

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033717.D
 Acq On : 10 Apr 2018 17:24
 Operator : SJ/JU
 Sample : J2157-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-040618-D

Manual Integrations
 APPROVED

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 4/11/2018 5:18:27 PM

Quant Time: Apr 10 18:35:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33091	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	141056	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	99629	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	282584	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329560	20.00	ng	0.00
86) Perylene-d12	26.31	264	358576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	295358	167.37	ng	0.00
7) Phenol-d6	7.97	99	381467	125.81	ng	0.00
23) Nitrobenzene-d5	10.06	82	311680	101.52	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	230604	154.76	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	684317	99.16	ng	0.00
78) Terphenyl-d14	20.73	244	1599426	103.79	ng	0.00
Target Compounds						
31) Naphthalene	11.79	128	17418m	2.383	ng	Qvalue

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

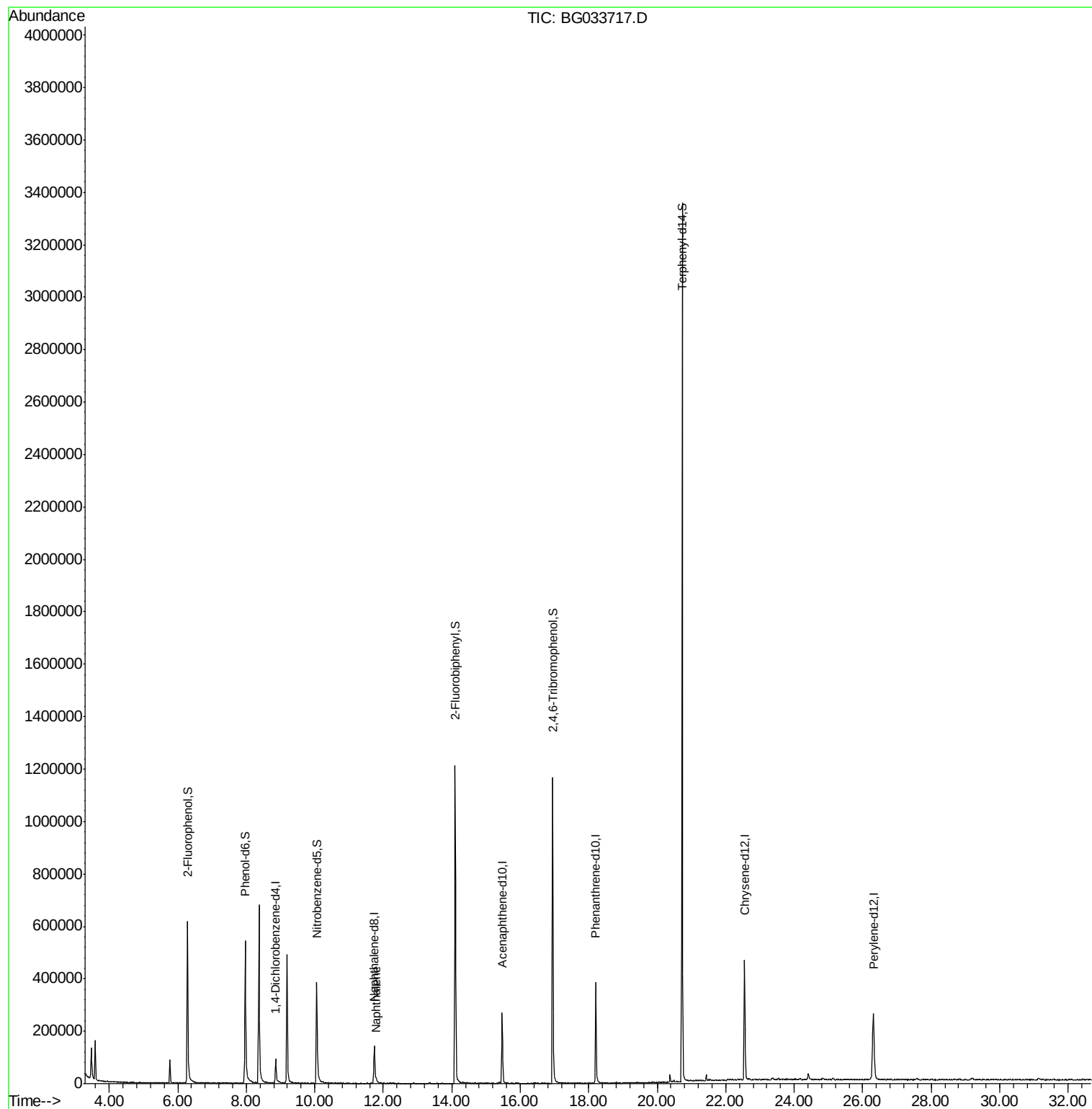
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033717.D
Acq On : 10 Apr 2018 17:24
Operator : SJ/JU
Sample : J2157-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

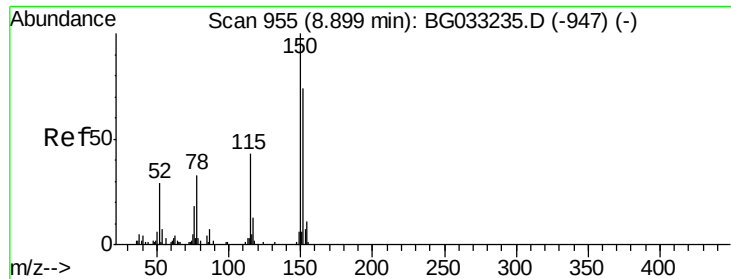
Instrument :
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ClientSampleId :
CL-01-040618-D

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Response via : Initial Calibration





#1

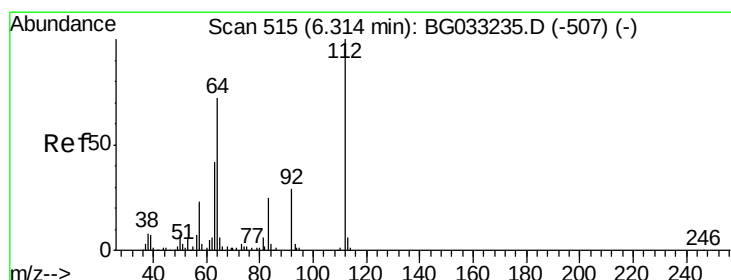
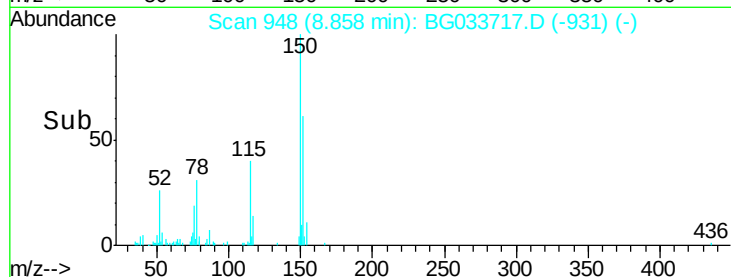
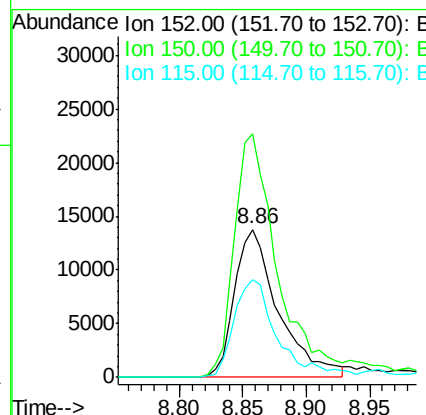
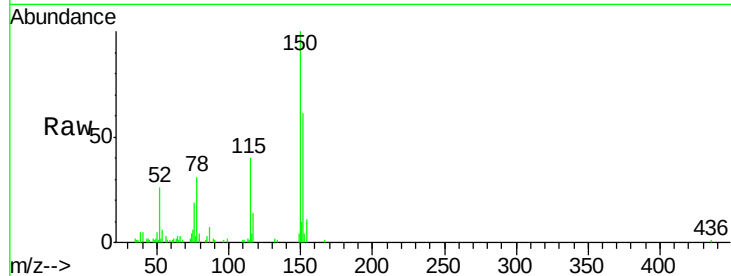
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	126.6	189.8
115	65.8	53.0	79.4

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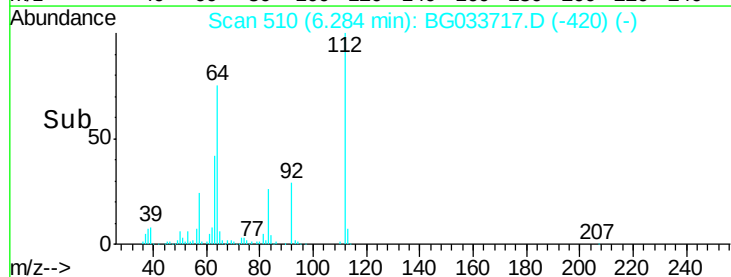
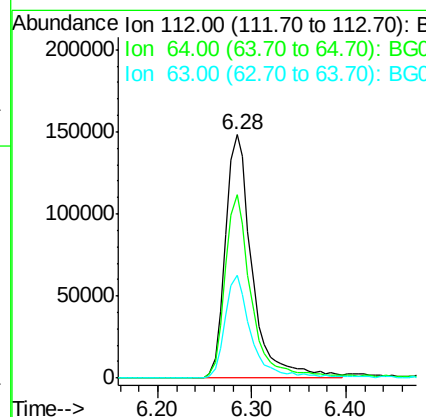
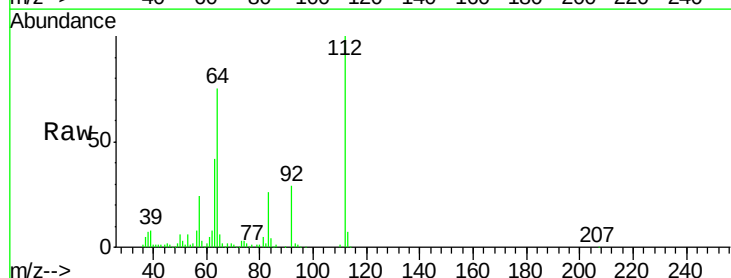
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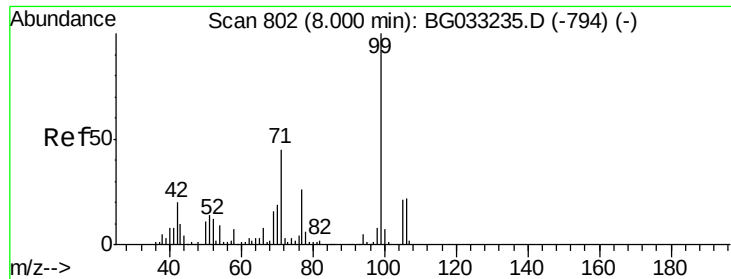


#5

2-Fluorophenol
Concen: 167.366 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	56.3	84.5
63	42.3	30.1	45.1





#7

Phenol-d6

Concen: 125.806 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

CL-01-040618-D

Tot Ion: 99 Resp: 381467

Ion Ratio Lower Upper

99 100

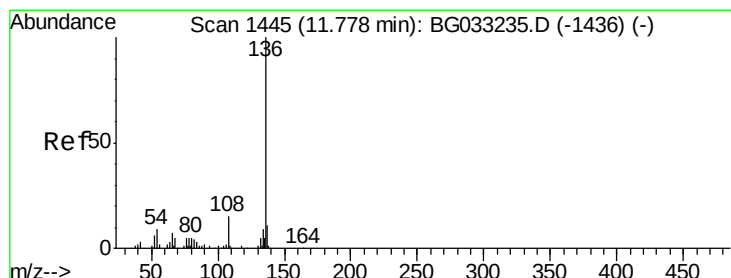
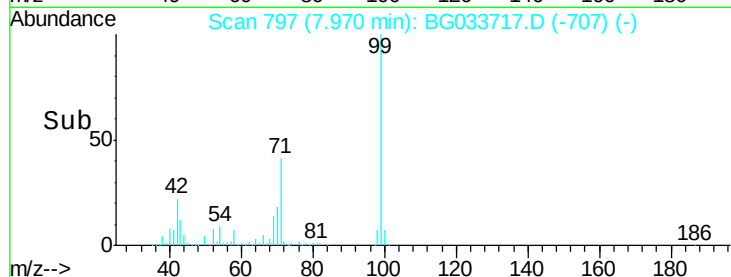
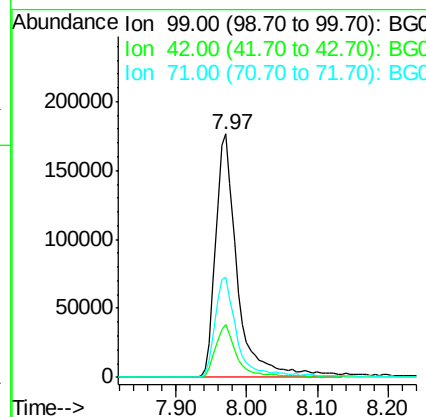
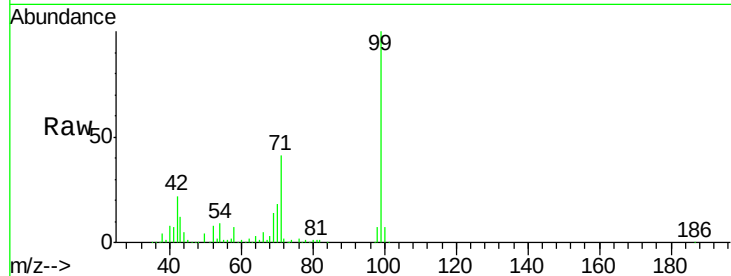
42 21.9 14.1 21.1#

71 41.2 26.1 39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

Tgt Ion: 136 Resp: 141056

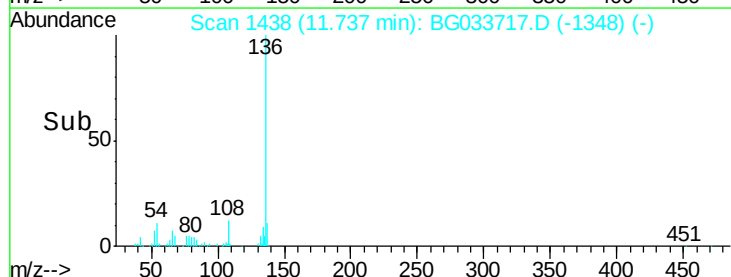
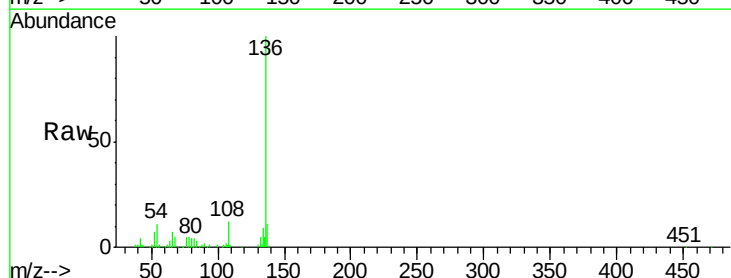
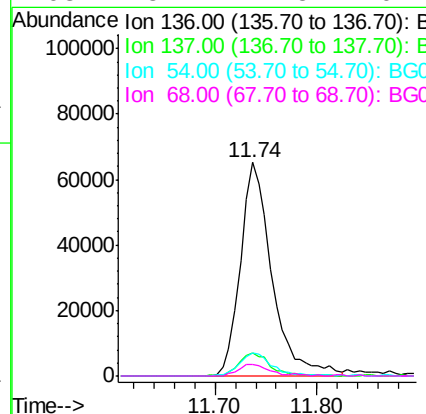
Ion Ratio Lower Upper

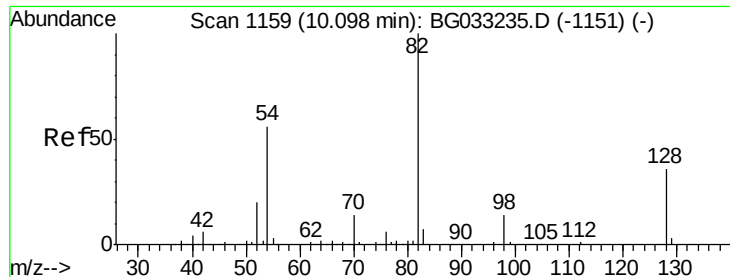
136 100

137 10.8 9.2 13.8

54 10.8 10.3 15.5

68 5.2 4.5 6.7





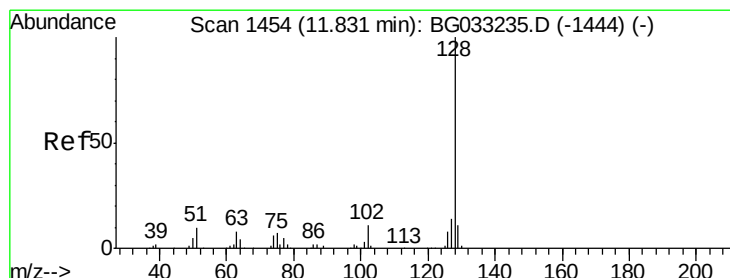
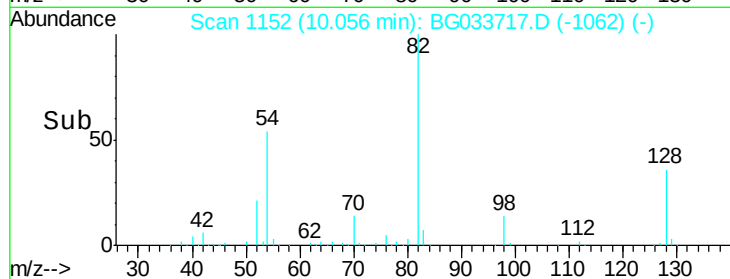
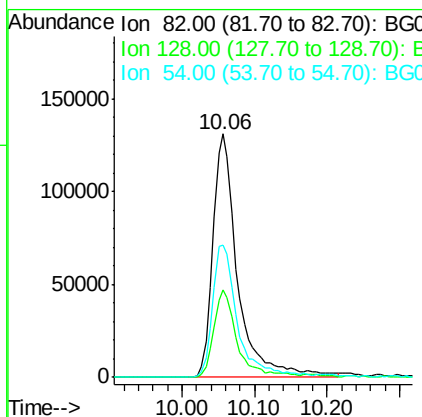
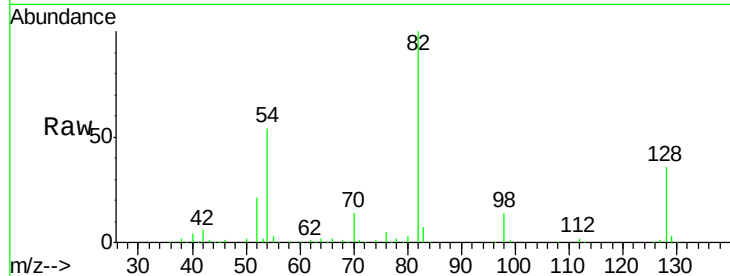
#23
Nitrobenzene-d5
Concen: 101.519 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-D

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.8	29.7	44.5	
54	54.3	43.1	64.7	

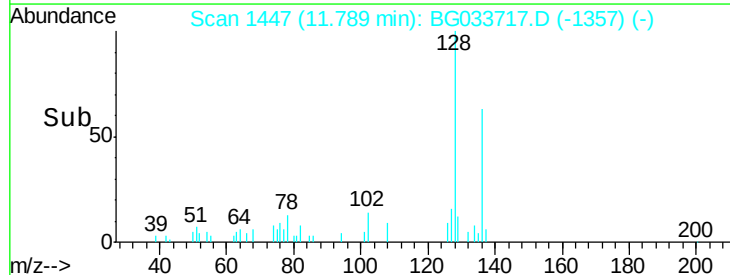
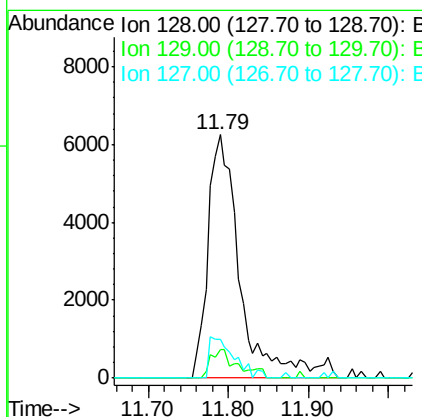
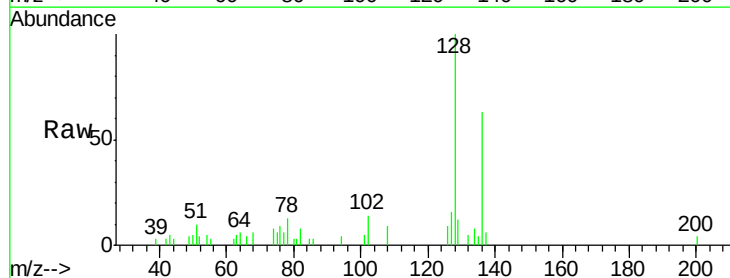
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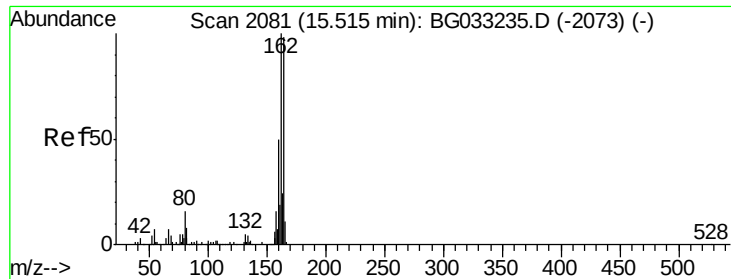
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#31
Naphthalene
Concen: 2.383 ng m
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.0	8.6	12.8	
127	15.8	11.6	17.4	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

CL-01-040618-D

Tot Ion:164 Resp: 99629

Ion Ratio Lower Upper

164 100

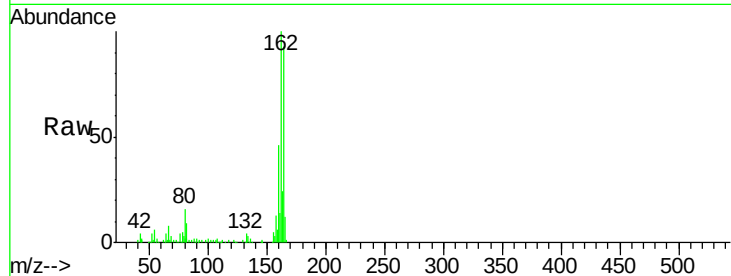
162 107.0 78.8 118.2

160 48.7 35.4 53.0

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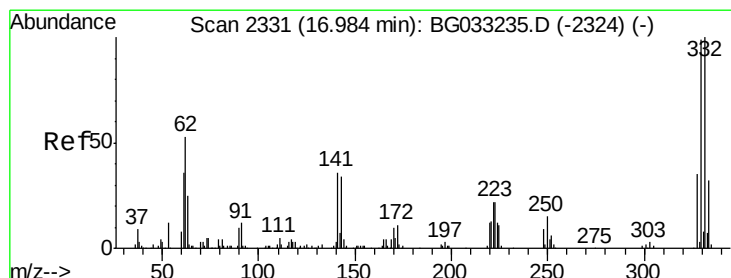
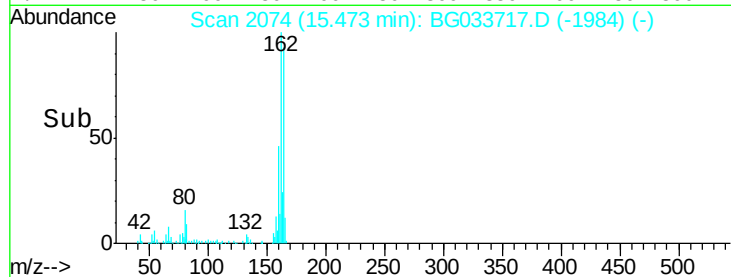
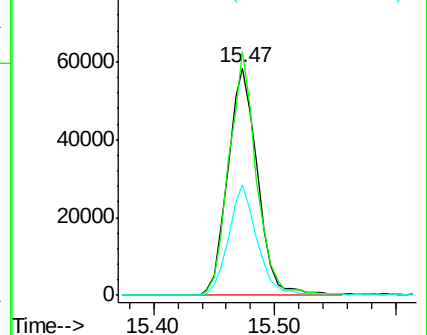
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 154.761 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033717.D

Acq: 10 Apr 2018 17:24

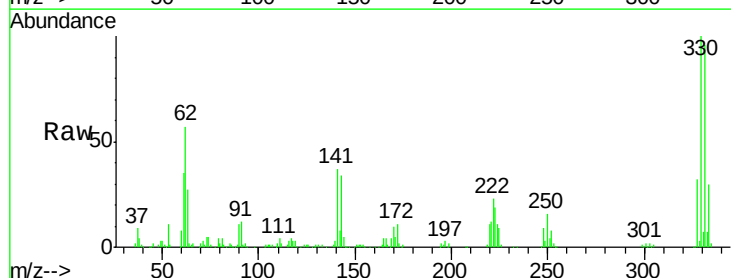
Tgt Ion:330 Resp: 230604

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

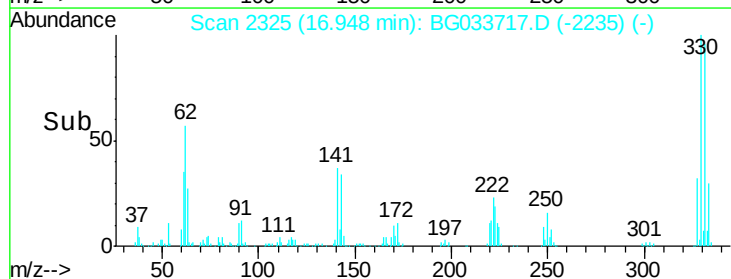
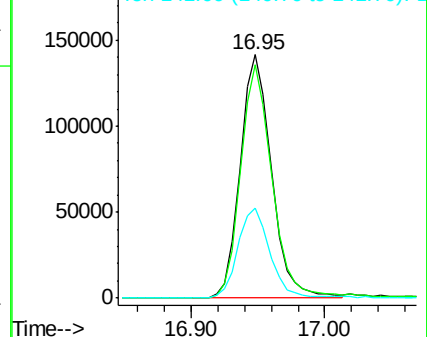
141 38.7 25.2 37.8#

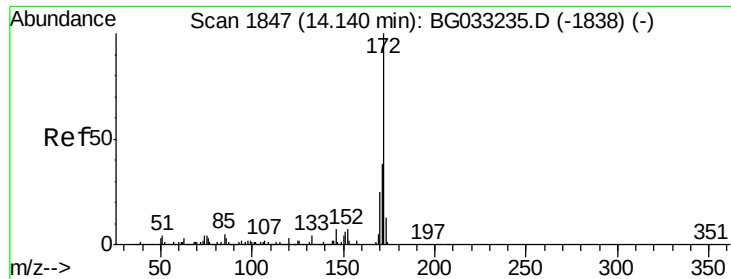


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





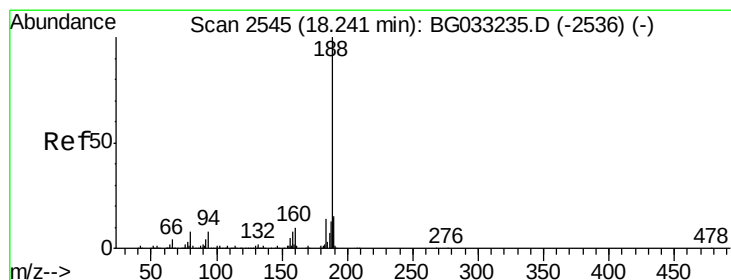
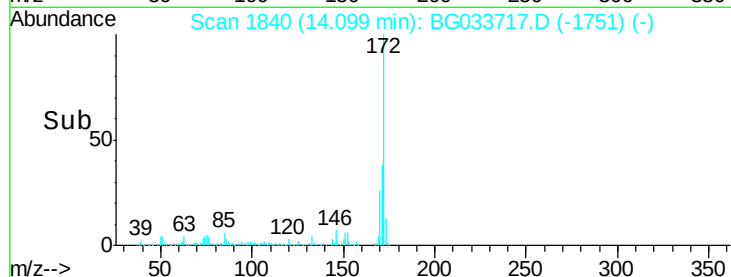
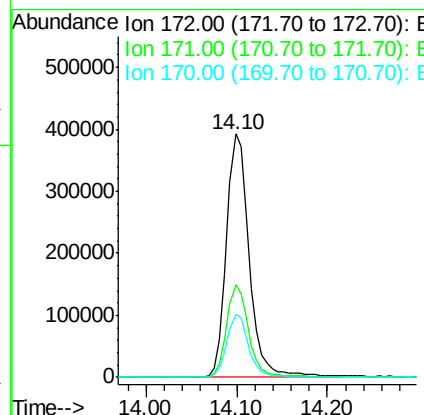
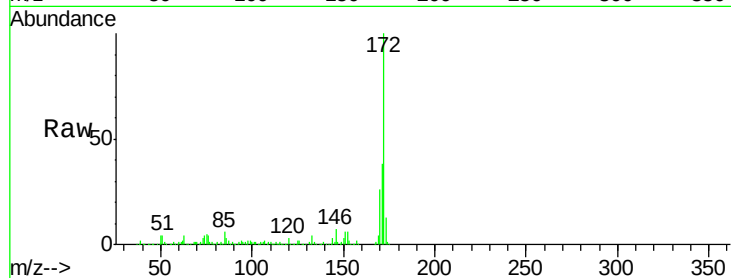
#44
2-Fluorobiphenyl
Concen: 99.158 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		684317		
171	37.8	30.0	45.0		
170	26.0	19.5	29.3		

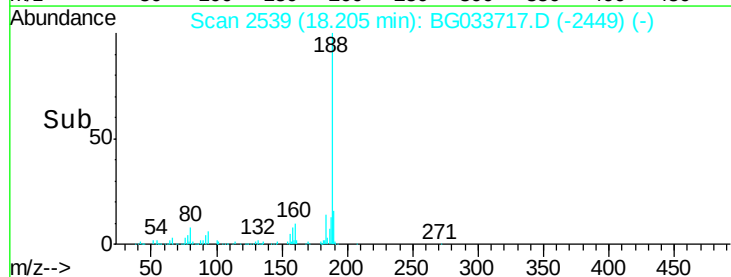
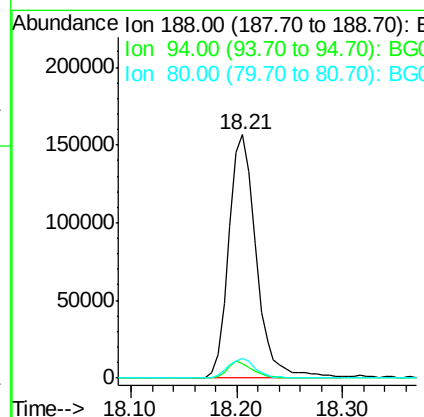
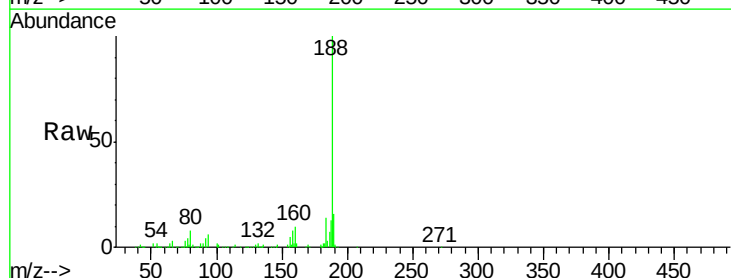
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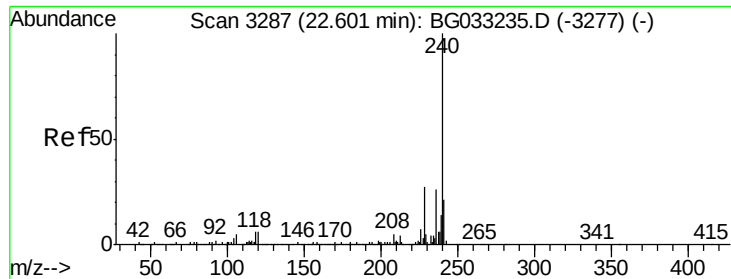
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		282584		
94	6.0	6.9	10.3#		
80	7.9	7.7	11.5		





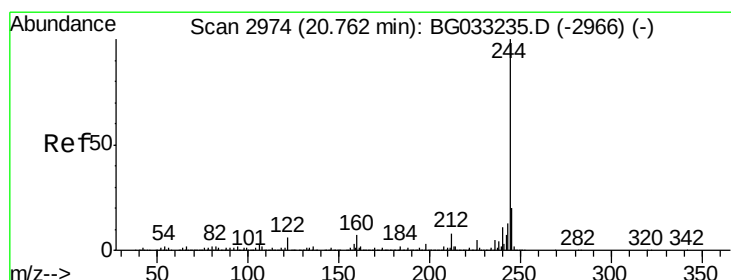
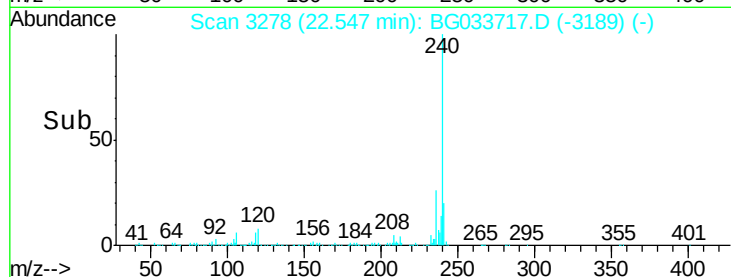
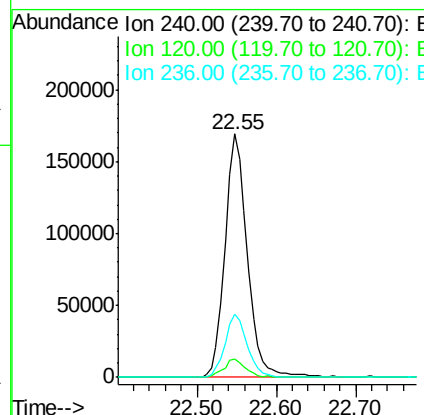
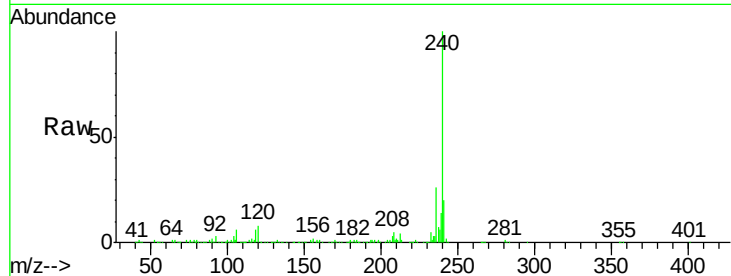
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	26.1	20.9	31.3

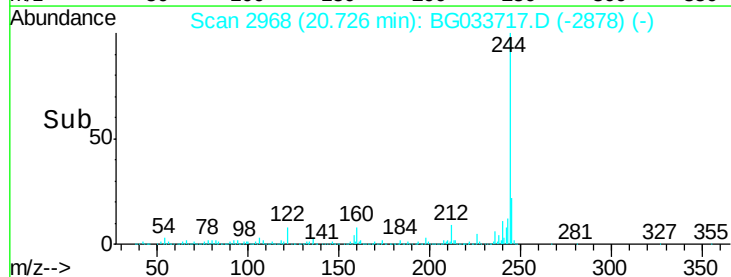
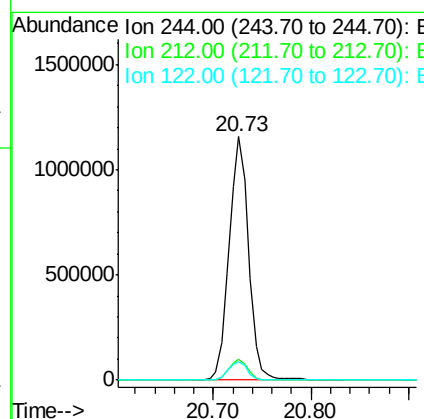
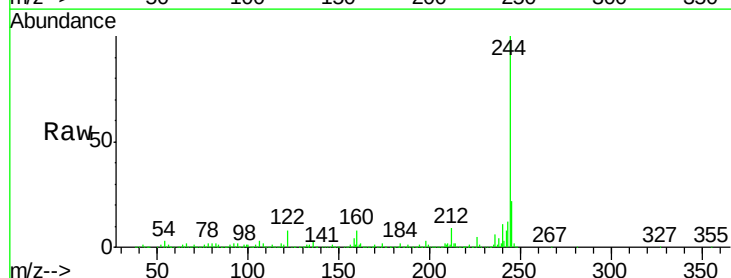
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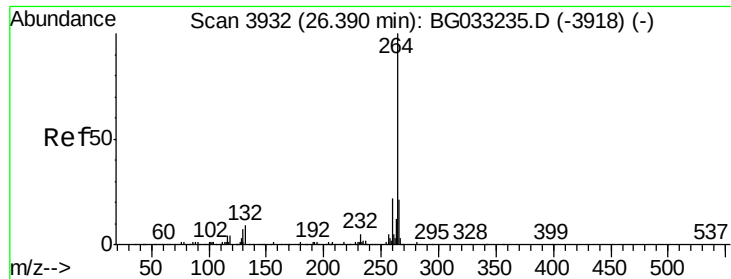
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#78
Terphenyl-d14
Concen: 103.791 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.7	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033717.D
Acq: 10 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :
CL-01-040618-D

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	17.4	26.0
265	20.3	17.7	26.5

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