

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034045.D
 Acq On : 27 Apr 2018 18:53
 Operator : SJ/JU
 Sample : J2161-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-042518-A

Manual Integrations
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 4/30/2018 7:02:41 PM

Quant Time: Apr 28 01:44:00 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	7.75	152	53412m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	210175	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	170098	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	479181	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	549178	20.00	ng	-0.10
86) Perylene-d12	24.39	264	531952	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	392882	117.44	ng	-0.08
7) Phenol-d6	6.94	99	442392	90.66	ng	-0.06
23) Nitrobenzene-d5	8.91	82	339563	91.94	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	325129	163.84	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1103717	95.32	ng	-0.09
78) Terphenyl-d14	19.78	244	2467477	100.94	ng	-0.08
Target Compounds						
31) Naphthalene	10.59	128	50601	4.682	ng	Qvalue 97

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

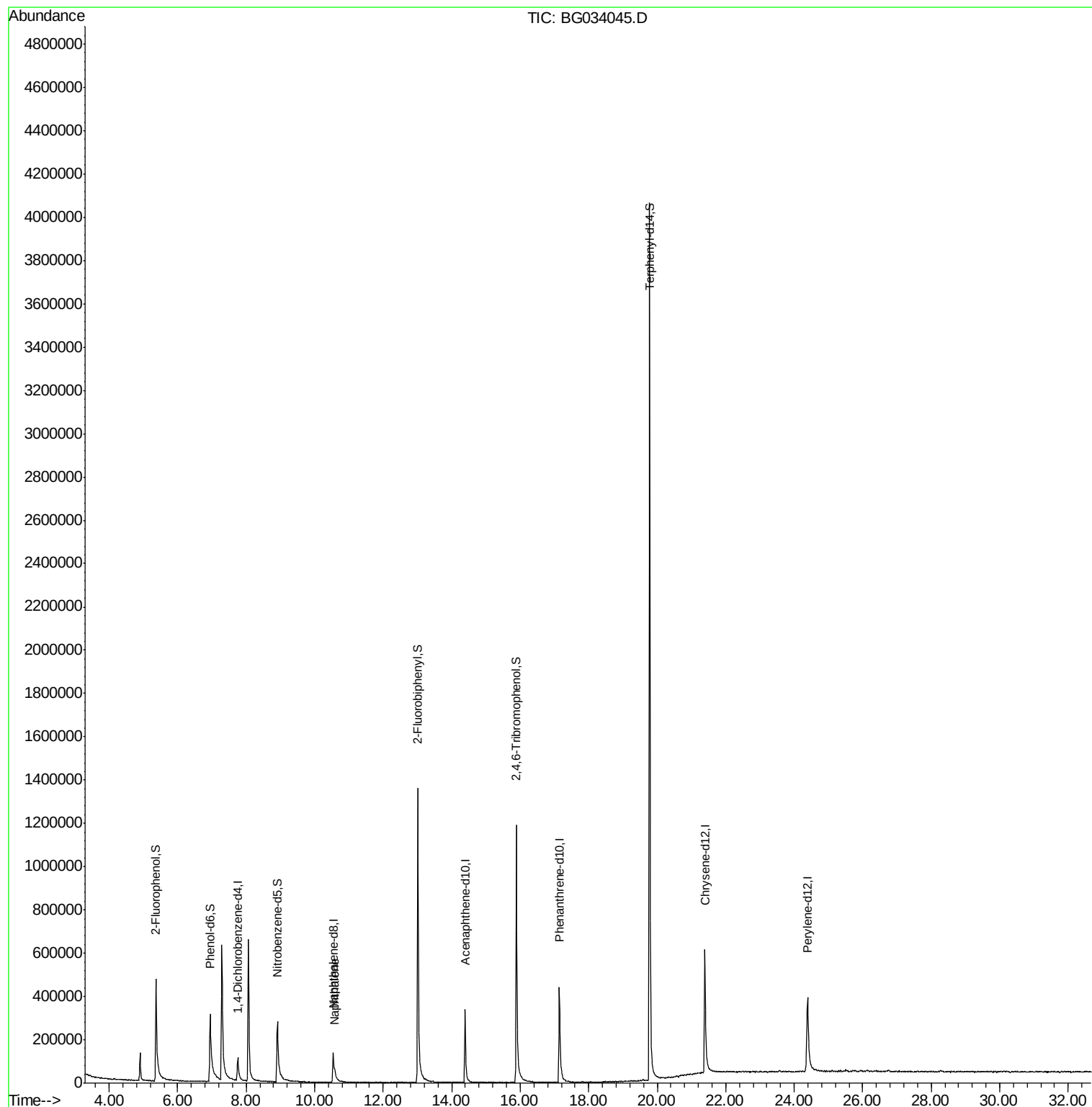
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034045.D
Acq On : 27 Apr 2018 18:53
Operator : SJ/JU
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ALS Vial : 9 Sample Multiplier: 1

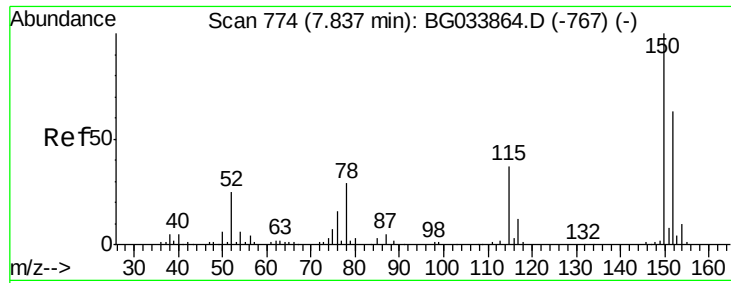
Instrument :
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OR-01-042518-A

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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#1

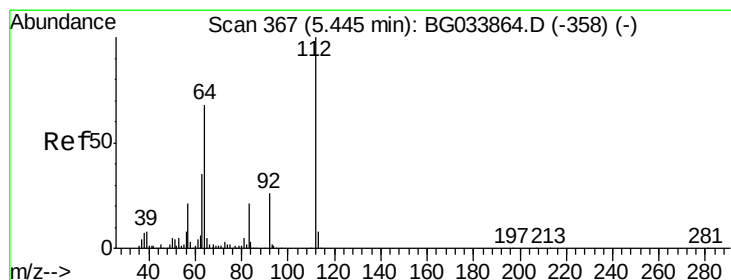
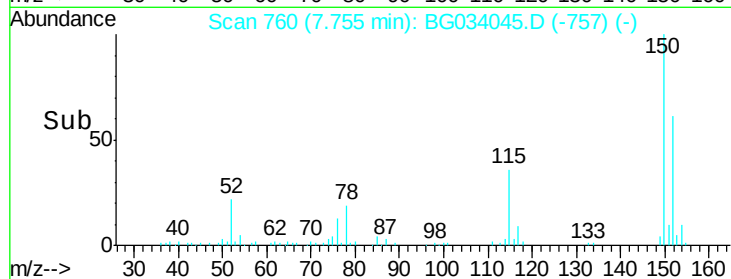
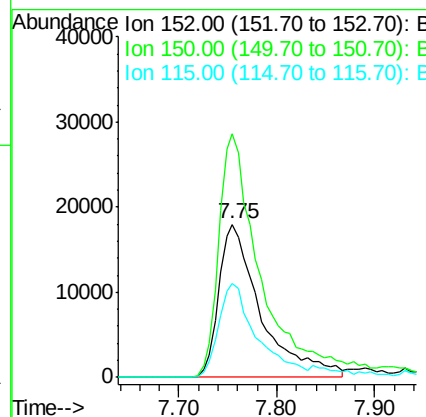
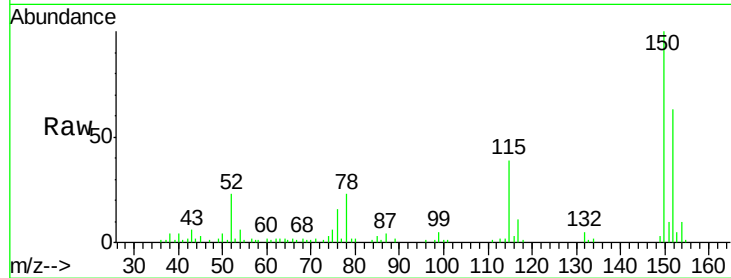
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.75 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034045.D
Acq: 27 Apr 2018 18:53

Instrument :
BNA_G
ClientSampleId :
OR-01-042518-A

Tot Ion:	152	Resp:	53412
Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.6	189.8
115	61.8	53.0	79.4

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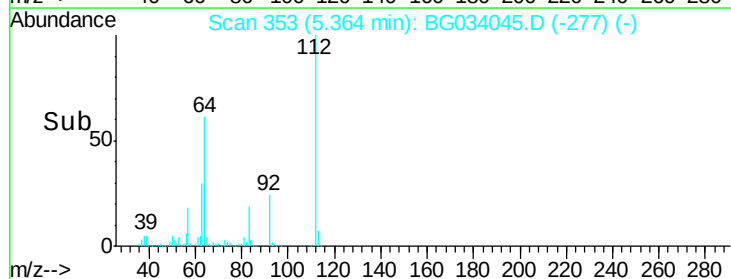
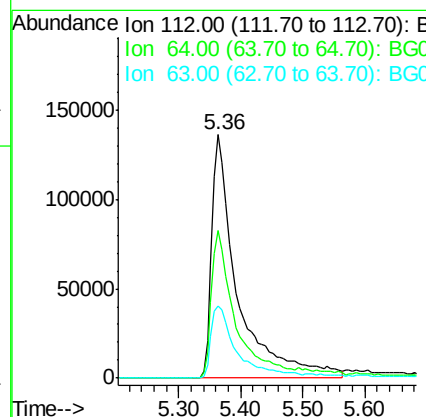
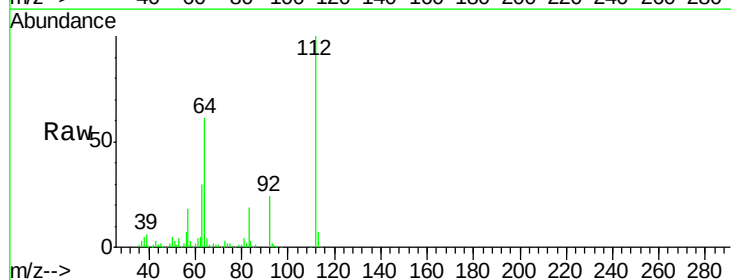
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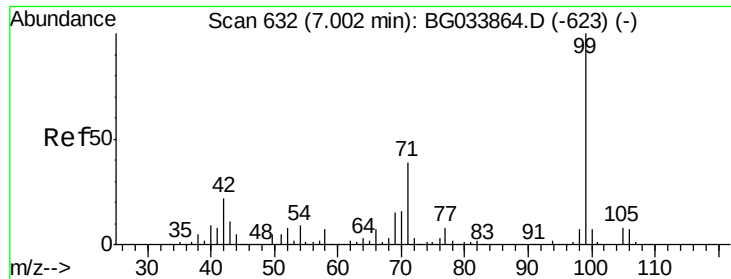


#5

2-Fluorophenol
Concen: 117.436 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034045.D
Acq: 27 Apr 2018 18:53

Tgt Ion:	112	Resp:	392882
Ion	Ratio	Lower	Upper
112	100		
64	60.6	56.3	84.5
63	29.8	30.1	45.1#





#7

Phenol-d6

Concen: 90.661 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034045.D

Acq: 27 Apr 2018 18:53

Instrument :

BNA_G

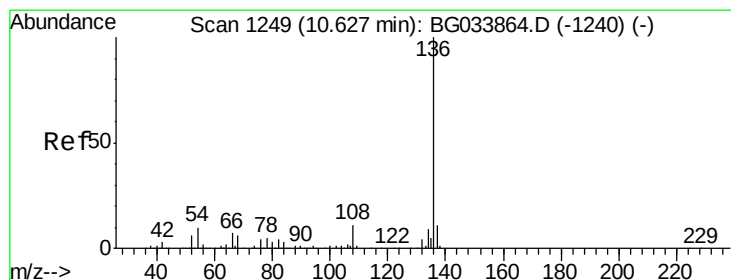
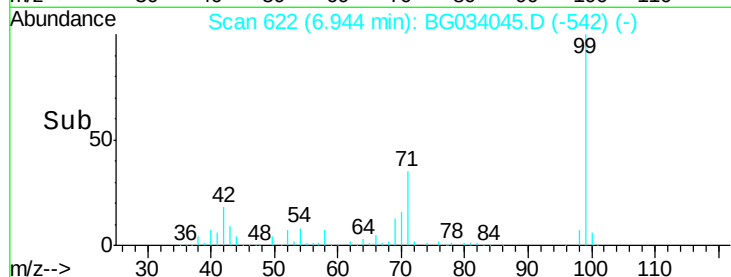
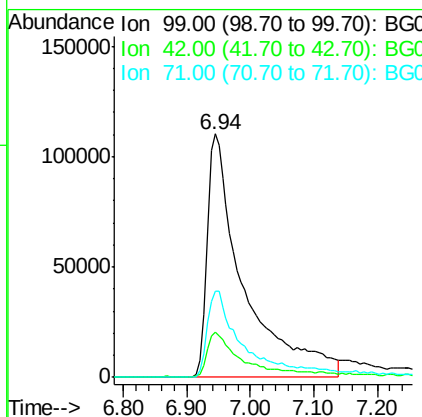
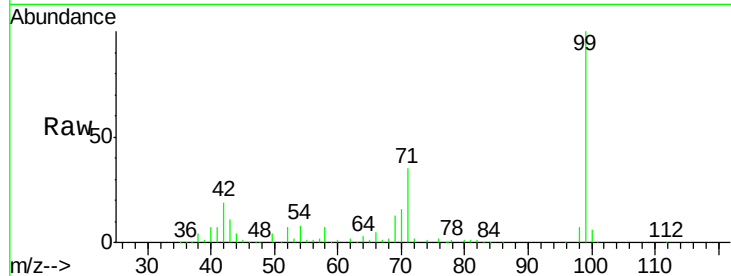
ClientSampleId :

OR-01-042518-A

Tot Ion:	99	Resp:	442392
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.1	21.1
71	35.3	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

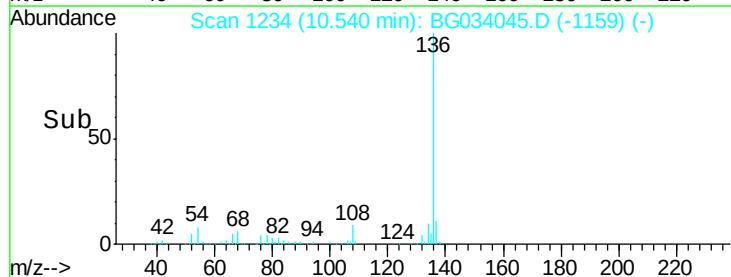
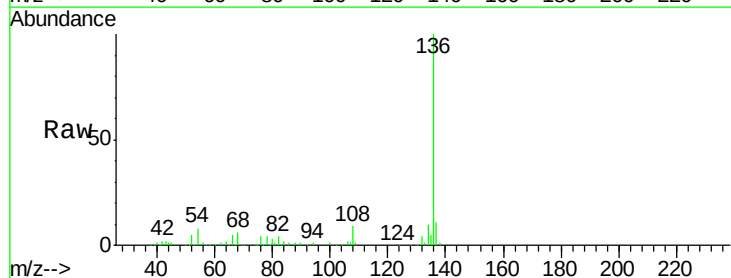
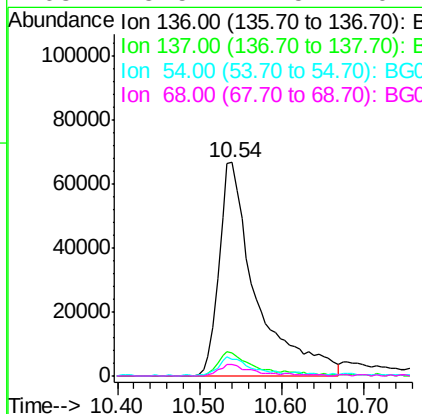
RT: 10.54 min Scan# 1234

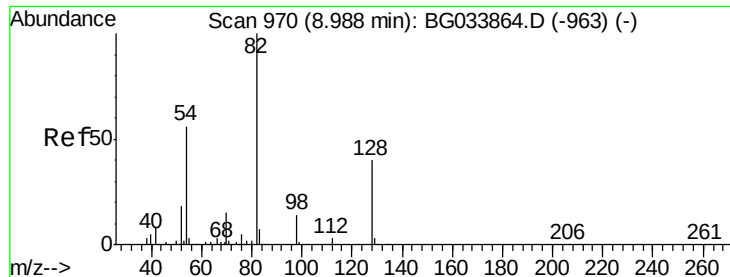
Delta R.T. -0.09 min

Lab File: BG034045.D

Acq: 27 Apr 2018 18:53

Tgt Ion:	136	Resp:	210175
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	7.9	10.3	15.5#
68	5.5	4.5	6.7





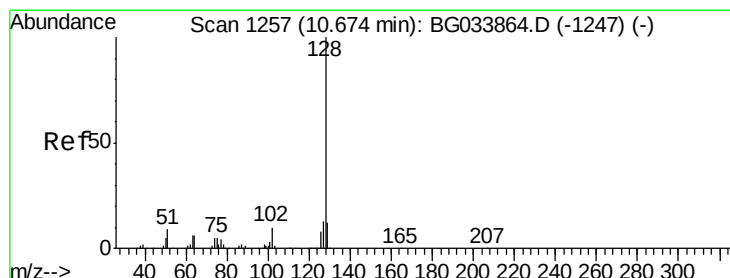
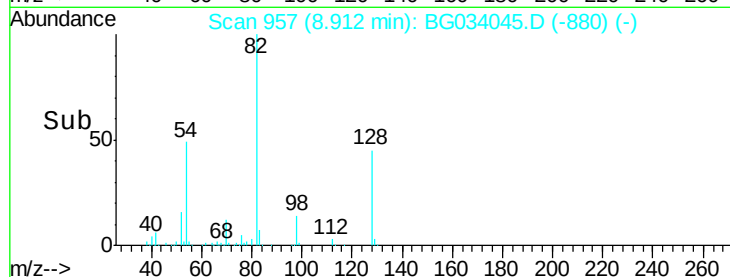
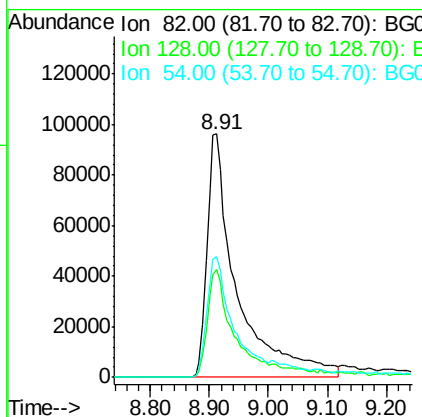
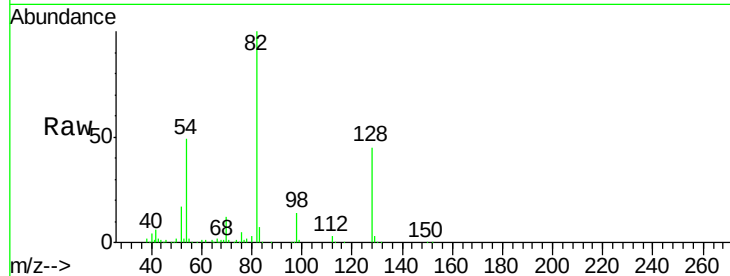
#23
 Nitrobenzene-d5
 Concen: 91.944 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.08 min
 Lab File: BG034045.D
 Acq: 27 Apr 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-042518-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	29.7	44.5#
54	49.4	43.1	64.7

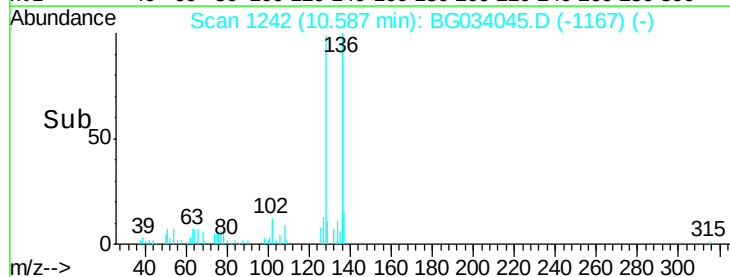
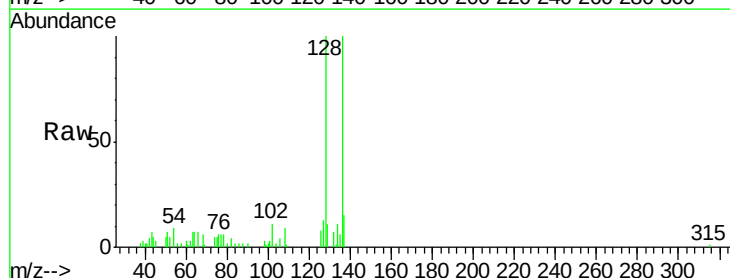
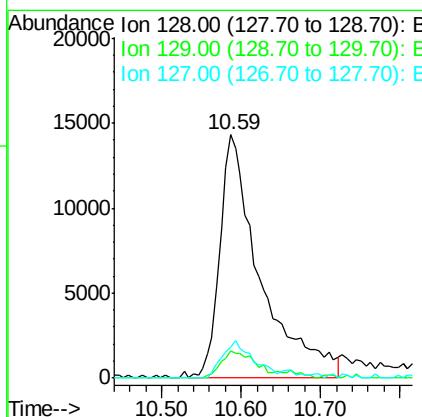
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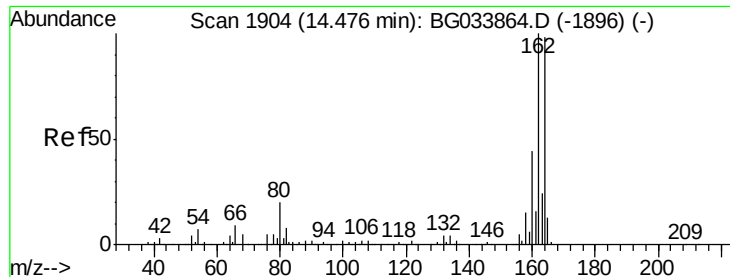
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#31
 Naphthalene
 Concen: 4.682 ng
 RT: 10.59 min Scan# 1242
 Delta R.T. -0.09 min
 Lab File: BG034045.D
 Acq: 27 Apr 2018 18:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.8	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.09 min

Lab File: BG034045.D

Acq: 27 Apr 2018 18:53

Instrument :

BNA_G

ClientSampleId :

OR-01-042518-A

Tot Ion:164 Resp: 170098

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

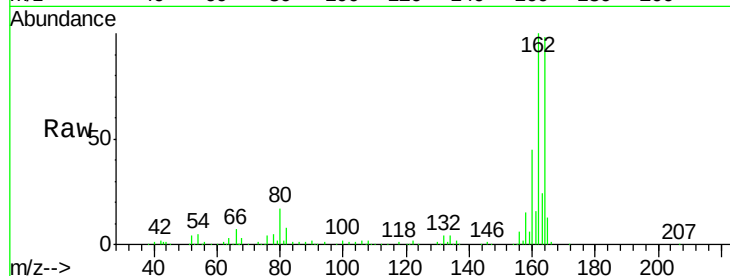
160 46.4 35.4 53.0

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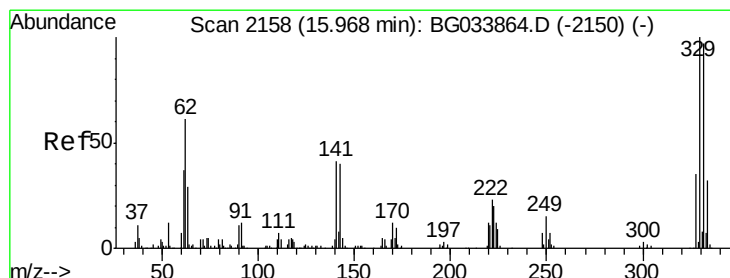
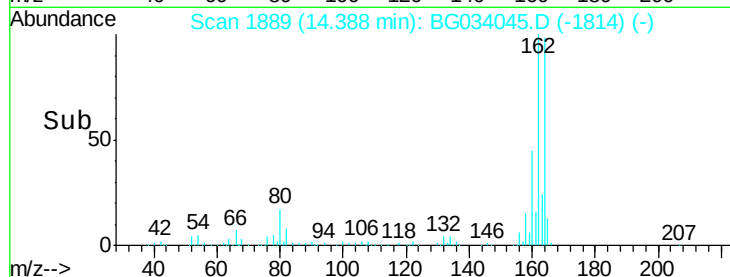
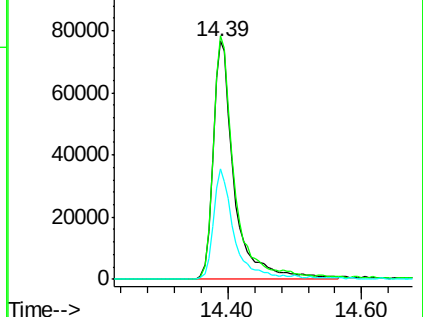
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 163.837 ng

RT: 15.89 min Scan# 2144

Delta R.T. -0.08 min

Lab File: BG034045.D

Acq: 27 Apr 2018 18:53

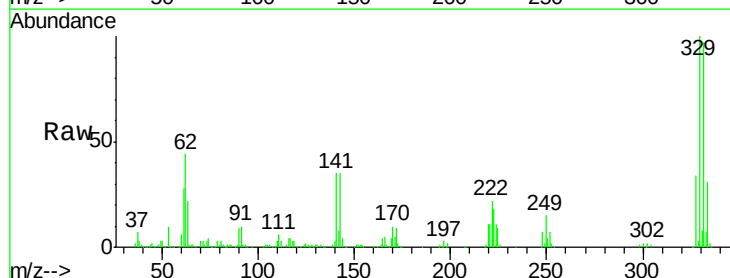
Tgt Ion:330 Resp: 325129

Ion Ratio Lower Upper

330 100

332 99.8 77.0 115.6

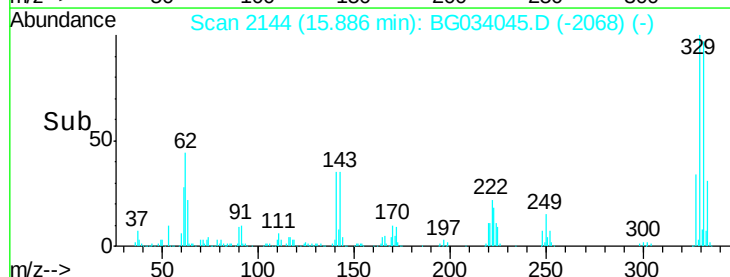
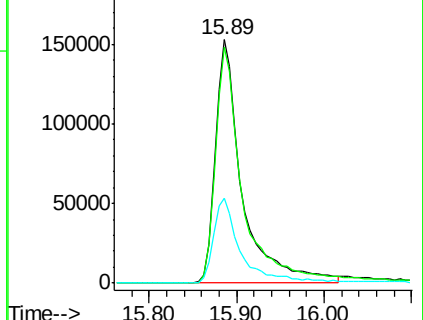
141 37.4 25.2 37.8

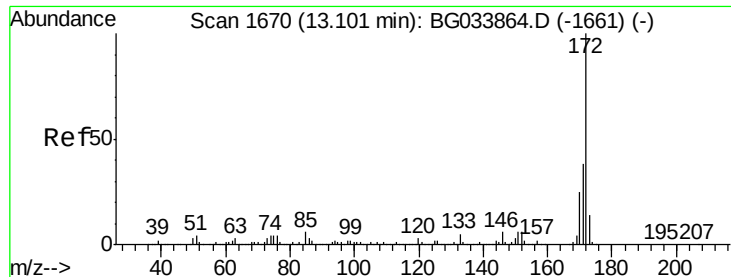


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





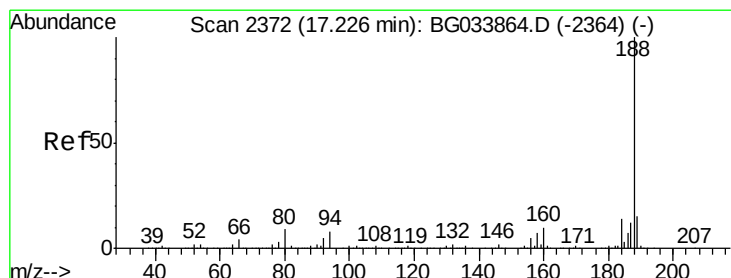
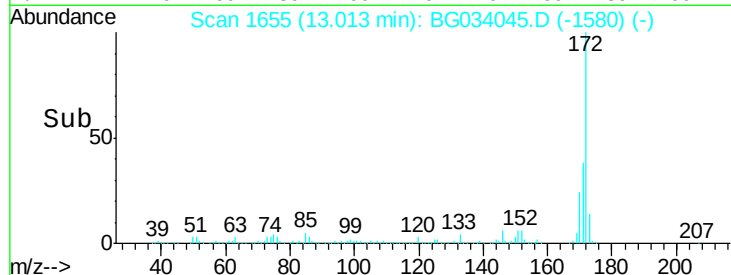
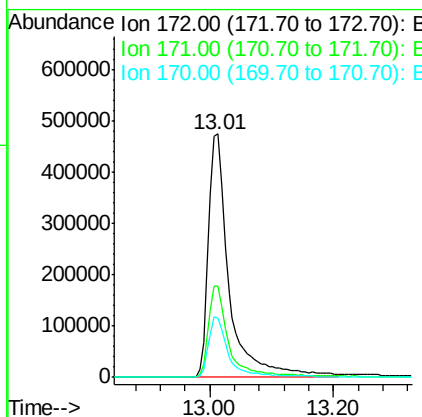
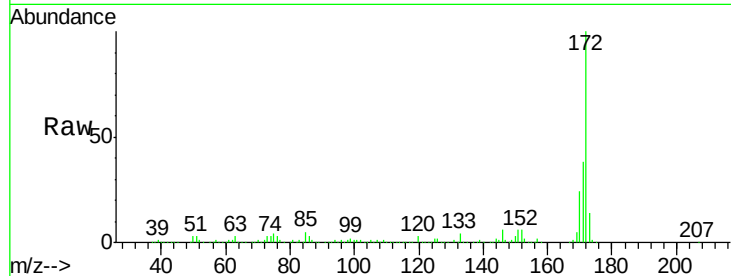
#44
 2-Fluorobiphenyl
 Concen: 95.321 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034045.D
 Acq: 27 Apr 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-042518-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.4	19.5	29.3

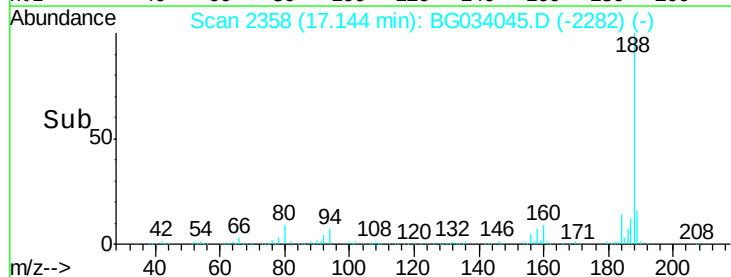
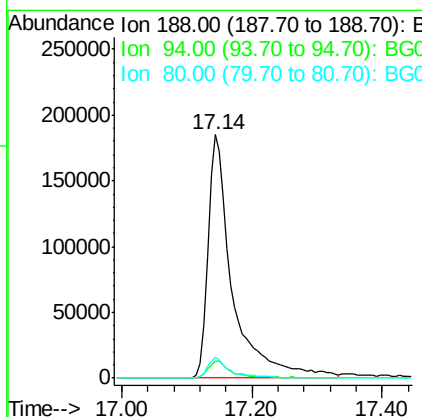
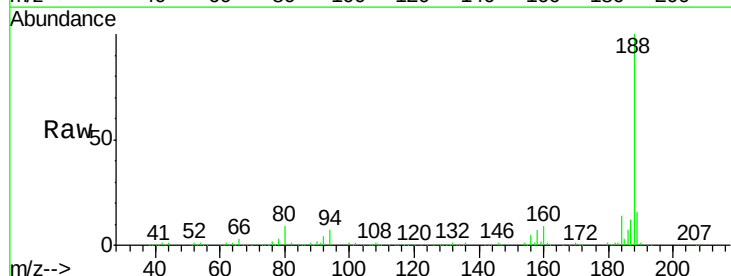
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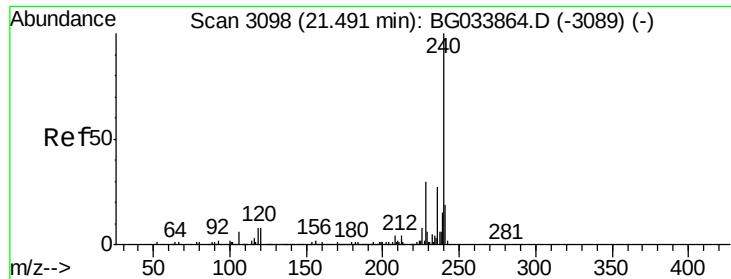
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.14 min Scan# 2358
 Delta R.T. -0.08 min
 Lab File: BG034045.D
 Acq: 27 Apr 2018 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.7	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034045.D

Acq: 27 Apr 2018 18:53

Instrument :

BNA_G

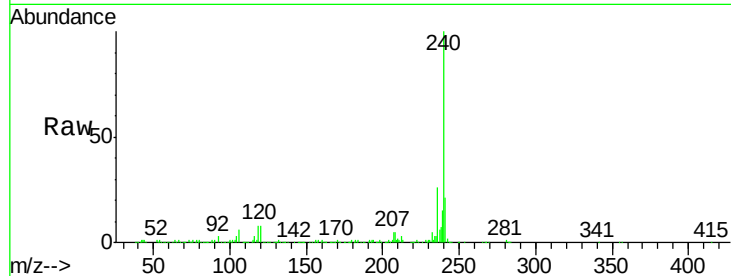
ClientSampleId :

OR-01-042518-A

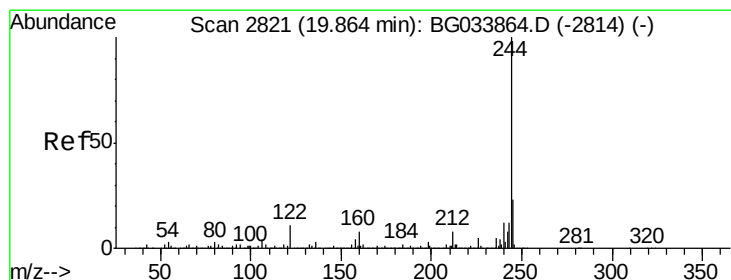
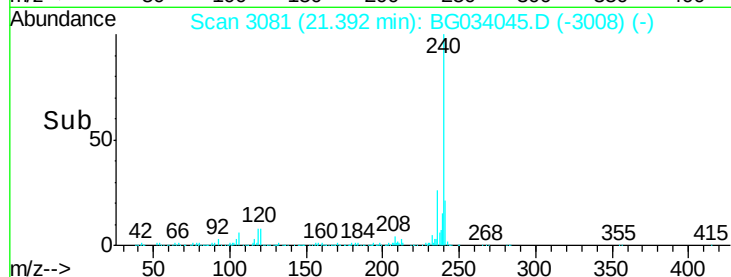
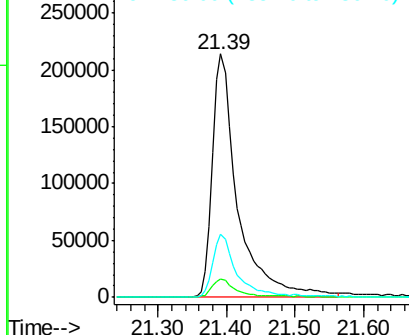
Tot Ion:	240	Resp:	549178
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.8	10.2
236	25.9	20.9	31.3

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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: 100.941 ng

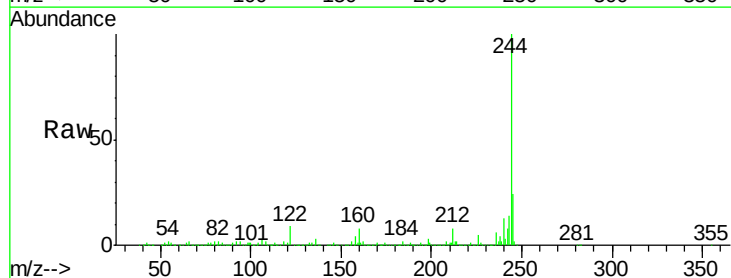
RT: 19.78 min Scan# 2807

Delta R.T. -0.08 min

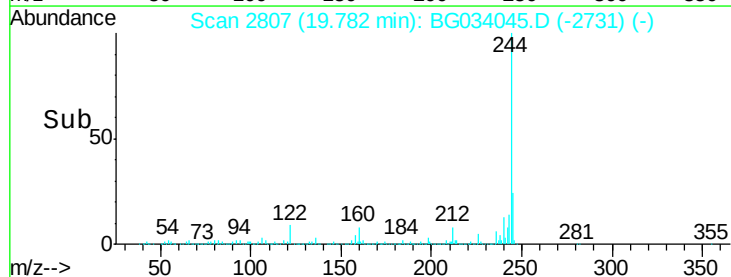
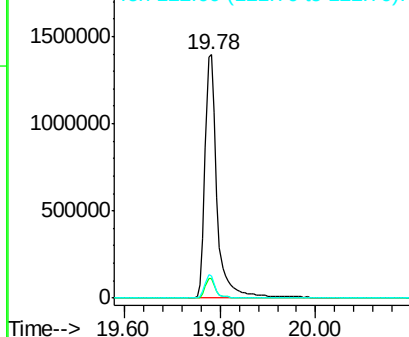
Lab File: BG034045.D

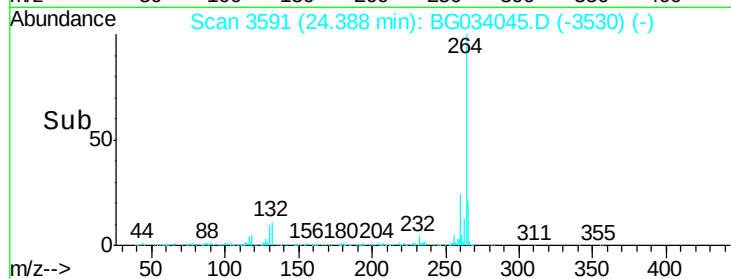
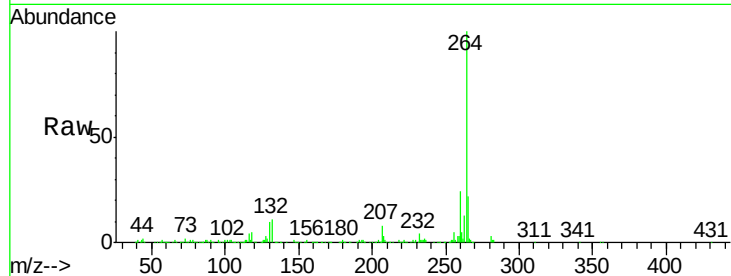
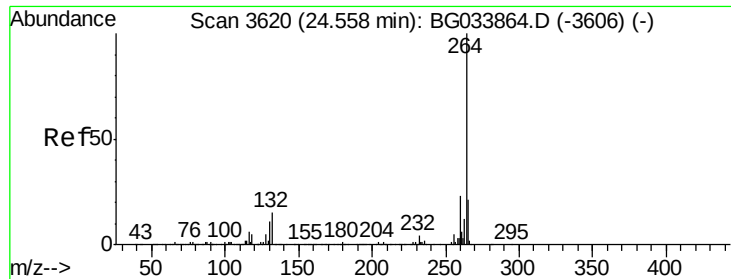
Acq: 27 Apr 2018 18:53

Tgt Ion:	244	Resp:	2467477
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.8	8.8
122	9.2	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: 24.39 min Scan# 3591
Delta R.T. -0.17 min
Lab File: BG034045.D
Acq: 27 Apr 2018 18:53

Instrument :
BNA_G
ClientSampleId :
OR-01-042518-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.5	17.7	26.5

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