

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034052.D
 Acq On : 27 Apr 2018 23:19
 Operator : SJ/JU
 Sample : J2549-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-A

Manual Integrations
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Sohil
 4/30/2018 7:03:01 PM

Quant Time: Apr 28 02:01:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	50947m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	207367	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	160519	20.00	ng	-0.08
63) Phenanthrene-d10	17.14	188	462117	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	552766	20.00	ng	-0.10
86) Perylene-d12	24.39	264	535435	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	372913	116.86	ng	-0.08
7) Phenol-d6	6.94	99	440254	94.59	ng	-0.06
23) Nitrobenzene-d5	8.91	82	296236	81.30	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	326641	174.42	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1076725	98.54	ng	-0.09
78) Terphenyl-d14	19.78	244	2380629	96.76	ng	-0.08

Target Compounds Qvalue

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

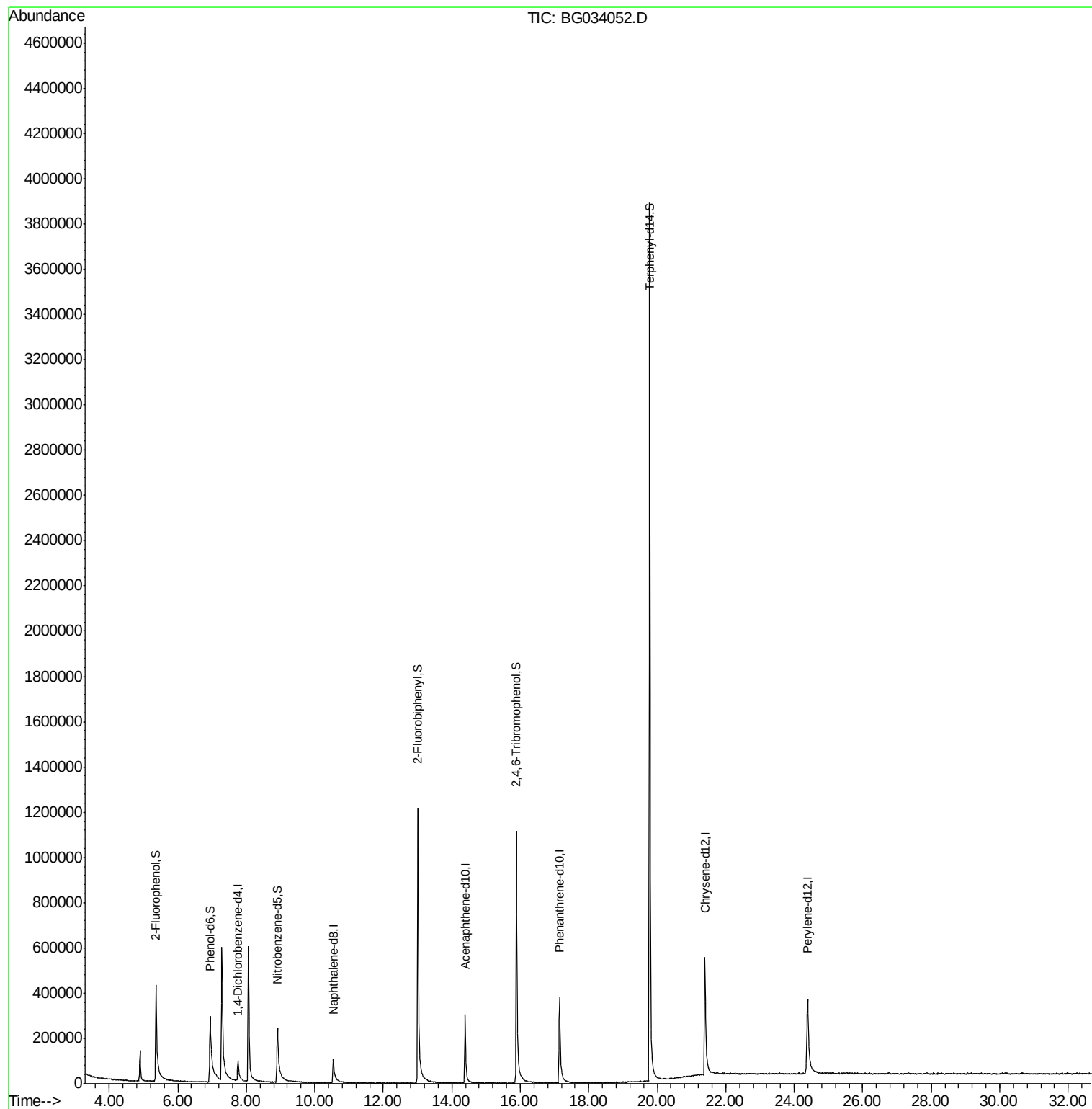
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034052.D
Acq On : 27 Apr 2018 23:19
Operator : SJ/JU
Sample : J2549-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

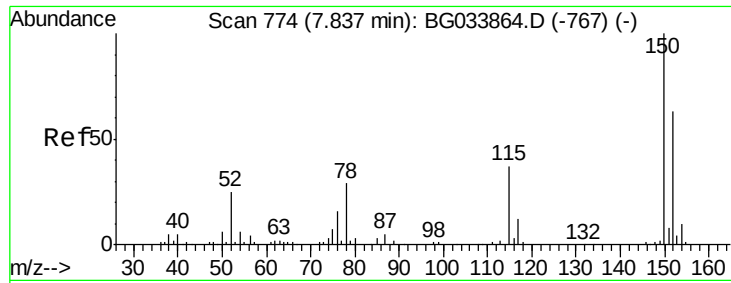
Instrument :
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#1

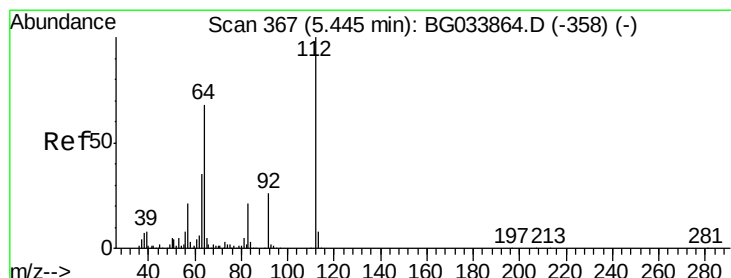
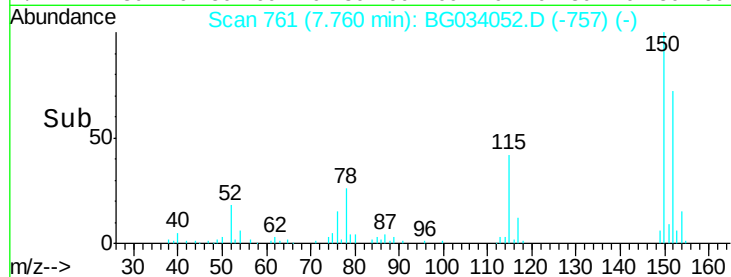
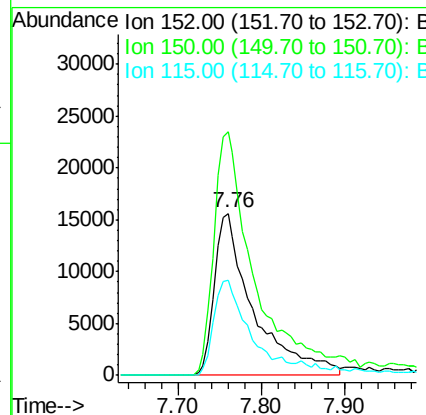
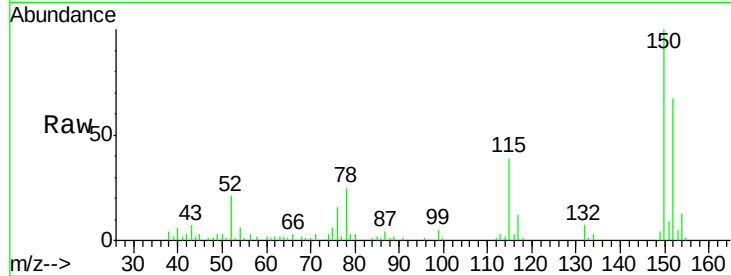
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034052.D
Acq: 27 Apr 2018 23:19

Instrument :
BNA_G
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	126.6	189.8
115	58.9	53.0	79.4

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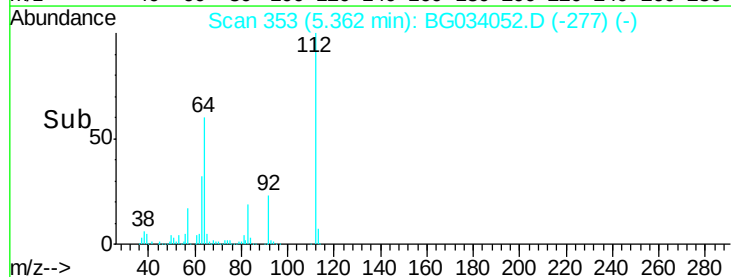
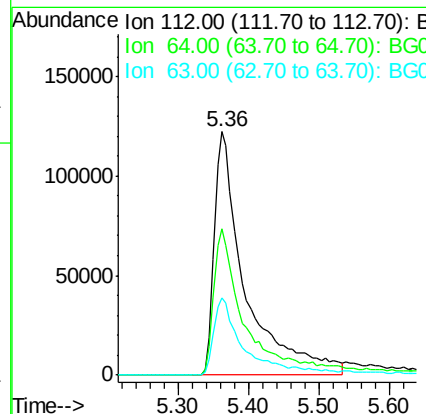
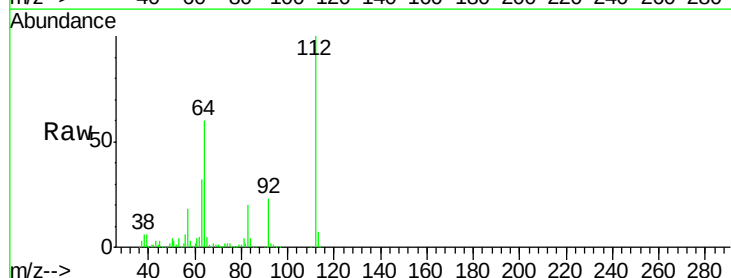
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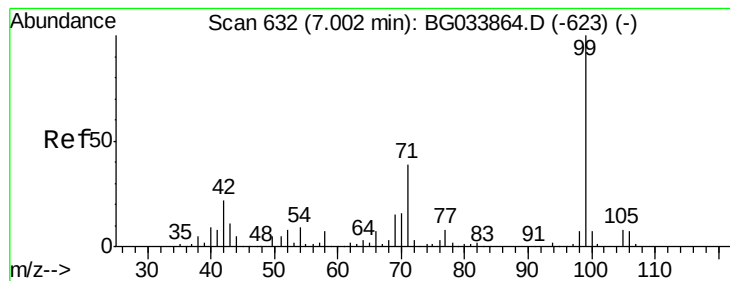


#5

2-Fluorophenol
Concen: 116.860 ng/ml
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034052.D
Acq: 27 Apr 2018 23:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	31.7	30.1	45.1





#7

Phenol-d6

Concen: 94.589 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034052.D

Acq: 27 Apr 2018 23:19

Instrument :

BNA_G

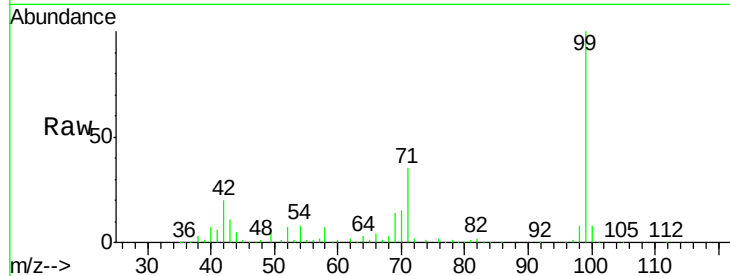
ClientSampled :

SP-A

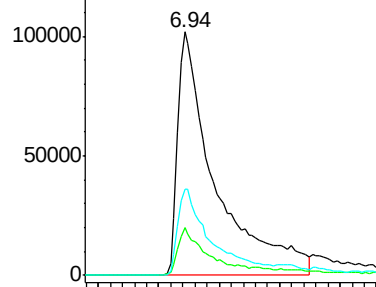
Tot Ion:	99	Resp:	440254
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.1	21.1
71	35.2	26.1	39.1

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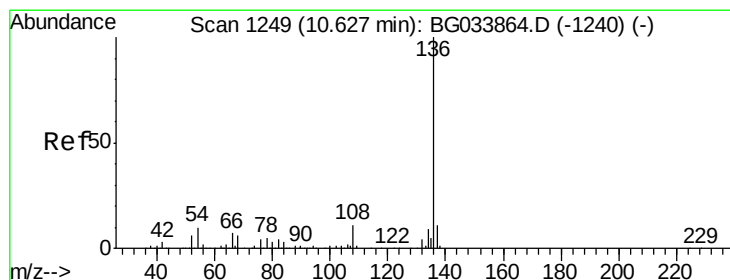
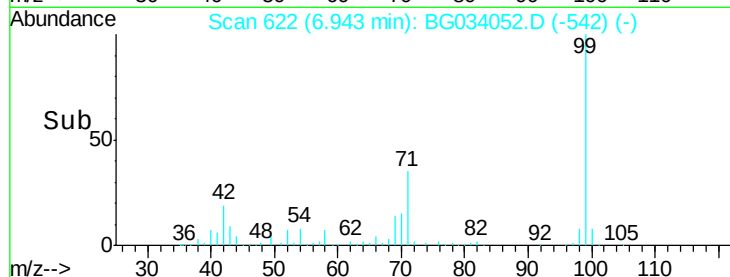
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time--> 6.80 6.90 7.00 7.10 7.20



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1234

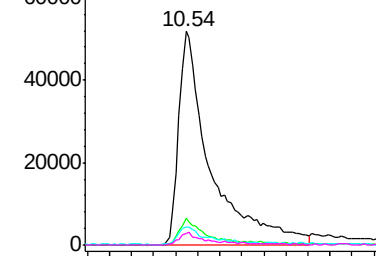
Delta R.T. -0.09 min

Lab File: BG034052.D

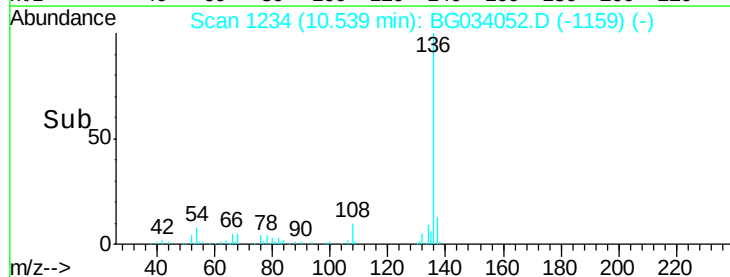
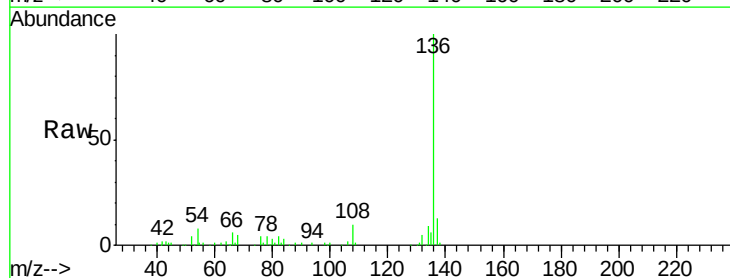
Acq: 27 Apr 2018 23:19

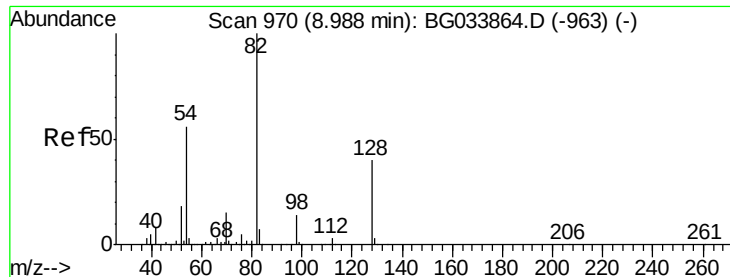
Tgt Ion:	136	Resp:	207367
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.2	13.8
54	8.9	10.3	15.5#
68	5.3	4.5	6.7

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



Time--> 10.40 10.60 10.80





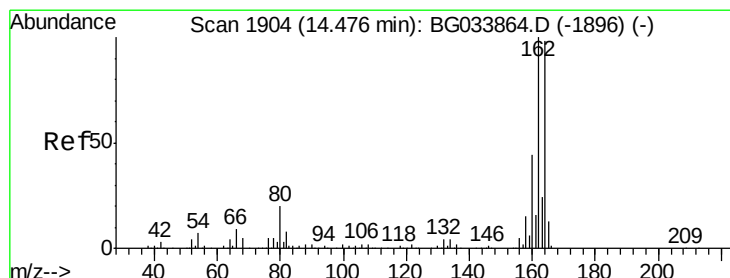
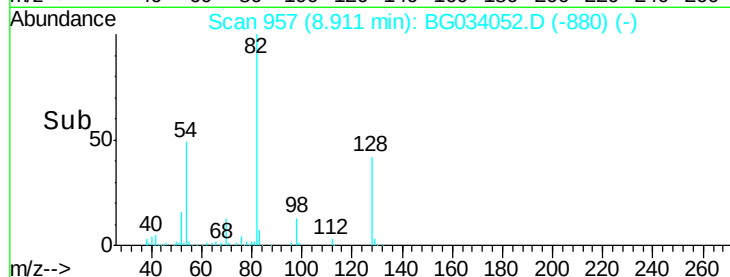
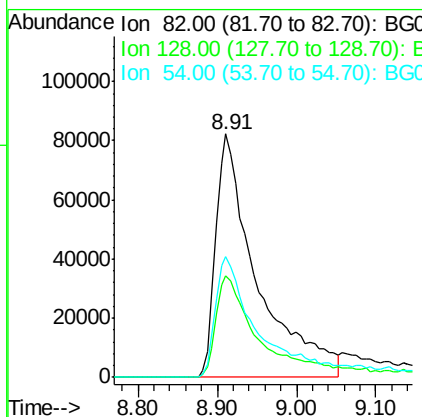
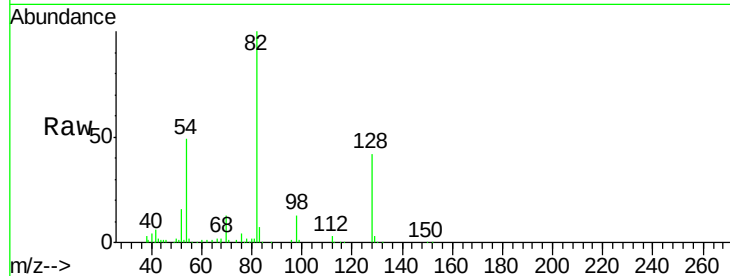
#23
 Nitrobenzene-d5
 Concen: 81.299 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.08 min
 Lab File: BG034052.D
 Acq: 27 Apr 2018 23:19

Instrument :
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 ClientSampled :
 SP-A

Tot Ion:	82	Resp:	296236
Ion Ratio	Lower	Upper	
82	100		
128	41.7	29.7	44.5
54	49.4	43.1	64.7

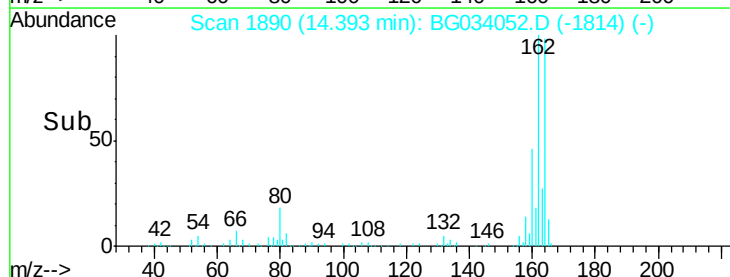
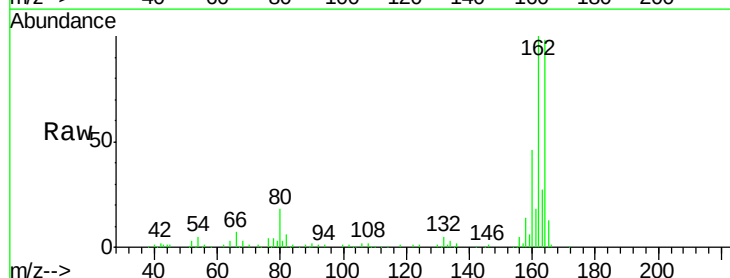
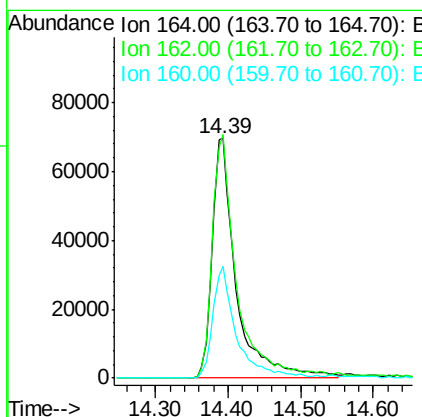
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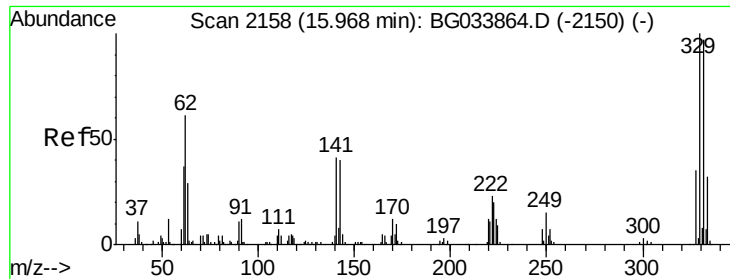
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1890
 Delta R.T. -0.08 min
 Lab File: BG034052.D
 Acq: 27 Apr 2018 23:19

Tgt Ion:	164	Resp:	160519
Ion Ratio	Lower	Upper	
164	100		
162	101.8	78.8	118.2
160	46.6	35.4	53.0





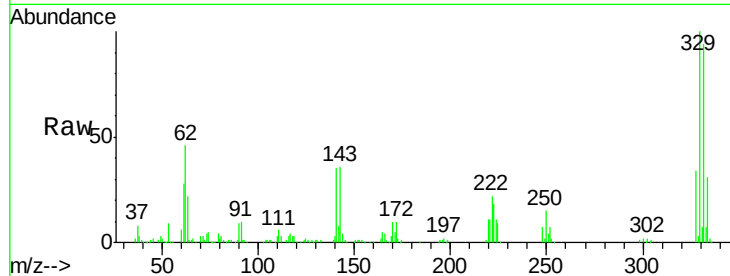
#41
 2,4,6-Tribromophenol
 Concen: 174.421 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.08 min
 Lab File: BG034052.D
 Acq: 27 Apr 2018 23:19

Instrument :
 BNA_G
 ClientSampled :
 SP-A

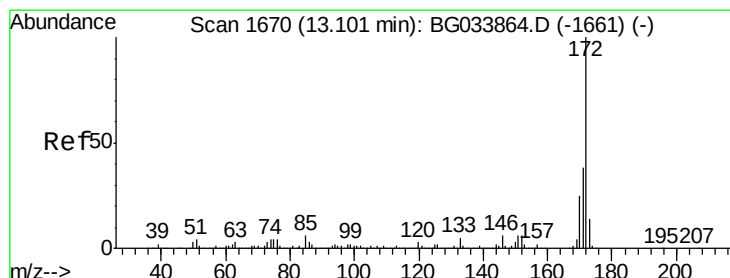
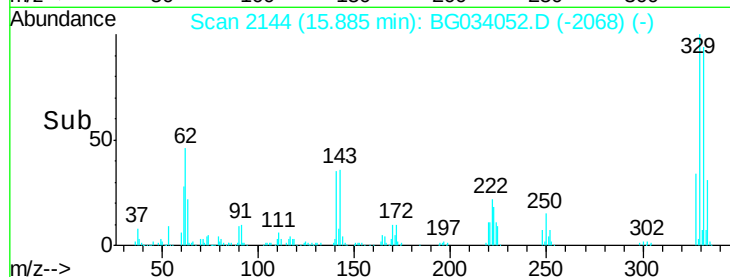
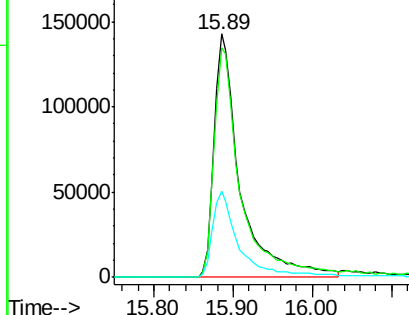
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.1	25.2	37.8

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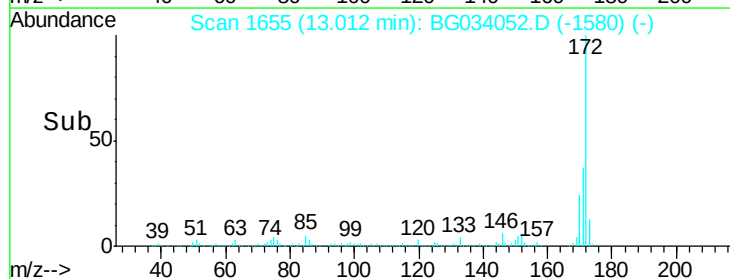
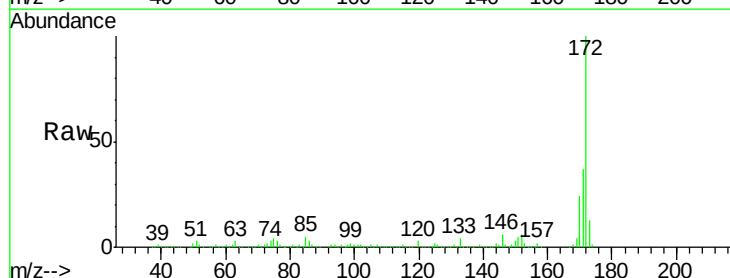
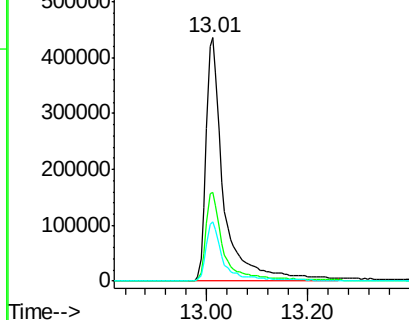
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

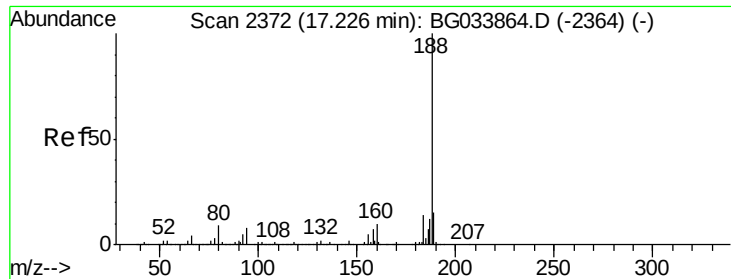


#44
 2-Fluorobiphenyl
 Concen: 98.539 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034052.D
 Acq: 27 Apr 2018 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.4	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: 17.14 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034052.D

Acq: 27 Apr 2018 23:19

Instrument :

BNA_G

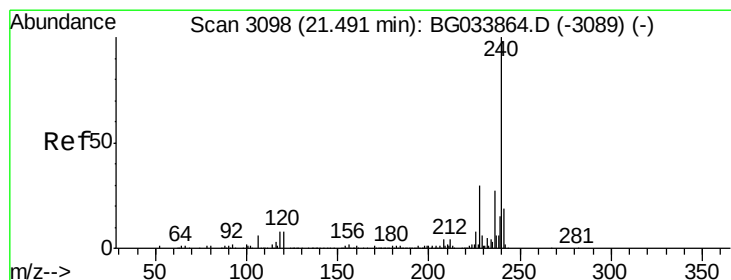
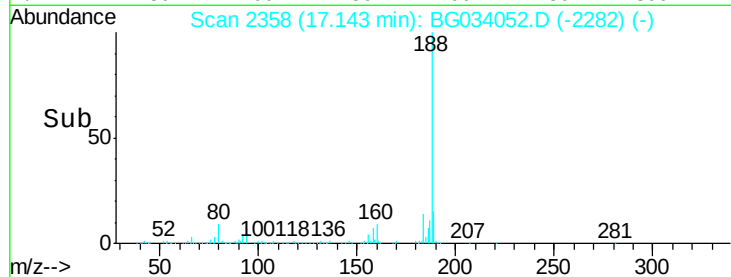
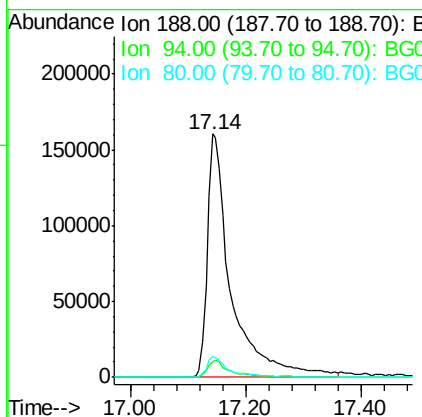
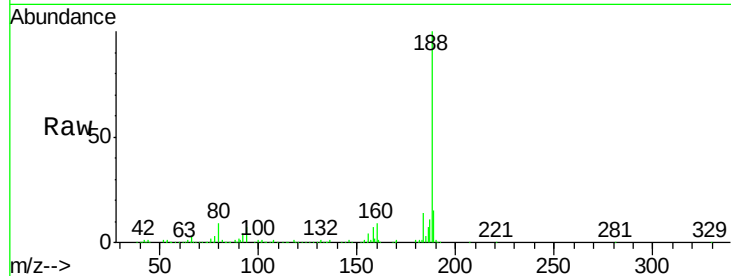
ClientSampleId :

SP-A

Tot Ion:	188	Resp:	462117
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.9	10.3#
80	8.6	7.7	11.5

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#75

Chrysene-d12

Concen: 20.000 ng

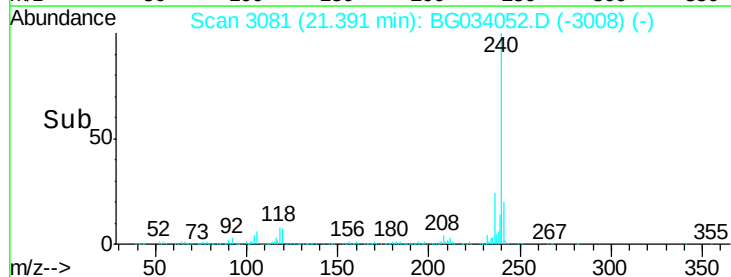
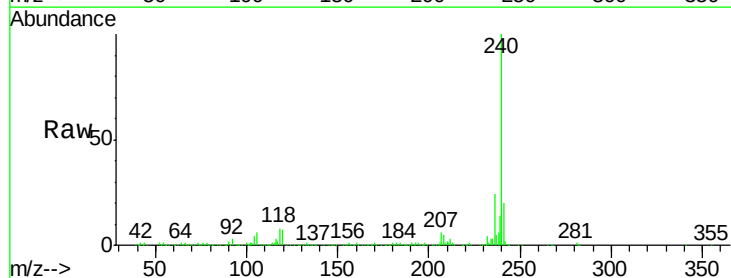
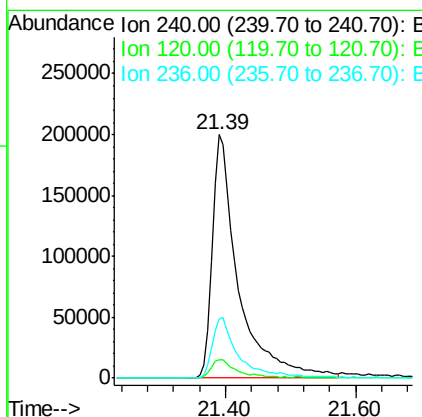
RT: 21.39 min Scan# 3081

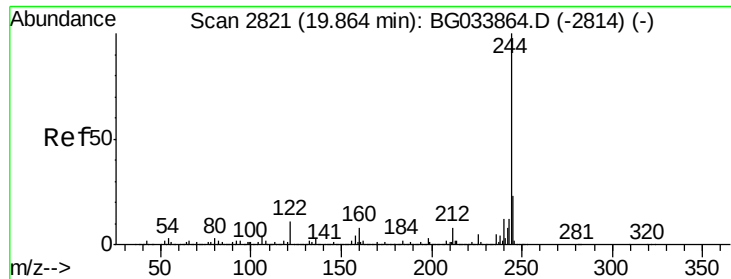
Delta R.T. -0.10 min

Lab File: BG034052.D

Acq: 27 Apr 2018 23:19

Tgt Ion:	240	Resp:	552766
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.8	10.2
236	24.3	20.9	31.3





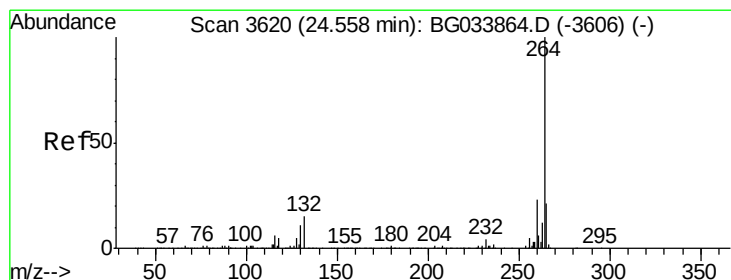
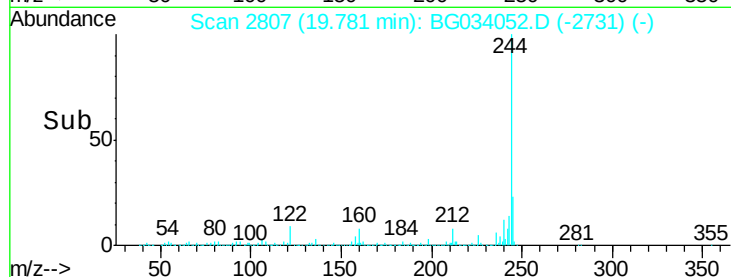
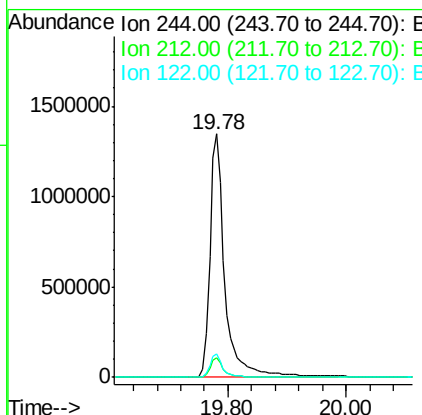
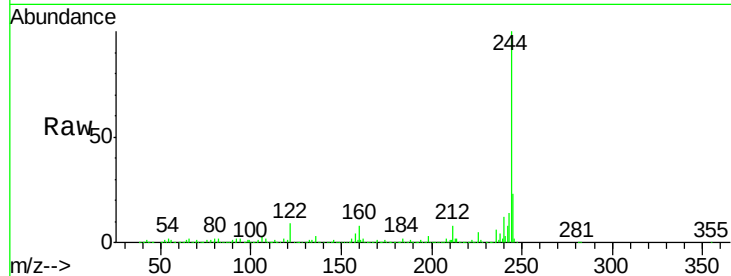
#78
 Terphenyl-d14
 Concen: 96.756 ng
 RT: 19.78 min Scan# 2807
 Delta R.T. -0.08 min
 Lab File: BG034052.D
 Acq: 27 Apr 2018 23:19

Instrument :
 BNA_G
 ClientSampleId :
 SP-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.5	7.0	10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3591
 Delta R.T. -0.17 min
 Lab File: BG034052.D
 Acq: 27 Apr 2018 23:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.2	17.7	26.5

