

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040293.D
 Acq On : 2 Apr 2019 10:27
 Operator : JU/SJ
 Sample : K1689-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Manual Integrations
 APPROVED

Sohil
 4/2/2019 4:00:38 PM

Quant Time: Apr 02 11:24:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 28 05:47:00 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59385	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	258004	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	178070	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	433088	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	415144	20.00	ng	-0.02
87) Perylene-d12	25.07	264	421017	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	475943	133.23	ng	-0.01
7) Phenol-d6	7.21	99	635097	128.64	ng	-0.01
23) Nitrobenzene-d5	9.23	82	449567	92.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	317943	165.21	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1067400	88.82	ng	-0.02
79) Terphenyl-d14	20.03	244	1654515	89.66	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	58091	34.584	ng	# 25
3) Pyridine	3.92	79	153600	33.963	ng	99
4) n-Nitrosodimethylamine	3.83	42	79263	37.889	ng	# 83
6) Aniline	7.38	93	72310	11.274	ng	96
8) 2-Chlorophenol	7.62	128	192705	46.084	ng	97
9) Benzaldehyde	7.20	77	136456	40.295	ng	98
10) Phenol	7.24	94	220580	41.164	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	189144	44.070	ng	97
12) 1,3-Dichlorobenzene	7.94	146	189219	41.626	ng	96
13) 1,4-Dichlorobenzene	8.09	146	194629	42.989	ng	98
14) 1,2-Dichlorobenzene	8.41	146	185028	42.736	ng	98
15) Benzyl Alcohol	8.29	79	183184	46.074	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	346276	42.039	ng	98
17) 2-Methylphenol	8.49	107	178872	48.240	ng	98
18) Hexachloroethane	9.13	117	70097	40.704	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	159943	45.187	ng	98
20) 3+4-Methylphenols	8.82	107	250063	49.781	ng	97
22) Acetophenone	8.89	105	310674	48.272	ng	# 96
24) Nitrobenzene	9.28	77	228768	45.513	ng	98
25) Isophorone	9.79	82	473035	47.363	ng	99
26) 2-Nitrophenol	9.98	139	113922	47.832	ng	95
27) 2,4-Dimethylphenol	10.03	122	215063	56.847	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	280808	47.524	ng	99
29) 2,4-Dichlorophenol	10.51	162	219675	53.496	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	210182	46.614	ng	97
31) Naphthalene	10.92	128	631723	47.769	ng	99
32) Benzoic acid	10.14	122	26229	11.475	ng	90
33) 4-Chloroaniline	11.04	127	15061	2.670	ng	95
34) Hexachlorobutadiene	11.18	225	125866	43.647	ng	96
35) Caprolactam	11.82	113	62684m	38.466	ng	
36) 4-Chloro-3-methylphenol	12.14	107	257149	54.471	ng	100
37) 2-Methylnaphthalene	12.52	142	491844	50.287	ng	99
38) 1-Methylnaphthalene	12.74	142	472724	49.843	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	253088	44.718	ng	99

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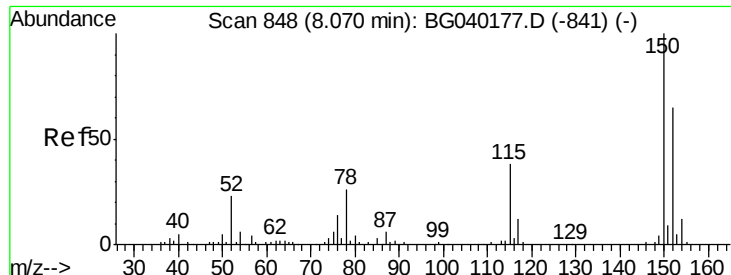
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	256177	82.436	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	191737	52.545	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	207576	52.190	ng	97
46) 1,1'-Biphenyl	13.52	154	649034	46.129	ng	99
47) 2-Chloronaphthalene	13.57	162	504632	46.758	ng	99
48) 2-Nitroaniline	13.78	65	178696	49.087	ng	97
49) Acenaphthylene	14.41	152	853812	46.660	ng	100
50) Dimethylphthalate	14.14	163	682454	48.969	ng	100
51) 2,6-Dinitrotoluene	14.27	165	158038	50.504	ng	95
52) Acenaphthene	14.75	154	509374	48.580	ng	98
53) 3-Nitroaniline	14.60	138	24492	7.394	ng	97
54) 2,4-Dinitrophenol	14.80	184	35322	21.225	ng	94
55) Dibenzofuran	15.08	168	826795	49.073	ng	99
56) 4-Nitrophenol	14.91	139	210092	78.587	ng	92
57) 2,4-Dinitrotoluene	15.05	165	226738	52.146	ng	100
58) Fluorene	15.73	166	654826	49.434	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	203204	56.302	ng	98
60) Diethylphthalate	15.49	149	714204	50.081	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	359436	50.763	ng	98
62) 4-Nitroaniline	15.77	138	167151	47.022	ng	98
63) Azobenzene	16.01	77	650713	48.373	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	47577	19.554	ng	89
66) n-Nitrosodiphenylamine	15.94	169	628624	49.602	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	242811	49.820	ng	98
68) Hexachlorobenzene	16.73	284	247228	50.451	ng	98
69) Atrazine	16.88	200	230923	48.983	ng	98
70) Pentachlorophenol	17.08	266	137494	48.532	ng	98
71) Phenanthrene	17.48	178	1114710	48.968	ng	99
72) Anthracene	17.57	178	1125829	49.411	ng	98
73) Carbazole	17.84	167	1049100	48.652	ng	99
74) Di-n-butylphthalate	18.37	149	1210109	47.344	ng	98
75) Fluoranthene	19.48	202	1299293	48.202	ng	99
77) Benzidine	19.67	184	103989	6.937	ng	96
78) Pyrene	19.85	202	1298831	47.576	ng	99
80) Butylbenzylphthalate	20.71	149	565975	48.448	ng	98
81) Benzo(a)anthracene	21.69	228	1198303	46.862	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	105550	10.851	ng	99
83) Chrysene	21.77	228	1192883	48.541	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	788952	47.244	ng	100
85) Di-n-octyl phthalate	22.81	149	1360797	47.828	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1515986m	50.437	ng	
88) Benzo(b)fluoranthene	23.97	252	1309715	50.811	ng	98
89) Benzo(k)fluoranthene	24.06	252	1270489	53.598	ng	98
90) Benzo(a)pyrene	24.91	252	1270191	52.520	ng	99
91) Dibenzo(a,h)anthracene	29.01	278	1245744m	55.460	ng	
92) Benzo(g,h,i)perylene	30.28	276	1257675m	54.482	ng	

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



#1

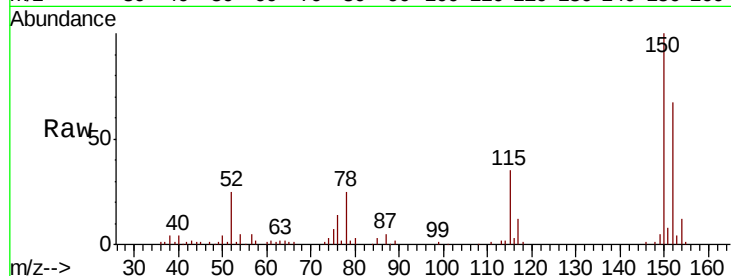
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
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NB-08-032919-AMSD

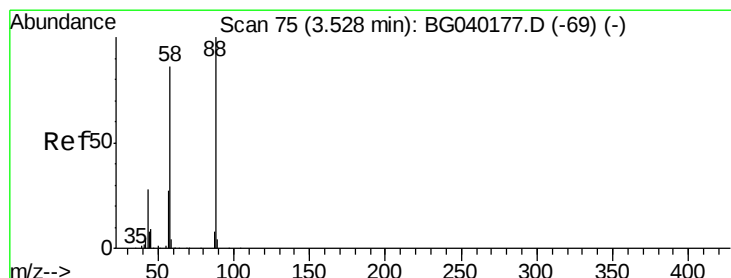
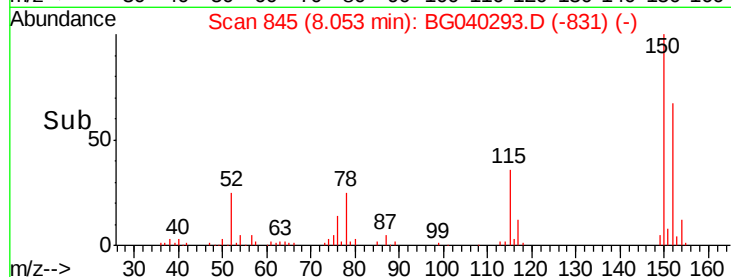
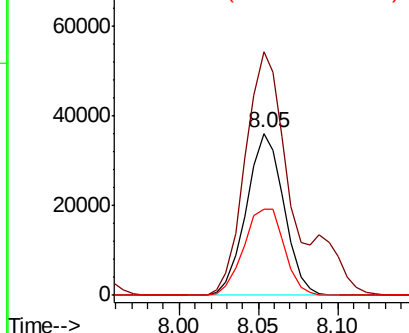
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.7	185.5
115	53.1	46.9	70.3

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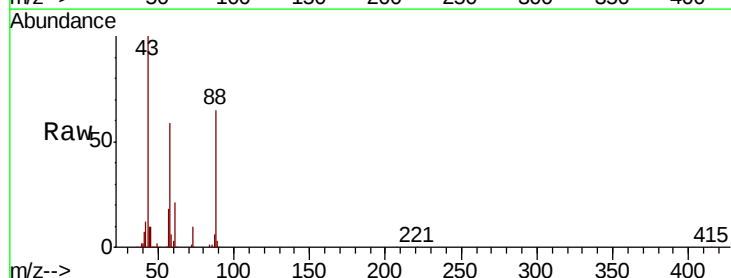
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



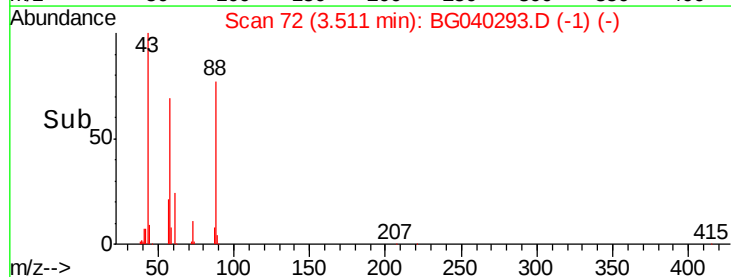
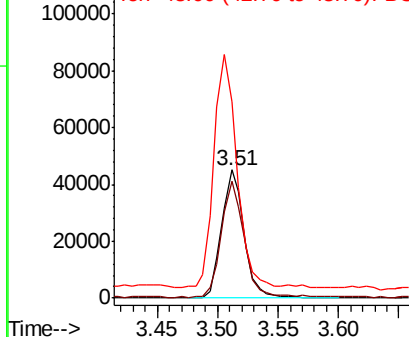
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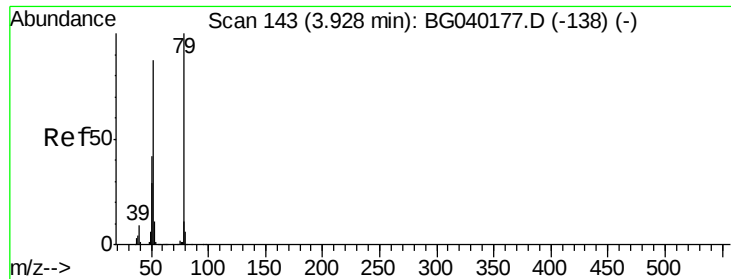
1,4-Dioxane
Concen: 34.584 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	70.6	106.0
43	185.2	24.8	37.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.963 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

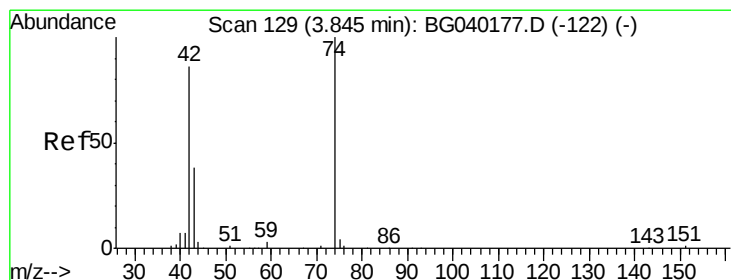
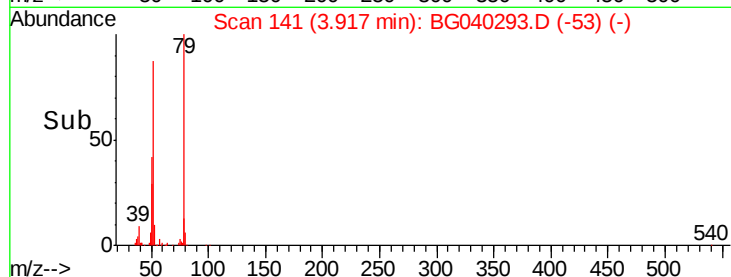
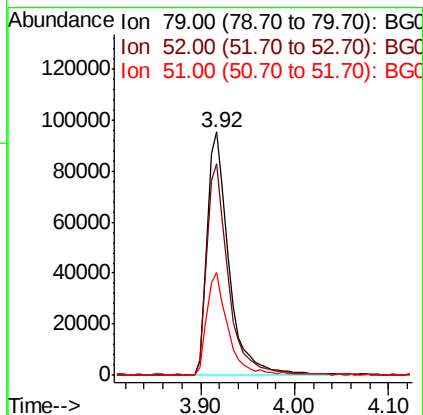
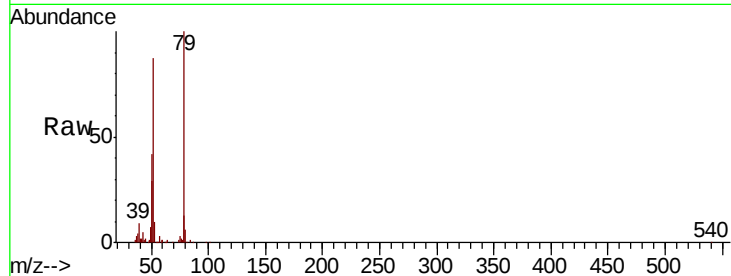
ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:	79	Resp:	153600
Ion	Ratio	Lower	Upper
79	100		
52	86.7	69.8	104.8
51	42.1	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 37.889 ng

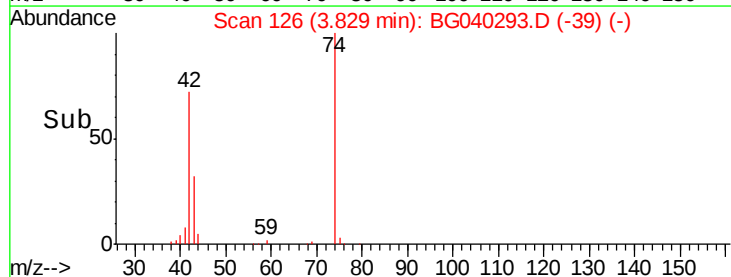
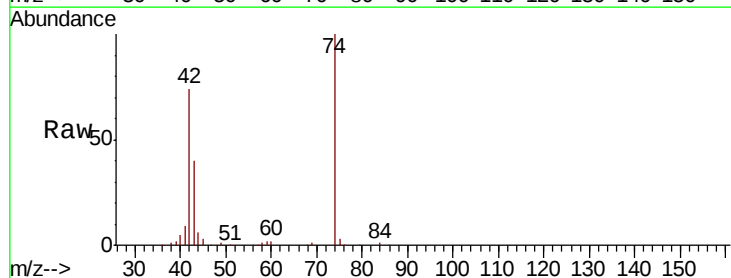
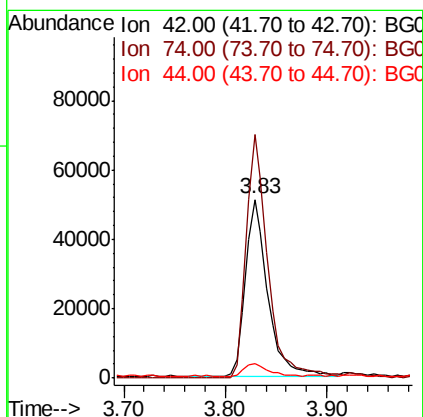
RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	42	Resp:	79263
Ion	Ratio	Lower	Upper
42	100		
74	136.0	92.9	139.3
44	8.4	9.7	14.5#





#5

2-Fluorophenol

Concen: 133.235 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

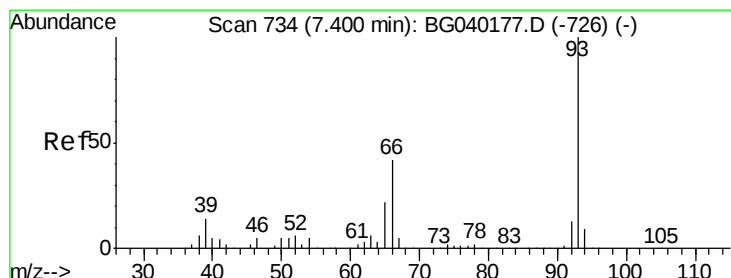
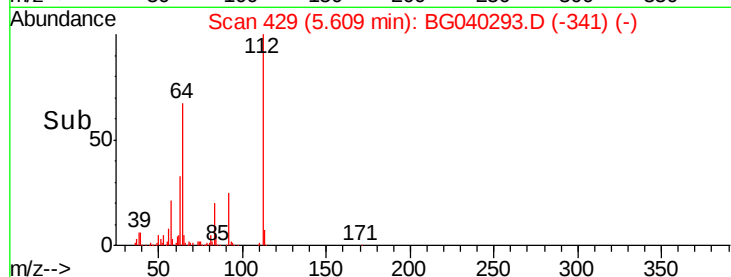
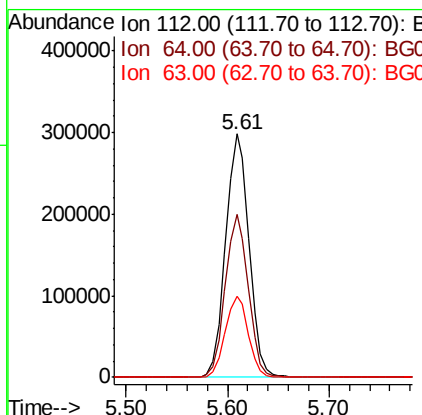
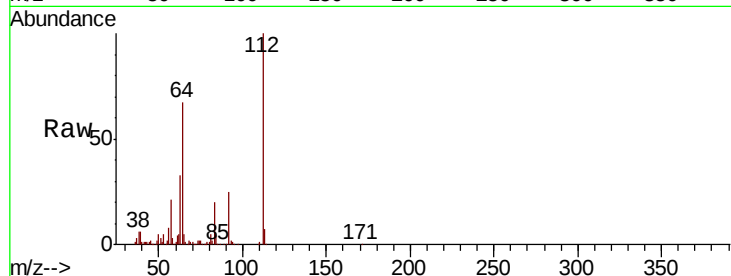
ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:	112	Resp:	475943
Ion Ratio	Lower	Upper	
112	100		
64	67.0	54.2	81.2
63	33.2	26.4	39.6

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#6

Aniline

Concen: 11.274 ng

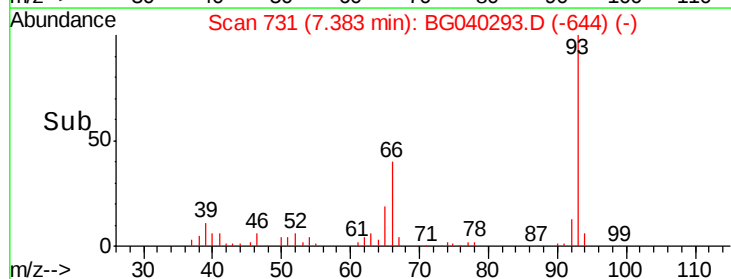
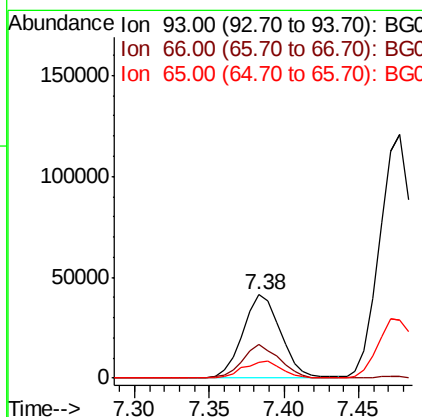
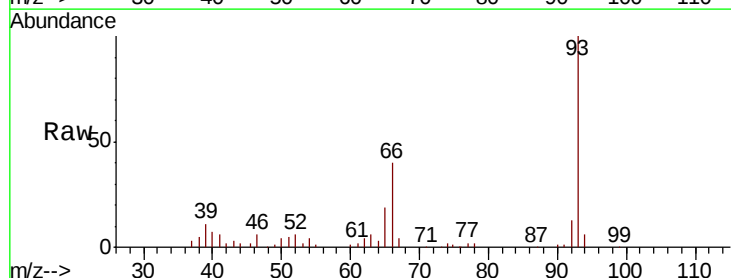
RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	93	Resp:	72310
Ion Ratio	Lower	Upper	
93	100		
66	40.2	33.6	50.4
65	19.0	17.4	26.2





#7

Phenol-d6

Concen: 128.644 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

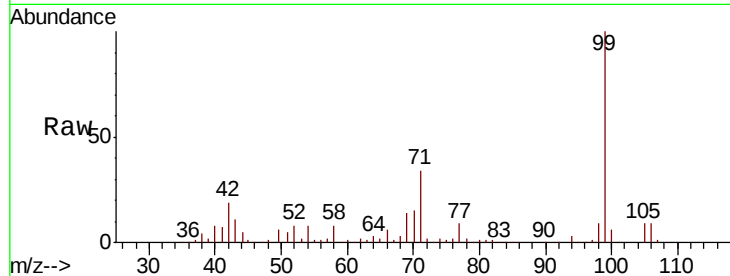
ClientSampleId :

NB-08-032919-AMSD

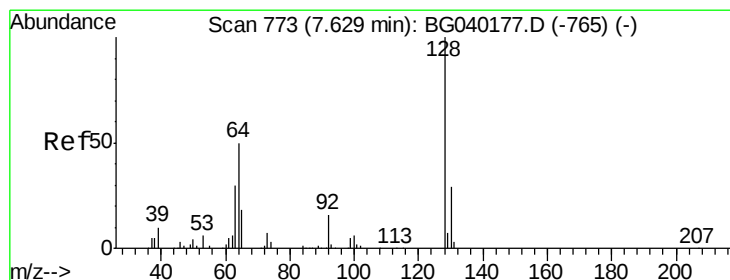
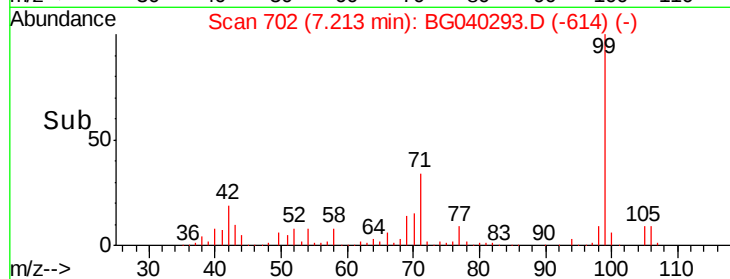
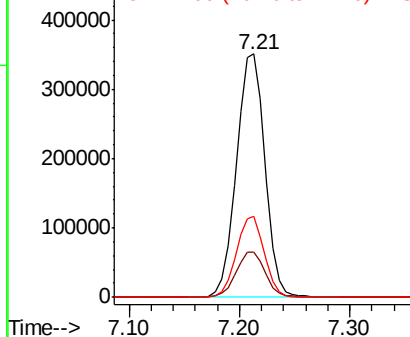
Tgt Ion:	99	Resp:	635097
Ion Ratio	Lower	Upper	
99	100		
42	18.8	16.2	24.2
71	33.6	26.8	40.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.084 ng

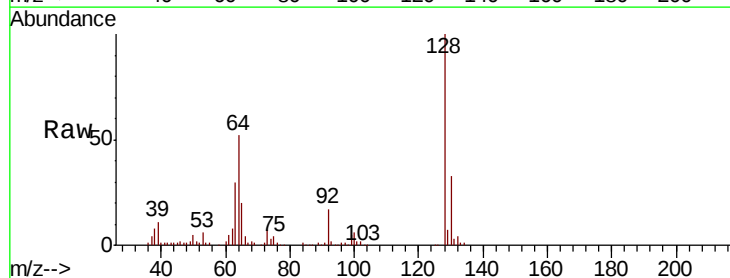
RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

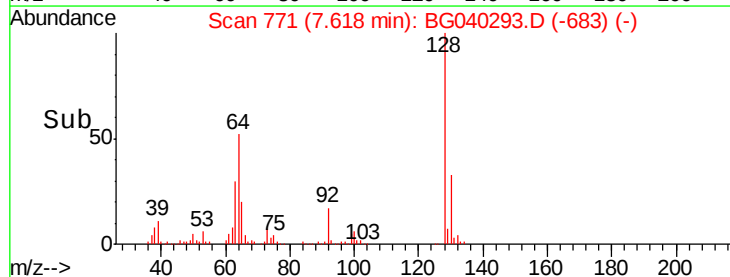
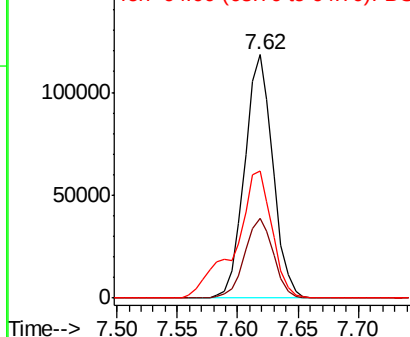
Lab File: BG040293.D

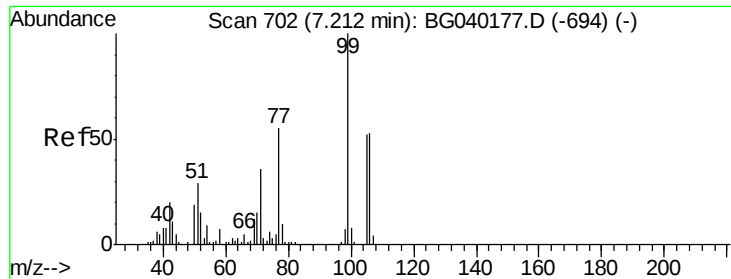
Acq: 2 Apr 2019 10:27

Tgt Ion:	128	Resp:	192705
Ion Ratio	Lower	Upper	
128	100		
130	32.7	9.1	49.1
64	52.3	33.1	73.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.295 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

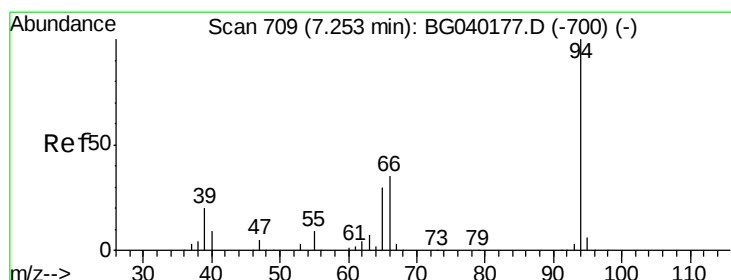
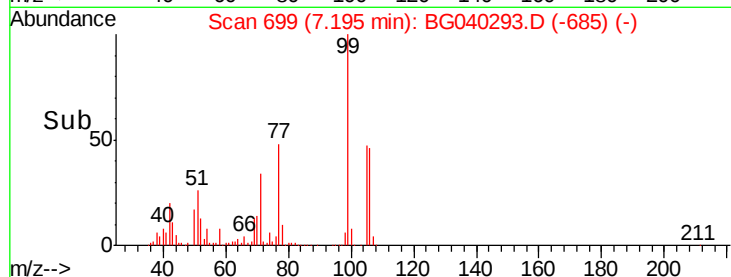
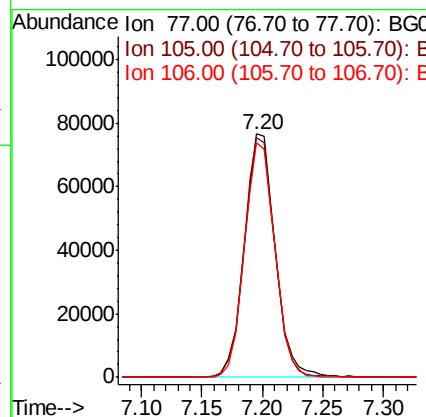
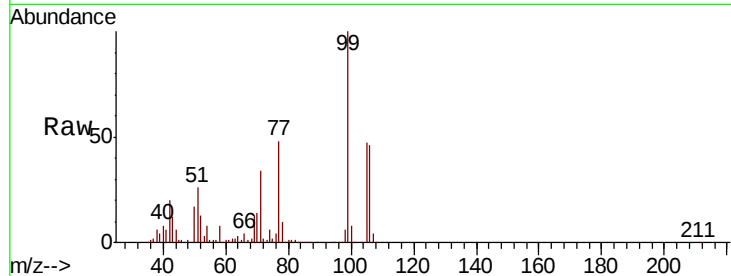
ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:	77	Resp:	136456
Ion Ratio	Lower	Upper	
77	100		
105	98.4	75.0	115.0
106	96.5	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 41.164 ng

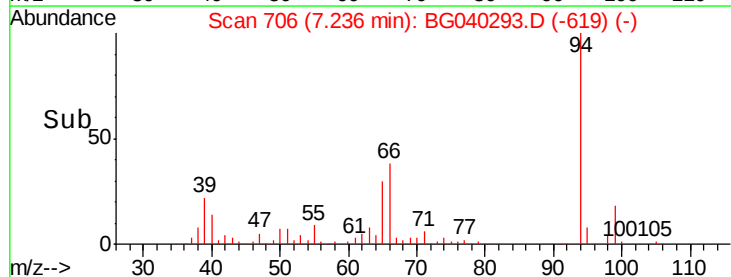
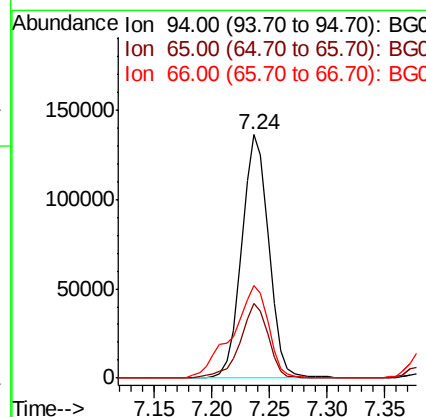
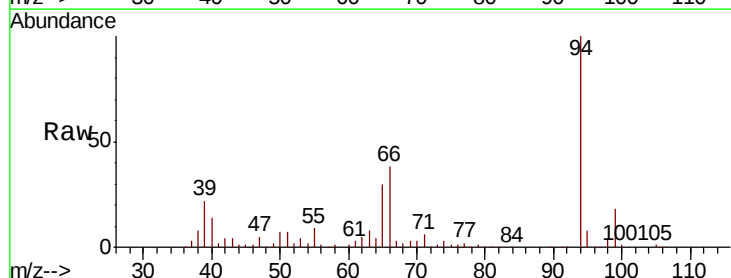
RT: 7.24 min Scan# 706

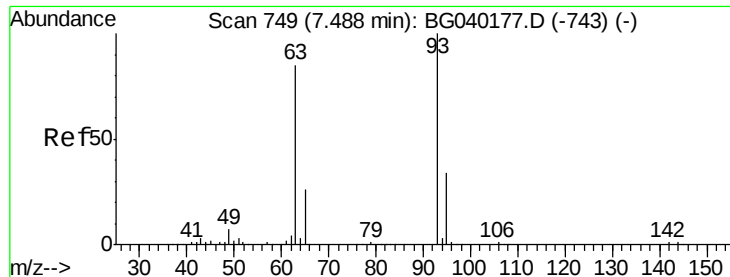
Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	94	Resp:	220580
Ion Ratio	Lower	Upper	
94	100		
65	30.5	10.5	50.5
66	37.8	16.9	56.9





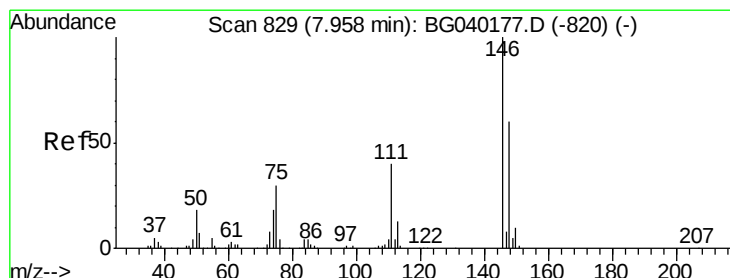
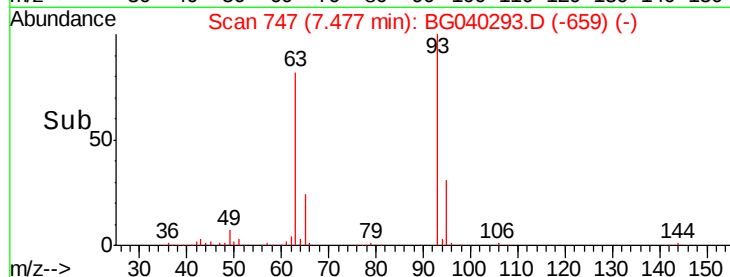
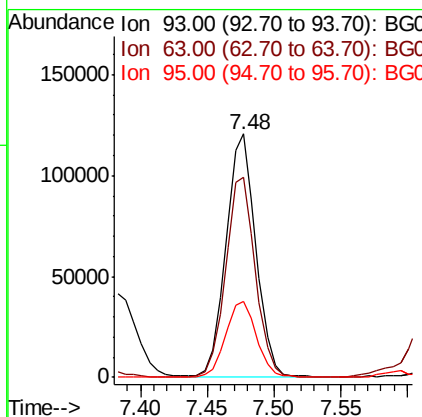
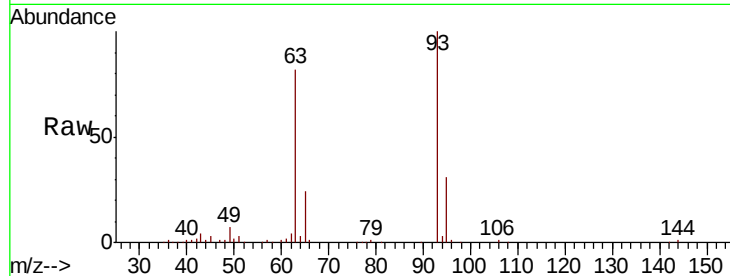
#11
bis(2-Chloroethyl)ether
Concen: 44.070 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189144		
63	82.1	64.2	104.2	
95	31.2	14.0	54.0	

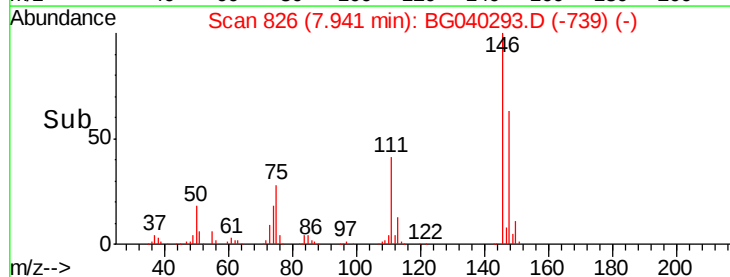
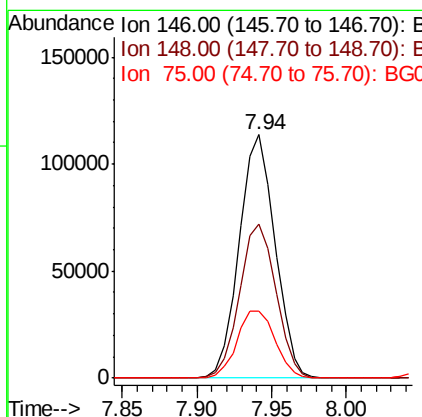
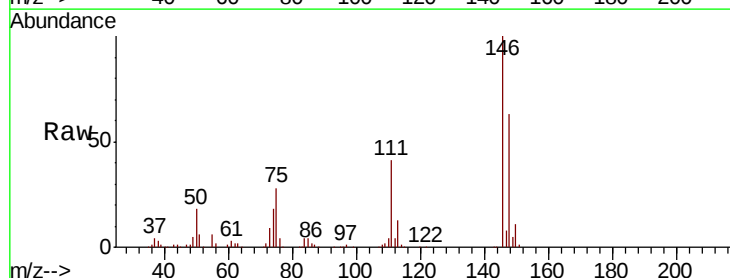
Manual Integrations
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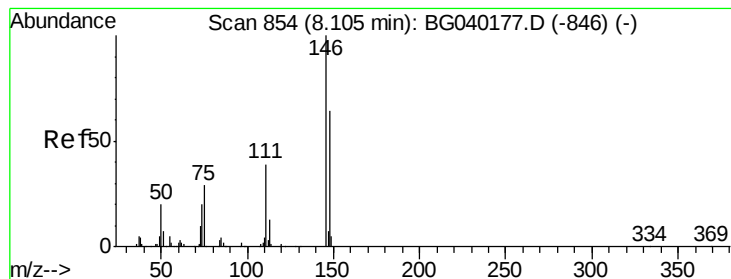
Sohil
4/2/2019 4:00:38 PM



#12
1,3-Dichlorobenzene
Concen: 41.626 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189219		
148	63.5	48.2	72.2	
75	27.7	24.1	36.1	





#13

1,4-Dichlorobenzene

Concen: 42.989 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

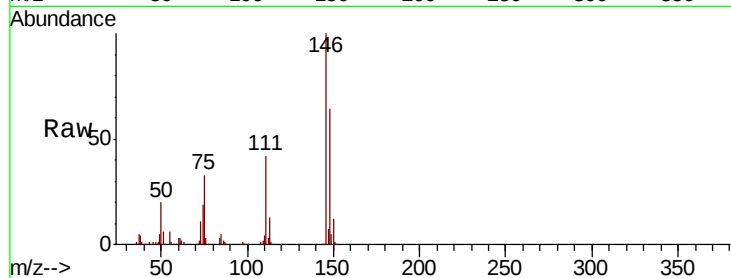
ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:	146	Resp:	194629
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.0	76.4
111	41.9	31.8	47.6

Manual Integrations
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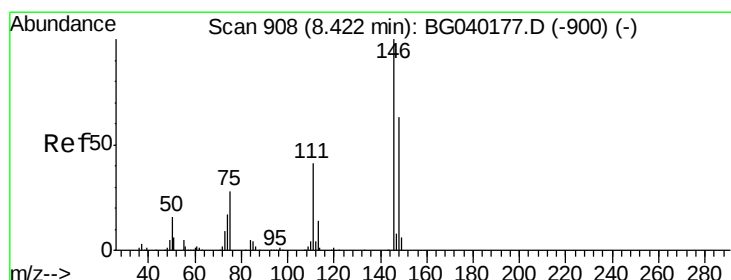
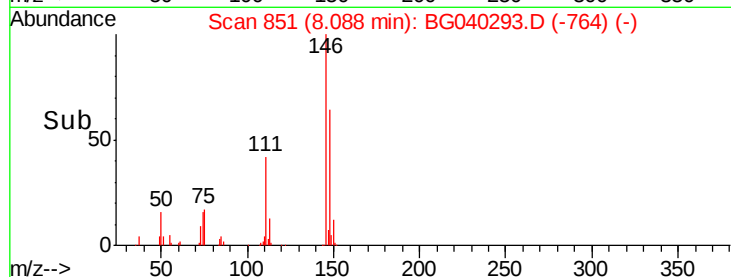
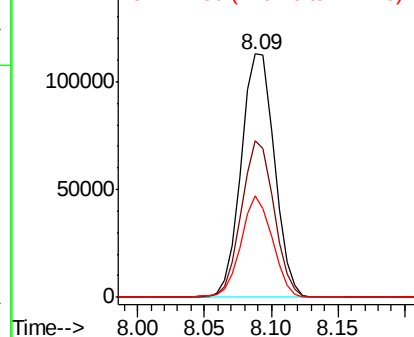


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.736 ng

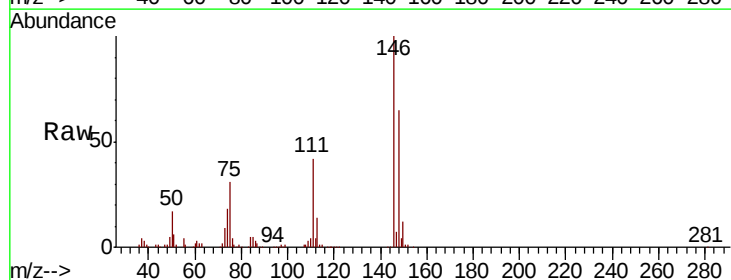
RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	146	Resp:	185028
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.8	76.2
111	42.4	33.4	50.0

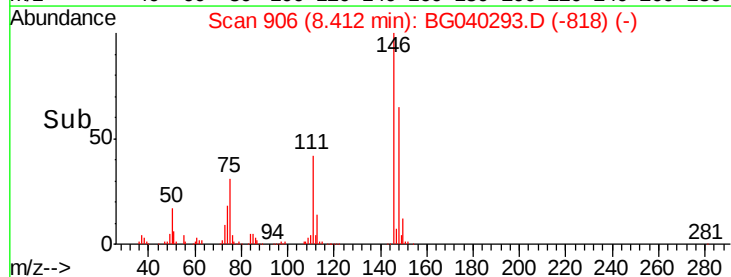
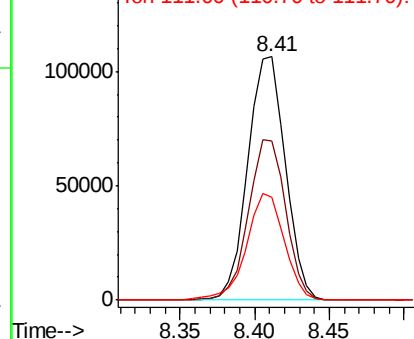


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.074 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

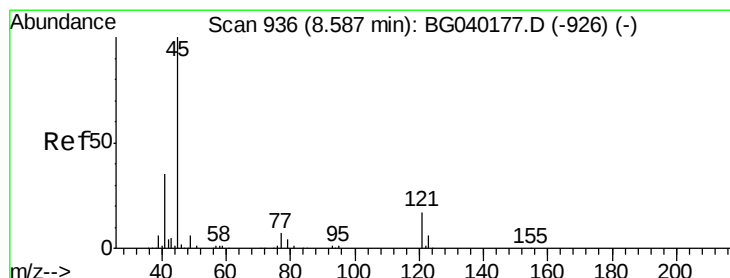
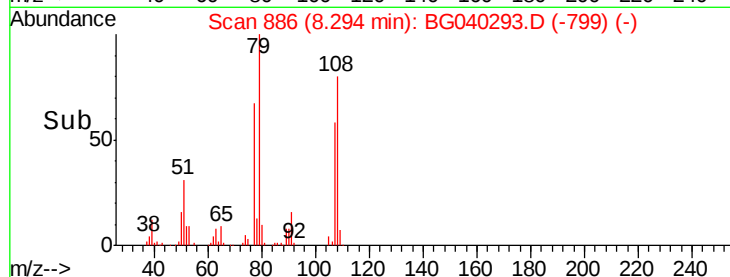
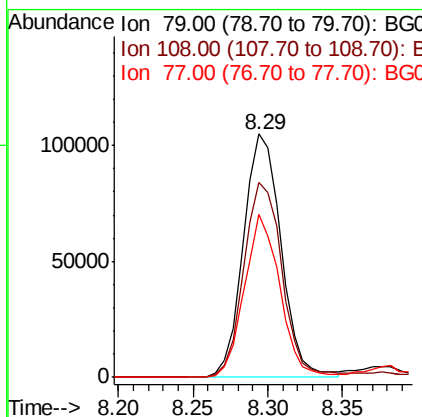
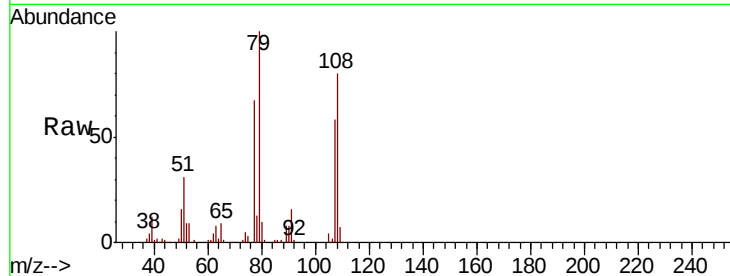
ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:	79	Resp:	183184
Ion Ratio	Lower	Upper	
79	100		
108	79.9	62.1	93.1
77	67.1	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.039 ng

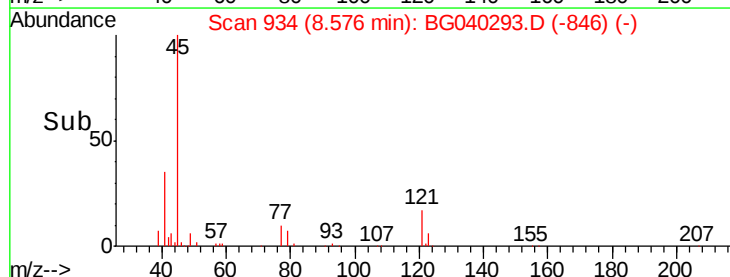
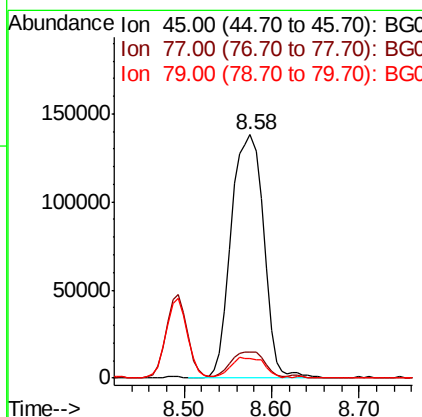
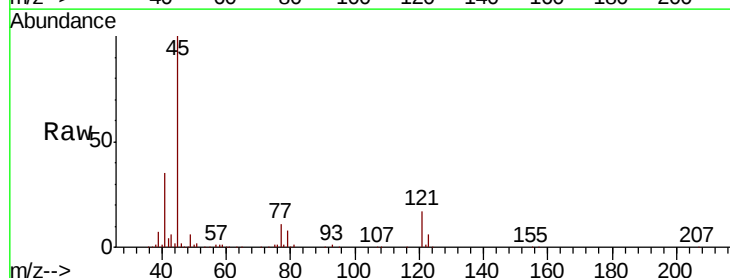
RT: 8.58 min Scan# 934

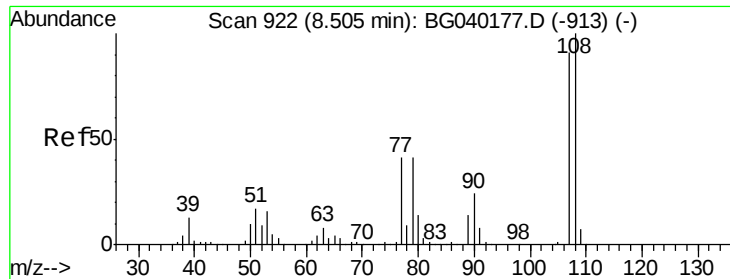
Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	45	Resp:	346276
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	31.4
79	7.8	0.0	28.3





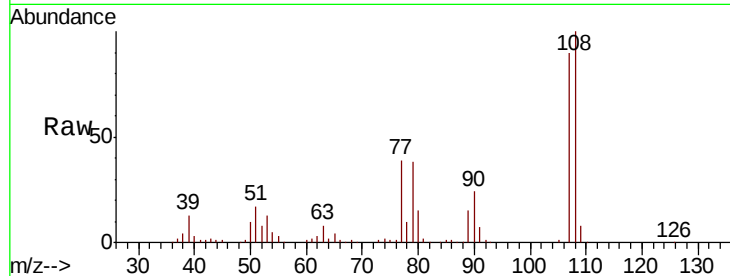
#17
2-Methylphenol
Concen: 48.240 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	178872		
108	110.8	88.2	132.4	
77	43.3	36.6	55.0	
79	41.6	36.5	54.7	

Manual Integrations
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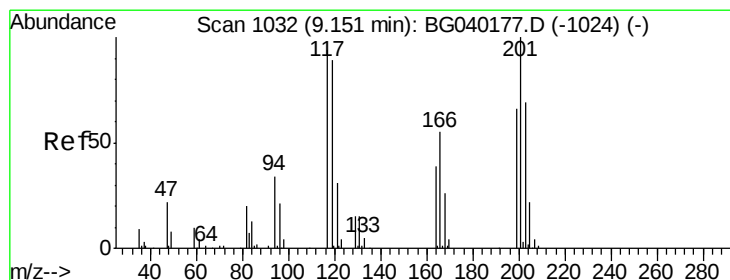
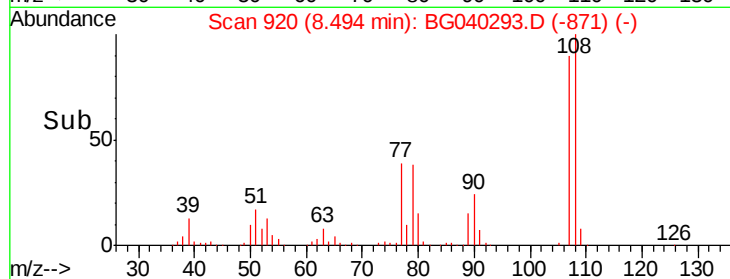
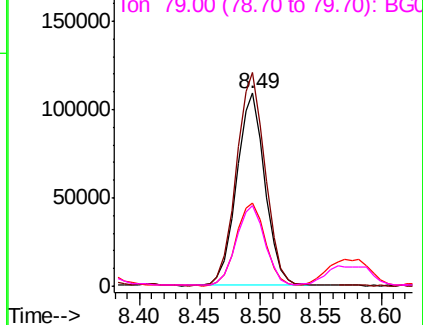
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

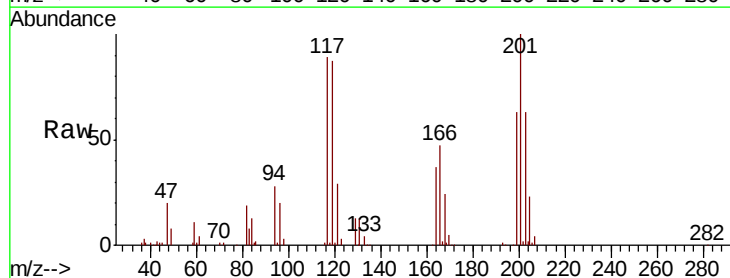
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.704 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70097		
119	97.5	76.6	115.0	
201	112.5	85.0	127.4	

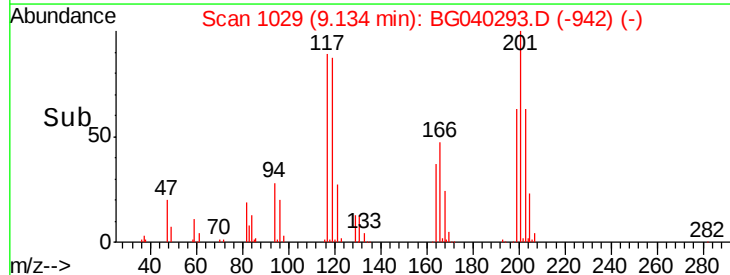
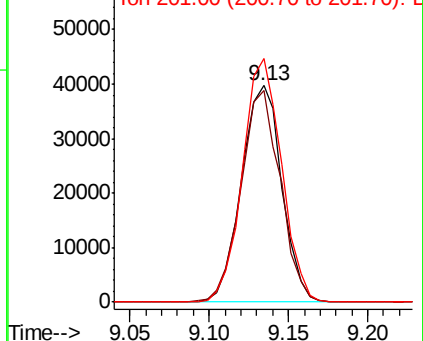


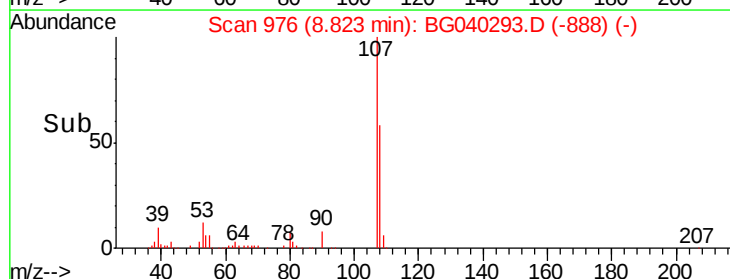
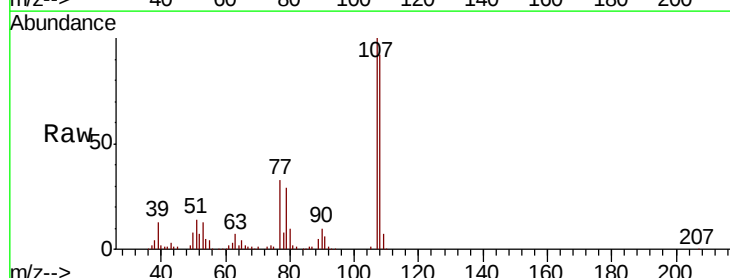
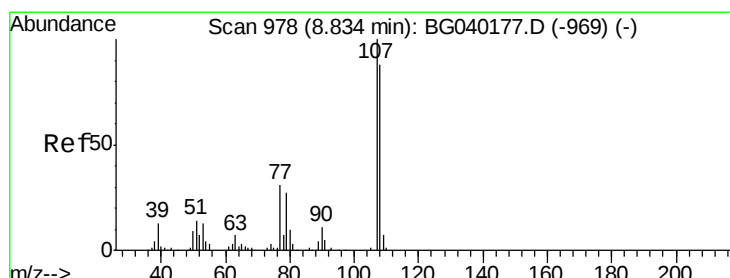
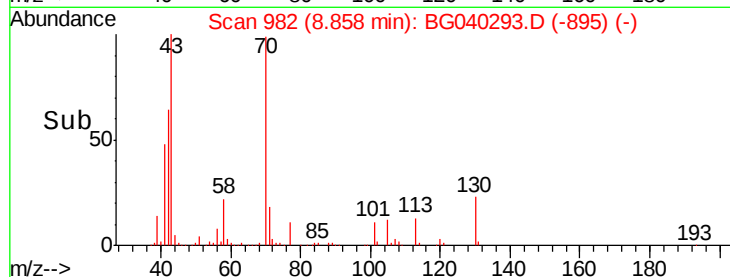
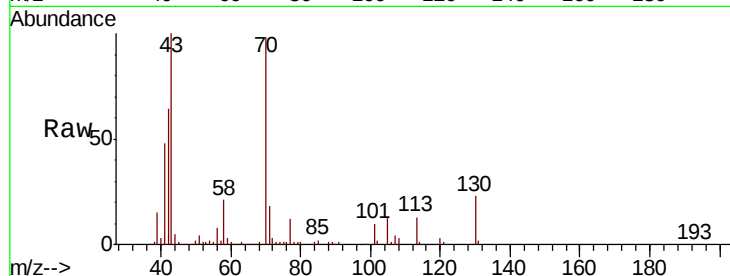
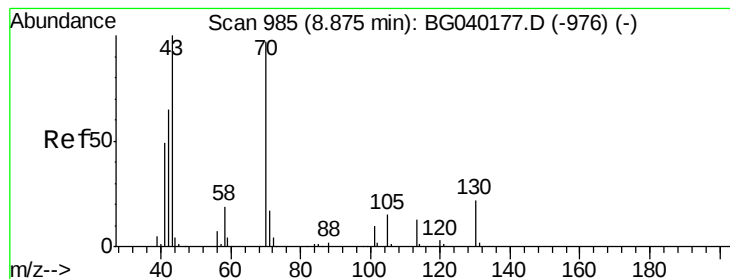
Abundance

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: 45.187 ng

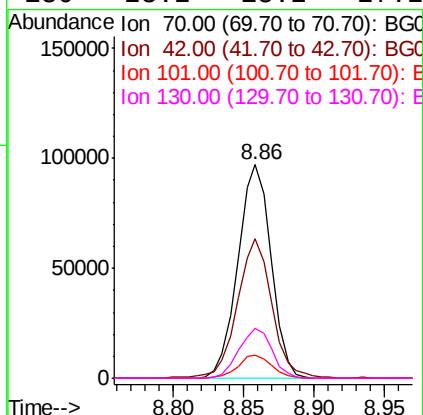
RT: 8.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	70	Resp:	159943
Ion Ratio	Lower	Upper	
70	100		
42	65.1	54.0	81.0
101	10.7	8.6	13.0
130	23.2	18.2	27.2



Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMSD

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4/2/2019 4:00:38 PM

#20

3+4-Methylphenols

Concen: 49.781 ng

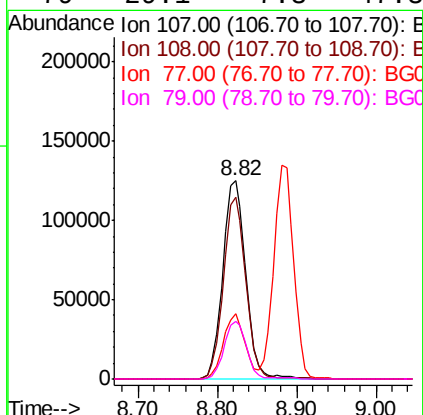
RT: 8.82 min Scan# 976

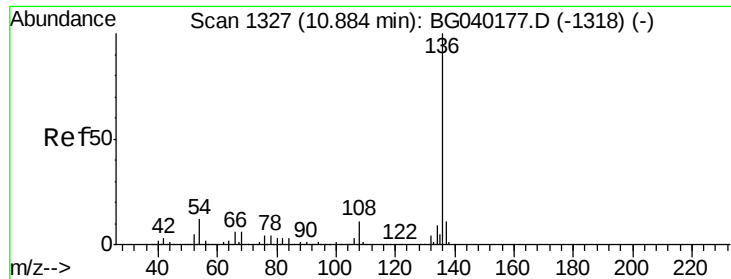
Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	107	Resp:	250063
Ion Ratio	Lower	Upper	
107	100		
108	91.6	68.3	108.3
77	32.8	11.3	51.3
79	29.1	7.3	47.3





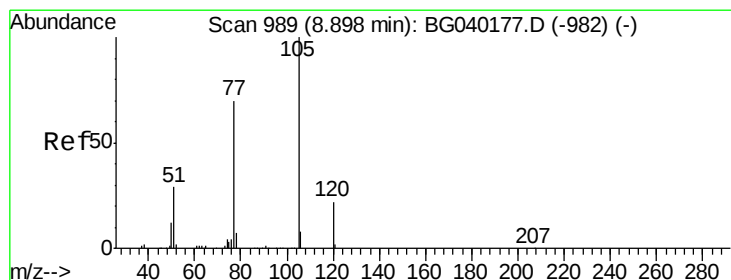
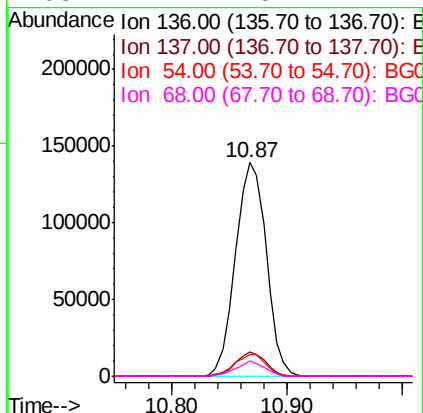
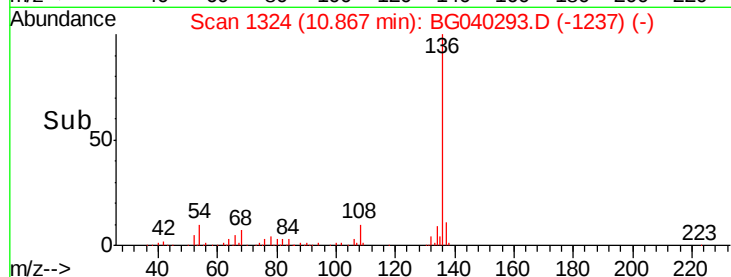
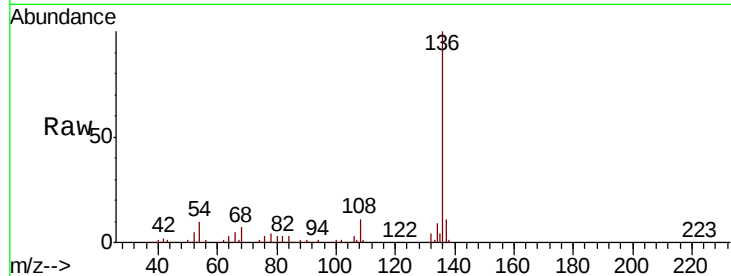
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	258004		
137	11.5	8.9	13.3	
54	10.2	9.6	14.4	
68	7.1	5.1	7.7	

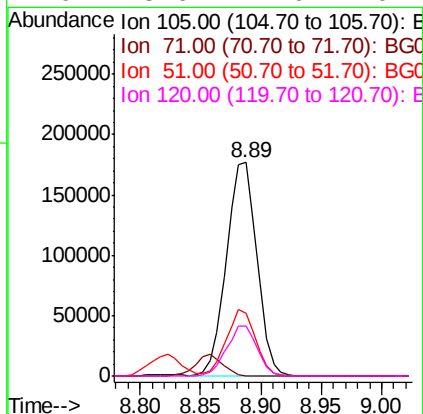
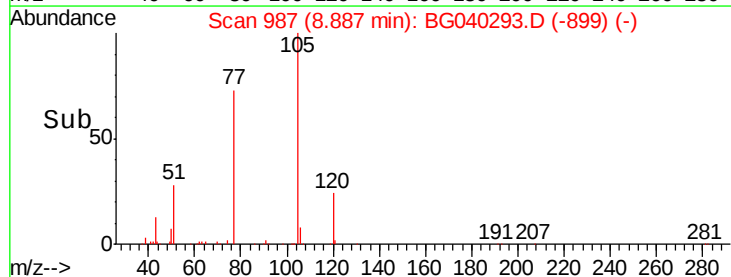
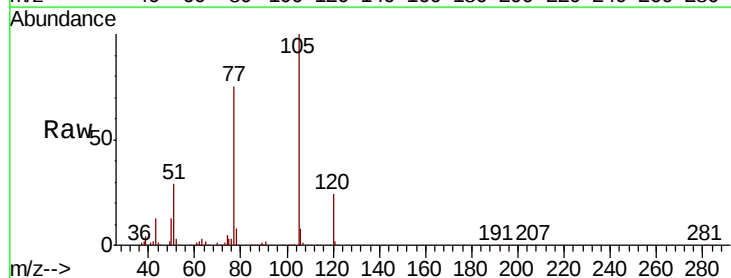
Manual Integrations
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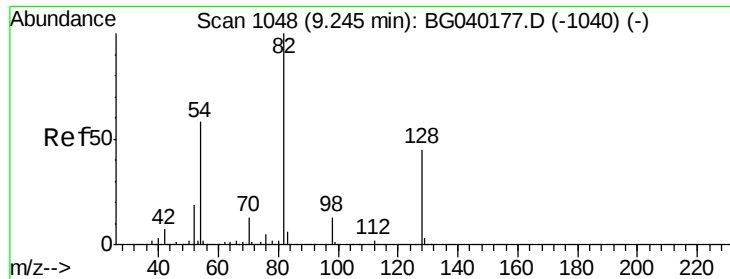
Sohil
4/2/2019 4:00:38 PM



#22
Acetophenone
Concen: 48.272 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	310674		
71	0.2	0.6	1.0#	
51	29.3	25.1	37.7	
120	23.6	17.6	26.4	





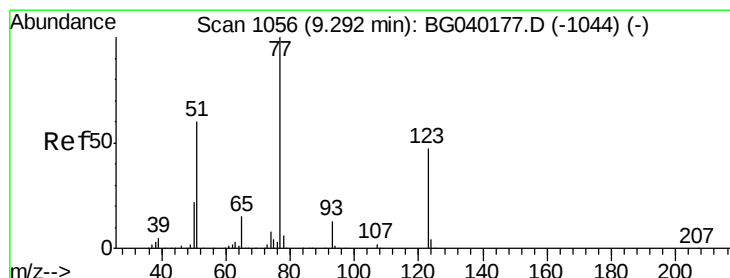
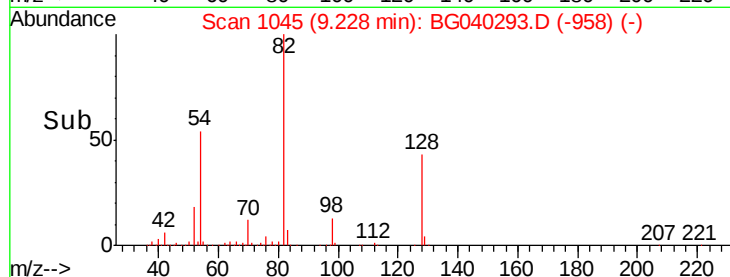
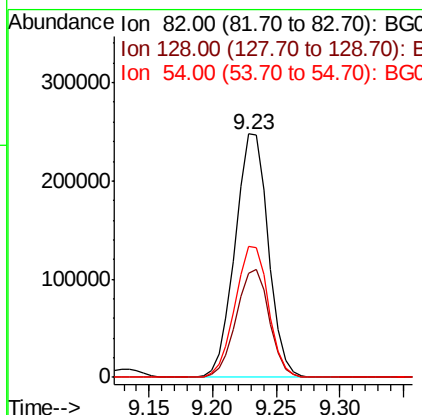
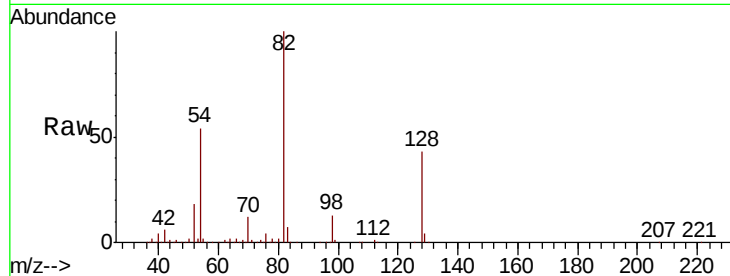
#23
Nitrobenzene-d5
Concen: 92.619 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	449567		
128	42.8	35.8	53.8	
54	53.8	46.2	69.2	

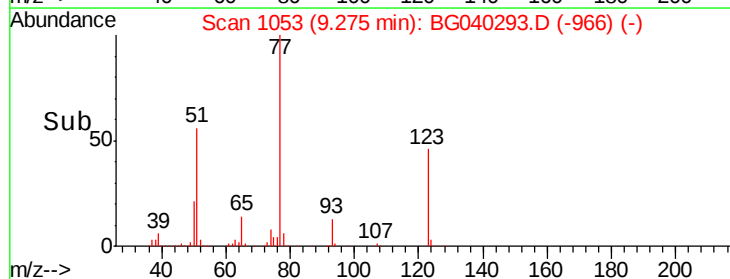
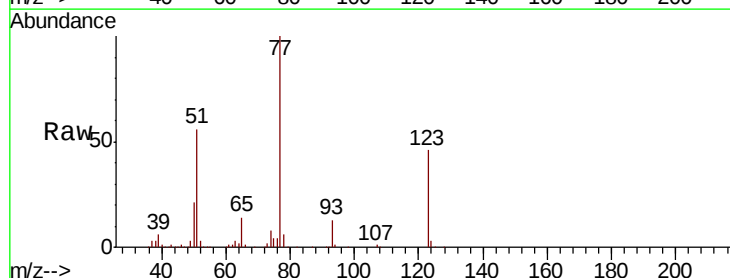
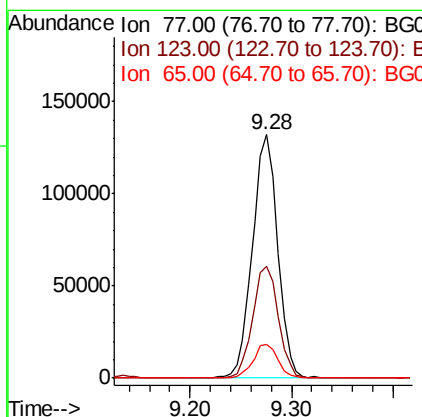
Manual Integrations
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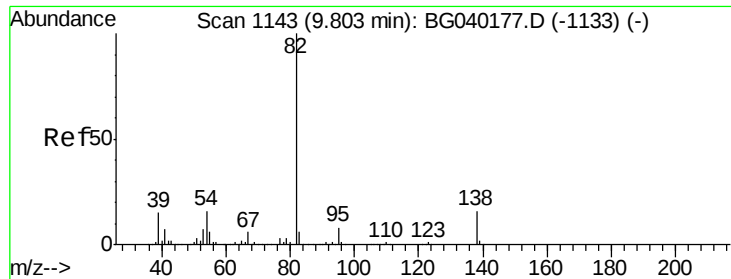
Sohil
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#24
Nitrobenzene
Concen: 45.513 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	228768		
123	46.0	37.8	56.6	
65	14.0	12.0	18.0	





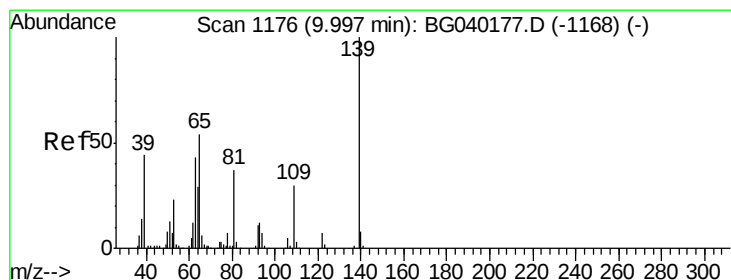
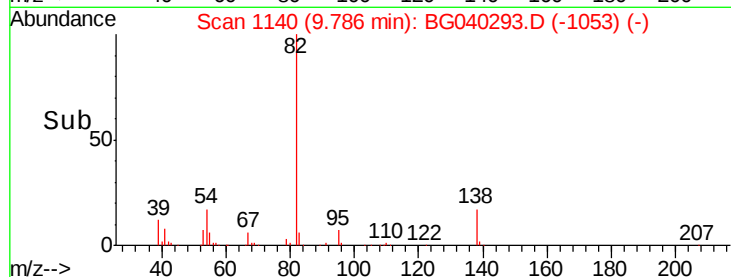
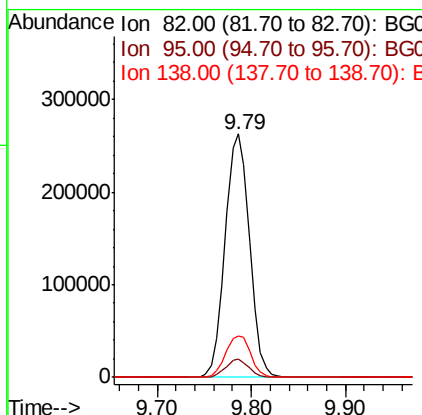
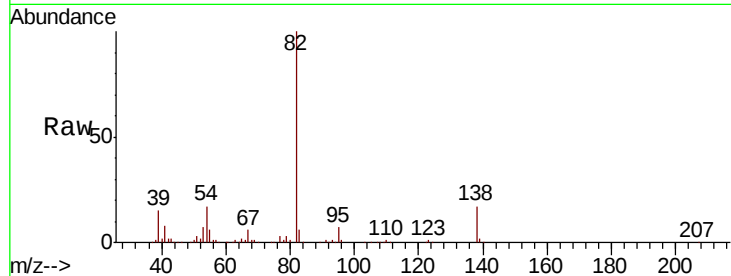
#25
Isophorone
Concen: 47.363 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	473035		
95	7.3	6.1	9.1	
138	17.0	13.2	19.8	

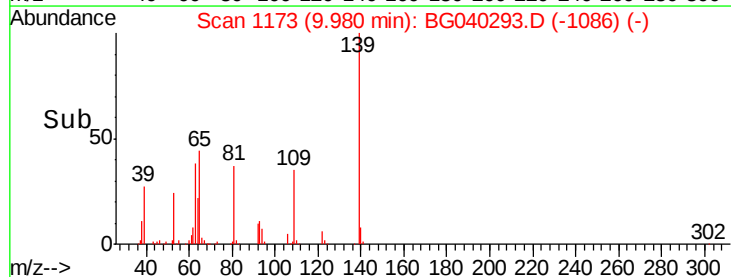
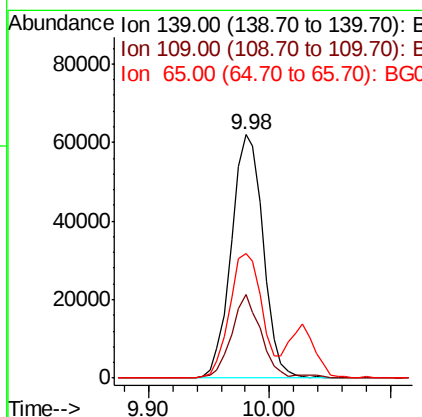
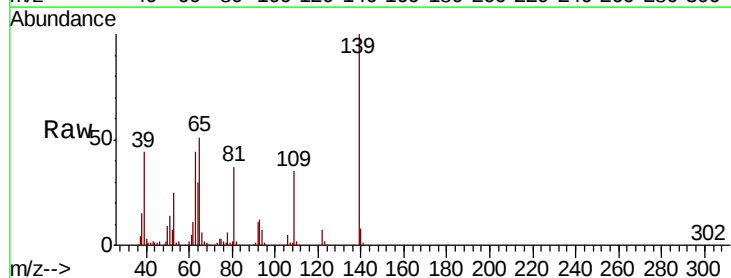
Manual Integrations
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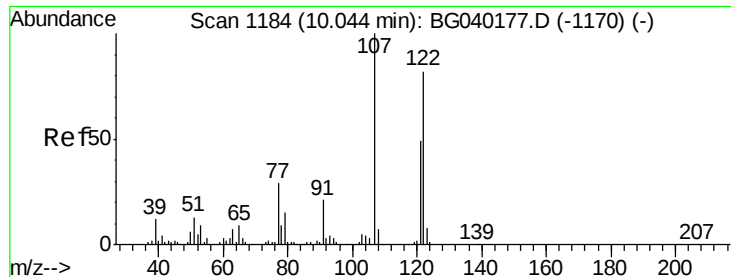
Sohil
4/2/2019 4:00:38 PM



#26
2-Nitrophenol
Concen: 47.832 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	113922		
109	34.5	24.1	36.1	
65	51.1	43.0	64.6	





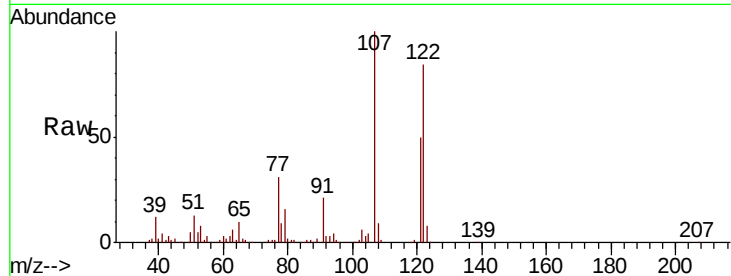
#27
 2,4-Dimethylphenol
 Concen: 56.847 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	215063		
107	119.0	97.4	146.2	
121	60.0	47.7	71.5	

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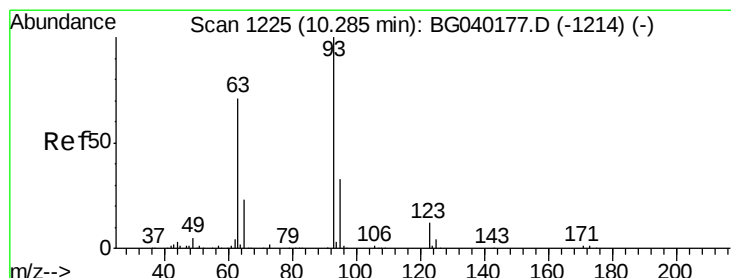
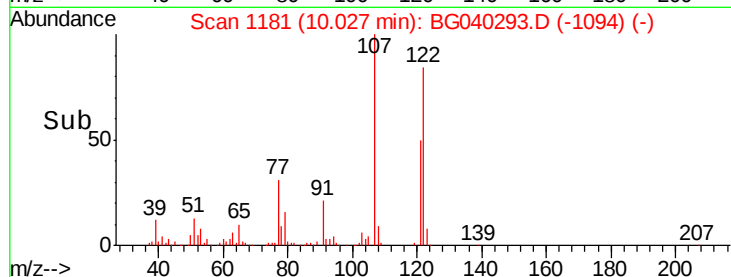
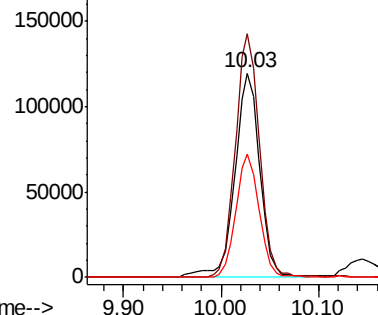


Abundance

Ion 122.00 (121.70 to 122.70): E

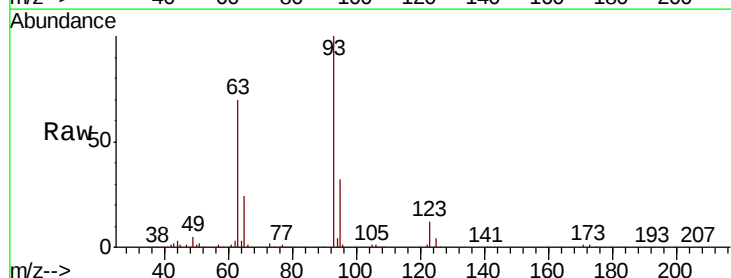
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.524 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	280808		
95	32.2	26.2	39.4	
123	12.2	9.4	14.0	

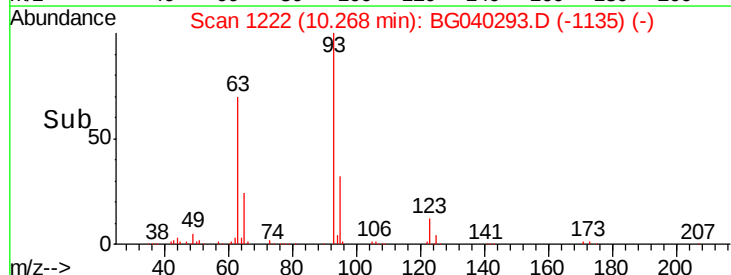
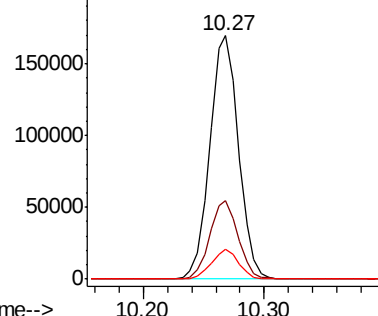


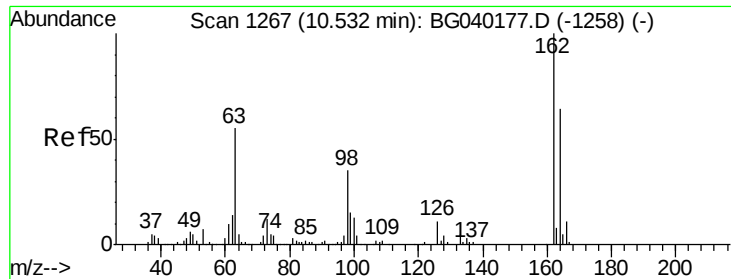
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





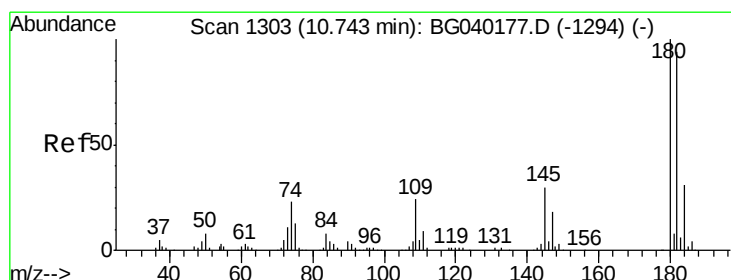
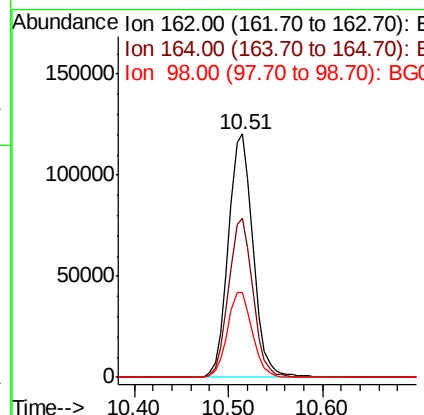
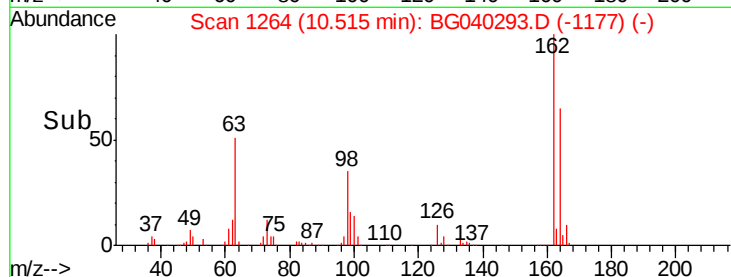
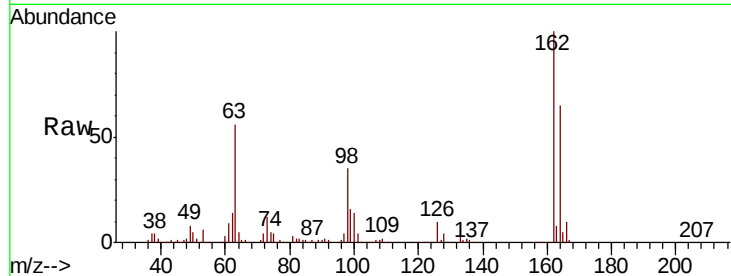
#29
 2,4-Dichlorophenol
 Concen: 53.496 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	219675		
164	65.2	43.9	83.9	
98	34.9	15.6	55.6	

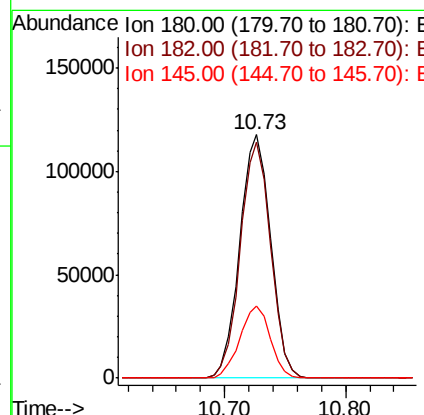
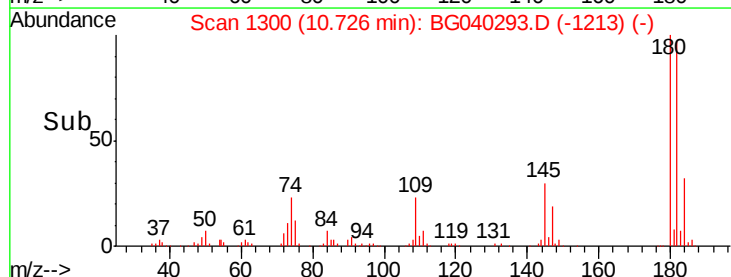
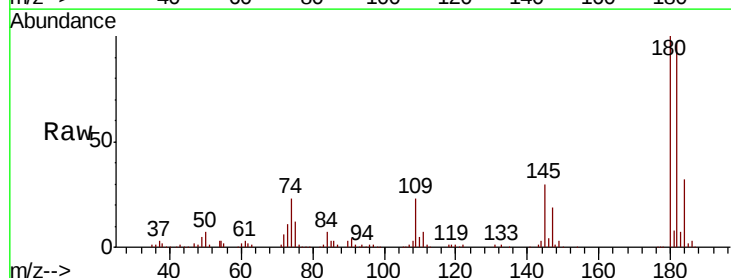
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.614 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210182		
182	96.9	75.1	112.7	
145	29.7	24.1	36.1	





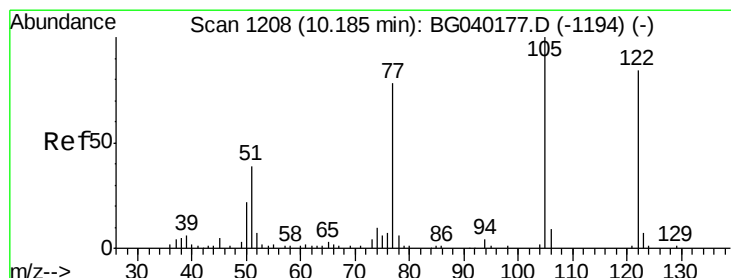
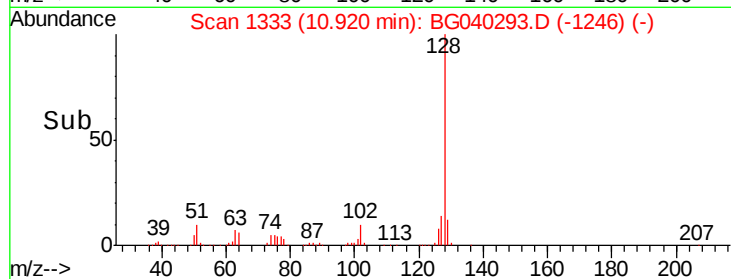
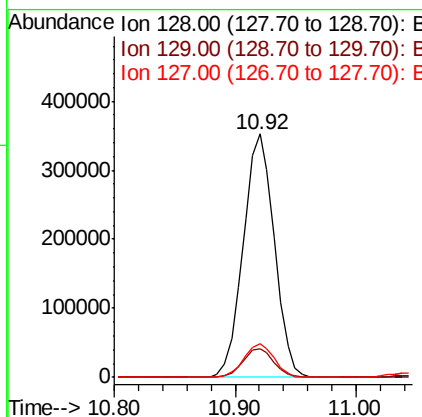
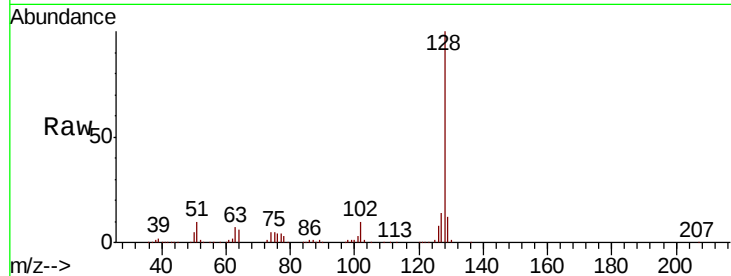
#31
Naphthalene
Concen: 47.769 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	631723		
129	11.8	8.9	13.3	
127	13.8	11.4	17.0	

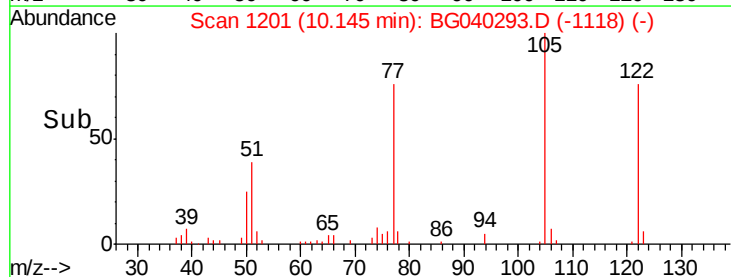
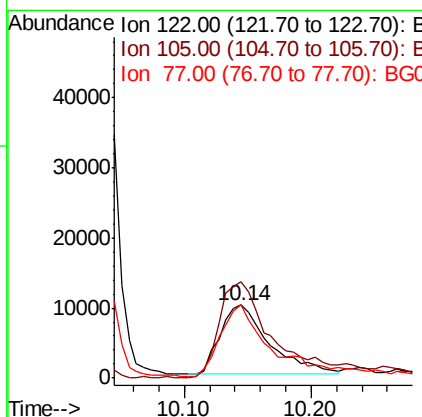
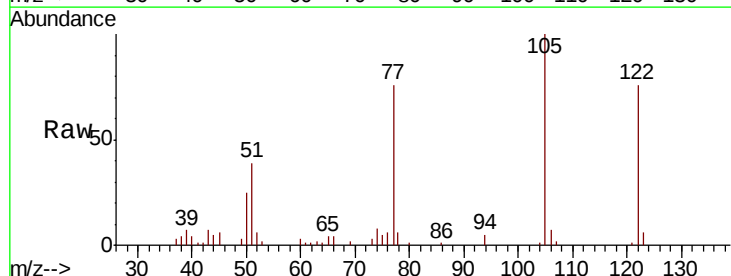
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4/2/2019 4:00:38 PM



#32
Benzoic acid
Concen: 11.475 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.04 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26229		
105	131.8	98.2	138.2	
77	100.3	73.6	113.6	





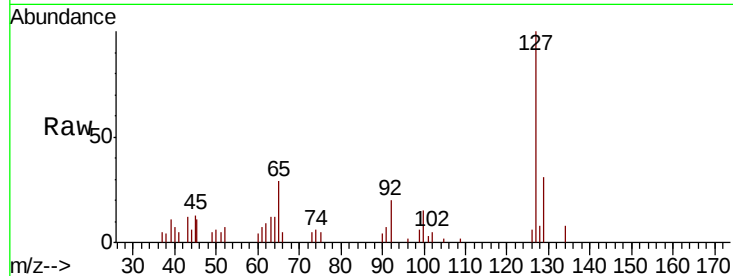
#33
4-Chloroaniline
Concen: 2.670 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

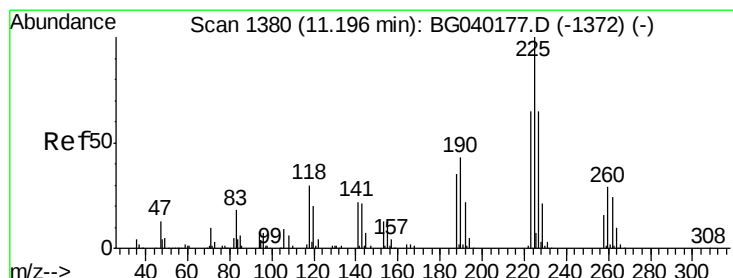
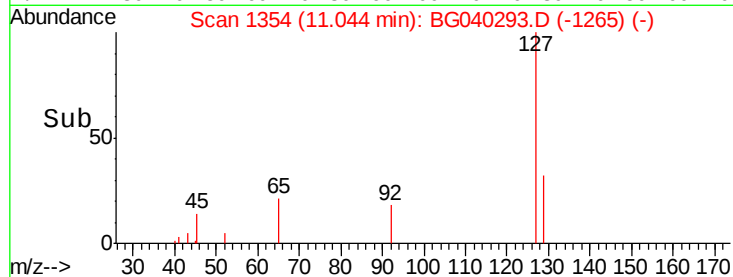
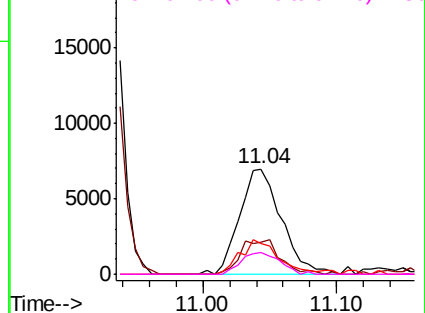
Tgt Ion:	127	Resp:	15061
Ion Ratio	Lower	Upper	
127	100		
129	30.8	26.6	40.0
65	29.0	27.0	40.4
92	20.4	16.6	25.0

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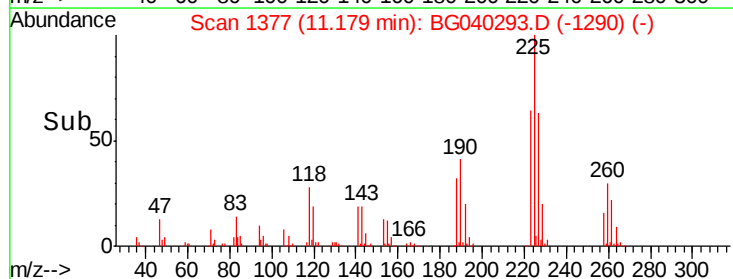
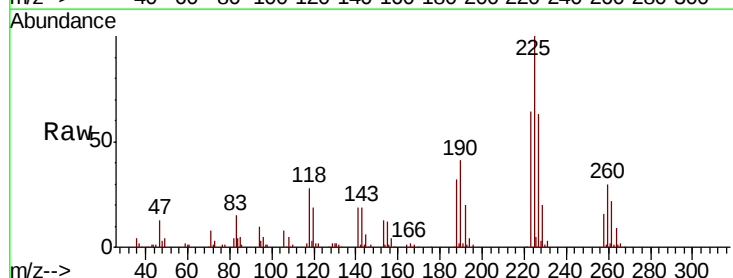
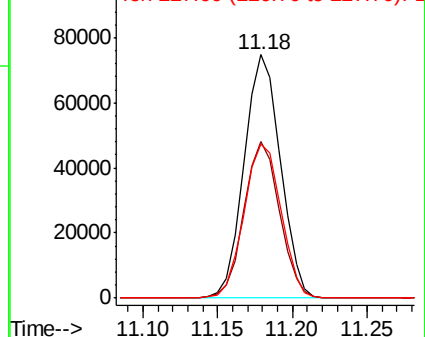
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

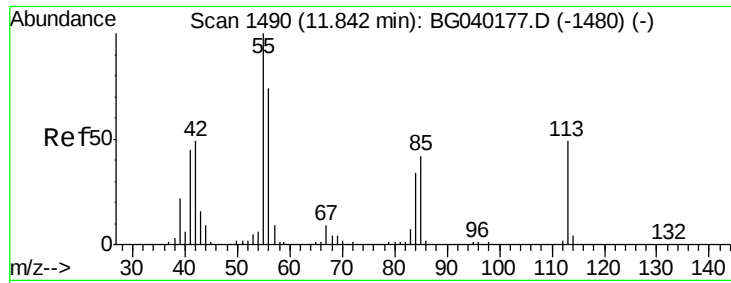


#34
Hexachlorobutadiene
Concen: 43.647 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:	225	Resp:	125866
Ion Ratio	Lower	Upper	
225	100		
223	64.3	51.8	77.8
227	63.2	54.9	82.3

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





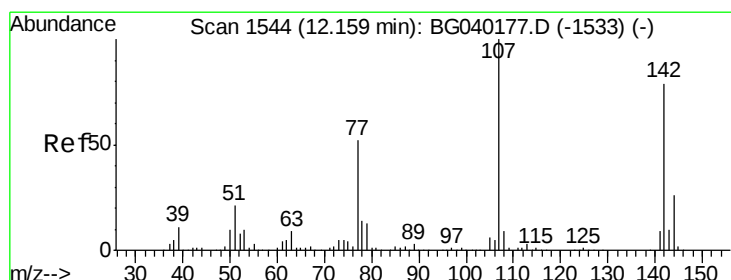
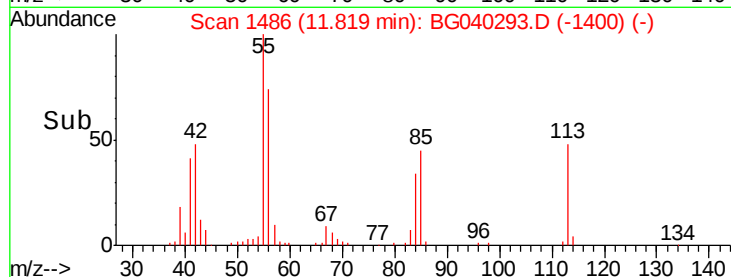
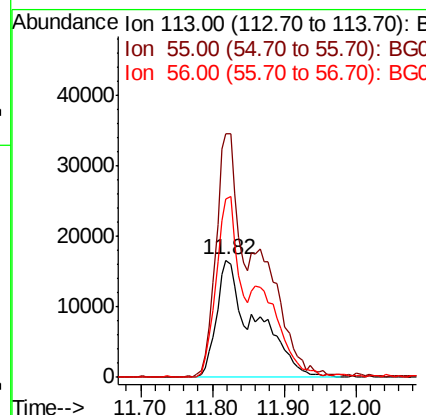
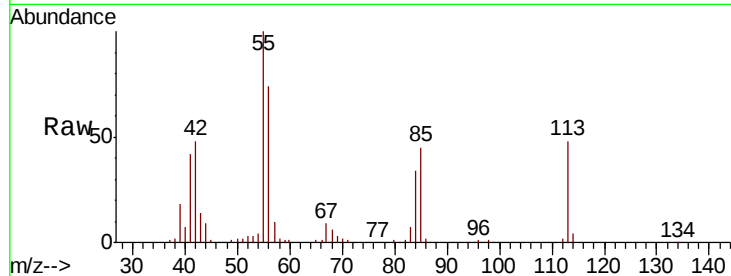
#35
 Caprolactam
 Concen: 38.466 ng m
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion:113 Resp: 62684
 Ion Ratio Lower Upper
 113 100
 55 207.8 184.2 224.2
 56 152.7 131.3 171.3

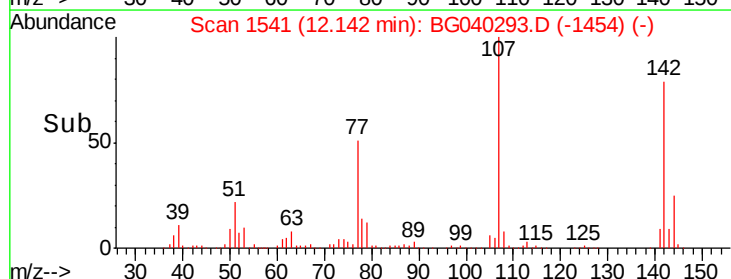
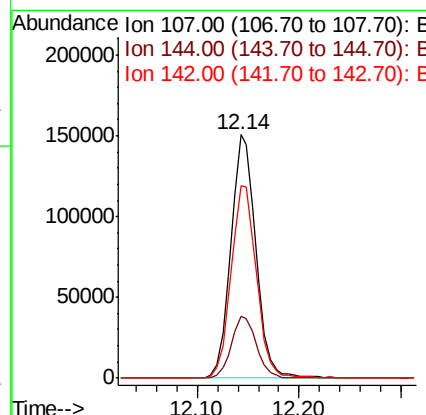
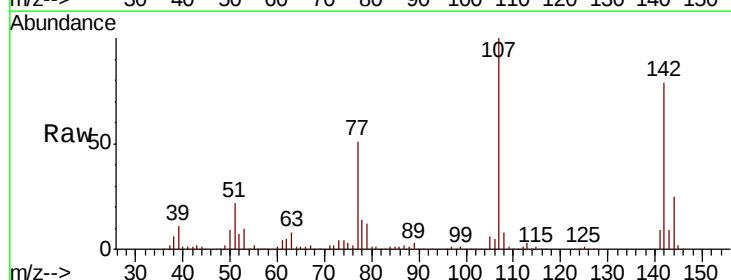
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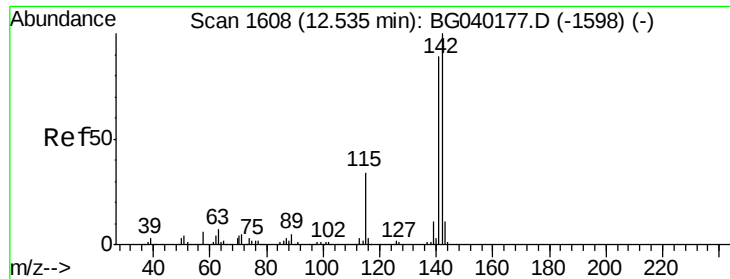
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 4/2/2019 4:00:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 54.471 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion:107 Resp: 257149
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 79.0 63.1 94.7





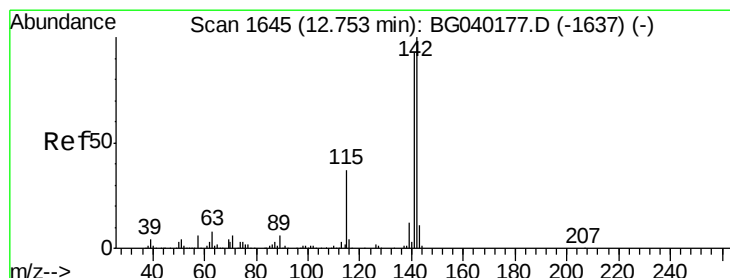
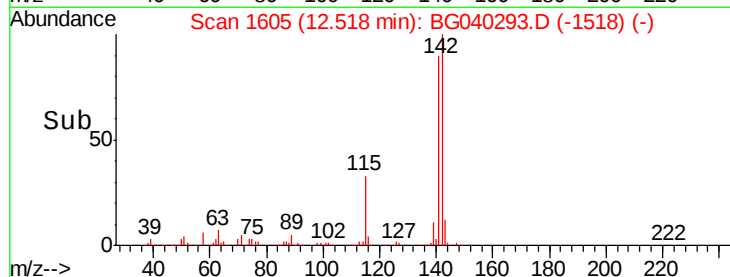
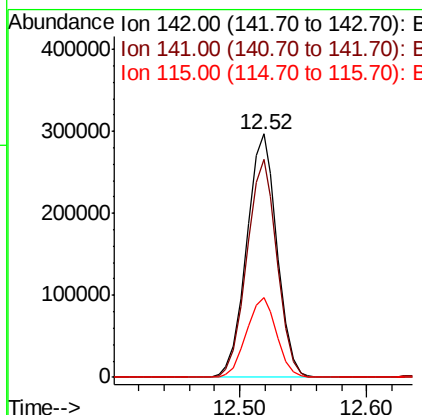
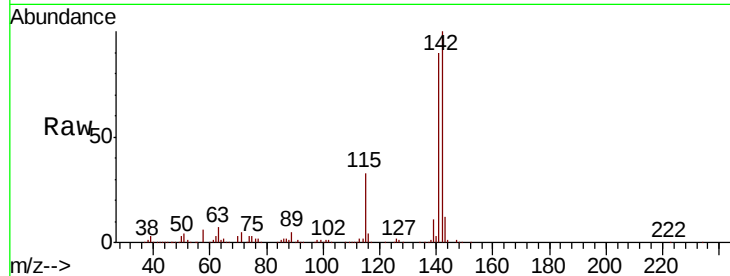
#37
 2-Methylnaphthalene
 Concen: 50.287 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	33.0	27.3	40.9

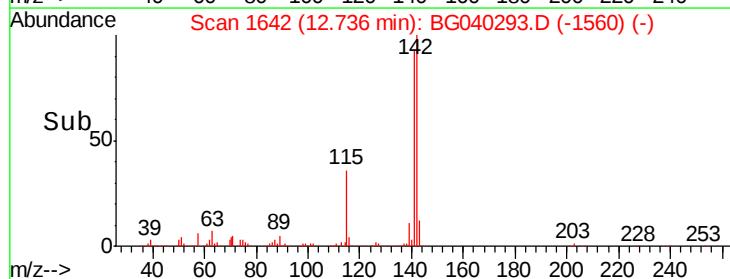
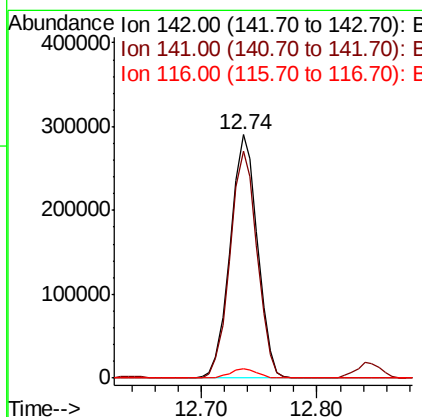
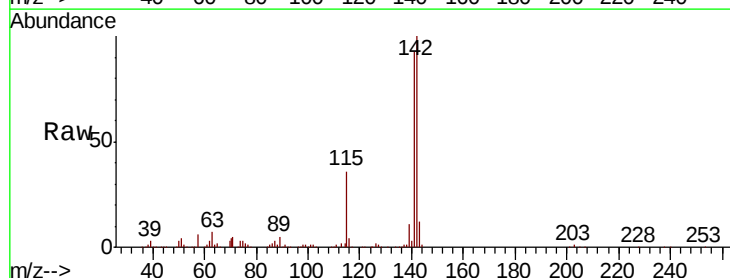
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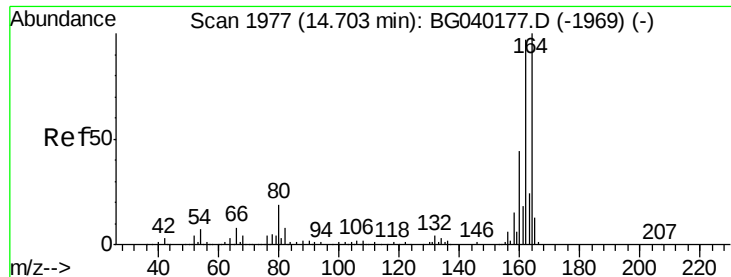
Sohil
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#38
 1-Methylnaphthalene
 Concen: 49.843 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	3.6	3.0	4.4





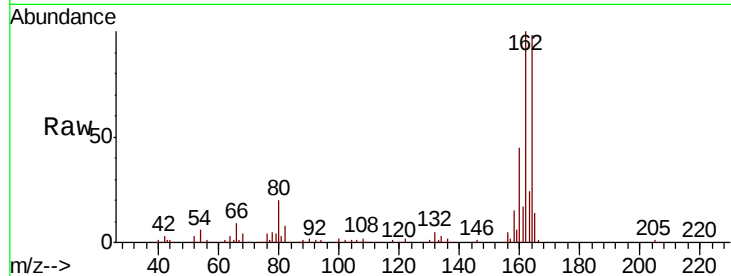
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	77.4	116.2
160	45.7	35.3	52.9

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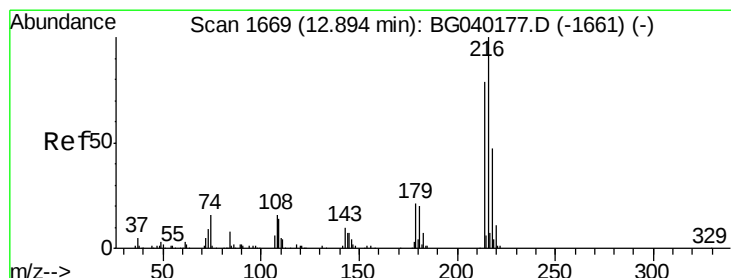
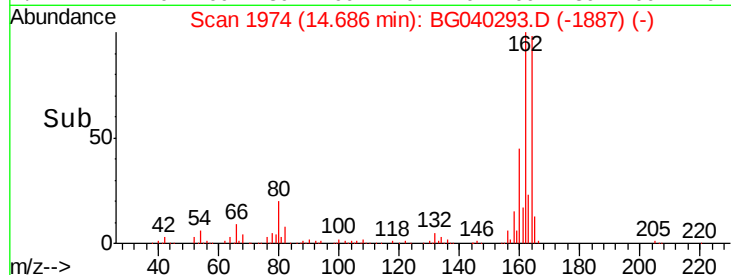
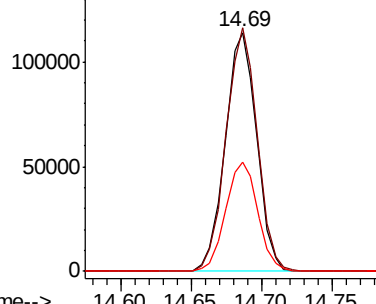


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.718 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.5	95.3
179	20.6	16.6	25.0
108	18.3	13.8	20.8

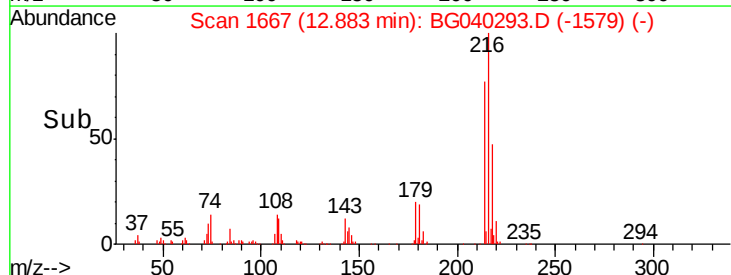
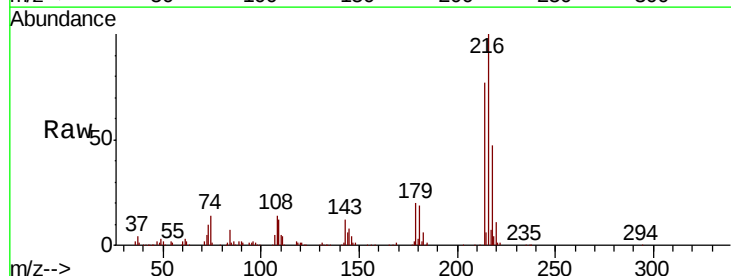
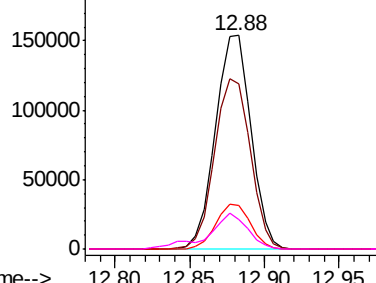
Abundance

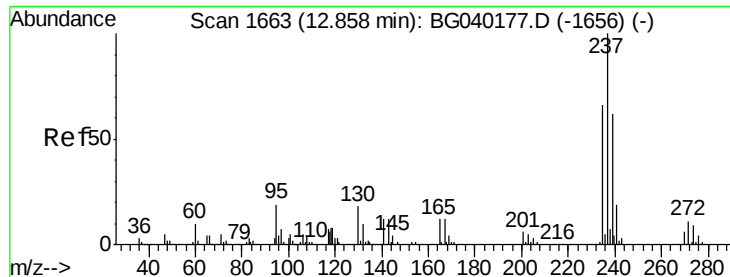
Ion 216.00 (215.70 to 216.70): E

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: 82.436 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

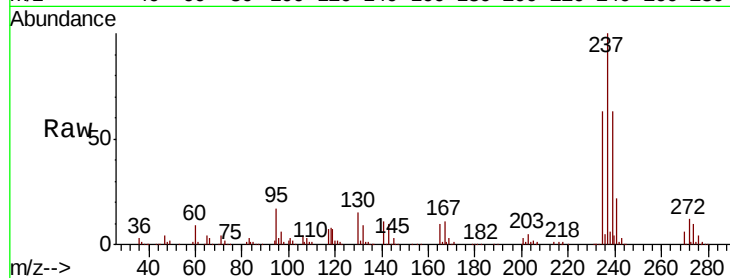
ClientSampleId :

NB-08-032919-AMSD

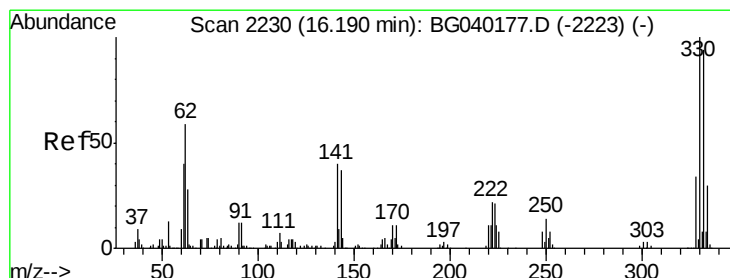
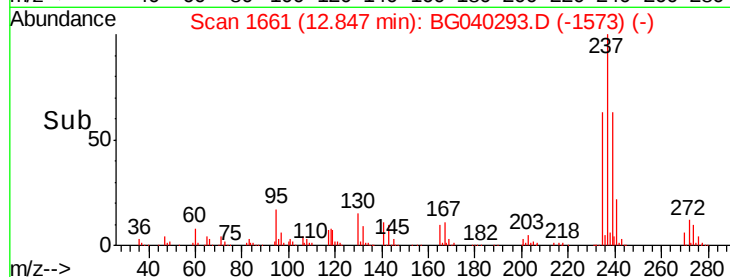
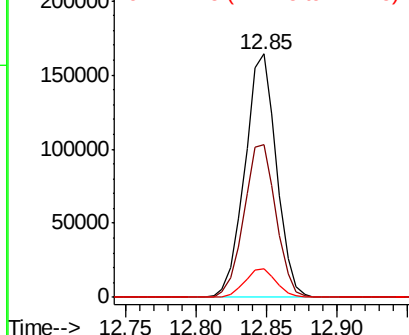
Tgt Ion:	237	Resp:	256177
Ion Ratio		Lower	Upper
237	100		
235	62.7	46.2	86.2
272	11.6	0.0	30.5

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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: 165.210 ng

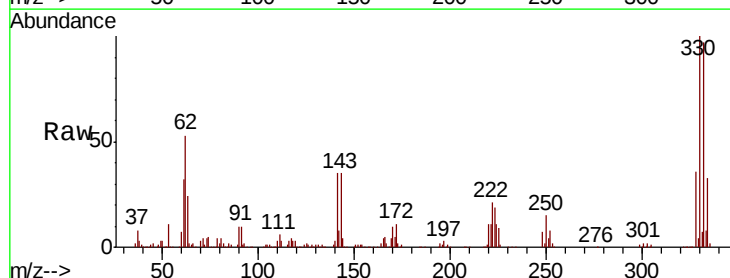
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

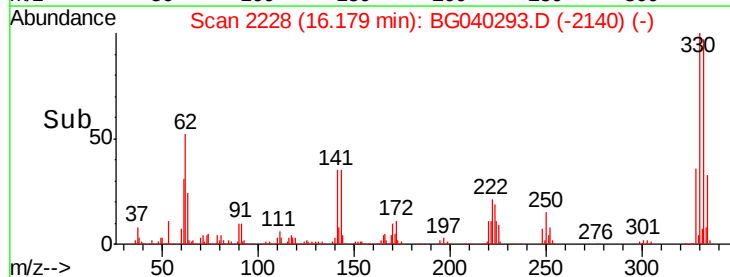
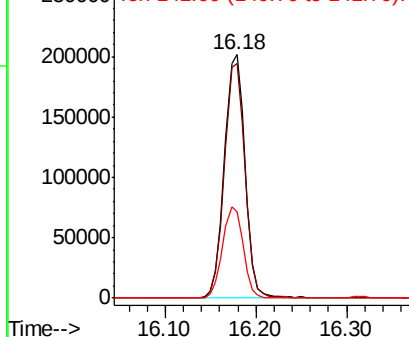
Lab File: BG040293.D

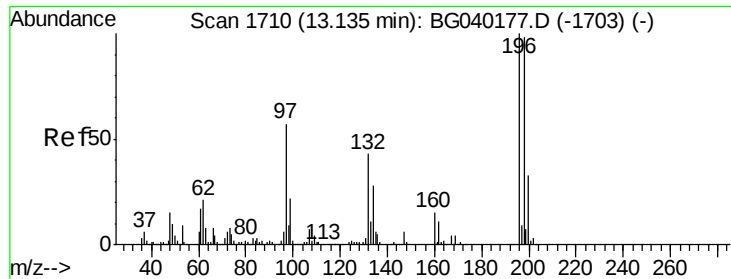
Acq: 2 Apr 2019 10:27

Tgt Ion:	330	Resp:	317943
Ion Ratio		Lower	Upper
330	100		
332	96.3	76.6	115.0
141	37.5	32.6	48.8



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





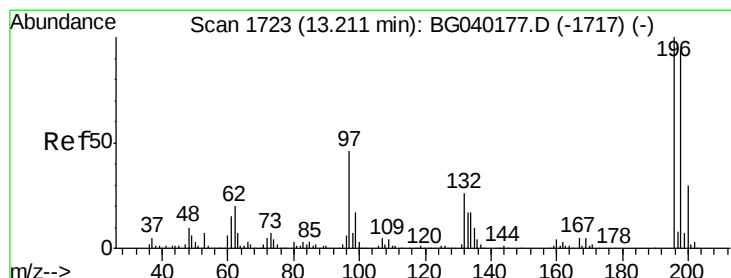
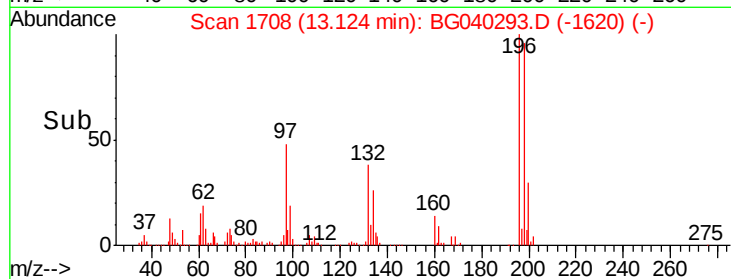
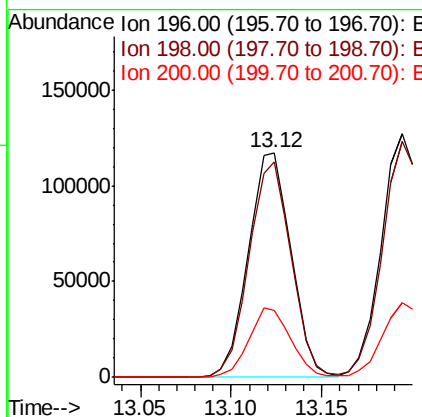
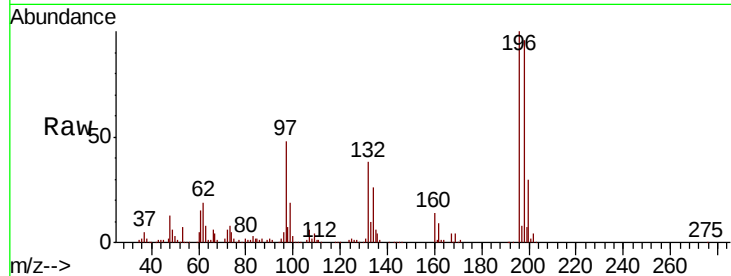
#43
 2,4,6-Trichlorophenol
 Concen: 52.545 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191737		
198	96.0	78.3	117.5	
200	29.9	26.0	39.0	

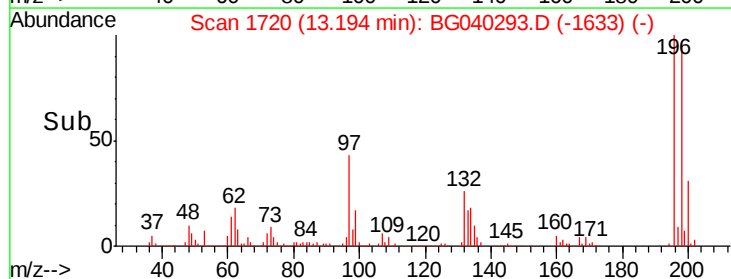
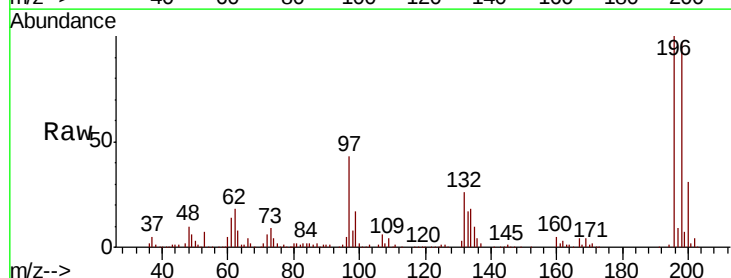
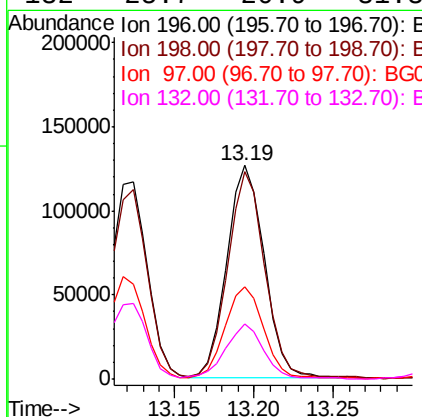
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#44
 2,4,5-Trichlorophenol
 Concen: 52.190 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207576		
198	97.1	75.0	112.6	
97	43.2	37.3	55.9	
132	25.7	20.9	31.3	





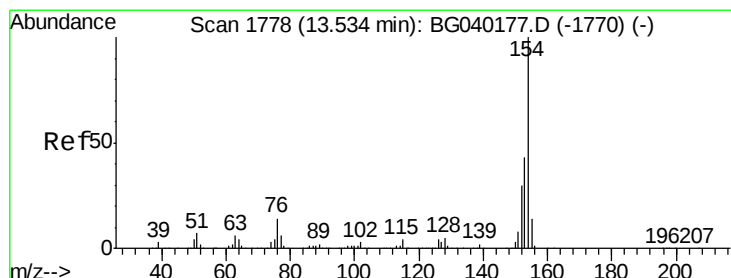
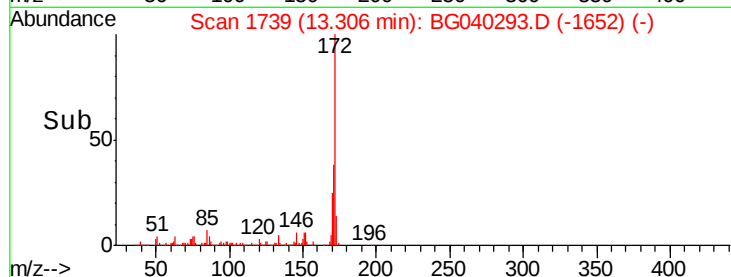
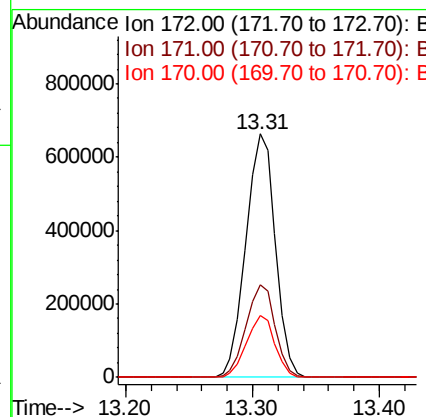
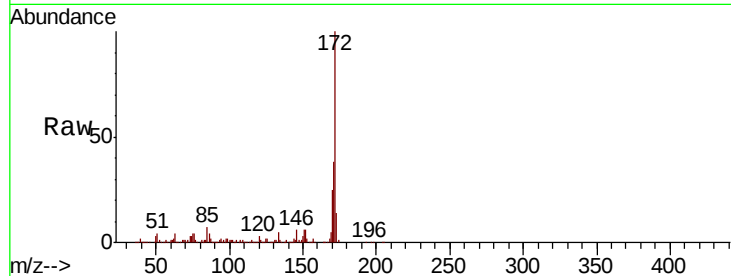
#45
2-Fluorobiphenyl
Concen: 88.821 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	25.2	20.1	30.1

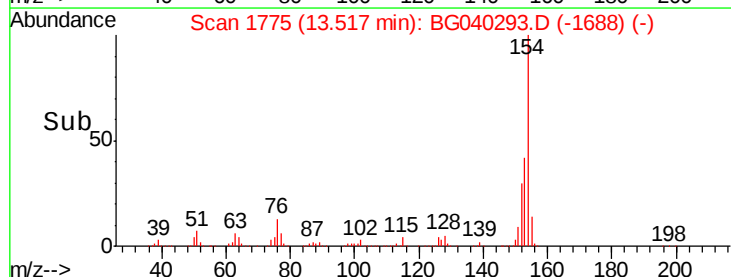
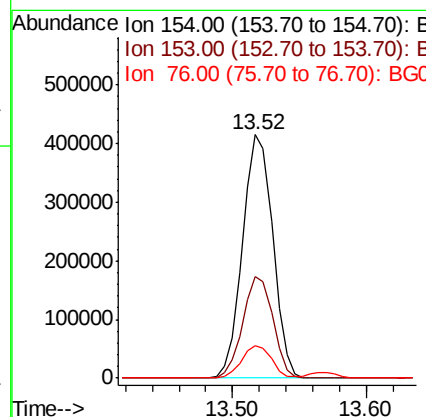
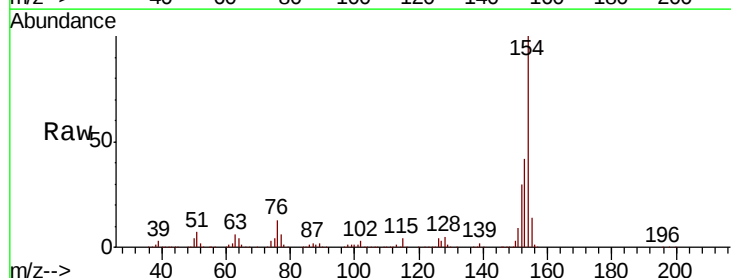
Manual Integrations
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#46
1,1'-Biphenyl
Concen: 46.129 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.5	62.5
76	13.4	0.0	33.7





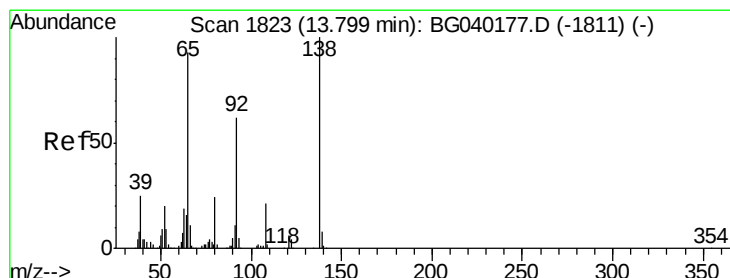
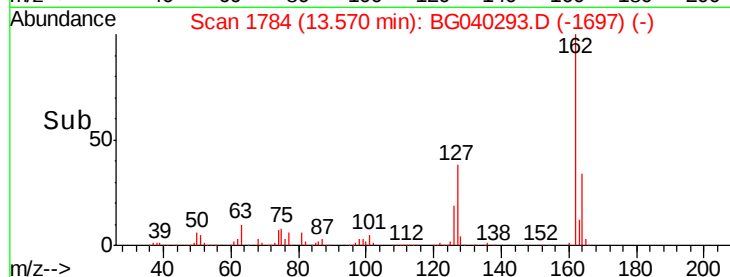
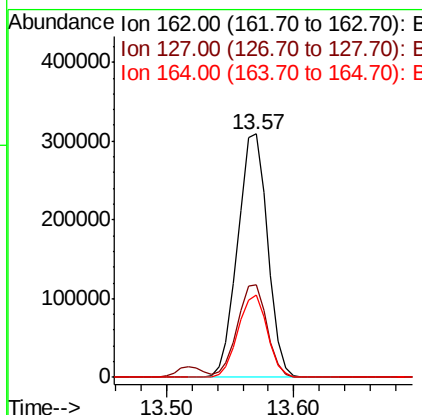
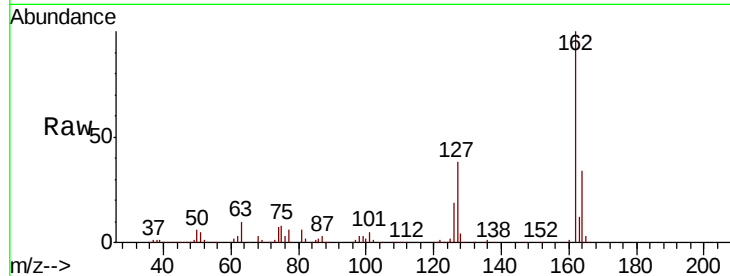
#47
 2-Chloronaphthalene
 Concen: 46.758 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	504632		
127	38.2	30.6	45.8	
164	34.0	26.2	39.4	

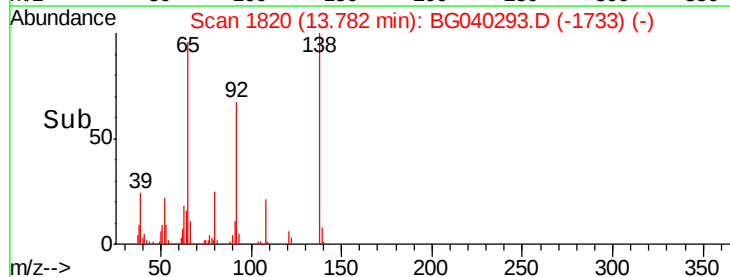
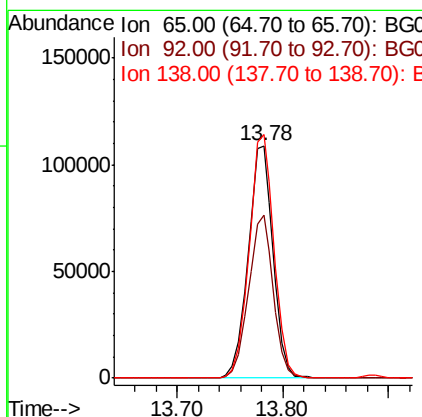
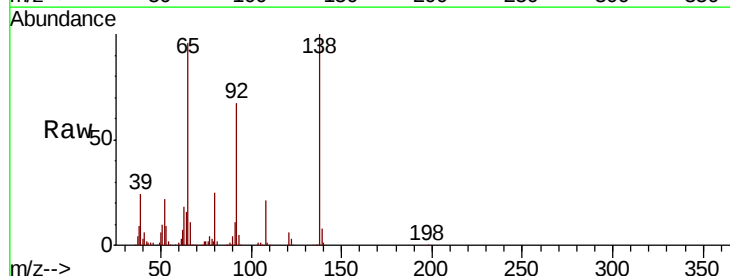
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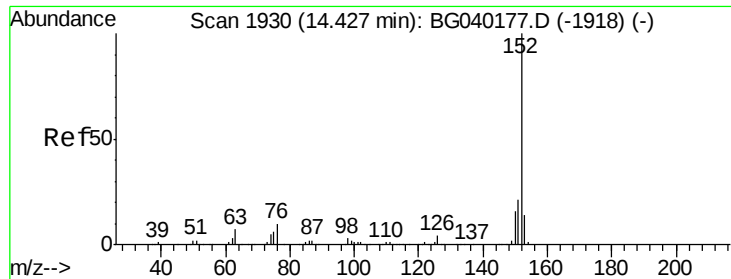
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#48
 2-Nitroaniline
 Concen: 49.087 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	178696		
92	69.9	53.8	80.6	
138	104.6	86.3	129.5	





#49

Acenaphthylene

Concen: 46.660 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

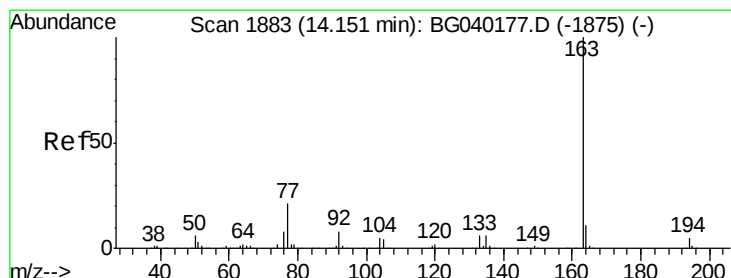
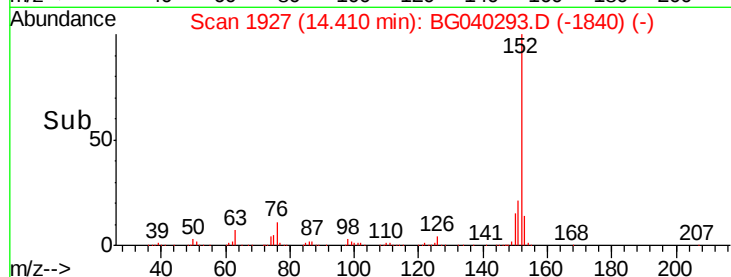
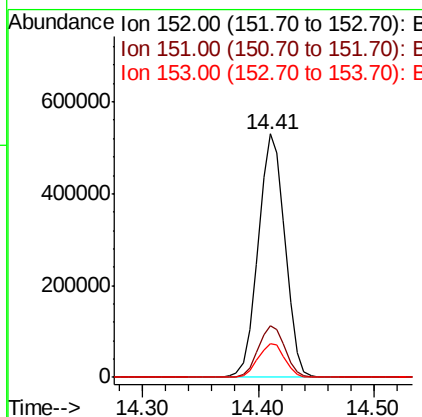
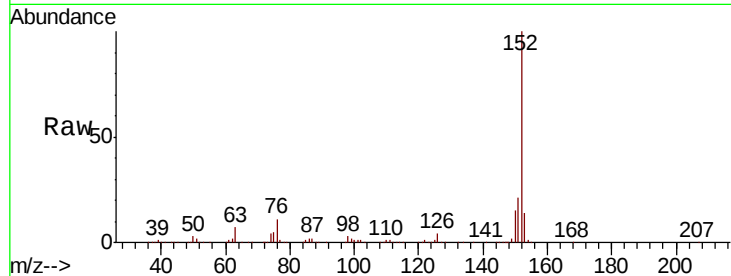
ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:	152	Resp:	853812
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.0	25.6
153	13.8	10.8	16.2

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#50

Dimethylphthalate

Concen: 48.969 ng

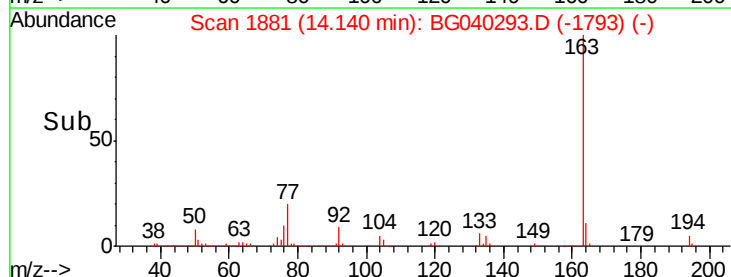
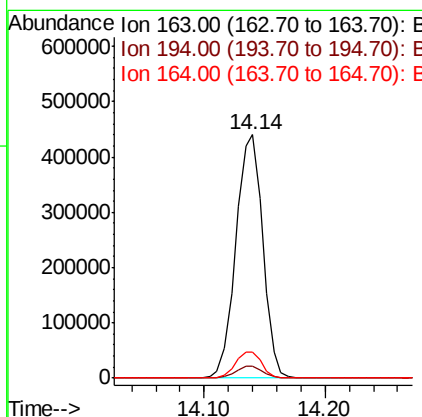
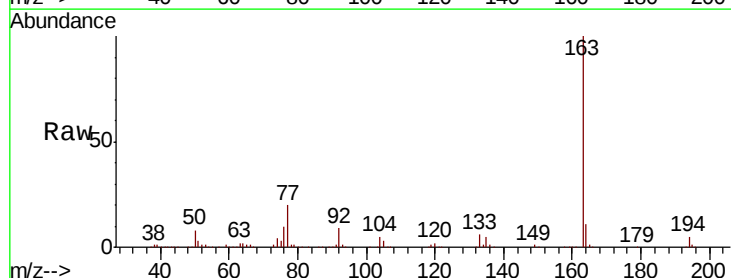
RT: 14.14 min Scan# 1881

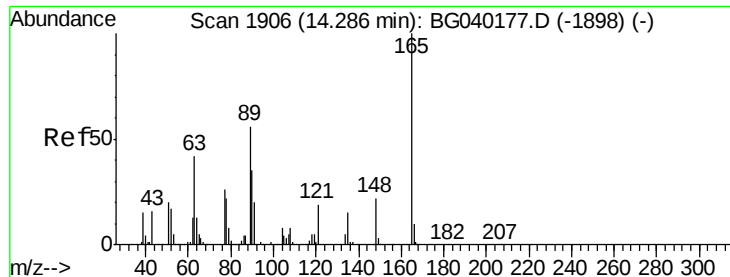
Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	163	Resp:	682454
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.1	6.1
164	10.8	8.6	13.0





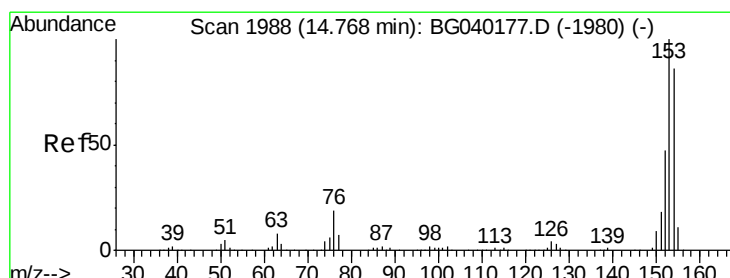
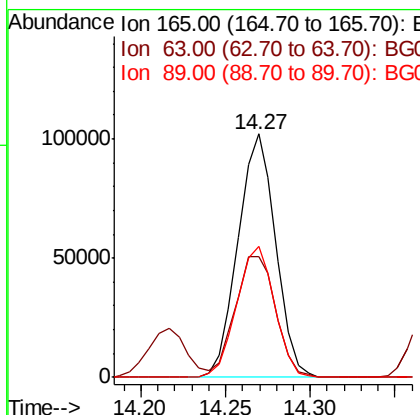
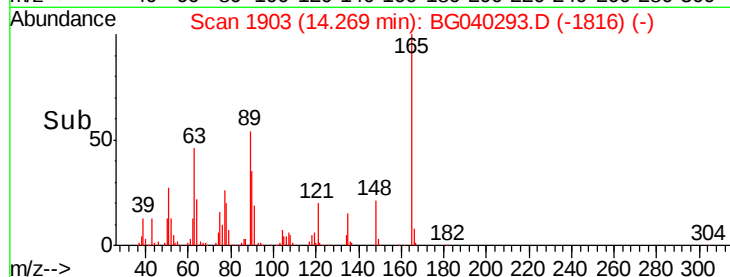
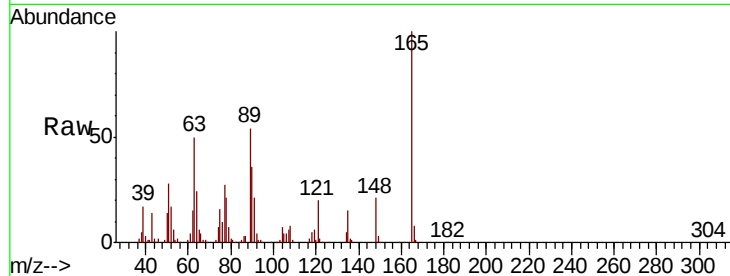
#51
 2,6-Dinitrotoluene
 Concen: 50.504 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.8	44.1	66.1
89	53.9	44.9	67.3

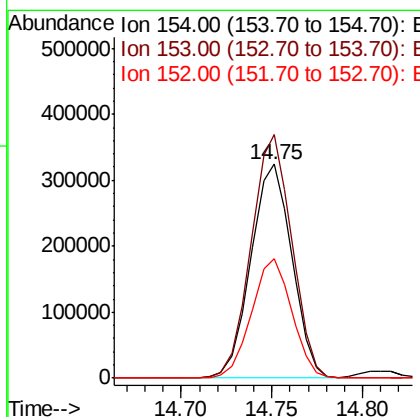
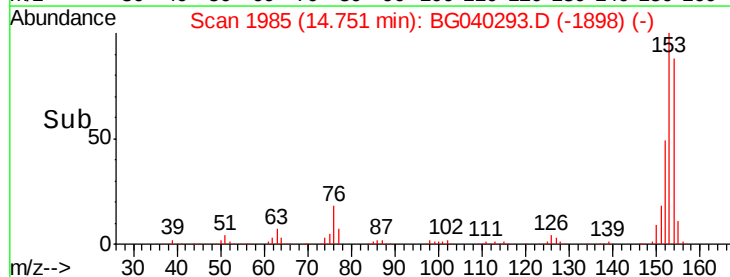
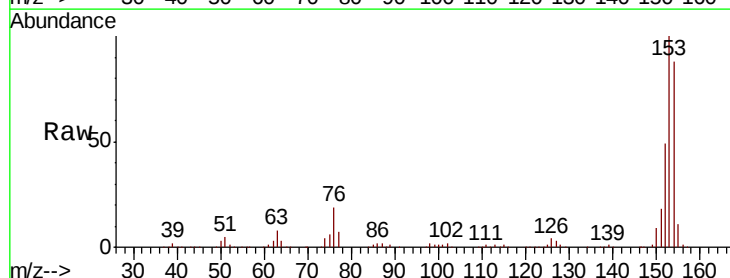
Manual Integrations
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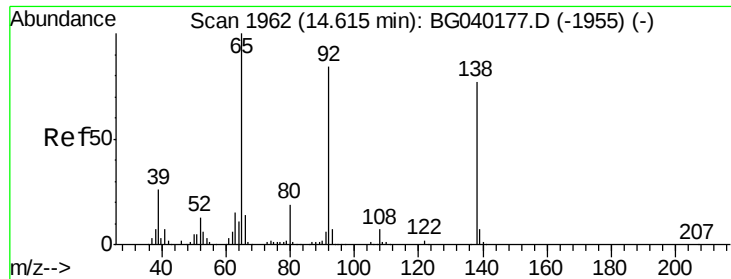
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#52
 Acenaphthene
 Concen: 48.580 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.8	92.8	139.2
152	56.1	43.4	65.2





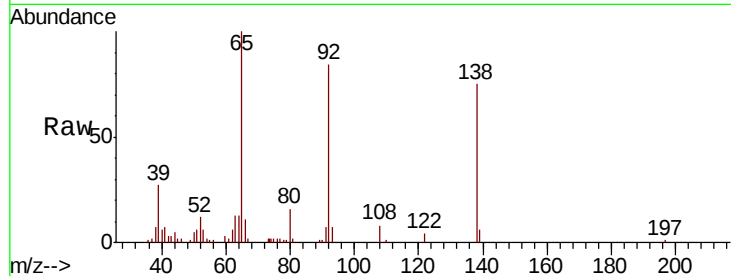
#53
3-Nitroaniline
Concen: 7.394 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

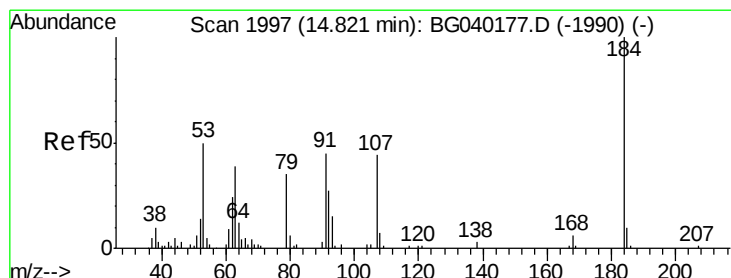
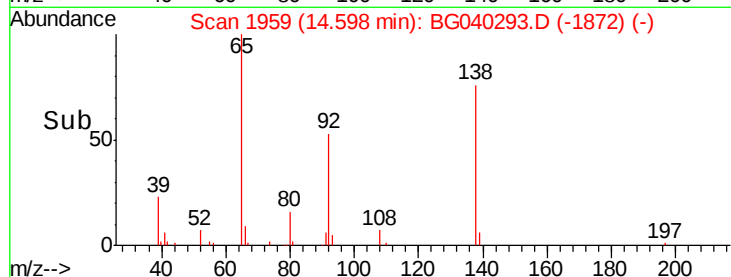
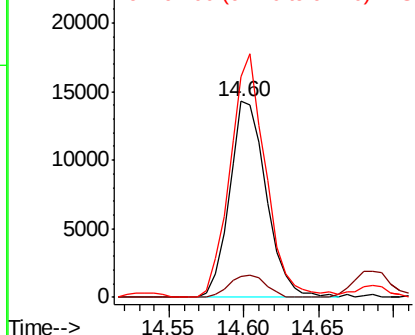
Tgt Ion:138 Resp: 24492
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.8
92 112.4 87.5 131.3

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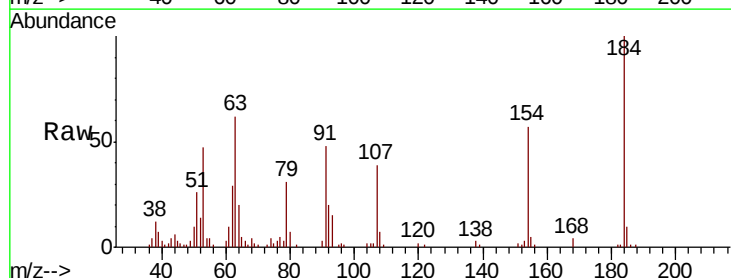


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

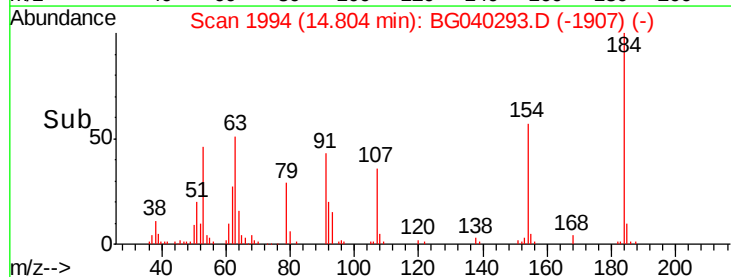
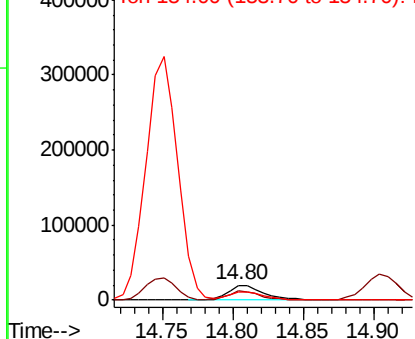


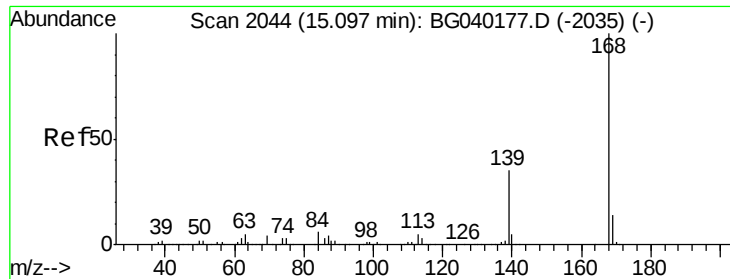
#54
2,4-Dinitrophenol
Concen: 21.225 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:184 Resp: 35322
Ion Ratio Lower Upper
184 100
63 61.9 51.8 77.8
154 56.6 50.9 76.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





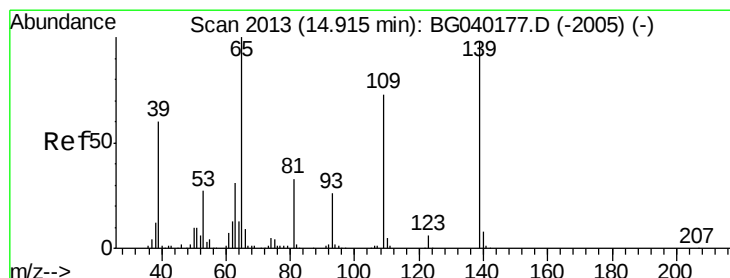
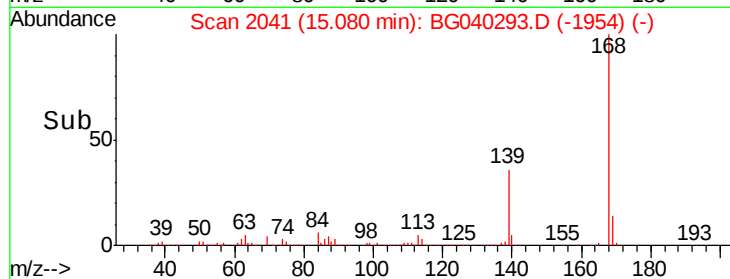
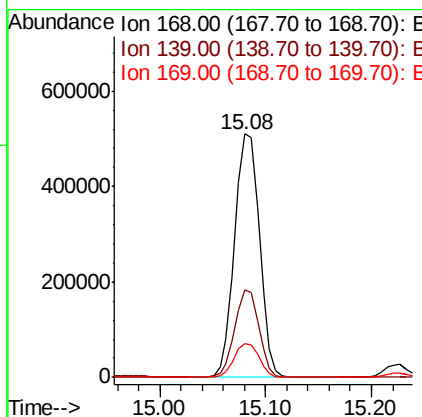
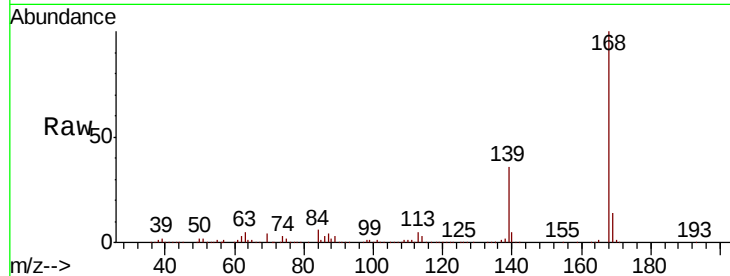
#55
Dibenzofuran
Concen: 49.073 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	27.9	41.9
169	13.9	11.3	16.9

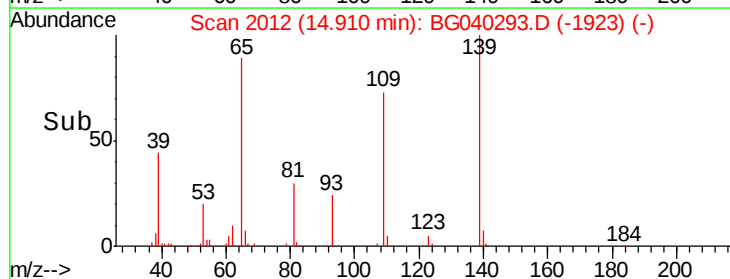
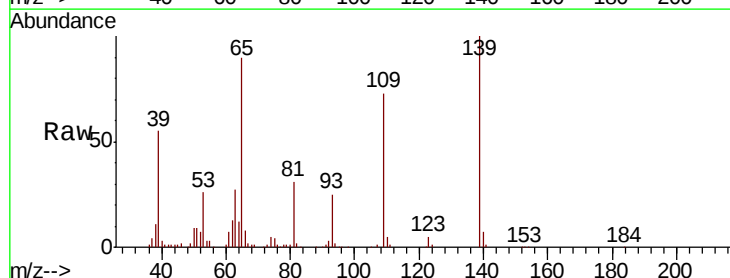
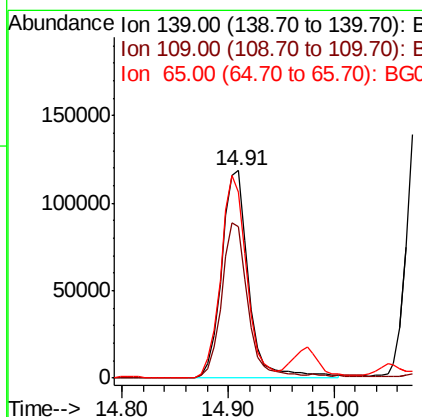
Manual Integrations
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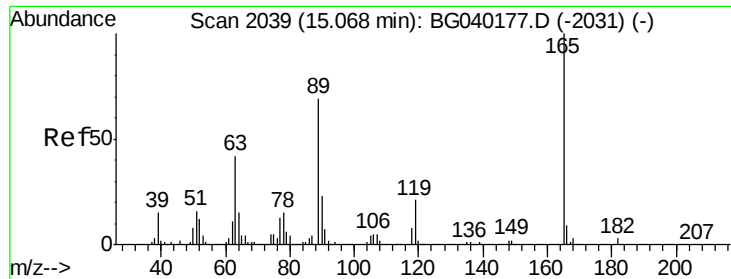
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#56
4-Nitrophenol
Concen: 78.587 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	54.3	94.3
65	89.6	82.5	122.5





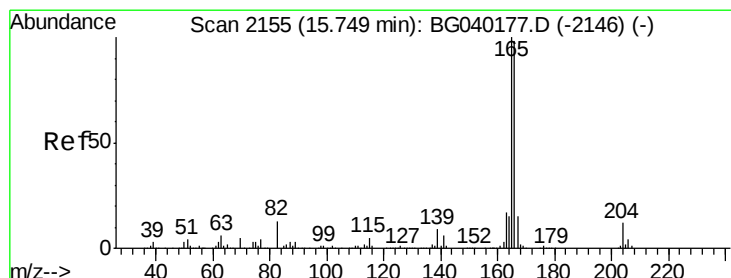
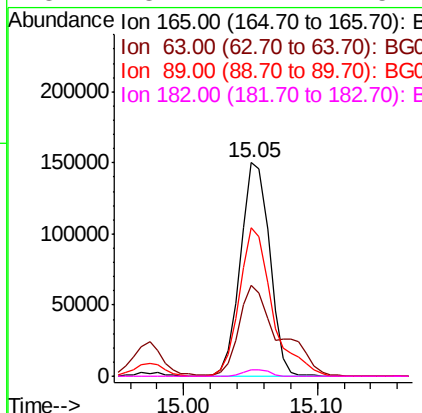
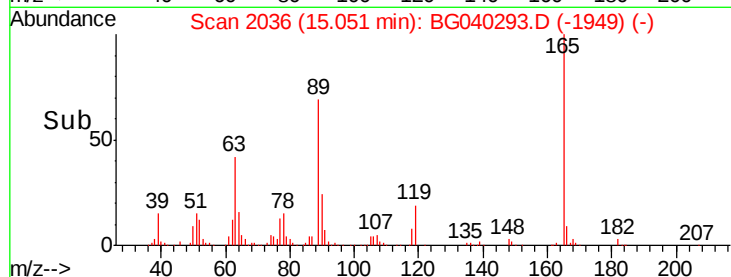
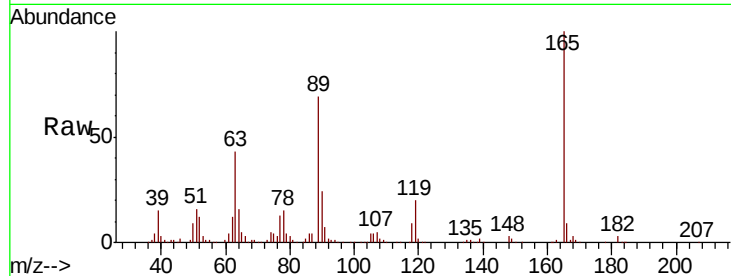
#57
2,4-Dinitrotoluene
Concen: 52.146 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	226738		
63	42.5	33.8	50.6	
89	69.4	55.4	83.2	
182	3.1	2.2	3.4	

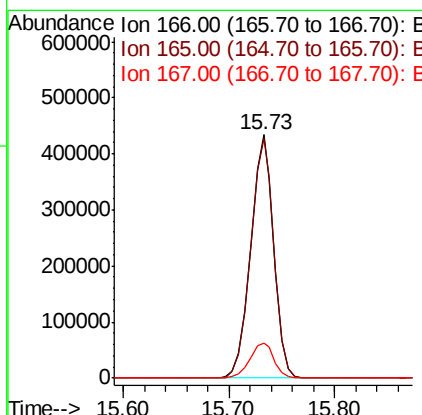
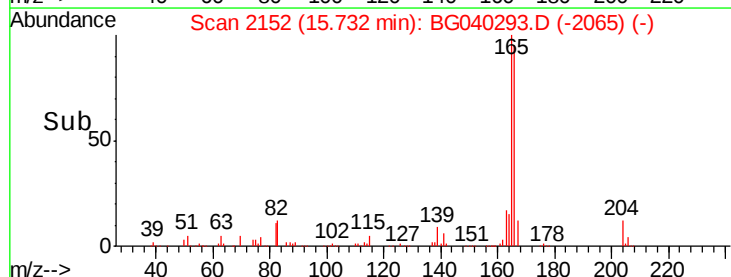
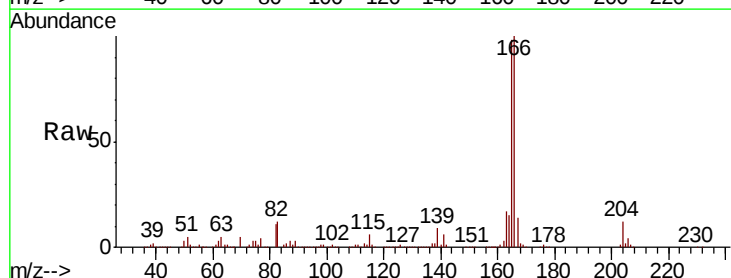
Manual Integrations
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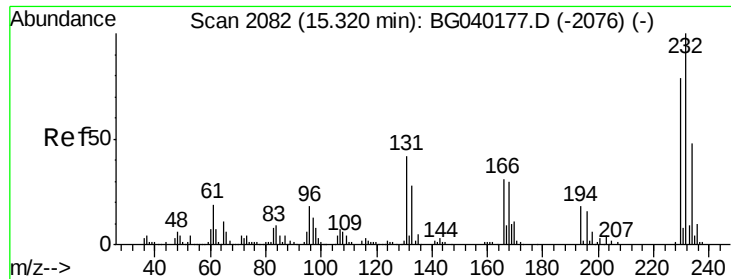
Sohil
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#58
Fluorene
Concen: 49.434 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	654826		
165	98.4	81.7	122.5	
167	14.4	11.9	17.9	





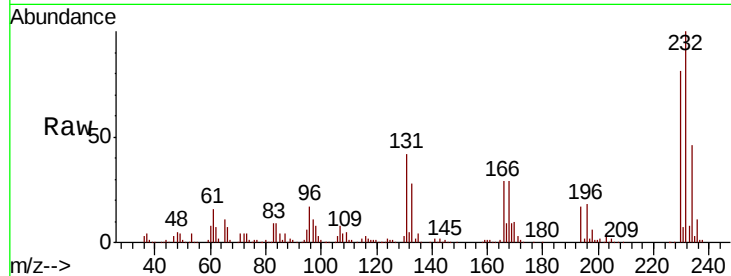
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.302 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	203204		
131	40.2	32.9	49.3	
130	2.4	1.8	2.8	
166	27.2	23.5	35.3	

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4/2/2019 4:00:38 PM



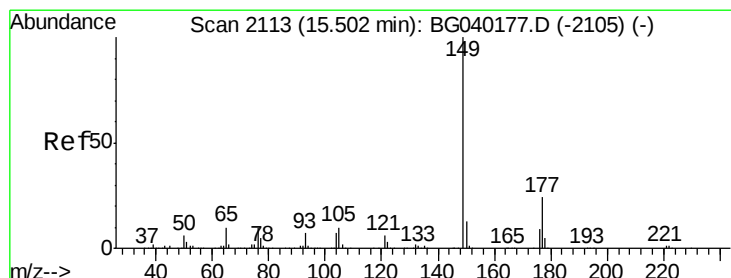
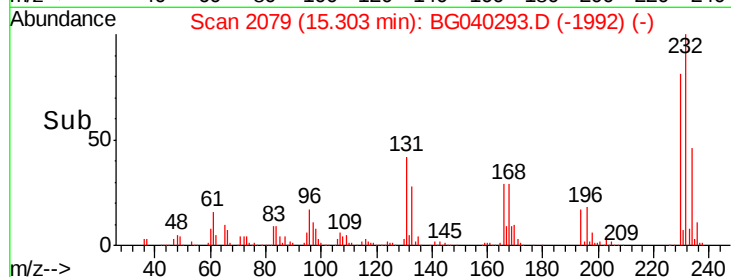
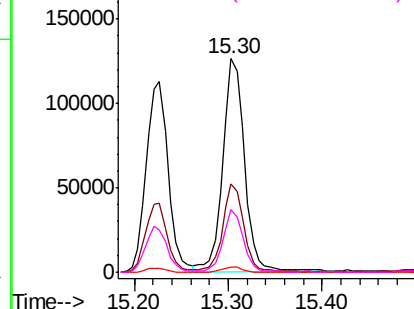
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

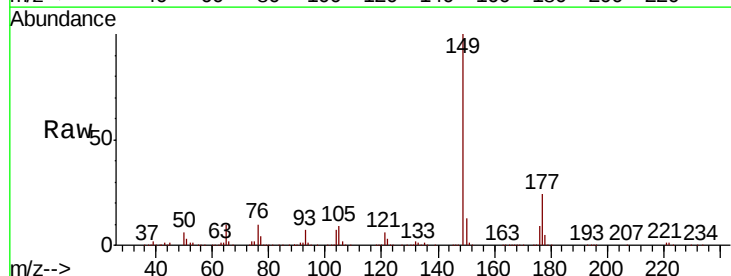
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 50.081 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	714204		
177	24.5	19.1	28.7	
150	13.1	10.6	15.8	

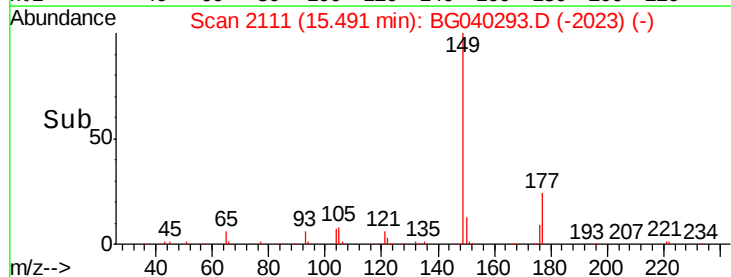
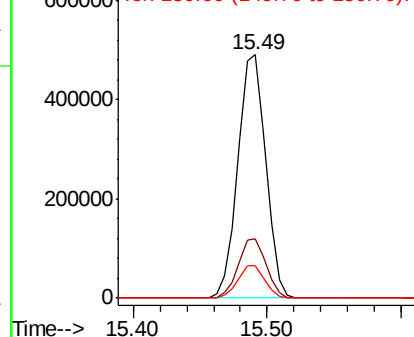


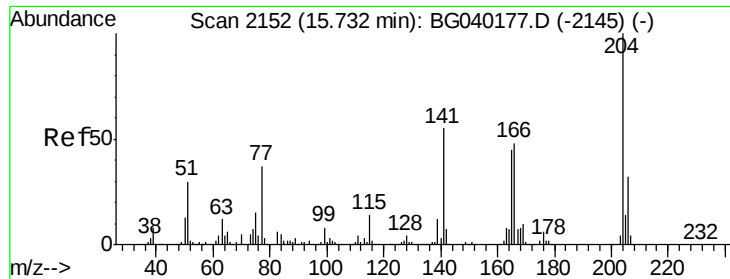
Abundance

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





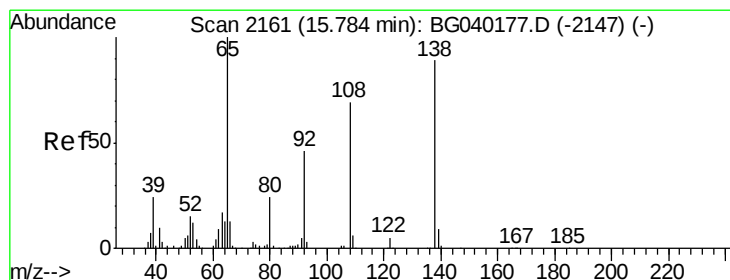
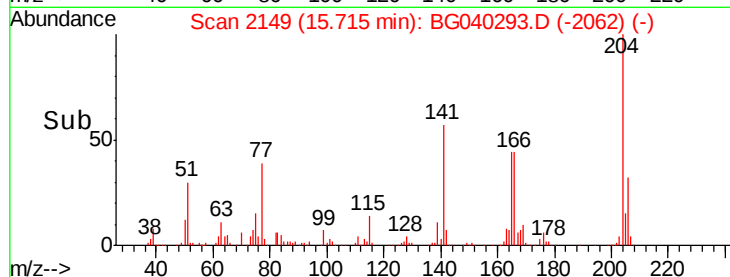
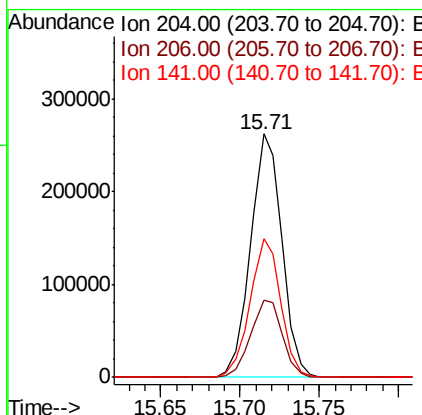
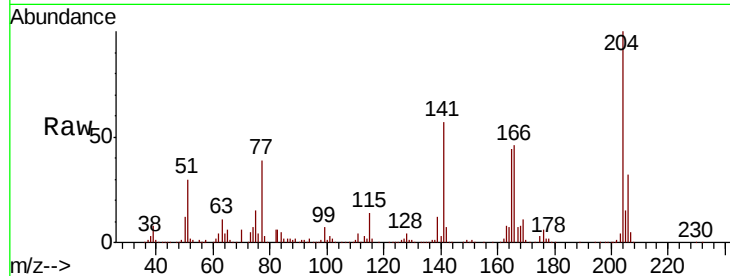
#61
 4-Chlorophenyl-phenylether
 Concen: 50.763 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.7	38.5
141	57.1	44.0	66.0

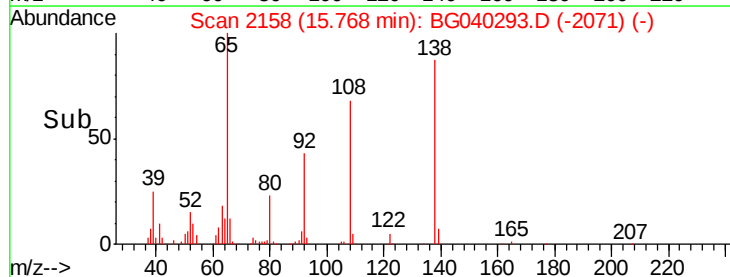
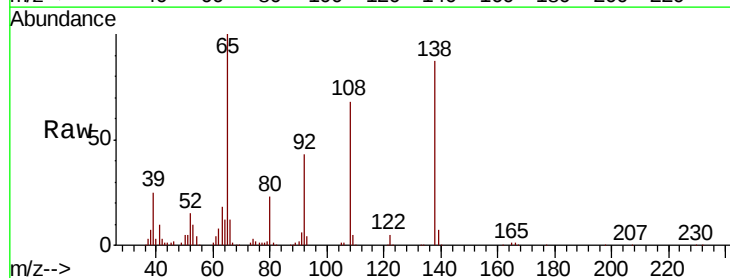
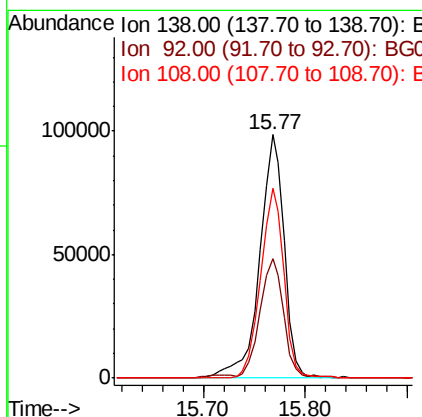
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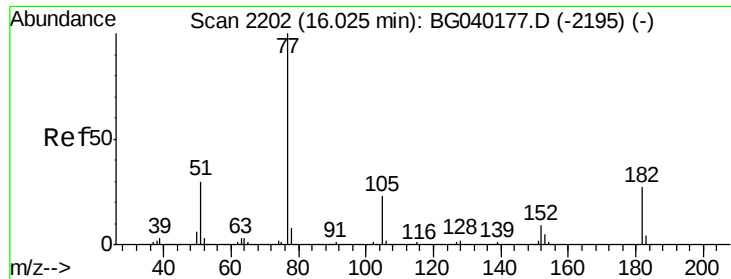
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#62
 4-Nitroaniline
 Concen: 47.022 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.8	71.8
108	78.0	57.2	97.2





#63

Azobenzene

Concen: 48.373 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

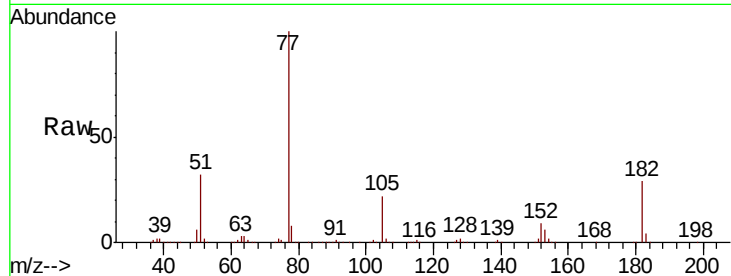
ClientSampleId :

NB-08-032919-AMSD

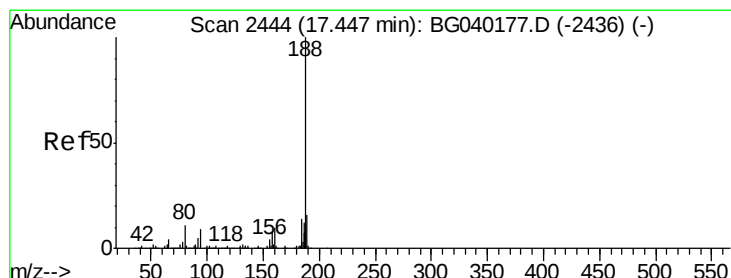
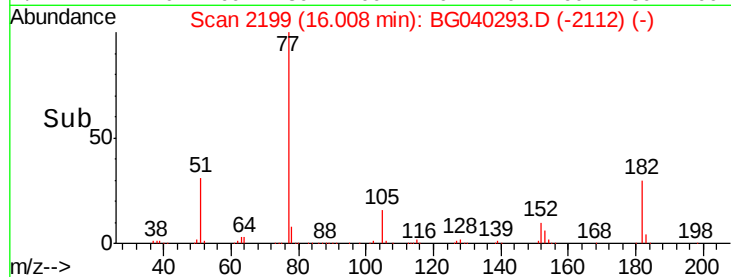
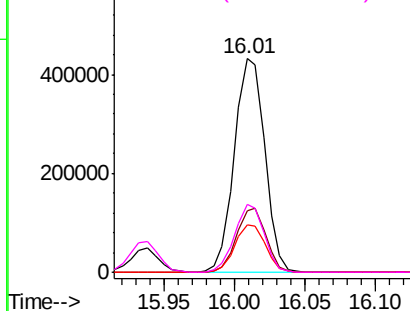
Tgt Ion:	77	Resp:	650713
Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.2	47.2
105	22.2	2.8	42.8
51	31.5	10.4	50.4

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4/2/2019 4:00:38 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

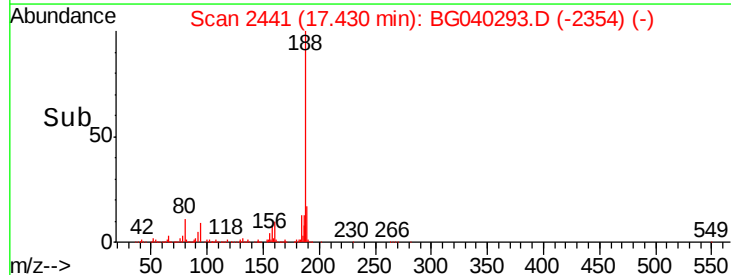
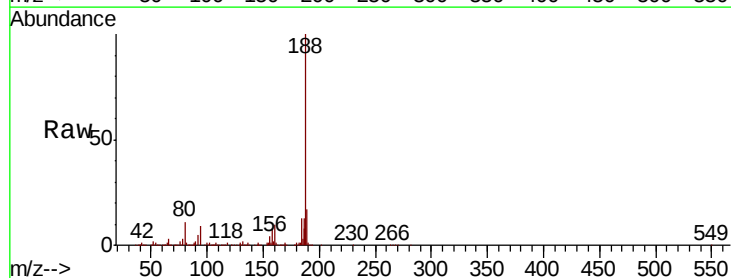
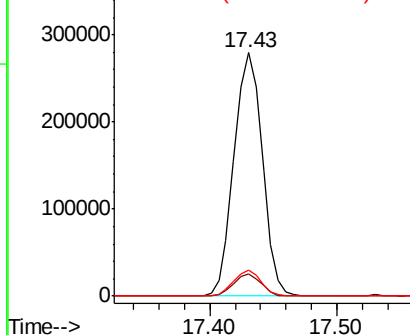
Delta R.T. -0.02 min

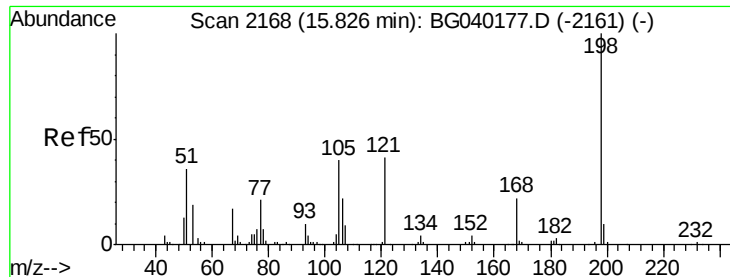
Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	188	Resp:	433088
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.5	8.6	13.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 19.554 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

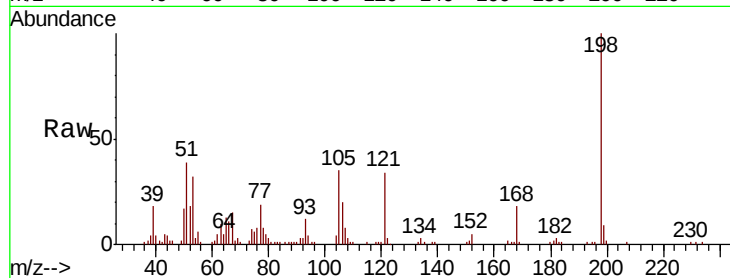
ClientSampleId :

NB-08-032919-AMSD

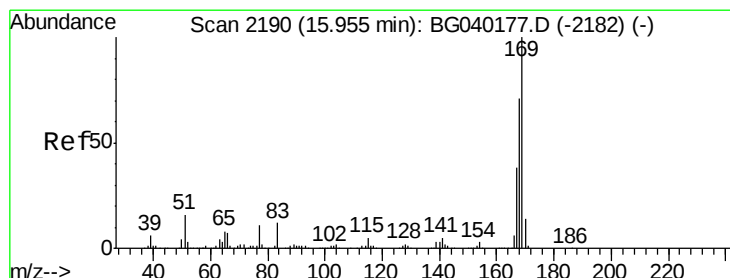
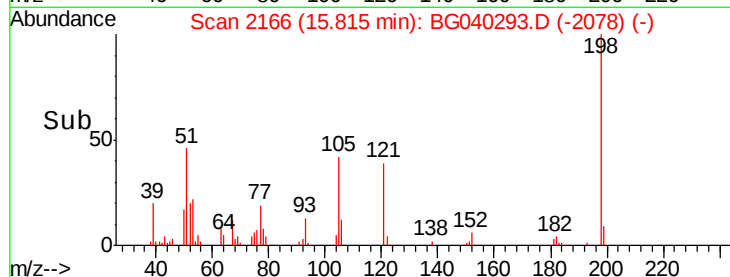
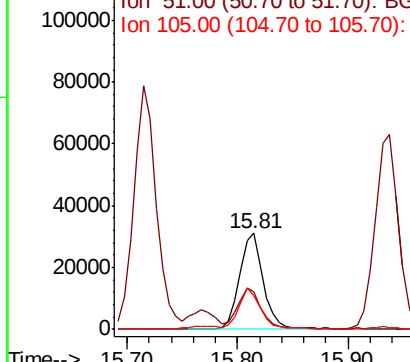
Tgt Ion:	198	Resp:	47577
Ion Ratio	Lower	Upper	
198	100		
51	38.9	27.3	67.3
105	35.3	21.7	61.7

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4/2/2019 4:00:38 PM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.602 ng

RT: 15.94 min Scan# 2187

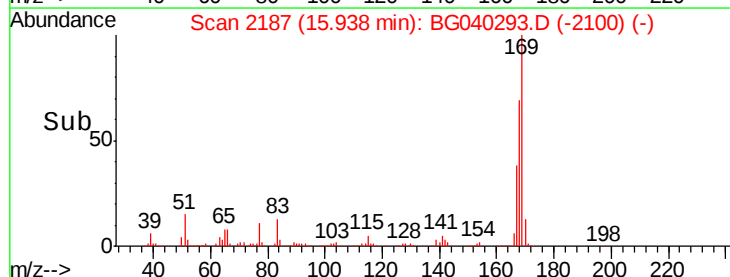
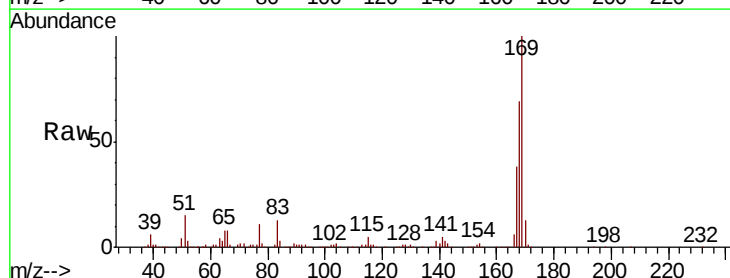
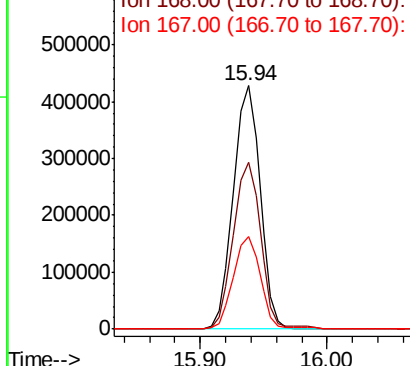
Delta R.T. -0.02 min

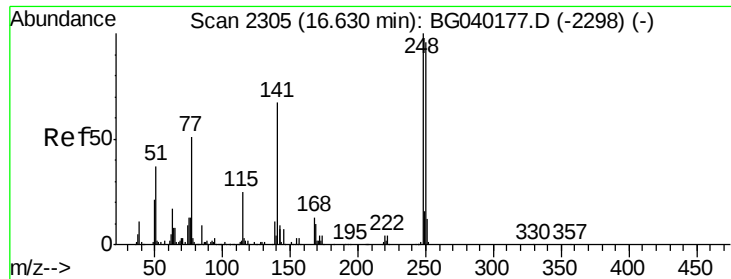
Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	169	Resp:	628624
Ion Ratio	Lower	Upper	
169	100		
168	68.7	56.8	85.2
167	38.3	30.2	45.4

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





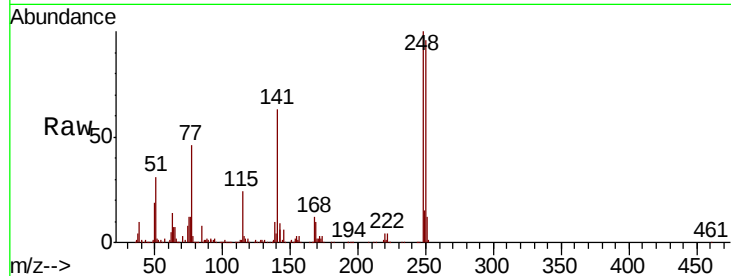
#67
 4-Bromophenyl-phenylether
 Concen: 49.820 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.4	114.6
141	63.3	53.8	80.8

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 4/2/2019 4:00:38 PM

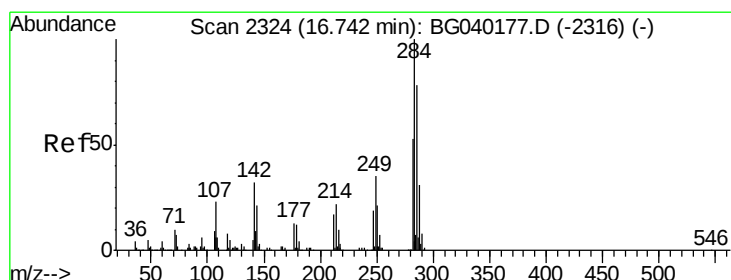
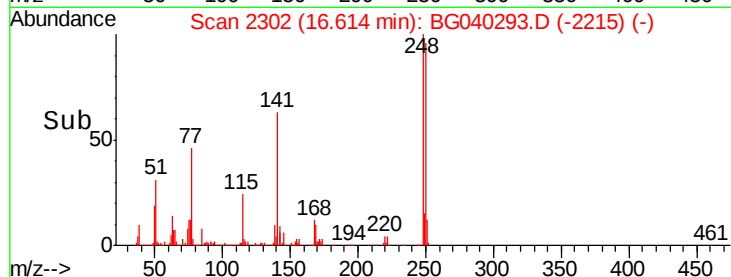
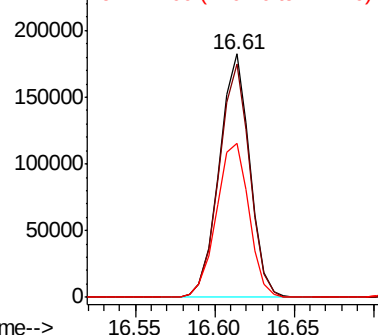


Abundance

Ion 248.00 (247.70 to 248.70): E

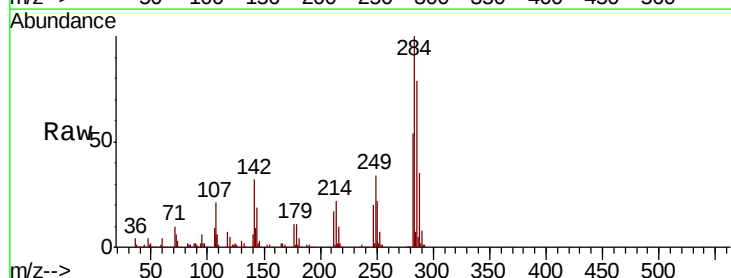
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 50.451 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.3	37.9
249	33.7	28.2	42.2

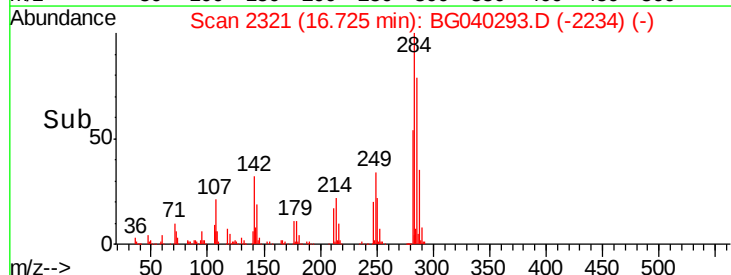
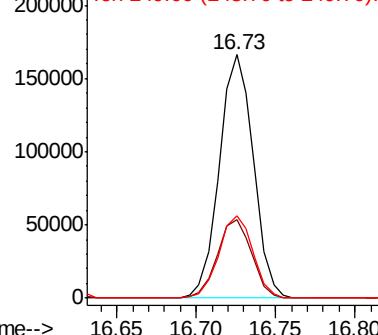


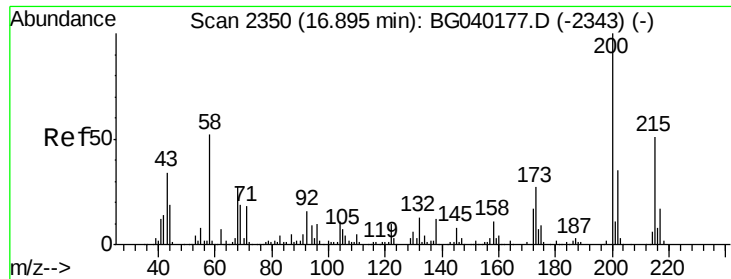
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





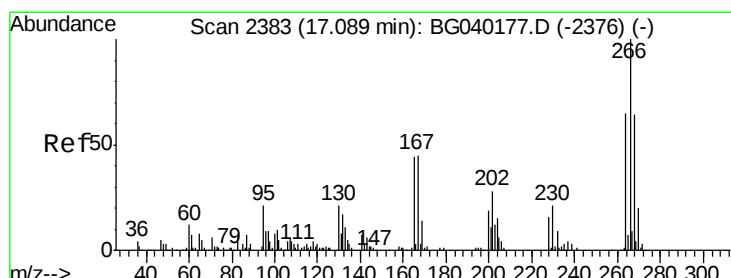
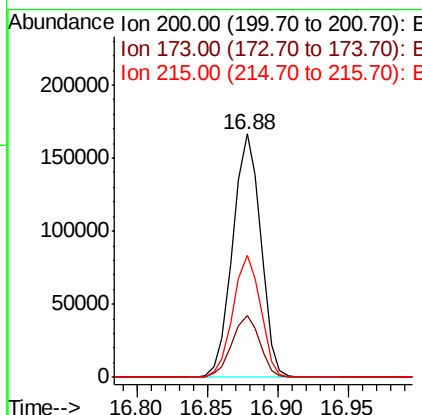
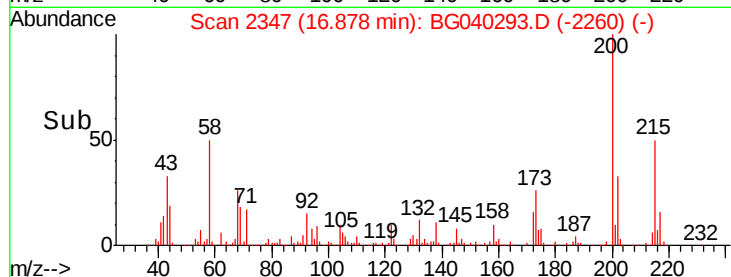
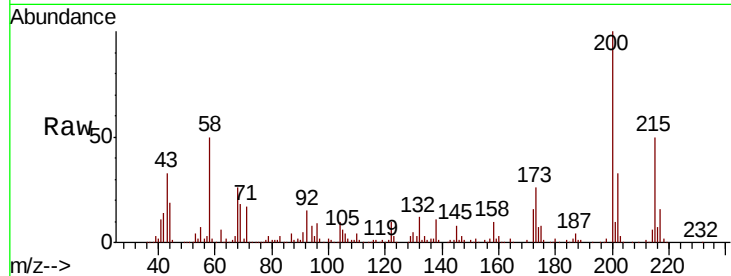
#69
 Atrazine
 Concen: 48.983 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	230923		
173	25.6	7.1	47.1	
215	50.2	30.9	70.9	

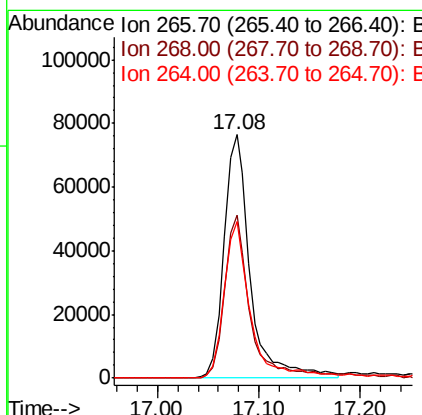
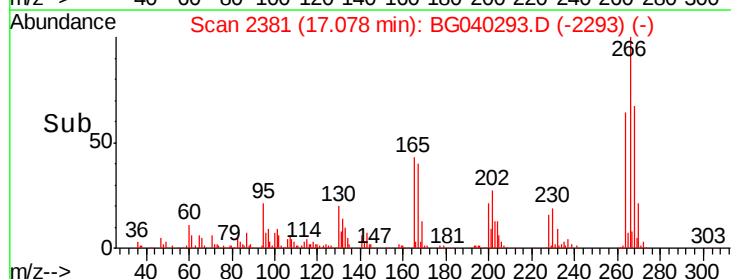
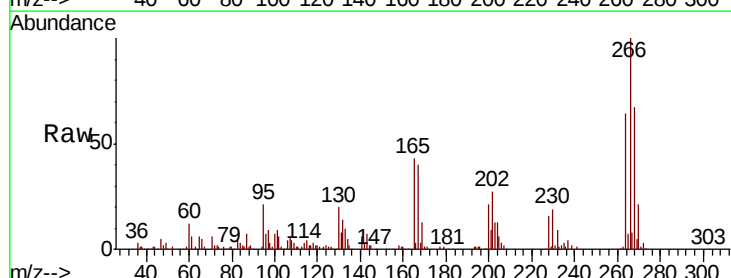
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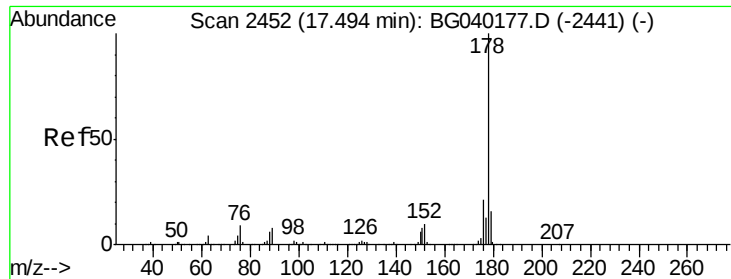
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#70
 Pentachlorophenol
 Concen: 48.532 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	137494		
268	66.8	55.0	82.4	
264	64.1	51.8	77.8	





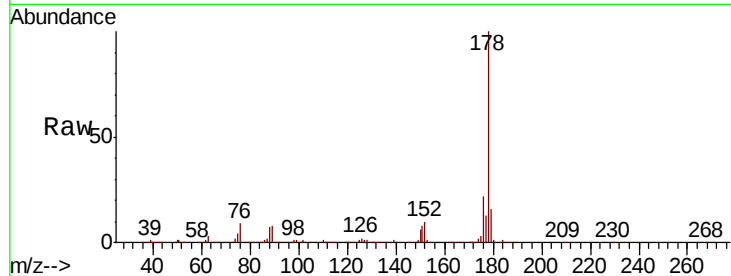
#71
Phenanthrene
Concen: 48.968 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

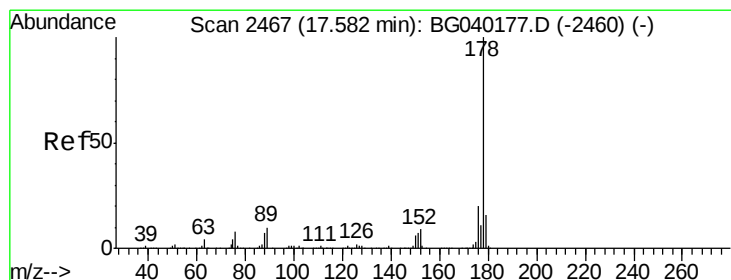
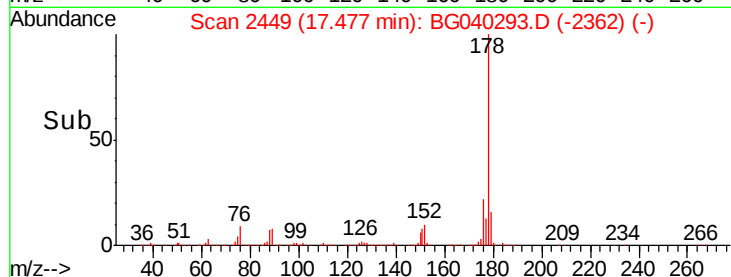
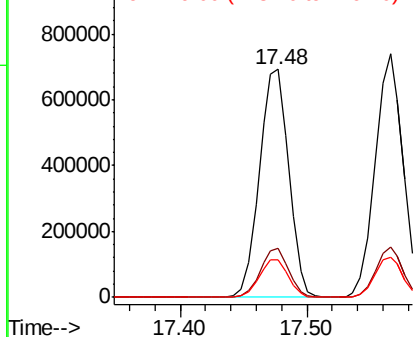
Tgt Ion:178 Resp: 1114710
Ion Ratio Lower Upper
178 100
176 21.7 16.7 25.1
179 16.4 12.8 19.2

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4/2/2019 4:00:38 PM



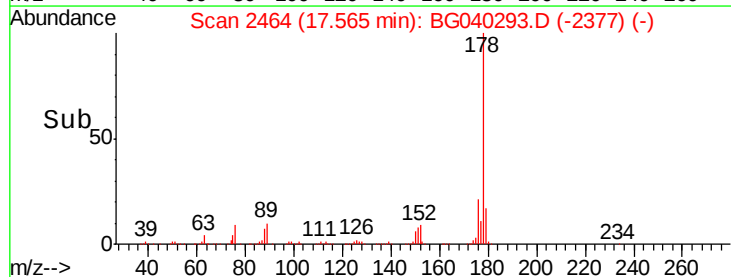
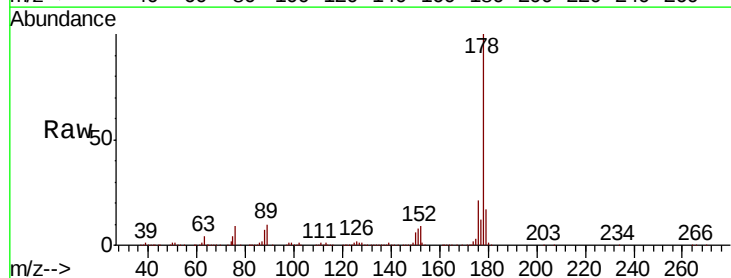
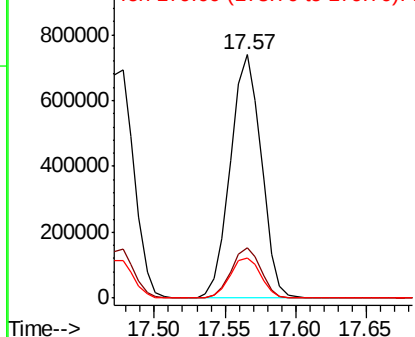
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

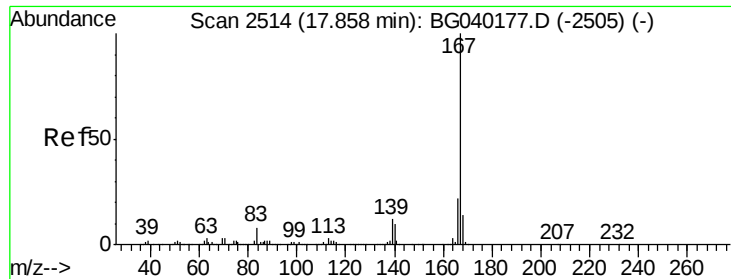


#72
Anthracene
Concen: 49.411 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:178 Resp: 1125829
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 16.7 12.9 19.3

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





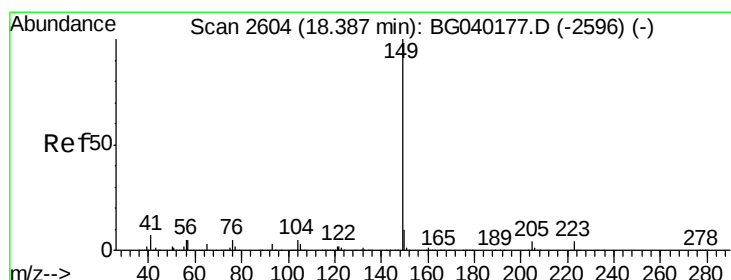
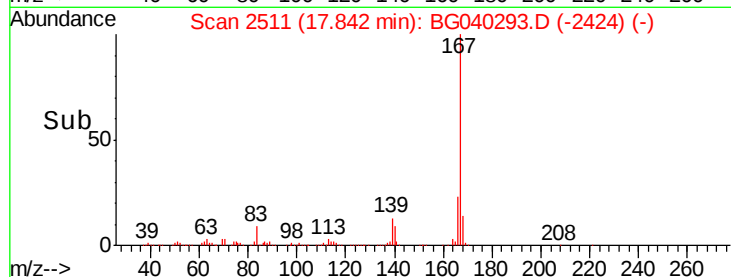
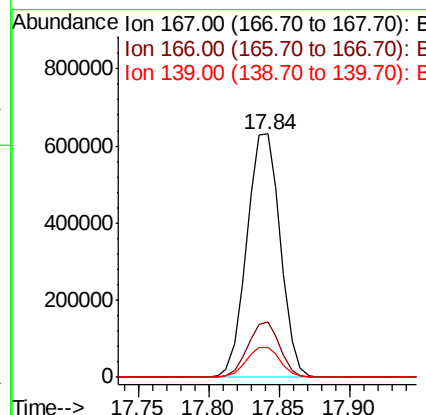
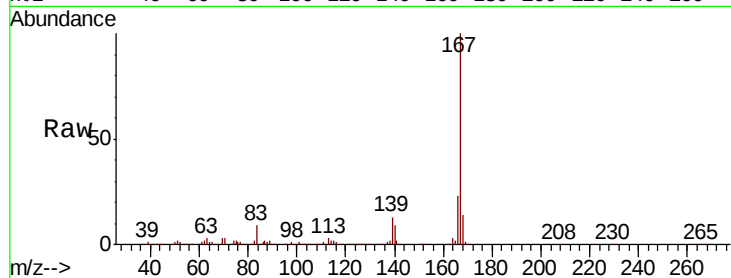
#73
 Carbazole
 Concen: 48.652 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	12.5	10.0	15.0

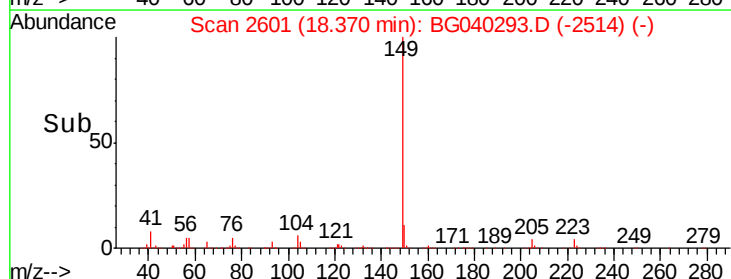
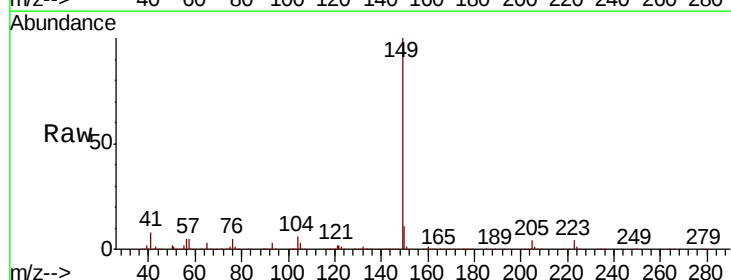
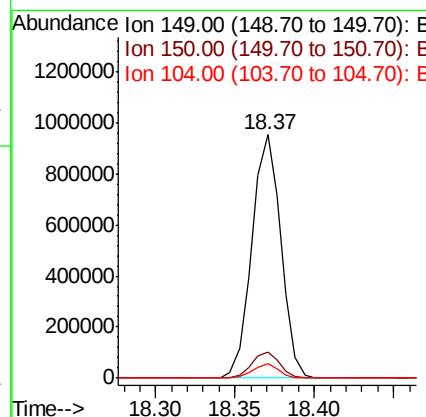
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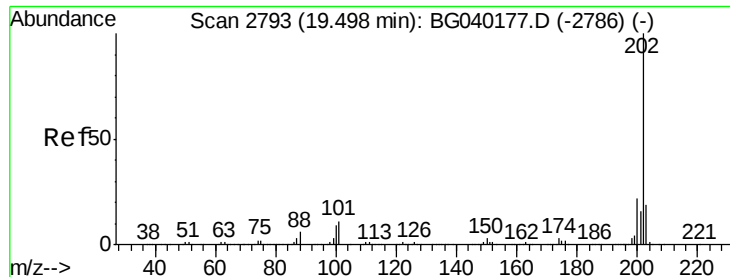
Sohil
 4/2/2019 4:00:38 PM



#74
 Di-n-butylphthalate
 Concen: 47.344 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.9	11.9
104	5.8	4.1	6.1





#75

Fluoranthene

Concen: 48.202 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

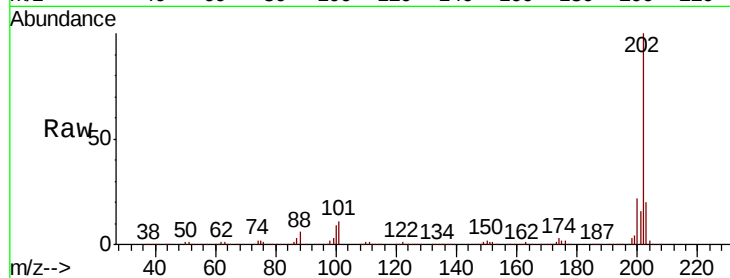
ClientSampleId :

NB-08-032919-AMSD

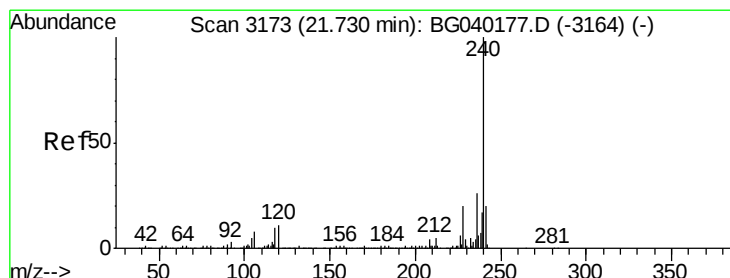
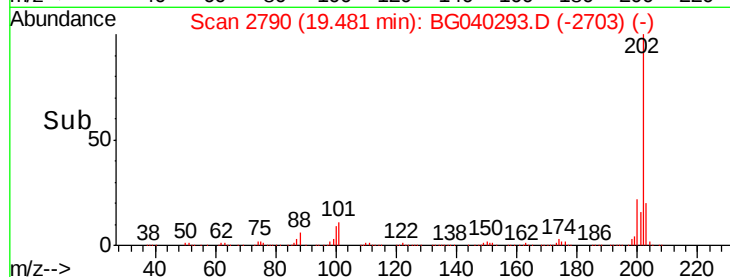
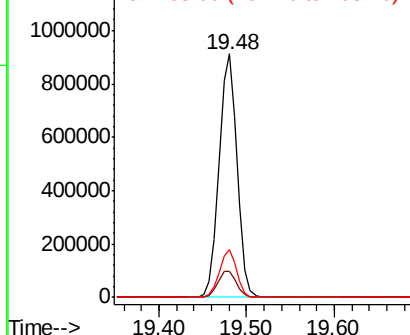
Tgt Ion:	202	Resp:	1299293
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.8
203	19.7	0.0	38.9

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4/2/2019 4:00:38 PM



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: 21.71 min Scan# 3170

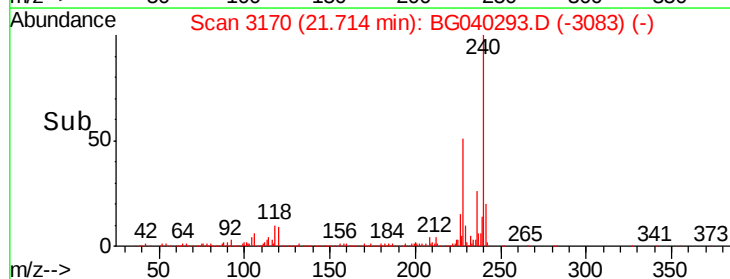
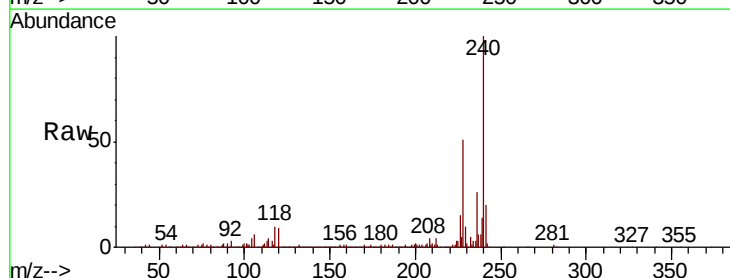
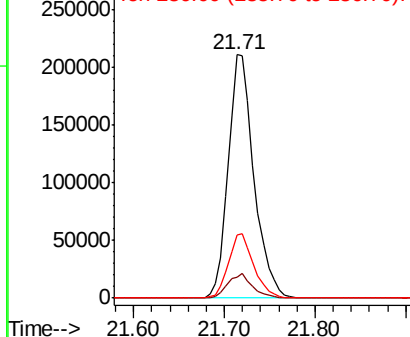
Delta R.T. -0.02 min

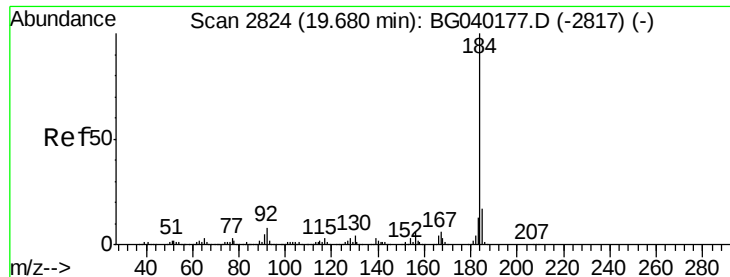
Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	240	Resp:	415144
Ion Ratio	Lower	Upper	
240	100		
120	8.8	8.4	12.6
236	25.8	20.8	31.2

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: 6.937 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

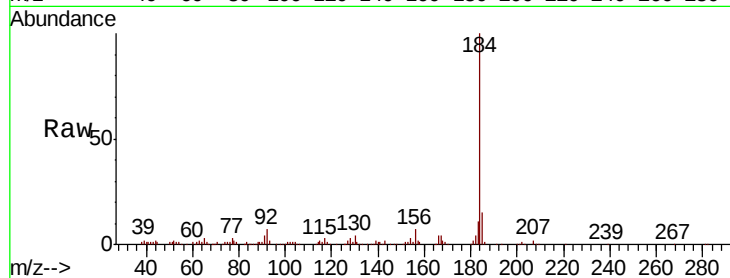
ClientSampleId :

NB-08-032919-AMSD

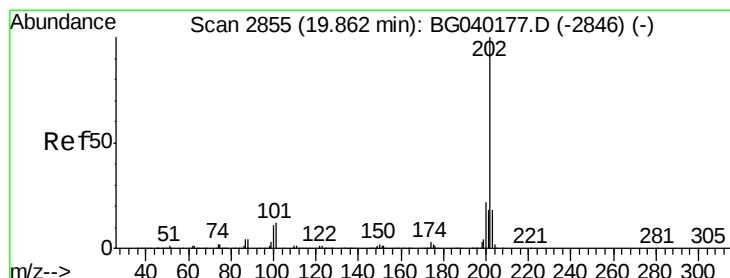
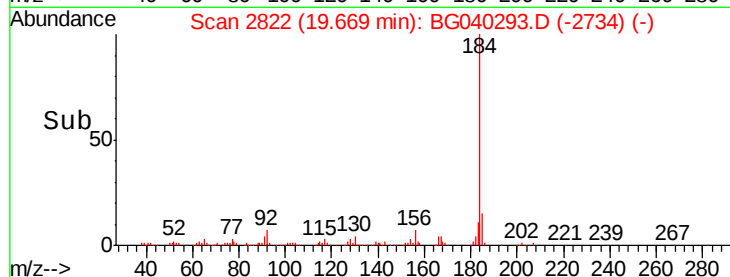
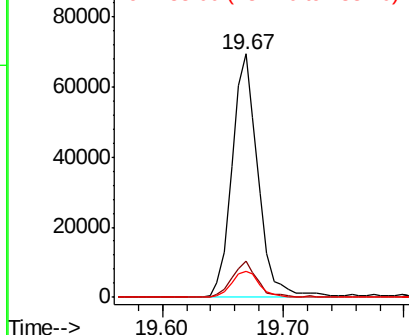
Tgt Ion:	184	Resp:	103989
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.3	19.9
183	10.9	10.3	15.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.576 ng

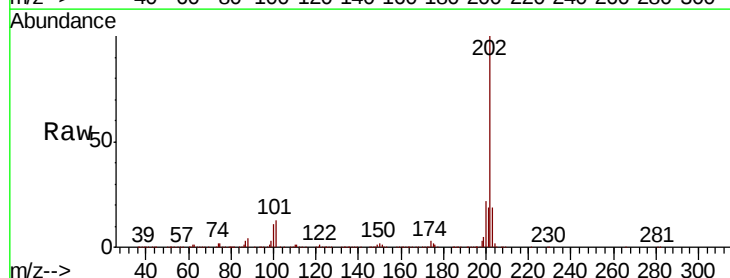
RT: 19.85 min Scan# 2852

Delta R.T. -0.02 min

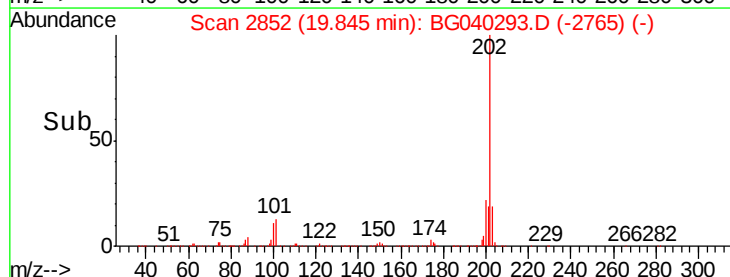
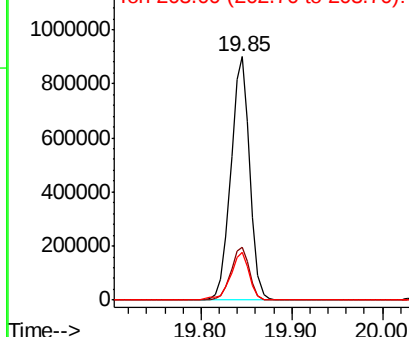
Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	202	Resp:	1298831
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.3	25.9
203	19.4	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.658 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

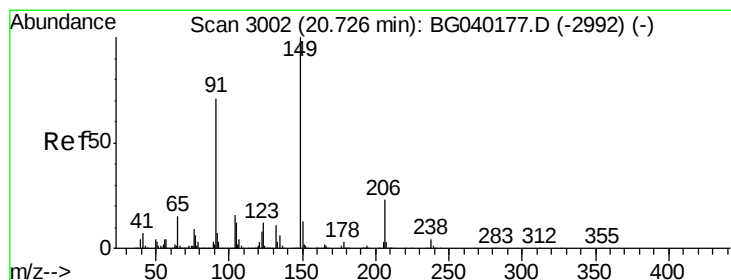
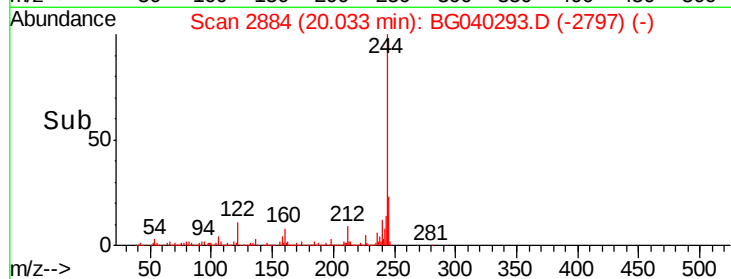
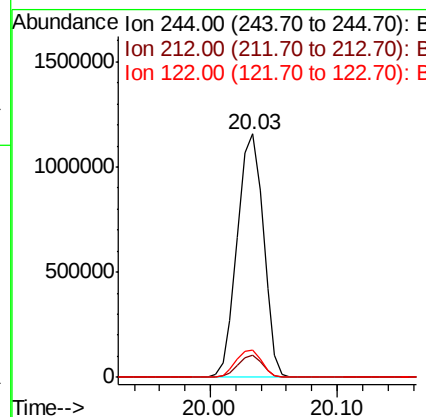
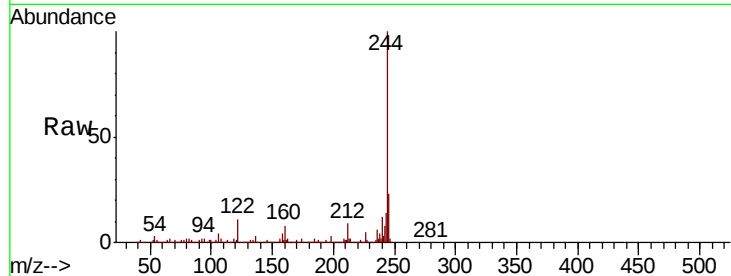
ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:	244	Resp:	1654515
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	11.4	8.5	12.7

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#80

Butylbenzylphthalate

Concen: 48.448 ng

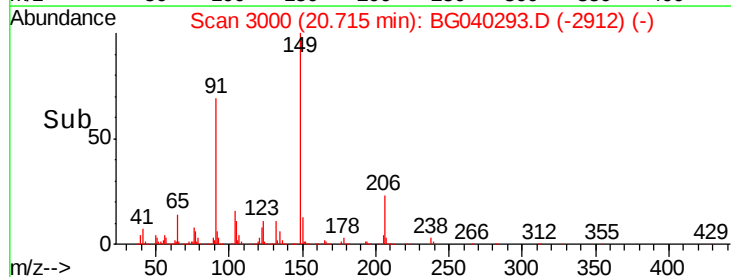
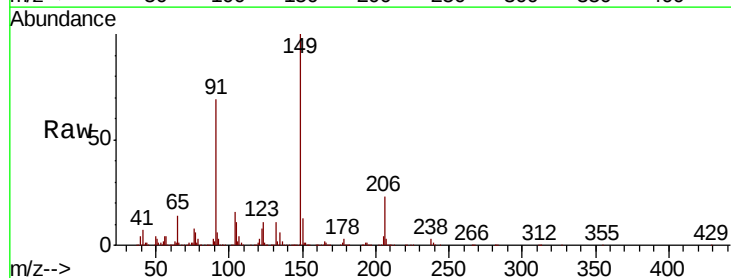
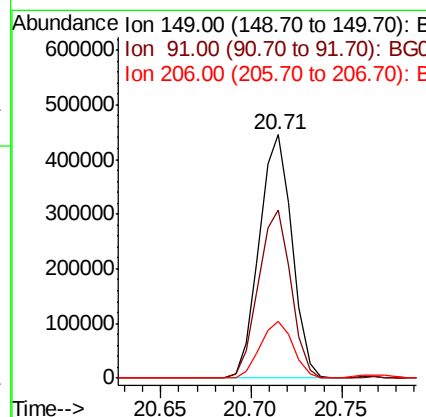
RT: 20.71 min Scan# 3000

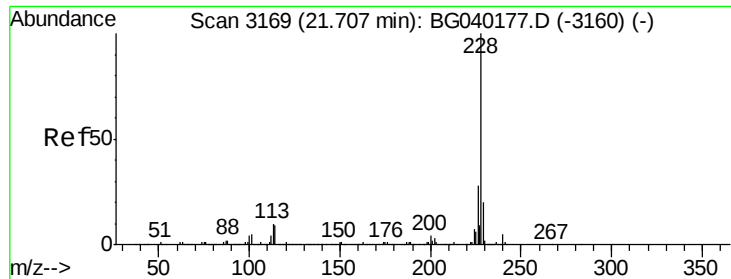
Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:	149	Resp:	565975
Ion	Ratio	Lower	Upper
149	100		
91	68.8	57.0	85.4
206	23.1	18.2	27.4





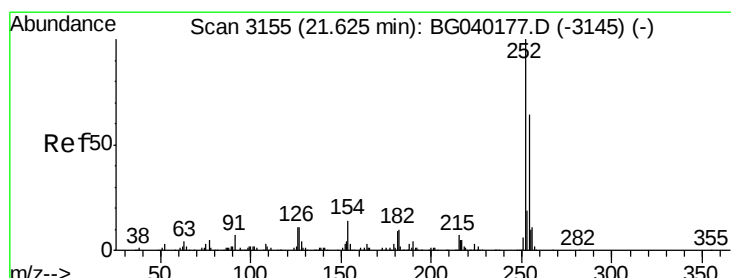
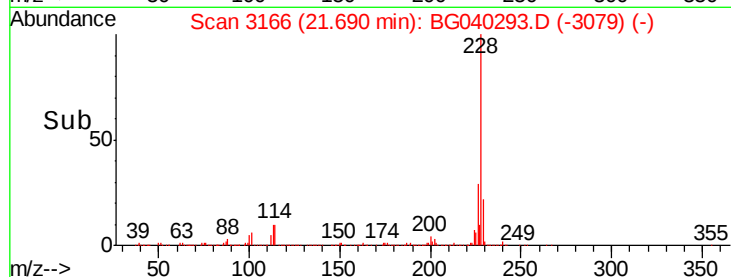
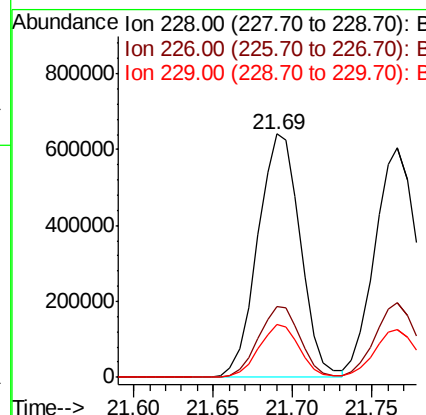
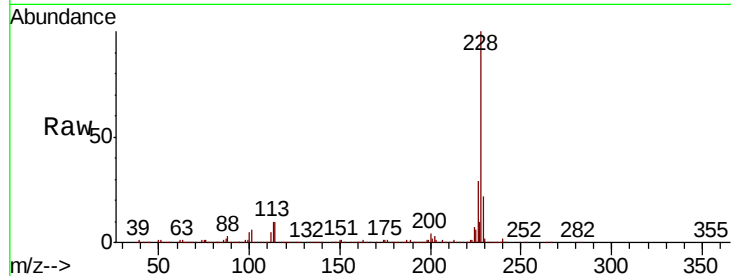
#81
Benzo(a)anthracene
Concen: 46.862 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion: 228 Resp: 1198303
Ion Ratio Lower Upper
228 100
226 29.3 22.6 34.0
229 21.9 16.1 24.1

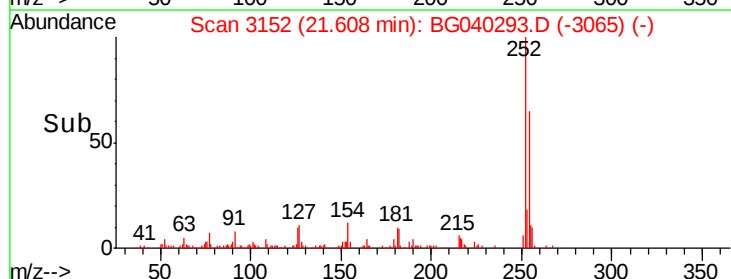
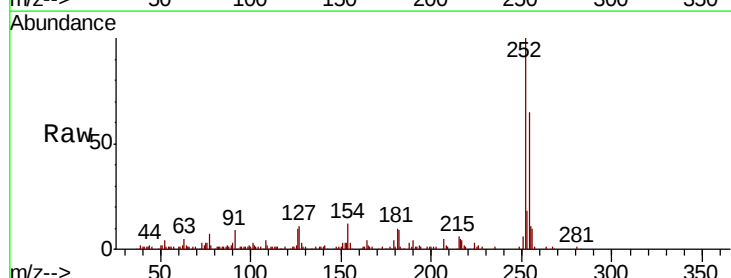
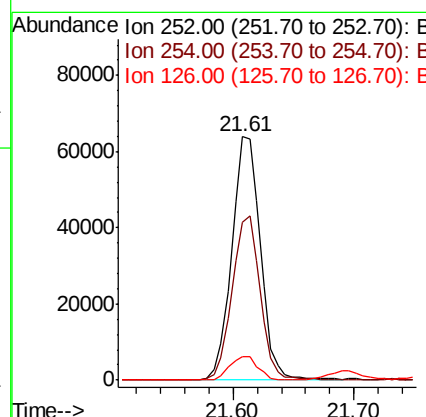
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4/2/2019 4:00:38 PM



#82
3,3'-Dichlorobenzidine
Concen: 10.851 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion: 252 Resp: 105550
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 9.8 8.5 12.7





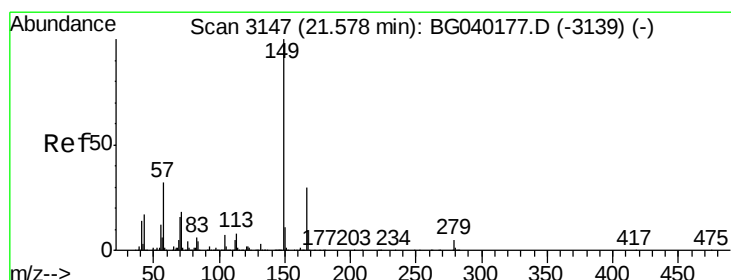
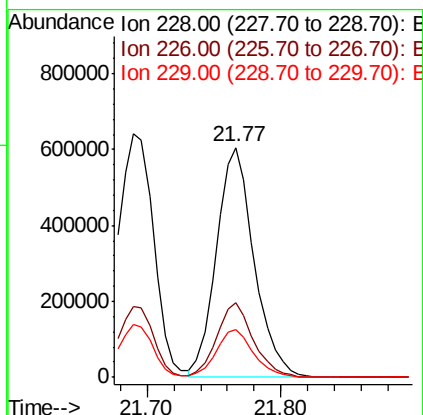
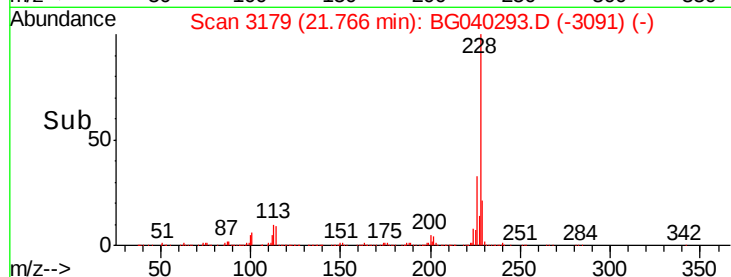
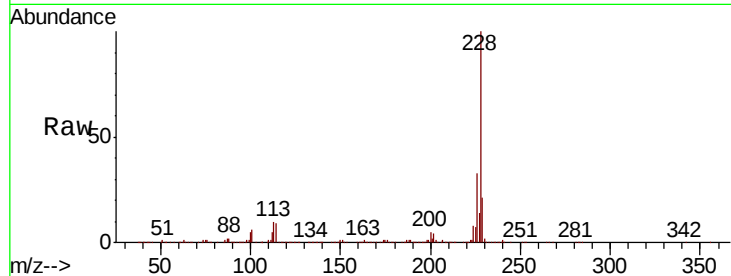
#83
Chrysene
Concen: 48.541 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion: 228 Resp: 1192883
Ion Ratio Lower Upper
228 100
226 32.6 25.4 38.0
229 20.8 17.0 25.4

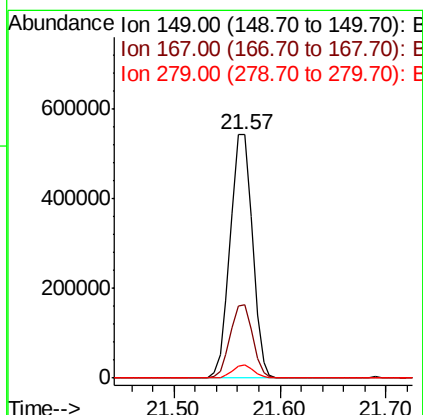
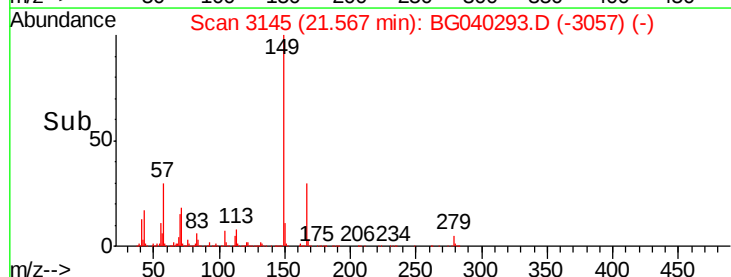
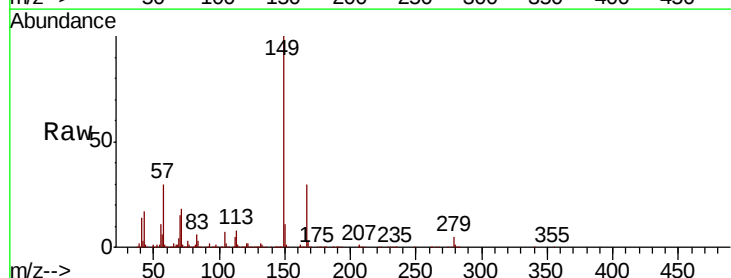
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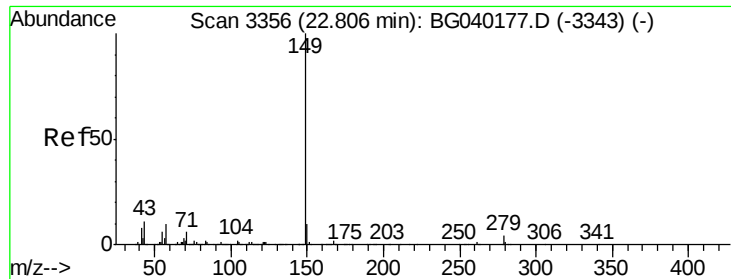
Sohil
4/2/2019 4:00:38 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.244 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion: 149 Resp: 788952
Ion Ratio Lower Upper
149 100
167 30.3 24.1 36.1
279 5.2 4.1 6.1





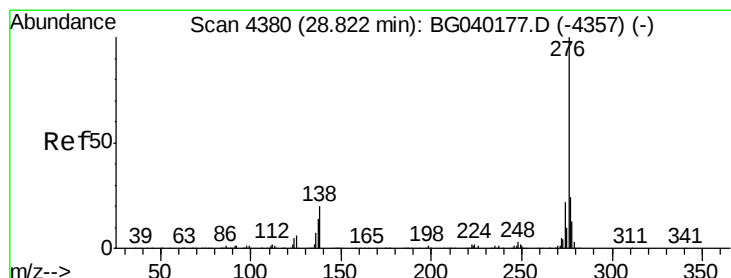
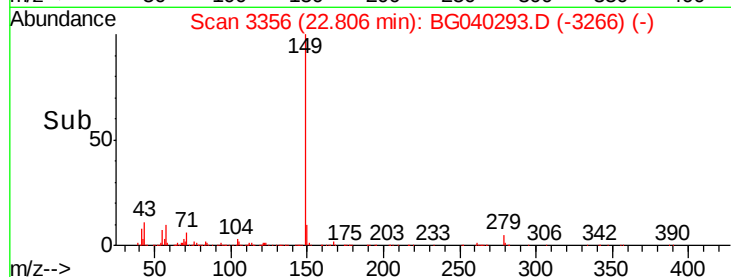
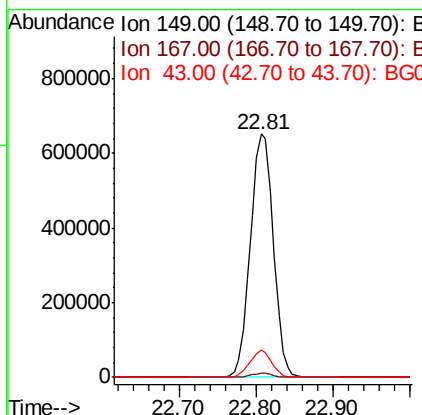
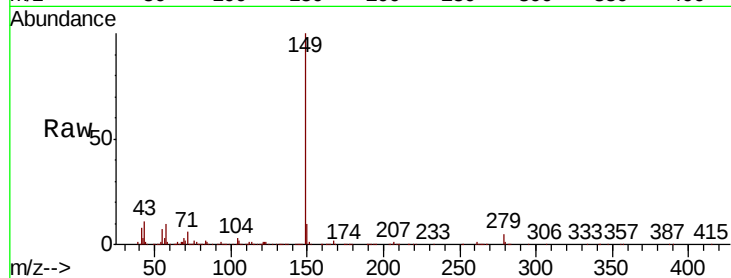
#85
Di-n-octyl phthalate
Concen: 47.828 ng
RT: 22.81 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.3	8.7	13.1

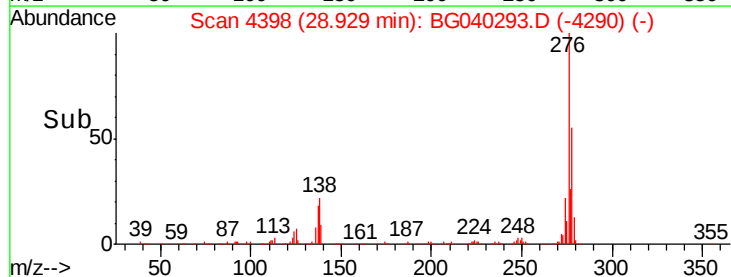
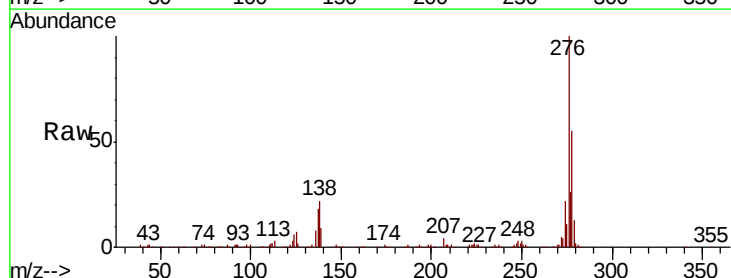
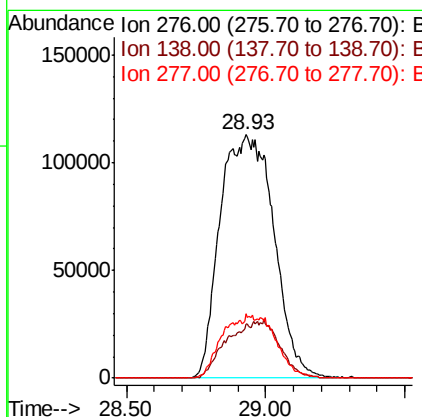
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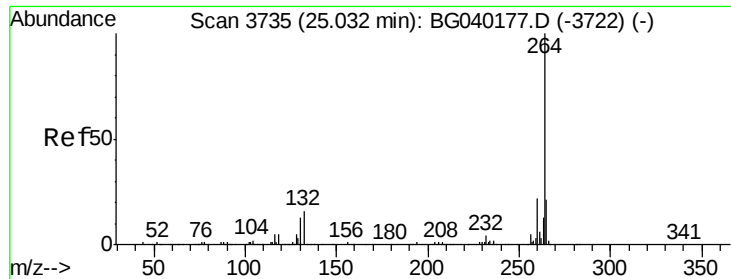
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.437 ng m
RT: 28.93 min Scan# 4398
Delta R.T. 0.11 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.8	28.2#
277	7.4	21.0	31.4#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3741

Delta R.T. 0.04 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

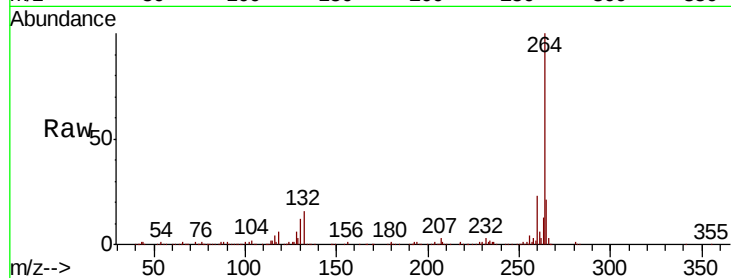
ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:	264	Resp:	421017
Ion Ratio	Lower	Upper	
264	100		
260	23.0	17.9	26.9
265	20.6	16.8	25.2

Manual Integrations
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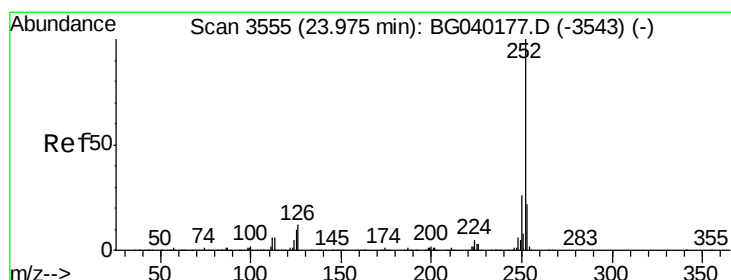
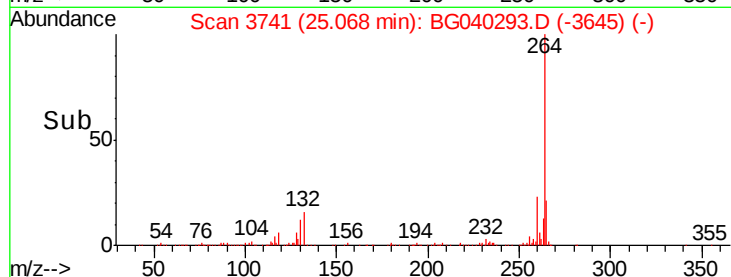
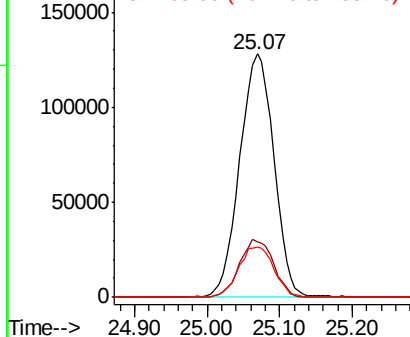


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.811 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

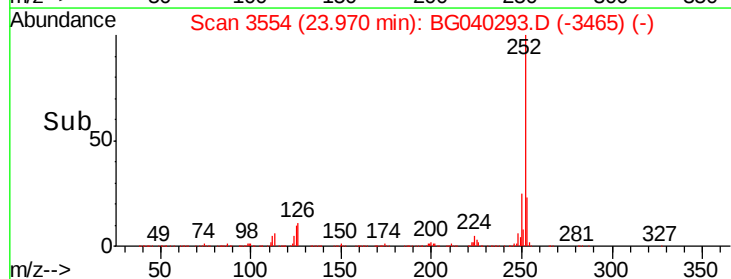
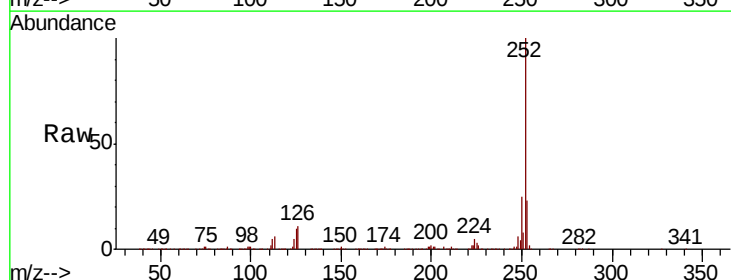
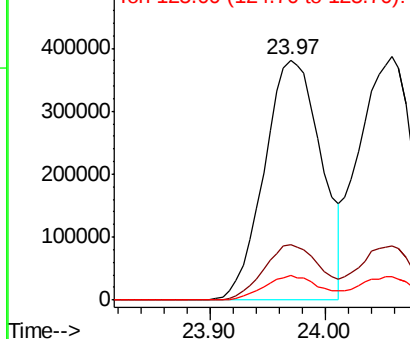
Tgt Ion:	252	Resp:	1309715
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	10.1	8.2	12.4

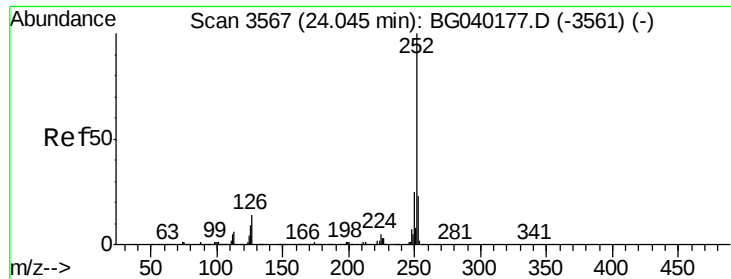
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





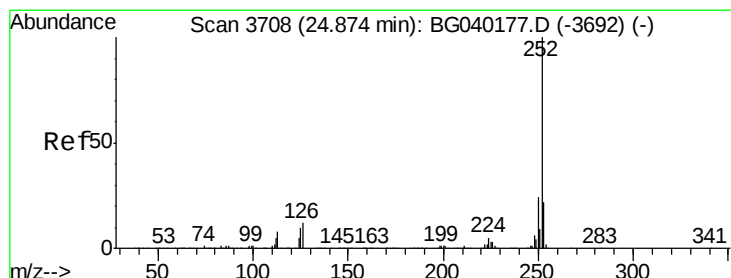
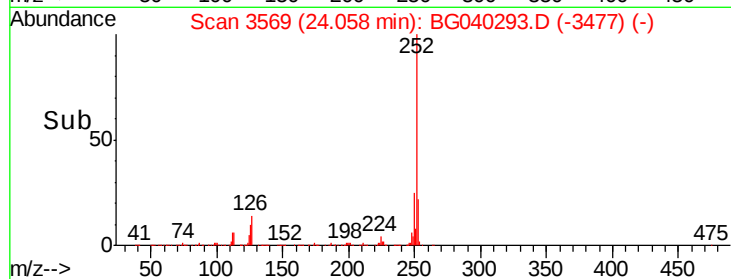
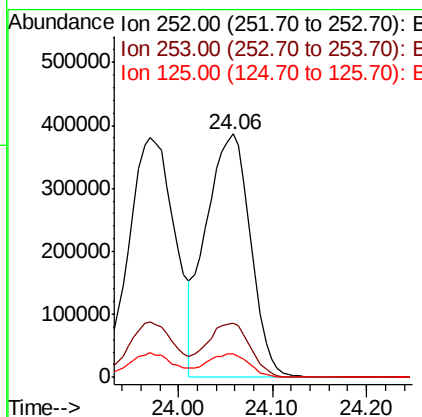
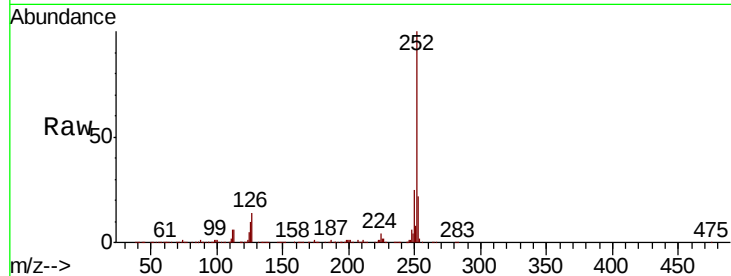
#89
Benzo(k)fluoranthene
Concen: 53.598 ng
RT: 24.06 min Scan# 3569
Delta R.T. 0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	9.7	7.3	10.9

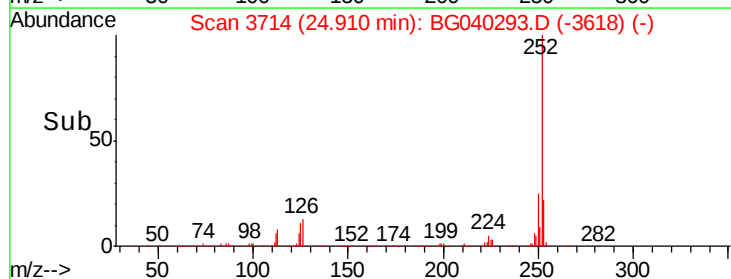
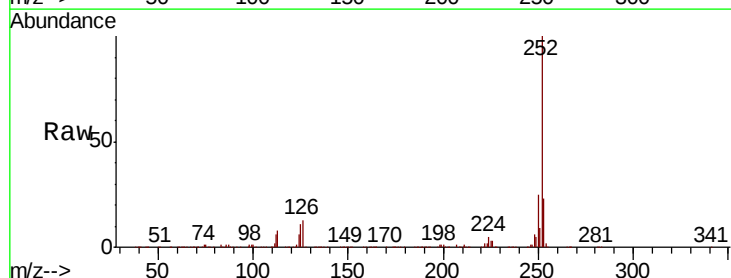
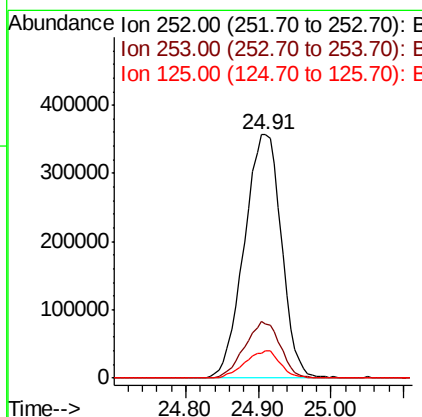
Manual Integrations
APPROVED

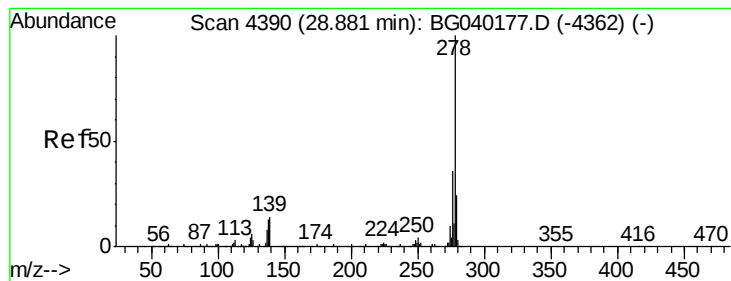
Sohil
4/2/2019 4:00:38 PM



#90
Benzo(a)pyrene
Concen: 52.520 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.04 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.3	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 55.460 ng m

RT: 29.01 min Scan# 4412

Delta R.T. 0.13 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMSD

Tgt Ion:278 Resp: 1245744

Ion Ratio Lower Upper

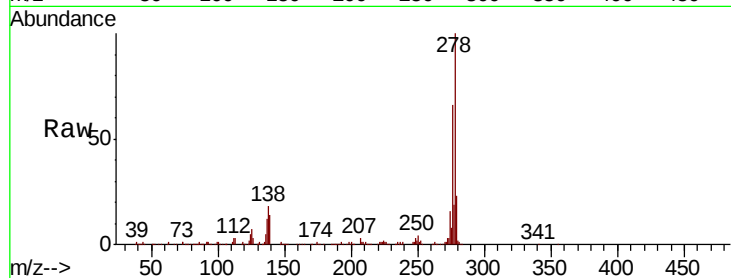
278 100

139 14.4 11.2 16.8

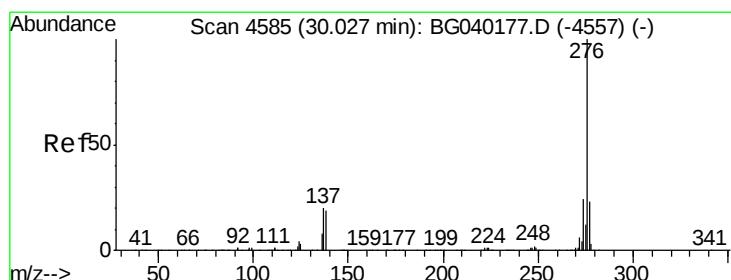
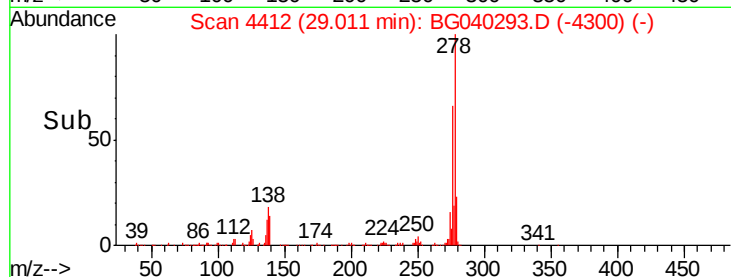
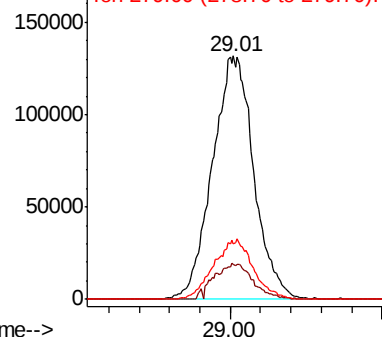
279 22.7 18.9 28.3

Manual Integrations
APPROVED

Sohil
4/2/2019 4:00:38 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.482 ng m

RT: 30.28 min Scan# 4628

Delta R.T. 0.25 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

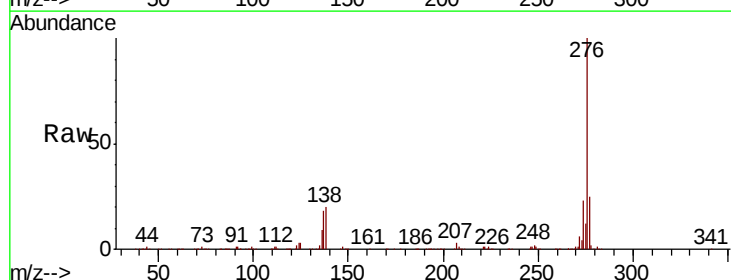
Tgt Ion:276 Resp: 1257675

Ion Ratio Lower Upper

276 100

277 25.3 18.6 28.0

138 20.1 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

