

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032633.D
 Acq On : 9 Feb 2018 16:26
 Operator : SJ/JU
 Sample : J1499-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-154

Manual Integrations
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Sohil
 2/13/2018 11:29:42 AM

Quant Time: Feb 09 23:38:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	32098	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	136692	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	113243	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	324829	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	360681	20.00	ng	-0.02
86) Perylene-d12	26.06	264	366926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	224709	140.61	ng	-0.02
7) Phenol-d6	7.81	99	259607	121.74	ng	-0.02
23) Nitrobenzene-d5	9.88	82	221671	101.29	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	293225	136.03	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	834131	87.55	ng	-0.02
78) Terphenyl-d14	20.60	244	1565041	92.95	ng	-0.01
Target Compounds						
76) Benzidine	20.24	184	28583m	4.036	ng	Qvalue

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

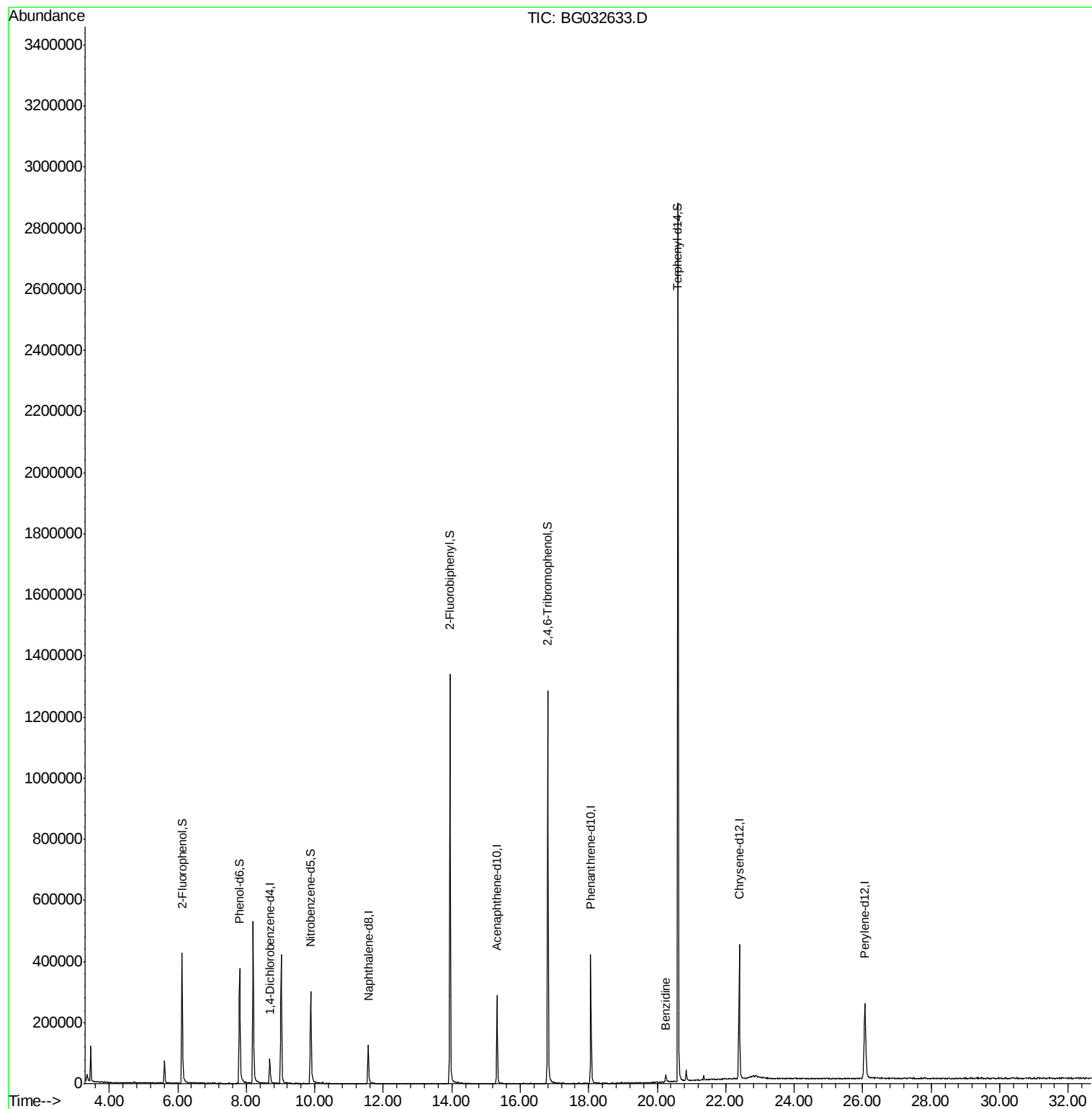
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
Data File : BG032633.D
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Operator : SJ/JU
Sample : J1499-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

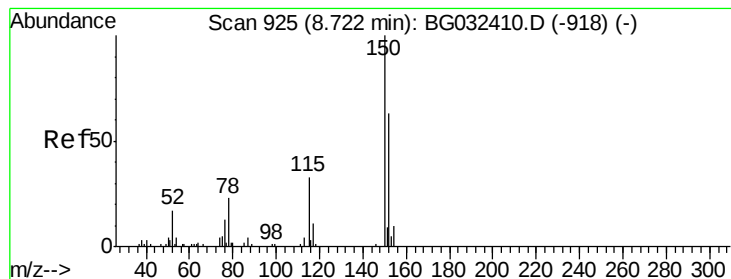
Instrument :
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#1

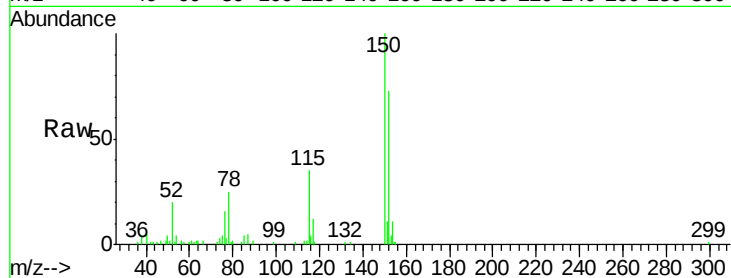
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Instrument :
BNA_G
ClientSampled :
RO-154

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.0	126.6	189.8
115	47.7	53.0	79.4

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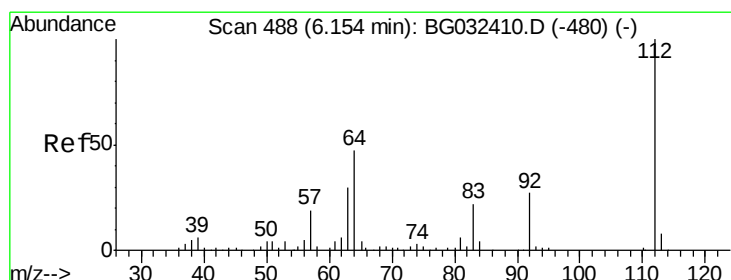
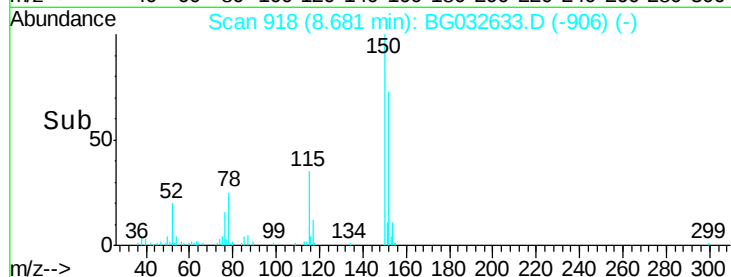
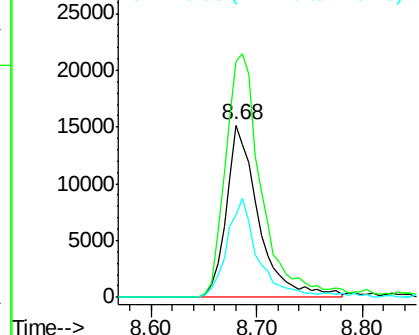


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

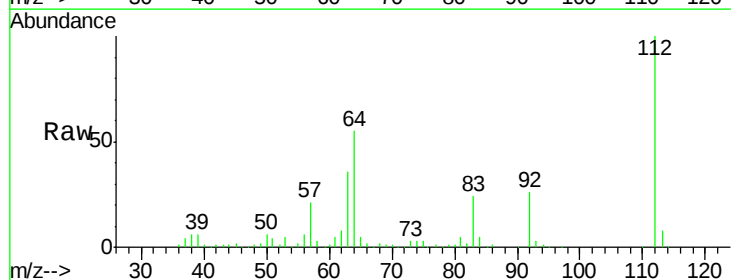
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.613 ng
RT: 6.12 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	56.3	84.5
63	36.4	30.1	45.1

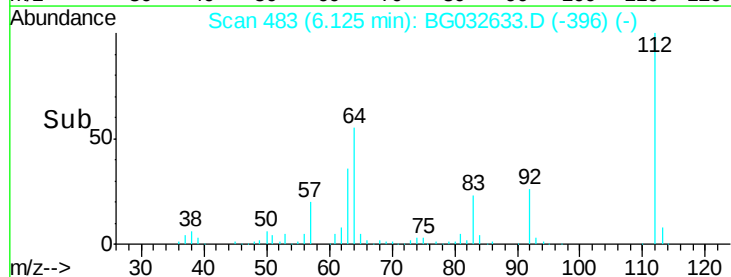
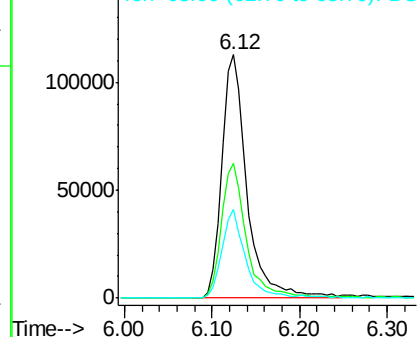


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.739 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

Instrument :

BNA_G

ClientSampleId :

RO-154

Tot Ion: 99 Resp: 259607

Ion Ratio Lower Upper

99 100

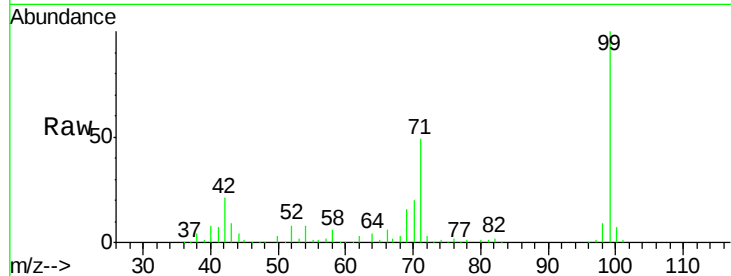
42 20.7 14.1 21.1

71 48.9 26.1 39.1#

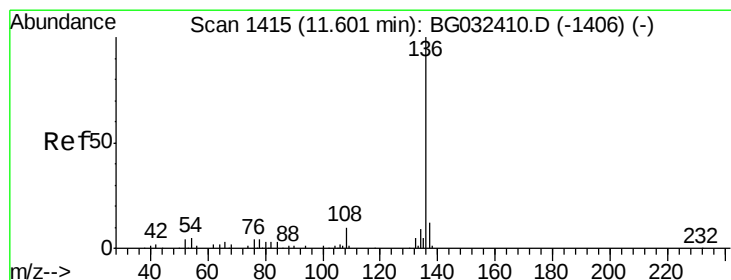
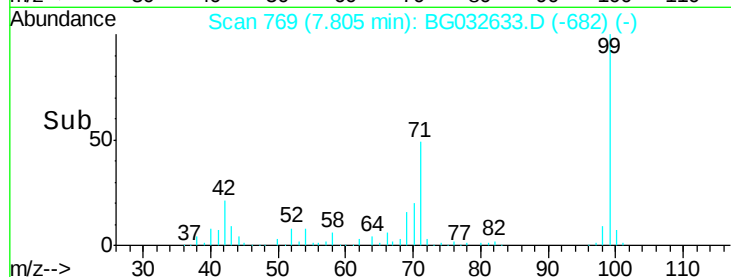
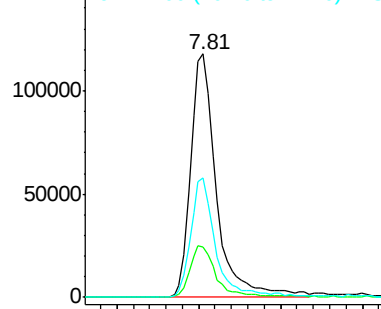
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

Tgt Ion: 136 Resp: 136692

Ion Ratio Lower Upper

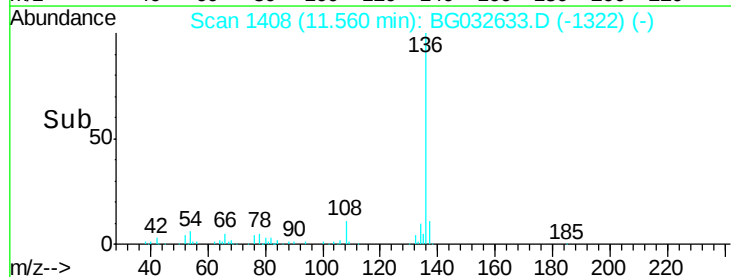
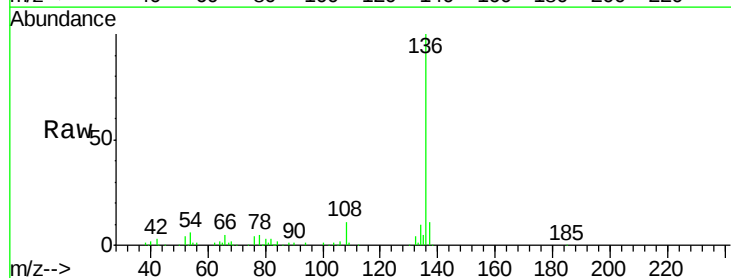
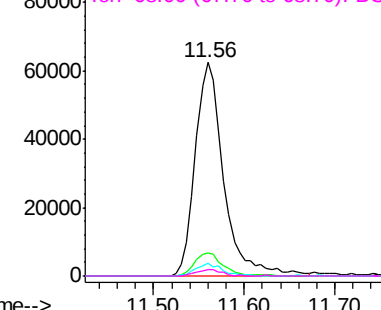
136 100

137 10.7 9.2 13.8

54 6.4 10.3 15.5#

68 2.8 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





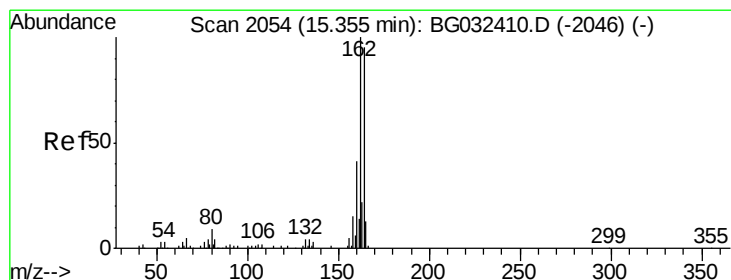
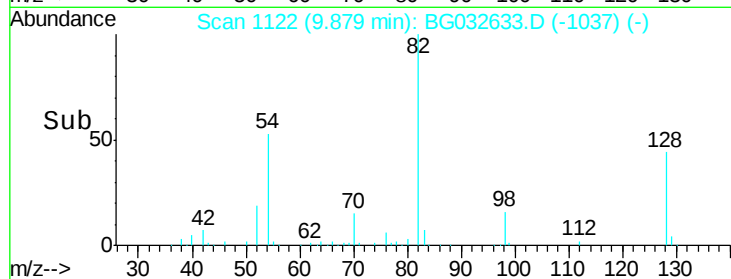
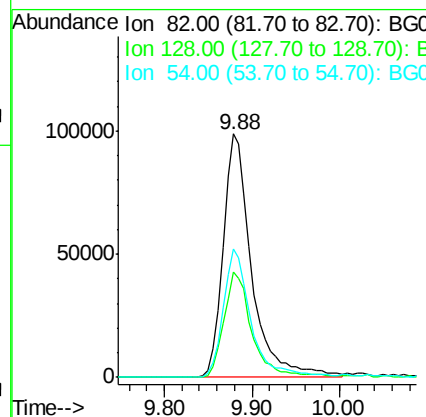
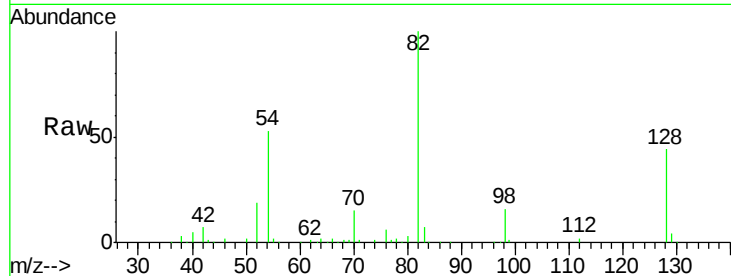
#23
 Nitrobenzene-d5
 Concen: 101.291 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

Instrument :
 BNA_G
 ClientSampleId :
 RO-154

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	29.7	44.5	
54	53.0	43.1	64.7	

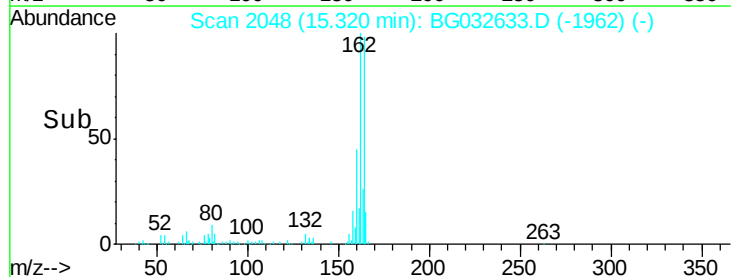
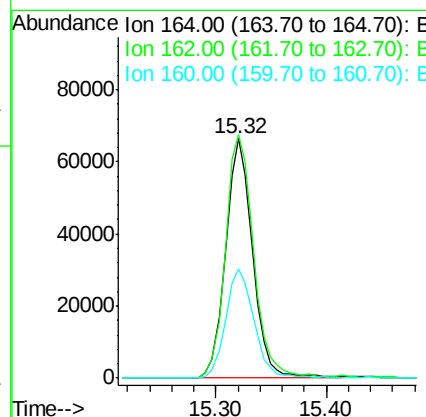
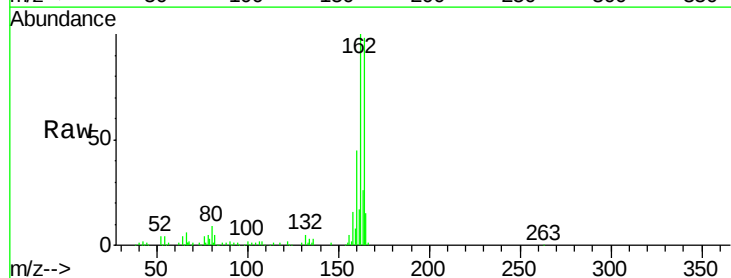
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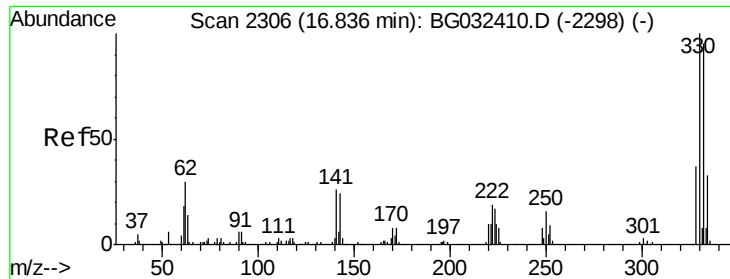
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	78.8	118.2	
160	45.5	35.4	53.0	





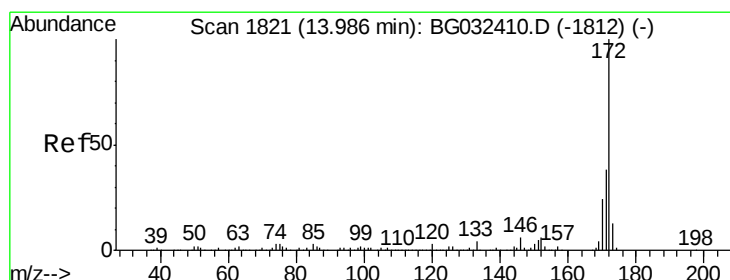
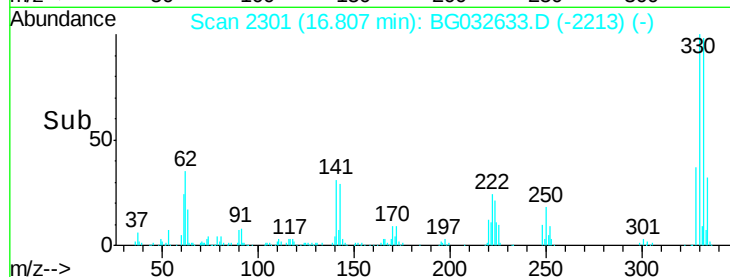
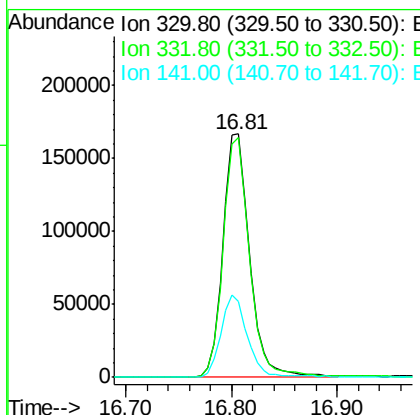
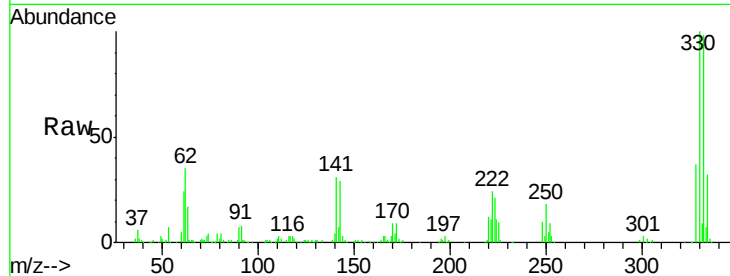
#41
 2,4,6-Tribromophenol
 Concen: 136.031 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

Instrument :
 BNA_G
 ClientSampled :
 RO-154

Tot Ion	Ratio	Resp	Lower	Upper
330	100	293225		
332	96.8	77.0	115.6	
141	33.2	25.2	37.8	

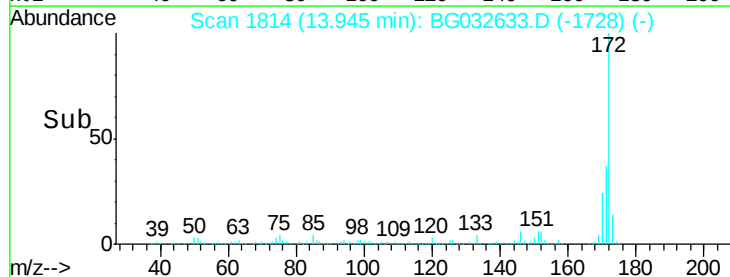
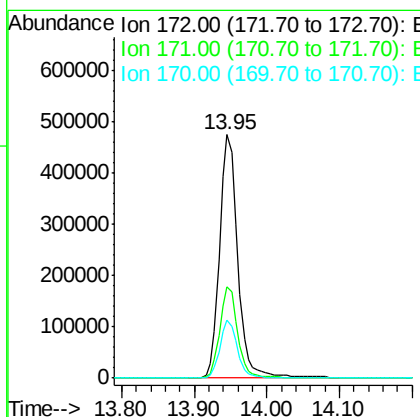
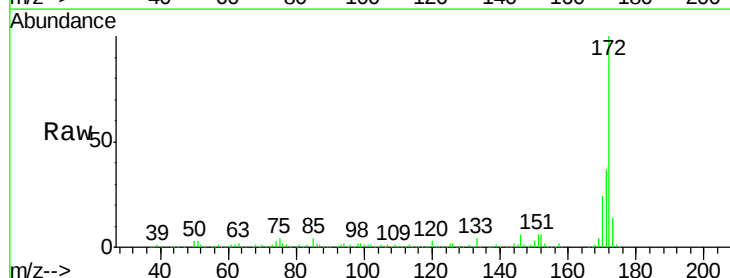
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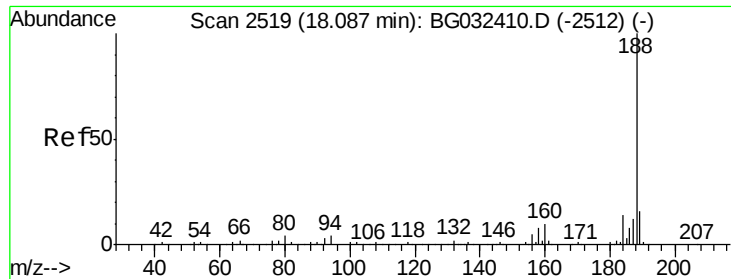
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#44
 2-Fluorobiphenyl
 Concen: 87.548 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	834131		
171	37.3	30.0	45.0	
170	23.6	19.5	29.3	





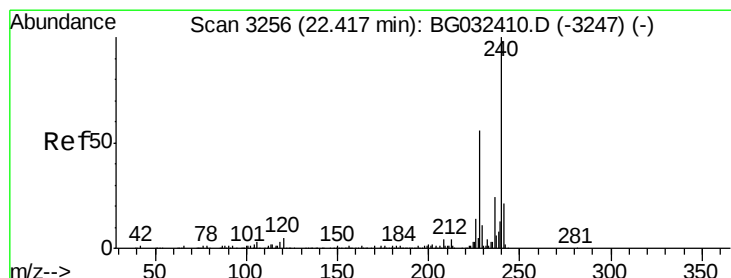
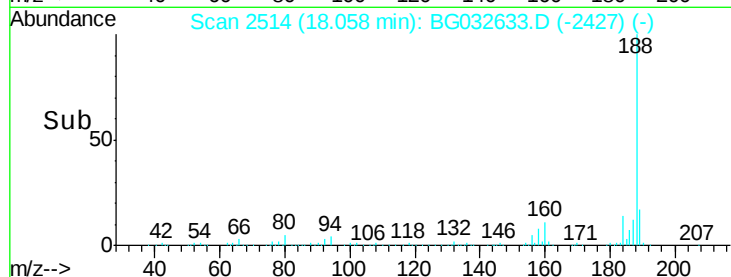
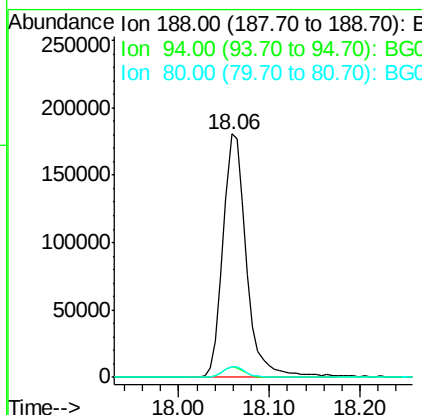
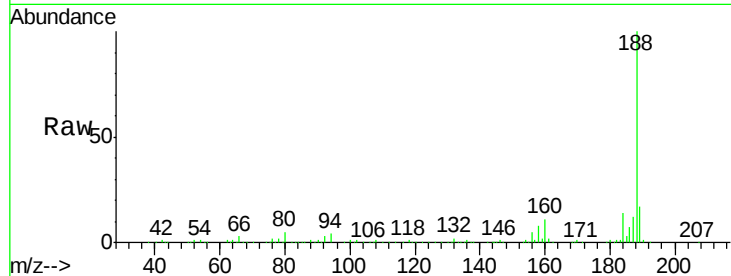
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Instrument :
BNA_G
ClientSampleId :
RO-154

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	4.6	7.7	11.5#

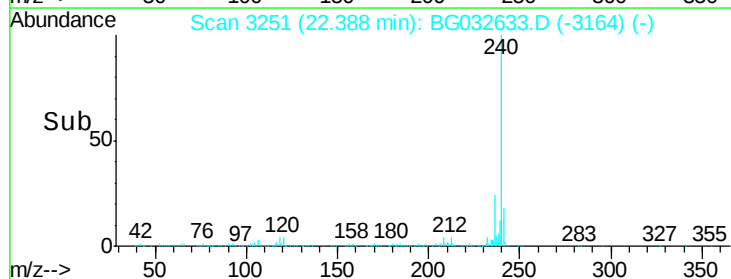
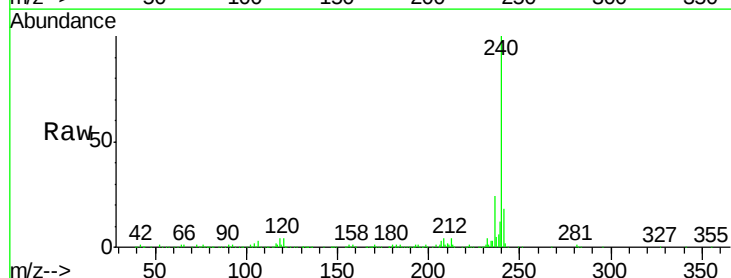
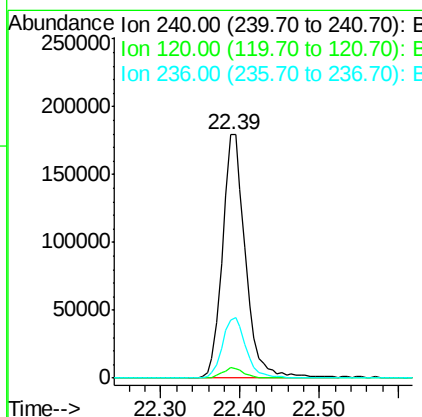
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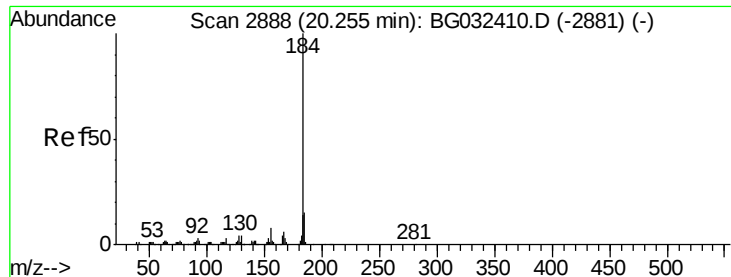
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BG032633.D
Acq: 9 Feb 2018 16:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	23.7	20.9	31.3





#76

Benzidine

Concen: 4.036 ng/mL

RT: 20.24 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

Instrument :

BNA_G

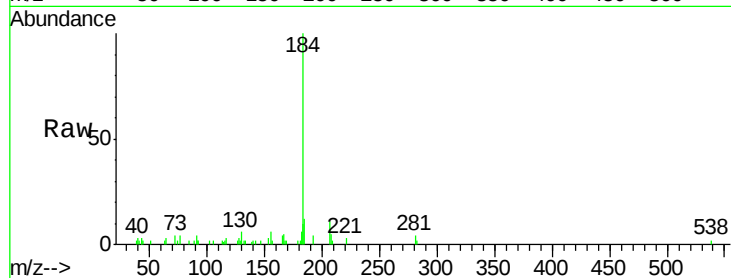
ClientSampled :

RO-154

Tot Ion:	184	Resp:	28583
Ion Ratio	Lower	Upper	
184	100		
185	12.5	11.1	16.7
183	10.0	10.6	16.0#

Manual Integrations
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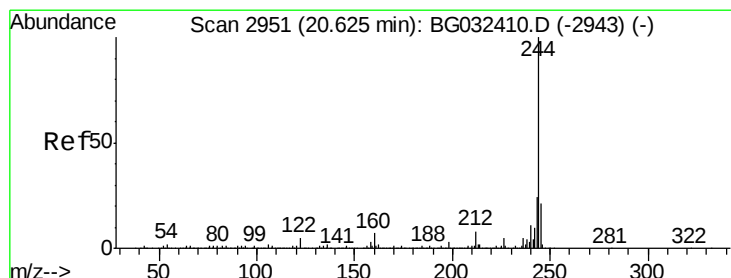
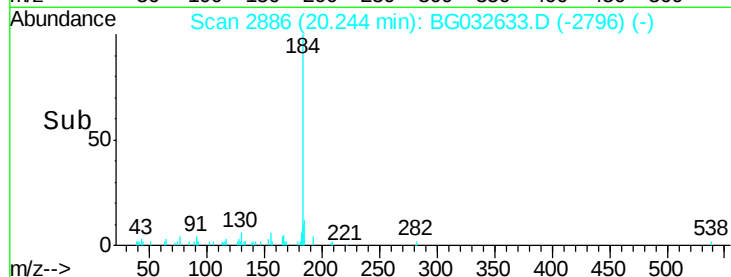
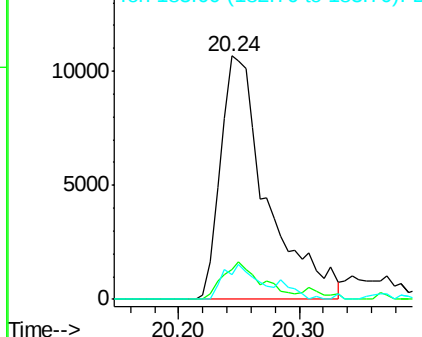
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 92.948 ng/mL

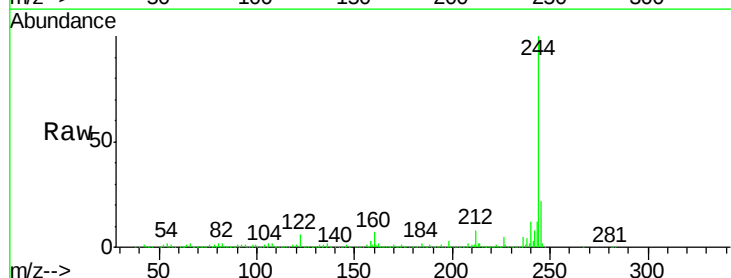
RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032633.D

Acq: 9 Feb 2018 16:26

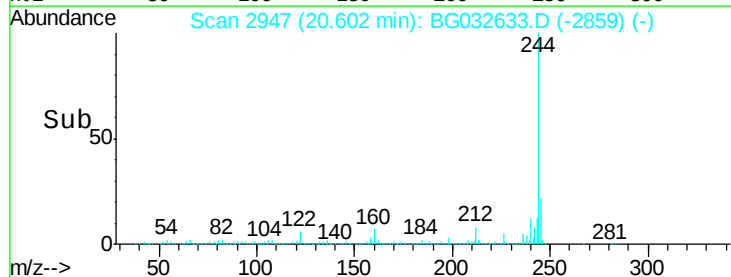
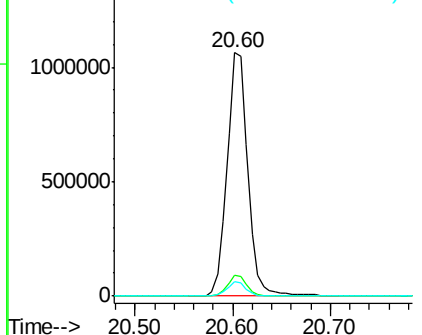
Tgt Ion:	244	Resp:	1565041
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.8	8.8
122	6.0	7.0	10.4#

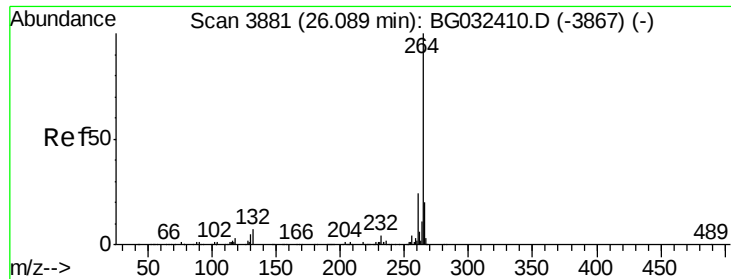


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BG032633.D
 Acq: 9 Feb 2018 16:26

Instrument :
 BNA_G
 ClientSampleId :
 RO-154

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.3	17.4	26.0
265	21.5	17.7	26.5

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