

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
 Data File : BG042919.D
 Acq On : 23 Sep 2019 19:03
 Operator : HP/JU
 Sample : K4839-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

Manual Integrations
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mohammad
 9/24/2019 2:38:06 PM

Quant Time: Sep 24 02:29:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 06:01:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	56395	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	217122	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	154717	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	370201	20.00	ng	0.00
76) Chrysene-d12	21.71	240	416132	20.00	ng	0.00
87) Perylene-d12	24.95	264	478407	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	91203	28.04	ng	0.00
7) Phenol-d6	7.25	99	131036	27.90	ng	-0.01
23) Nitrobenzene-d5	9.24	82	82970	18.64	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	65174	26.71	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	236372	22.41	ng	0.00
79) Terphenyl-d14	20.05	244	504237	24.66	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.87	42	41443	22.723	ng	89
12) 1,3-Dichlorobenzene	7.97	146	78321m	18.629	ng	
13) 1,4-Dichlorobenzene	8.12	146	95580	22.612	ng	97
14) 1,2-Dichlorobenzene	8.43	146	49843	12.424	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	65170	9.829	ng	97
18) Hexachloroethane	9.17	117	47817	30.874	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	50242	16.041	ng	# 95
24) Nitrobenzene	9.28	77	94875	22.002	ng	95
25) Isophorone	9.81	82	28642	3.602	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	31121	6.781	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	57122	13.208	ng	92
34) Hexachlorobutadiene	11.23	225	91815	29.418	ng	97
37) 2-Methylnaphthalene	12.54	142	149592	18.533	ng	97
41) Hexachlorocyclopentadiene	12.88	237	79167	22.551	ng	96
47) 2-Chloronaphthalene	13.58	162	78735	8.854	ng	97
49) Acenaphthylene	14.42	152	396354	29.463	ng	99
50) Dimethylphthalate	14.15	163	327904	28.962	ng	98
51) 2,6-Dinitrotoluene	14.27	165	20146	8.354	ng	86
52) Acenaphthene	14.76	154	297838	33.450	ng	97
55) Dibenzofuran	15.10	168	286608	21.699	ng	98
57) 2,4-Dinitrotoluene	15.05	165	57974	16.939	ng	96
60) Diethylphthalate	15.51	149	344505	30.158	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	129319	19.558	ng	98
66) n-Nitrosodiphenylamine	15.95	169	85270	8.569	ng	95
68) Hexachlorobenzene	16.75	284	88303	17.574	ng	# 93
75) Fluoranthene	19.49	202	379422	16.654	ng	97
78) Pyrene	19.85	202	420167	16.930	ng	98
80) Butylbenzylphthalate	20.74	149	231142	24.118	ng	99
83) Chrysene	21.76	228	178373	7.198	ng	96
84) Bis(2-ethylhexyl)phthalate	21.61	149	133298	9.834	ng	99
85) Di-n-octyl phthalate	22.83	149	539611	24.060	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	267251	8.650	ng	# 93
89) Benzo(k)fluoranthene	23.99	252	552124	20.979	ng	98
92) Benzo(g,h,i)perylene	29.79	276	362777	14.396	ng	# 95

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Misc :
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Instrument :
BNA_G
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Manual Integrations
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Quant Time: Sep 24 02:29:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 06:01:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

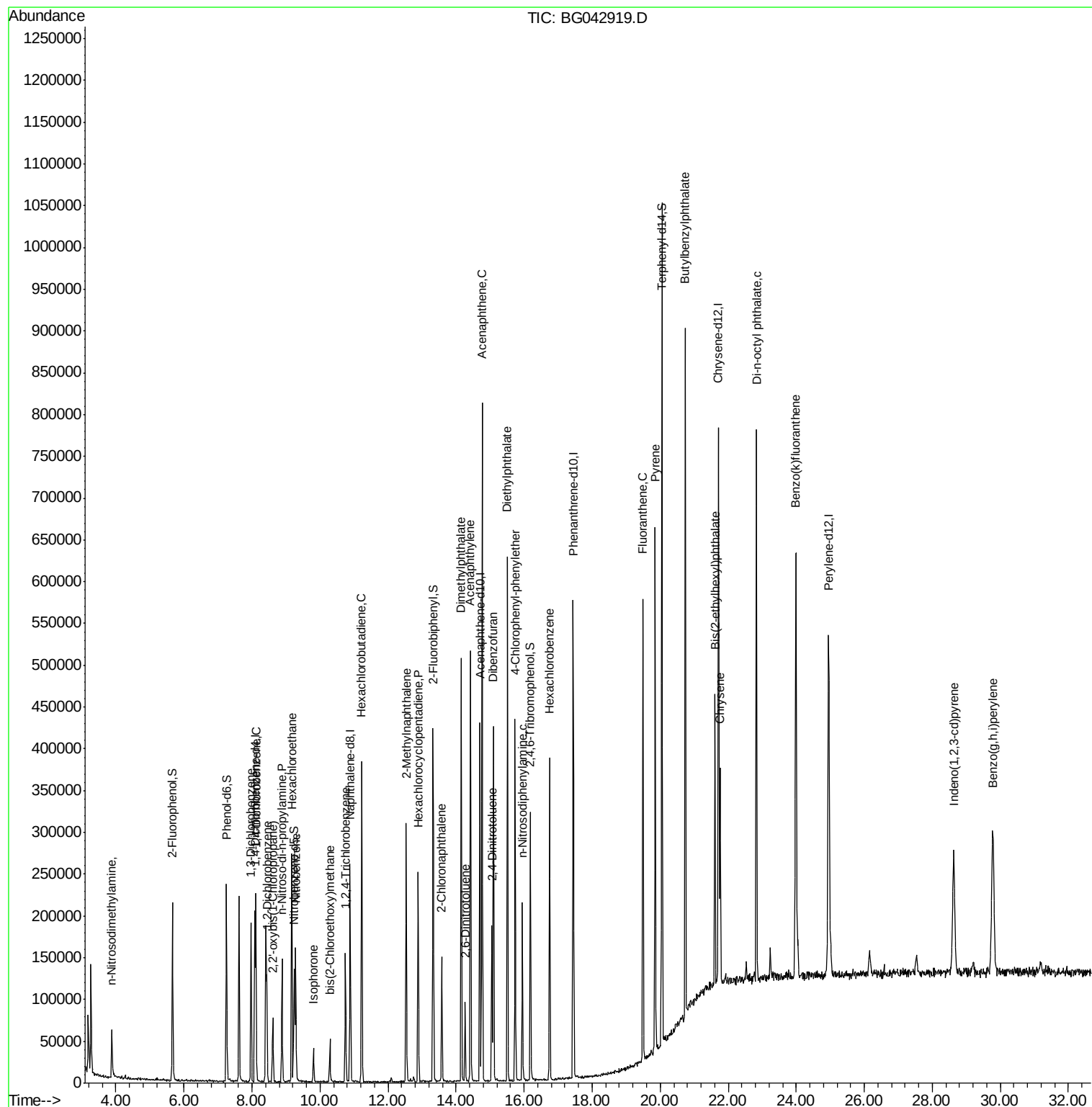
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
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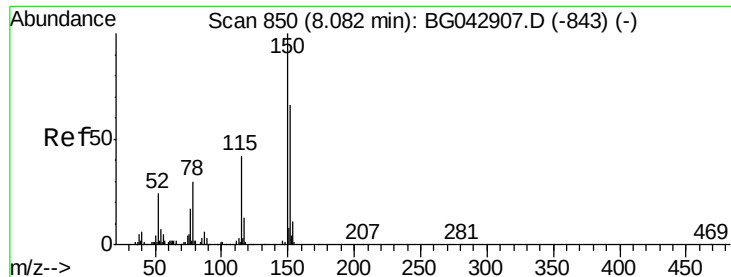
Instrument :
BNA_G
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#1

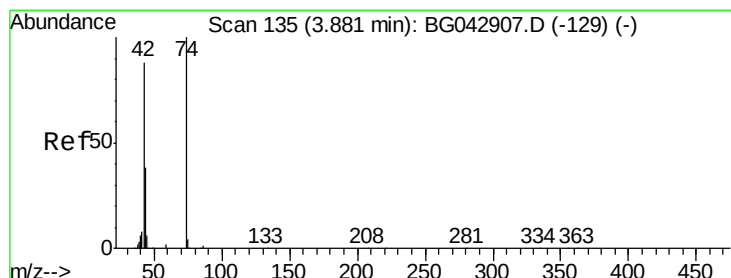
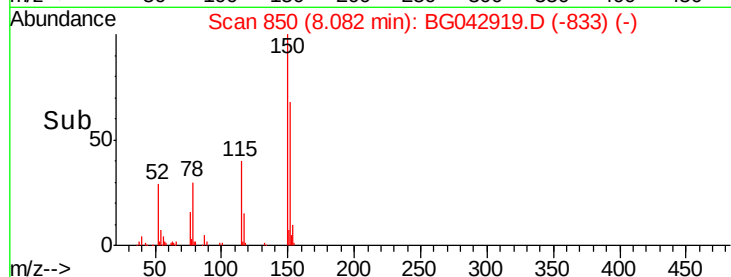
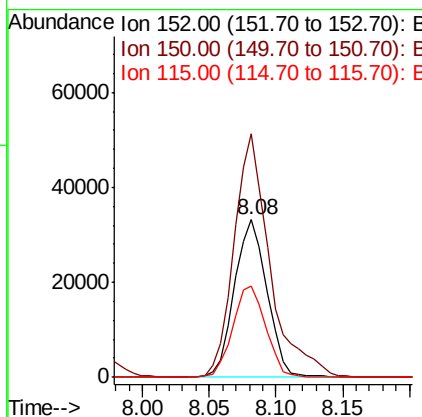
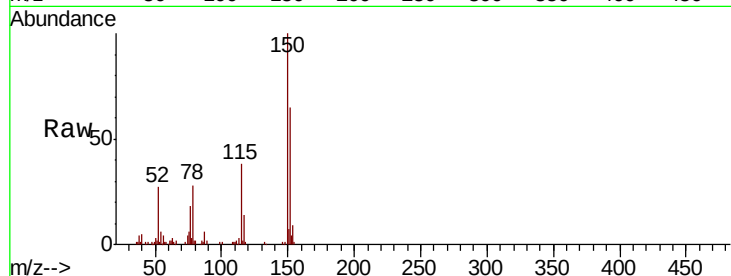
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.4	182.2
115	58.2	50.7	76.1

Manual Integrations
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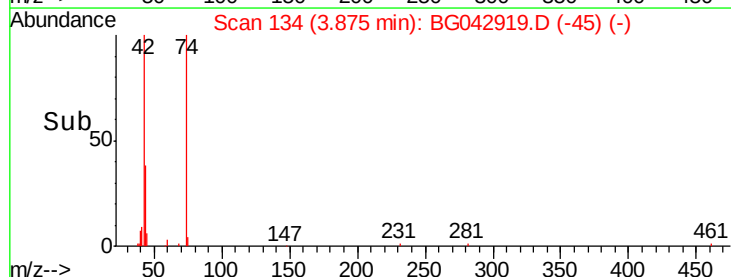
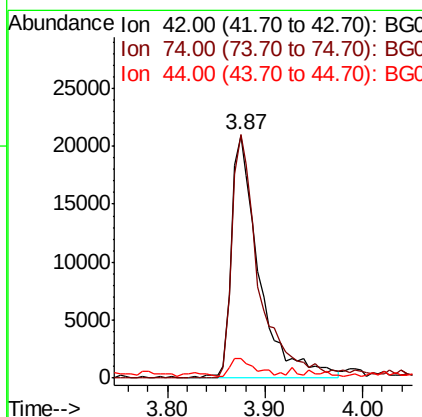
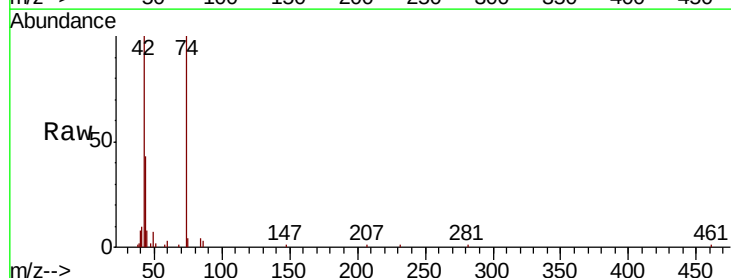
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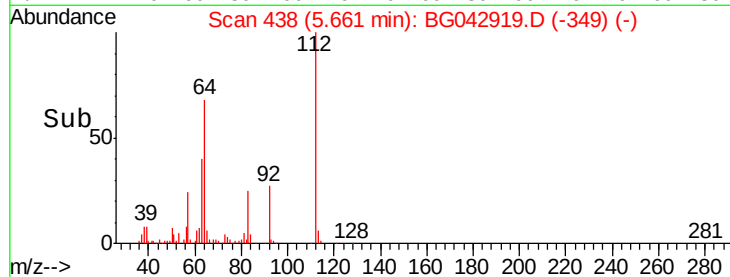
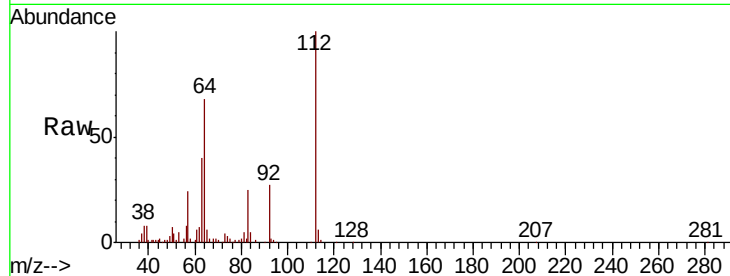
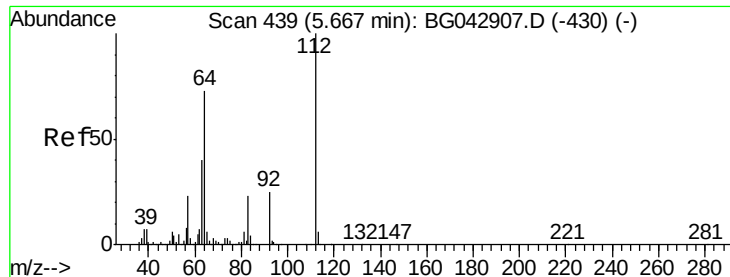


#4

n-Nitrosodimethylamine
Concen: 22.723 ng
RT: 3.87 min Scan# 134
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.2	90.5	135.7
44	8.0	5.8	8.8





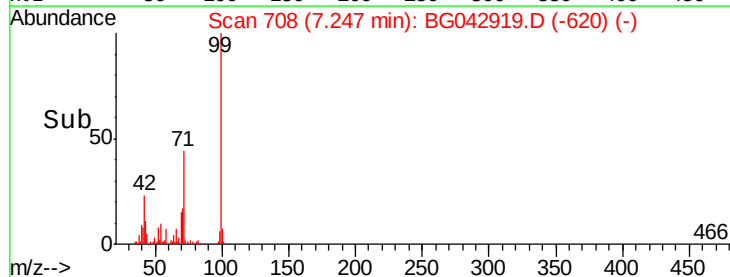
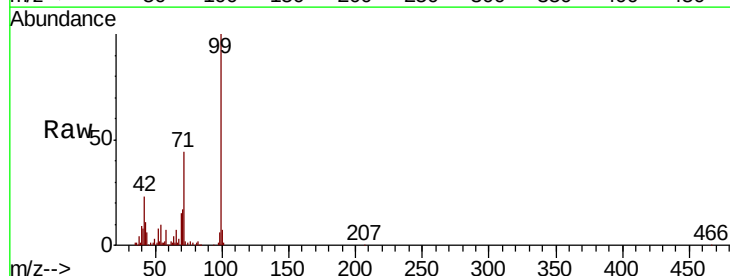
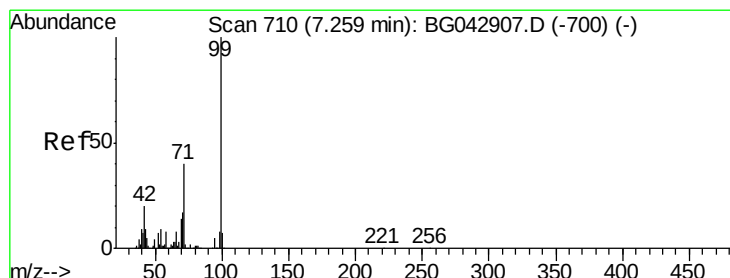
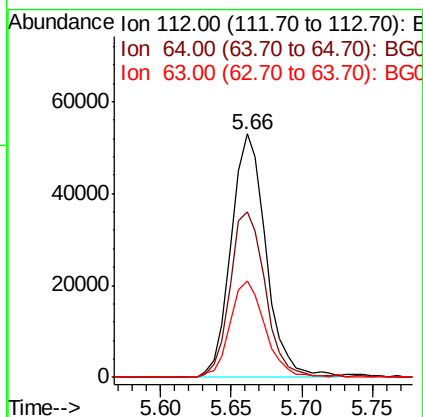
#5
2-Fluorophenol
Concen: 28.038 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tot Ion:	112	Resp:	91203
Ion Ratio	Lower	Upper	
112	100		
64	67.8	58.6	87.8
63	39.5	31.6	47.4

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

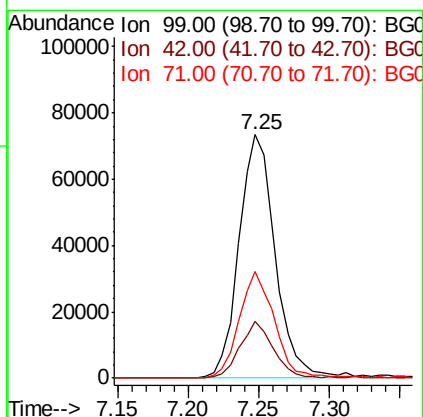
Manual Integrations
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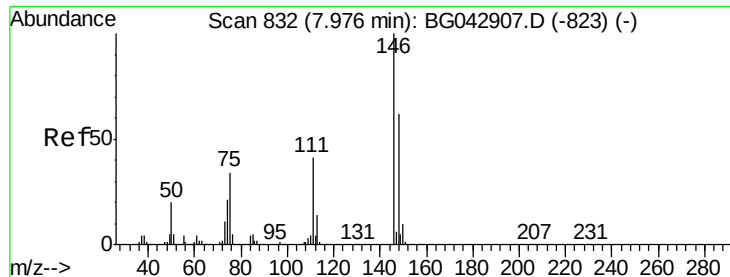
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#7
Phenol-d6
Concen: 27.905 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion:	99	Resp:	131036
Ion Ratio	Lower	Upper	
99	100		
42	23.3	15.8	23.6
71	43.6	32.2	48.2





#12

1,3-Dichlorobenzene

Concen: 18.629 ng m

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

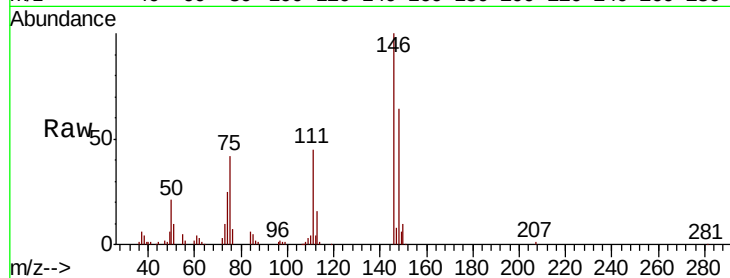
ClientSampled :

PT-BN-WP DL

Tot Ion:	146	Resp:	78321
Ion Ratio	Lower	Upper	
146	100		
148	64.0	49.4	74.0
75	42.5	27.0	40.6

Manual Integrations
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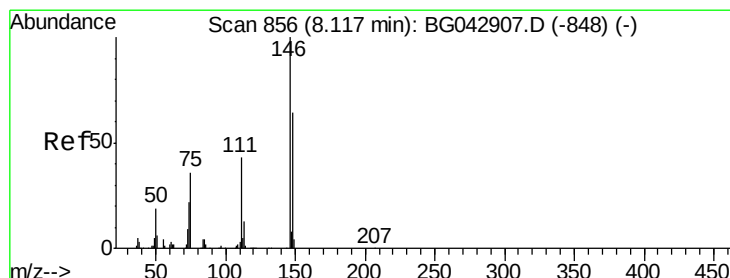
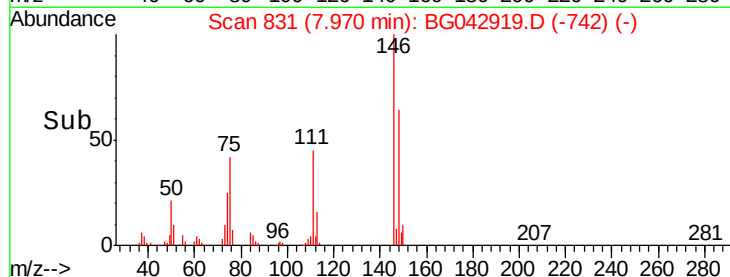
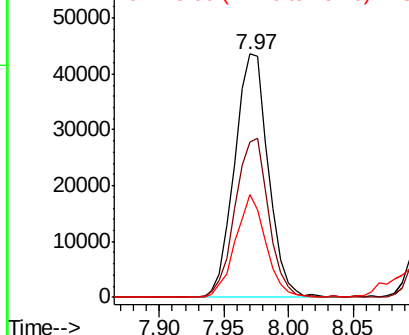


Abundance

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



#13

1,4-Dichlorobenzene

Concen: 22.612 ng

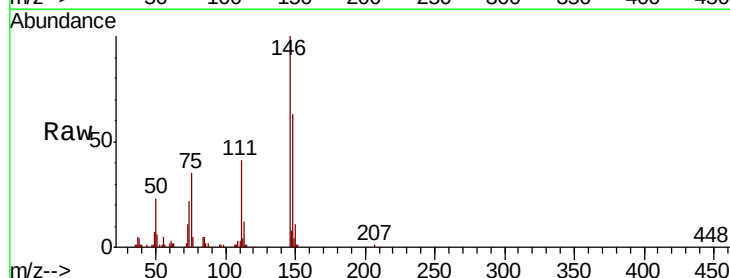
RT: 8.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Tgt Ion:	146	Resp:	95580
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.4	77.2
111	41.0	34.7	52.1

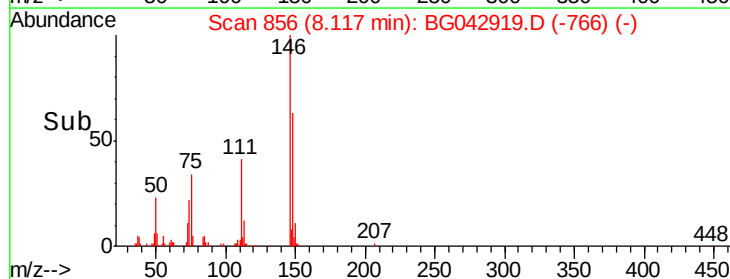
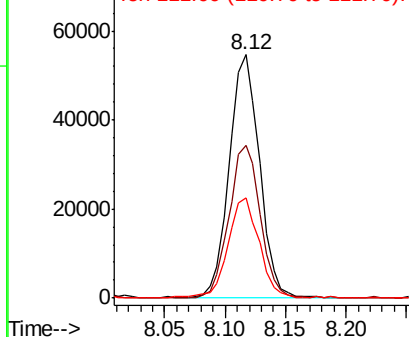


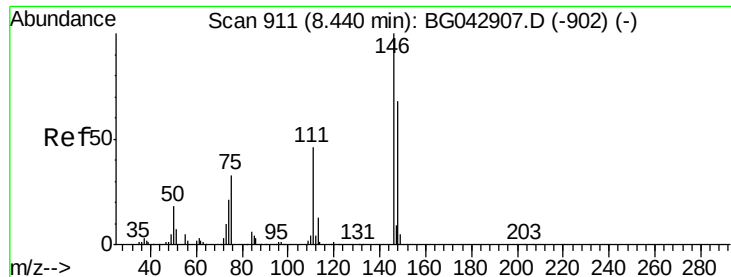
Abundance

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





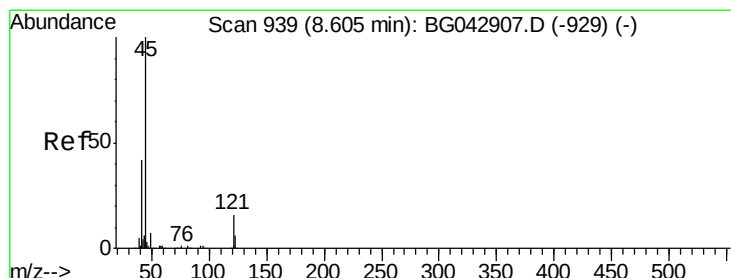
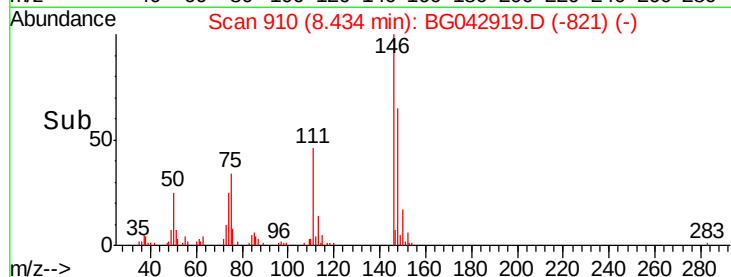
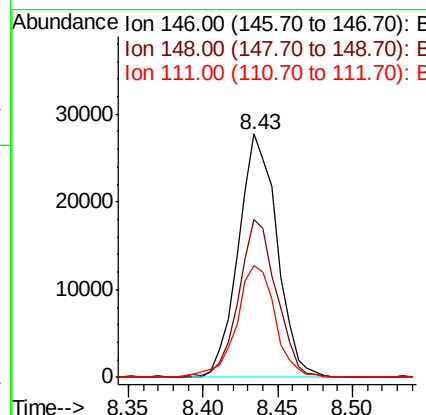
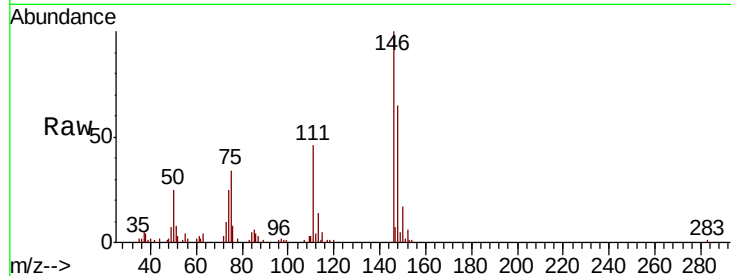
#14
 1,2-Dichlorobenzene
 Concen: 12.424 ng
 RT: 8.43 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.7	82.1
111	45.9	37.4	56.2

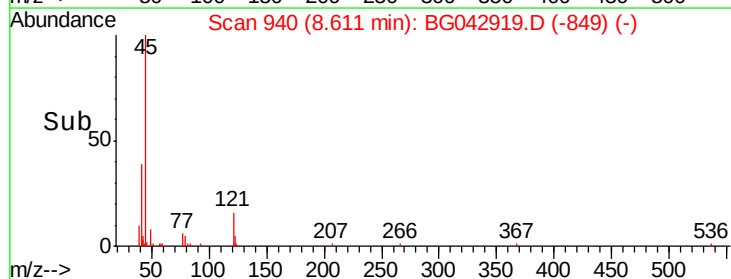
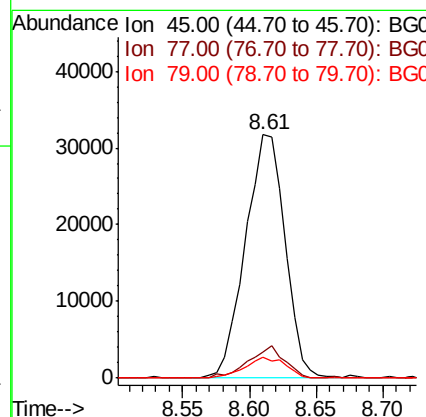
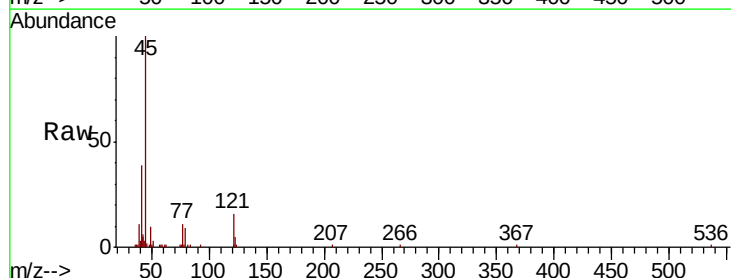
Manual Integrations
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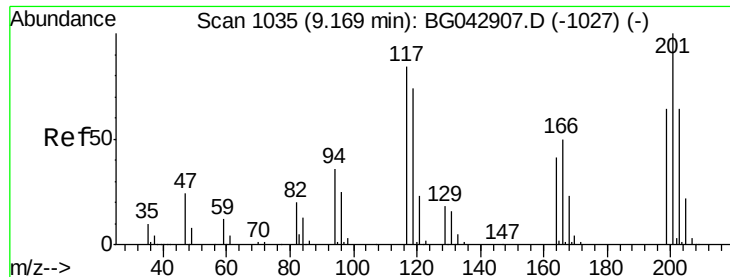
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#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 9.829 ng
 RT: 8.61 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	32.6
79	8.8	0.0	29.0





#18

Hexachloroethane

Concen: 30.874 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

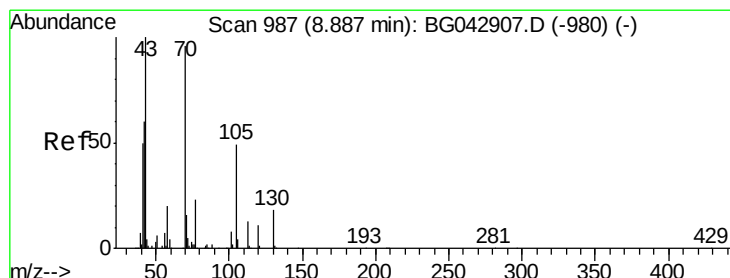
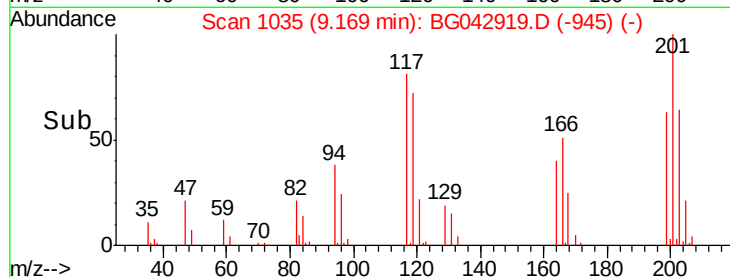
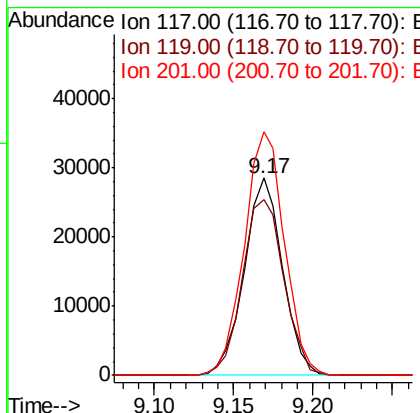
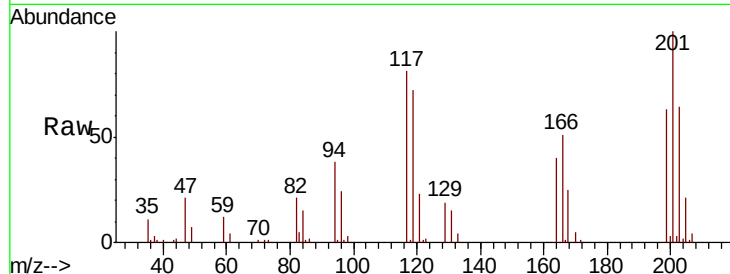
ClientSampleId :

PT-BN-WP DL

Tot Ion:	117	Resp:	47817
Ion Ratio	Lower	Upper	
117	100		
119	89.1	70.9	106.3
201	123.5	95.2	142.8

Manual Integrations
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#19

n-Nitroso-di-n-propylamine

Concen: 16.041 ng

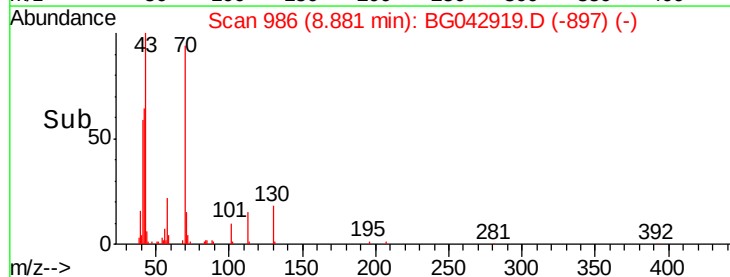
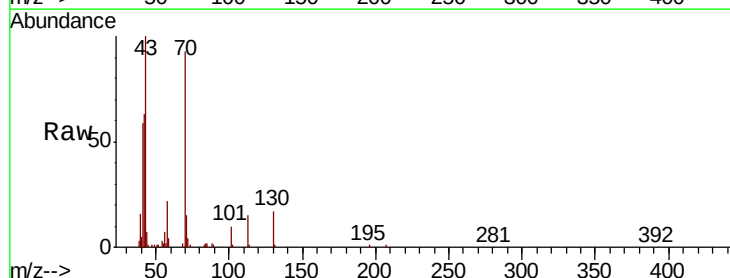
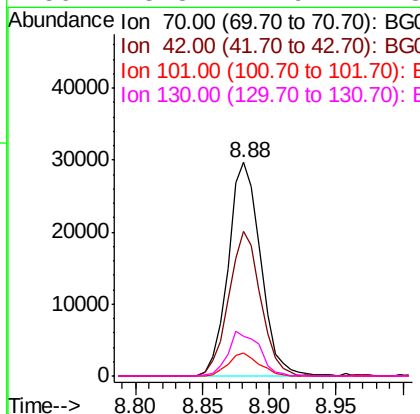
RT: 8.88 min Scan# 986

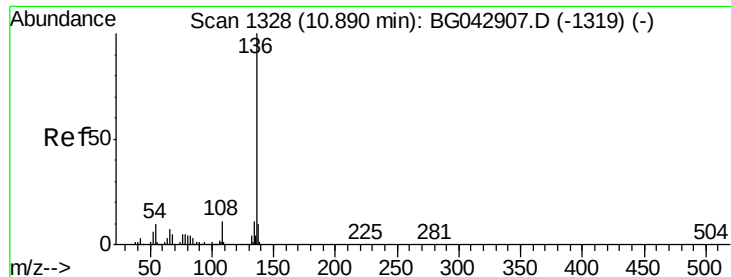
Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Tgt Ion:	70	Resp:	50242
Ion Ratio	Lower	Upper	
70	100		
42	67.8	50.5	75.7
101	10.5	7.0	10.4#
130	18.8	14.9	22.3





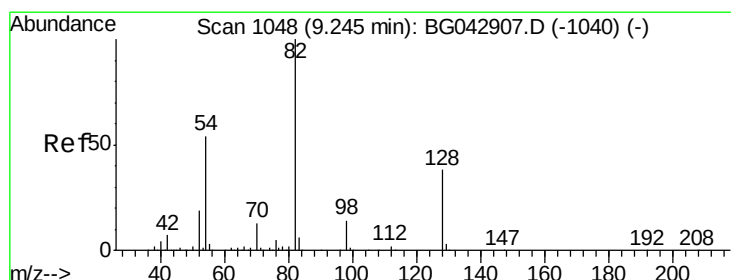
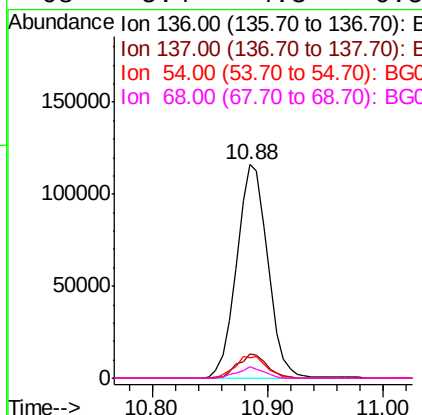
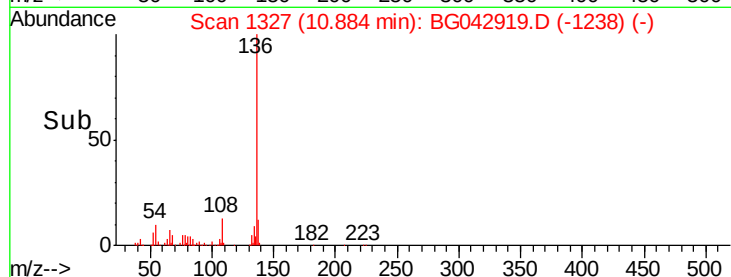
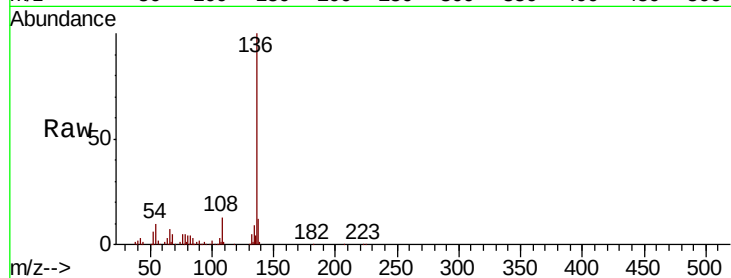
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		217122		
137	11.6		8.2	12.2	
54	9.7		8.2	12.2	
68	5.4		4.3	6.5	

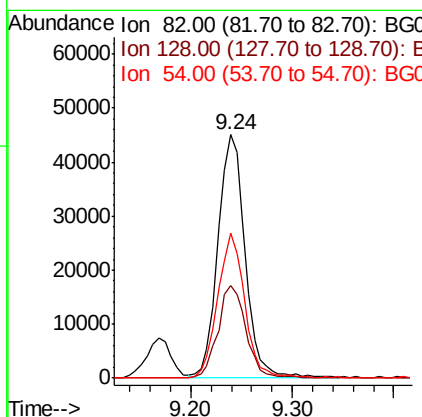
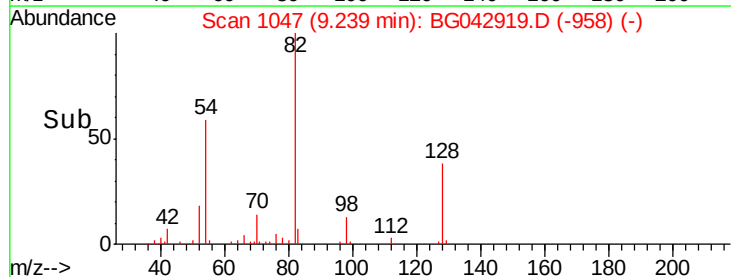
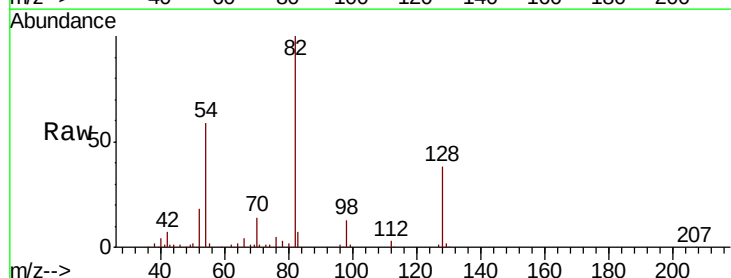
Manual Integrations
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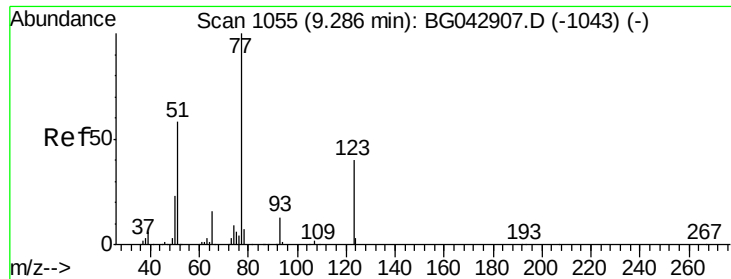
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#23
Nitrobenzene-d5
Concen: 18.641 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		82970		
128	38.2		30.4	45.6	
54	59.3		43.4	65.0	





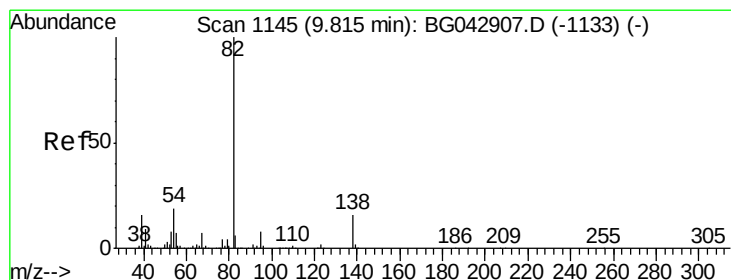
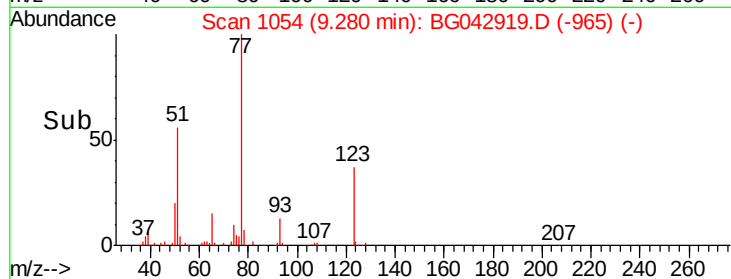
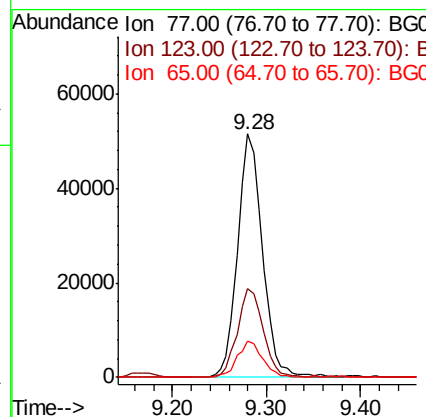
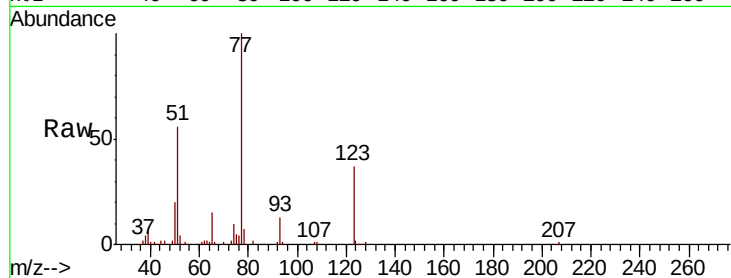
#24
Nitrobenzene
Concen: 22.002 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	36.7	32.3	48.5
65	14.7	12.6	19.0

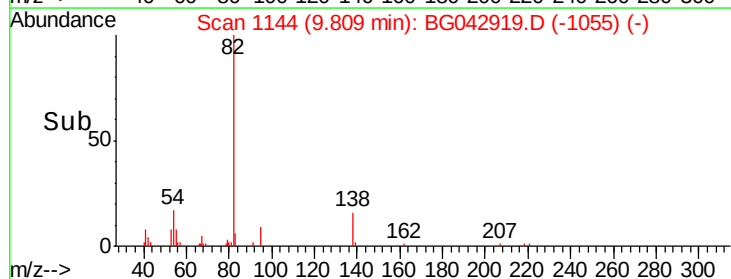
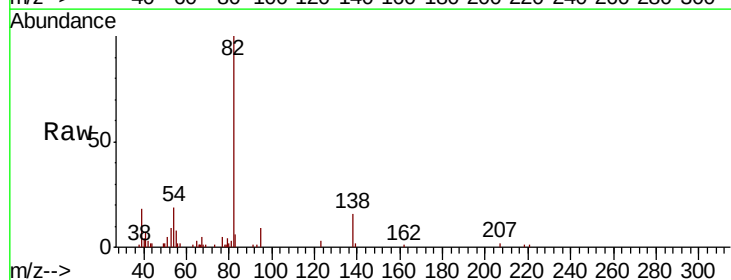
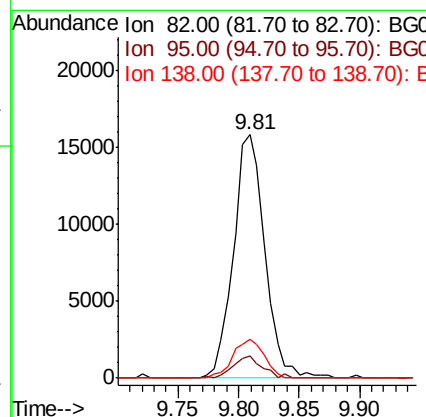
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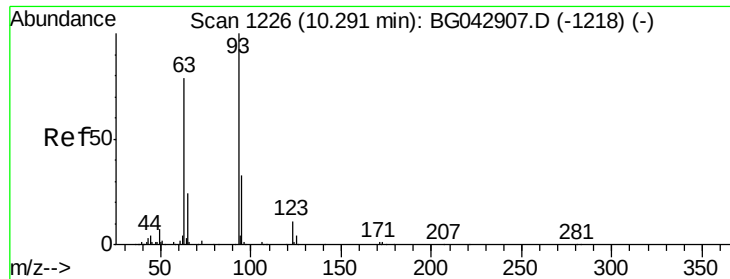
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#25
Isophorone
Concen: 3.602 ng
RT: 9.81 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.4	6.3	9.5
138	15.7	12.9	19.3





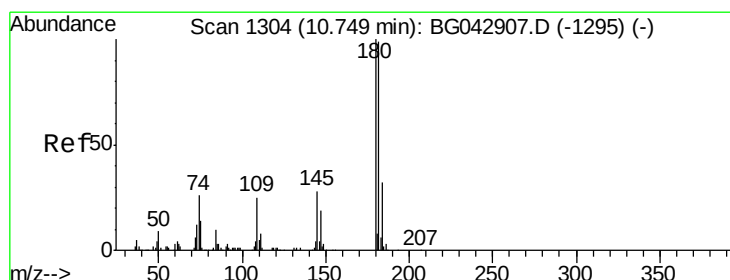
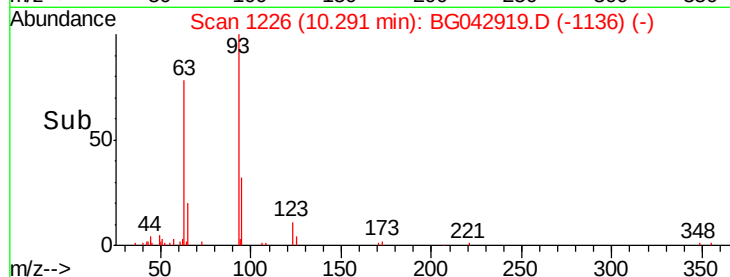
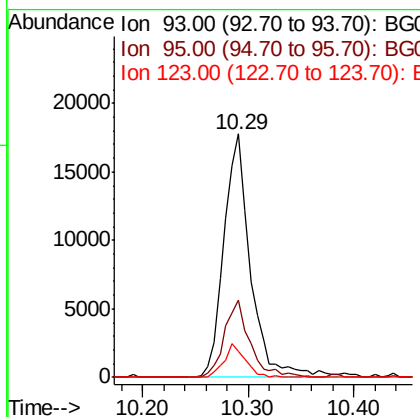
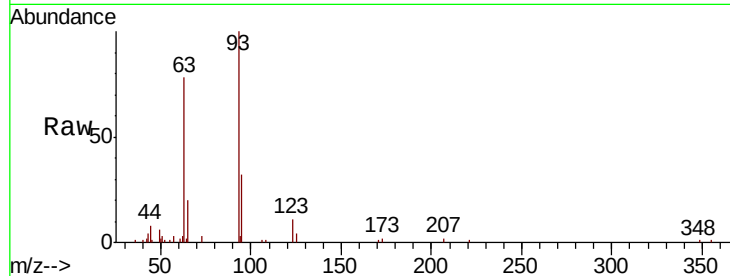
#28
bis(2-Chloroethoxy)methane
Concen: 6.781 ng
RT: 10.29 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.6	26.3	39.5		
123	10.8	8.6	13.0		

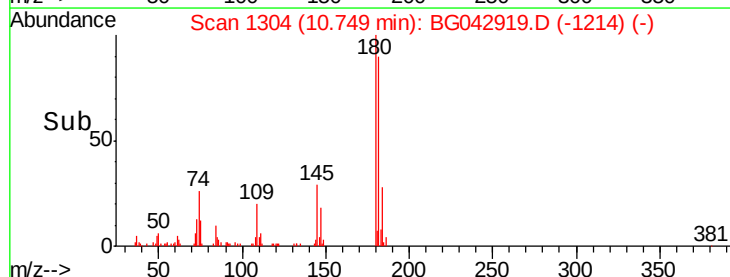
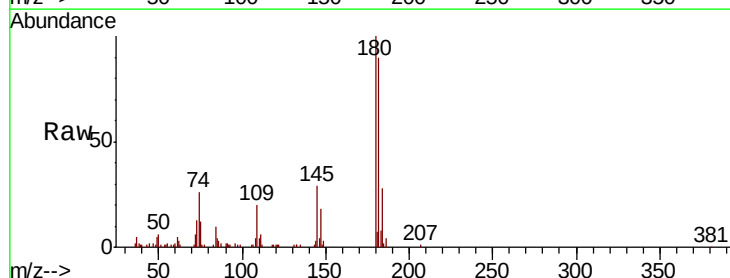
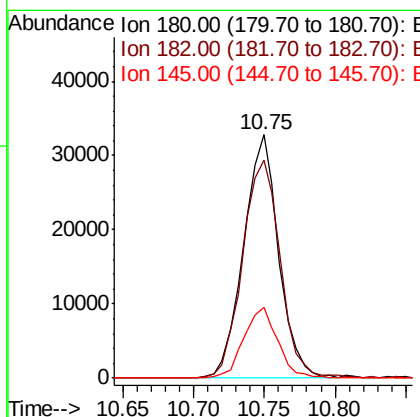
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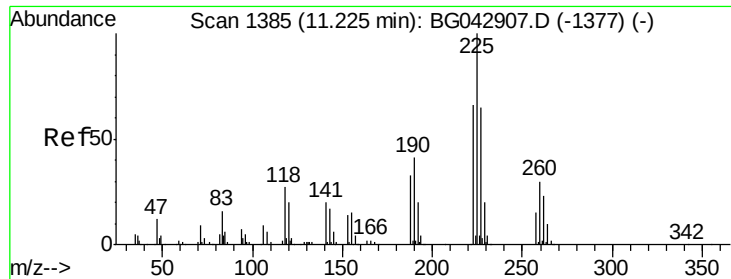
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#30
1,2,4-Trichlorobenzene
Concen: 13.208 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	89.5	78.9	118.3		
145	29.3	22.4	33.6		





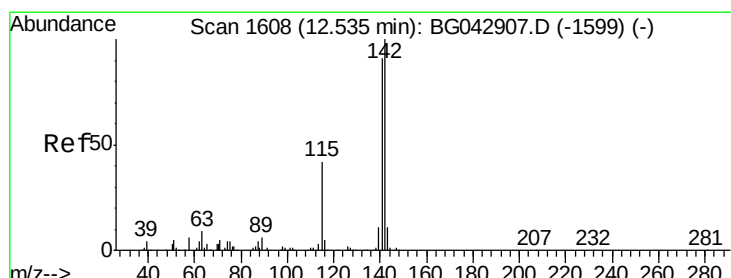
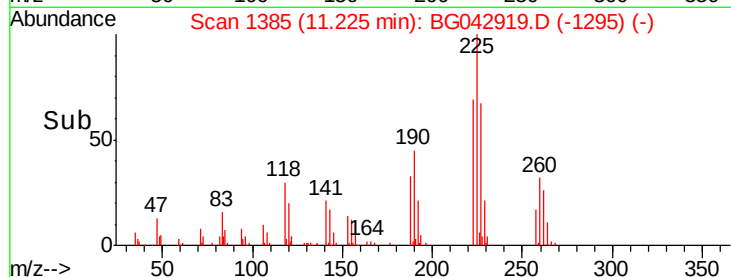
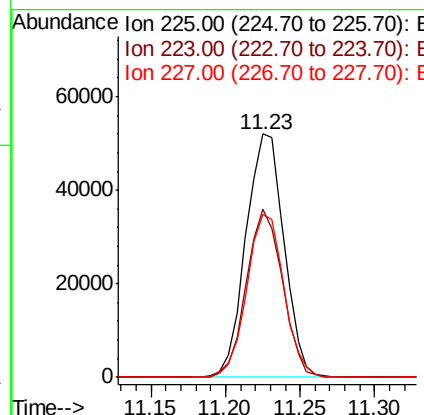
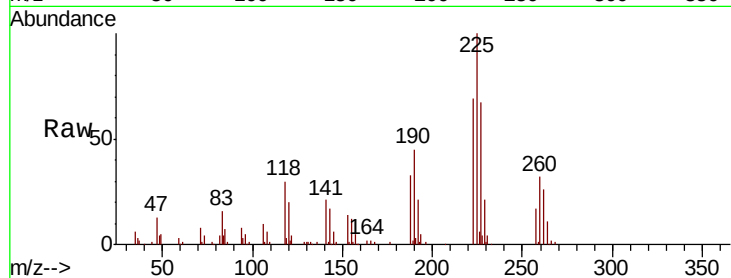
#34
Hexachlorobutadiene
Concen: 29.418 ng
RT: 11.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion	Ratio	Lower	Upper
225	100		
223	68.8	52.9	79.3
227	66.8	51.6	77.4

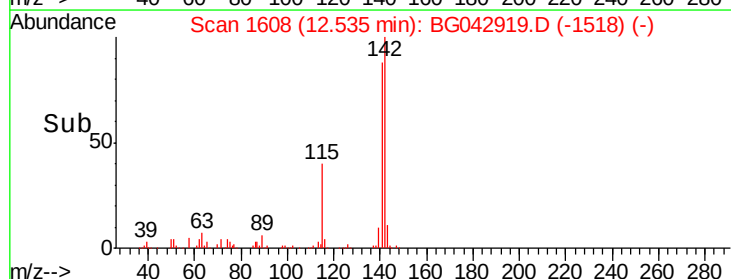
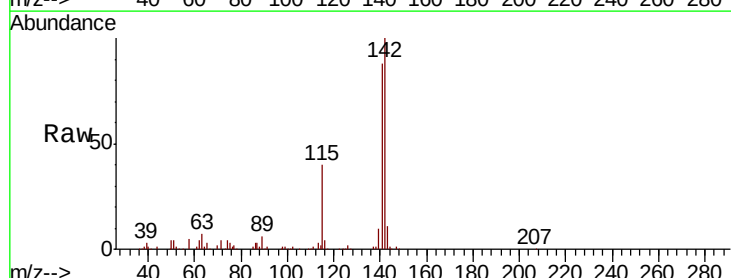
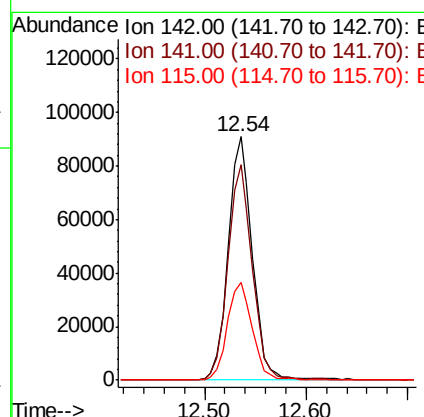
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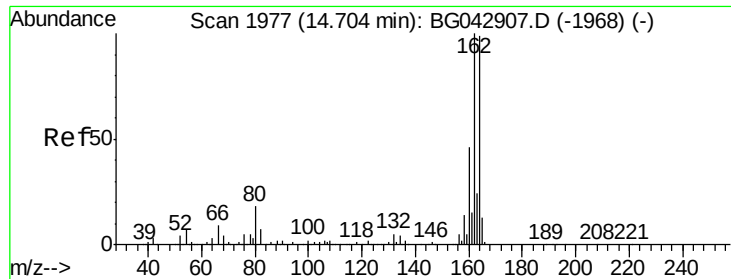
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#37
2-Methylnaphthalene
Concen: 18.533 ng
RT: 12.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.1	109.7
115	40.4	33.8	50.6





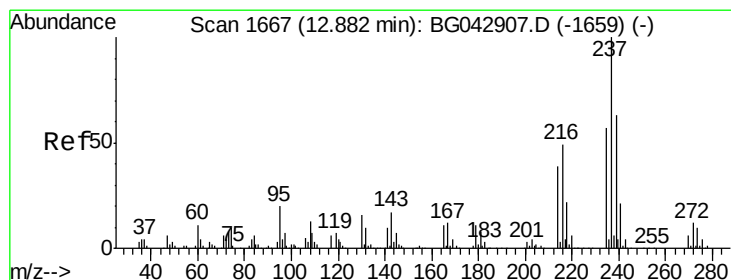
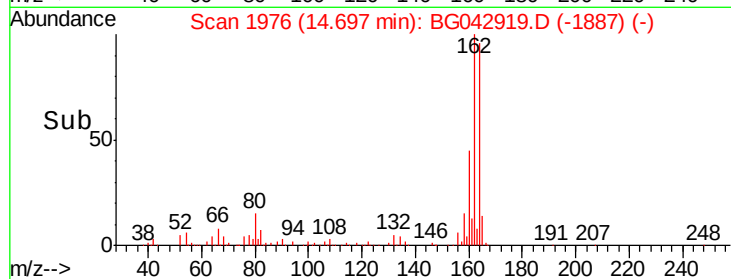
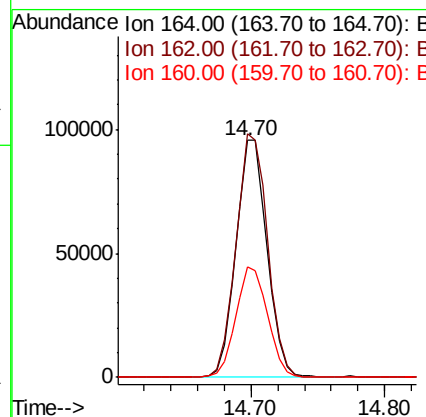
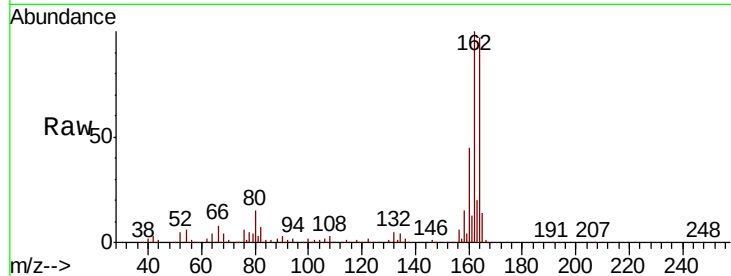
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampled :
PT-BN-WP DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	81.2	121.8	
160	46.4	37.0	55.6	

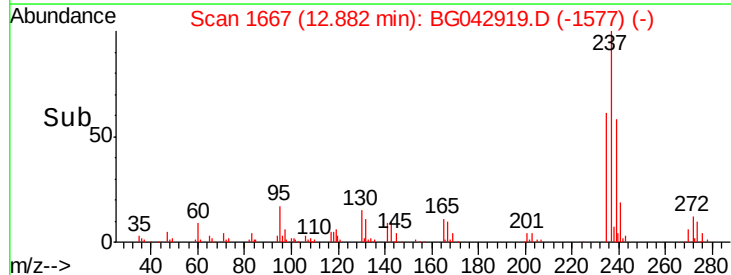
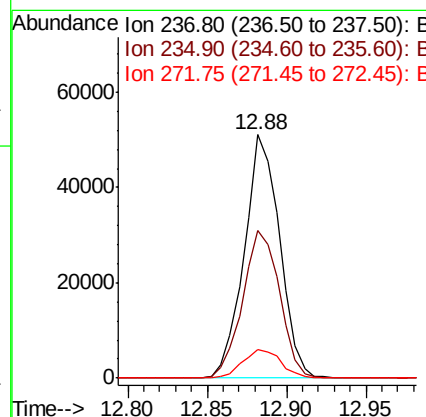
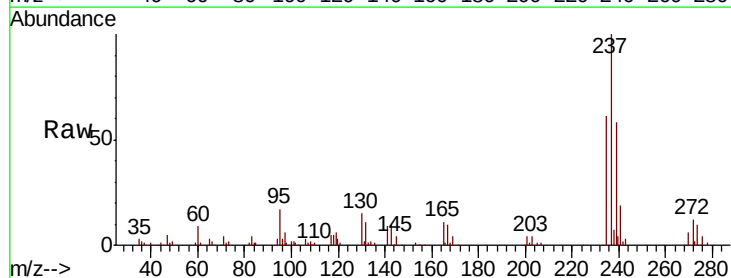
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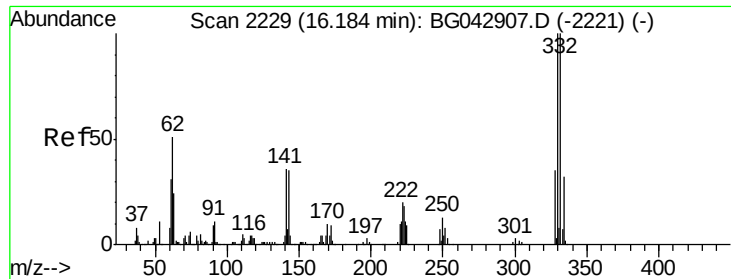
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#41
Hexachlorocyclopentadiene
Concen: 22.551 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.5	37.1	77.1	
272	11.8	0.0	31.7	





#42

2,4,6-Tribromophenol

Concen: 26.711 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

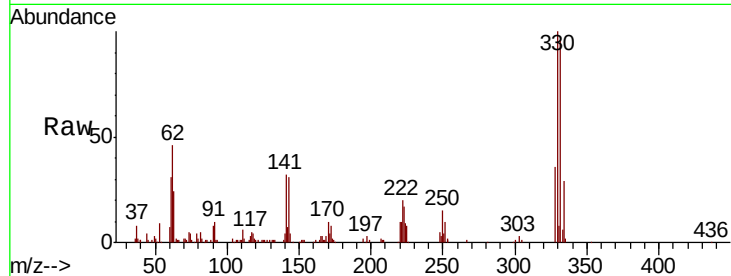
ClientSampled :

PT-BN-WP DL

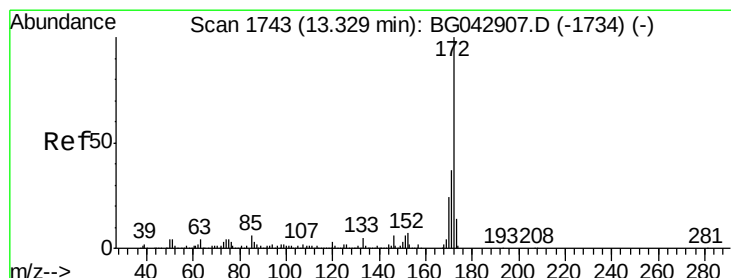
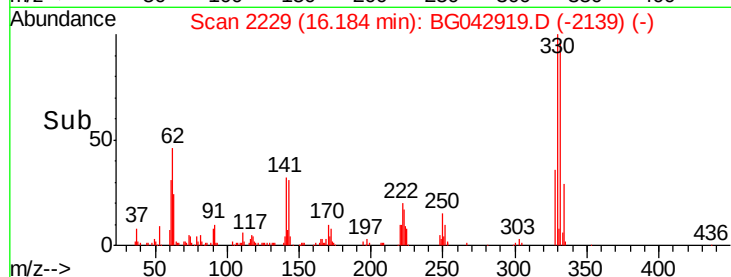
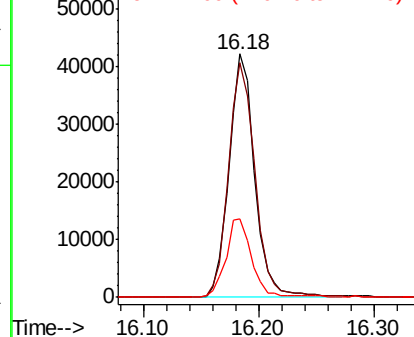
Tot Ion:	330	Resp:	65174
Ion Ratio	Lower	Upper	
330	100		
332	99.4	77.4	116.2
141	32.1	26.5	39.7

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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



#45

2-Fluorobiphenyl

Concen: 22.414 ng

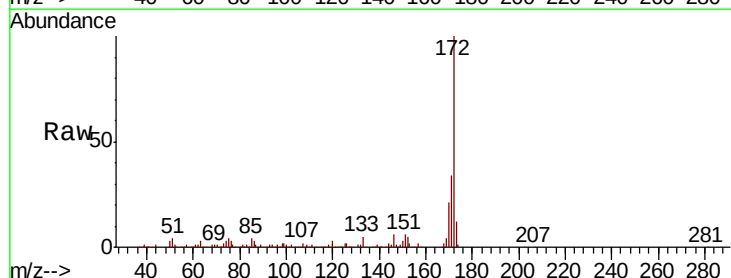
RT: 13.33 min Scan# 1743

Delta R.T. -0.00 min

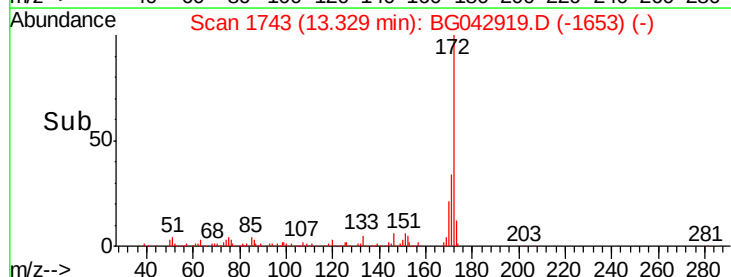
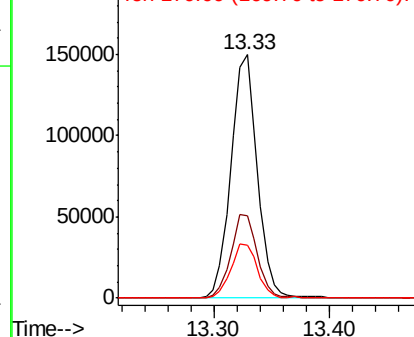
Lab File: BG042919.D

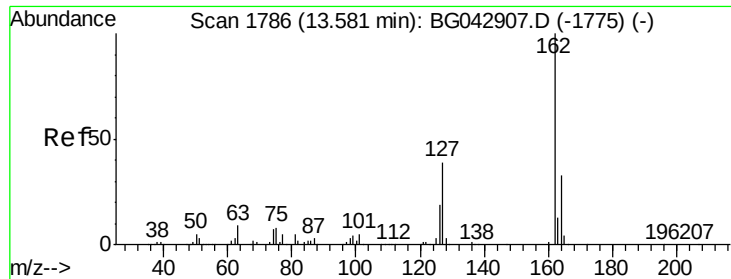
Acq: 23 Sep 2019 19:03

Tgt Ion:	172	Resp:	236372
Ion Ratio	Lower	Upper	
172	100		
171	33.6	29.7	44.5
170	21.5	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





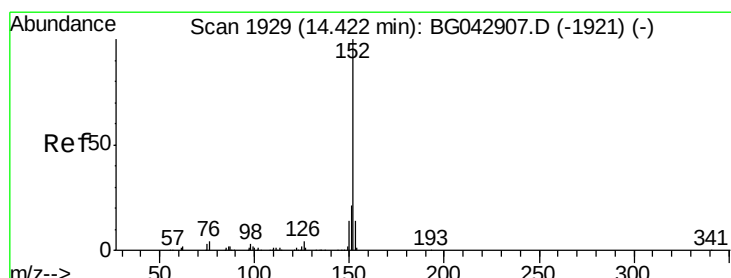
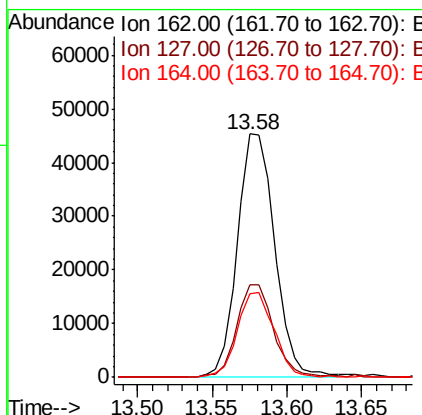
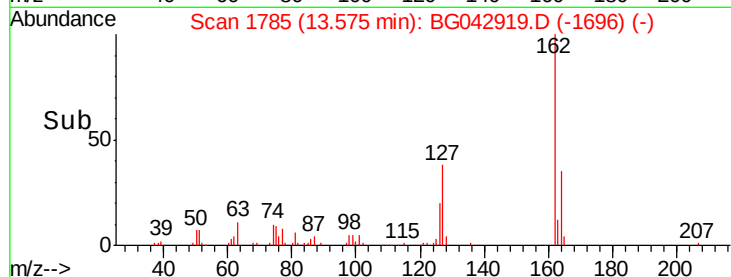
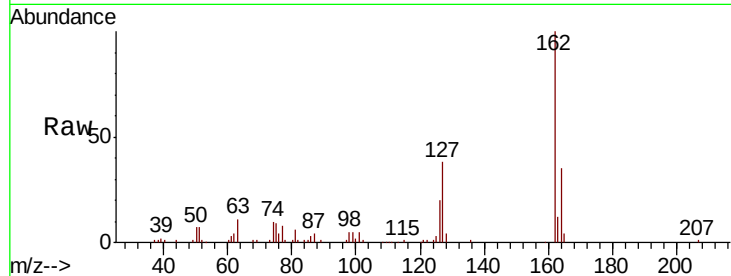
#47
2-Chloronaphthalene
Concen: 8.854 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.1	48.1
164	34.5	26.6	39.8

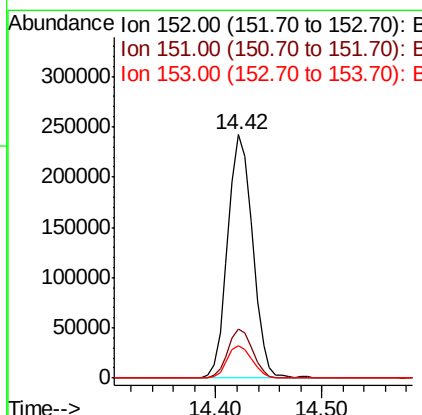
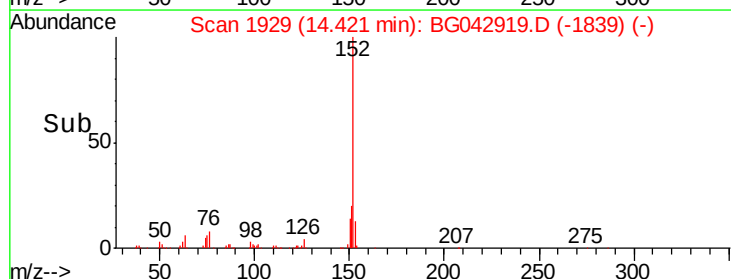
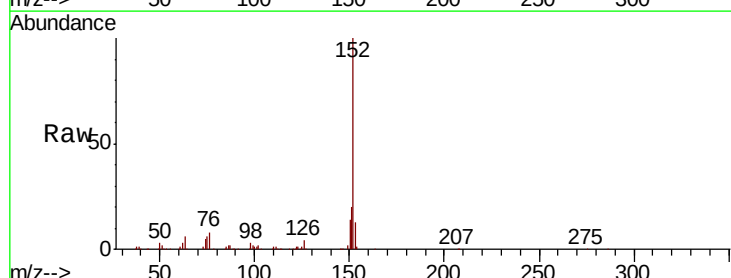
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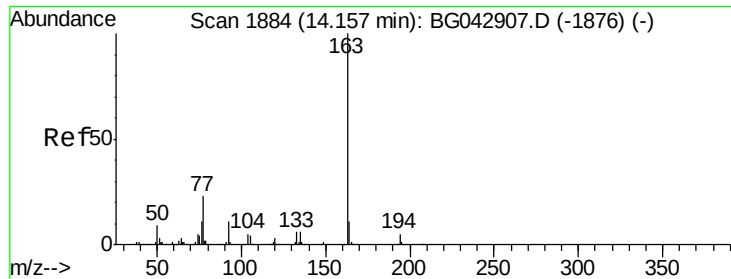
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#49
Acenaphthylene
Concen: 29.463 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.2	10.9	16.3





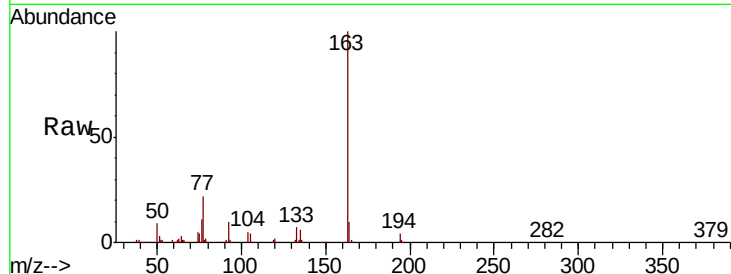
#50
Dimethylphthalate
Concen: 28.962 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

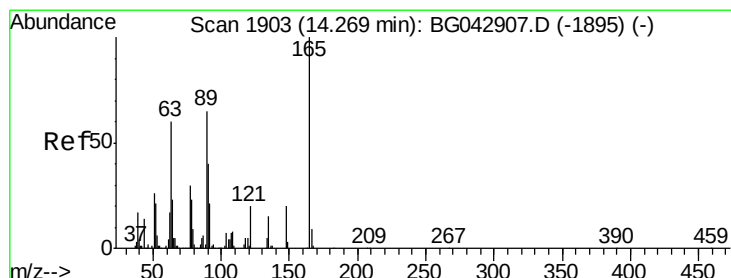
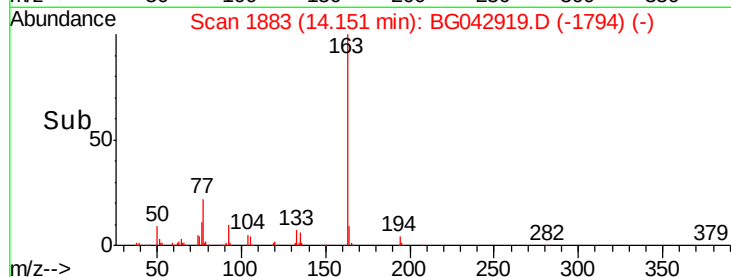
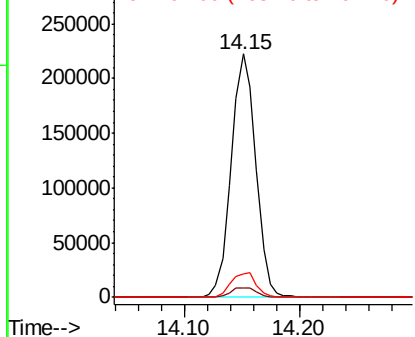
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		327904		
194	4.1		3.8	5.6	
164	9.5		8.4	12.6	

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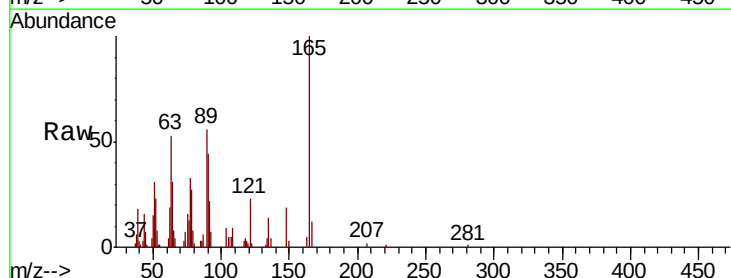


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

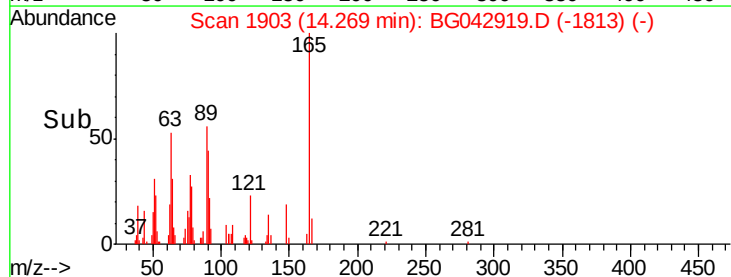
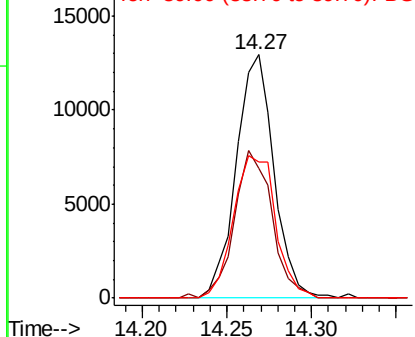


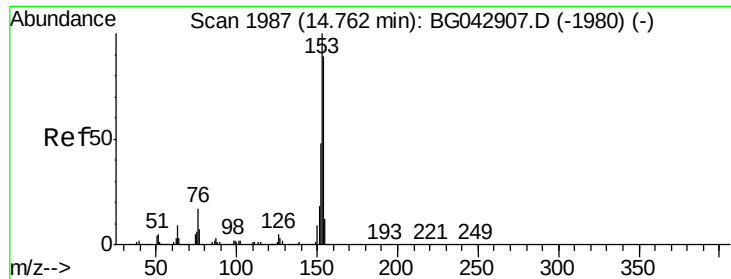
#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		20146		
63	53.4		52.6	79.0	
89	55.9		52.2	78.4	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 33.450 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

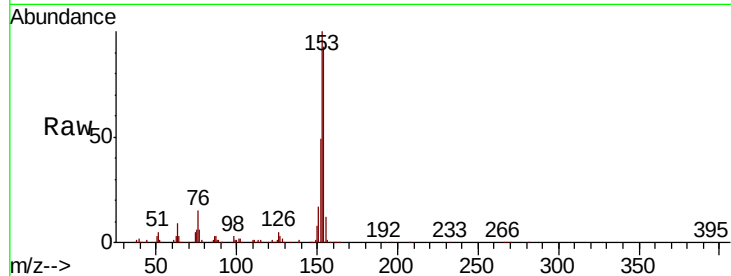
ClientSampled :

PT-BN-WP DL

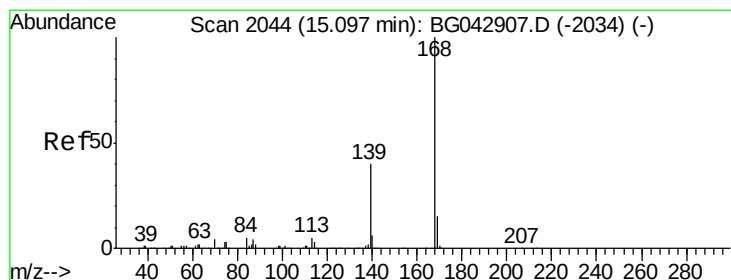
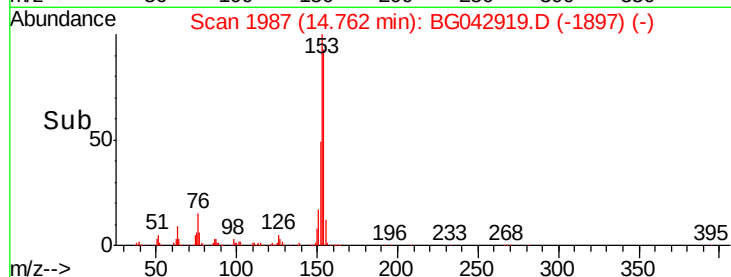
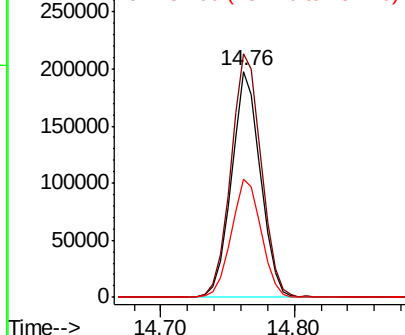
Tot Ion:	154	Resp:	297838
Ion Ratio	Lower	Upper	
154	100		
153	107.6	89.9	134.9
152	52.5	42.7	64.1

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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



#55

Dibenzofuran

Concen: 21.699 ng

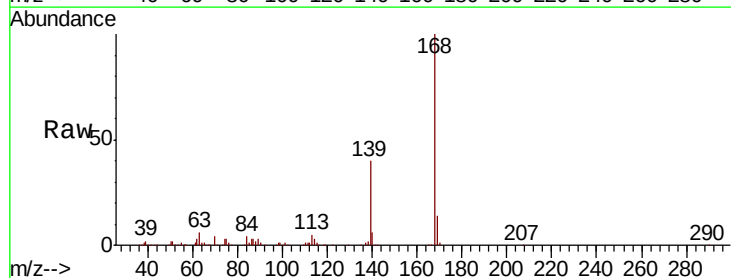
RT: 15.10 min Scan# 2044

Delta R.T. -0.00 min

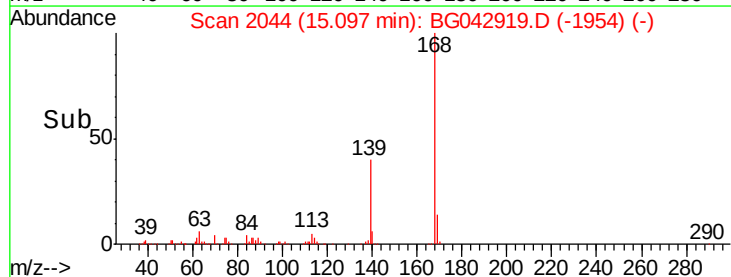
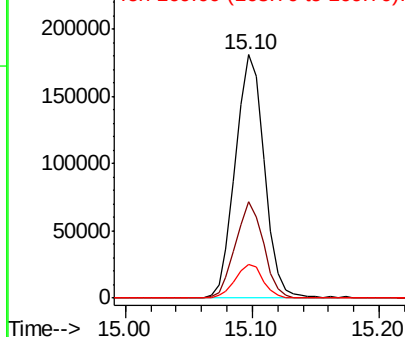
Lab File: BG042919.D

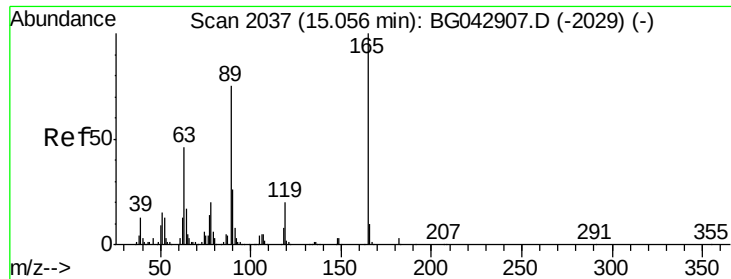
Acq: 23 Sep 2019 19:03

Tgt Ion:	168	Resp:	286608
Ion Ratio	Lower	Upper	
168	100		
139	39.5	32.4	48.6
169	13.6	11.6	17.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#57

2,4-Dinitrotoluene

Concen: 16.939 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

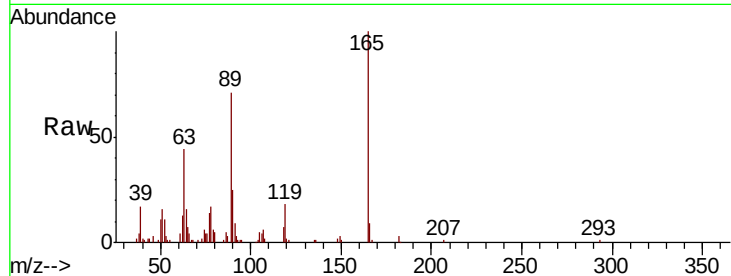
ClientSampleId :

PT-BN-WP DL

Tot Ion:	165	Resp:	57974
Ion Ratio	Lower	Upper	
165	100		
63	44.5	37.4	56.0
89	70.7	59.8	89.8
182	3.4	2.3	3.5

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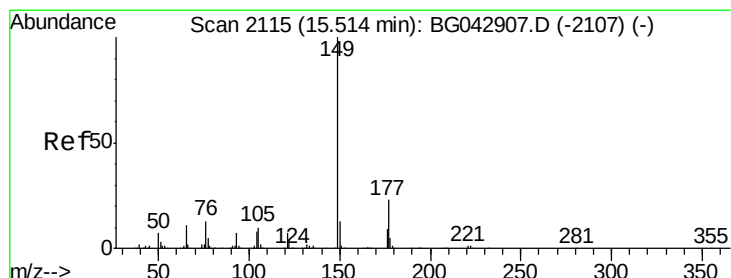
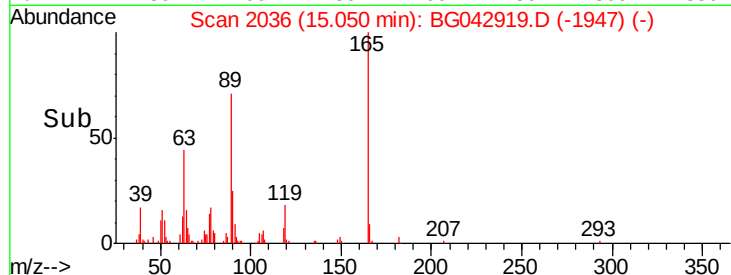
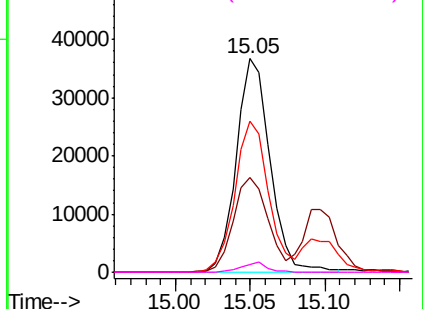


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#60

Diethylphthalate

Concen: 30.158 ng

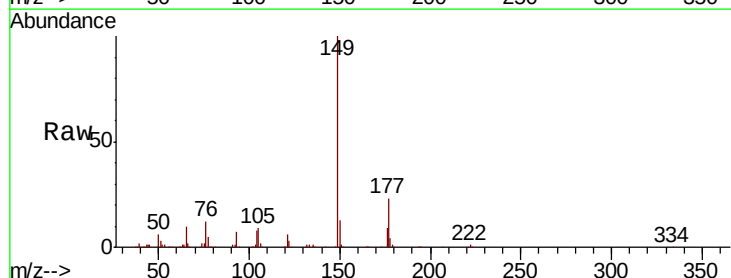
RT: 15.51 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

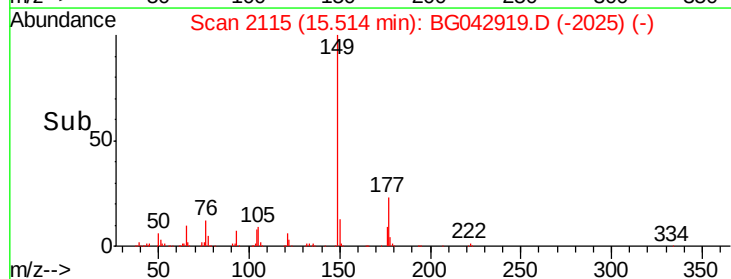
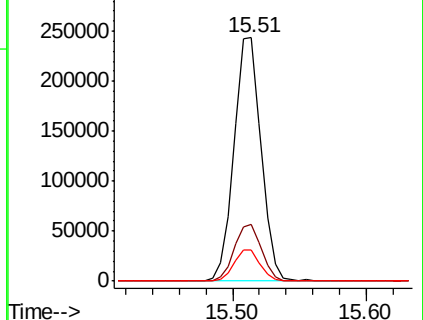
Tgt Ion:	149	Resp:	344505
Ion Ratio	Lower	Upper	
149	100		
177	23.3	18.4	27.6
150	12.7	10.2	15.2

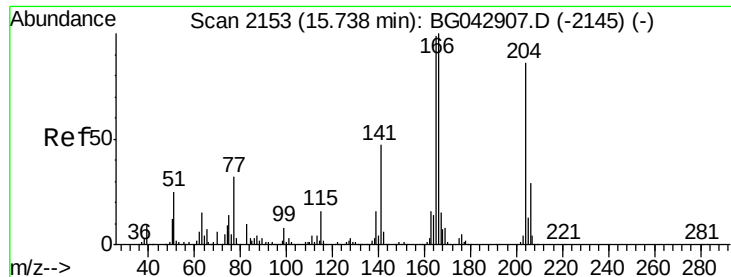


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 19.558 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

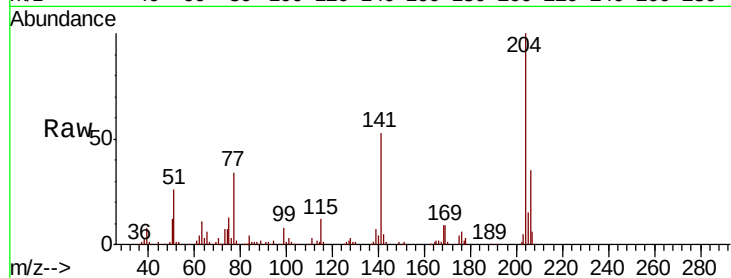
ClientSampleID :

PT-BN-WP DL

Tot Ion:	204	Resp:	129319
Ion Ratio	Lower	Upper	
204	100		
206	34.9	27.4	41.0
141	52.9	43.7	65.5

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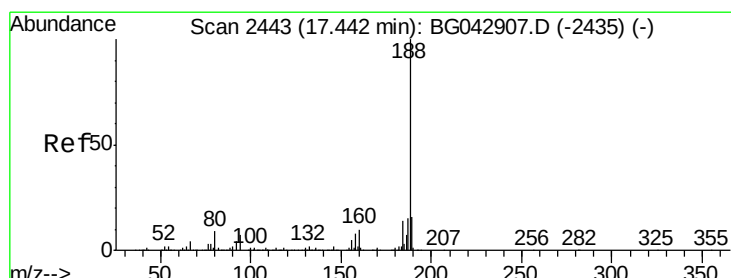
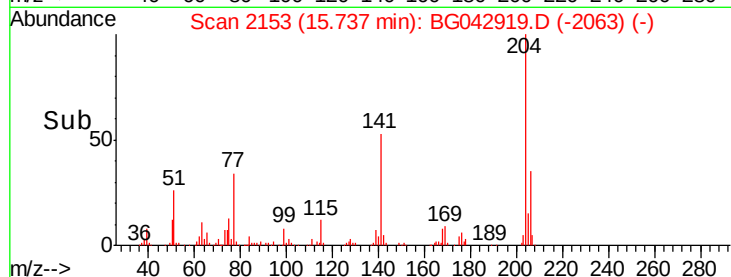
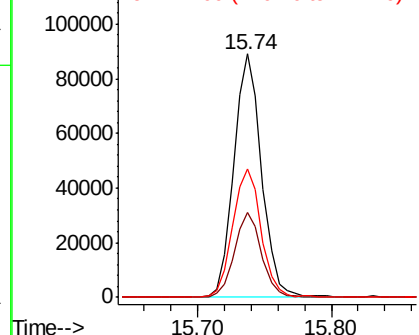


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

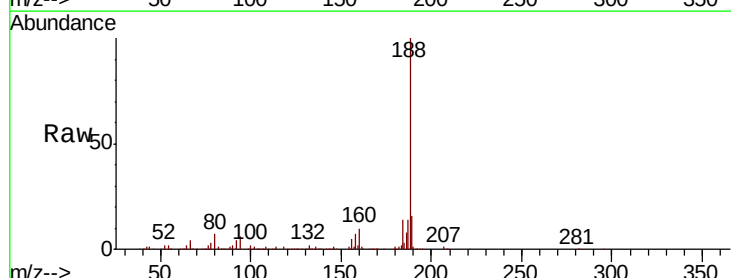
RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Tgt Ion:	188	Resp:	370201
Ion Ratio	Lower	Upper	
188	100		
94	6.3	5.7	8.5
80	7.3	6.9	10.3

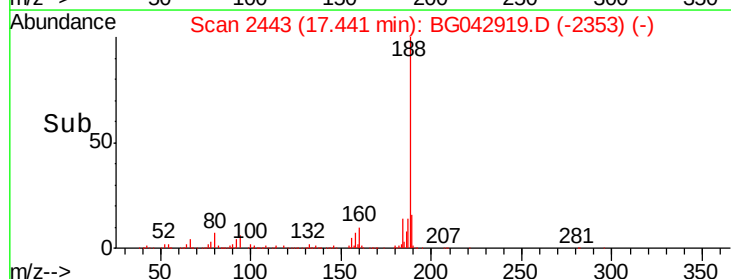
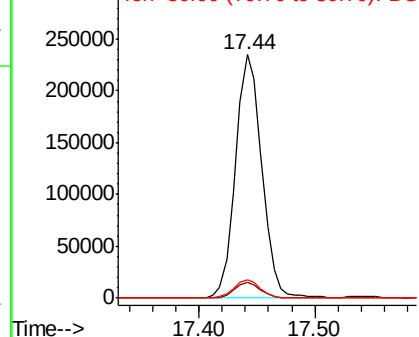


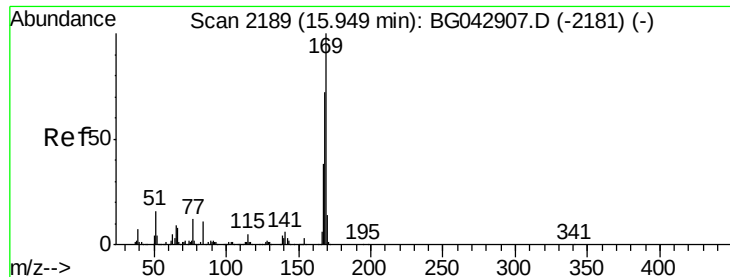
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





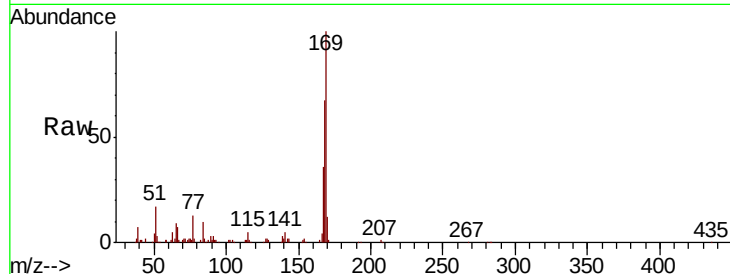
#66
n-Nitrosodiphenylamine
Concen: 8.569 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	57.4	86.2
167	35.8	30.3	45.5

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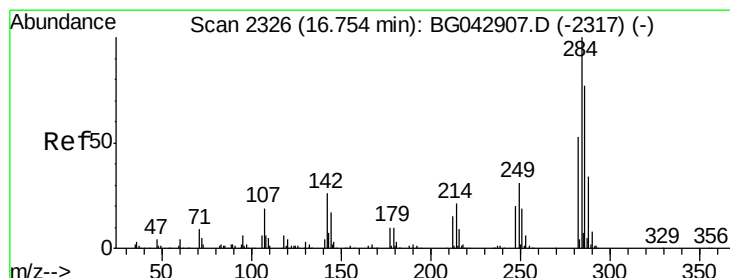
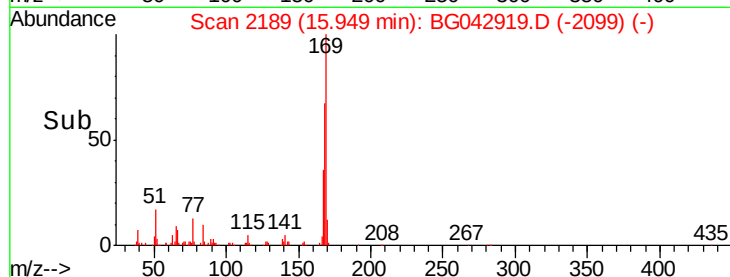
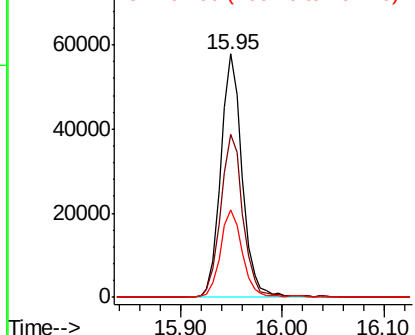


Abundance

Ion 169.00 (168.70 to 169.70): E

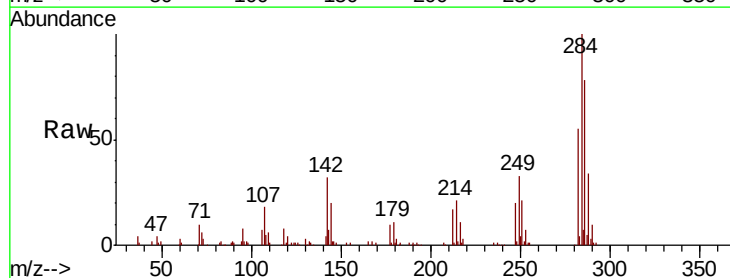
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68
Hexachlorobenzene
Concen: 17.574 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	21.1	31.7#
249	33.3	24.8	37.2

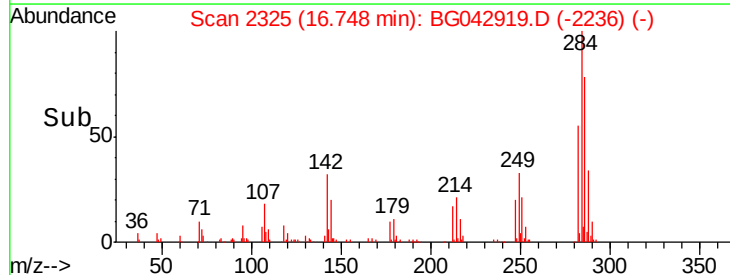
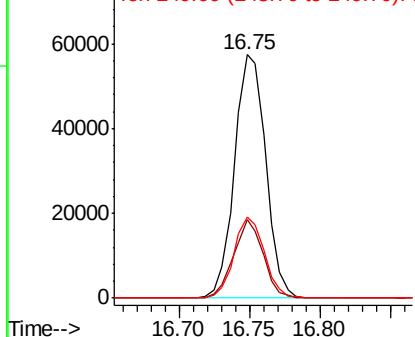


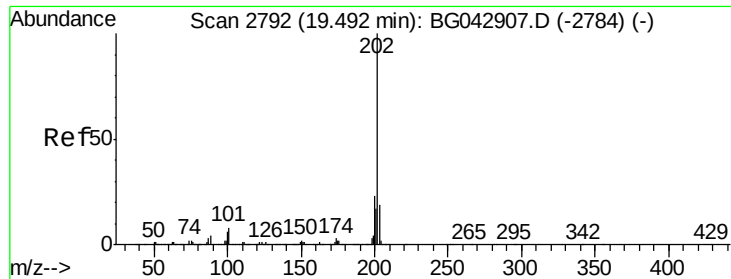
Abundance

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





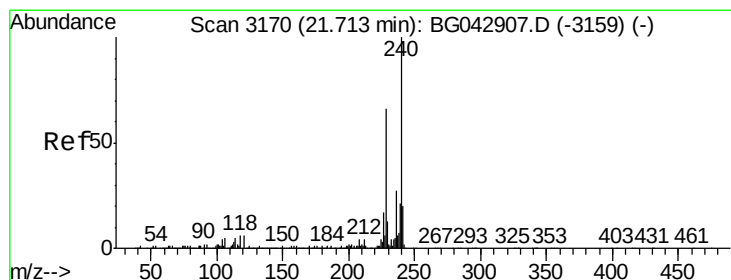
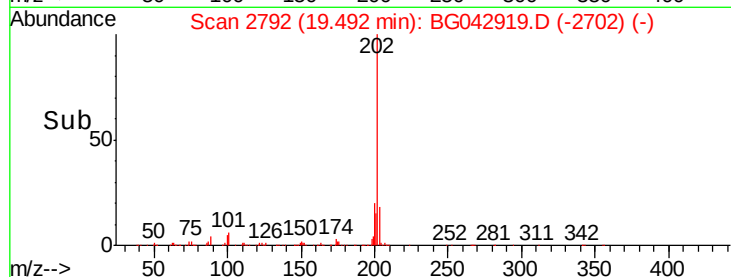
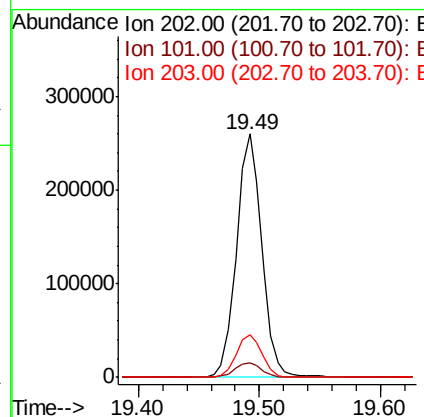
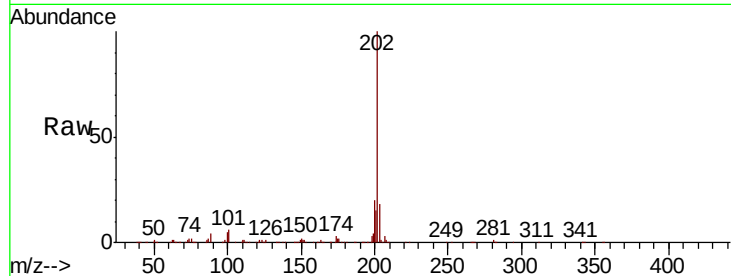
#75
 Fluoranthene
 Concen: 16.654 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	379422		
101	5.9	0.0	27.7	
203	17.5	0.0	38.7	

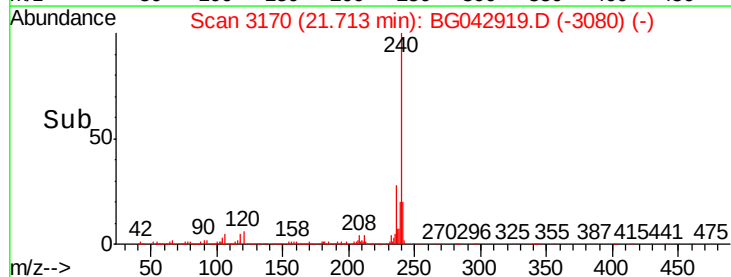
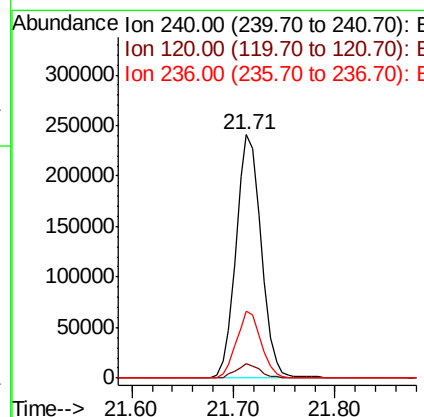
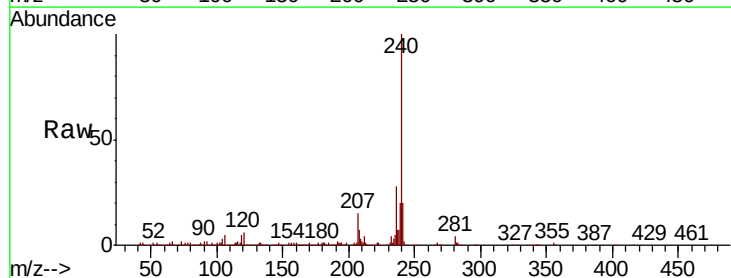
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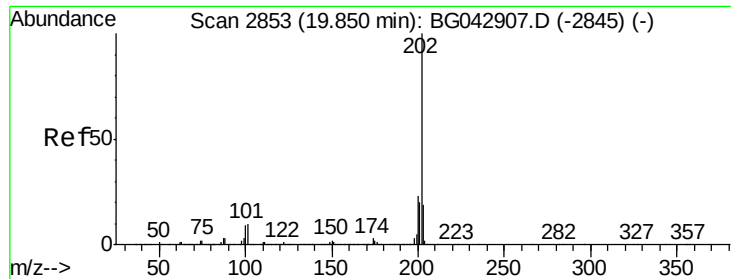
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	416132		
120	6.0	5.2	7.8	
236	27.5	21.7	32.5	





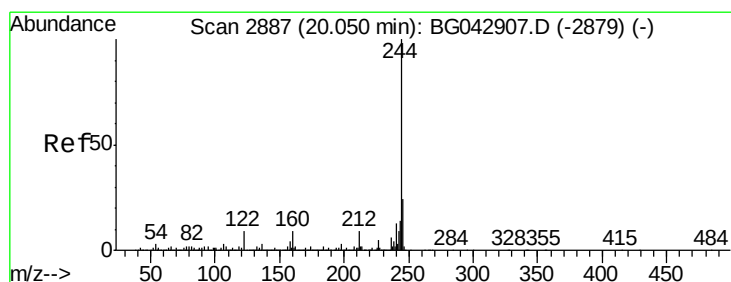
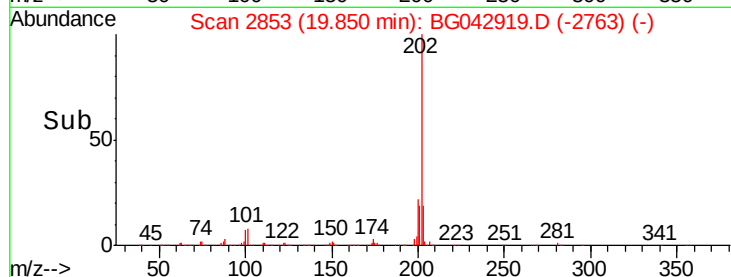
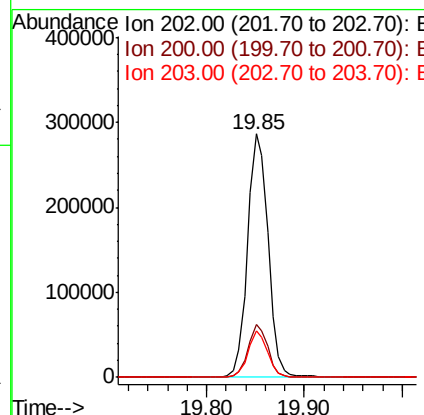
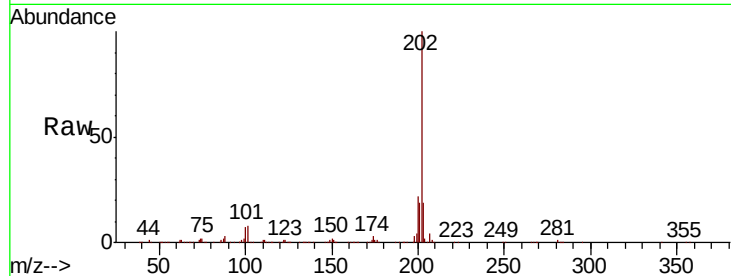
#78
 Pvrene
 Concen: 16.930 ng
 RT: 19.85 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

Tot Ion:	202	Resp:	420167
Ion Ratio		Lower	Upper
202	100		
200	21.6	18.5	27.7
203	19.0	15.4	23.2

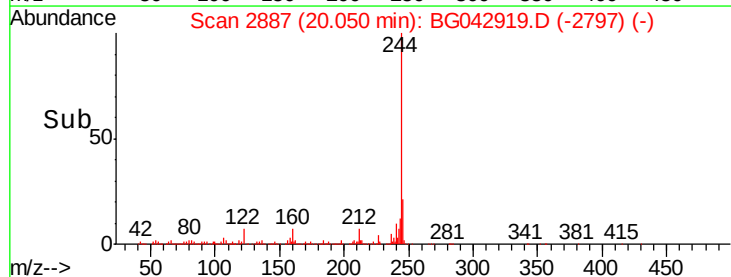
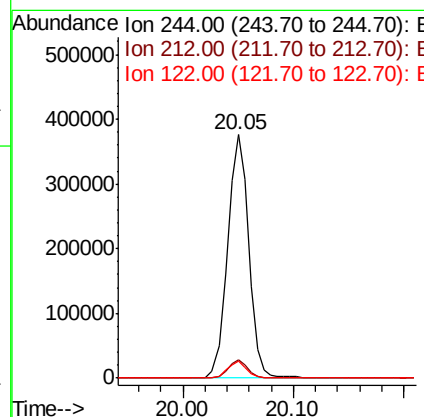
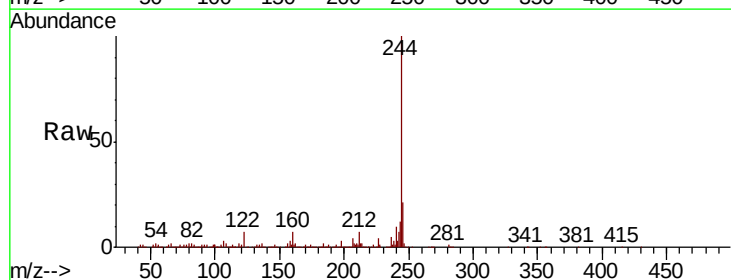
Manual Integrations
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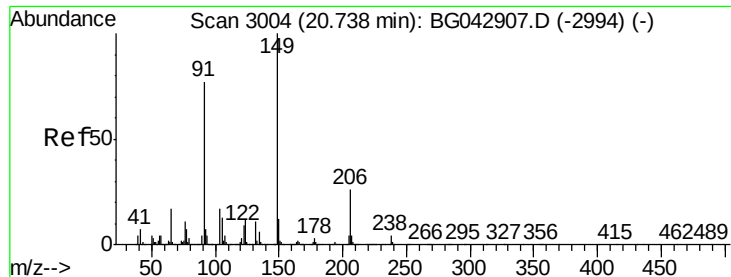
mohammad
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#79
 Terphenyl-d14
 Concen: 24.656 ng
 RT: 20.05 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

Tgt Ion:	244	Resp:	504237
Ion Ratio		Lower	Upper
244	100		
212	7.4	7.1	10.7
122	6.8	6.9	10.3#





#80

Butylbenzylphthalate

Concen: 24.118 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

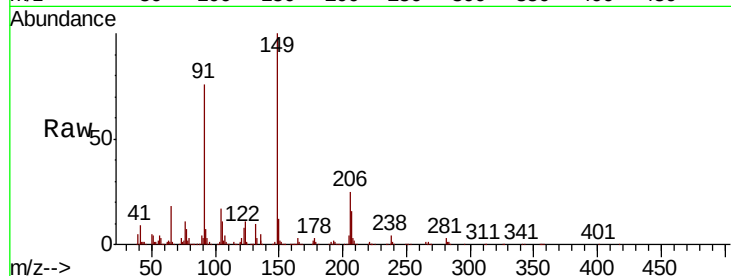
ClientSampleID :

PT-BN-WP DL

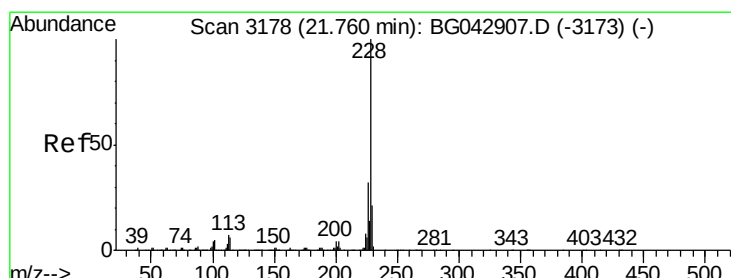
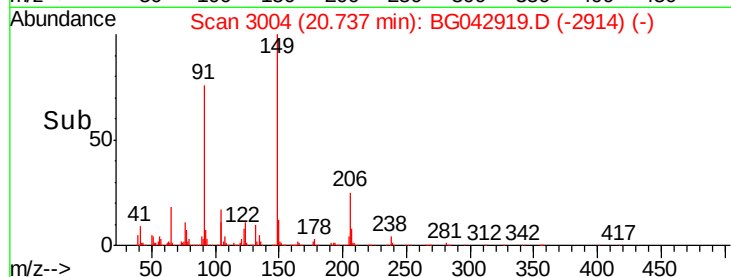
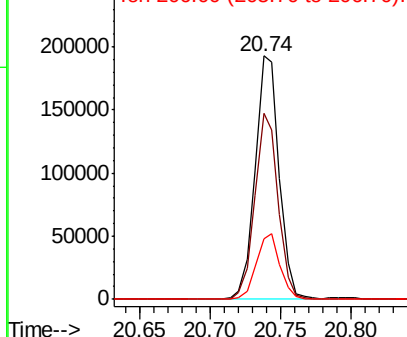
Tot Ion:	149	Resp:	231142
Ion Ratio	Lower	Upper	
149	100		
91	76.4	61.4	92.2
206	24.7	21.0	31.6

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#83

Chrysene

Concen: 7.198 ng

RT: 21.76 min Scan# 3178

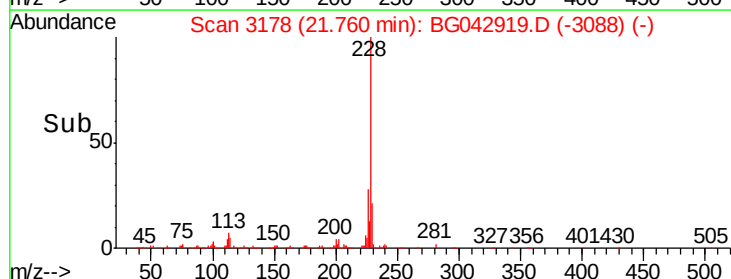
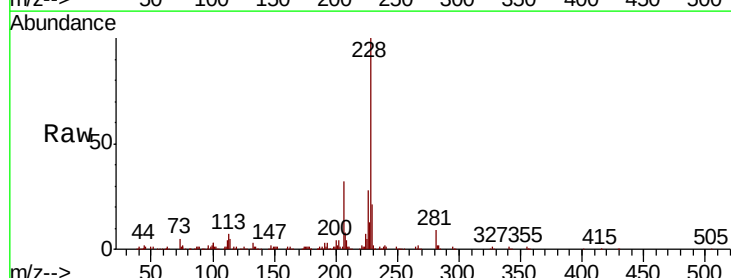
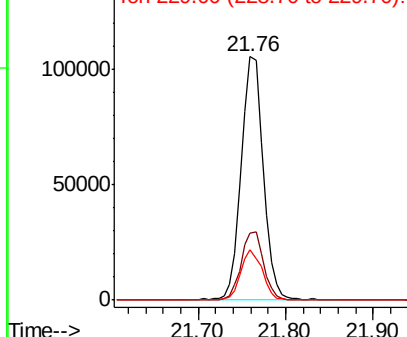
Delta R.T. -0.00 min

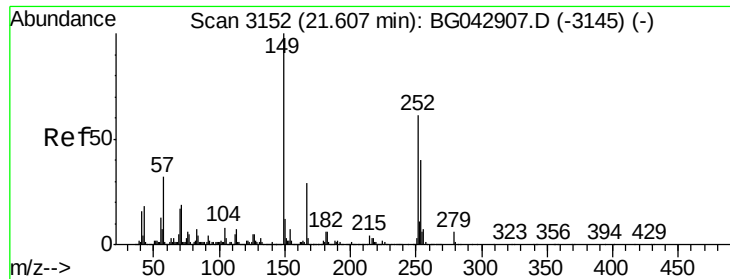
Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Tgt Ion:	228	Resp:	178373
Ion Ratio	Lower	Upper	
228	100		
226	27.8	25.3	37.9
229	20.7	16.5	24.7

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.834 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

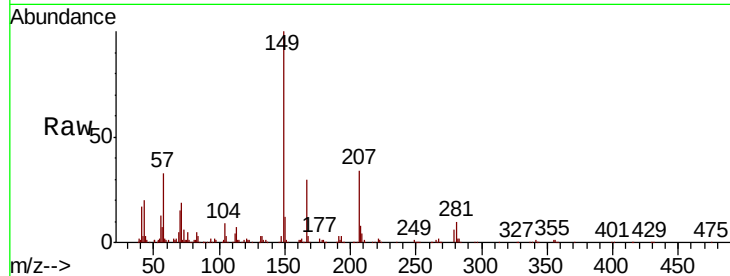
ClientSampleId :

PT-BN-WP DL

Tot Ion:	149	Resp:	133298
Ion Ratio	Lower	Upper	
149	100		
167	29.6	23.4	35.0
279	5.9	4.9	7.3

Manual Integrations
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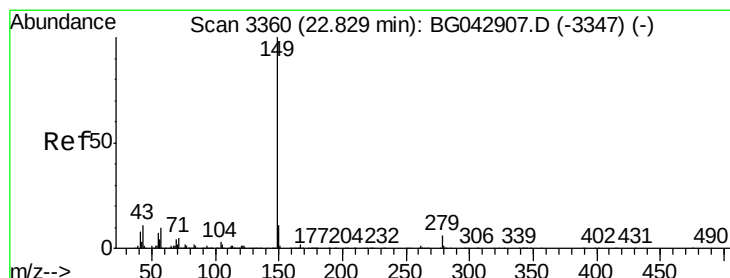
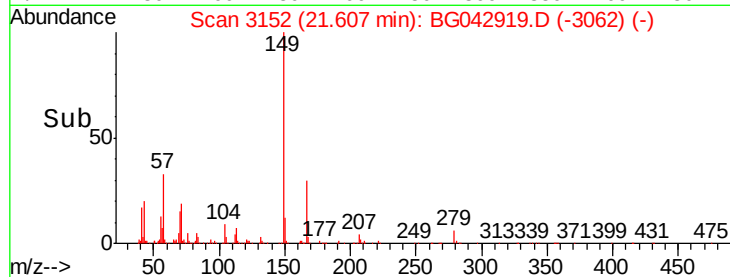
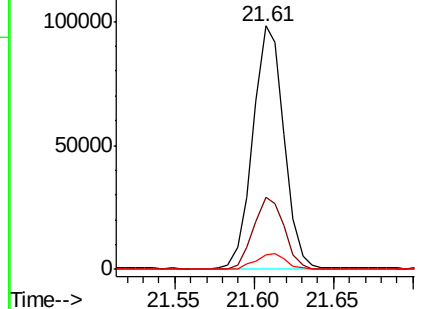
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 24.060 ng

RT: 22.83 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BG042919.D

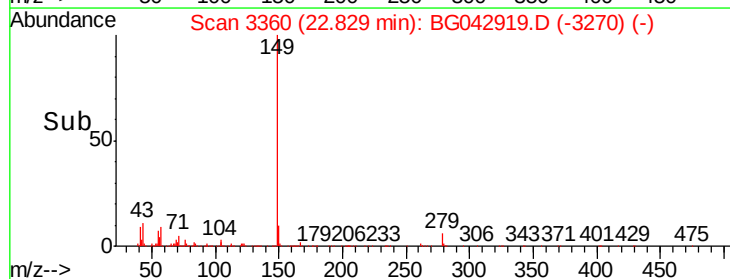
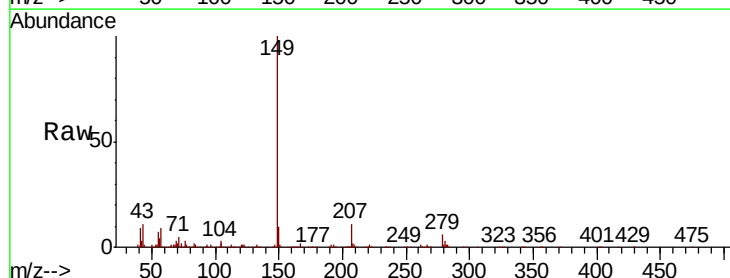
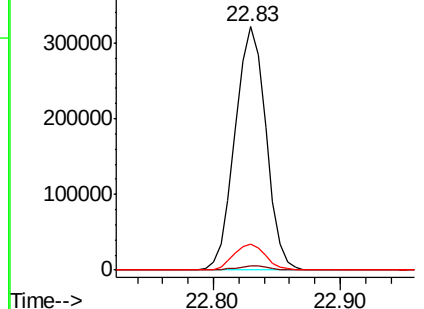
Acq: 23 Sep 2019 19:03

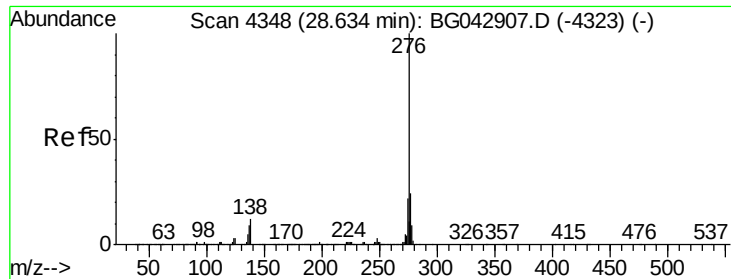
Tgt Ion:	149	Resp:	539611
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	10.8	9.1	13.7

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





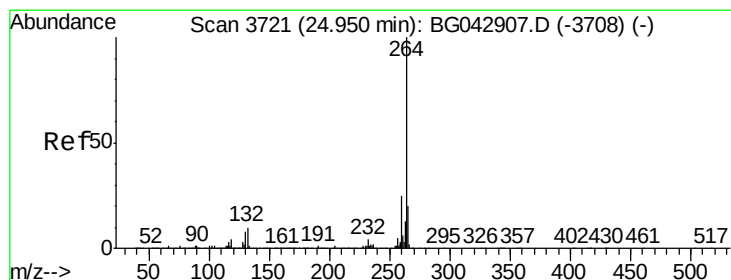
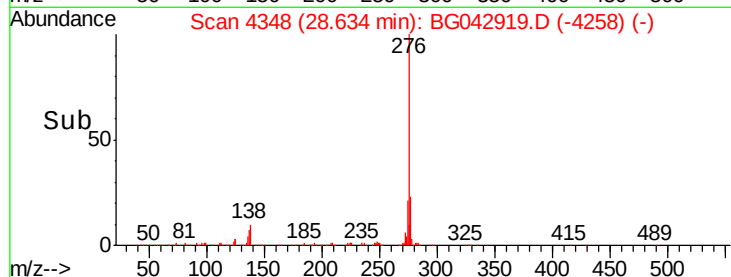
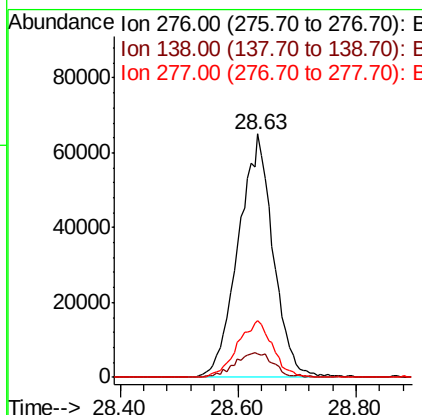
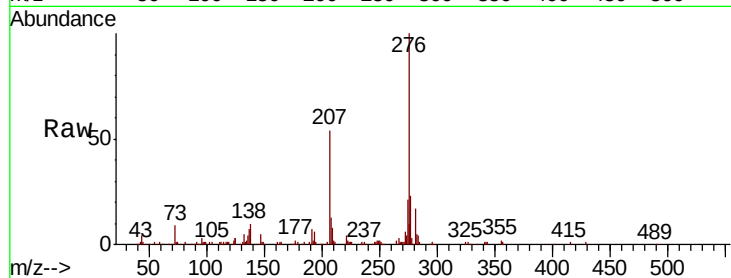
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.650 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.2	12.2	18.2#
277	23.5	20.9	31.3

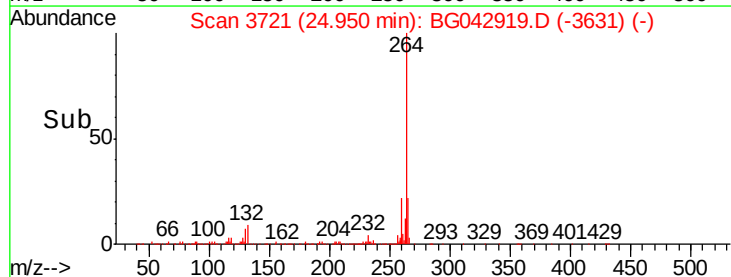
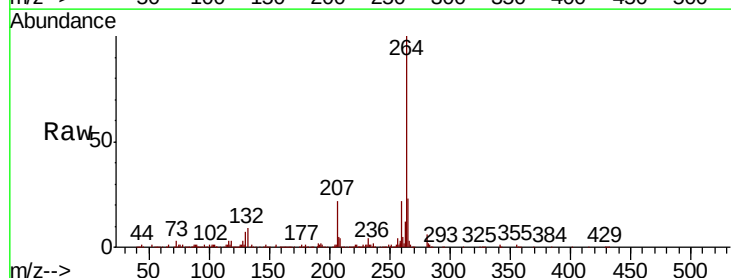
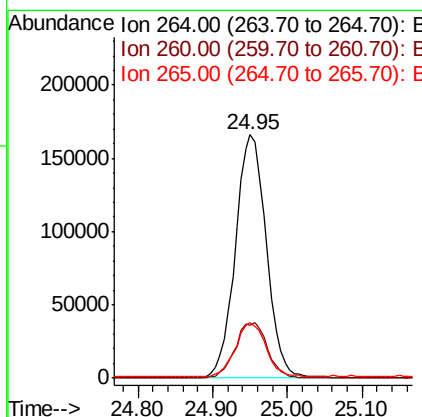
Manual Integrations
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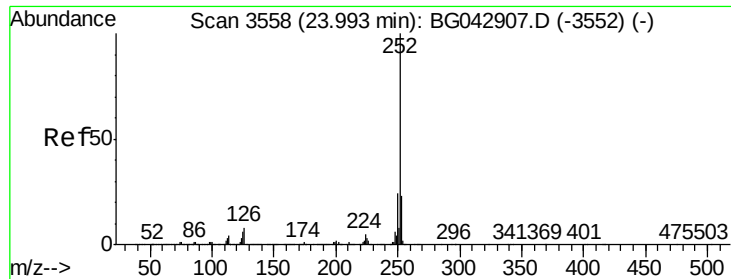
mohammad
9/24/2019 2:38:06 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3721
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	20.4	30.6
265	22.6	17.0	25.4





#89

Benzo(k)fluoranthene

Concen: 20.979 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

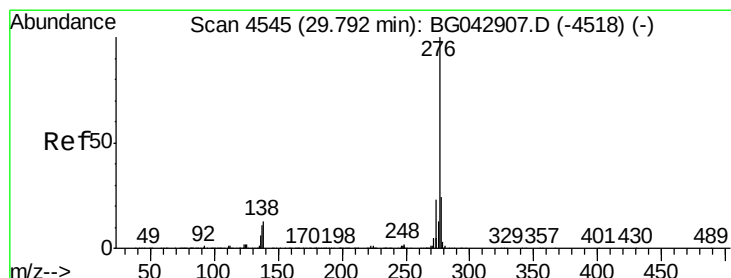
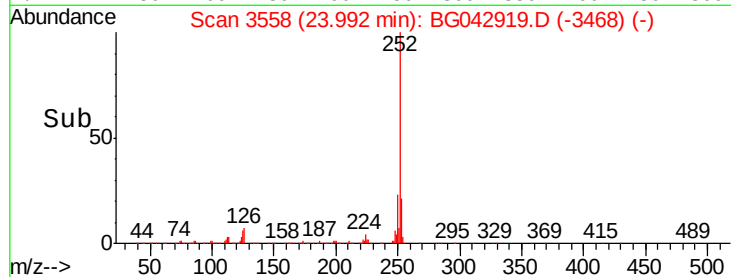
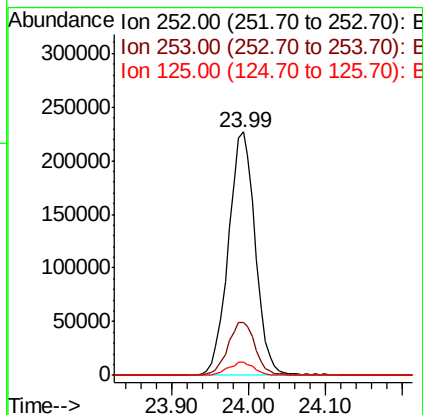
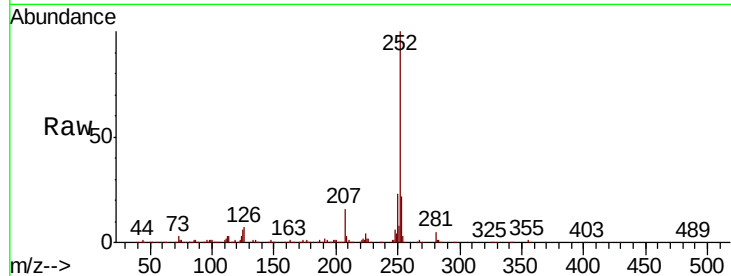
ClientSampleId :

PT-BN-WP DL

Tot Ion:	252	Resp:	552124
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.2
125	5.6	5.0	7.6

Manual Integrations
APPROVED

mohammad
9/24/2019 2:38:06 PM



#92

Benzo(g,h,i)perylene

Concen: 14.396 ng

RT: 29.79 min Scan# 4544

Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Tgt Ion:	276	Resp:	362777
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.2	28.8
138	9.9	10.6	15.8#

