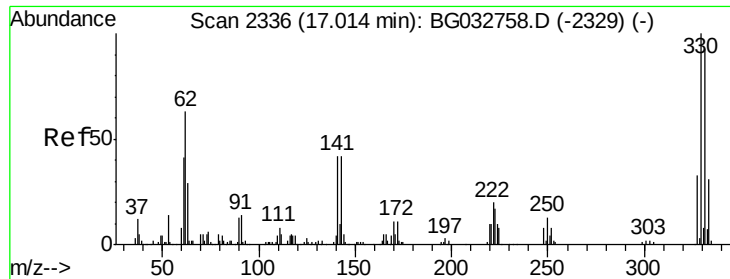
Abundance

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





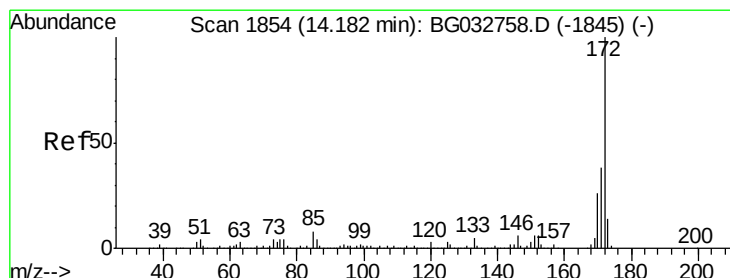
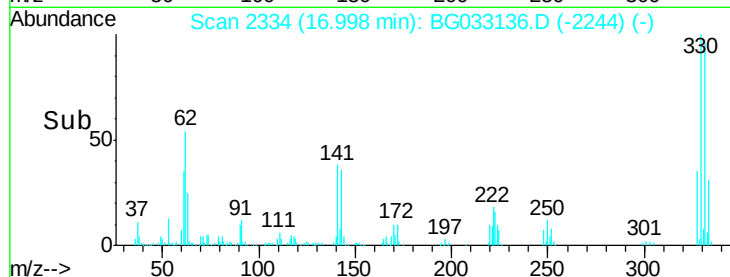
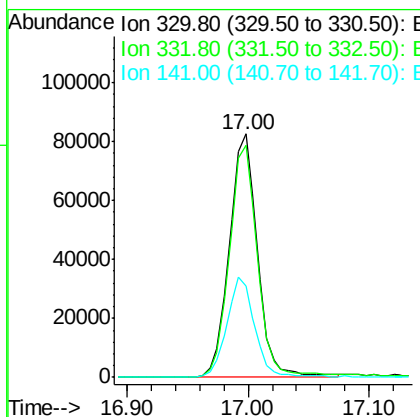
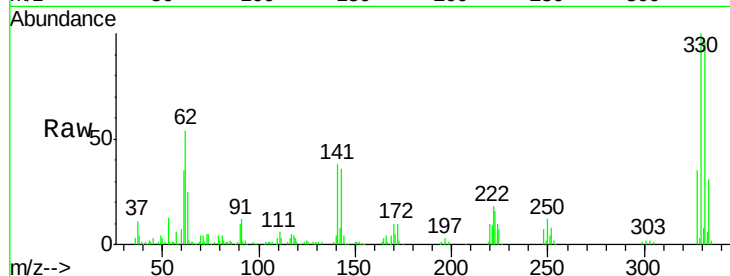
#41
 2,4,6-Tribromophenol
 Concen: 112.290 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG033136.D
 Acq: 14 Mar 2018 4:44

Instrument :
 BNA_G
 ClientSampled :
 RT-4008

Tot Ion	Ratio	Resp	Lower	Upper
330	100	134383		
332	97.7	77.0	115.6	
141	40.6	25.2	37.8#	

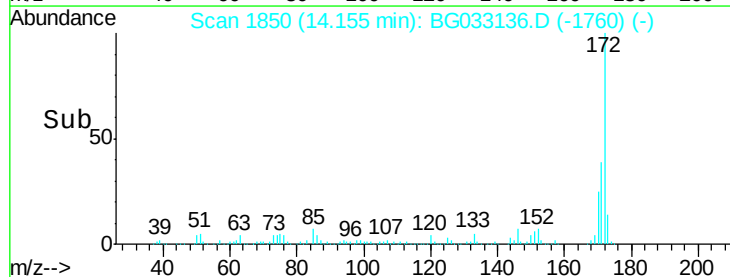
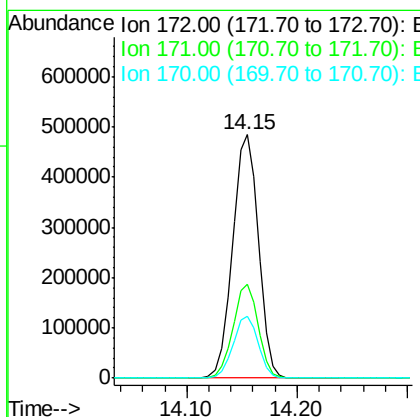
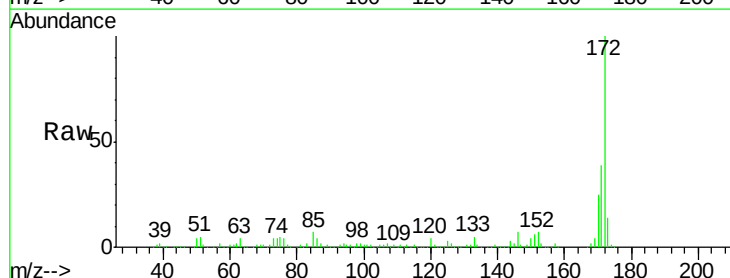
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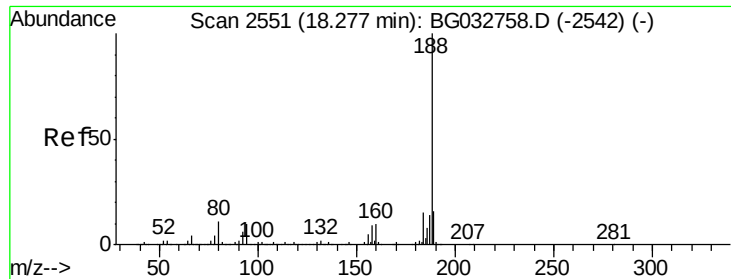
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#44
 2-Fluorobiphenyl
 Concen: 100.415 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG033136.D
 Acq: 14 Mar 2018 4:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	792436		
171	38.8	30.0	45.0	
170	25.3	19.5	29.3	





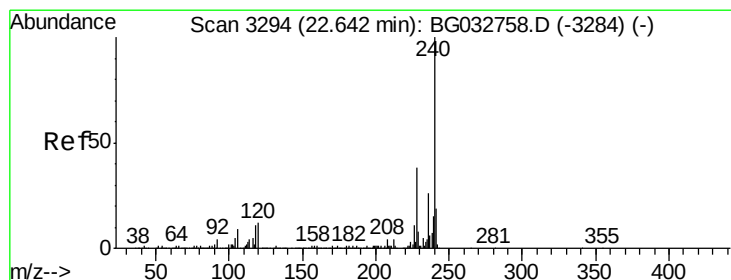
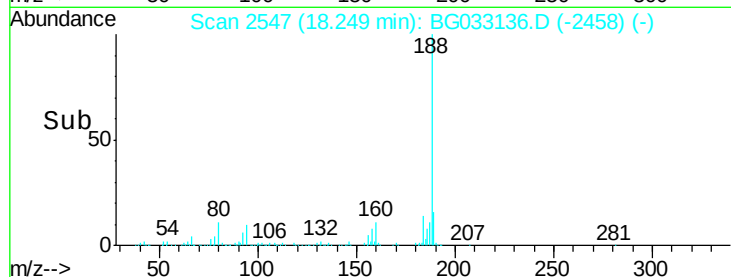
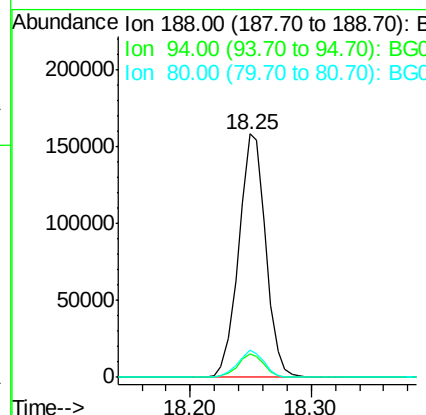
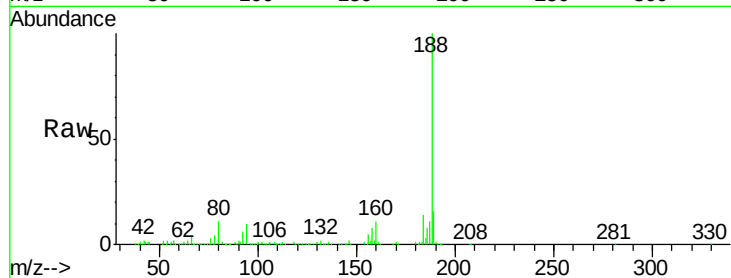
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033136.D
Acq: 14 Mar 2018 4:44

Instrument :
BNA_G
ClientSampleId :
RT-4008

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	6.9	10.3
80	11.4	7.7	11.5

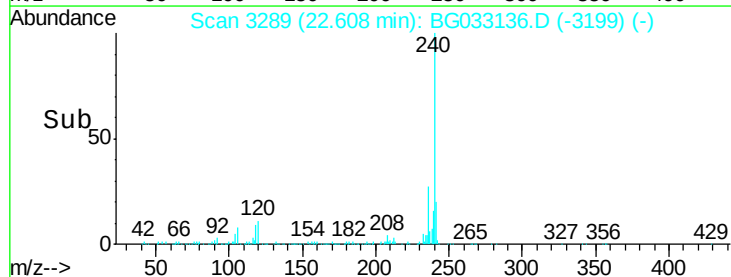
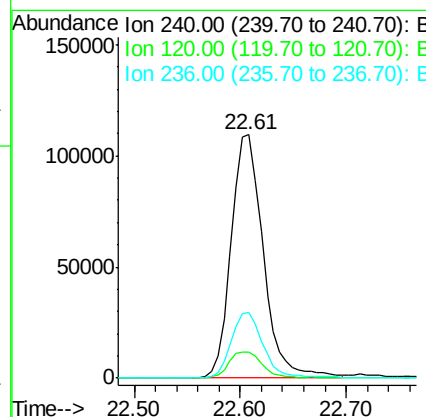
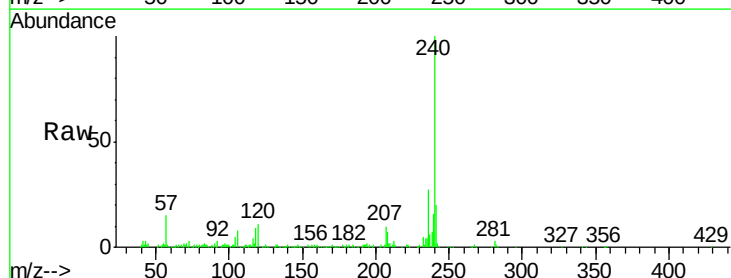
Manual Integrations
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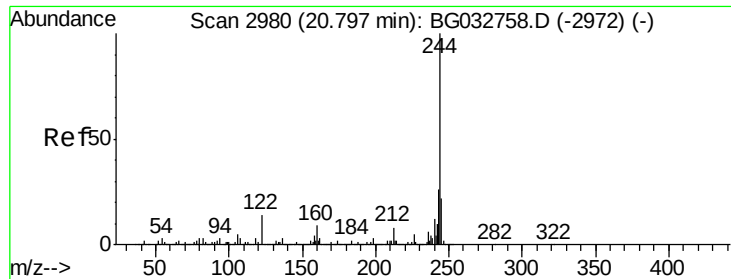
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033136.D
Acq: 14 Mar 2018 4:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	6.8	10.2#
236	26.7	20.9	31.3





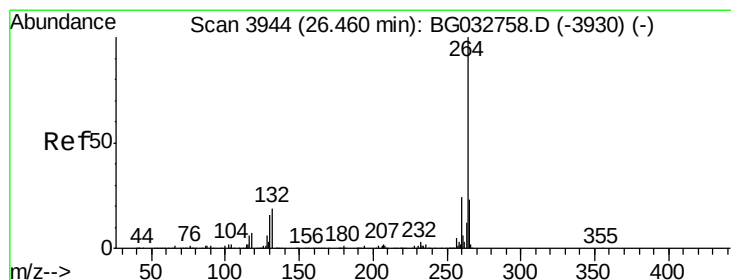
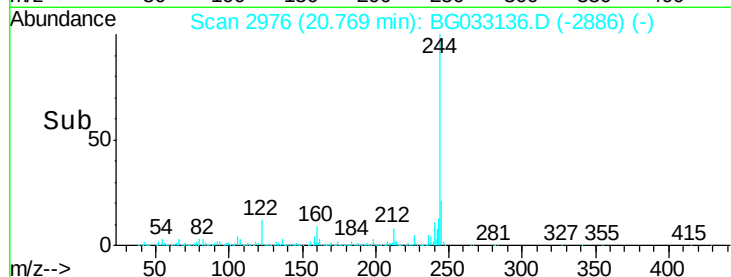
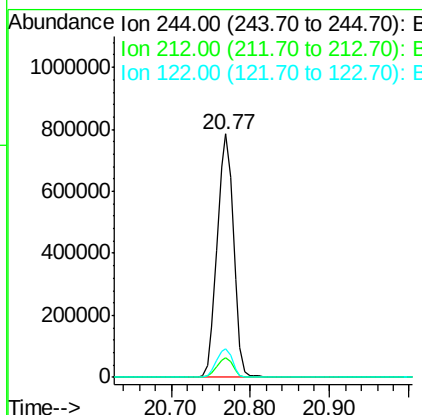
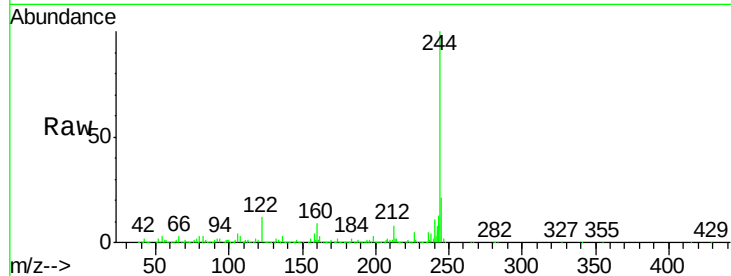
#78
 Terphenyl-d14
 Concen: 109.791 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BG033136.D
 Acq: 14 Mar 2018 4:44

Instrument :
 BNA_G
 ClientSampled :
 RT-4008

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	11.7	7.0	10.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3937
 Delta R.T. 0.01 min
 Lab File: BG033136.D
 Acq: 14 Mar 2018 4:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.6	17.7	26.5

