

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038565.D
 Acq On : 14 Dec 2018 12:28
 Operator : JU/SJ
 Sample : J6329-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071-PIPE-1

Manual Integrations
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Sohil
 12/14/2018 5:09:24 PM

Quant Time: Dec 14 13:25:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26326	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	106459	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	77021	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	177975	20.00	ng	0.00
76) Chrysene-d12	21.72	240	179876	20.00	ng	0.00
87) Perylene-d12	25.02	264	199030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	171224	115.36	ng	0.00
7) Phenol-d6	7.21	99	228482	112.13	ng	0.00
23) Nitrobenzene-d5	9.23	82	143706	68.96	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	117002	110.22	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	342742	61.05	ng	0.00
79) Terphenyl-d14	20.04	244	561562	67.94	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16267	7.514	ng	95
50) Dimethylphthalate	14.14	163	32655	5.192	ng	98
75) Fluoranthene	19.49	202	43163	3.780	ng	98
78) Pyrene	19.86	202	52921	4.453	ng	95
81) Benzo(a)anthracene	21.70	228	25131m	2.293	ng	
83) Chrysene	21.77	228	22003	2.084	ng	97
88) Benzo(b)fluoranthene	23.96	252	26539	2.429	ng	# 80
90) Benzo(a)pyrene	24.86	252	24254	2.301	ng	# 92

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

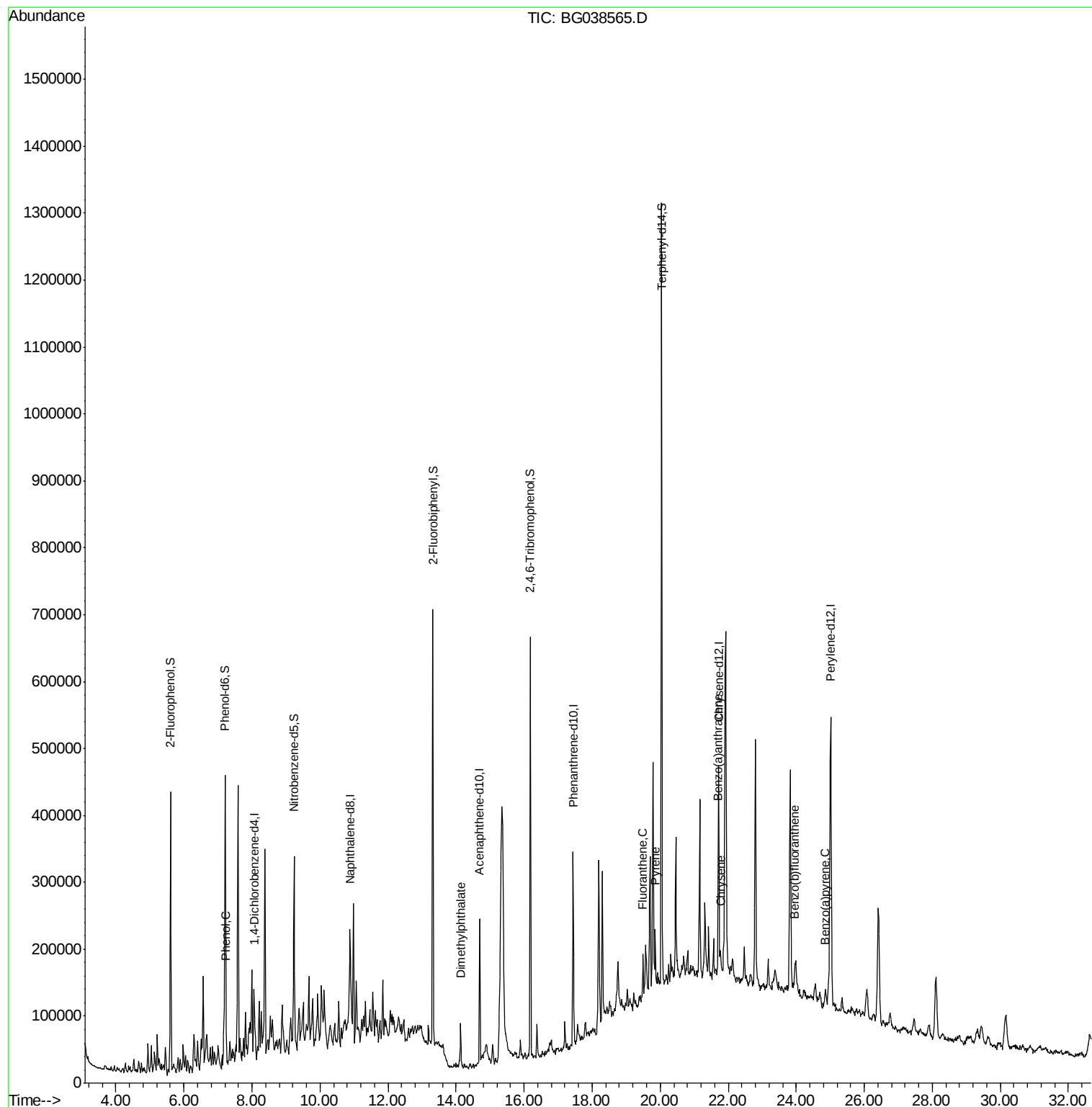
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

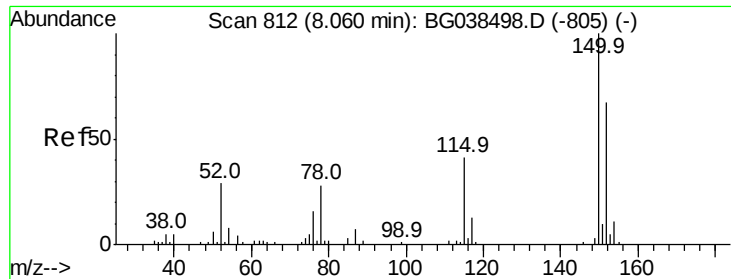
Instrument :
BNA_G
ClientSampleId :
071-PIPE-1

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Quant Time: Dec 14 13:25:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

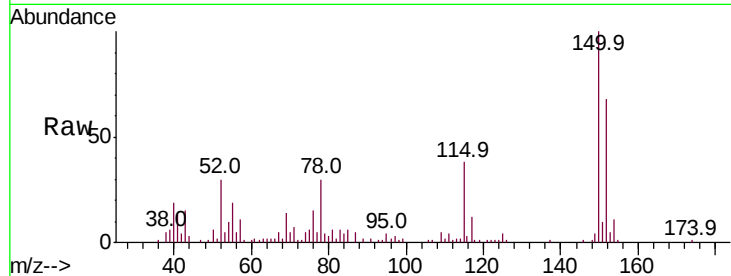
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_G
ClientSampleId :
071-PIPE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	119.5	179.3
115	56.1	49.6	74.4

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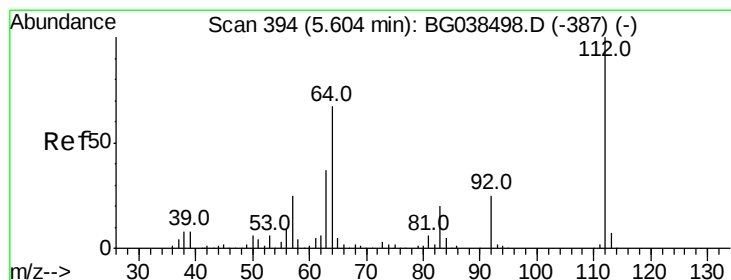
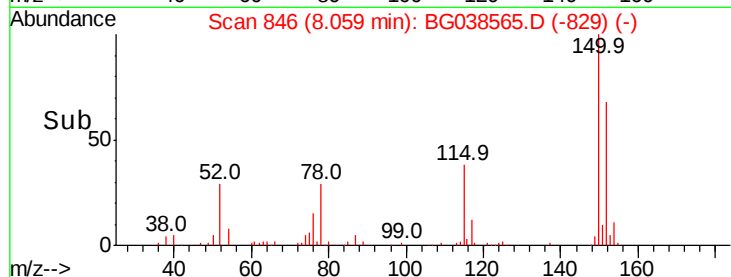
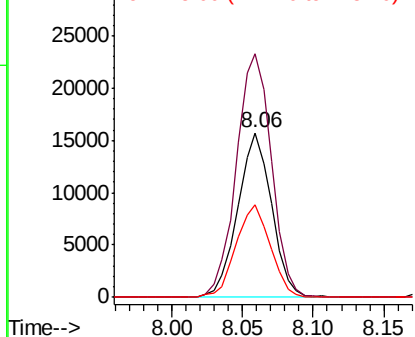


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

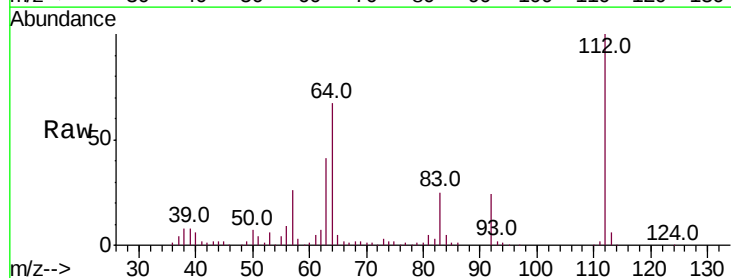
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.358 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.4	80.2
63	40.7	29.3	43.9

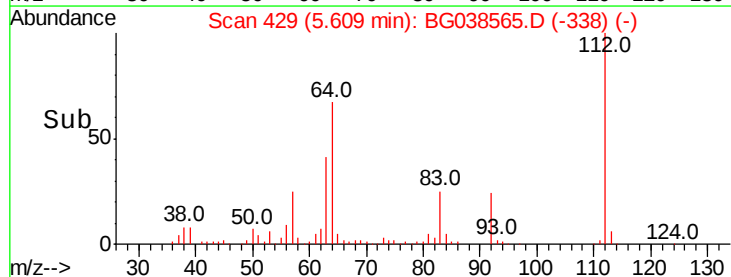
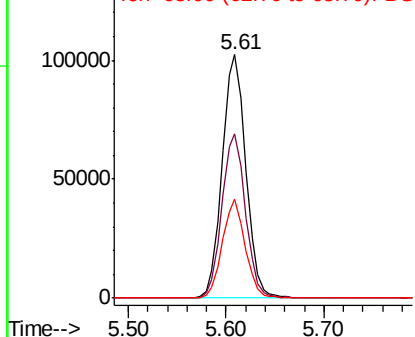


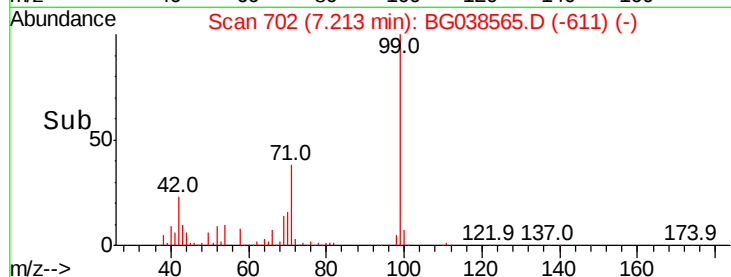
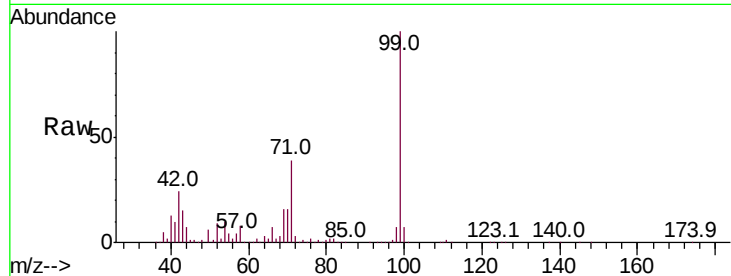
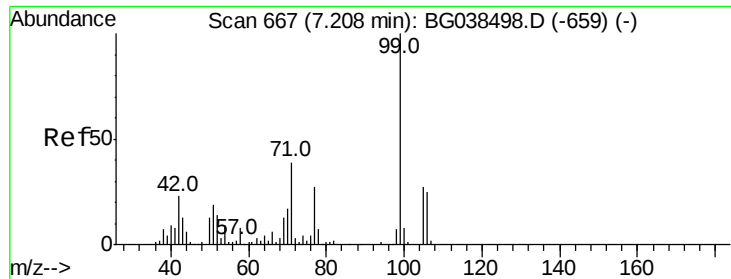
Abundance

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: 112.131 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038565.D

Acq: 14 Dec 2018 12:28

Tot Ion:	99	Resp:	228482
Ion Ratio	Lower	Upper	
99	100		
42	24.2	18.5	27.7
71	39.2	31.1	46.7

Instrument :

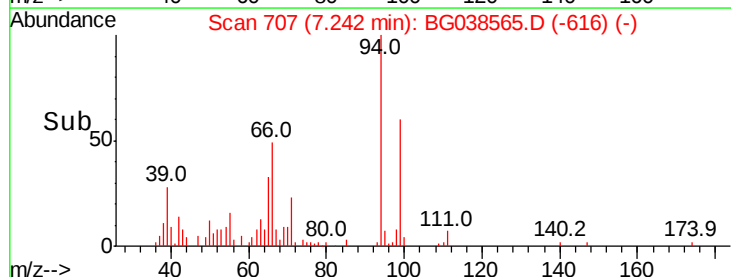
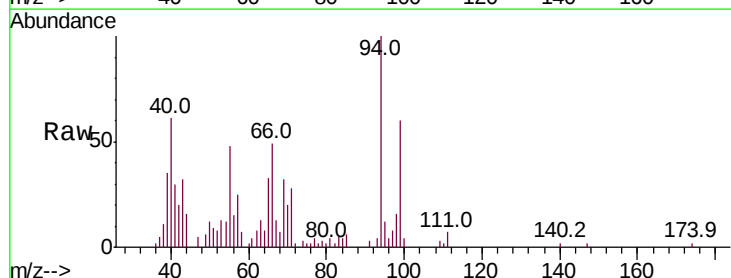
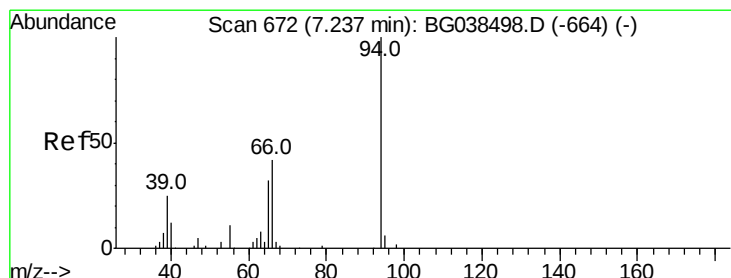
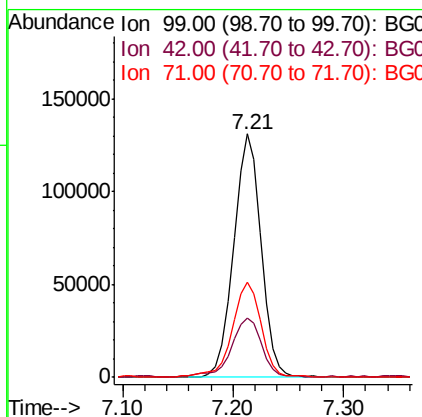
BNA_G

ClientSampleId :

071-PIPE-1

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#10

Phenol

Concen: 7.514 ng

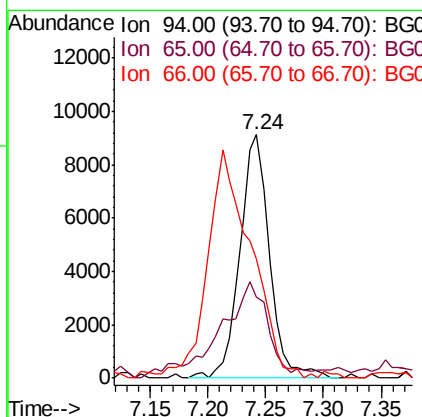
RT: 7.24 min Scan# 707

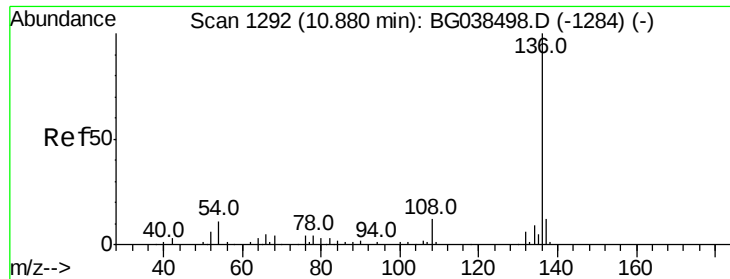
Delta R.T. 0.01 min

Lab File: BG038565.D

Acq: 14 Dec 2018 12:28

Tgt Ion:	94	Resp:	16267
Ion Ratio	Lower	Upper	
94	100		
65	33.2	12.6	52.6
66	49.2	24.1	64.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038565.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_G

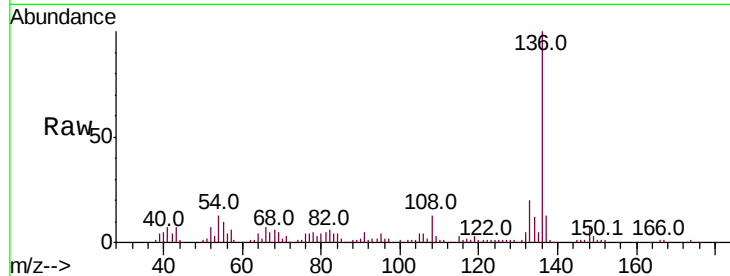
ClientSampleId :

071-PIPE-1

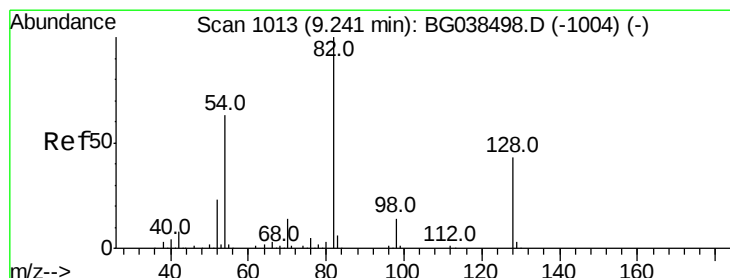
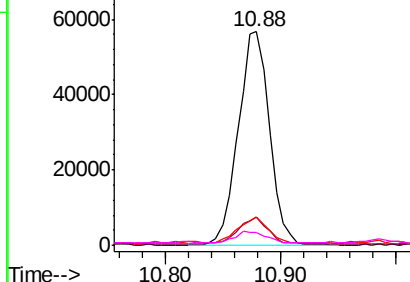
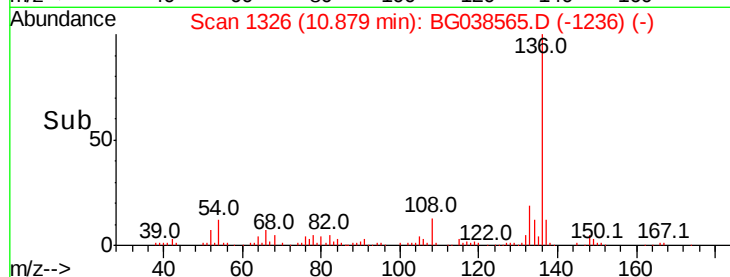
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	13.0	9.3	13.9
54	13.3	8.5	12.7#
68	6.3	3.5	5.3#

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 68.961 ng

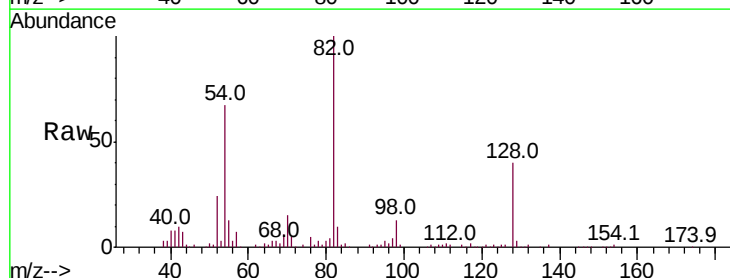
RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

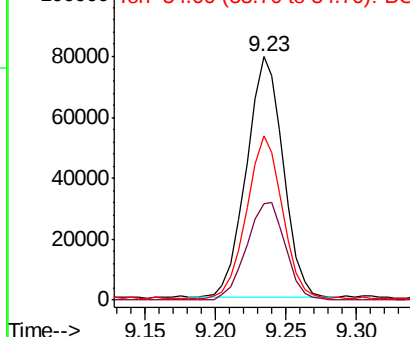
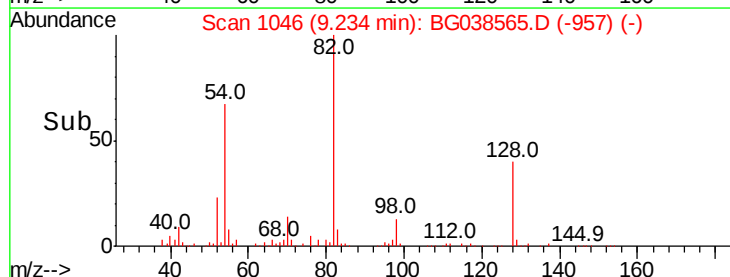
Lab File: BG038565.D

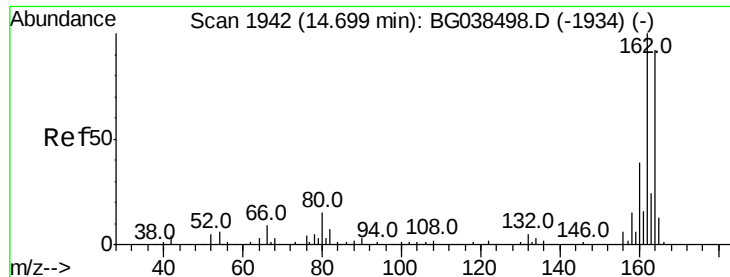
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.7	34.6	52.0
54	67.4	50.6	76.0



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





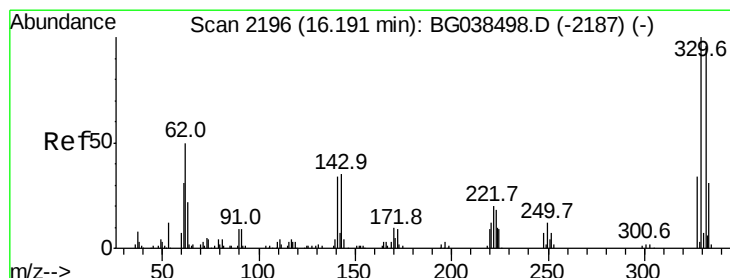
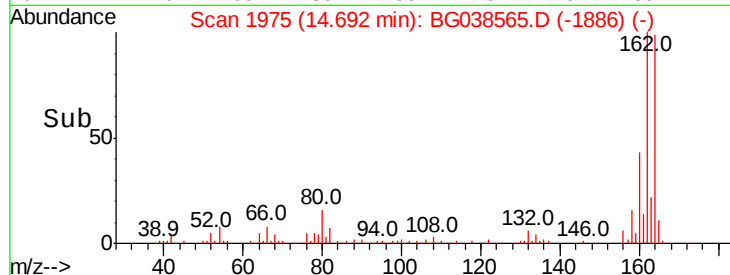
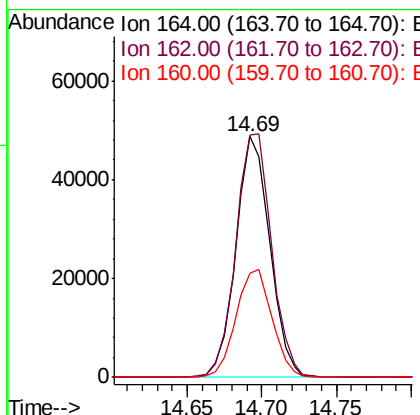
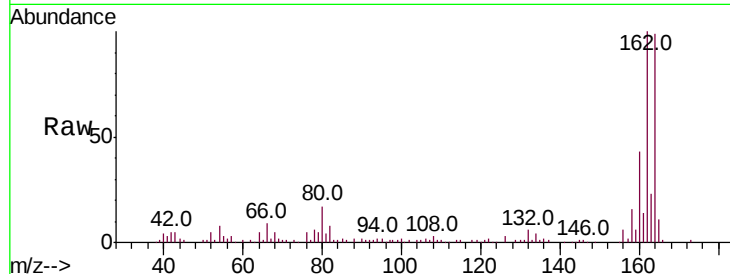
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_G
ClientSampleId :
071-PIPE-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.6	130.0
160	43.5	34.2	51.2

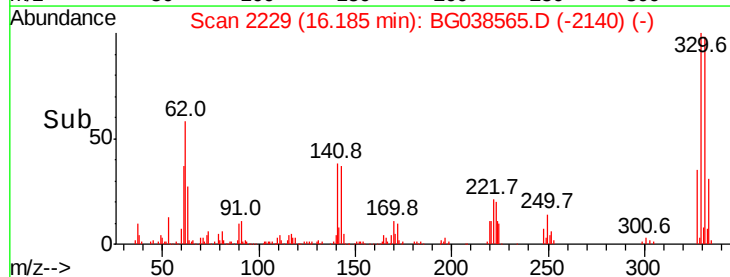
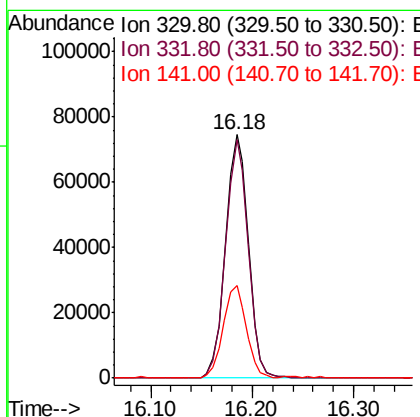
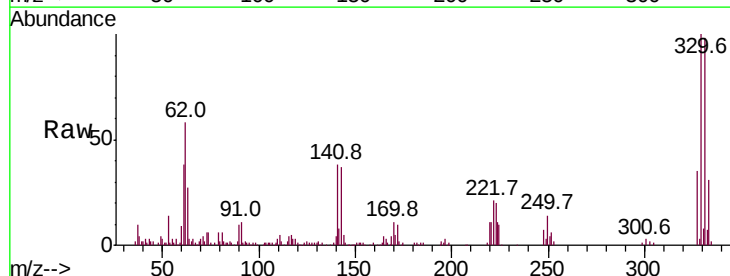
Manual Integrations
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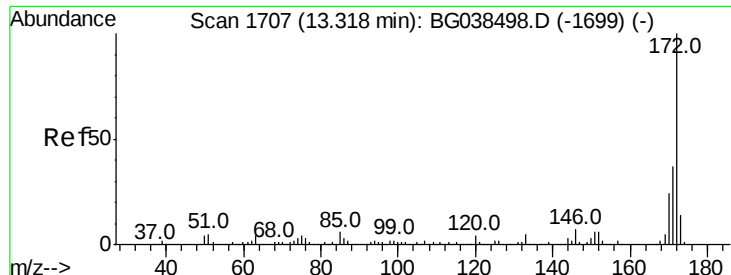
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#42
2,4,6-Tribromophenol
Concen: 110.225 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	38.6	28.8	43.2





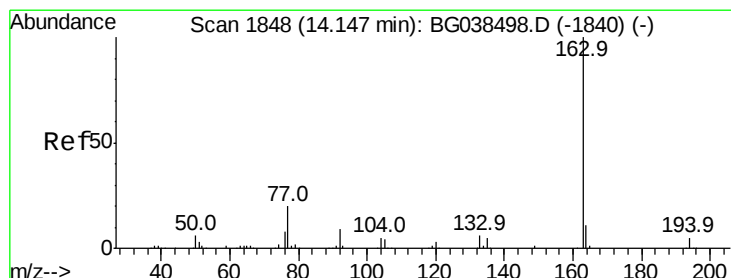
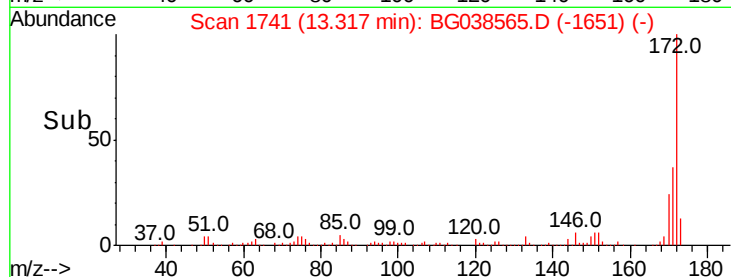
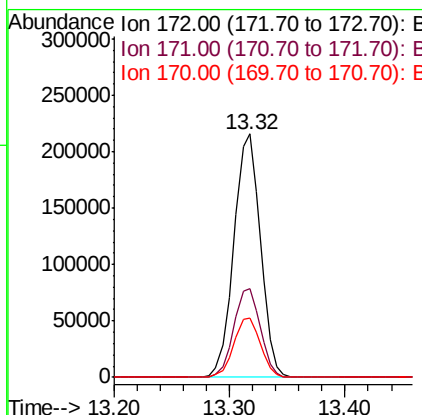
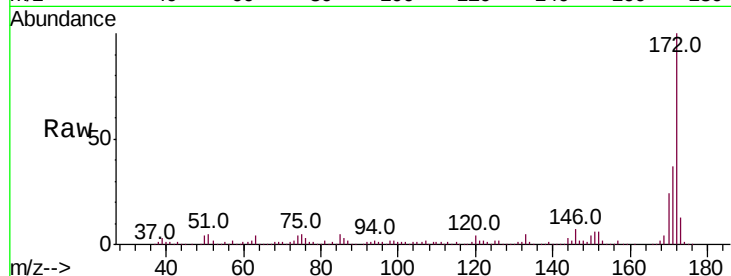
#45
2-Fluorobiphenyl
Concen: 61.047 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_G
ClientSampled :
071-PIPE-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.8	44.6	
170	24.5	19.5	29.3	

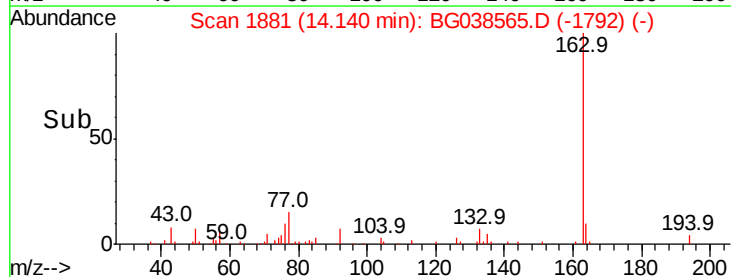
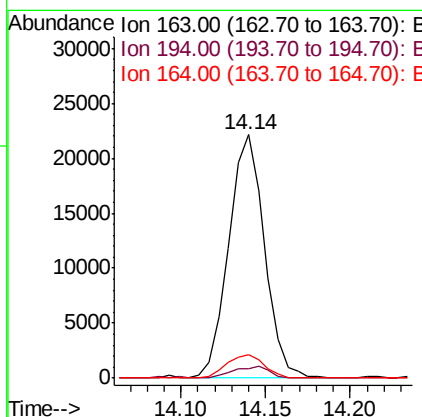
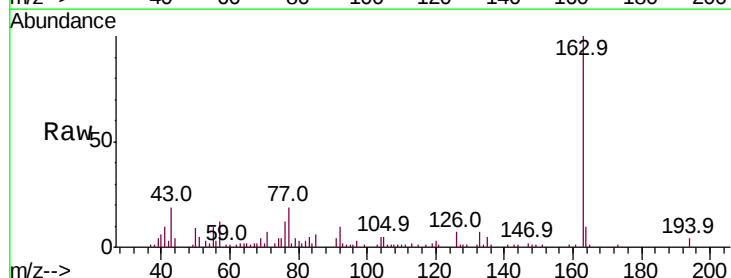
Manual Integrations
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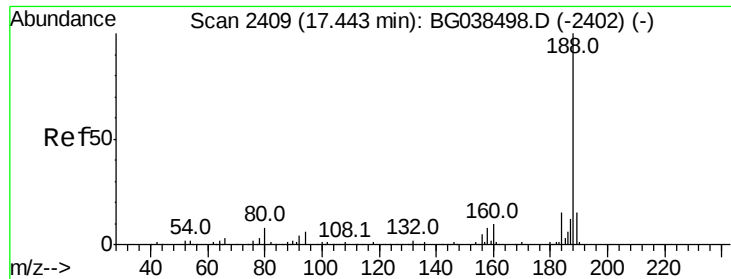
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#50
Dimethylphthalate
Concen: 5.192 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	3.7	5.5	
164	9.7	8.6	12.8	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038565.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_G

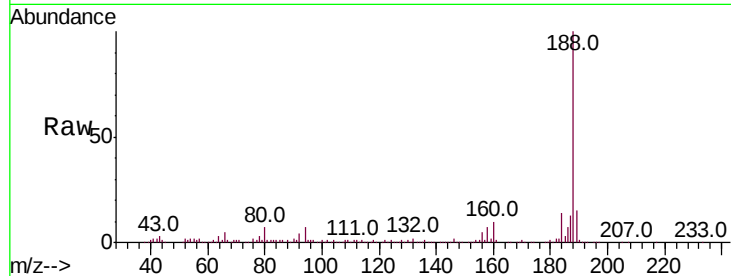
ClientSampleId :

071-PIPE-1

Tot Ion:	188	Resp:	177975
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.1	7.7
80	7.2	6.1	9.1

Manual Integrations
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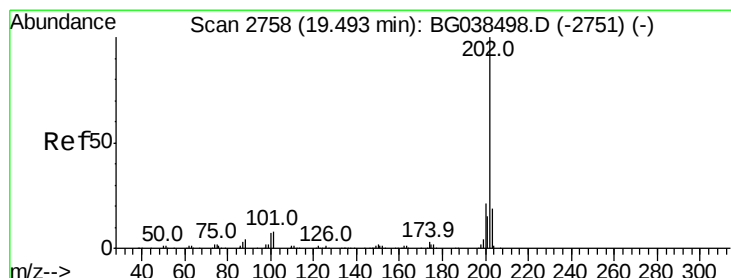
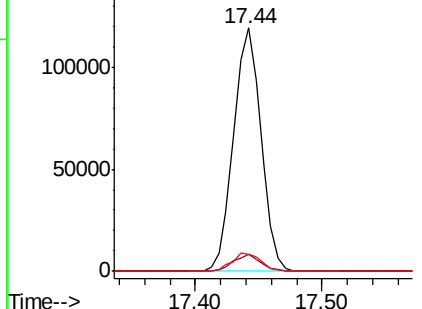
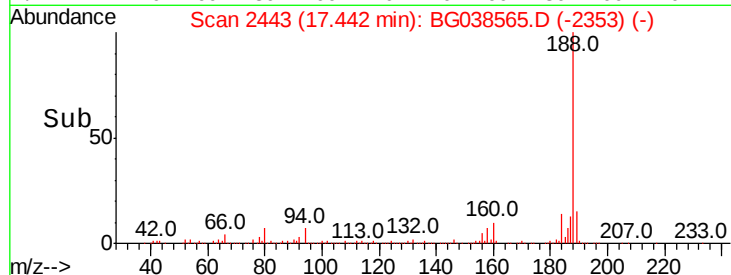
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Fluoranthene

Concen: 3.780 ng

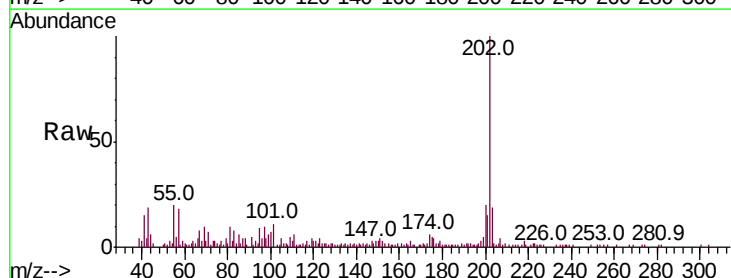
RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038565.D

Acq: 14 Dec 2018 12:28

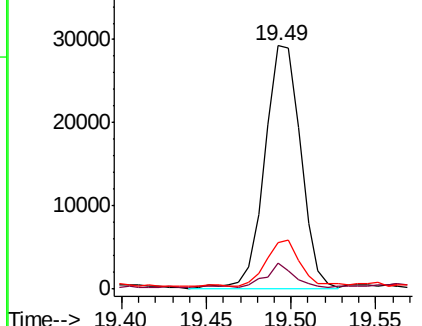
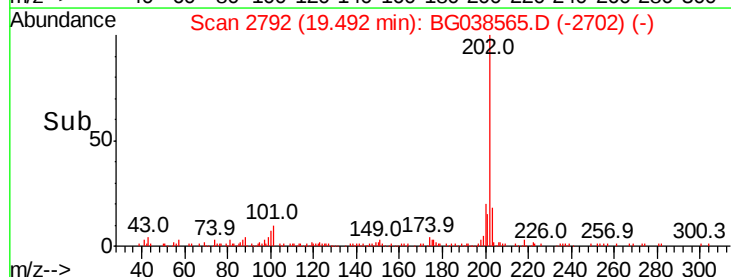
Tgt Ion:	202	Resp:	43163
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	28.1
203	19.2	0.0	39.0

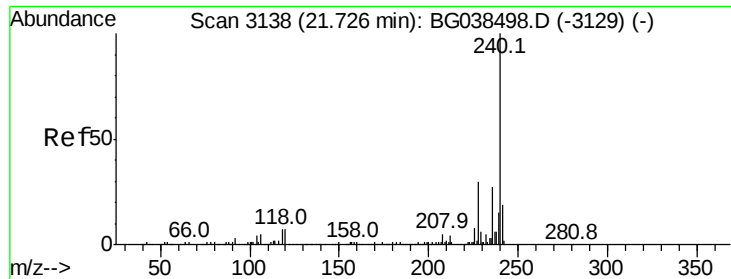


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





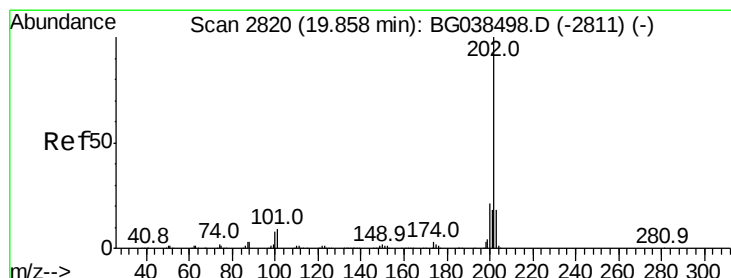
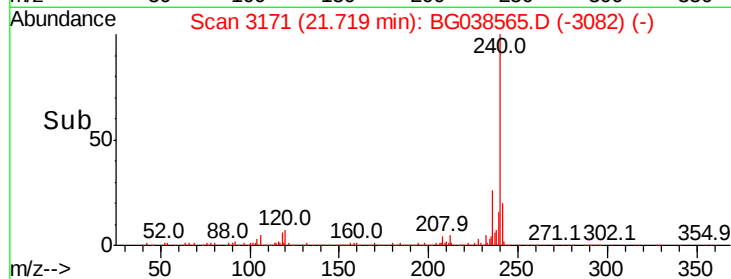
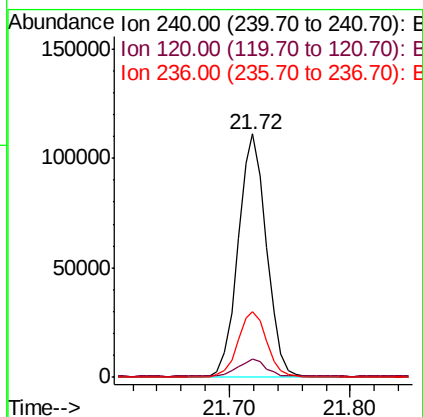
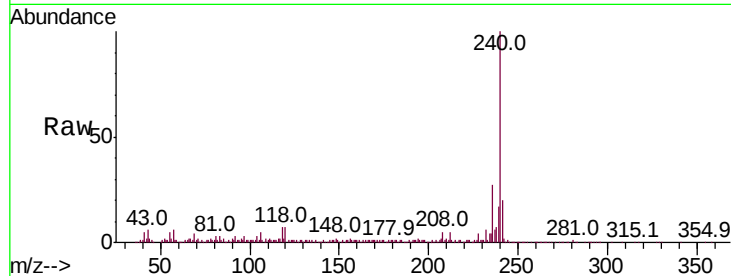
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_G
ClientSampled :
071-PIPE-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.3	7.9
236	26.8	21.4	32.2

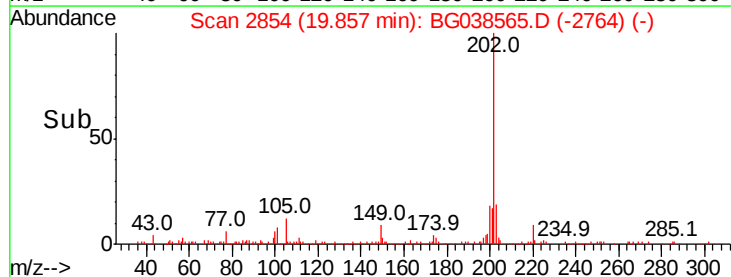
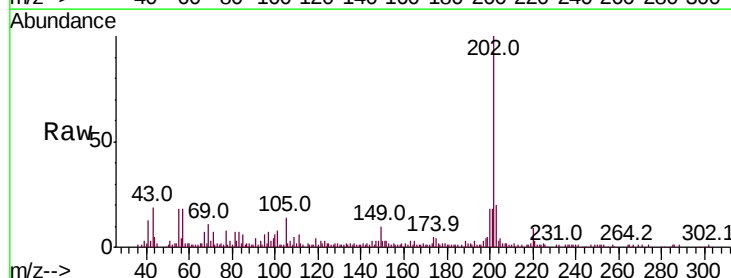
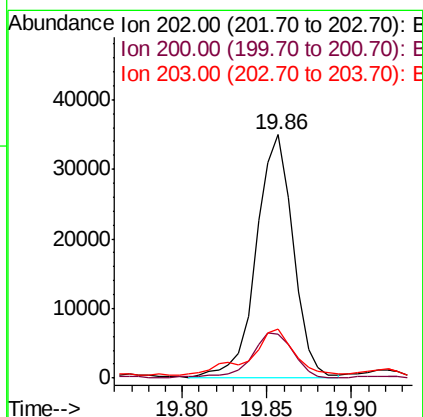
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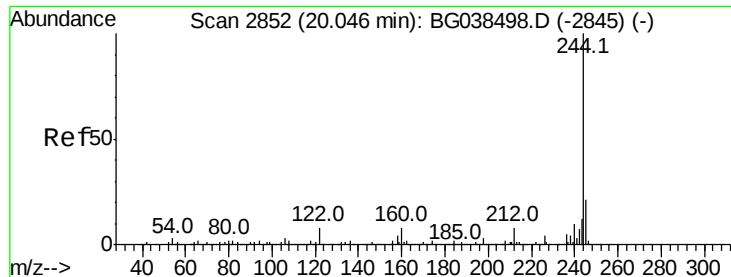
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#78
Pyrene
Concen: 4.453 ng
RT: 19.86 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.3	16.6	25.0
203	20.0	14.6	21.8





#79

Terphenyl-d14

Concen: 67.944 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038565.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_G

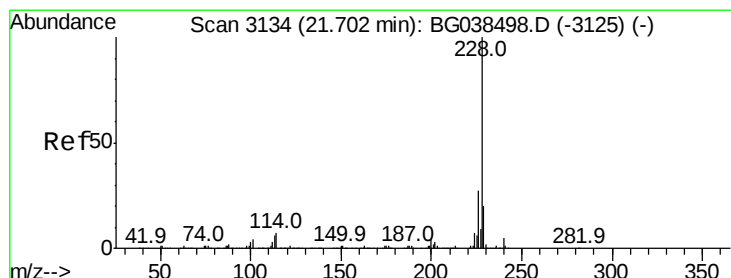
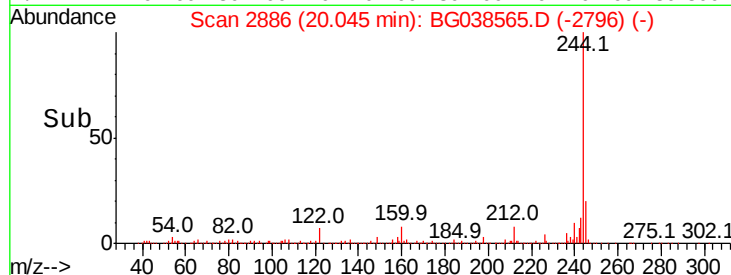
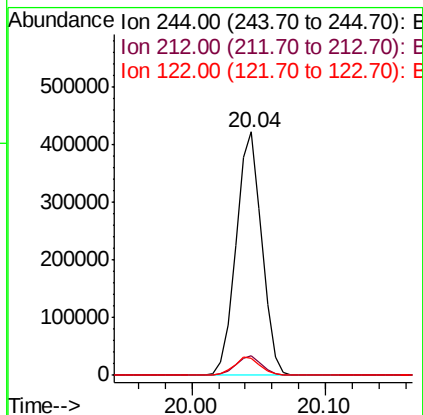
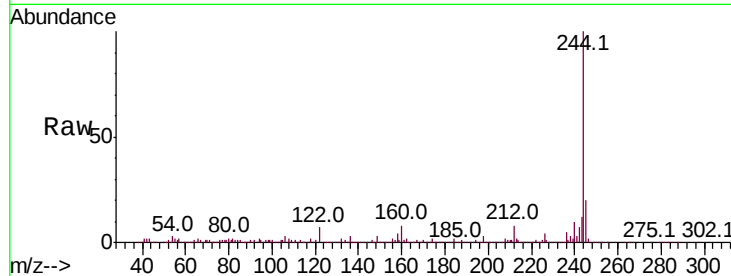
ClientSampled :

071-PIPE-1

Tot Ion:	244	Resp:	561562
Ion Ratio		Lower	Upper
244	100		
212	7.9	6.2	9.2
122	6.8	6.3	9.5

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#81

Benzo(a)anthracene

Concen: 2.293 ng m

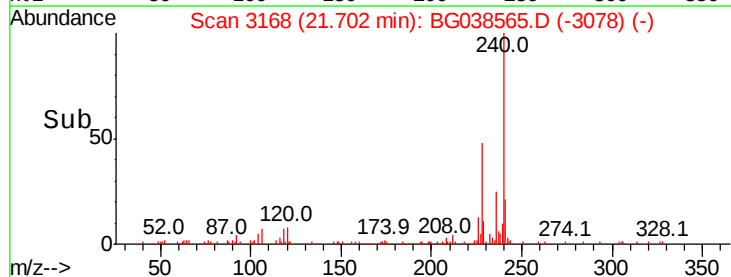
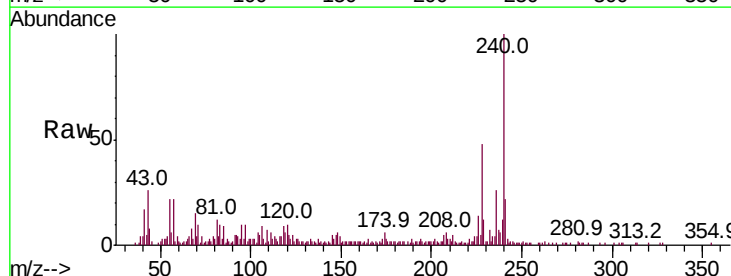
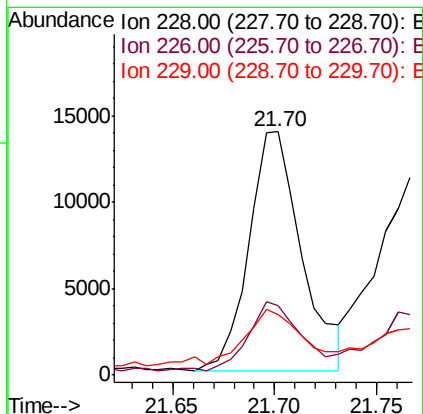
RT: 21.70 min Scan# 3168

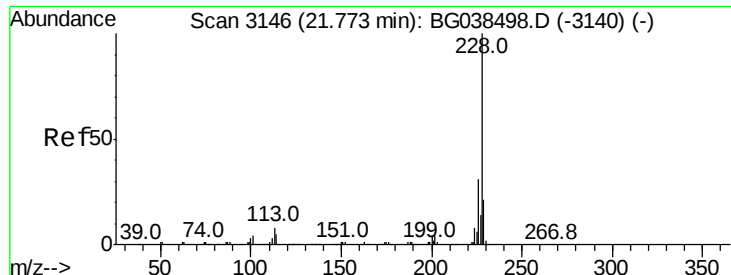
Delta R.T. -0.00 min

Lab File: BG038565.D

Acq: 14 Dec 2018 12:28

Tgt Ion:	228	Resp:	25131
Ion Ratio		Lower	Upper
228	100		
226	28.7	21.8	32.8
229	25.1	15.8	23.6#





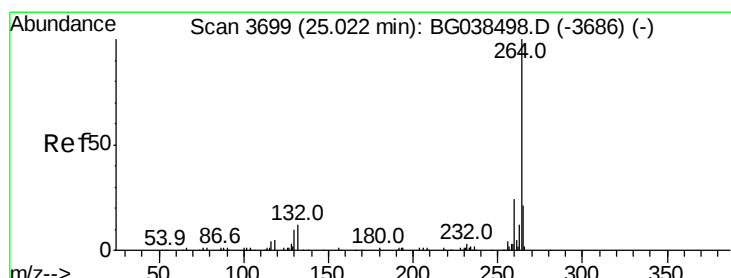
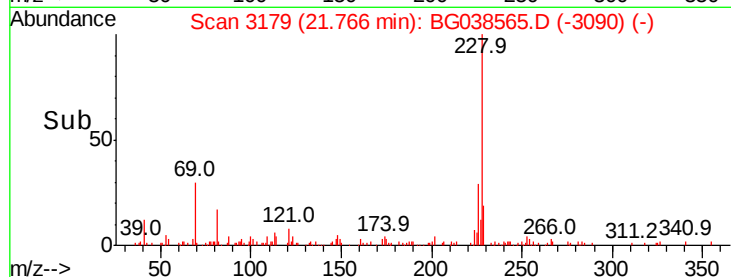
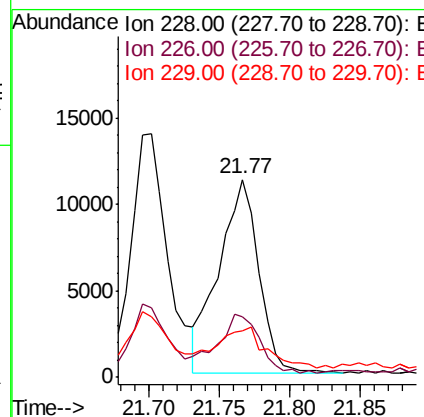
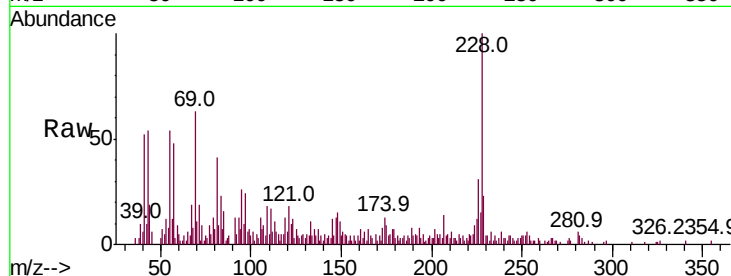
#83
Chrysene
Concen: 2.084 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_G
ClientSampled :
071-PIPE-1

Tot Ion:	228	Resp:	22003
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.4
229	23.4	16.5	24.7

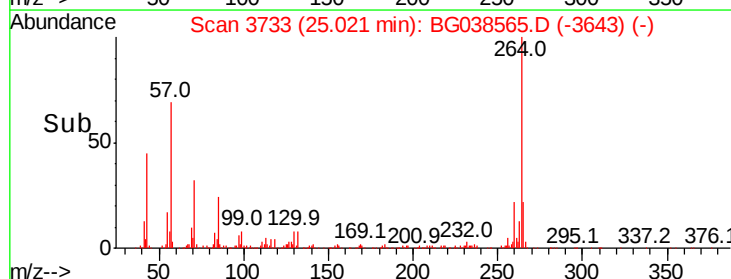
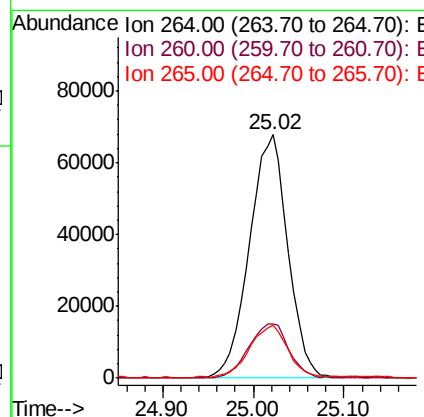
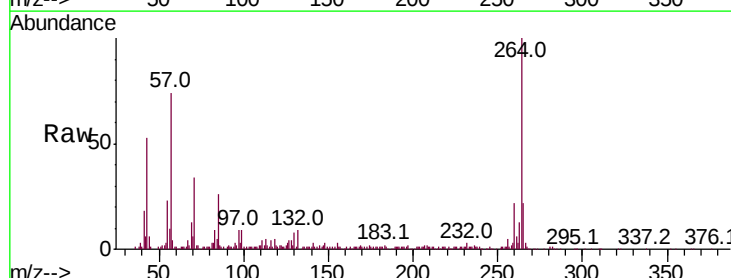
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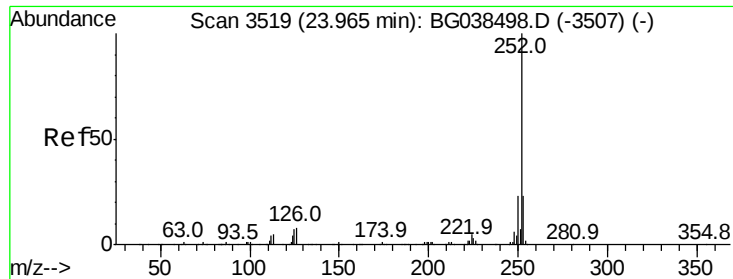
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#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Tgt Ion:	264	Resp:	199030
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.9	28.3
265	21.9	17.0	25.4





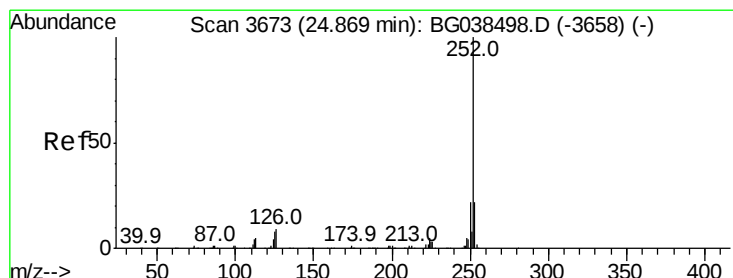
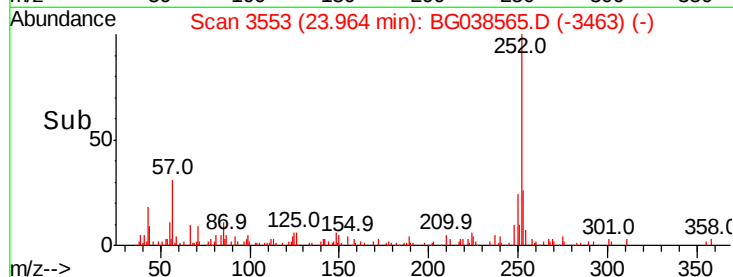
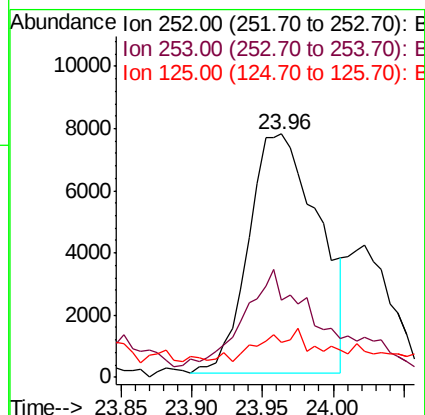
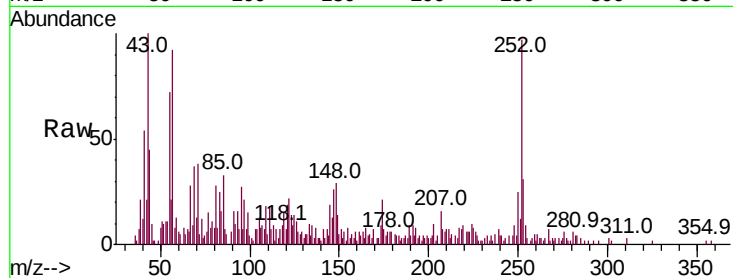
#88
Benzo(b)fluoranthene
Concen: 2.429 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_G
ClientSampleId :
071-PIPE-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.1	27.1#
125	14.5	5.5	8.3#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.301 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038565.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	10.7	6.4	9.6#

