

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036162.D
 Acq On : 7 Aug 2018 14:24
 Operator : JU/SJ
 Sample : J4332-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 080118-TIPC-F-D-B

Manual Integrations
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 8/7/2018 6:54:38 PM

Quant Time: Aug 07 16:09:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 10:56:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	51232	40.00	ng	0.00
21) Naphthalene-d8	10.81	136	188116	40.00	ng	0.00
38) Acenaphthene-d10	14.63	164	139679	40.00	ng	0.00
63) Phenanthrene-d10	17.38	188	405468	40.00	ng	0.00
75) Chrysene-d12	21.64	240	462937	40.00	ng	0.00
86) Perylene-d12	24.83	264	444692	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	9075m	5.88	ng	0.01
7) Phenol-d6	7.22	99	7751	3.37	ng	0.04
23) Nitrobenzene-d5	9.19	82	27238	12.10	ng	0.01
41) 2,4,6-Tribromophenol	16.14	330	11506	12.50	ng	0.02
44) 2-Fluorobiphenyl	13.26	172	79351	15.22	ng	0.00
78) Terphenyl-d14	19.98	244	164308	15.65	ng	0.00

Target Compounds Qvalue

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

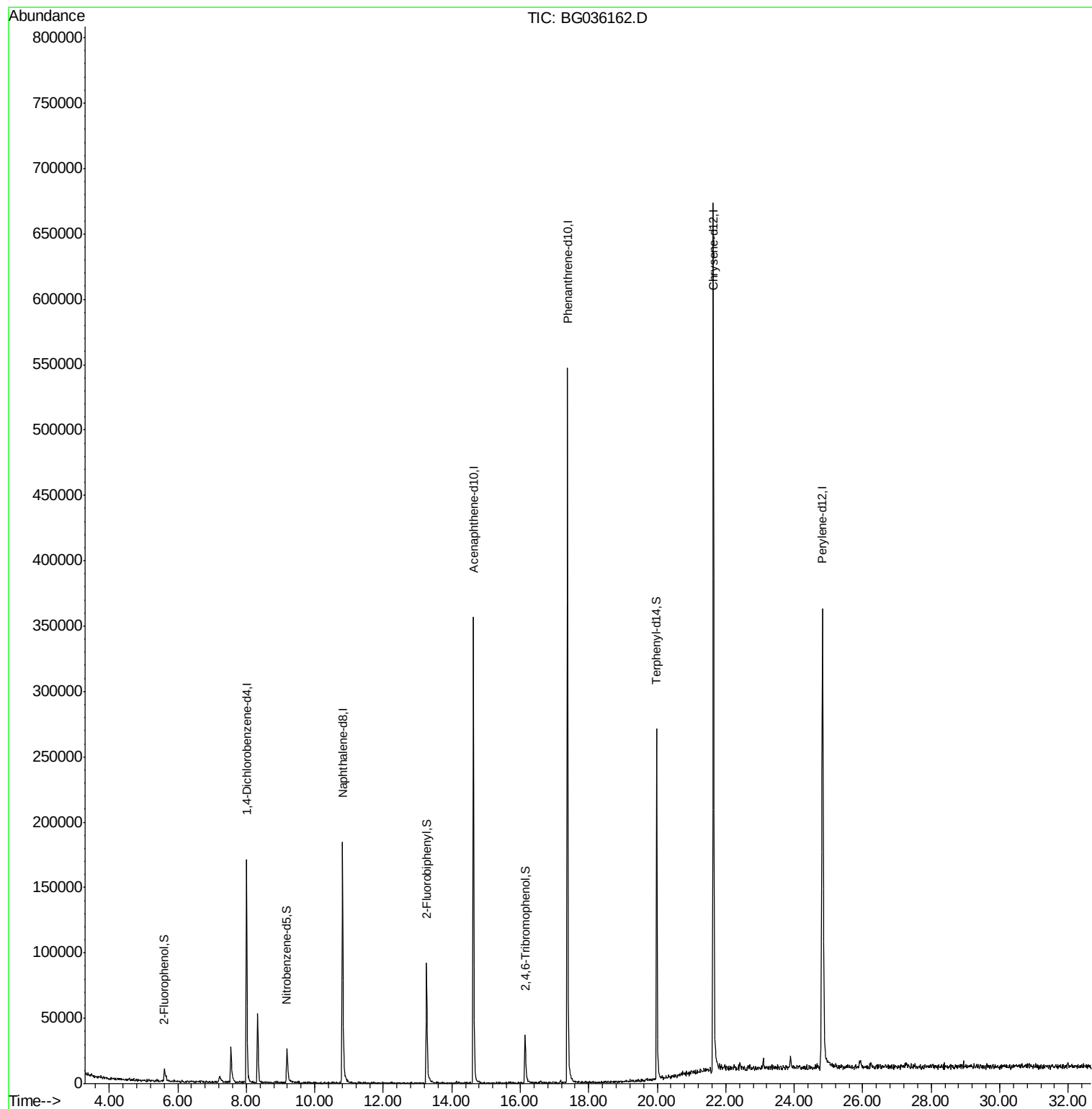
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036162.D
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Misc :
ALS Vial : 35 Sample Multiplier: 2

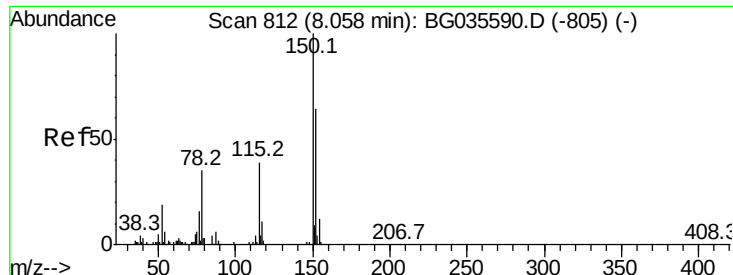
Instrument :
BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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#1

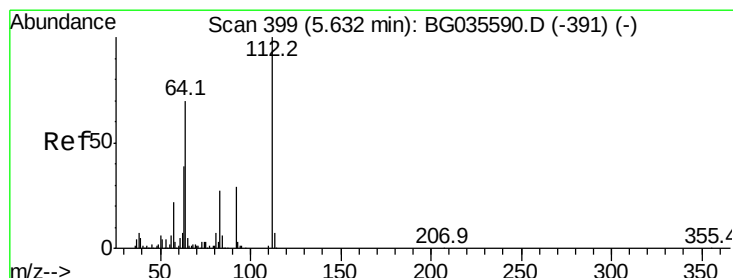
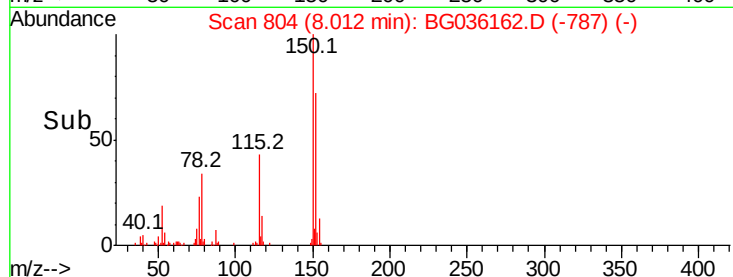
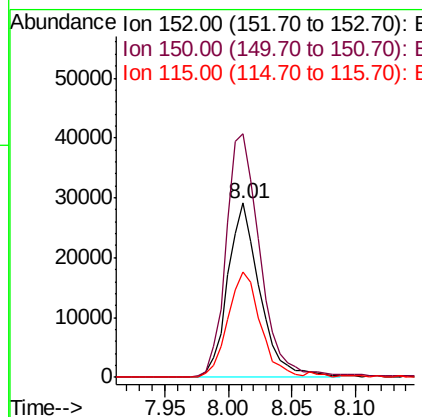
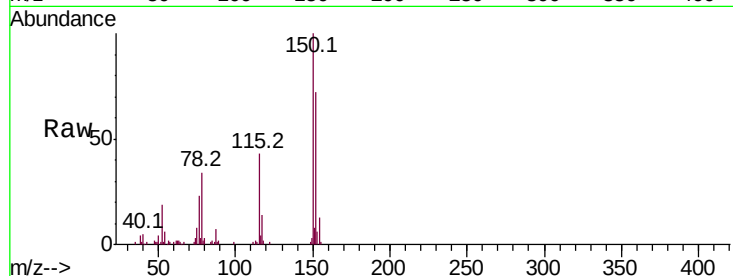
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.01 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG036162.D
Acq: 7 Aug 2018 14:24

Instrument :
BNA_G
ClientSampleId :
080118-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.7	126.6	189.8
115	60.4	53.0	79.4

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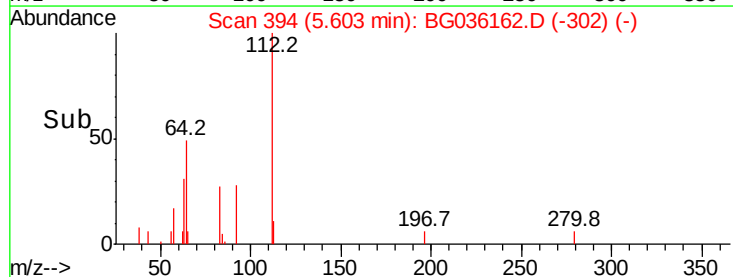
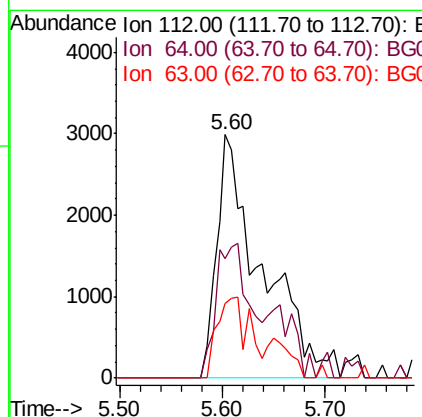
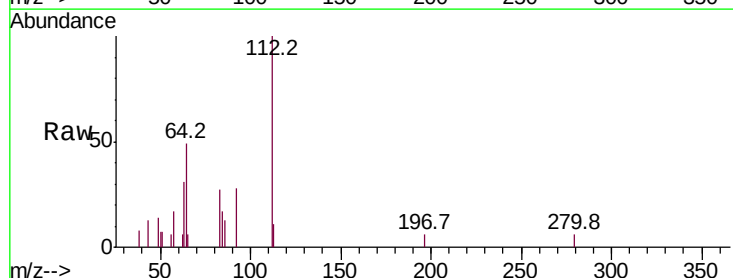
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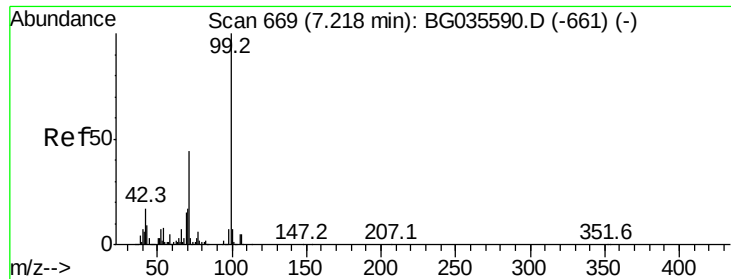


#5

2-Fluorophenol
Concen: 5.882 ng m
RT: 5.60 min Scan# 394
Delta R.T. 0.01 min
Lab File: BG036162.D
Acq: 7 Aug 2018 14:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	56.3	84.5#
63	30.8	30.1	45.1





#7

Phenol-d6

Concen: 3.367 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.04 min

Lab File: BG036162.D

Acq: 7 Aug 2018 14:24

Instrument :

BNA_G

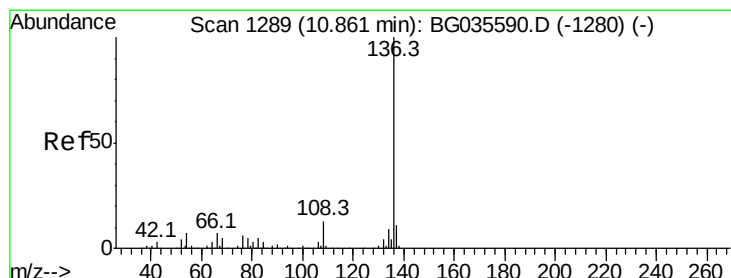
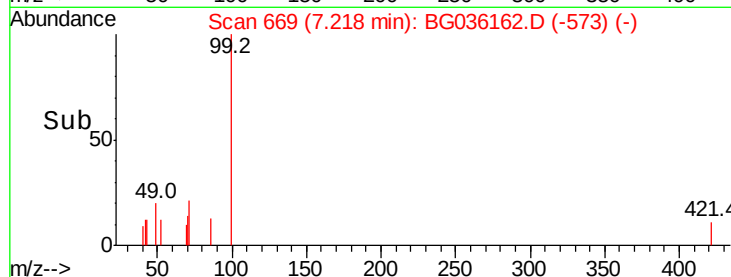
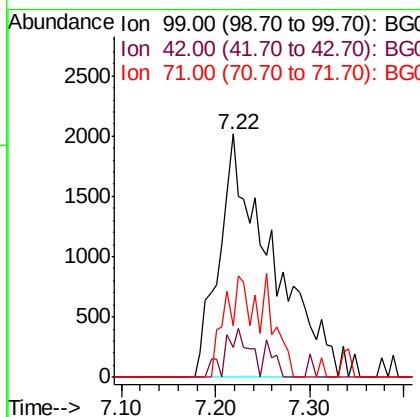
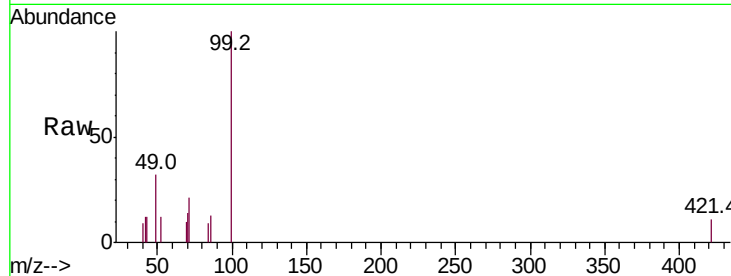
ClientSampleId :

080118-TIPC-F-D-B

Tot Ion:	99	Resp:	7751
Ion Ratio	Lower	Upper	
99	100		
42	12.3	14.1	21.1#
71	21.2	26.1	39.1#

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#21

Naphthalene-d8

Concen: 40.000 ng

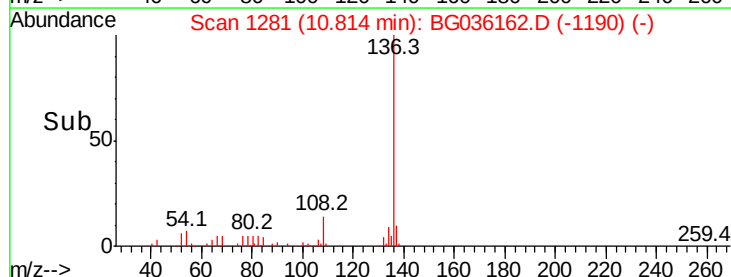
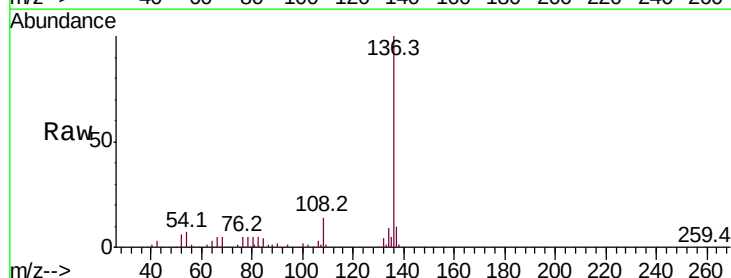
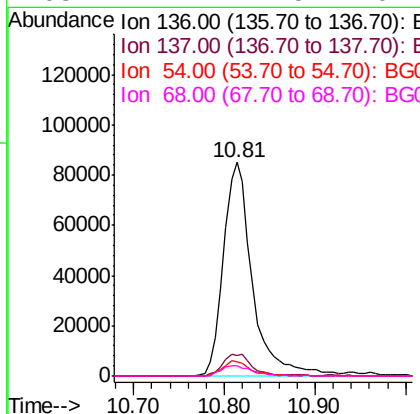
RT: 10.81 min Scan# 1281

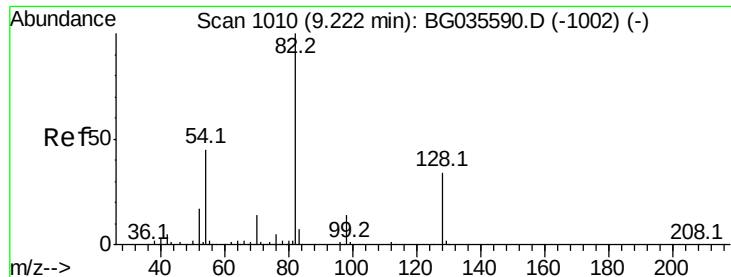
Delta R.T. 0.01 min

Lab File: BG036162.D

Acq: 7 Aug 2018 14:24

Tgt Ion:	136	Resp:	188116
Ion Ratio	Lower	Upper	
136	100		
137	9.7	9.2	13.8
54	6.6	10.3	15.5#
68	4.7	4.5	6.7





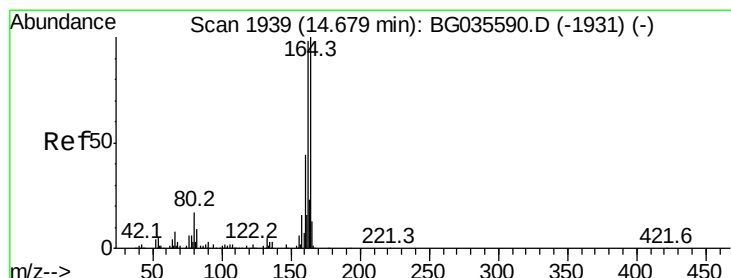
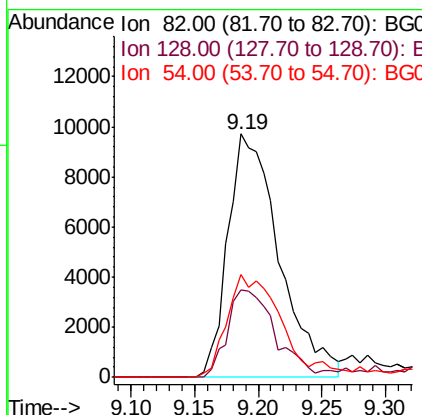
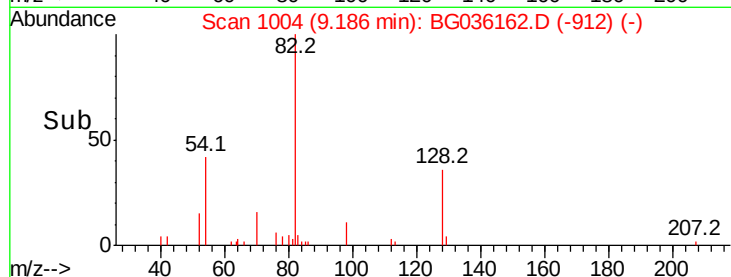
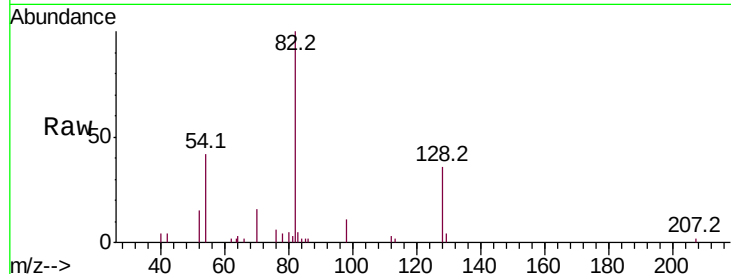
#23
 Nitrobenzene-d5
 Concen: 12.097 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BG036162.D
 Acq: 7 Aug 2018 14:24

Instrument :
 BNA_G
 ClientSampleId :
 080118-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	42.4	43.1	64.7#

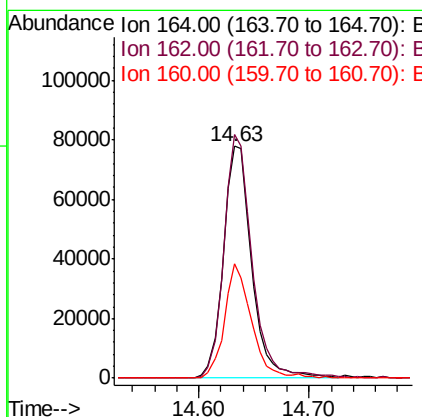
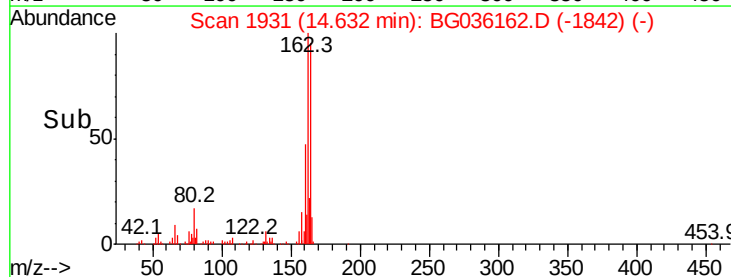
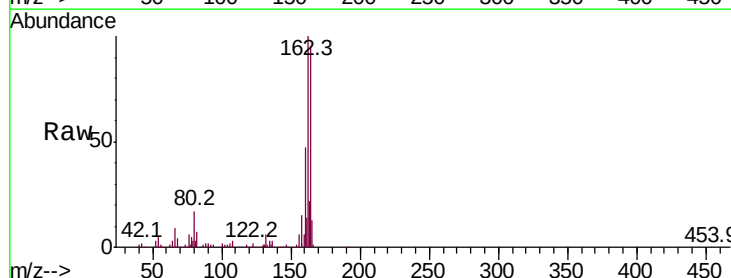
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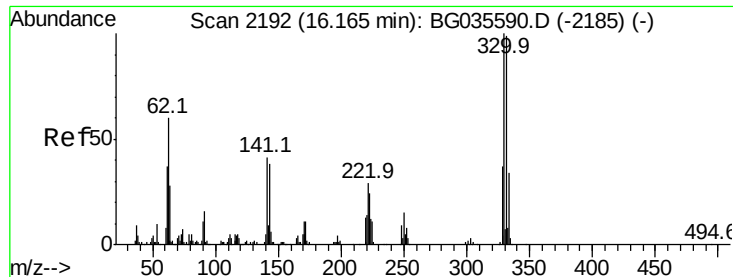
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#38
 Acenaphthene-d10
 Concen: 40.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG036162.D
 Acq: 7 Aug 2018 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	49.5	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 12.499 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.02 min

Lab File: BG036162.D

Acq: 7 Aug 2018 14:24

Instrument :

BNA_G

ClientSampleId :

080118-TIPC-F-D-B

Tot Ion:330 Resp: 11506

Ion Ratio Lower Upper

330 100

332 99.8 77.0 115.6

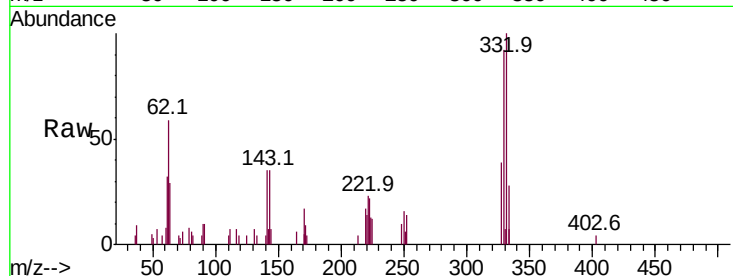
141 36.2 25.2 37.8

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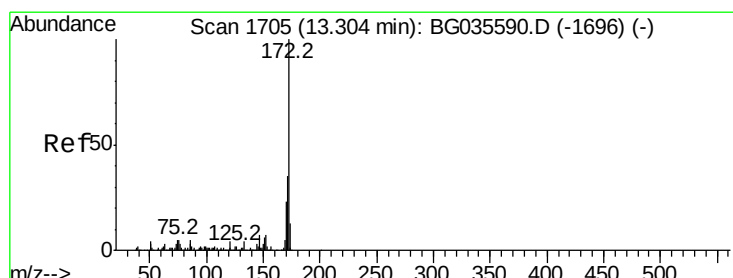
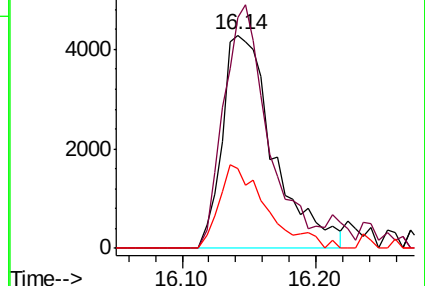
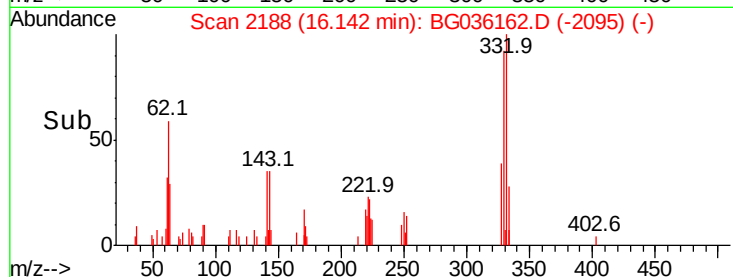
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 15.222 ng

RT: 13.26 min Scan# 1698

Delta R.T. 0.01 min

Lab File: BG036162.D

Acq: 7 Aug 2018 14:24

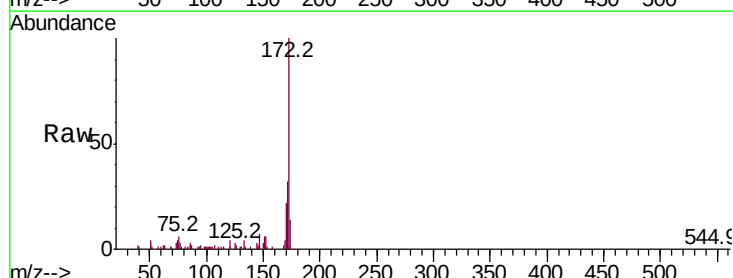
Tgt Ion:172 Resp: 79351

Ion Ratio Lower Upper

172 100

171 31.6 30.0 45.0

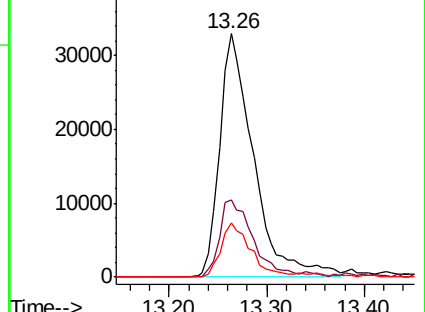
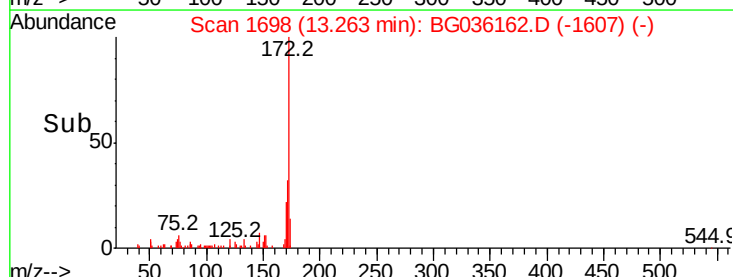
170 22.4 19.5 29.3

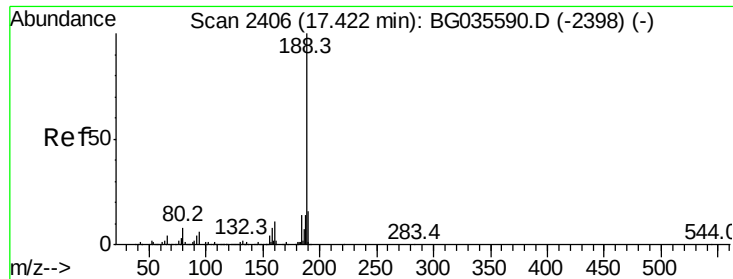


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 40.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BG036162.D

Acq: 7 Aug 2018 14:24

Instrument :

BNA_G

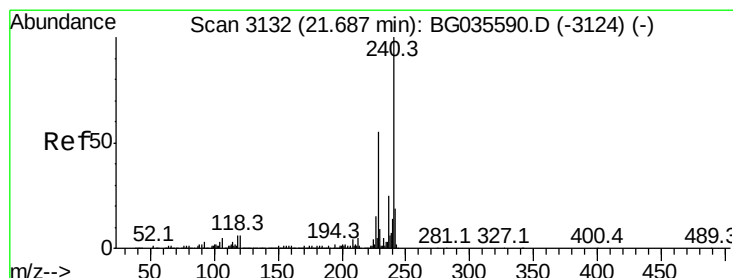
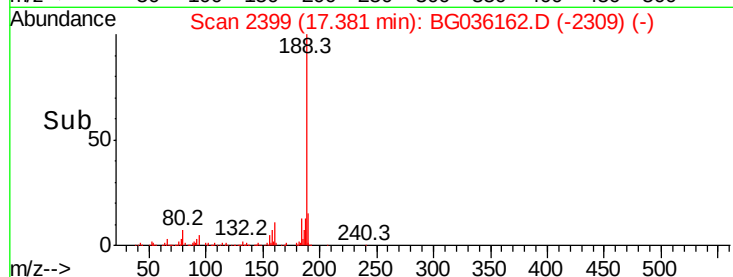
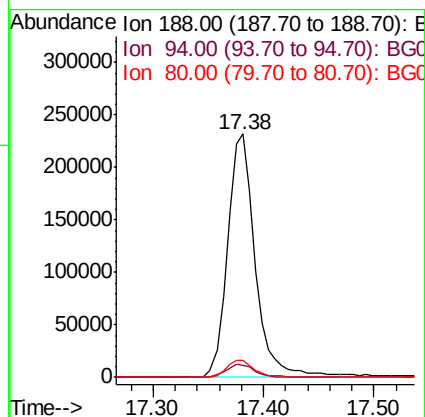
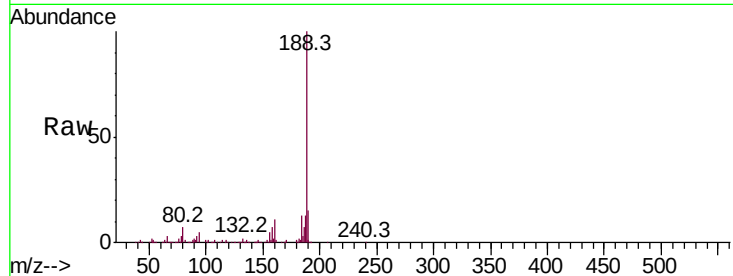
ClientSampleId :

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Tot Ion:	188	Resp:	405468
Ion Ratio	Lower	Upper	
188	100		
94	5.1	6.9	10.3#
80	7.2	7.7	11.5#

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#75

Chrysene-d12

Concen: 40.000 ng

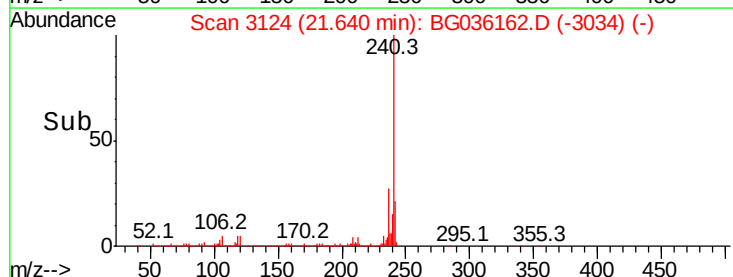
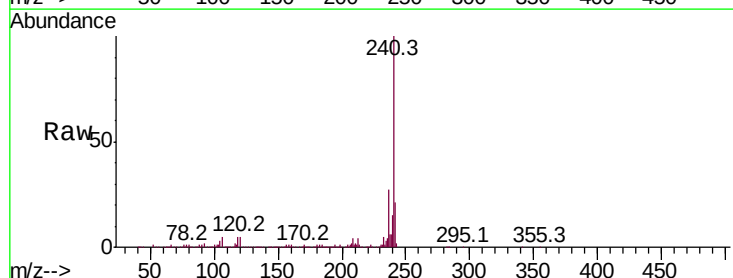
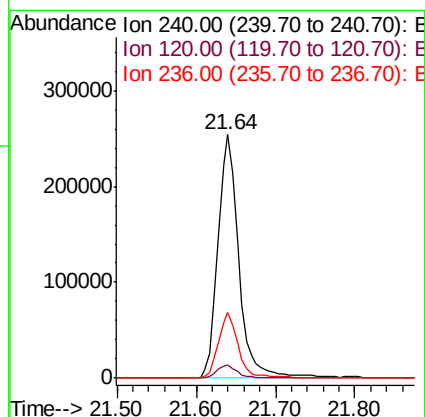
RT: 21.64 min Scan# 3124

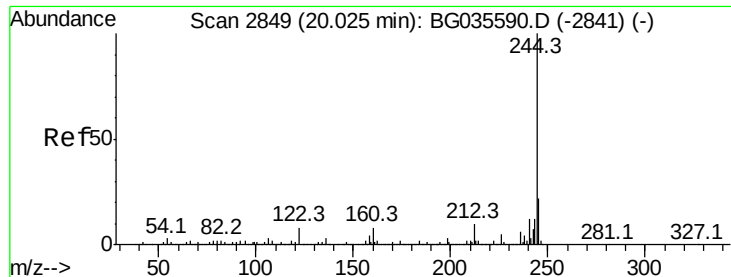
Delta R.T. 0.00 min

Lab File: BG036162.D

Acq: 7 Aug 2018 14:24

Tgt Ion:	240	Resp:	462937
Ion Ratio	Lower	Upper	
240	100		
120	5.5	6.8	10.2#
236	27.1	20.9	31.3





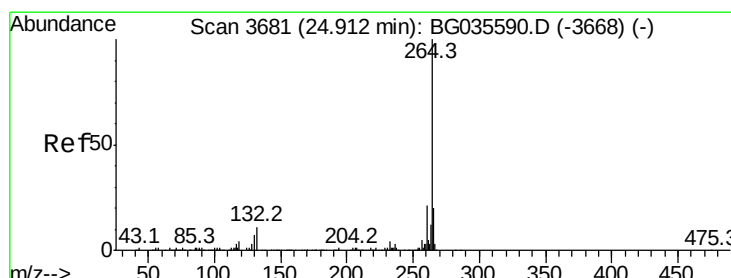
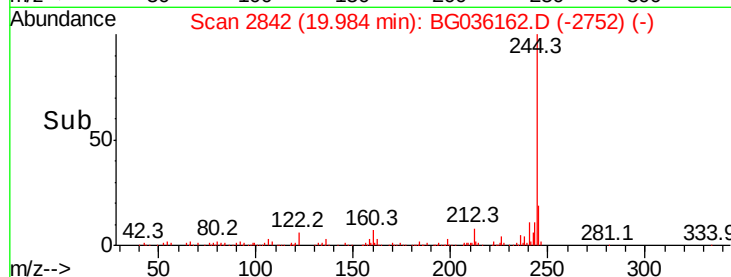
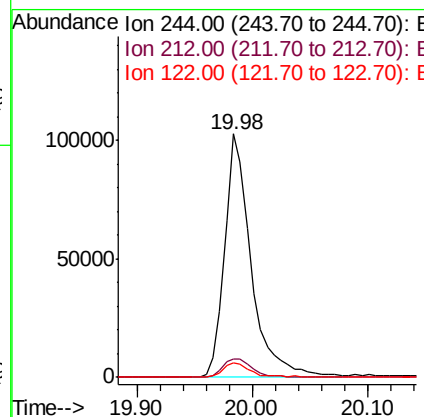
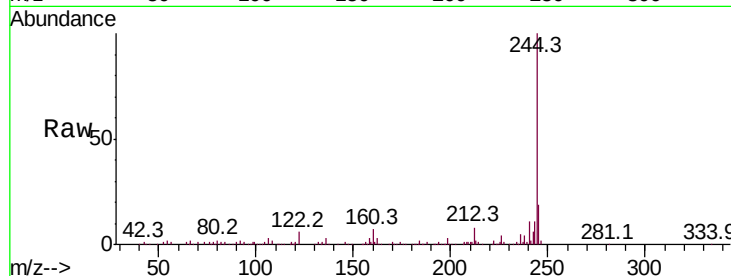
#78
 Terphenyl-d14
 Concen: 15.647 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: BG036162.D
 Acq: 7 Aug 2018 14:24

Instrument :
 BNA_G
 ClientSampleId :
 080118-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	6.0	7.0	10.4

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#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. 0.01 min
 Lab File: BG036162.D
 Acq: 7 Aug 2018 14:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.2	17.7	26.5

