

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041326.D
 Acq On : 19 Jun 2019 13:48
 Operator : HP/JU
 Sample : PB120729BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120729BSD

Manual Integrations
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mohammad
 6/21/2019 9:57:31 PM

Quant Time: Jun 19 15:19:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31610	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	124098	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92332	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	237852	20.00	ng	0.00
76) Chrysene-d12	21.74	240	283859	20.00	ng	0.00
87) Perylene-d12	25.05	264	255148	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	148753	86.47	ng	0.00
7) Phenol-d6	7.23	99	209477	84.00	ng	0.00
23) Nitrobenzene-d5	9.26	82	210236	71.25	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	113540	80.10	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	471394	69.39	ng	0.00
79) Terphenyl-d14	20.06	244	974374	68.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	28955	33.565	ng	94
3) Pyridine	3.88	79	74668	32.627	ng	95
4) n-Nitrosodimethylamine	3.79	42	47660	39.052	ng	# 98
6) Aniline	7.40	93	79780	23.017	ng	95
8) 2-Chlorophenol	7.64	128	87852	43.460	ng	94
9) Benzaldehyde	7.26	77	2845	1.784	ng	# 17
10) Phenol	7.26	94	114738	42.788	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	77794	38.234	ng	97
12) 1,3-Dichlorobenzene	7.96	146	96497	38.126	ng	98
13) 1,4-Dichlorobenzene	8.11	146	98822	38.223	ng	94
14) 1,2-Dichlorobenzene	8.43	146	93336	37.796	ng	97
15) Benzyl Alcohol	8.32	79	94228	39.439	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	123946	37.213	ng	97
17) 2-Methylphenol	8.52	107	80456	41.967	ng	96
18) Hexachloroethane	9.16	117	37431	36.535	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	74724	37.050	ng	99
20) 3+4-Methylphenols	8.85	107	109308	42.830	ng	93
22) Acetophenone	8.91	105	143182	39.649	ng	# 95
24) Nitrobenzene	9.30	77	119319	40.206	ng	96
25) Isophorone	9.82	82	210375	38.861	ng	98
26) 2-Nitrophenol	10.01	139	50708	42.146	ng	97
27) 2,4-Dimethylphenol	10.06	122	85436	47.373	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	109564	38.843	ng	98
29) 2,4-Dichlorophenol	10.55	162	100218	44.817	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	115521	40.337	ng	98
31) Naphthalene	10.95	128	277774	41.185	ng	98
32) Benzoic acid	10.21	122	49793	42.413	ng	96
33) 4-Chloroaniline	11.07	127	65674	22.928	ng	# 95
34) Hexachlorobutadiene	11.21	225	83219	36.608	ng	97
35) Caprolactam	11.86	113	31439m	40.839	ng	
36) 4-Chloro-3-methylphenol	12.18	107	111380	43.121	ng	96
37) 2-Methylnaphthalene	12.55	142	206421	41.554	ng	99
38) 1-Methylnaphthalene	12.77	142	196407	41.325	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	153078	40.150	ng	98

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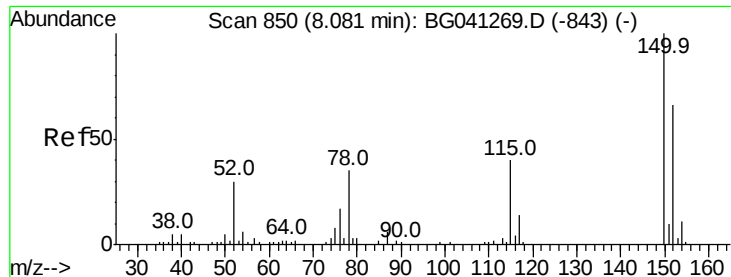
Manual Integrations
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 6/21/2019 9:57:31 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
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 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	152875	59.527	ng	100
43) 2,4,6-Trichlorophenol	13.15	196	96117	40.752	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	104857	43.208	ng	98
46) 1,1'-Biphenyl	13.55	154	285136	40.849	ng	100
47) 2-Chloronaphthalene	13.60	162	236385	39.334	ng	97
48) 2-Nitroaniline	13.81	65	85876	39.018	ng	92
49) Acenaphthylene	14.44	152	364496	39.970	ng	99
50) Dimethylphthalate	14.17	163	306648	37.326	ng	99
51) 2,6-Dinitrotoluene	14.29	165	70506	40.702	ng	96
52) Acenaphthene	14.78	154	216687	40.465	ng	96
53) 3-Nitroaniline	14.64	138	49758	29.155	ng	# 99
54) 2,4-Dinitrophenol	14.84	184	81976	66.674	ng	88
55) Dibenzofuran	15.11	168	380057	40.820	ng	98
56) 4-Nitrophenol	14.93	139	108316	83.401	ng	93
57) 2,4-Dinitrotoluene	15.08	165	99945	39.470	ng	97
58) Fluorene	15.76	166	295021	40.281	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	109955	43.814	ng	98
60) Diethylphthalate	15.52	149	320174	38.343	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	186077	39.049	ng	97
62) 4-Nitroaniline	15.80	138	70728	38.748	ng	98
63) Azobenzene	16.04	77	299524	40.208	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	58585	37.947	ng	94
66) n-Nitrosodiphenylamine	15.96	169	267130	42.297	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	123143	40.040	ng	95
68) Hexachlorobenzene	16.76	284	130001	39.474	ng	97
69) Atrazine	16.91	200	105796	49.252	ng	95
70) Pentachlorophenol	17.11	266	152444	90.397	ng	97
71) Phenanthrene	17.51	178	529468	41.738	ng	99
72) Anthracene	17.60	178	541448	43.294	ng	99
73) Carbazole	17.87	167	470255	42.984	ng	97
74) Di-n-butylphthalate	18.40	149	554541	40.624	ng	99
75) Fluoranthene	19.51	202	713163	42.317	ng	99
77) Benzidine	19.69	184	195313	28.447	ng	99
78) Pyrene	19.87	202	715271	37.363	ng	100
80) Butylbenzylphthalate	20.73	149	268611	37.096	ng	96
81) Benzo(a)anthracene	21.72	228	701364	36.492	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	191278	28.351	ng	98
83) Chrysene	21.79	228	684656	37.042	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	363896	36.876	ng	98
85) Di-n-octyl phthalate	22.82	149	622646	37.295	ng	100
86) Indeno(1,2,3-cd)pyrene	28.85	276	781297	35.628	ng	99
88) Benzo(b)fluoranthene	23.99	252	697286	44.097	ng	98
89) Benzo(k)fluoranthene	24.06	252	689800	44.036	ng	99
90) Benzo(a)pyrene	24.89	252	683307	45.757	ng	98
91) Dibenzo(a,h)anthracene	28.92	278	656380	43.659	ng	98
92) Benzo(g,h,i)perylene	30.06	276	629994	42.402	ng	97

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



#1

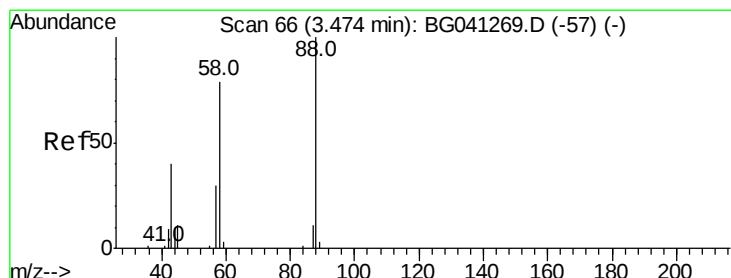
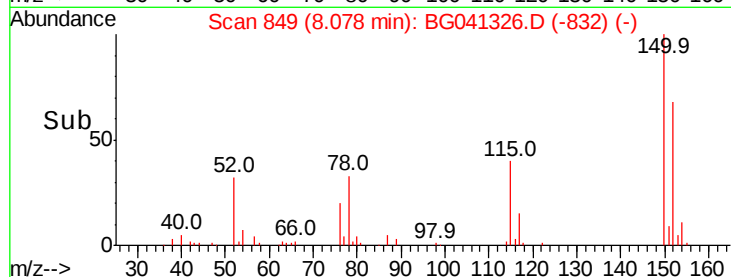
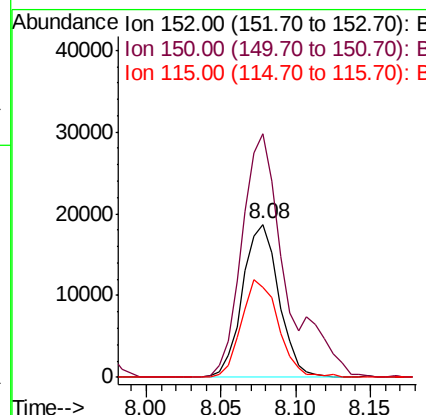
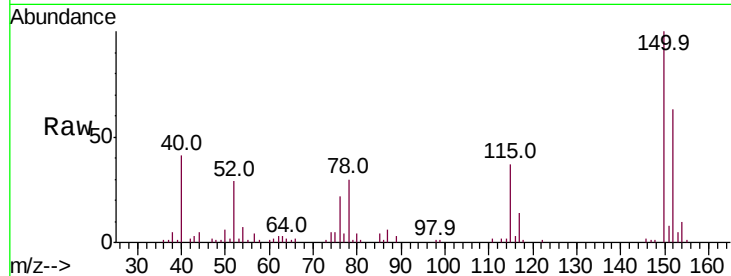
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Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	120.6	181.0
115	59.2	47.9	71.9

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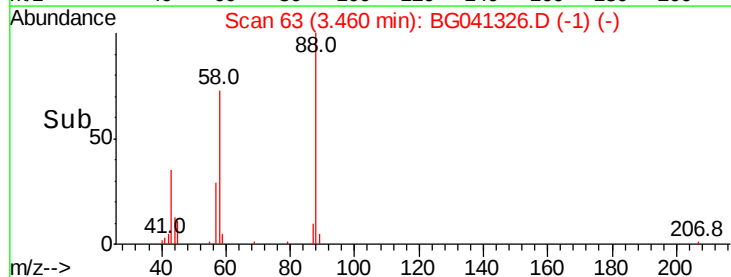
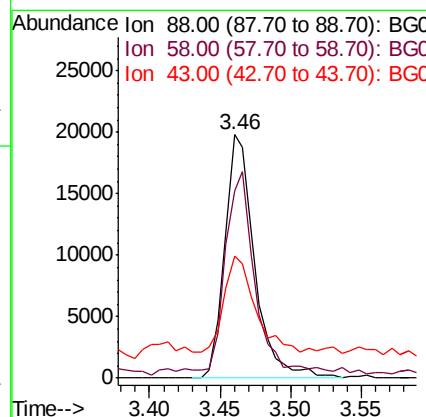
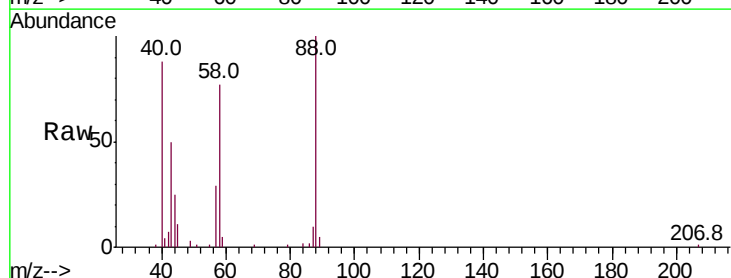
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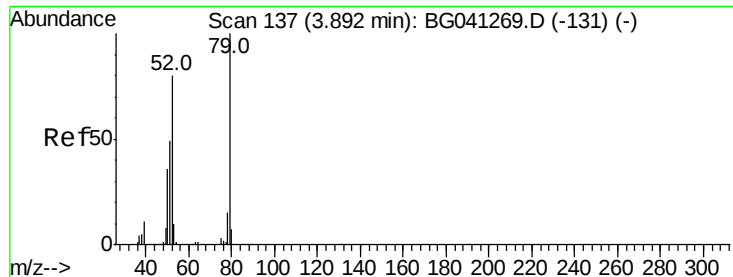


#2

1,4-Dioxane
Concen: 33.565 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.7	59.7	89.5
43	46.8	31.9	47.9





#3

Pvridine

Concen: 32.627 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

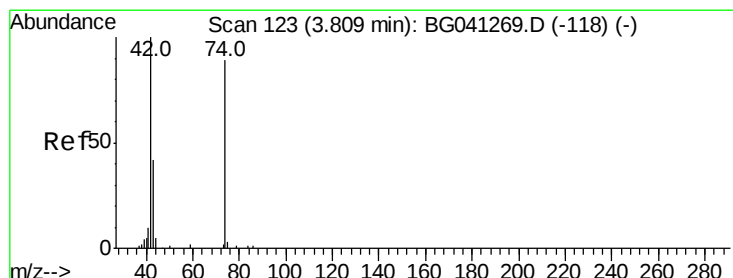
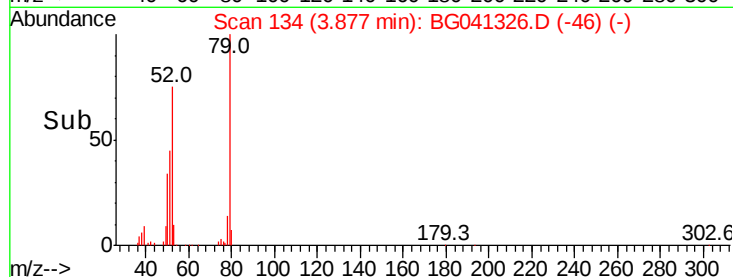
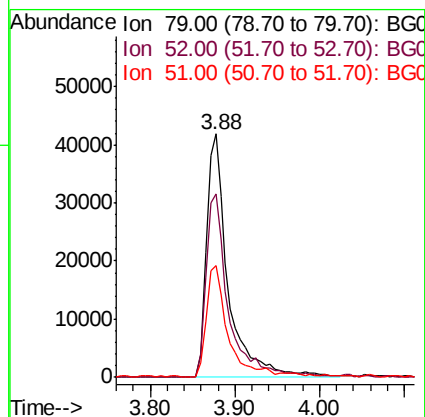
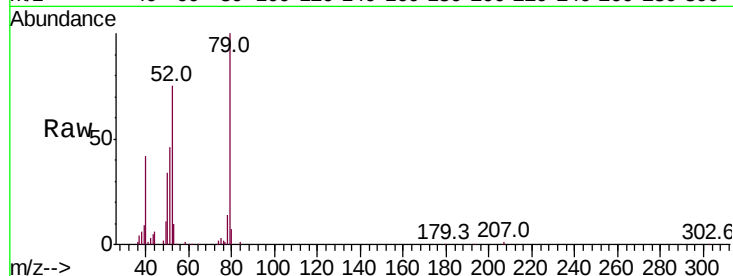
ClientSampleId :

PB120729BSD

Tot Ion:	79	Resp:	74668
Ion	Ratio	Lower	Upper
79	100		
52	75.3	63.6	95.4
51	46.0	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 39.052 ng

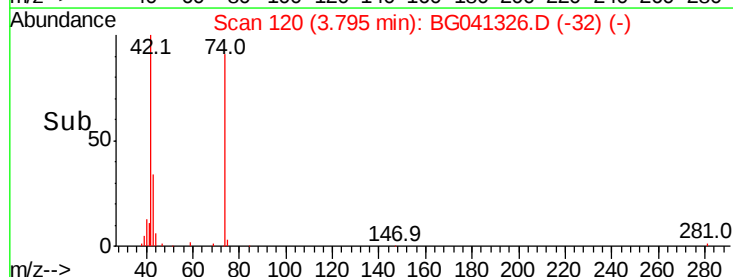
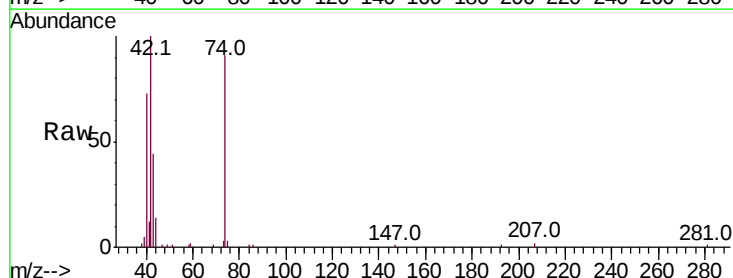
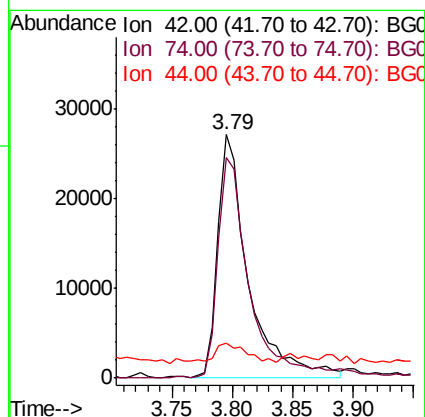
RT: 3.79 min Scan# 120

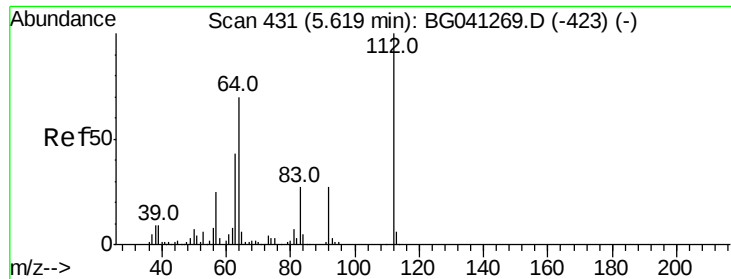
Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:	42	Resp:	47660
Ion	Ratio	Lower	Upper
42	100		
74	90.7	71.6	107.4
44	14.3	9.0	13.4#





#5

2-Fluorophenol

Concen: 86.467 ng

RT: 5.62 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

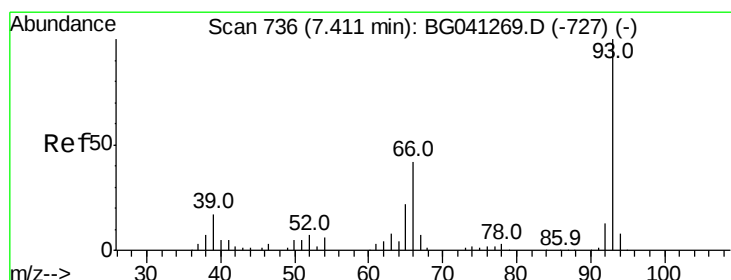
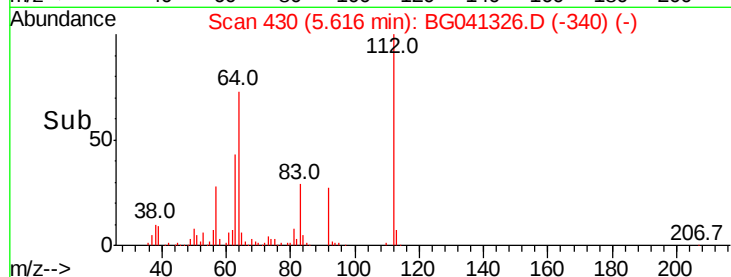
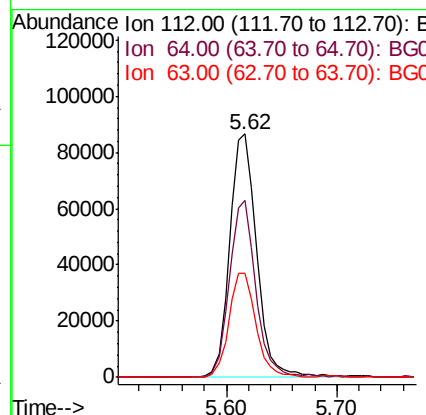
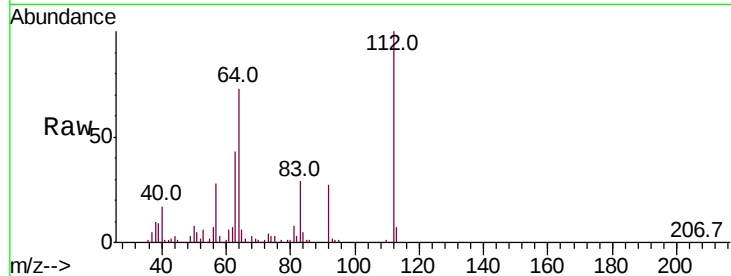
ClientSampleId :

PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	148753		
64	72.7	55.9	83.9	
63	42.7	34.6	51.8	

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#6

Aniline

Concen: 23.017 ng

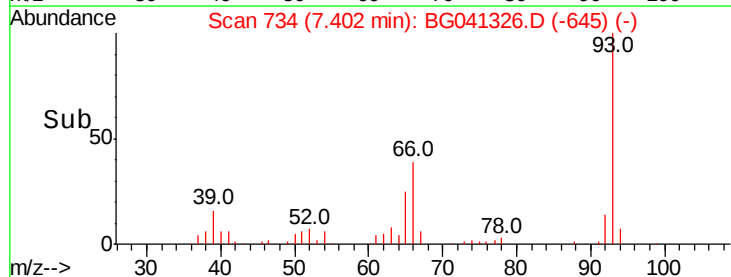
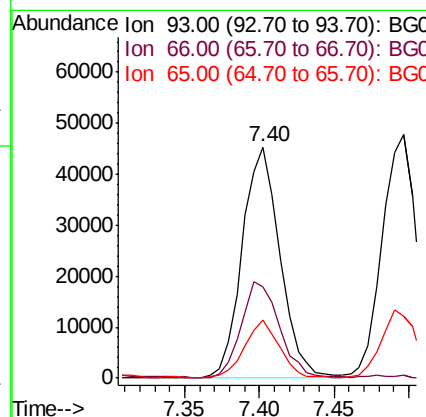
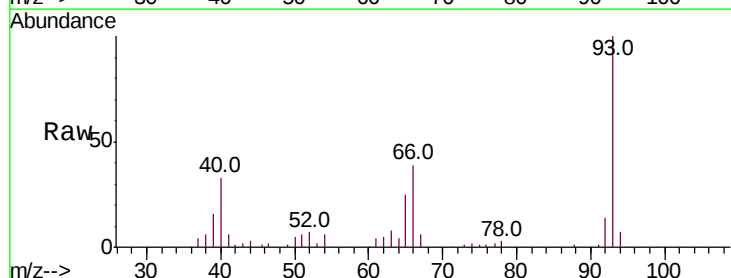
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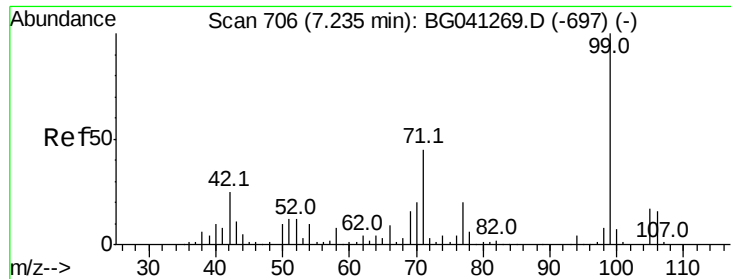
Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	79780		
66	39.5	34.2	51.2	
65	25.1	17.7	26.5	





#7

Phenol-d6

Concen: 84.004 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

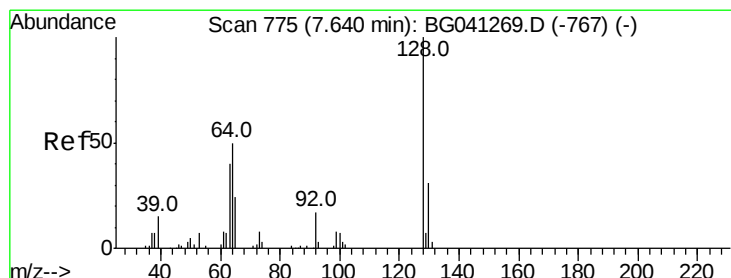
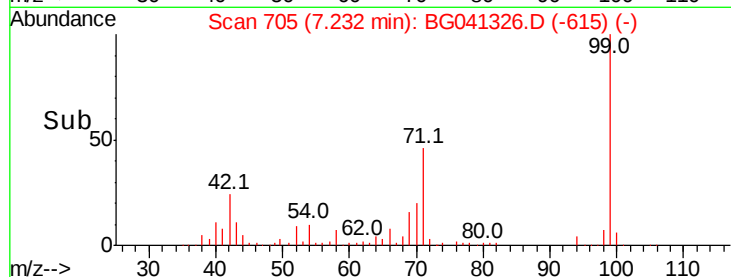
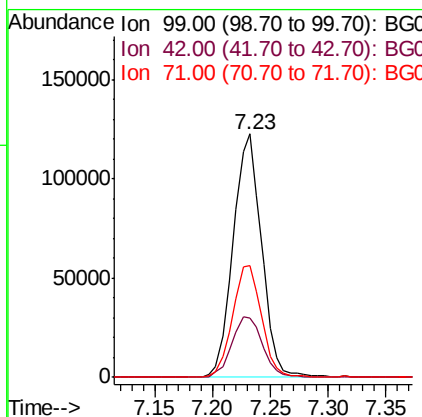
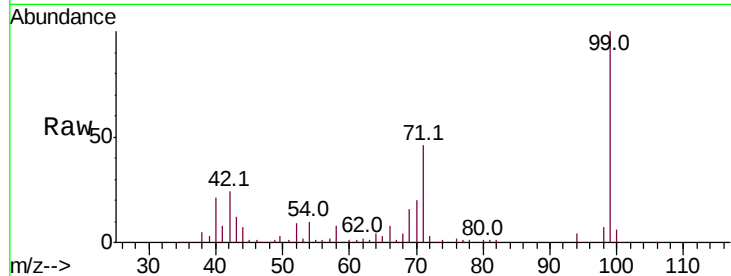
ClientSampleId :

PB120729BSD

Tot Ion:	99	Resp:	209477
Ion Ratio	Lower	Upper	
99	100		
42	24.4	19.9	29.9
71	45.7	36.4	54.6

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#8

2-Chlorophenol

Concen: 43.460 ng

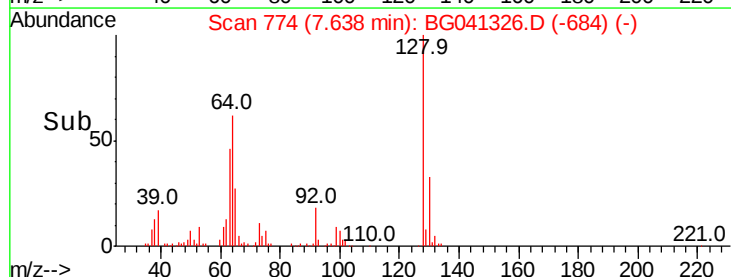
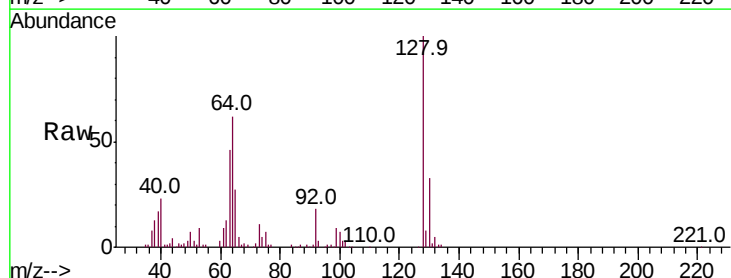
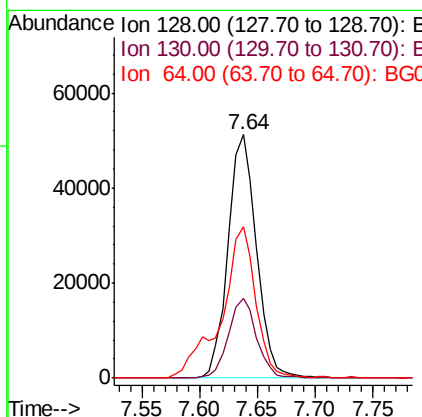
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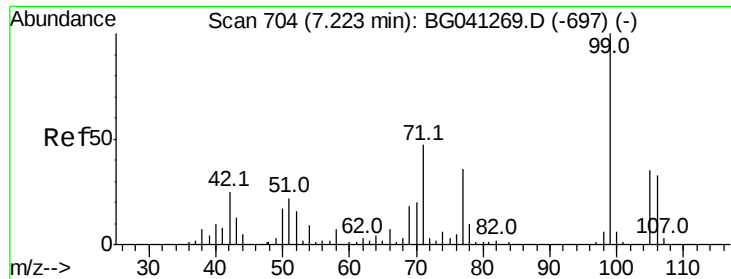
Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:	128	Resp:	87852
Ion Ratio	Lower	Upper	
128	100		
130	32.7	11.1	51.1
64	62.2	36.6	76.6





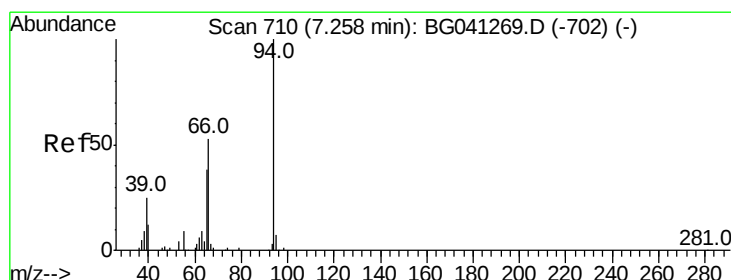
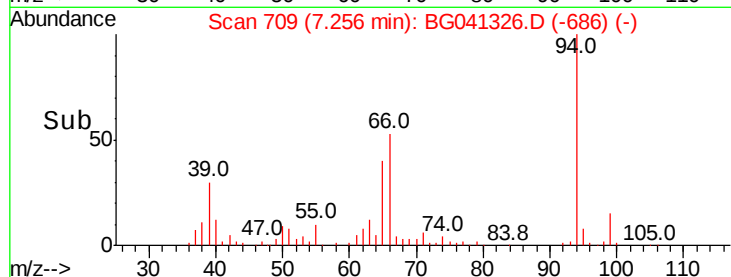
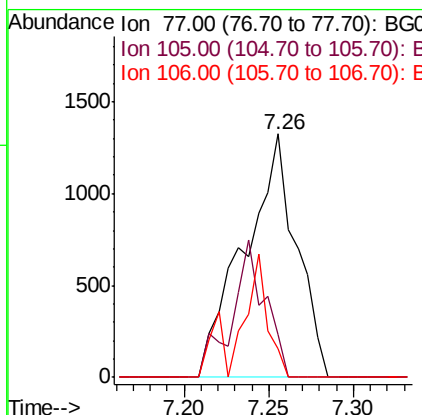
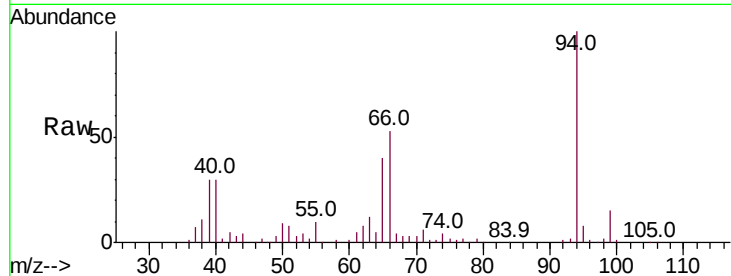
#9
Benzaldehyde
Concen: 1.784 ng
RT: 7.26 min Scan# 709
Delta R.T. 0.03 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleID :
PB120729BSD

Tot Ion: 77 Resp: 2845
Ion Ratio Lower Upper
77 100
105 17.6 78.7 118.7#
106 11.9 71.1 111.1#

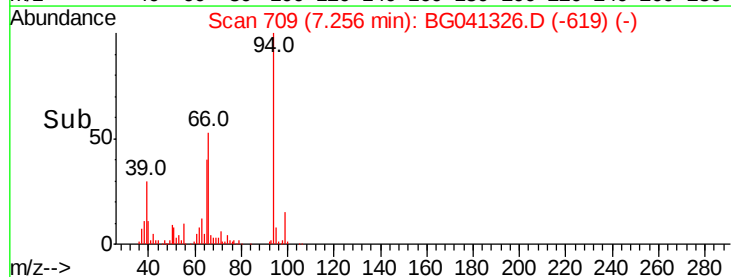
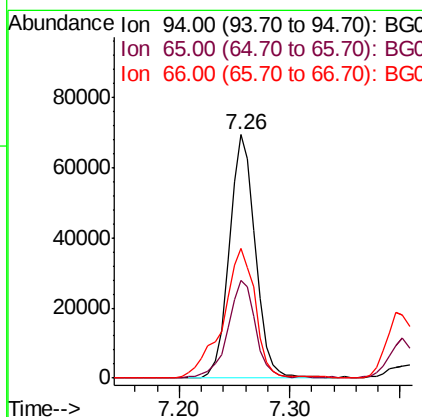
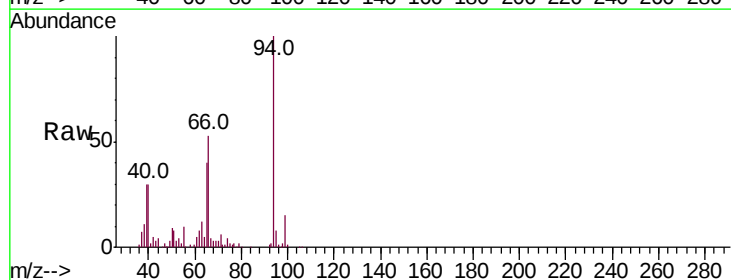
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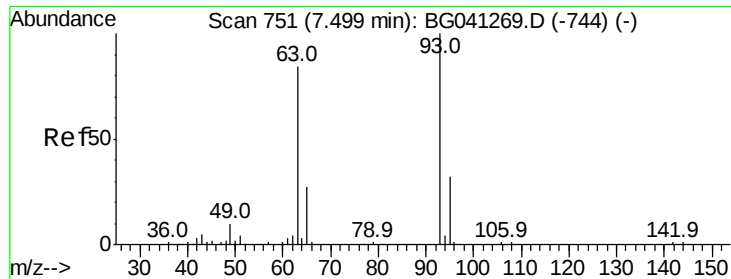
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#10
Phenol
Concen: 42.788 ng
RT: 7.26 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion: 94 Resp: 114738
Ion Ratio Lower Upper
94 100
65 40.3 18.7 58.7
66 53.1 35.5 75.5





#11

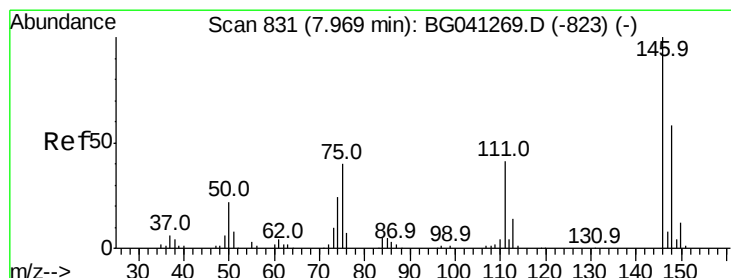
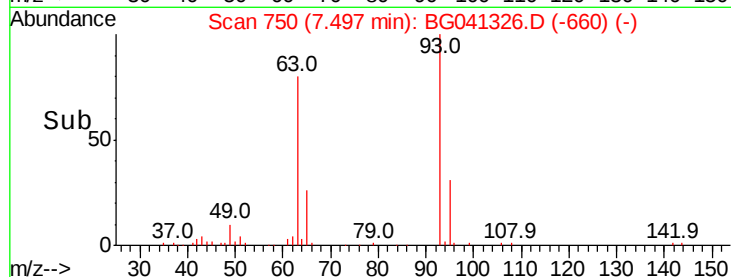
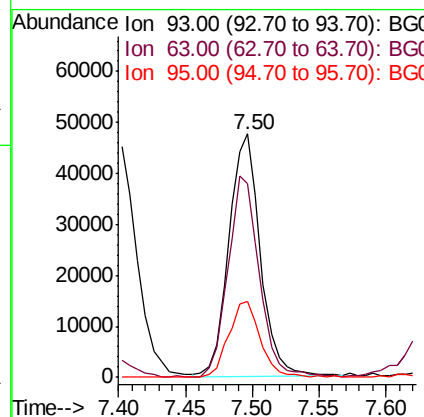
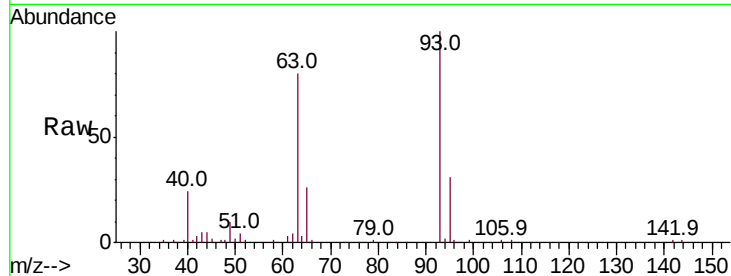
bis(2-Chloroethyl)ether
Concen: 38.234 ng
RT: 7.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	63.6	103.6
95	31.0	11.2	51.2

Manual Integrations
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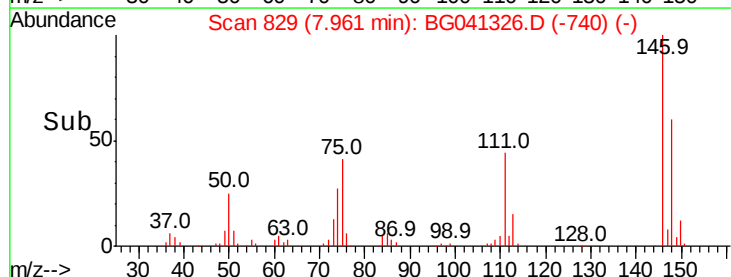
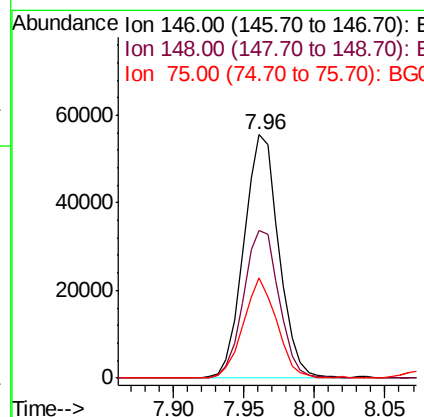
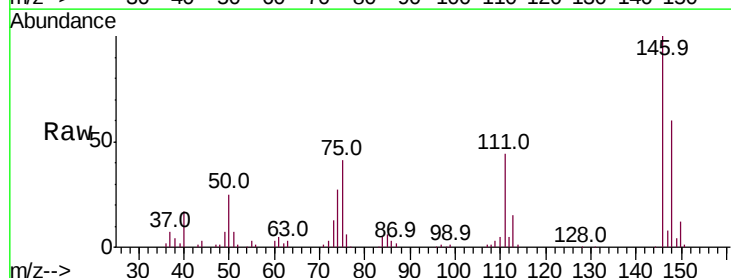
mohammad
6/21/2019 9:57:31 PM

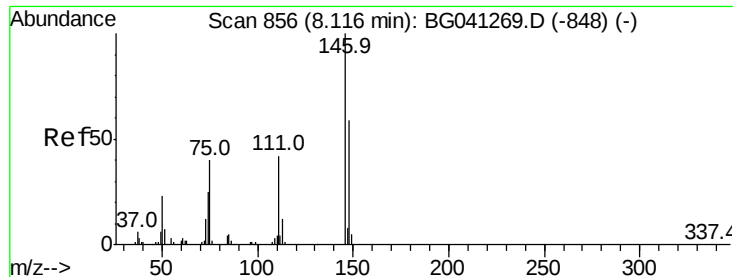


#12

1,3-Dichlorobenzene
Concen: 38.126 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.5	46.5	69.7
75	41.0	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 38.223 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

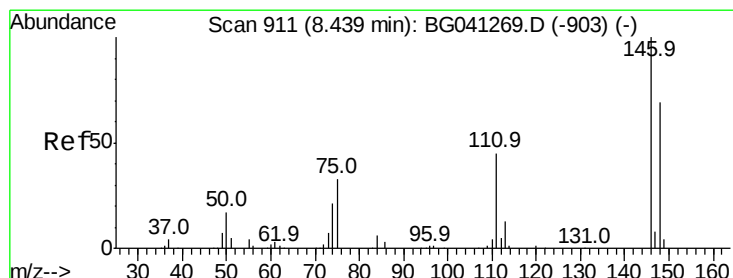
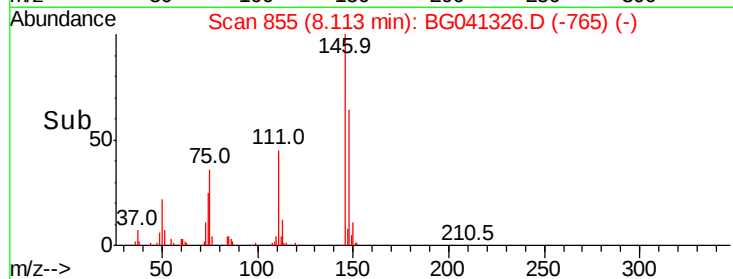
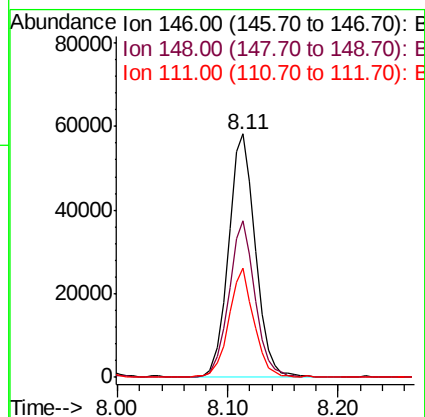
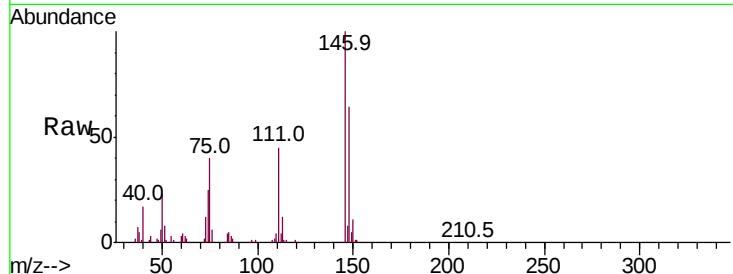
ClientSampleId :

PB120729BSD

Tot Ion:	146	Resp:	98822
Ion Ratio	Lower	Upper	
146	100		
148	64.3	47.3	70.9
111	44.7	33.4	50.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.796 ng

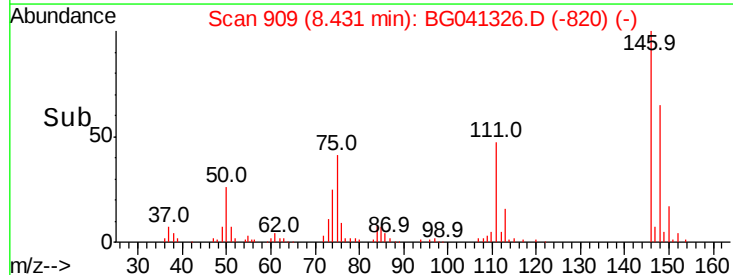
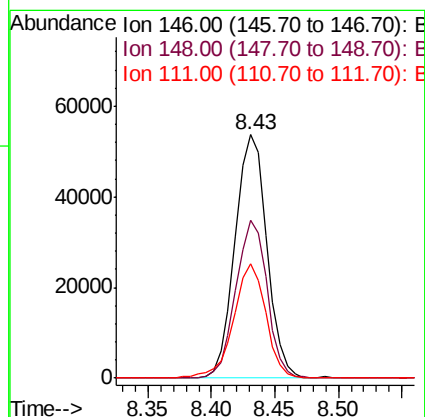
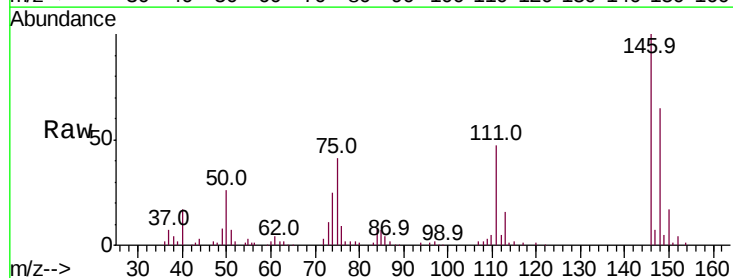
RT: 8.43 min Scan# 909

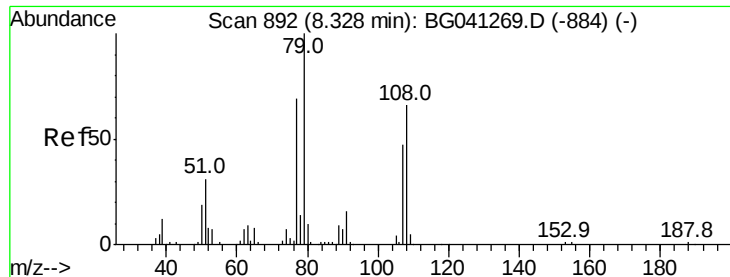
Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:	146	Resp:	93336
Ion Ratio	Lower	Upper	
146	100		
148	64.9	54.9	82.3
111	46.9	37.0	55.6





#15

Benzyl Alcohol

Concen: 39.439 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

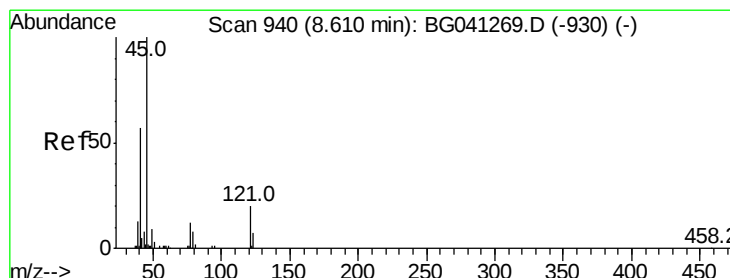
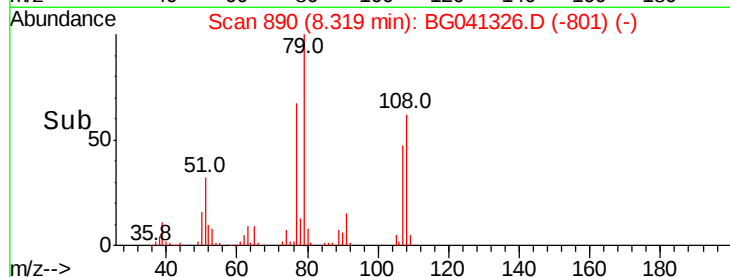
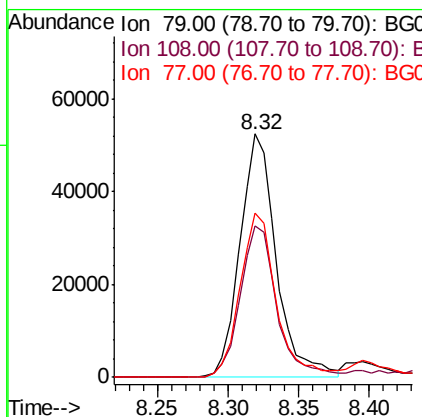
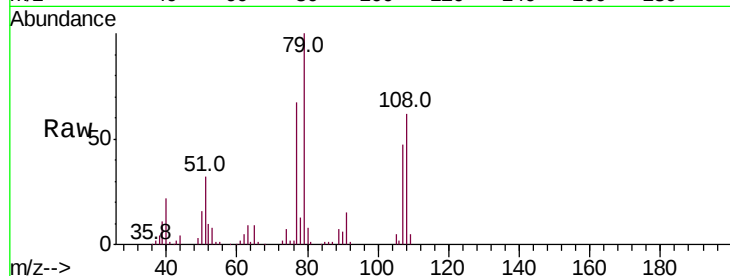
ClientSampleId :

PB120729BSD

Tot Ion:	79	Resp:	94228
Ion Ratio	Lower	Upper	
79	100		
108	62.4	52.7	79.1
77	67.2	55.2	82.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.213 ng

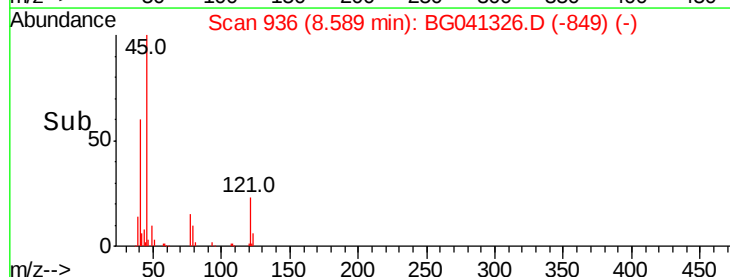
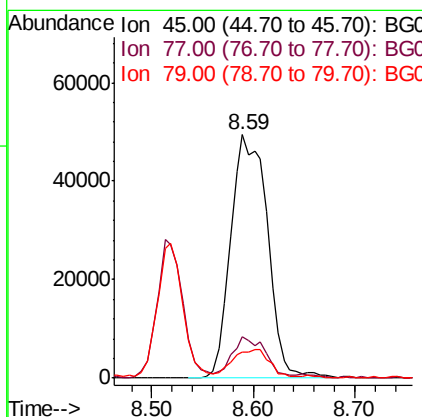
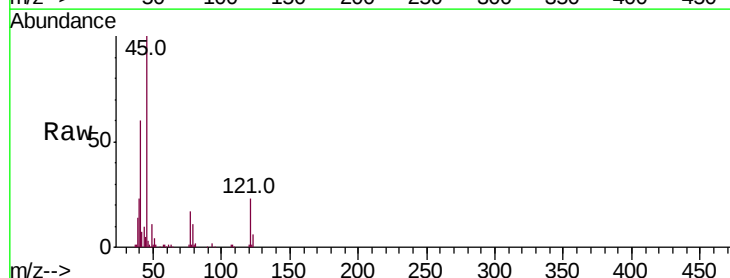
RT: 8.59 min Scan# 936

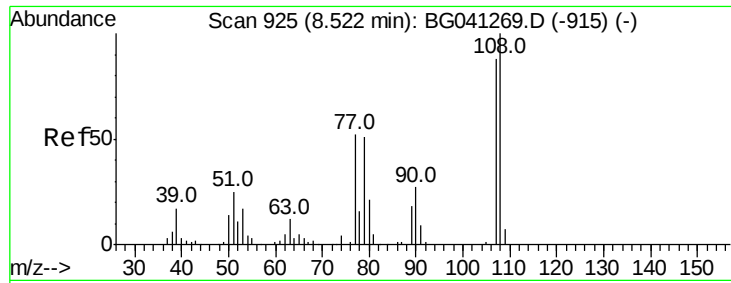
Delta R.T. -0.02 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:	45	Resp:	123946
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	35.2
79	10.8	0.0	31.6





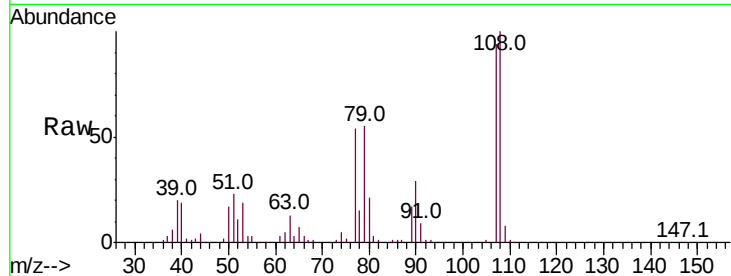
#17
2-Methylphenol
Concen: 41.967 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion:	107	Resp:	80456
Ion	Ratio	Lower	Upper
107	100		
108	106.9	91.7	137.5
77	58.1	47.8	71.8
79	58.7	46.8	70.2

Manual Integrations
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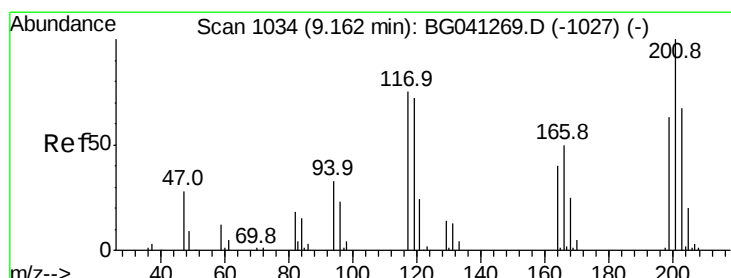
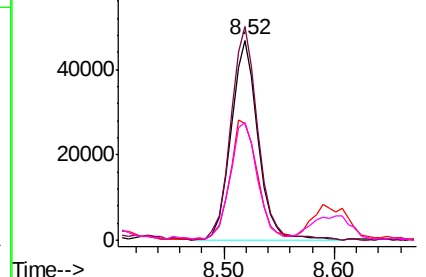
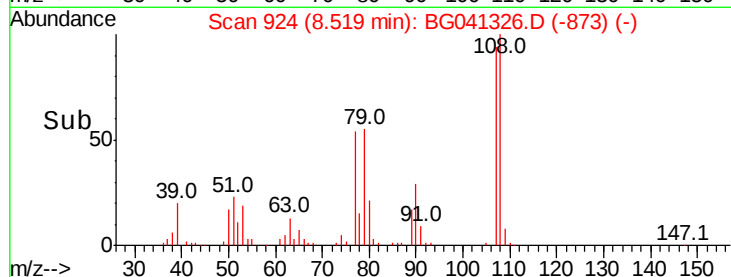
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

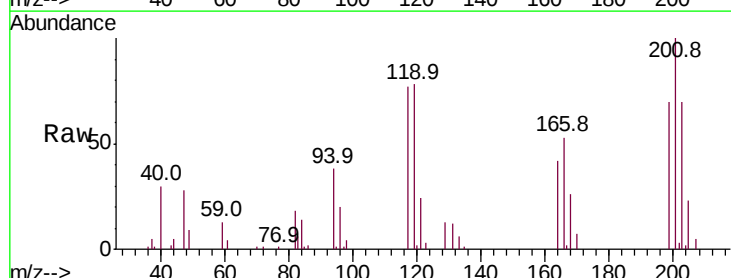
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.535 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:	117	Resp:	37431
Ion	Ratio	Lower	Upper
117	100		
119	100.8	76.8	115.2
201	133.4	106.3	159.5

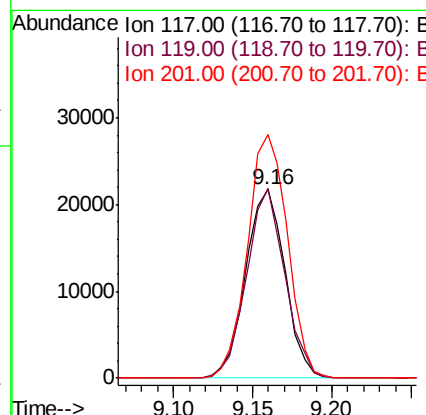
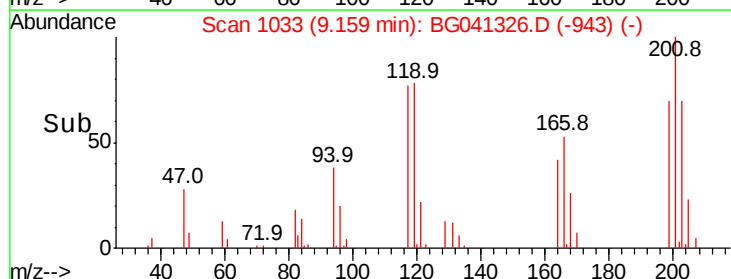


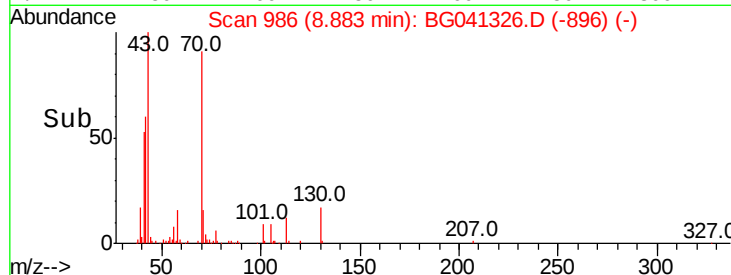
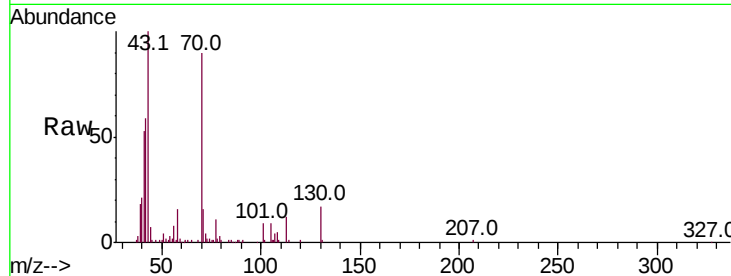
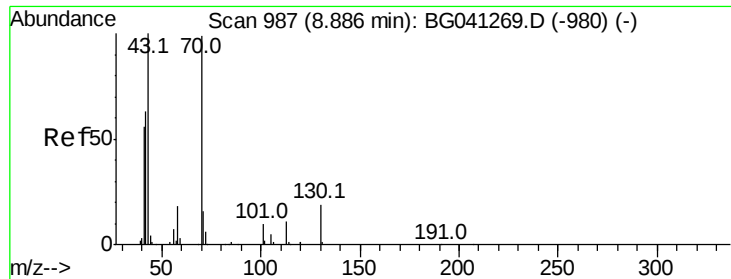
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





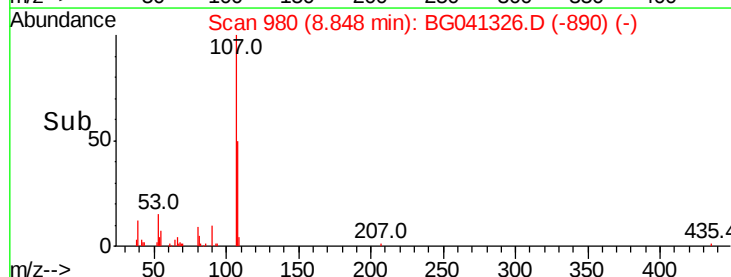
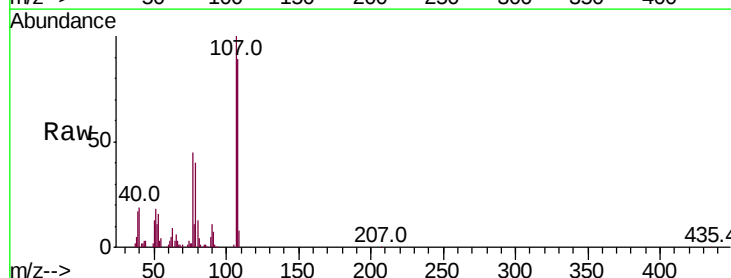
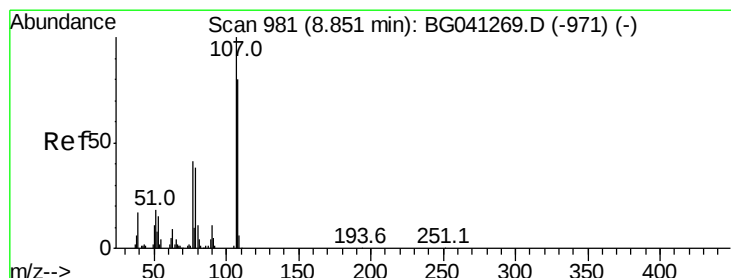
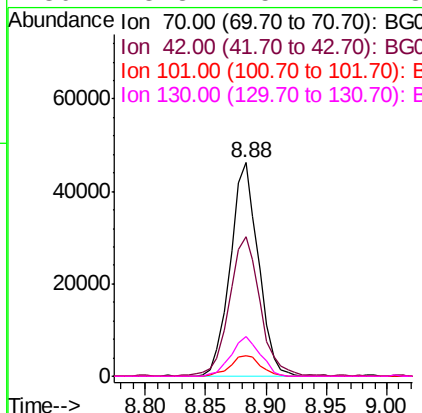
#19
n-Nitroso-di-n-propylamine
Concen: 37.050 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.4	51.4	77.2
101	9.7	8.2	12.2
130	18.3	15.2	22.8

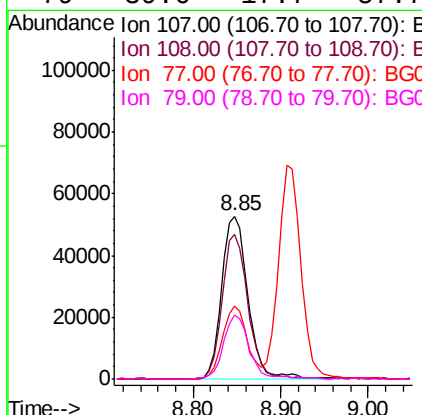
Manual Integrations
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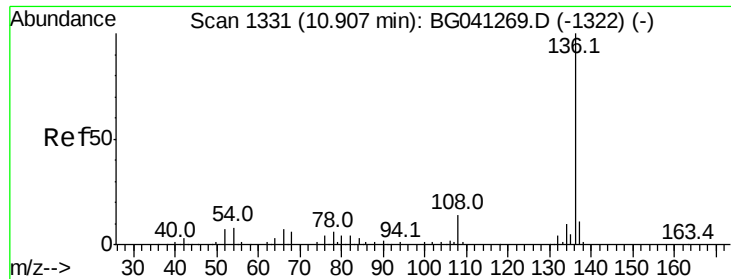
mohammad
6/21/2019 9:57:31 PM



#20
3+4-Methylphenols
Concen: 42.830 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	60.4	100.4
77	45.1	21.2	61.2
79	39.6	17.7	57.7





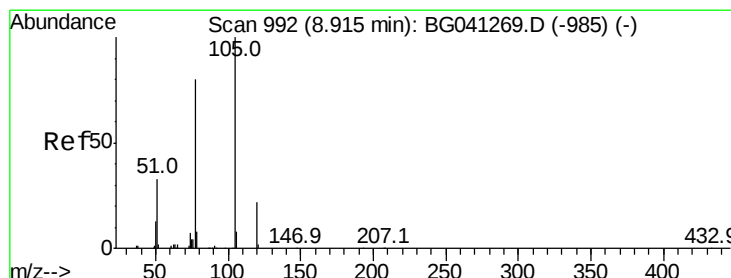
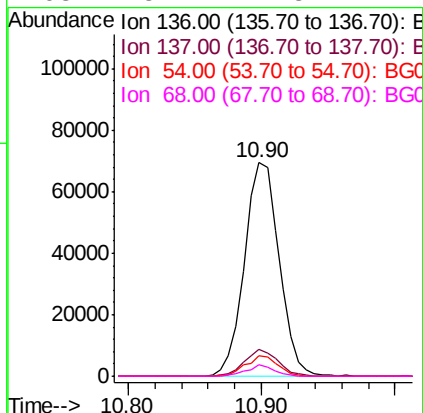
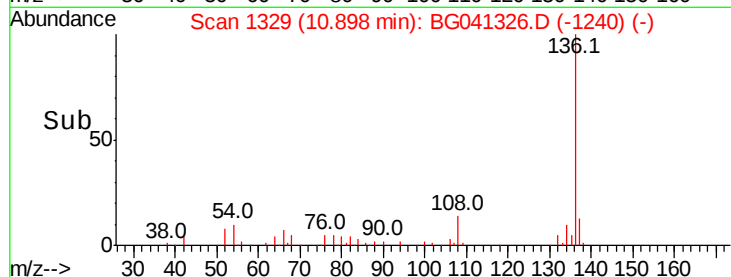
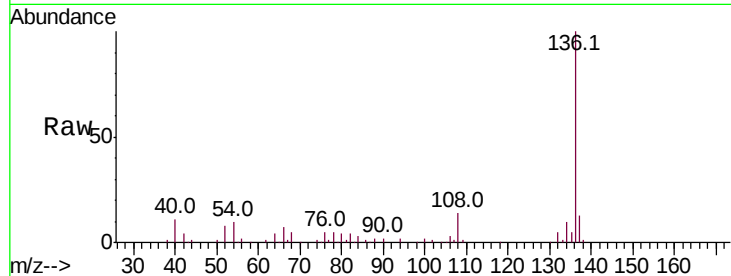
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	124098		
137	12.6		8.8	13.2
54	9.5		6.4	9.6
68	5.2		4.8	7.2

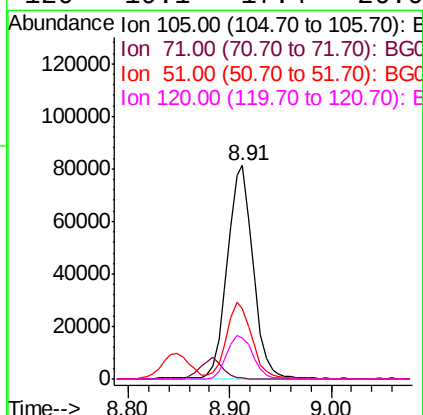
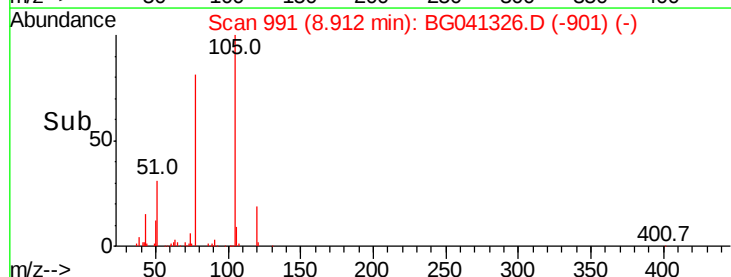
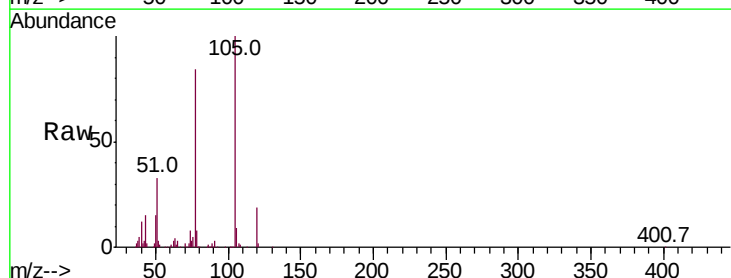
Manual Integrations
APPROVED

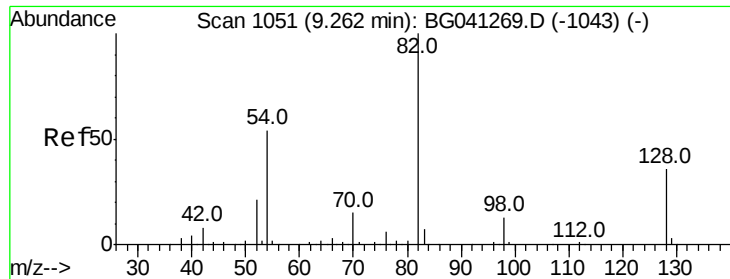
mohammad
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#22
Acetophenone
Concen: 39.649 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	143182		
71	0.3		0.4	0.6#
51	32.7		28.2	42.4
120	19.1		17.4	26.0





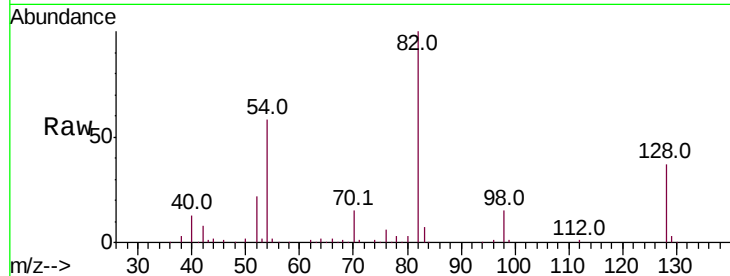
#23
Nitrobenzene-d5
Concen: 71.248 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

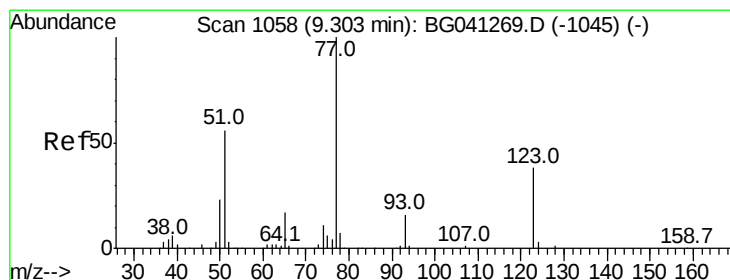
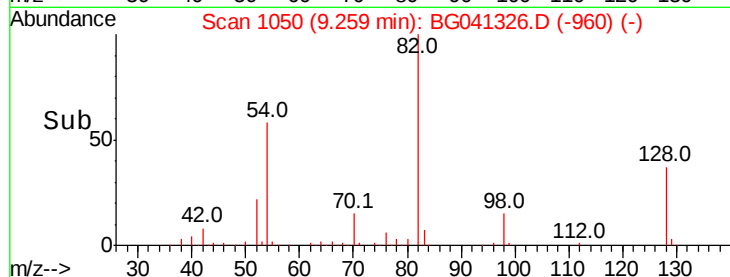
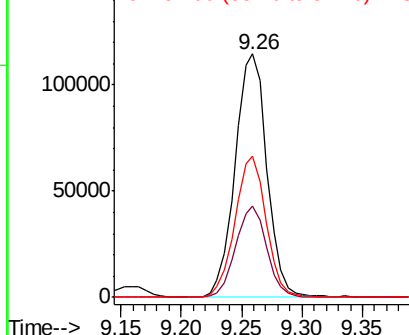
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.2	43.8
54	57.9	43.4	65.0

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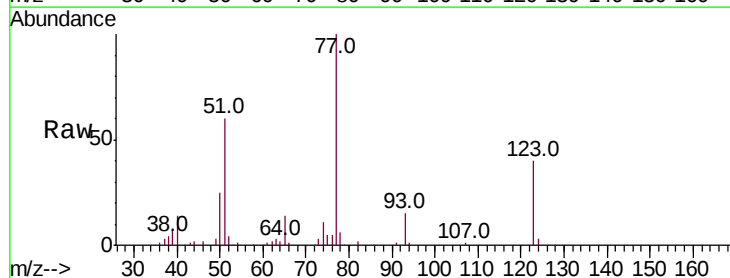


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

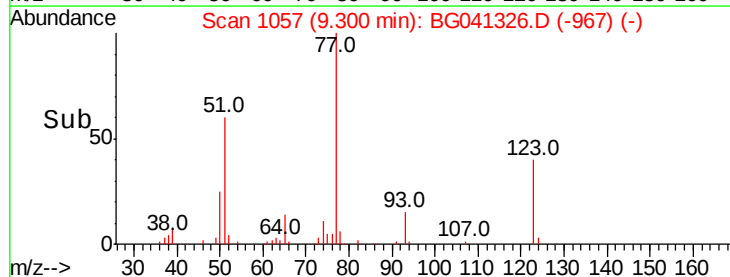
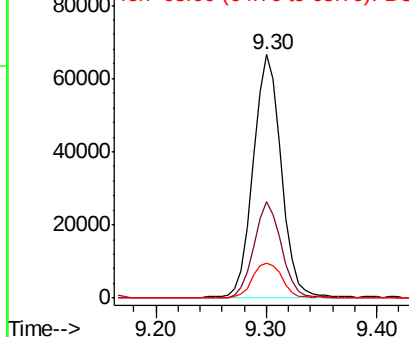


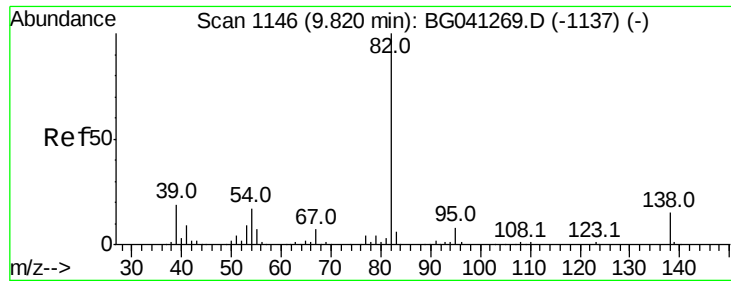
#24
Nitrobenzene
Concen: 40.206 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	30.4	45.6
65	14.3	13.3	19.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





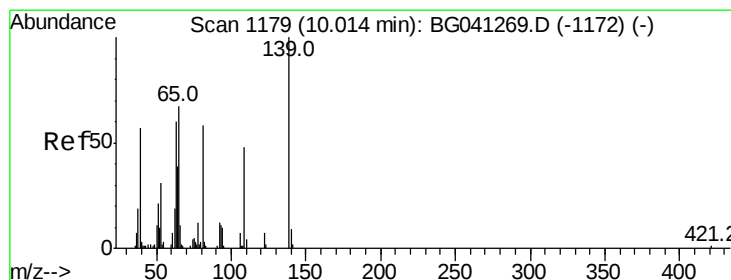
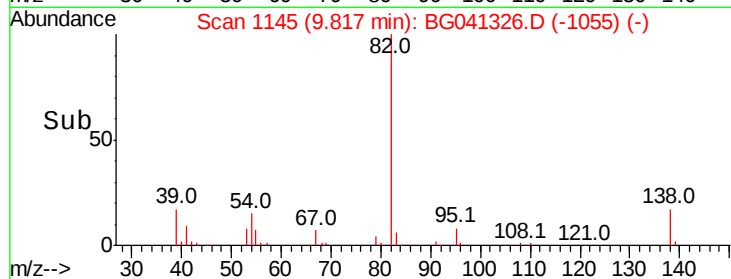
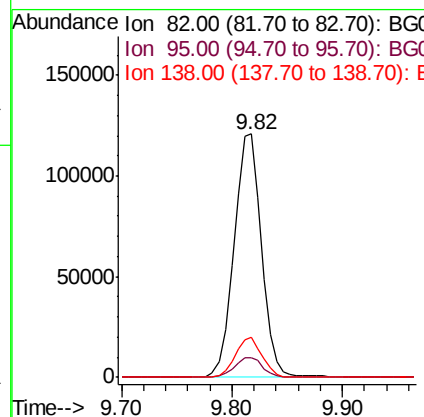
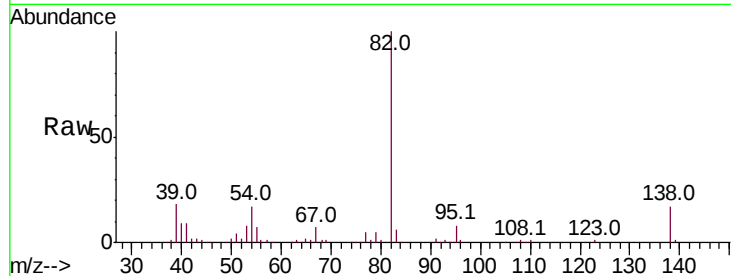
#25
Isophorone
Concen: 38.861 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	210375		
95	8.1		6.6	10.0
138	16.6		12.3	18.5

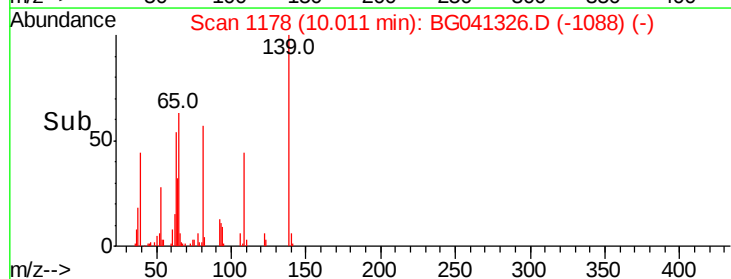
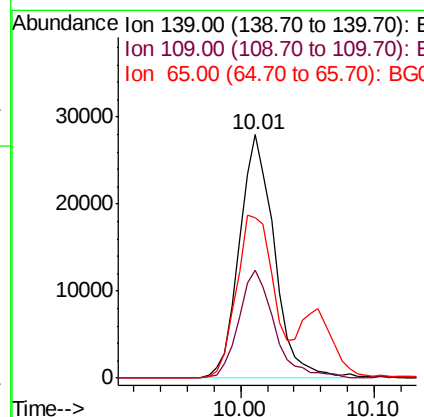
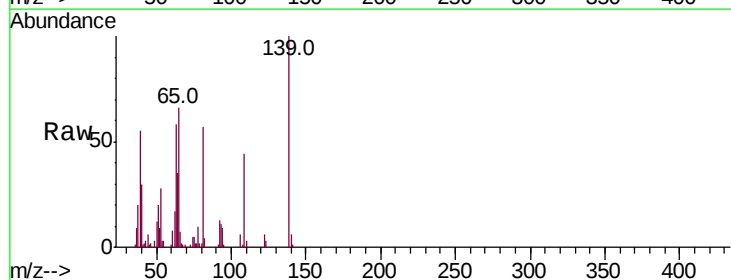
Manual Integrations
APPROVED

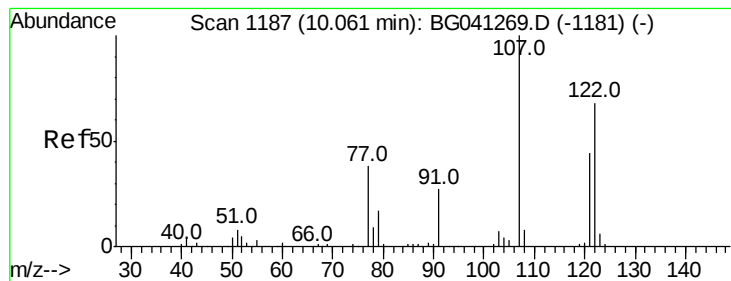
mohammad
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#26
2-Nitrophenol
Concen: 42.146 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	50708		
109	44.4		38.4	57.6
65	65.8		53.6	80.4





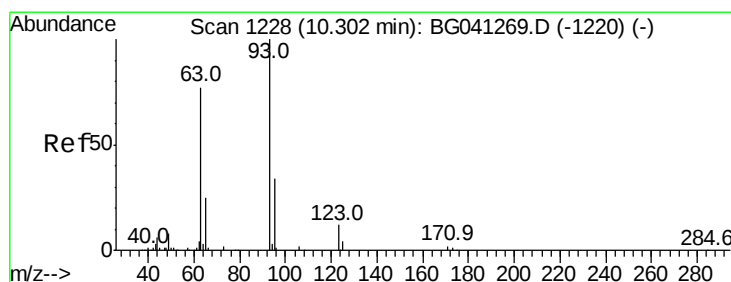
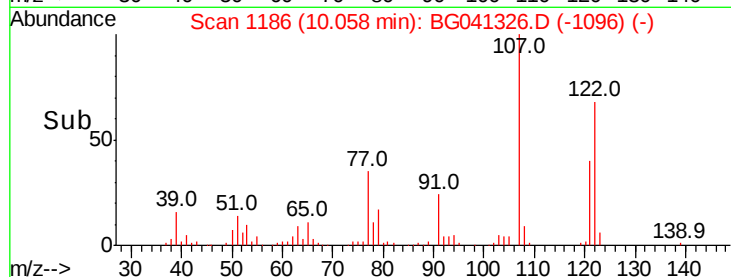
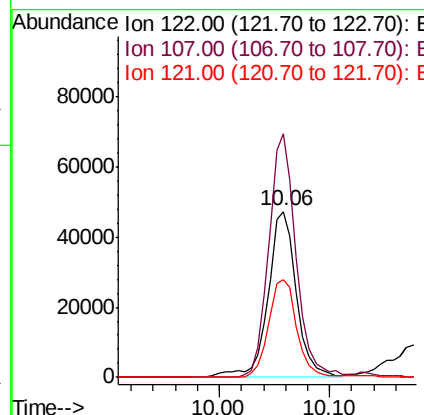
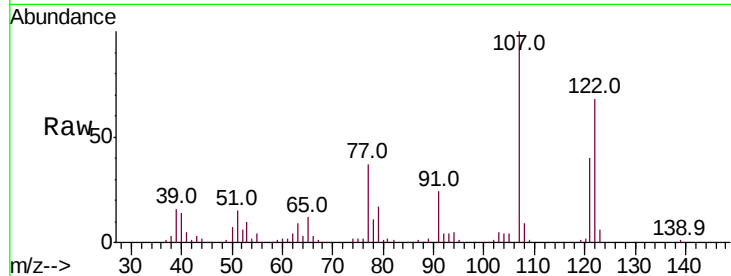
#27
2,4-Dimethylphenol
Concen: 47.373 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.6	115.1	172.7
121	58.5	50.1	75.1

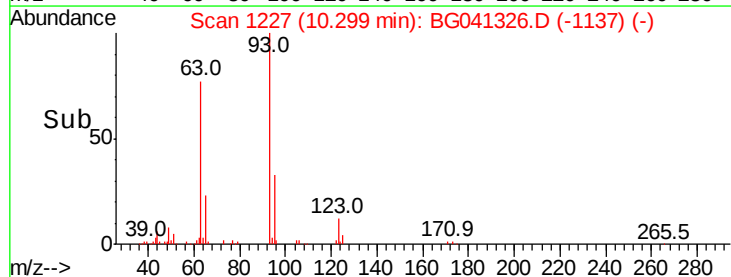
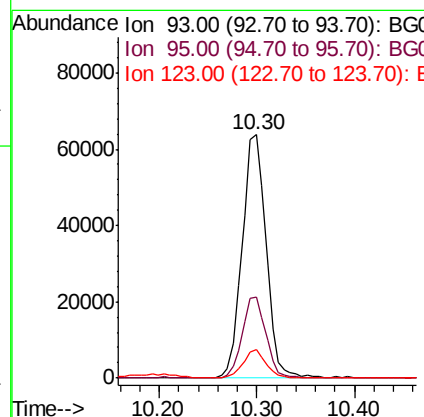
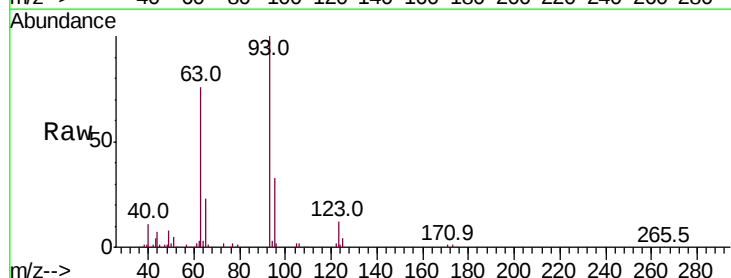
Manual Integrations
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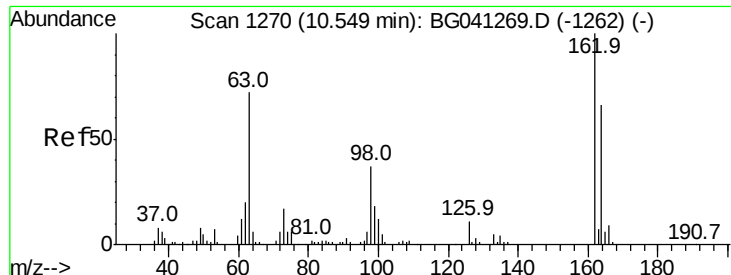
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.843 ng
RT: 10.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.3	40.9
123	11.6	9.6	14.4





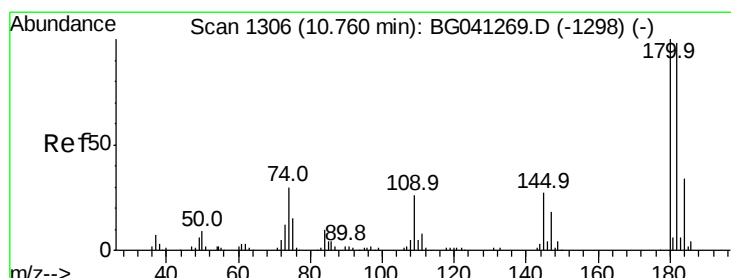
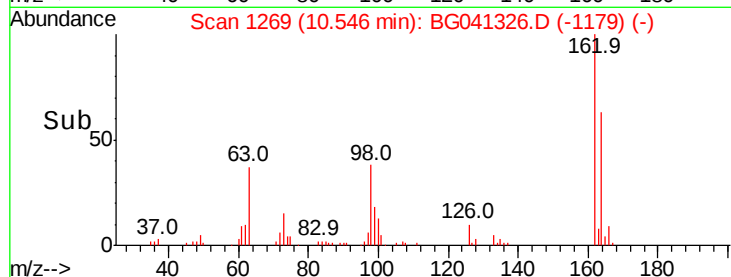
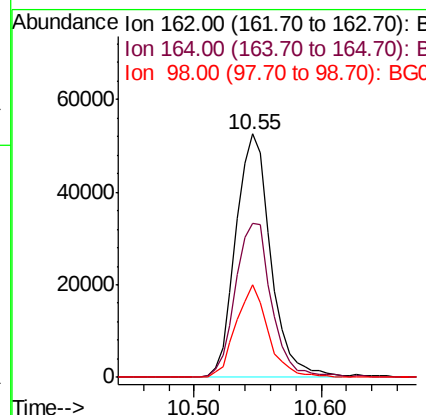
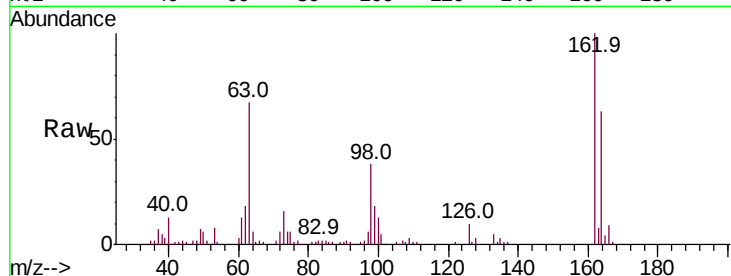
#29
2,4-Dichlorophenol
Concen: 44.817 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	100218		
164	63.3		46.0	86.0
98	37.8		17.4	57.4

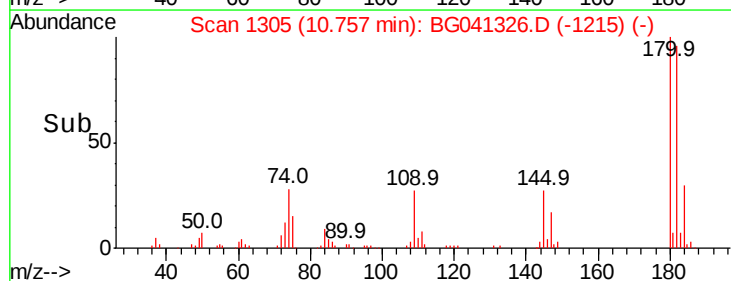
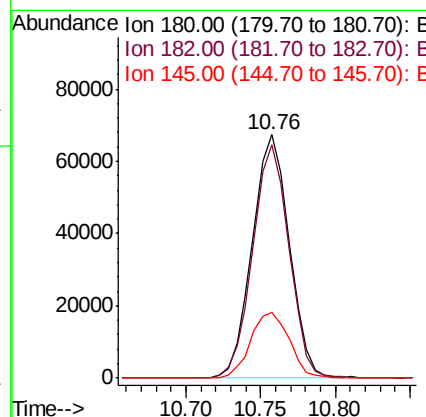
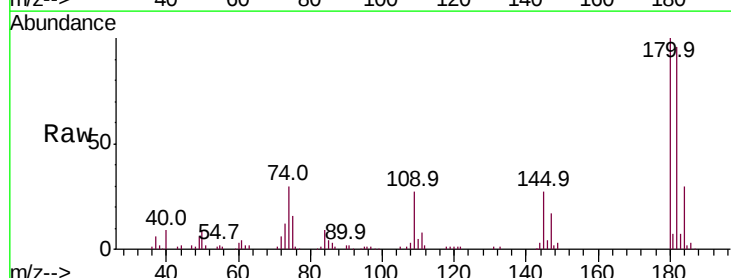
Manual Integrations
APPROVED

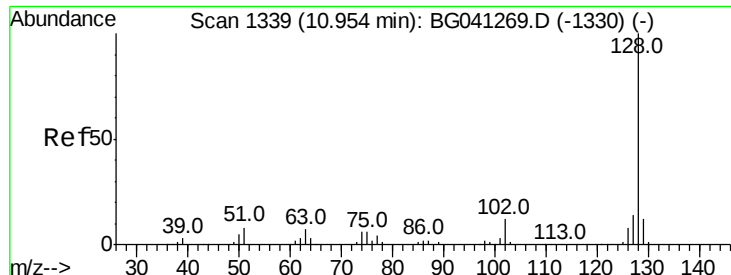
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.337 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115521		
182	95.7		78.6	117.8
145	27.1		21.7	32.5





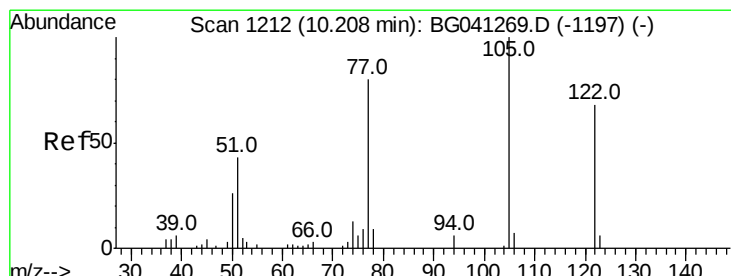
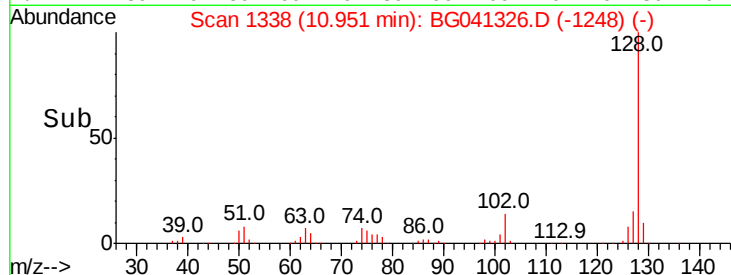
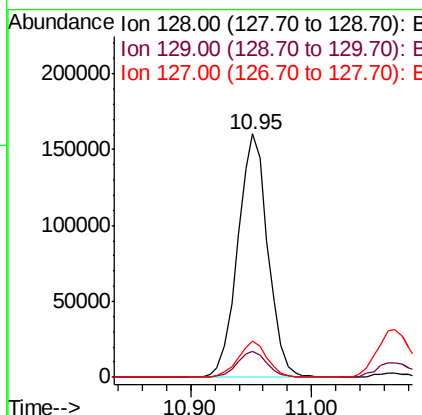
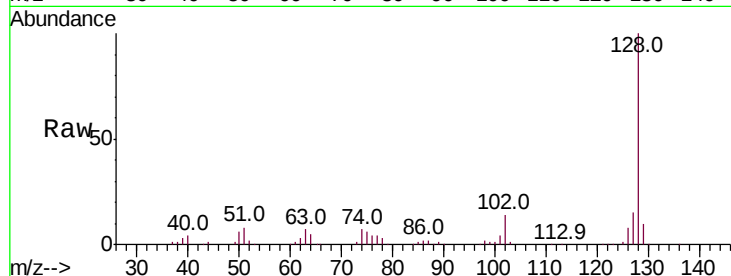
#31
Naphthalene
Concen: 41.185 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	14.6	11.2	16.8

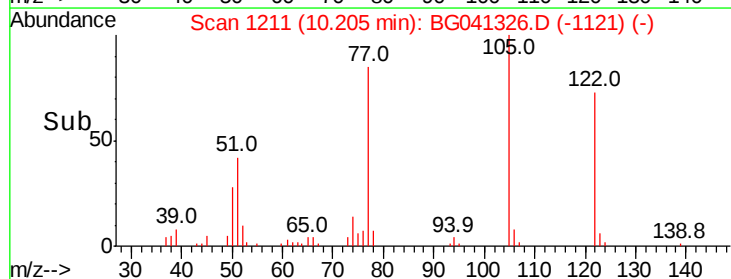
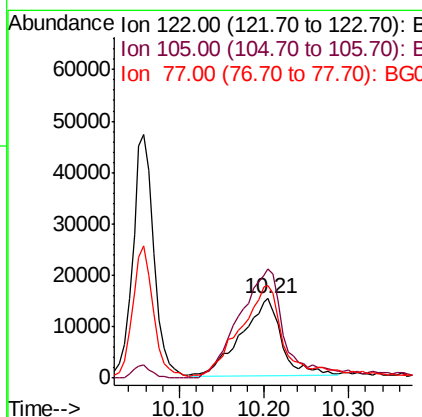
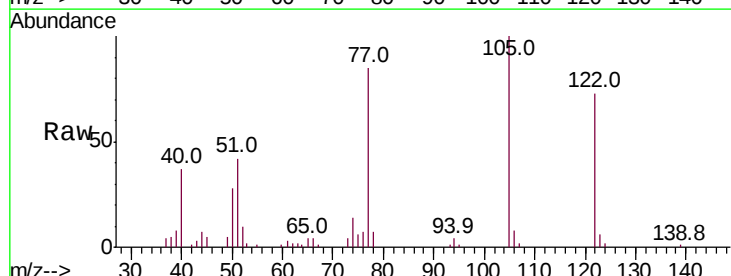
Manual Integrations
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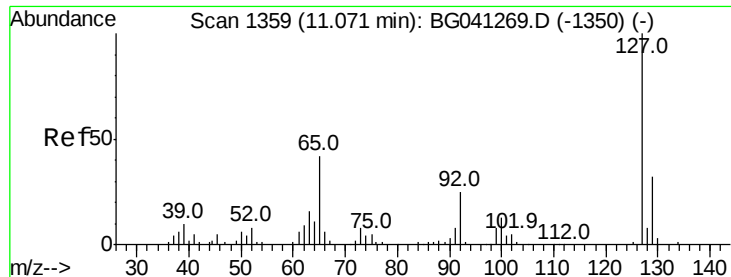
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#32
Benzoic acid
Concen: 42.413 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.8	124.2	164.2
77	115.8	97.2	137.2





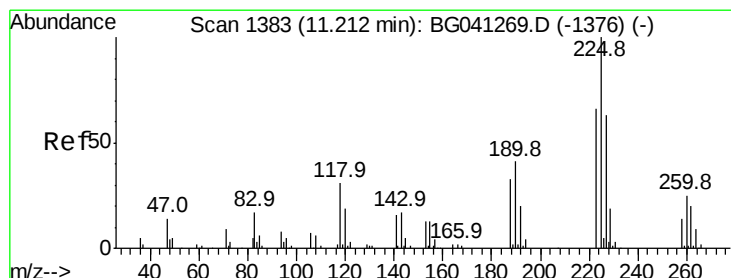
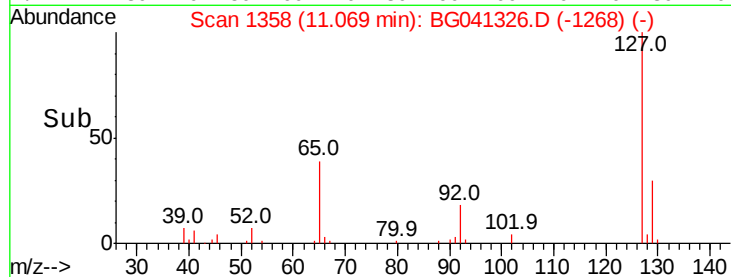
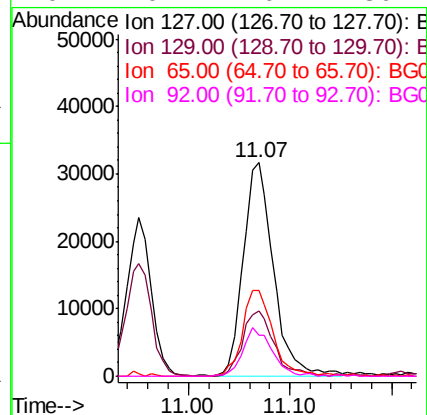
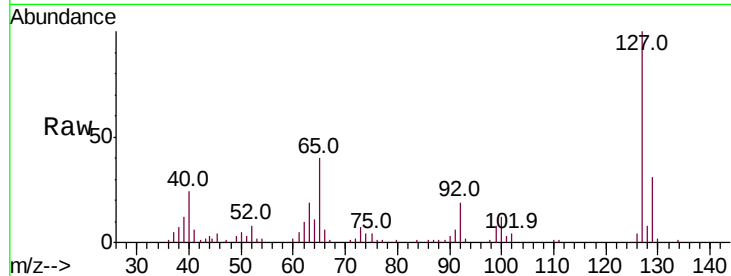
#33
4-Chloroaniline
Concen: 22.928 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.8
65	40.1	33.8	50.8
92	19.4	20.2	30.4

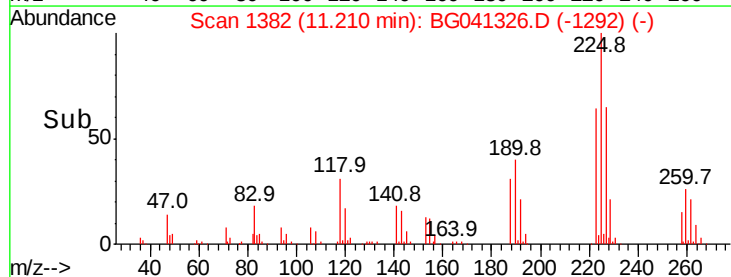
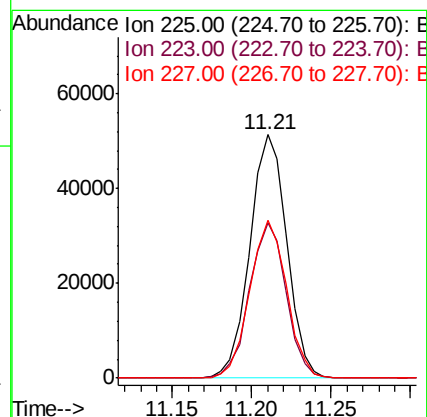
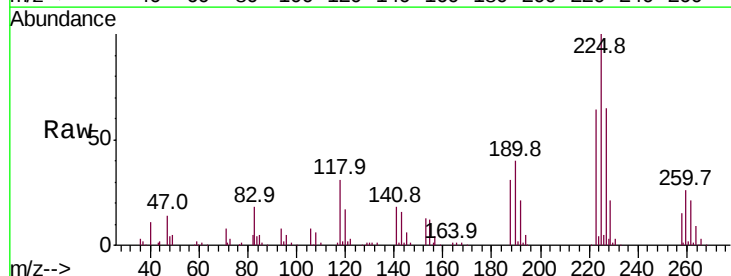
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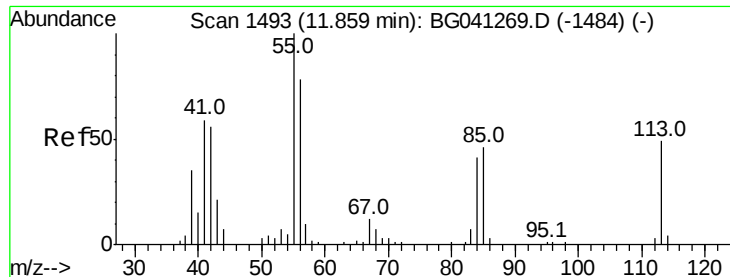
mohammad
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#34
Hexachlorobutadiene
Concen: 36.608 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.5	78.7
227	64.8	50.2	75.2





#35

Caprolactam

Concen: 40.839 ng/mL

RT: 11.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120729BSD

Tot Ion:113 Resp: 31439

Ion Ratio Lower Upper

113 100

55 175.8 182.6 222.6#

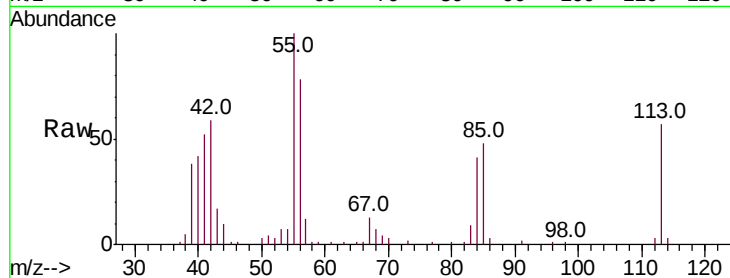
56 136.9 137.5 177.5#

Manual Integrations

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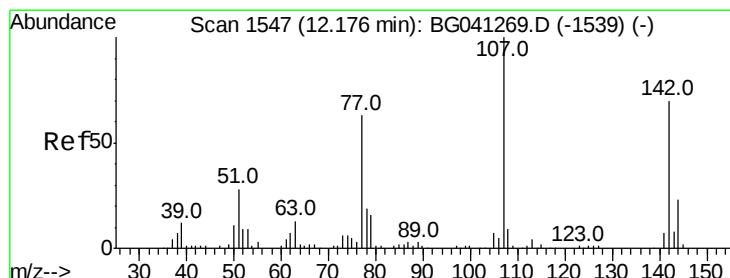
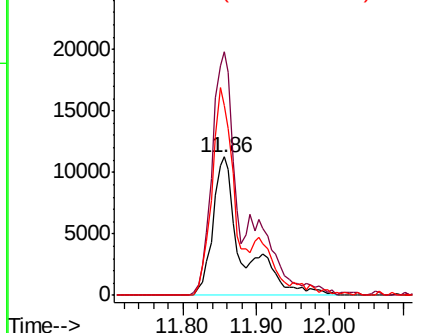
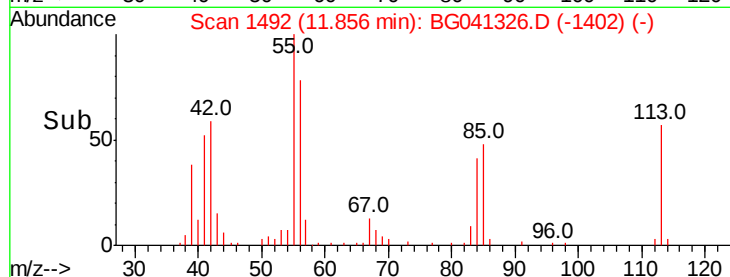
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.121 ng/mL

RT: 12.18 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

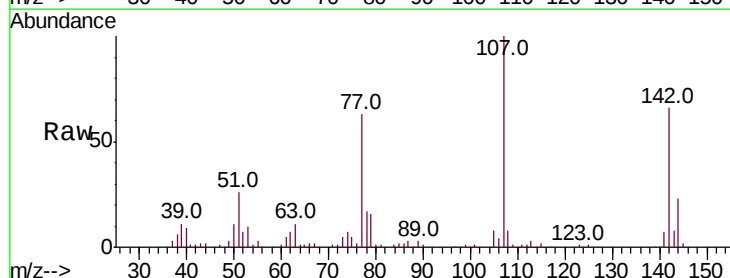
Tgt Ion:107 Resp: 111380

Ion Ratio Lower Upper

107 100

144 23.1 18.5 27.7

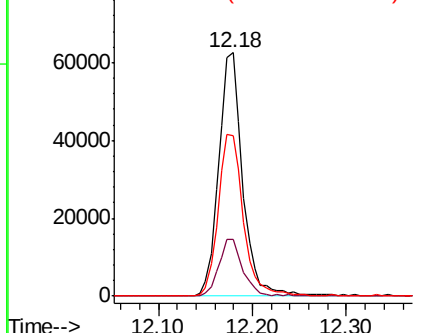
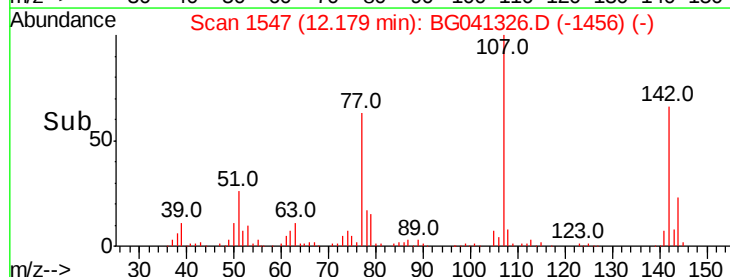
142 65.6 56.3 84.5

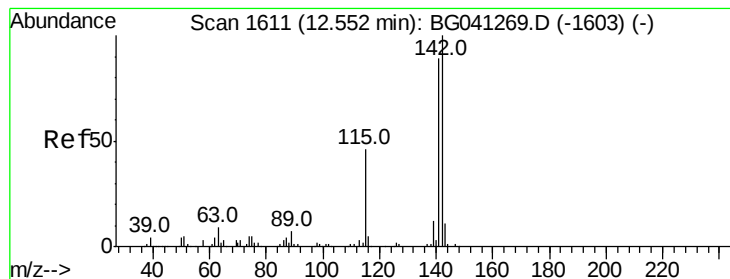


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





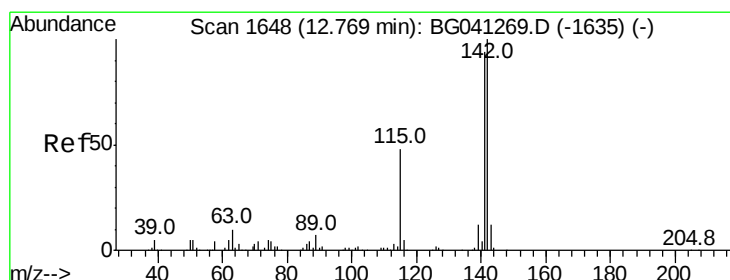
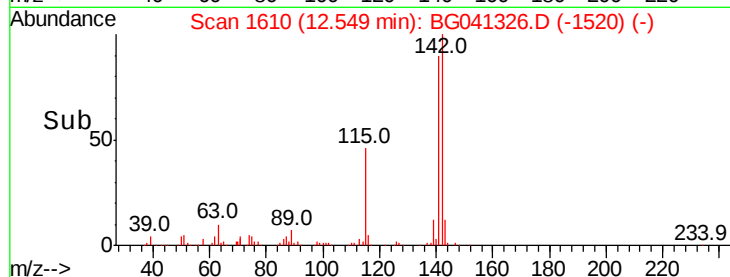
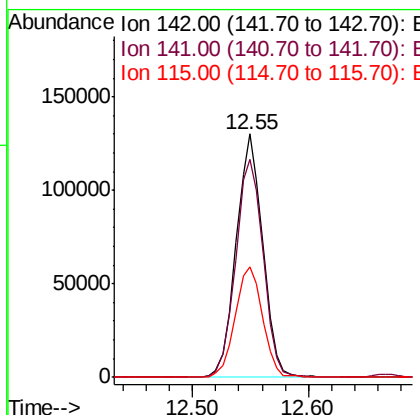
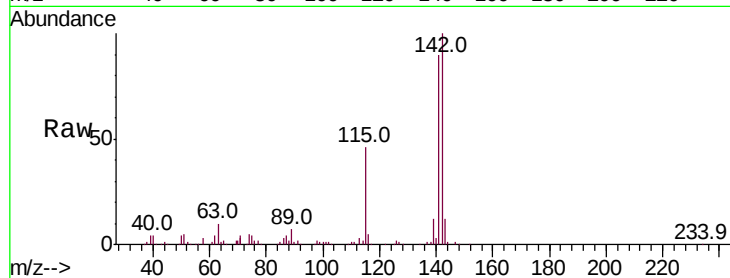
#37
2-Methylnaphthalene
Concen: 41.554 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	206421		
141	89.6	71.5	107.3	
115	45.6	37.0	55.6	

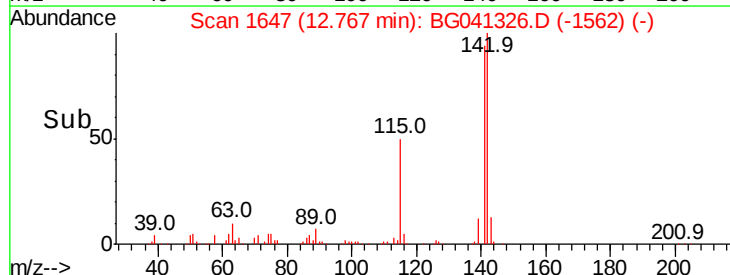
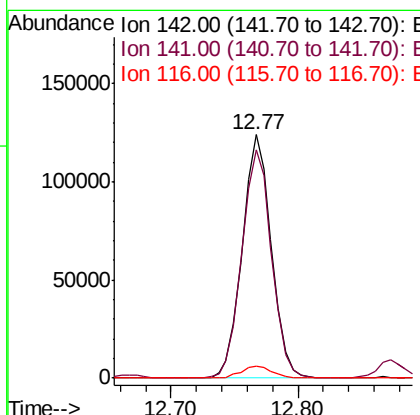
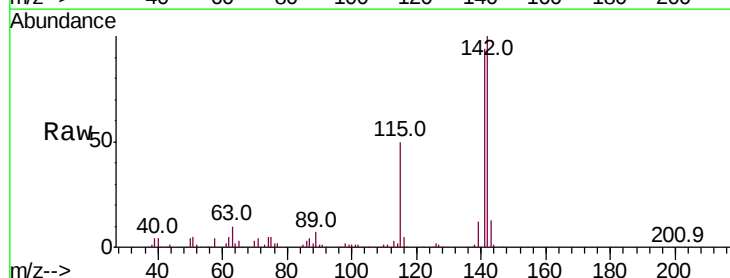
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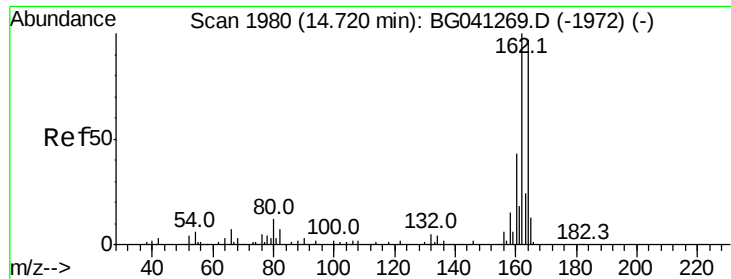
mohammad
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#38
1-Methylnaphthalene
Concen: 41.325 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	196407		
141	93.8	75.0	112.6	
116	5.1	4.2	6.2	





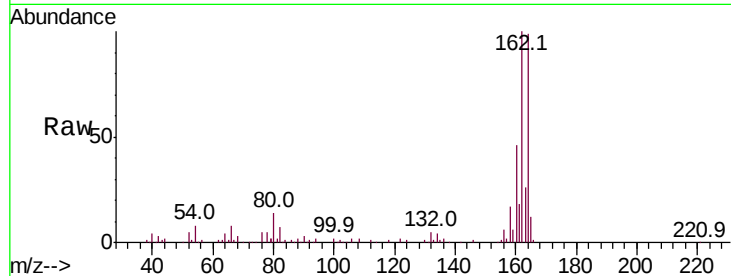
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	46.2	35.8	53.8

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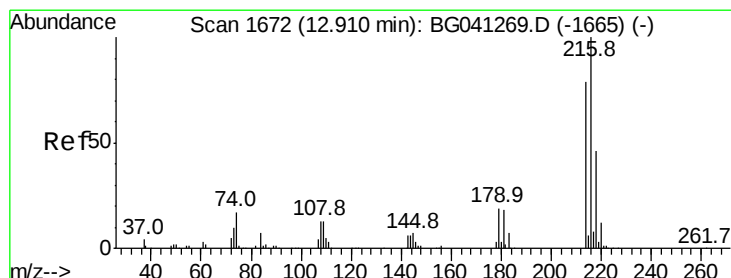
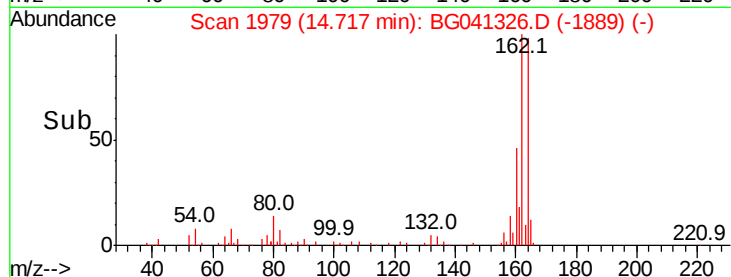
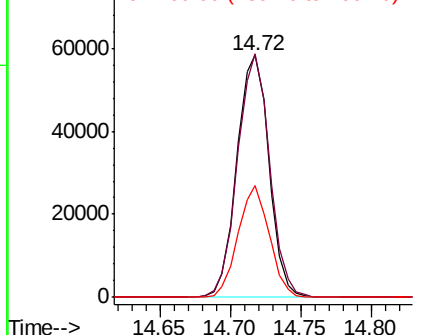


Abundance

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
1,2,4,5-Tetrachlorobenzene
Concen: 40.150 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.8	94.2
179	19.6	15.2	22.8
108	16.2	12.4	18.6

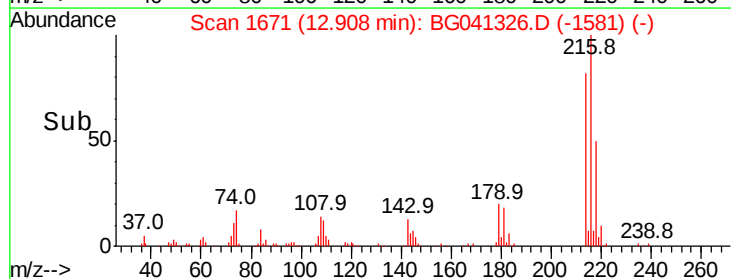
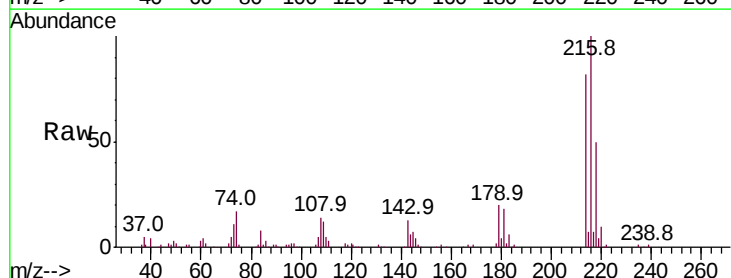
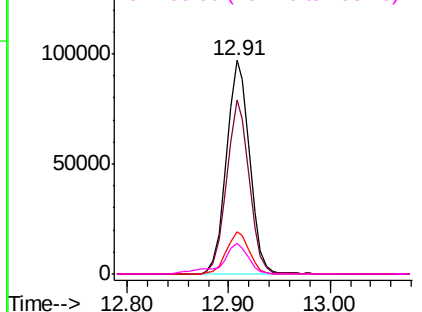
Abundance

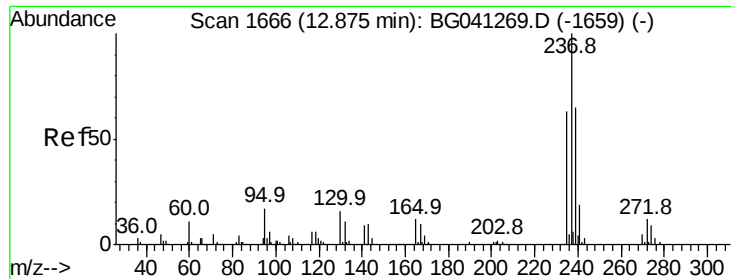
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.527 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

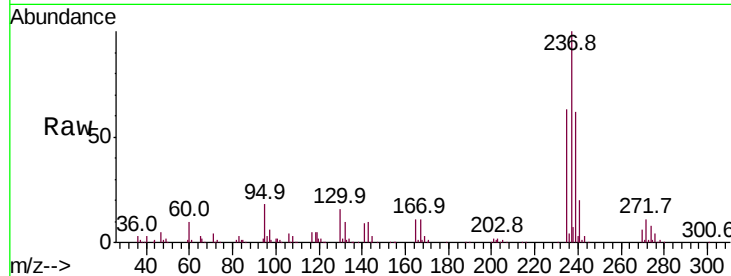
ClientSampleId :

PB120729BSD

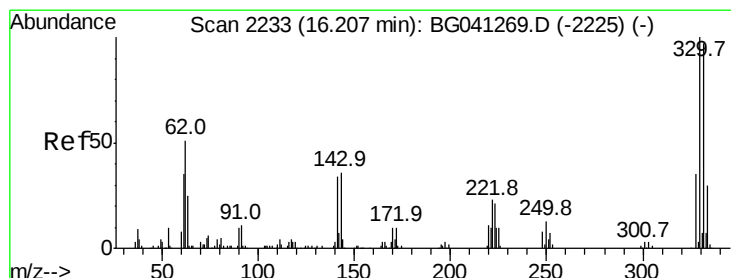
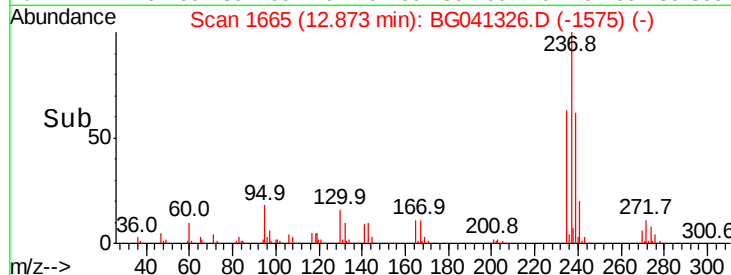
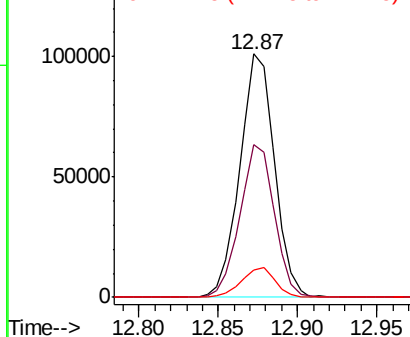
Tot Ion:	237	Resp:	152875
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.9	82.9
272	11.4	0.0	32.0

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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



#42

2,4,6-Tribromophenol

Concen: 80.099 ng

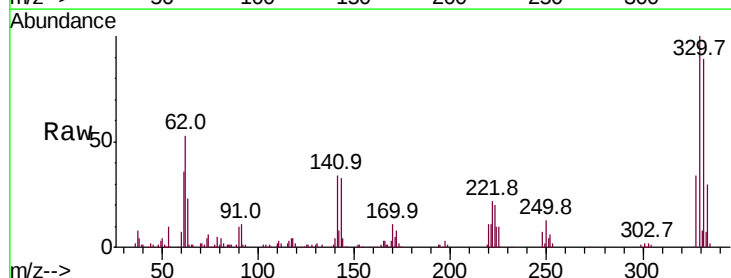
RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

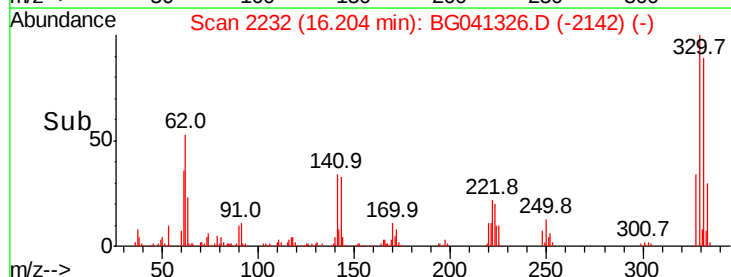
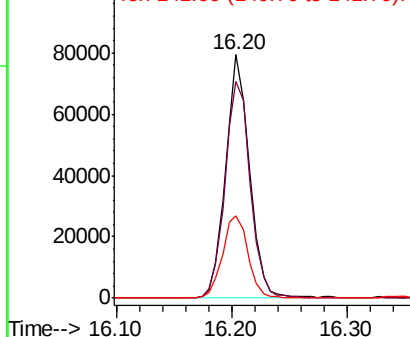
Lab File: BG041326.D

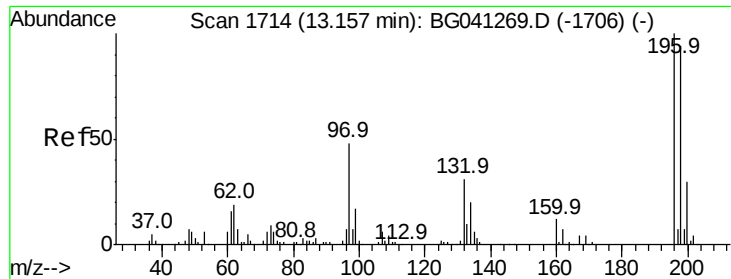
Acq: 19 Jun 2019 13:48

Tgt Ion:	330	Resp:	113540
Ion Ratio	Lower	Upper	
330	100		
332	94.2	75.5	113.3
141	36.1	29.0	43.4



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





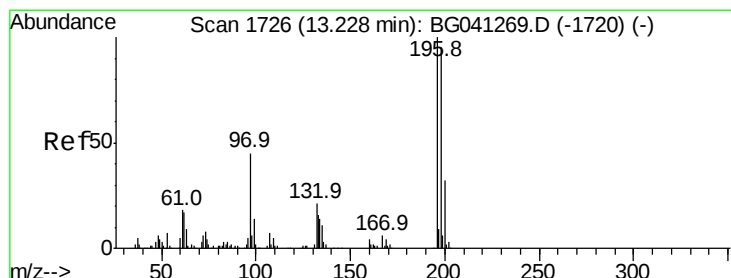
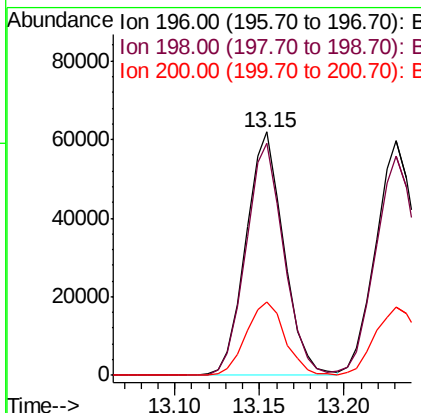
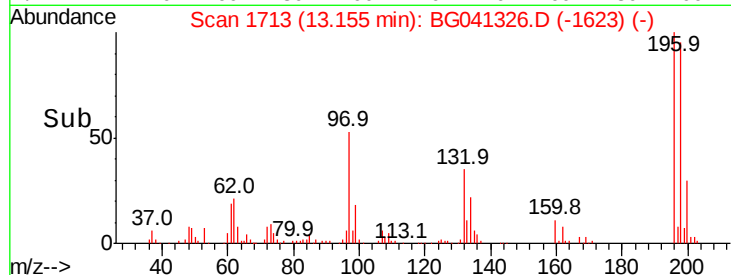
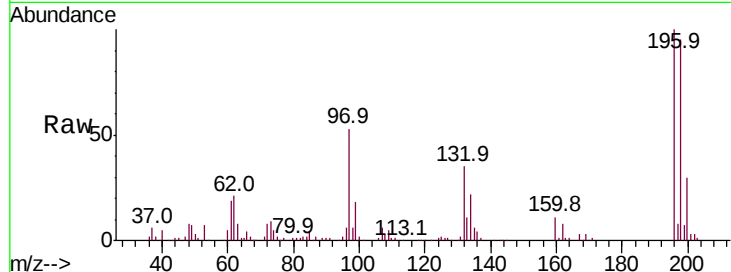
#43
 2,4,6-Trichlorophenol
 Concen: 40.752 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120729BSD

Tot Ion:	196	Resp:	96117
Ion Ratio	Lower	Upper	
196	100		
198	95.2	74.9	112.3
200	30.2	24.2	36.2

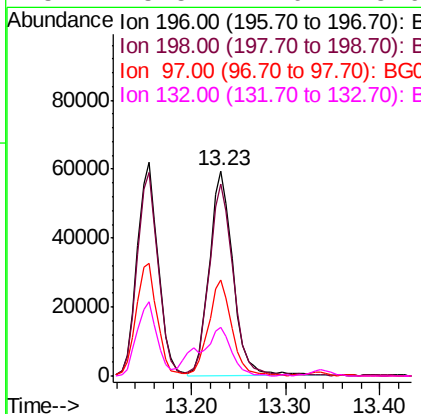
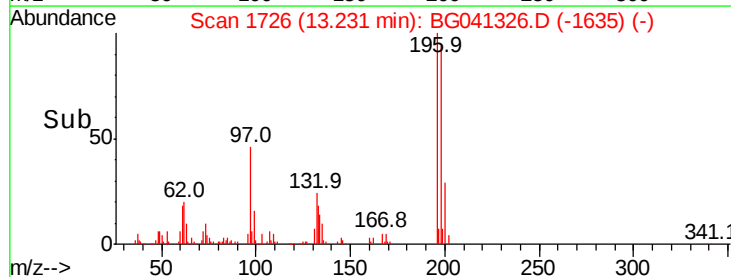
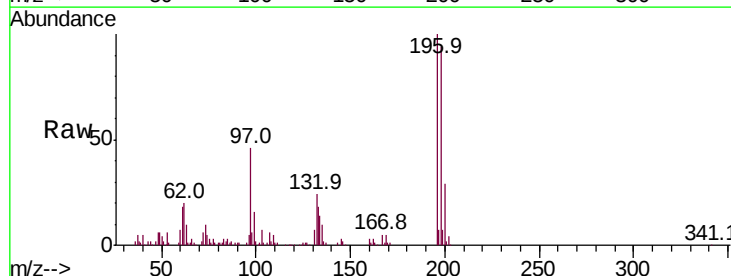
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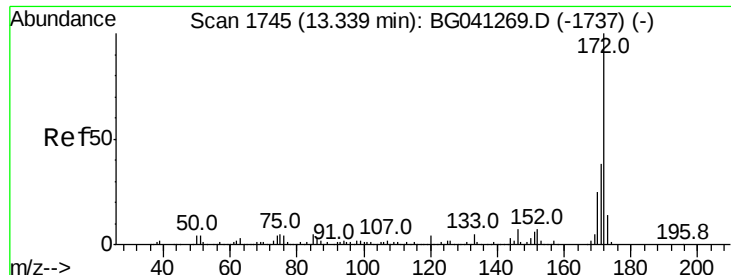
mohammad
 6/21/2019 9:57:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.208 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion:	196	Resp:	104857
Ion Ratio	Lower	Upper	
196	100		
198	93.7	76.1	114.1
97	46.5	35.9	53.9
132	23.5	17.0	25.6





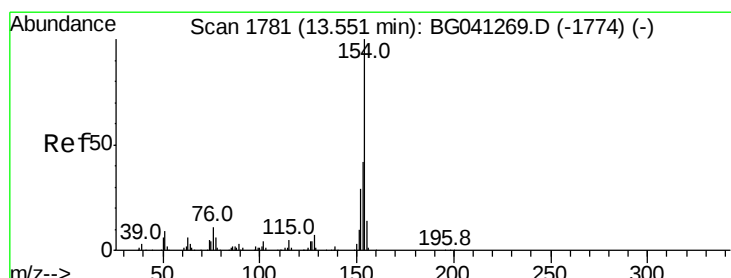
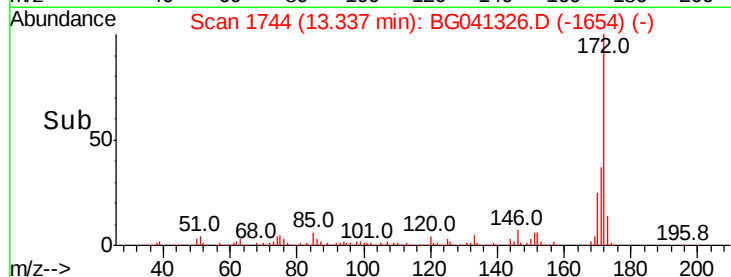
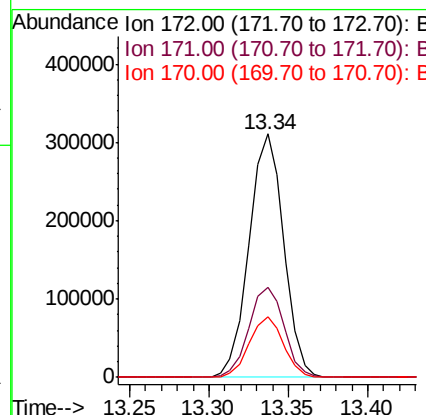
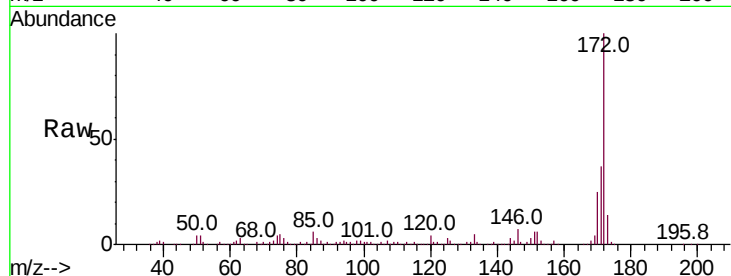
#45
 2-Fluorobiphenyl
 Concen: 69.391 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	471394		
171	37.0		30.0	45.0
170	25.0		19.8	29.6

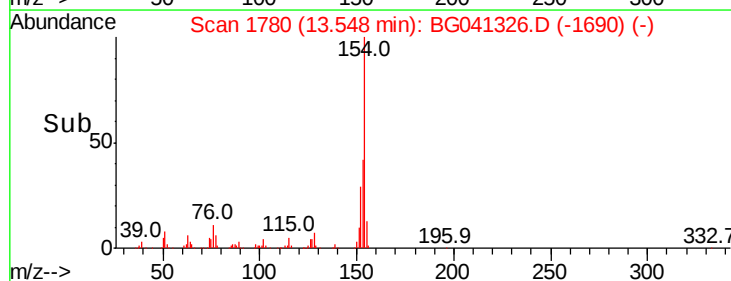
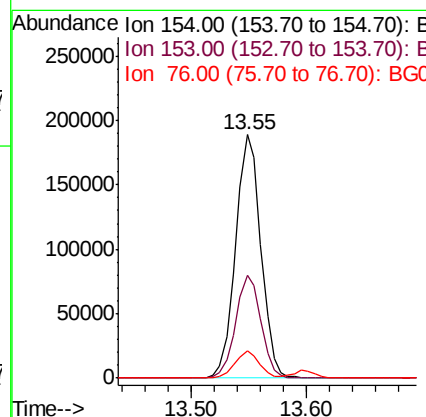
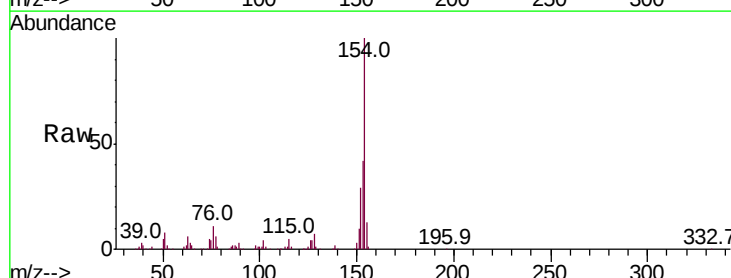
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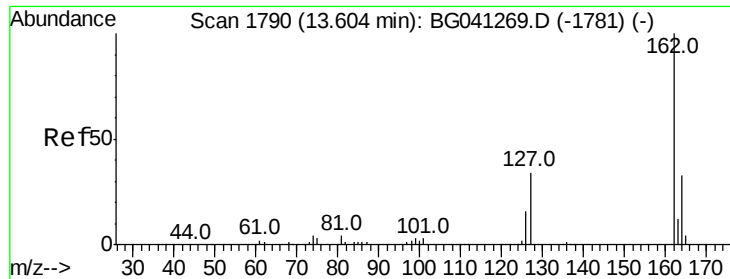
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#46
 1,1'-Biphenyl
 Concen: 40.849 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	285136		
153	42.4		22.3	62.3
76	11.1		0.0	30.8





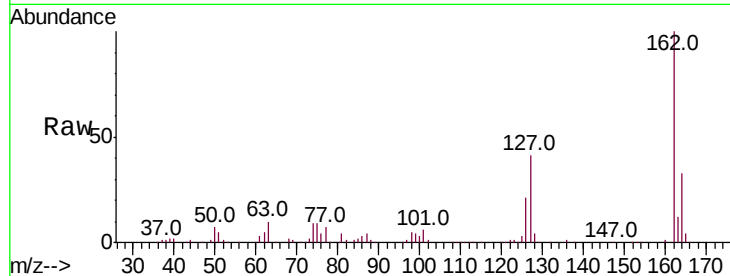
#47
 2-Chloronaphthalene
 Concen: 39.334 ng
 RT: 13.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120729BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.3	31.0	46.4
164	33.5	26.1	39.1

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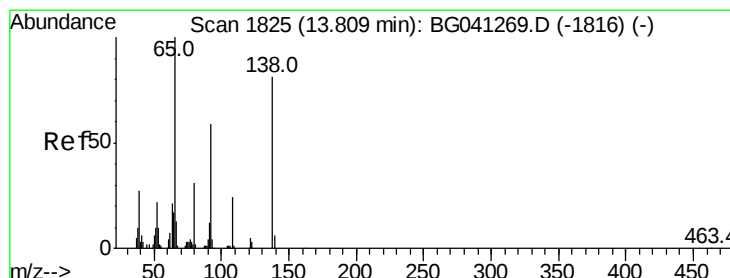
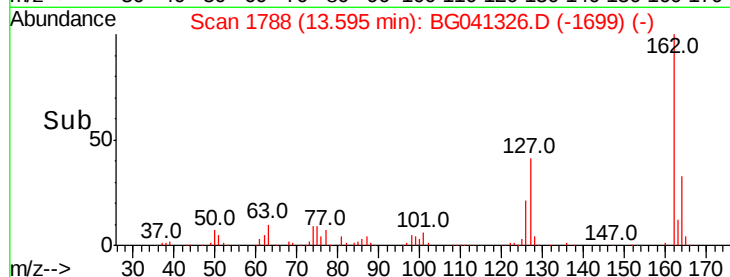
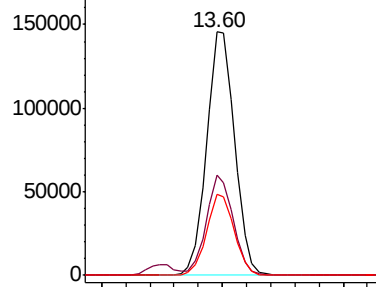


Abundance

Ion 162.00 (161.70 to 162.70): E

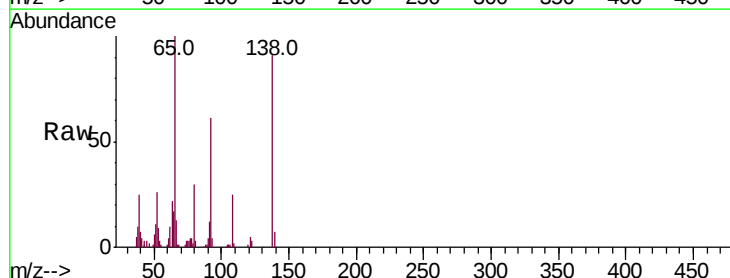
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.018 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	61.3	47.4	71.2
138	90.8	64.7	97.1

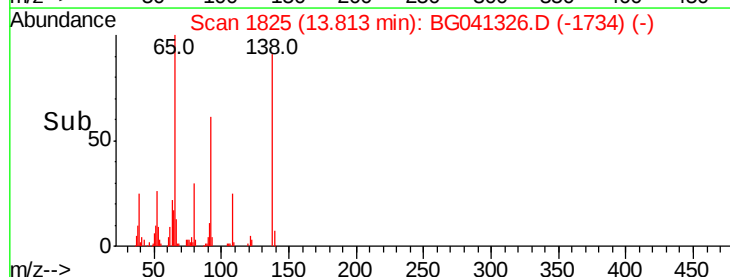
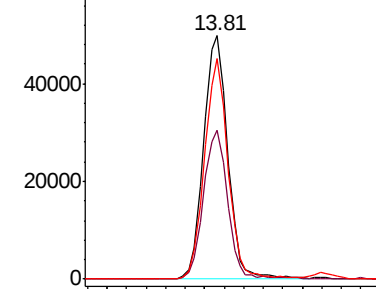


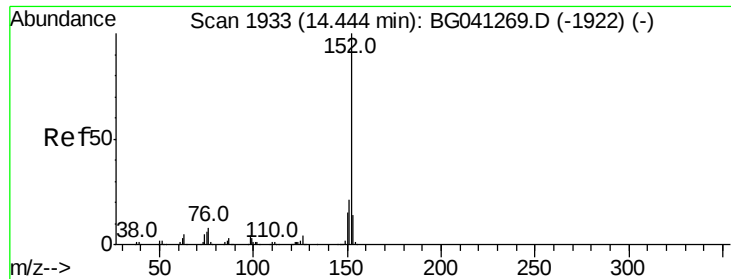
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.970 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

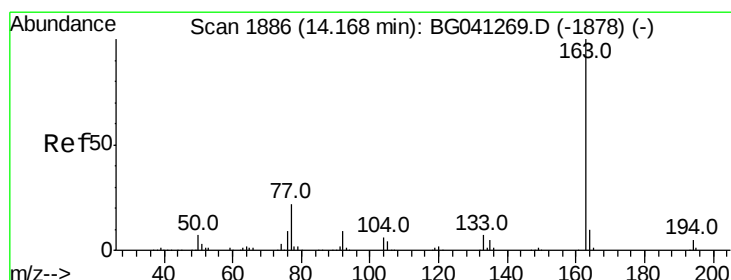
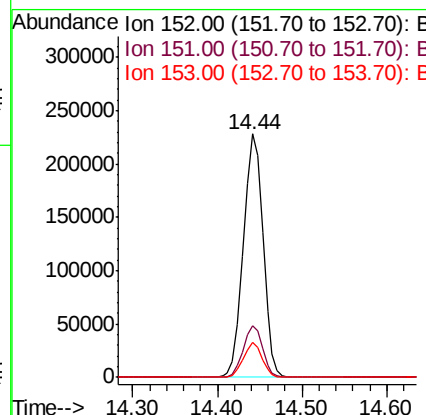
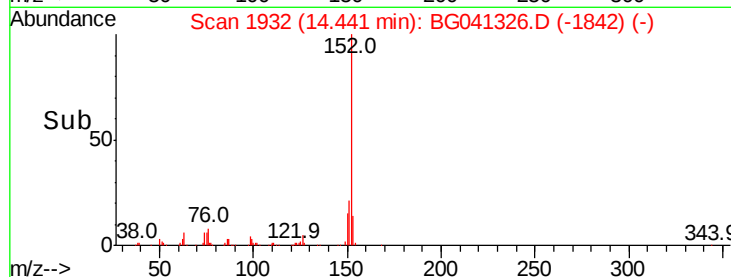
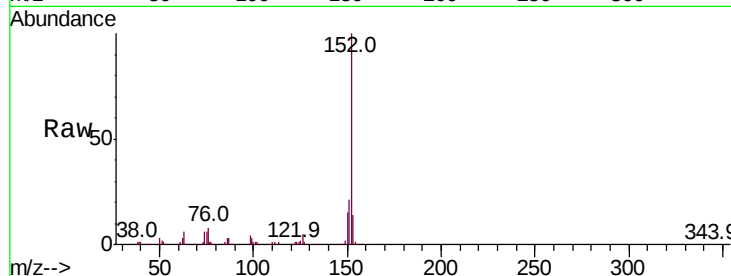
ClientSampleId :

PB120729BSD

Tot Ion:	152	Resp:	364496
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.8	25.2
153	14.2	10.8	16.2

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#50

Dimethylphthalate

Concen: 37.326 ng

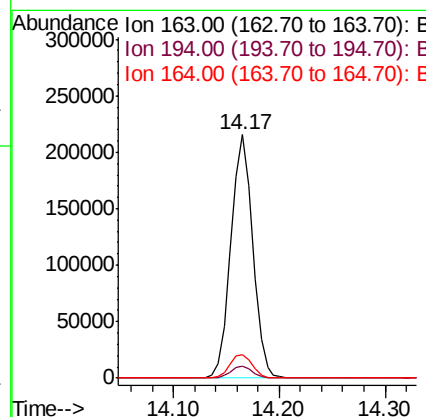
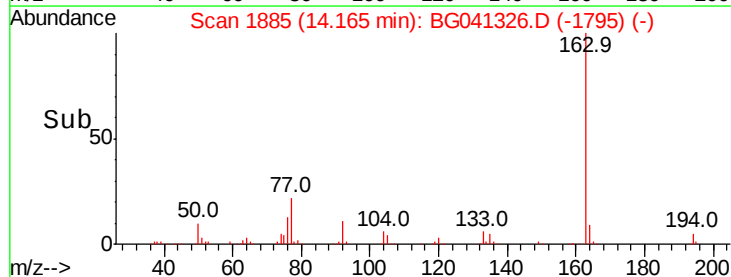
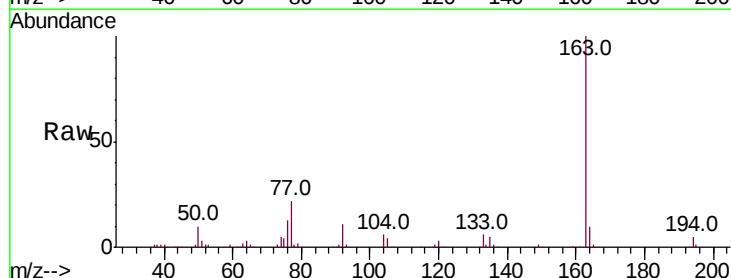
RT: 14.17 min Scan# 1885

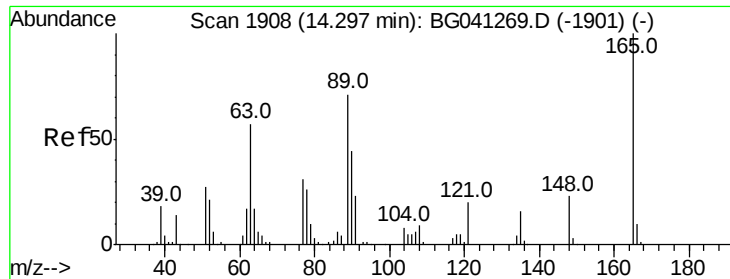
Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:	163	Resp:	306648
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.9	5.9
164	9.7	8.3	12.5





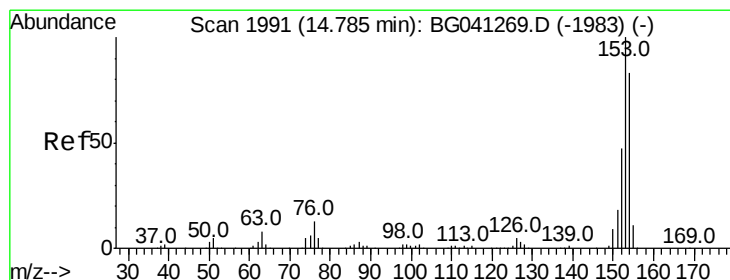
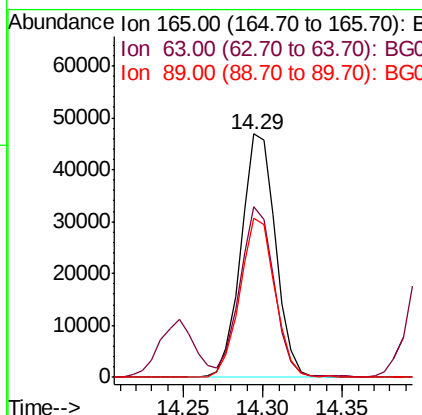
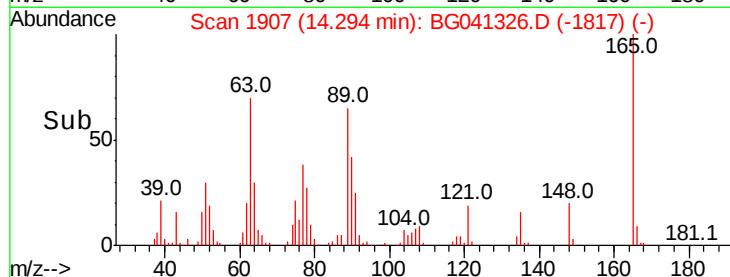
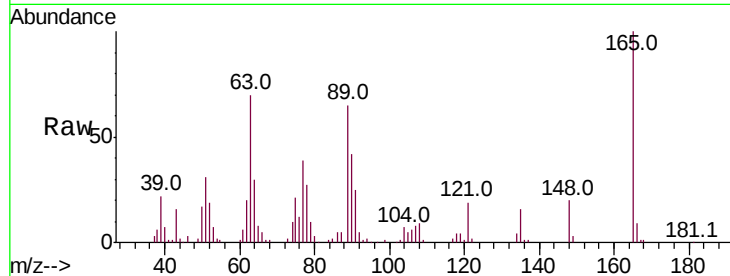
#51
 2,6-Dinitrotoluene
 Concen: 40.702 ng
 RT: 14.29 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120729BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	70.3	55.4	83.0
89	65.3	56.5	84.7

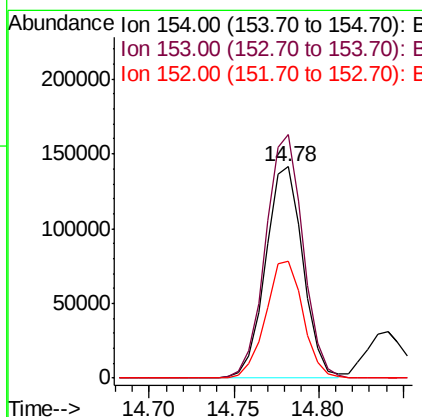
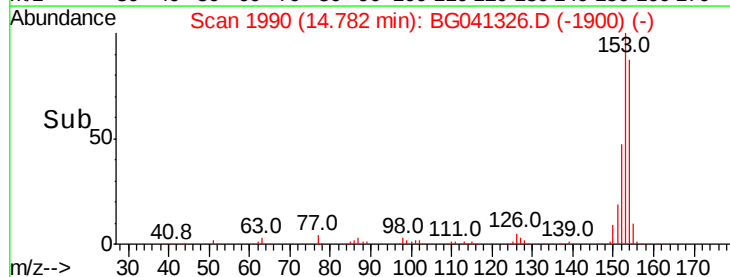
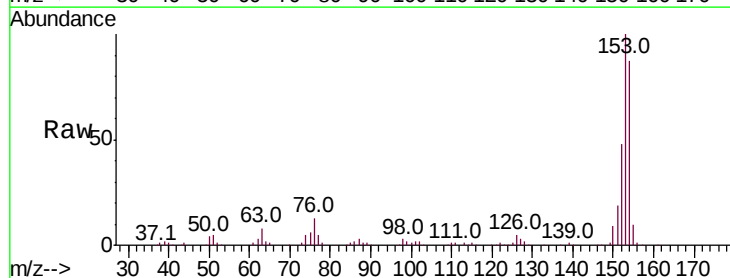
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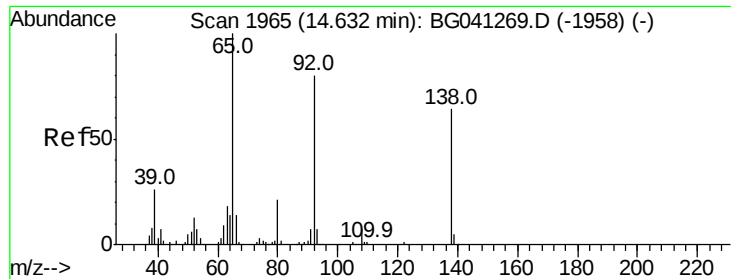
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#52
 Acenaphthene
 Concen: 40.465 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	96.6	145.0
152	55.2	45.5	68.3





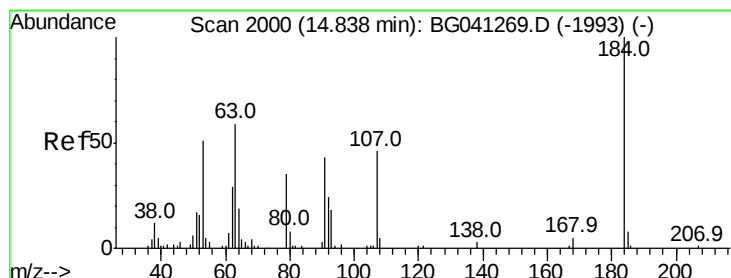
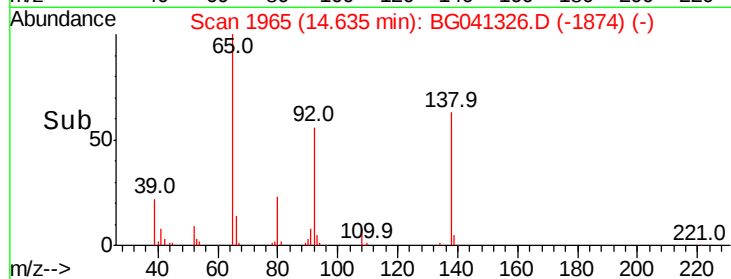
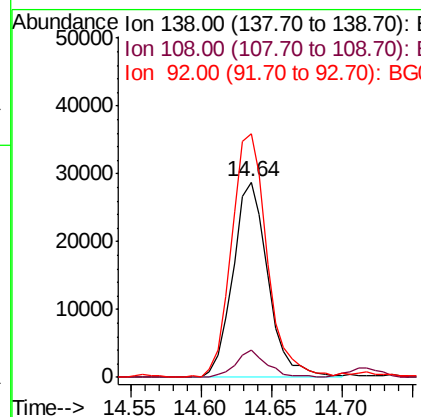
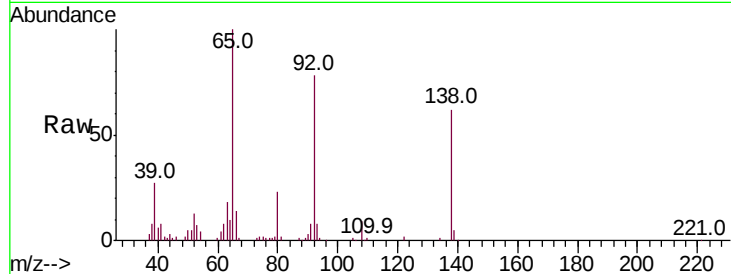
#53
3-Nitroaniline
Concen: 29.155 ng
RT: 14.64 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion:138 Resp: 49758
Ion Ratio Lower Upper
138 100
108 13.8 8.3 12.5#
92 124.9 100.2 150.4

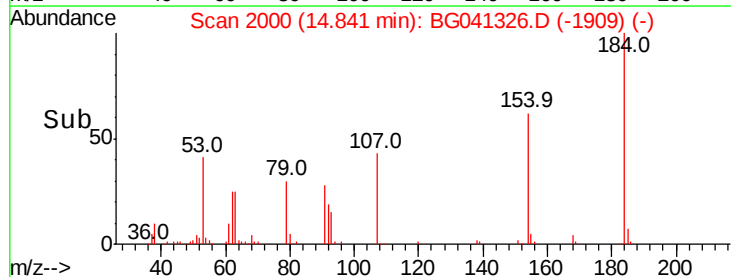
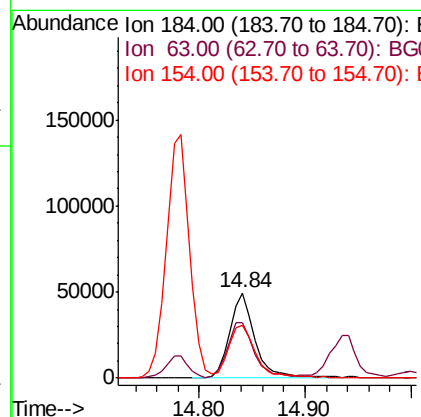
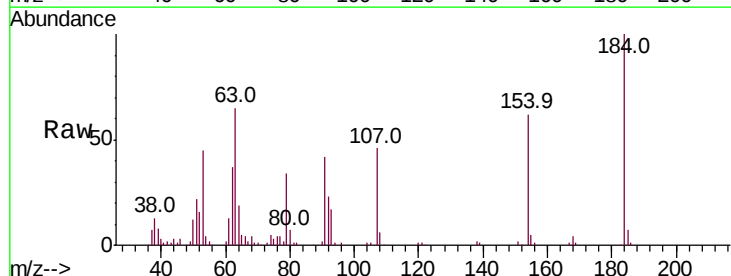
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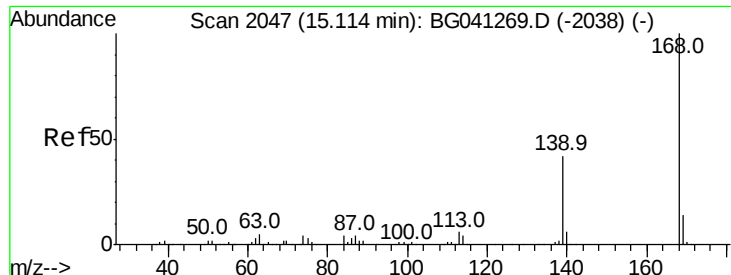
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#54
2,4-Dinitrophenol
Concen: 66.674 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:184 Resp: 81976
Ion Ratio Lower Upper
184 100
63 64.6 60.0 90.0
154 62.4 58.3 87.5





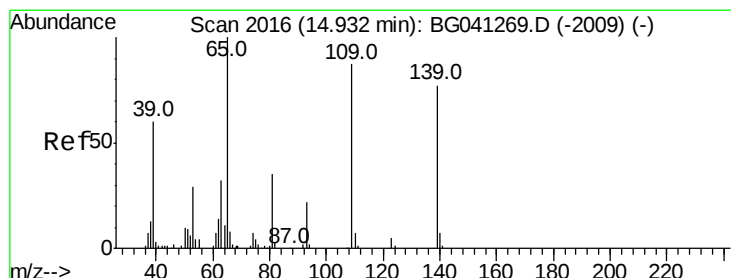
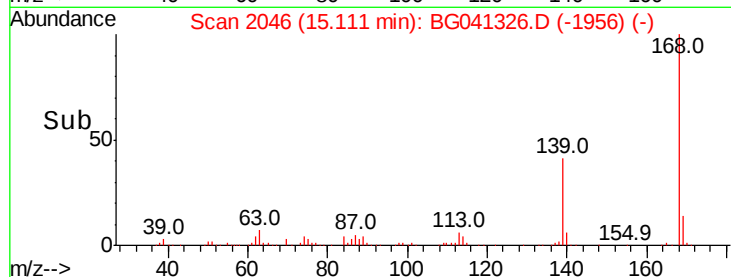
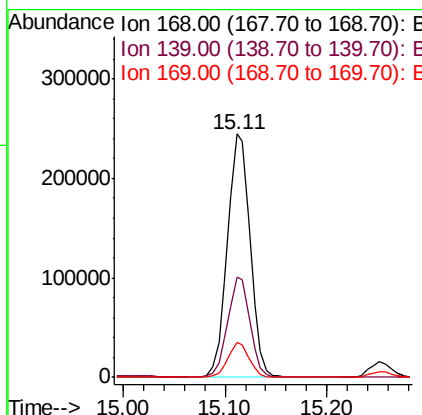
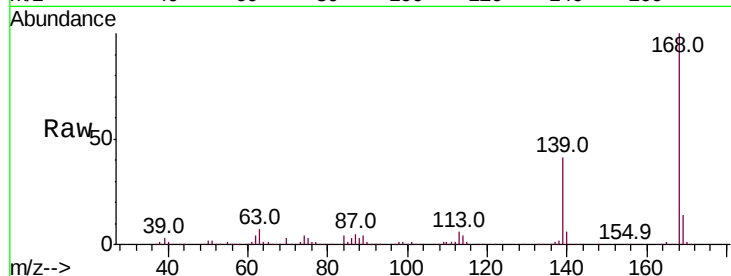
#55
Dibenzenofuran
Concen: 40.820 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	380057		
139	41.1		33.6	50.4
169	14.3		10.8	16.2

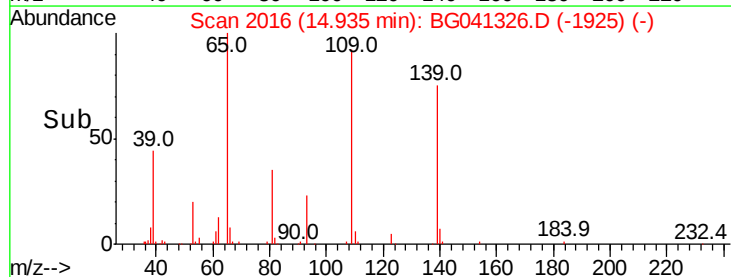
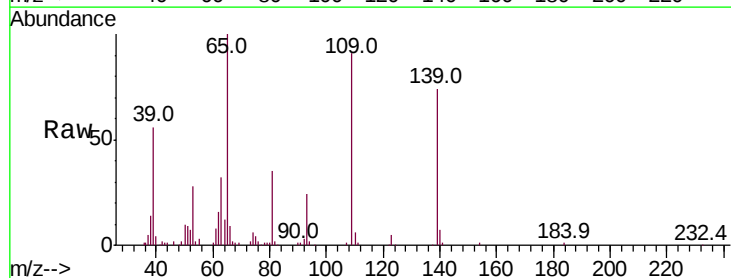
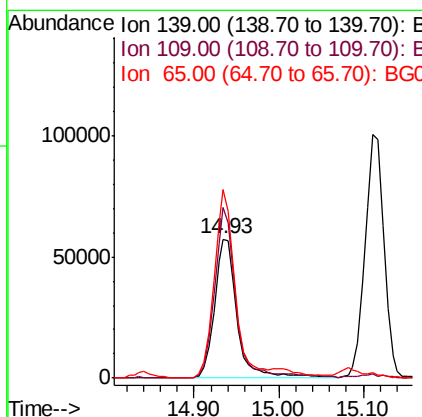
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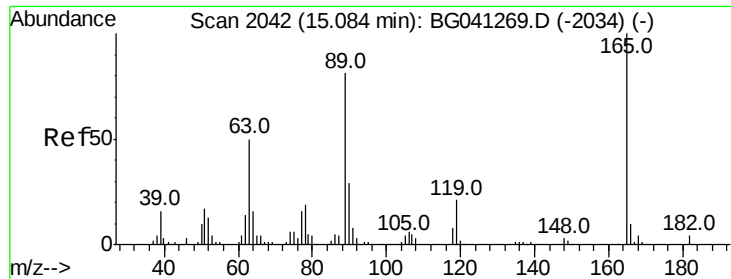
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#56
4-Nitrophenol
Concen: 83.401 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	108316		
109	123.4		93.2	133.2
65	135.8		110.2	150.2





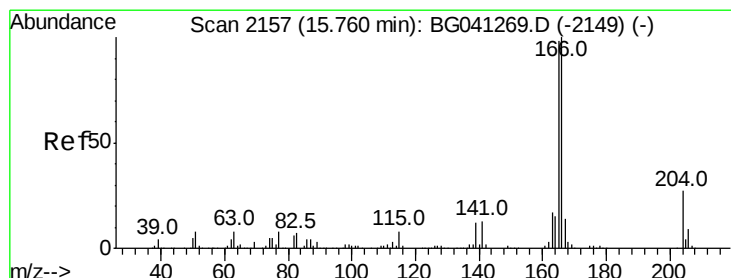
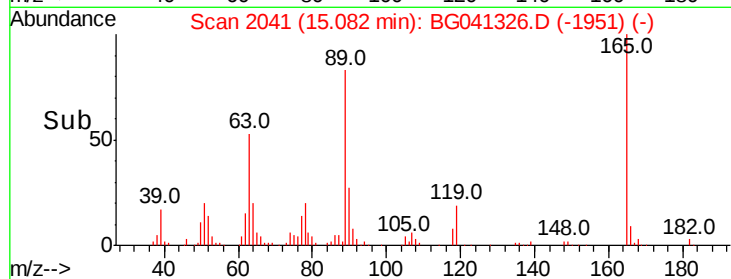
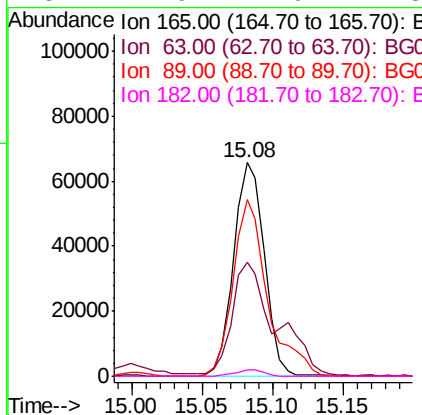
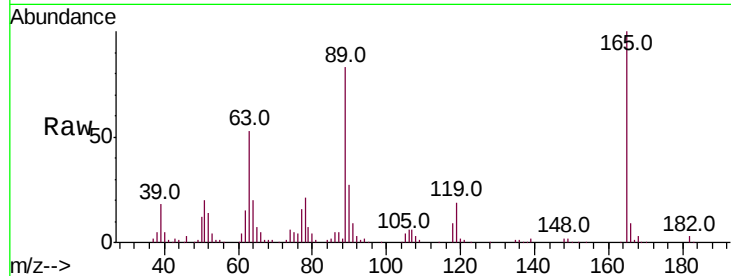
#57
2,4-Dinitrotoluene
Concen: 39.470 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	99945		
63	53.1	40.0	60.0	
89	82.8	64.6	96.8	
182	2.9	2.9	4.3	

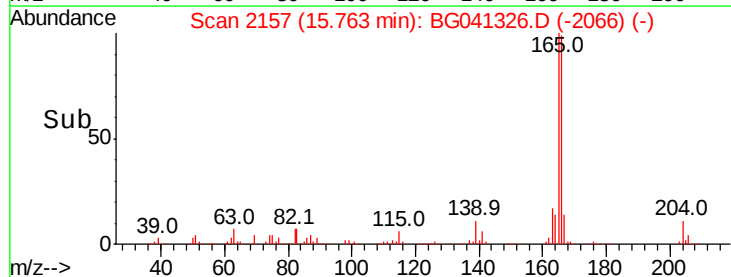
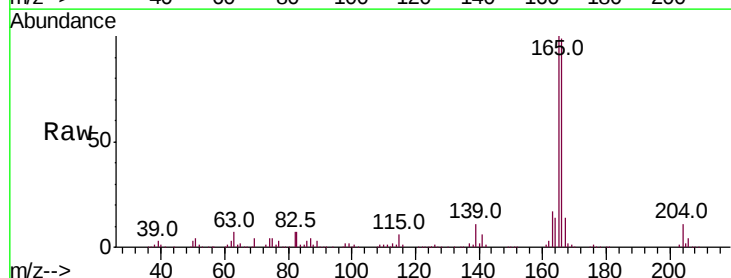
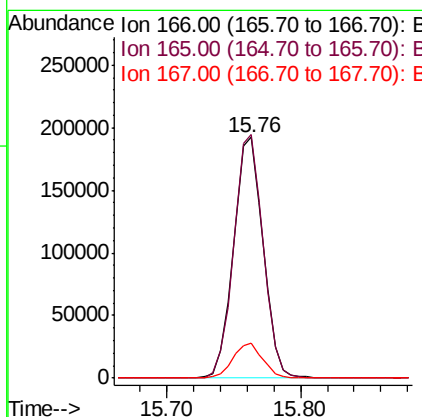
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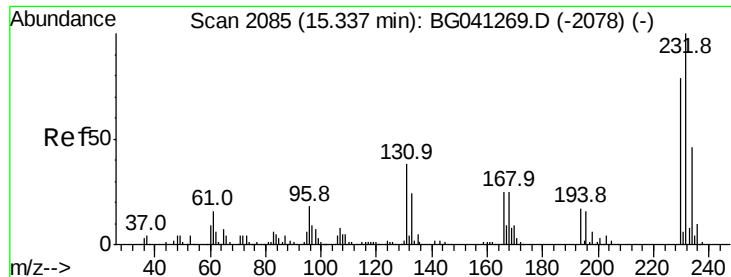
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#58
Fluorene
Concen: 40.281 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	295021		
165	101.0	78.8	118.2	
167	14.3	11.3	16.9	





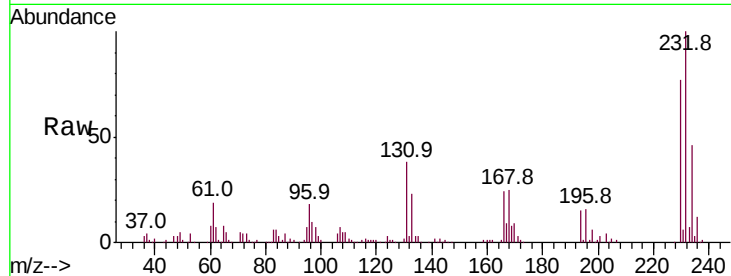
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.814 ng
 RT: 15.33 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	109955		
131	37.9		29.0	43.6
130	2.3		1.6	2.4
166	25.3		21.0	31.4

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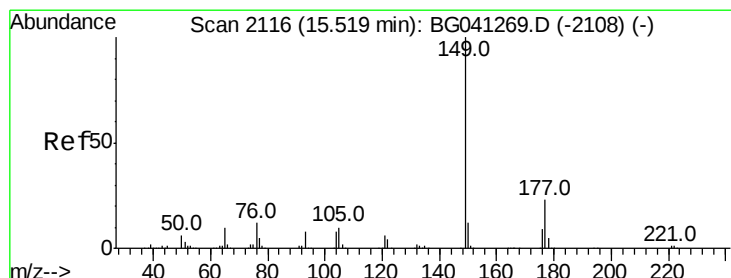
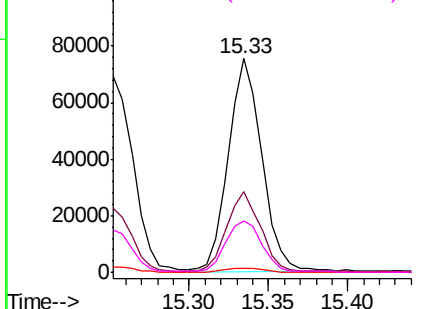
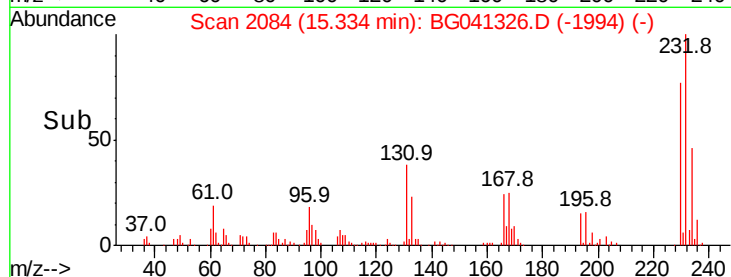
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

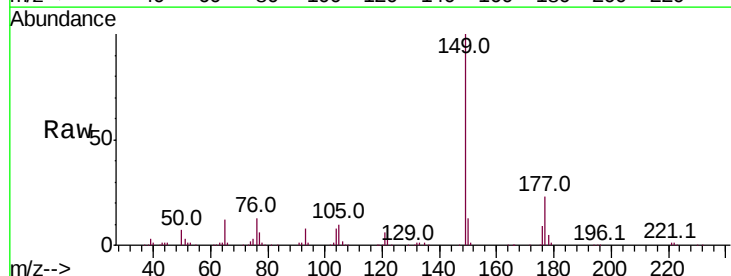
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.343 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	320174		
177	23.2		18.4	27.6
150	13.5		9.9	14.9

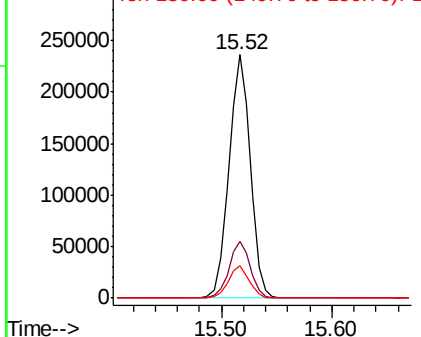
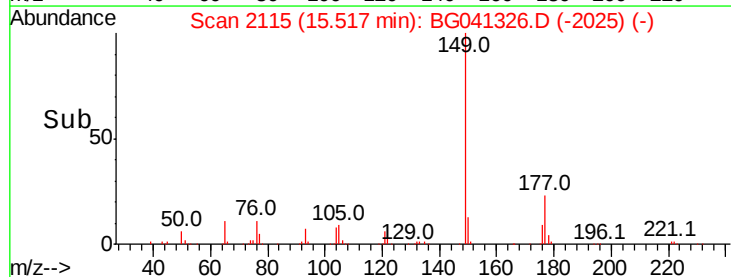


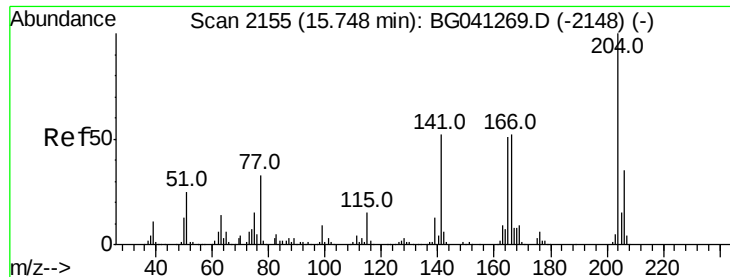
Abundance

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





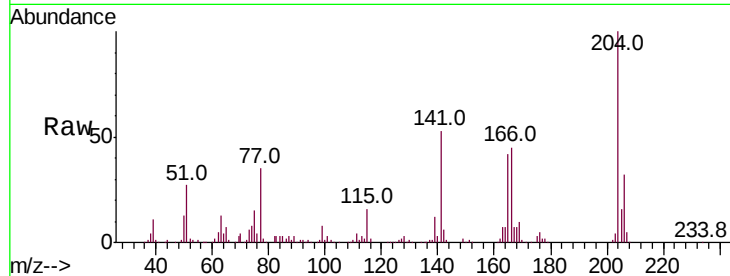
#61
4-Chlorophenyl-phenylether
Concen: 39.049 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.9	41.9
141	53.2	41.4	62.0

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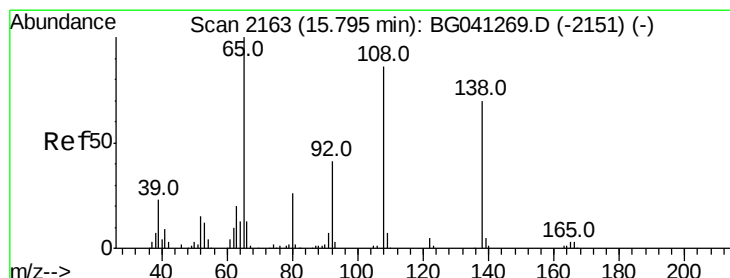
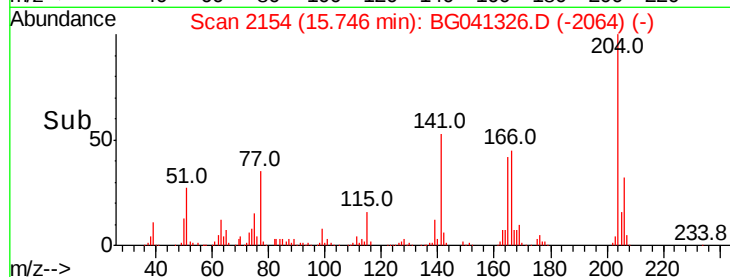
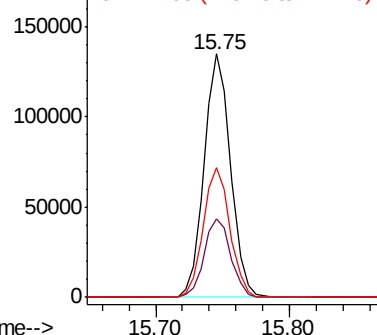


Abundance

Ion 204.00 (203.70 to 204.70): E

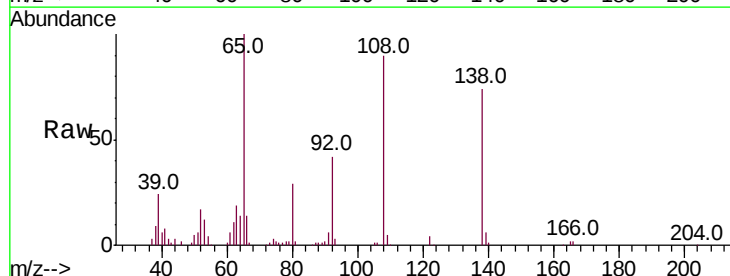
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.748 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	38.8	78.8
108	121.7	103.4	143.4

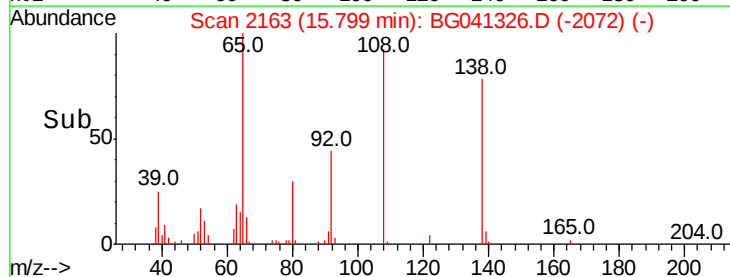
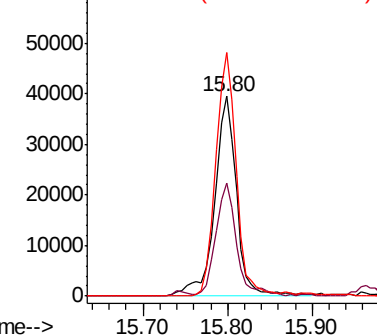


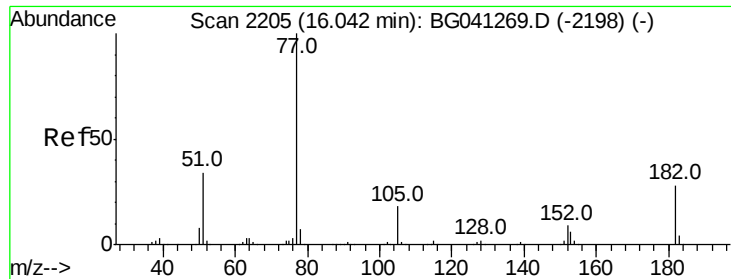
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





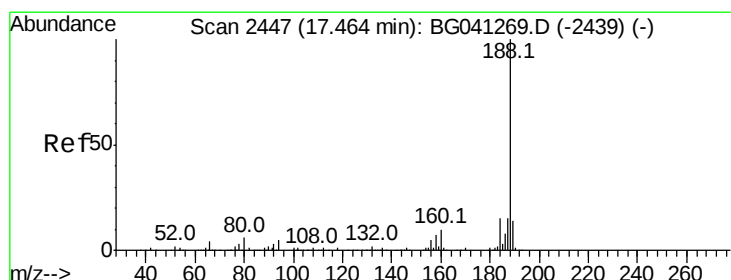
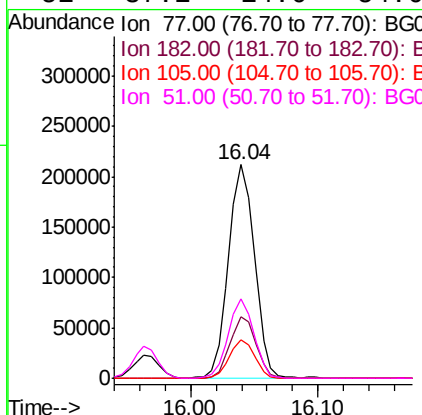
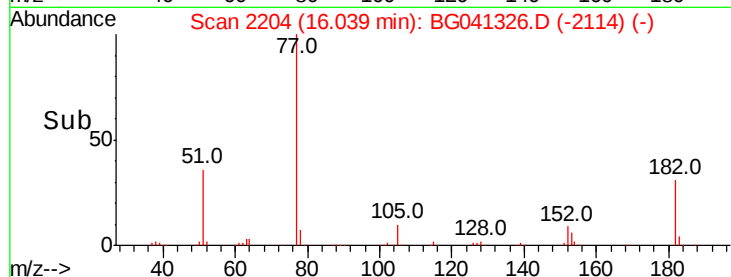
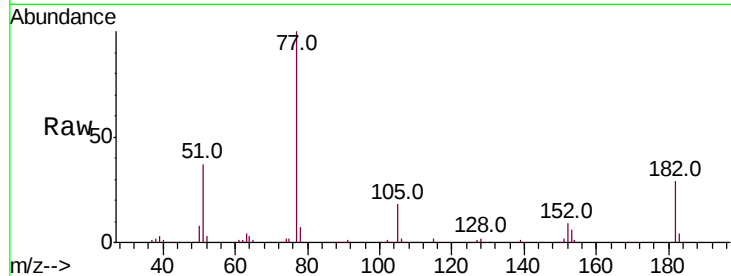
#63
Azobenzene
Concen: 40.208 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.8	7.5	47.5	
105	18.3	0.0	37.7	
51	37.1	14.6	54.6	

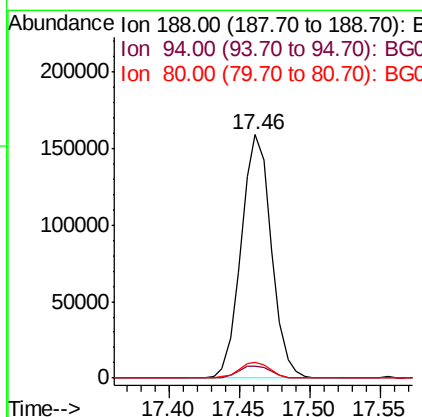
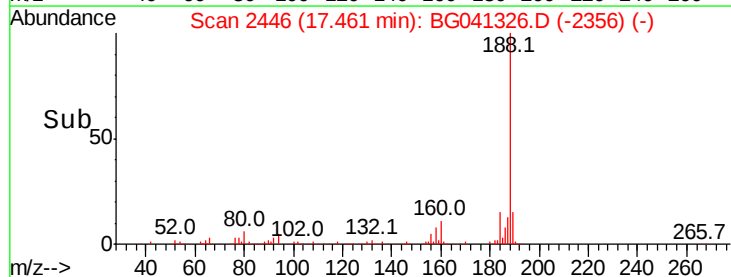
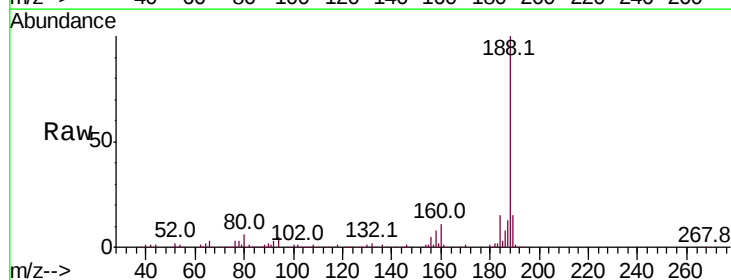
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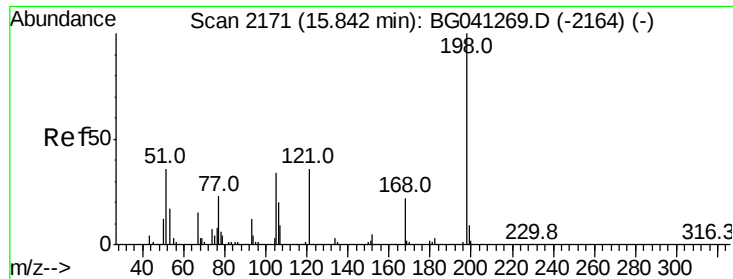
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.8	3.6	5.4	
80	6.5	4.8	7.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.947 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

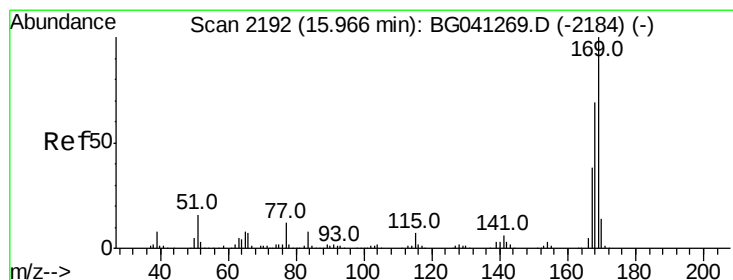
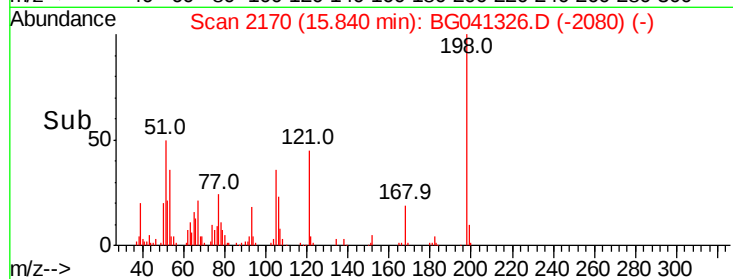
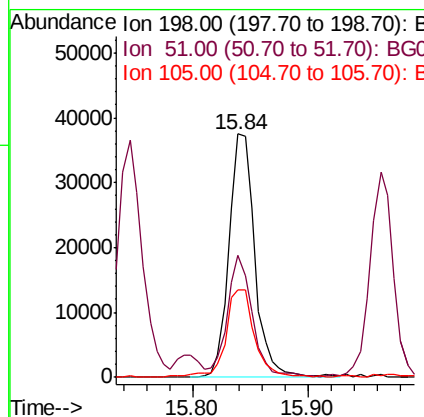
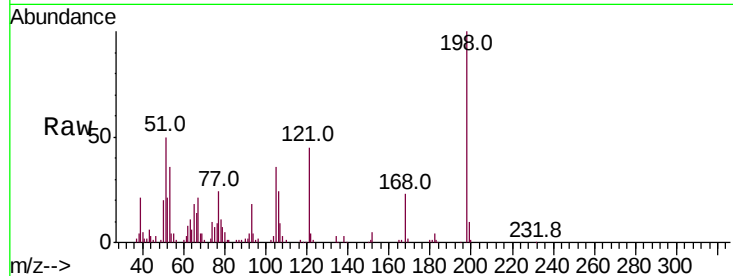
ClientSampleId :

PB120729BSD

Tot Ion:	198	Resp:	58585
Ion Ratio	Lower	Upper	
198	100		
51	50.0	23.4	63.4
105	36.1	15.8	55.8

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#66

n-Nitrosodiphenylamine

Concen: 42.297 ng

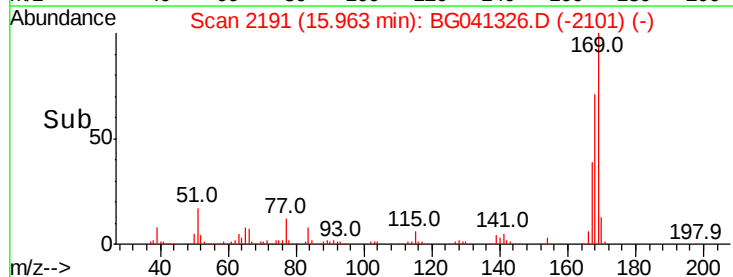
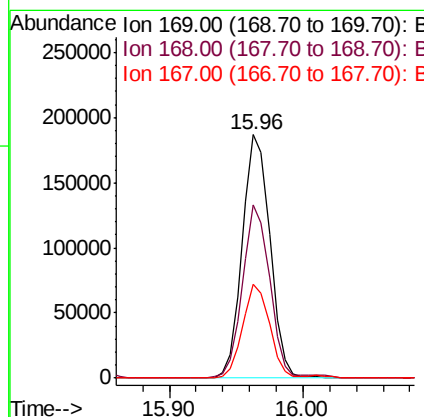
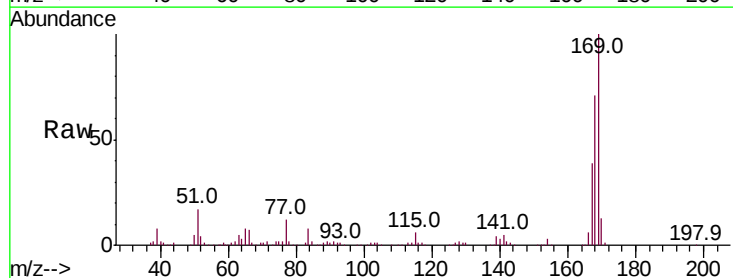
RT: 15.96 min Scan# 2191

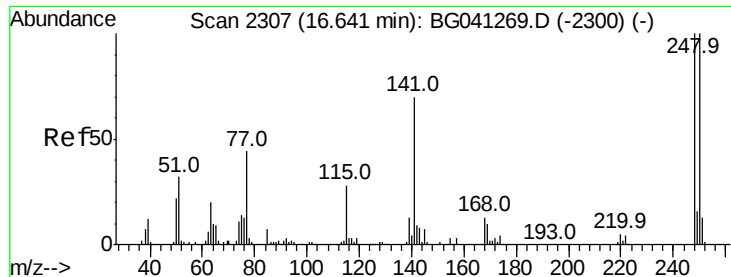
Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:	169	Resp:	267130
Ion Ratio	Lower	Upper	
169	100		
168	70.9	55.2	82.8
167	38.8	30.4	45.6





#67

4-Bromophenyl-phenylether

Concen: 40.040 ng

RT: 16.64 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

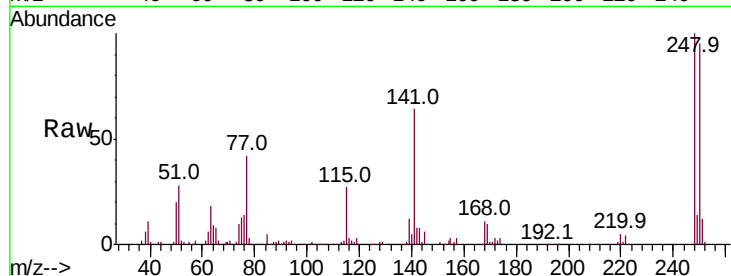
ClientSampleId :

PB120729BSD

Tot Ion:	248	Resp:	123143
Ion Ratio	Lower	Upper	
248	100		
250	95.4	79.8	119.8
141	64.1	55.8	83.6

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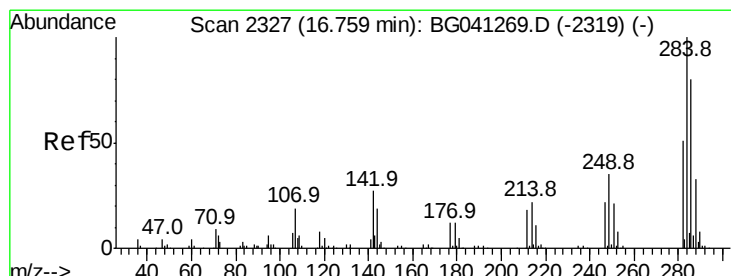
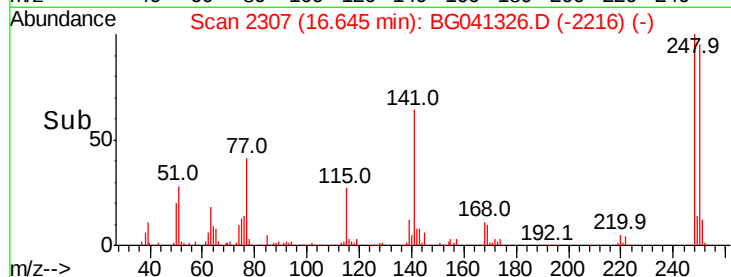
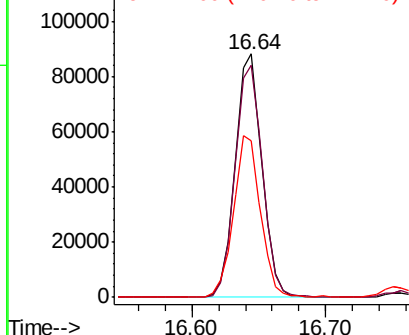


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.474 ng

RT: 16.76 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

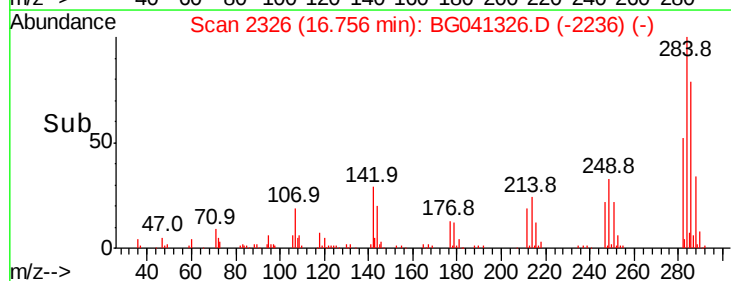
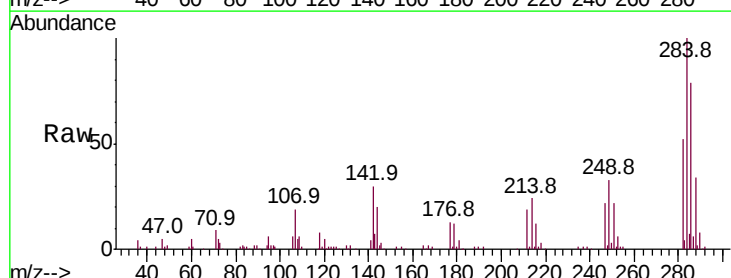
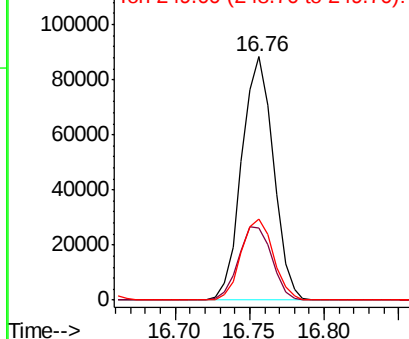
Tgt Ion:	284	Resp:	130001
Ion Ratio	Lower	Upper	
284	100		
142	29.5	21.8	32.8
249	33.4	27.8	41.6

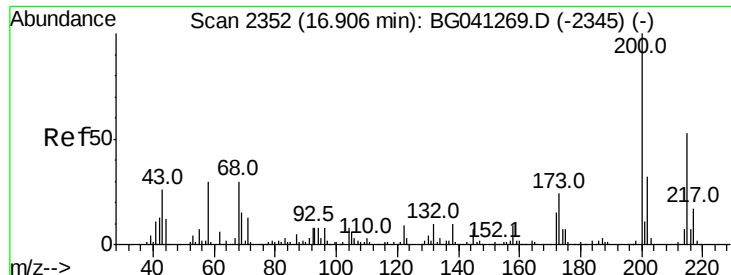
Abundance

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





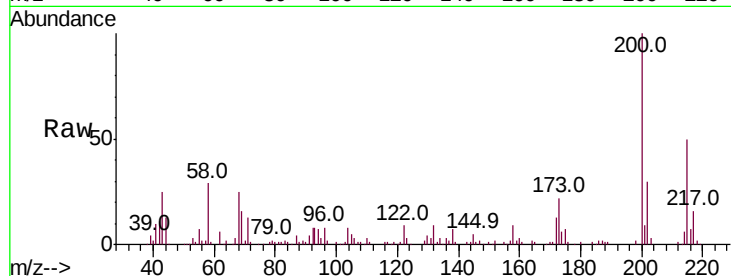
#69
Atrazine
Concen: 49.252 ng
RT: 16.91 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	21.9	4.0	44.0
215	50.0	33.4	73.4

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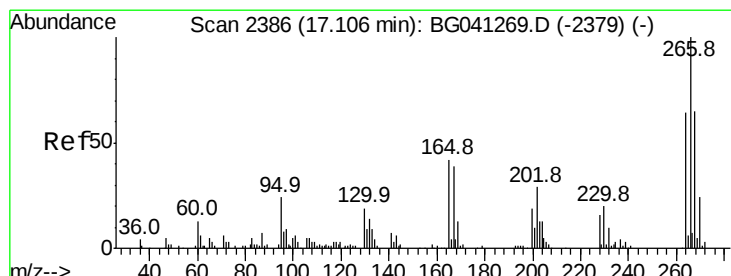
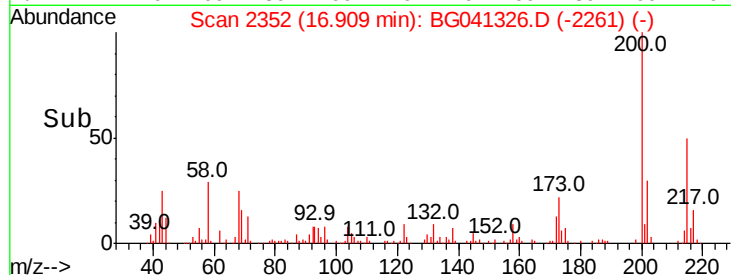
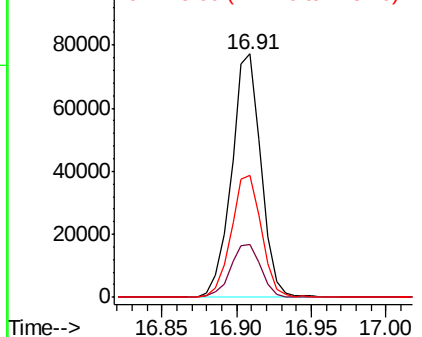


Abundance

Ion 200.00 (199.70 to 200.70): E

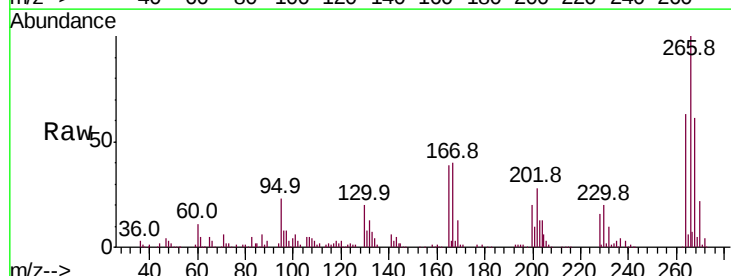
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.397 ng
RT: 17.11 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.1	52.0	78.0
264	63.0	51.2	76.8

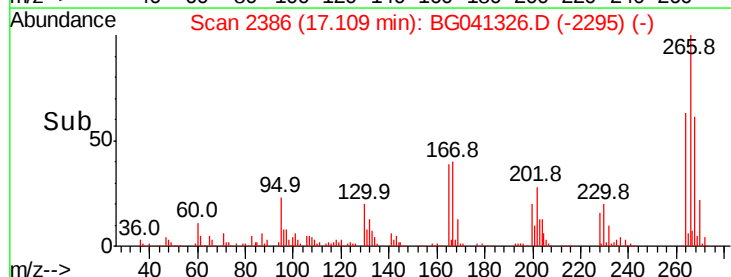
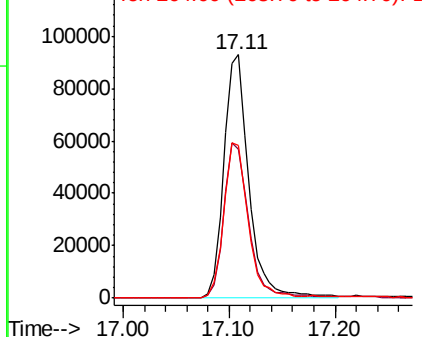


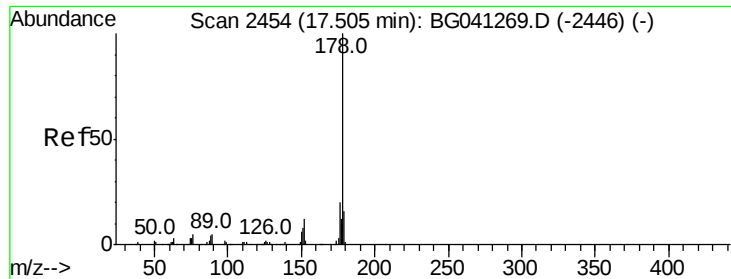
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





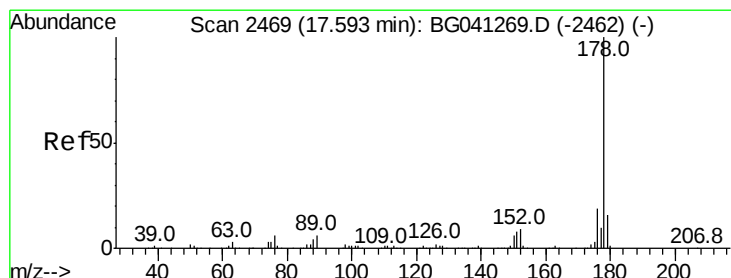
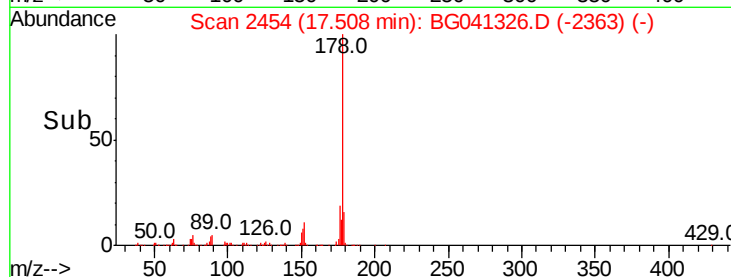
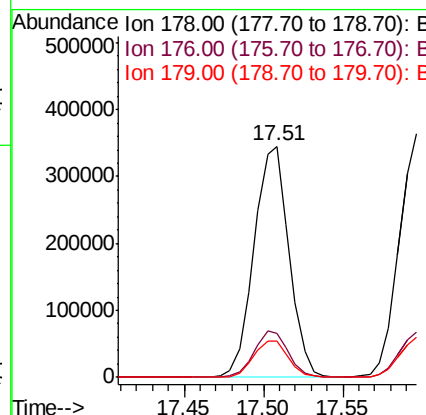
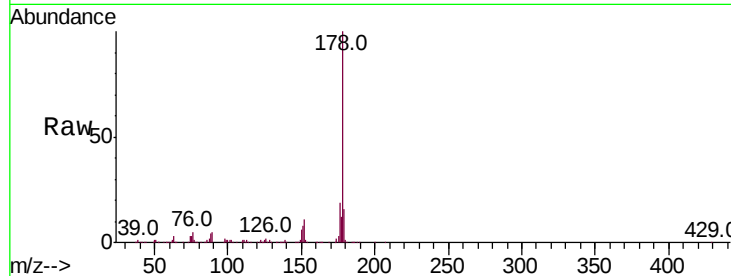
#71
Phenanthrene
Concen: 41.738 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	15.9	12.9	19.3

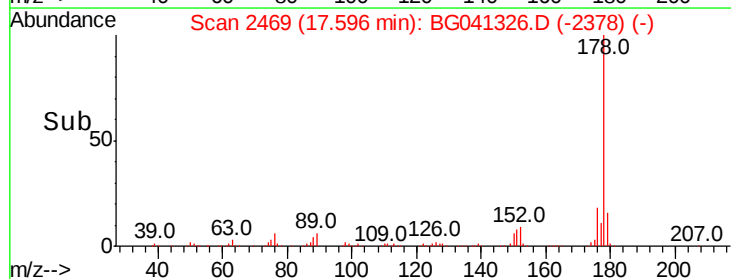
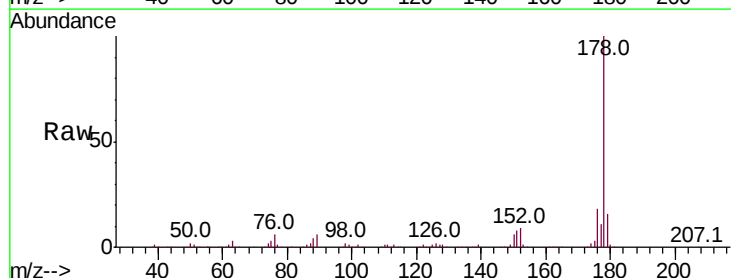
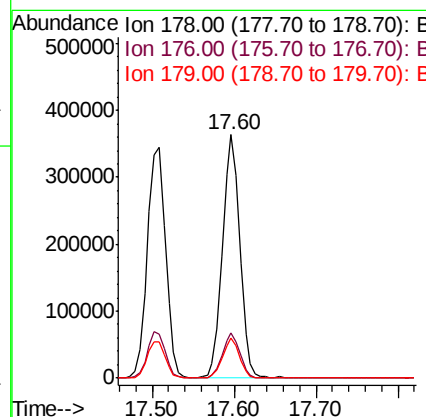
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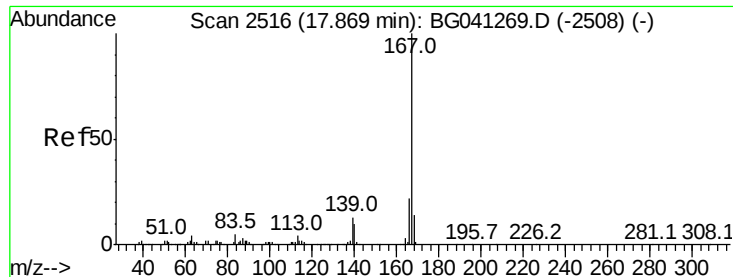
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#72
Anthracene
Concen: 43.294 ng
RT: 17.60 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.4	13.0	19.4





#73

Carbazole

Concen: 42.984 ng

RT: 17.87 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

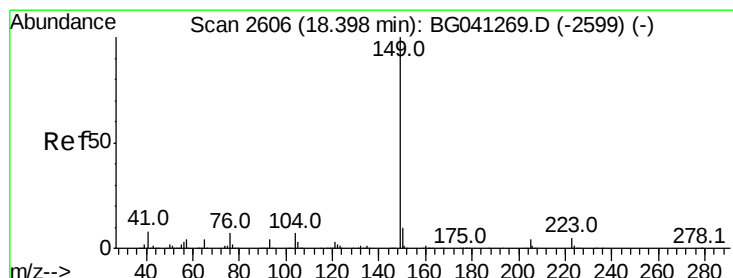
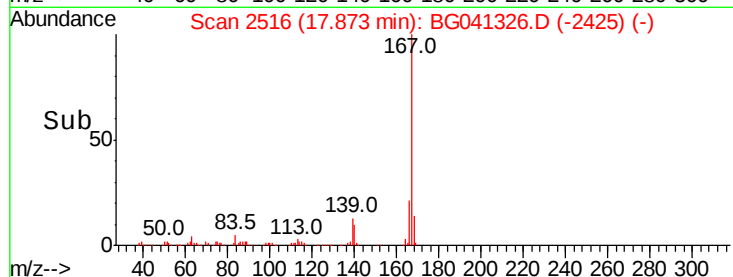
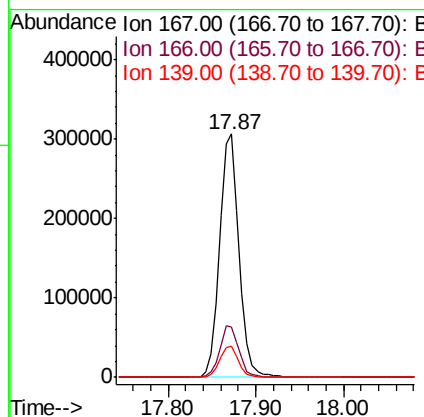
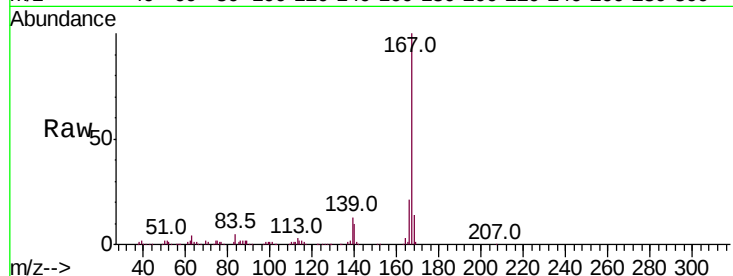
ClientSampleId :

PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	470255		
166	20.8		17.9	26.9
139	12.8		10.7	16.1

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#74

Di-n-butylphthalate

Concen: 40.624 ng

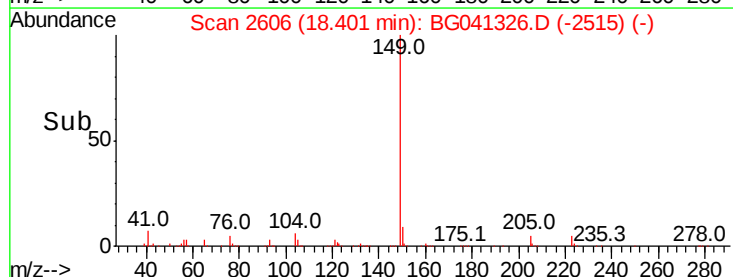
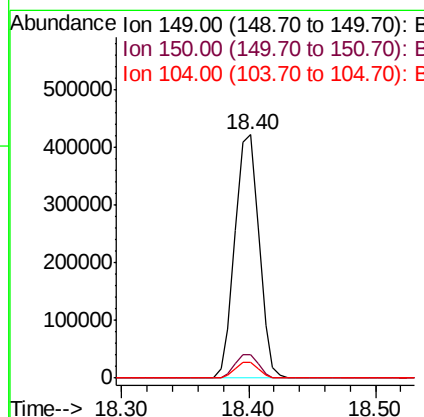
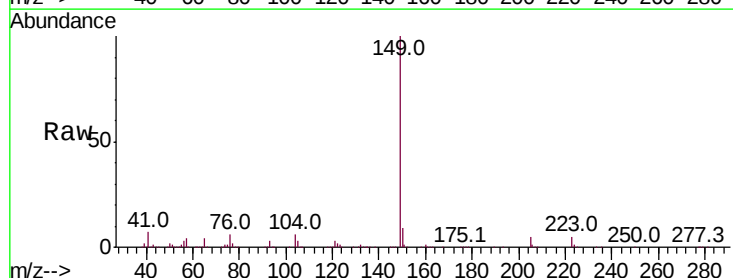
RT: 18.40 min Scan# 2606

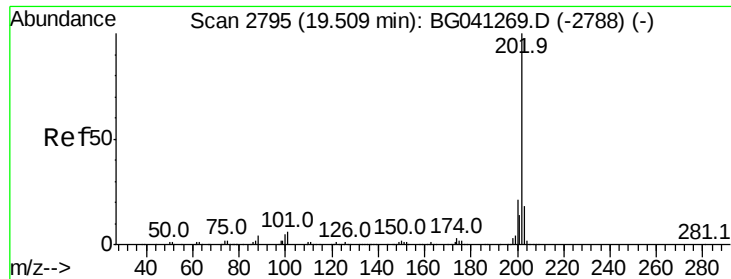
Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	554541		
150	9.4		8.1	12.1
104	6.4		5.4	8.0





#75

Fluoranthene

Concen: 42.317 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

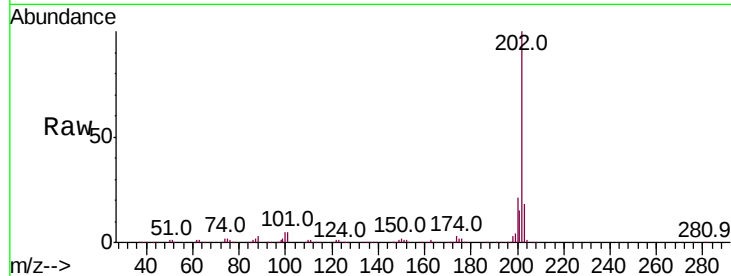
ClientSampleId :

PB120729BSD

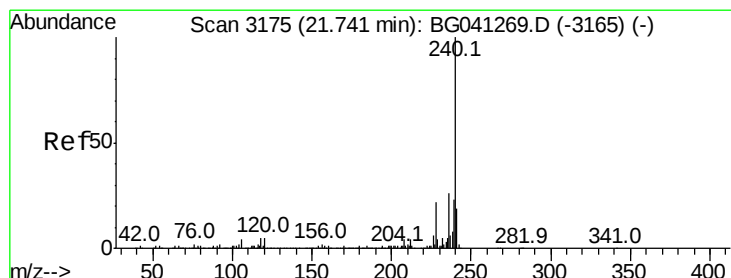
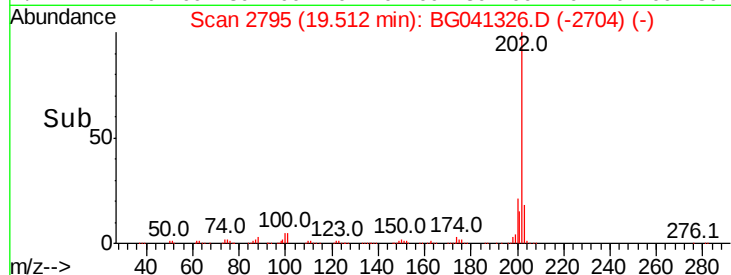
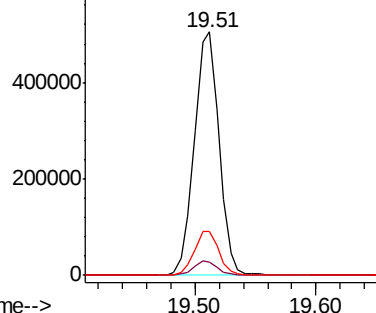
Tot Ion:	202	Resp:	713163
Ion Ratio	Lower	Upper	
202	100		
101	5.2	0.0	26.0
203	18.1	0.0	37.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

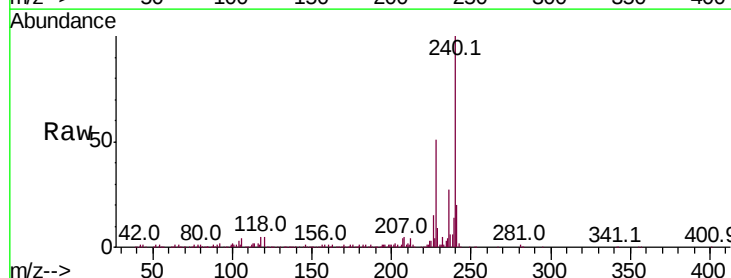
RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

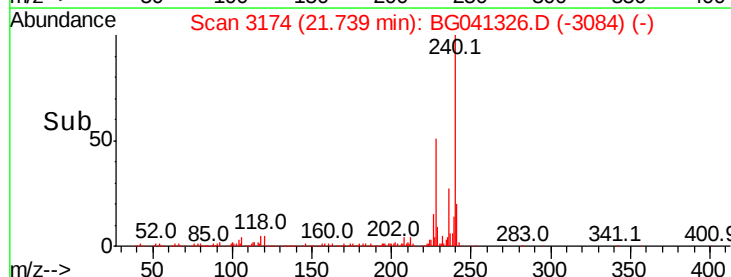
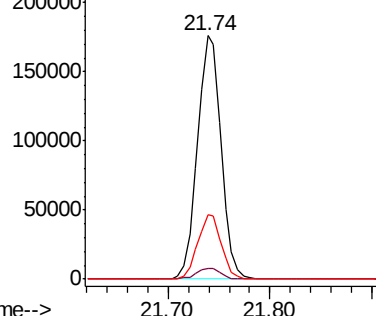
Lab File: BG041326.D

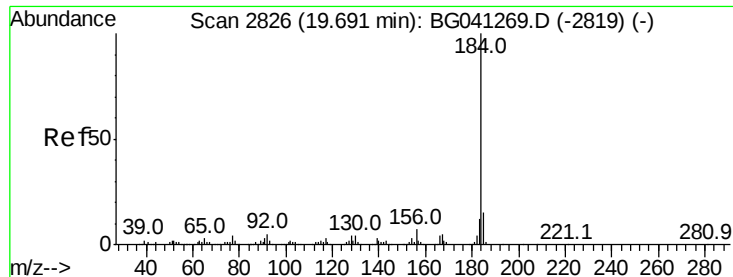
Acq: 19 Jun 2019 13:48

Tgt Ion:	240	Resp:	283859
Ion Ratio	Lower	Upper	
240	100		
120	4.6	3.7	5.5
236	26.6	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.447 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

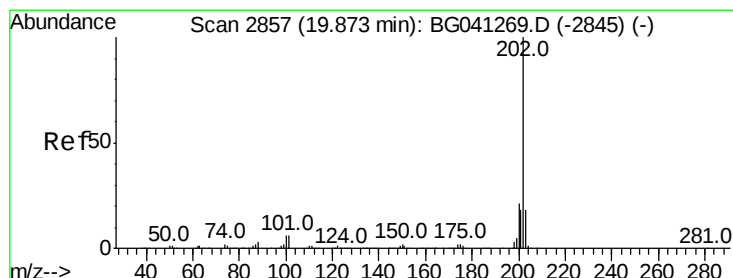
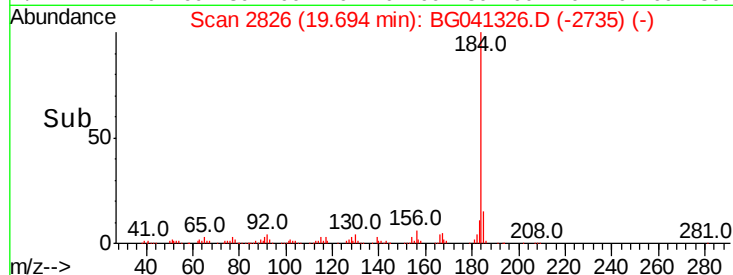
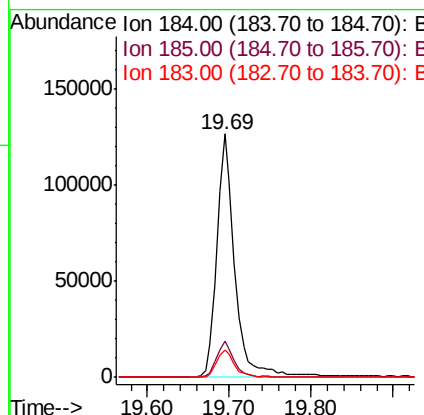
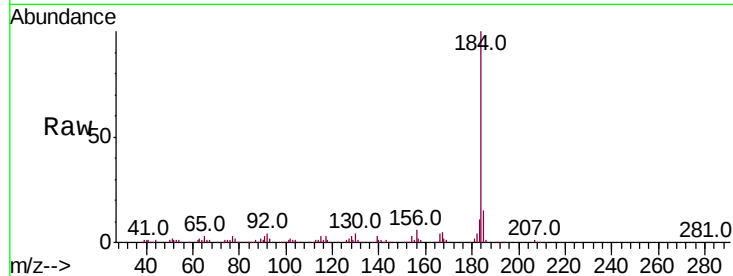
ClientSampleId :

PB120729BSD

Tot Ion:	184	Resp:	195313
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	11.4	9.6	14.4

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#78

Pyrene

Concen: 37.363 ng

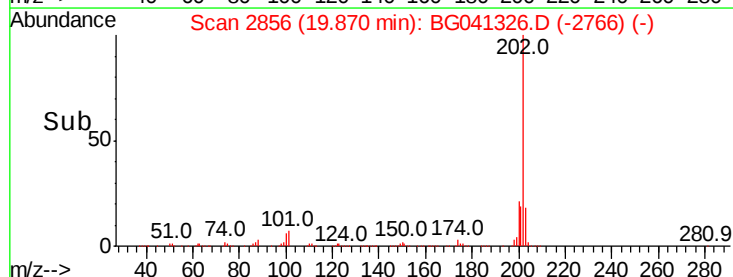
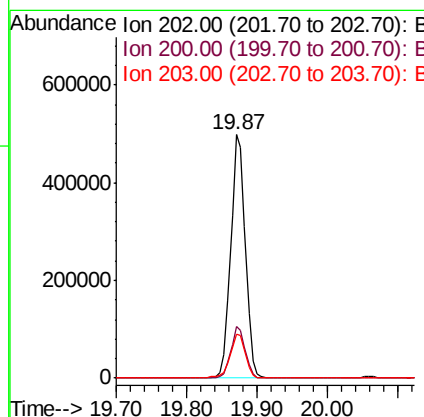
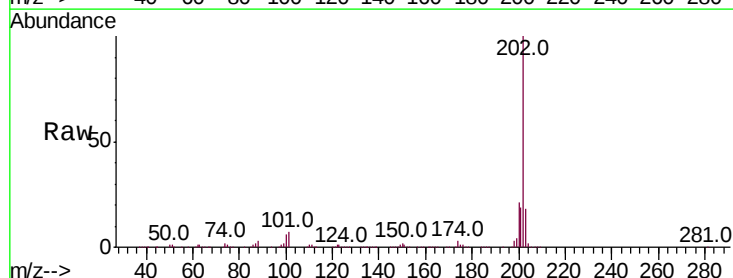
RT: 19.87 min Scan# 2856

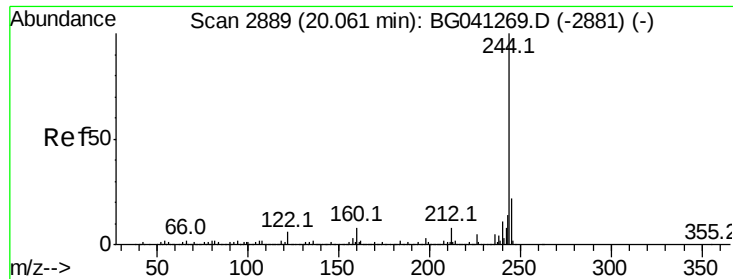
Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:	202	Resp:	715271
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	18.0	14.6	21.8





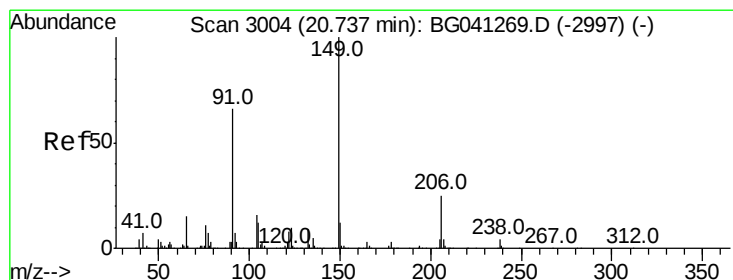
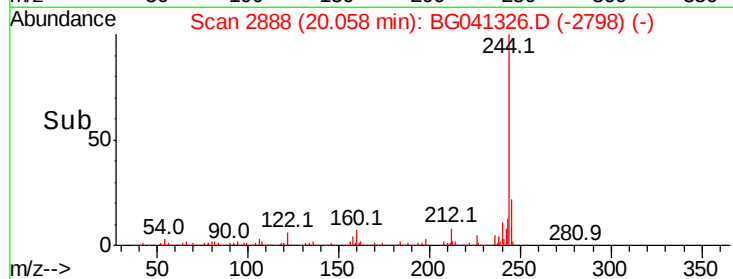
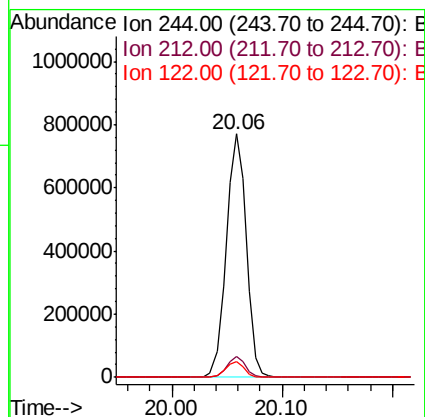
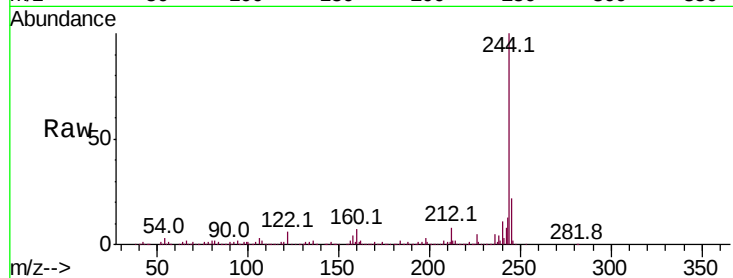
#79
 Terphenyl-d14
 Concen: 68.027 ng
 RT: 20.06 min Scan# 2888
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.4	6.6	10.0	
122	6.3	5.0	7.4	

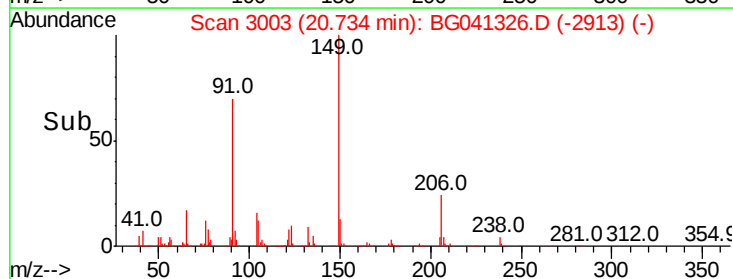
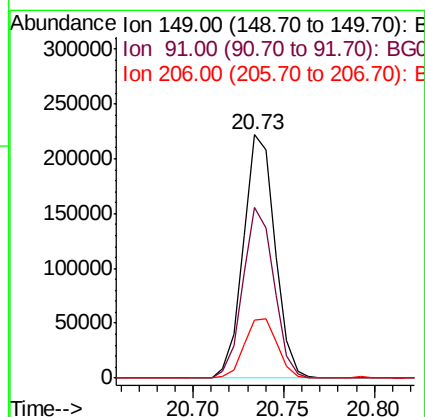
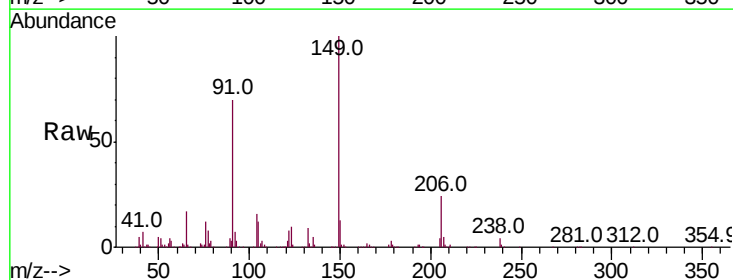
Manual Integrations
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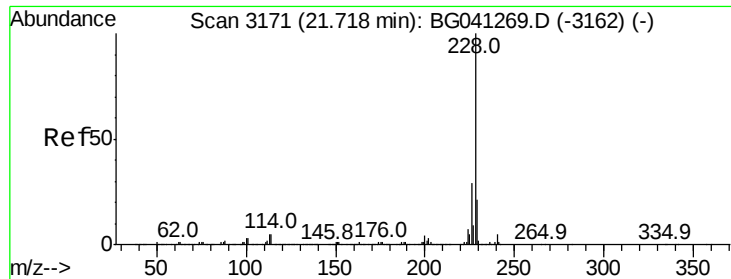
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#80
 Butylbenzylphthalate
 Concen: 37.096 ng
 RT: 20.73 min Scan# 3003
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.1	53.2	79.8	
206	23.8	20.3	30.5	





#81

Benzo(a)anthracene

Concen: 36.492 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

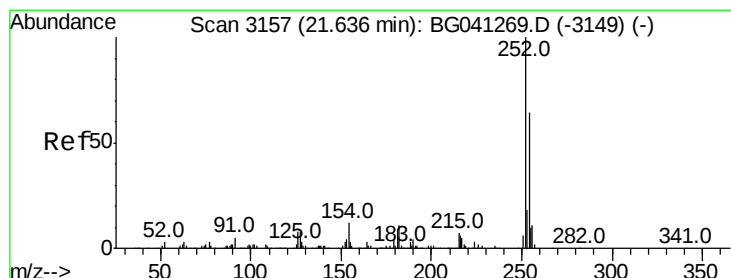
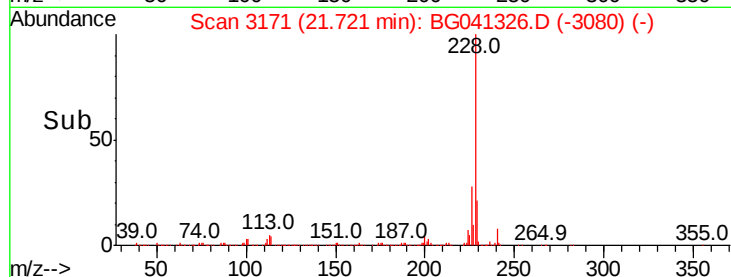
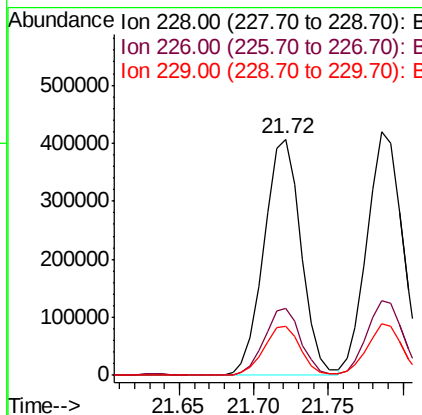
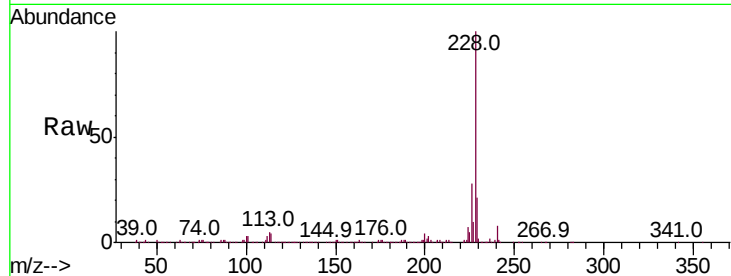
ClientSampleId :

PB120729BSD

Tot Ion:	228	Resp:	701364
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.2	34.8
229	20.6	16.8	25.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.351 ng

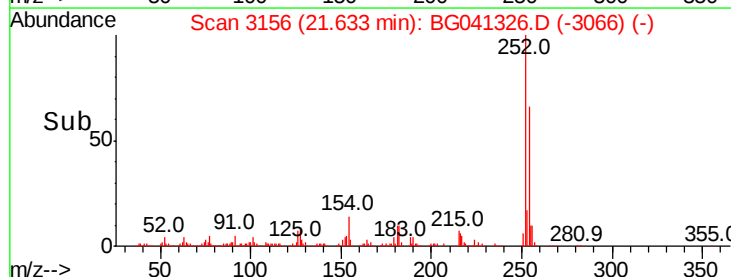
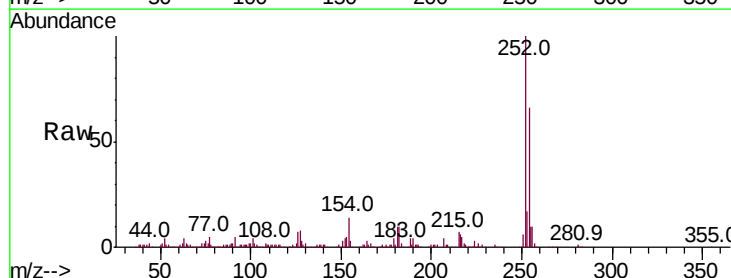
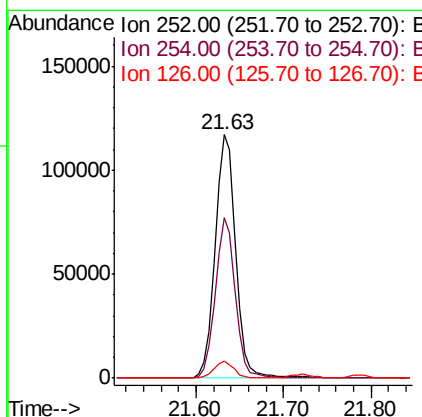
RT: 21.63 min Scan# 3156

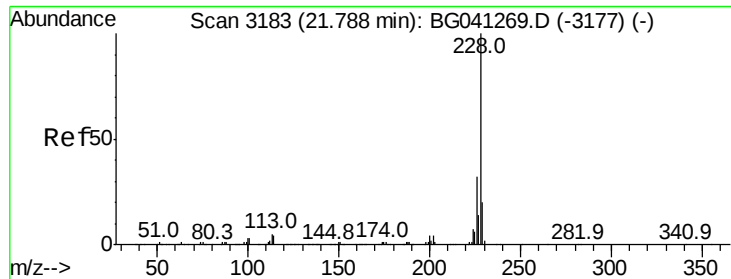
Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:	252	Resp:	191278
Ion Ratio	Lower	Upper	
252	100		
254	65.7	51.4	77.0
126	7.0	6.0	9.0





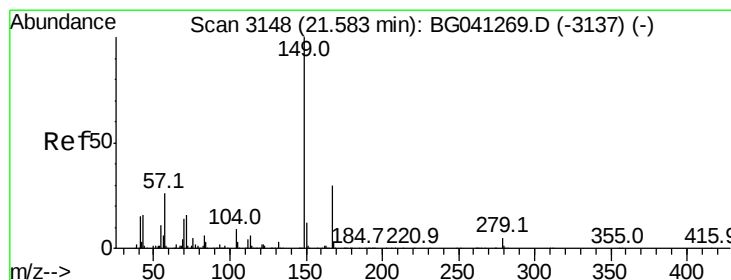
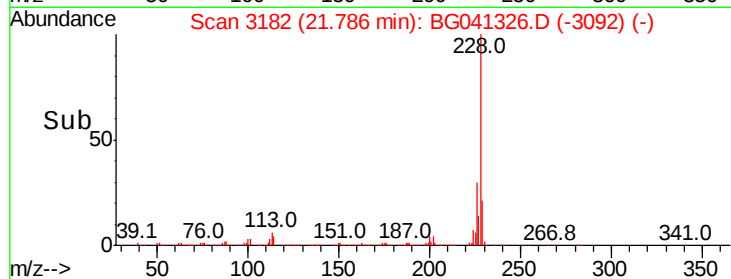
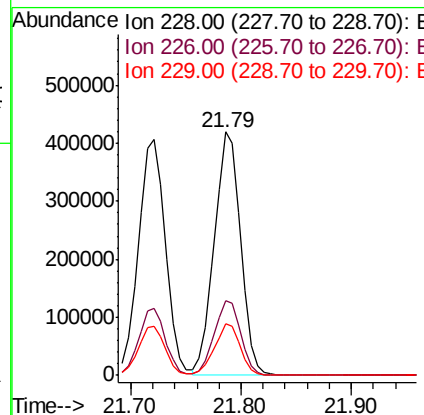
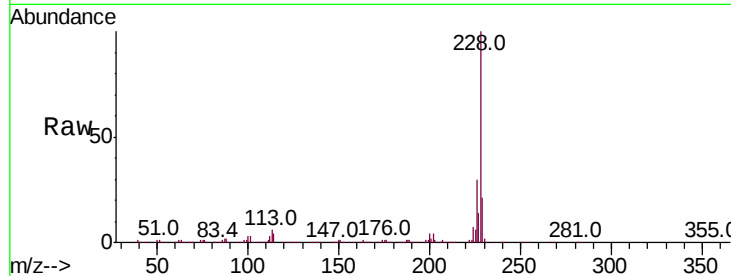
#83
 Chrysene
 Concen: 37.042 ng
 RT: 21.79 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120729BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	21.0	16.2	24.2

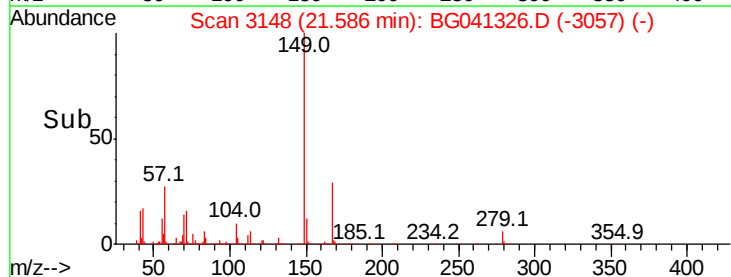
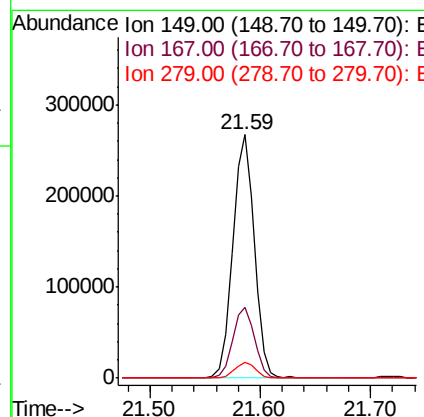
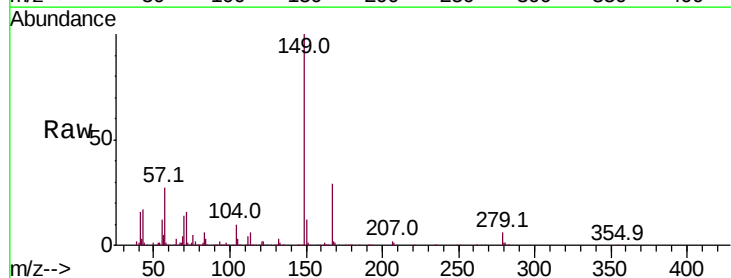
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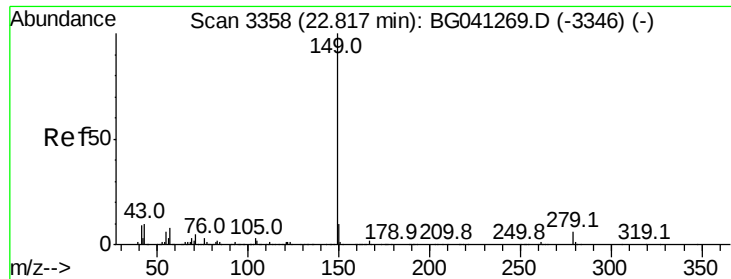
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.876 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.8	35.8
279	6.2	4.4	6.6





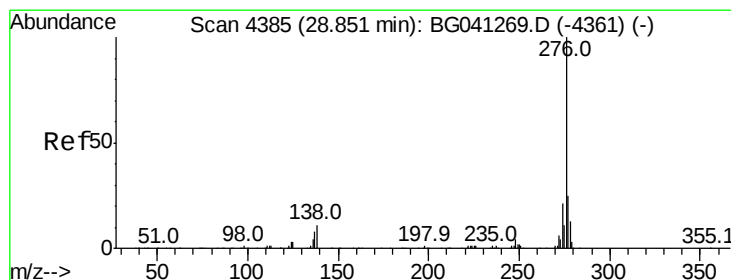
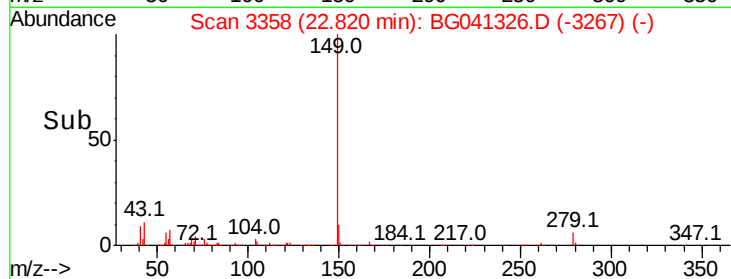
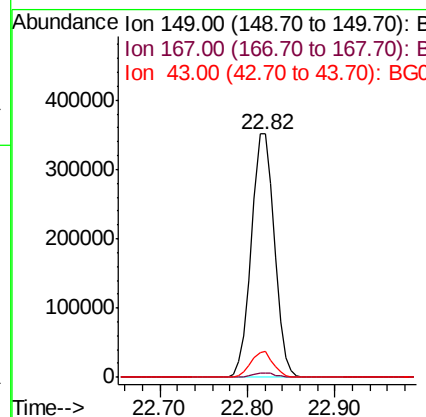
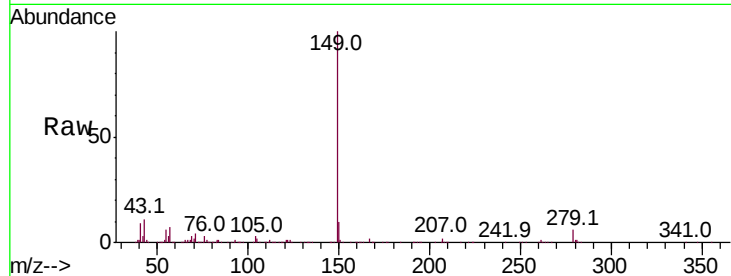
#85
Di-n-octyl phthalate
Concen: 37.295 ng
RT: 22.82 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	622646		
167	1.9		1.4	2.0
43	10.1		8.2	12.2

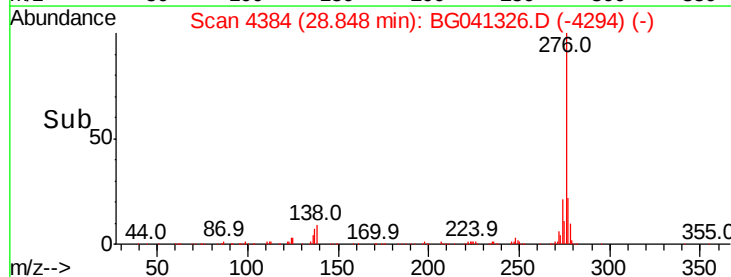
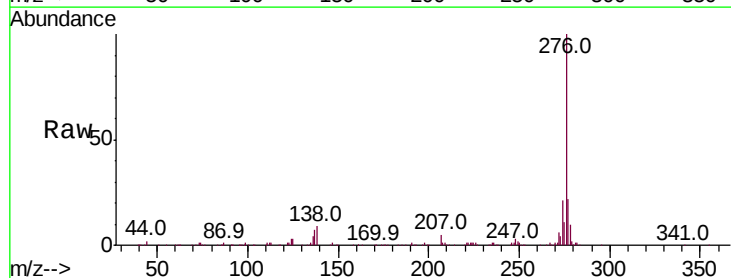
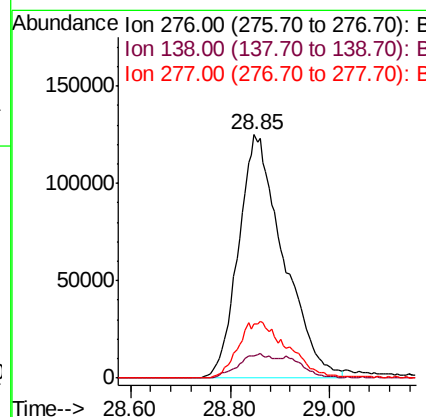
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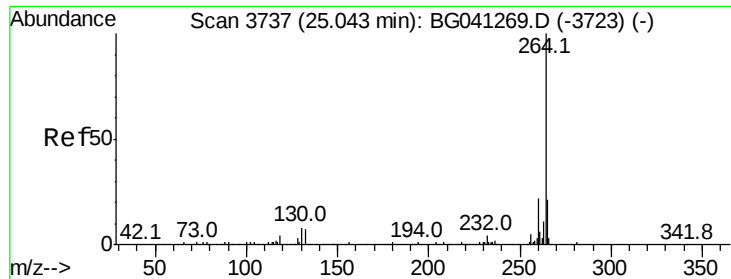
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.628 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	781297		
138	8.3		7.7	11.5
277	25.7		20.6	31.0





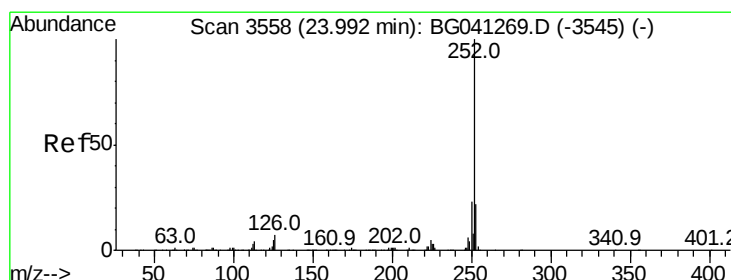
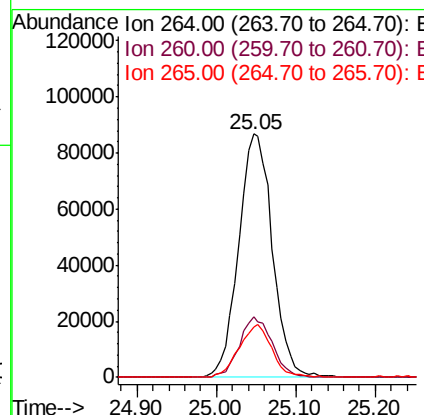
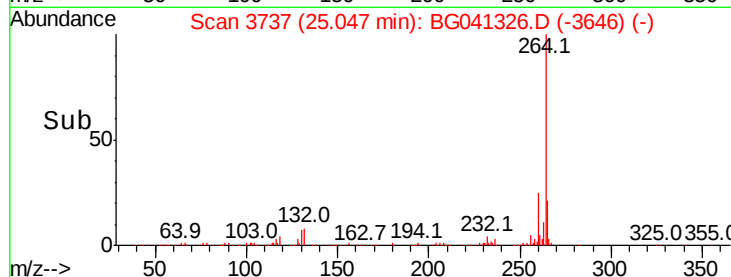
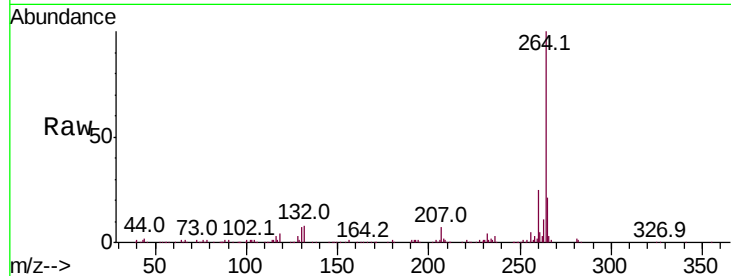
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.2
265	20.6	17.2	25.8

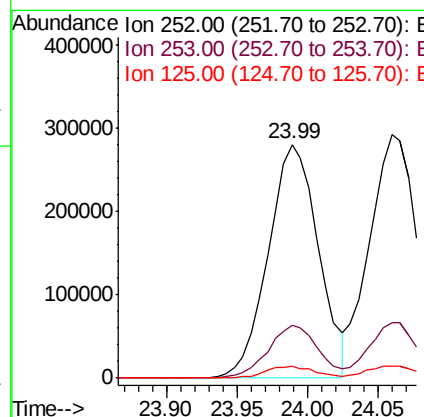
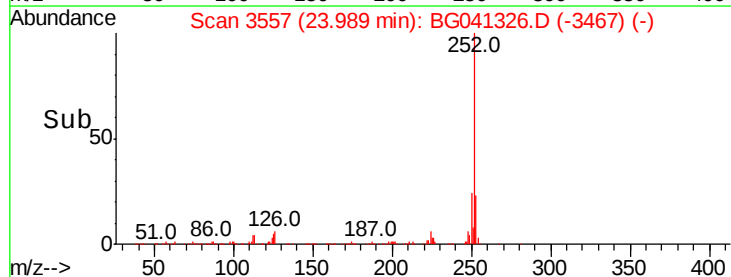
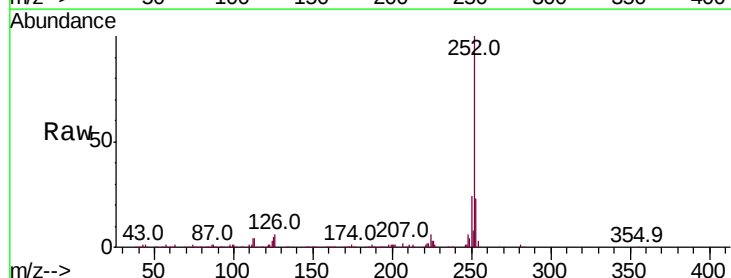
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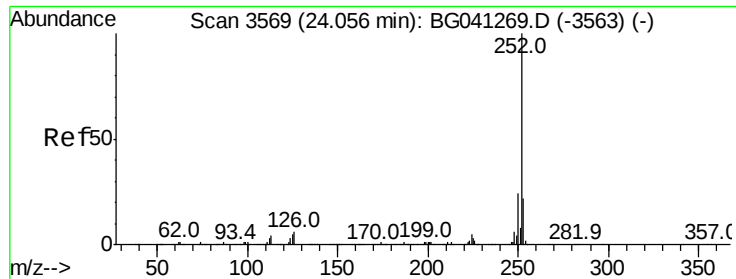
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.097 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	5.2	3.9	5.9





#89

Benzo(k)fluoranthene

Concen: 44.036 ng

RT: 24.06 min Scan# 3569

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

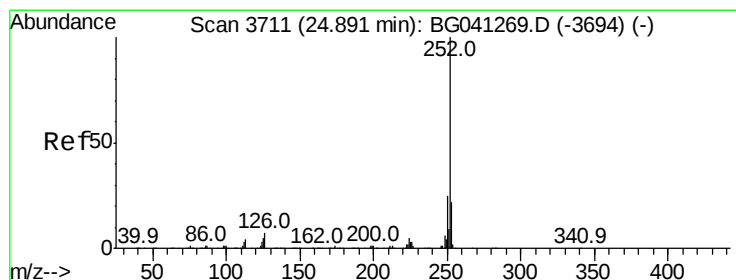
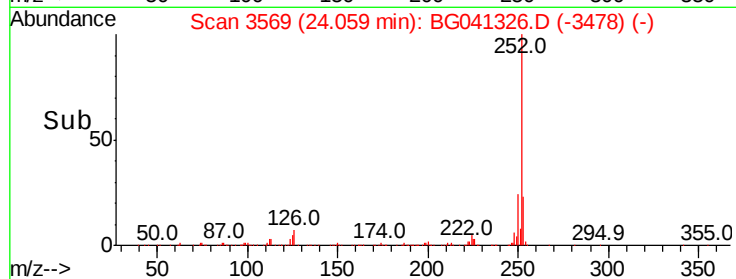
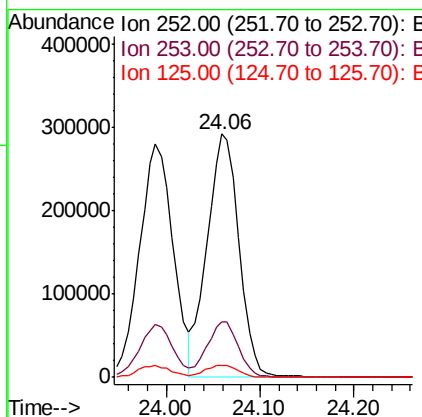
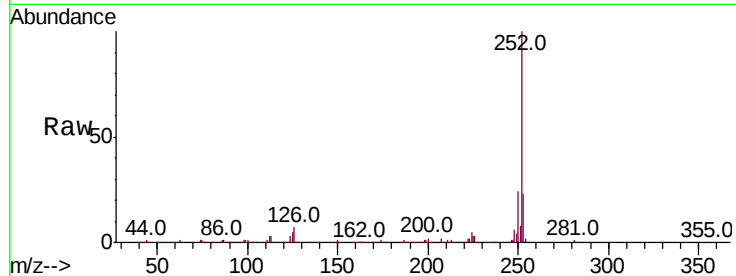
ClientSampleId :

PB120729BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	4.9	4.3	6.5

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#90

Benzo(a)pyrene

Concen: 45.757 ng

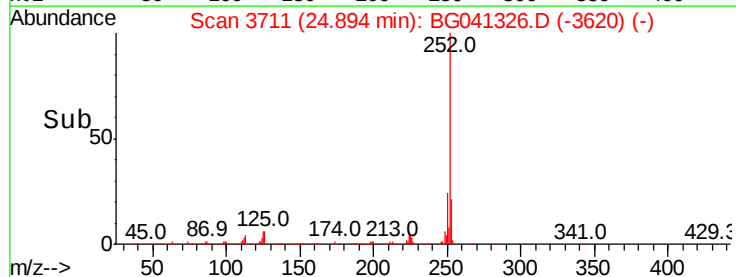
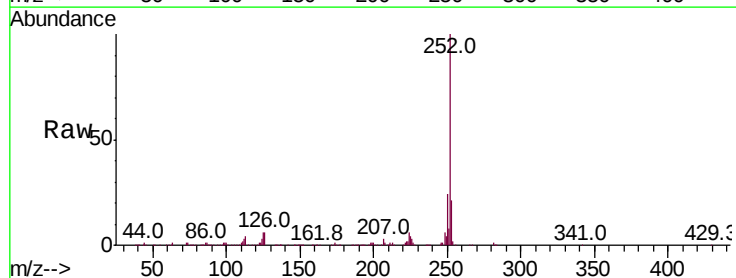
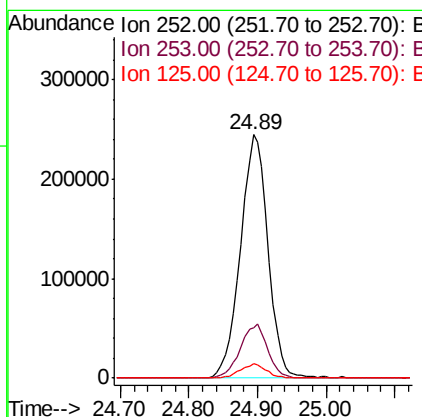
RT: 24.89 min Scan# 3711

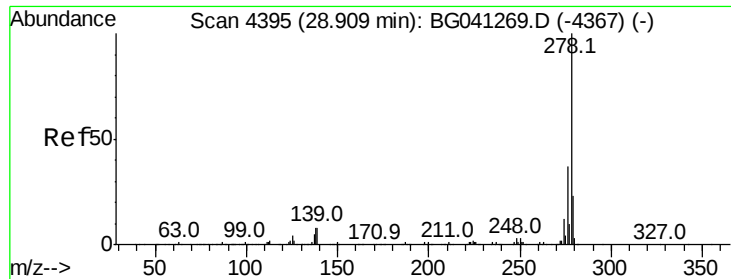
Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	5.9	4.2	6.4





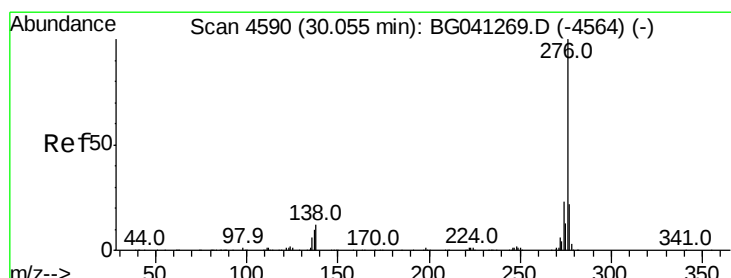
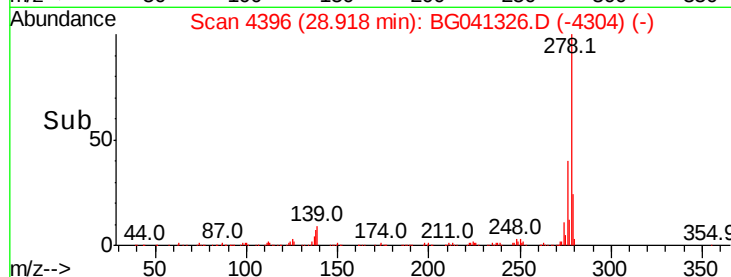
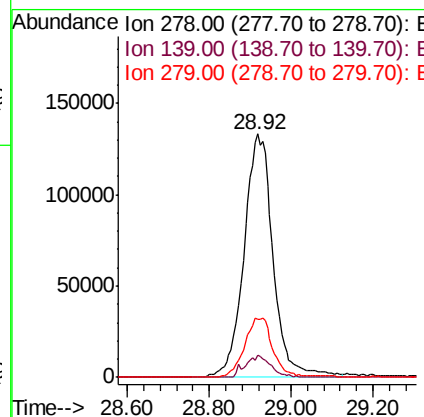
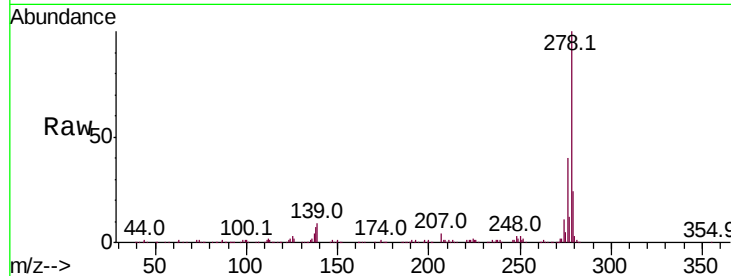
#91
Dibenzo(a,h)anthracene
Concen: 43.659 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	6.6	10.0
279	23.8	18.5	27.7

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:31 PM



#92
Benzo(g,h,i)perylene
Concen: 42.402 ng
RT: 30.06 min Scan# 4591
Delta R.T. 0.01 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	10.0	9.4	14.0

