

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033810.D
 Acq On : 16 Apr 2018 11:11
 Operator : SJ/JU
 Sample : J2348-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 155

Manual Integrations
 APPROVED

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 4/17/2018 5:20:12 PM

Quant Time: Apr 16 12:05:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	25366	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	118916m	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	92867	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	276961	20.00	ng	0.00
75) Chrysene-d12	22.55	240	309446	20.00	ng	0.00
86) Perylene-d12	26.31	264	323062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	243791m	180.22	ng	-0.01
7) Phenol-d6	7.98	99	364914m	157.00	ng	0.00
23) Nitrobenzene-d5	10.06	82	281030	108.58	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	241552	173.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	701436	109.04	ng	0.00
78) Terphenyl-d14	20.73	244	1665102	115.08	ng	0.00

Target Compounds Qvalue

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

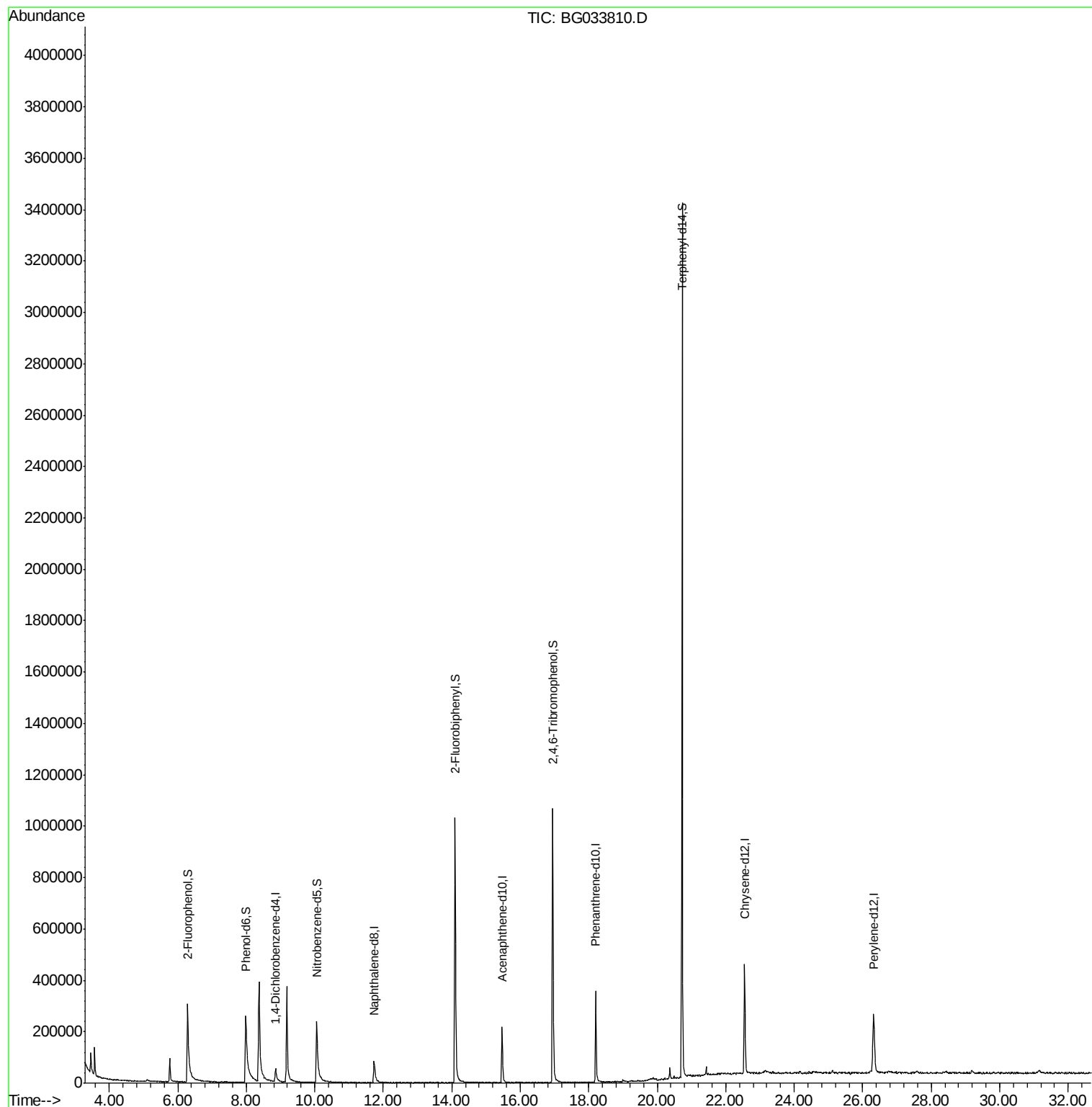
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
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ALS Vial : 3 Sample Multiplier: 1

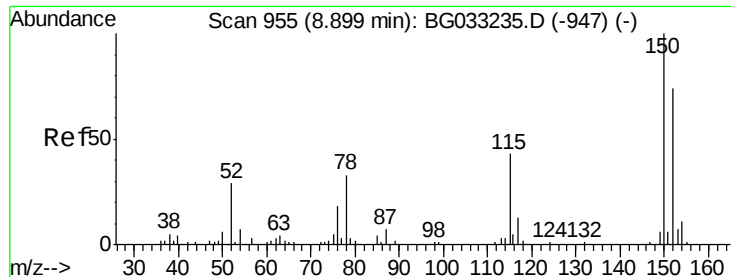
Instrument :
BNA_G
ClientSampleId :
155

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#1

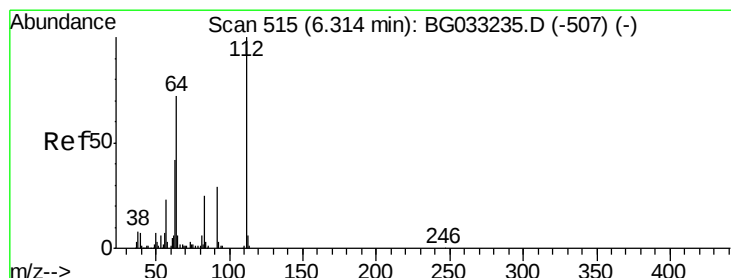
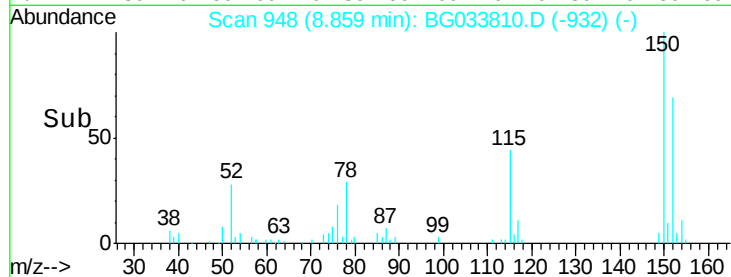
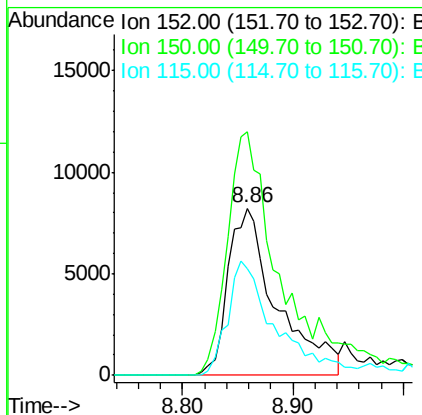
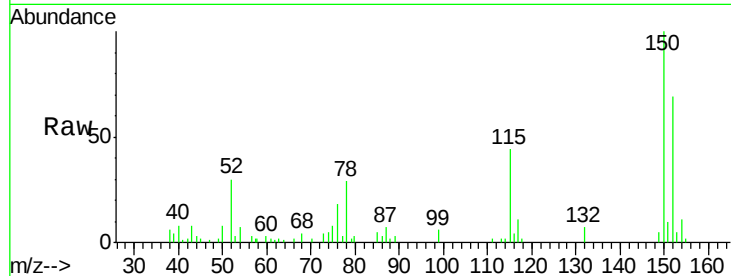
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Instrument :
BNA_G
ClientSampled :
155

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	126.6	189.8
115	64.0	53.0	79.4

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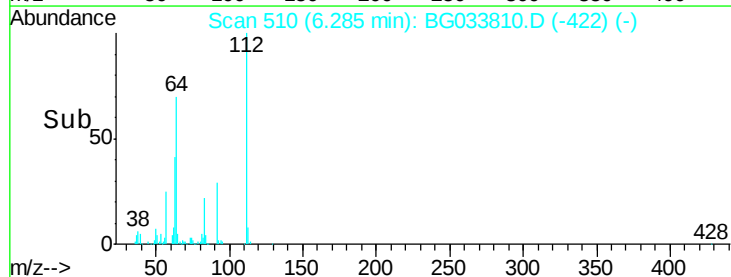
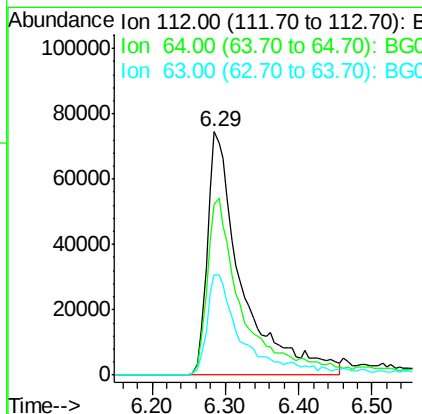
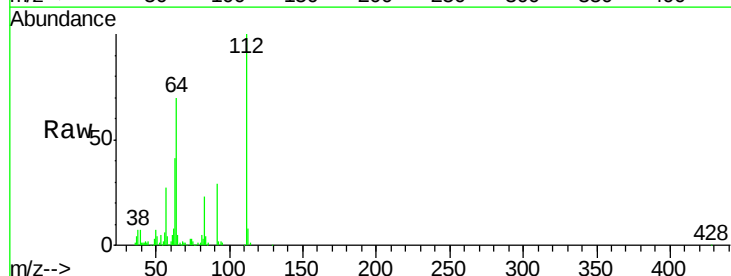
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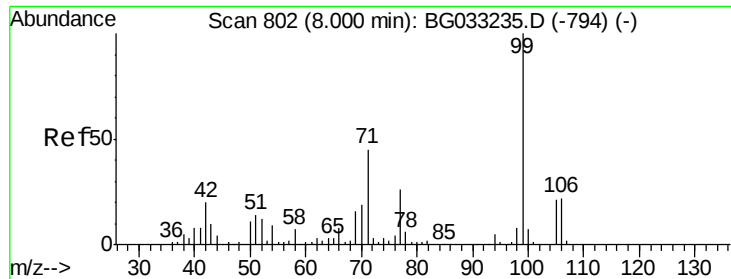


#5

2-Fluorophenol
Concen: 180.217 ng m
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	41.3	30.1	45.1





#7

Phenol-d6

Concen: 156.997 ng m

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

Instrument :

BNA_G

ClientSampled :

155

Tot Ion: 99 Resp: 364914

Ion Ratio Lower Upper

99 100

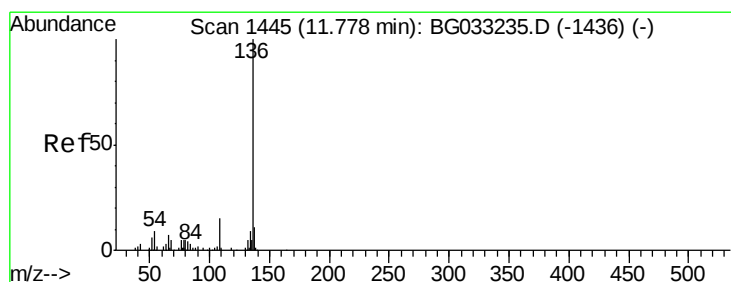
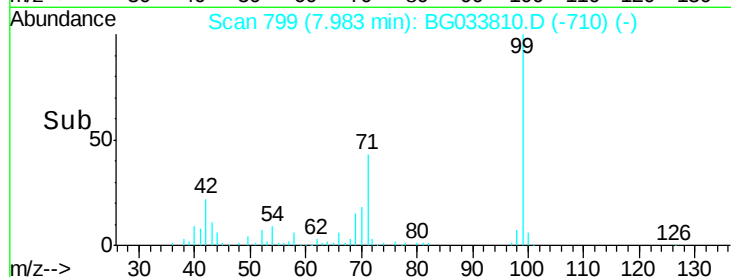
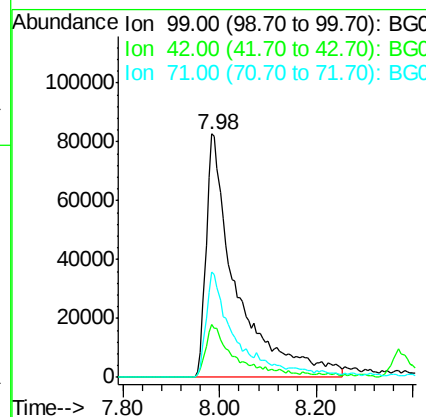
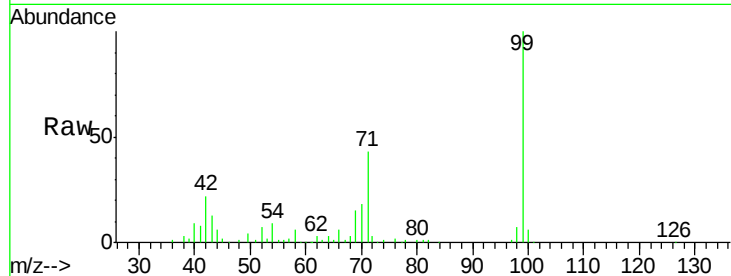
42 21.9 14.1 21.1#

71 43.2 26.1 39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng m

RT: 11.73 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

Tgt Ion: 136 Resp: 118916

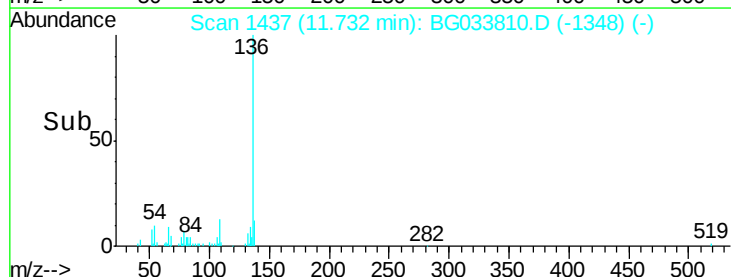
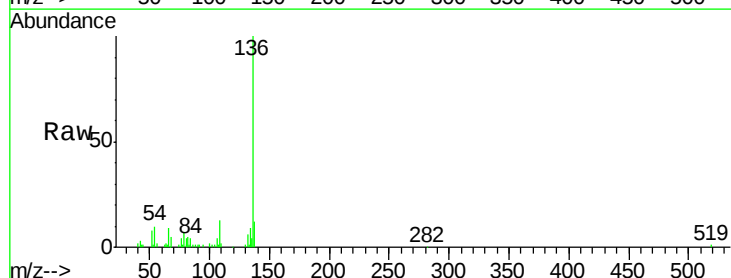
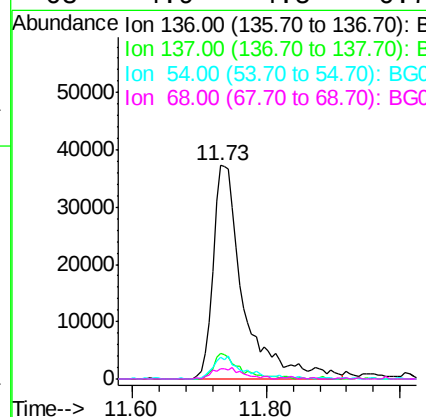
Ion Ratio Lower Upper

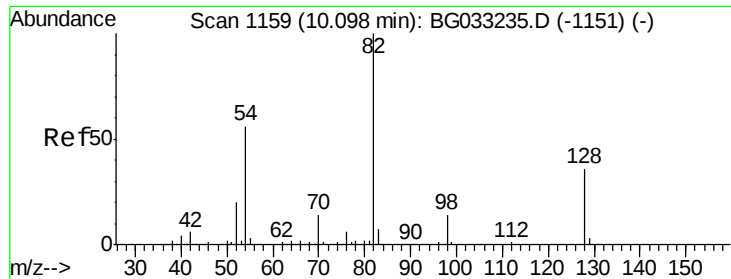
136 100

137 12.2 9.2 13.8

54 10.2 10.3 15.5#

68 4.9 4.5 6.7





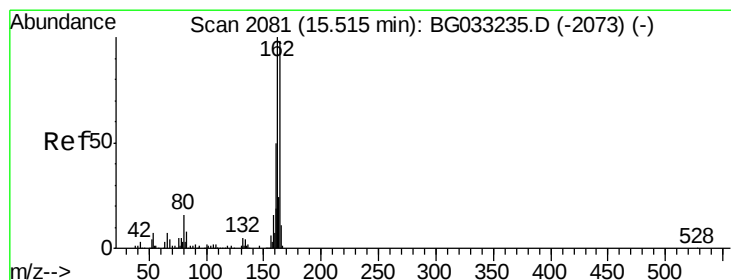
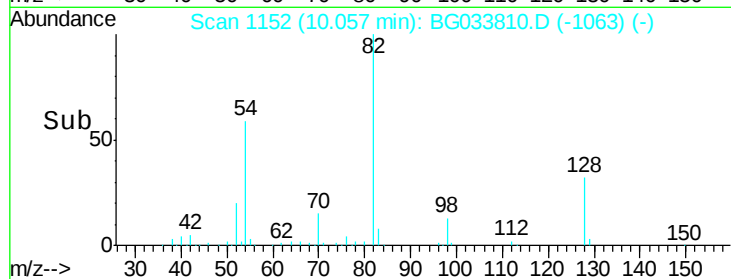
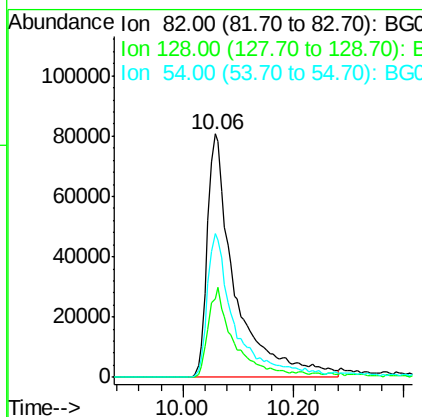
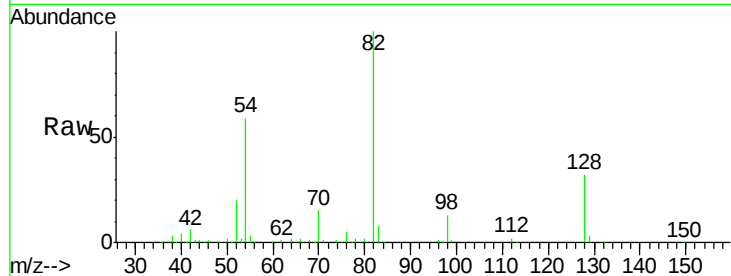
#23
Nitrobenzene-d5
Concen: 108.578 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Instrument :
BNA_G
ClientSampleId :
155

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.1	29.7	44.5
54	59.1	43.1	64.7

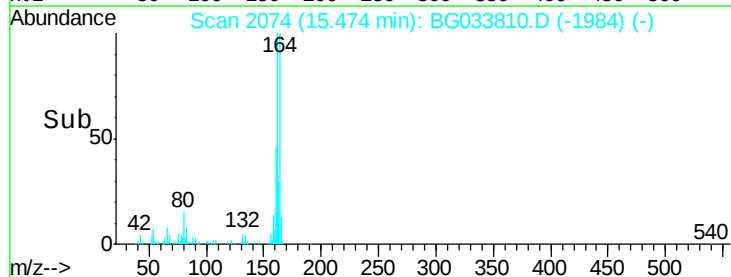
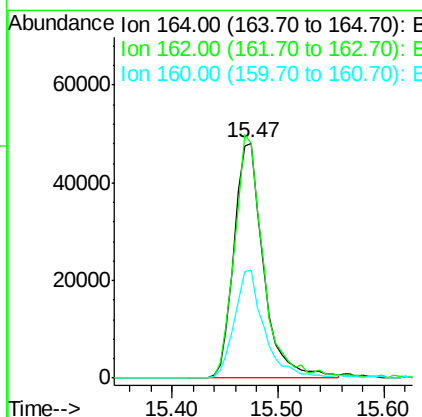
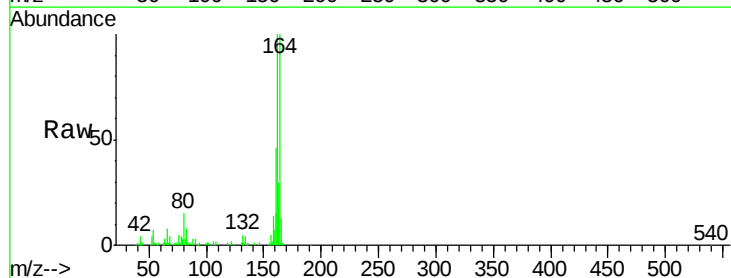
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033810.D
Acq: 16 Apr 2018 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.8	118.2
160	45.8	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 173.912 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

Instrument :

BNA_G

ClientSampled :

155

Tot Ion:330 Resp: 241552
Ion Ratio Lower Upper

330 100

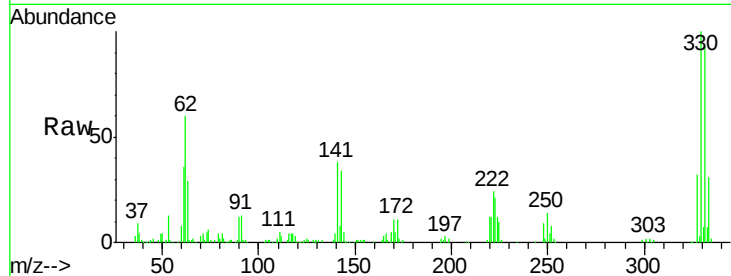
332 94.4 77.0 115.6

141 38.6 25.2 37.8#

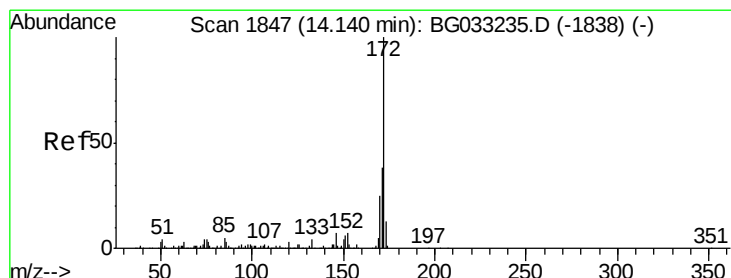
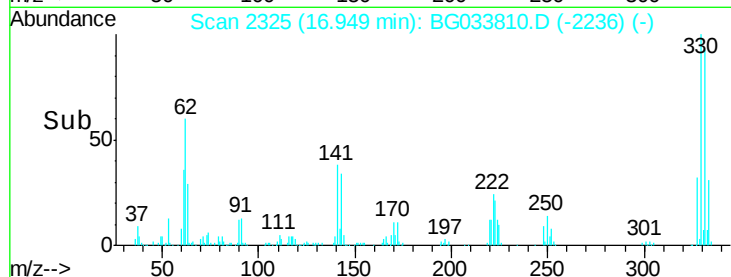
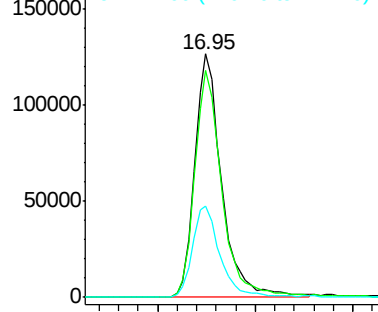
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 109.040 ng

RT: 14.10 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG033810.D

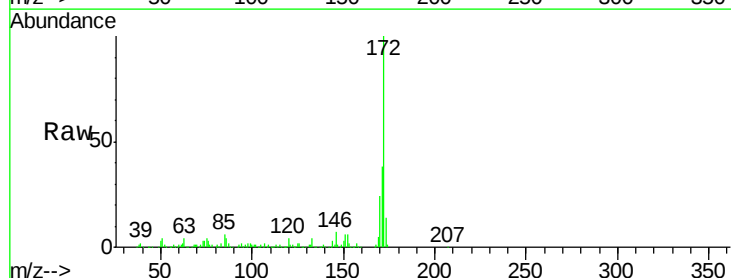
Acq: 16 Apr 2018 11:11

Tgt Ion:172 Resp: 701436
Ion Ratio Lower Upper

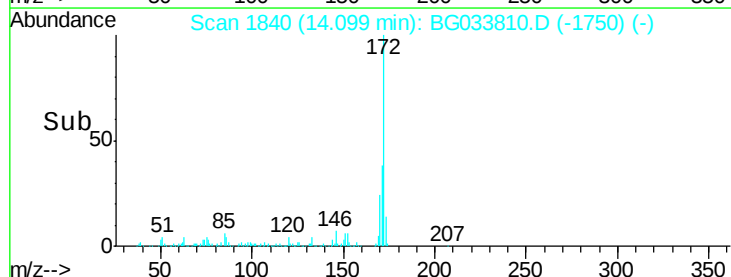
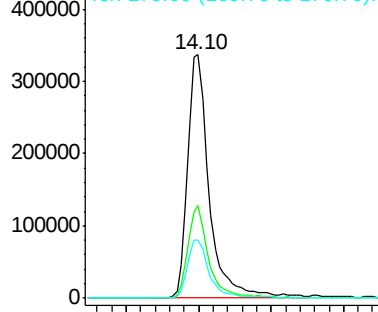
172 100

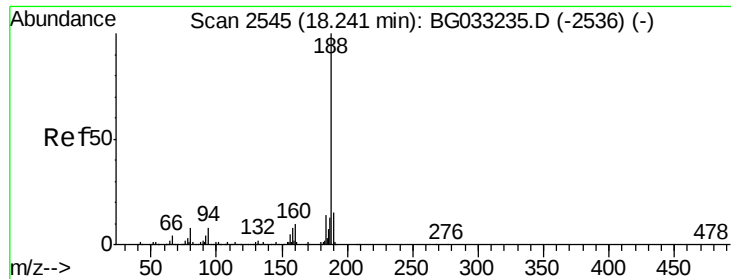
171 37.9 30.0 45.0

170 23.9 19.5 29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

Instrument :

BNA_G

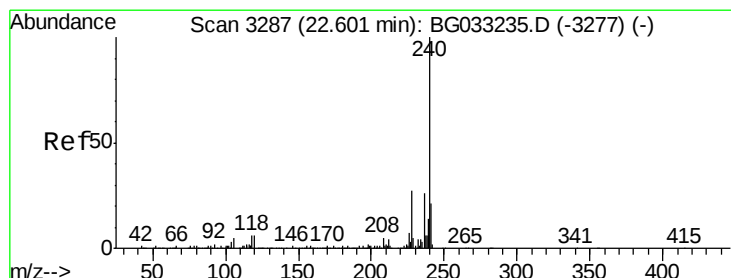
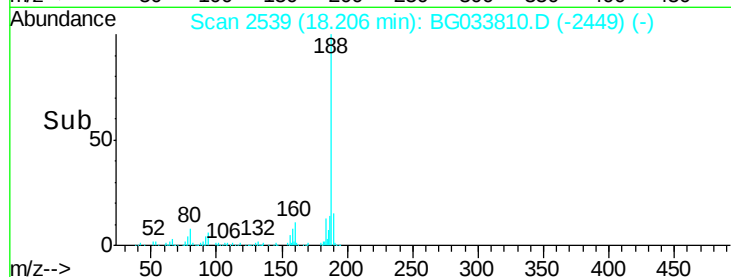
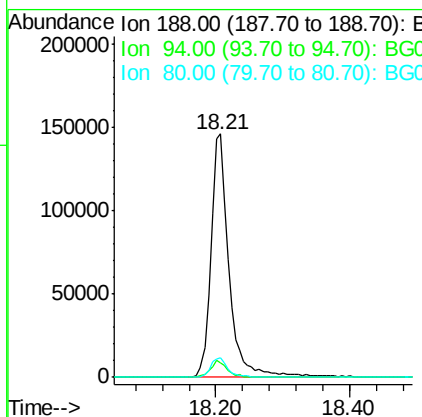
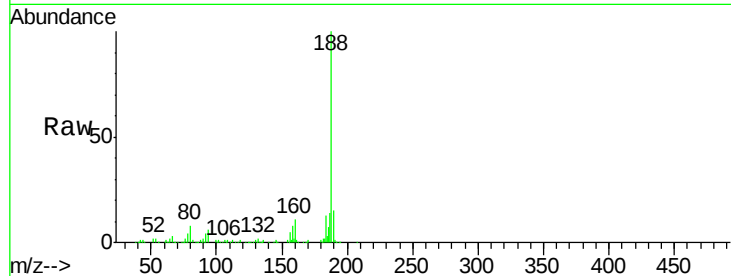
ClientSampleId :

155

Tot Ion:	188	Resp:	276961
Ion Ratio	Lower	Upper	
188	100		
94	5.8	6.9	10.3#
80	8.1	7.7	11.5

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#75

Chrysene-d12

Concen: 20.000 ng

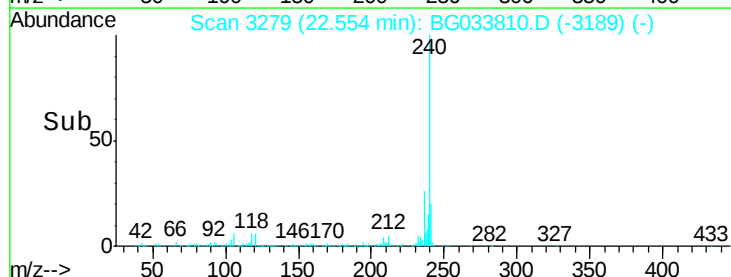
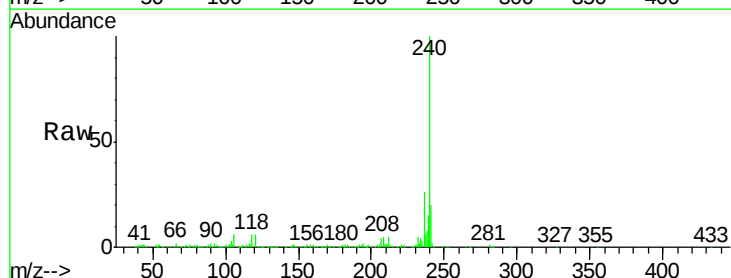
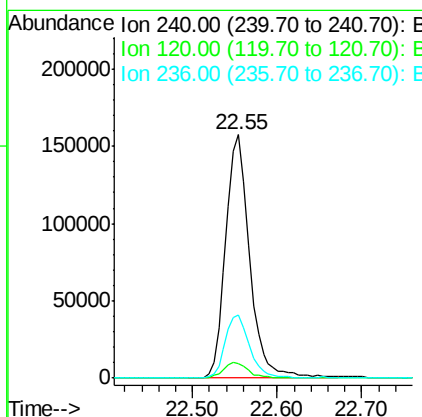
RT: 22.55 min Scan# 3279

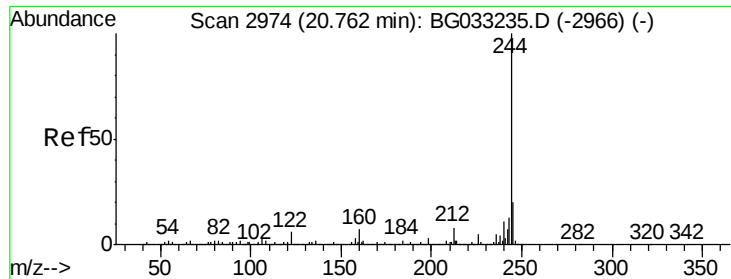
Delta R.T. 0.00 min

Lab File: BG033810.D

Acq: 16 Apr 2018 11:11

Tgt Ion:	240	Resp:	309446
Ion Ratio	Lower	Upper	
240	100		
120	6.0	6.8	10.2#
236	26.0	20.9	31.3





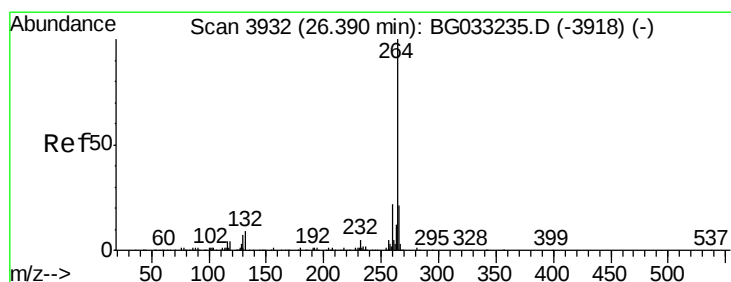
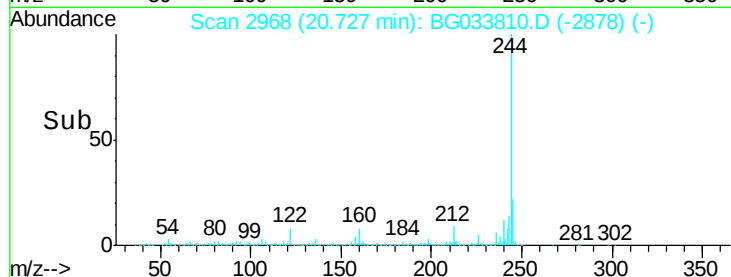
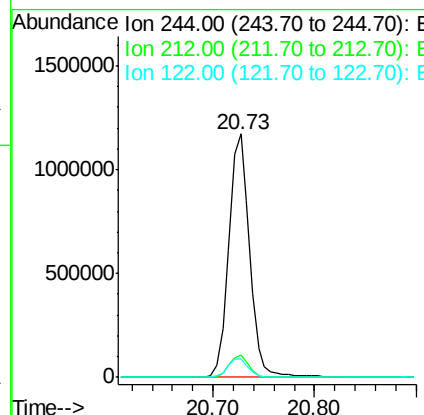
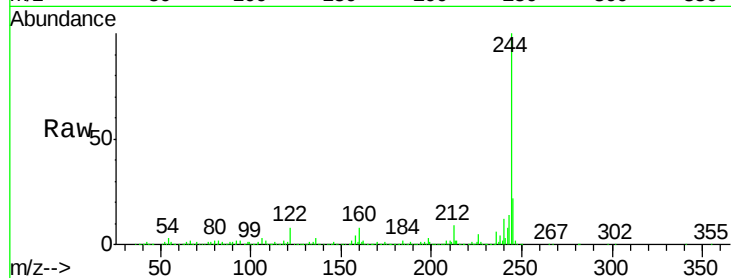
#78
 Terphenyl-d14
 Concen: 115.077 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033810.D
 Acq: 16 Apr 2018 11:11

Instrument :
 BNA_G
 ClientSampleId :
 155

Tot Ion:244 Resp: 1665102
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.8 8.8#
 122 7.7 7.0 10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033810.D
 Acq: 16 Apr 2018 11:11

Tgt Ion:264 Resp: 323062
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.4 26.0
 265 20.9 17.7 26.5

