

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033851.D
 Acq On : 17 Apr 2018 19:06
 Operator : SJ/JU
 Sample : J2370-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-RO-7211981

Manual Integrations
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Quant Time: Apr 18 04:16:55 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	28468	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	141314	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	117066	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	355501	20.00	ng	0.00
75) Chrysene-d12	22.52	240	344248	20.00	ng	-0.02
86) Perylene-d12	26.26	264	378867	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	268885	177.11	ng	0.00
7) Phenol-d6	7.96	99	378928m	145.26	ng	0.00
23) Nitrobenzene-d5	10.03	82	320758m	104.28	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	296640	169.43	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	804972	99.27	ng	0.00
78) Terphenyl-d14	20.70	244	1678408	104.27	ng	0.00
Target Compounds						
31) Naphthalene	11.76	128	53704	7.334	ng	Qvalue # 92

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

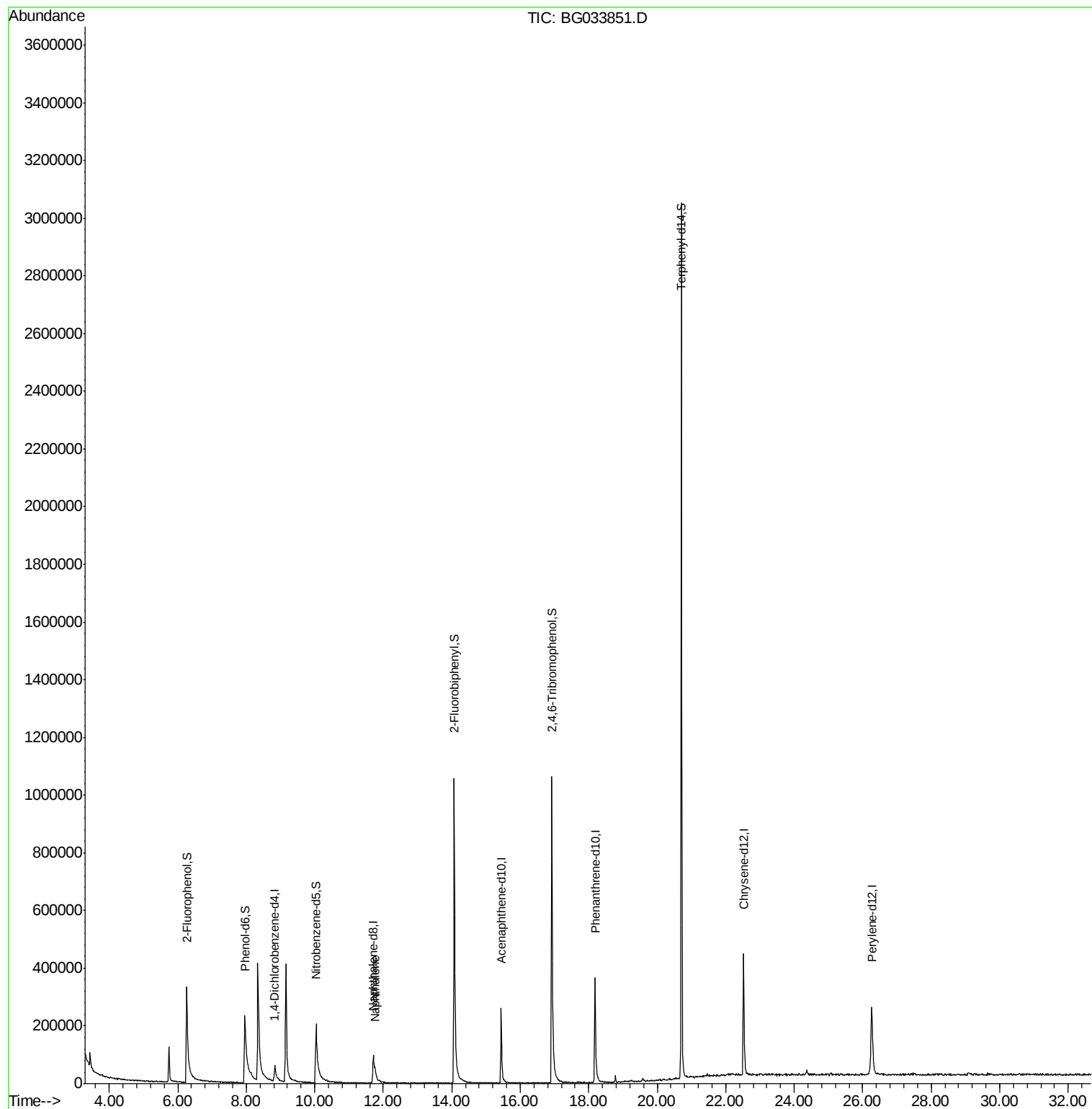
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
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#1

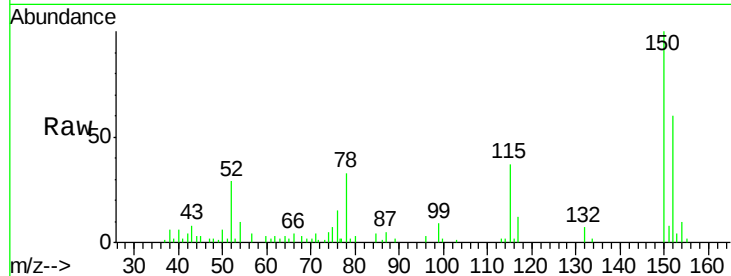
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Instrument :
BNA_G
ClientSampleId :
CG-RO-7211981

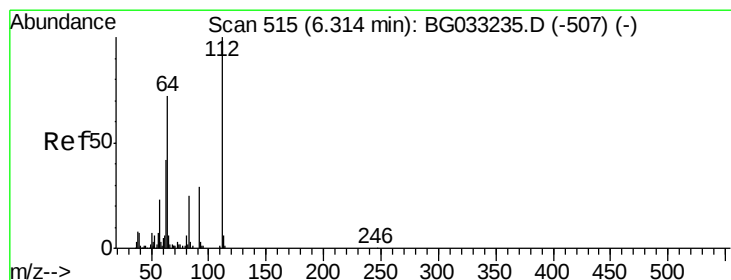
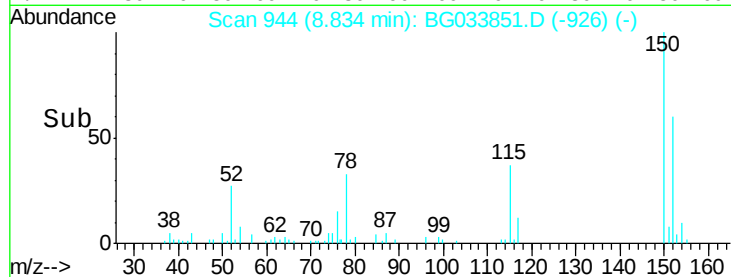
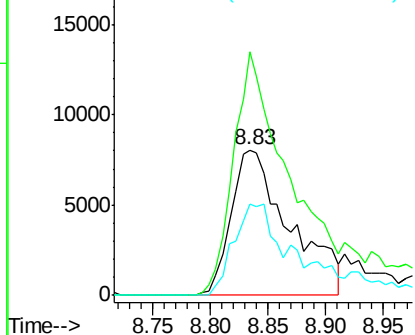
Tot Ion	Ratio	Lower	Upper
152	100		
150	167.6	126.6	189.8
115	62.6	53.0	79.4

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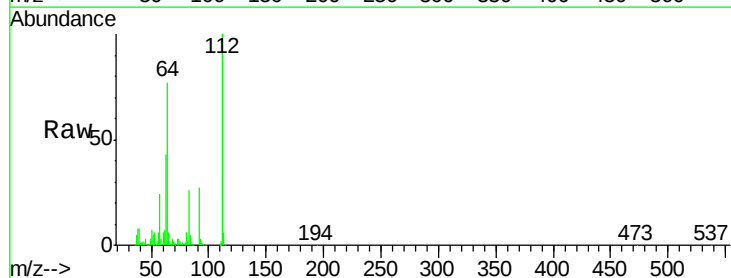
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



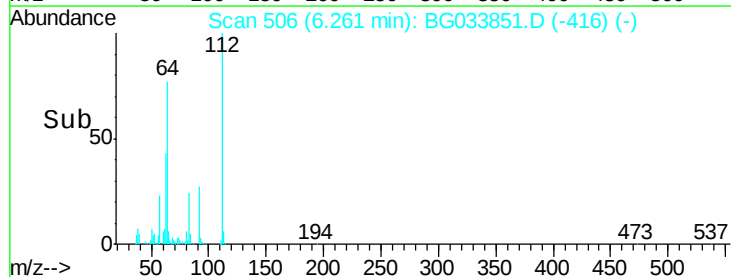
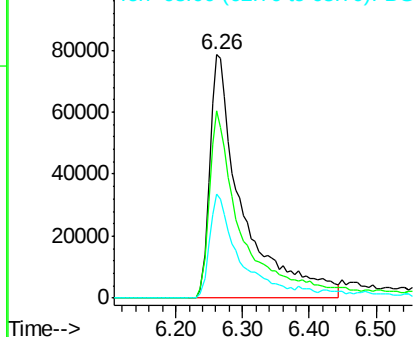
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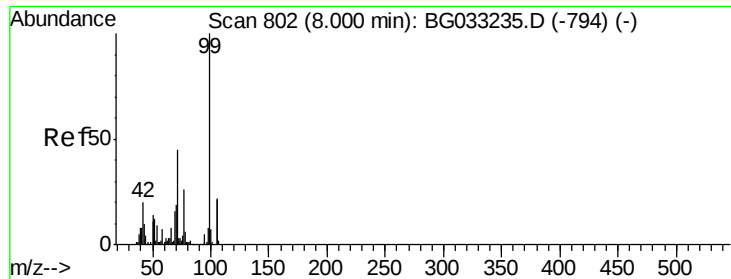
2-Fluorophenol
Concen: 177.108 ng
RT: 6.26 min Scan# 506
Delta R.T. -0.00 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.9	56.3	84.5
63	42.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 145.263 ng/mL

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033851.D

Acq: 17 Apr 2018 19:06

Instrument :

BNA_G

ClientSampleId :

CG-RO-7211981

Tot Ion: 99 Resp: 378928

Ion Ratio Lower Upper

99 100

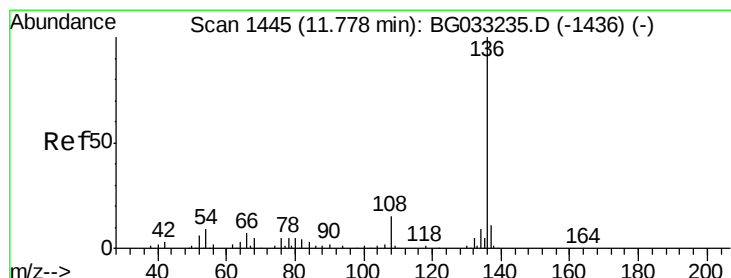
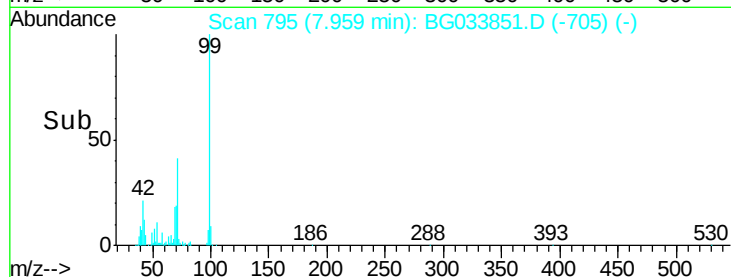
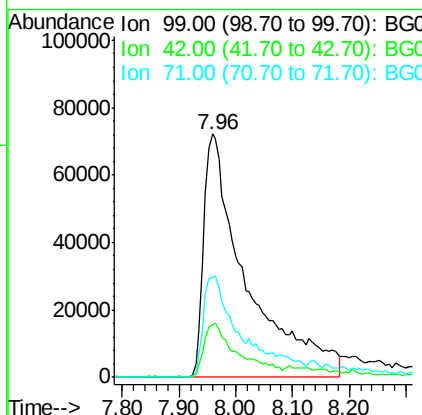
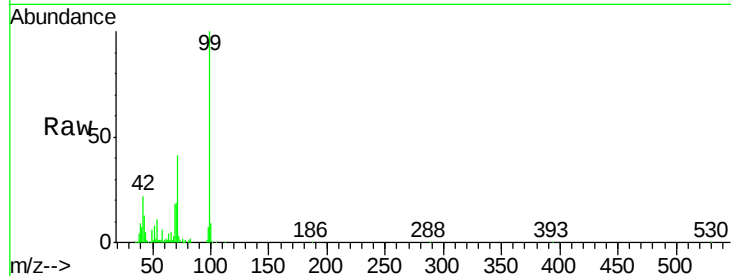
42 21.9 14.1 21.1#

71 41.1 26.1 39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.71 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BG033851.D

Acq: 17 Apr 2018 19:06

Tgt Ion: 136 Resp: 141314

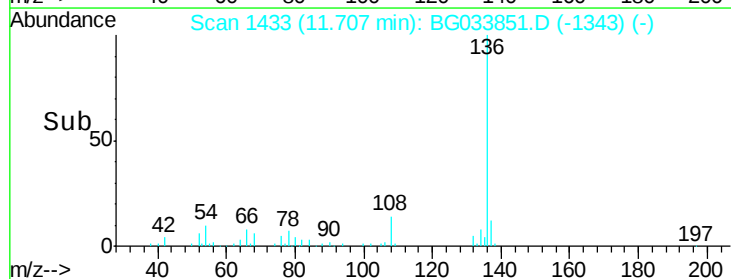
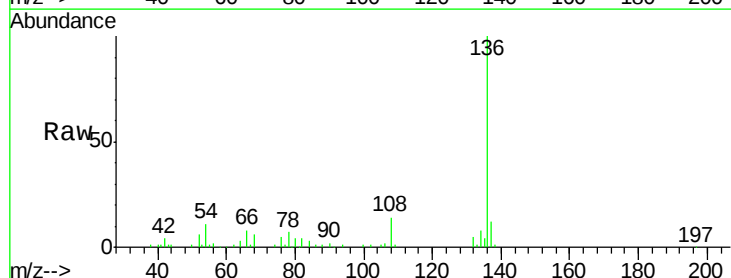
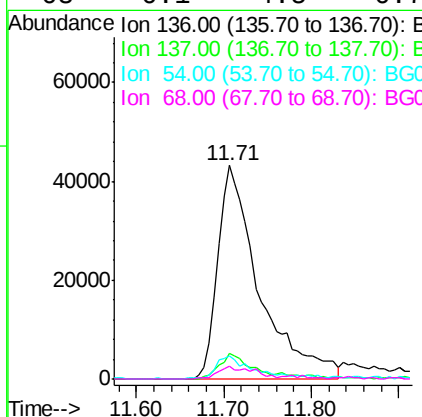
Ion Ratio Lower Upper

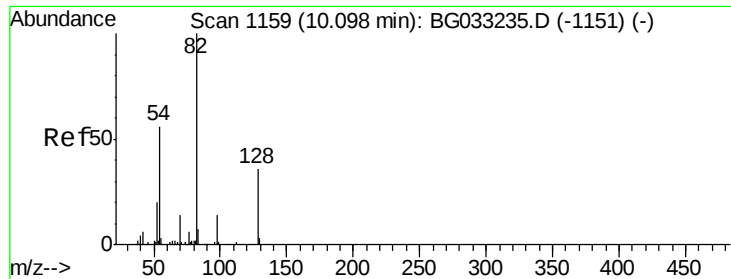
136 100

137 11.8 9.2 13.8

54 10.6 10.3 15.5

68 6.1 4.5 6.7





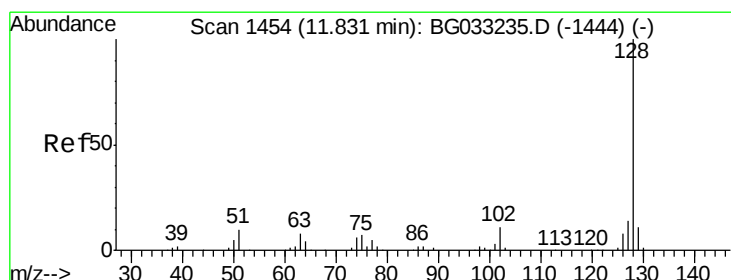
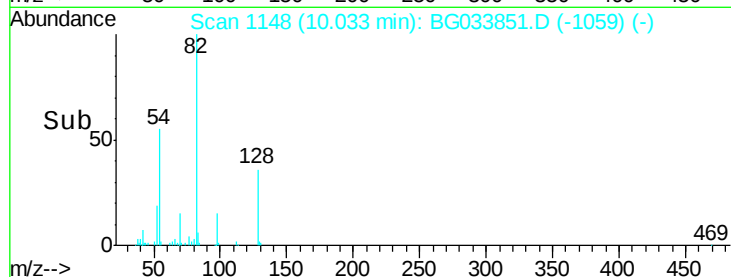
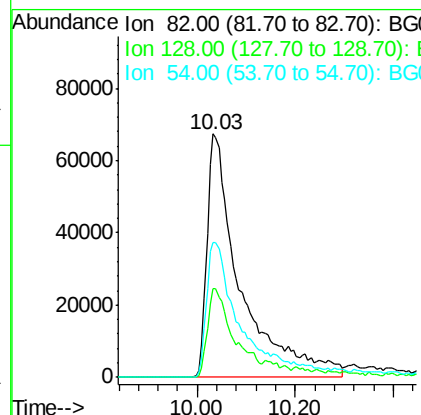
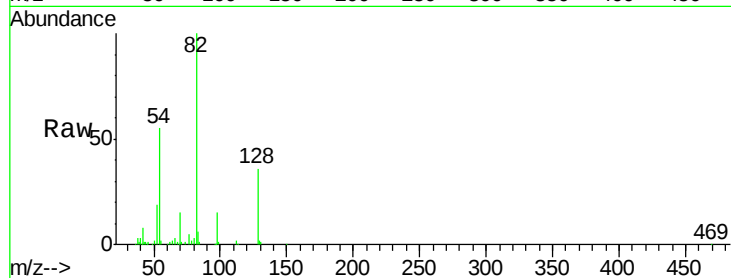
#23
Nitrobenzene-d5
Concen: 104.285 ng/ml
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Instrument :
BNA_G
ClientSampleId :
CG-RO-7211981

Tot Ion	82	Resp	320758
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	55.3	43.1	64.7

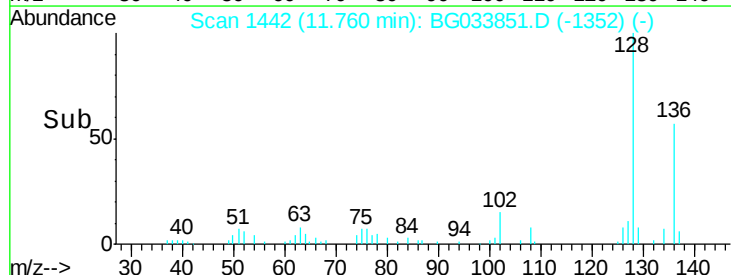
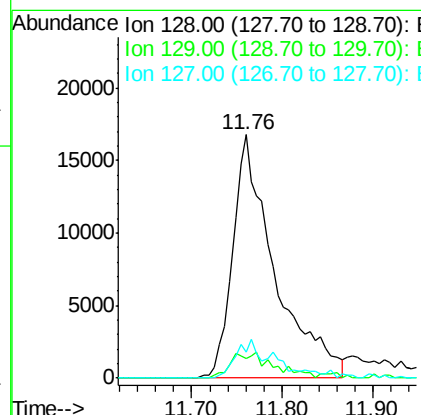
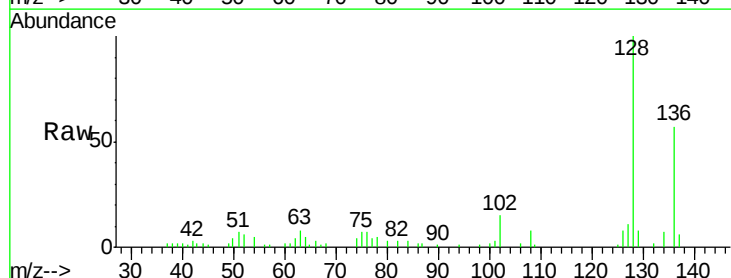
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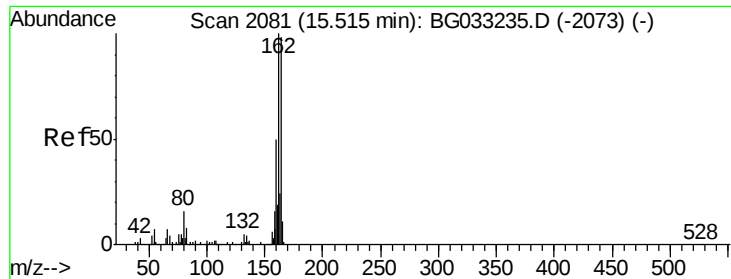
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#31
Naphthalene
Concen: 7.334 ng
RT: 11.76 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion	128	Resp	53704
Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.6	12.8#
127	10.9	11.6	17.4#





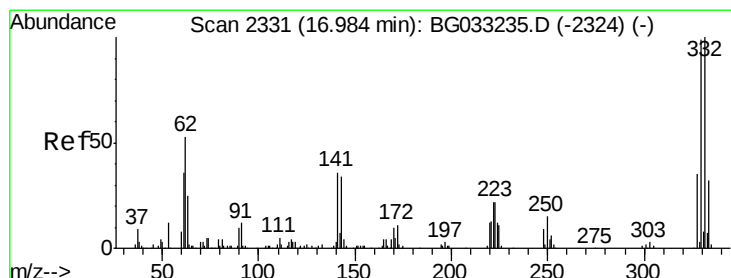
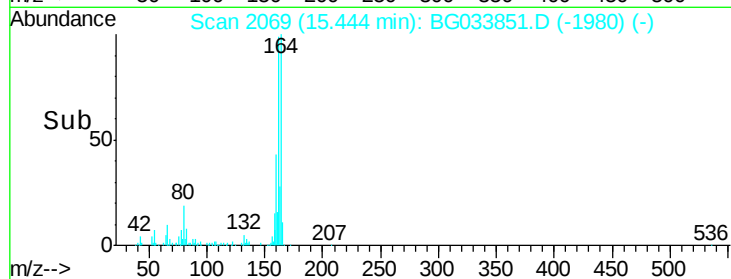
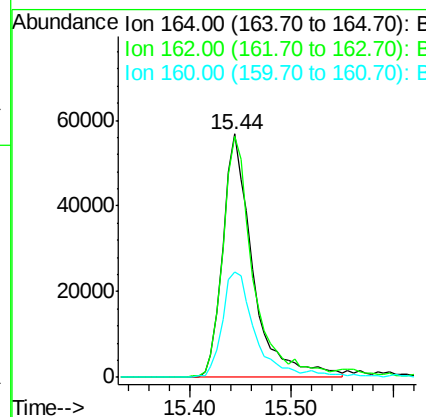
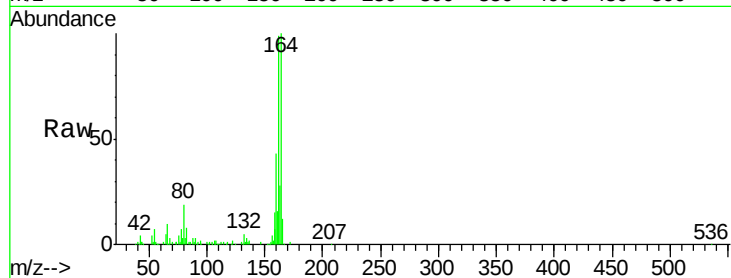
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Instrument :
BNA_G
ClientSampleId :
CG-RO-7211981

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	43.5	35.4	53.0

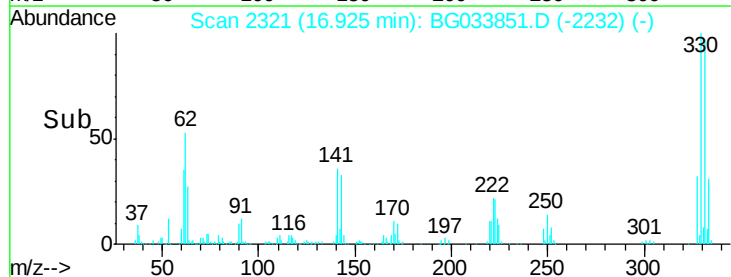
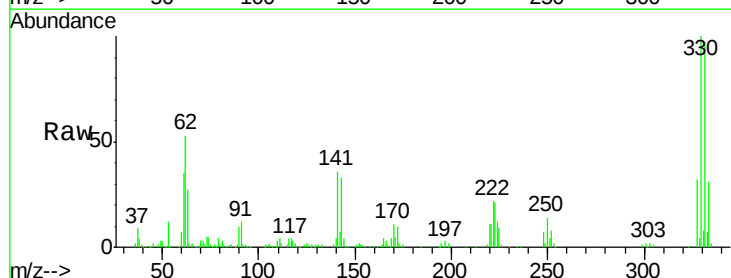
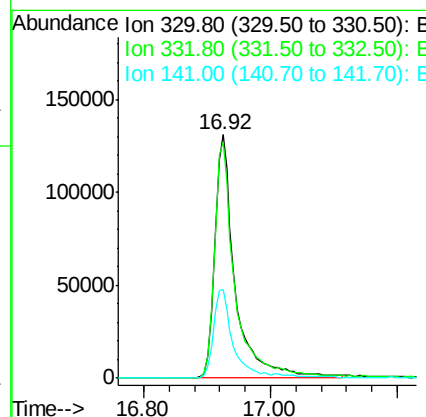
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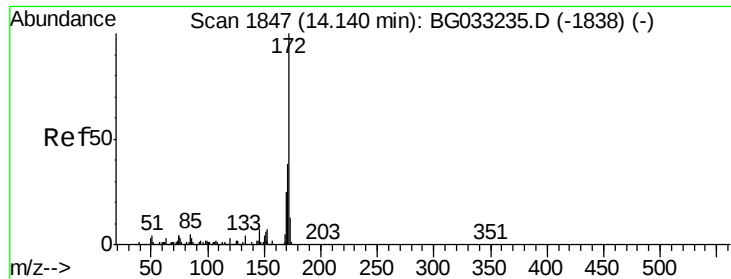
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#41
2,4,6-Tribromophenol
Concen: 169.425 ng
RT: 16.92 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	34.2	25.2	37.8





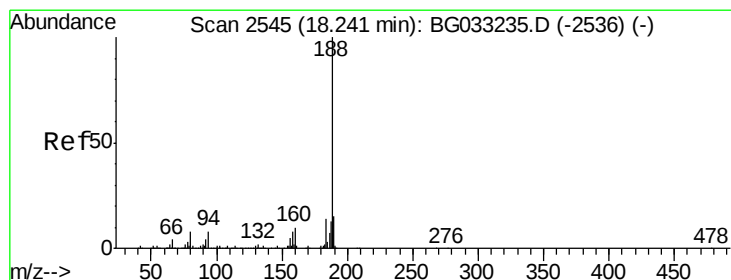
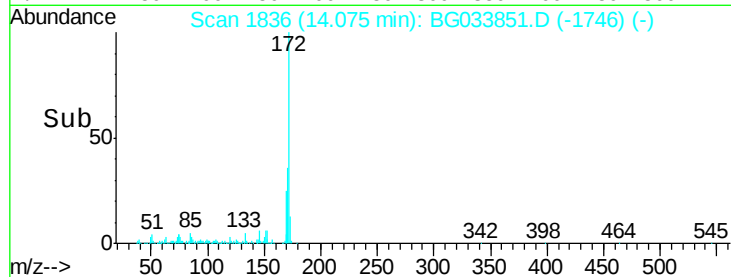
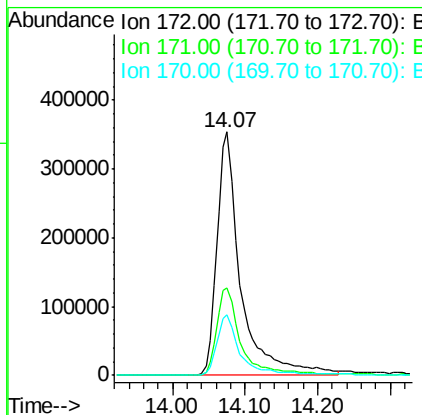
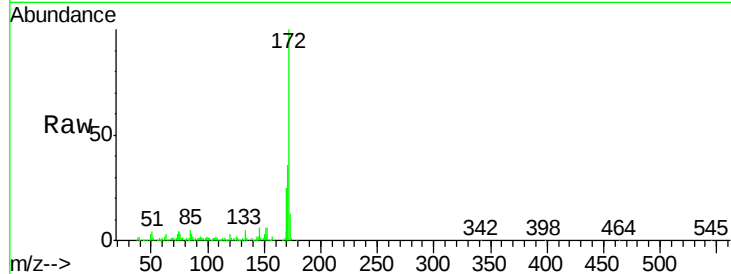
#44
 2-Fluorobiphenyl
 Concen: 99.268 ng
 RT: 14.07 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG033851.D
 Acq: 17 Apr 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 CG-RO-7211981

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	24.9	19.5	29.3

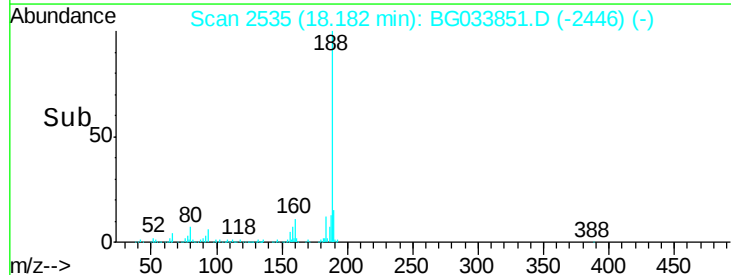
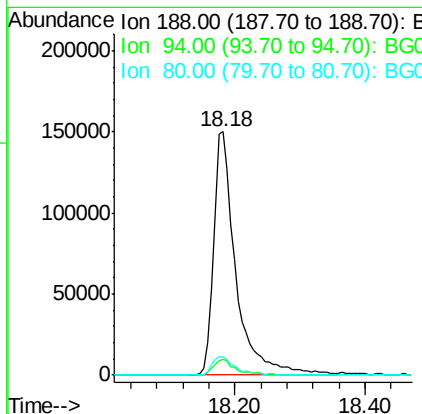
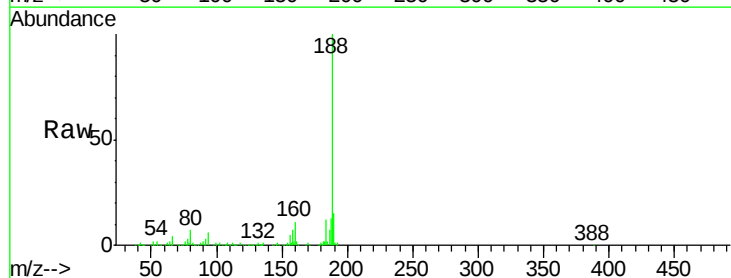
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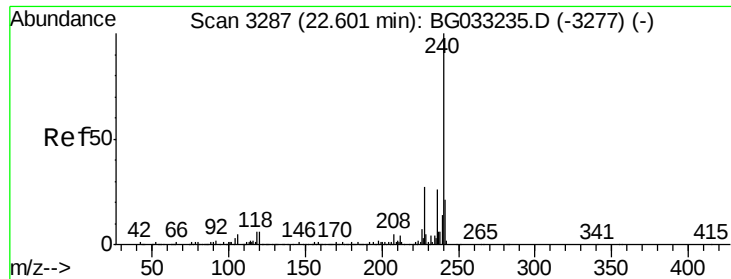
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BG033851.D
 Acq: 17 Apr 2018 19:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.5	7.7	11.5#





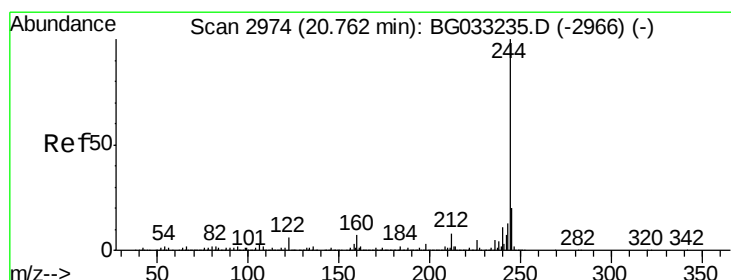
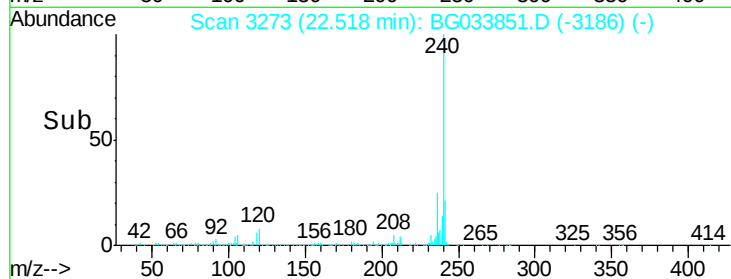
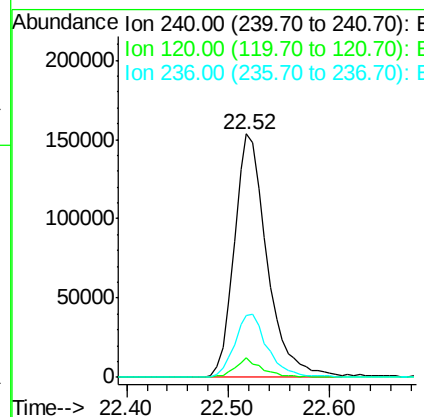
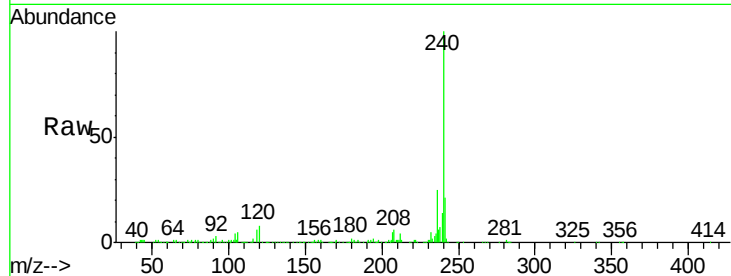
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3273
Delta R.T. -0.02 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Instrument :
BNA_G
ClientSampleId :
CG-RO-7211981

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	25.2	20.9	31.3

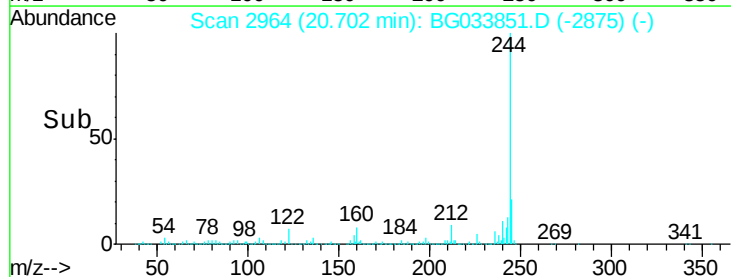
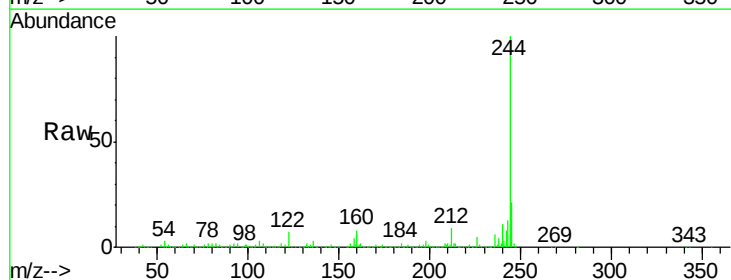
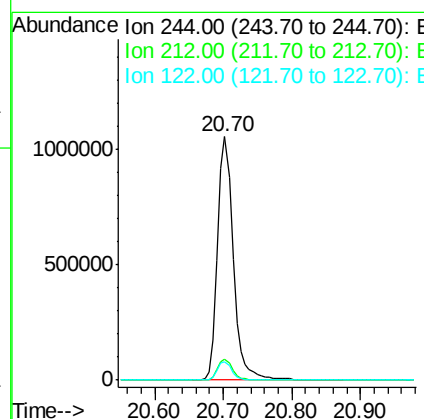
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#78
Terphenyl-d14
Concen: 104.269 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.4	7.0	10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.05 min
 Lab File: BG033851.D
 Acq: 17 Apr 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 CG-RO-7211981

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.9	17.7	26.5

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