

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040846.D
 Acq On : 10 May 2019 11:33
 Operator : HP/JU
 Sample : K2764-20MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:39:09 PM

Quant Time: May 10 15:33:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	58508	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	239158	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	183188	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	444984	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	427455	20.00	ng	-0.02
87) Perylene-d12	25.16	264	469884	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	562079	169.35	ng	0.00
7) Phenol-d6	7.29	99	839494	164.27	ng	0.00
23) Nitrobenzene-d5	9.33	82	588755	113.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	436268	173.26	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	1129414	89.04	ng	-0.02
79) Terphenyl-d14	20.11	244	1716872	88.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	61321	40.624	ng	91
3) Pyridine	3.95	79	148803	34.010	ng	97
4) n-Nitrosodimethylamine	3.87	42	112197	46.232	ng	# 95
6) Aniline	7.47	93	125644	18.549	ng	100
8) 2-Chlorophenol	7.71	128	219302	54.112	ng	96
9) Benzaldehyde	7.28	77	125296	41.223	ng	96
10) Phenol	7.32	94	301988	54.972	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	205235	49.821	ng	98
12) 1,3-Dichlorobenzene	8.03	146	230789	52.173	ng	97
13) 1,4-Dichlorobenzene	8.18	146	234934	52.391	ng	99
14) 1,2-Dichlorobenzene	8.50	146	229707	53.116	ng	93
15) Benzyl Alcohol	8.38	79	260546	48.998	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	339303	41.370	ng	96
17) 2-Methylphenol	8.57	107	213291	54.863	ng	95
18) Hexachloroethane	9.23	117	91373	49.673	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	205115	44.587	ng	93
20) 3+4-Methylphenols	8.90	107	292573	54.022	ng	98
22) Acetophenone	8.97	105	372589	56.025	ng	# 94
24) Nitrobenzene	9.37	77	315025	57.045	ng	95
25) Isophorone	9.88	82	580013	50.308	ng	97
26) 2-Nitrophenol	10.07	139	138035	69.731	ng	97
27) 2,4-Dimethylphenol	10.12	122	238151	64.120	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	298862	51.666	ng	99
29) 2,4-Dichlorophenol	10.61	162	273773	64.837	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	288033	61.513	ng	99
31) Naphthalene	11.02	128	726374	57.169	ng	98
32) Benzoic acid	10.27	122	158450	62.318	ng	96
33) 4-Chloroaniline	11.12	127	53872	9.563	ng	94
34) Hexachlorobutadiene	11.28	225	208217	60.232	ng	99
35) Caprolactam	11.92	113	89414m	53.635	ng	
36) 4-Chloro-3-methylphenol	12.23	107	321398	60.337	ng	99
37) 2-Methylnaphthalene	12.61	142	554252	58.344	ng	100
38) 1-Methylnaphthalene	12.83	142	527519	56.811	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	397047	58.182	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	329101	81.727	nq	98
43) 2,4,6-Trichlorophenol	13.20	196	268988	65.226	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	290063	64.567	nq	95
46) 1,1'-Biphenyl	13.61	154	730590	51.367	nq	96
47) 2-Chloronaphthalene	13.66	162	617610	55.487	nq	98
48) 2-Nitroaniline	13.86	65	242585	61.226	nq	95
49) Acenaphthylene	14.50	152	991563	52.507	nq	98
50) Dimethylphthalate	14.23	163	930607	60.717	nq	99
51) 2,6-Dinitrotoluene	14.36	165	186691	62.410	nq	86
52) Acenaphthene	14.84	154	572591	52.065	nq	97
53) 3-Nitroaniline	14.69	138	94665	30.886	nq	# 85
54) 2,4-Dinitrophenol	14.88	184	180935	104.857	nq	91
55) Dibenzofuran	15.17	168	965967	53.625	nq	99
56) 4-Nitrophenol	14.98	139	293470	110.423	nq	91
57) 2,4-Dinitrotoluene	15.14	165	263761	64.890	nq	91
58) Fluorene	15.82	166	772885	53.085	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	299653	66.270	nq	95
60) Diethylphthalate	15.57	149	831055	51.391	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	479152	56.585	nq	97
62) 4-Nitroaniline	15.85	138	179238	52.278	nq	89
63) Azobenzene	16.10	77	792548	47.589	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	139725	61.400	nq	88
66) n-Nitrosodiphenylamine	16.02	169	708084	54.086	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	319769	57.680	nq	93
68) Hexachlorobenzene	16.81	284	322689	56.292	nq	97
69) Atrazine	16.96	200	303049	58.425	nq	99
70) Pentachlorophenol	17.16	266	427681	127.498	nq	97
71) Phenanthrene	17.56	178	1427778	59.570	nq	96
72) Anthracene	17.65	178	1300496	53.981	nq	97
73) Carbazole	17.92	167	1126407	51.318	nq	98
74) Di-n-butylphthalate	18.46	149	1269789	47.930	nq	99
75) Fluoranthene	19.56	202	1800442	60.280	nq	96
77) Benzdine	19.74	184	160904	13.748	nq	98
78) Pyrene	19.93	202	2091973m	78.085	nq	
80) Butylbenzylphthalate	20.79	149	589865	56.490	nq	95
81) Benzo(a)anthracene	21.78	228	1715813	63.512	nq	94
82) 3,3'-Dichlorobenzidine	21.69	252	266577	27.685	nq	98
83) Chrysene	21.85	228	1734119	67.495	nq	95
84) Bis(2-ethylhexyl)phthalate	21.65	149	833537	55.300	nq	96
85) Di-n-octyl phthalate	22.91	149	1421319	55.991	nq	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1949501	62.759	nq	# 90
88) Benzo(b)fluoranthene	24.09	252	1816015	63.245	nq	96
89) Benzo(k)fluoranthene	24.16	252	1606526m	59.909	nq	
90) Benzo(a)pyrene	25.01	252	1706071	62.769	nq	99
91) Dibenzo(a,h)anthracene	29.11	278	1482104	53.884	nq	96
92) Benzo(g,h,i)perylene	30.26	276	1642640	60.007	nq	98

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

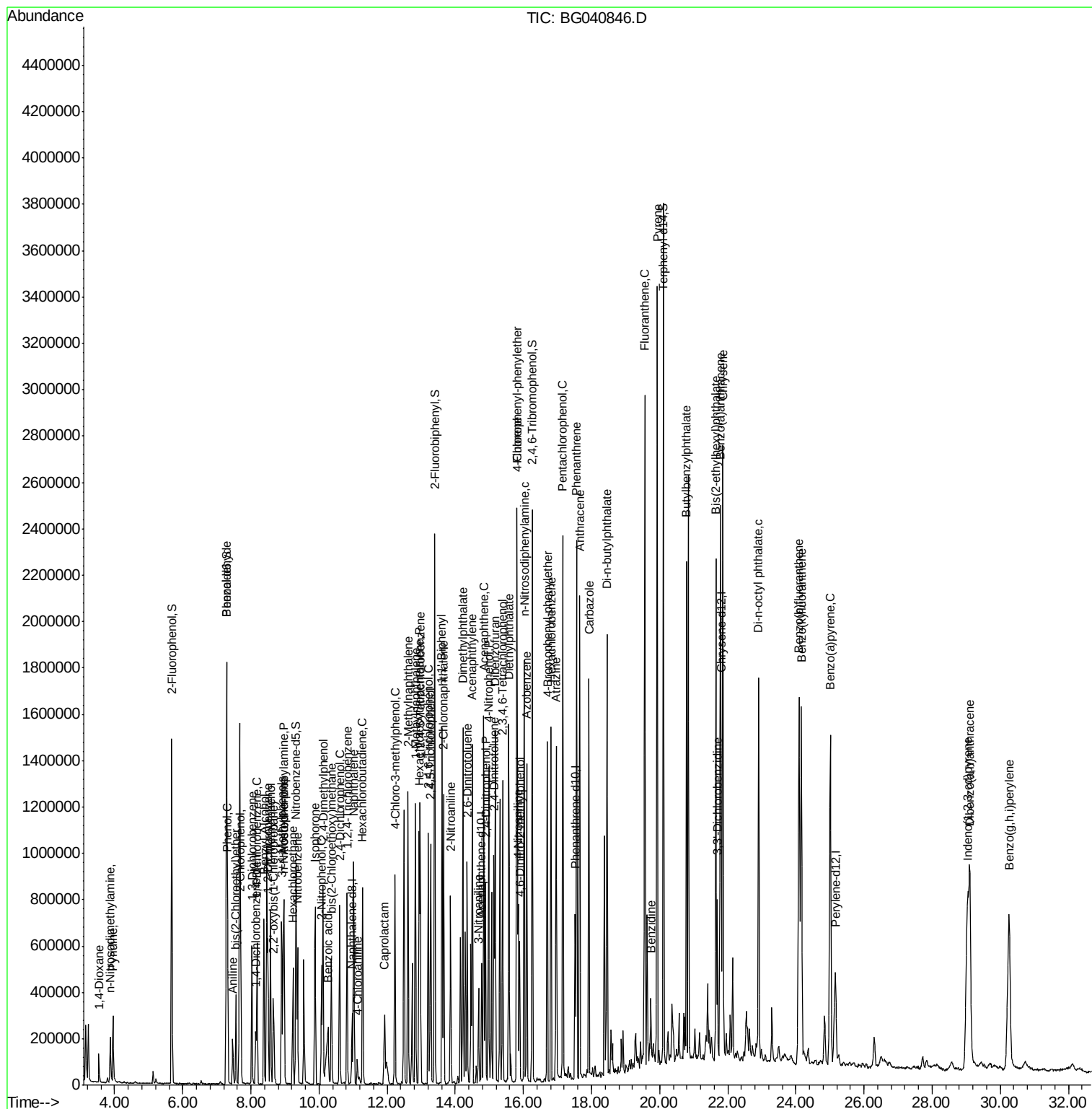
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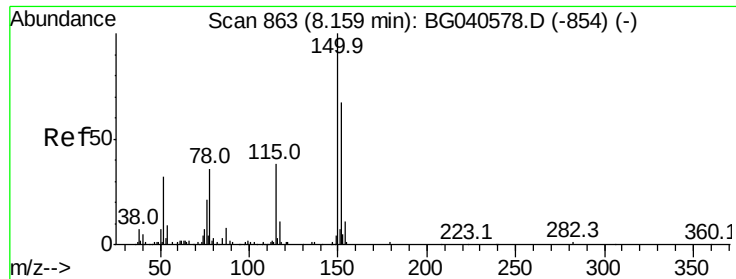
Instrument :
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ClientSampleId :
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#1

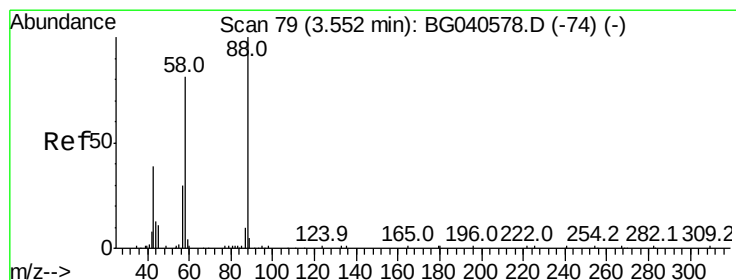
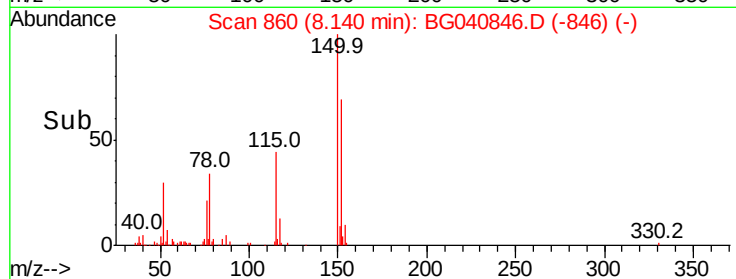
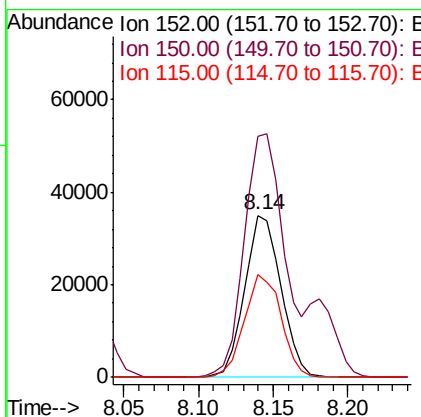
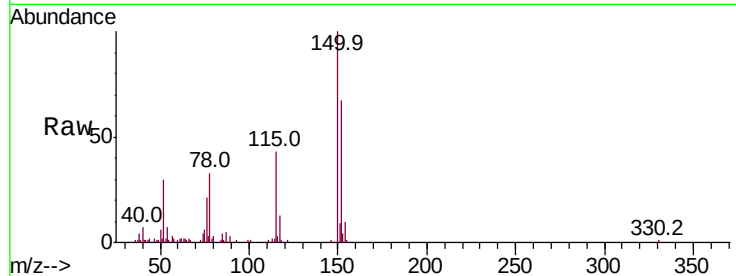
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	120.2	180.2
115	63.7	46.2	69.2

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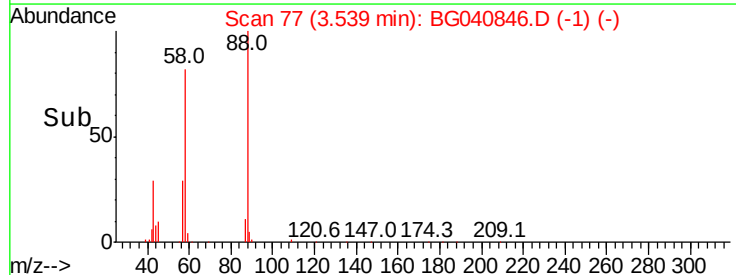
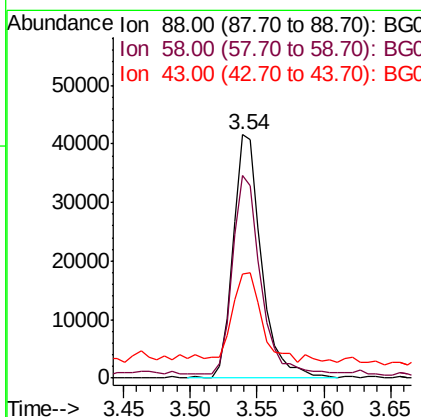
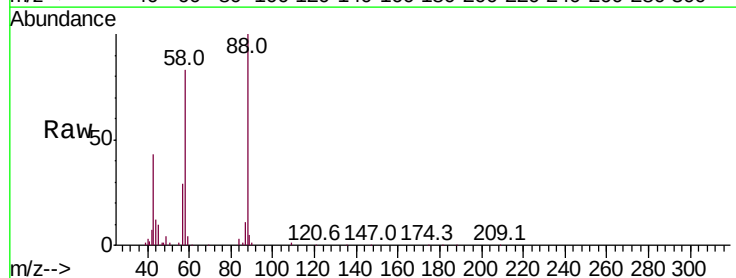
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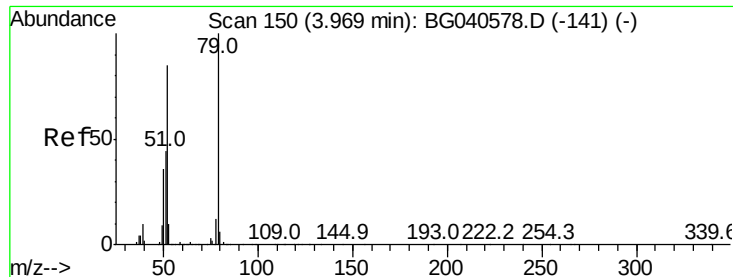


#2

1,4-Dioxane
Concen: 40.624 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	71.2	106.8
43	38.6	35.6	53.4





#3

Pvridine

Concen: 34.010 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

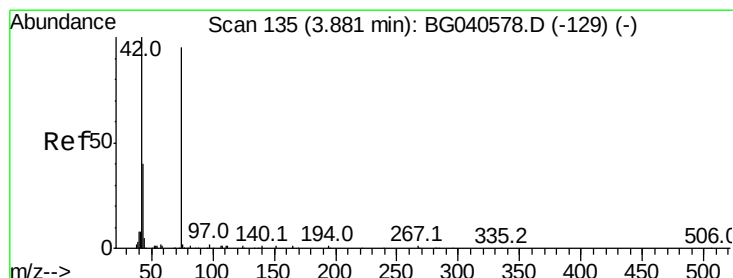
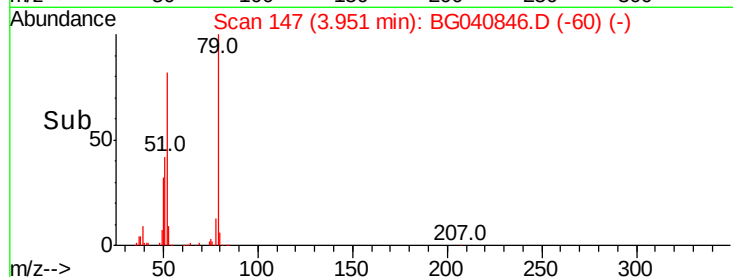
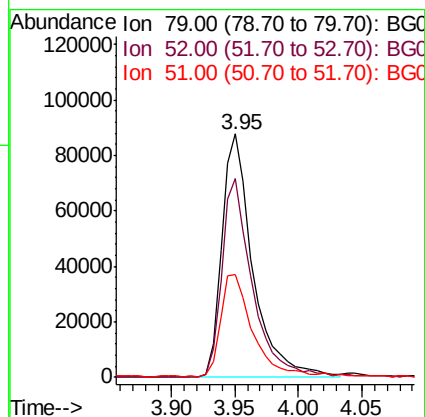
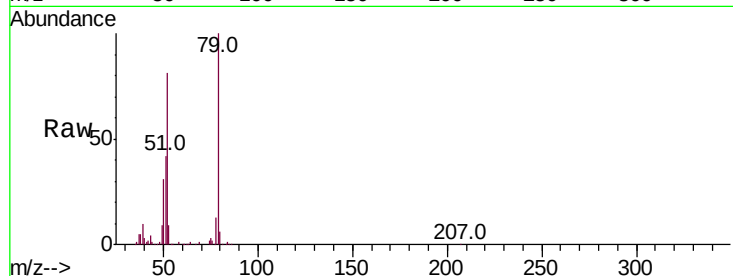
ClientSampleId :

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Tot Ion:	79	Resp:	148803
Ion Ratio	Lower	Upper	
79	100		
52	81.4	67.5	101.3
51	42.3	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 46.232 ng

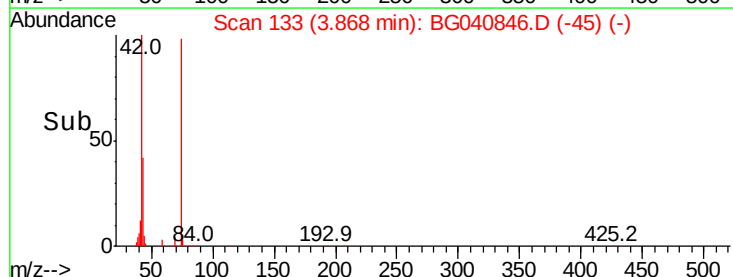
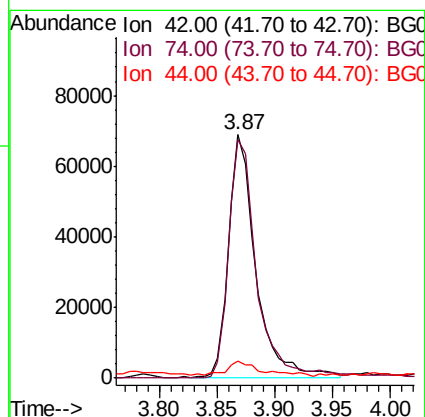
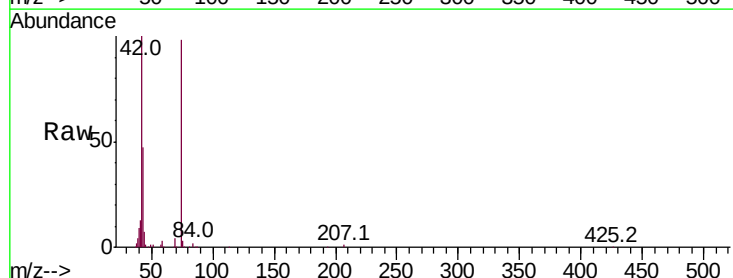
RT: 3.87 min Scan# 133

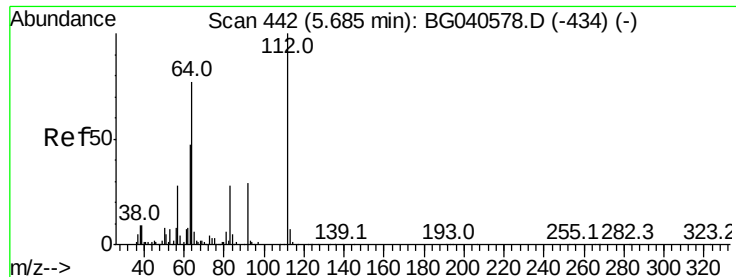
Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	42	Resp:	112197
Ion Ratio	Lower	Upper	
42	100		
74	98.2	74.6	111.8
44	7.0	7.4	11.0#





#5

2-Fluorophenol

Concen: 169.347 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

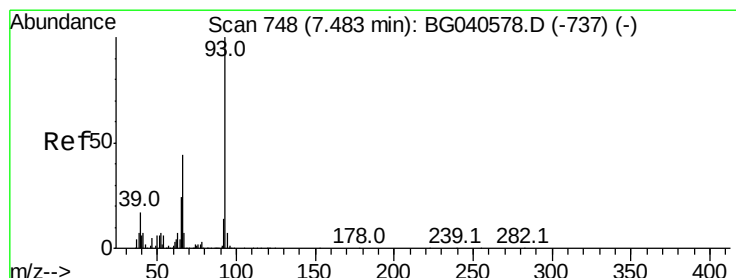
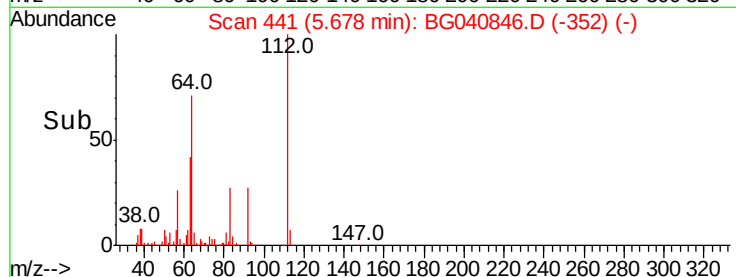
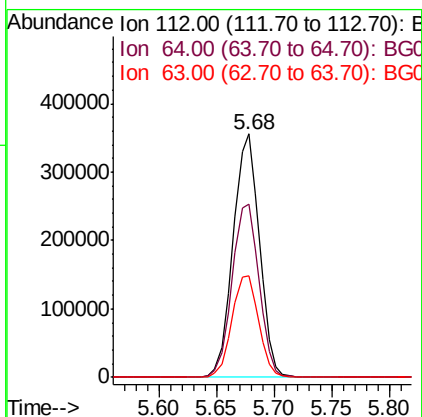
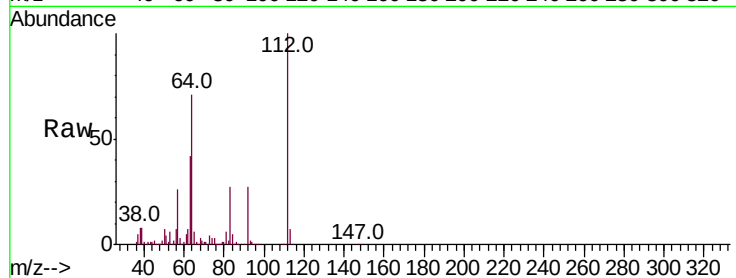
ClientSampleId :

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Tot Ion:	112	Resp:	562079
Ion Ratio	Lower	Upper	
112	100		
64	71.1	61.4	92.0
63	41.9	37.8	56.6

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#6

Aniline

Concen: 18.549 ng

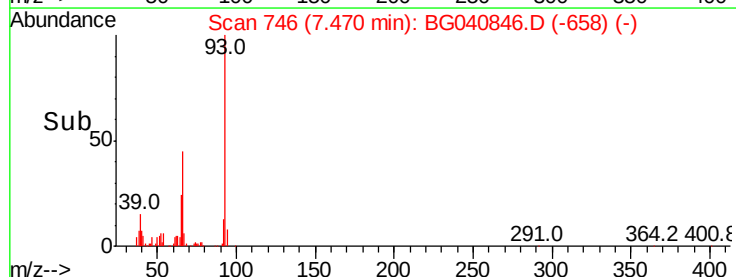
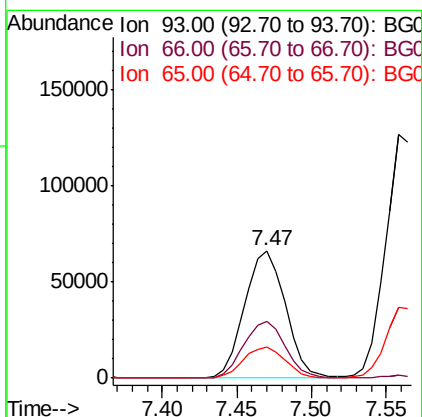
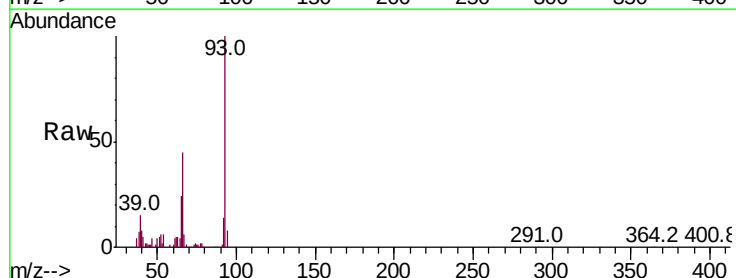
RT: 7.47 min Scan# 746

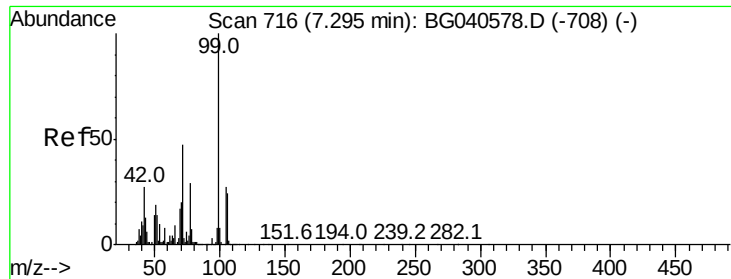
Delta R.T. -0.01 min

Lab File: BG040846.D

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Tgt Ion:	93	Resp:	125644
Ion Ratio	Lower	Upper	
93	100		
66	44.6	35.5	53.3
65	24.3	19.2	28.8





#7

Phenol-d6

Concen: 164.269 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

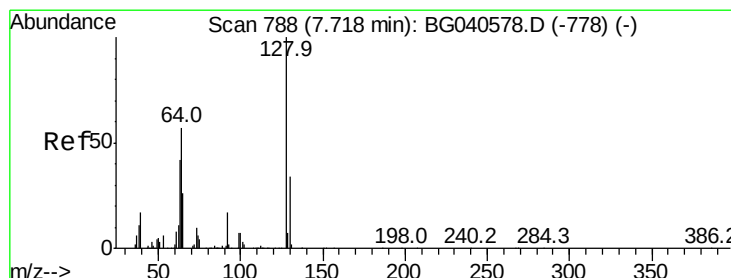
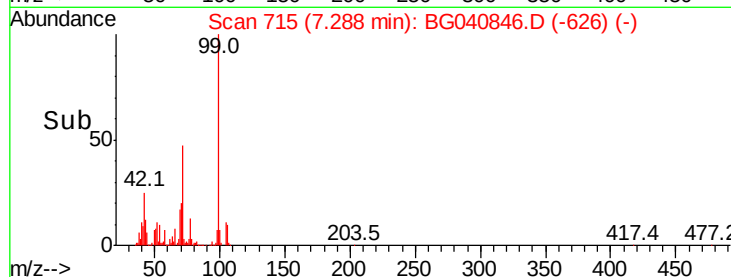
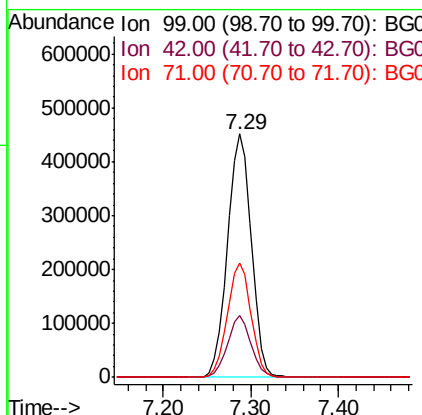
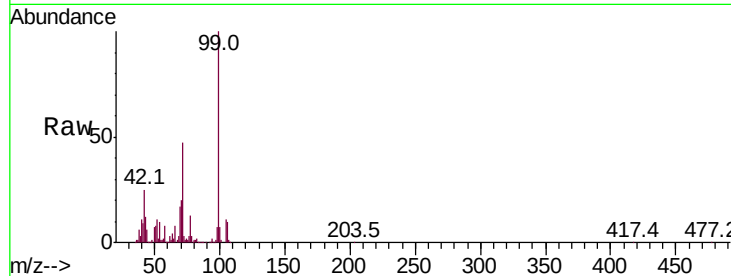
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Tot Ion:	99	Resp:	839494
Ion Ratio	Lower	Upper	
99	100		
42	25.4	21.8	32.8
71	46.8	38.6	57.8

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#8

2-Chlorophenol

Concen: 54.112 ng

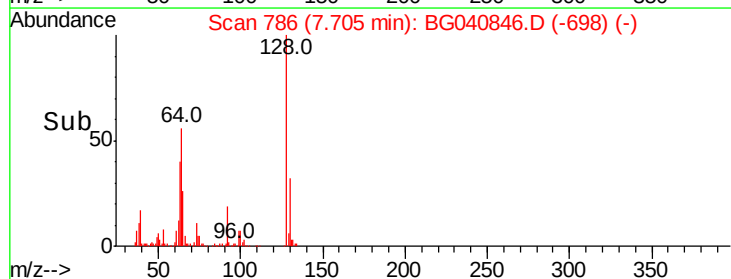
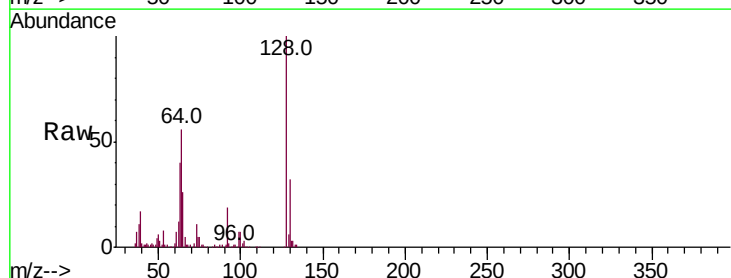
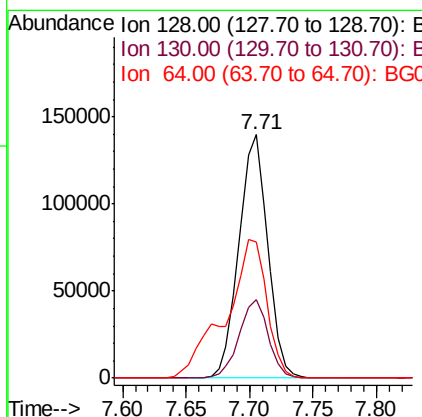
RT: 7.71 min Scan# 786

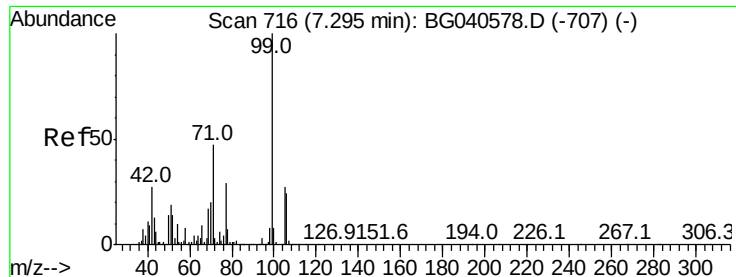
Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	128	Resp:	219302
Ion Ratio	Lower	Upper	
128	100		
130	32.0	14.5	54.5
64	56.0	38.4	78.4





#9

Benzaldehyde

Concen: 41.223 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

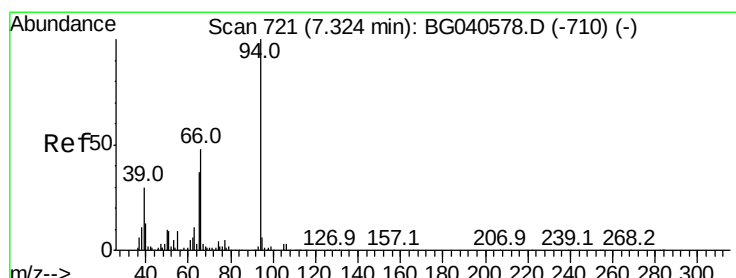
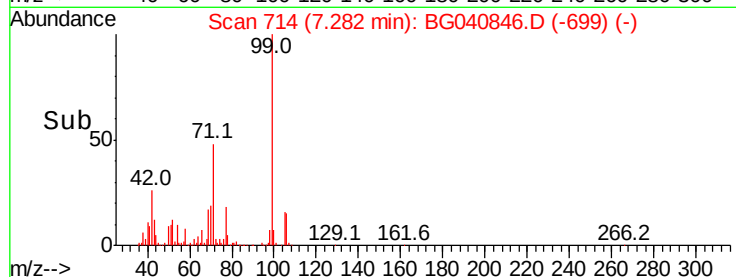
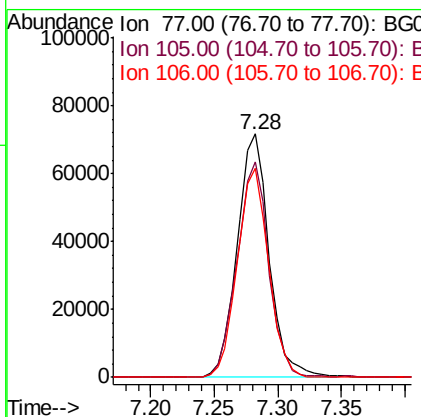
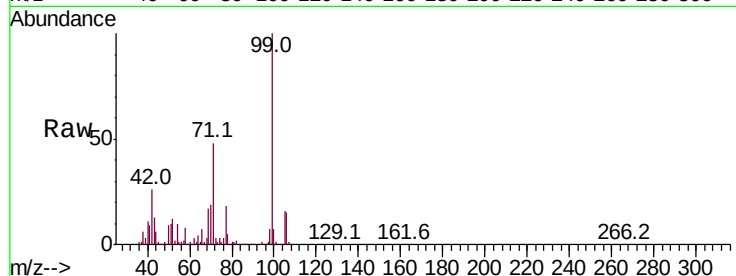
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Tot Ion:	77	Resp:	125296
Ion Ratio	Lower	Upper	
77	100		
105	88.3	72.0	112.0
106	85.7	61.2	101.2

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#10

Phenol

Concen: 54.972 ng

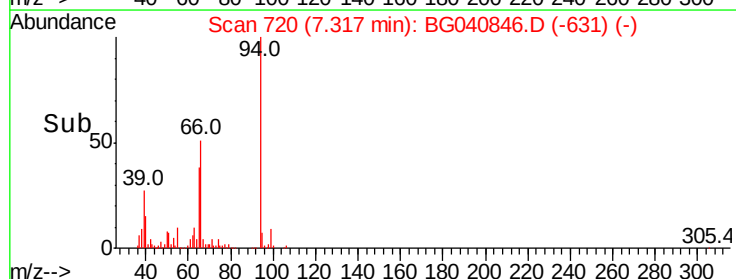
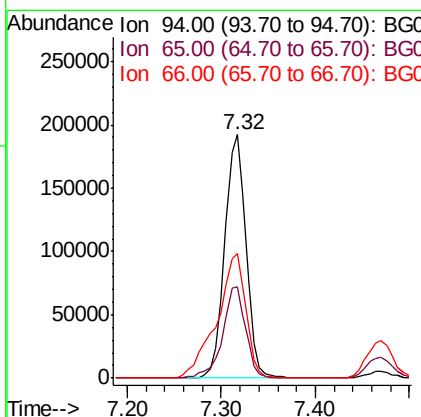
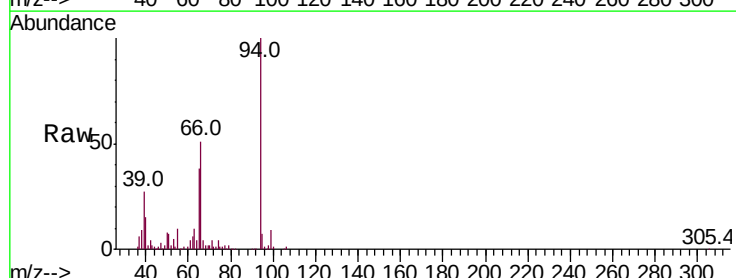
RT: 7.32 min Scan# 720

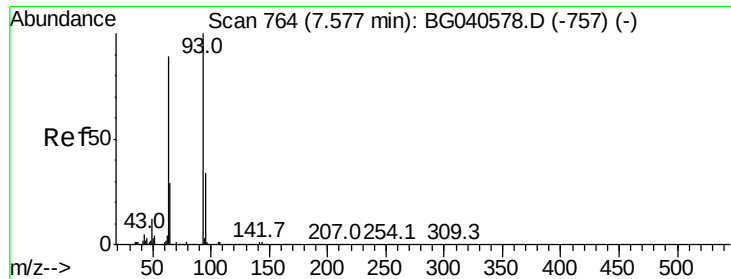
Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	94	Resp:	301988
Ion Ratio	Lower	Upper	
94	100		
65	37.8	17.0	57.0
66	51.1	28.6	68.6





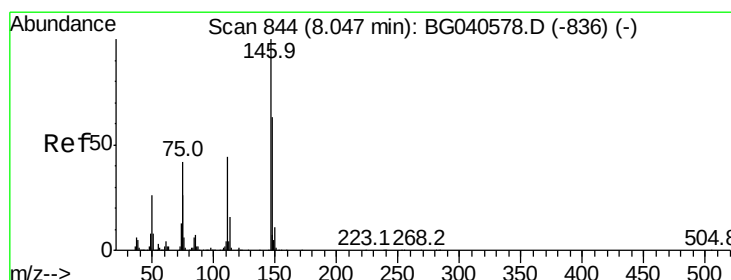
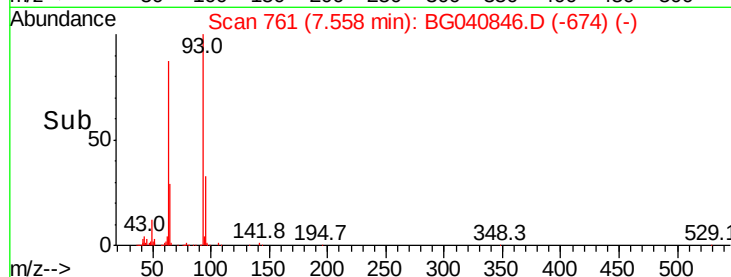
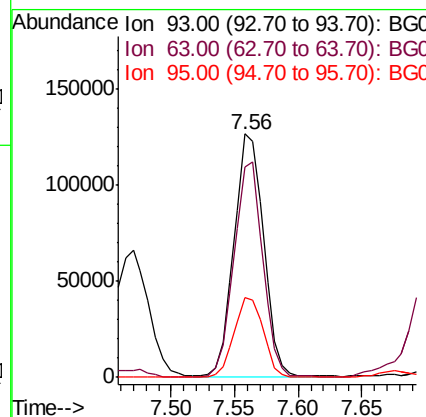
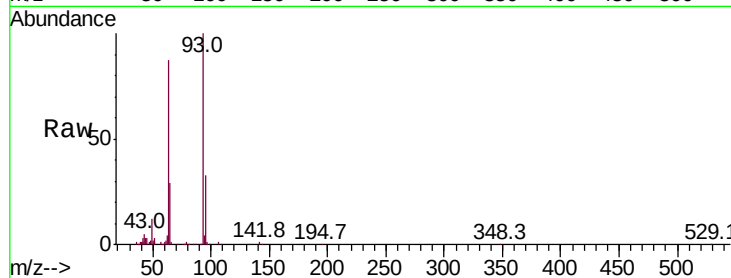
#11
bis(2-Chloroethyl)ether
Concen: 49.821 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.5	68.2	108.2
95	32.7	14.3	54.3

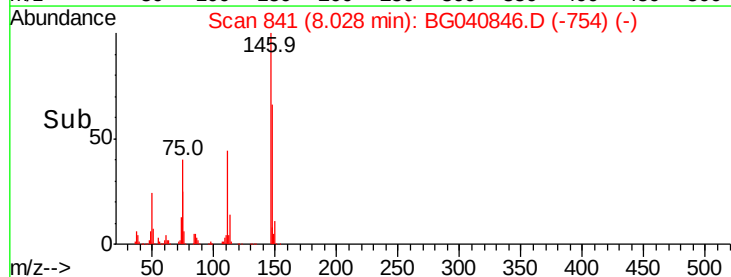
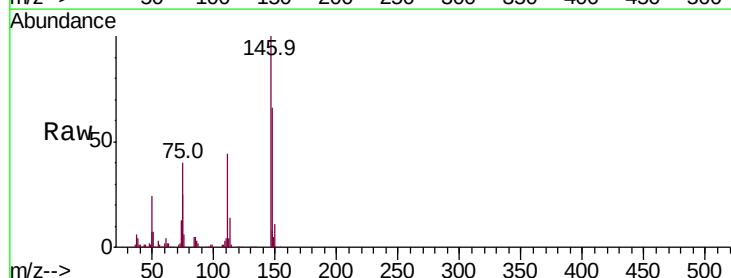
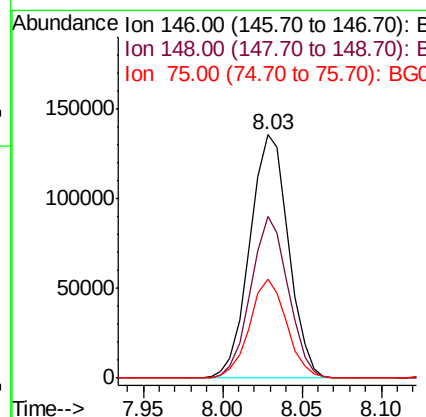
Manual Integrations
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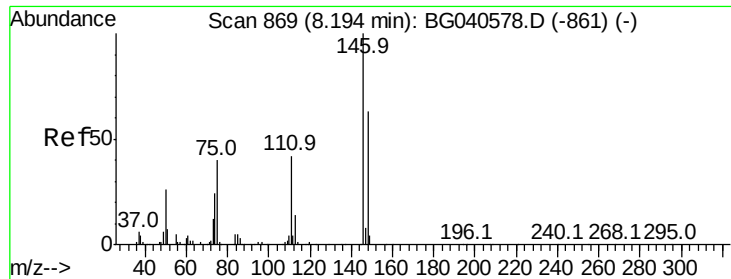
Sohil
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#12
1,3-Dichlorobenzene
Concen: 52.173 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.7	76.1
75	40.4	33.4	50.2





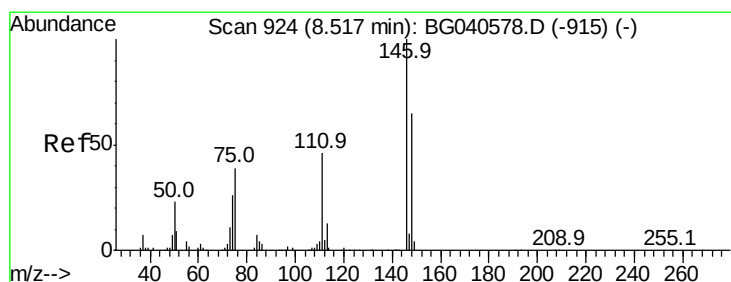
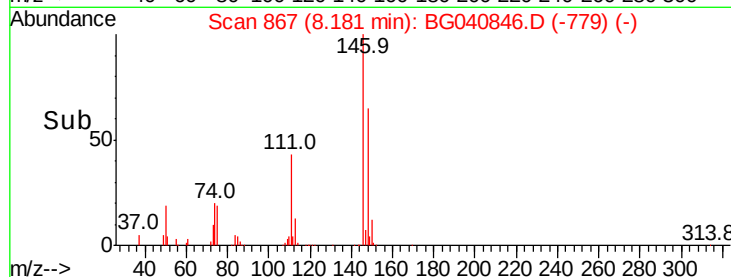
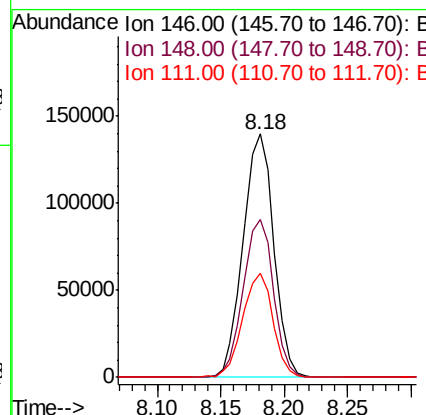
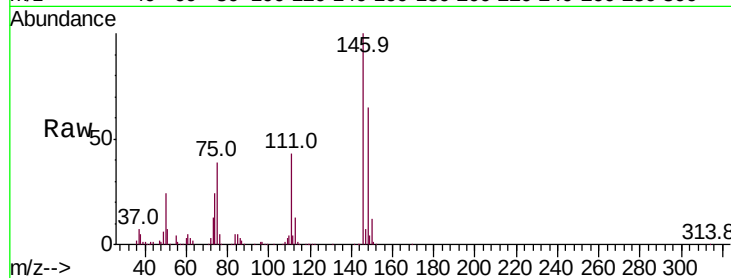
#13
 1,4-Dichlorobenzene
 Concen: 52.391 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	42.8	34.3	51.5

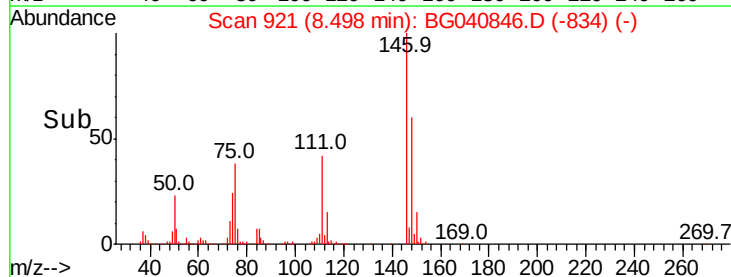
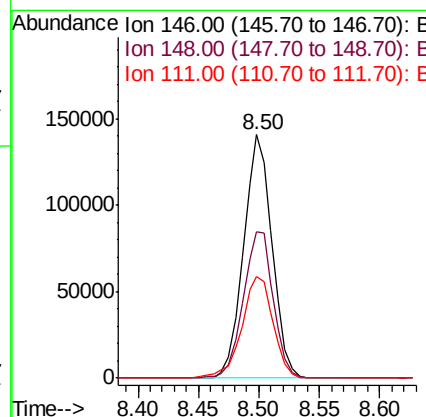
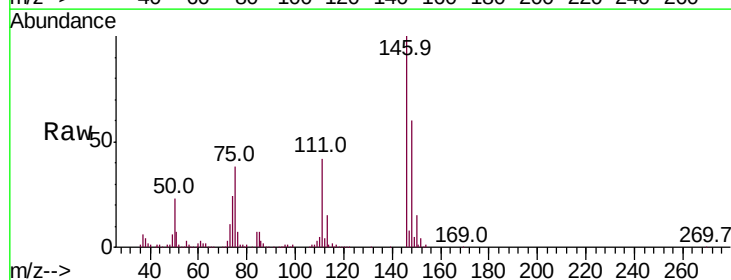
Manual Integrations
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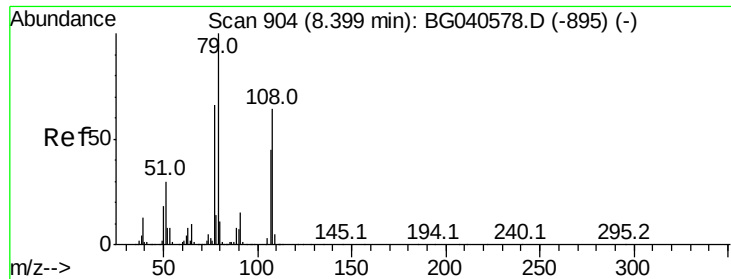
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 53.116 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	52.2	78.4
111	41.9	37.4	56.0





#15

Benzyl Alcohol

Concen: 48.998 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

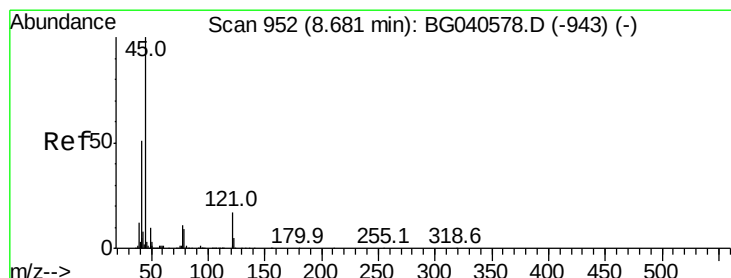
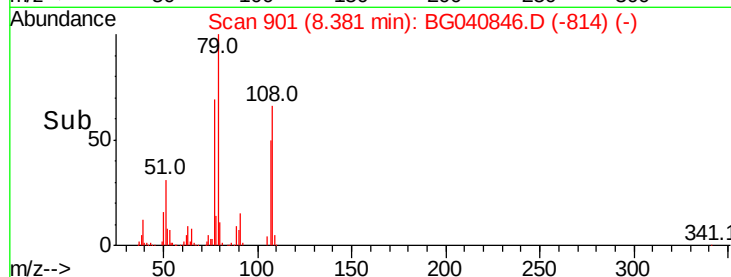
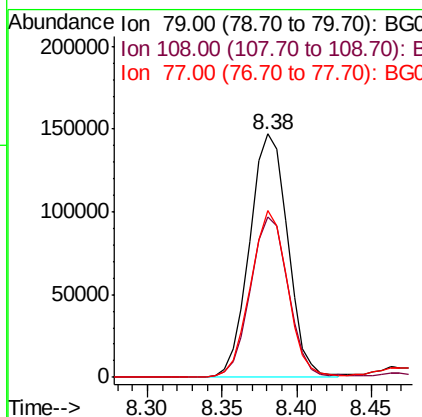
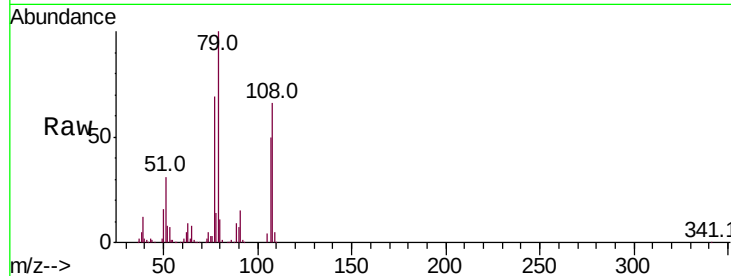
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	79	Resp:	260546
Ion Ratio	Lower	Upper	
79	100		
108	66.1	51.4	77.0
77	68.5	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.370 ng

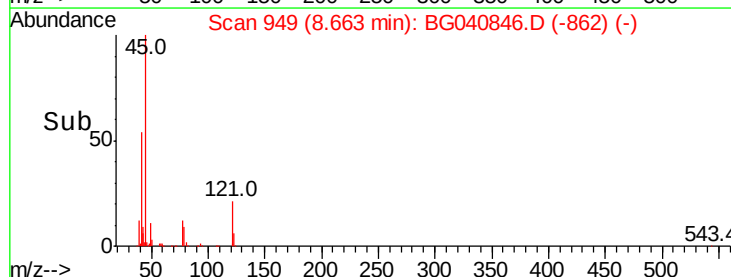
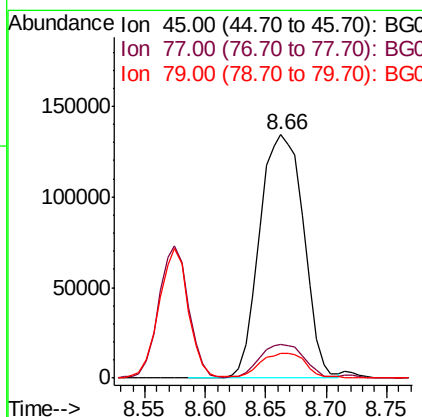
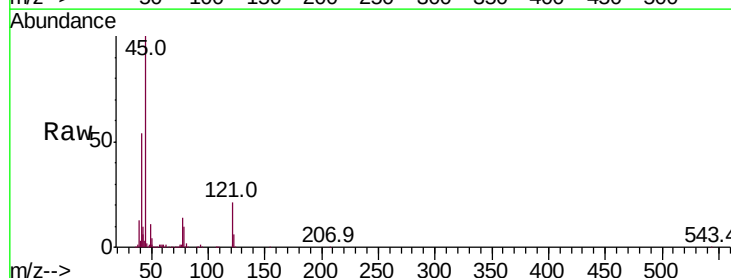
RT: 8.66 min Scan# 949

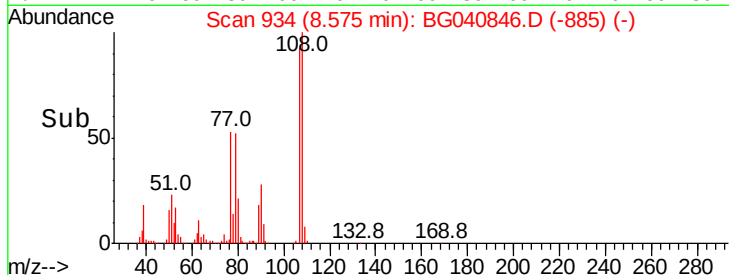
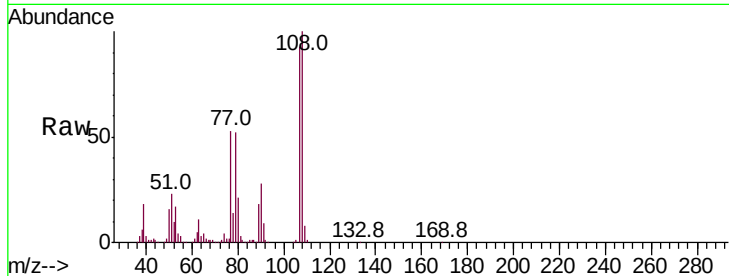
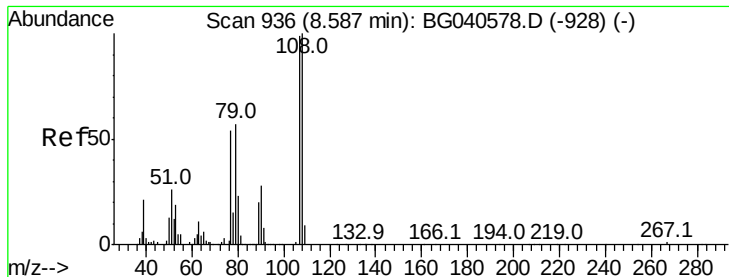
Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	45	Resp:	339303
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	31.5
79	9.9	0.0	29.4





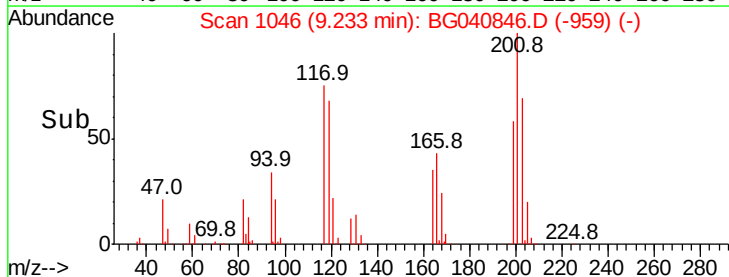
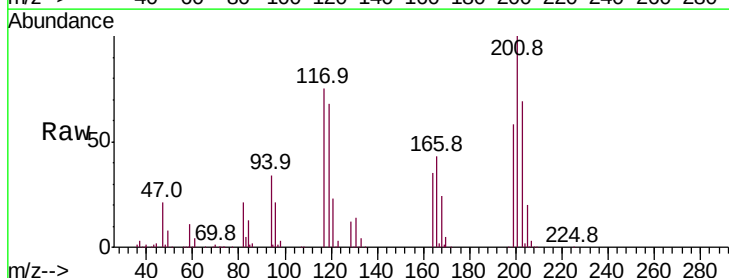
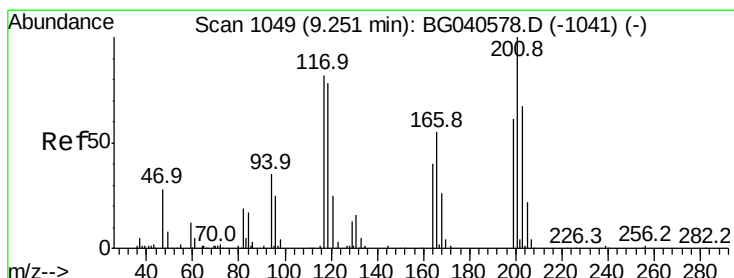
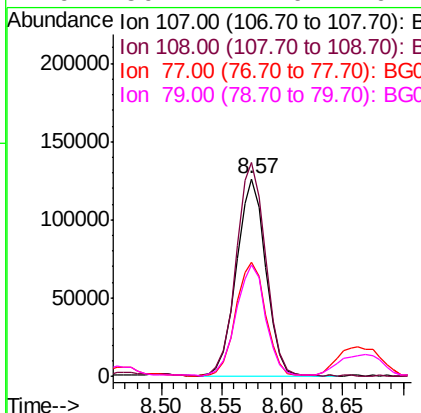
#17
2-Methylphenol
Concen: 54.863 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	81.2	121.8	
77	57.6	44.4	66.6	
79	56.7	47.0	70.4	

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

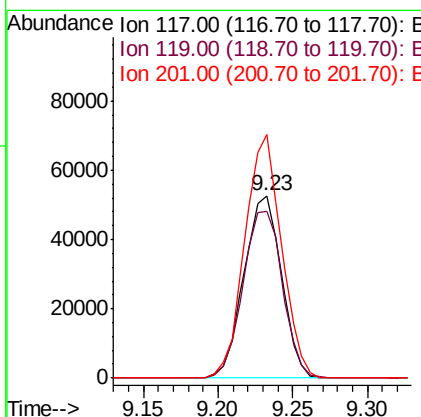
Manual Integrations
APPROVED

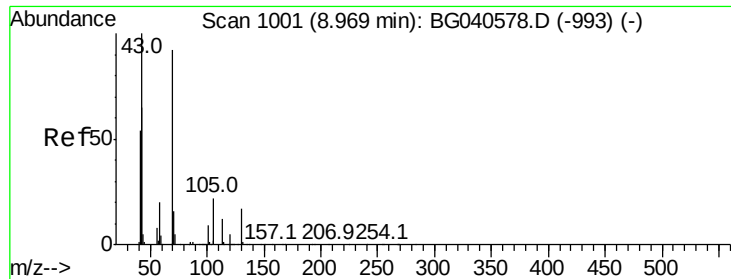
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#18
Hexachloroethane
Concen: 49.673 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.1	76.6	114.8	
201	133.3	101.0	151.6	





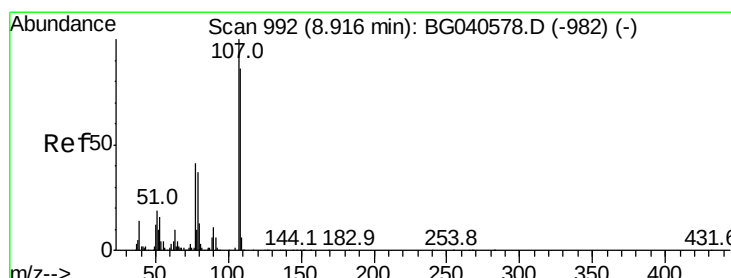
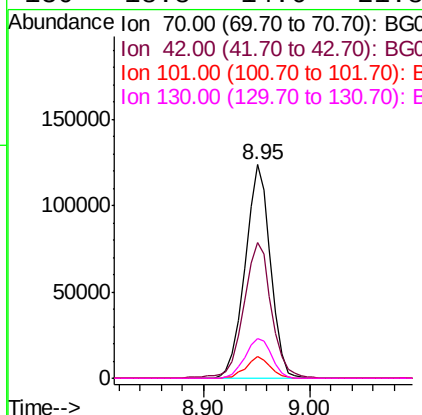
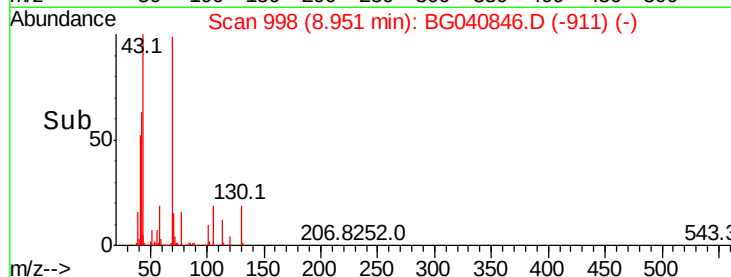
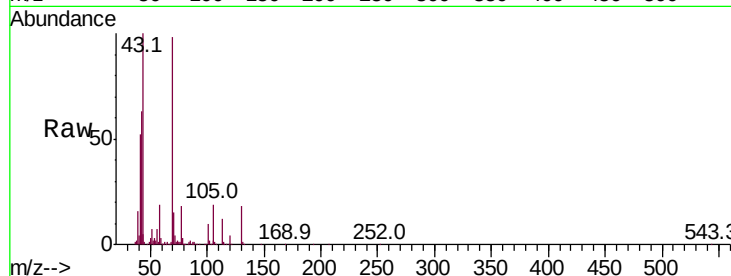
#19
n-Nitroso-di-n-propylamine
Concen: 44.587 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.8	57.1	85.7
101	10.2	7.8	11.8
130	18.8	14.6	21.8

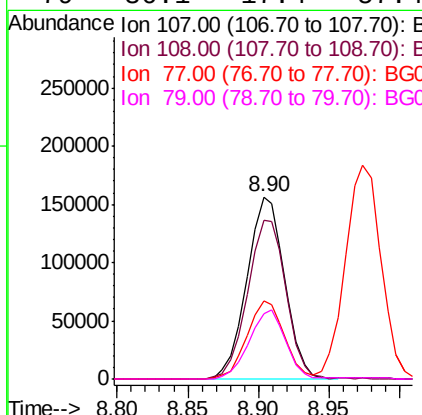
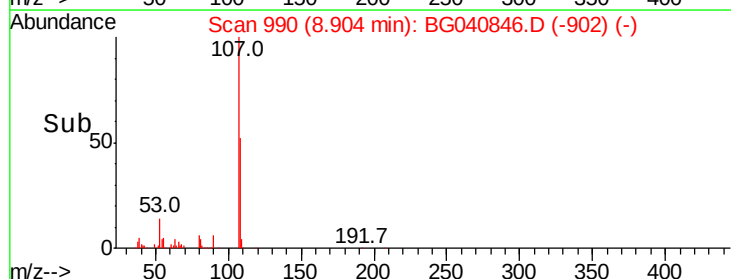
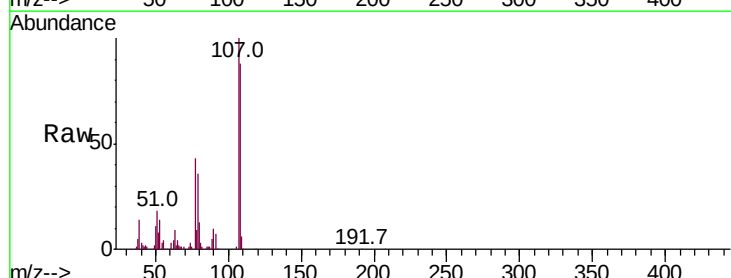
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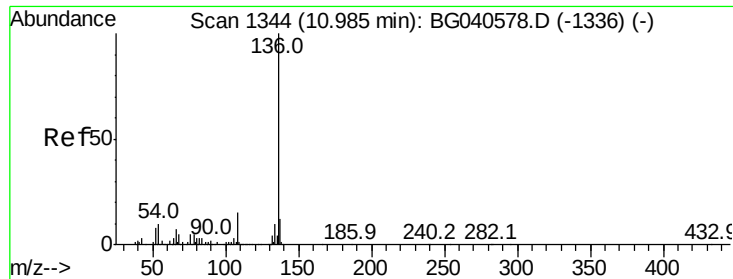
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#20
3+4-Methylphenols
Concen: 54.022 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	66.1	106.1
77	42.9	21.6	61.6
79	36.1	17.4	57.4





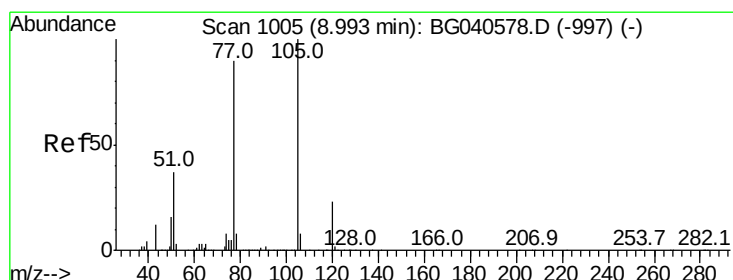
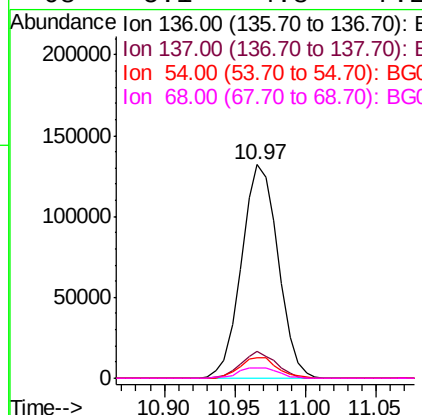
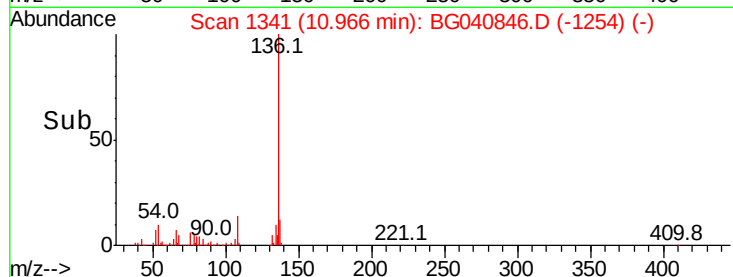
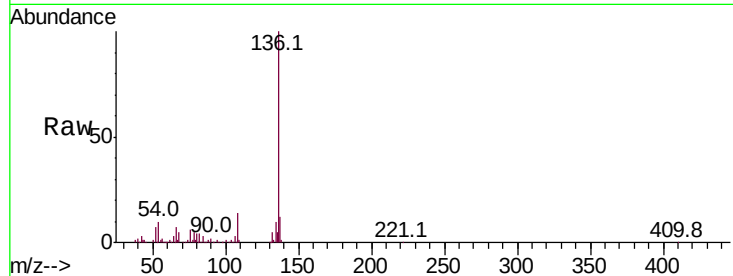
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	9.7	14.5	
54	9.6	8.6	12.8	
68	5.1	4.8	7.2	

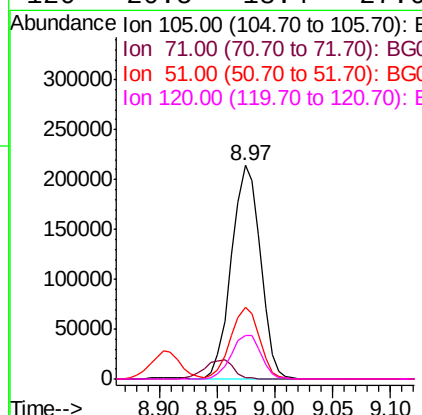
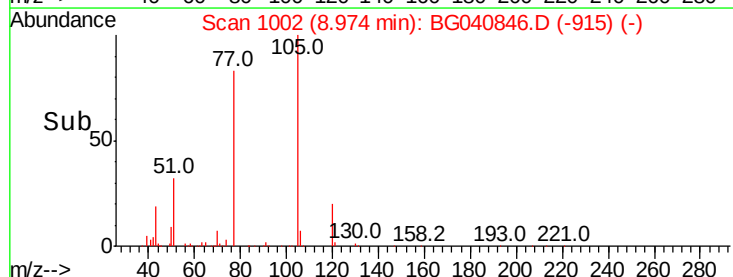
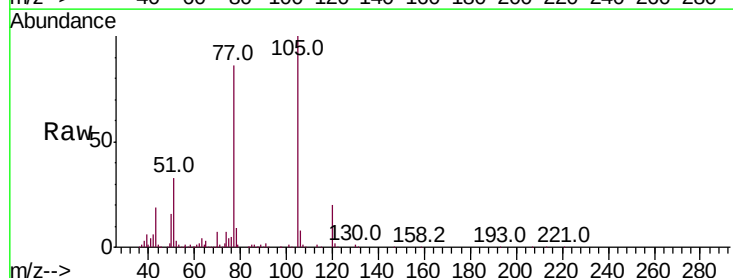
Manual Integrations
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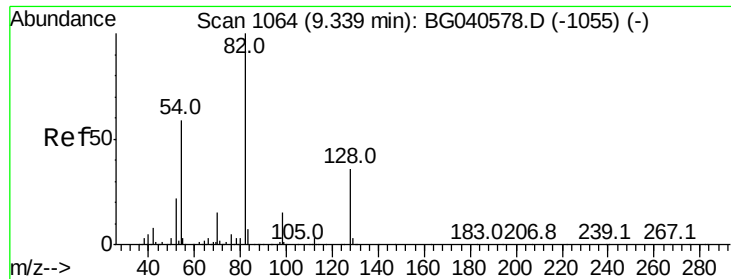
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#22
Acetophenone
Concen: 56.025 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	1.8	2.8#	
51	33.5	29.8	44.8	
120	20.5	18.4	27.6	





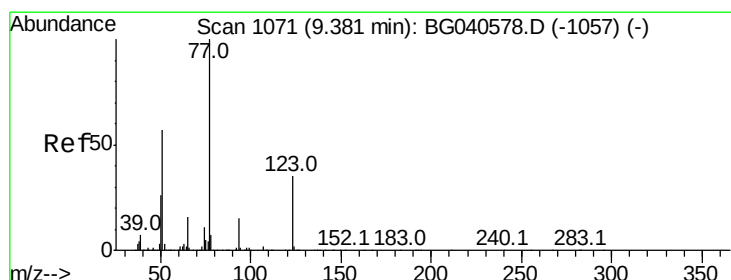
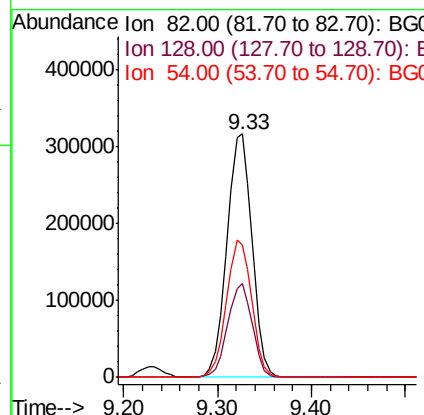
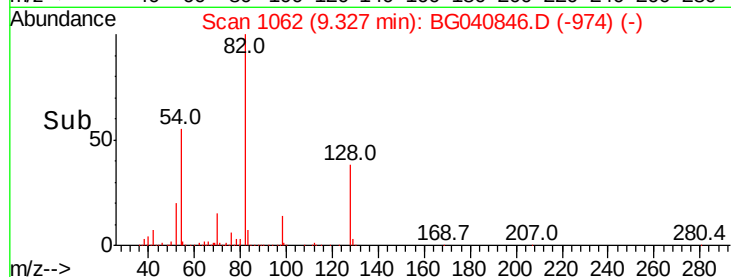
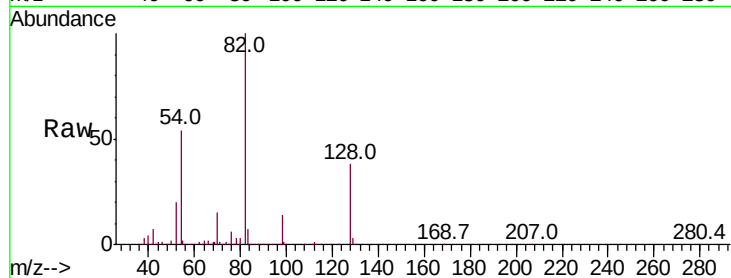
#23
 Nitrobenzene-d5
 Concen: 113.750 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.4	28.9	43.3	
54	54.4	47.2	70.8	

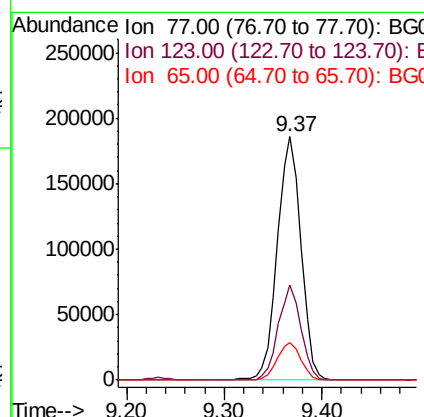
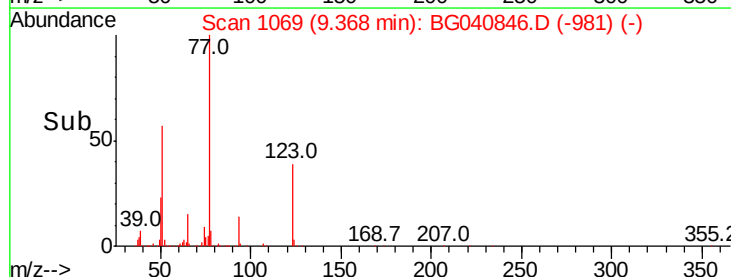
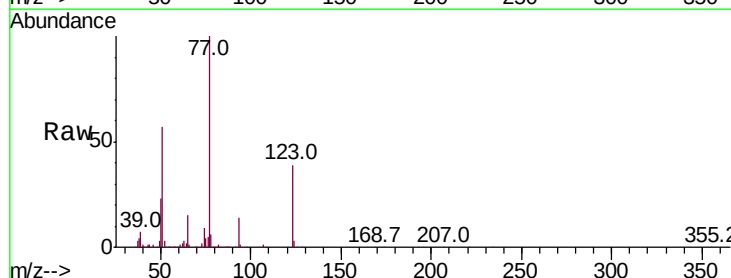
Manual Integrations
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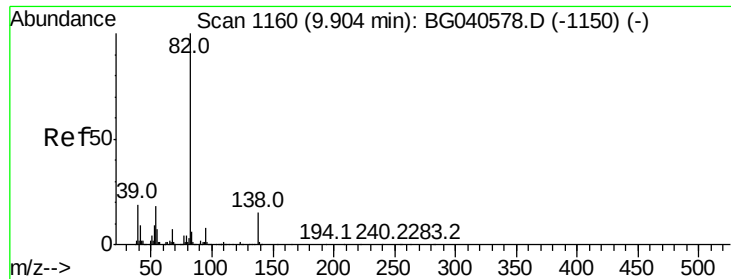
Sohil
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#24
 Nitrobenzene
 Concen: 57.045 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.0	27.8	41.6	
65	15.3	12.4	18.6	





#25

Isophorone

Concen: 50.308 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

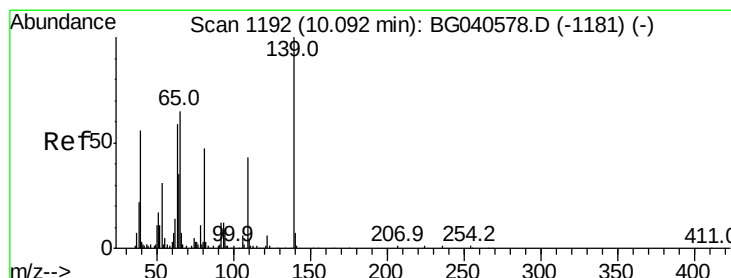
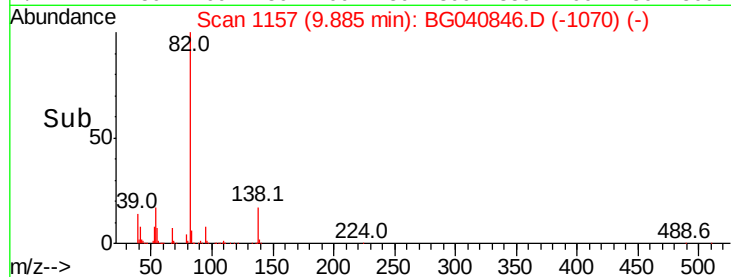
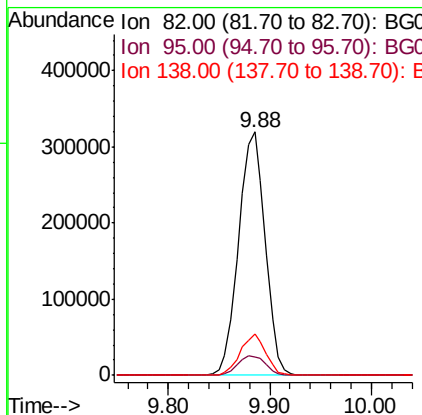
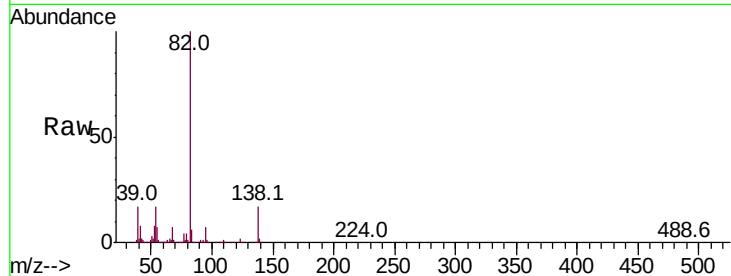
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion	82	Resp	580013
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.9	10.3
138	16.9	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 69.731 ng

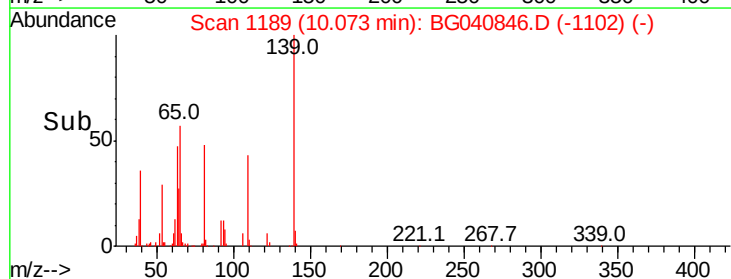
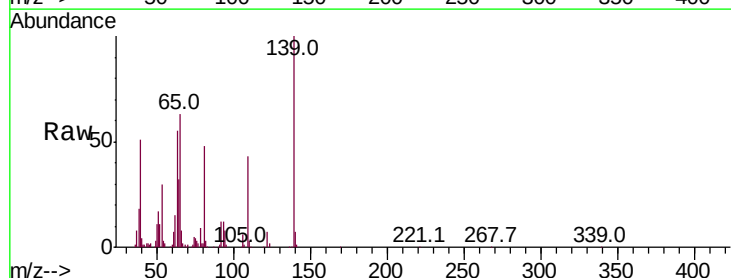
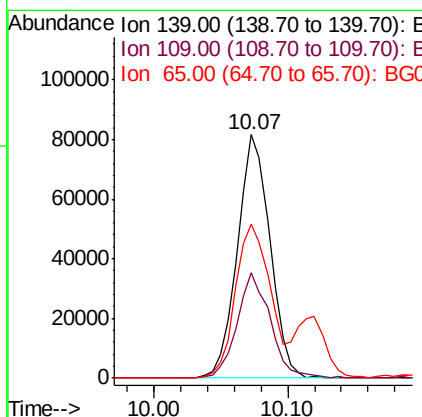
RT: 10.07 min Scan# 1189

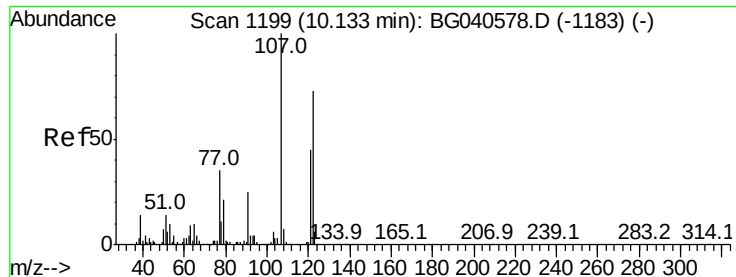
Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion	139	Resp	138035
Ion Ratio	Lower	Upper	
139	100		
109	43.1	35.6	53.4
65	63.1	52.3	78.5





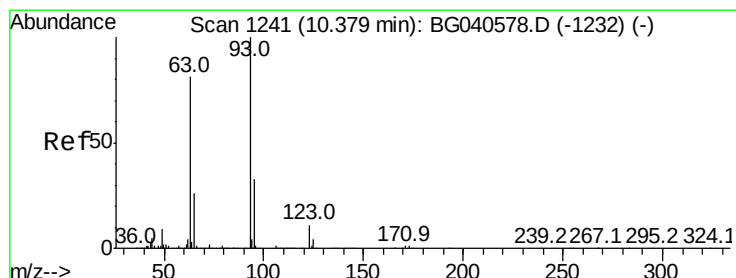
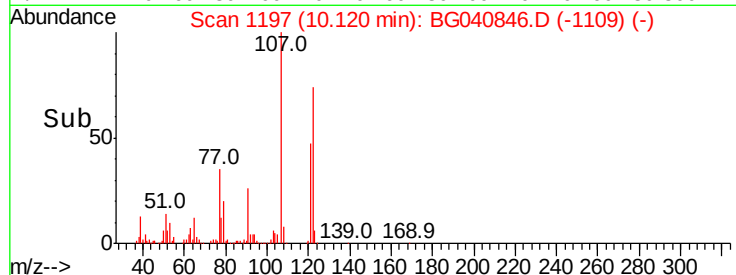
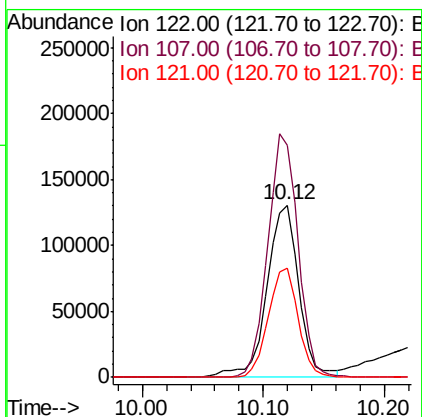
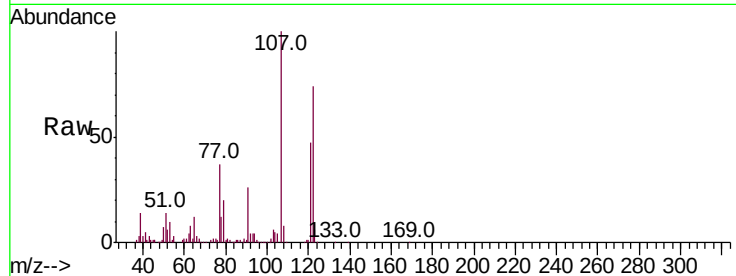
#27
2,4-Dimethylphenol
Concen: 64.120 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	238151		
107	135.0	110.1	165.1	
121	63.2	49.4	74.0	

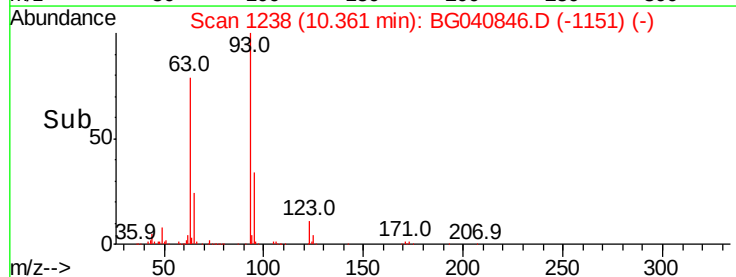
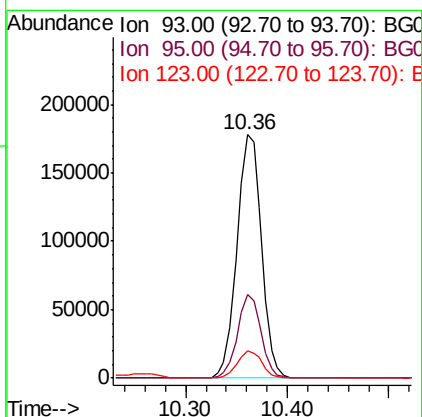
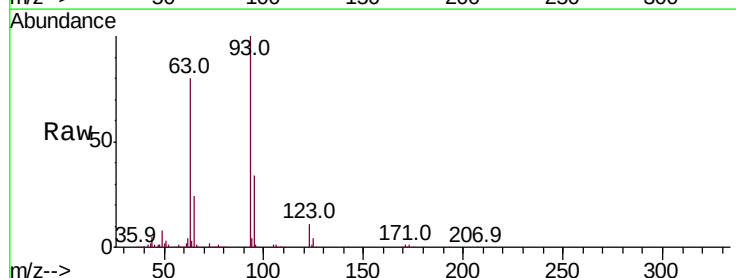
Manual Integrations
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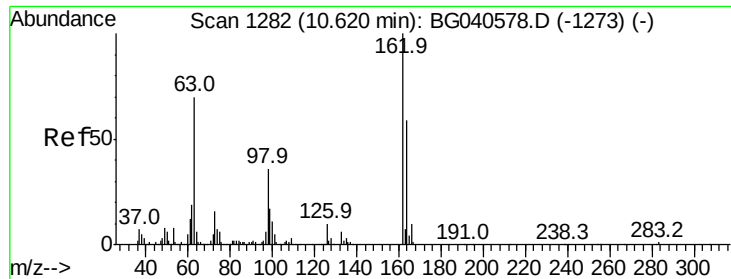
Sohil
5/13/2019 8:39:09 PM



#28
bis(2-Chloroethoxy)methane
Concen: 51.666 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	298862		
95	34.2	26.6	40.0	
123	11.1	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 64.837 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

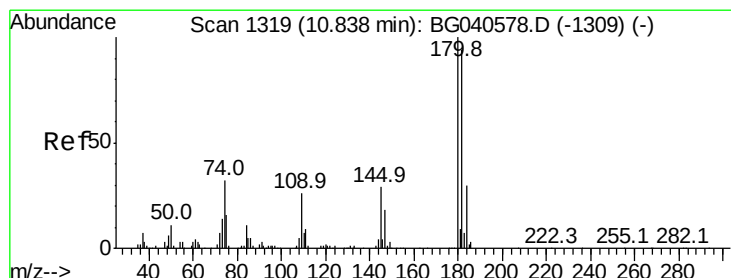
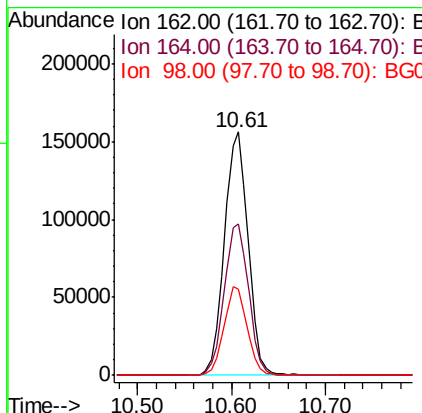
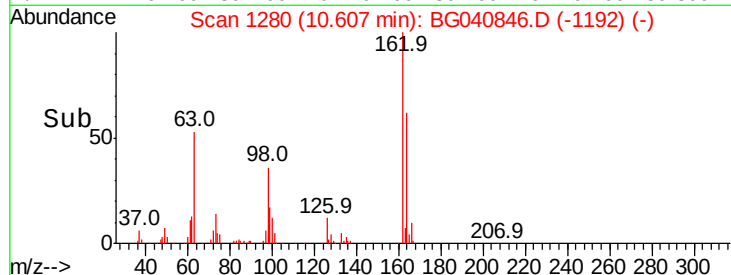
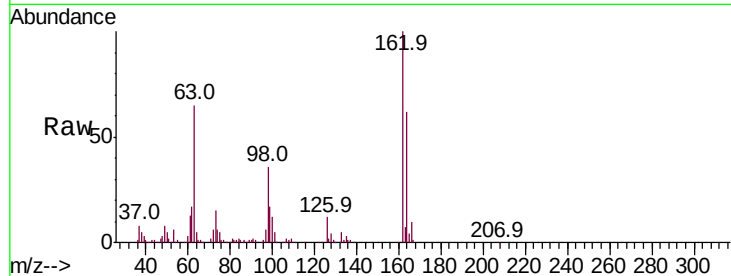
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	162	Resp:	273773
Ion Ratio	Lower	Upper	
162	100		
164	62.2	38.9	78.9
98	35.5	16.8	56.8

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#30

1,2,4-Trichlorobenzene

Concen: 61.513 ng

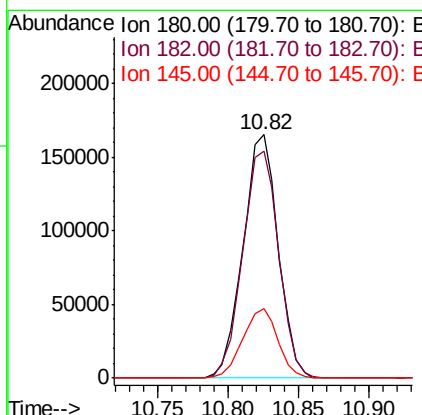
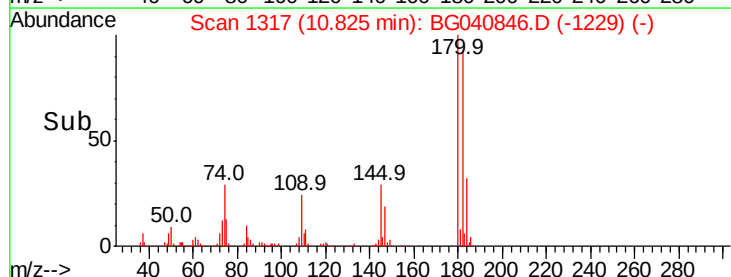
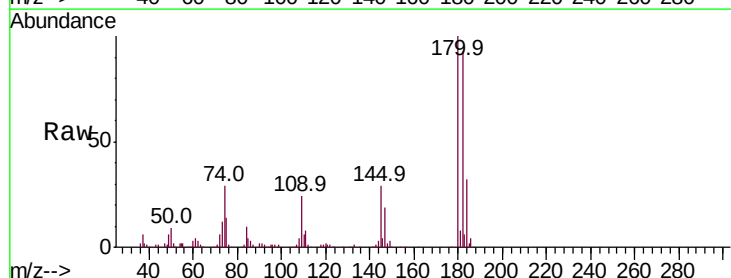
RT: 10.82 min Scan# 1317

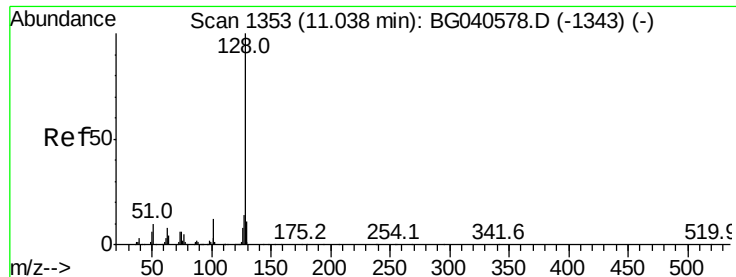
Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	180	Resp:	288033
Ion Ratio	Lower	Upper	
180	100		
182	93.2	75.2	112.8
145	28.8	23.6	35.4





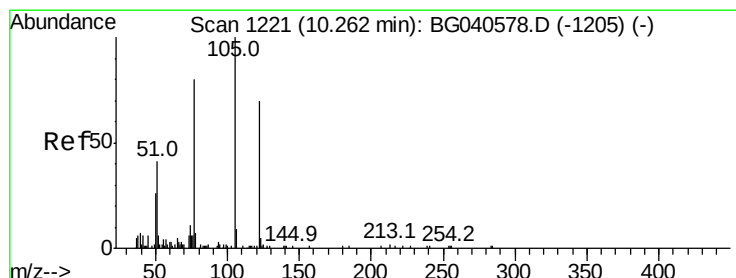
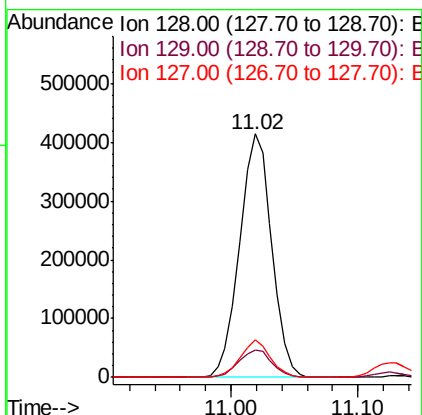
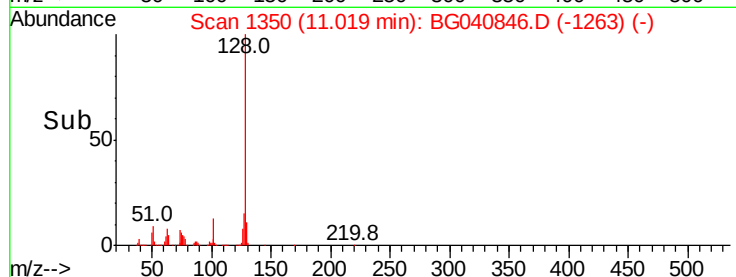
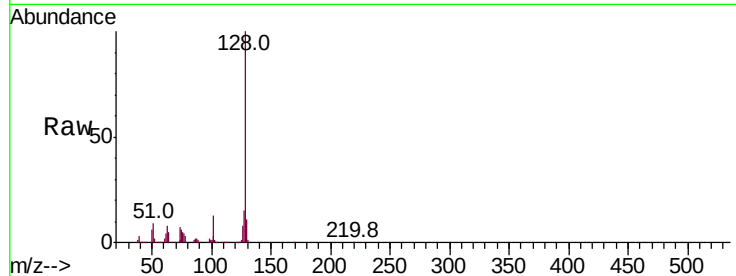
#31
Naphthalene
Concen: 57.169 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	15.3	11.3	16.9

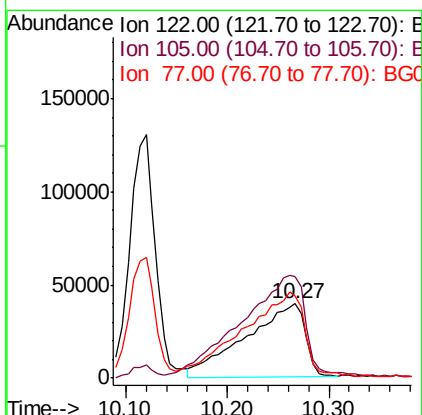
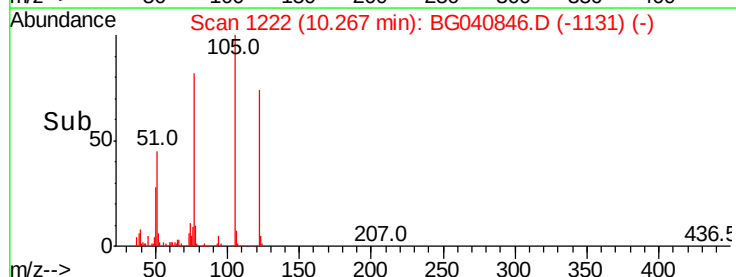
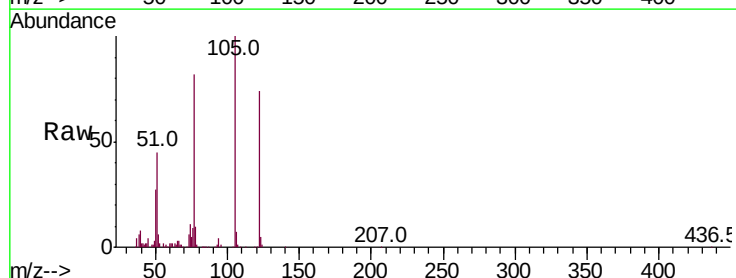
Manual Integrations
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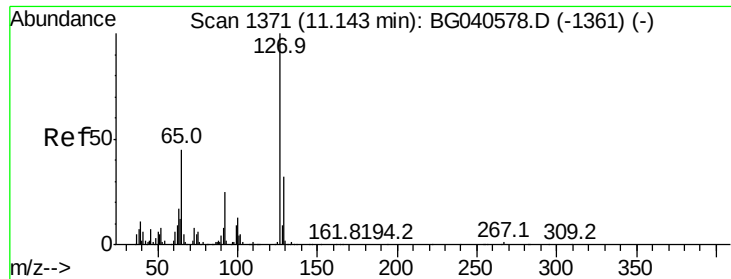
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#32
Benzoic acid
Concen: 62.318 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	110.9	150.9
77	111.0	87.6	127.6





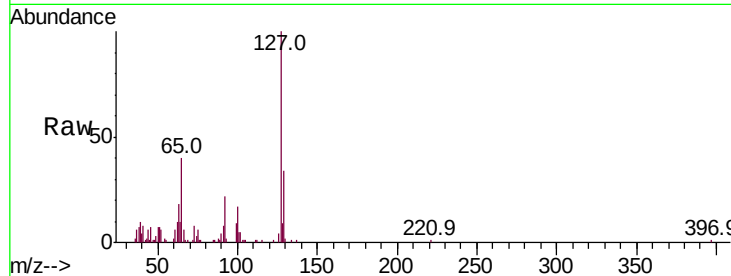
#33
4-Chloroaniline
Concen: 9.563 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	25.7	38.5	
65	39.6	36.1	54.1	
92	21.8	20.1	30.1	

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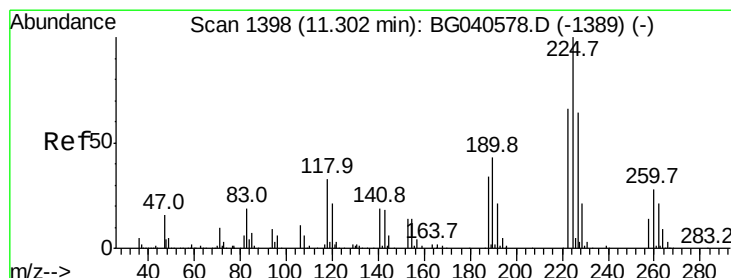
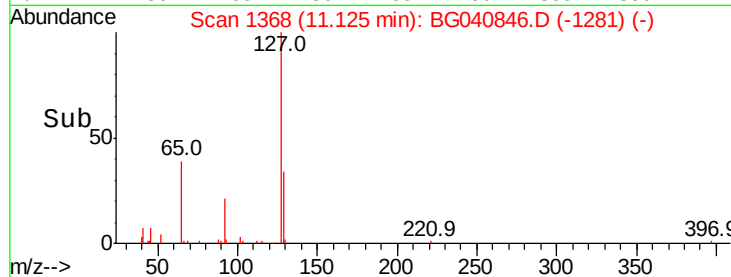
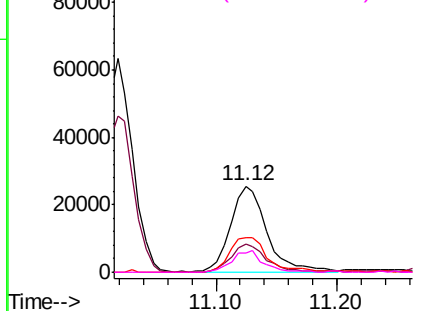
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

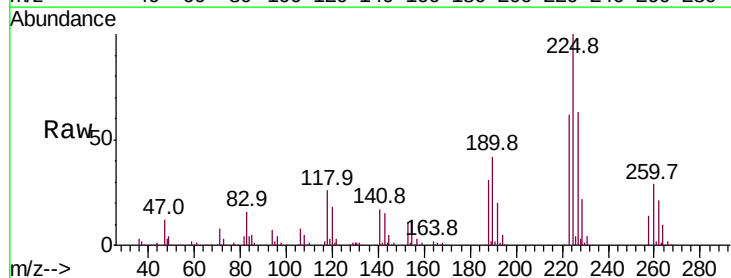
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 60.232 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.4	75.6	
227	62.9	51.0	76.6	

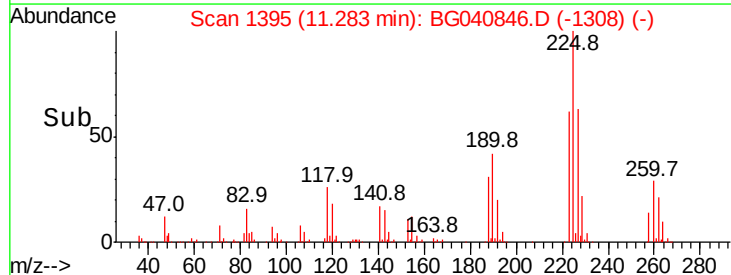
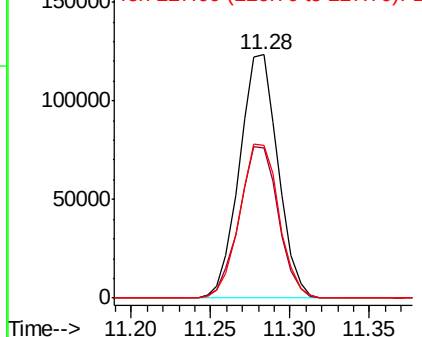


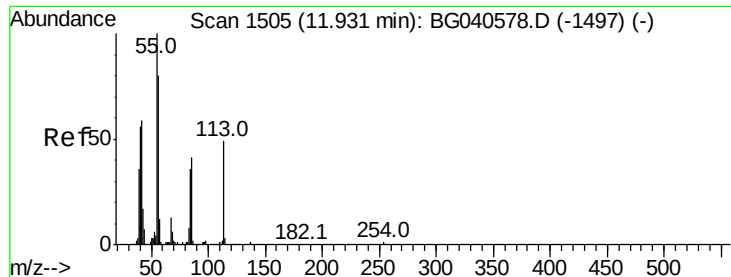
Abundance

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: 53.635 ng/mL

RT: 11.92 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:113 Resp: 89414

Ion Ratio Lower Upper

113 100

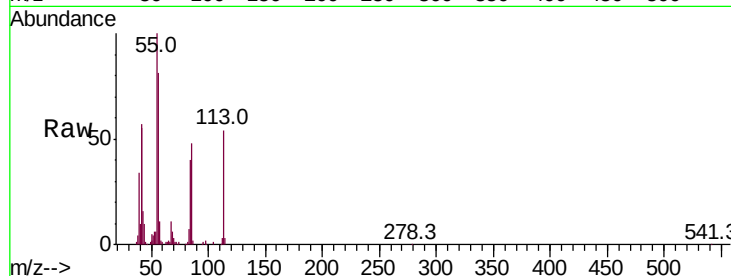
55 186.3 198.6 238.6#

56 151.6 148.4 188.4

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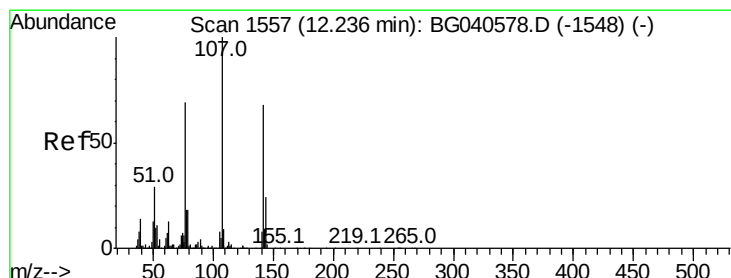
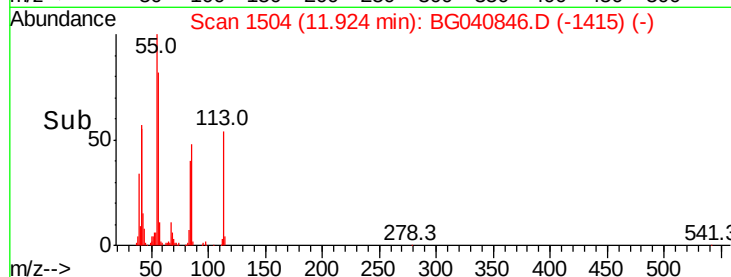
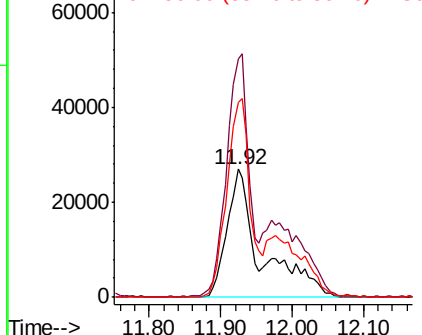
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 60.337 ng/mL

RT: 12.23 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

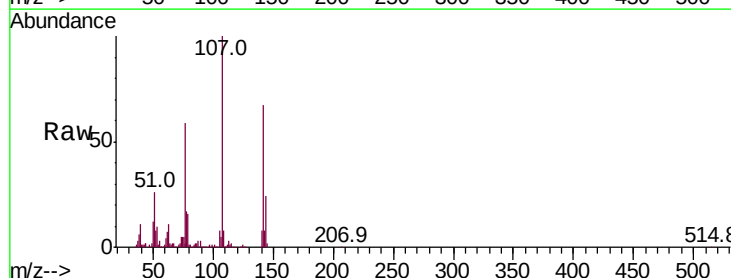
Tgt Ion:107 Resp: 321398

Ion Ratio Lower Upper

107 100

144 23.7 19.3 28.9

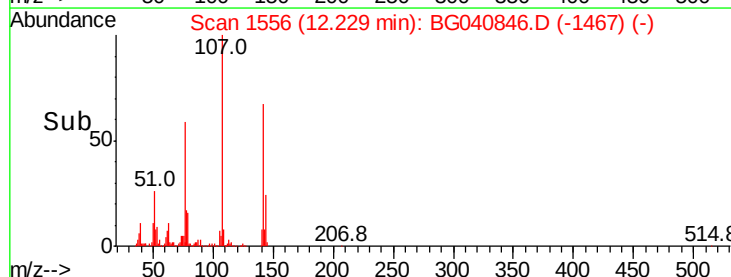
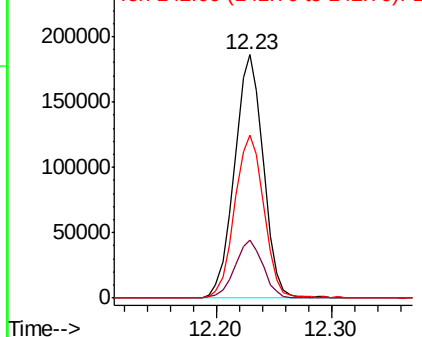
142 66.9 54.6 81.8

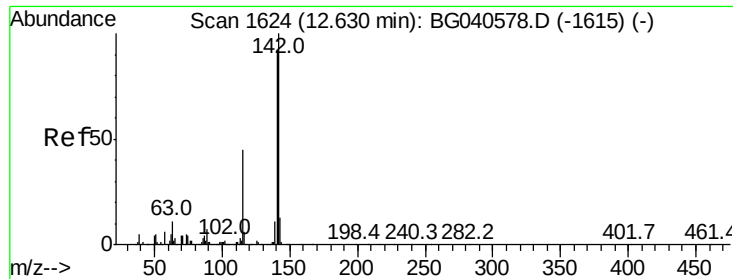


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





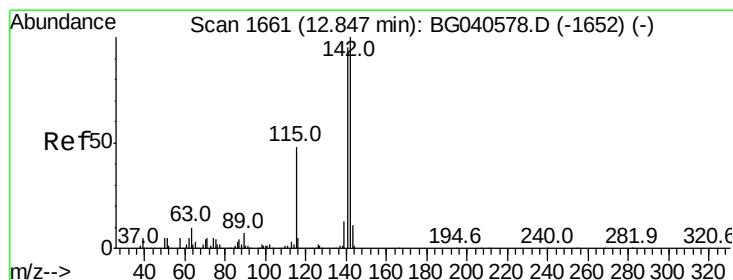
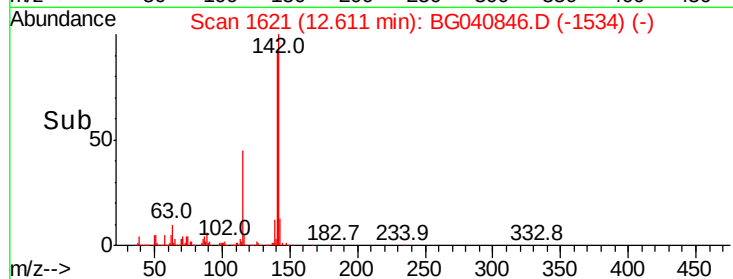
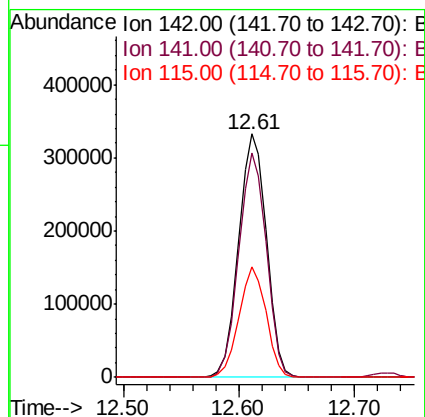
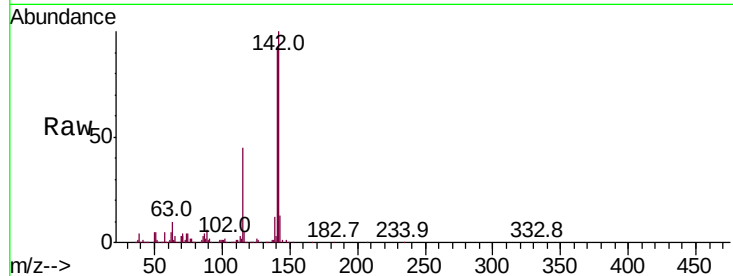
#37
2-Methylnaphthalene
Concen: 58.344 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.2
115	45.3	36.2	54.4

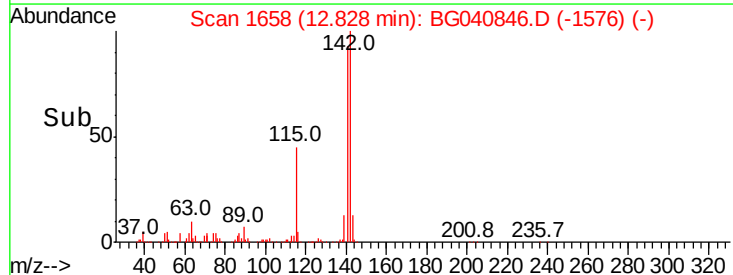
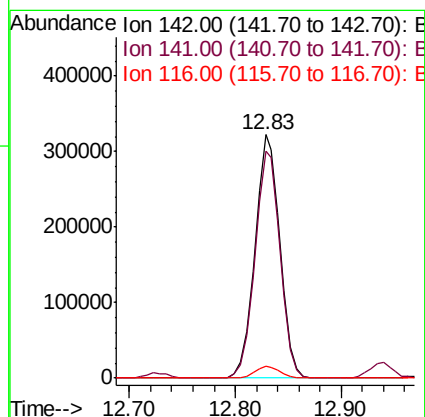
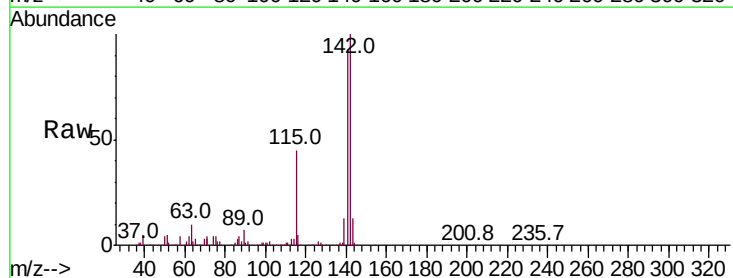
Manual Integrations
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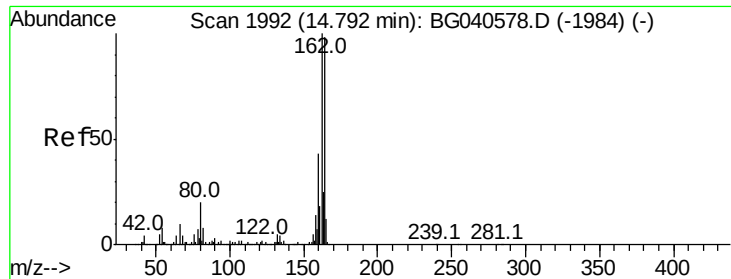
Sohil
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#38
1-Methylnaphthalene
Concen: 56.811 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.9	113.9
116	5.1	4.2	6.4





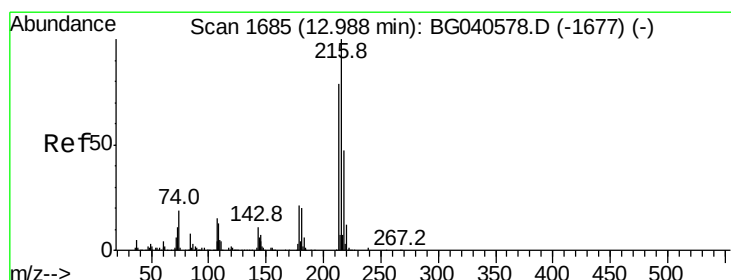
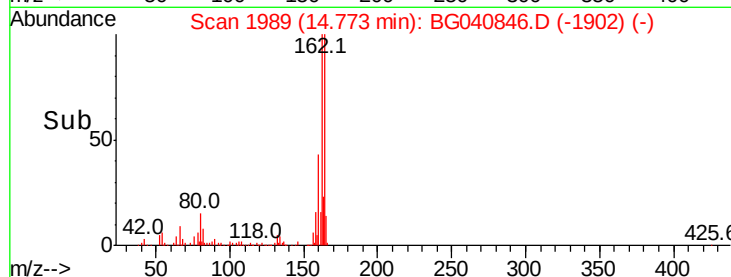
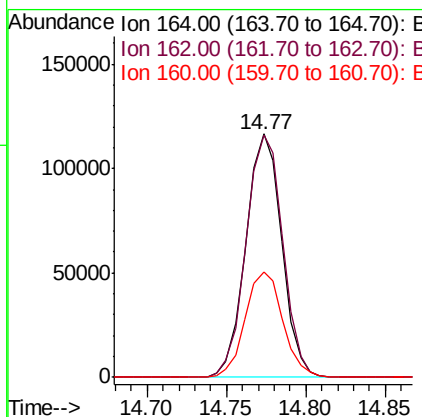
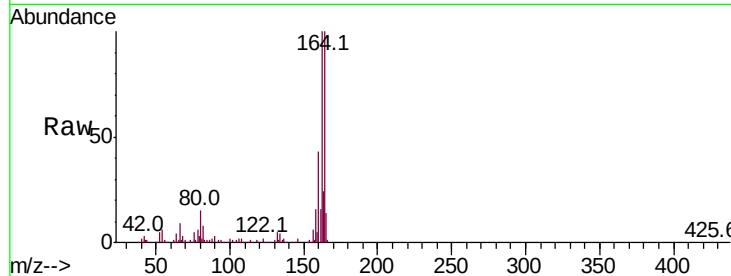
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.9	122.9
160	43.1	35.4	53.2

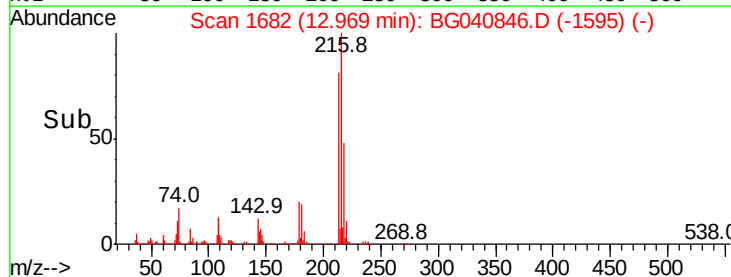
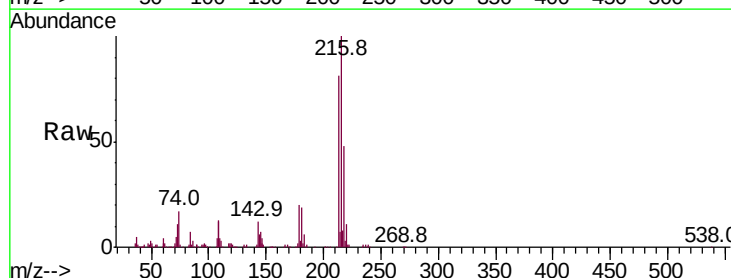
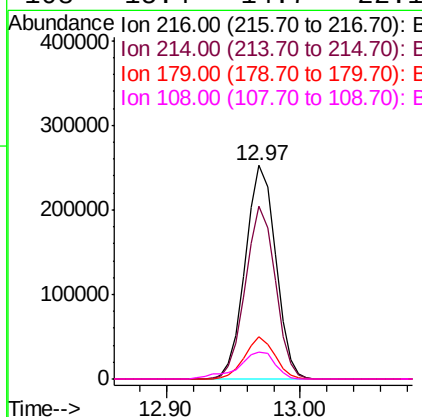
Manual Integrations
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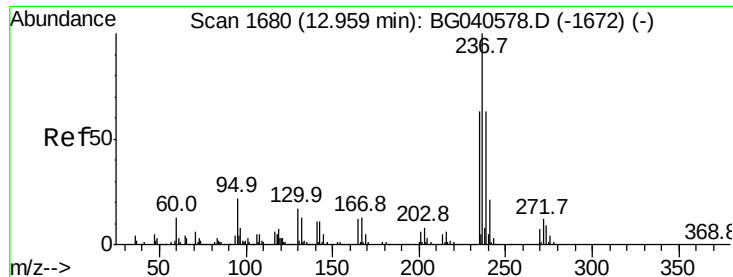
Sohil
5/13/2019 8:39:09 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.182 ng
RT: 12.97 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.7	95.5
179	19.3	16.6	24.8
108	15.4	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 81.727 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

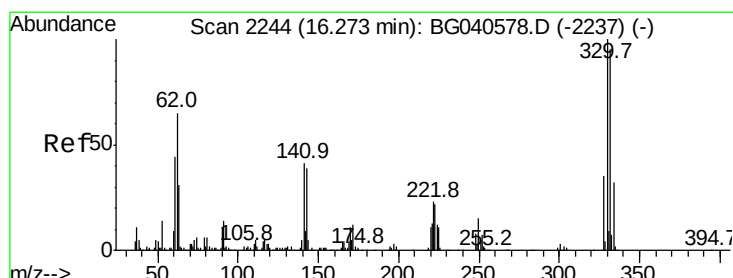
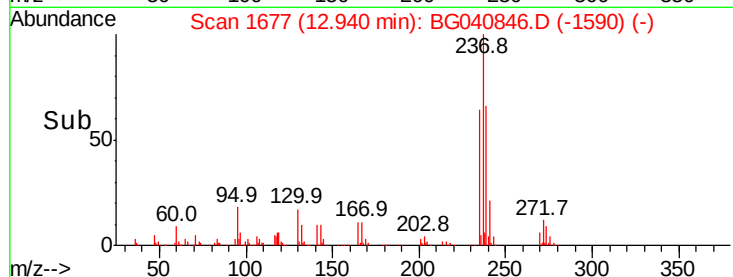
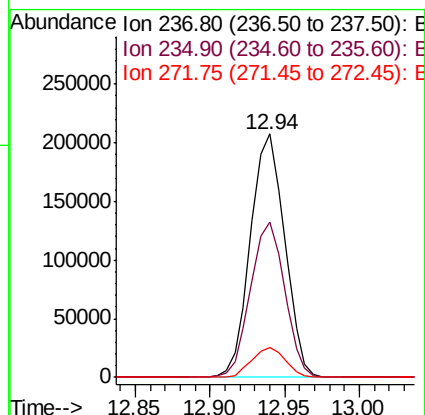
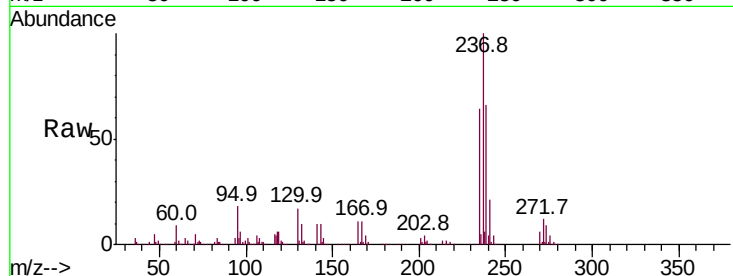
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	237	Resp:	329101
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.5	82.5
272	12.5	0.0	31.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 173.262 ng

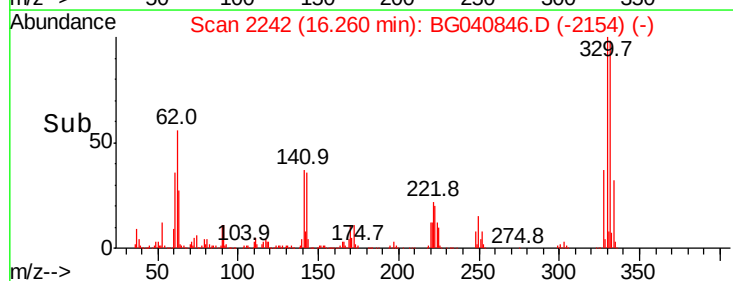
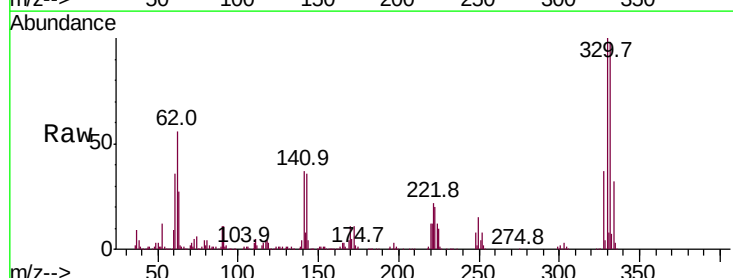
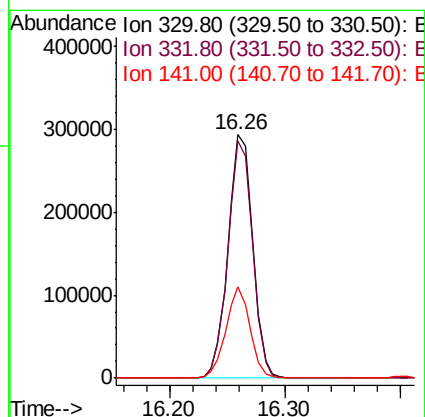
RT: 16.26 min Scan# 2242

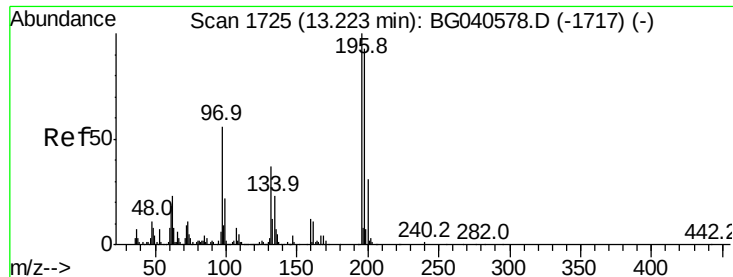
Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	330	Resp:	436268
Ion Ratio	Lower	Upper	
330	100		
332	96.8	75.9	113.9
141	36.3	32.4	48.6





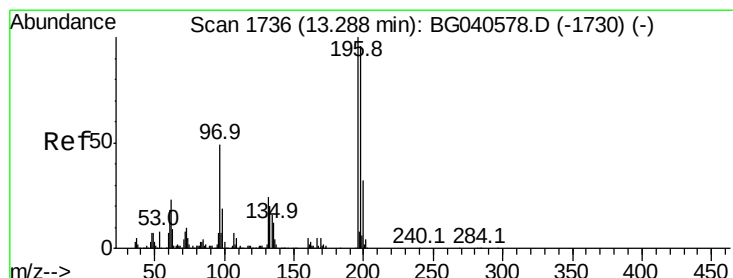
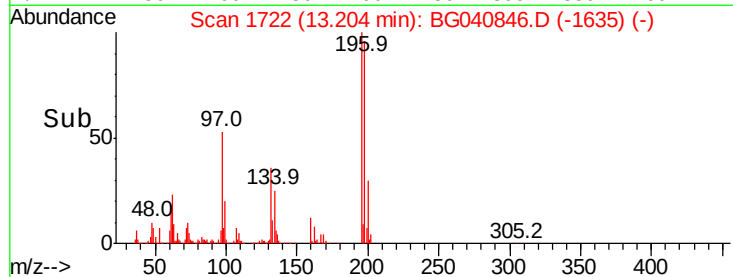
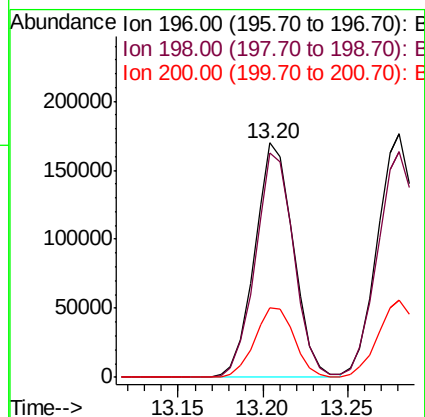
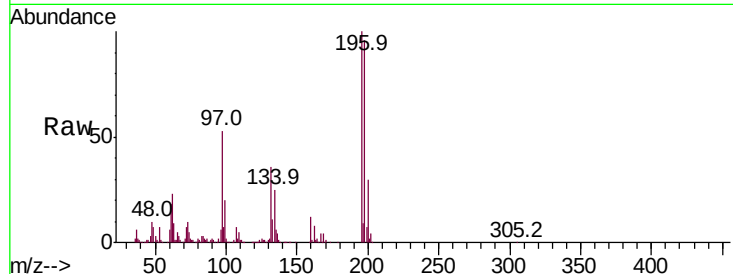
#43
 2,4,6-Trichlorophenol
 Concen: 65.226 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268988		
198	95.7	74.8	112.2	
200	30.0	24.9	37.3	

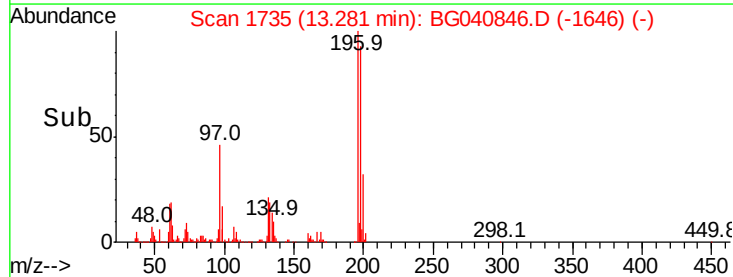
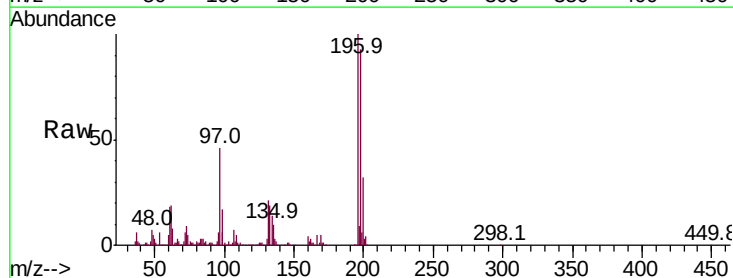
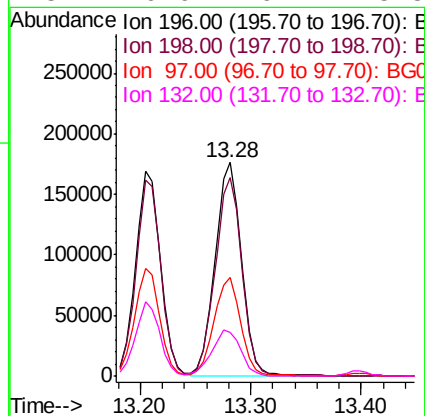
Manual Integrations
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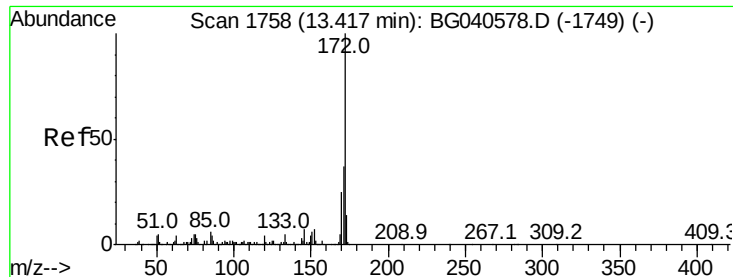
Sohil
 5/13/2019 8:39:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 64.567 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290063		
198	92.7	77.0	115.6	
97	46.1	40.0	60.0	
132	20.6	19.2	28.8	





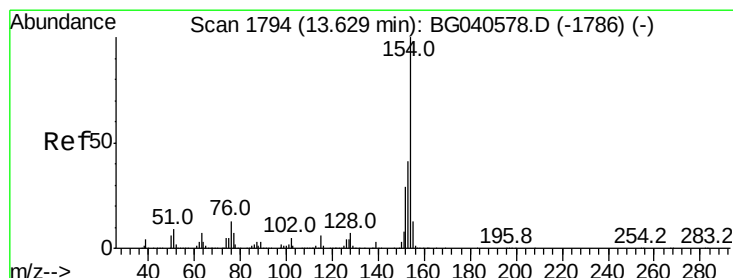
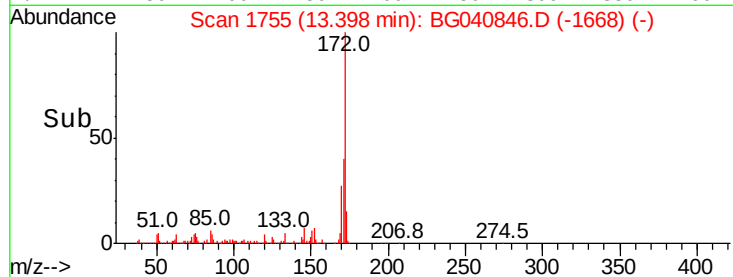
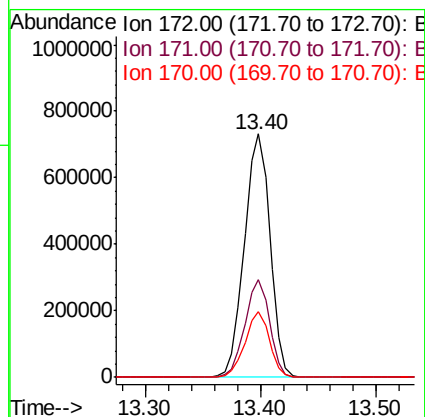
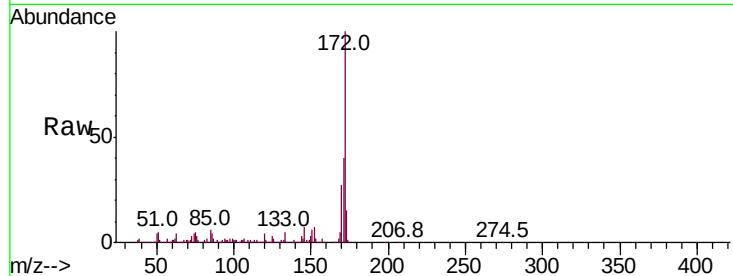
#45
2-Fluorobiphenyl
Concen: 89.040 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.4	44.2
170	27.0	19.9	29.9

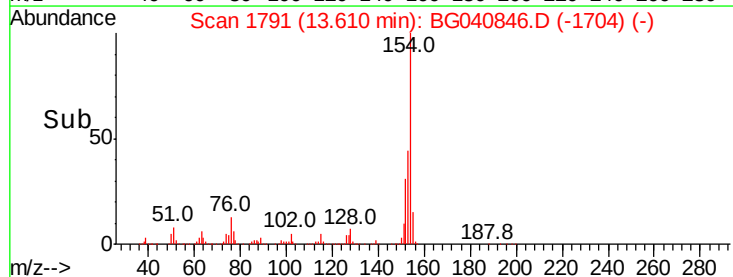
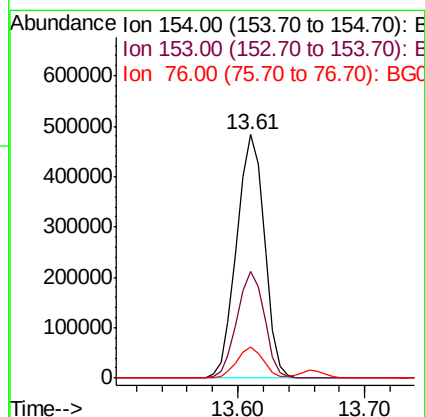
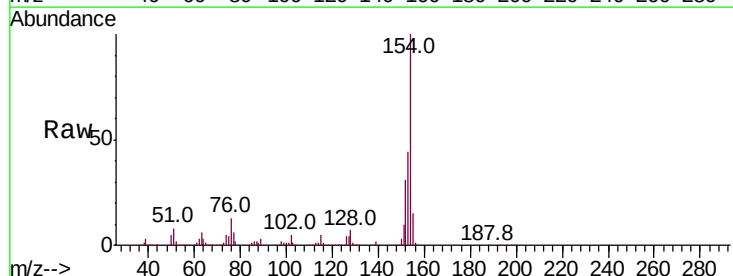
Manual Integrations
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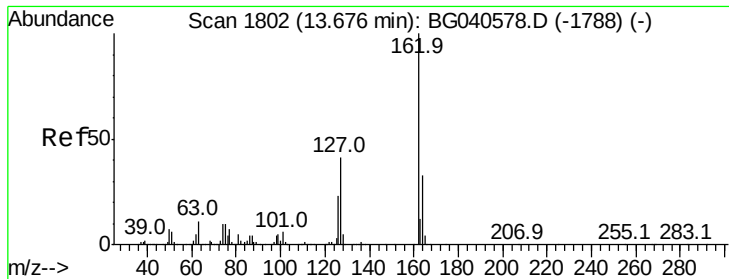
Sohil
5/13/2019 8:39:09 PM



#46
1,1'-Biphenyl
Concen: 51.367 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	20.5	60.5
76	12.6	0.0	32.5





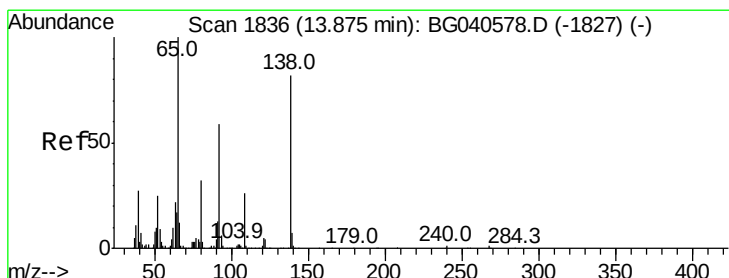
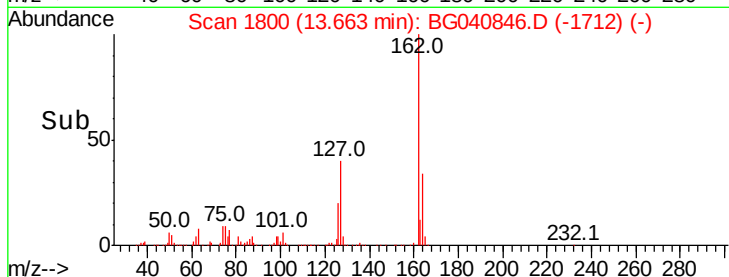
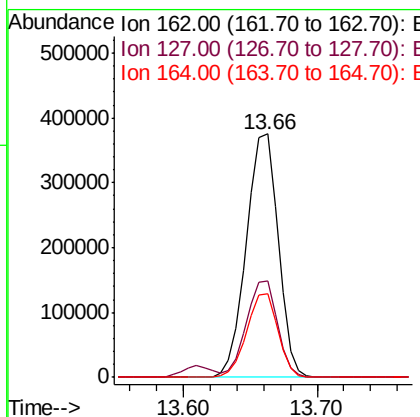
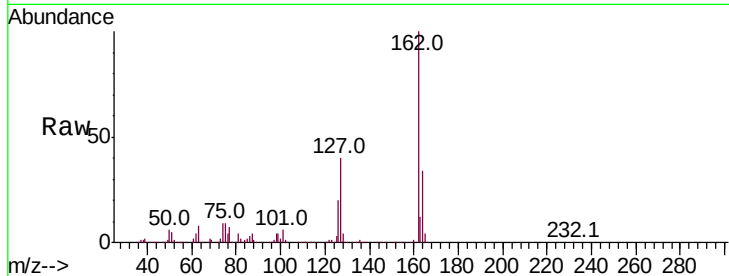
#47
 2-Chloronaphthalene
 Concen: 55.487 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	617610		
127	39.5		33.0	49.4
164	34.5		26.8	40.2

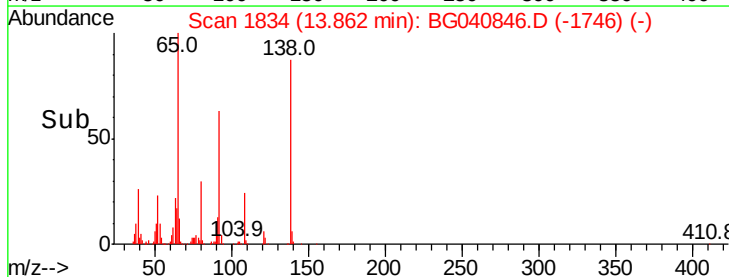
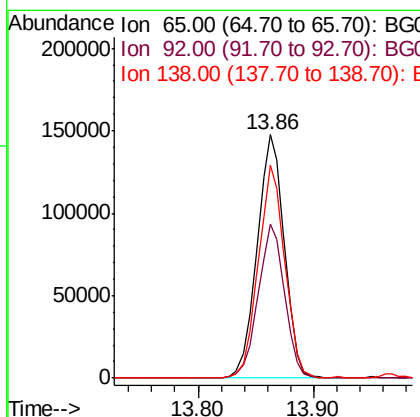
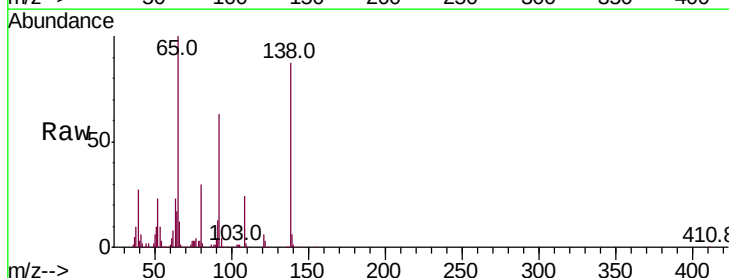
Manual Integrations
 APPROVED

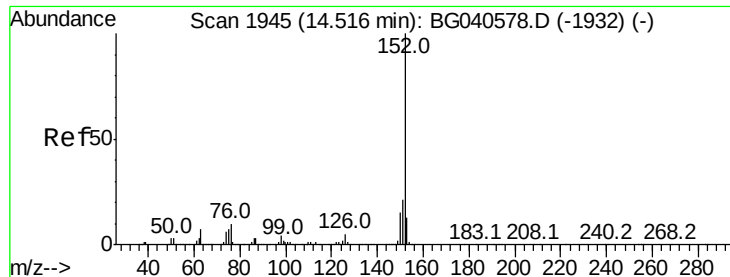
Sohil
 5/13/2019 8:39:09 PM



#48
 2-Nitroaniline
 Concen: 61.226 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	242585		
92	63.4		47.4	71.0
138	87.4		66.1	99.1





#49

Acenaphthylene

Concen: 52.507 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

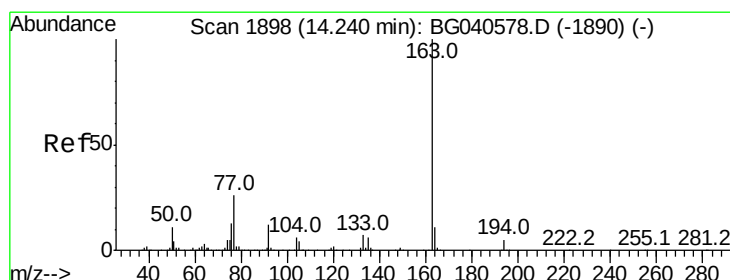
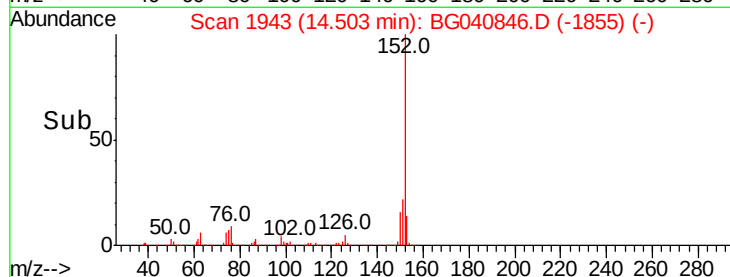
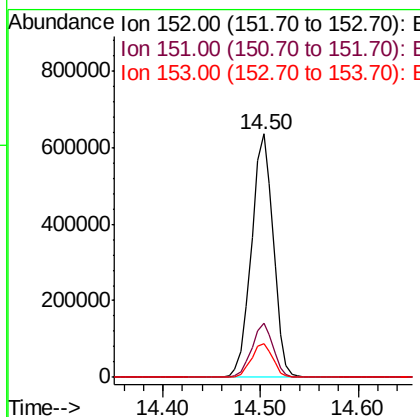
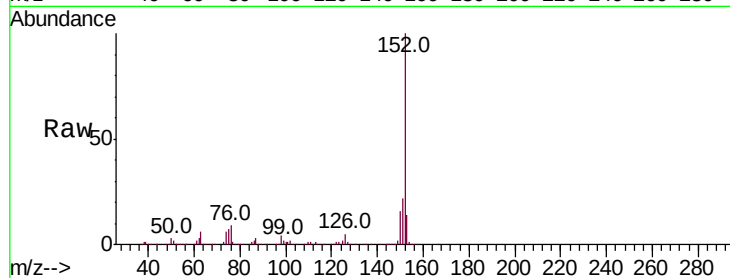
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	152	Resp:	991563
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.2	25.8
153	14.1	10.7	16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 60.717 ng

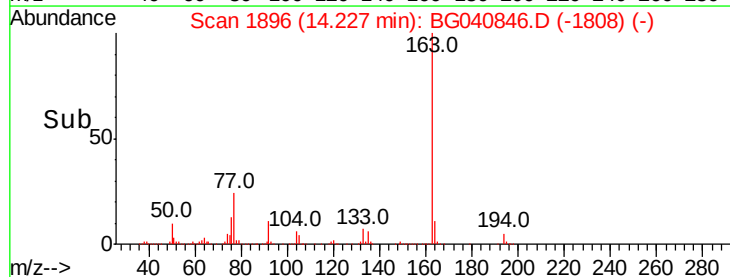
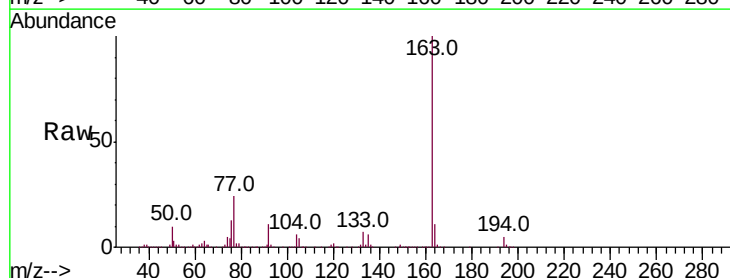
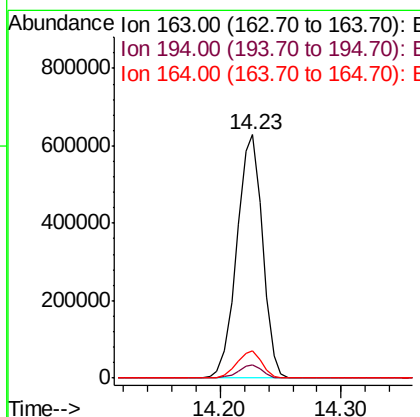
RT: 14.23 min Scan# 1896

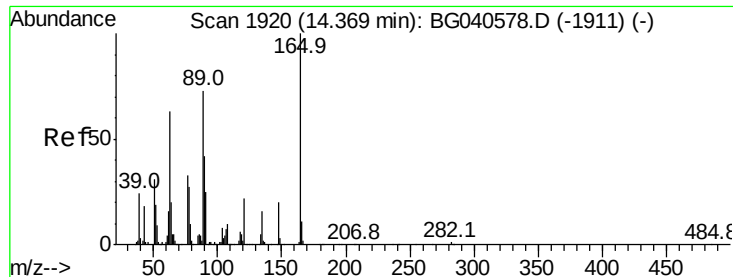
Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	163	Resp:	930607
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.8	5.8
164	11.2	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 62.410 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

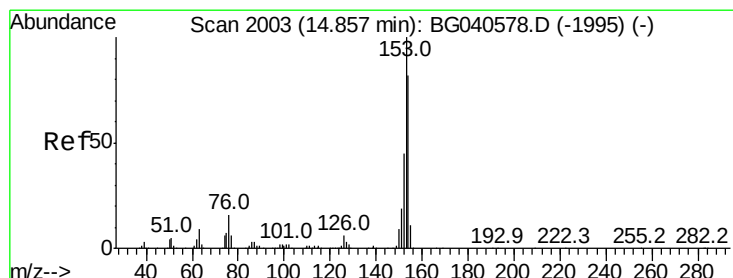
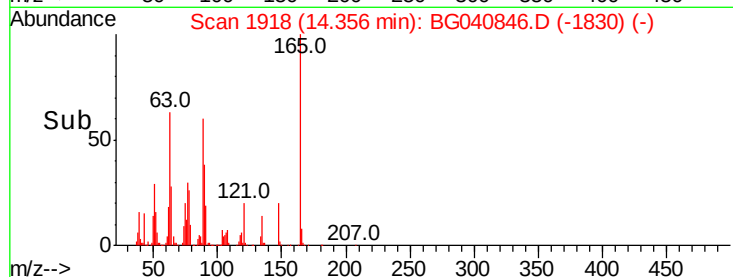
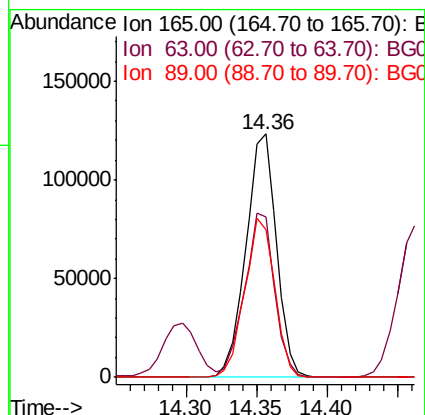
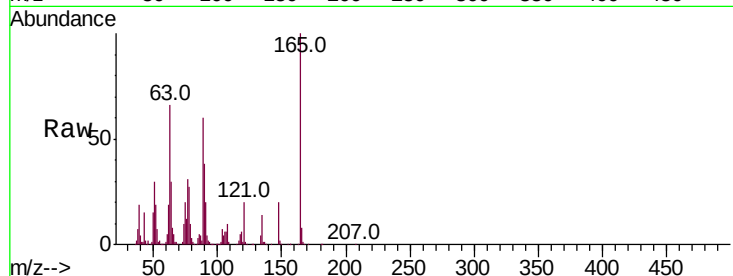
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	165	Resp:	186691
Ion Ratio	Lower	Upper	
165	100		
63	65.7	61.0	91.4
89	60.4	58.6	87.8

Manual Integrations
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#52

Acenaphthene

Concen: 52.065 ng

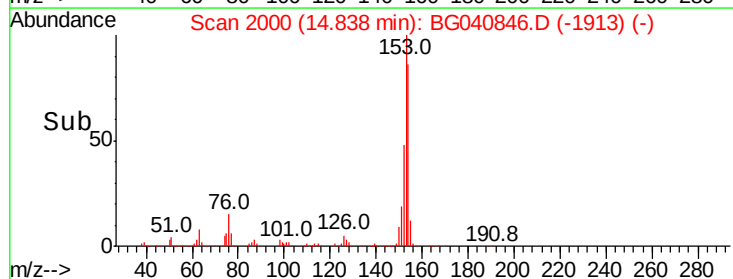
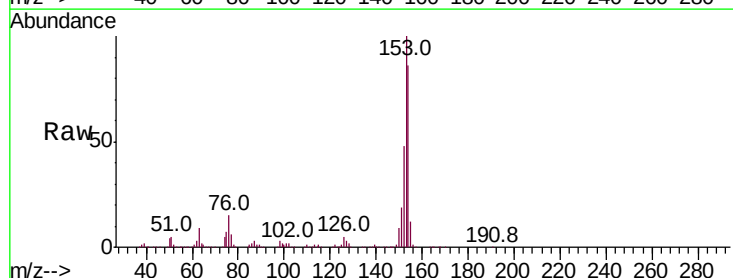
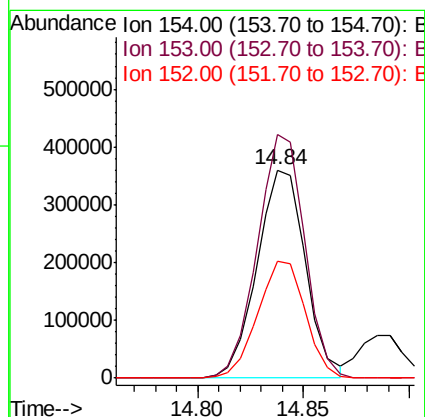
RT: 14.84 min Scan# 2000

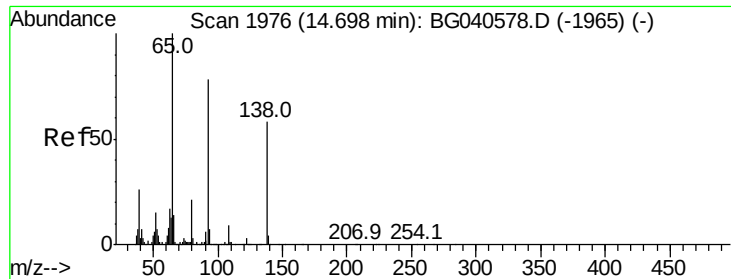
Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	154	Resp:	572591
Ion Ratio	Lower	Upper	
154	100		
153	116.9	97.0	145.6
152	56.1	44.1	66.1





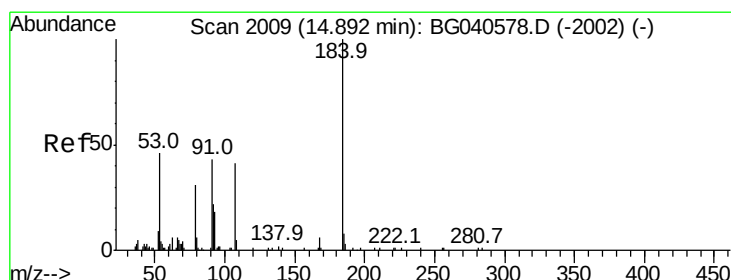
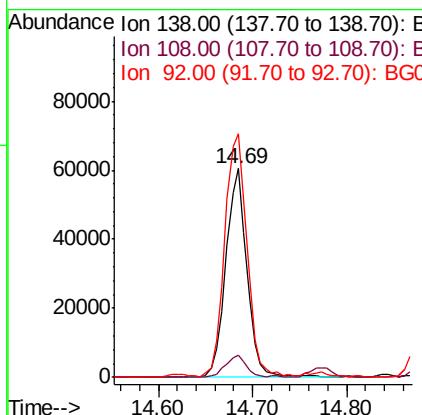
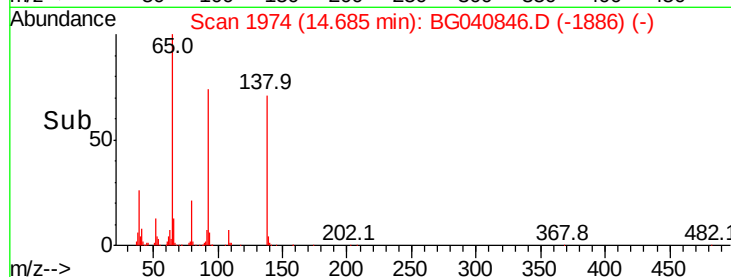
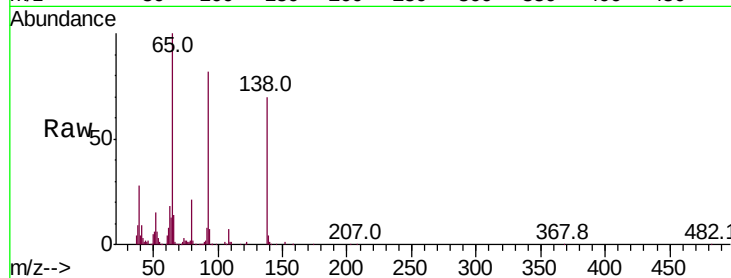
#53
3-Nitroaniline
Concen: 30.886 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion:138 Resp: 94665
Ion Ratio Lower Upper
138 100
108 10.3 12.4 18.6#
92 116.8 108.6 162.8

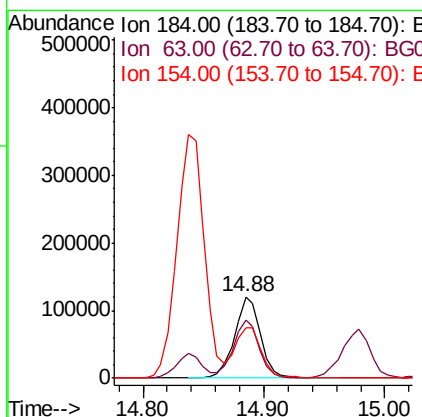
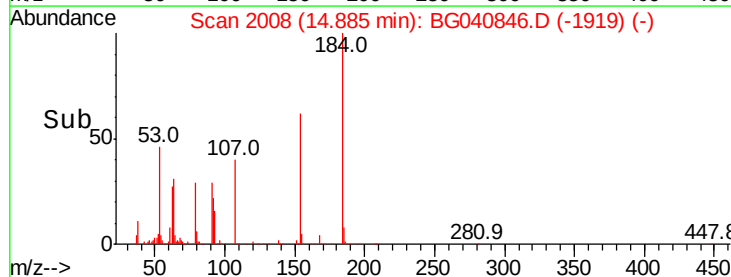
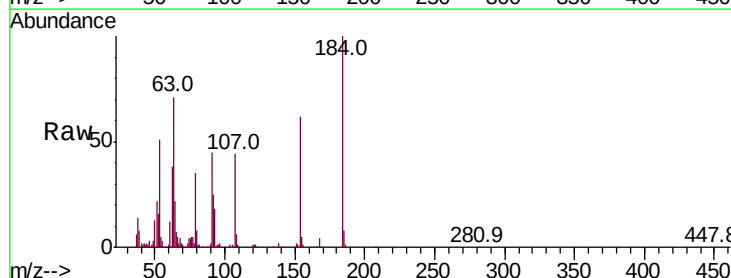
Manual Integrations
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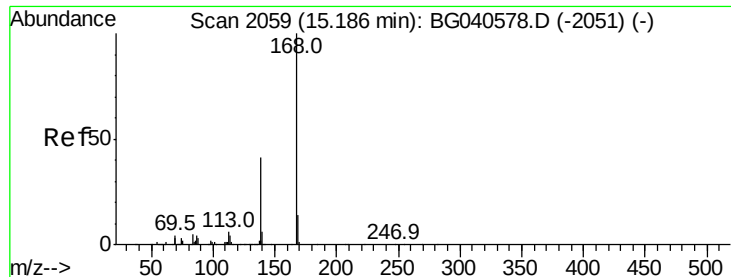
Sohil
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#54
2,4-Dinitrophenol
Concen: 104.857 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:184 Resp: 180935
Ion Ratio Lower Upper
184 100
63 71.1 51.8 77.6
154 61.8 43.6 65.4





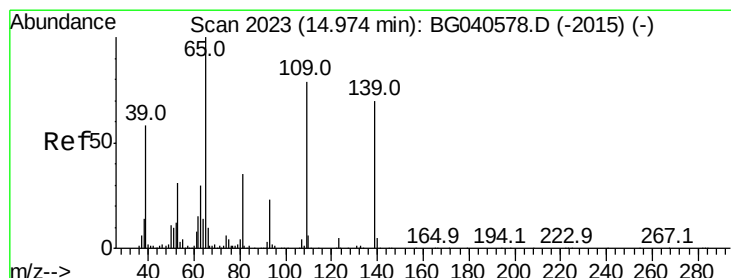
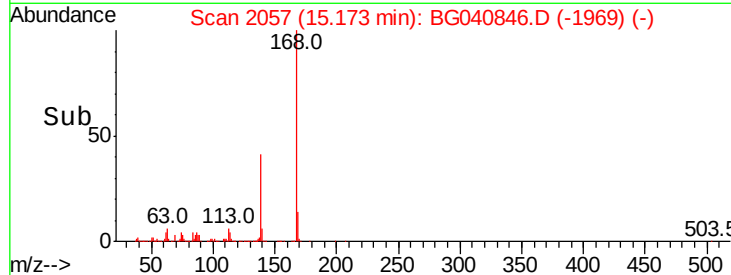
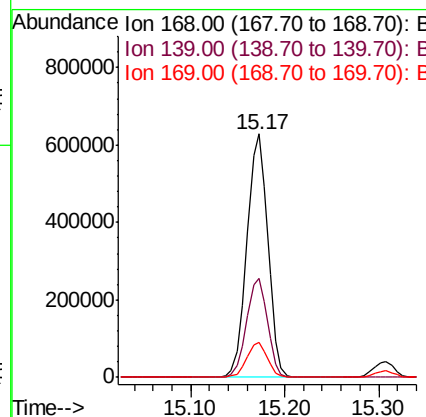
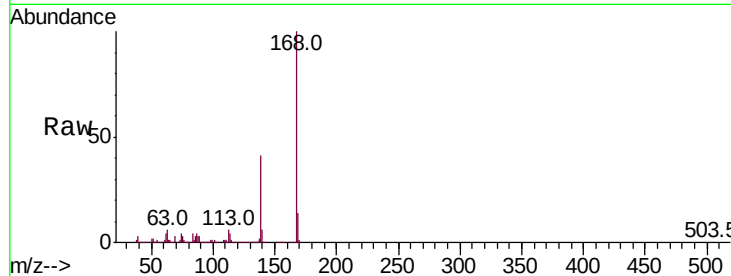
#55
Dibenzofuran
Concen: 53.625 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
168	100		
139	40.6	33.0	49.4
169	14.2	11.0	16.4

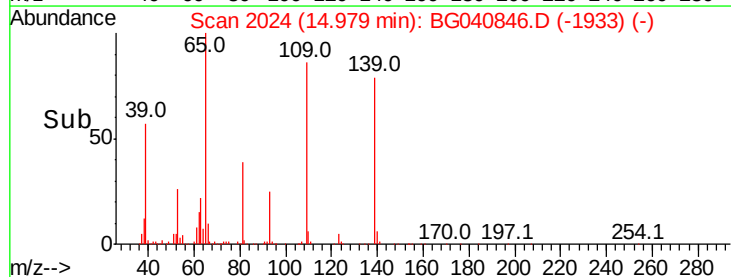
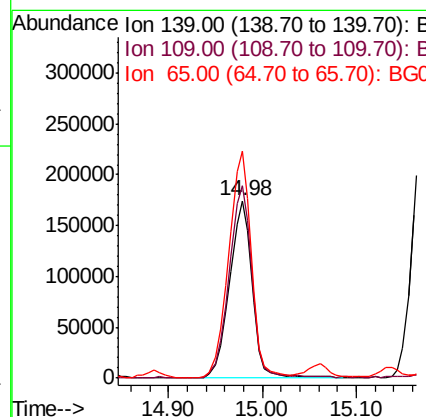
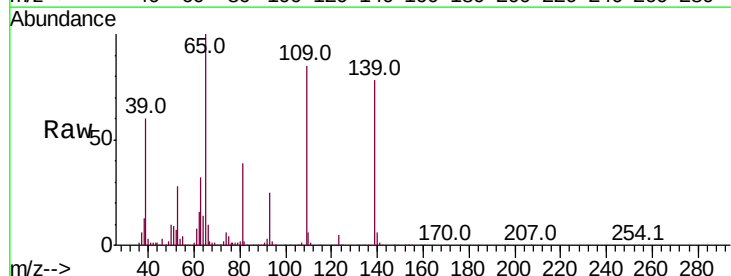
Manual Integrations
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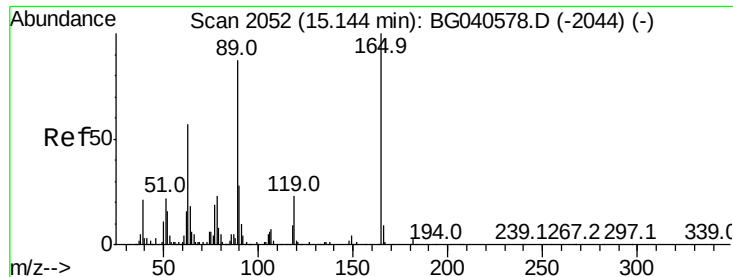
Sohil
5/13/2019 8:39:09 PM



#56
4-Nitrophenol
Concen: 110.423 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	108.6	93.8	133.8
65	127.7	122.7	162.7





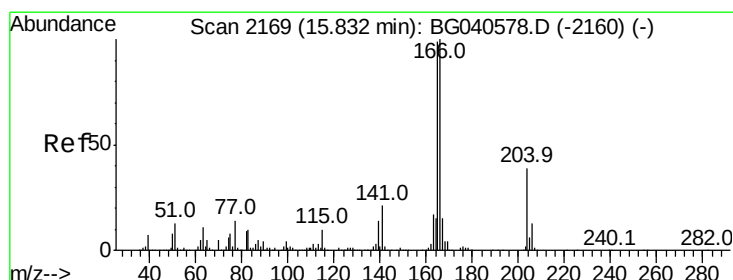
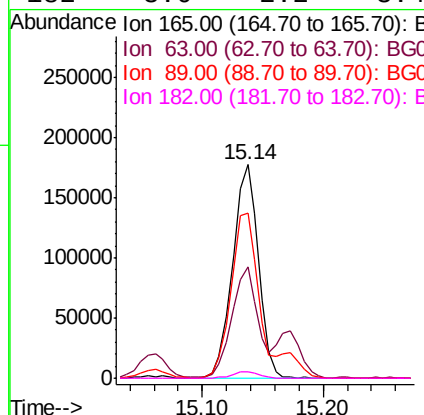
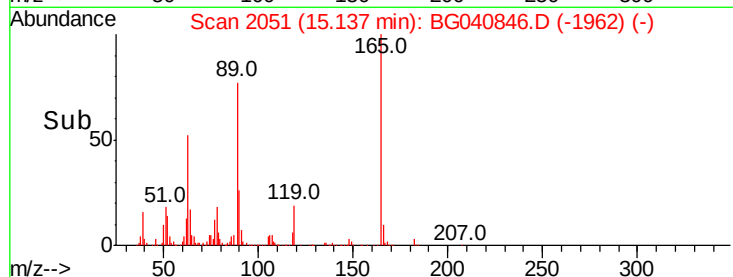
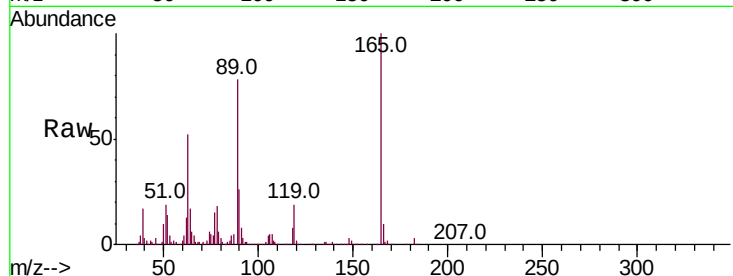
#57
2,4-Dinitrotoluene
Concen: 64.890 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	263761		
63	52.3	45.8	68.8	
89	77.6	69.4	104.2	
182	3.0	2.2	3.4	

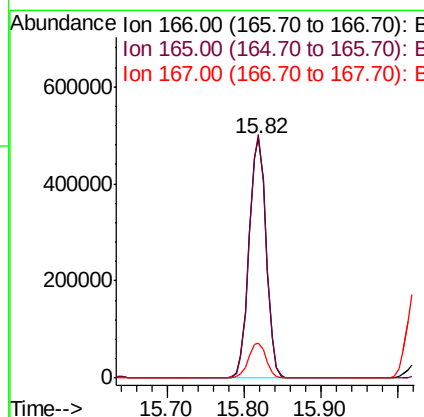
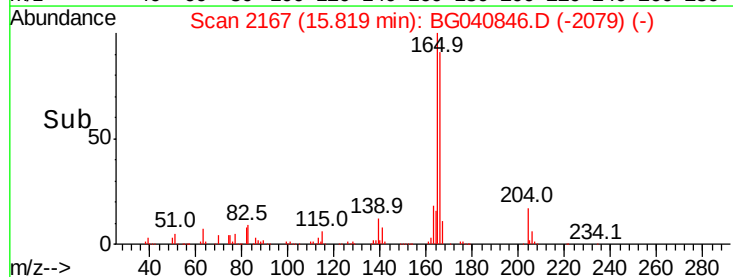
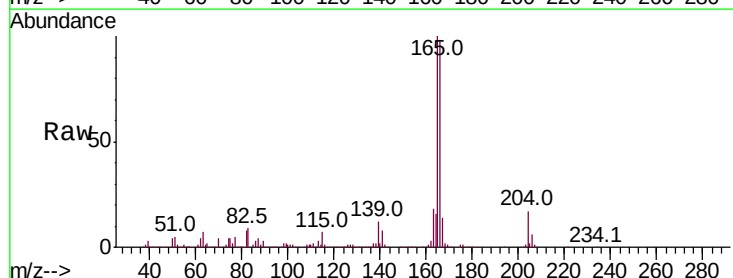
Manual Integrations
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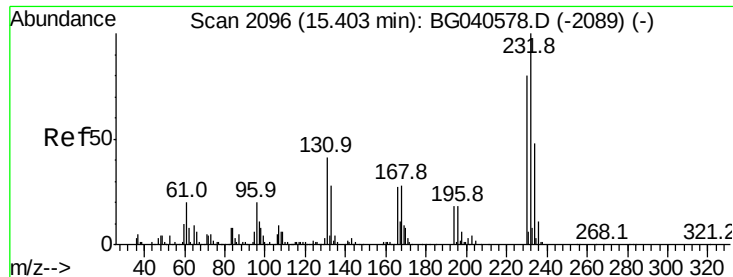
Sohil
5/13/2019 8:39:09 PM



#58
Fluorene
Concen: 53.085 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	772885		
165	101.7	79.6	119.4	
167	14.7	12.2	18.2	





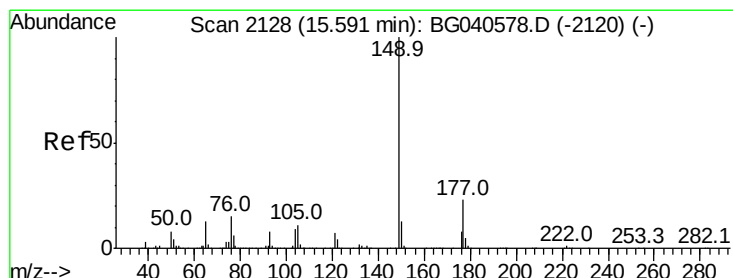
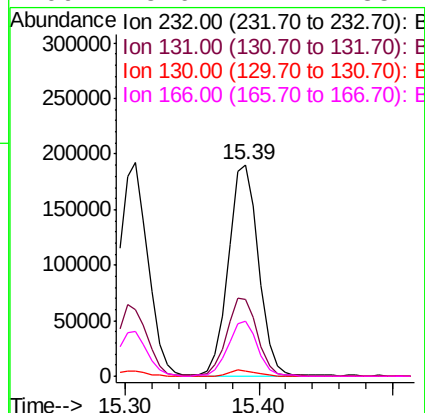
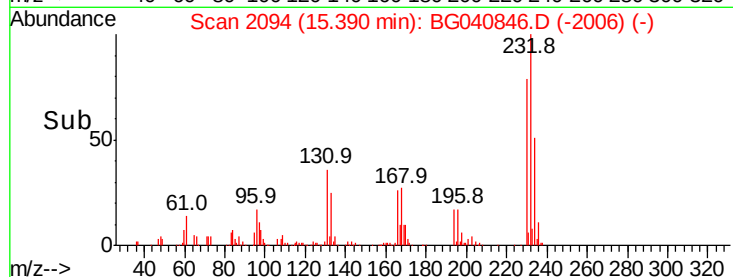
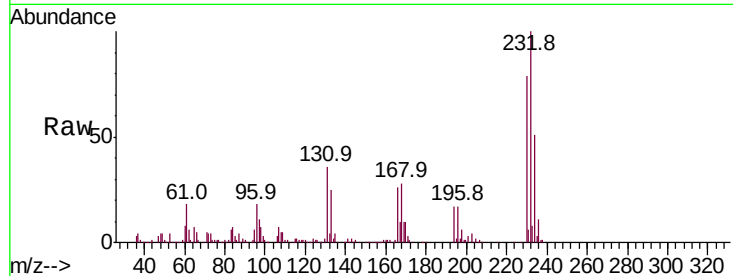
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 66.270 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	37.2	33.0	49.4
130	2.6	2.0	3.0
166	25.6	22.1	33.1

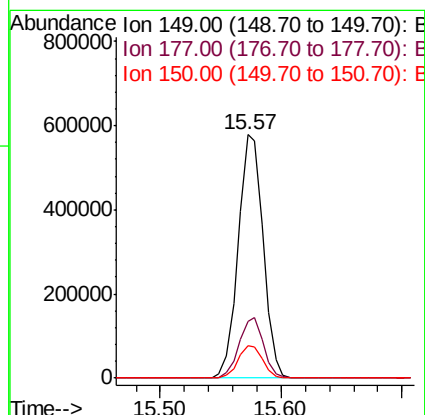
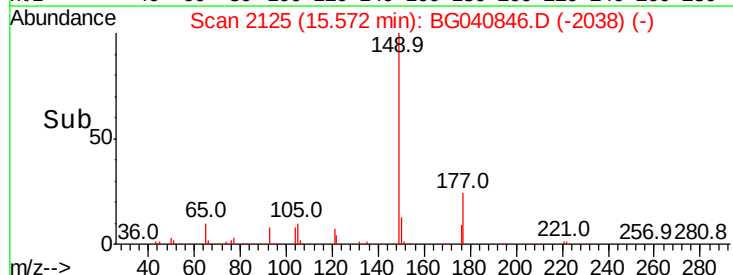
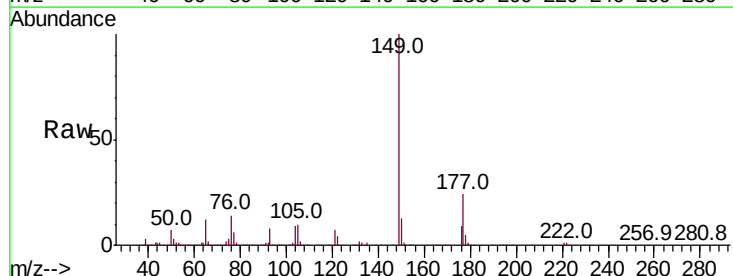
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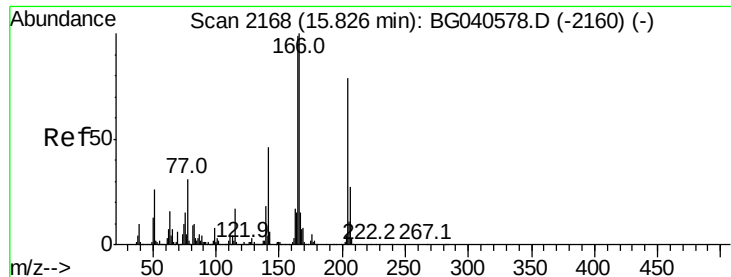
Sohil
 5/13/2019 8:39:09 PM



#60
 Diethylphthalate
 Concen: 51.391 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.5	18.5	27.7
150	13.5	10.2	15.4





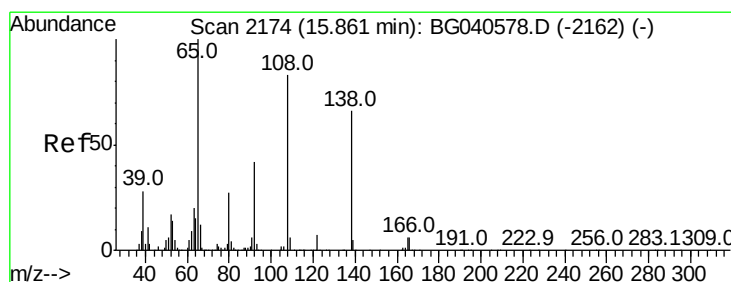
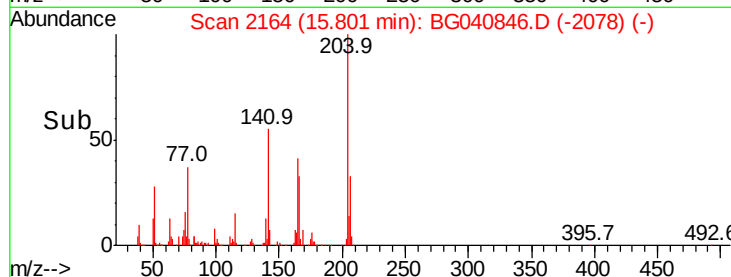
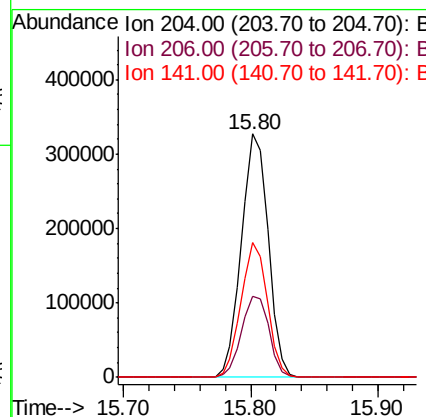
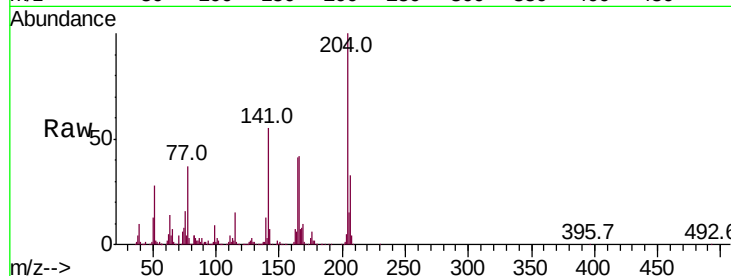
#61
4-Chlorophenyl-phenylether
Concen: 56.585 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.4	41.2
141	55.2	46.0	69.0

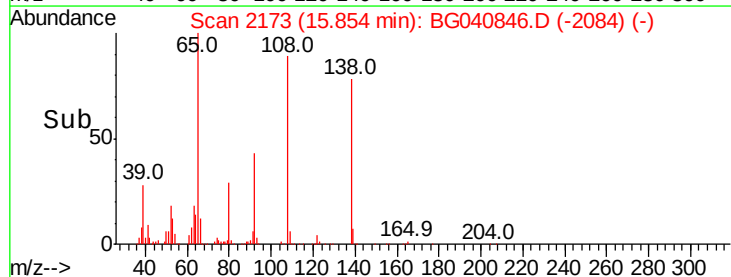
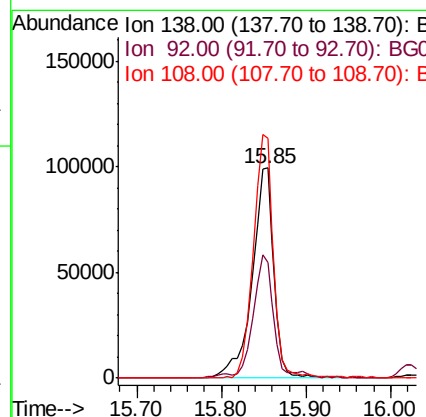
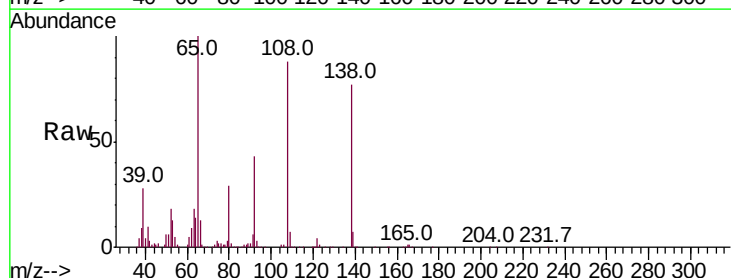
Manual Integrations
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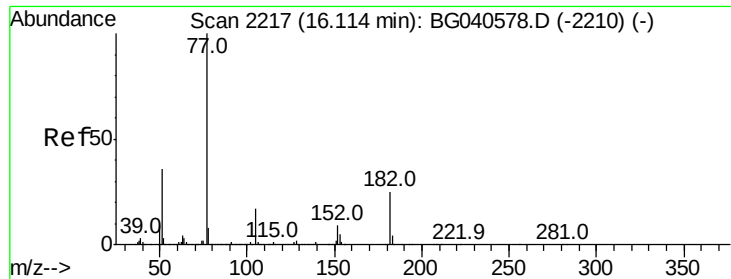
Sohil
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#62
4-Nitroaniline
Concen: 52.278 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	43.9	83.9
108	114.3	106.5	146.5





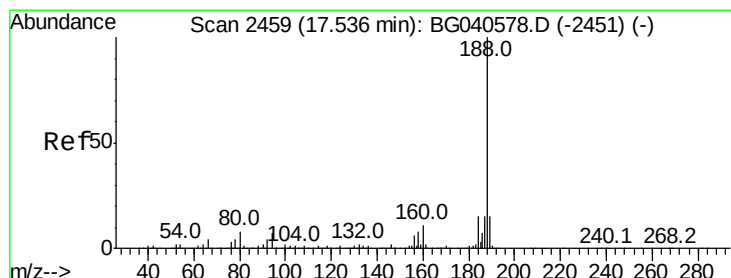
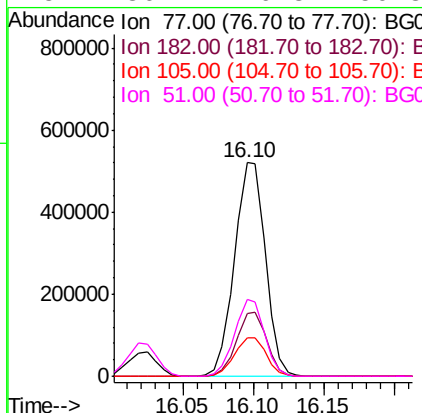
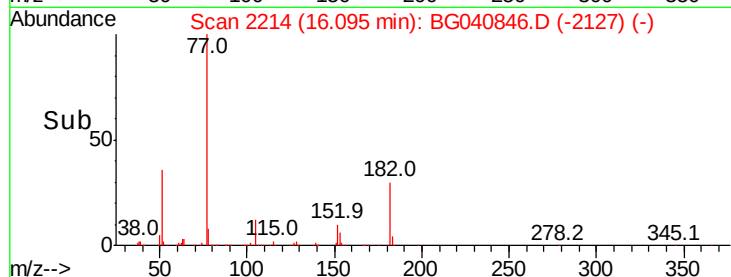
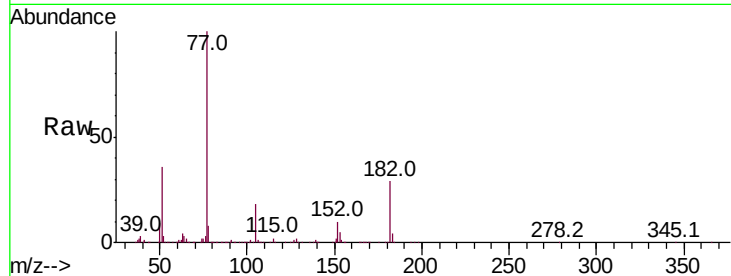
#63
Azobenzene
Concen: 47.589 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	29.3	5.0	45.0	
105	18.2	0.0	37.6	
51	36.2	16.3	56.3	

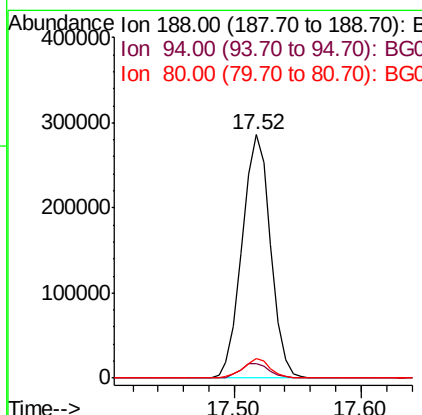
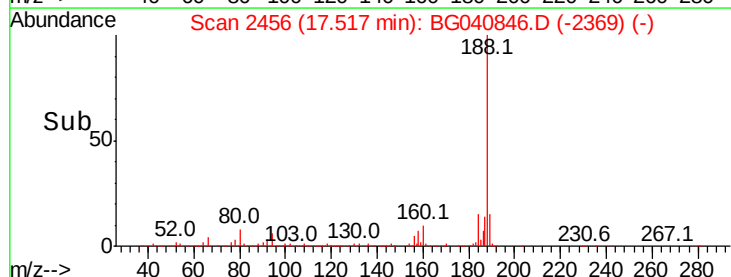
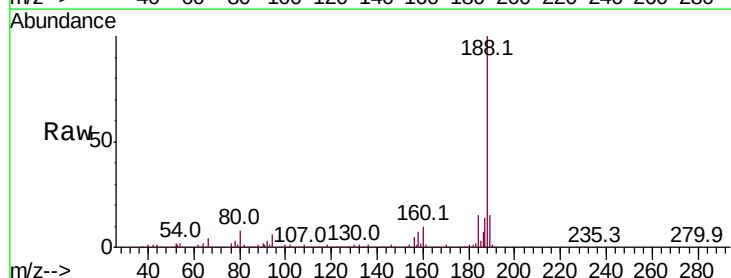
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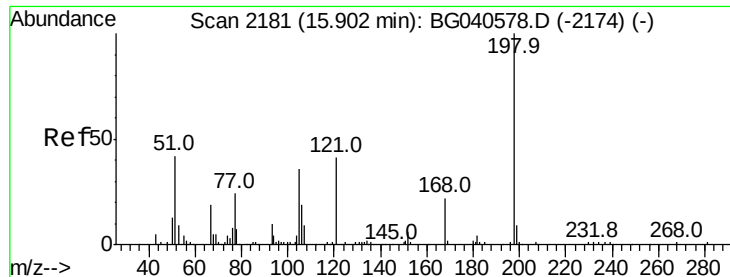
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.9	5.6	8.4	
80	8.2	6.4	9.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 61.400 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:198 Resp: 139725

Ion Ratio Lower Upper

198 100

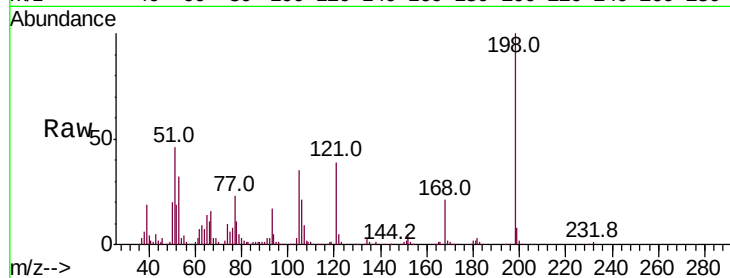
51 45.5 35.9 75.9

105 35.0 21.2 61.2

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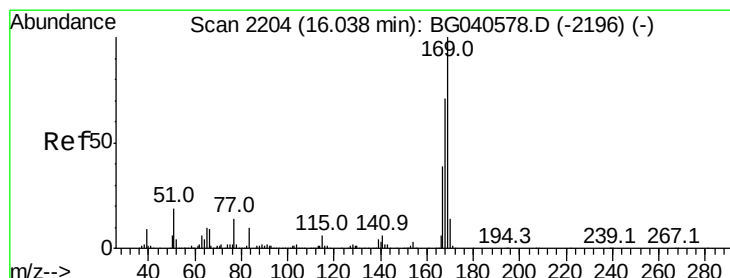
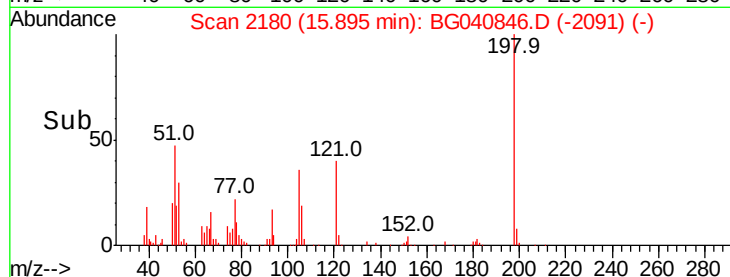
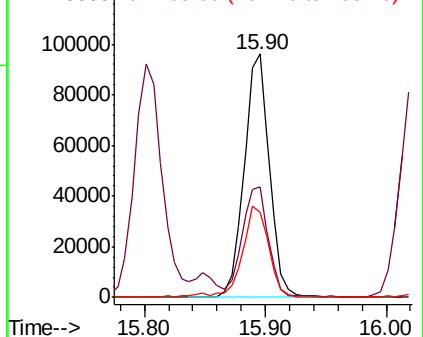
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.086 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

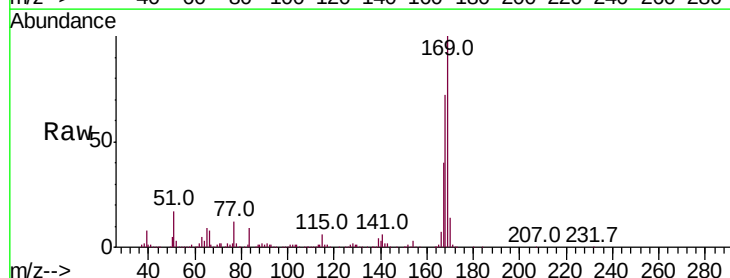
Tgt Ion:169 Resp: 708084

Ion Ratio Lower Upper

169 100

168 71.8 56.8 85.2

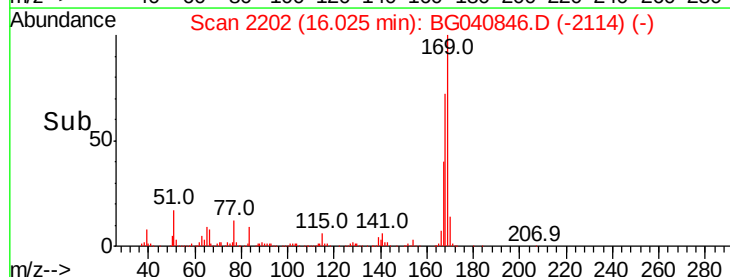
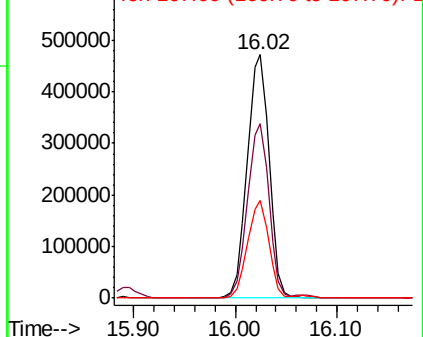
167 40.0 31.4 47.0

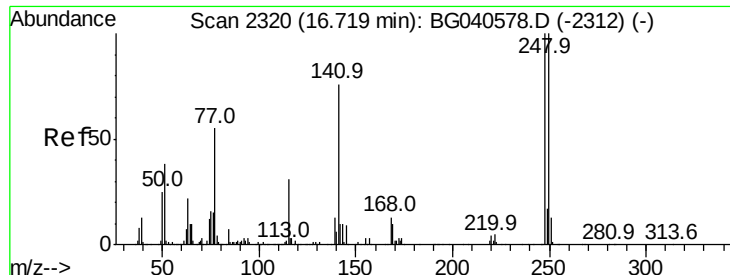


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





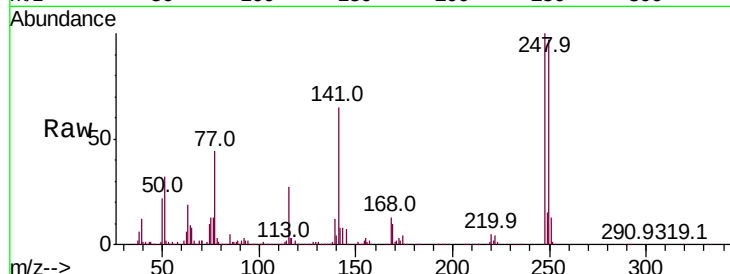
#67
4-Bromophenyl-phenylether
Concen: 57.680 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.8	119.6
141	65.4	60.8	91.2

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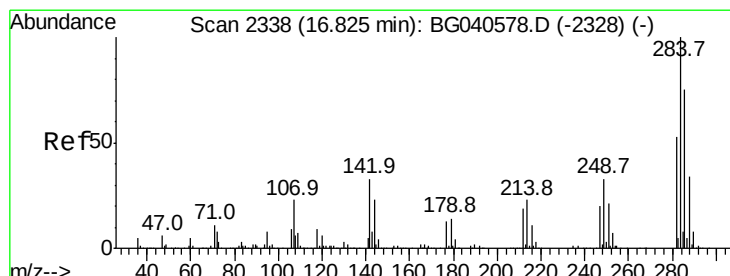
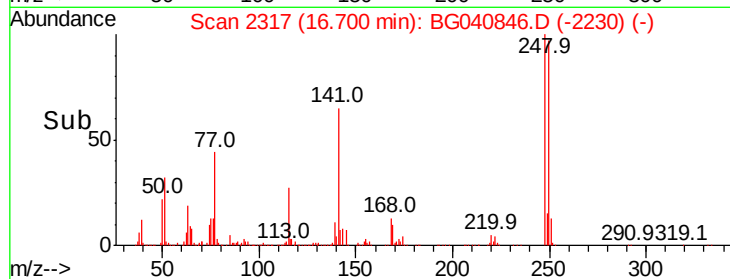
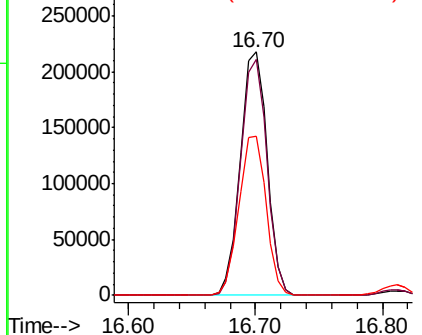


Abundance

Ion 248.00 (247.70 to 248.70): E

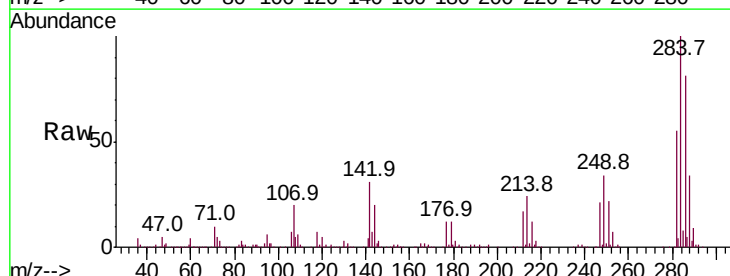
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 56.292 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	26.6	40.0
249	34.0	26.0	39.0

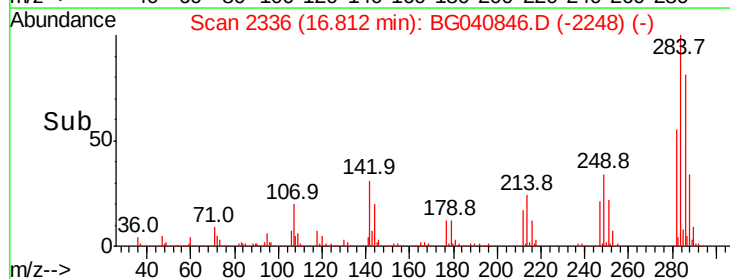
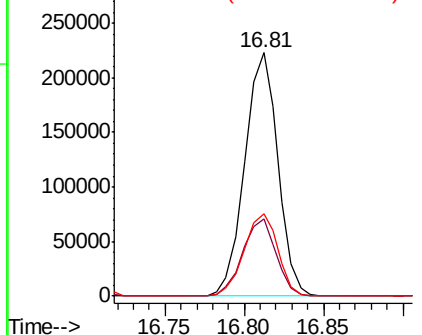


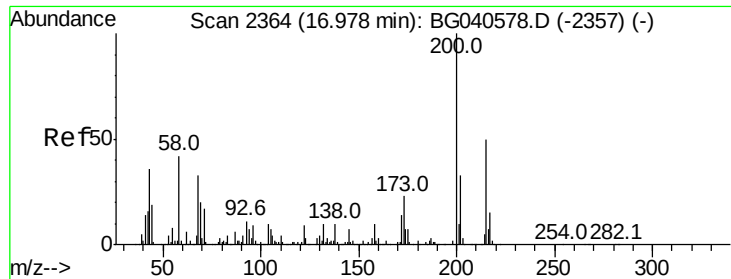
Abundance

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





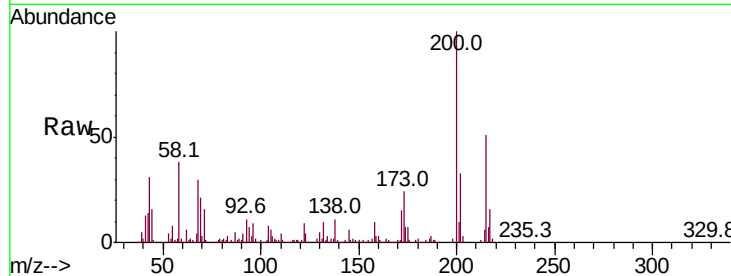
#69
 Atrazine
 Concen: 58.425 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.7	2.8	42.8	
215	51.1	30.2	70.2	

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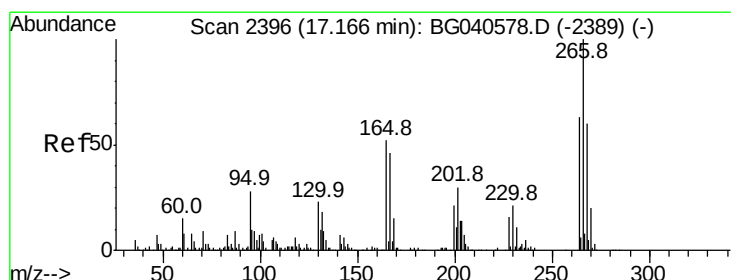
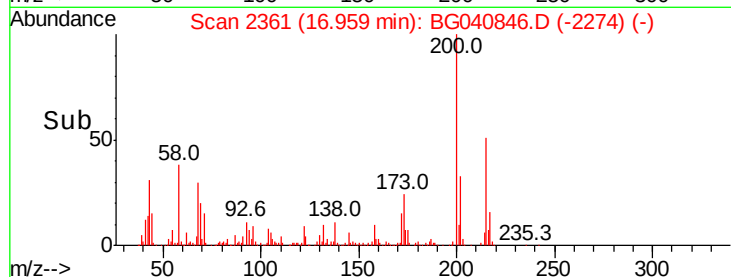
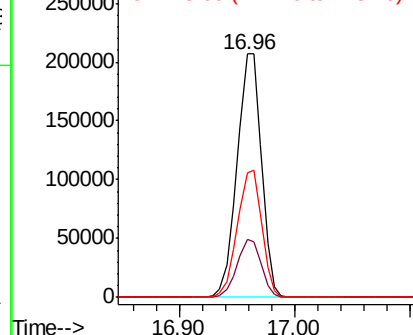


Abundance

Ion 200.00 (199.70 to 200.70): E

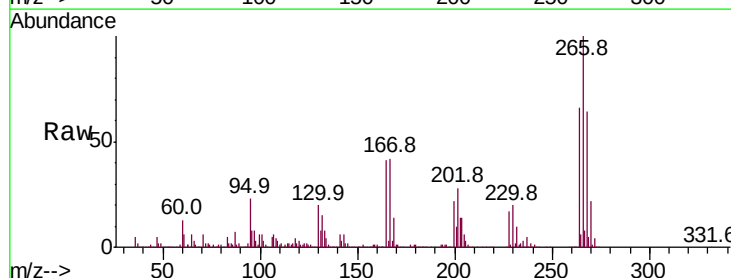
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 127.498 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.8	52.3	78.5	
264	65.7	50.0	75.0	

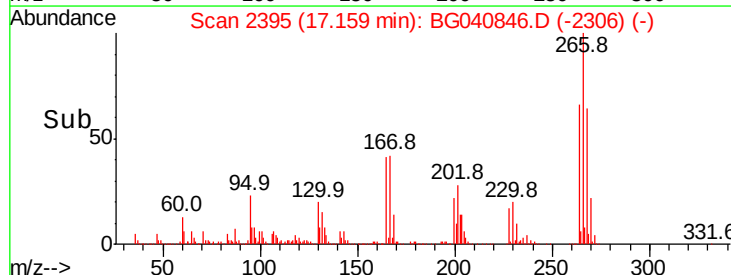
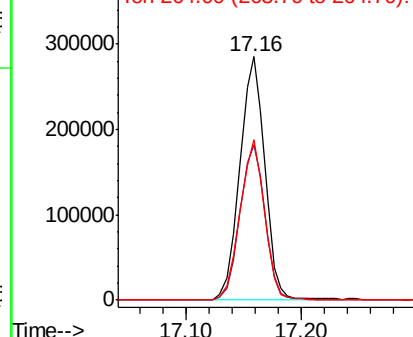


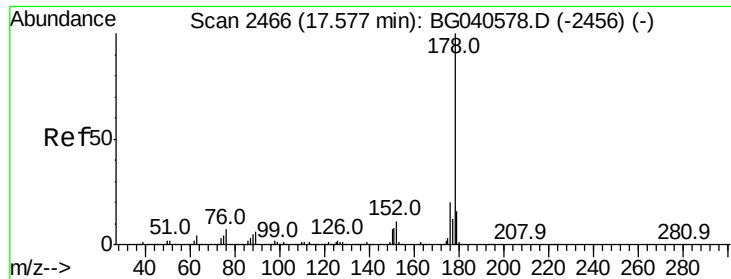
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 59.570 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:178 Resp: 1427778

Ion Ratio Lower Upper

178 100

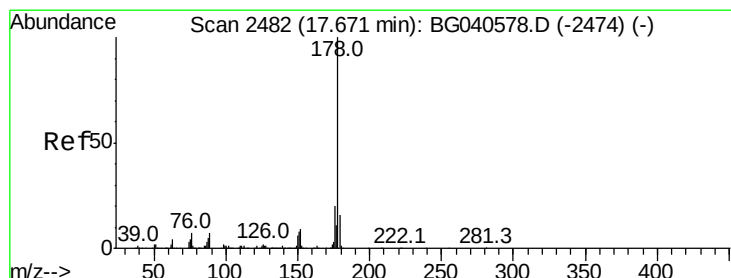
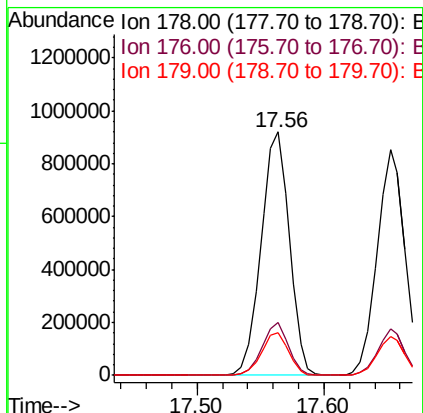
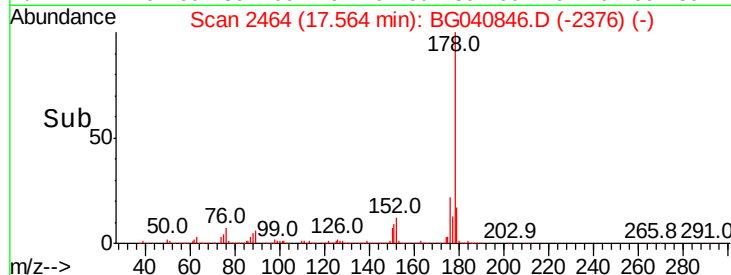
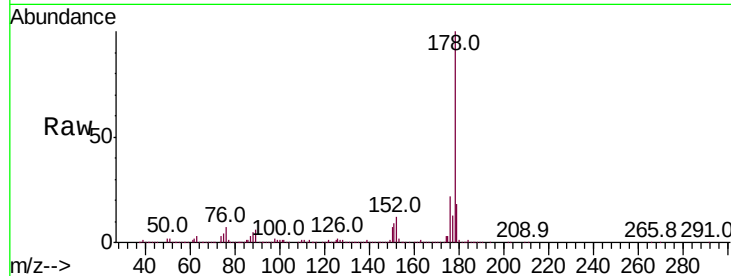
176 21.6 15.8 23.6

179 17.5 12.6 18.8

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#72

Anthracene

Concen: 53.981 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

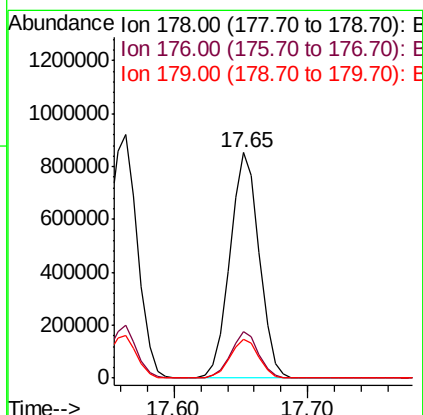
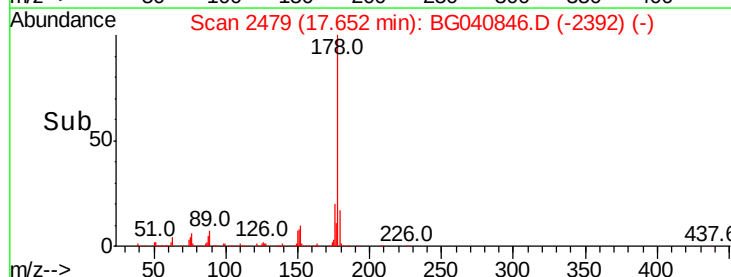
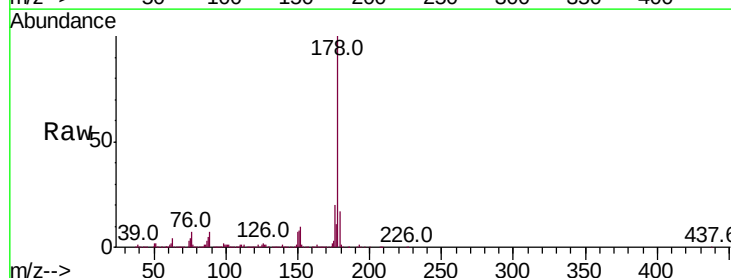
Tgt Ion:178 Resp: 1300496

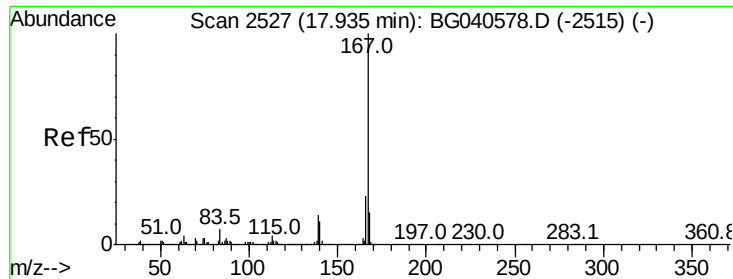
Ion Ratio Lower Upper

178 100

176 20.5 15.6 23.4

179 17.4 12.9 19.3





#73

Carbazole

Concen: 51.318 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

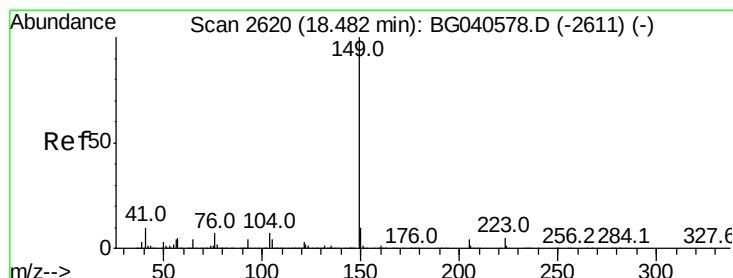
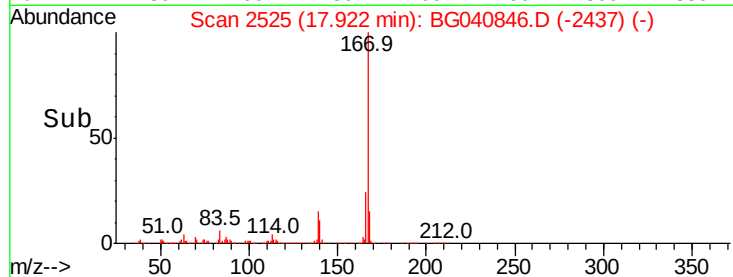
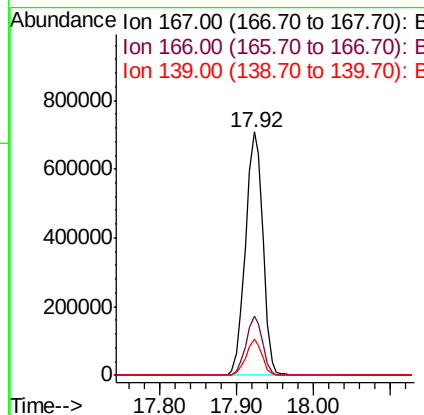
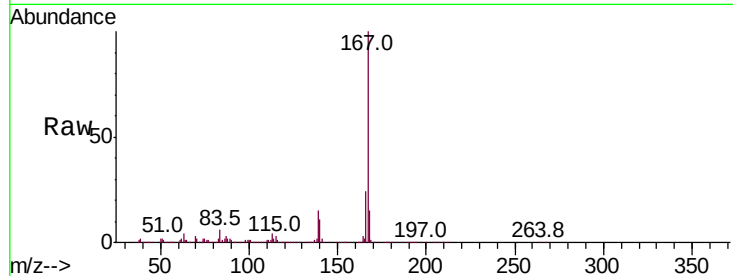
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.2	27.4
139	14.7	11.4	17.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 47.930 ng

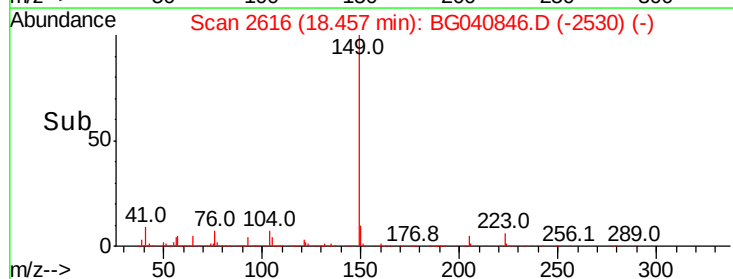
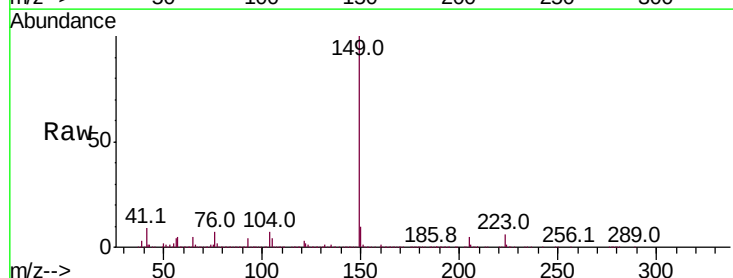
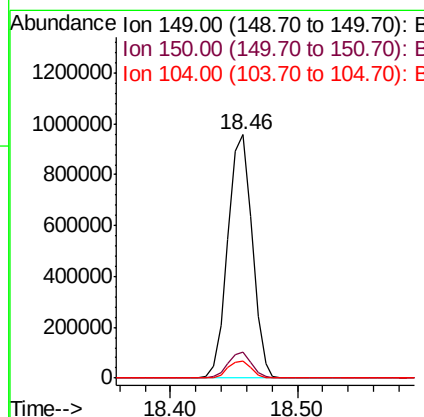
RT: 18.46 min Scan# 2616

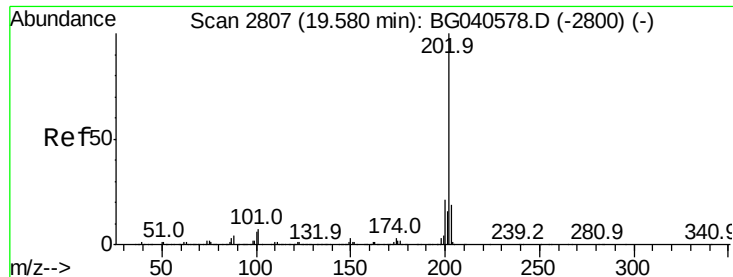
Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.2	12.2
104	7.2	5.4	8.2





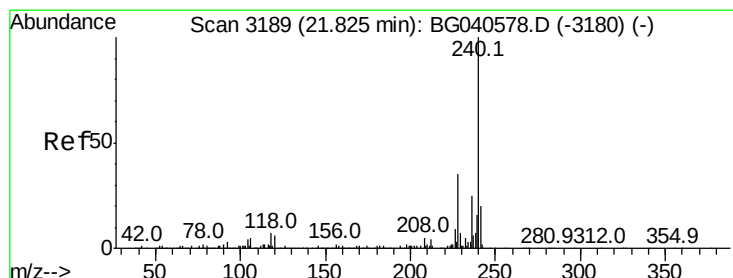
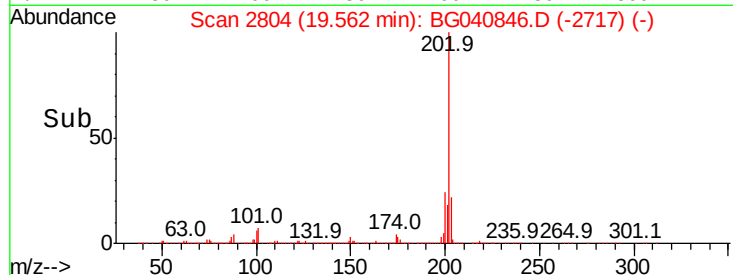
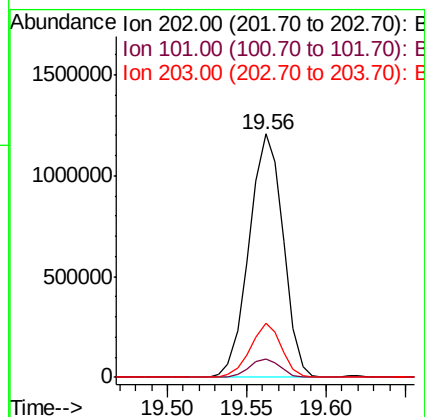
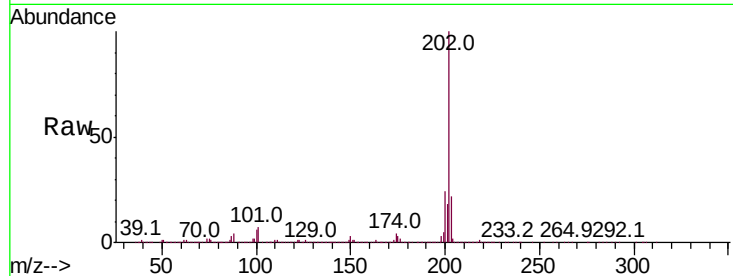
#75
 Fluoranthene
 Concen: 60.280 ng
 RT: 19.56 min Scan# 2804
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	27.5
203	22.0	0.0	39.3

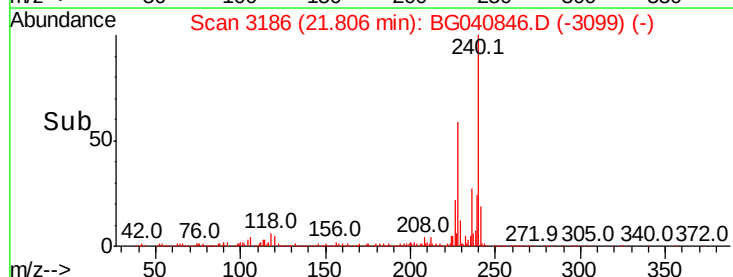
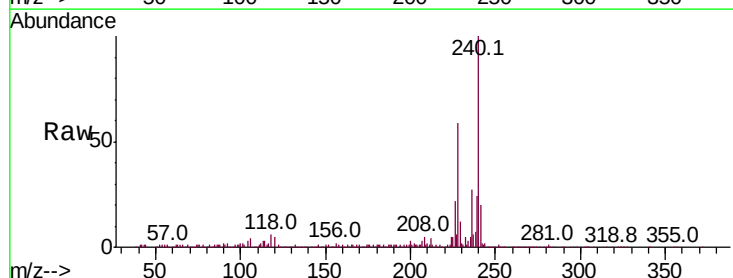
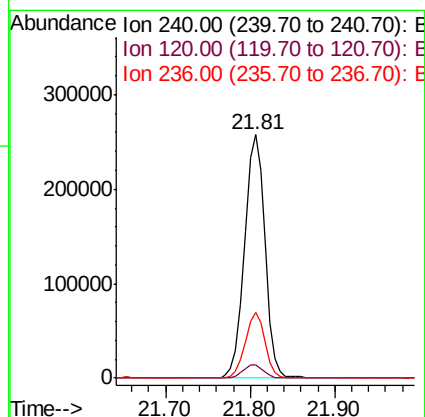
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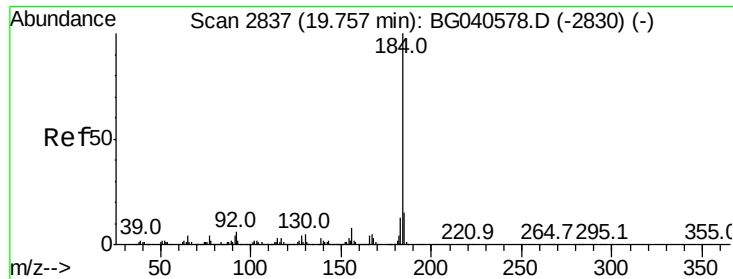
Sohil
 5/13/2019 8:39:09 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.0	7.6
236	27.1	20.3	30.5





#77

Benzidine

Concen: 13.748 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

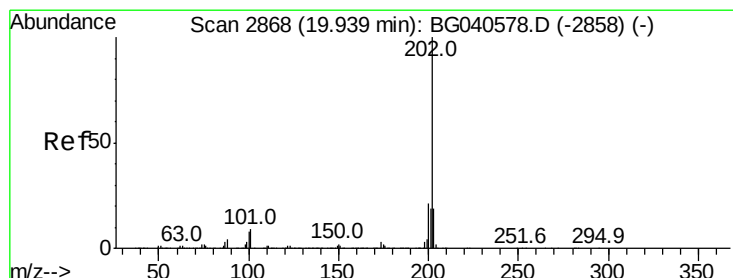
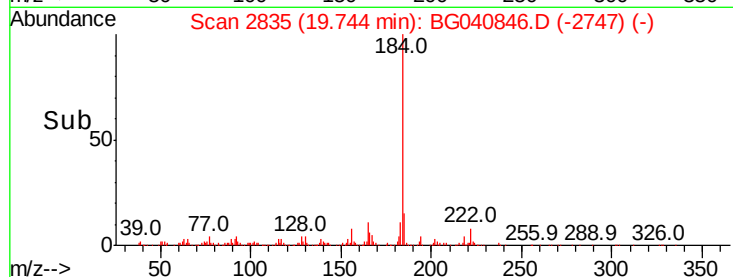
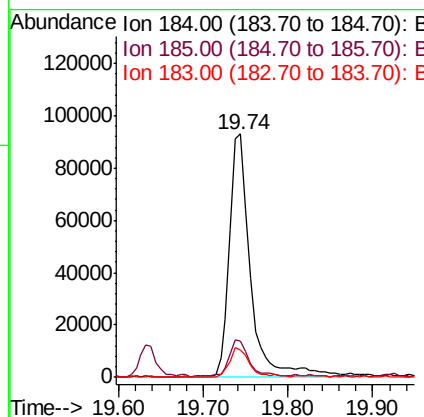
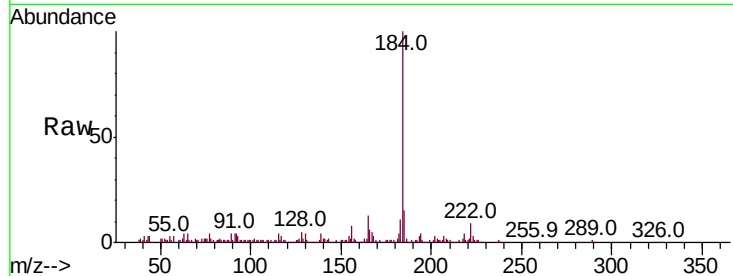
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	184	Resp:	160904
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.8
183	11.4	10.2	15.2

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#78

Pyrene

Concen: 78.085 ng m

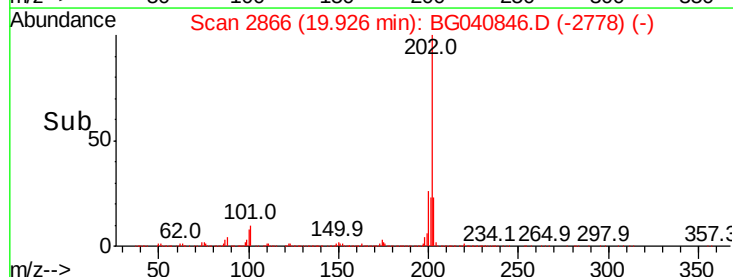
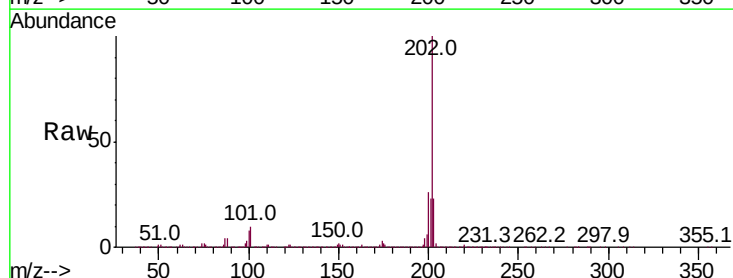
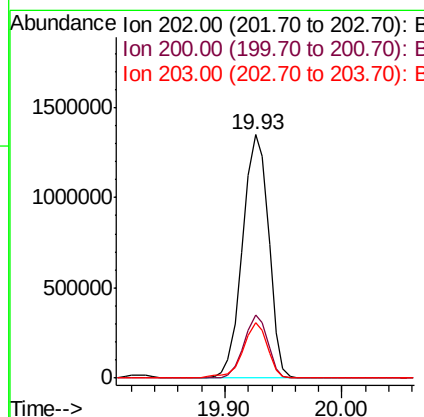
RT: 19.93 min Scan# 2866

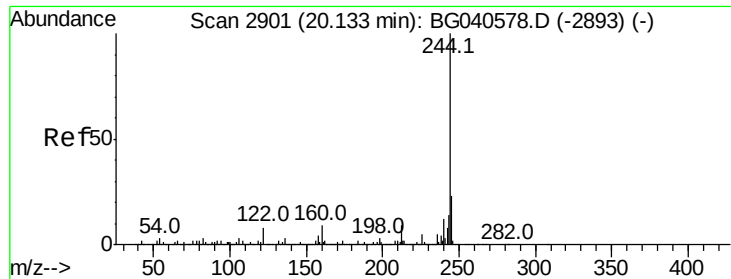
Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	202	Resp:	2091973
Ion Ratio	Lower	Upper	
202	100		
200	25.9	17.2	25.8#
203	23.0	15.0	22.4#





#79

Terphenyl-d14

Concen: 88.982 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:244 Resp: 1716872

Ion Ratio Lower Upper

244 100

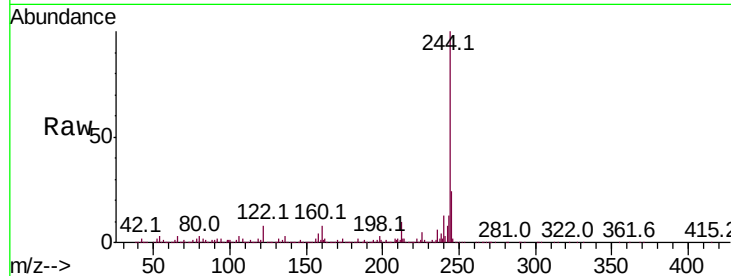
212 9.7 7.2 10.8

122 7.8 6.6 10.0

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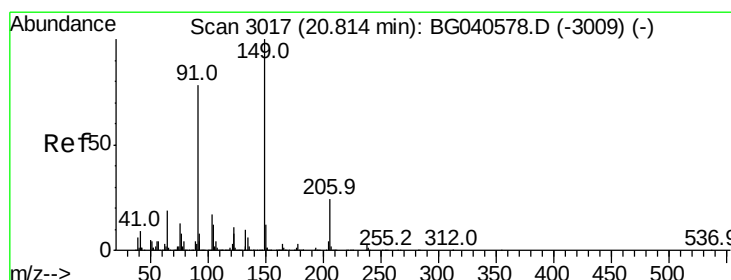
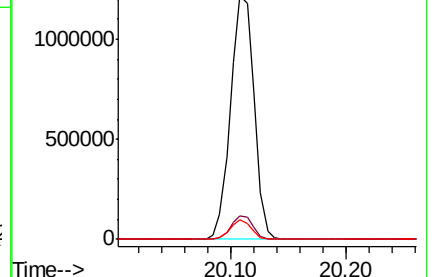
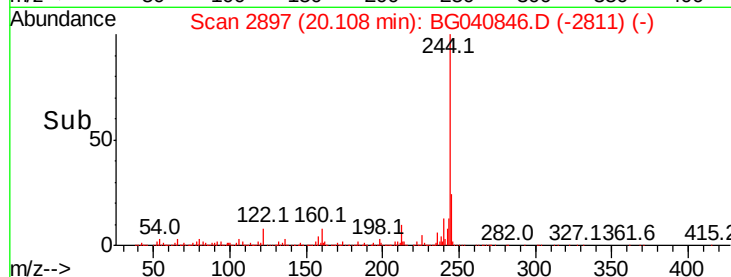
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.490 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

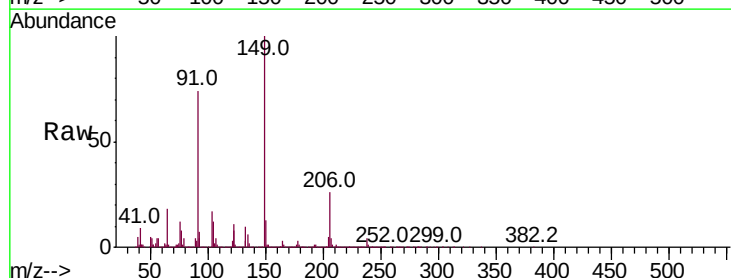
Tgt Ion:149 Resp: 589865

Ion Ratio Lower Upper

149 100

91 74.1 62.6 93.8

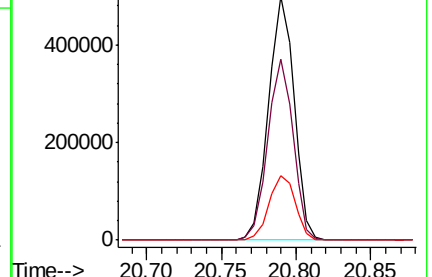
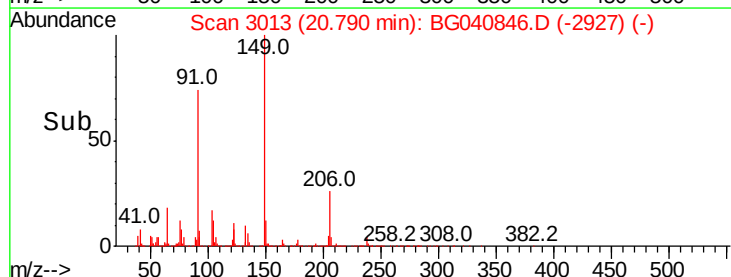
206 26.4 19.4 29.2

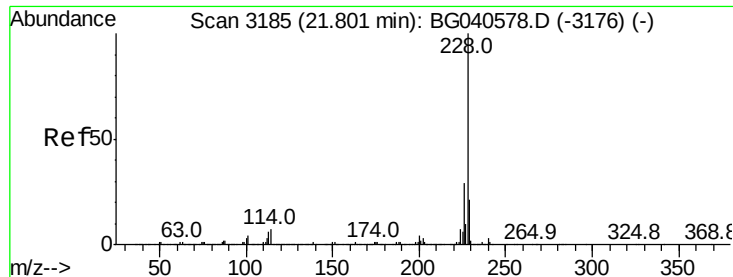


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 63.512 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

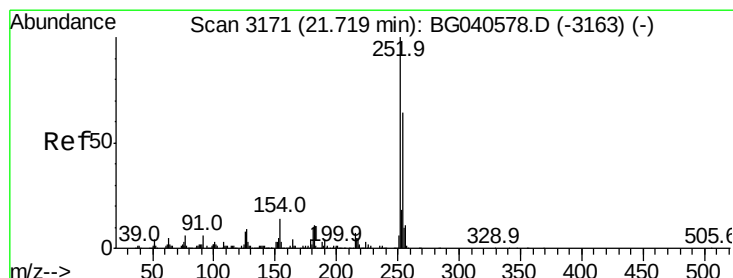
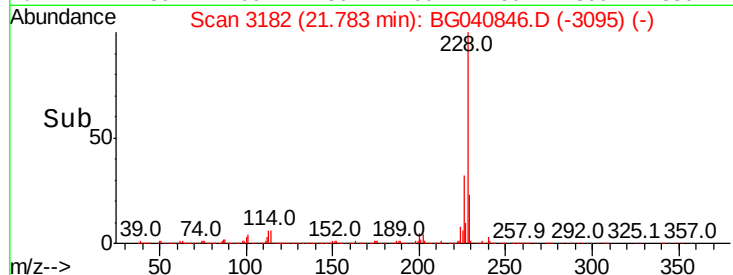
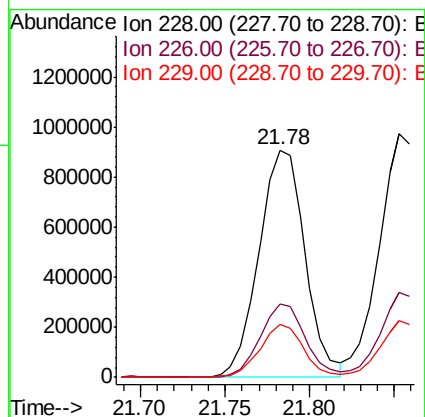
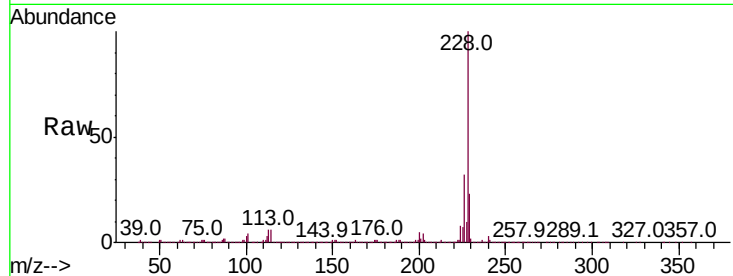
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	228	Resp:	1715813
Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.1	34.7
229	23.4	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 27.685 ng

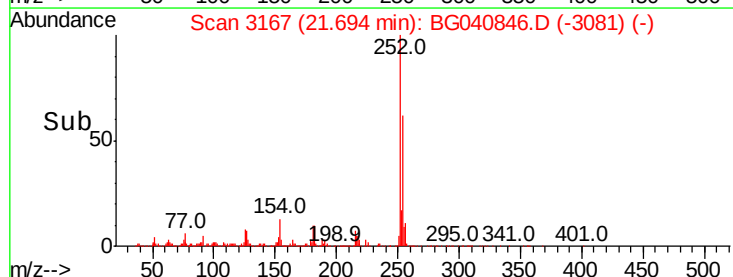
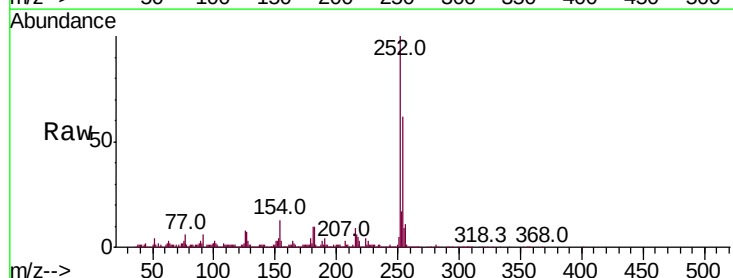
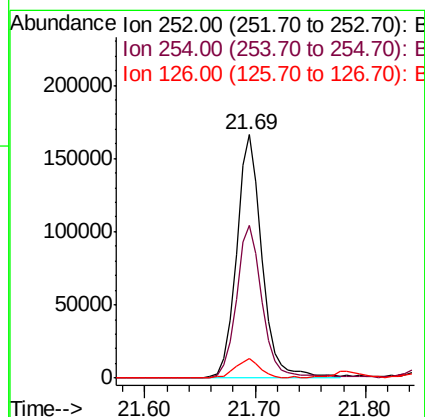
RT: 21.69 min Scan# 3167

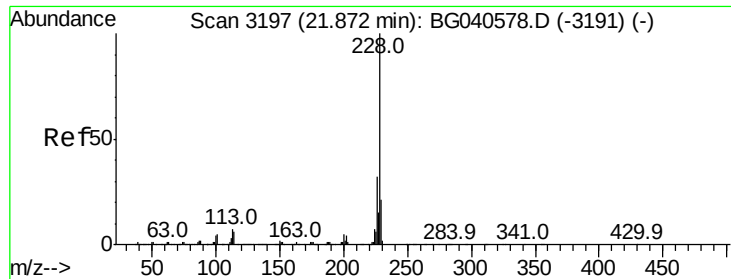
Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	252	Resp:	266577
Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.2	76.8
126	8.1	6.6	10.0





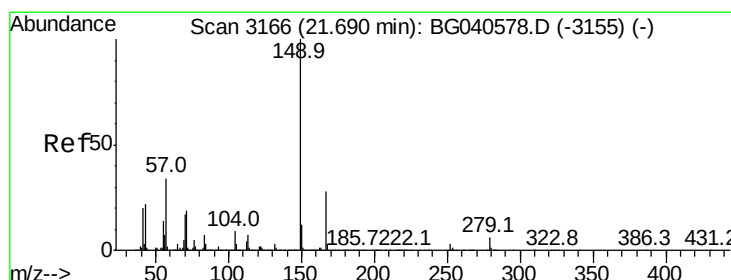
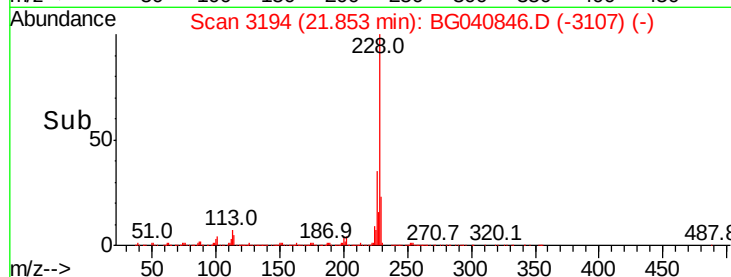
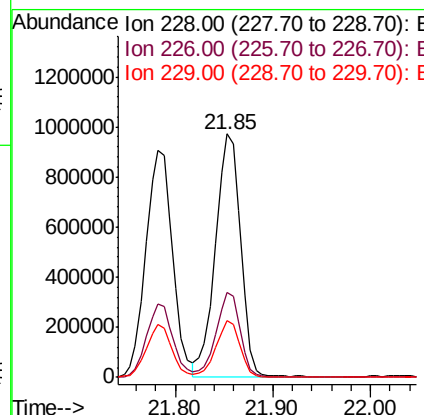
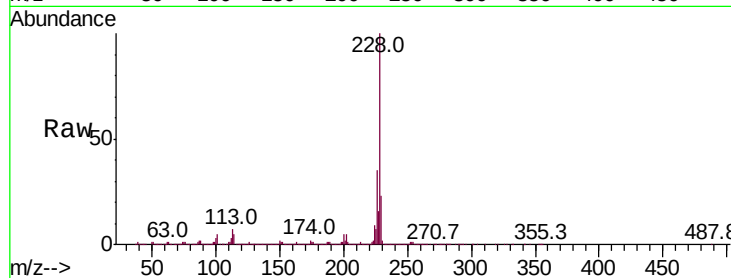
#83
 Chrysene
 Concen: 67.495 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.0	25.5	38.3
229	23.5	16.8	25.2

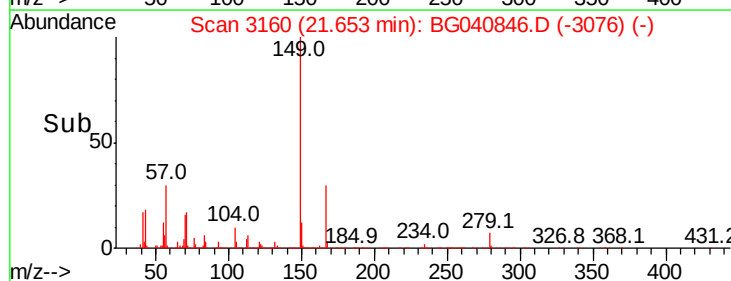
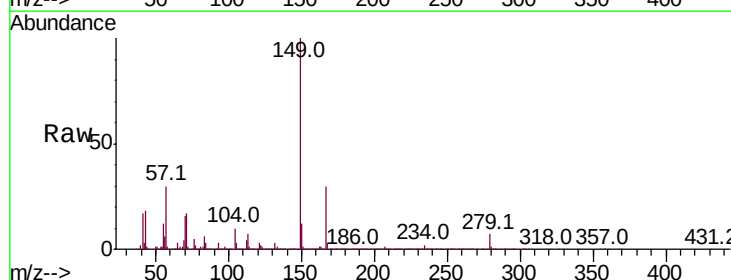
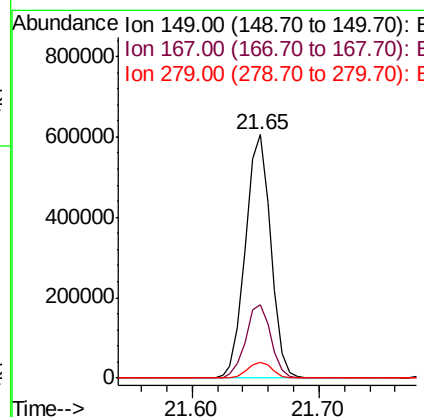
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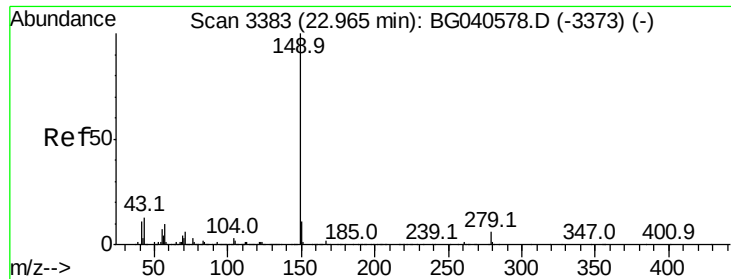
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.300 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.04 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.4	33.6
279	6.6	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 55.991 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.05 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

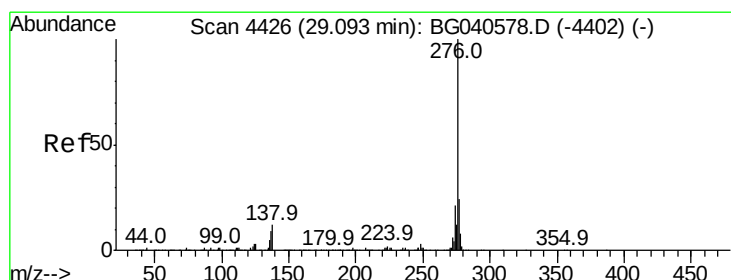
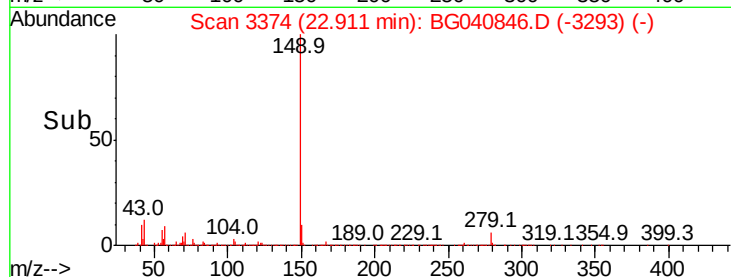
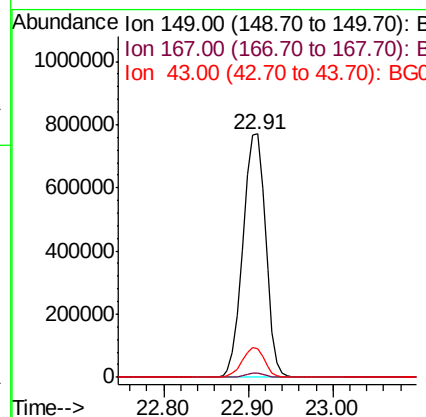
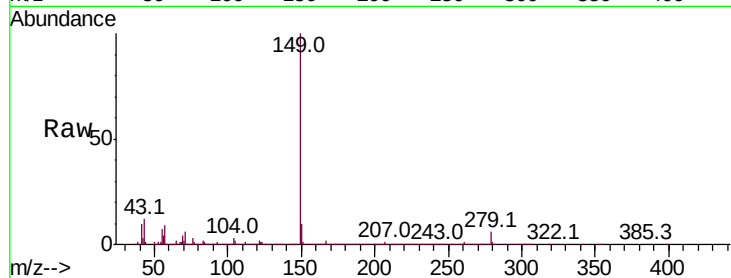
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	149	Resp:	1421319
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.7	10.2	15.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 62.759 ng

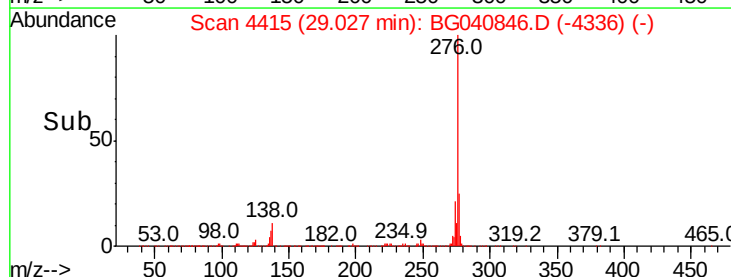
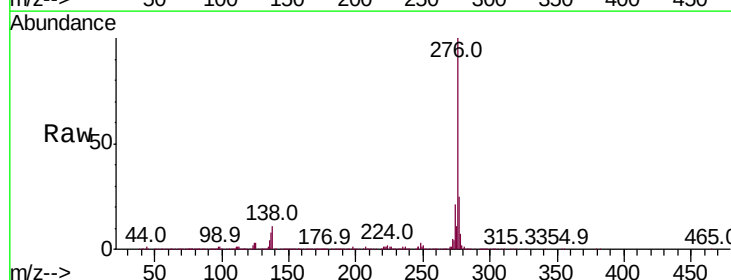
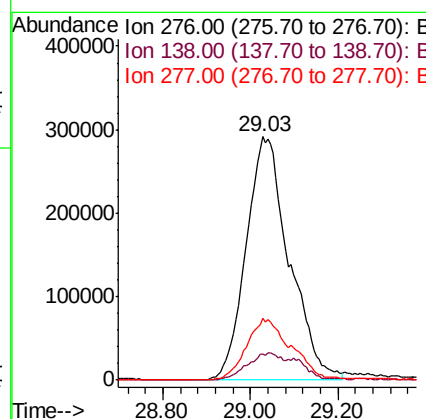
RT: 29.03 min Scan# 4415

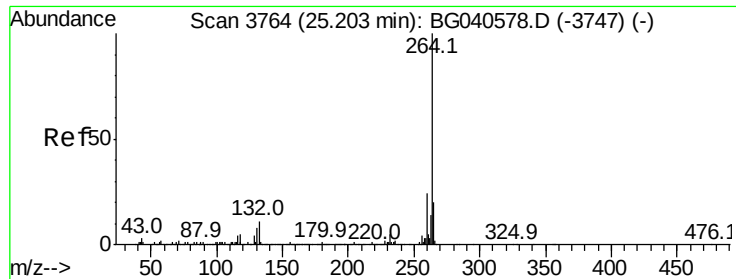
Delta R.T. -0.07 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	276	Resp:	1949501
Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.8	14.6#
277	26.6	17.3	25.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

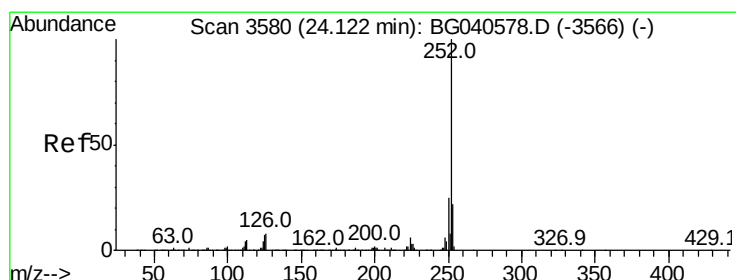
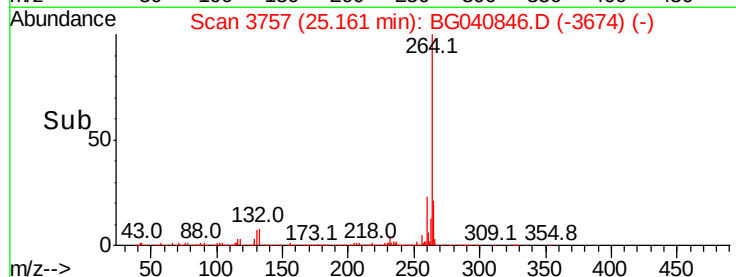
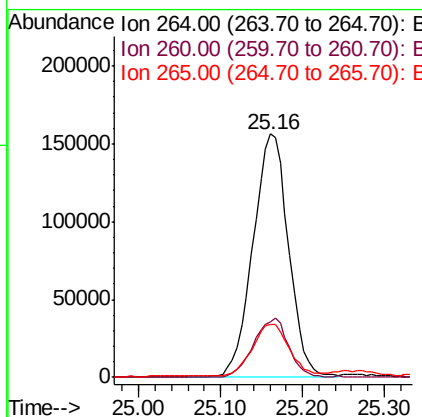
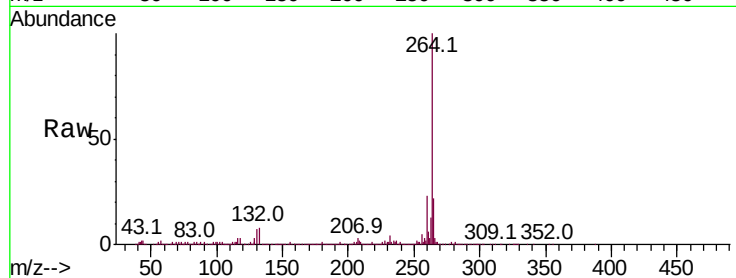
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	264	Resp:	469884
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	21.8	16.6	25.0

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#88

Benzo(b)fluoranthene

Concen: 63.245 ng

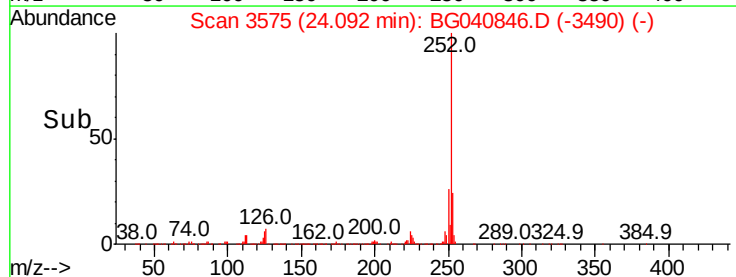
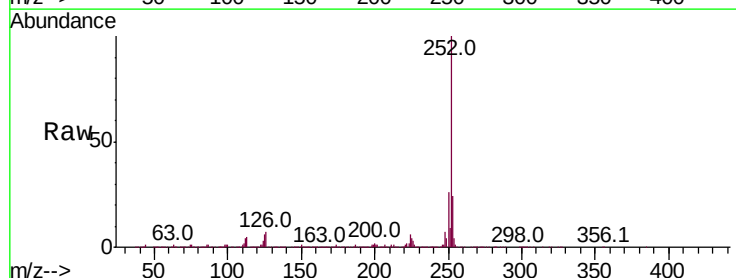
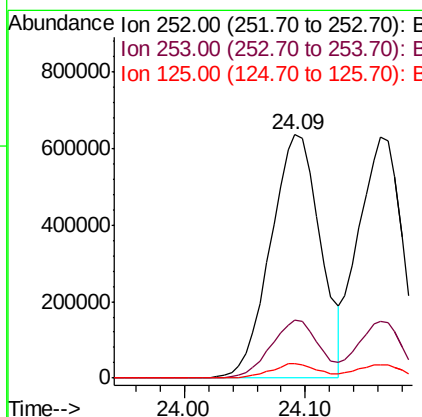
RT: 24.09 min Scan# 3575

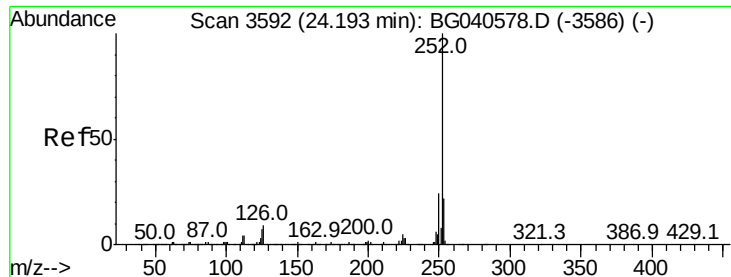
Delta R.T. -0.03 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:	252	Resp:	1816015
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	5.9	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 59.909 ng/mL

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:252 Resp: 1606526

Ion Ratio Lower Upper

252 100

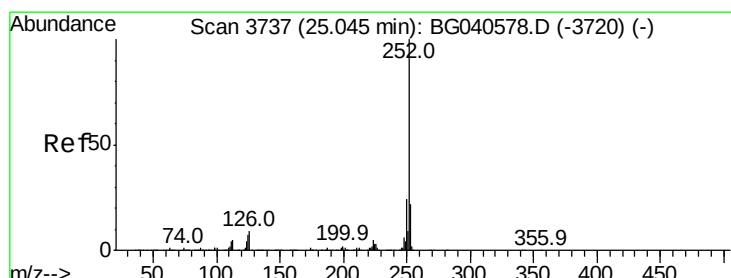
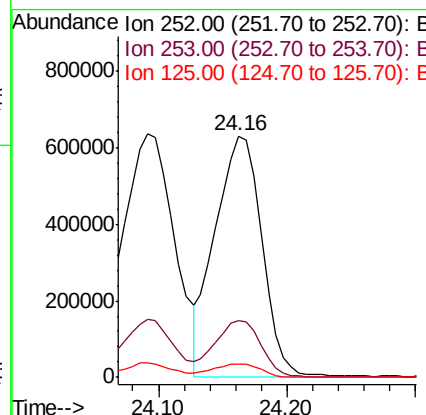
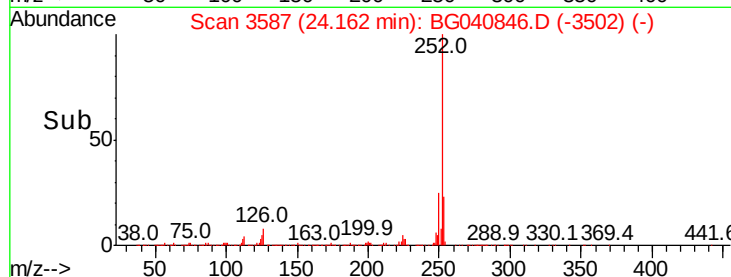
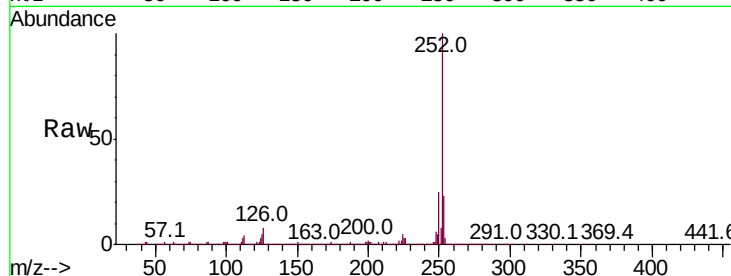
253 23.4 17.6 26.4

125 5.5 5.5 8.3#

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#90

Benzo(a)pyrene

Concen: 62.769 ng/mL

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

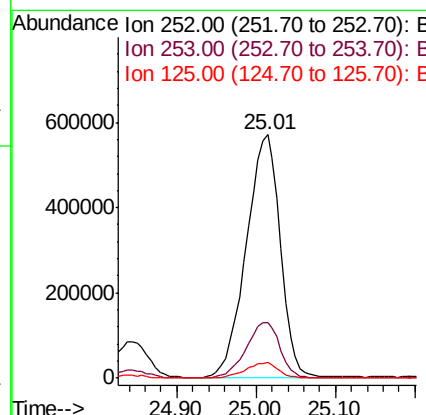
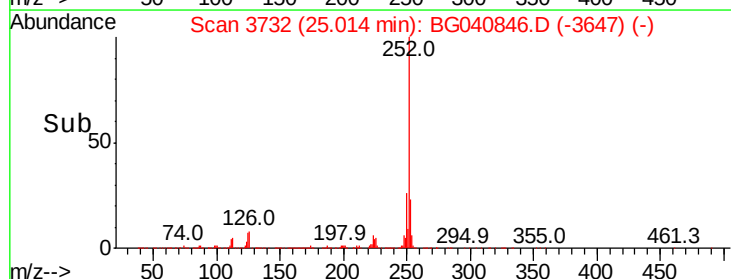
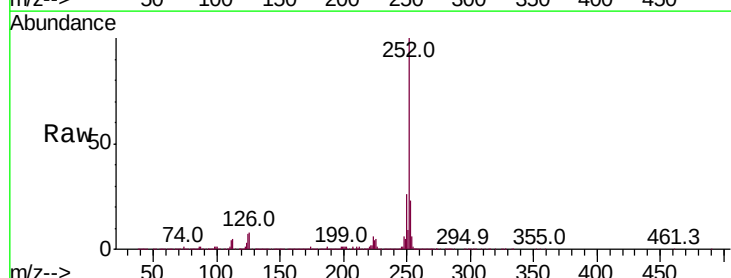
Tgt Ion:252 Resp: 1706071

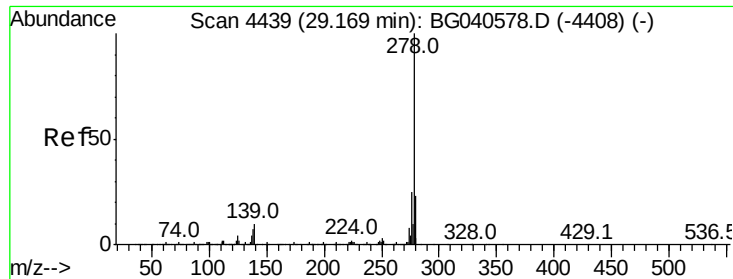
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 6.6 5.7 8.5





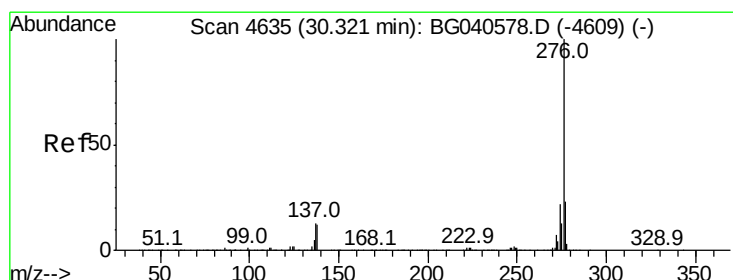
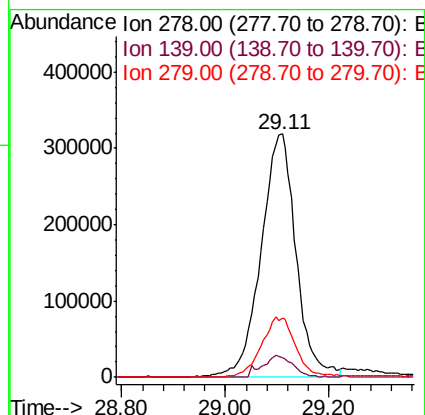
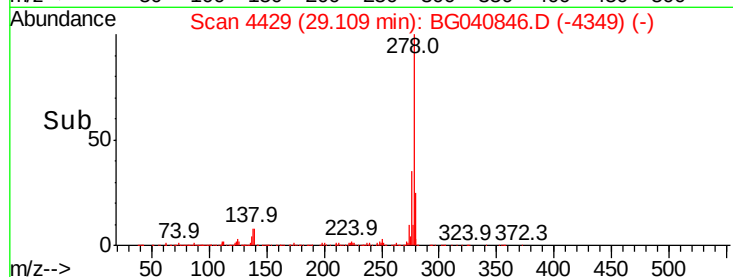
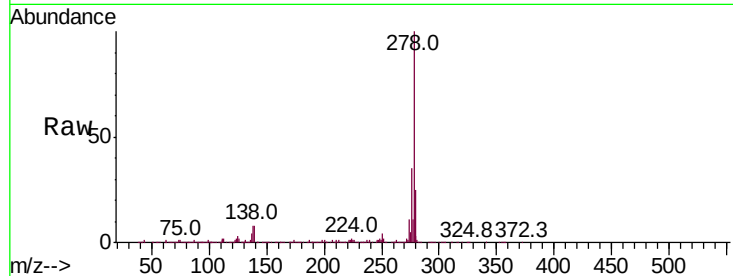
#91
 Dibenzo(a,h)anthracene
 Concen: 53.884 ng
 RT: 29.11 min Scan# 4429
 Delta R.T. -0.06 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01MS

Tot	Ion:278	Resp:	1482104
Ion	Ratio	Lower	Upper
278	100		
139	8.3	8.2	12.4
279	24.6	18.5	27.7

Manual Integrations
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#92
 Benzo(g,h,i)perylene
 Concen: 60.007 ng
 RT: 30.26 min Scan# 4624
 Delta R.T. -0.07 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt	Ion:276	Resp: 1642640	
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	11.7	9.8	14.6

