

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033850.D
 Acq On : 17 Apr 2018 18:28
 Operator : SJ/JU
 Sample : J2370-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-RO-721194

Manual Integrations
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 4/18/2018 3:03:43 PM

Quant Time: Apr 18 04:13:39 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	28966	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	149306	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	120735	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	354785	20.00	ng	0.00
75) Chrysene-d12	22.52	240	344741	20.00	ng	-0.02
86) Perylene-d12	26.27	264	369221	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	216184	139.95	ng	0.00
7) Phenol-d6	7.96	99	337784m	127.26	ng	0.00
23) Nitrobenzene-d5	10.03	82	295645m	90.98	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	275356	152.49	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	750524	89.74	ng	0.00
78) Terphenyl-d14	20.70	244	1540744	95.58	ng	0.00

Target Compounds Qvalue

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

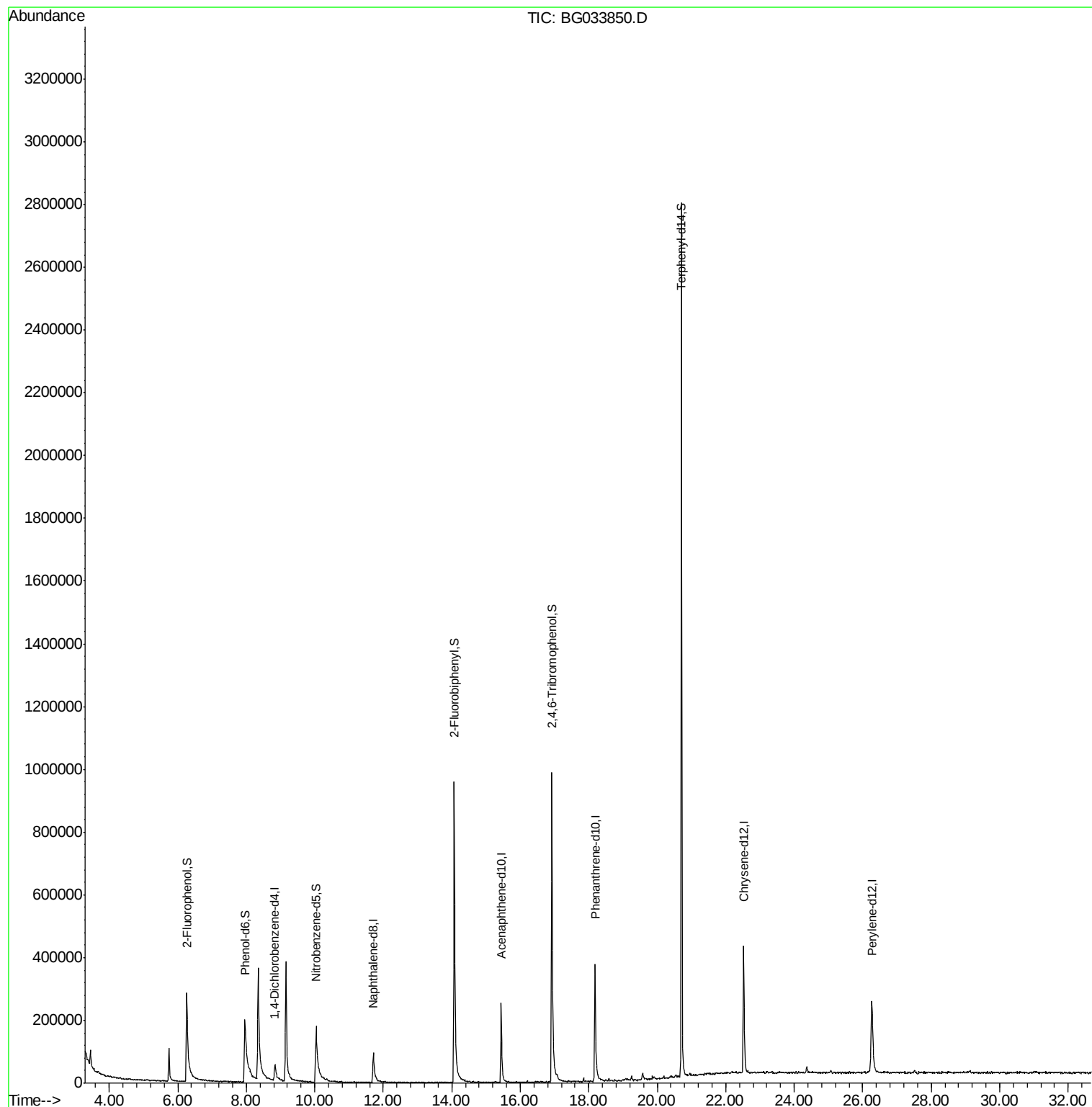
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
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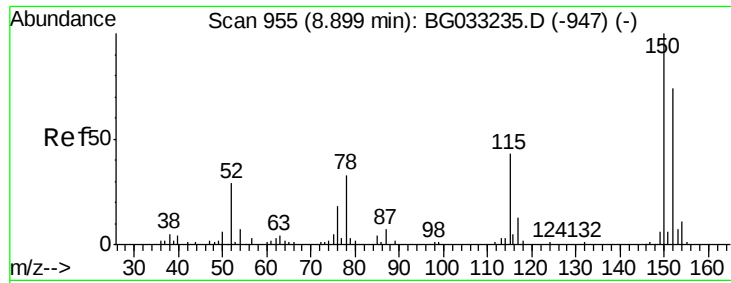
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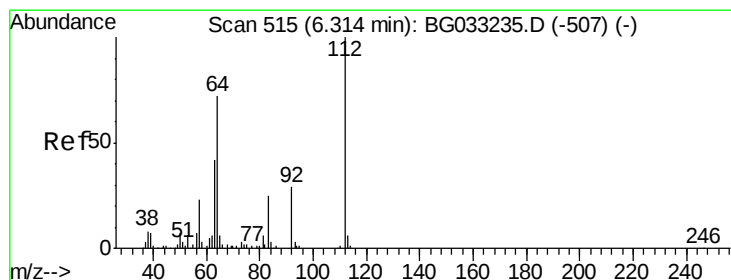
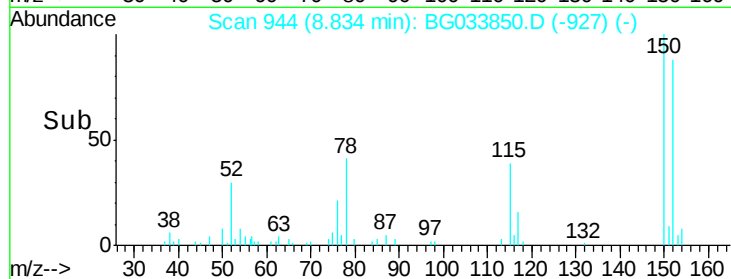
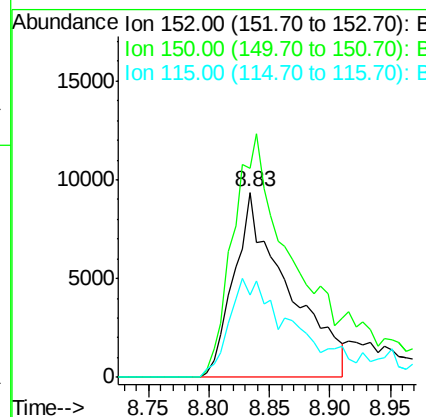
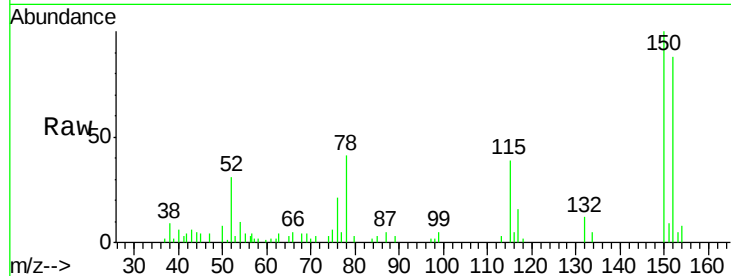
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :
 CG-RO-721194

Tot Ion	Ratio	Lower	Upper
152	100		
150	113.3	126.6	189.8#
115	44.4	53.0	79.4#

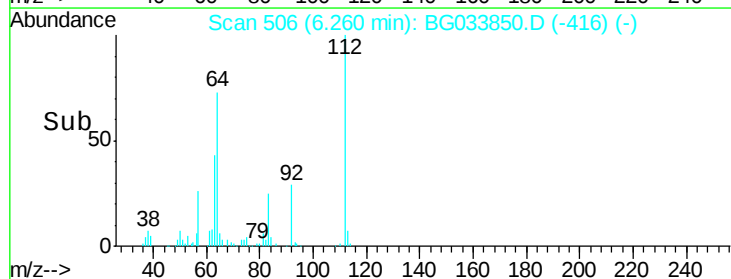
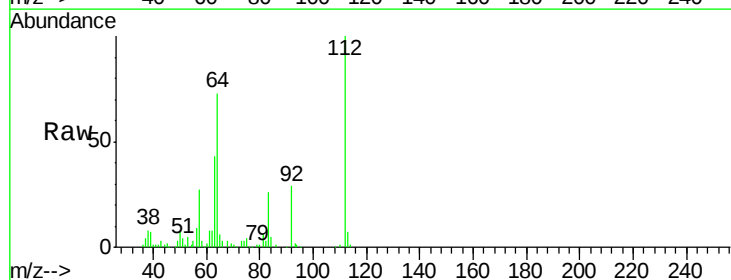
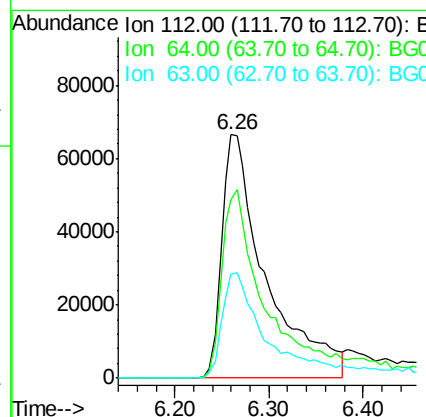
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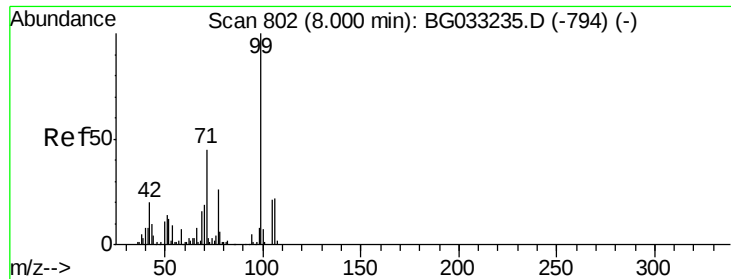
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#5
 2-Fluorophenol
 Concen: 139.947 ng
 RT: 6.26 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	56.3	84.5
63	43.0	30.1	45.1





#7

Phenol-d6

Concen: 127.264 ng/mL

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

Instrument :

BNA_G

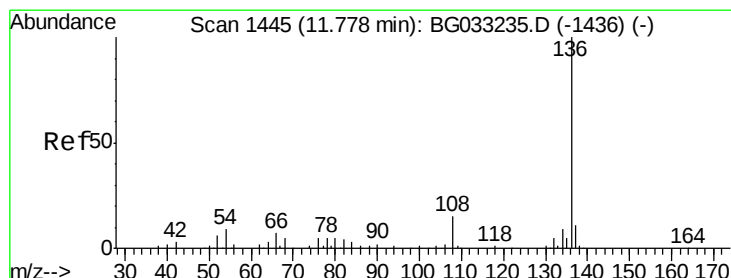
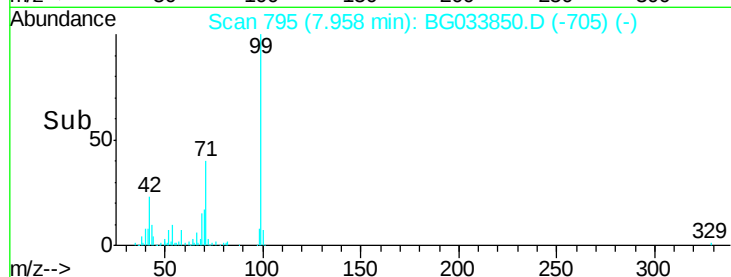
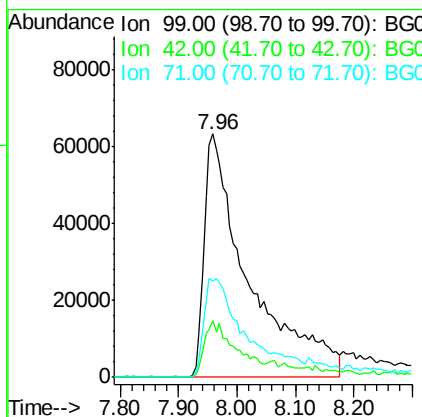
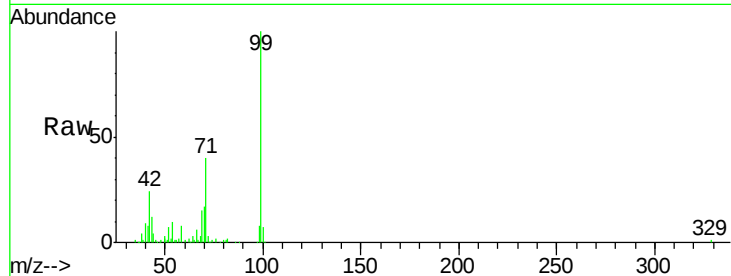
ClientSampleId :

CG-RO-721194

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		337784		
42	23.5	14.1	21.1#		
71	39.8	26.1	39.1#		

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#21

Naphthalene-d8

Concen: 20.000 ng

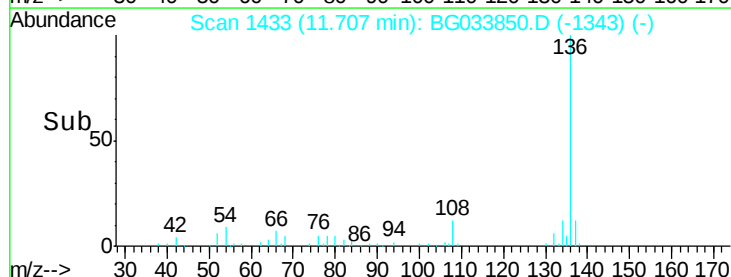
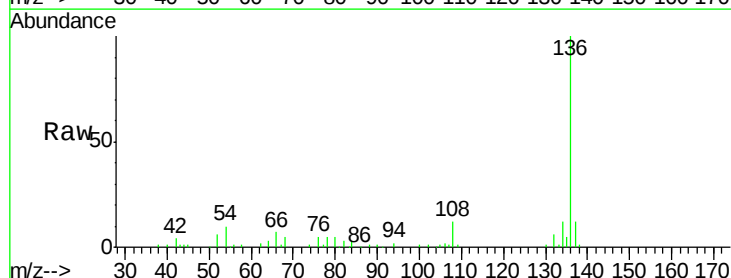
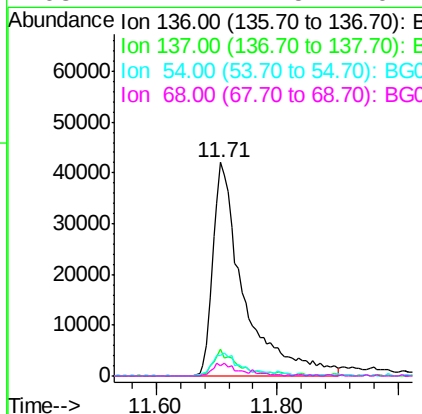
RT: 11.71 min Scan# 1433

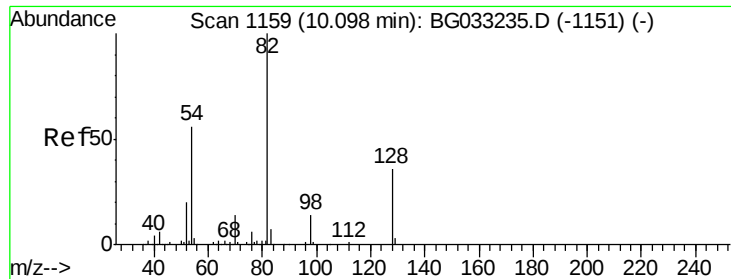
Delta R.T. -0.00 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		149306		
137	12.3	9.2	13.8		
54	9.9	10.3	15.5#		
68	4.7	4.5	6.7		





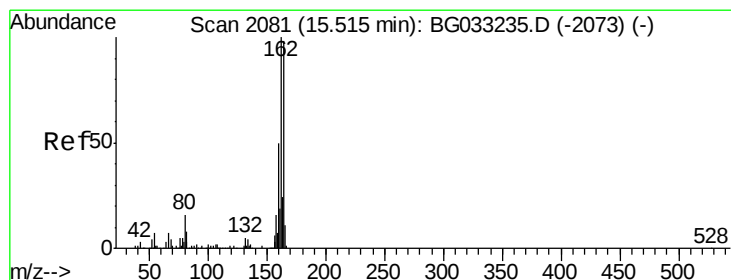
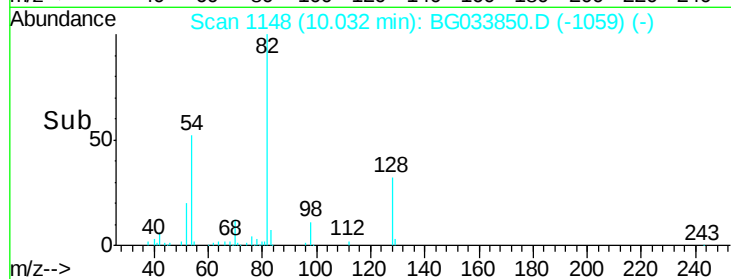
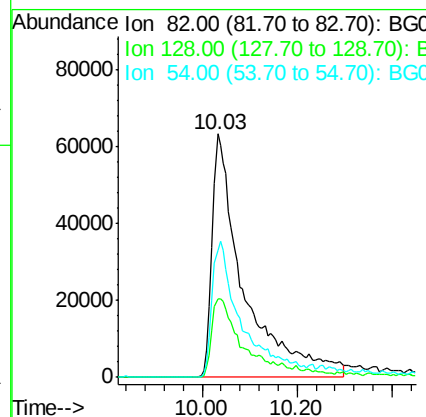
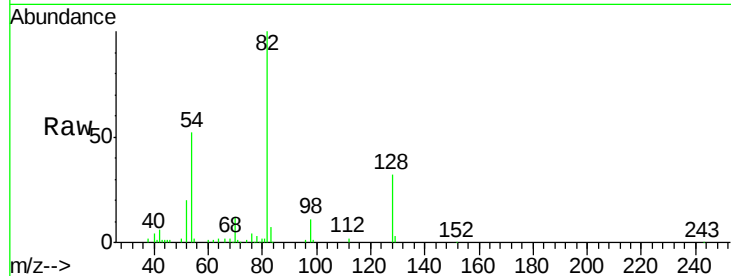
#23
 Nitrobenzene-d5
 Concen: 90.975 ng/ml
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :
 CG-RO-721194

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.2	29.7	44.5
54	52.0	43.1	64.7

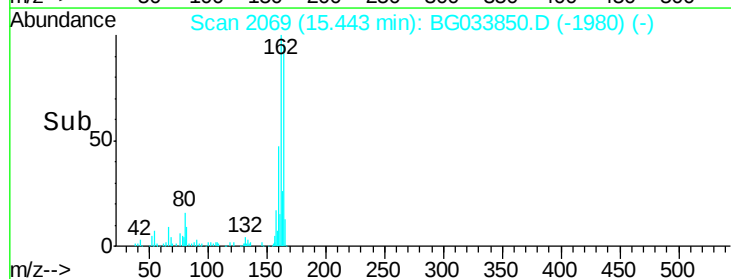
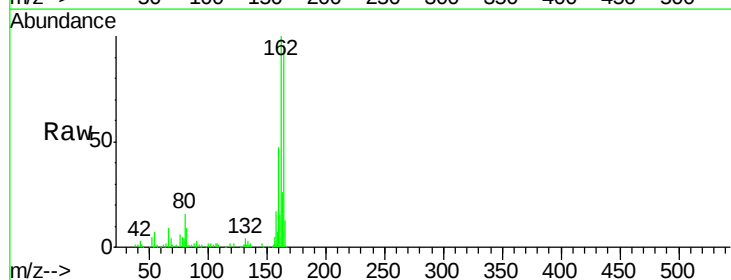
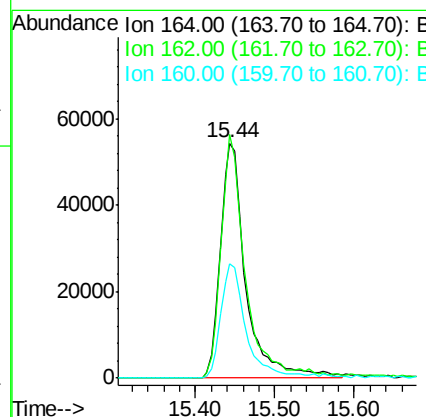
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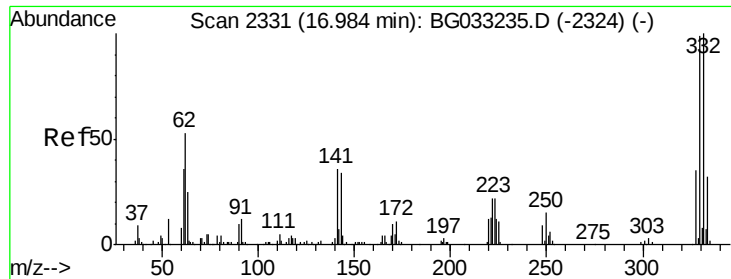
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG033850.D
 Acq: 17 Apr 2018 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	48.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 152.490 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

Instrument :

BNA_G

ClientSampleId :

CG-RO-721194

Tot Ion:330 Resp: 275356

Ion Ratio Lower Upper

330 100

332 92.7 77.0 115.6

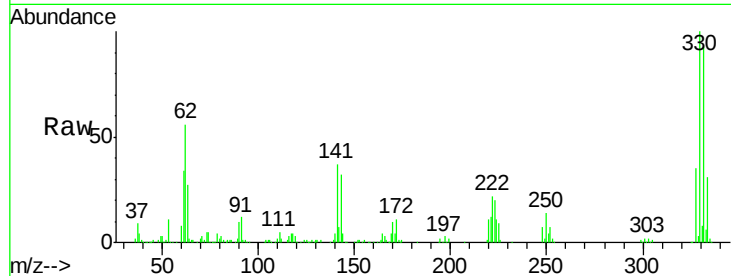
141 36.3 25.2 37.8

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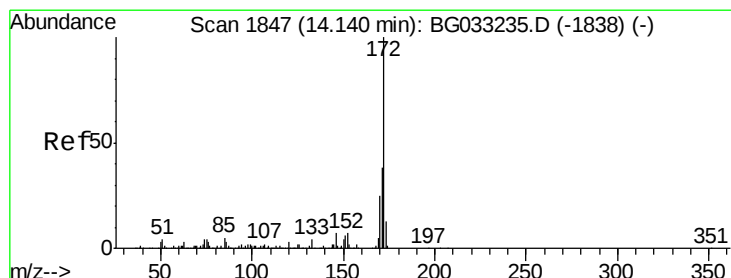
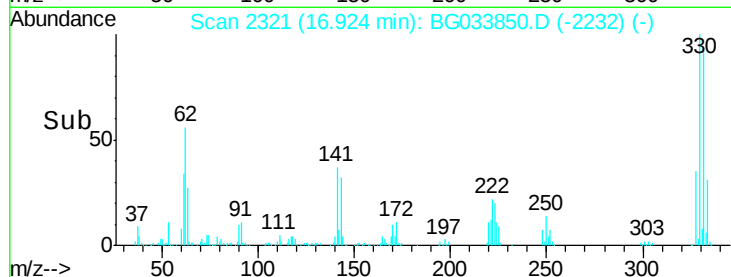
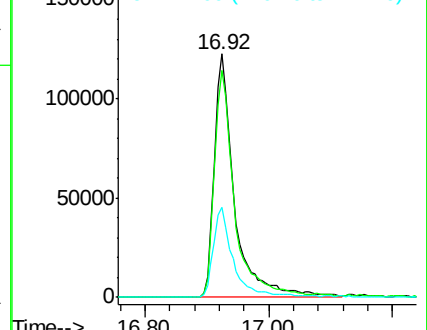
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 89.741 ng

RT: 14.07 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

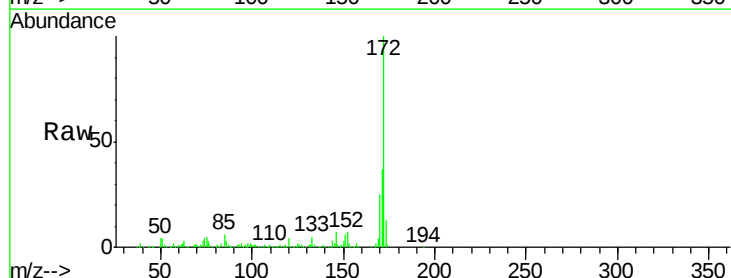
Tgt Ion:172 Resp: 750524

Ion Ratio Lower Upper

172 100

171 36.6 30.0 45.0

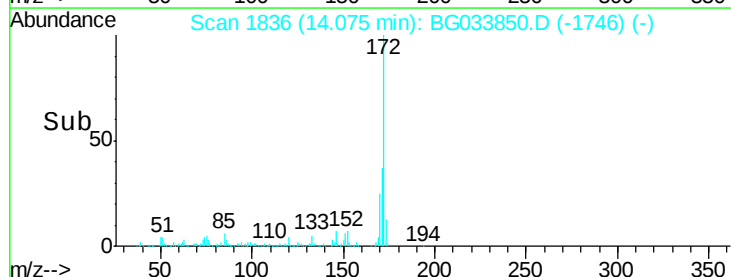
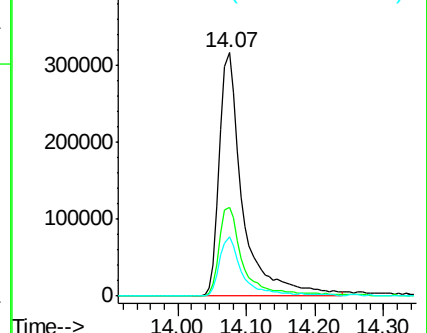
170 24.6 19.5 29.3

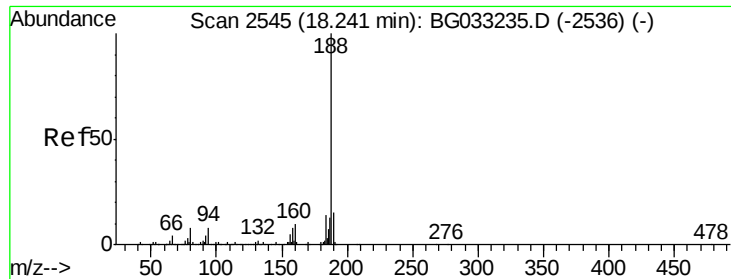


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.18 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

Instrument :

BNA_G

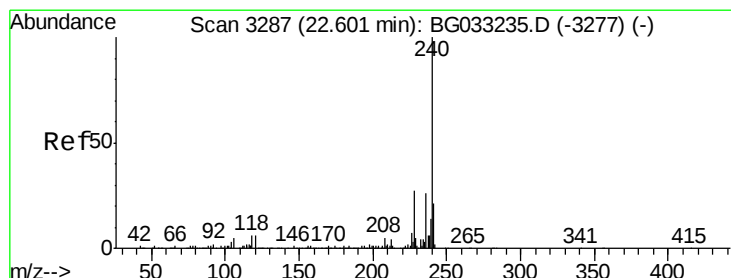
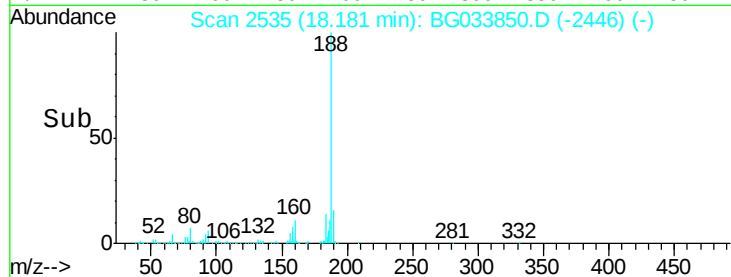
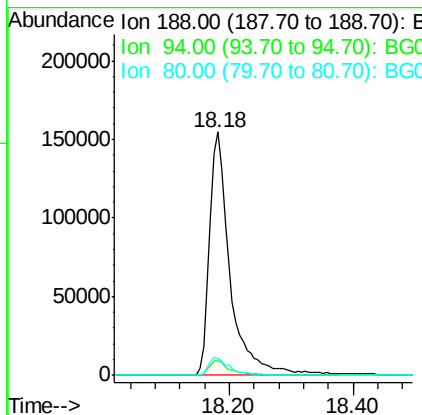
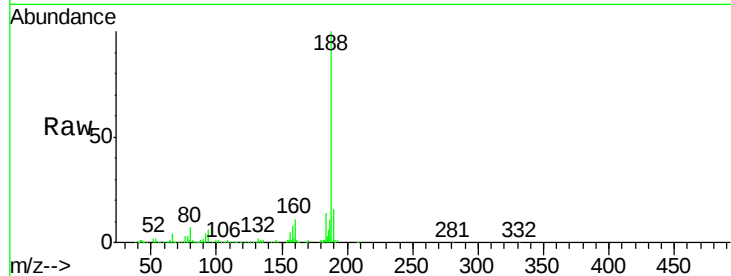
ClientSampleId :

CG-RO-721194

Tot Ion:	188	Resp:	354785
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	6.8	7.7	11.5#

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#75

Chrysene-d12

Concen: 20.000 ng

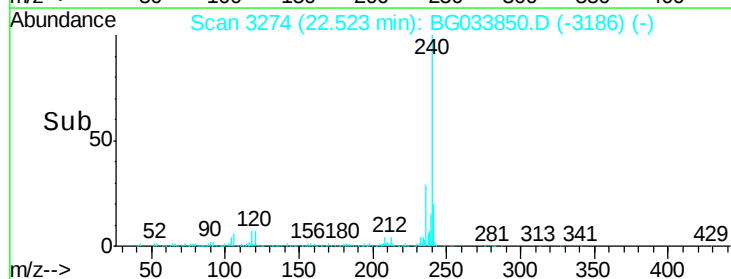
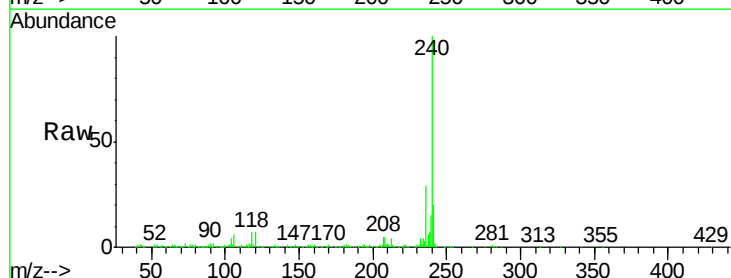
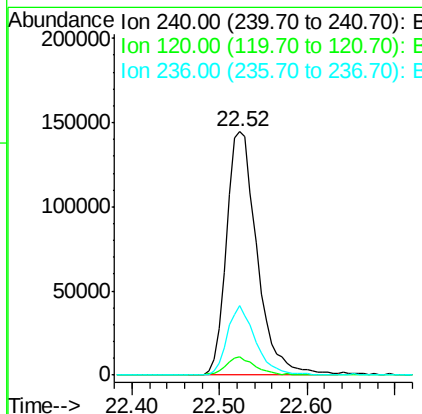
RT: 22.52 min Scan# 3274

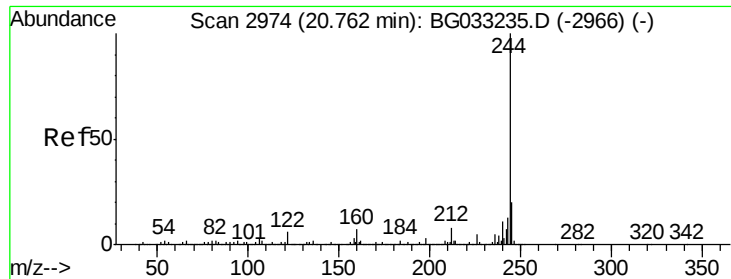
Delta R.T. -0.02 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

Tgt Ion:	240	Resp:	344741
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.8	10.2
236	28.7	20.9	31.3





#78

Terphenyl-d14

Concen: 95.580 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

Instrument :

BNA_G

ClientSampleId :

CG-RO-721194

Tot Ion:244 Resp: 1540744

Ion Ratio Lower Upper

244 100

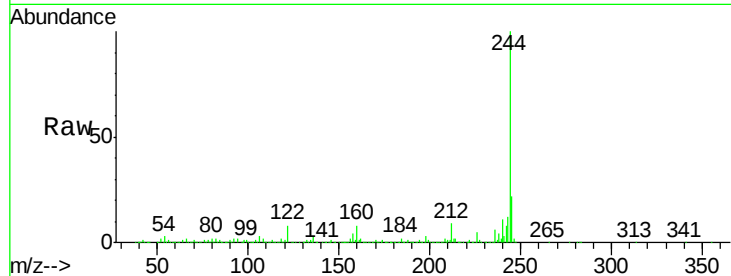
212 8.7 5.8 8.8

122 7.8 7.0 10.4

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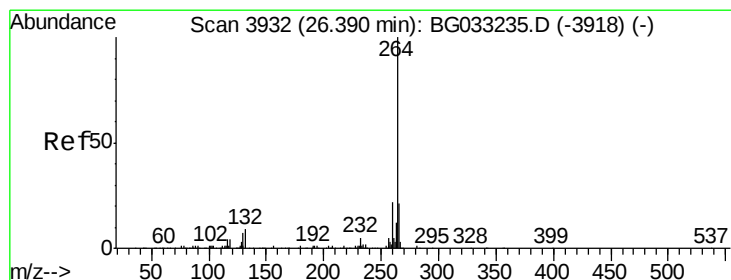
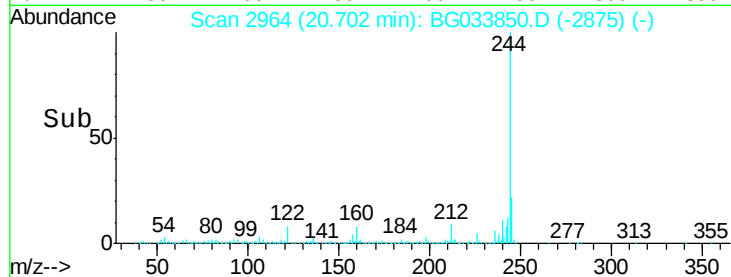
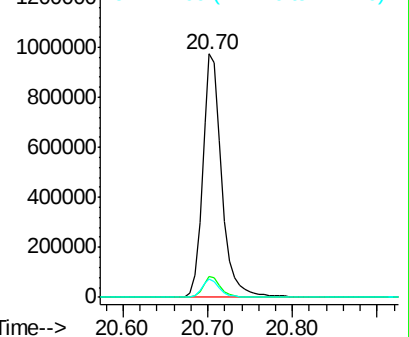
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.27 min Scan# 3911

Delta R.T. -0.04 min

Lab File: BG033850.D

Acq: 17 Apr 2018 18:28

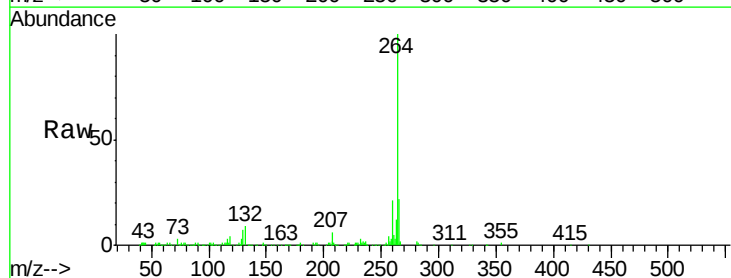
Tgt Ion:264 Resp: 369221

Ion Ratio Lower Upper

264 100

260 20.6 17.4 26.0

265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

