

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033584.D
 Acq On : 5 Apr 2018 7:34
 Operator : SJ/JU
 Sample : J2197-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Manual Integrations
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Sohil
 4/5/2018 5:04:01 PM

Quant Time: Apr 05 11:18:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27779	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	132122	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	108495	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	297514	20.00	ng	0.00
75) Chrysene-d12	22.56	240	301738	20.00	ng	0.00
86) Perylene-d12	26.33	264	286339m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	239231	161.48	ng	0.00
7) Phenol-d6	7.97	99	338493	132.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	288585	100.35	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	218823	134.85	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	697012	92.74	ng	0.00
78) Terphenyl-d14	20.73	244	1467112	103.98	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	43567m	6.363	ng	Qvalue

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

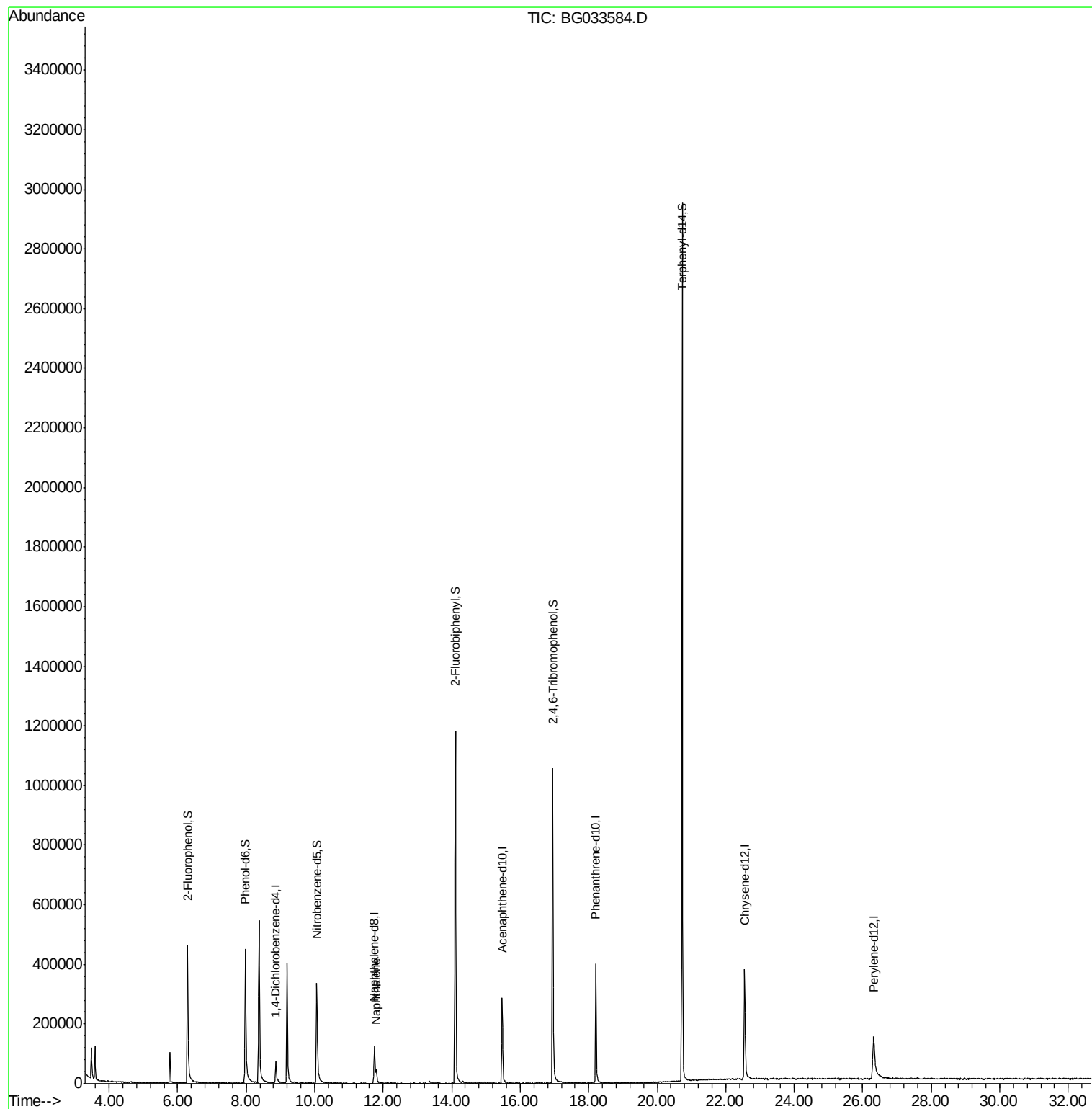
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033584.D
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Sample : J2197-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

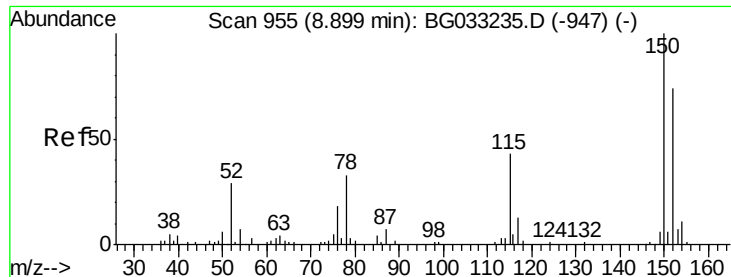
Instrument :
BNA_G
ClientSampleId :
SP

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Quant Time: Apr 05 11:18:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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#1

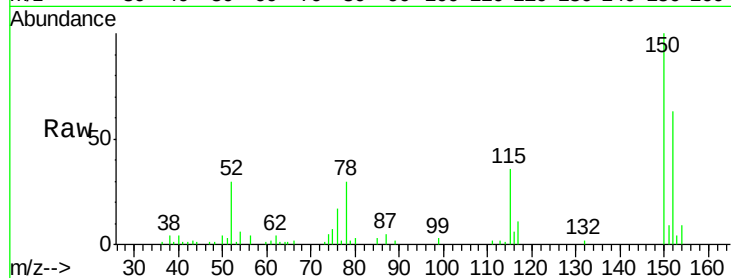
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	57.4	53.0	79.4

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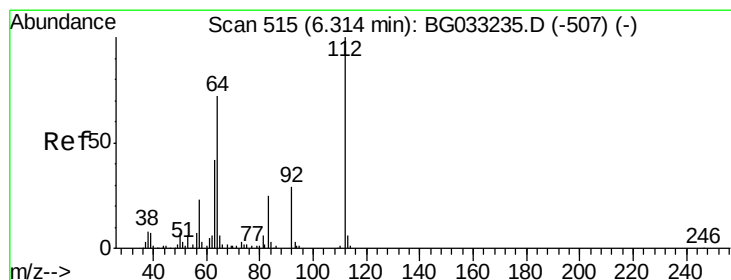
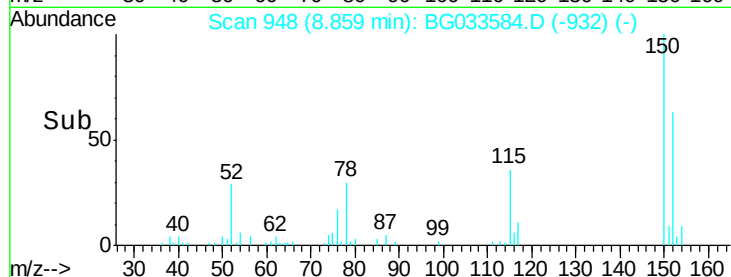
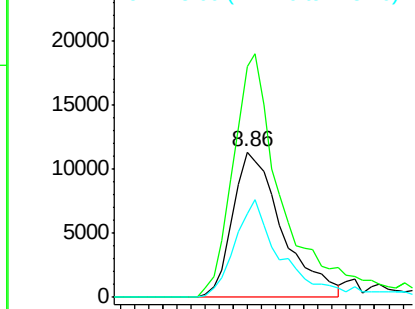


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

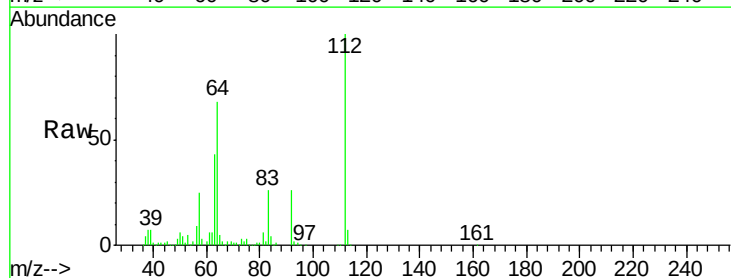
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 161.484 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	56.3	84.5
63	42.9	30.1	45.1

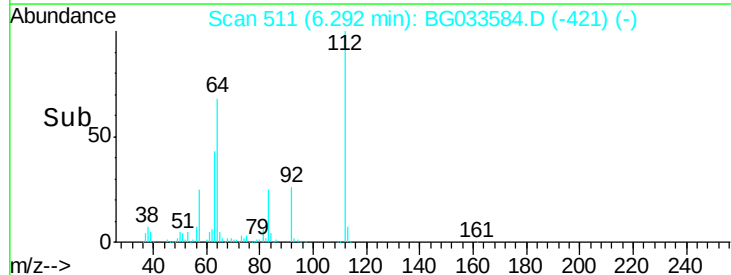
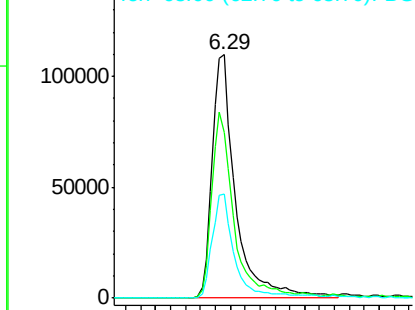


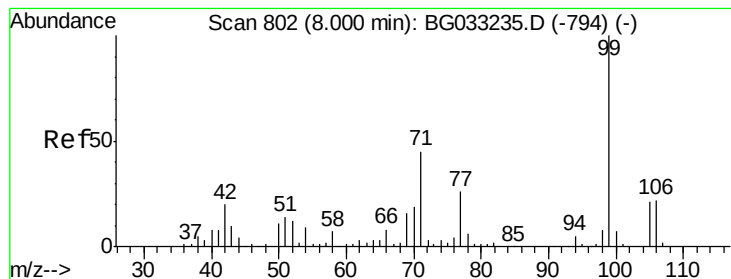
Abundance

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: 132.980 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033584.D

Acq: 5 Apr 2018 7:34

Instrument :

BNA_G

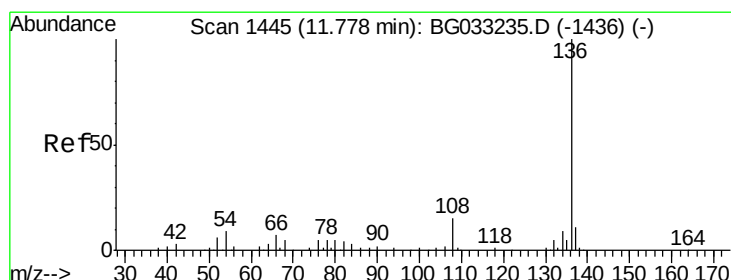
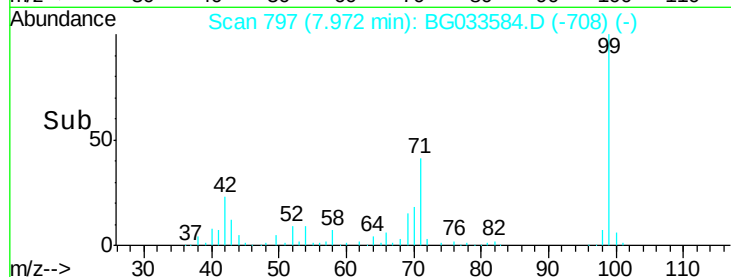
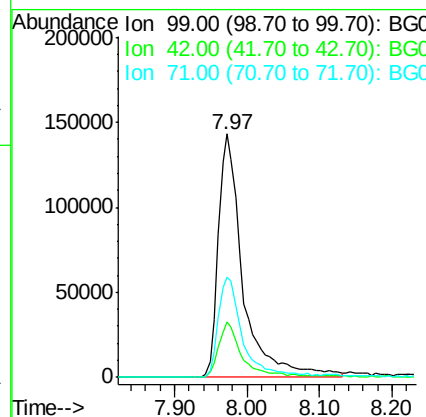
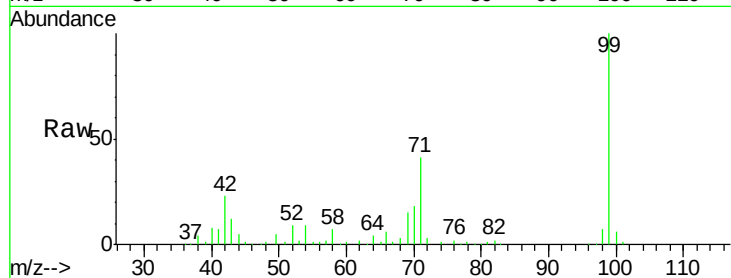
ClientSampled :

SP

Tot Ion:	99	Resp:	338493
Ion Ratio	Lower	Upper	
99	100		
42	22.5	14.1	21.1#
71	41.3	26.1	39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

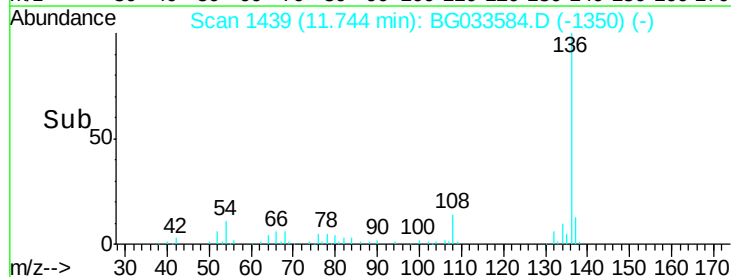
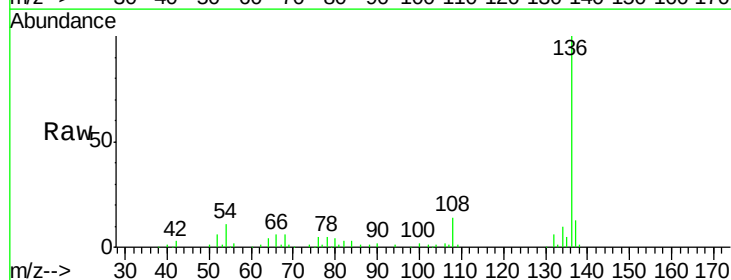
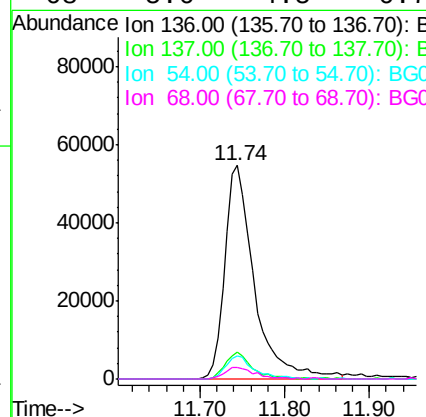
RT: 11.74 min Scan# 1439

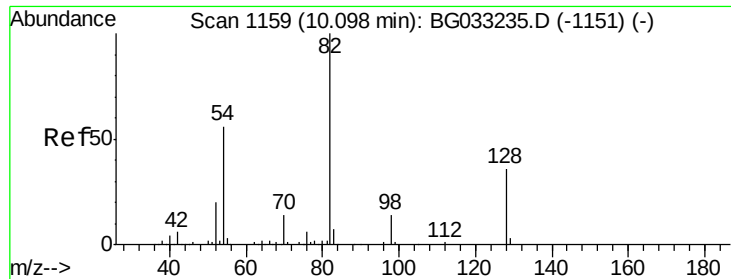
Delta R.T. -0.01 min

Lab File: BG033584.D

Acq: 5 Apr 2018 7:34

Tgt Ion:	136	Resp:	132122
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.2	13.8
54	10.9	10.3	15.5
68	5.6	4.5	6.7





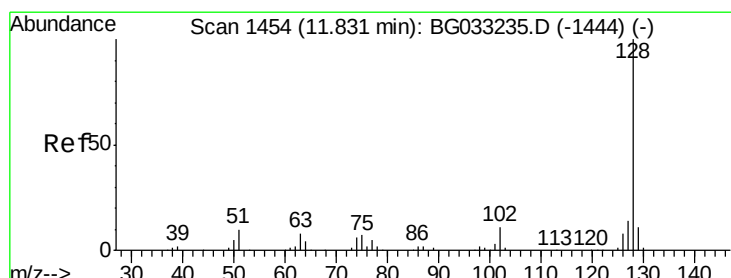
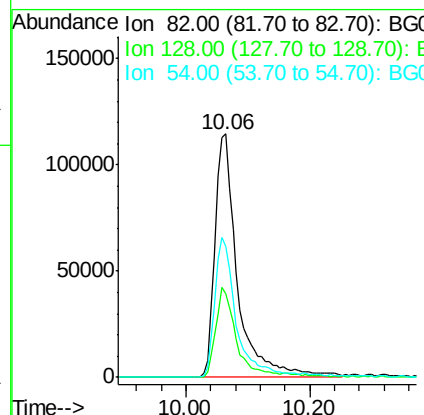
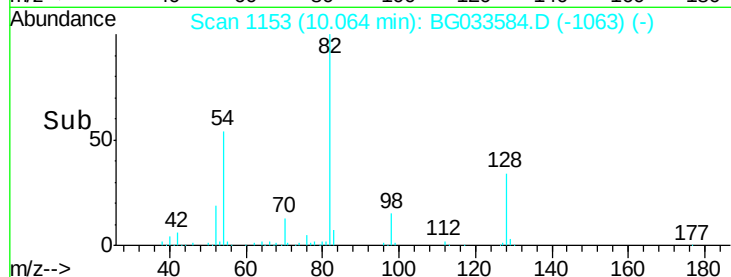
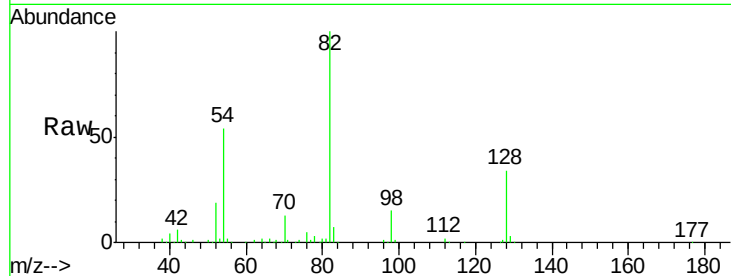
#23
Nitrobenzene-d5
Concen: 100.352 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion	82	Resp	288585
Ion Ratio	100	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	54.0	43.1	64.7

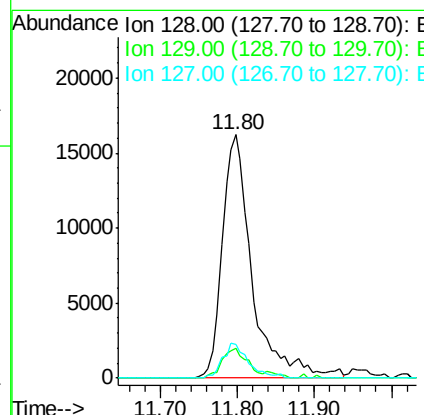
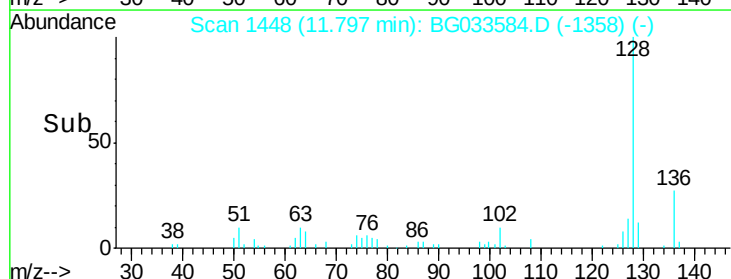
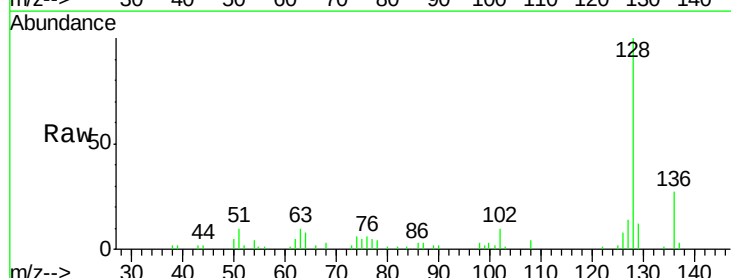
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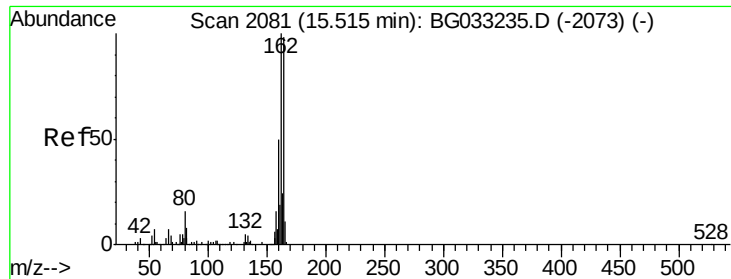
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#31
Naphthalene
Concen: 6.363 ng m
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tgt Ion	128	Resp	43567
Ion Ratio	100	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	13.6	11.6	17.4





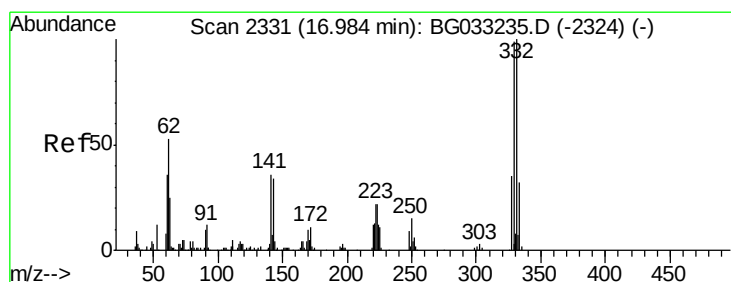
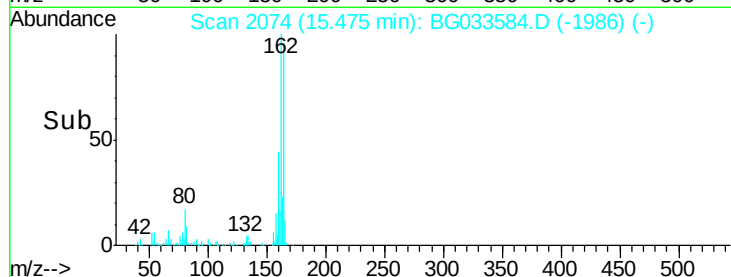
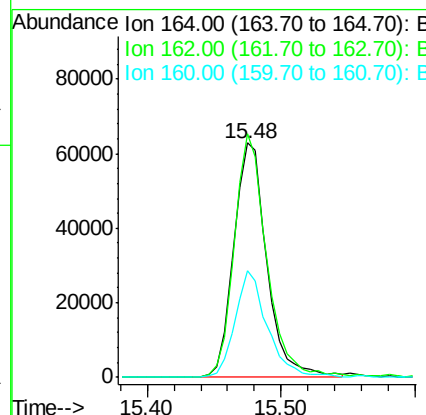
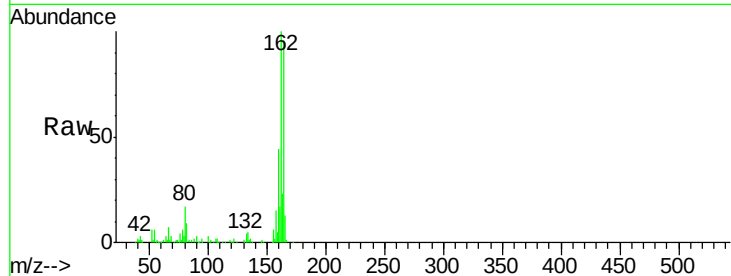
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	45.5	35.4	53.0

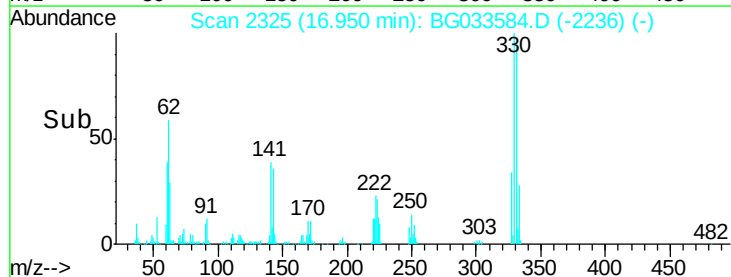
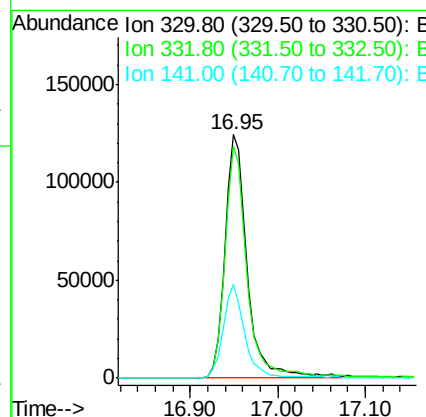
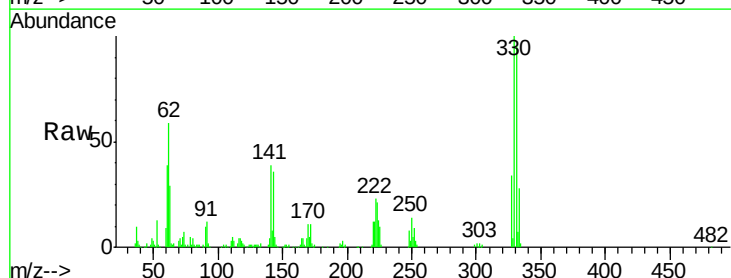
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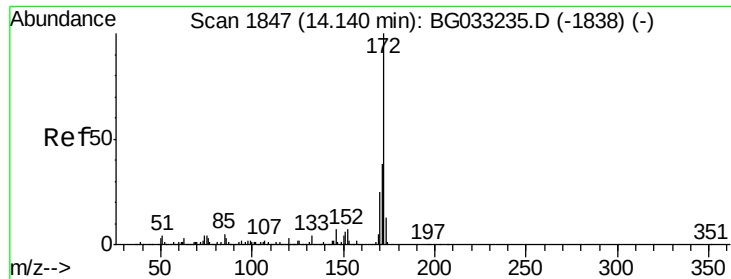
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#41
2,4,6-Tribromophenol
Concen: 134.854 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	37.7	25.2	37.8





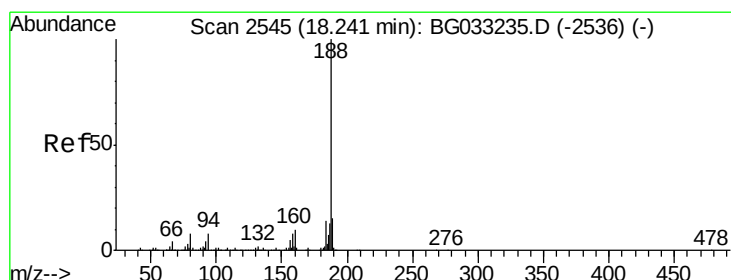
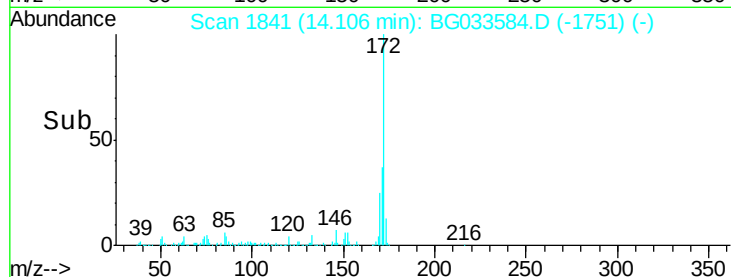
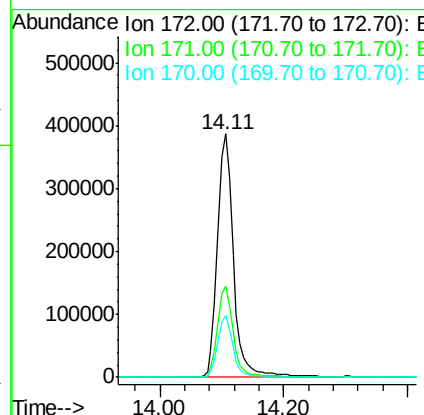
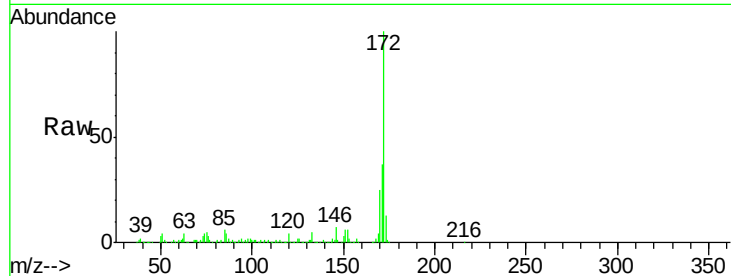
#44
2-Fluorobiphenyl
Concen: 92.744 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.5	19.5	29.3

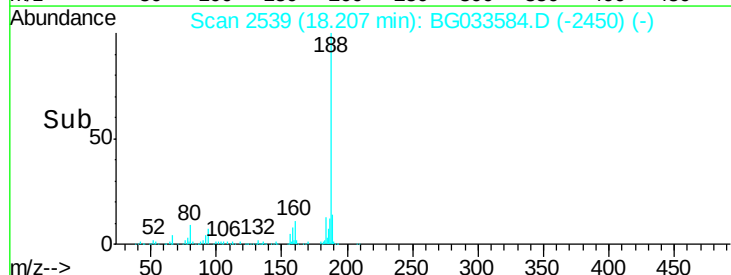
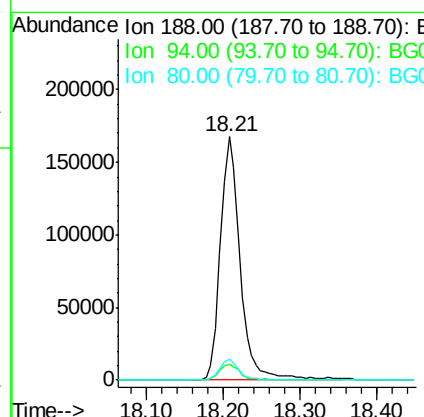
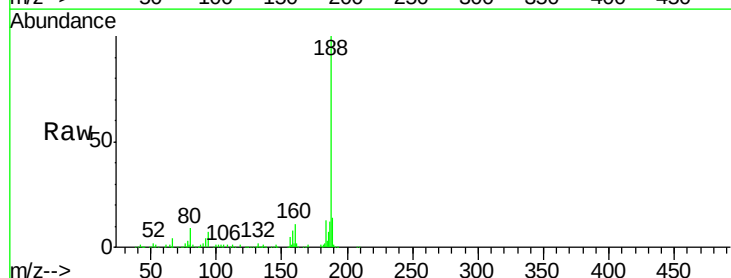
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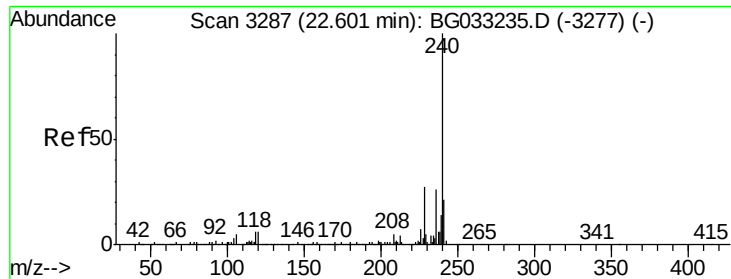
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	8.8	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033584.D

Acq: 5 Apr 2018 7:34

Instrument :

BNA_G

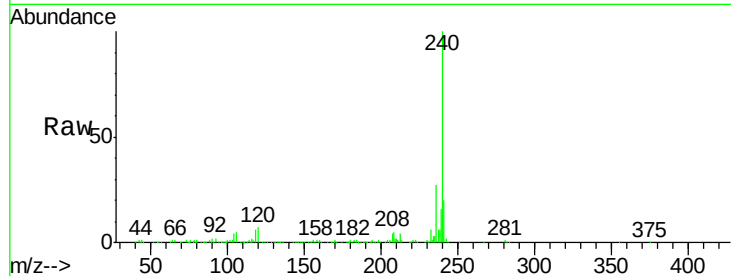
ClientSampled :

SP

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	27.0	20.9	31.3

Manual Integrations
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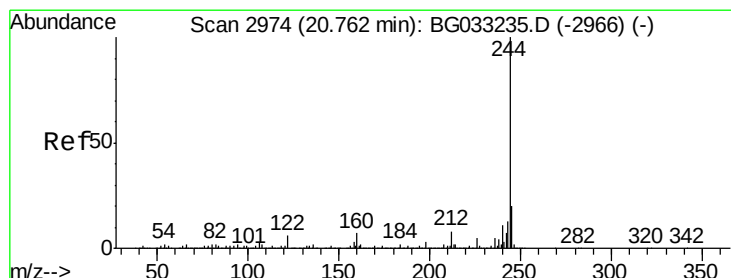
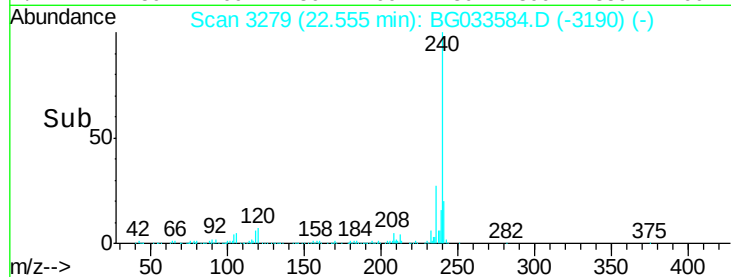
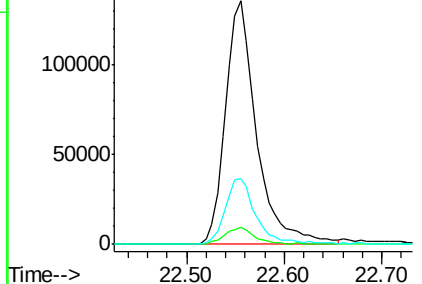
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 103.983 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033584.D

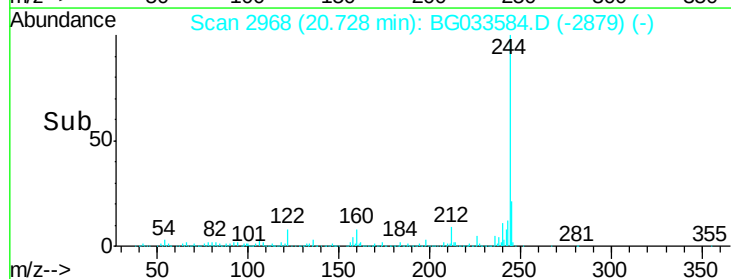
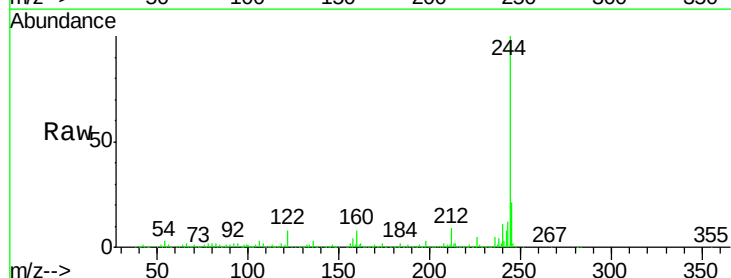
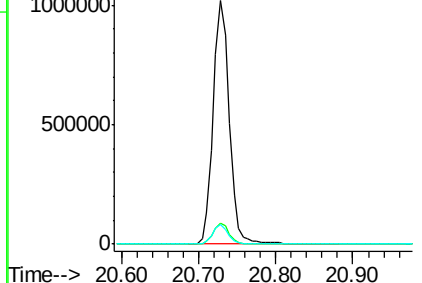
Acq: 5 Apr 2018 7:34

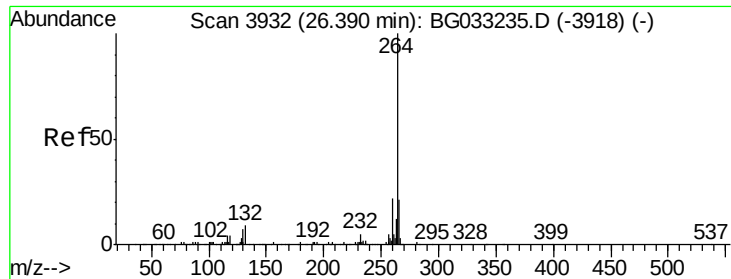
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.9	7.0	10.4

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/ml
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033584.D
 Acq: 5 Apr 2018 7:34

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tot Ion:	264	Resp:	286339
Ion Ratio	Lower	Upper	
264	100		
260	22.6	17.4	26.0
265	22.5	17.7	26.5

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