

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036854.D
 Acq On : 21 Sep 2018 11:23
 Operator : JU/SJ
 Sample : J4870-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:30 AM

Quant Time: Sep 21 13:58:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55215	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	253734	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	176595	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	450963	20.00	ng	0.00
75) Chrysene-d12	21.70	240	430692	20.00	ng	0.00
86) Perylene-d12	24.91	264	453912	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	346931	120.50	ng	0.00
7) Phenol-d6	7.21	99	522138	117.22	ng	0.00
23) Nitrobenzene-d5	9.21	82	338106	71.36	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	227857	107.84	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	848072	71.53	ng	0.00
78) Terphenyl-d14	20.03	244	1382122	84.38	ng	0.00

Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.84	42	96644	57.162	ng	98
12) 1,3-Dichlorobenzene	7.94	146	315754	77.042	ng	98
14) 1,2-Dichlorobenzene	8.40	146	190277	46.815	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	697697	85.458	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	361501	97.555	ng	95
24) Nitrobenzene	9.25	77	179130	35.402	ng	97
25) Isophorone	9.77	82	520602	60.132	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	191894	42.104	ng	99
31) Naphthalene	10.91	128	1322529	109.546	ng	98
40) Hexachlorocyclopentadiene	12.85	237	218842	69.084	ng	97
46) 2-Chloronaphthalene	13.55	162	356266	33.496	ng	99
48) Acenaphthylene	14.40	152	1305675	78.340	ng	99
51) Acenaphthene	14.74	154	716769	71.158	ng	98
57) Fluorene	15.73	166	1336687	104.963	ng	99
59) Diethylphthalate	15.49	149	826051	57.617	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	136076	16.873	ng	95
61) 4-Nitroaniline	15.73	138	18469	5.373	ng	# 14
67) Hexachlorobenzene	16.73	284	204579	38.724	ng	97
70) Phenanthrene	17.47	178	2396440	110.274	ng	# 87
71) Anthracene	17.47	178	2396440	111.522	ng	# 87
73) Di-n-butylphthalate	18.38	149	2117016	90.987	ng	# 93
77) Pyrene	19.84	202	1928815	74.630	ng	94
80) Benzo(a)anthracene	21.68	228	1934123	76.930	ng	92
82) Chrysene	21.75	228	2332073m	96.003	ng	
83) Bis(2-ethylhexyl)phthalate	21.57	149	1046196	72.697	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1059863	40.630	ng	# 95
87) Benzo(b)fluoranthene	23.91	252	3072965m	127.034	ng	
88) Benzo(k)fluoranthene	23.96	252	385847	15.899	ng	99
89) Benzo(a)pyrene	24.78	252	2982003	127.510	ng	96
90) Dibenzo(a,h)anthracene	28.64	278	1269515	57.921	ng	97

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

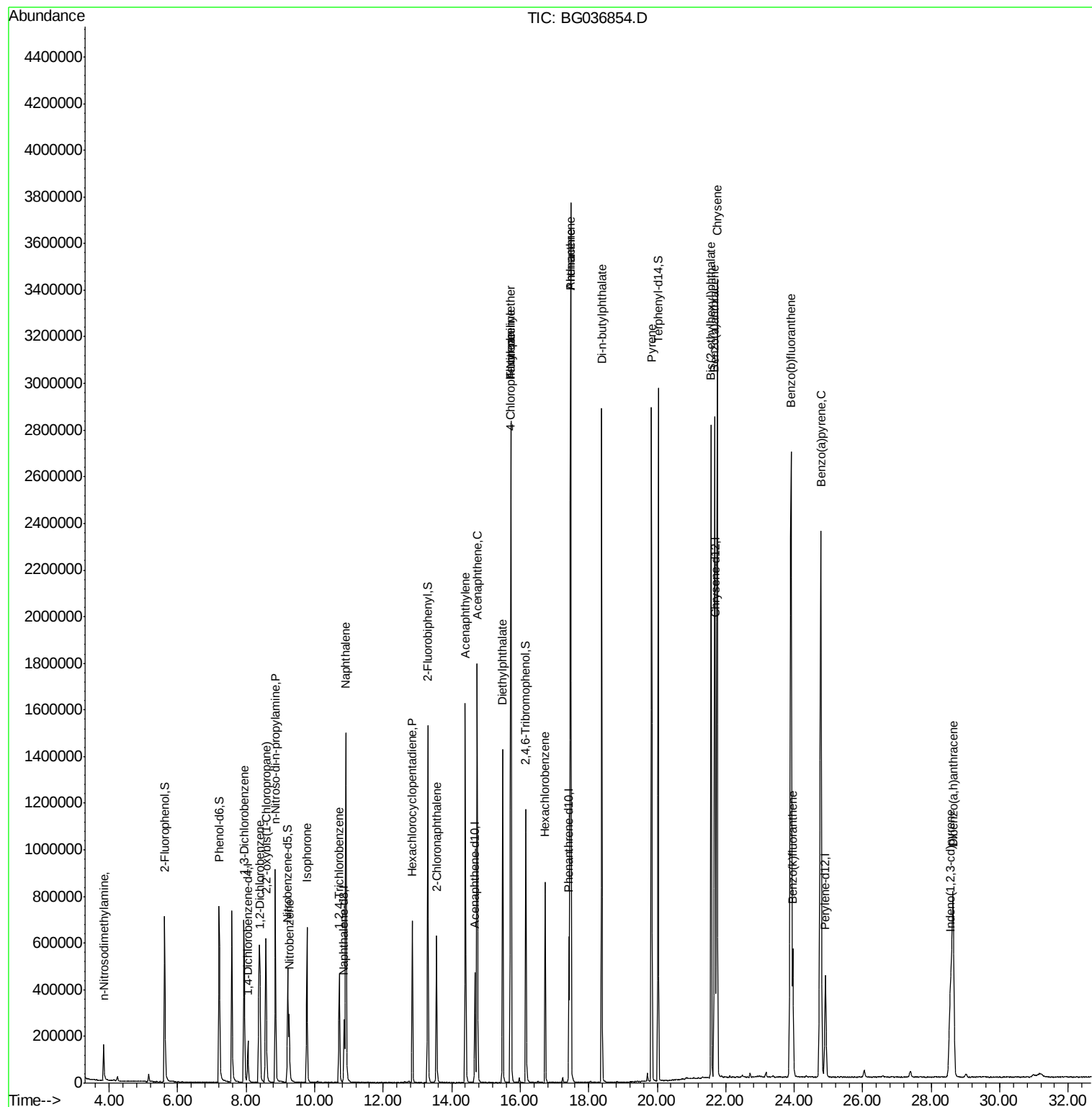
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036854.D
Acq On : 21 Sep 2018 11:23
Operator : JU/SJ
Sample : J4870-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

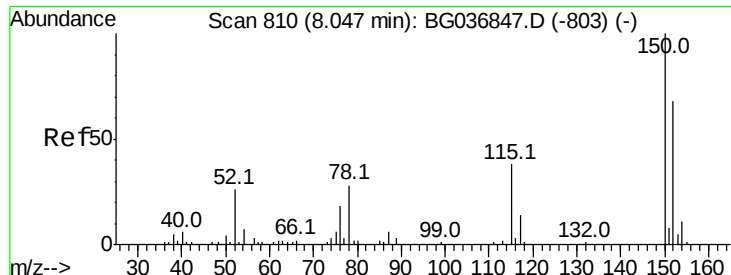
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

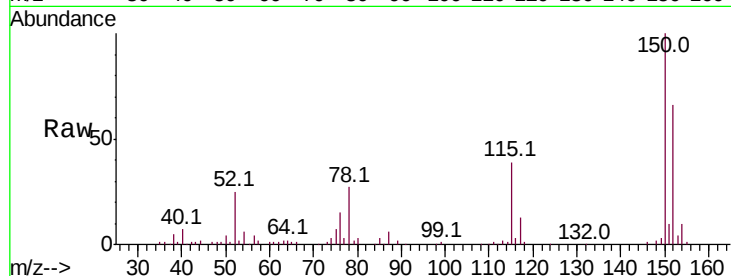
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Instrument :
BNA_G
ClientSampled :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.5	179.3
115	58.8	44.5	66.7

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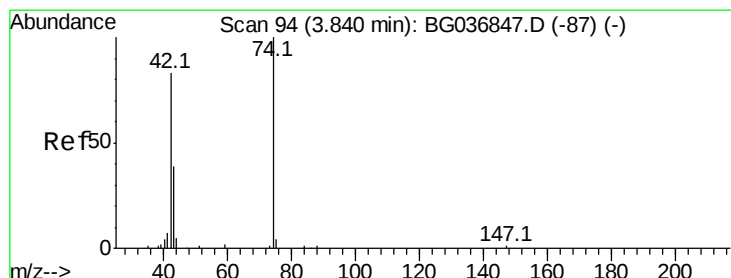
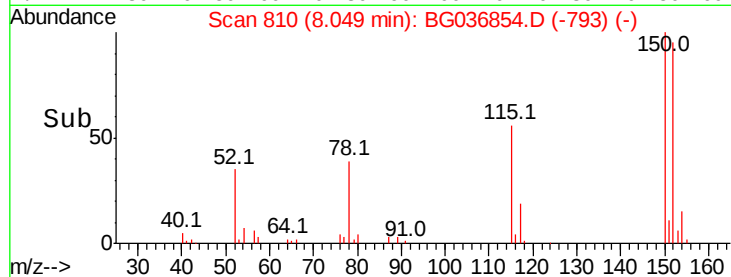
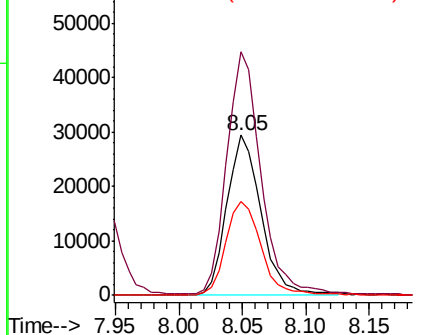


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

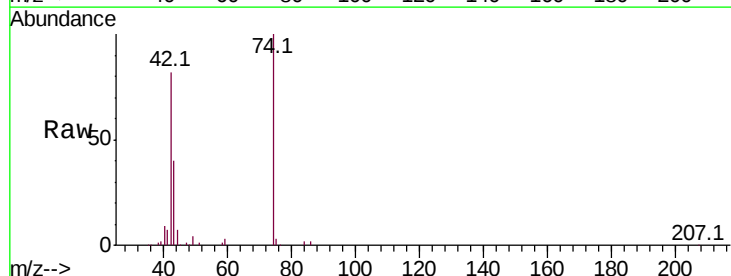
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 57.162 ng
RT: 3.84 min Scan# 93
Delta R.T. -0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.5	96.6	145.0
44	9.1	7.0	10.4

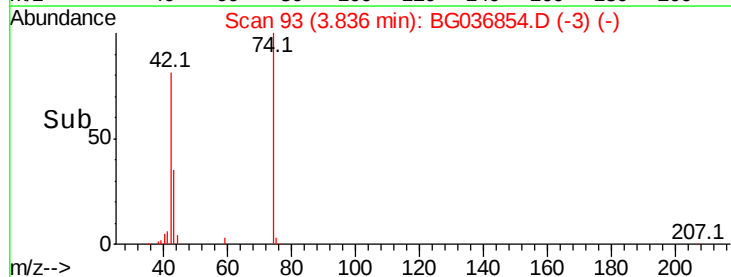
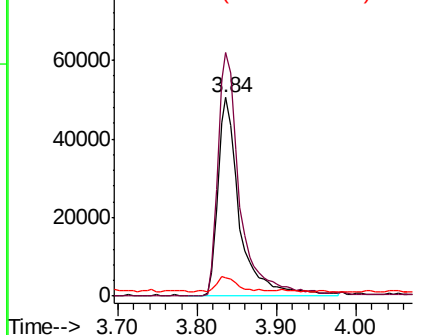


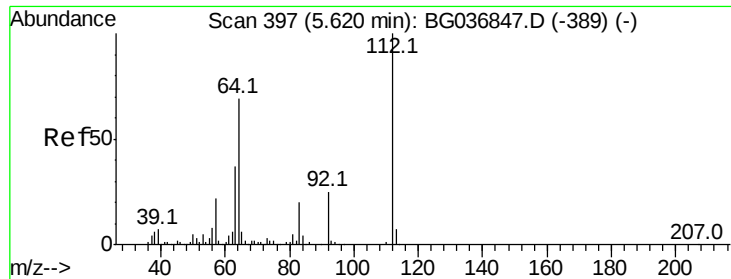
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 120.500 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

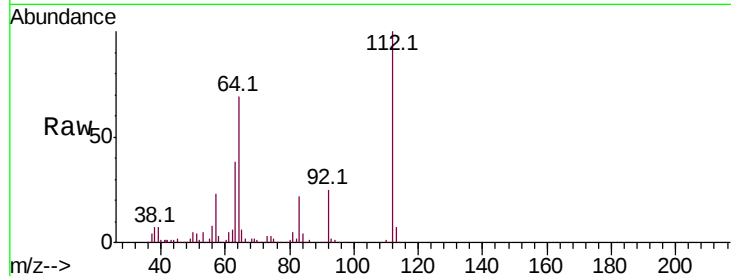
Tot Ion:	112	Resp:	346931
Ion Ratio	Lower	Upper	
112	100		
64	69.3	57.2	85.8
63	38.0	30.8	46.2

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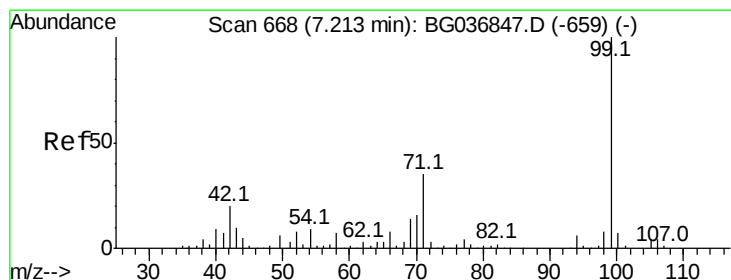
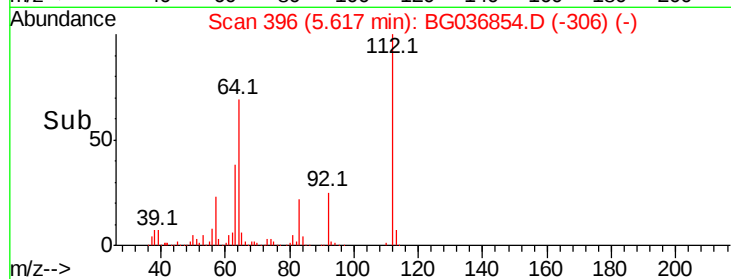
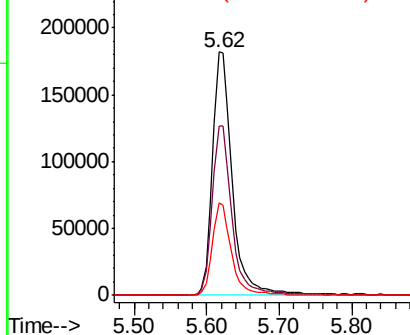
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 117.217 ng

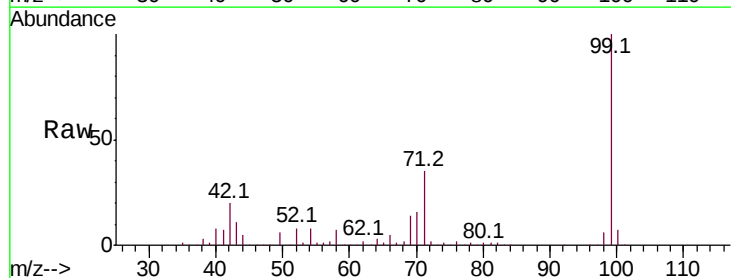
RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

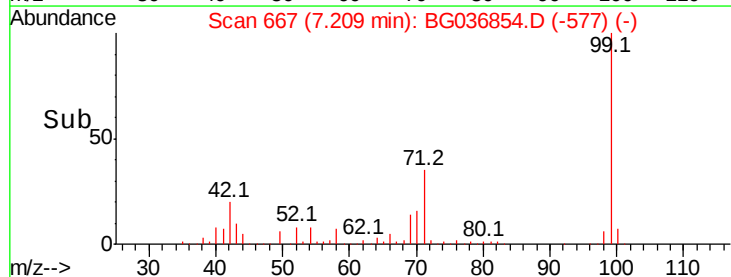
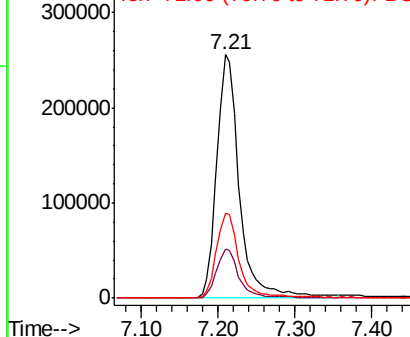
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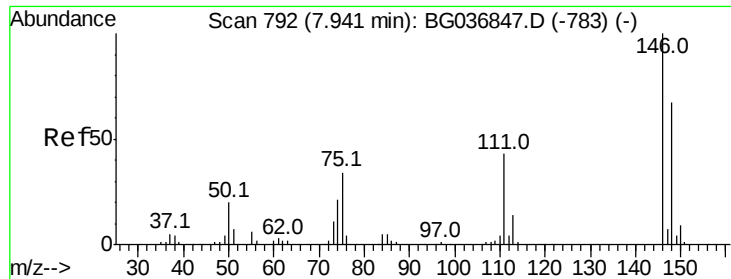
Acq: 21 Sep 2018 11:23

Tgt Ion:	99	Resp:	522138
Ion Ratio	Lower	Upper	
99	100		
42	19.9	16.5	24.7
71	34.9	29.4	44.2



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





#12

1,3-Dichlorobenzene

Concen: 77.042 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampled :

PT-BN-WP

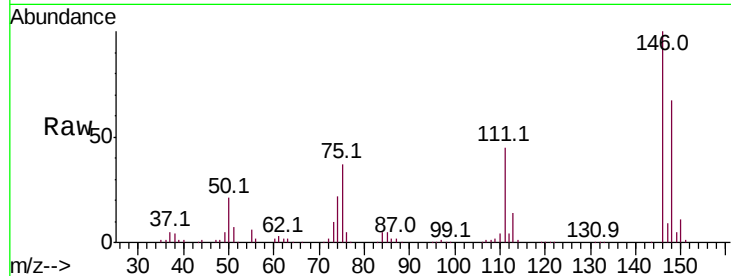
Tot Ion:	146	Resp:	315754
Ion Ratio	Lower	Upper	
146	100		
148	67.0	53.8	80.6
75	37.2	27.2	40.8

Manual Integrations
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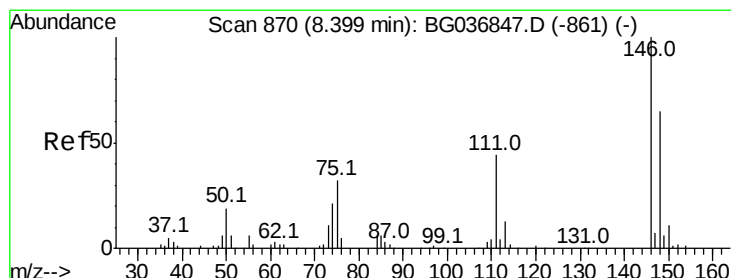
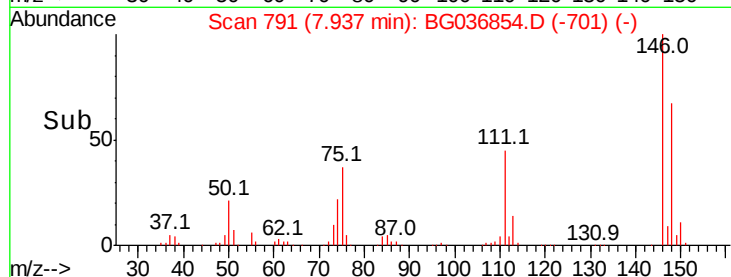
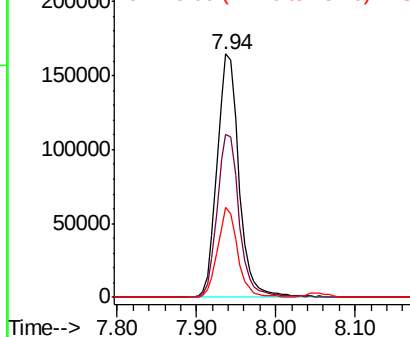
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC



#14

1,2-Dichlorobenzene

Concen: 46.815 ng

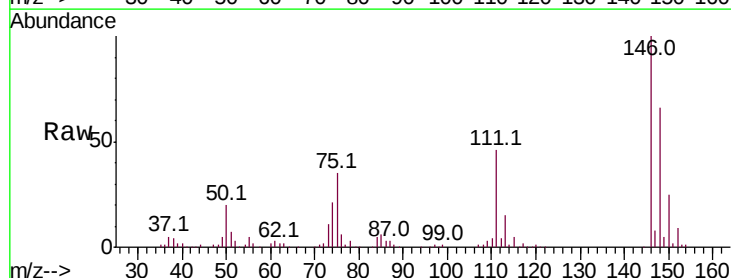
RT: 8.40 min Scan# 870

Delta R.T. 0.00 min

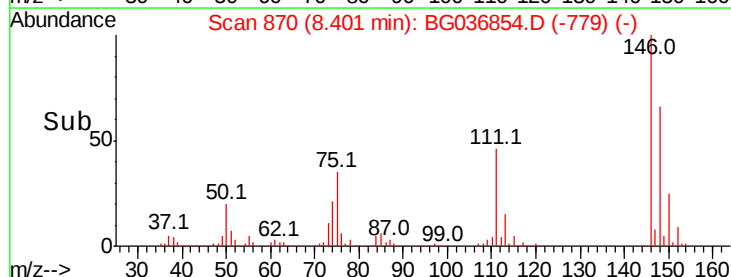
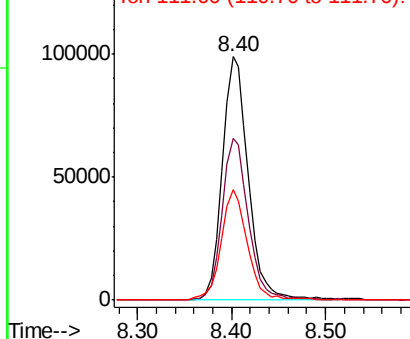
Lab File: BG036854.D

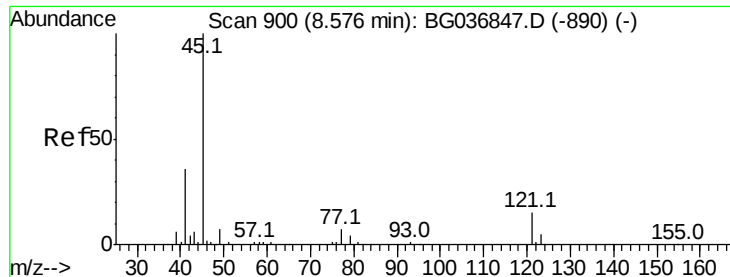
Acq: 21 Sep 2018 11:23

Tgt Ion:	146	Resp:	190277
Ion Ratio	Lower	Upper	
146	100		
148	66.4	55.0	82.6
111	45.5	34.6	51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#16
2,2'-oxvbis(1-Chloropropane)
Concen: 85.458 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

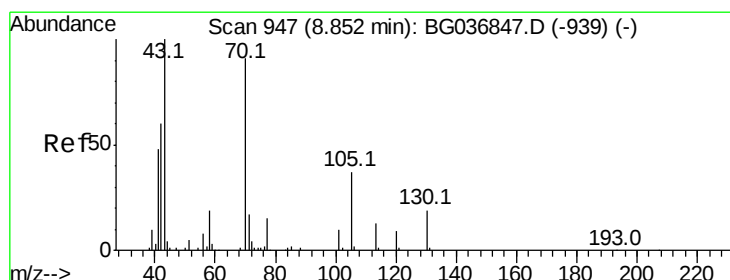
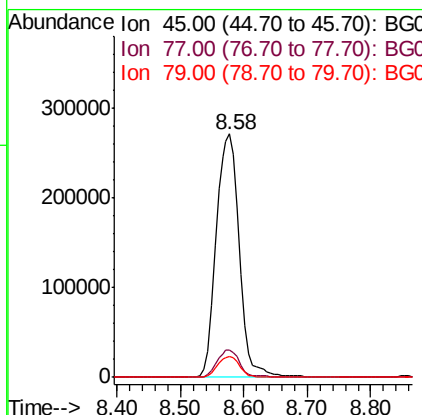
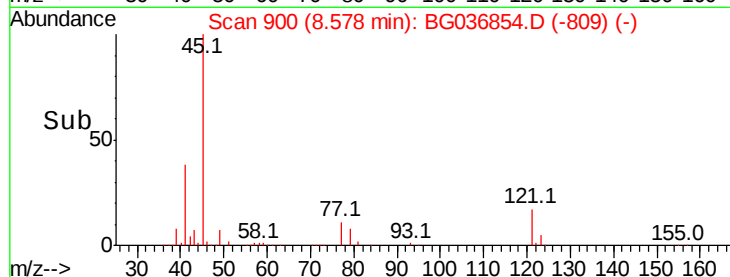
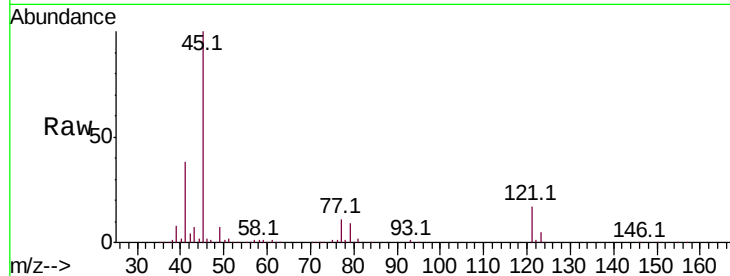
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	11.1	0.0	30.5
79	8.7	0.0	27.9

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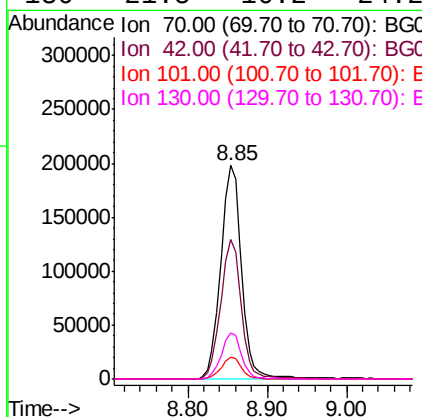
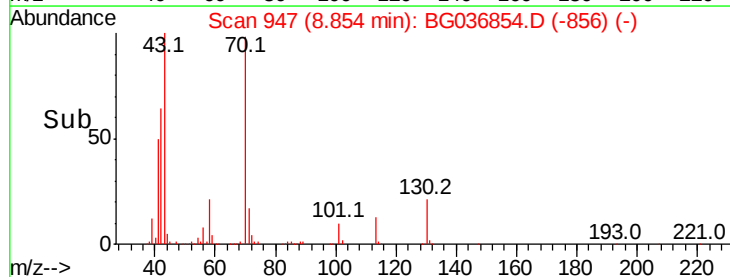
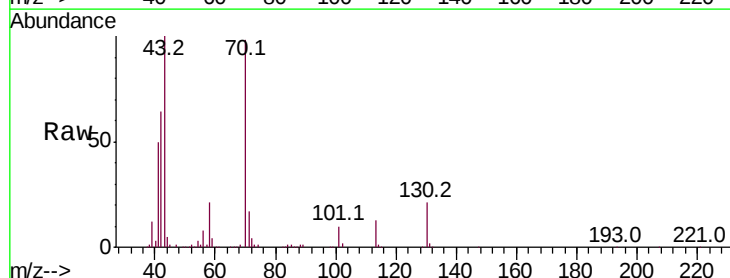
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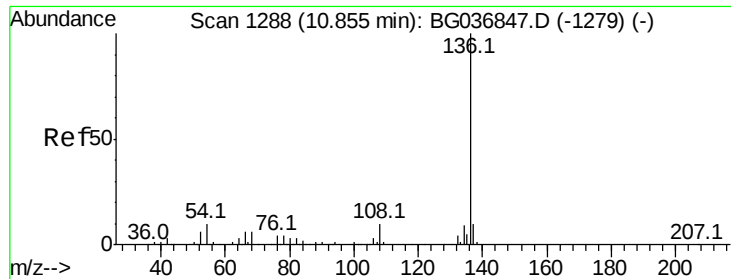
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#19
n-Nitroso-di-n-propylamine
Concen: 97.555 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	65.1	56.2	84.4
101	10.4	7.8	11.6
130	21.5	16.2	24.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

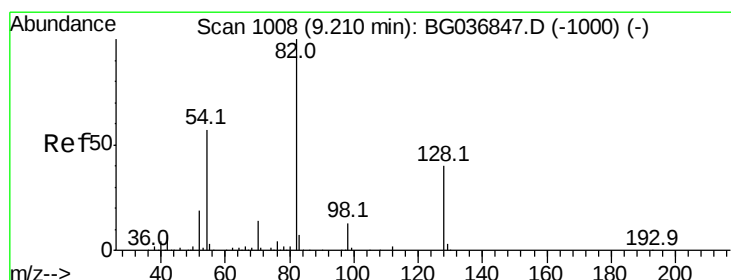
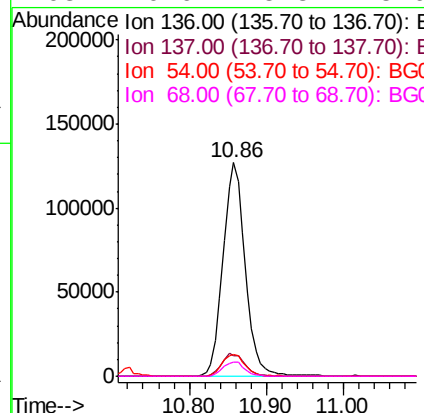
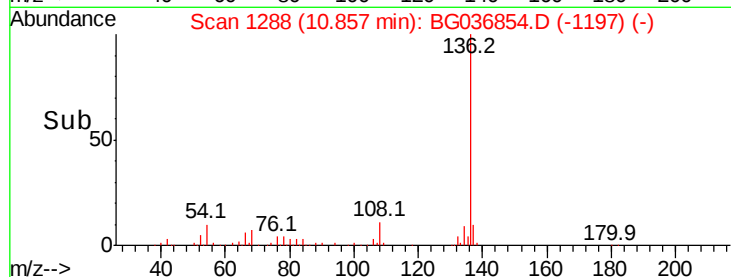
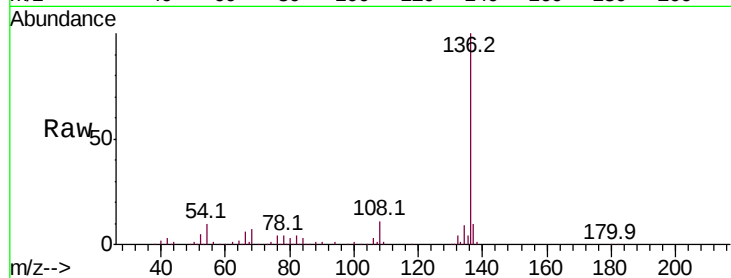
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	253734		
137	9.9	8.8	13.2	
54	10.3	9.2	13.8	
68	6.6	5.8	8.6	

Manual Integrations
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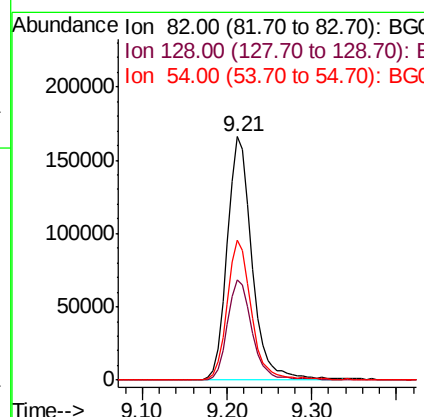
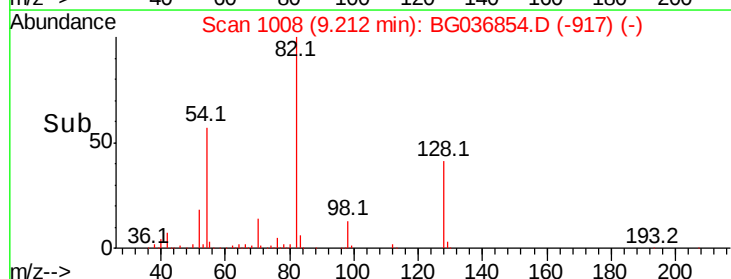
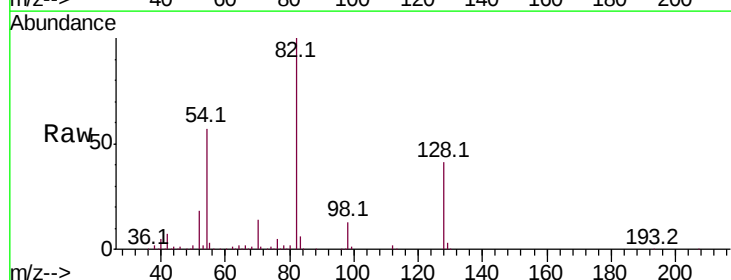
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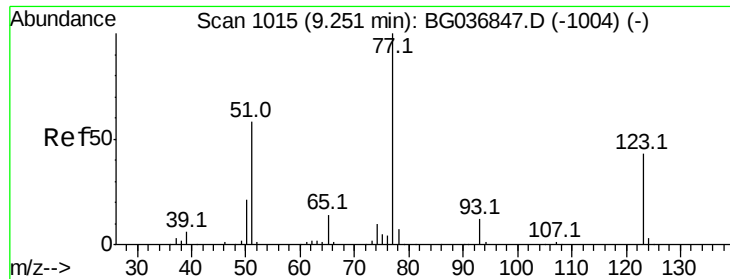
9/24/2018 9:29:30 AM



#23
Nitrobenzene-d5
Concen: 71.358 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	338106		
128	41.1	33.3	49.9	
54	57.5	45.1	67.7	





#24
 Nitrobenzene
 Concen: 35.402 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

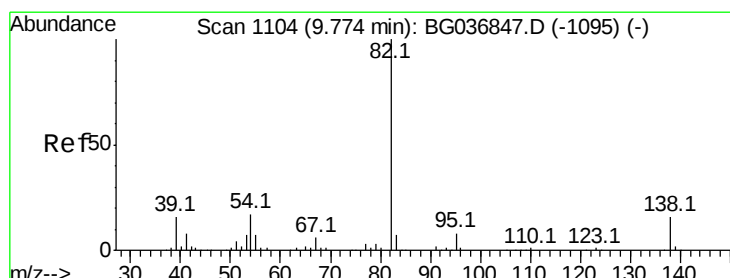
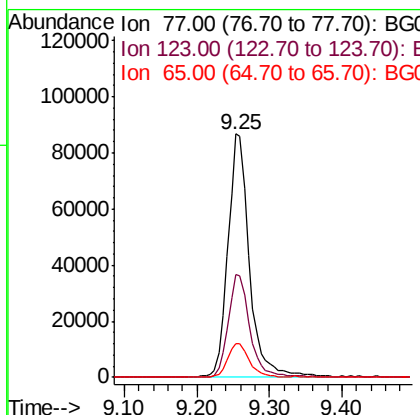
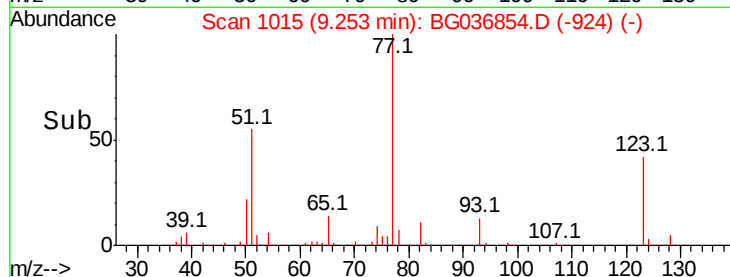
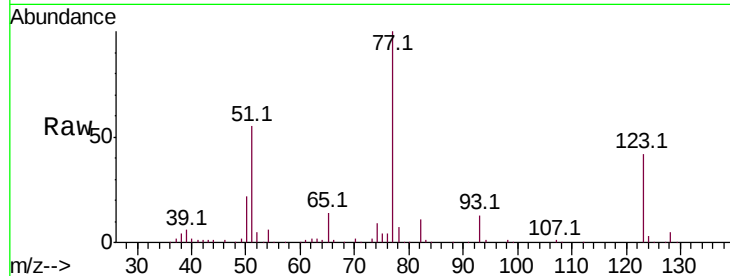
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion:	77	Resp:	179130
Ion	Ratio	Lower	Upper
77	100		
123	42.4	32.4	48.6
65	13.7	11.5	17.3

Manual Integrations
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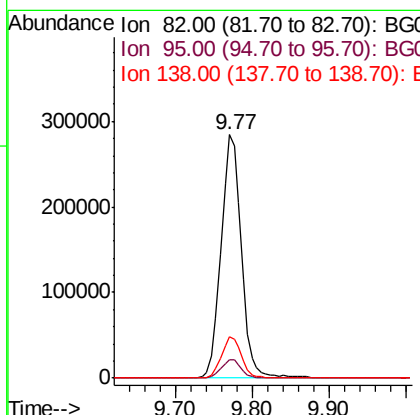
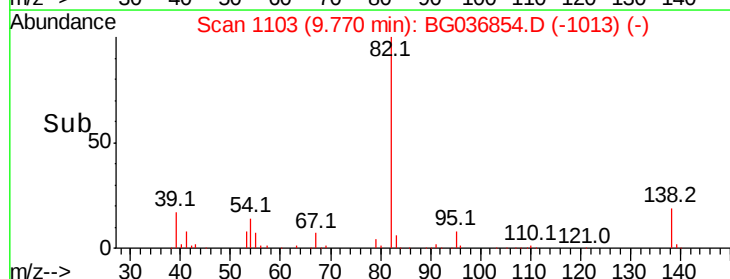
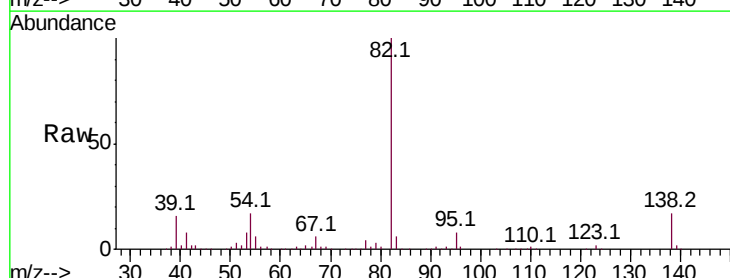
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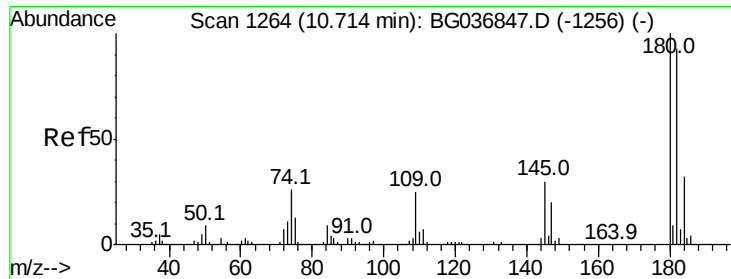
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#25
 Isophorone
 Concen: 60.132 ng
 RT: 9.77 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion:	82	Resp:	520602
Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.8	8.8
138	17.2	12.9	19.3





#30
 1,2,4-Trichlorobenzene
 Concen: 42.104 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

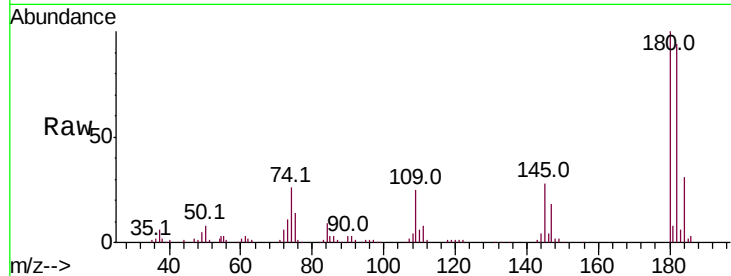
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.0	114.0
145	28.4	22.9	34.3

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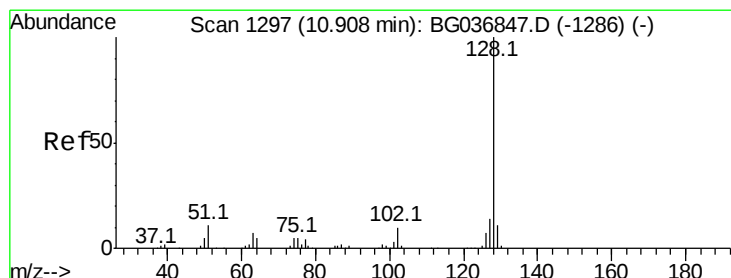
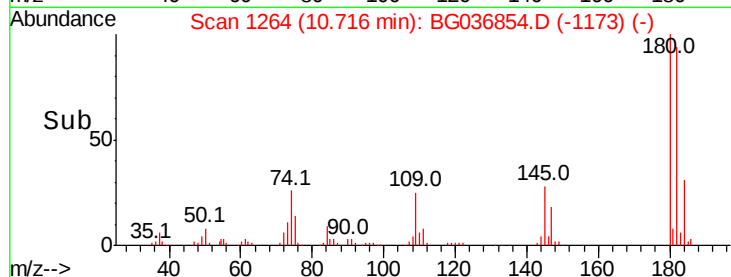
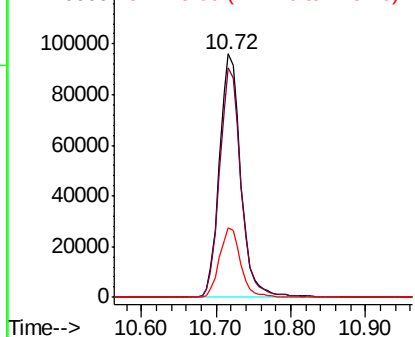


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
 Naphthalene
 Concen: 109.546 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

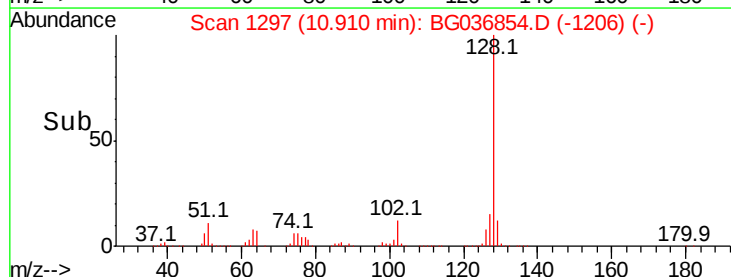
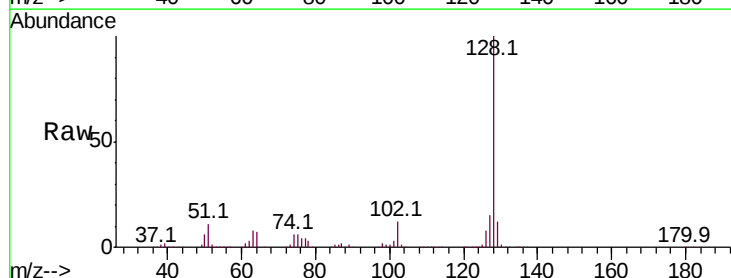
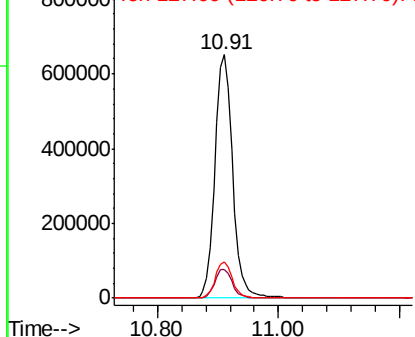
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	14.9	11.0	16.4

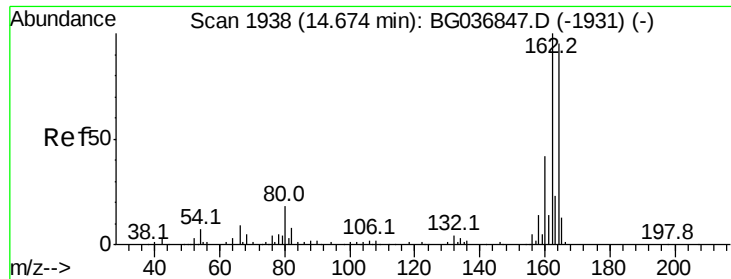
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

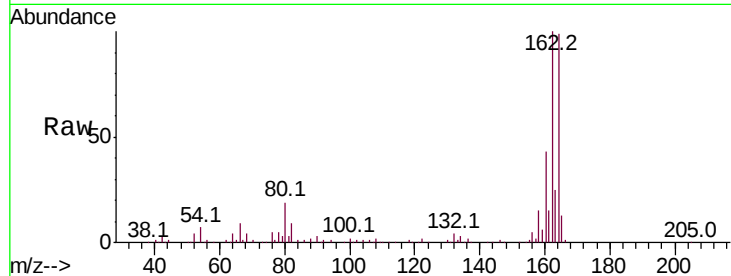
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion:	164	Resp:	176595
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.7	121.1
160	43.4	35.3	52.9

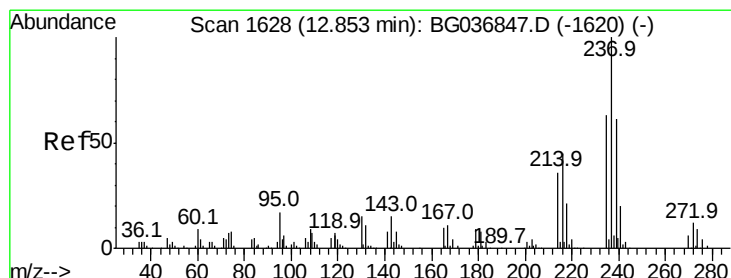
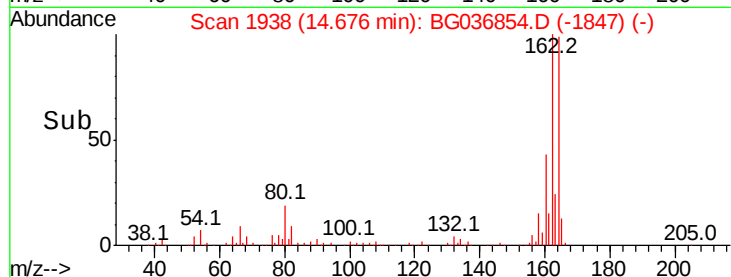
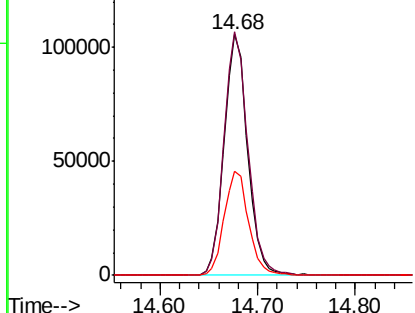
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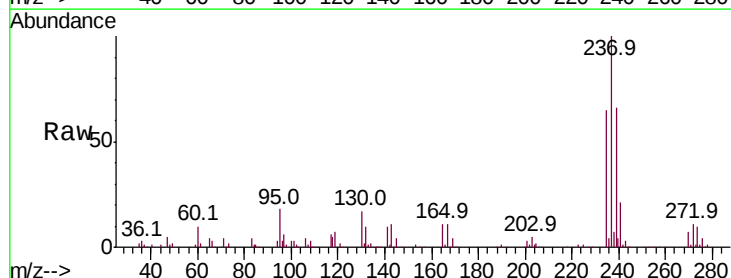


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

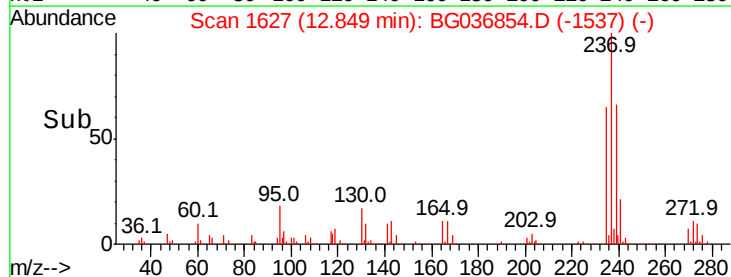
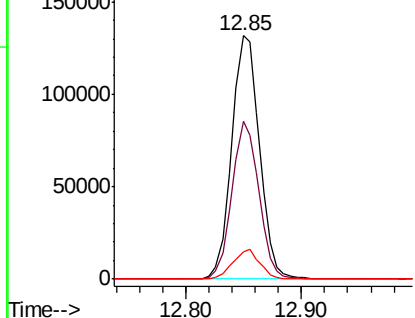


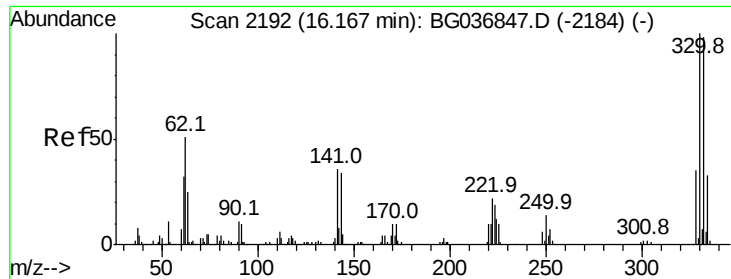
#40
 Hexachlorocyclopentadiene
 Concen: 69.084 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion:	237	Resp:	218842
Ion Ratio	Lower	Upper	
237	100		
235	64.9	42.2	82.2
272	11.5	0.0	32.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 107.843 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

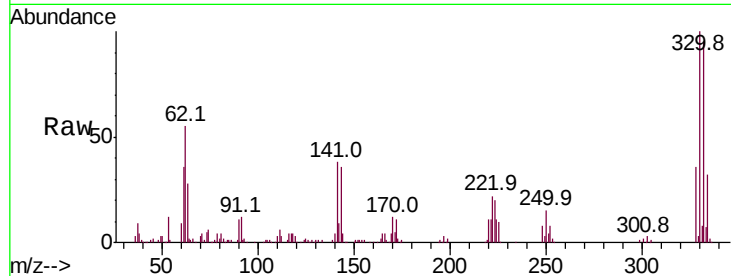
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion:	330	Resp:	227857
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.4	113.2
141	36.6	30.7	46.1

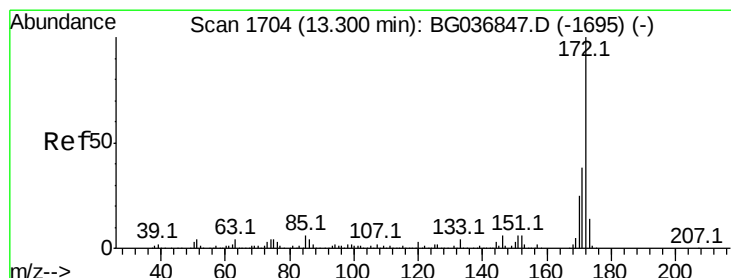
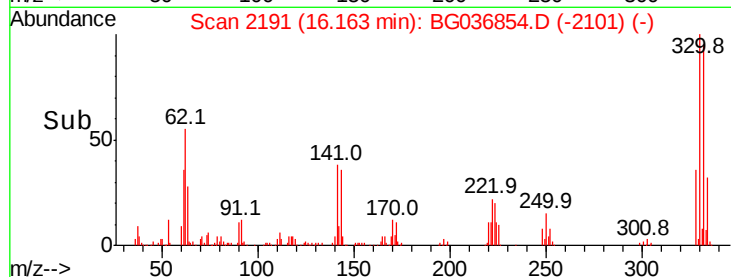
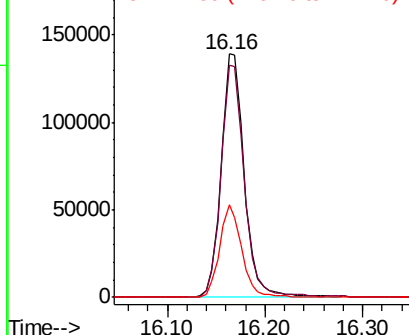
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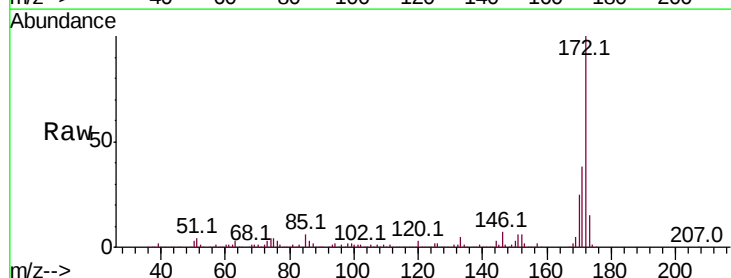


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

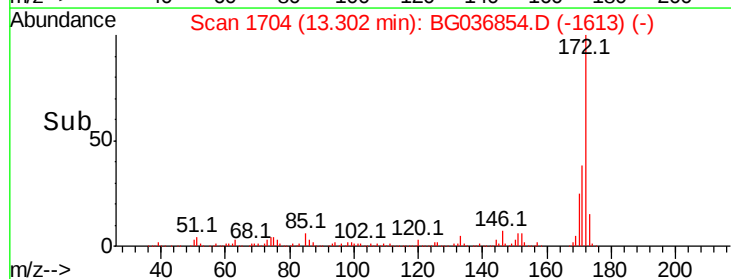
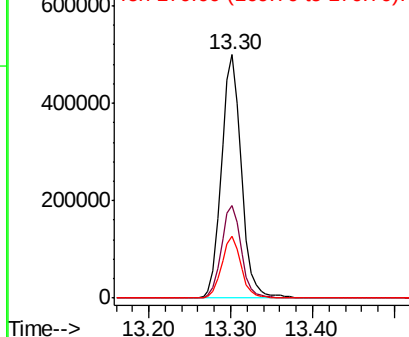


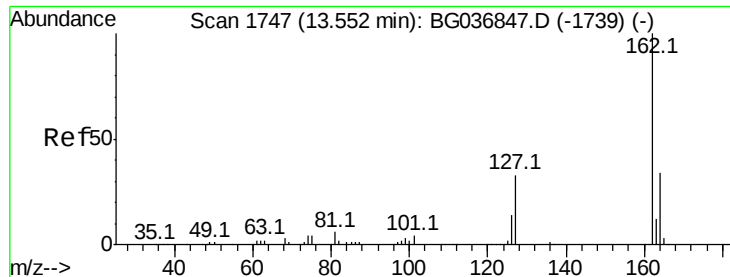
#44
 2-Fluorobiphenyl
 Concen: 71.526 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion:	172	Resp:	848072
Ion Ratio	Lower	Upper	
172	100		
171	38.2	31.3	46.9
170	25.3	21.0	31.6



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





#46
2-Chloronaphthalene
Concen: 33.496 ng
RT: 13.55 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

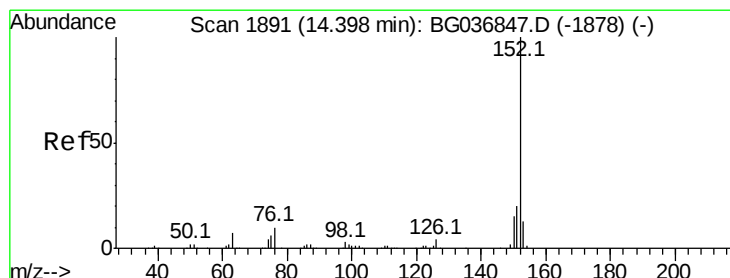
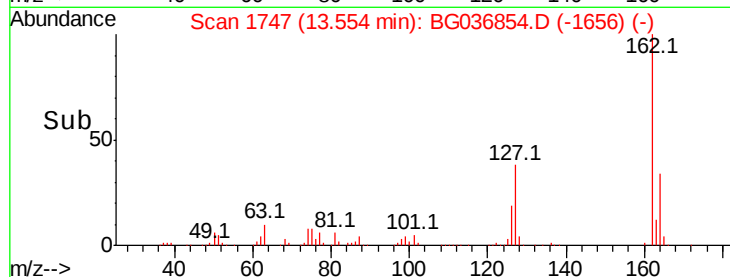
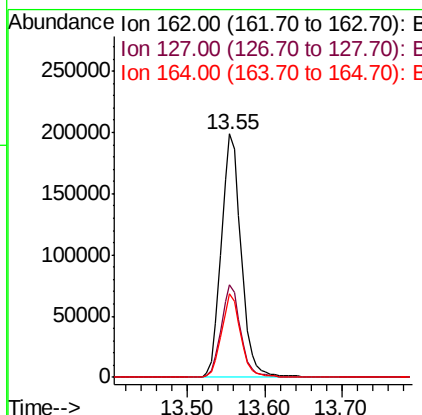
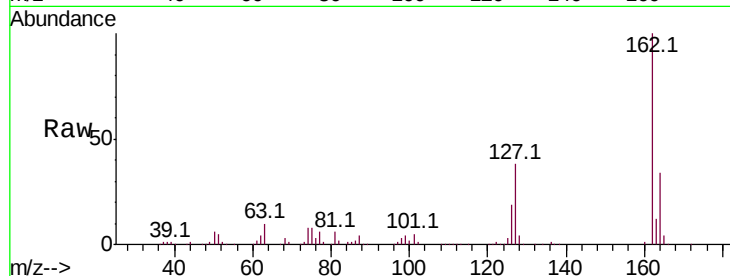
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Resp	Lower	Upper
162	100	356266		
127	38.3		30.7	46.1
164	34.4		26.7	40.1

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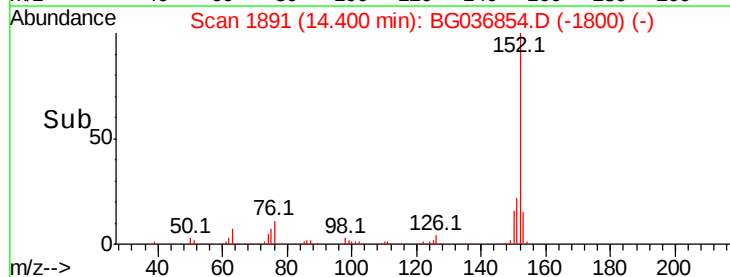
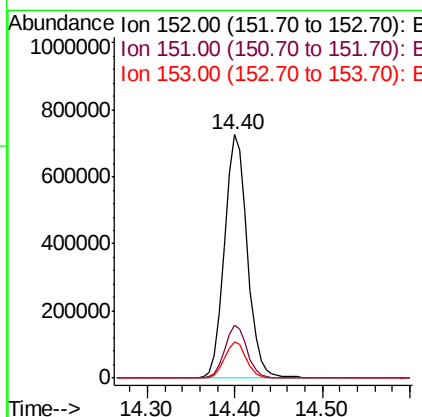
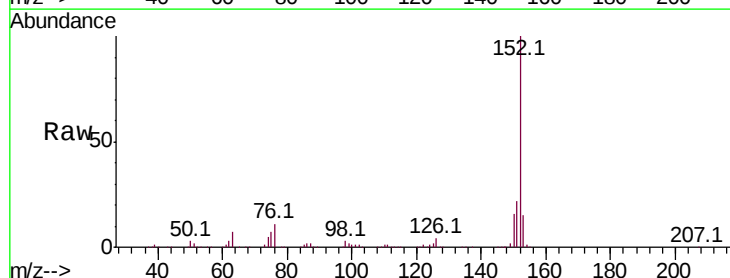
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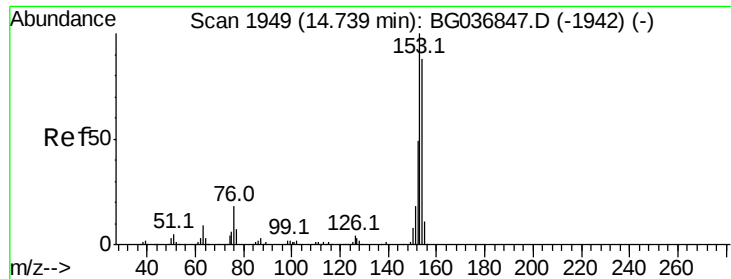
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#48
Acenaphthylene
Concen: 78.340 ng
RT: 14.40 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1305675		
151	21.6		16.9	25.3
153	14.7		11.2	16.8





#51
Acenaphthene
Concen: 71.158 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

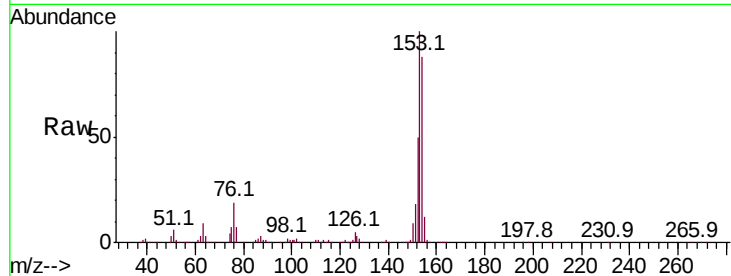
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.8	137.6
152	56.8	43.5	65.3

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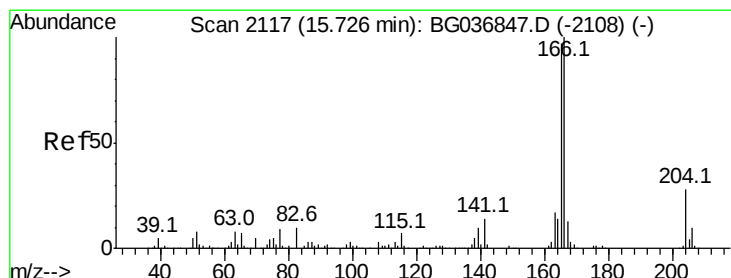
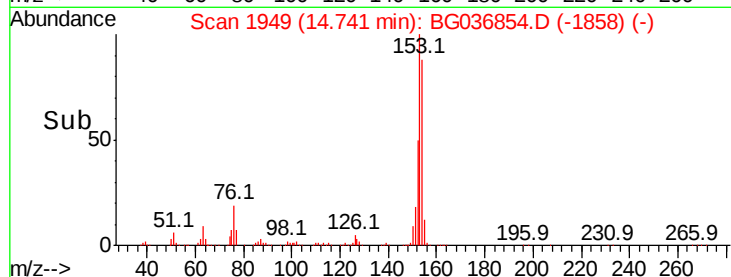
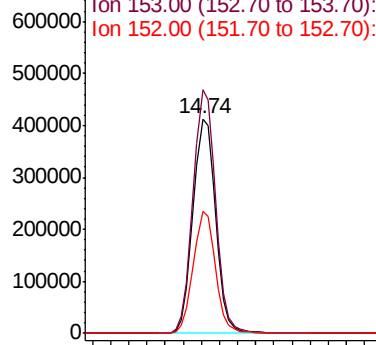


Abundance

Ion 154.00 (153.70 to 154.70): E

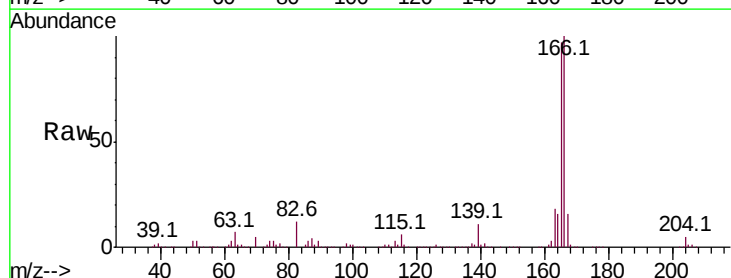
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57
Fluorene
Concen: 104.963 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.0	115.4
167	15.7	10.6	16.0

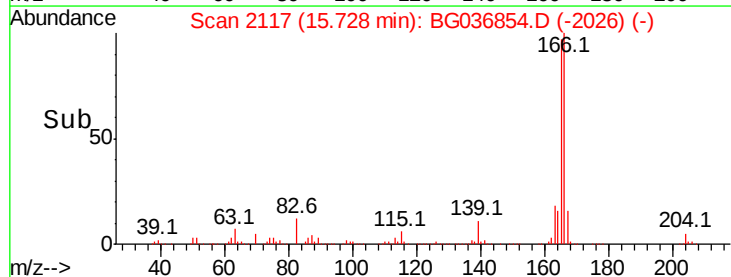
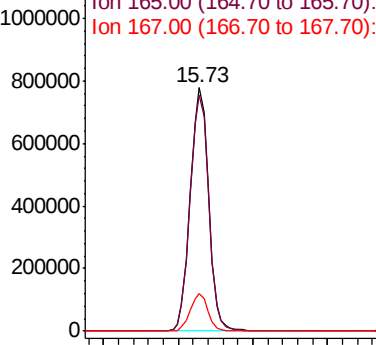


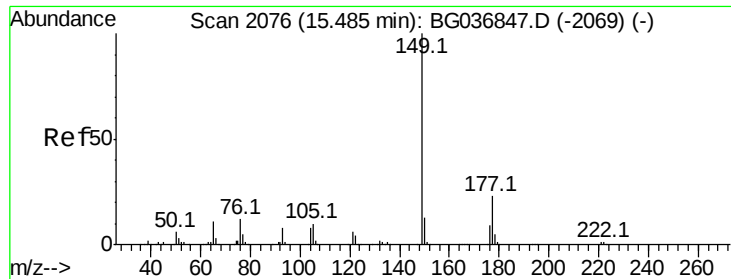
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59
Diethylphthalate
Concen: 57.617 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

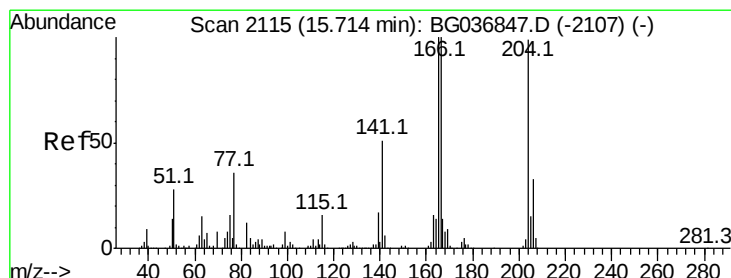
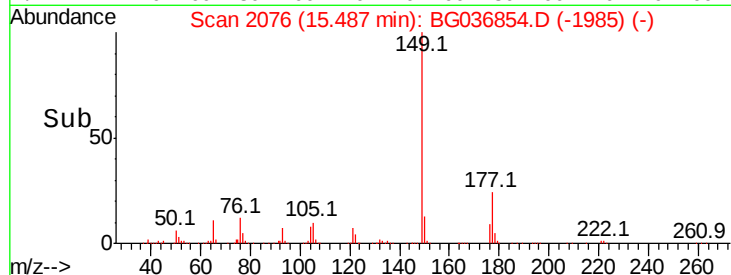
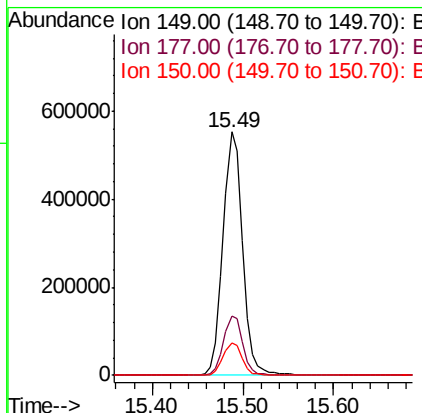
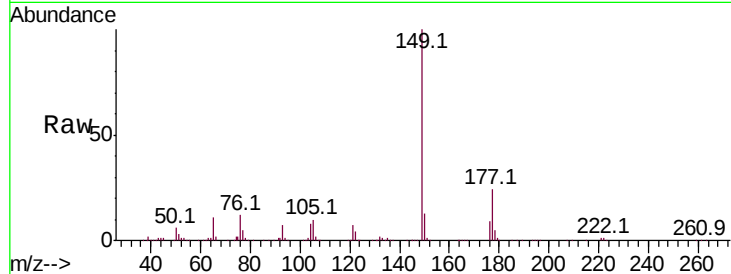
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.5	19.1	28.7	
150	13.4	10.7	16.1	

Manual Integrations
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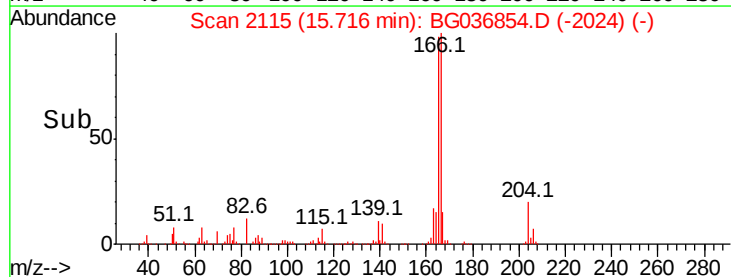
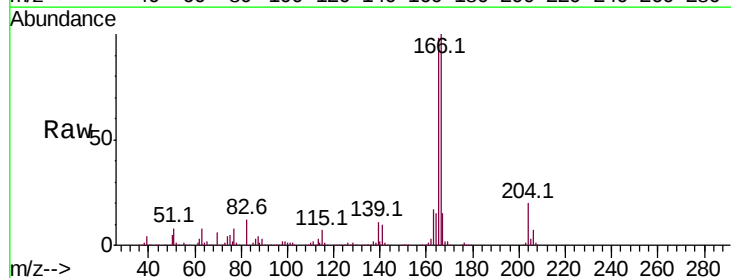
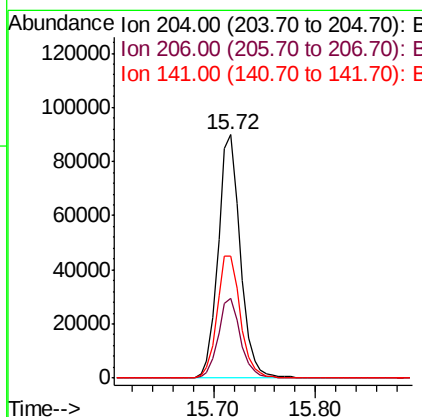
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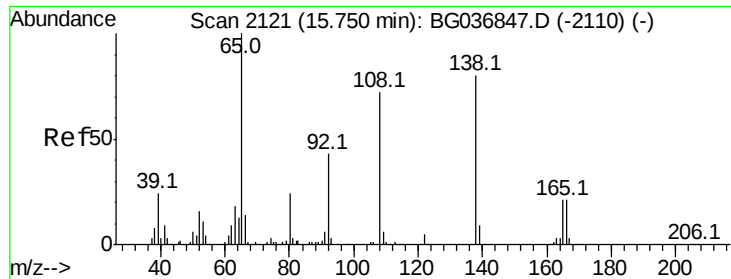
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#60
4-Chlorophenyl-phenylether
Concen: 16.873 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.9	27.0	40.4	
141	50.0	43.8	65.6	





#61
4-Nitroaniline
Concen: 5.373 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

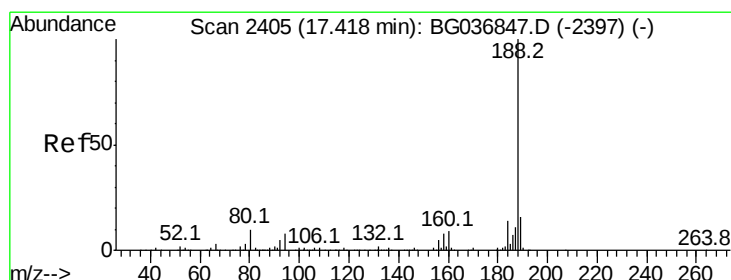
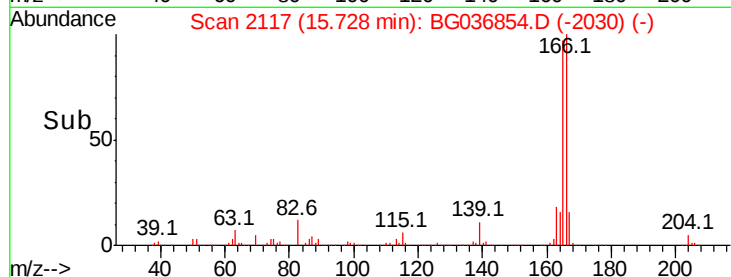
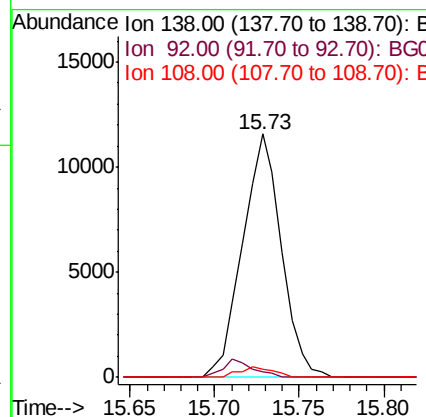
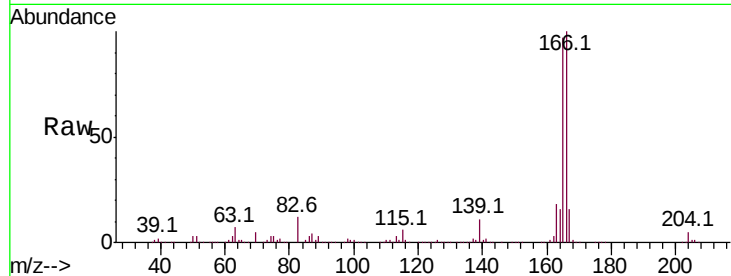
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Resp	Lower	Upper
138	100	18469		
92	2.3	38.5	78.5#	
108	3.2	70.3	110.3#	

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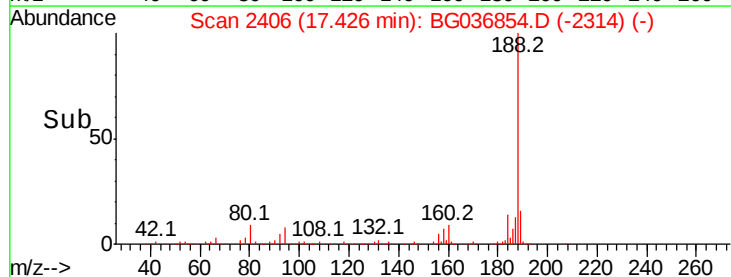
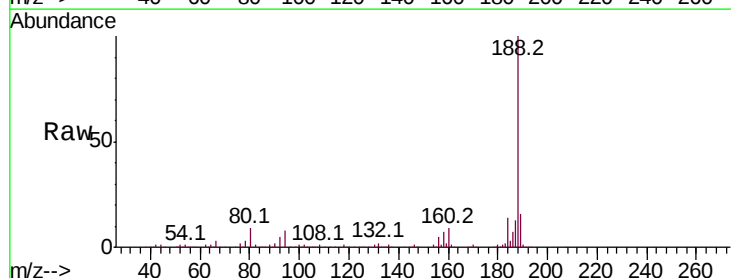
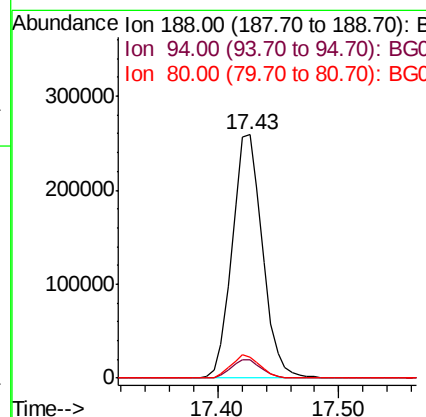
Sohil
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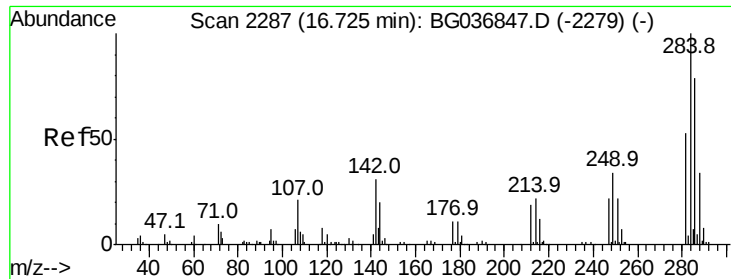
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	450963		
94	7.7	6.7	10.1	
80	8.8	8.1	12.1	





#67

Hexachlorobenzene

Concen: 38.724 ng

RT: 16.73 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

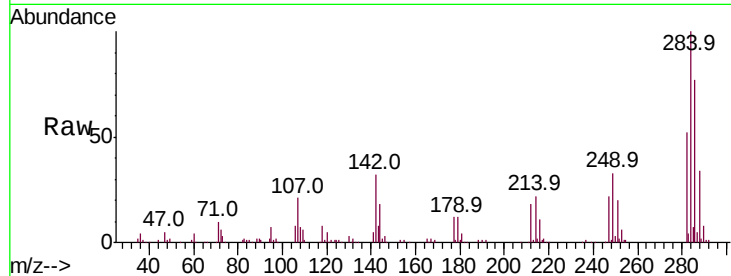
Tot Ion:	284	Resp:	204579
Ion Ratio	Lower	Upper	
284	100		
142	32.2	27.8	41.6
249	33.1	27.4	41.2

Manual Integrations
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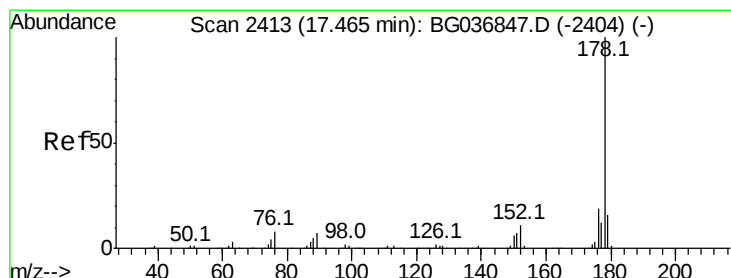
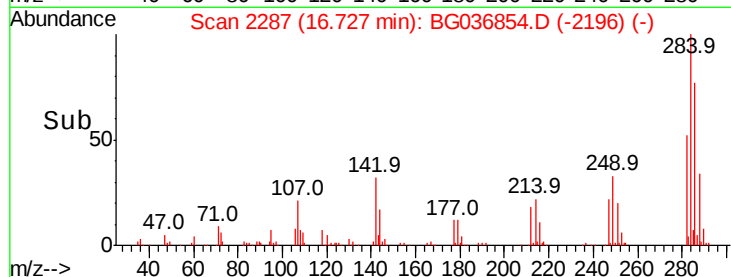
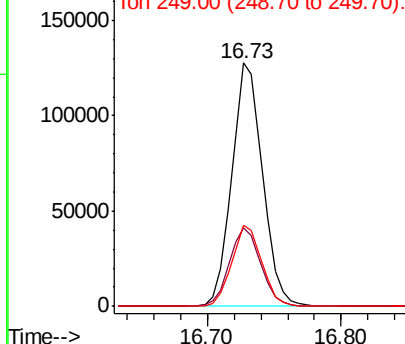
Sohil

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 110.274 ng

RT: 17.47 min Scan# 2414

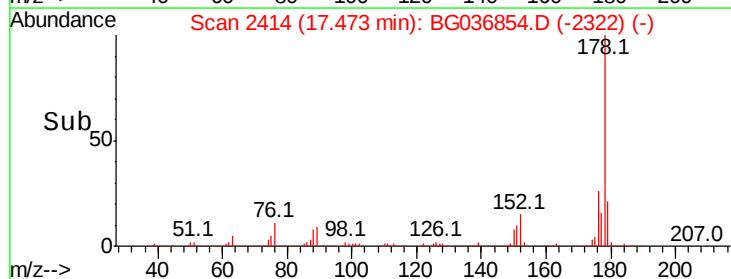
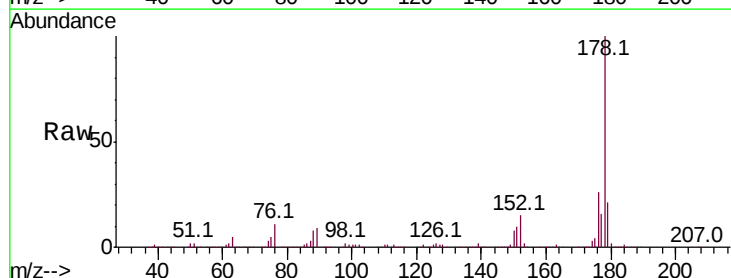
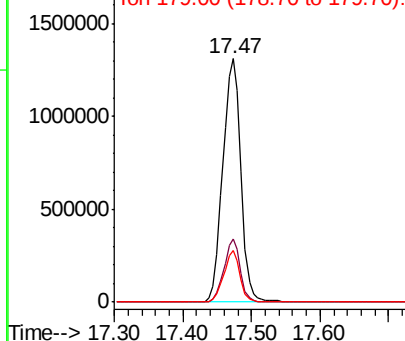
Delta R.T. 0.01 min

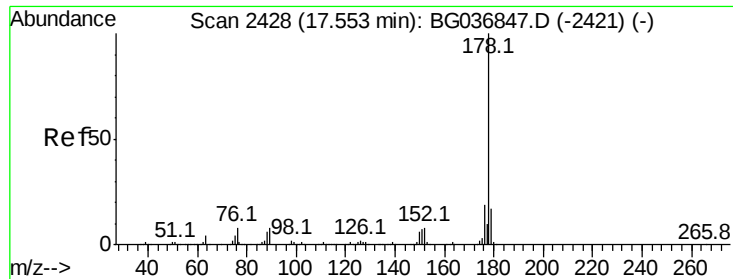
Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Tgt Ion:	178	Resp:	2396440
Ion Ratio	Lower	Upper	
178	100		
176	25.9	15.4	23.2#
179	21.3	13.4	20.2#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 111.522 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.08 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

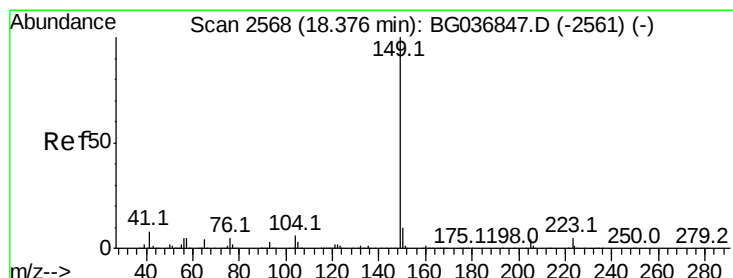
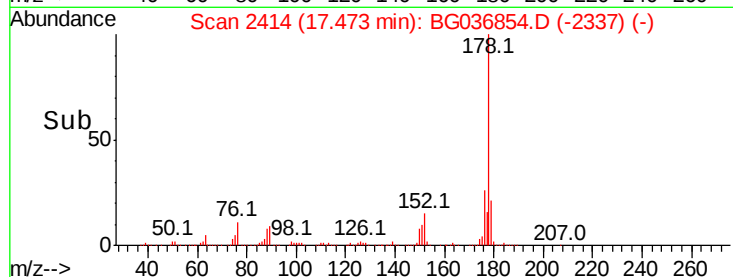
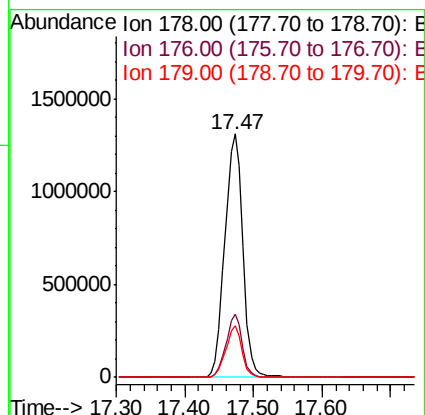
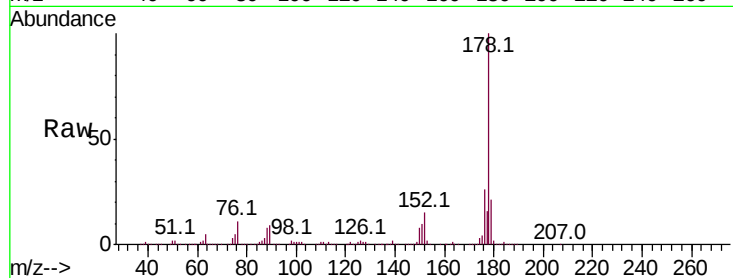
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
178	100		
176	25.9	15.4	23.2#
179	21.3	13.0	19.4#

Manual Integrations
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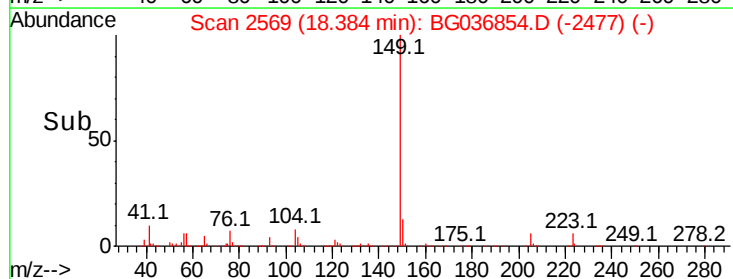
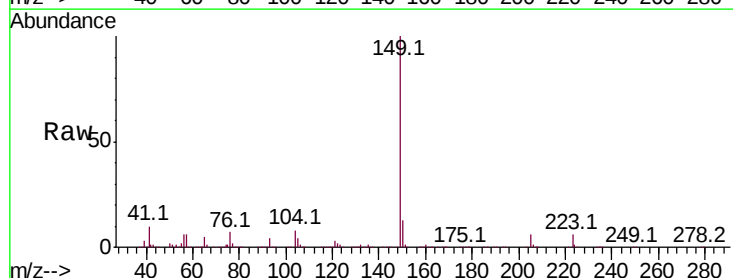
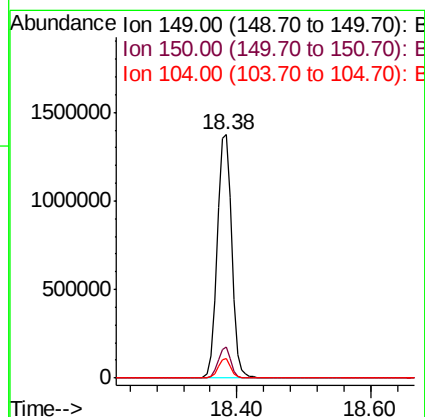
Sohil
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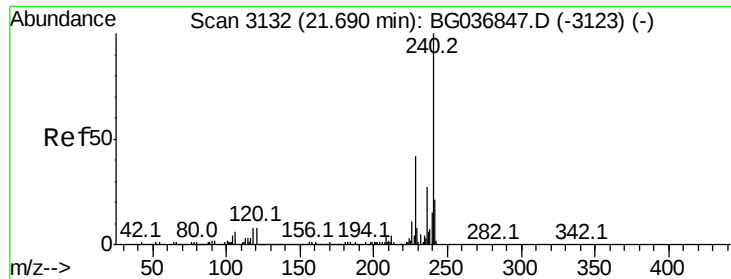
9/24/2018 9:29:30 AM



#73
 Di-n-butylphthalate
 Concen: 90.987 ng
 RT: 18.38 min Scan# 2569
 Delta R.T. 0.01 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.7	8.1	12.1#
104	7.9	4.6	6.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

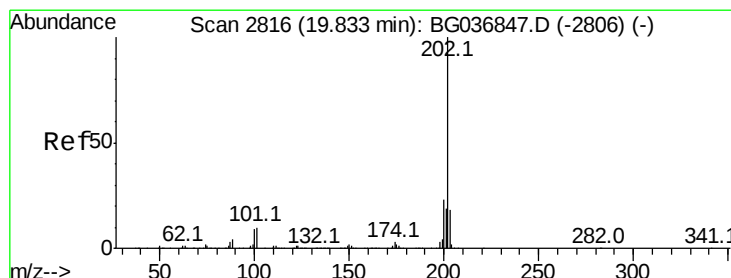
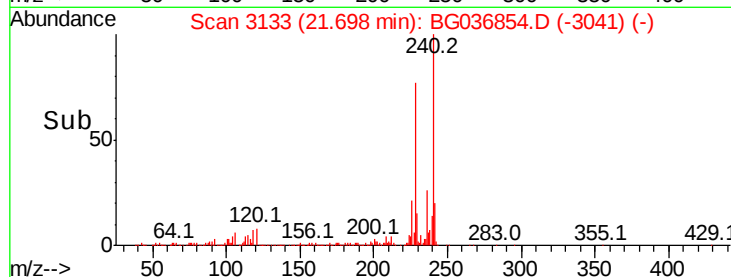
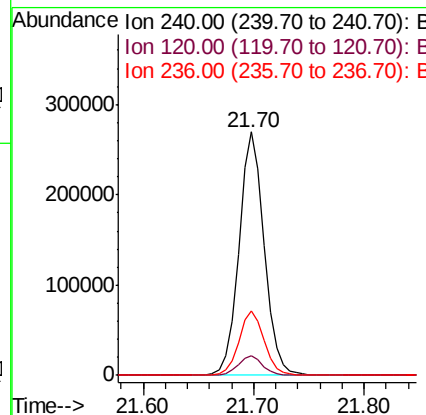
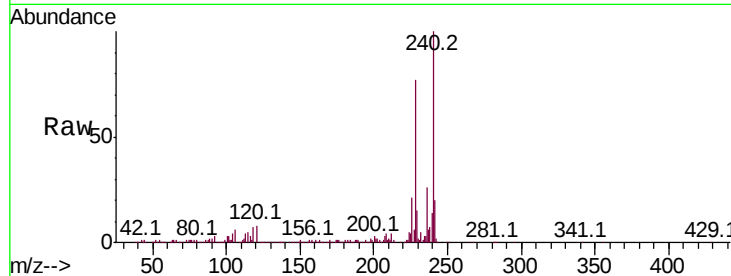
Tot Ion:	240	Resp:	430692
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.9	10.3
236	26.3	21.2	31.8

Manual Integrations
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#77

Pyrene

Concen: 74.630 ng

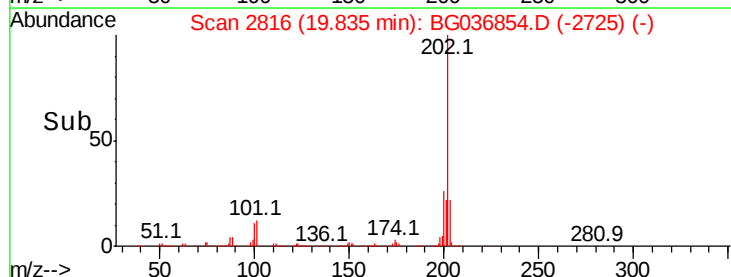
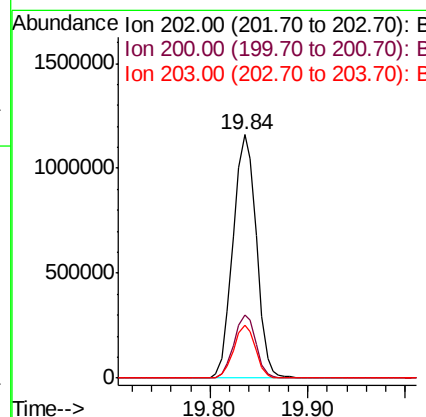
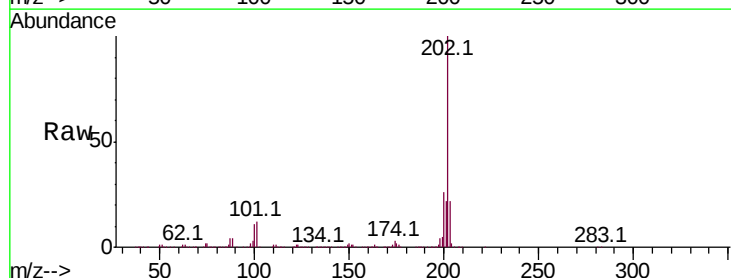
RT: 19.84 min Scan# 2816

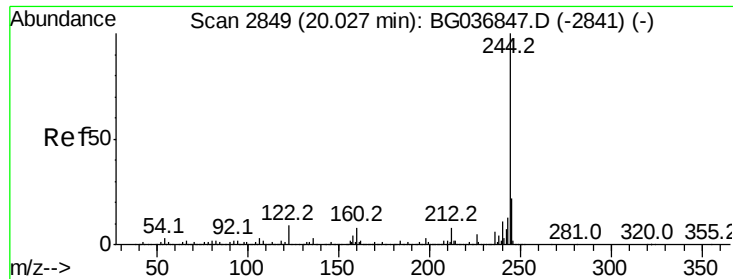
Delta R.T. 0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Tgt Ion:	202	Resp:	1928815
Ion Ratio	Lower	Upper	
202	100		
200	26.1	18.3	27.5
203	21.7	15.1	22.7





#78
 Terphenyl-d14
 Concen: 84.382 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

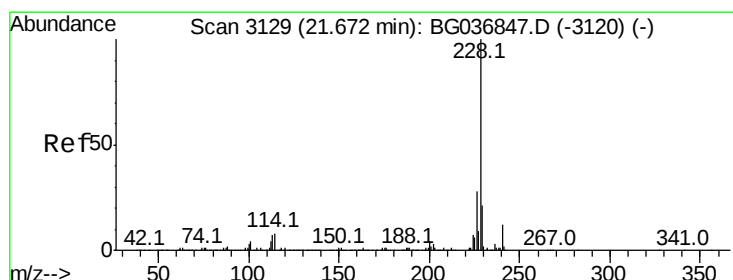
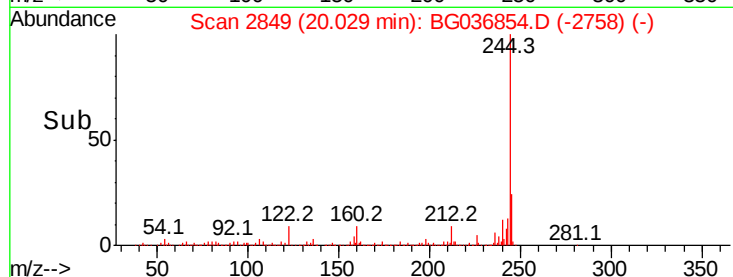
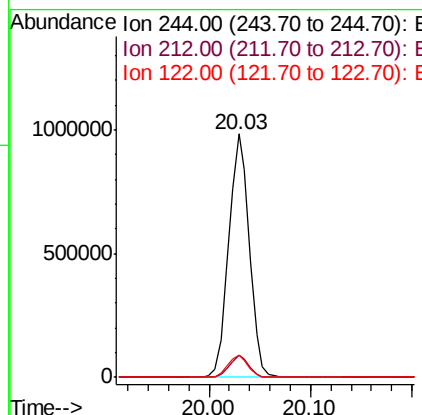
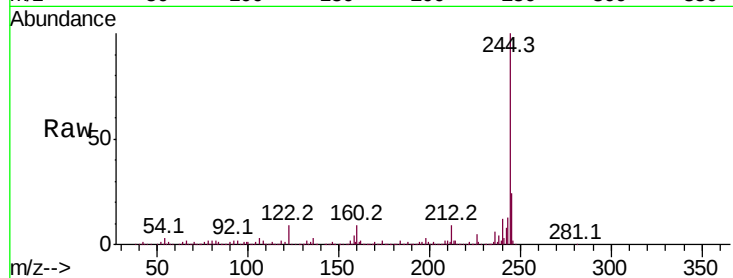
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.3	7.1	10.7

Manual Integrations
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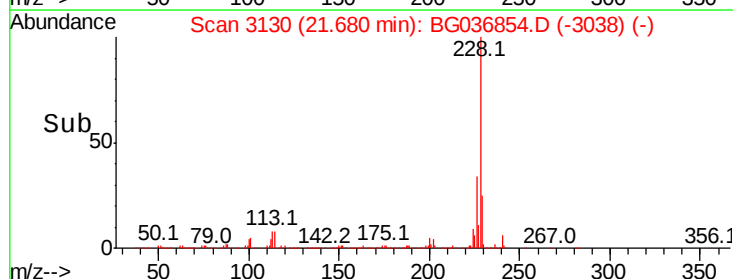
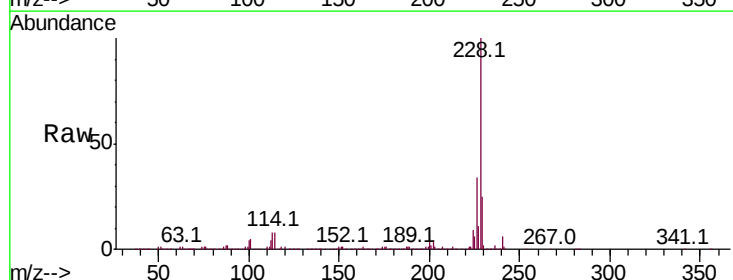
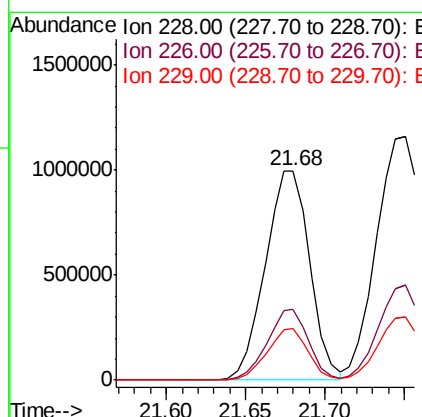
Sohil
 9/24/2018 9:29:30 AM

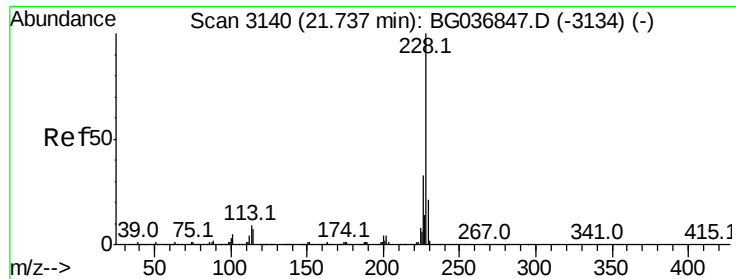
9/24/2018 9:29:30 AM



#80
 Benzo(a)anthracene
 Concen: 76.930 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. 0.01 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.4	35.2
229	24.6	17.1	25.7





#82

Chrysene

Concen: 96.003 ng/mL

RT: 21.75 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

Tot Ion: 228 Resp: 2332073

Ion Ratio Lower Upper

228 100

226 39.3 25.5 38.3#

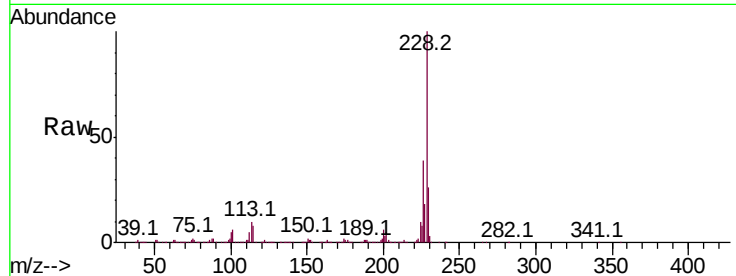
229 25.9 16.9 25.3#

Manual Integrations
APPROVED

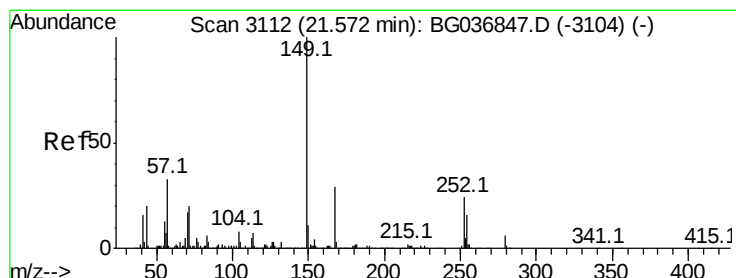
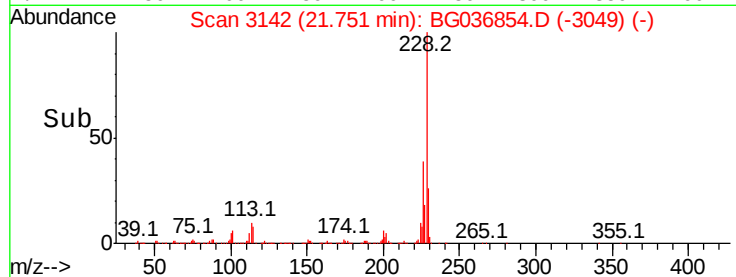
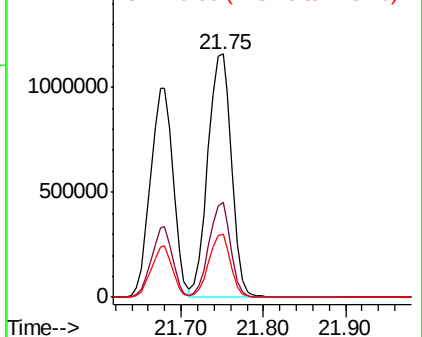
Sohil

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9/24/2018 9:29:30 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 72.697 ng/mL

RT: 21.57 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

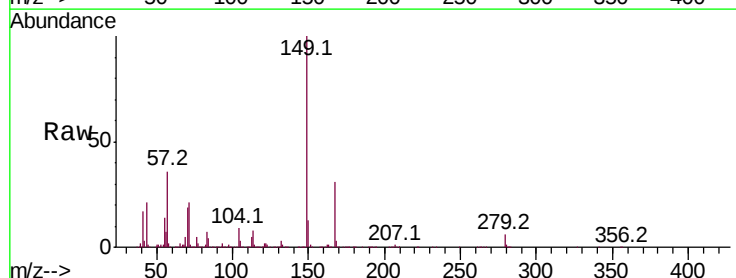
Tgt Ion: 149 Resp: 1046196

Ion Ratio Lower Upper

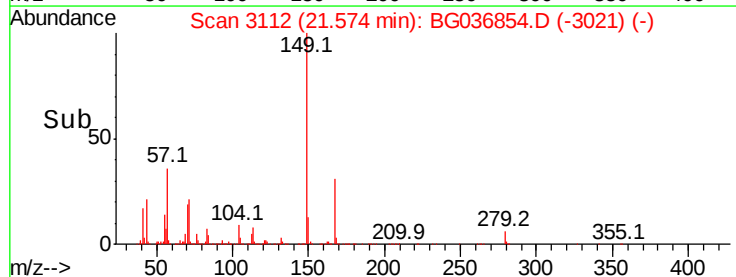
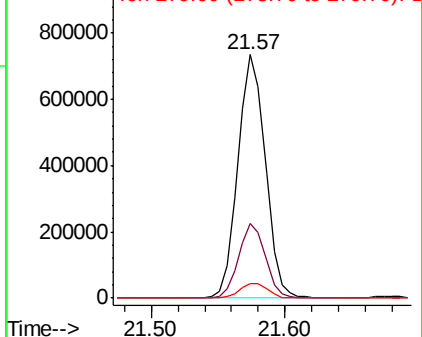
149 100

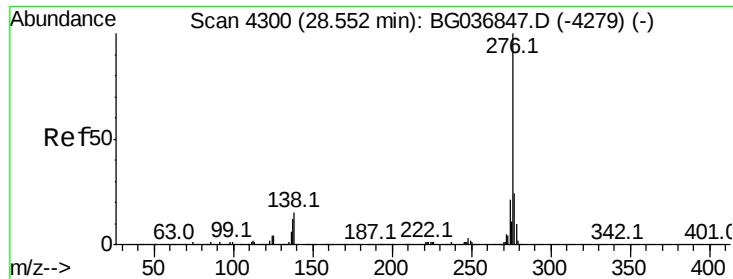
167 30.9 23.4 35.0

279 6.2 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.630 ng
 RT: 28.57 min Scan# 4302
 Delta R.T. 0.01 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

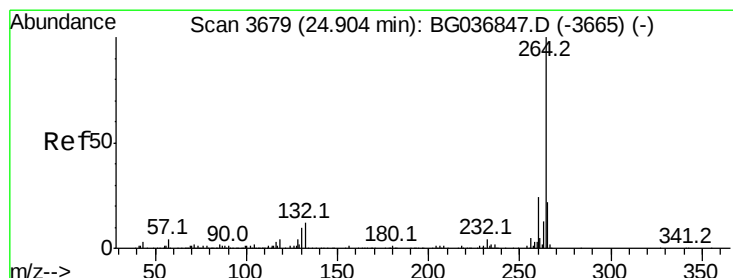
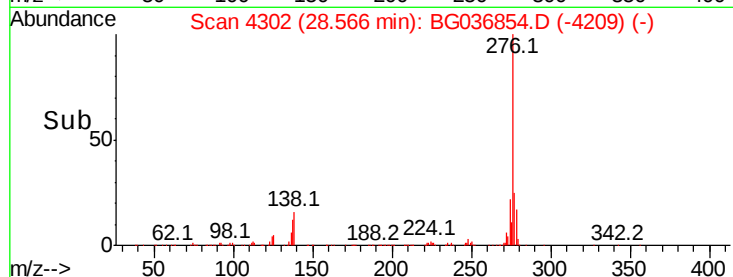
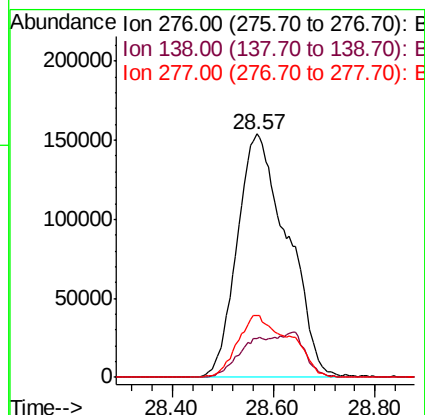
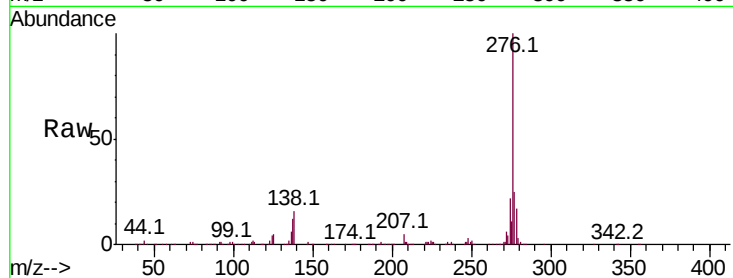
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.9	10.6	15.8#
277	26.6	20.6	30.8

Manual Integrations
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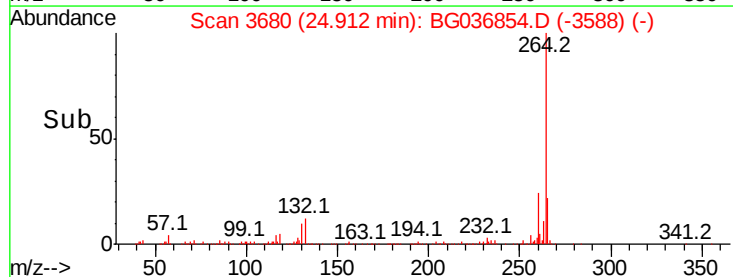
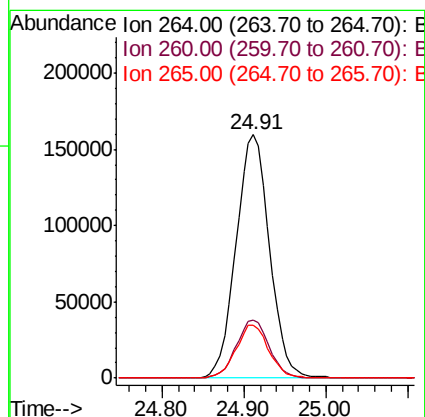
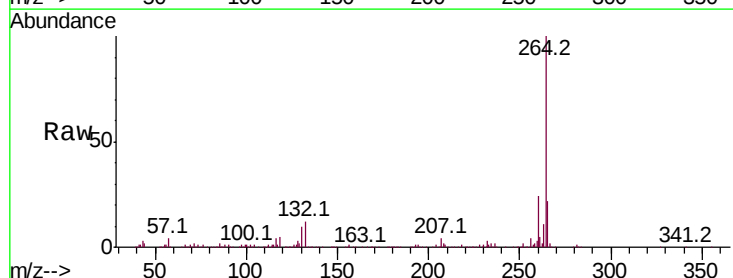
Sohil
 9/24/2018 9:29:30 AM

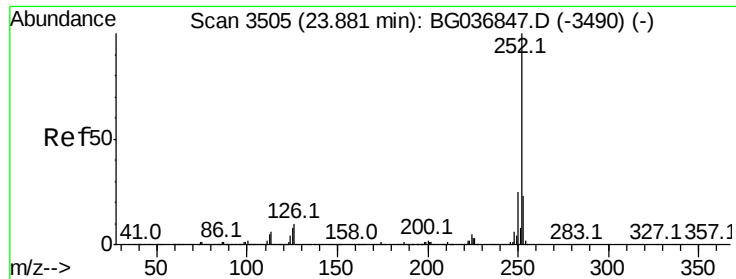
9/24/2018 9:29:30 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. 0.01 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 127.034 ng

RT: 23.91 min Scan# 3509

Delta R.T. 0.03 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampled :

PT-BN-WP

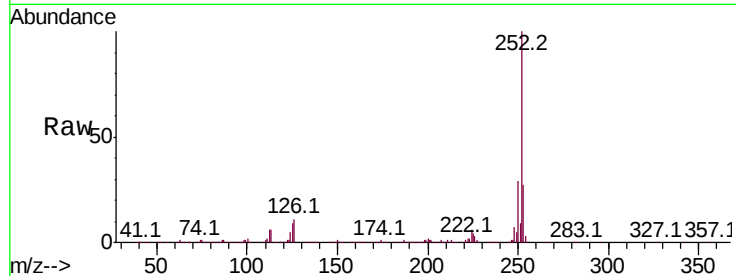
Tot Ion:	252	Resp:	3072965
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.1	25.7#
125	8.9	6.6	10.0

Manual Integrations
APPROVED

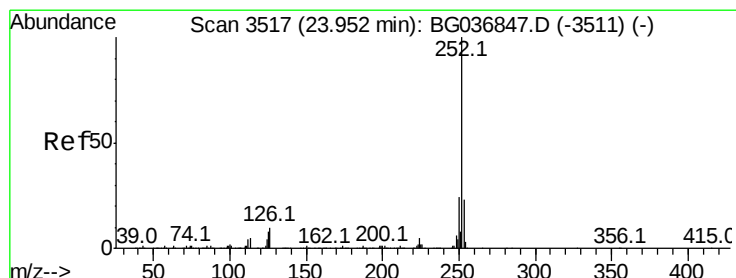
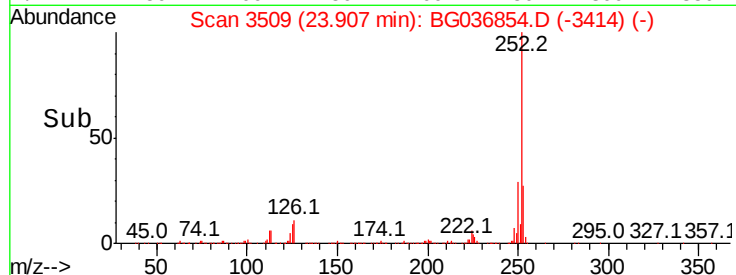
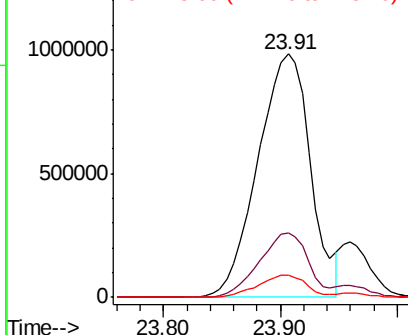
Sohil

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9/24/2018 9:29:30 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 15.899 ng

RT: 23.96 min Scan# 3518

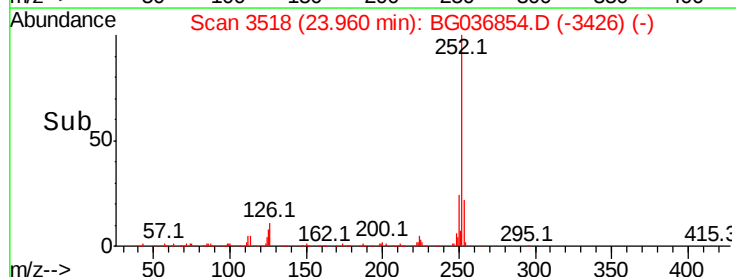
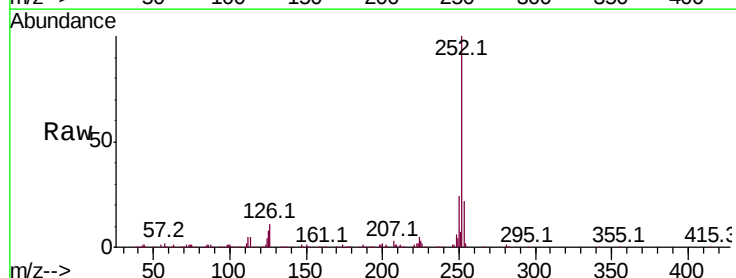
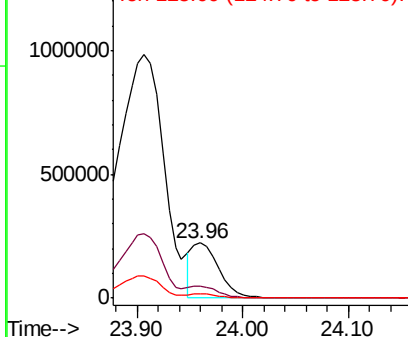
Delta R.T. 0.01 min

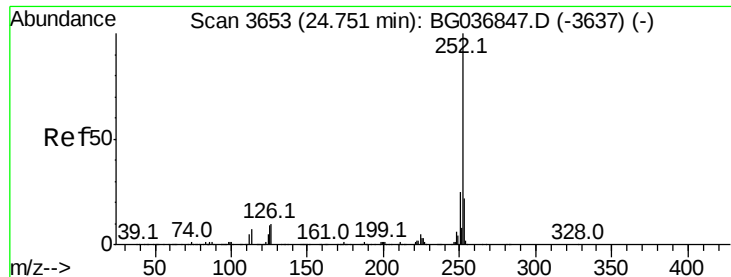
Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Tgt Ion:	252	Resp:	385847
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	8.2	7.0	10.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
Benzo(a)pyrene
Concen: 127.510 ng
RT: 24.78 min Scan# 3658
Delta R.T. 0.03 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

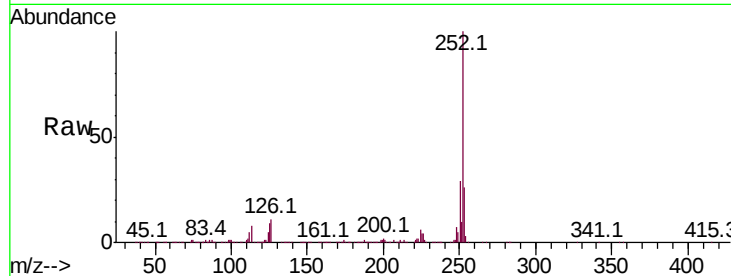
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	9.3	7.3	10.9

Manual Integrations
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Sohil
9/24/2018 9:29:30 AM

9/24/2018 9:29:30 AM

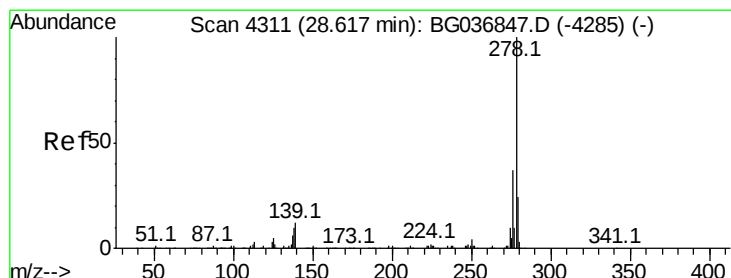
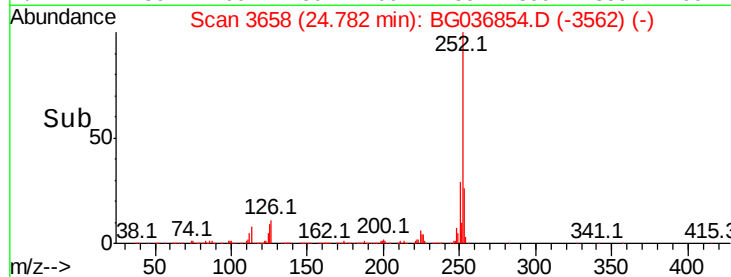
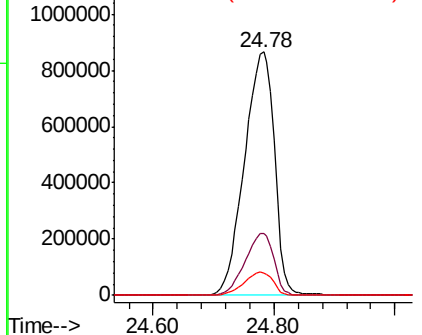


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 57.921 ng
RT: 28.64 min Scan# 4314
Delta R.T. 0.02 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.0	16.4
279	24.8	18.7	28.1

Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

