

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042884.D
 Acq On : 18 Sep 2019 1:45
 Operator : HP/JU
 Sample : K4871-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Manual Integrations
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Quant Time: Sep 18 03:09:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66627	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	270184	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	186839	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	399640	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	362483	20.00	ng	0.00
87) Perylene-d12	25.02	264	386384	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	246298	64.27	ng	0.02
7) Phenol-d6	7.30	99	247056	44.91	ng	0.03
23) Nitrobenzene-d5	9.27	82	501490	96.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	381151	153.33	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1132895	95.98	ng	-0.02
79) Terphenyl-d14	20.08	244	1604146	98.08	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	17101	9.778	ng	# 80
3) Pyridine	4.03	79	31730	6.025	ng	95
4) n-Nitrosodimethylamine	3.91	42	34165	13.333	ng	88
6) Aniline	7.44	93	109198	14.714	ng	96
8) 2-Chlorophenol	7.68	128	162416	39.207	ng	96
9) Benzaldehyde	7.25	77	82551	23.062	ng	95
10) Phenol	7.33	94	114780	20.347	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	180190	41.620	ng	99
12) 1,3-Dichlorobenzene	8.00	146	177755	35.181	ng	98
13) 1,4-Dichlorobenzene	8.14	146	183858	36.346	ng	98
14) 1,2-Dichlorobenzene	8.46	146	177505	36.863	ng	98
15) Benzyl Alcohol	8.36	79	109772	23.254	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	381232	40.099	ng	98
17) 2-Methylphenol	8.57	107	127299	33.731	ng	93
18) Hexachloroethane	9.19	117	65979	35.329	ng	95
19) n-Nitroso-di-n-propylamine	8.93	70	169605	41.844	ng	98
20) 3+4-Methylphenols	8.90	107	153645	29.534	ng	97
22) Acetophenone	8.94	105	303207	44.435	ng	97
24) Nitrobenzene	9.32	77	257033	47.186	ng	98
25) Isophorone	9.86	82	464171	42.910	ng	# 96
26) 2-Nitrophenol	10.02	139	114905	53.644	ng	# 93
27) 2,4-Dimethylphenol	10.10	122	177855	46.939	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	256963	42.596	ng	99
29) 2,4-Dichlorophenol	10.58	162	212268	48.209	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	217720	40.500	ng	99
31) Naphthalene	10.96	128	572859	42.943	ng	99
32) Benzoic acid	10.21	122	20450	11.808	ng	95
33) 4-Chloroaniline	11.07	127	90014	14.437	ng	95
34) Hexachlorobutadiene	11.25	225	145159	38.540	ng	97
35) Caprolactam	11.96	113	8655	5.286	ng	# 89
36) 4-Chloro-3-methylphenol	12.21	107	211133	44.163	ng	97
37) 2-Methylnaphthalene	12.56	142	449459	44.978	ng	97
38) 1-Methylnaphthalene	12.78	142	422419	45.071	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	303819	49.209	ng	99

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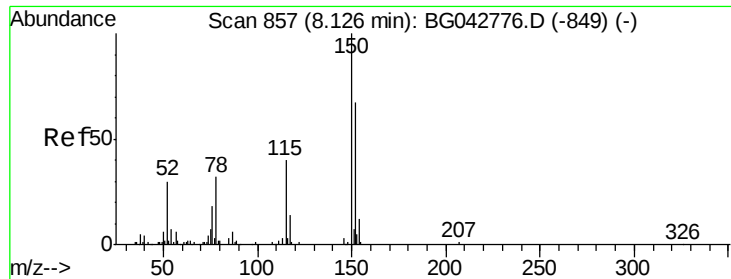
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Quant Time: Sep 18 03:09:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	399356	112.911	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	212281	51.645	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	219552	52.148	nq	95
46) 1,1'-Biphenyl	13.56	154	622073	47.560	nq	99
47) 2-Chloronaphthalene	13.61	162	490140	45.299	nq	99
48) 2-Nitroaniline	13.81	65	174153	46.398	nq	98
49) Acenaphthylene	14.45	152	768469	46.476	nq	98
50) Dimethylphthalate	14.19	163	697604	49.841	nq	99
51) 2,6-Dinitrotoluene	14.30	165	147393	51.321	nq	98
52) Acenaphthene	14.79	154	467499	43.278	nq	99
53) 3-Nitroaniline	14.64	138	53591	16.626	nq	96
54) 2,4-Dinitrophenol	14.84	184	177166	125.309	nq	# 72
55) Dibenzofuran	15.12	168	757595	47.184	nq	97
56) 4-Nitrophenol	14.97	139	84218	33.793	nq	90
57) 2,4-Dinitrotoluene	15.08	165	201430	52.619	nq	99
58) Fluorene	15.77	166	629045	47.272	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	218741m	53.596	nq	
60) Diethylphthalate	15.55	149	619290	43.589	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	371011	47.155	nq	99
62) 4-Nitroaniline	15.80	138	114436	32.937	nq	87
63) Azobenzene	16.06	77	602398	44.030	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	133640	78.152	nq	92
66) n-Nitrosodiphenylamine	15.98	169	565055	52.544	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	241813	49.991	nq	96
68) Hexachlorobenzene	16.77	284	253713	49.087	nq	98
69) Atrazine	16.95	200	184662	49.310	nq	99
70) Pentachlorophenol	17.13	266	349144	113.870	nq	94
71) Phenanthrene	17.51	178	935051	48.924	nq	100
72) Anthracene	17.60	178	953011	49.911	nq	99
73) Carbazole	17.88	167	857482	47.249	nq	97
74) Di-n-butylphthalate	18.44	149	951376	43.762	nq	99
75) Fluoranthene	19.52	202	1120841	45.250	nq	98
78) Pyrene	19.88	202	1132104	49.886	nq	98
80) Butylbenzylphthalate	20.78	149	406737	44.285	nq	99
81) Benzo(a)anthracene	21.73	228	1067947	46.337	nq	99
83) Chrysene	21.80	228	1032739	47.306	nq	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	549048	43.751	nq	97
85) Di-n-octyl phthalate	22.88	149	893684	41.774	nq	98
86) Indeno(1,2,3-cd)pyrene	28.76	276	1219704	45.116	nq	# 90
88) Benzo(b)fluoranthene	23.99	252	1066689	47.016	nq	# 97
89) Benzo(k)fluoranthene	24.05	252	1018979	47.546	nq	99
90) Benzo(a)pyrene	24.88	252	1011908	47.633	nq	# 98
91) Dibenzo(a,h)anthracene	28.82	278	1026568	49.132	nq	# 97
92) Benzo(g,h,i)perylene	29.93	276	1004493	49.287	nq	# 95

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



#1

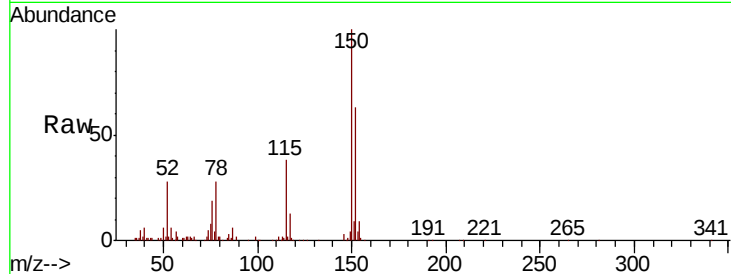
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	118.9	178.3
115	59.9	47.4	71.2

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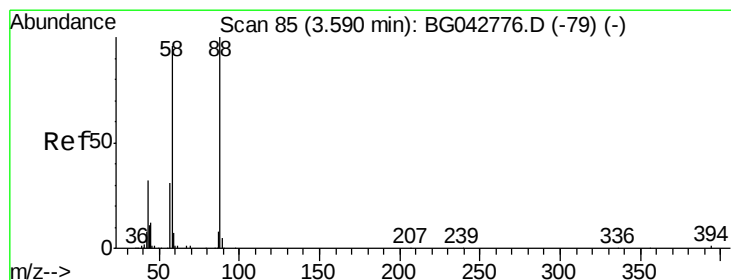
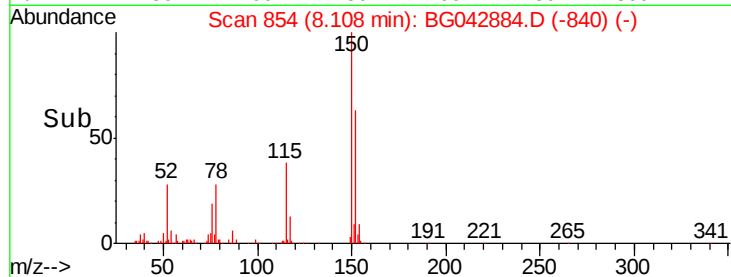
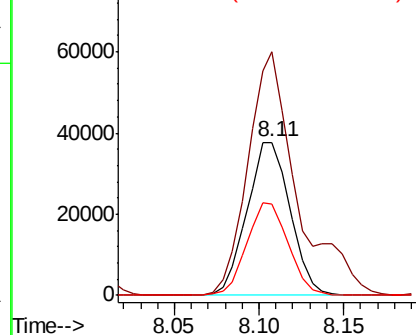


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

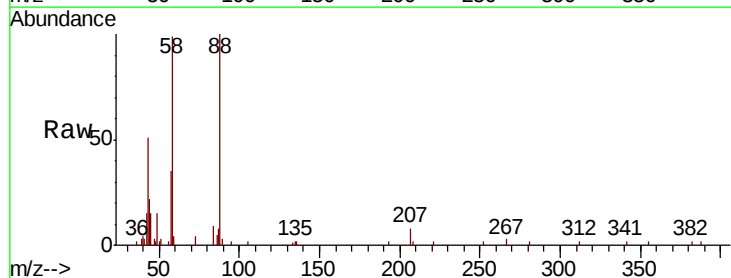
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 9.778 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	79.1	118.7
43	0.0	30.4	45.6#

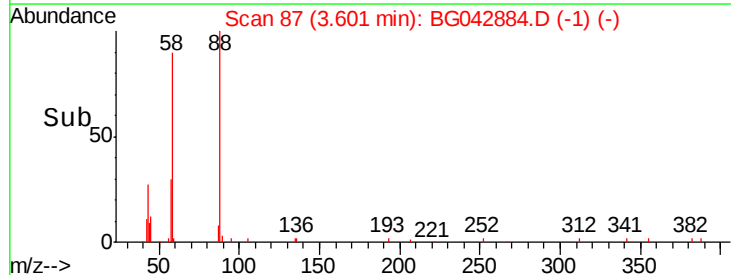
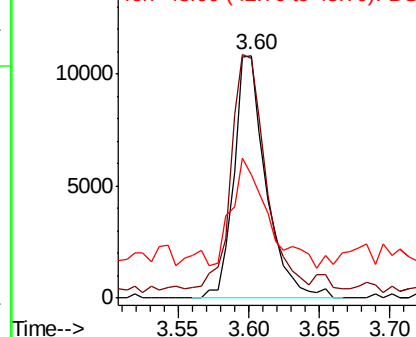


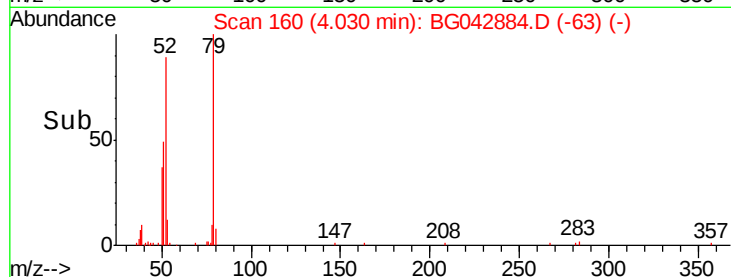
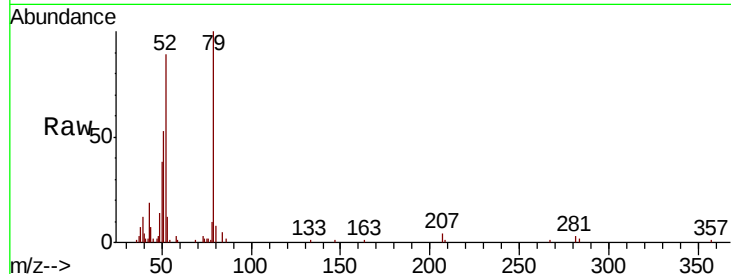
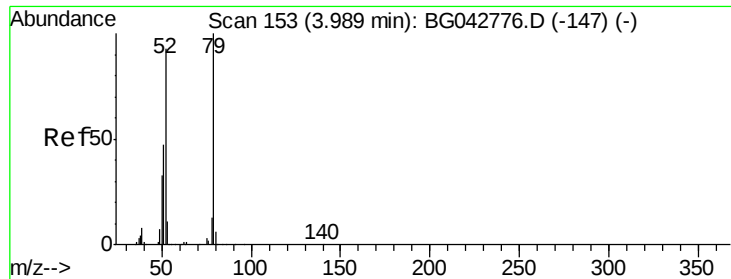
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





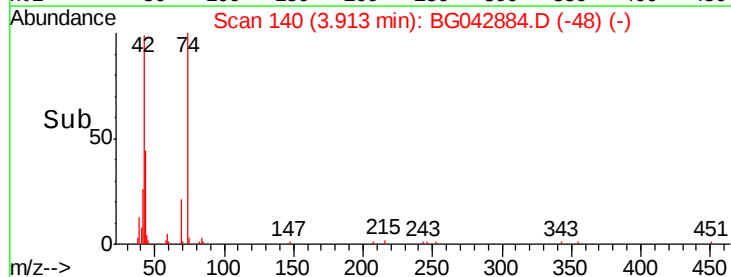
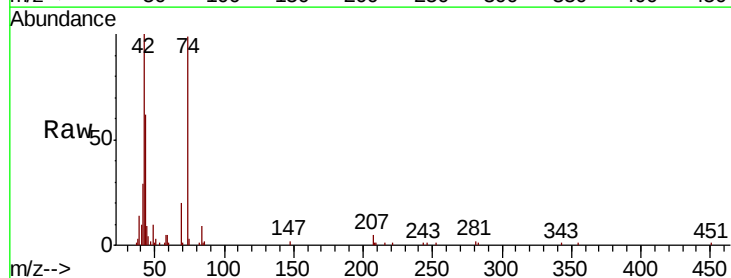
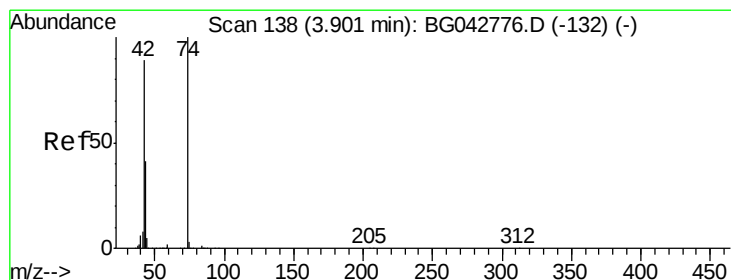
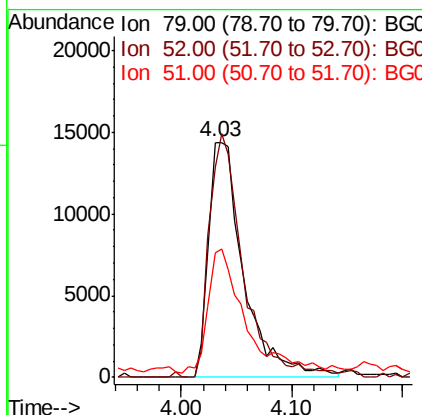
#3
 Pvridine
 Concen: 6.025 ng
 RT: 4.03 min Scan# 160
 Delta R.T. 0.04 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.4	74.0	111.0
51	52.9	37.5	56.3

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

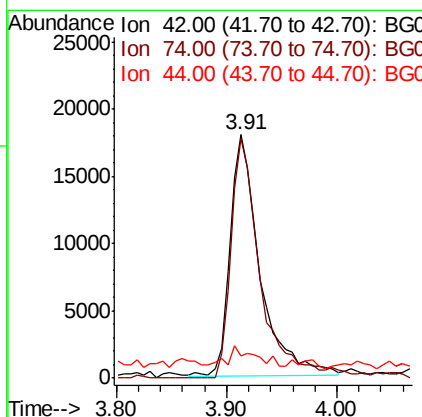
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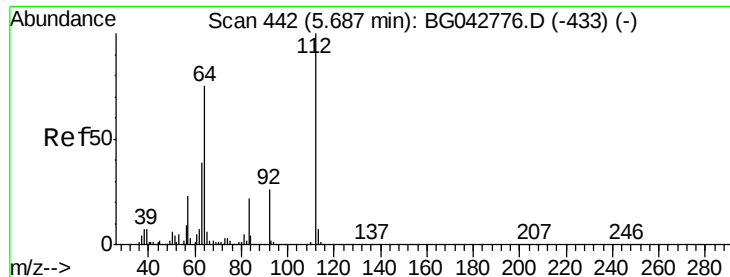
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#4
 n-Nitrosodimethylamine
 Concen: 13.333 ng
 RT: 3.91 min Scan# 140
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.6	90.2	135.2
44	9.2	6.6	9.8





#5

2-Fluorophenol

Concen: 64.268 ng

RT: 5.70 min Scan# 445

Delta R.T. 0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

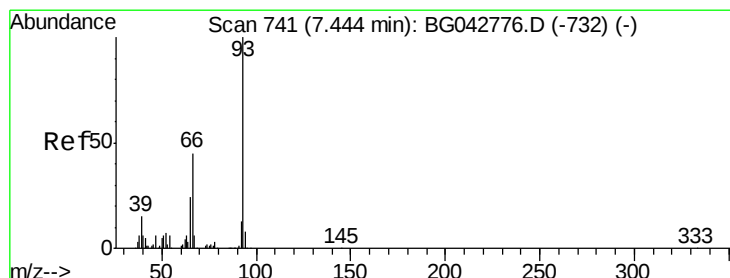
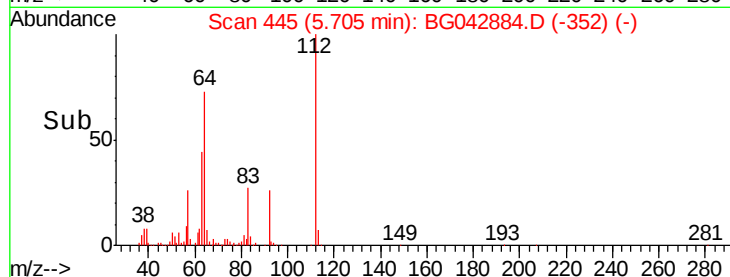
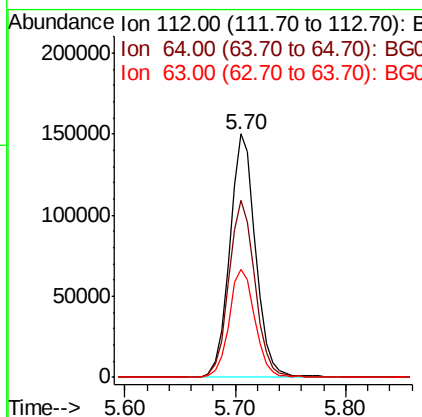
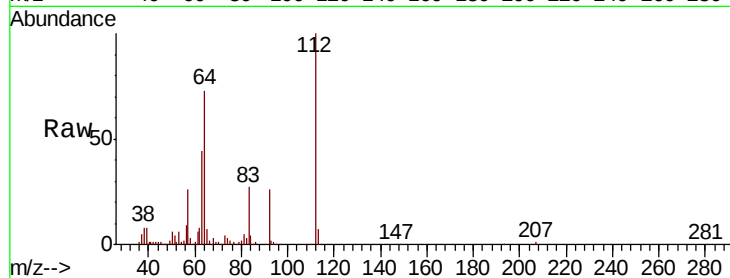
ClientSampleId :

VE-4-11MSD

Tot Ion:	112	Resp:	246298
Ion Ratio	Lower	Upper	
112	100		
64	72.5	60.2	90.2
63	44.3	31.2	46.8

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#6

Aniline

Concen: 14.714 ng

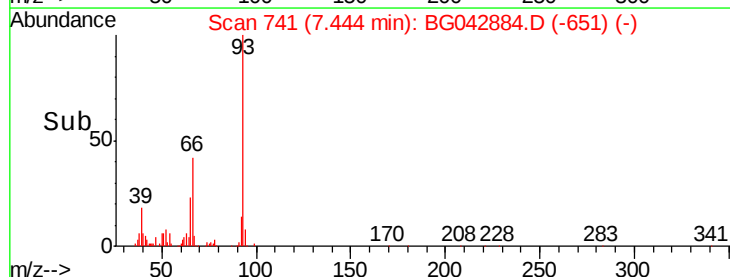
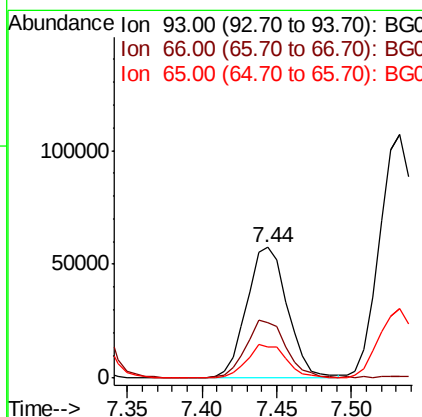
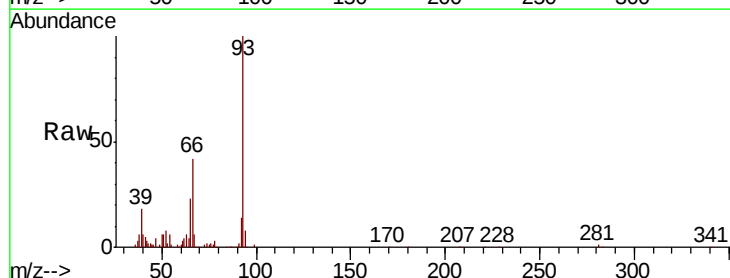
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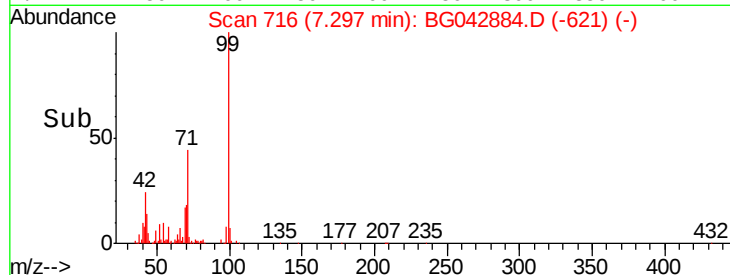
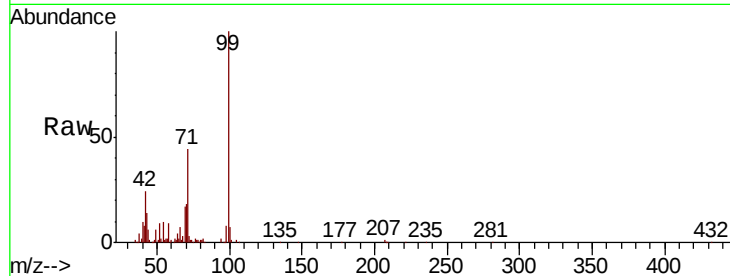
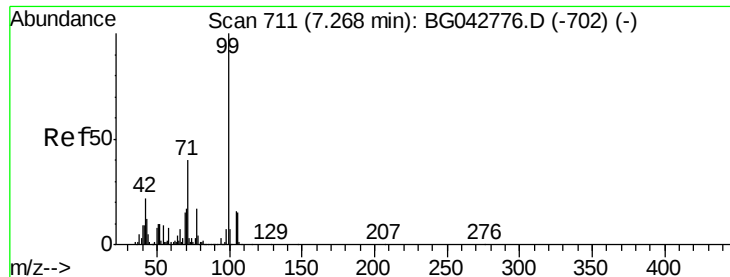
Delta R.T. -0.00 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion:	93	Resp:	109198
Ion Ratio	Lower	Upper	
93	100		
66	42.0	36.3	54.5
65	23.4	19.3	28.9





#7

Phenol-d6

Concen: 44.914 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	99	100	247056		
42	42	23.7		17.5	26.3
71	71	43.9		32.0	48.0

Instrument :

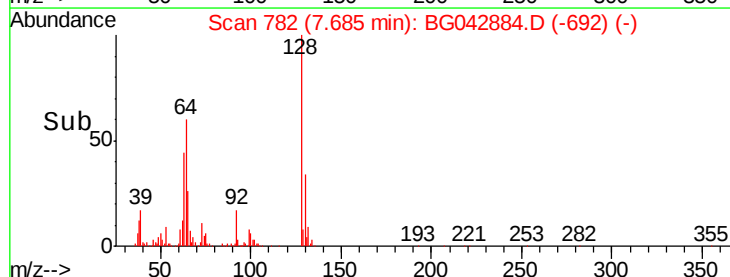
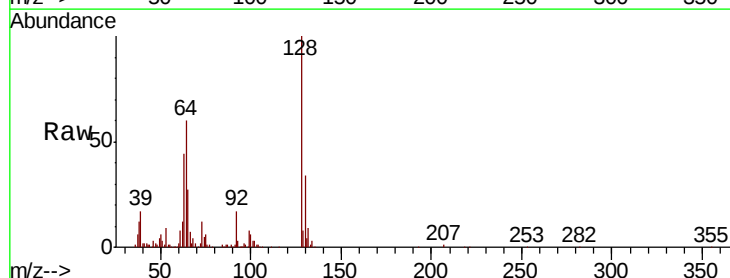
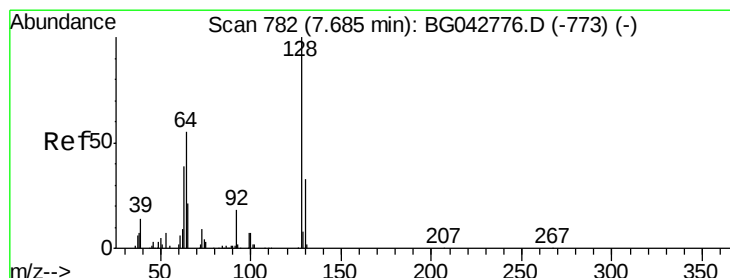
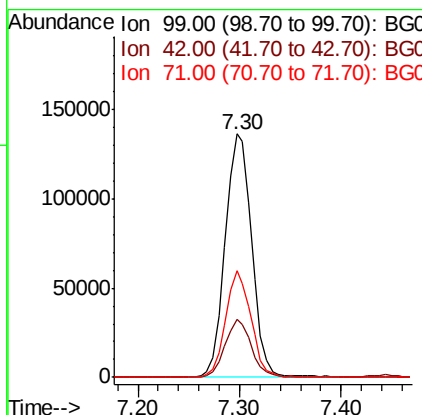
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#8

2-Chlorophenol

Concen: 39.207 ng

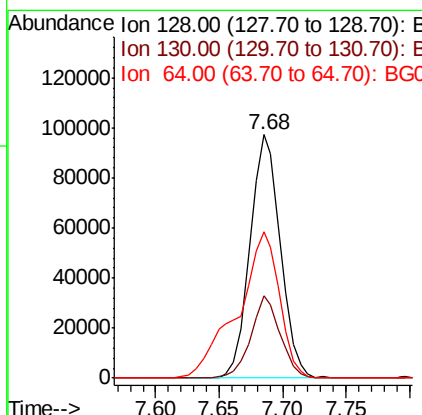
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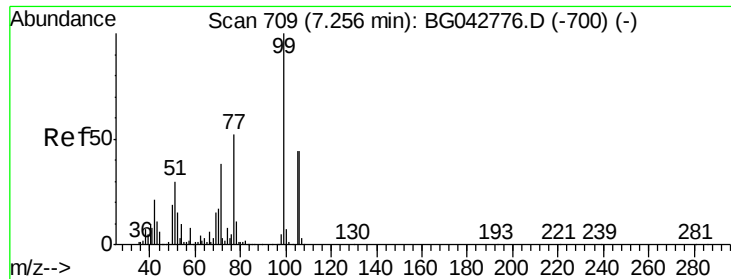
Delta R.T. -0.00 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	128	100	162416		
130	130	33.8		12.8	52.8
64	64	60.1		36.8	76.8





#9

Benzaldehyde

Concen: 23.062 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

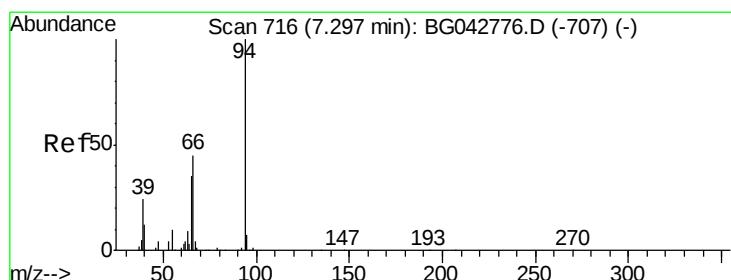
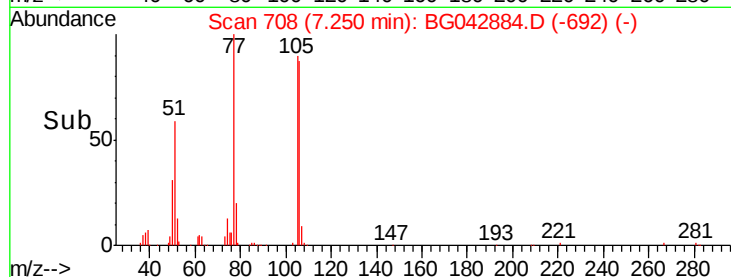
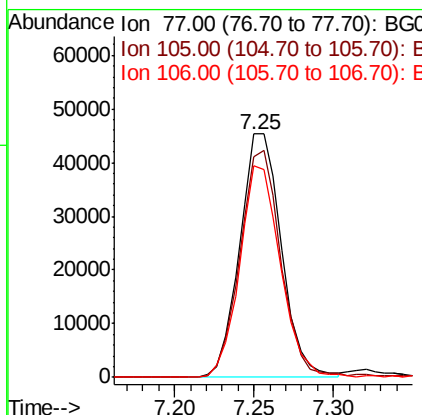
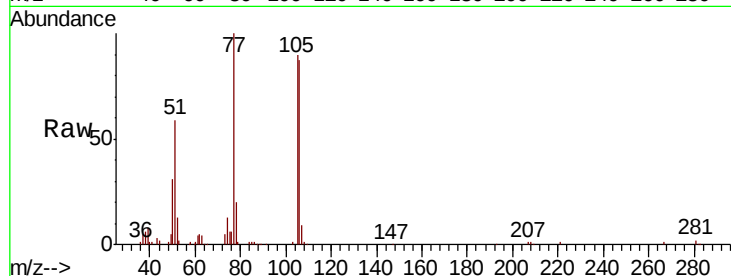
ClientSampleId :

VE-4-11MSD

Tot Ion:	77	Resp:	82551
Ion	Ratio	Lower	Upper
77	100		
105	90.3	64.5	104.5
106	86.8	63.4	103.4

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#10

Phenol

Concen: 20.347 ng

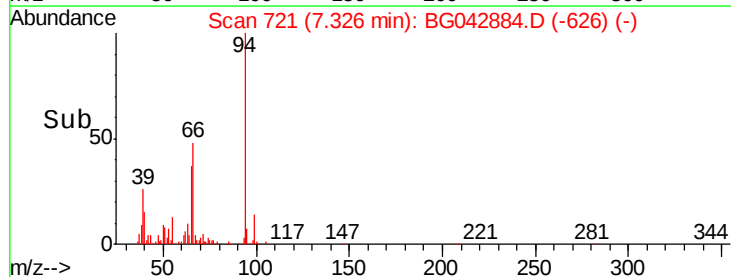
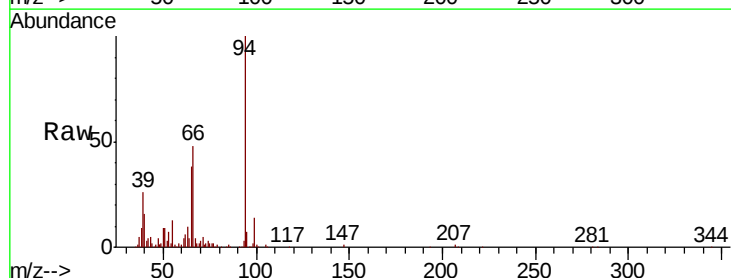
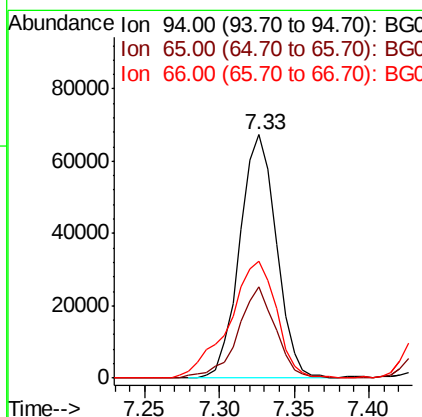
RT: 7.33 min Scan# 721

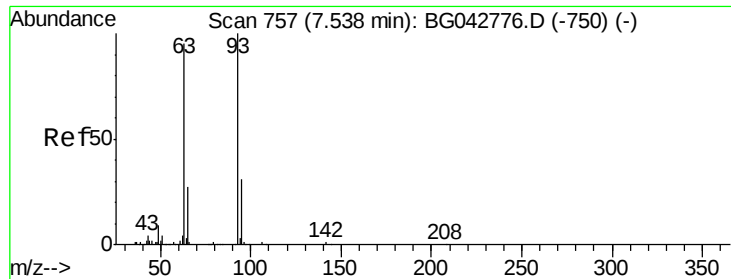
Delta R.T. 0.03 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion:	94	Resp:	114780
Ion	Ratio	Lower	Upper
94	100		
65	37.6	15.0	55.0
66	48.1	26.1	66.1





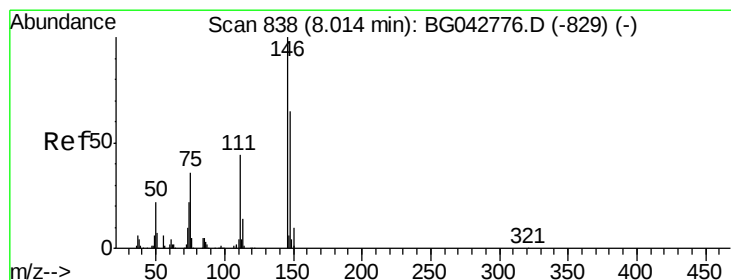
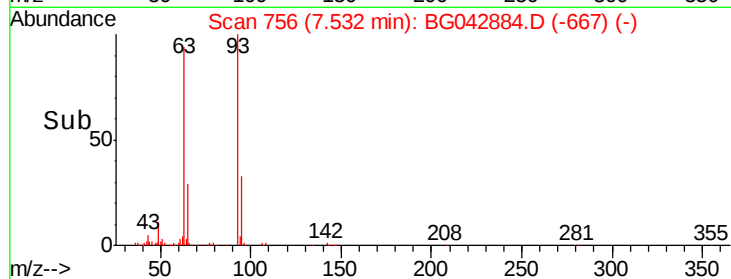
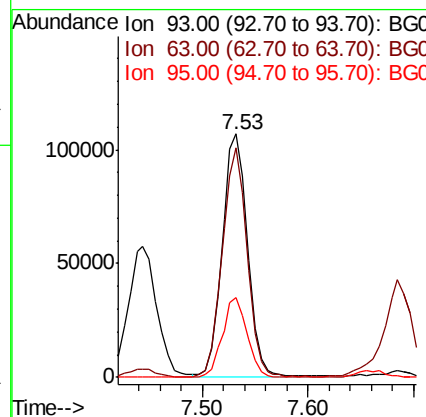
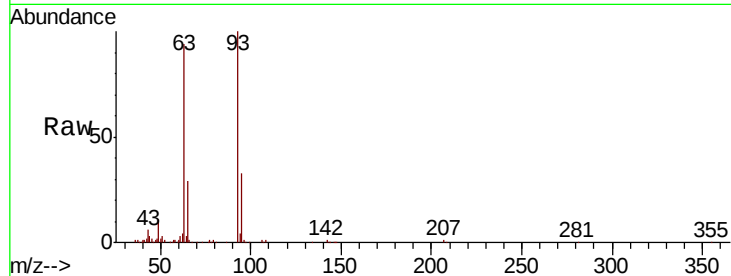
#11
bis(2-Chloroethyl)ether
Concen: 41.620 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampled :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	180190		
63	94.4		74.7	114.7
95	32.7		11.1	51.1

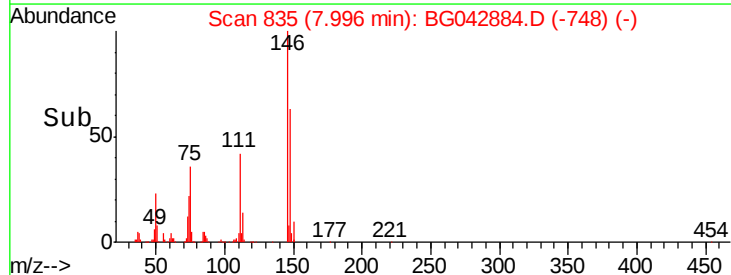
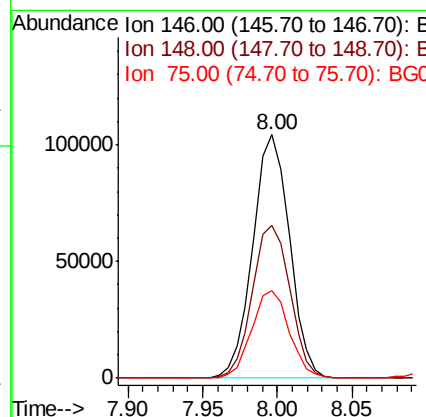
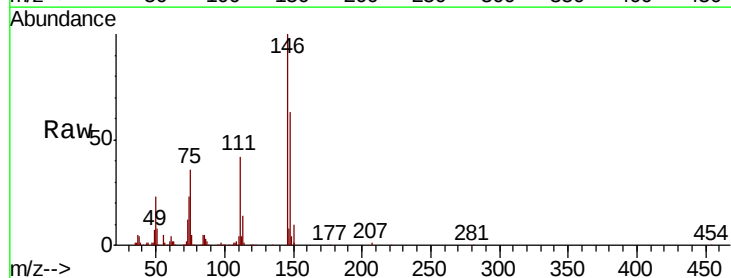
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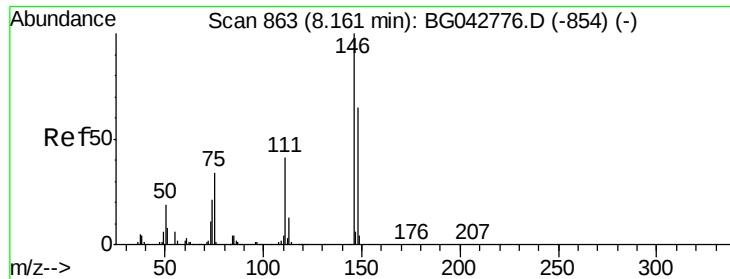
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.181 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	177755		
148	62.9		51.9	77.9
75	36.0		28.4	42.6





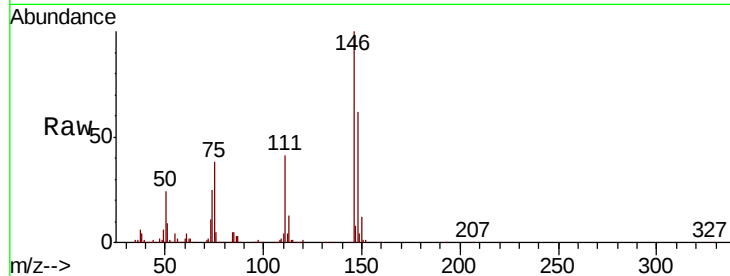
#13
 1,4-Dichlorobenzene
 Concen: 36.346 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampled :
 VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.4
111	40.8	32.6	49.0

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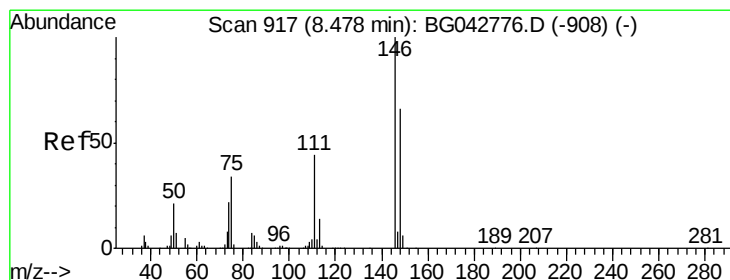
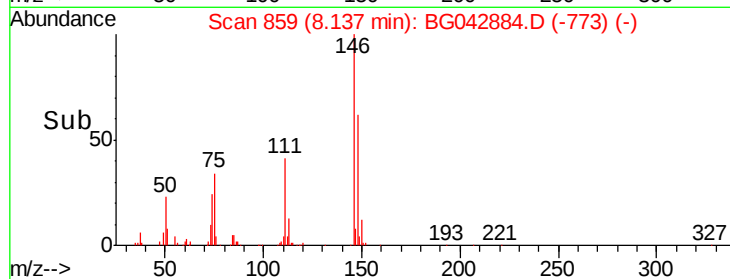
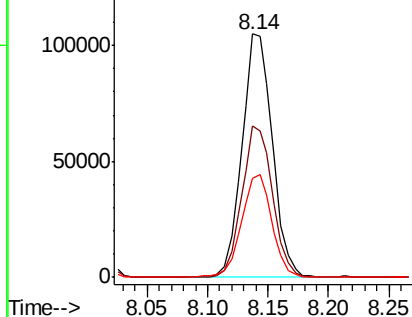


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.863 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

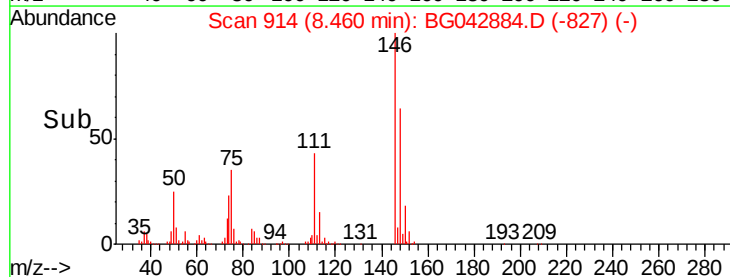
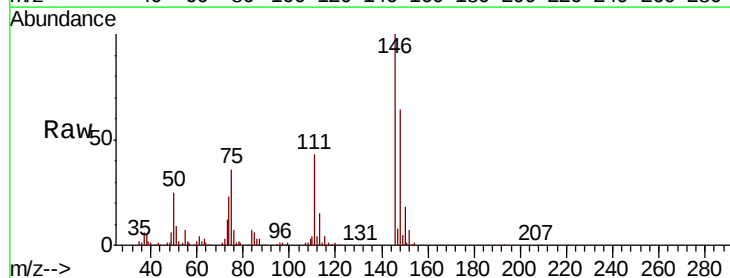
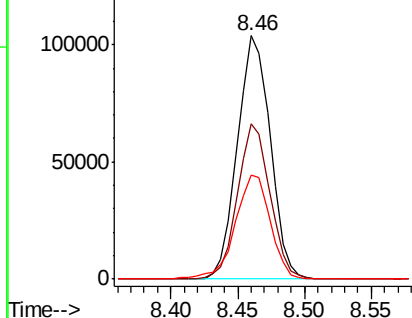
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	78.8
111	42.9	35.3	52.9

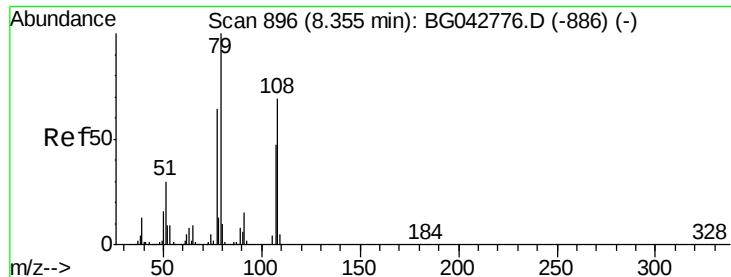
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.254 ng

RT: 8.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

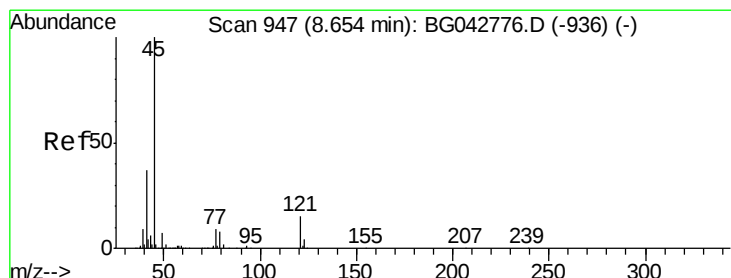
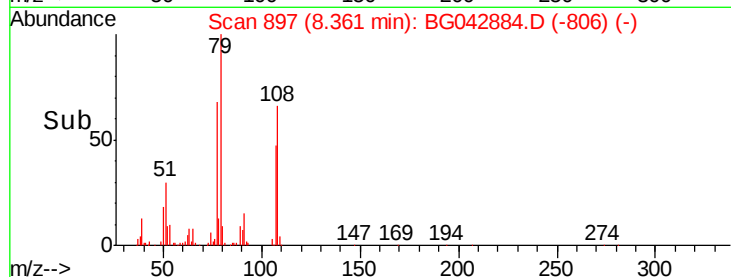
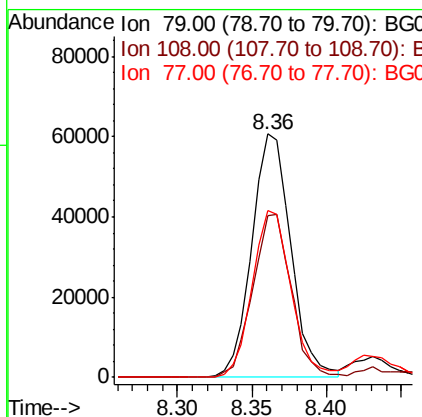
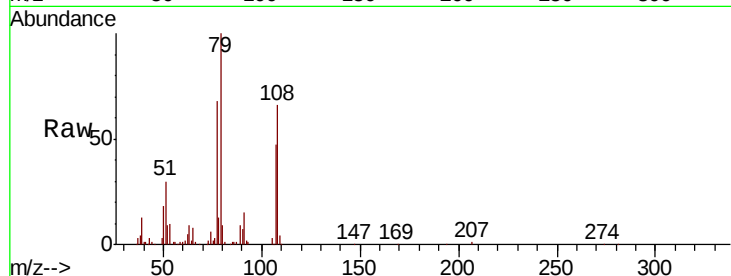
ClientSampleId :

VE-4-11MSD

Tot Ion:	79	Resp:	109772
Ion Ratio	Lower	Upper	
79	100		
108	66.2	54.9	82.3
77	68.3	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.099 ng

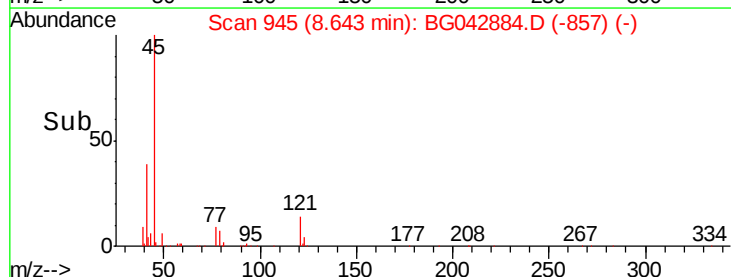
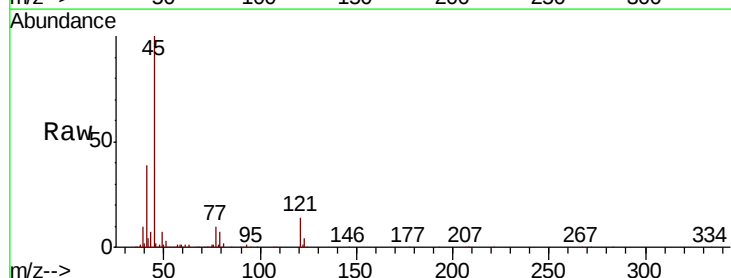
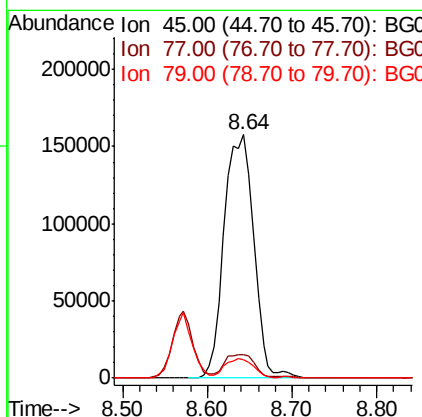
RT: 8.64 min Scan# 945

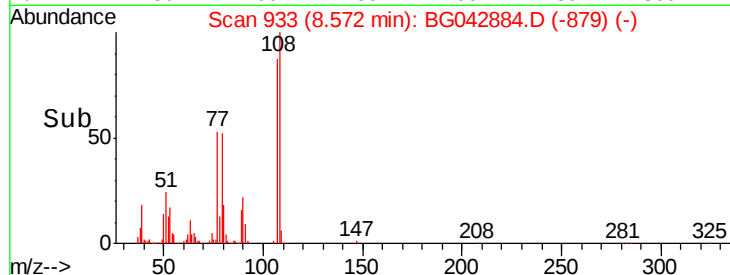
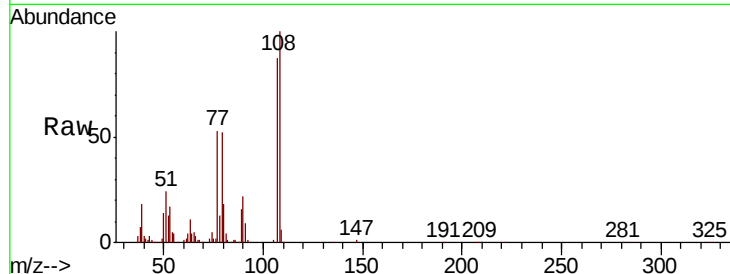
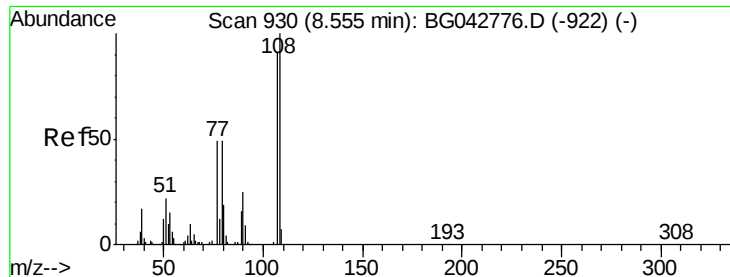
Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion:	45	Resp:	381232
Ion Ratio	Lower	Upper	
45	100		
77	9.8	0.0	29.4
79	7.5	0.0	28.4





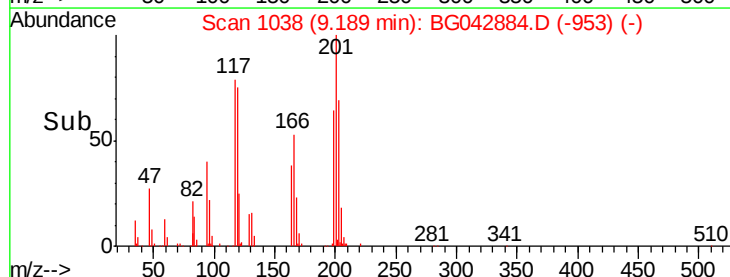
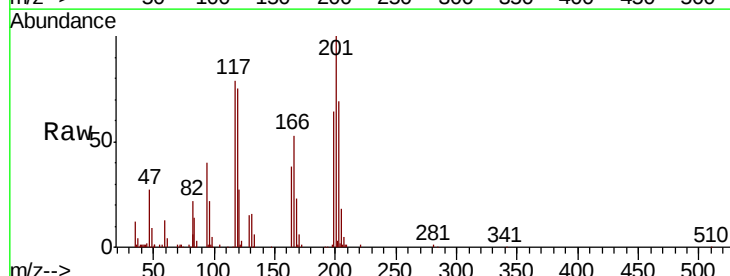
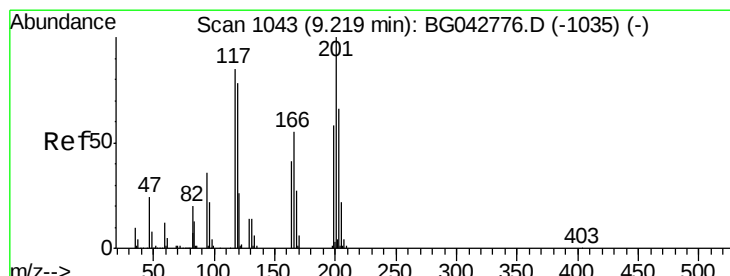
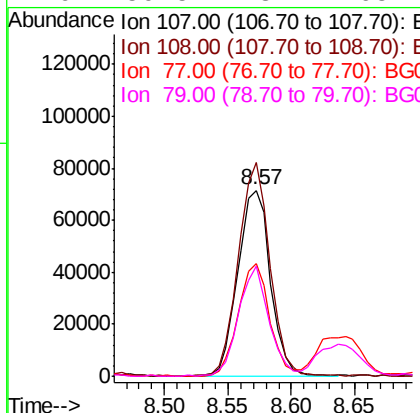
#17
2-Methylphenol
Concen: 33.731 ng
RT: 8.57 min Scan# 933
Delta R.T. 0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	87.7	131.5	
77	61.0	42.6	64.0	
79	59.5	43.4	65.2	

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

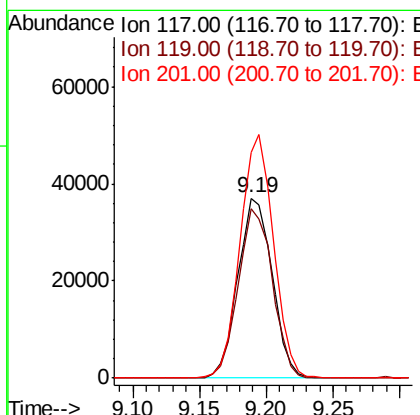
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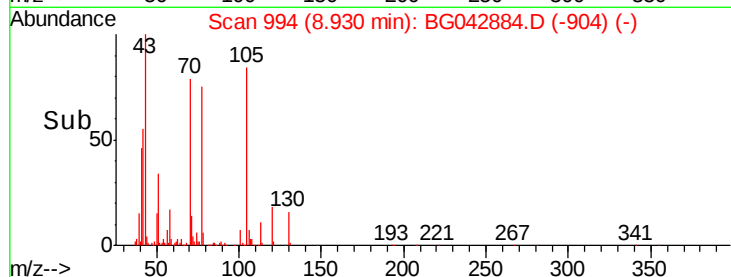
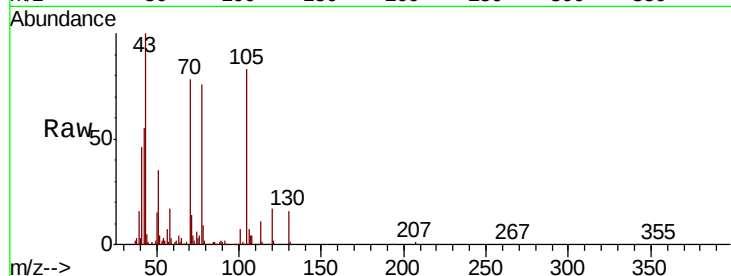
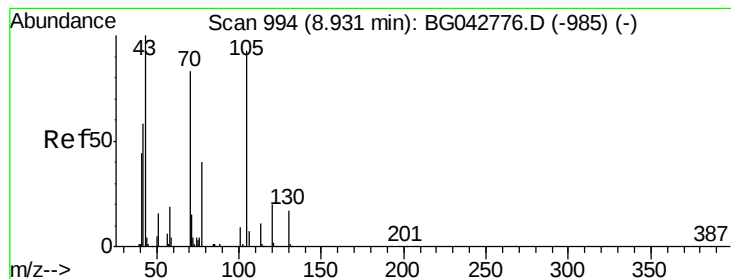
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#18
Hexachloroethane
Concen: 35.329 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	73.8	110.8	
201	126.0	94.6	142.0	





#19

n-Nitroso-di-n-propylamine

Concen: 41.844 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	70.1		57.0	85.6	
101	8.7		8.4	12.6	
130	20.3		16.1	24.1	

Instrument :

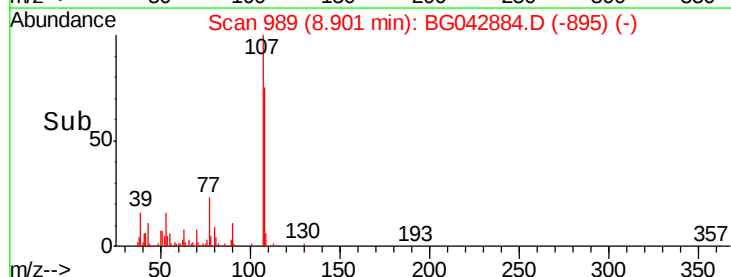
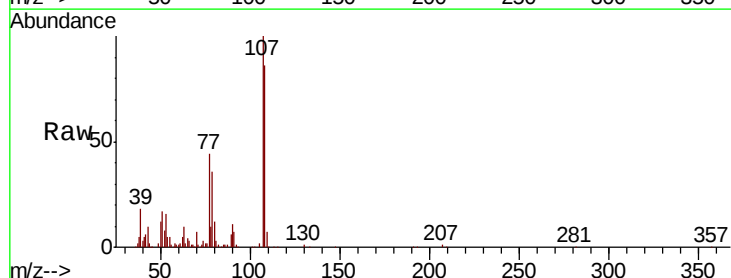
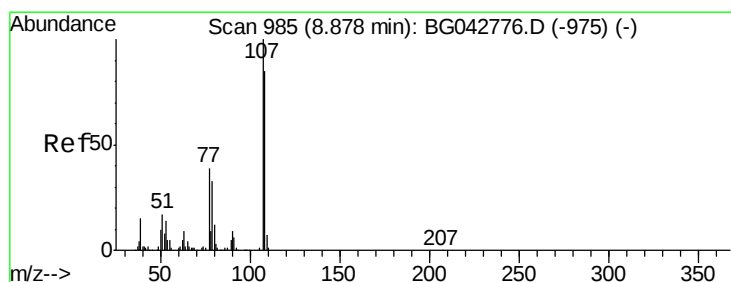
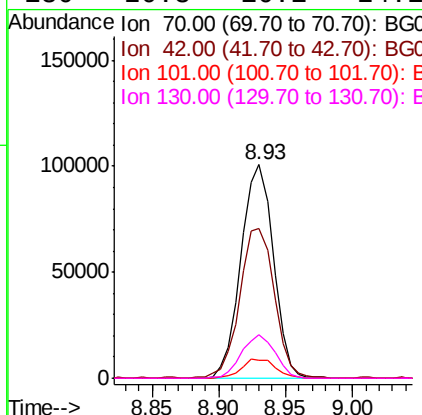
BNA_G

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 29.534 ng

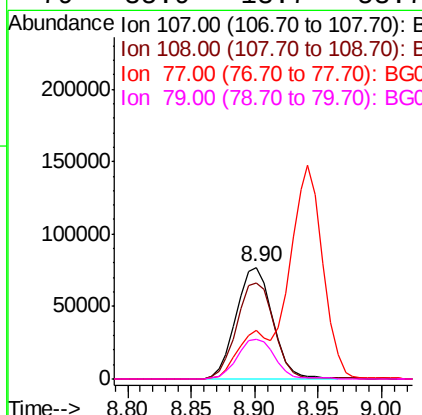
RT: 8.90 min Scan# 989

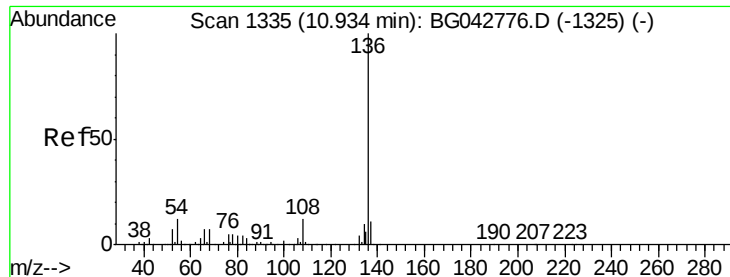
Delta R.T. 0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.7		65.4	105.4	
77	44.0		18.7	58.7	
79	35.9		13.7	53.7	





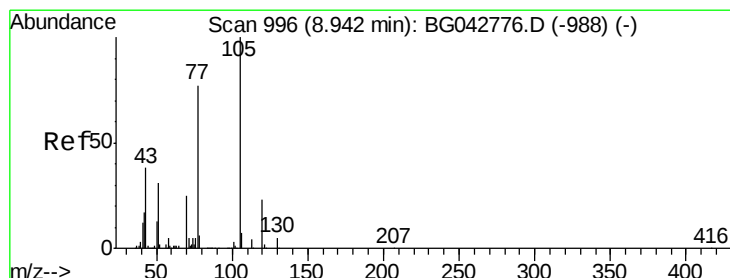
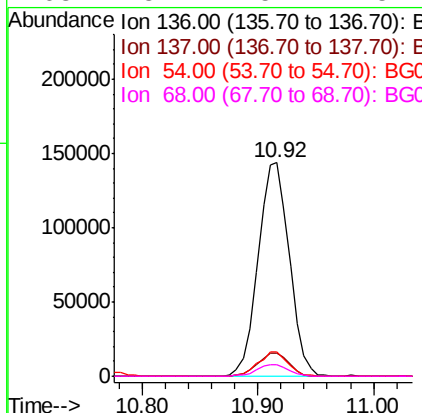
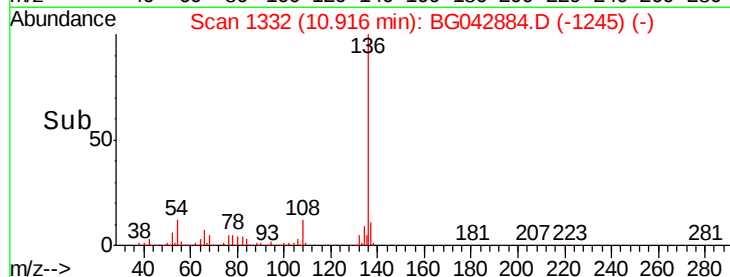
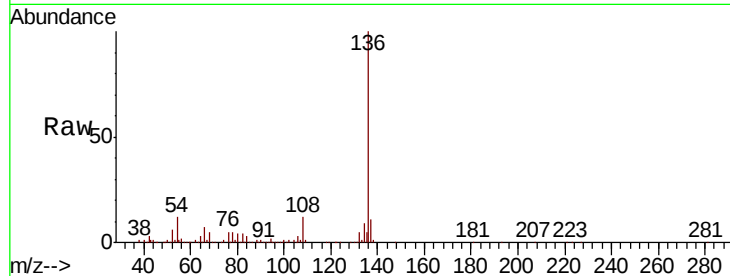
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		270184		
137	10.9	9.0	13.6		
54	11.7	9.4	14.0		
68	5.2	5.4	8.2#		

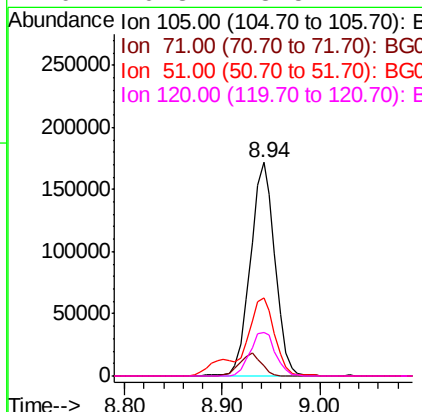
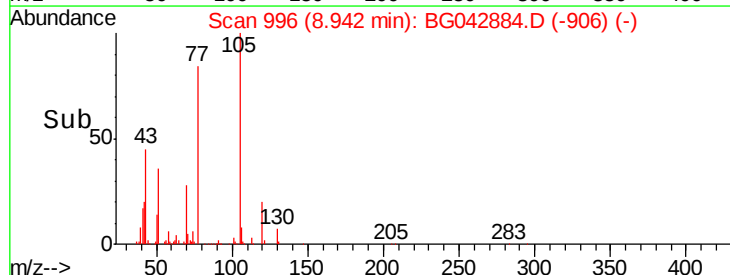
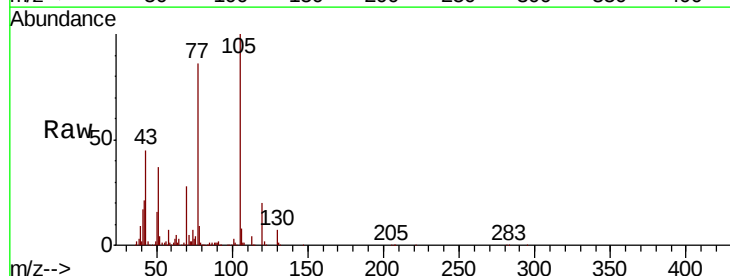
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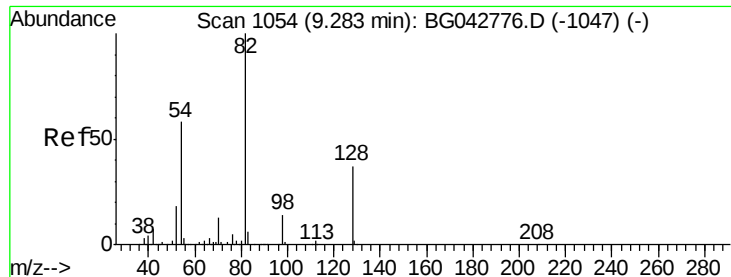
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#22
Acetophenone
Concen: 44.435 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		303207		
71	4.8	3.7	5.5		
51	36.5	28.8	43.2		
120	20.3	18.5	27.7		





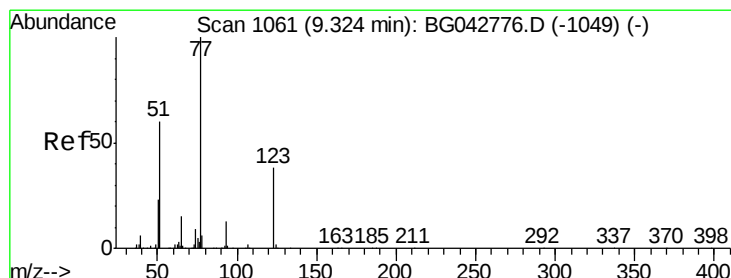
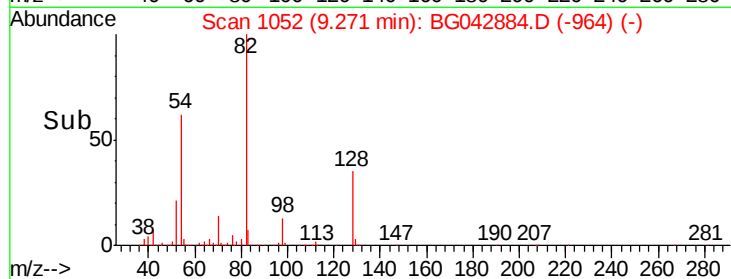
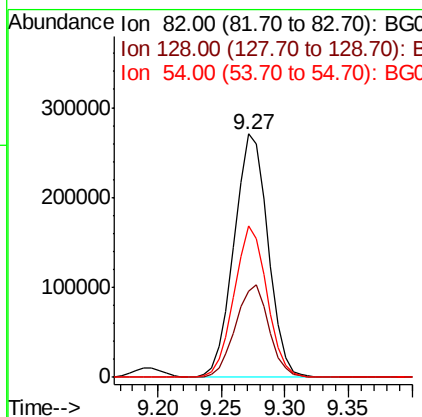
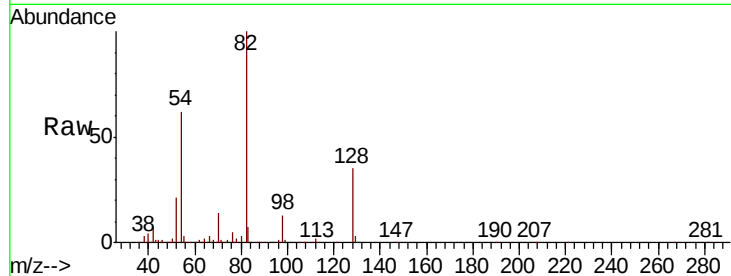
#23
 Nitrobenzene-d5
 Concen: 96.633 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.8	44.8
54	62.3	46.1	69.1

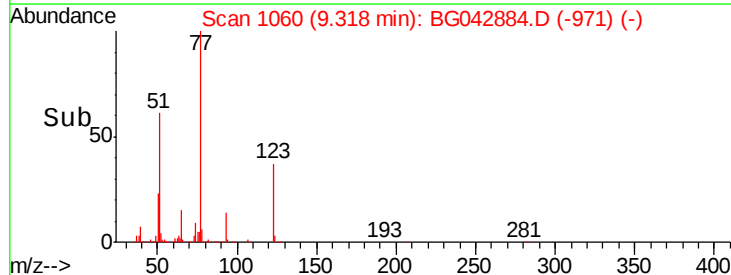
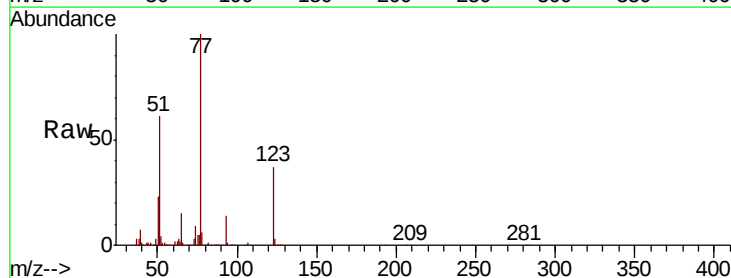
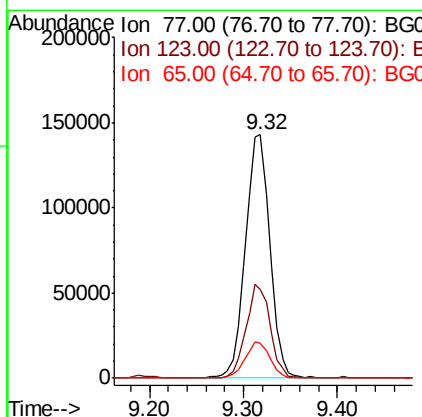
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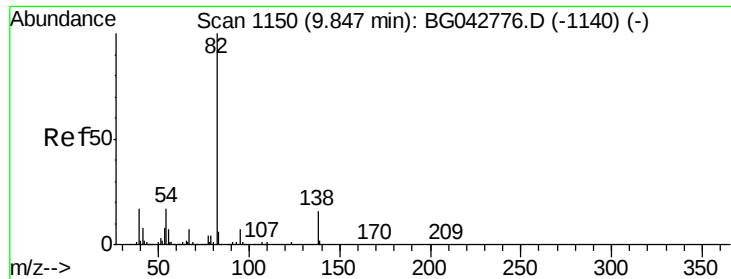
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#24
 Nitrobenzene
 Concen: 47.186 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	30.7	46.1
65	14.6	12.2	18.4





#25

Isophorone

Concen: 42.910 ng

RT: 9.86 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

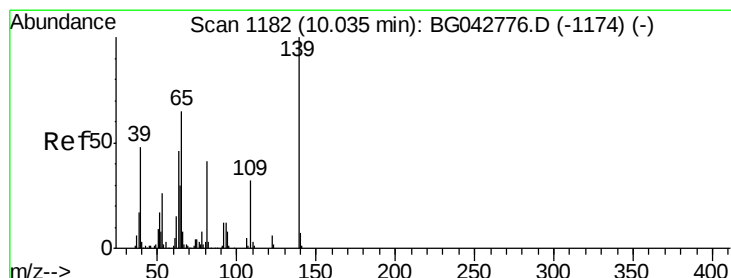
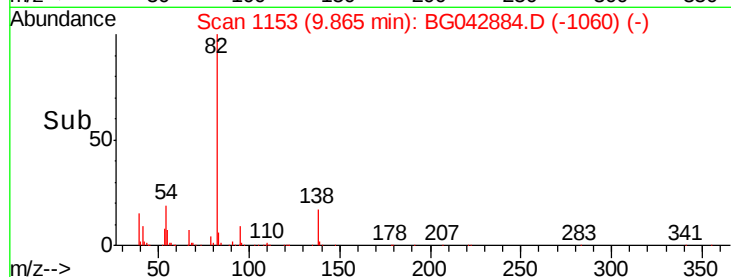
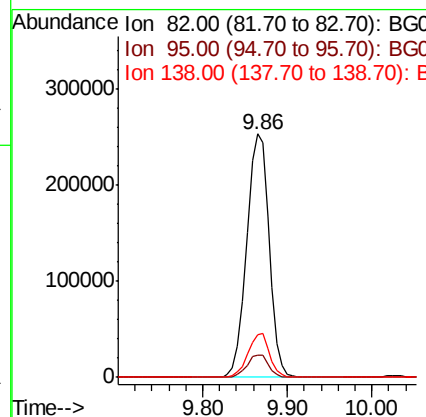
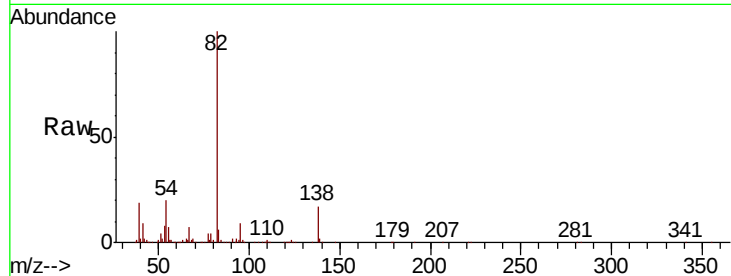
ClientSampleId :

VE-4-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
95	9.2	5.8	8.8#		
138	17.3	12.9	19.3		

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#26

2-Nitrophenol

Concen: 53.644 ng

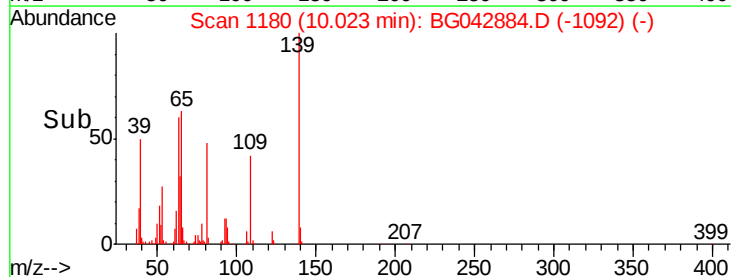
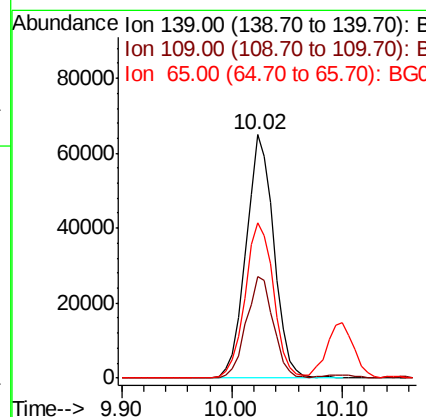
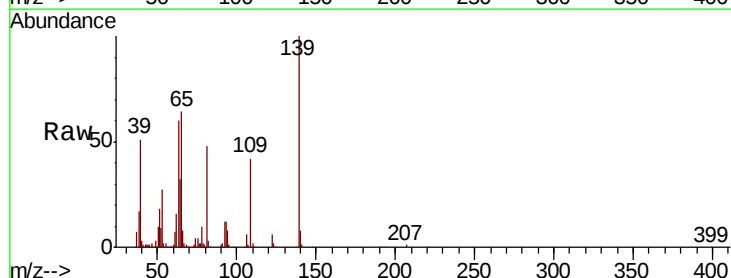
RT: 10.02 min Scan# 1180

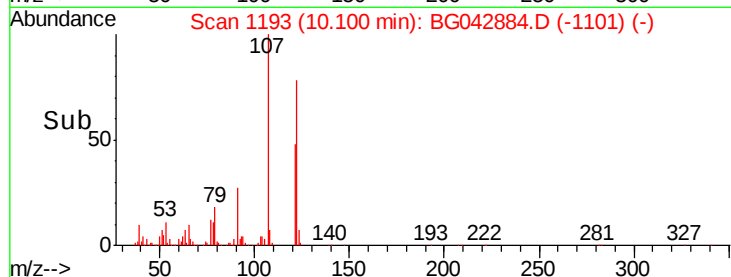
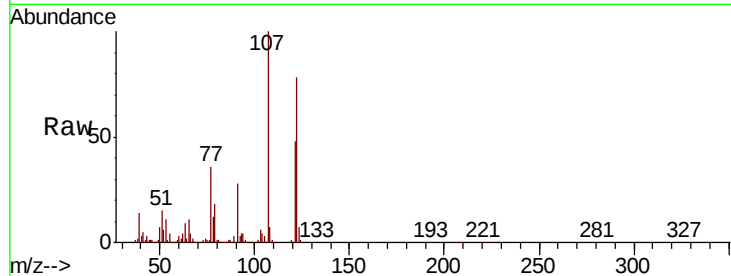
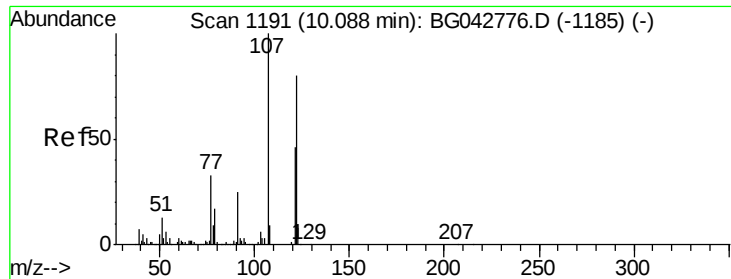
Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	41.6	25.8	38.8#		
65	63.7	52.2	78.2		





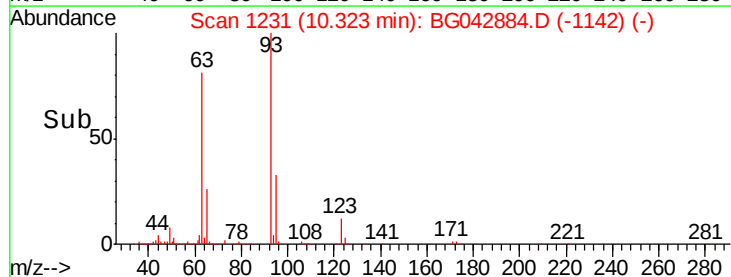
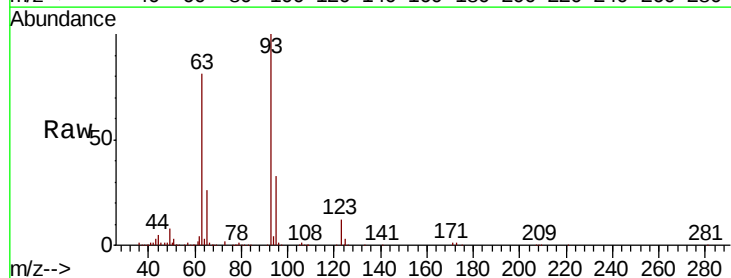
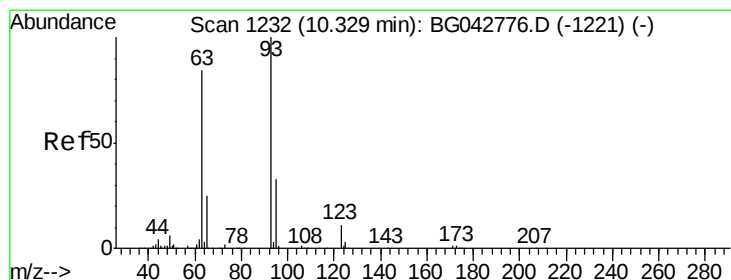
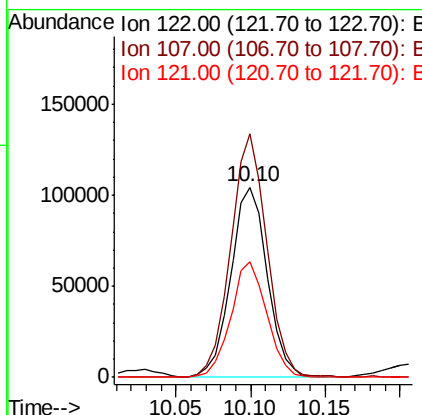
#27
2,4-Dimethylphenol
Concen: 46.939 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tot Ion	Ratio	Resp	Lower	Upper
122	100	177855		
107	128.0	98.9	148.3	
121	61.1	46.2	69.2	

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

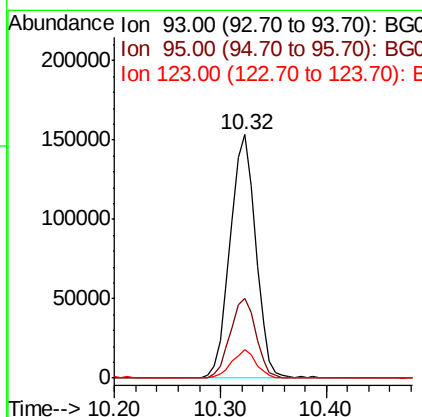
Manual Integrations
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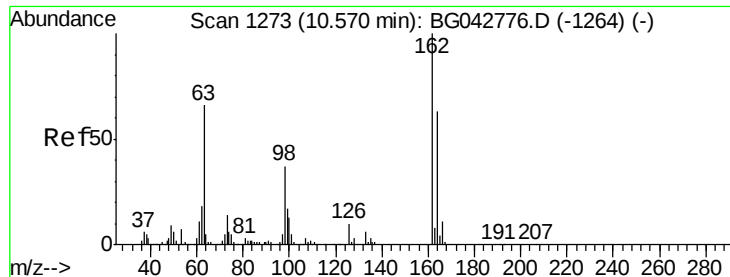
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#28
bis(2-Chloroethoxy)methane
Concen: 42.596 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256963		
95	32.8	26.6	40.0	
123	11.7	9.0	13.6	





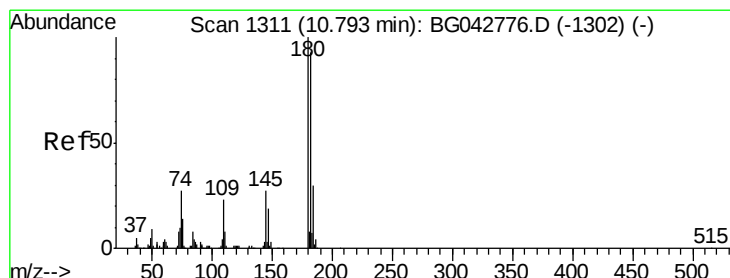
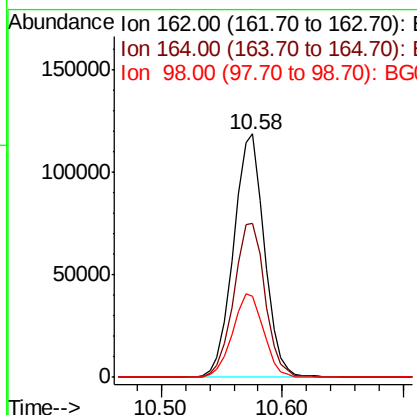
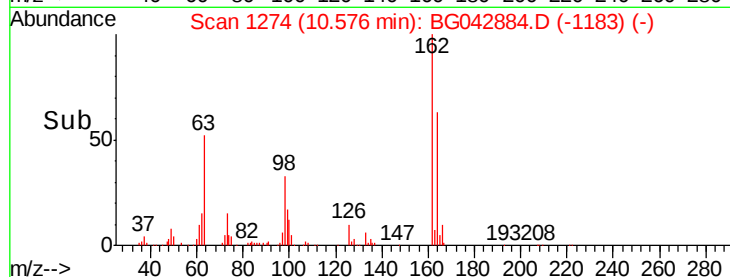
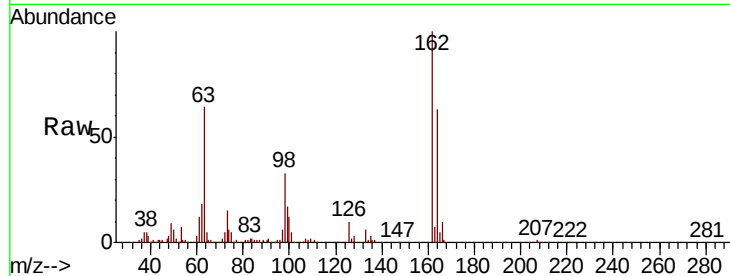
#29
 2,4-Dichlorophenol
 Concen: 48.209 ng
 RT: 10.58 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	43.4	83.4
98	33.3	17.0	57.0

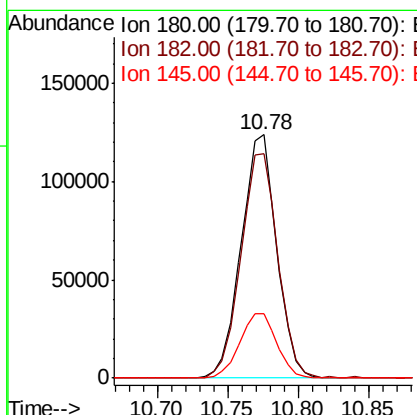
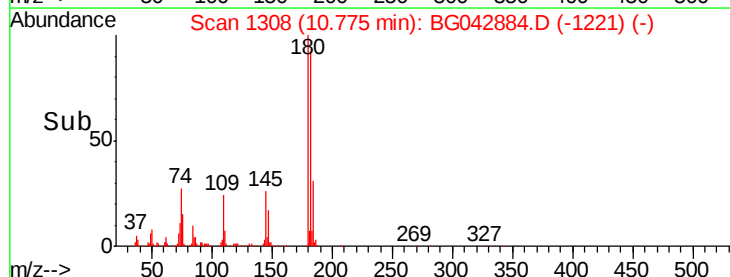
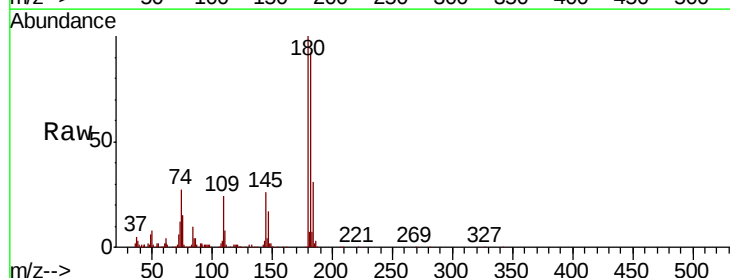
Manual Integrations
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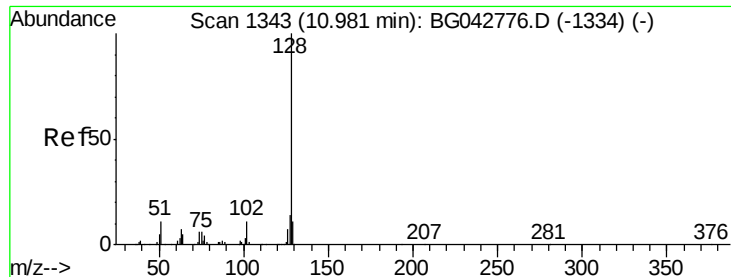
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.500 ng
 RT: 10.78 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.0	74.6	112.0
145	26.4	21.8	32.6





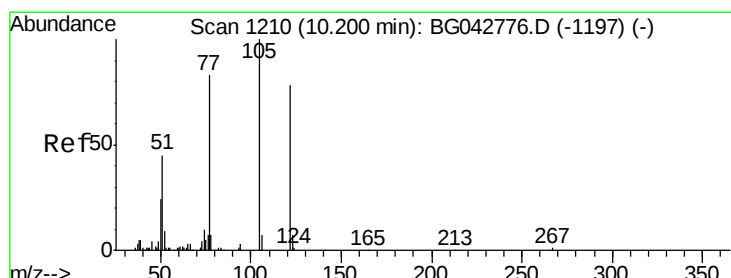
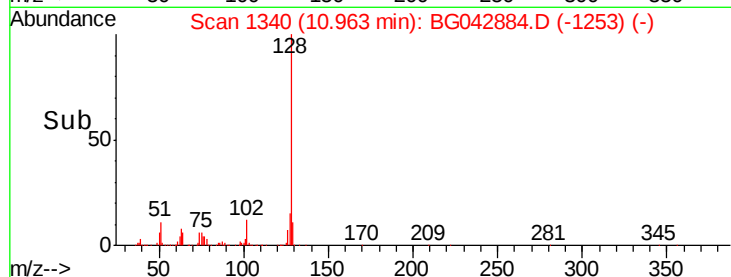
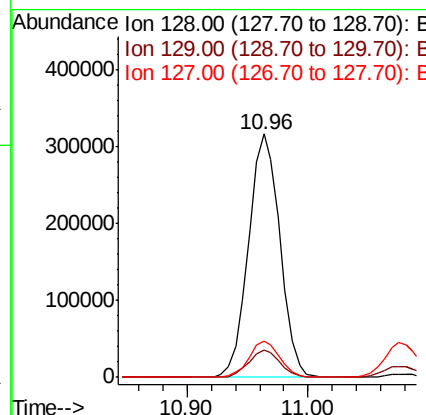
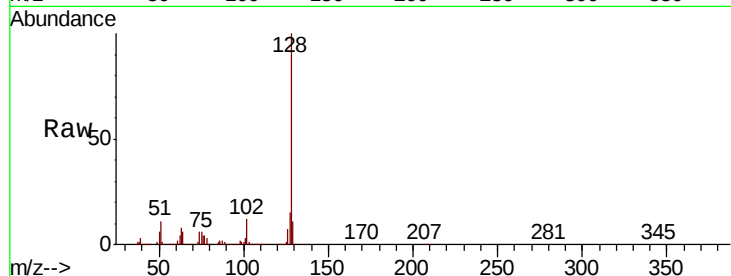
#31
Naphthalene
Concen: 42.943 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.0	13.6	
127	14.8	11.4	17.2	

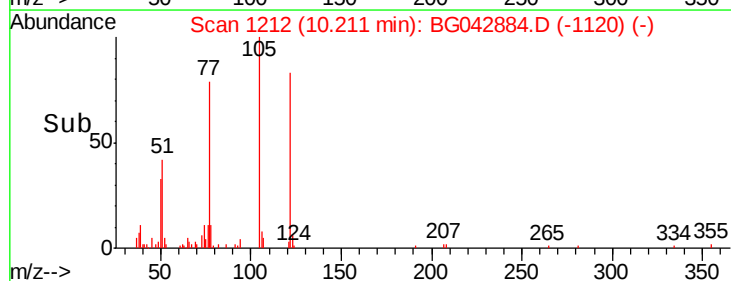
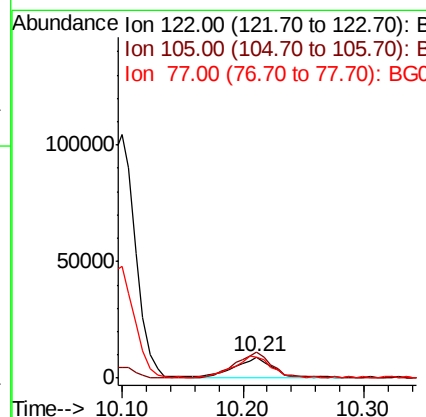
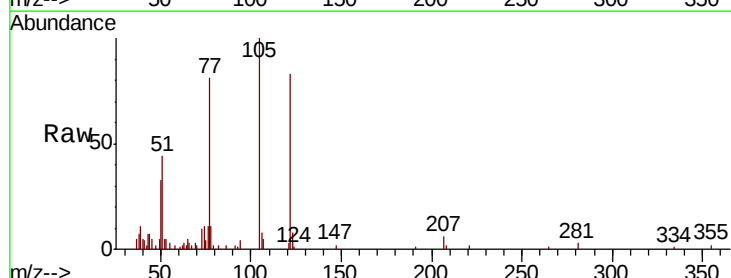
Manual Integrations
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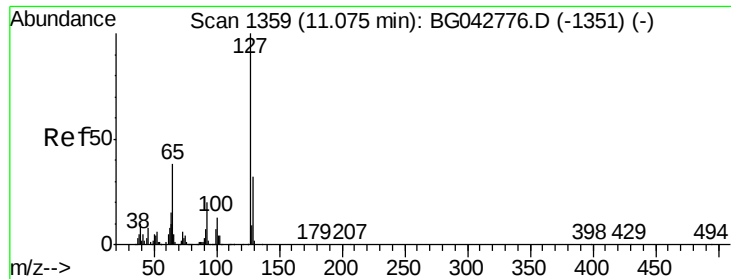
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#32
Benzoic acid
Concen: 11.808 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.0	104.0	144.0	
77	97.1	84.2	124.2	





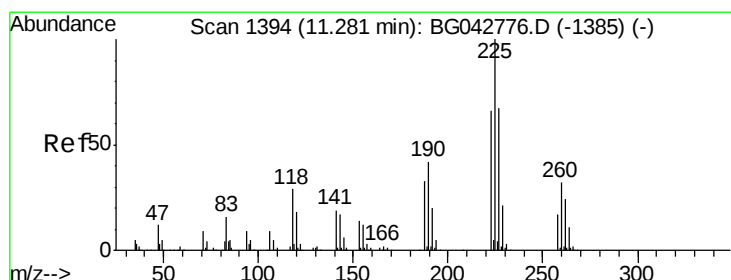
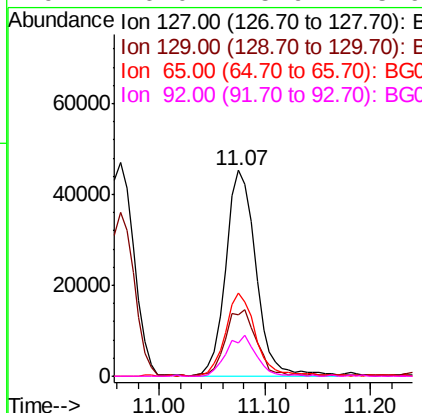
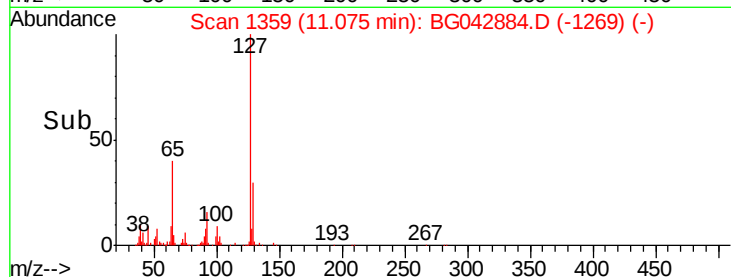
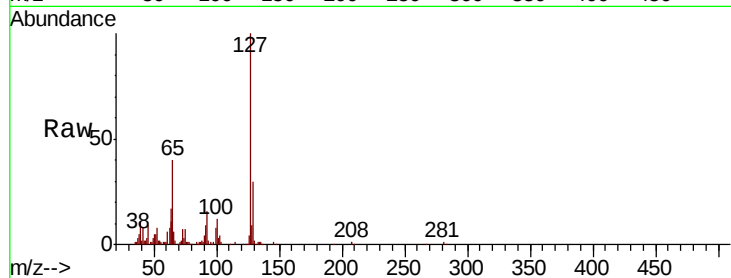
#33
4-Chloroaniline
Concen: 14.437 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.8	38.6
65	40.2	30.5	45.7
92	16.0	15.9	23.9

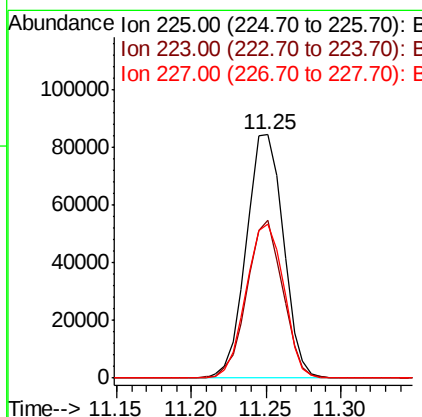
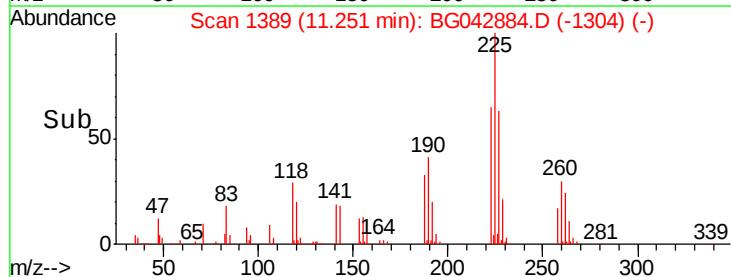
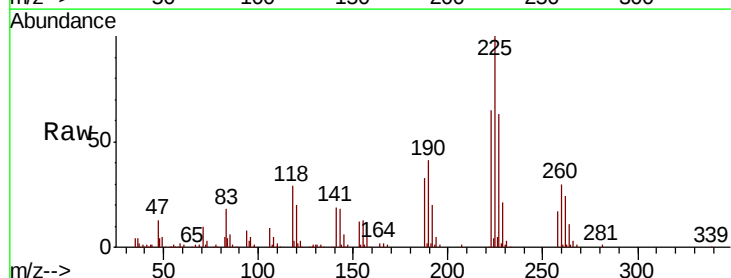
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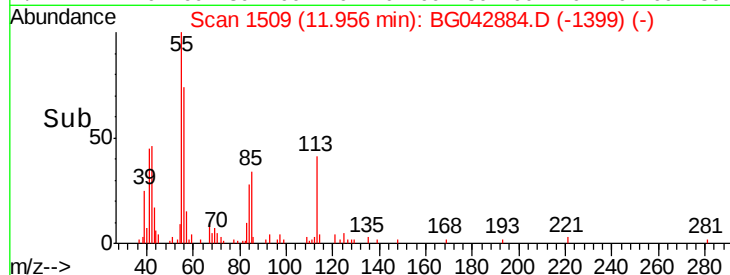
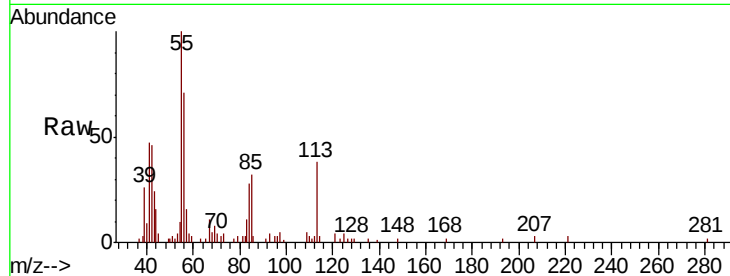
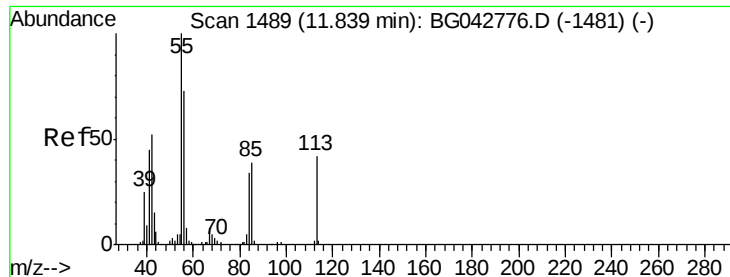
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#34
Hexachlorobutadiene
Concen: 38.540 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.6	79.0
227	63.2	53.6	80.4





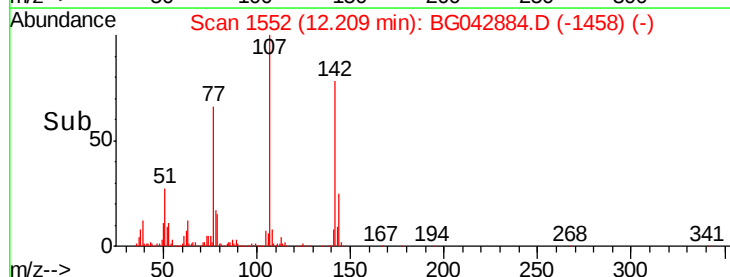
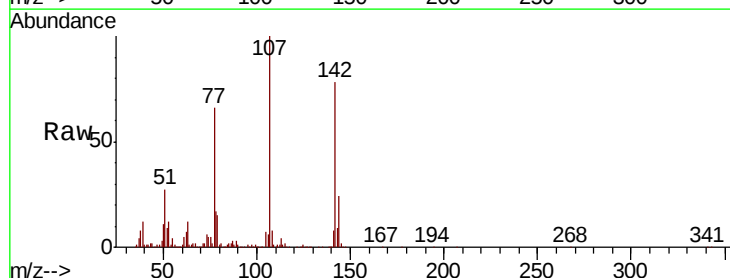
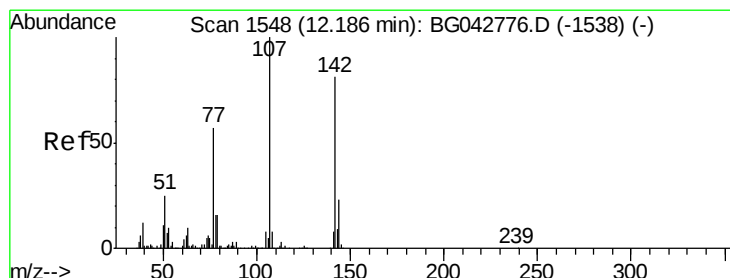
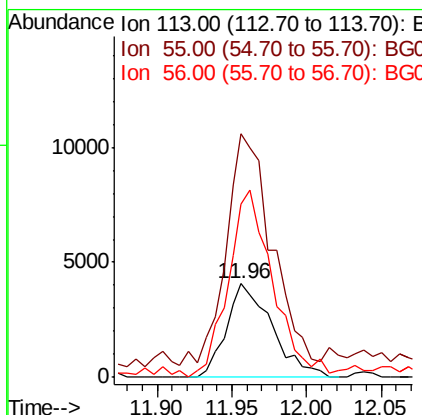
#35
Caprolactam
Concen: 5.286 ng
RT: 11.96 min Scan# 1509
Delta R.T. 0.12 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tot Ion: 113 Resp: 8655
Ion Ratio Lower Upper
113 100
55 261.2 218.4 258.4#
56 186.2 154.8 194.8

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

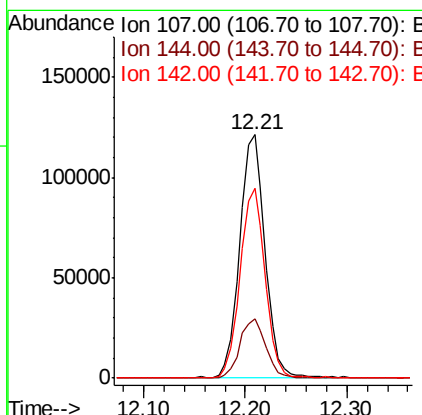
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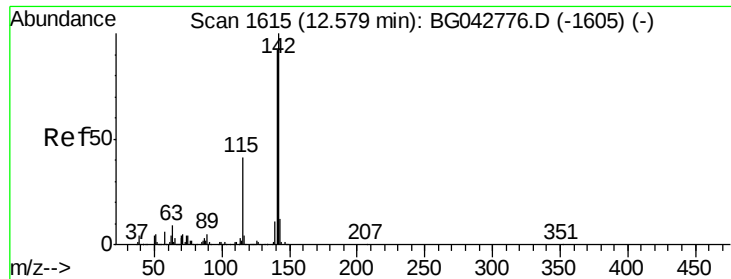
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#36
4-Chloro-3-methylphenol
Concen: 44.163 ng
RT: 12.21 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion: 107 Resp: 211133
Ion Ratio Lower Upper
107 100
144 24.5 18.7 28.1
142 78.1 65.0 97.4





#37

2-Methylnaphthalene

Concen: 44.978 ng

RT: 12.56 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

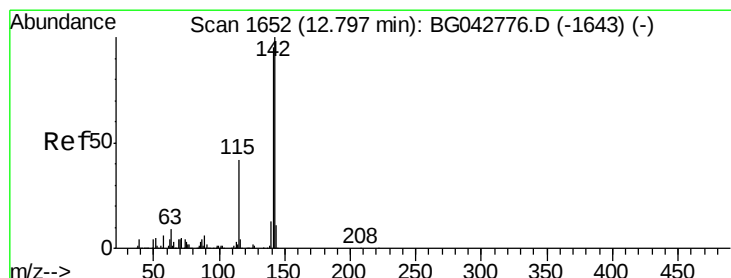
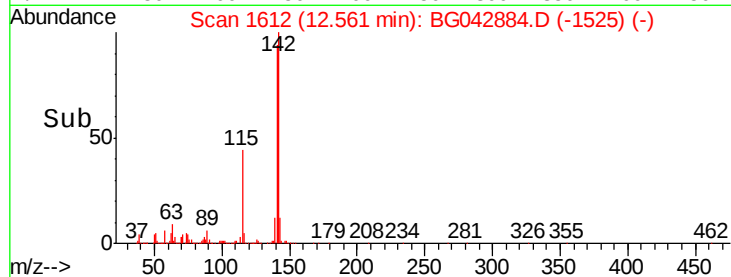
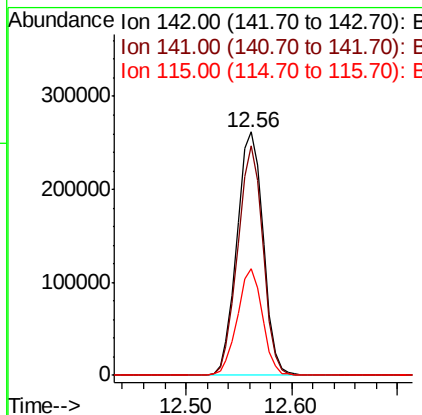
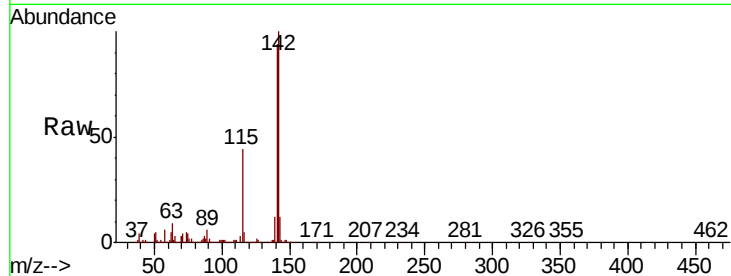
ClientSampleId :

VE-4-11MSD

Tot Ion:	142	Resp:	449459
Ion Ratio	Lower	Upper	
142	100		
141	94.2	73.8	110.8
115	44.0	33.0	49.4

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#38

1-Methylnaphthalene

Concen: 45.071 ng

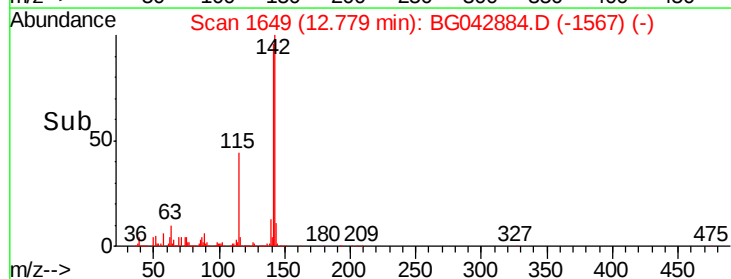
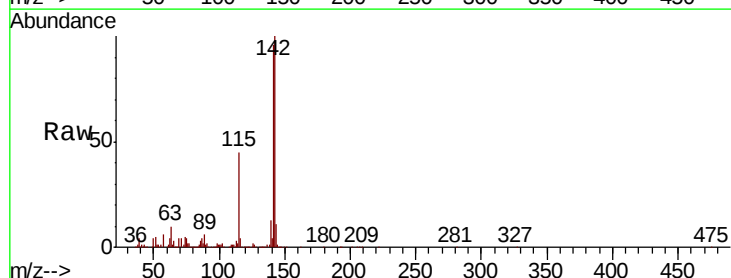
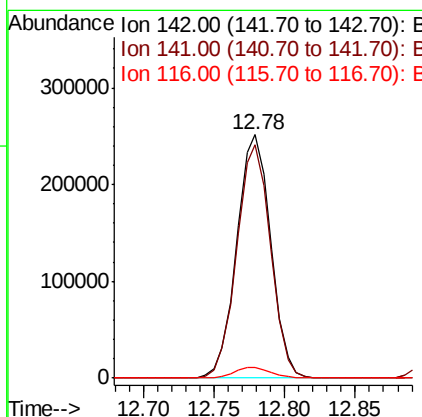
RT: 12.78 min Scan# 1649

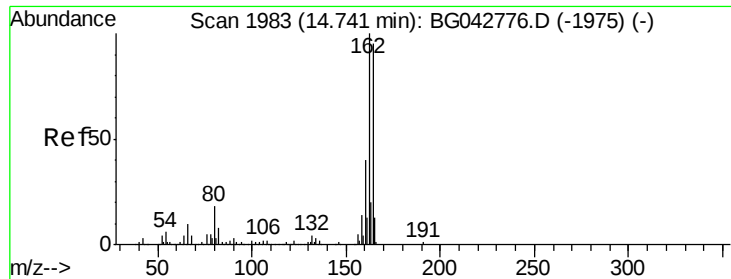
Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion:	142	Resp:	422419
Ion Ratio	Lower	Upper	
142	100		
141	95.6	76.3	114.5
116	4.5	3.4	5.0





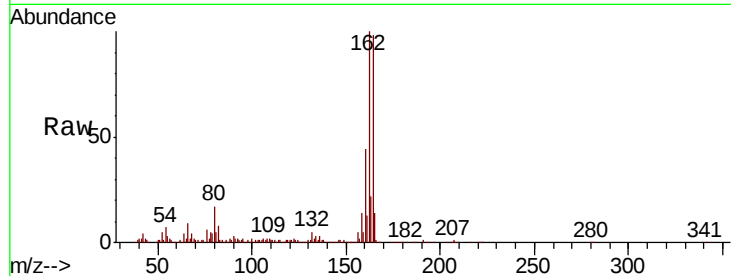
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	84.6	126.8	
160	45.3	34.2	51.2	

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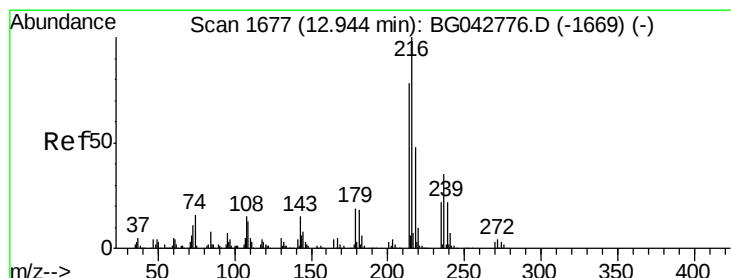
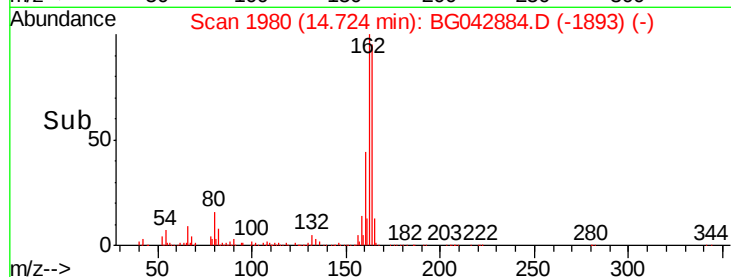
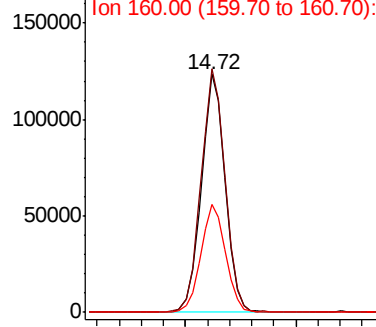


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.209 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.9	62.8	94.2	
179	19.7	15.3	22.9	
108	17.5	12.9	19.3	

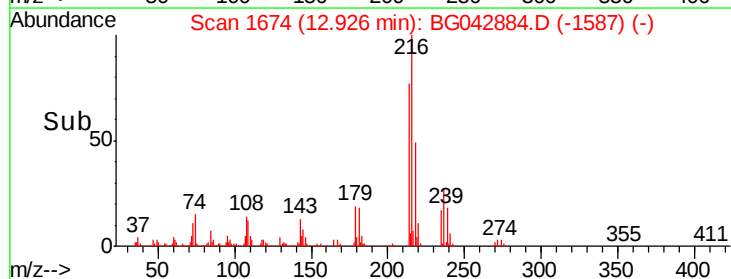
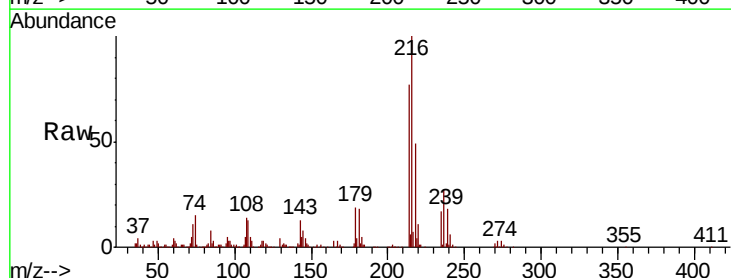
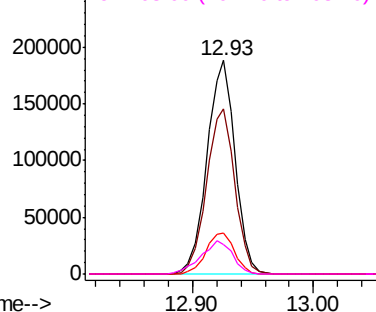
Abundance

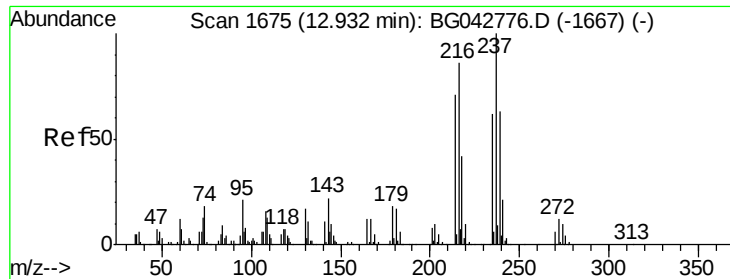
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





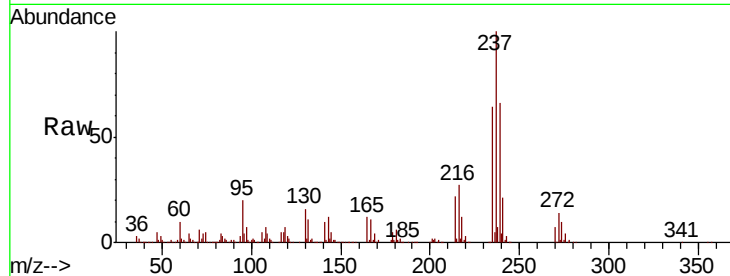
#41
Hexachlorocyclopentadiene
Concen: 112.911 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

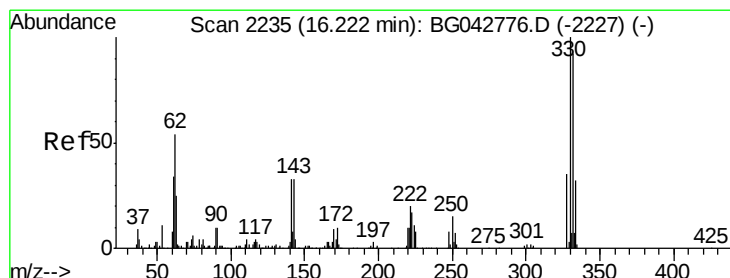
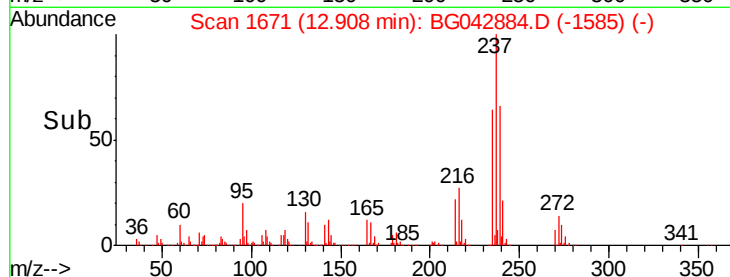
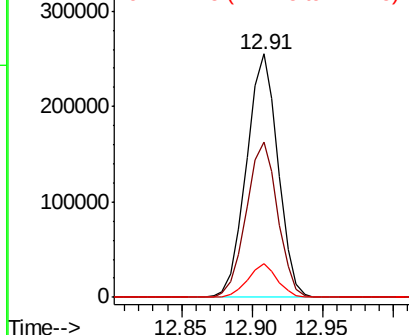
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	41.9	81.9
272	13.7	0.0	31.6

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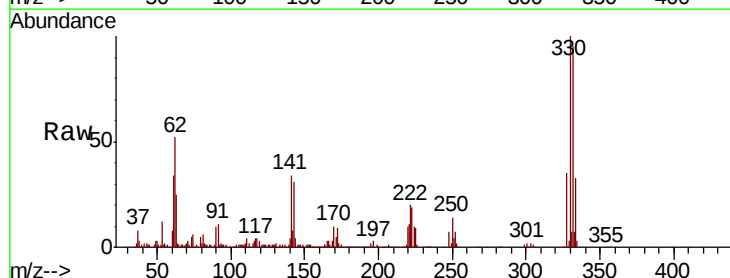


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

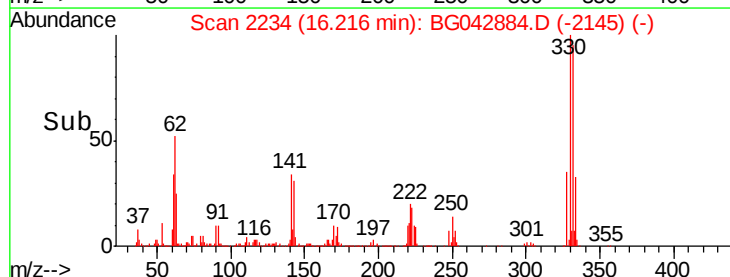
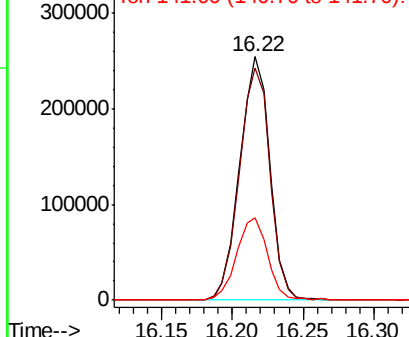


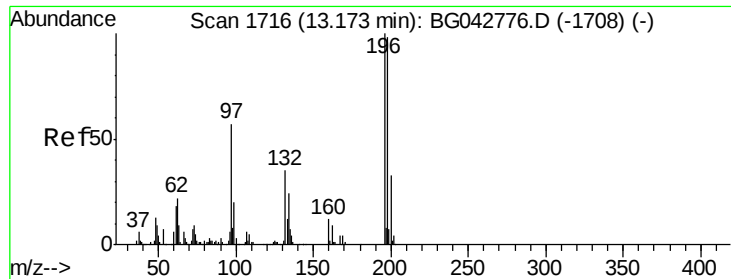
#42
2,4,6-Tribromophenol
Concen: 153.335 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	76.7	115.1
141	33.9	27.0	40.6



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





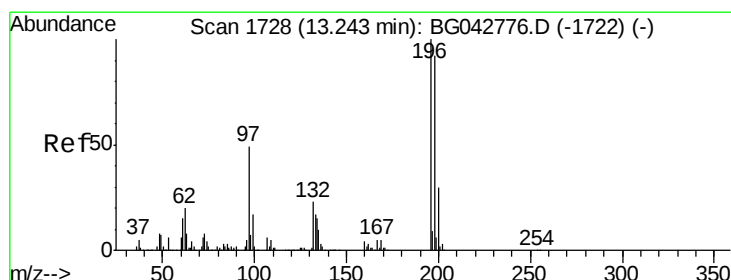
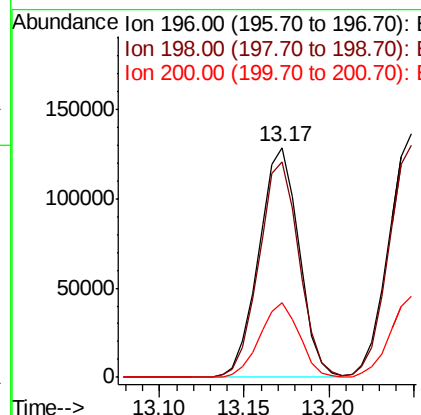
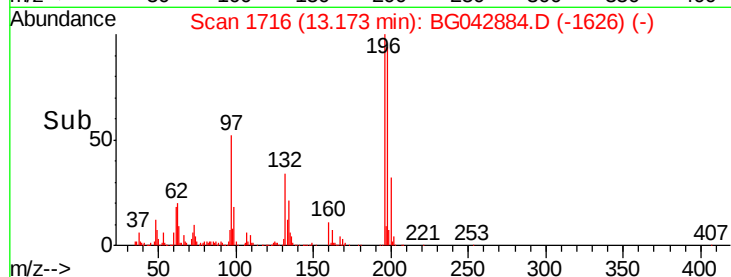
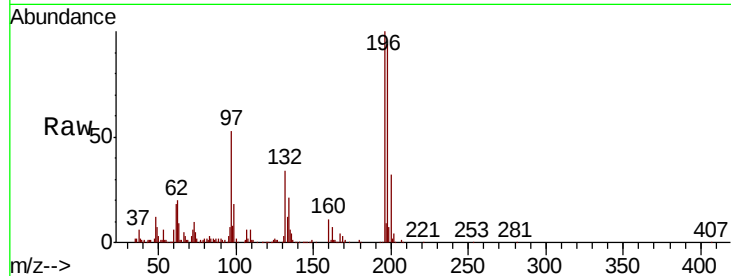
#43
 2,4,6-Trichlorophenol
 Concen: 51.645 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212281		
198	93.6	78.8	118.2	
200	32.2	26.2	39.4	

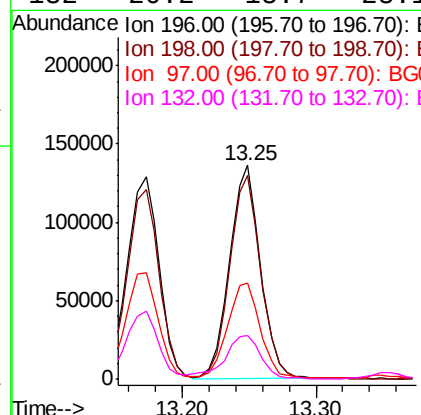
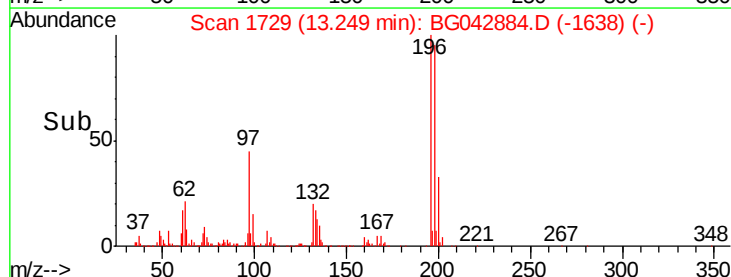
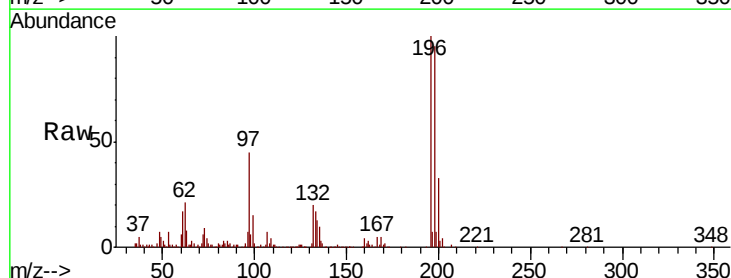
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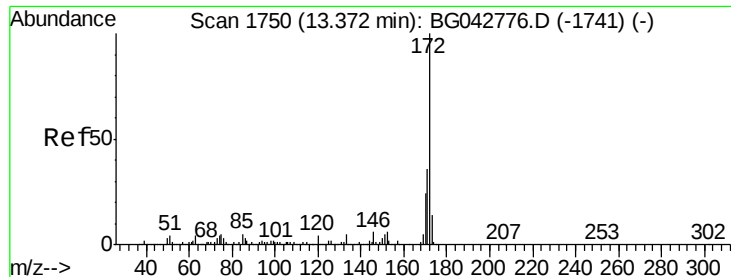
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 52.148 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219552		
198	95.1	73.4	110.0	
97	44.8	39.2	58.8	
132	20.2	18.7	28.1	





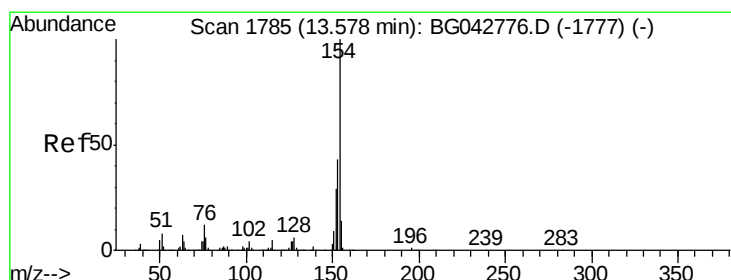
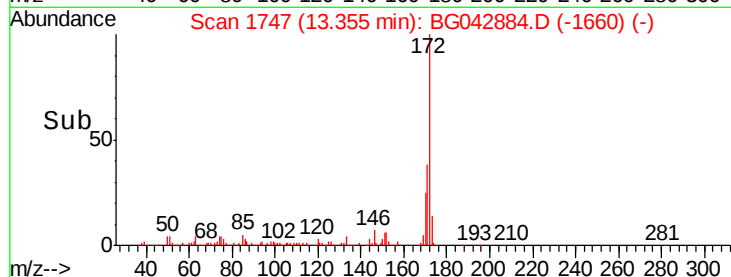
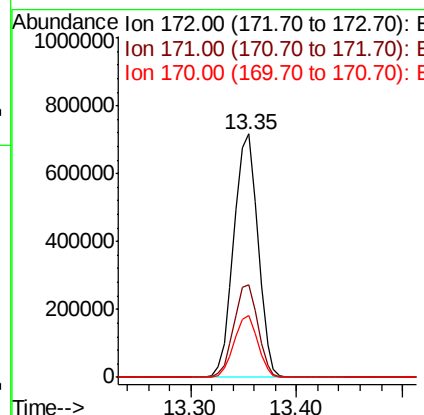
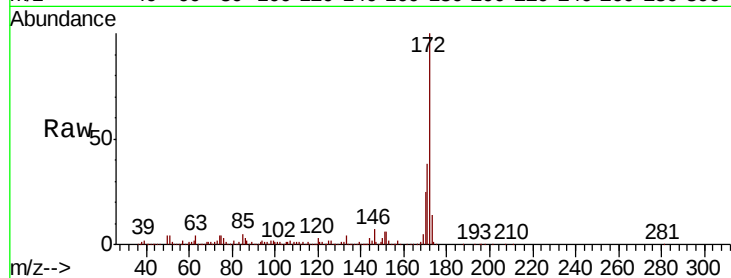
#45
2-Fluorobiphenyl
Concen: 95.981 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	25.2	19.1	28.7

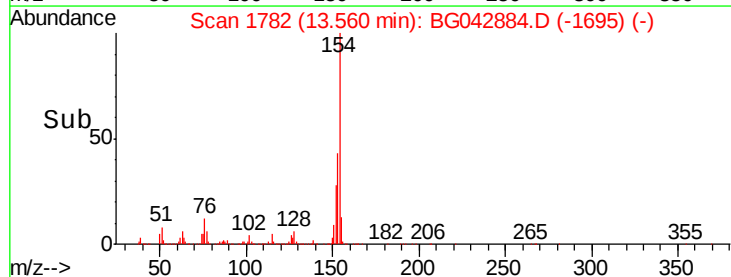
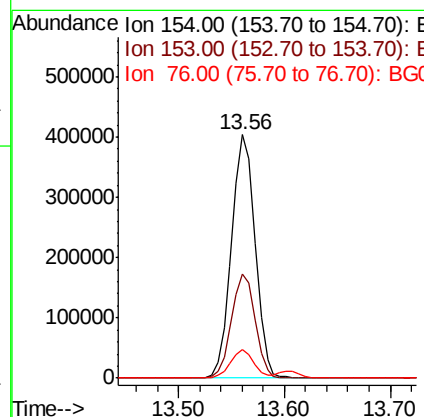
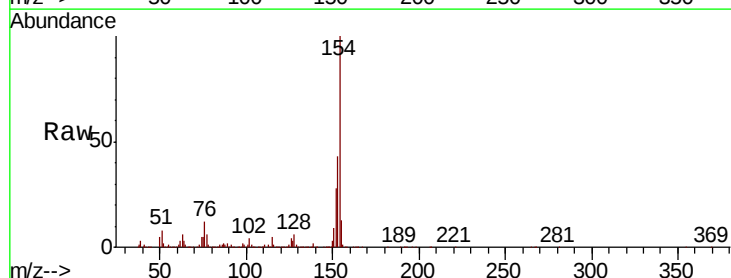
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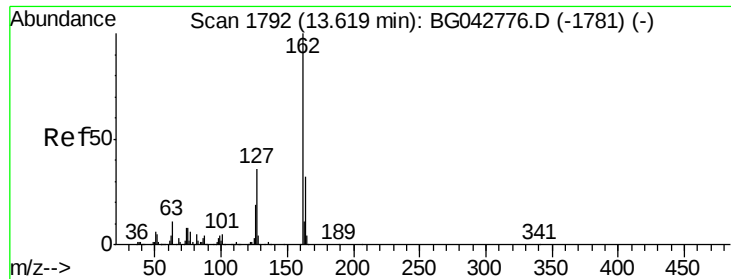
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#46
1,1'-Biphenyl
Concen: 47.560 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.6	62.6
76	11.8	0.0	32.2





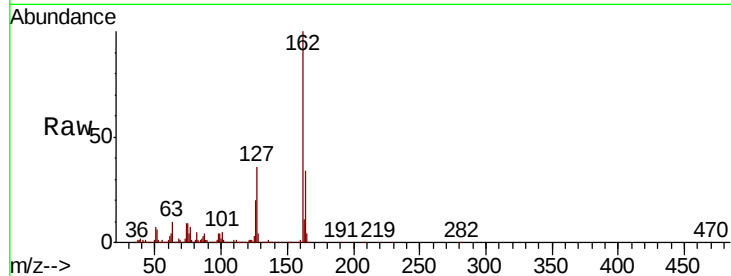
#47
 2-Chloronaphthalene
 Concen: 45.299 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.5	29.3	43.9	
164	33.6	26.0	39.0	

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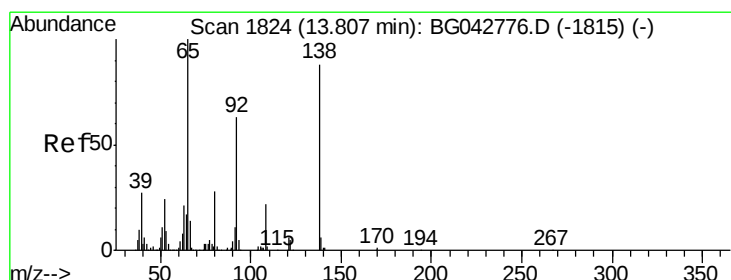
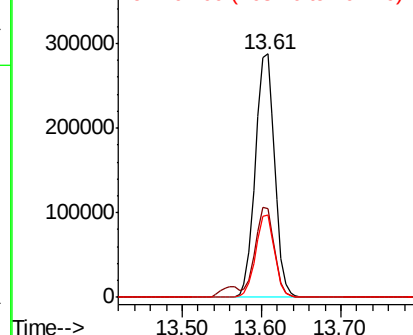
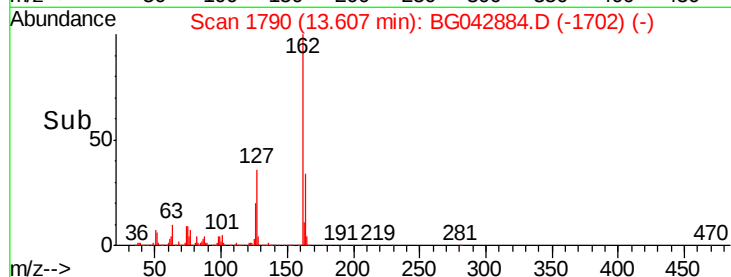


Abundance

Ion 162.00 (161.70 to 162.70): E

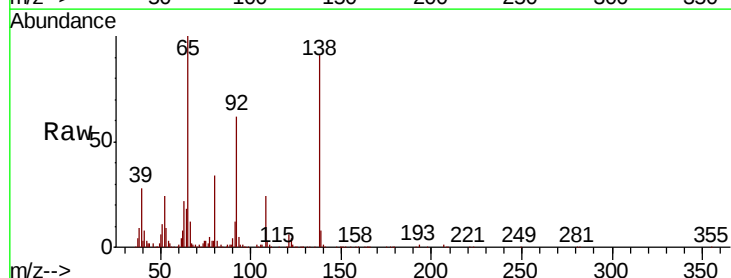
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 46.398 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	61.5	50.4	75.6	
138	90.7	70.6	106.0	

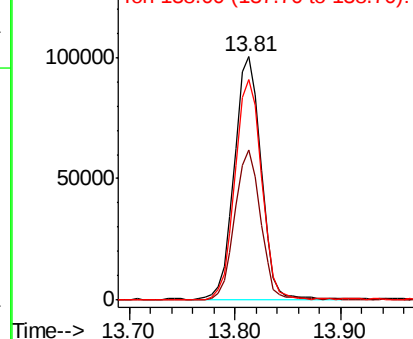
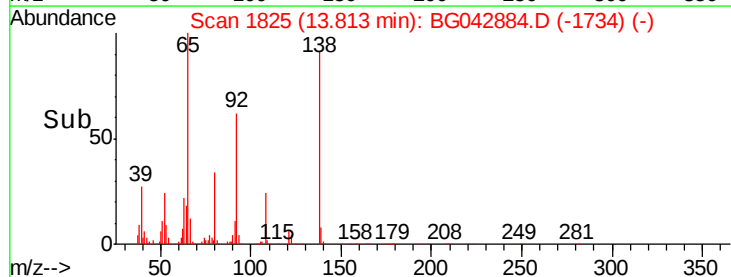


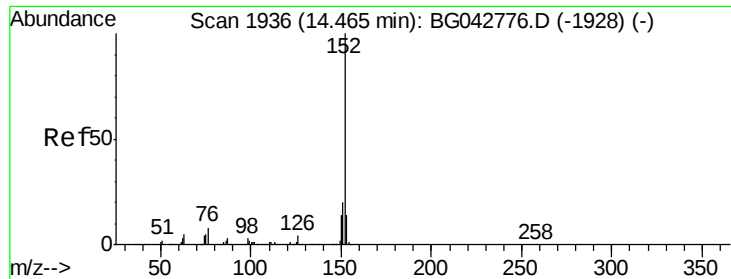
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





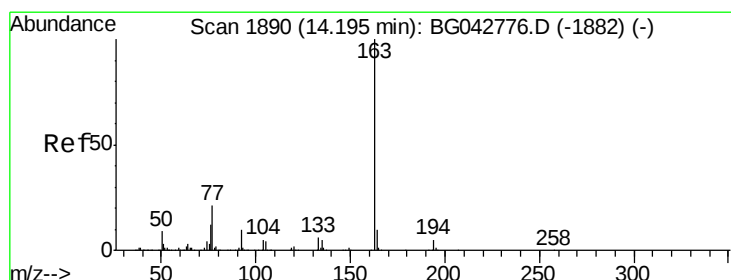
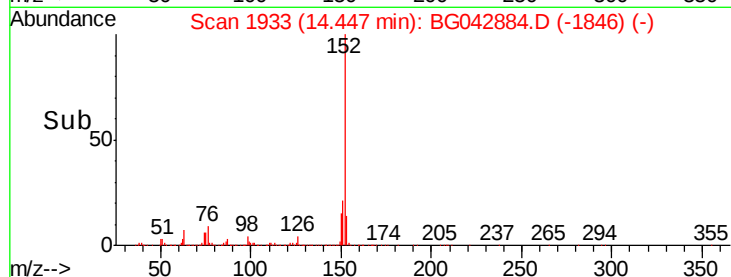
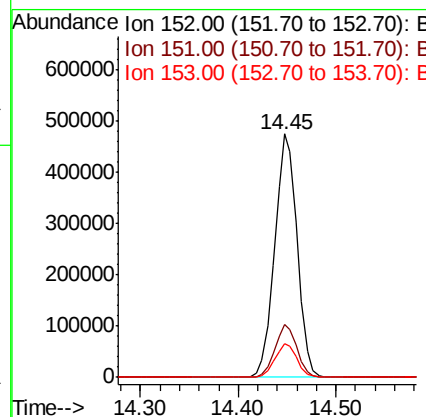
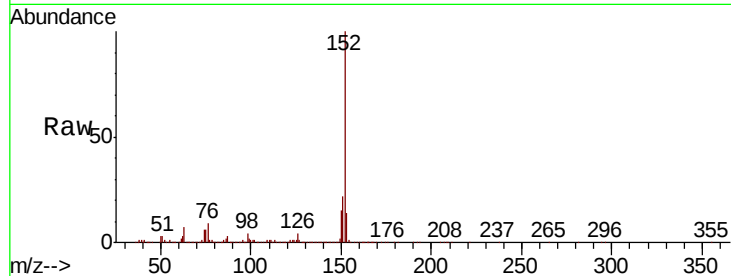
#49
Acenaphthylene
Concen: 46.476 ng
RT: 14.45 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.0	24.0
153	14.1	11.4	17.0

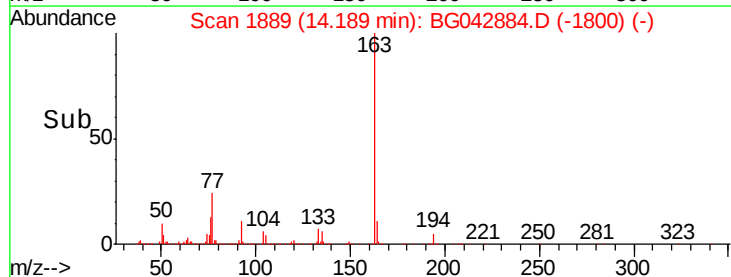
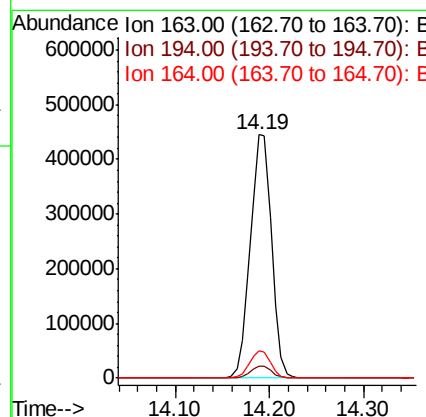
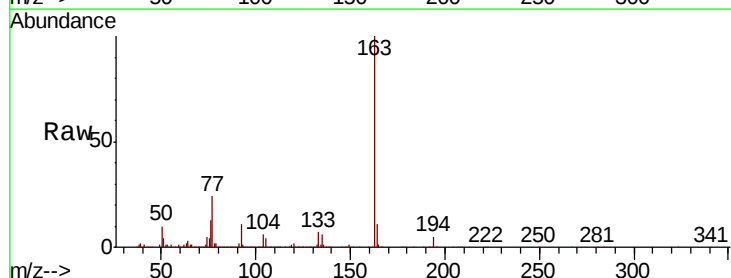
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#50
Dimethylphthalate
Concen: 49.841 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.4
164	11.0	8.4	12.6





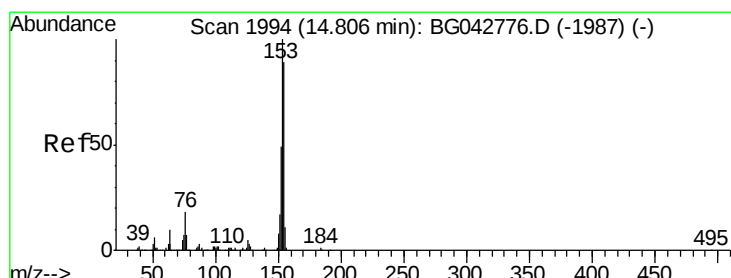
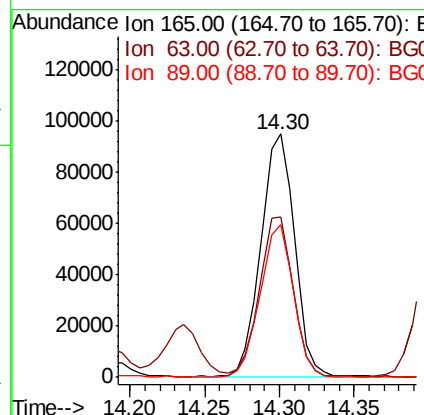
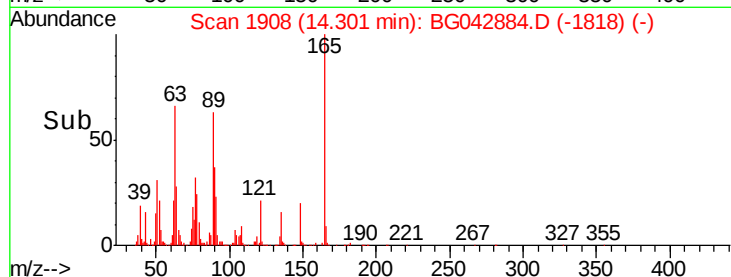
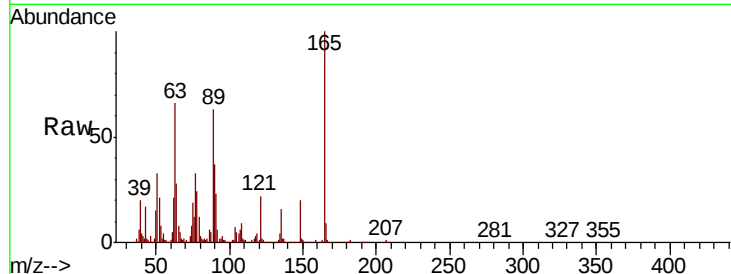
#51
 2,6-Dinitrotoluene
 Concen: 51.321 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	147393		
63	66.1	52.1	78.1	
89	62.8	51.7	77.5	

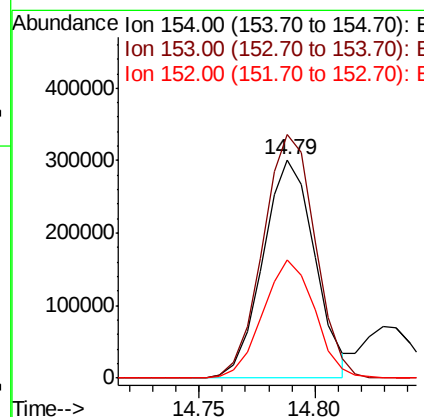
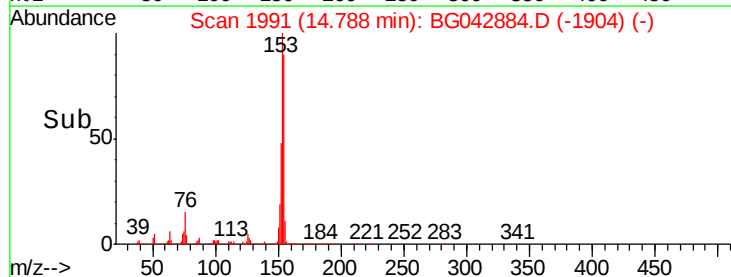
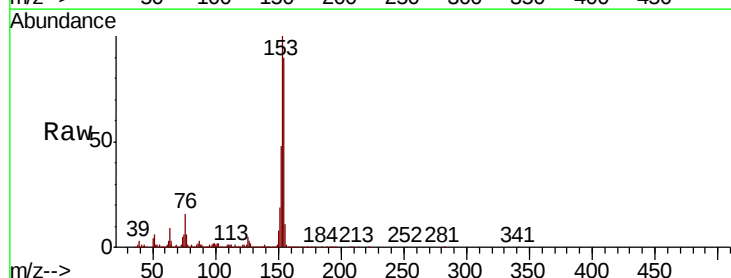
Manual Integrations
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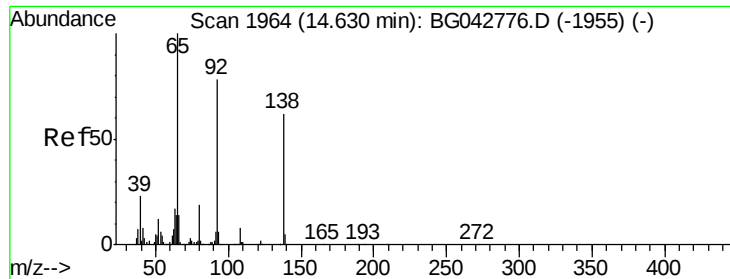
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#52
 Acenaphthene
 Concen: 43.278 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	467499		
153	111.3	89.4	134.2	
152	53.9	43.5	65.3	





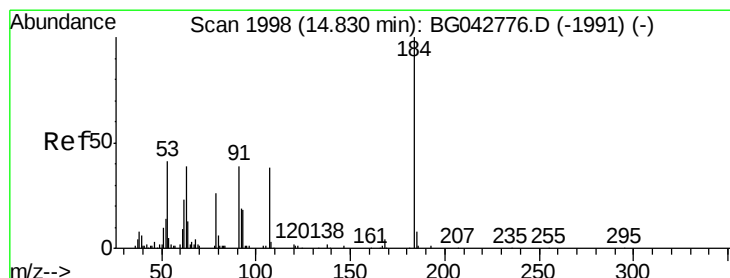
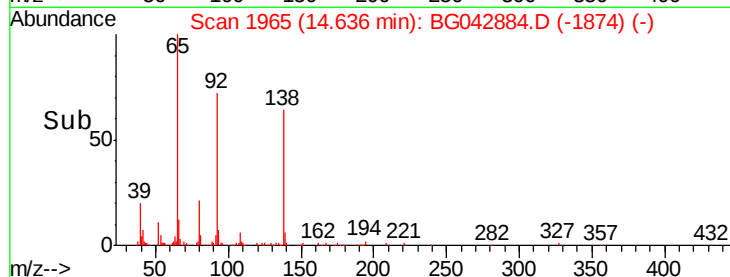
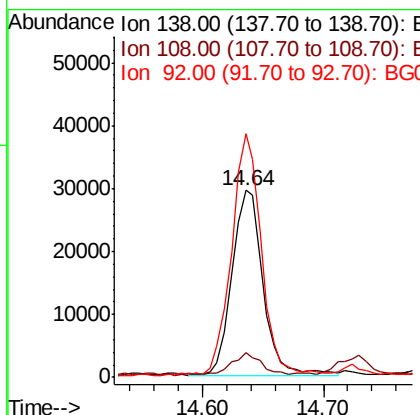
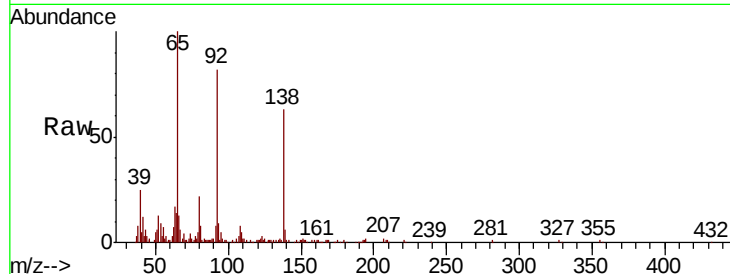
#53
 3-Nitroaniline
 Concen: 16.626 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.0	10.7	16.1
92	130.3	100.5	150.7

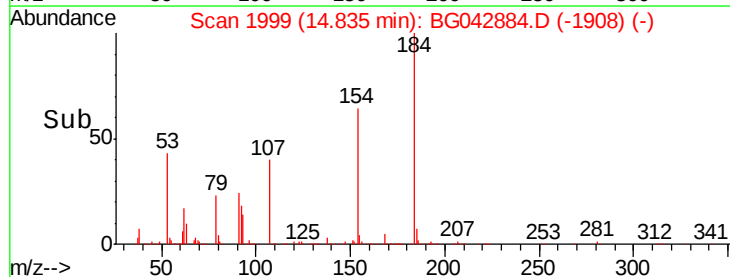
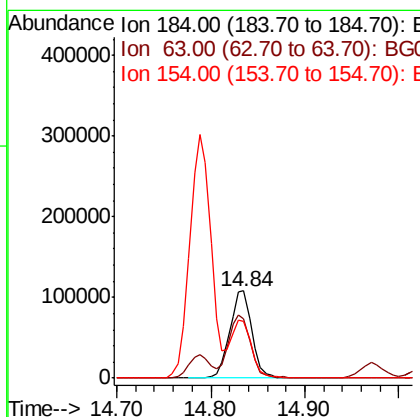
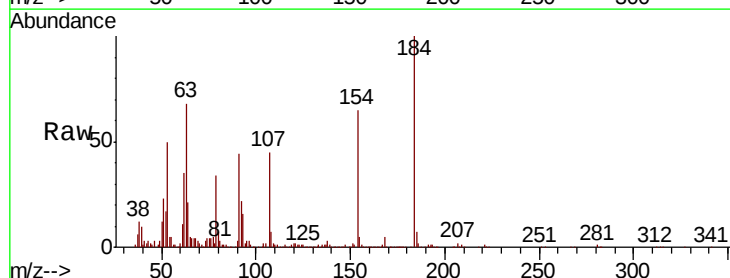
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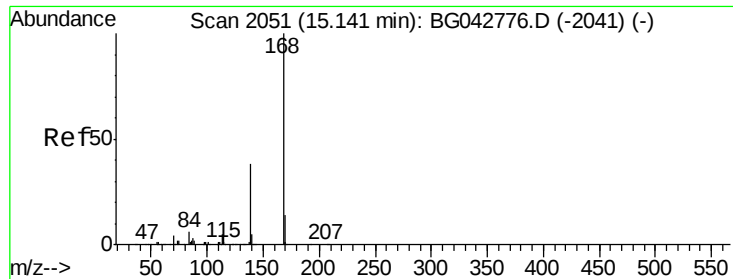
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#54
 2,4-Dinitrophenol
 Concen: 125.309 ng
 RT: 14.84 min Scan# 1999
 Delta R.T. 0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.7	46.2	69.4
154	64.7	81.3	121.9#





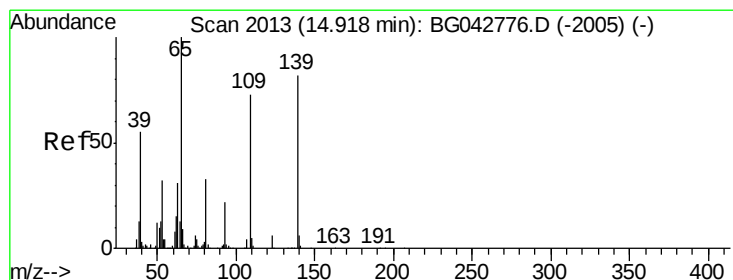
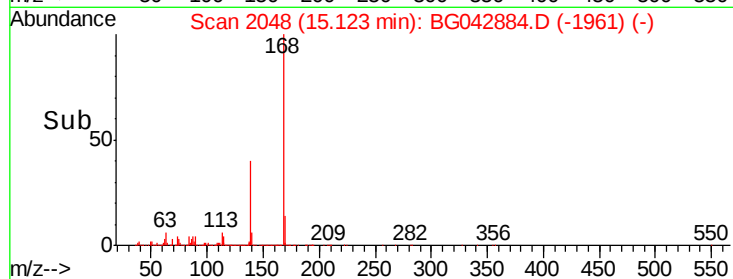
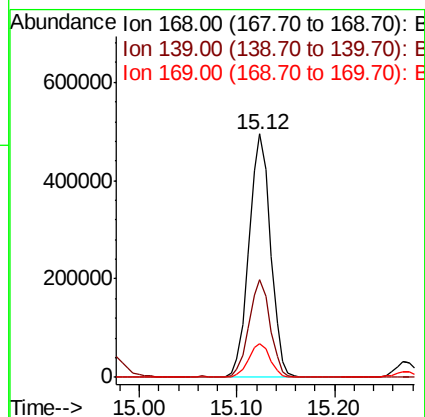
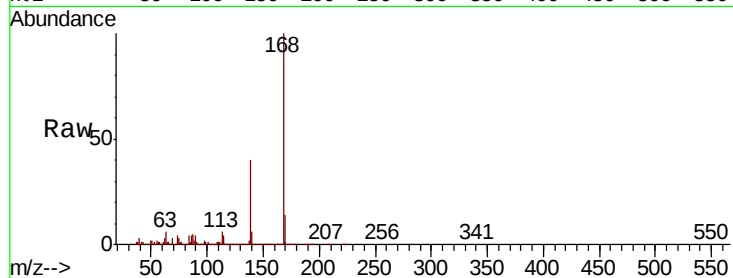
#55
Dibenzofuran
Concen: 47.184 ng
RT: 15.12 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.2	45.4
169	14.1	11.2	16.8

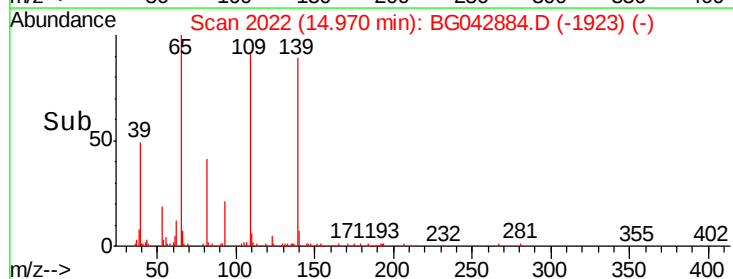
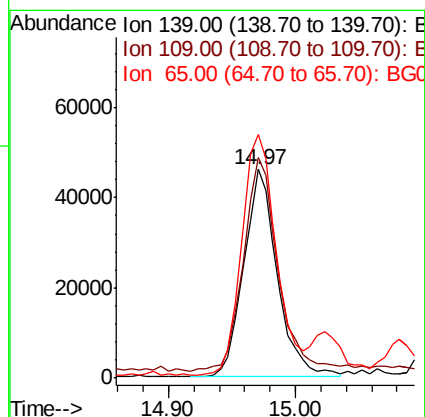
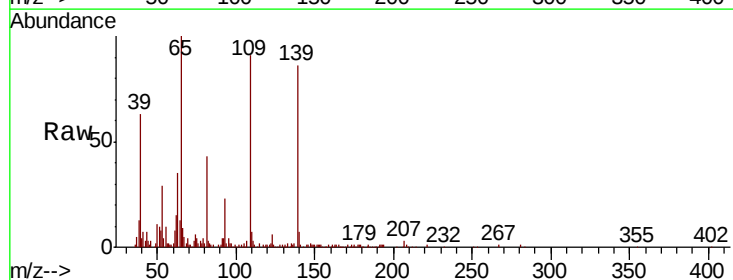
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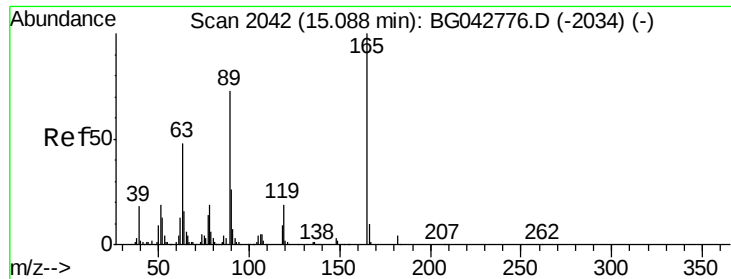
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#56
4-Nitrophenol
Concen: 33.793 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.9	69.4	109.4
65	116.6	102.5	142.5





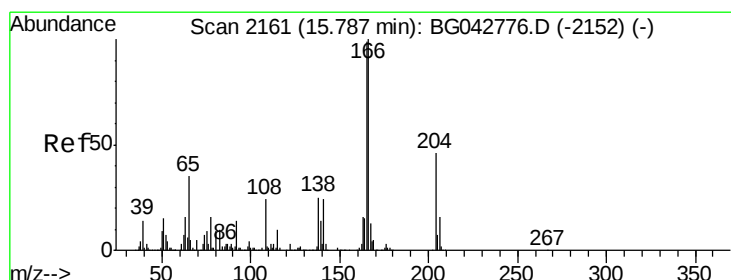
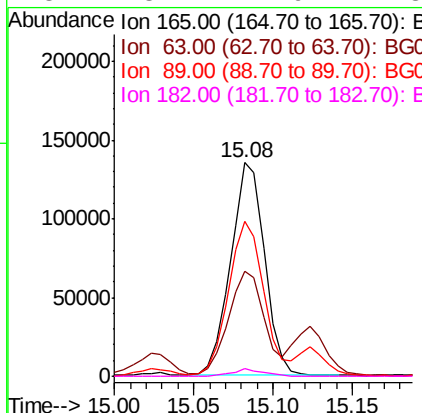
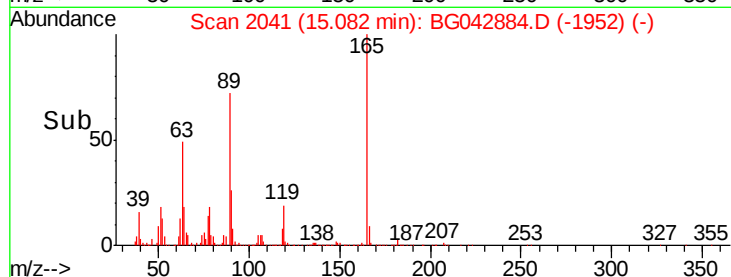
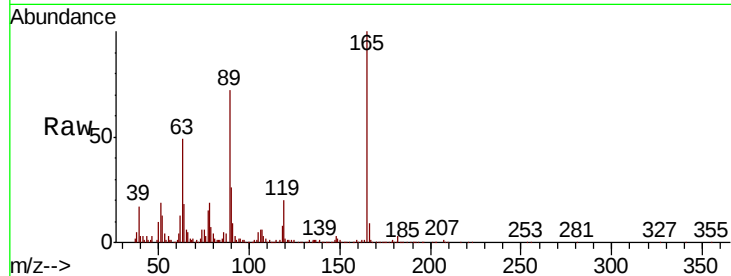
#57
 2,4-Dinitrotoluene
 Concen: 52.619 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		201430		
63	49.3	38.3	57.5		
89	72.4	58.4	87.6		
182	3.4	2.9	4.3		

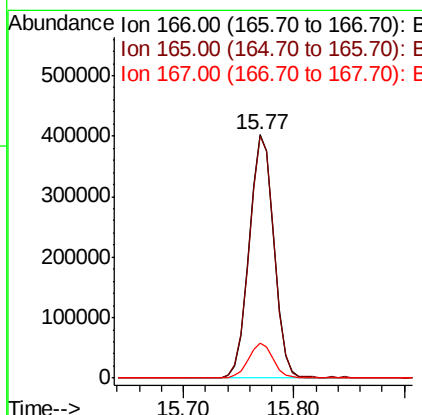
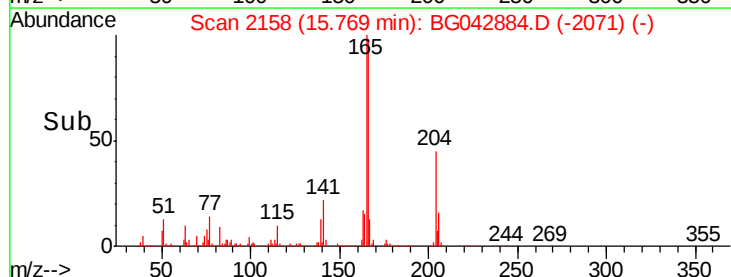
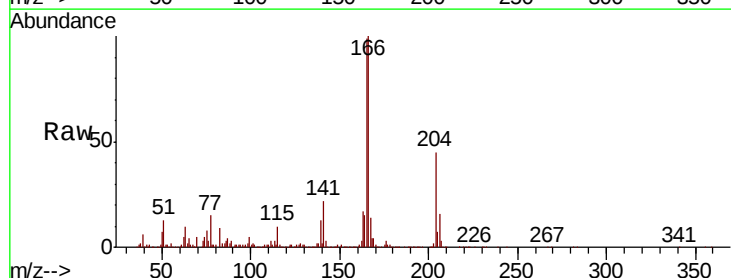
Manual Integrations
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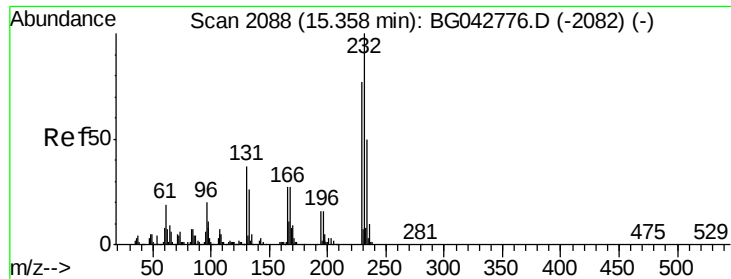
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#58
 Fluorene
 Concen: 47.272 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		629045		
165	99.3	79.1	118.7		
167	14.2	10.7	16.1		





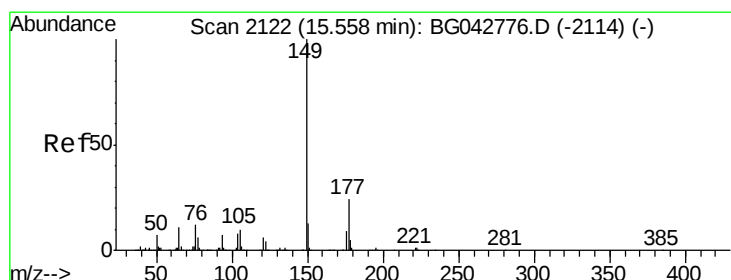
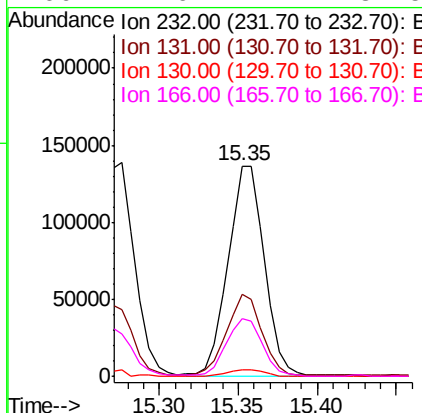
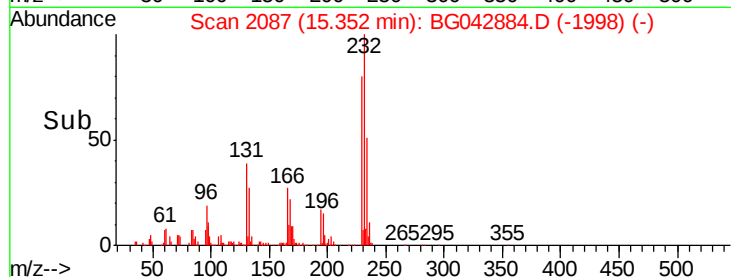
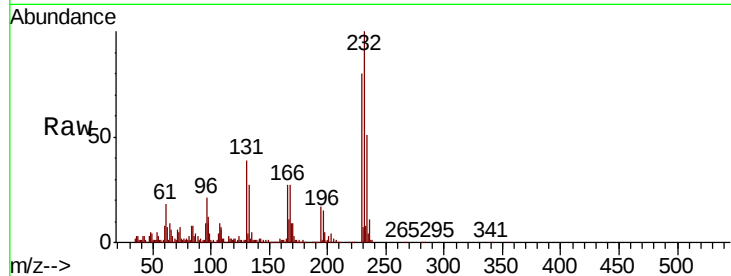
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.596 ng/ml
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		218741		
131	34.1	31.1	46.7		
130	2.5	1.8	2.6		
166	21.6	21.7	32.5		

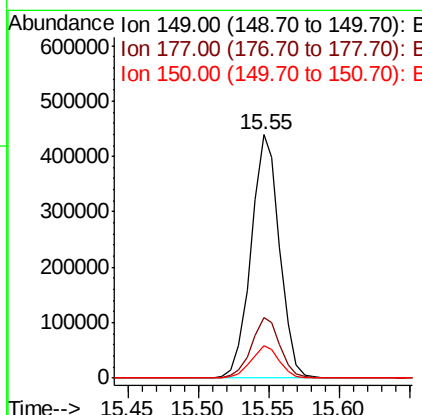
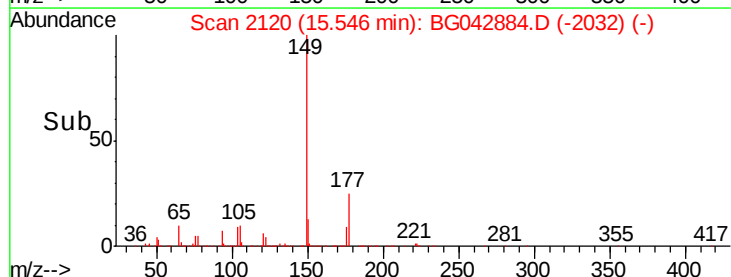
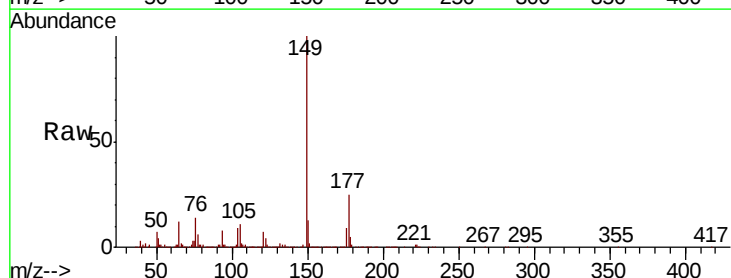
Manual Integrations
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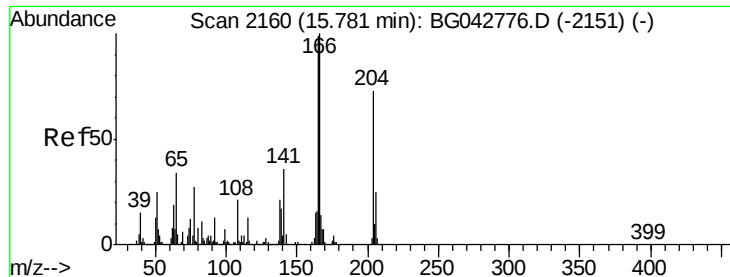
mohammad
 9/18/2019 2:18:49 PM



#60
 Diethylphthalate
 Concen: 43.589 ng/ml
 RT: 15.55 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		619290		
177	24.8	19.4	29.0		
150	13.1	10.2	15.4		





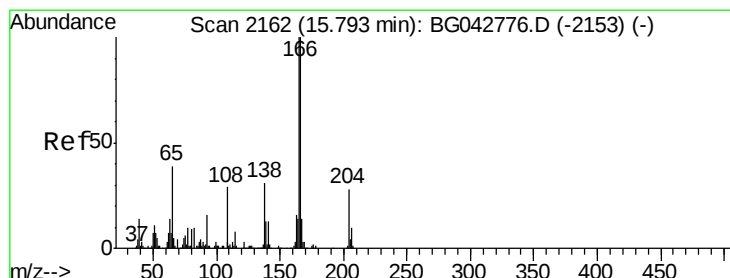
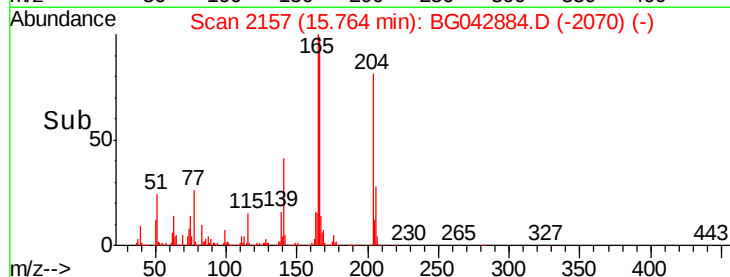
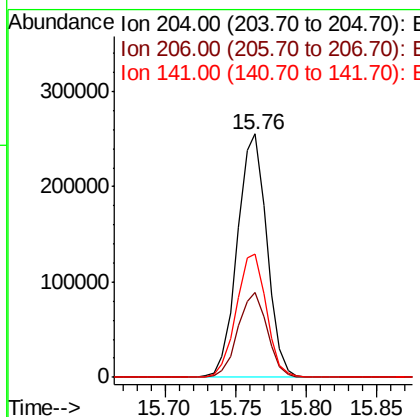
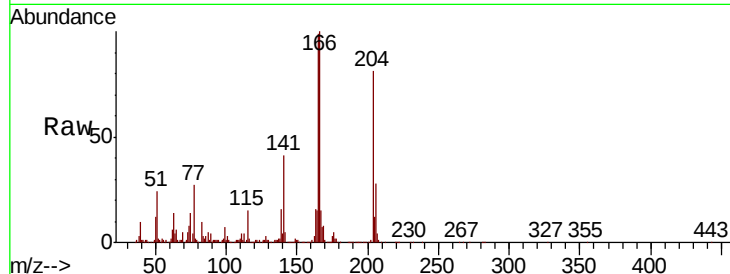
#61
4-Chlorophenyl-phenylether
Concen: 47.155 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.6	41.4
141	50.7	39.8	59.6

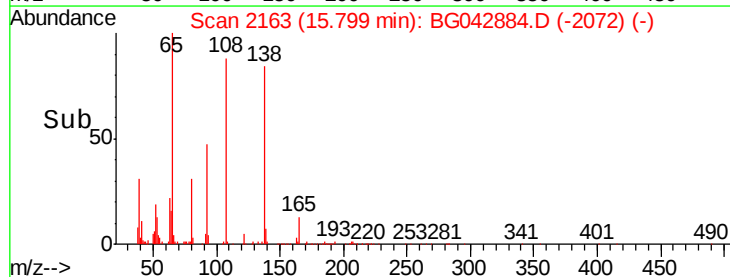
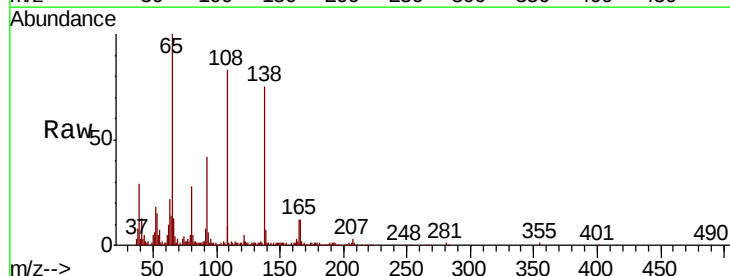
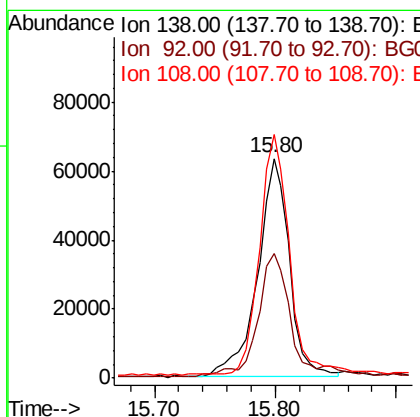
Manual Integrations
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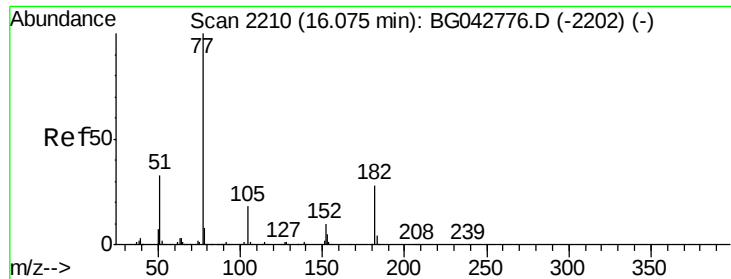
mohammad
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#62
4-Nitroaniline
Concen: 32.937 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	31.4	71.4
108	110.9	74.8	114.8





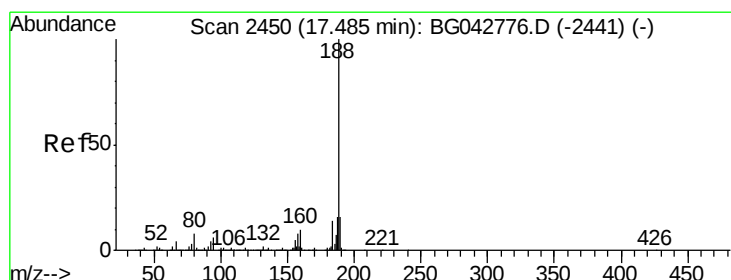
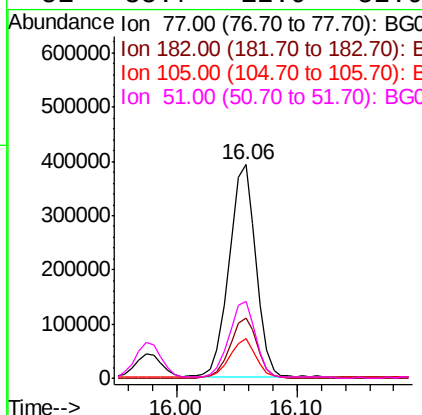
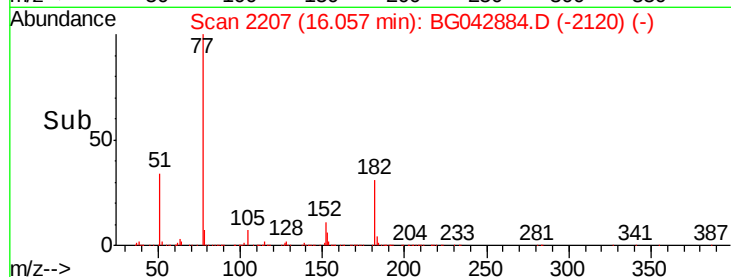
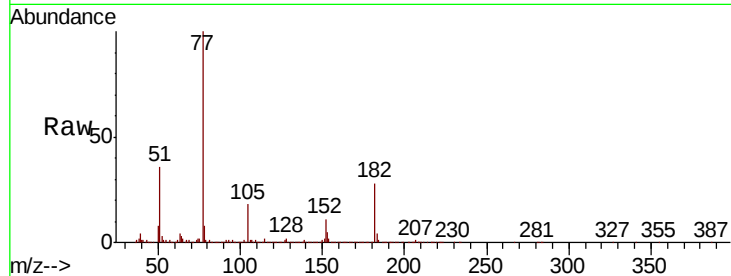
#63
Azobenzene
Concen: 44.030 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		602398		
182	28.4	8.1	48.1		
105	18.4	0.0	38.1		
51	35.7	12.9	52.9		

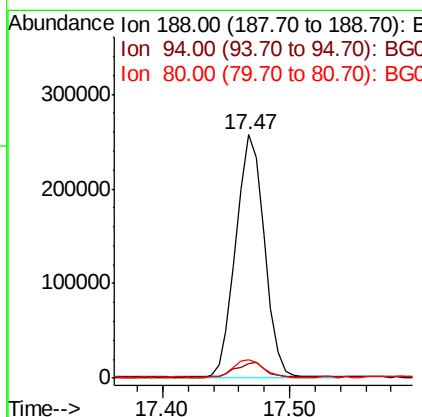
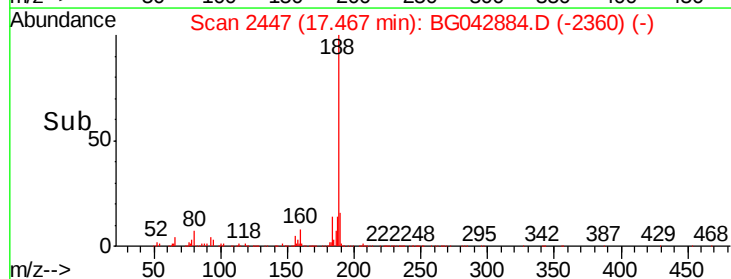
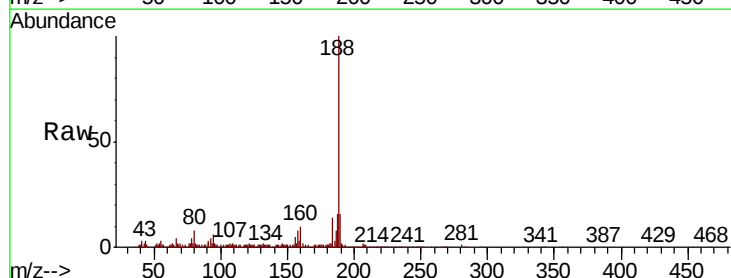
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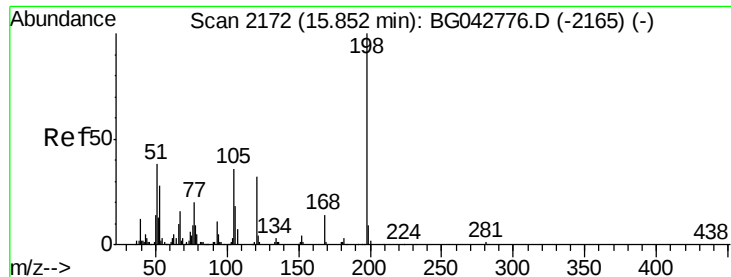
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		399640		
94	6.2	4.8	7.2		
80	7.8	6.6	9.8		





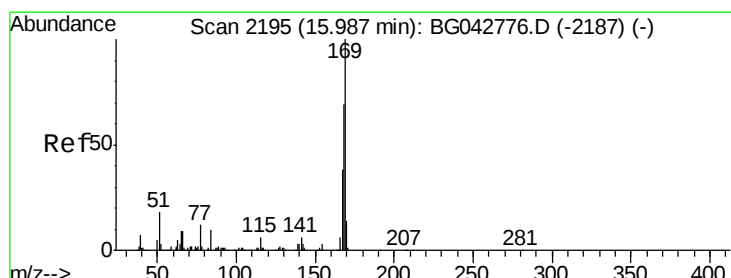
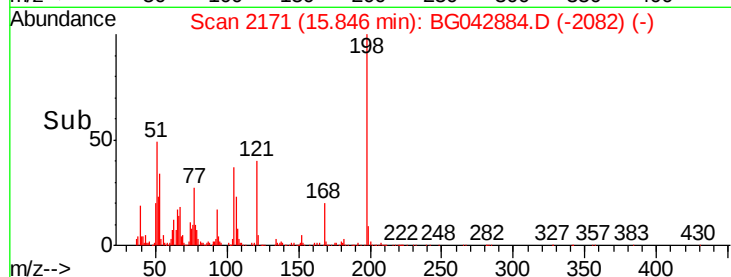
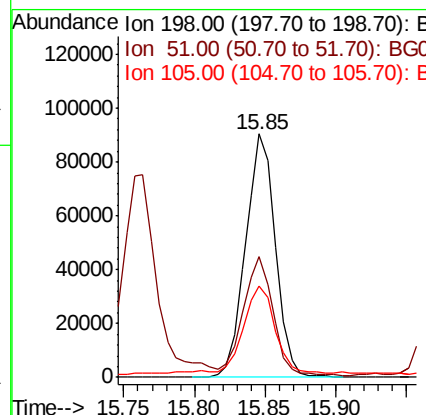
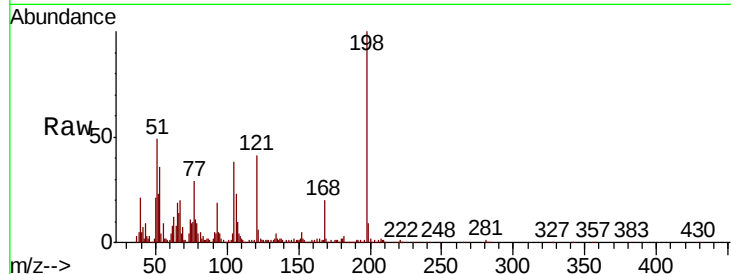
#65
 4,6-Dinitro-2-methylphenol
 Concen: 78.152 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	133640		
51	49.3	20.9	60.9	
105	37.7	16.4	56.4	

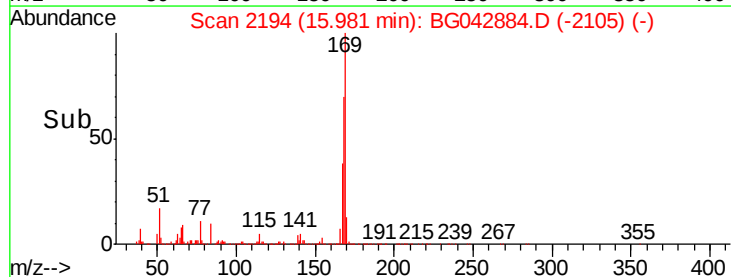
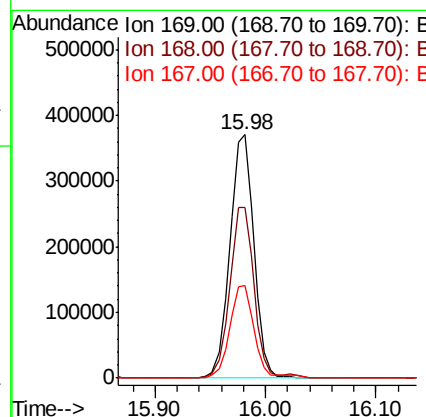
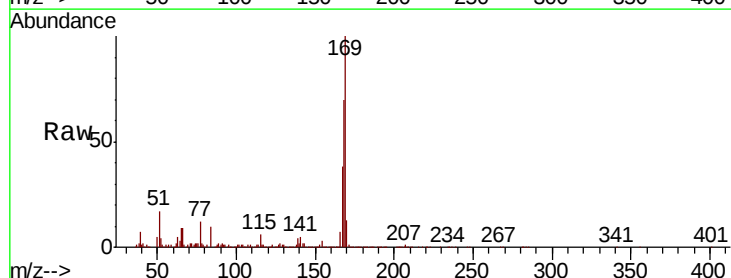
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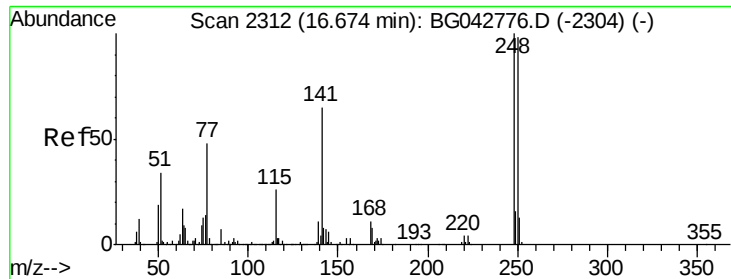
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 52.544 ng
 RT: 15.98 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	565055		
168	70.3	55.4	83.2	
167	37.9	30.4	45.6	





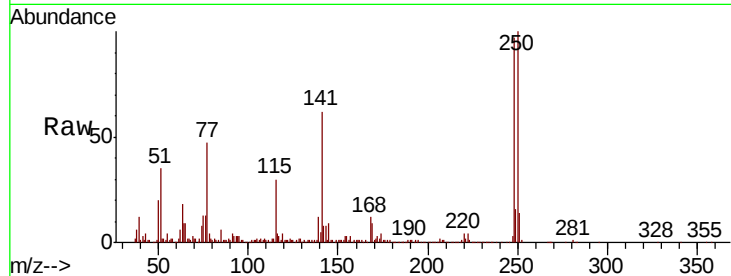
#67
 4-Bromophenyl-phenylether
 Concen: 49.991 ng
 RT: 16.66 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.9	78.0	117.0
141	64.3	51.8	77.6

Manual Integrations
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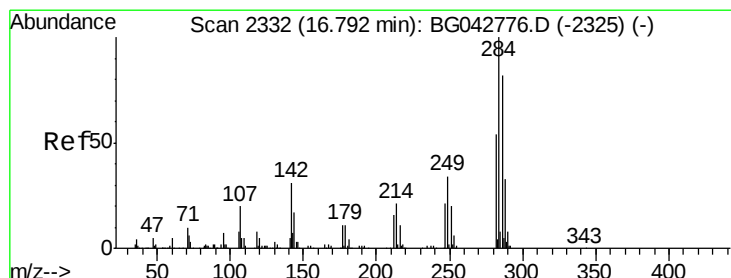
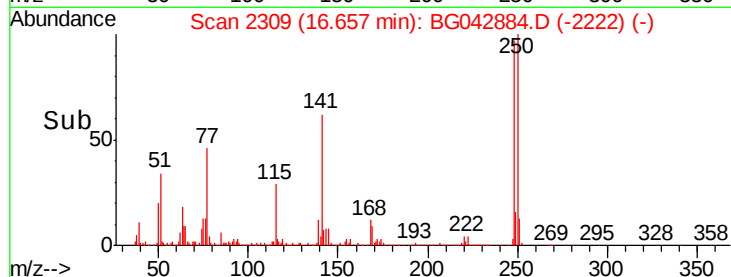
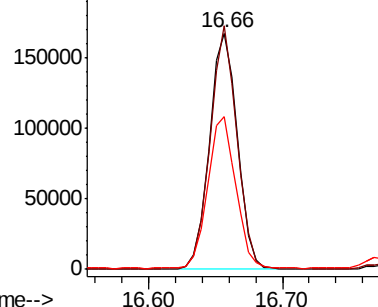


Abundance

Ion 248.00 (247.70 to 248.70): E

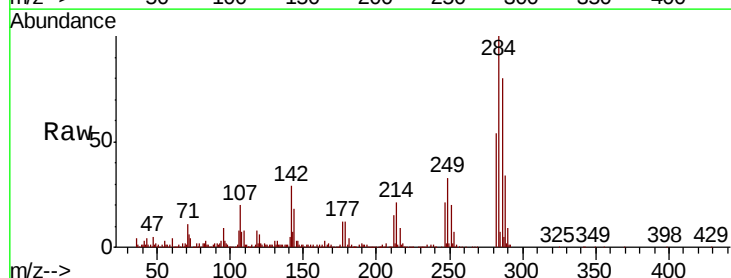
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 49.087 ng
 RT: 16.77 min Scan# 2329
 Delta R.T. -0.02 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	24.7	37.1
249	32.6	27.0	40.4

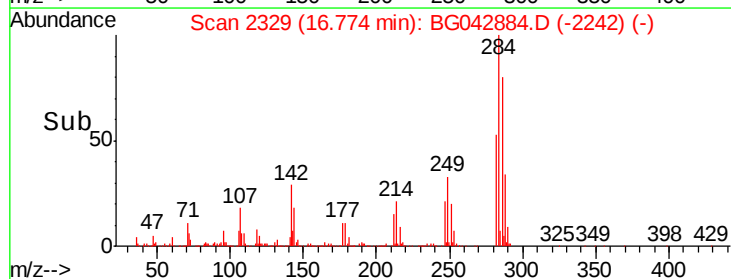
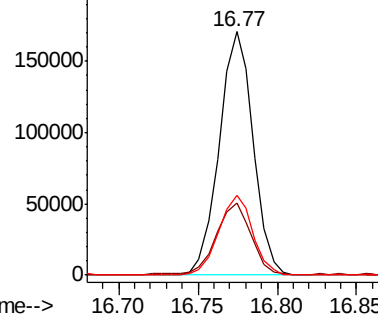


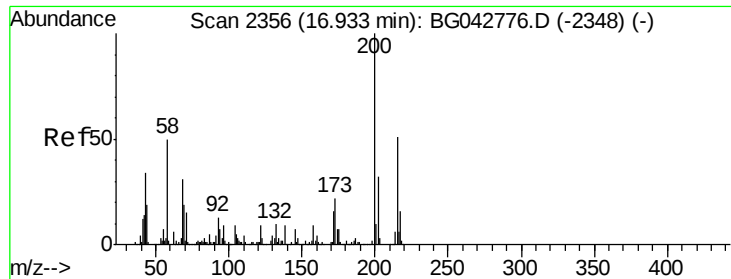
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





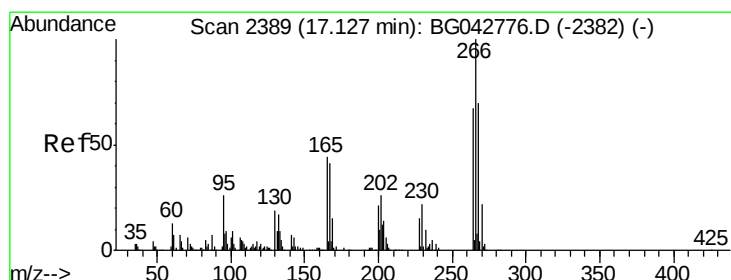
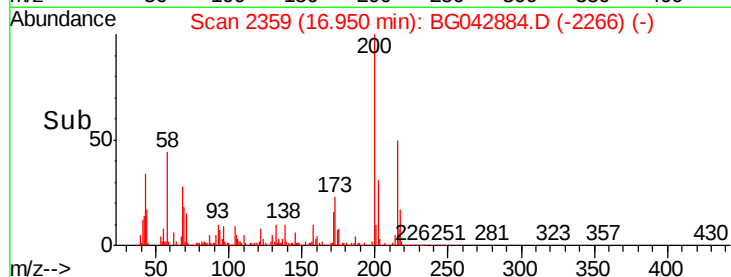
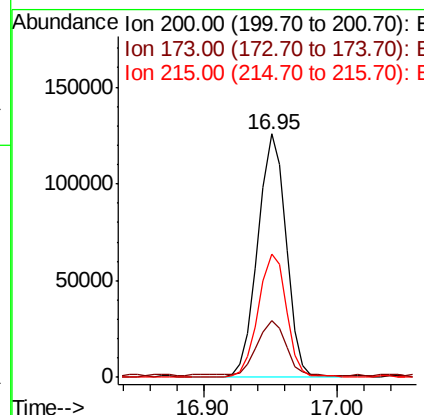
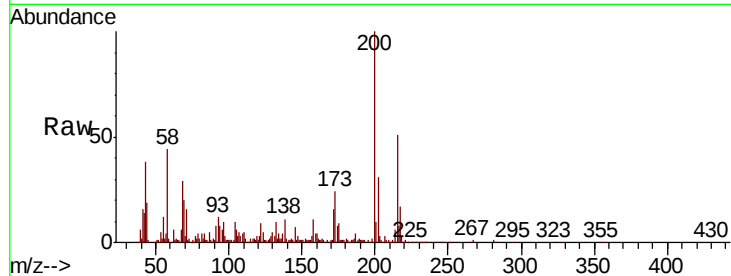
#69
Atrazine
Concen: 49.310 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	184662		
173	23.5	2.5	42.5	
215	50.5	31.0	71.0	

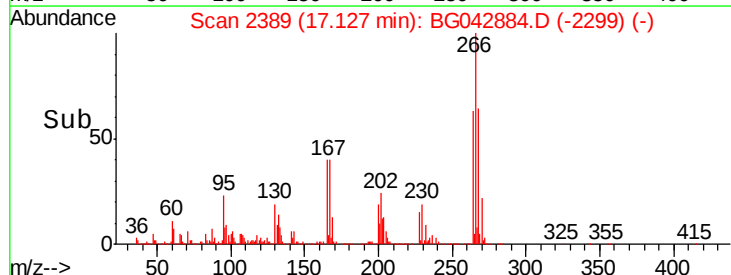
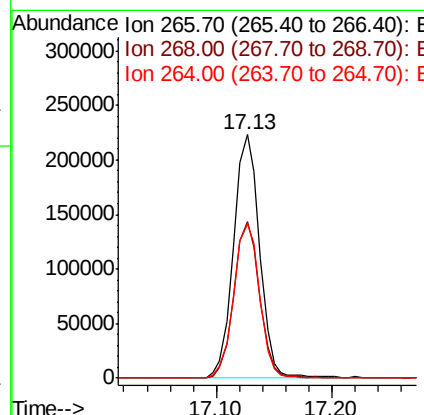
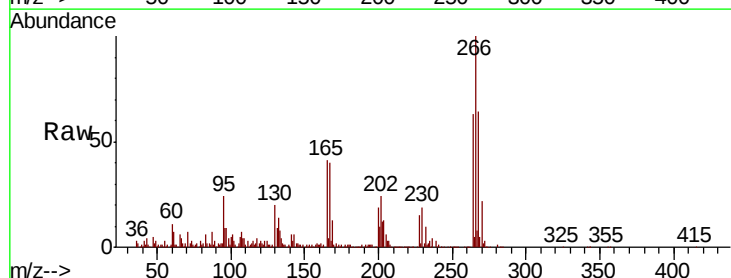
Manual Integrations
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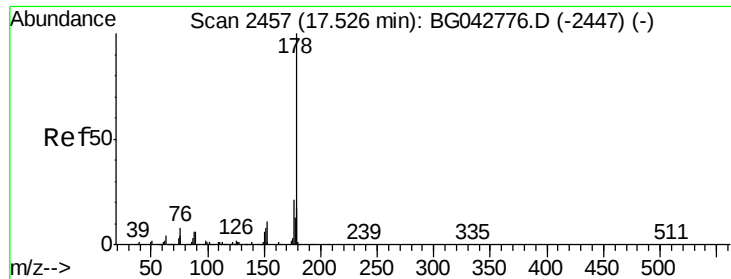
mohammad
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#70
Pentachlorophenol
Concen: 113.870 ng
RT: 17.13 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	349144		
268	64.1	56.2	84.4	
264	63.4	53.4	80.2	





#71

Phenanthrene

Concen: 48.924 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

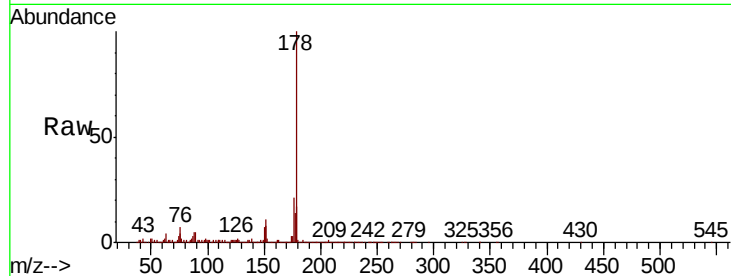
ClientSampleId :

VE-4-11MSD

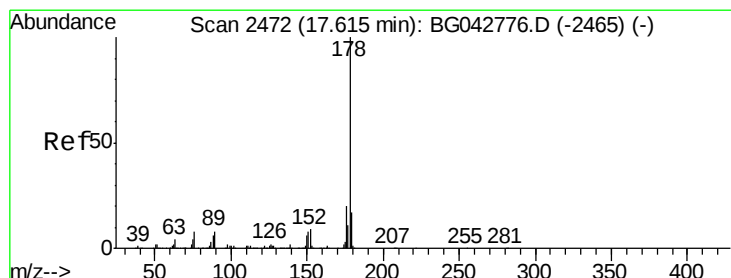
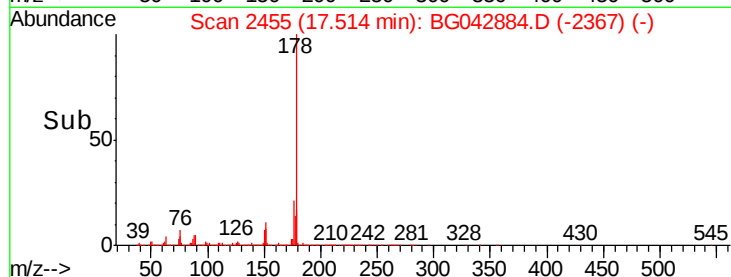
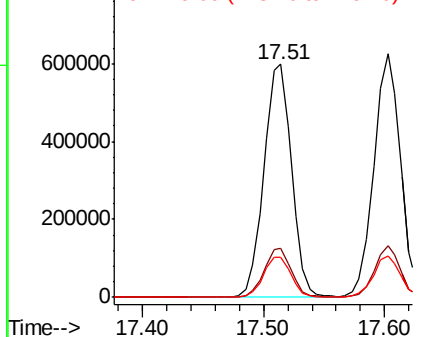
Tot Ion:178	Resp:	935051
Ion Ratio	Lower	Upper
178	100	
176	20.9	17.0 25.4
179	17.0	13.6 20.4

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



#72

Anthracene

Concen: 49.911 ng

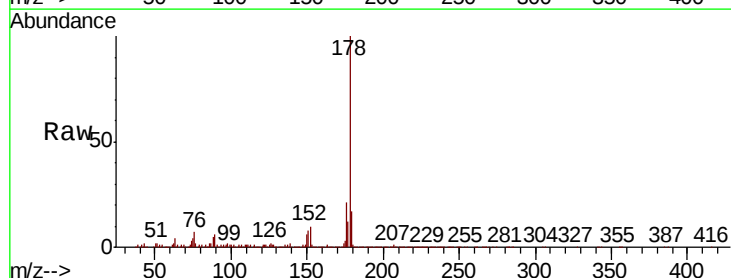
RT: 17.60 min Scan# 2470

Delta R.T. -0.01 min

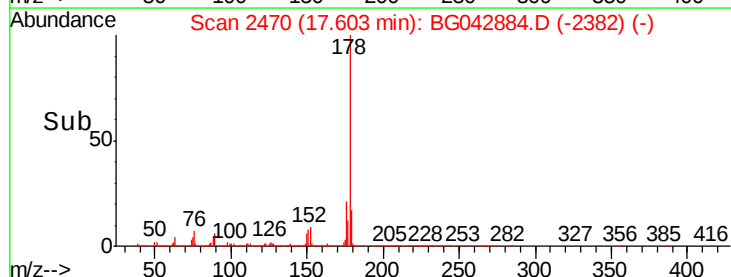
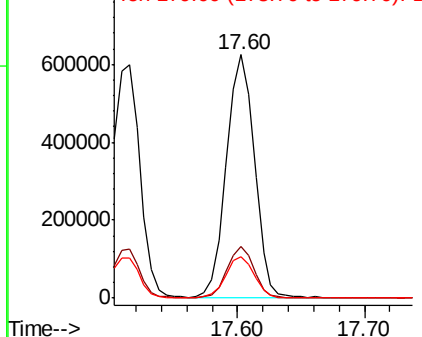
Lab File: BG042884.D

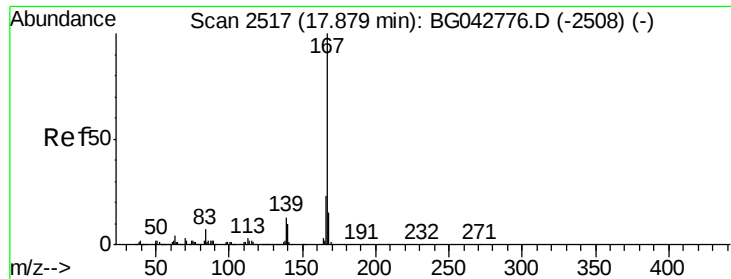
Acq: 18 Sep 2019 1:45

Tgt Ion:178	Resp:	953011
Ion Ratio	Lower	Upper
178	100	
176	21.0	16.2 24.4
179	17.1	13.6 20.4



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





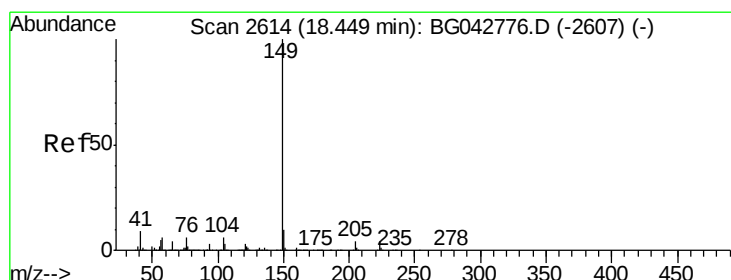
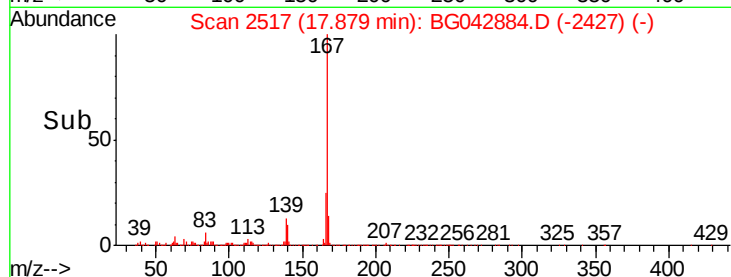
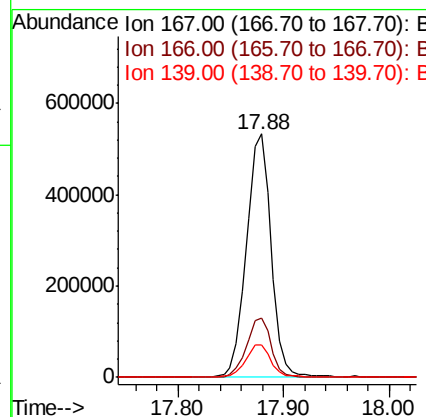
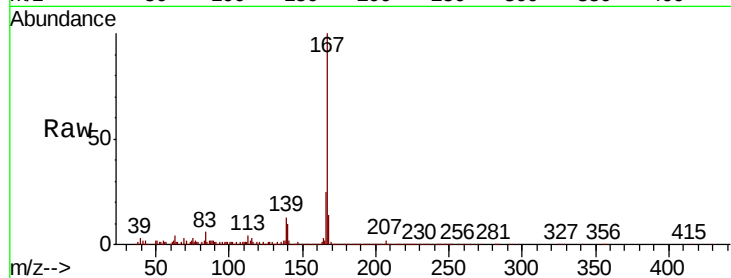
#73
 Carbazole
 Concen: 47.249 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	18.3	27.5
139	13.5	10.2	15.4

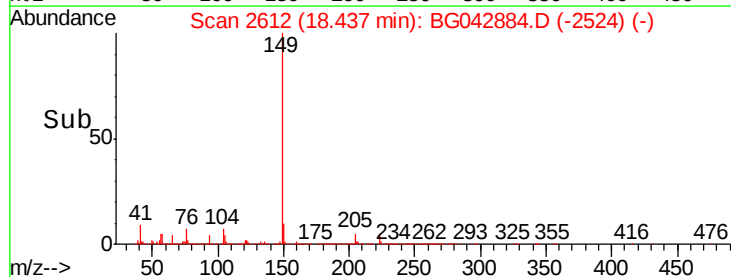
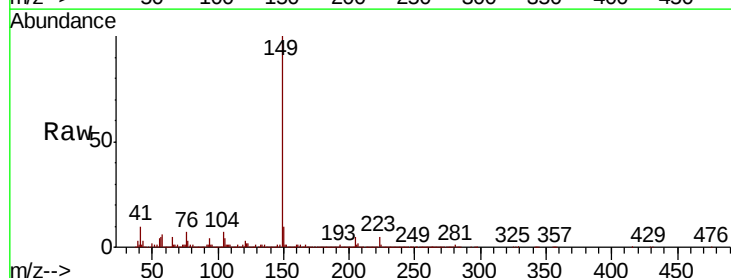
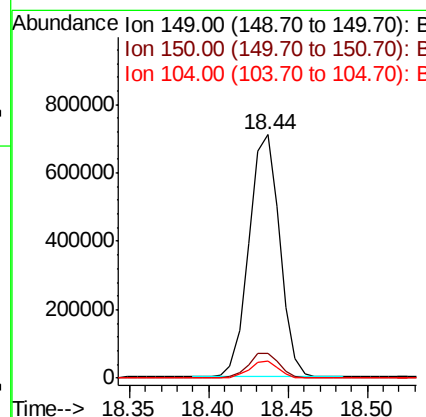
Manual Integrations
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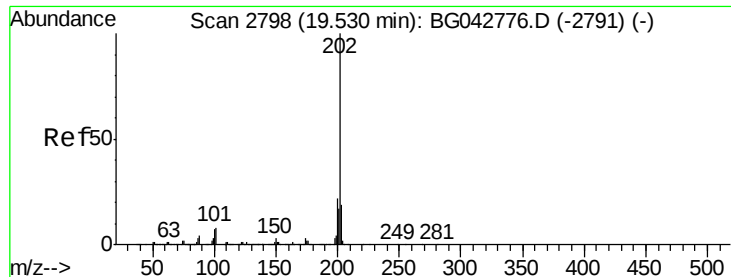
mohammad
 9/18/2019 2:18:49 PM



#74
 Di-n-butylphthalate
 Concen: 43.762 ng
 RT: 18.44 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.0	12.0
104	6.8	5.1	7.7





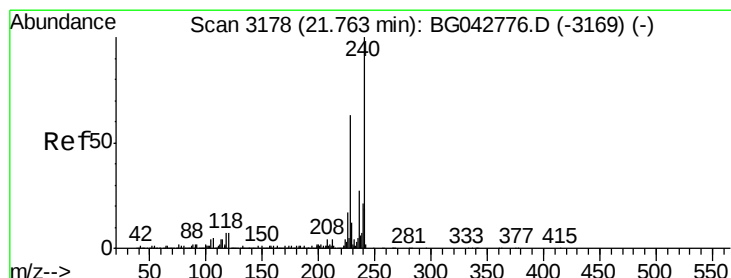
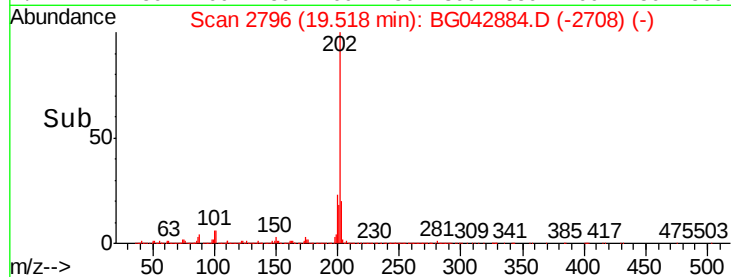
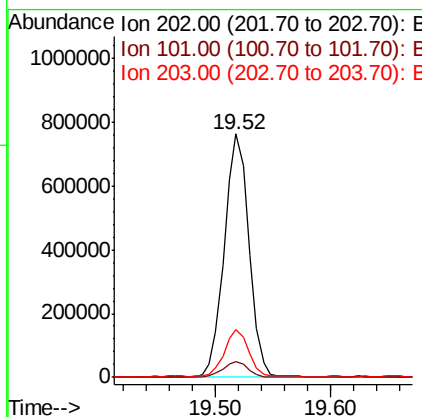
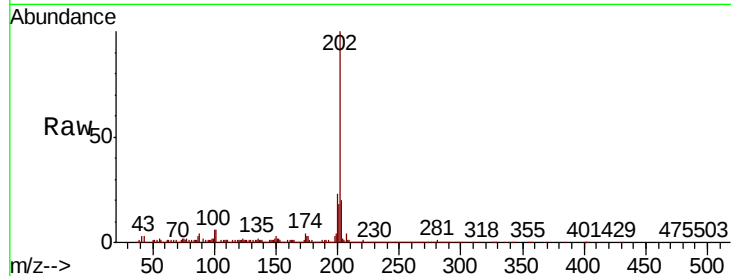
#75
 Fluoranthene
 Concen: 45.250 ng
 RT: 19.52 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion:	202	Resp:	1120841
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	27.8
203	19.7	0.0	39.1

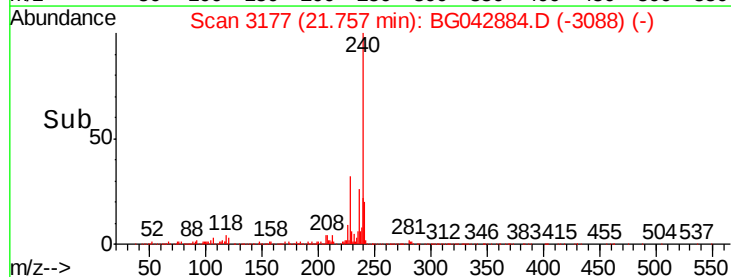
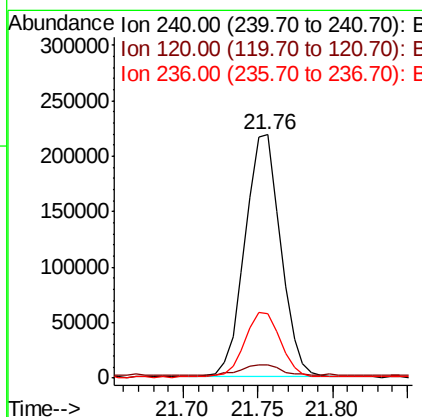
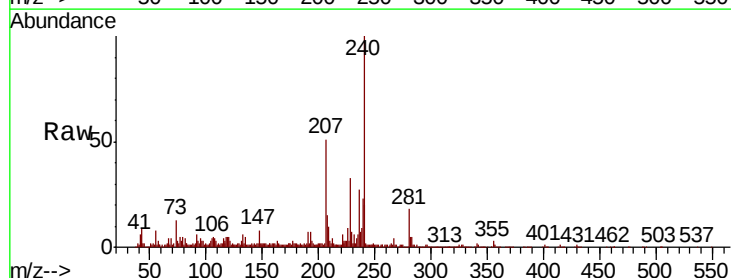
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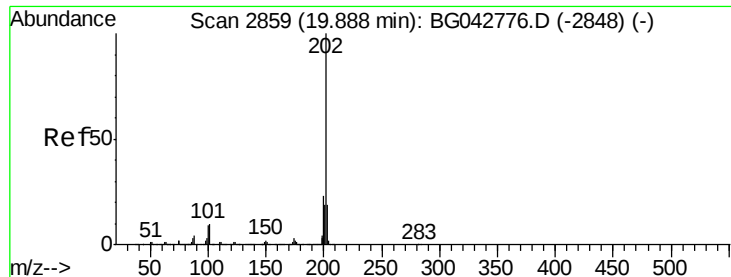
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042884.D
 Acq: 18 Sep 2019 1:45

Tgt Ion:	240	Resp:	362483
Ion Ratio	Lower	Upper	
240	100		
120	5.3	5.4	8.2#
236	26.6	21.7	32.5





#78

Pvrene

Concen: 49.886 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

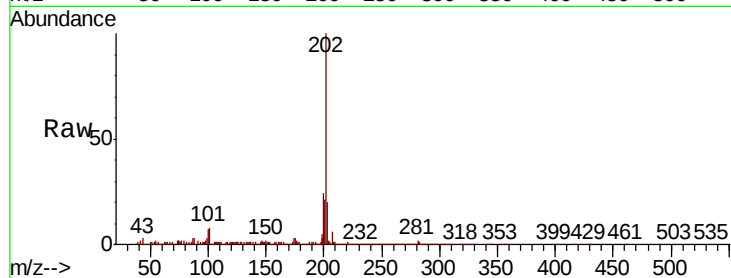
ClientSampleId :

VE-4-11MSD

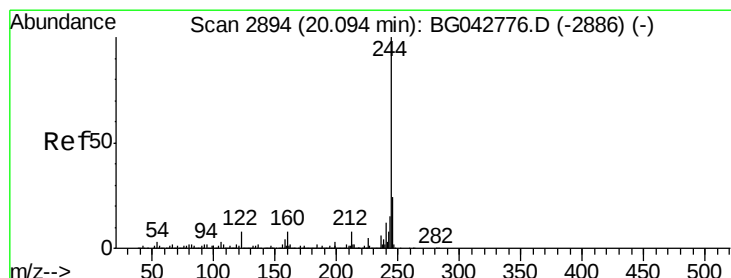
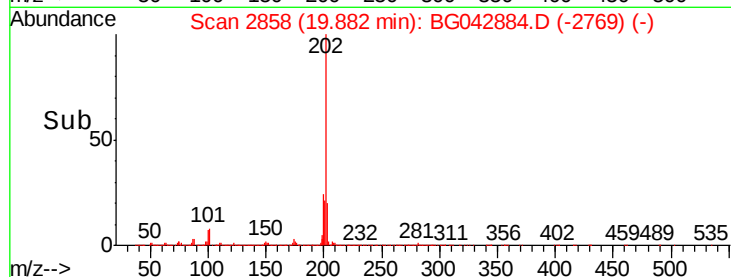
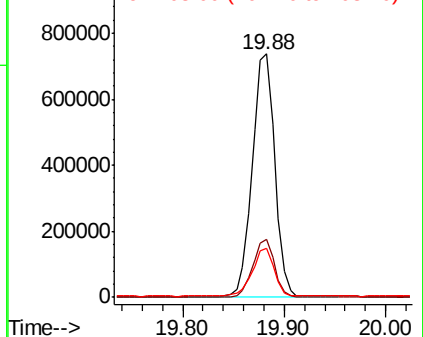
Tot Ion:	202	Resp:	1132104
Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.5	27.7
203	20.2	15.3	22.9

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



#79

Terphenyl-d14

Concen: 98.080 ng

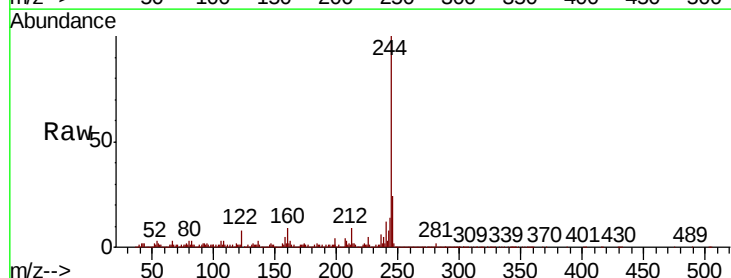
RT: 20.08 min Scan# 2891

Delta R.T. -0.02 min

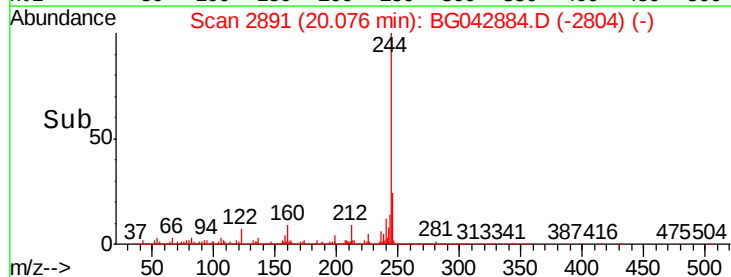
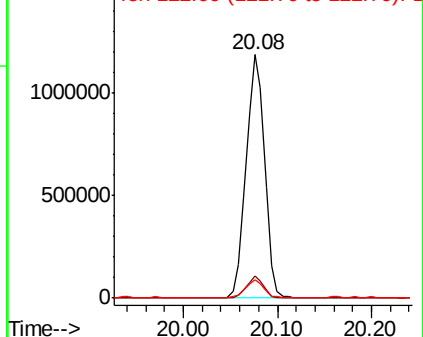
Lab File: BG042884.D

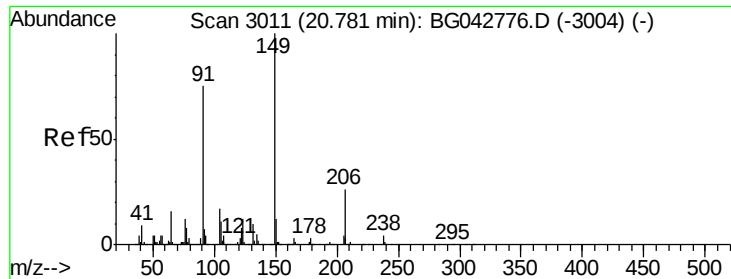
Acq: 18 Sep 2019 1:45

Tgt Ion:	244	Resp:	1604146
Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.6	10.0
122	7.7	6.2	9.4



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





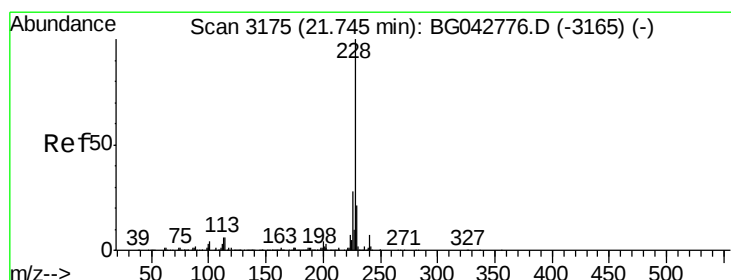
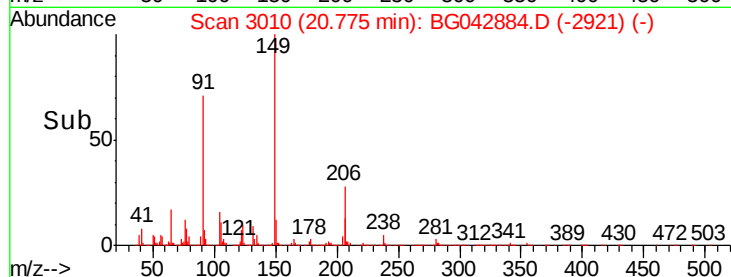
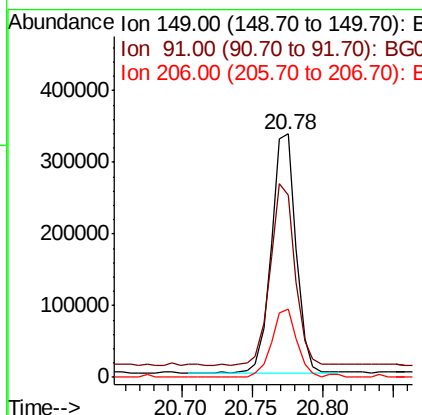
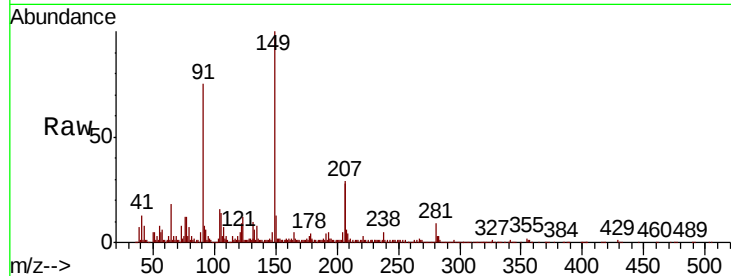
#80
Butylbenzylphthalate
Concen: 44.285 ng
RT: 20.78 min Scan# 3010
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	60.2	90.2
206	27.9	20.6	30.8

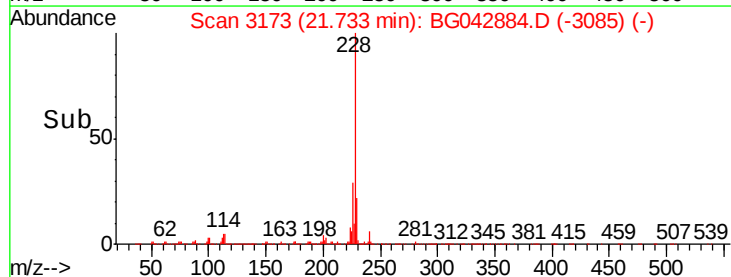
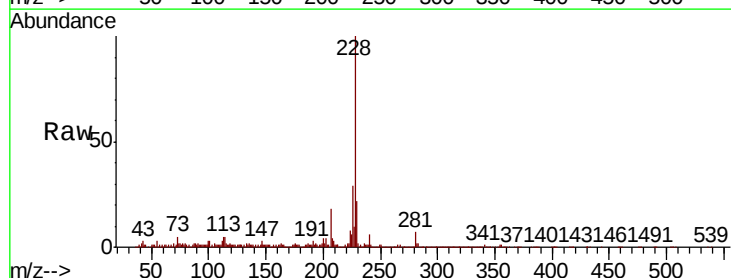
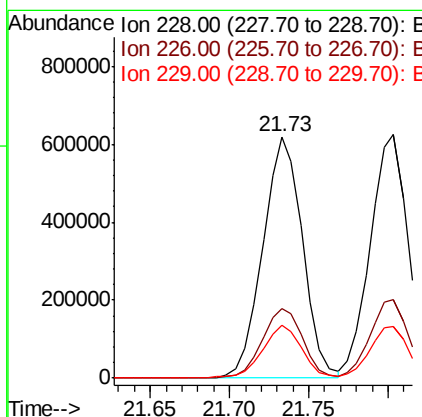
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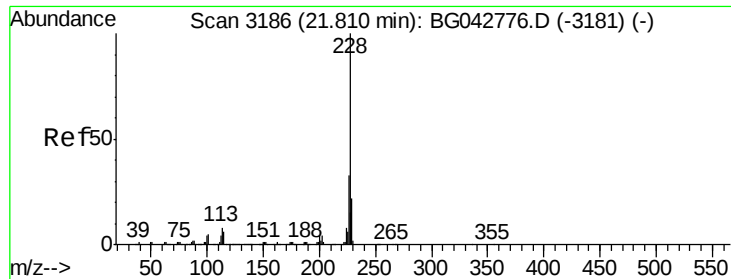
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#81
Benzo(a)anthracene
Concen: 46.337 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.5	33.7
229	21.8	17.2	25.8





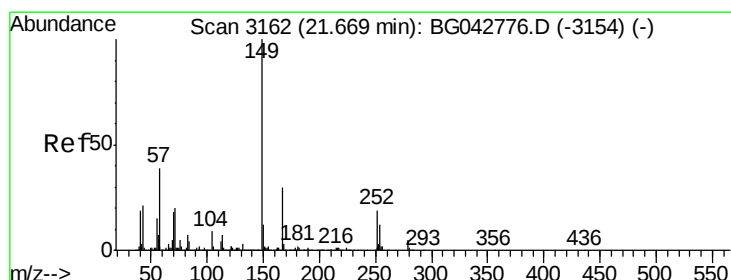
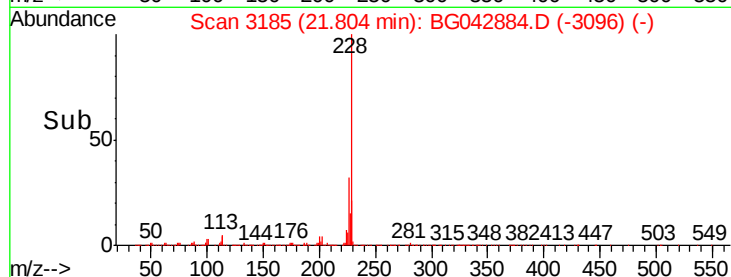
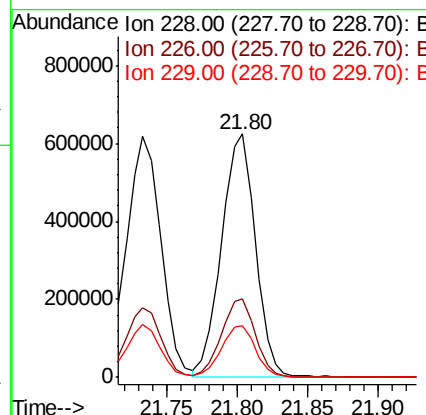
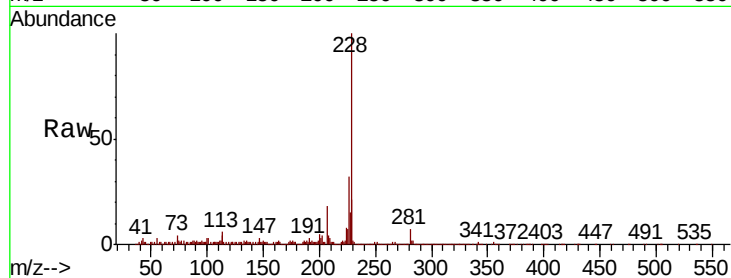
#83
Chrysene
Concen: 47.306 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.0	39.0
229	21.5	17.1	25.7

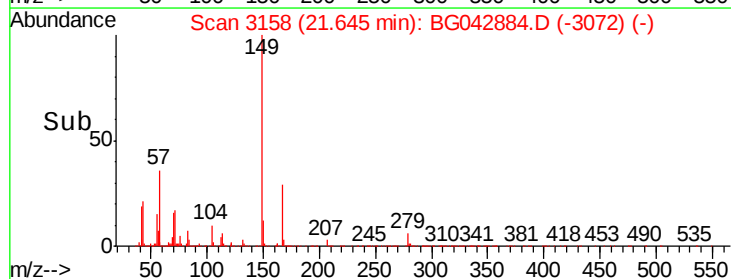
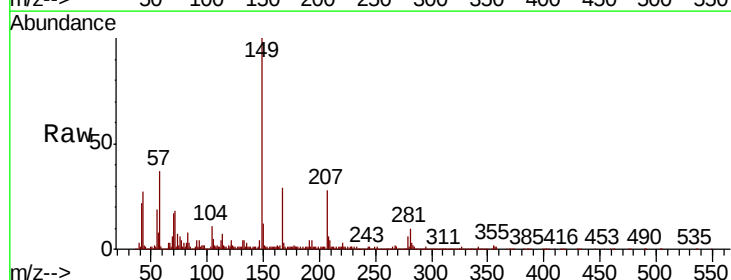
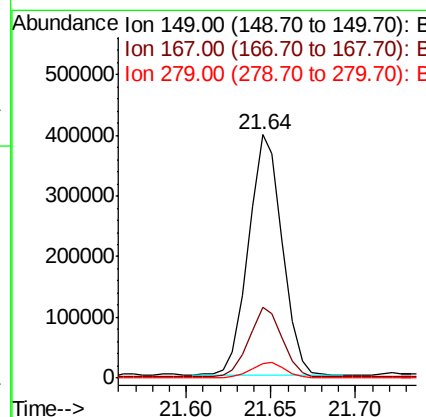
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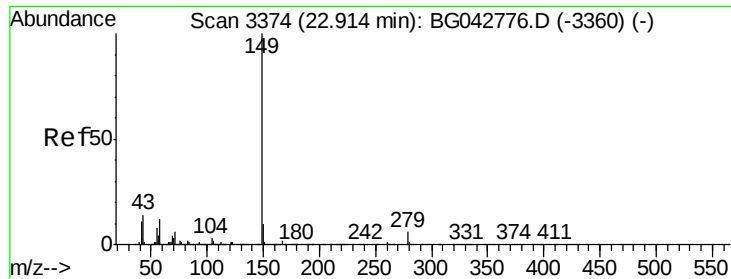
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.751 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	6.2	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 41.774 ng

RT: 22.88 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

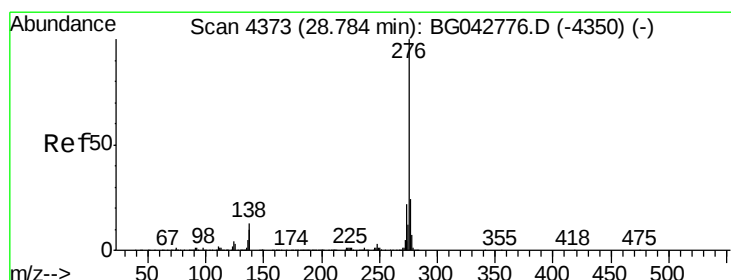
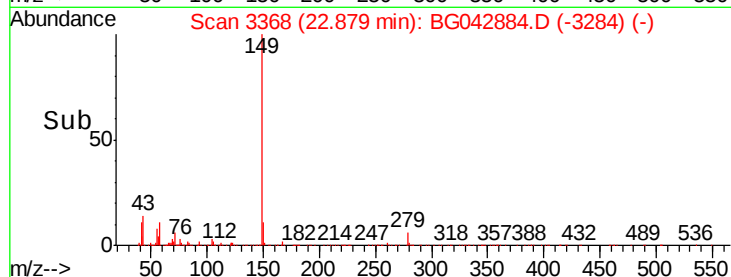
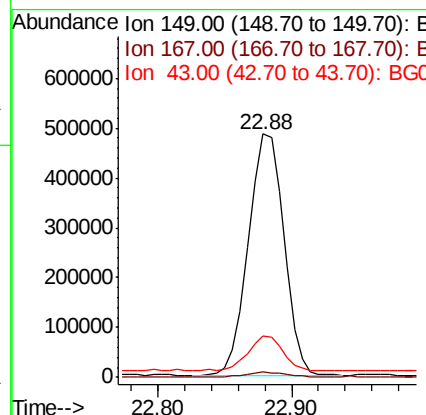
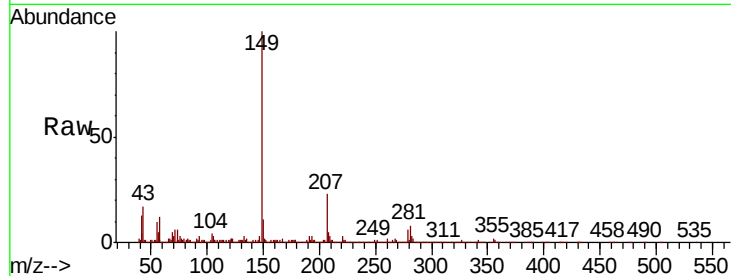
ClientSampleId :

VE-4-11MSD

Tot Ion:	149	Resp:	893684
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	14.0	10.6	15.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.116 ng

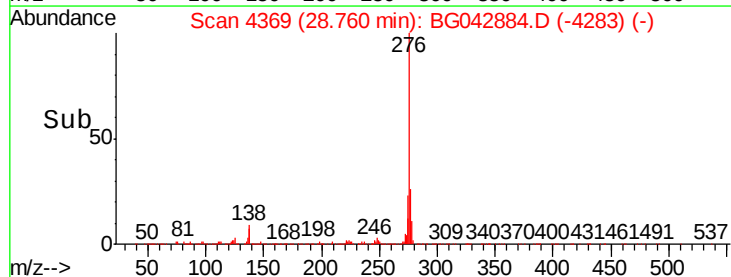
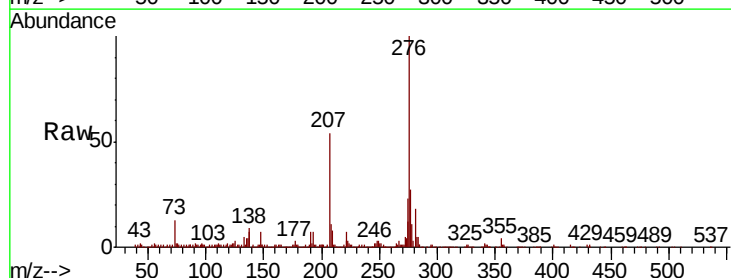
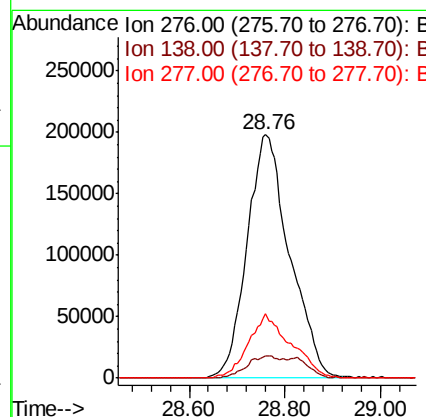
RT: 28.76 min Scan# 4369

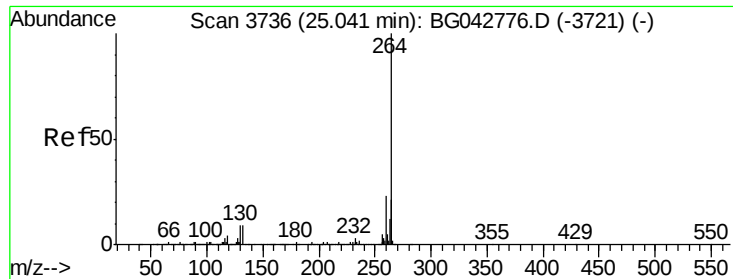
Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion:	276	Resp:	1219704
Ion Ratio	Lower	Upper	
276	100		
138	7.5	9.3	13.9#
277	25.8	17.2	25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

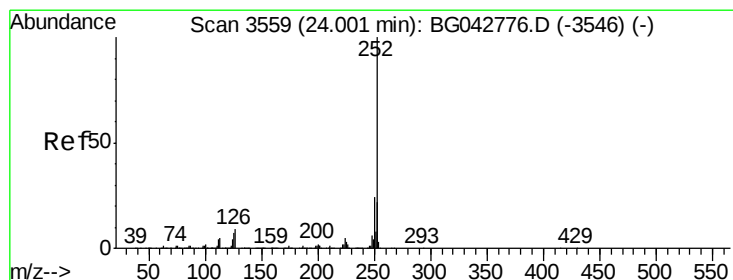
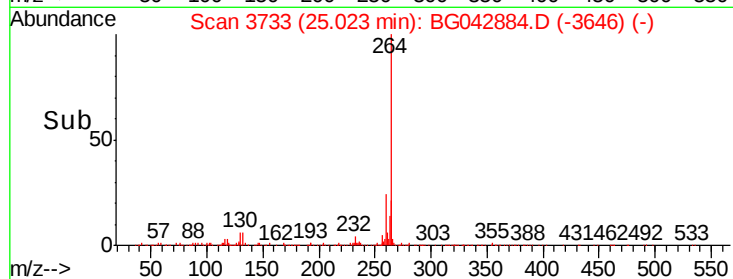
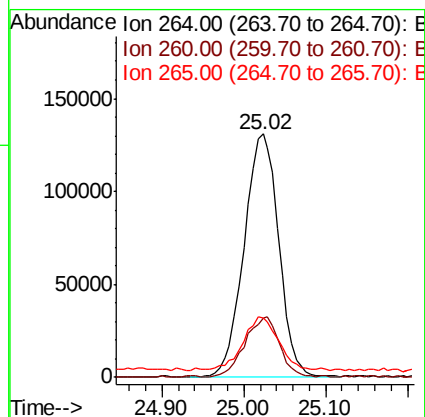
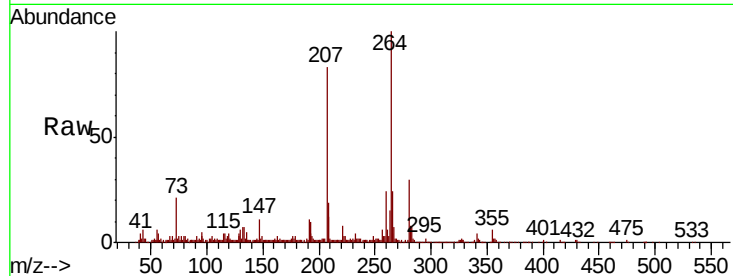
ClientSampleId :

VE-4-11MSD

Tot Ion:	264	Resp:	386384
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.2	27.2
265	24.3	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 47.016 ng

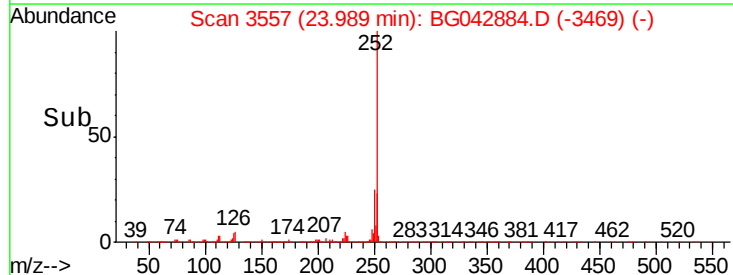
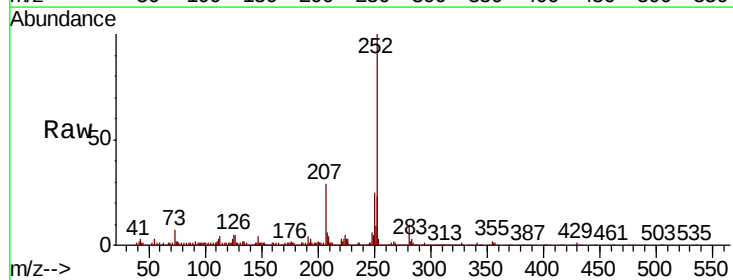
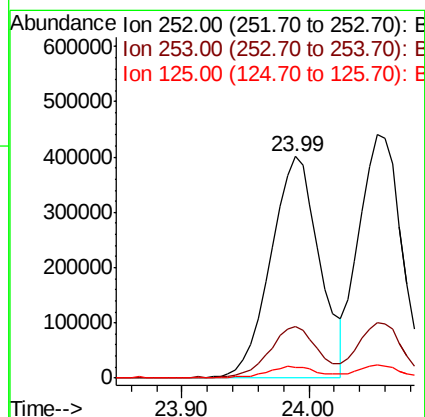
RT: 23.99 min Scan# 3557

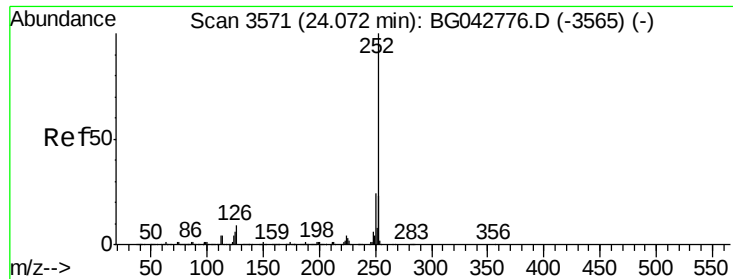
Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Tgt Ion:	252	Resp:	1066689
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	4.8	5.6	8.4#





#89

Benzo(k)fluoranthene

Concen: 47.546 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.02 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

Tot Ion:252 Resp: 1018979

Ion Ratio Lower Upper

252 100

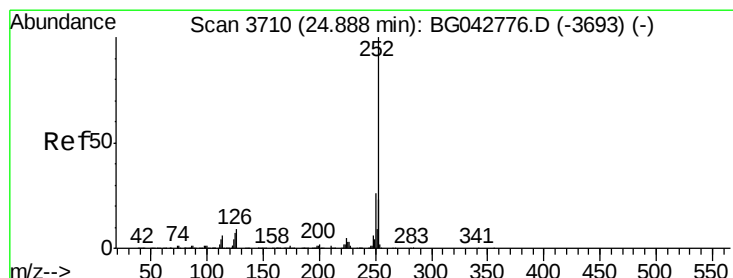
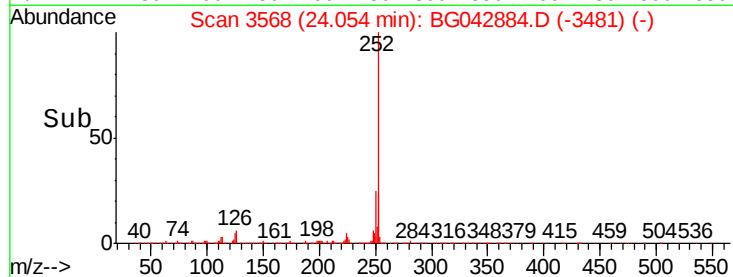
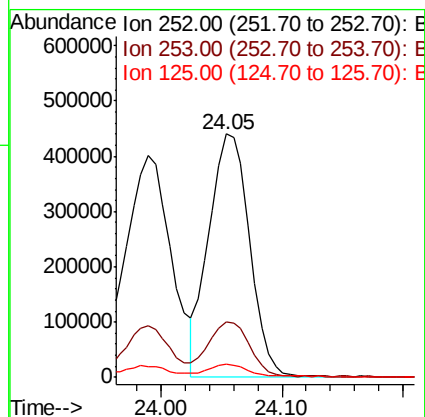
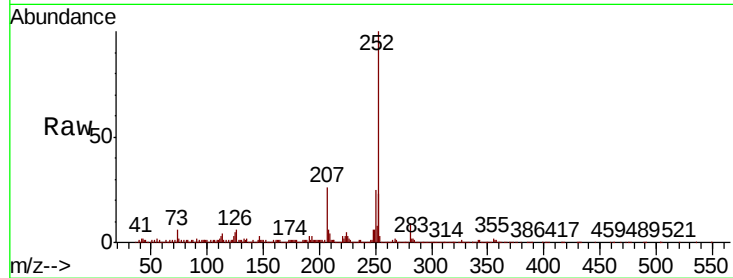
253 22.8 18.2 27.4

125 5.3 5.3 7.9

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#90

Benzo(a)pyrene

Concen: 47.633 ng

RT: 24.88 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG042884.D

Acq: 18 Sep 2019 1:45

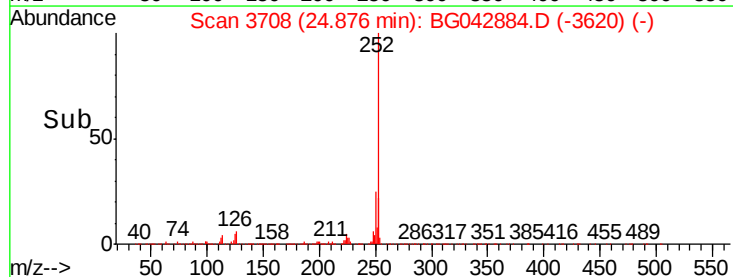
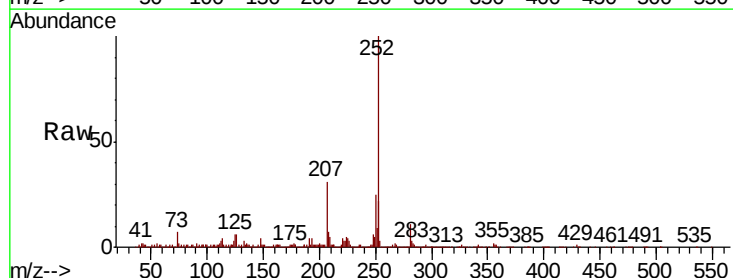
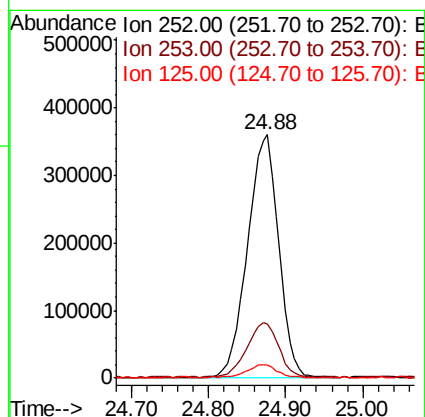
Tgt Ion:252 Resp: 1011908

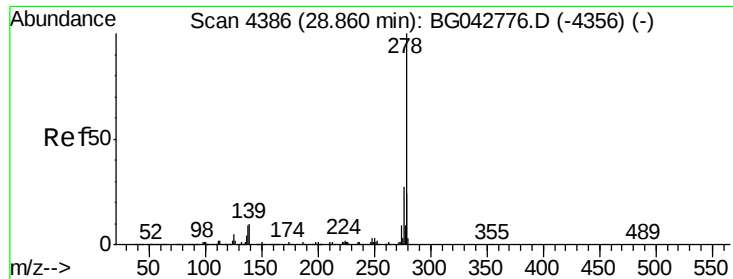
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 5.5 5.7 8.5#





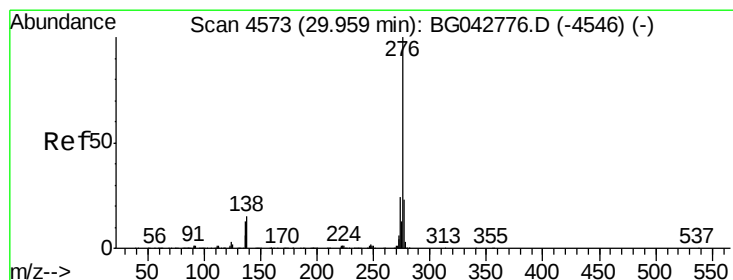
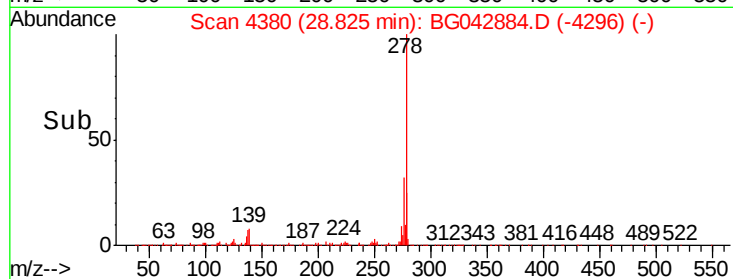
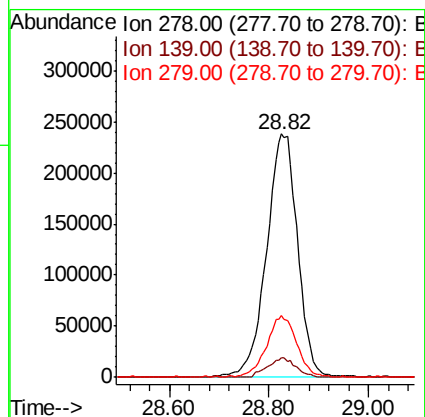
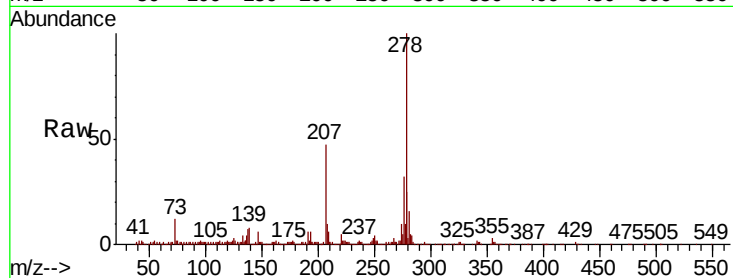
#91
Dibenzo(a,h)anthracene
Concen: 49.132 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.04 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:278 Resp: 1026568
Ion Ratio Lower Upper
278 100
139 7.9 8.2 12.2#
279 25.2 19.4 29.2

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#92
Benzo(g,h,i)perylene
Concen: 49.287 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG042884.D
Acq: 18 Sep 2019 1:45

Tgt Ion:276 Resp: 1004493
Ion Ratio Lower Upper
276 100
277 24.3 18.4 27.6
138 11.0 11.8 17.8#

