

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033847.D
 Acq On : 17 Apr 2018 16:35
 Operator : SJ/JU
 Sample : J2369-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4

Manual Integrations
 APPROVED

Sohil
 4/18/2018 3:03:36 PM

Quant Time: Apr 17 18:40:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 18:35:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	29892	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	147285	20.00	ng	0.00
38) Acenaphthene-d10	15.45	164	123838	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	366081	20.00	ng	0.00
75) Chrysene-d12	22.54	240	355883	20.00	ng	0.00
86) Perylene-d12	26.30	264	384033	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.27	112	255018	159.97	ng	0.00
7) Phenol-d6	7.96	99	385310m	140.67	ng	0.00
23) Nitrobenzene-d5	10.04	82	332418m	103.69	ng	0.00
41) 2,4,6-Tribromophenol	16.93	330	303657	163.95	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	853094	99.45	ng	0.00
78) Terphenyl-d14	20.71	244	1676104	100.72	ng	0.00
Target Compounds						
31) Naphthalene	11.76	128	21798m	2.856	ng	Qvalue

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

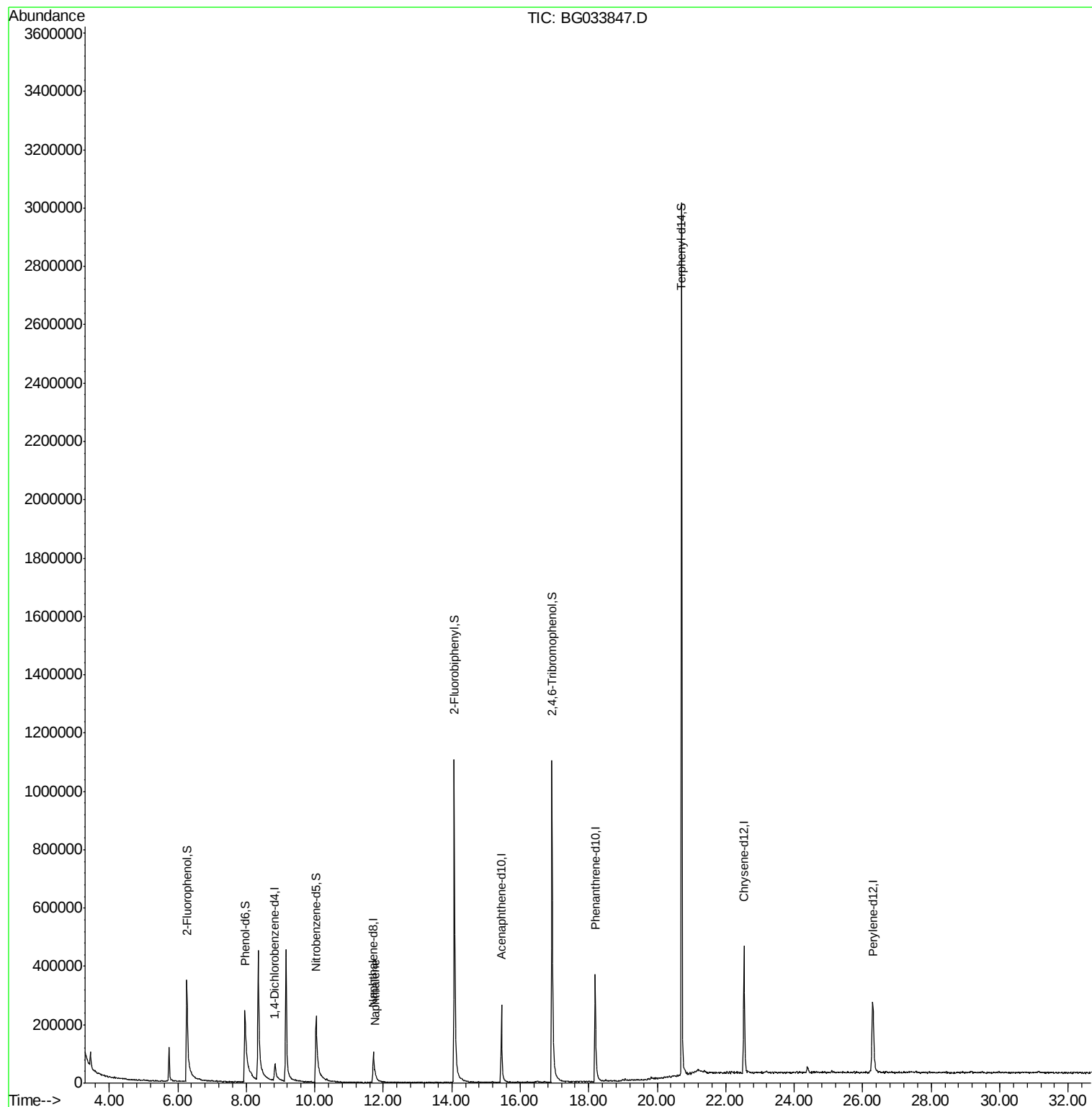
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033847.D
Acq On : 17 Apr 2018 16:35
Operator : SJ/JU
Sample : J2369-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

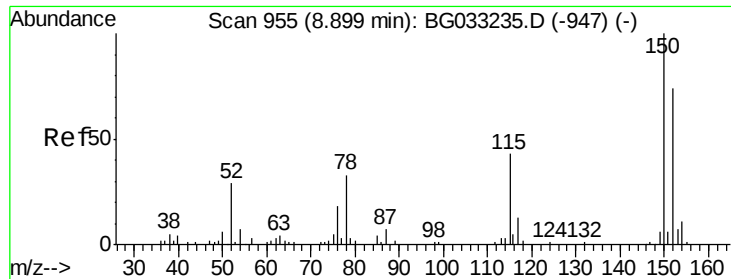
Instrument :
BNA_G
ClientSampleId :
RO-1-4

Manual Integrations
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#1

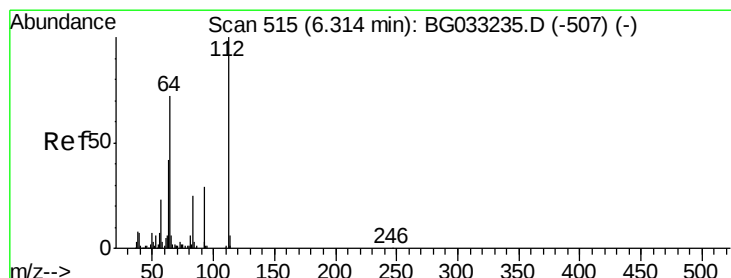
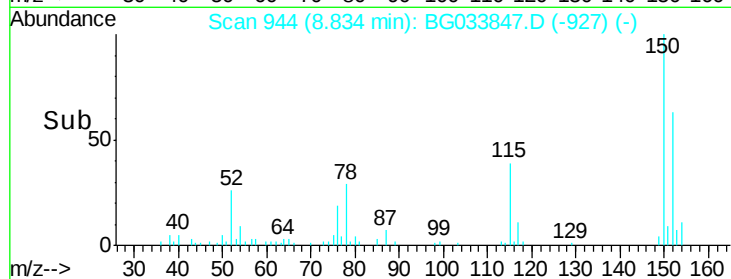
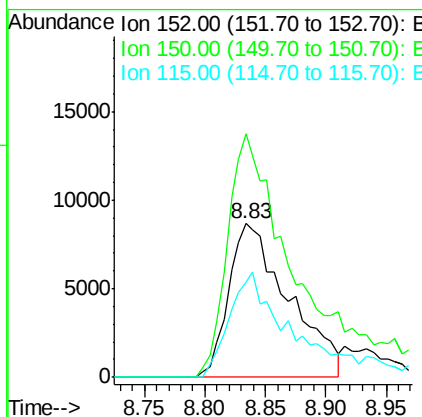
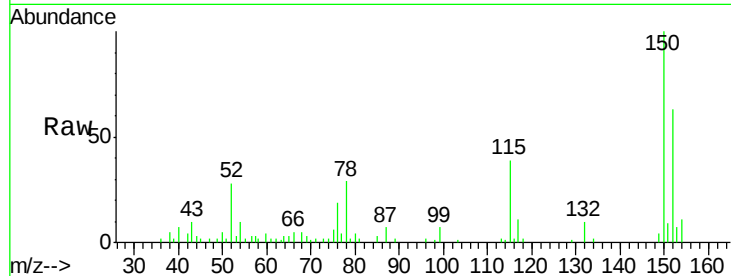
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Instrument :
BNA_G
ClientSampled :
RO-1-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	61.8	53.0	79.4

Manual Integrations
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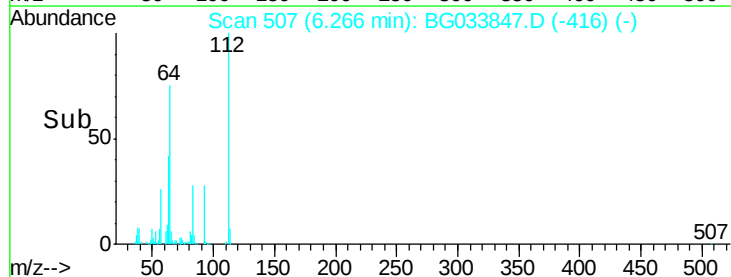
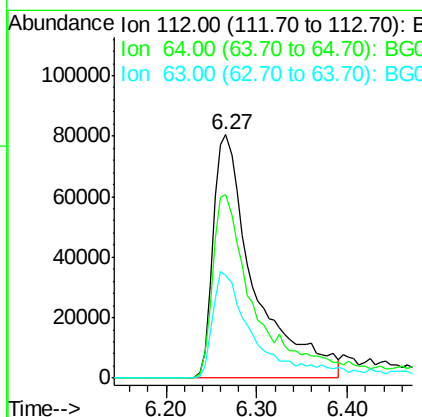
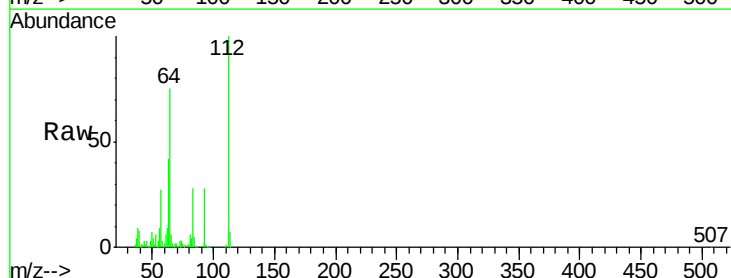
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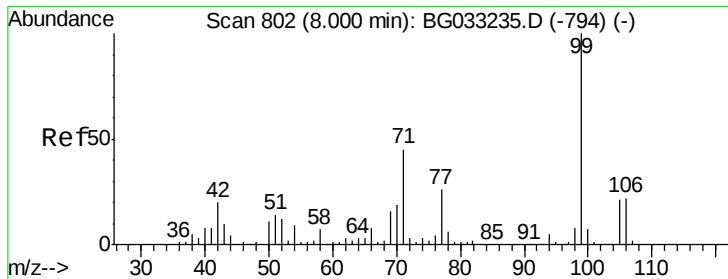


#5

2-Fluorophenol
Concen: 159.972 ng
RT: 6.27 min Scan# 507
Delta R.T. 0.00 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	56.3	84.5
63	42.0	30.1	45.1





#7

Phenol-d6

Concen: 140.673 ng/mL

RT: 7.96 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033847.D

Acq: 17 Apr 2018 16:35

Instrument :

BNA_G

ClientSampled :

RO-1-4

Tot Ion: 99 Resp: 385310

Ion Ratio Lower Upper

99 100

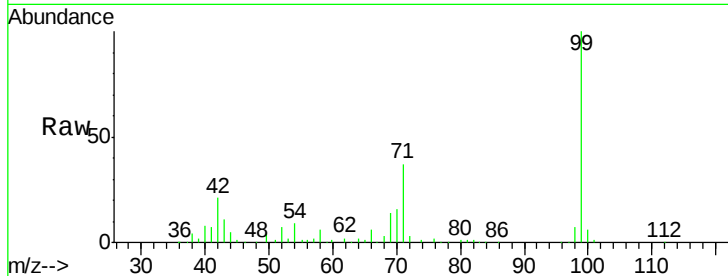
42 20.6 14.1 21.1

71 36.9 26.1 39.1

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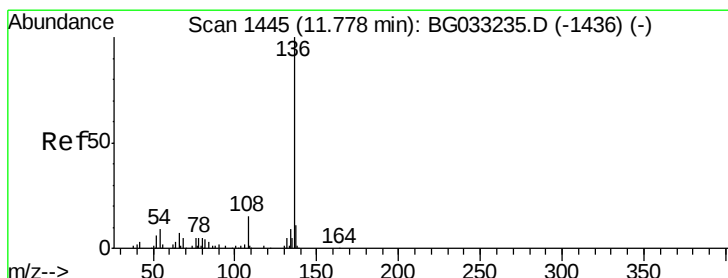
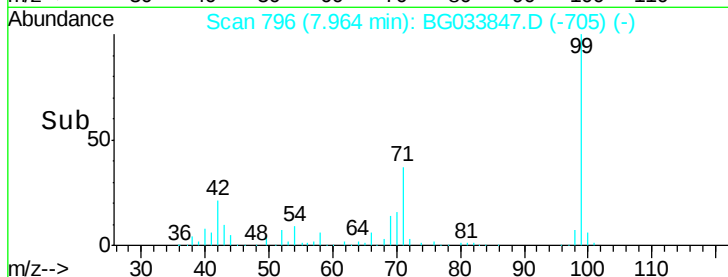
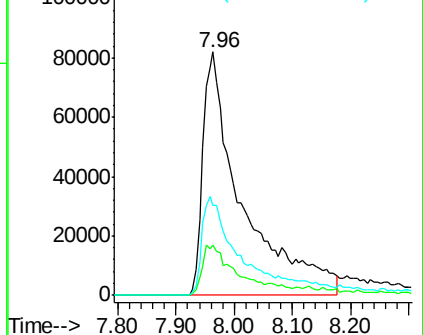
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Abundance Ion 99.00 (98.70 to 99.70): BGC

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/mL

RT: 11.71 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BG033847.D

Acq: 17 Apr 2018 16:35

Tgt Ion: 136 Resp: 147285

Ion Ratio Lower Upper

136 100

137 9.8 9.2 13.8

54 10.2 10.3 15.5#

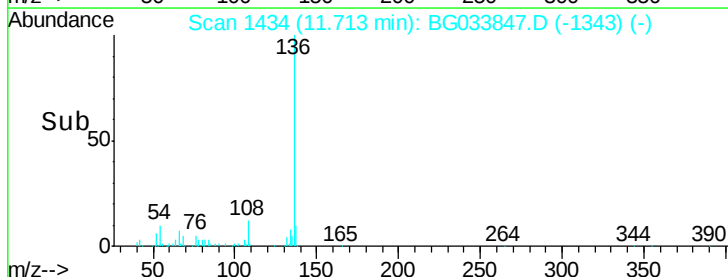
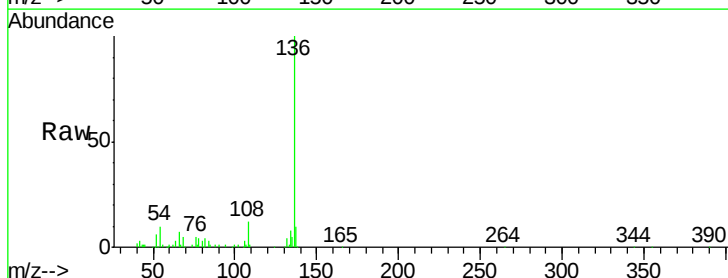
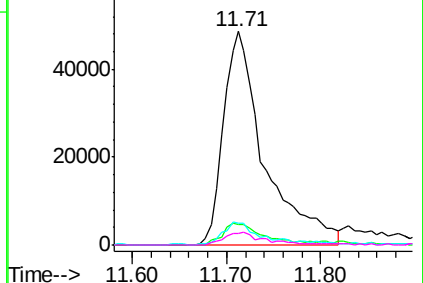
68 5.4 4.5 6.7

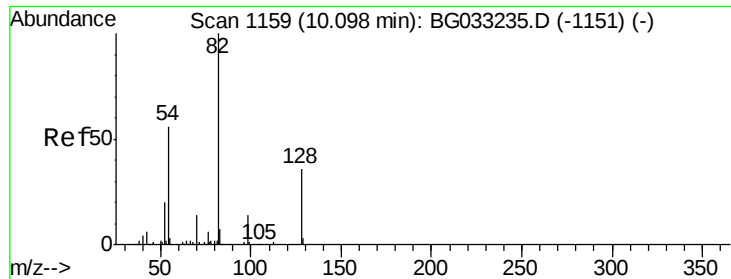
Abundance Ion 136.00 (135.70 to 136.70): BGC

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





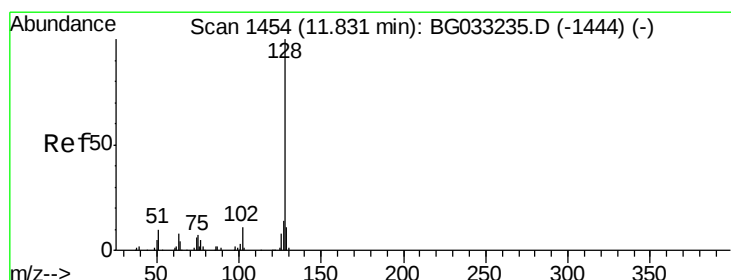
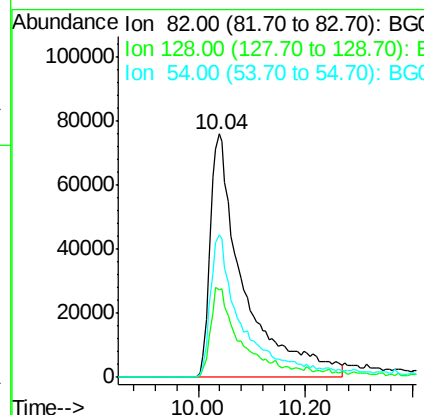
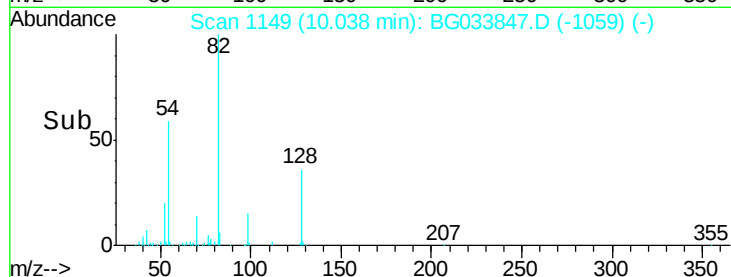
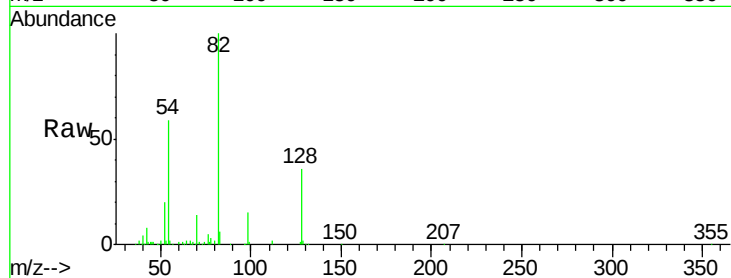
#23
Nitrobenzene-d5
Concen: 103.694 ng m
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Instrument :
BNA_G
ClientSampled :
RO-1-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	58.5	43.1	64.7

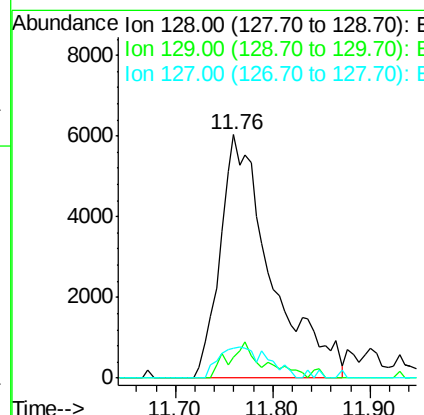
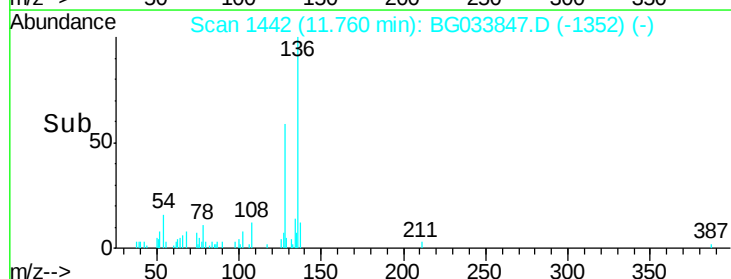
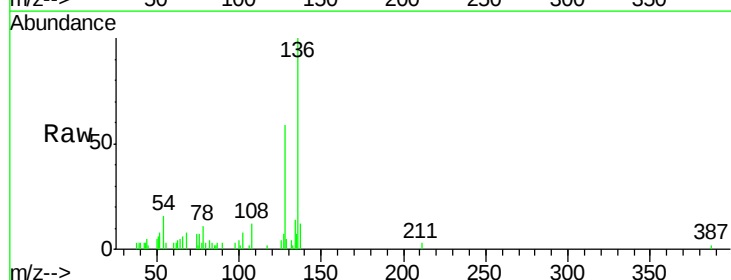
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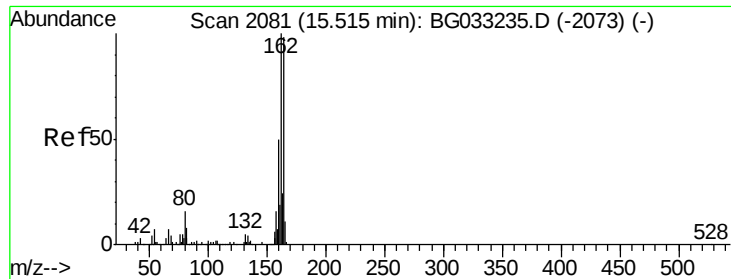
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#31
Naphthalene
Concen: 2.856 ng m
RT: 11.76 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.6	12.8
127	12.3	11.6	17.4





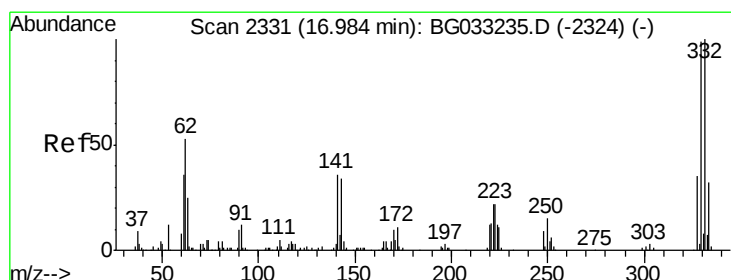
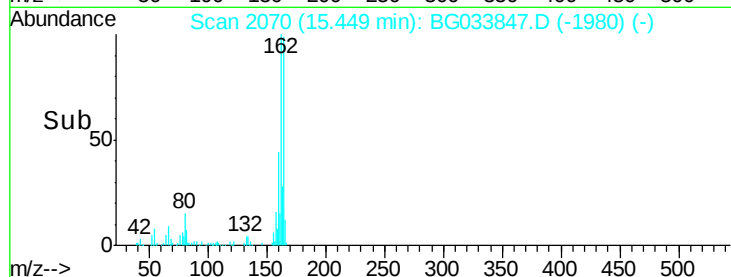
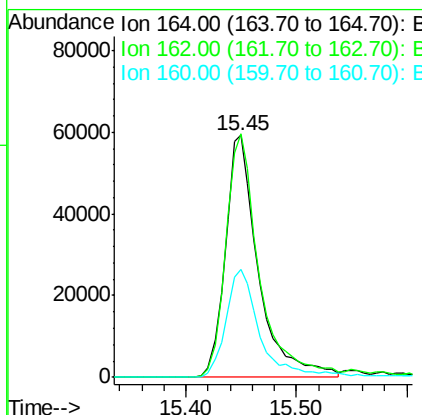
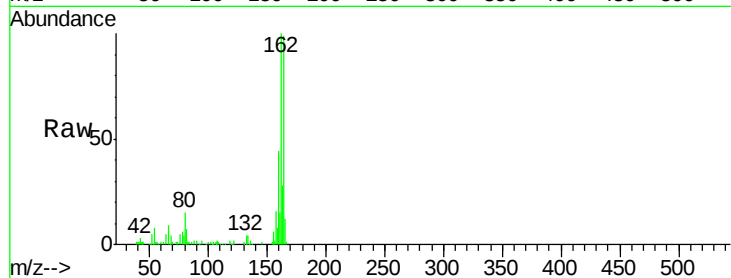
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Instrument :
BNA_G
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	44.5	35.4	53.0

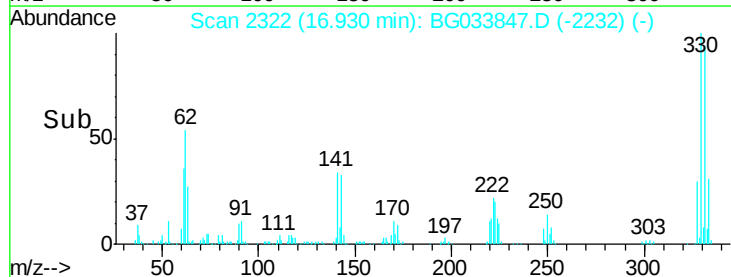
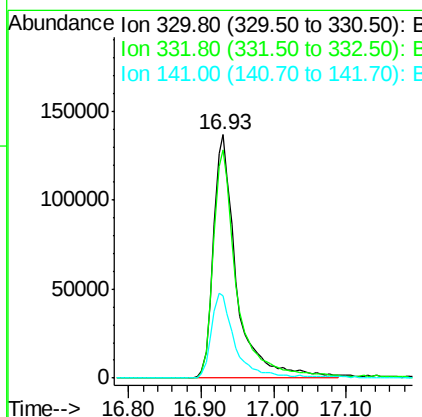
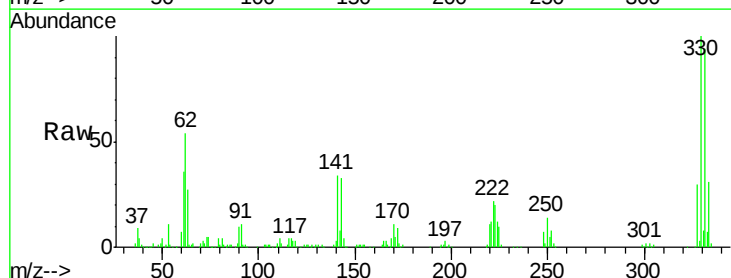
Manual Integrations
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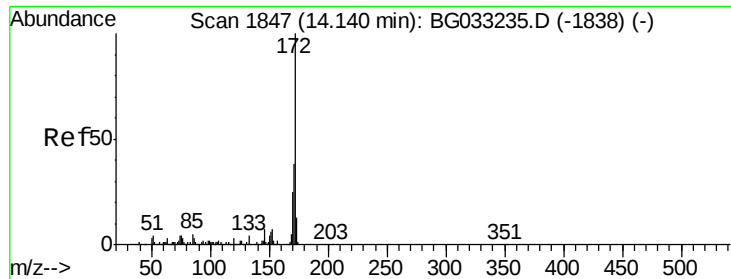
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#41
2,4,6-Tribromophenol
Concen: 163.949 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.0	25.2	37.8





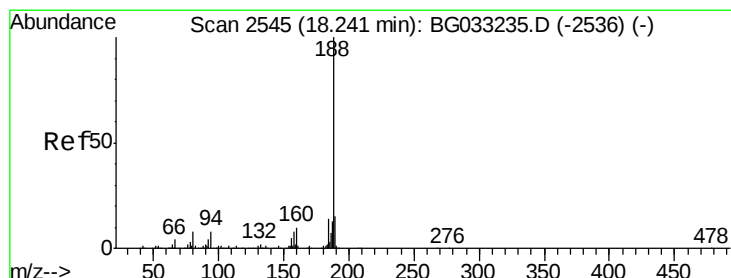
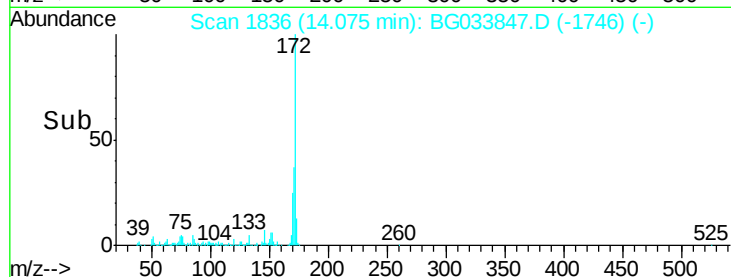
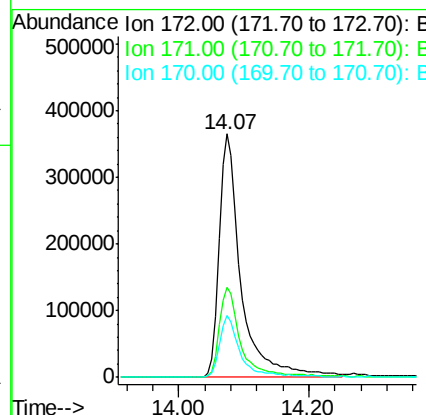
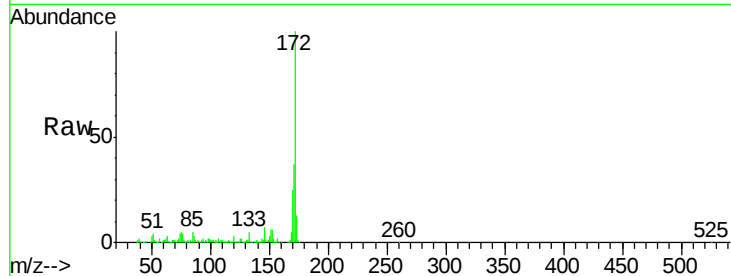
#44
 2-Fluorobiphenyl
 Concen: 99.449 ng
 RT: 14.07 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG033847.D
 Acq: 17 Apr 2018 16:35

Instrument :
 BNA_G
 ClientSampled :
 RO-1-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	25.5	19.5	29.3

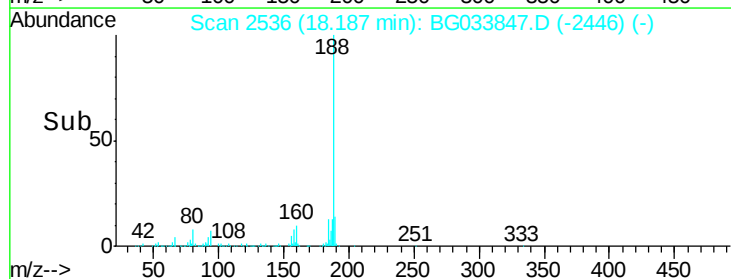
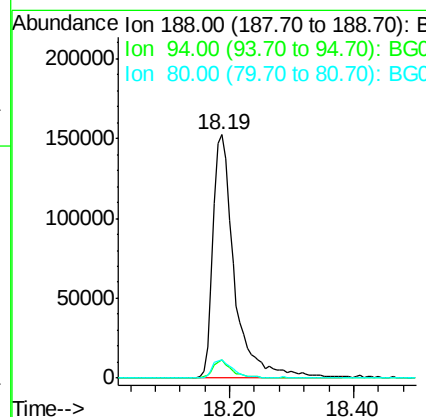
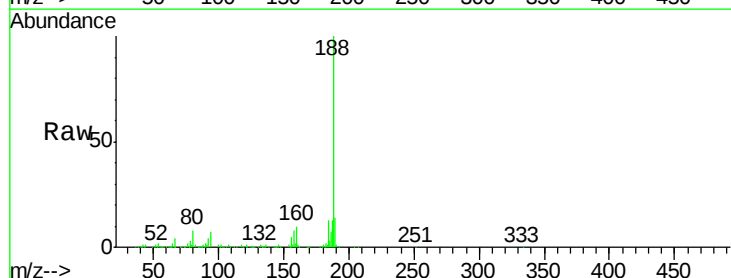
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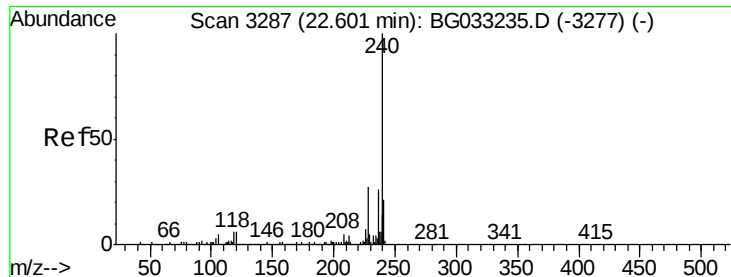
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. -0.00 min
 Lab File: BG033847.D
 Acq: 17 Apr 2018 16:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	7.7	7.7	11.5





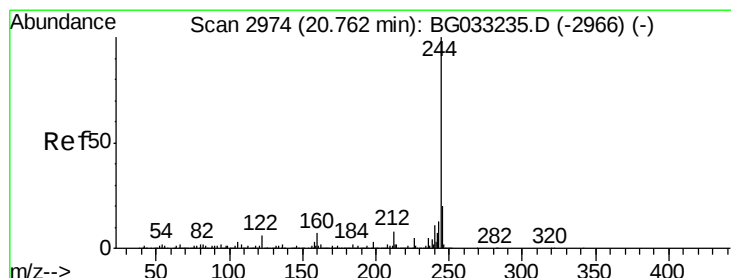
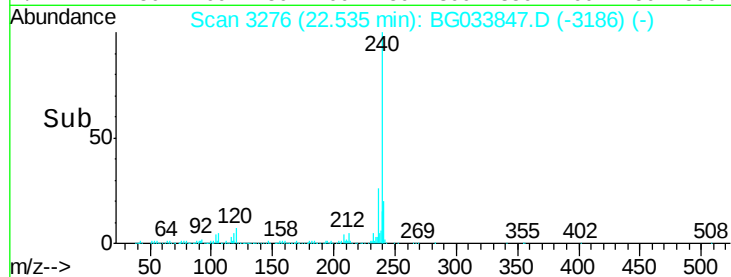
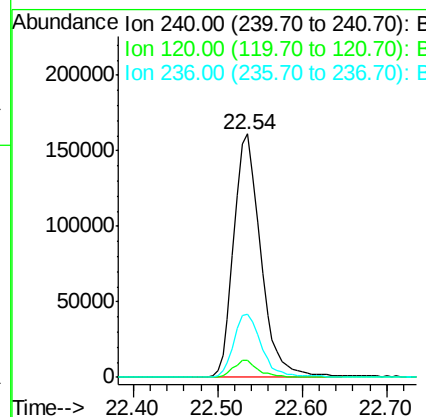
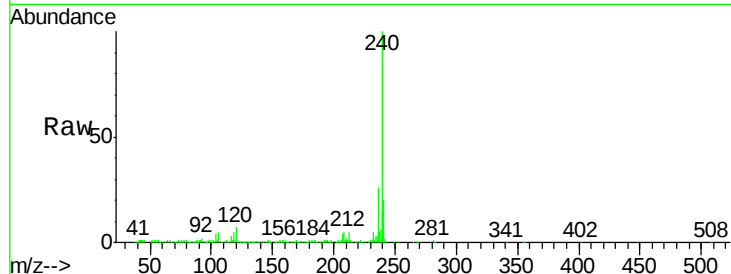
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Instrument :
BNA_G
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	26.0	20.9	31.3

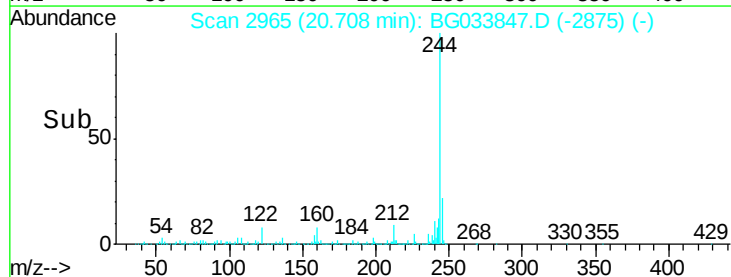
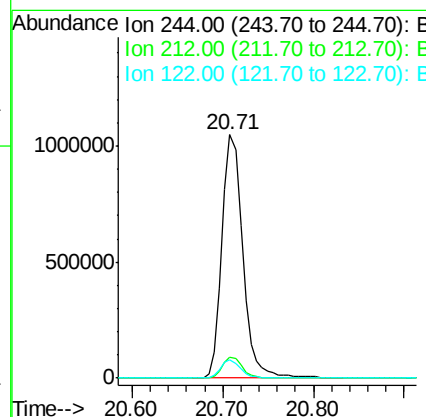
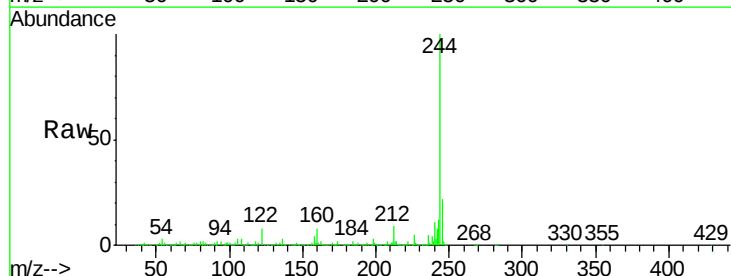
Manual Integrations
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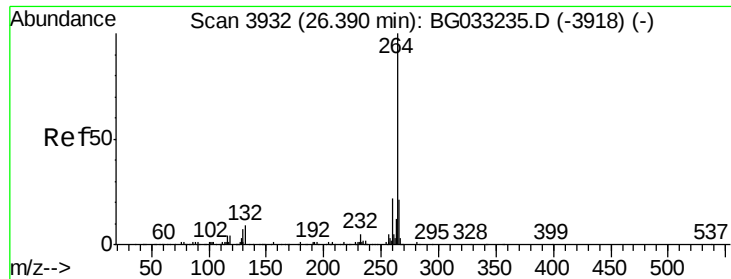
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#78
Terphenyl-d14
Concen: 100.722 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.6	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BG033847.D
Acq: 17 Apr 2018 16:35

Instrument :
BNA_G
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.4	17.7	26.5

Manual Integrations
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4/18/2018 3:03:36 PM

