

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043736.D
 Acq On : 20 Nov 2019 20:26
 Operator : JU
 Sample : K5916-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Manual Integrations
 APPROVED

mohammad
 11/21/2019 1:05:36 PM

Quant Time: Nov 21 01:08:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31586	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	126300	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	93980	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	219980	20.00	ng	0.00
76) Chrysene-d12	21.63	240	210747	20.00	ng	0.00
87) Perylene-d12	24.81	264	244649	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	268002	155.48	ng	0.00
7) Phenol-d6	7.19	99	377550	152.24	ng	0.00
23) Nitrobenzene-d5	9.15	82	230282	94.00	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	236904	132.46	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	636299	93.56	ng	0.00
79) Terphenyl-d14	19.98	244	1116832	99.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	24604	36.629	ng	# 35
3) Pyridine	3.88	79	48303	28.507	ng	99
4) n-Nitrosodimethylamine	3.78	42	47343	55.370	ng	96
6) Aniline	7.33	93	22143	7.751	ng	94
8) 2-Chlorophenol	7.57	128	102060	53.638	ng	97
9) Benzaldehyde	7.13	77	32762	26.881	ng	96
10) Phenol	7.21	94	125790	55.507	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	81377	46.445	ng	96
12) 1,3-Dichlorobenzene	7.88	146	103298	43.329	ng	97
13) 1,4-Dichlorobenzene	8.02	146	108128	44.828	ng	99
14) 1,2-Dichlorobenzene	8.34	146	104580	44.406	ng	95
15) Benzyl Alcohol	8.24	79	88100	50.582	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	117753	46.219	ng	99
17) 2-Methylphenol	8.46	107	86806	52.544	ng	97
18) Hexachloroethane	9.07	117	36493	41.935	ng	93
19) n-Nitroso-di-n-propylamine	8.79	70	79502	49.610	ng	98
20) 3+4-Methylphenols	8.79	107	120421	53.157	ng	98
22) Acetophenone	8.81	105	153708	47.523	ng	96
24) Nitrobenzene	9.19	77	117772	50.465	ng	97
25) Isophorone	9.72	82	224975	50.229	ng	99
26) 2-Nitrophenol	9.91	139	61050	54.185	ng	96
27) 2,4-Dimethylphenol	9.98	122	98463	60.973	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	119518	48.348	ng	97
29) 2,4-Dichlorophenol	10.47	162	110401	53.358	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	120081	46.047	ng	98
31) Naphthalene	10.85	128	314986	49.133	ng	98
32) Benzoic acid	10.19	122	53905	44.525	ng	96
33) 4-Chloroaniline	10.99	127	4182	1.591	ng	# 88
34) Hexachlorobutadiene	11.13	225	83627	43.381	ng	100
35) Caprolactam	11.74	113	36822m	51.673	ng	
36) 4-Chloro-3-methylphenol	12.11	107	124525	55.175	ng	93
37) 2-Methylnaphthalene	12.45	142	240605	48.913	ng	98
38) 1-Methylnaphthalene	12.67	142	230299	49.206	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	153360	44.093	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	172221	94.262	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	103785	50.670	nq	91
44) 2,4,5-Trichlorophenol	13.16	196	112411	54.285	nq	98
46) 1,1'-Biphenyl	13.45	154	330655	46.249	nq	99
47) 2-Chloronaphthalene	13.50	162	257097	47.262	nq	96
48) 2-Nitroaniline	13.71	65	76593	47.109	nq	96
49) Acenaphthylene	14.34	152	427750	50.524	nq	99
50) Dimethylphthalate	14.08	163	361810	49.703	nq	99
51) 2,6-Dinitrotoluene	14.20	165	80842	51.119	nq	98
52) Acenaphthene	14.69	154	255019	49.393	nq	98
53) 3-Nitroaniline	14.54	138	15404	10.089	nq	# 97
54) 2,4-Dinitrophenol	14.75	184	97505	97.031	nq	88
55) Dibenzofuran	15.02	168	414159	49.465	nq	98
56) 4-Nitrophenol	14.88	139	99579	97.322	nq	86
57) 2,4-Dinitrotoluene	14.99	165	114091	50.482	nq	99
58) Fluorene	15.67	166	345988	49.270	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	113485	51.582	nq	98
60) Diethylphthalate	15.43	149	351772	48.094	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	202369	49.399	nq	99
62) 4-Nitroaniline	15.71	138	63188	40.072	nq	96
63) Azobenzene	15.95	77	296876	50.152	nq	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	75030	57.957	nq	95
66) n-Nitrosodiphenylamine	15.87	169	312402	50.301	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	142828	48.246	nq	96
68) Hexachlorobenzene	16.68	284	157342	46.301	nq	95
69) Atrazine	16.83	200	117166	54.293	nq	99
70) Pentachlorophenol	17.03	266	157737	101.869	nq	98
71) Phenanthrene	17.41	178	543722	48.268	nq	98
72) Anthracene	17.50	178	559310	49.626	nq	100
73) Carbazole	17.78	167	469159	45.968	nq	98
74) Di-n-butylphthalate	18.32	149	557142	44.989	nq	99
75) Fluoranthene	19.42	202	664439	45.244	nq	97
77) Benzidine	19.65	184	23430	5.524	nq	# 92
78) Pyrene	19.78	202	665256	50.997	nq	100
80) Butylbenzylphthalate	20.66	149	241479	48.860	nq	95
81) Benzo(a)anthracene	21.61	228	670478	50.790	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	89362	17.502	nq	99
83) Chrysene	21.68	228	640645	48.844	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	356848	50.829	nq	96
85) Di-n-octyl phthalate	22.70	149	604991	50.794	nq	98
86) Indeno(1,2,3-cd)pyrene	28.43	276	822143	49.935	nq	# 93
88) Benzo(b)fluoranthene	23.80	252	695286	50.179	nq	99
89) Benzo(k)fluoranthene	23.87	252	717562	51.442	nq	99
90) Benzo(a)pyrene	24.66	252	647794	48.958	nq	100
91) Dibenzo(a,h)anthracene	28.49	278	697037	51.503	nq	99
92) Benzo(g,h,i)perylene	29.56	276	688693	51.588	nq	98

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



#1

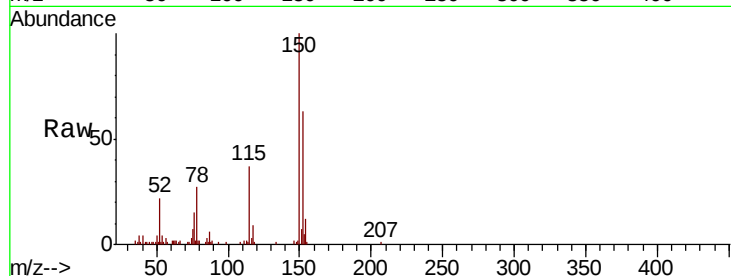
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	116.6	175.0
115	59.4	40.5	60.7

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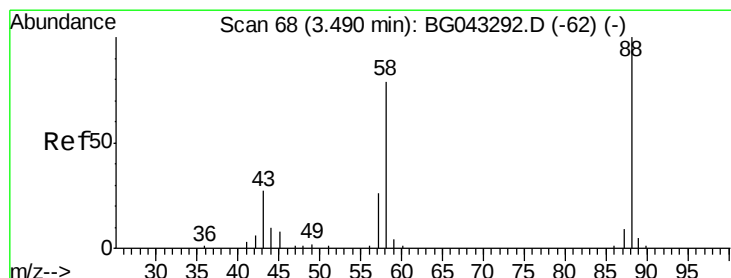
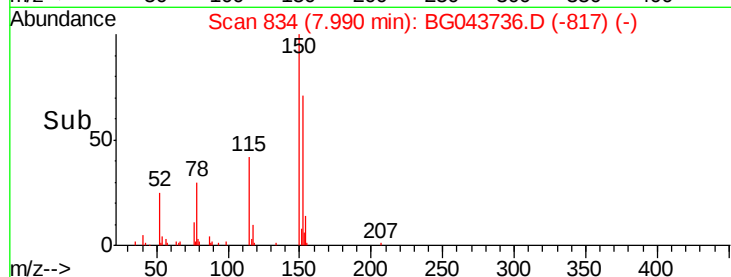
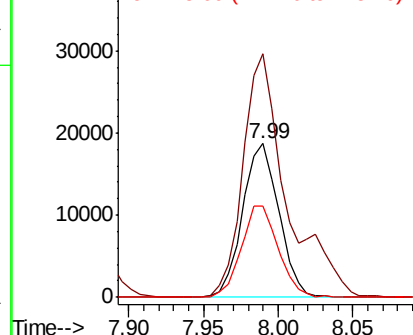


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

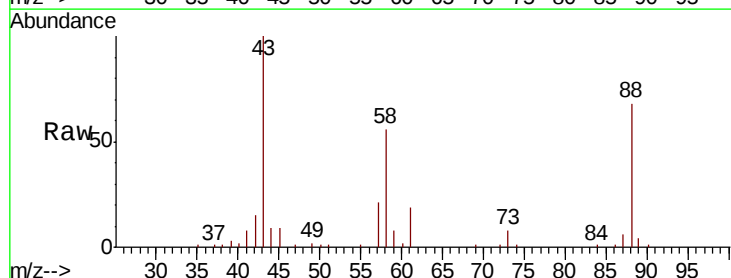
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.629 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.02 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	62.2	93.4
43	145.8	30.1	45.1#

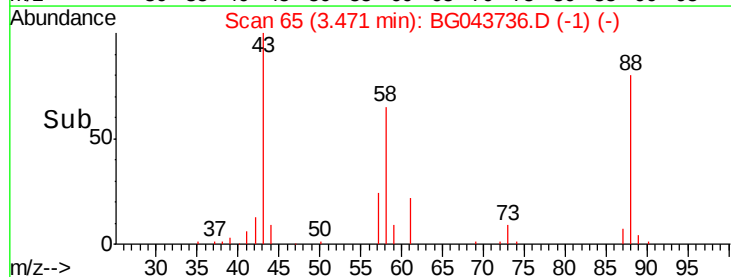
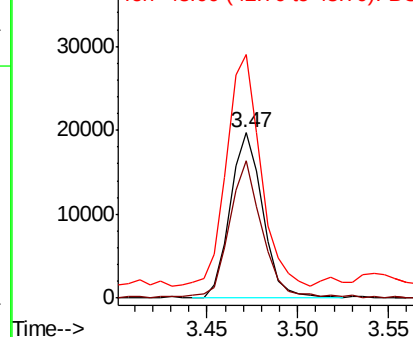


Abundance

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: 28.507 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.02 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

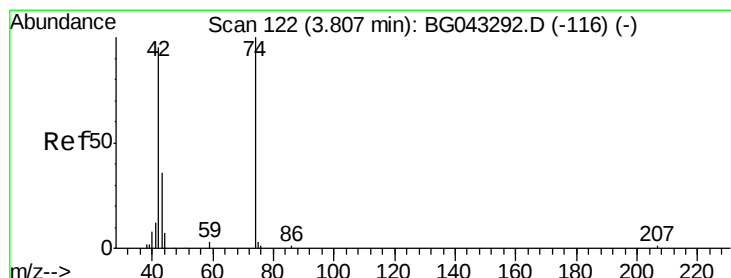
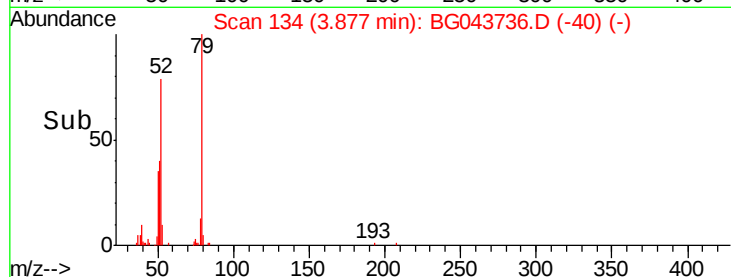
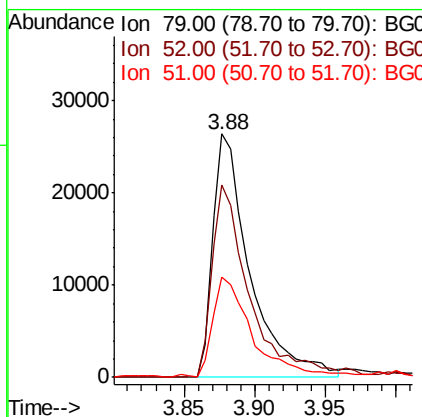
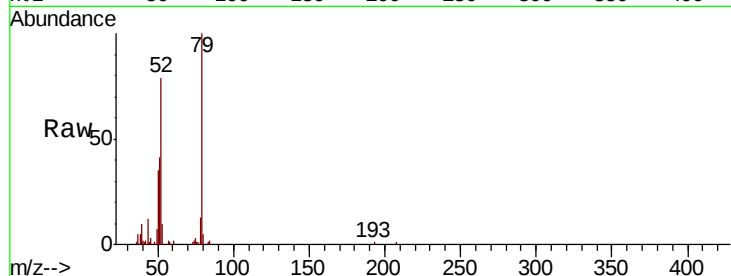
ClientSampleId :

600429836MSD

Tot Ion:	79	Resp:	48303
Ion Ratio	Lower	Upper	
79	100		
52	79.1	63.2	94.8
51	41.0	34.5	51.7

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#4

n-Nitrosodimethylamine

Concen: 55.370 ng

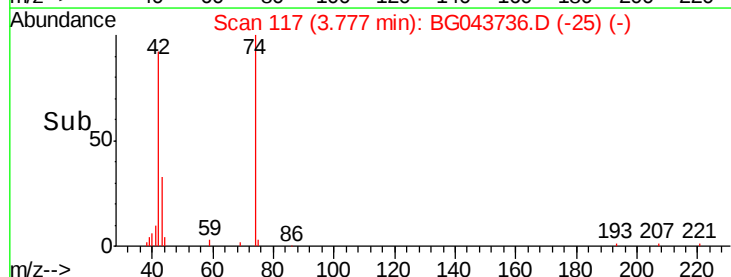
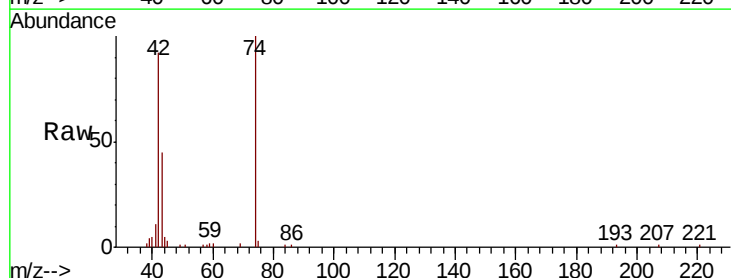
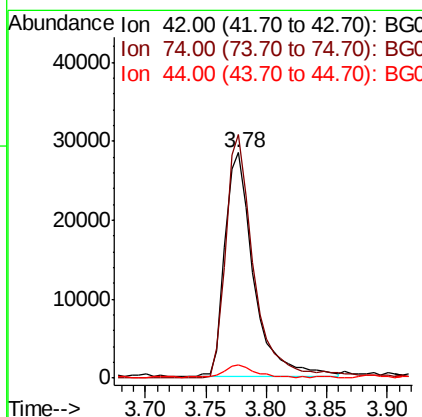
RT: 3.78 min Scan# 117

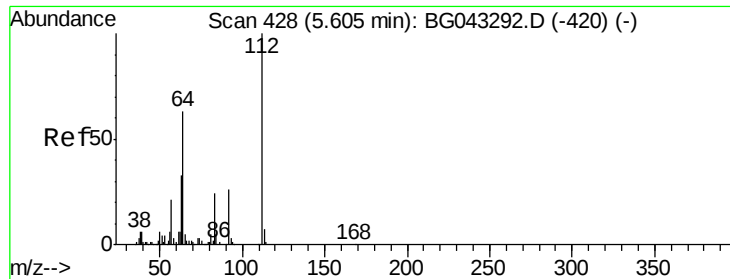
Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	42	Resp:	47343
Ion Ratio	Lower	Upper	
42	100		
74	108.1	83.0	124.6
44	5.9	4.4	6.6





#5

2-Fluorophenol

Concen: 155.480 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

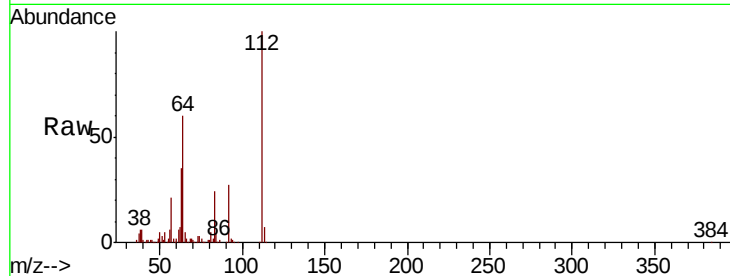
ClientSampleId :

600429836MSD

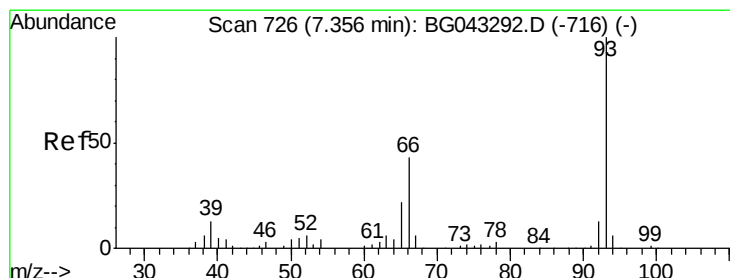
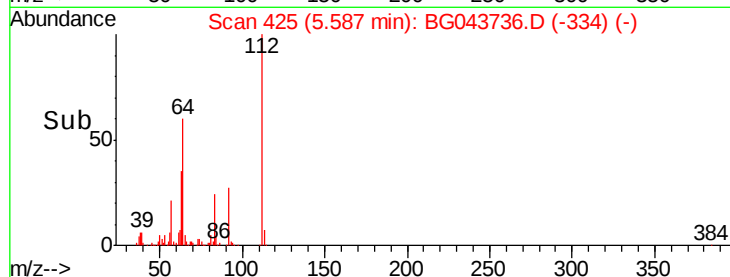
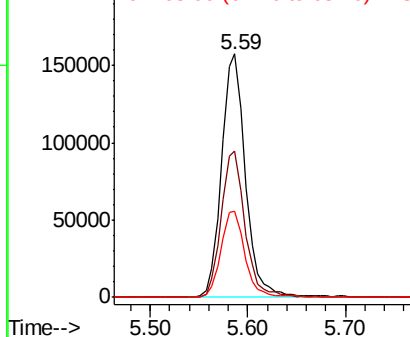
Tot Ion:	112	Resp:	268002
Ion Ratio	Lower	Upper	
112	100		
64	60.4	50.6	75.8
63	35.4	30.5	45.7

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.751 ng

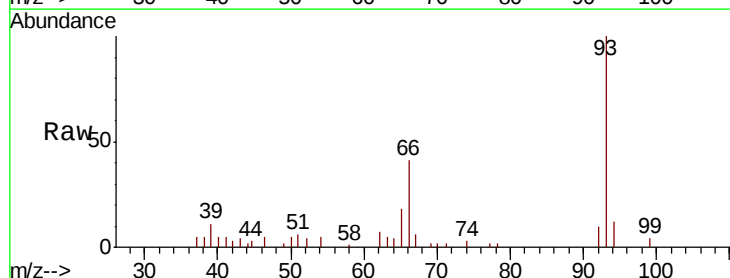
RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

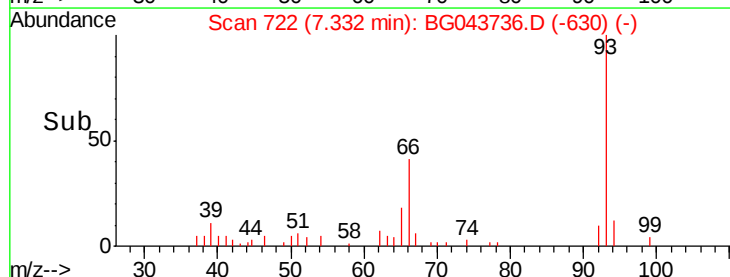
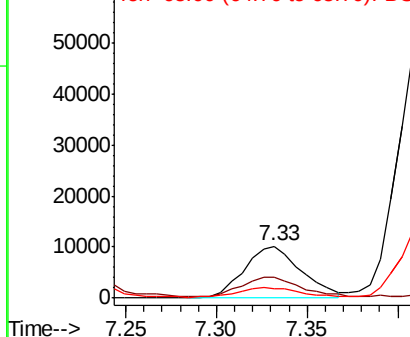
Lab File: BG043736.D

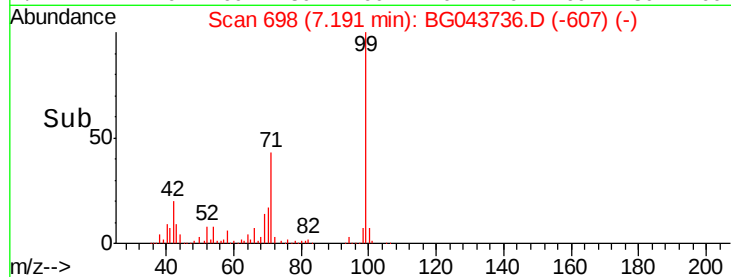
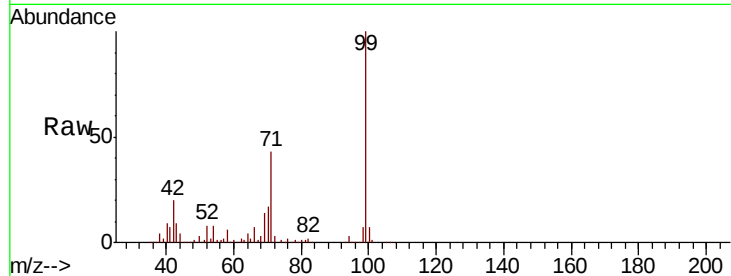
Acq: 20 Nov 2019 20:26

Tgt Ion:	93	Resp:	22143
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.4	53.2
65	18.5	17.1	25.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.238 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tot Ion:	99	Resp:	377550
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.8
71	42.7	34.4	51.6

Instrument :

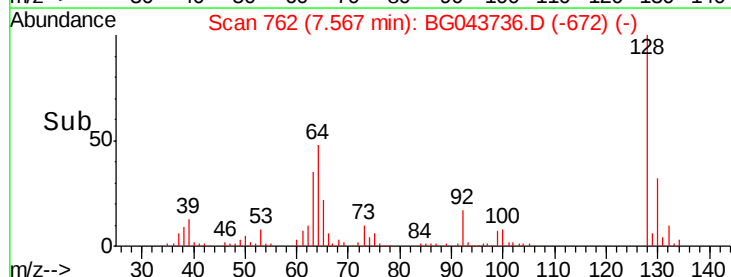
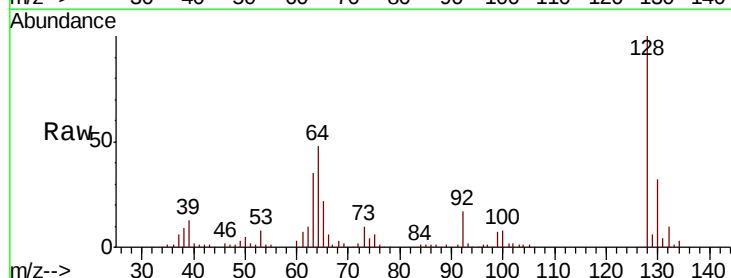
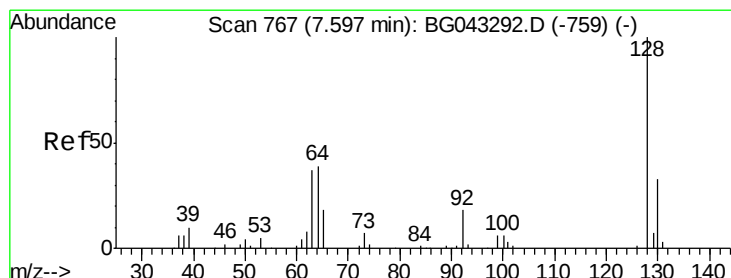
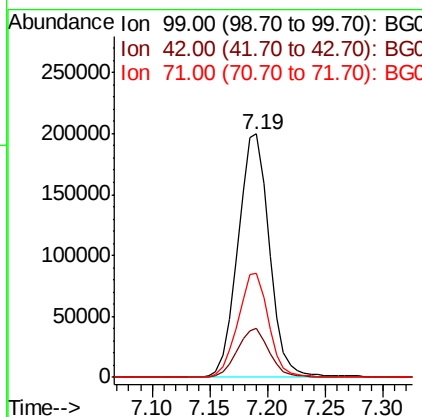
BNA_G

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#8

2-Chlorophenol

Concen: 53.638 ng

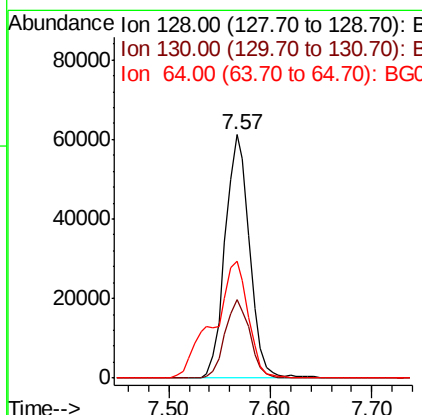
RT: 7.57 min Scan# 762

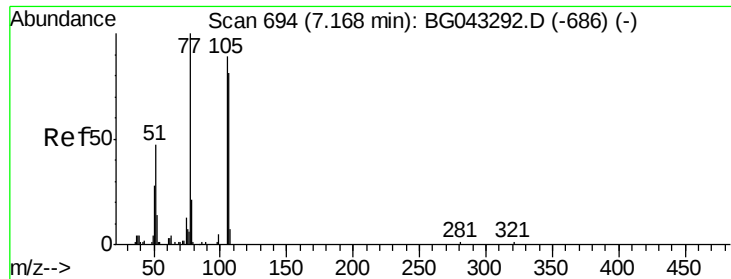
Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	128	Resp:	102060
Ion Ratio	Lower	Upper	
128	100		
130	32.0	14.5	54.5
64	48.1	29.2	69.2





#9

Benzaldehyde

Concen: 26.881 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

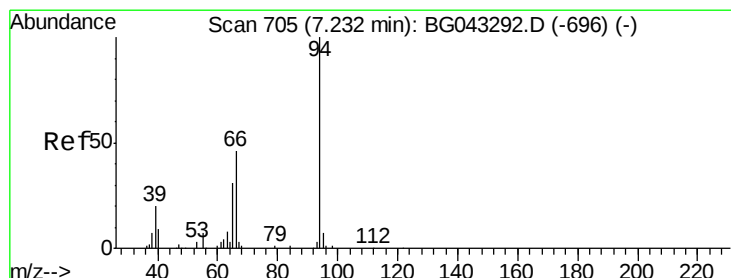
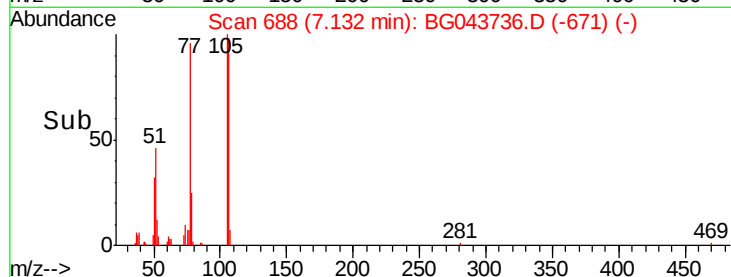
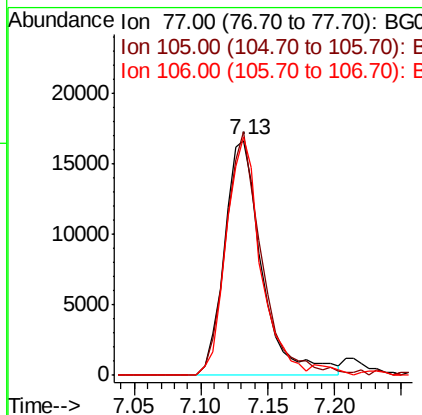
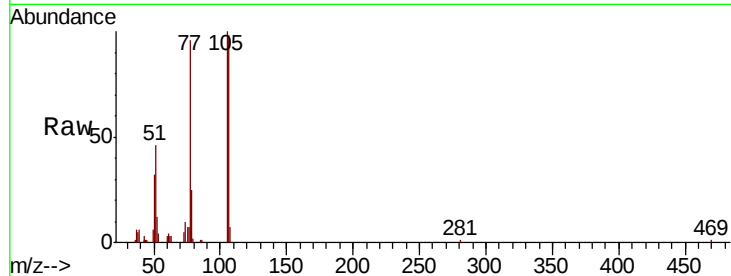
ClientSampleId :

600429836MSD

Tot Ion:	77	Resp:	32762
Ion	Ratio	Lower	Upper
77	100		
105	103.7	84.9	124.9
106	101.4	75.1	115.1

Manual Integrations
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#10

Phenol

Concen: 55.507 ng

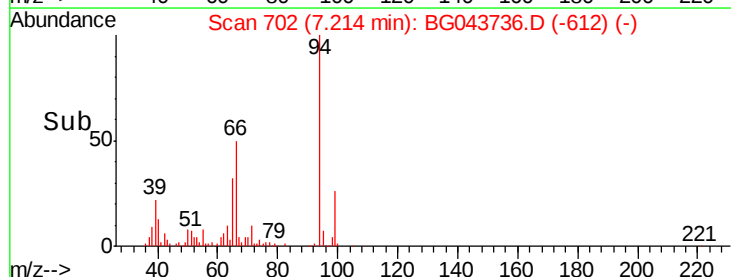
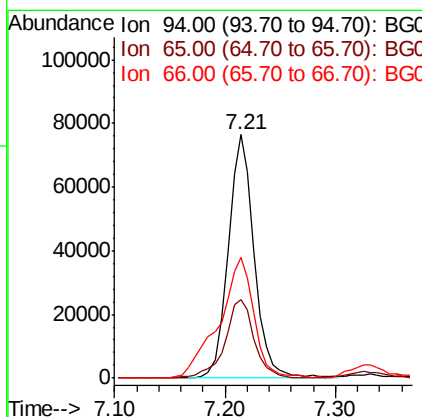
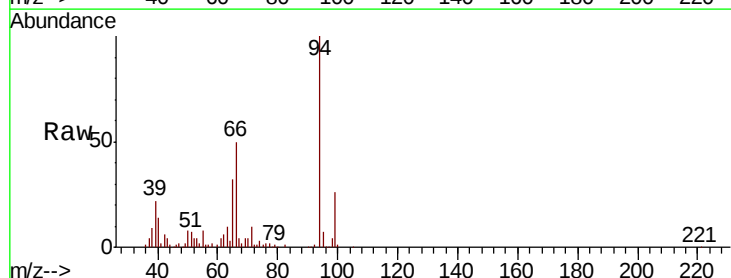
RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	94	Resp:	125790
Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.4	51.4
66	49.8	28.4	68.4





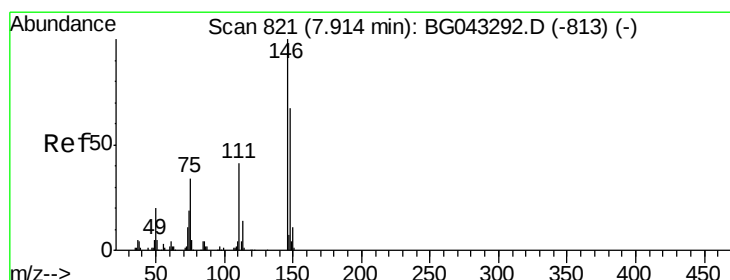
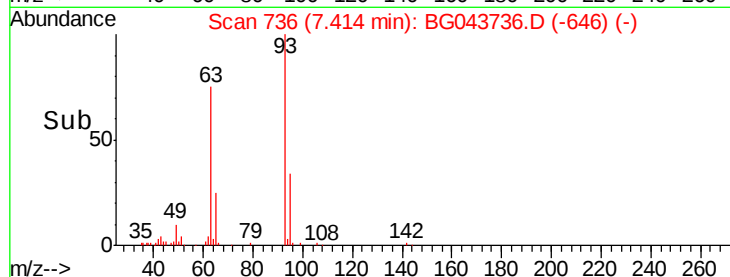
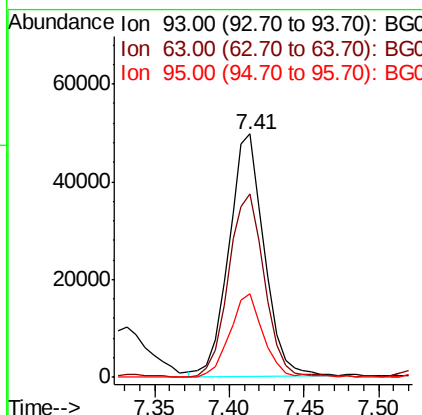
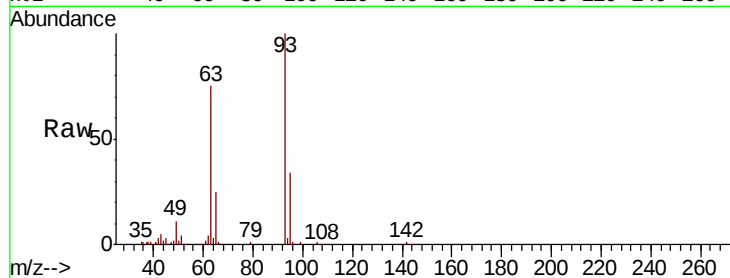
#11
bis(2-Chloroethyl)ether
Concen: 46.445 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	54.9	94.9
95	34.2	7.2	47.2

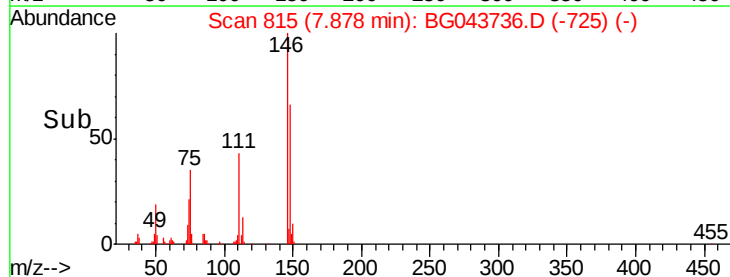
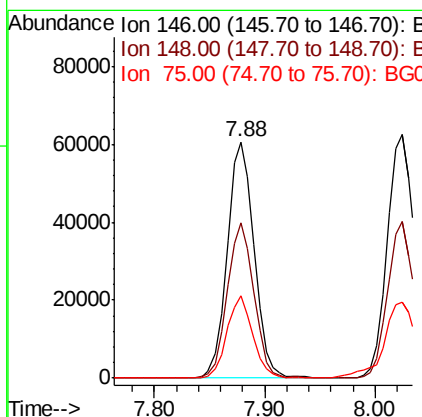
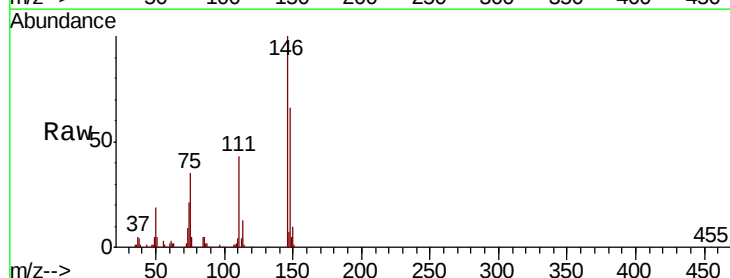
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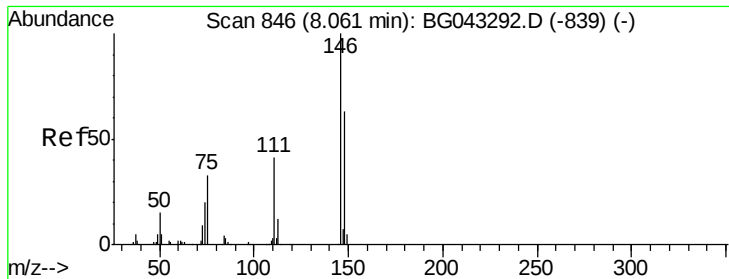
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.329 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
75	34.9	26.2	39.2





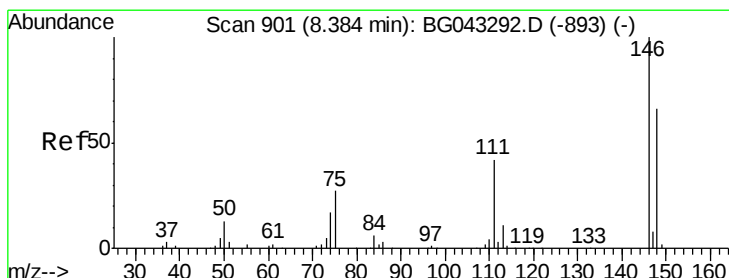
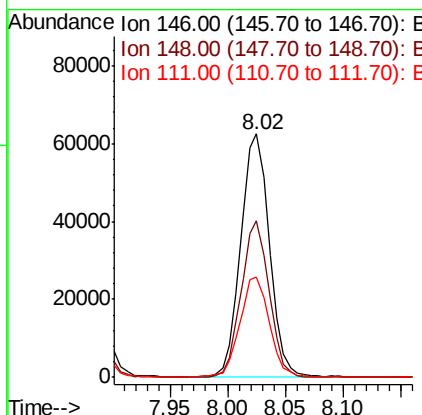
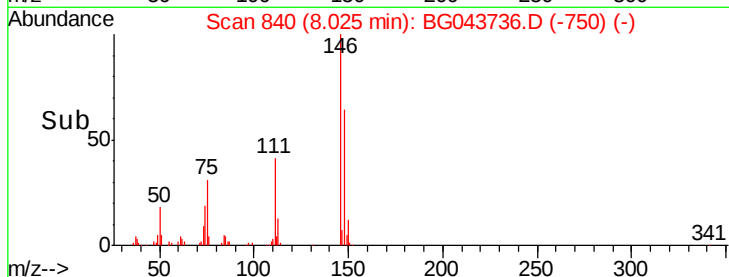
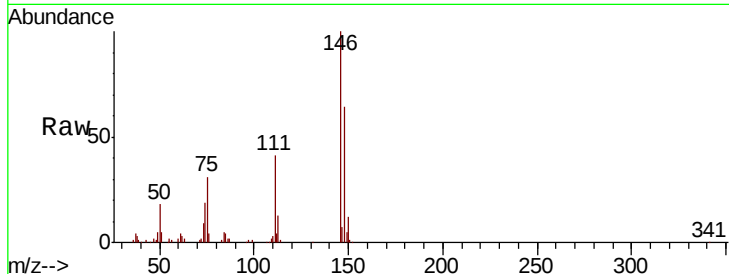
#13
 1,4-Dichlorobenzene
 Concen: 44.828 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	41.2	34.3	51.5

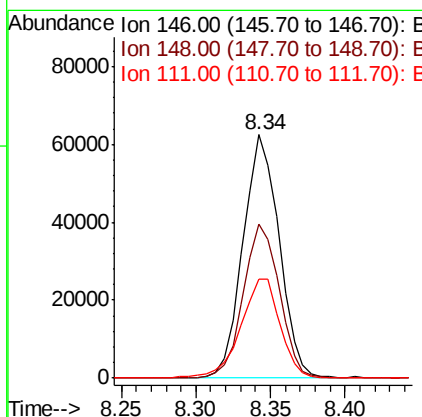
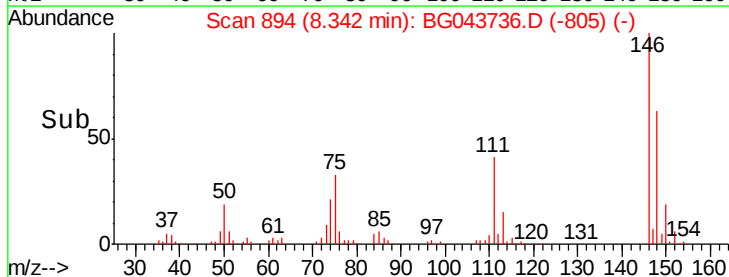
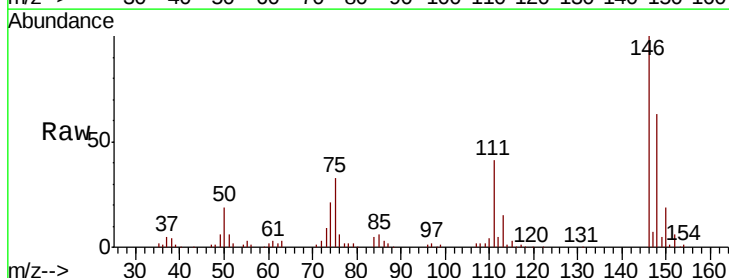
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#14
 1,2-Dichlorobenzene
 Concen: 44.406 ng
 RT: 8.34 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.4	80.2
111	40.9	35.3	52.9





#15

Benzyl Alcohol

Concen: 50.582 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

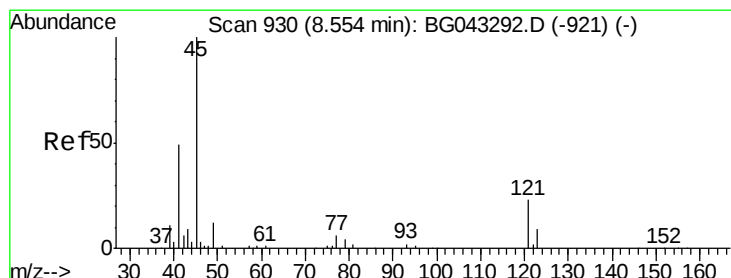
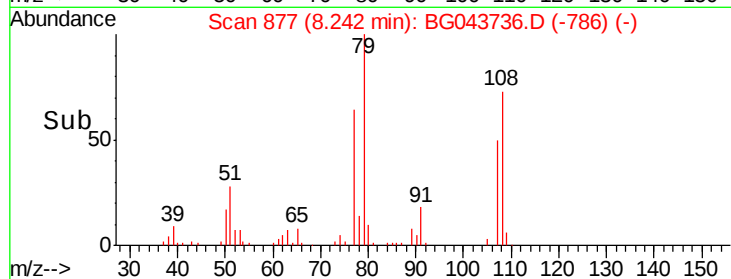
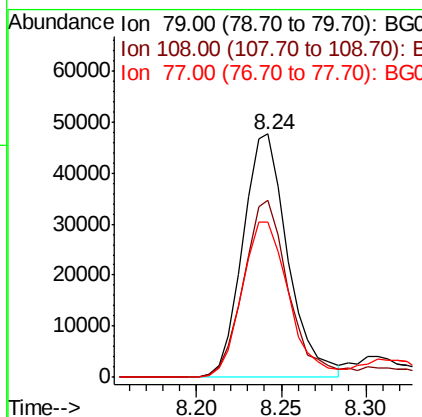
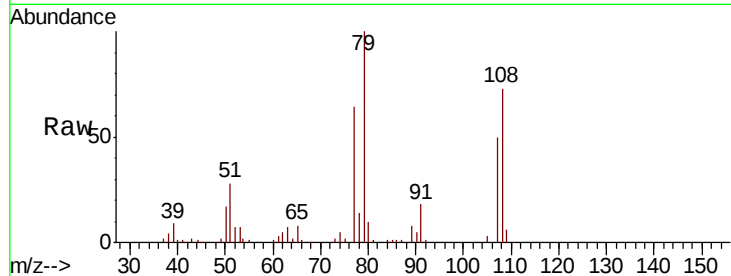
ClientSampleId :

600429836MSD

Tot Ion:	79	Resp:	88100
Ion Ratio	Lower	Upper	
79	100		
108	72.6	56.0	84.0
77	63.6	47.9	71.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.219 ng

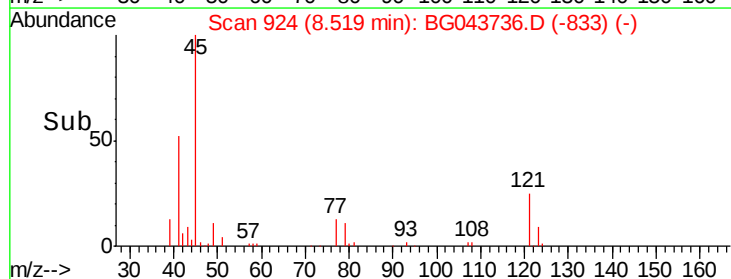
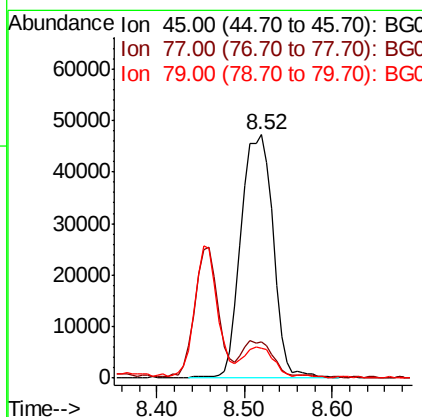
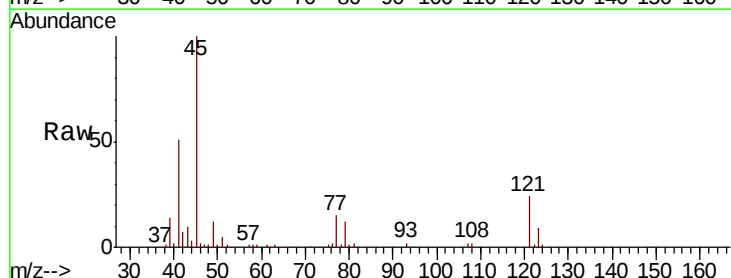
RT: 8.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	45	Resp:	117753
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.2
79	12.5	0.0	32.4





#17

2-Methylphenol

Concen: 52.544 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

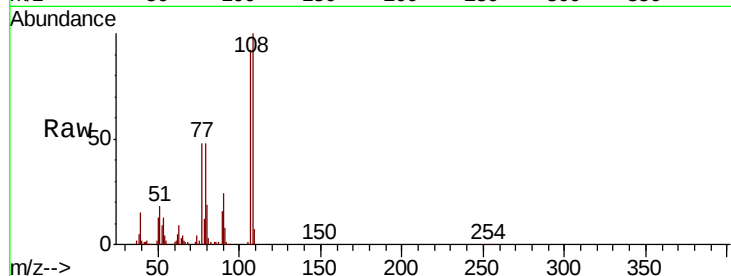
ClientSampleId :

600429836MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	84.7	127.1	
77	52.1	46.2	69.4	
79	51.9	41.0	61.6	

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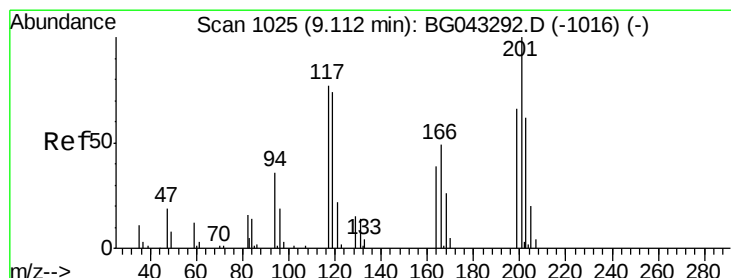
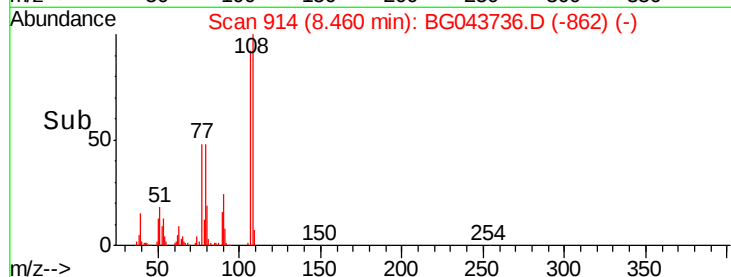
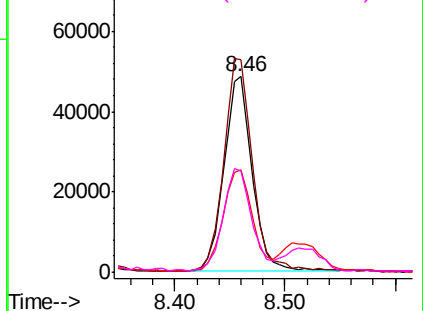
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.935 ng

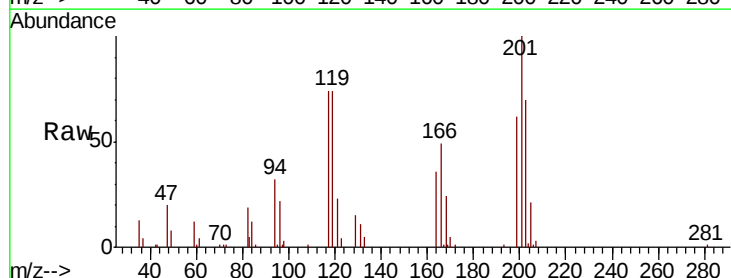
RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	81.7	122.5	
201	134.7	98.6	147.8	

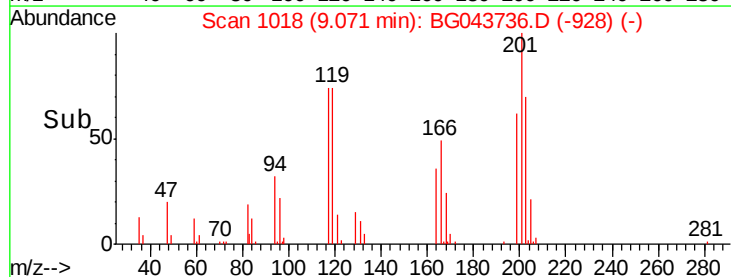
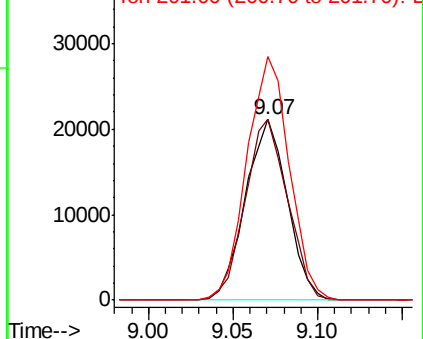


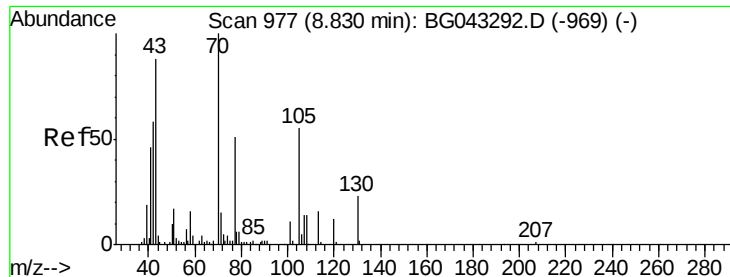
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.610 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

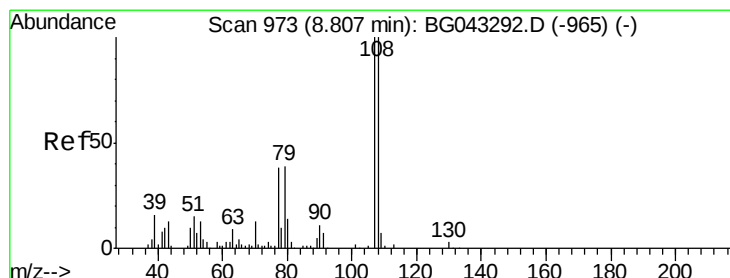
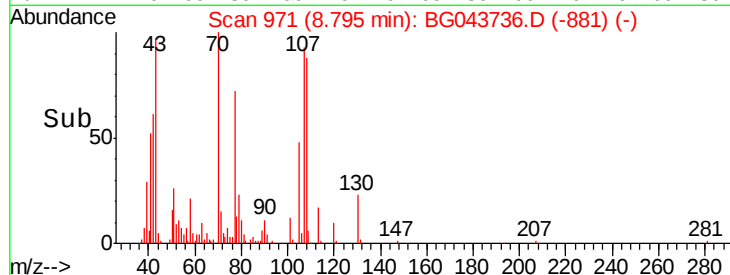
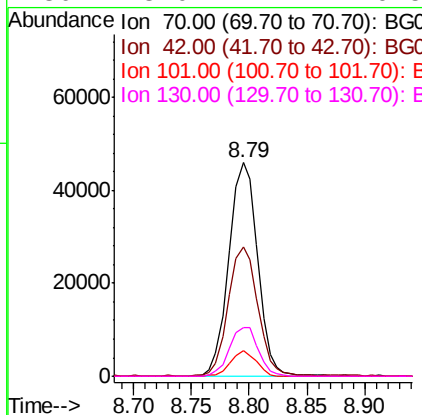
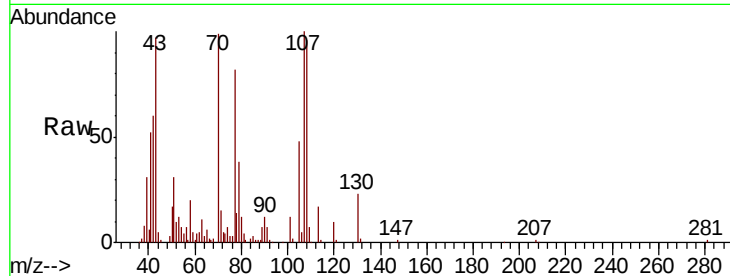
ClientSampleId :

600429836MSD

Tot Ion:	70	Resp:	79502
Ion Ratio	Lower	Upper	
70	100		
42	60.7	49.7	74.5
101	11.9	9.7	14.5
130	23.0	17.7	26.5

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#20

3+4-Methylphenols

Concen: 53.157 ng

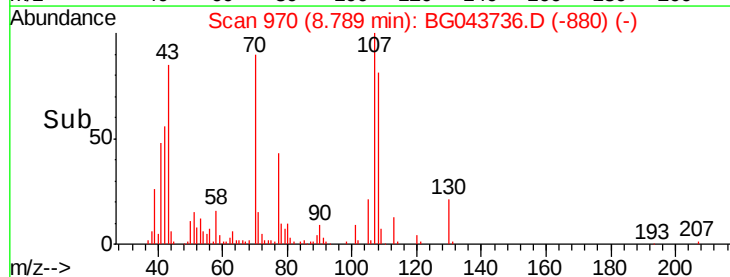
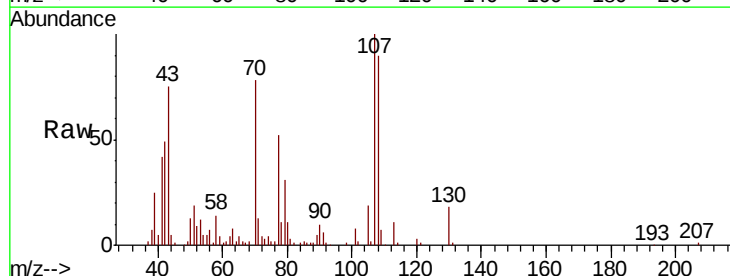
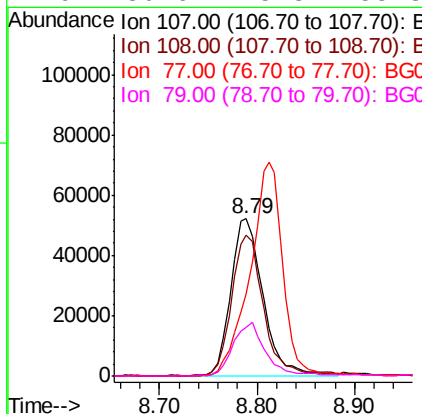
RT: 8.79 min Scan# 970

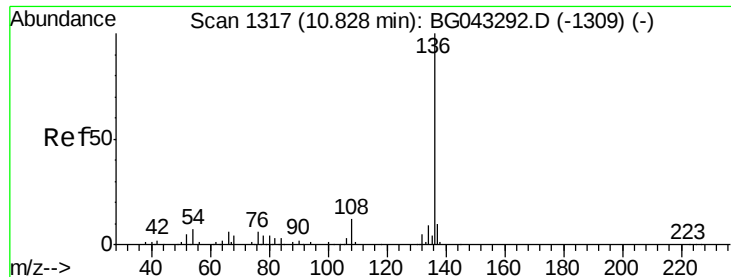
Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	107	Resp:	120421
Ion Ratio	Lower	Upper	
107	100		
108	89.6	69.5	109.5
77	52.3	32.8	72.8
79	30.6	15.3	55.3





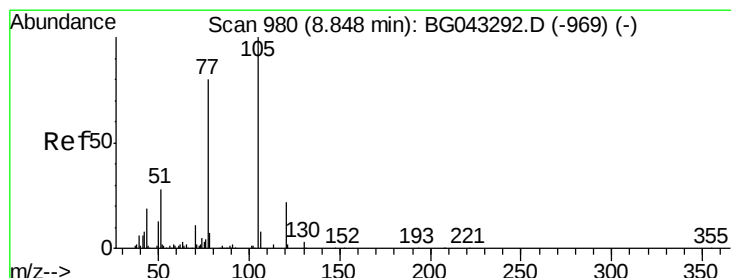
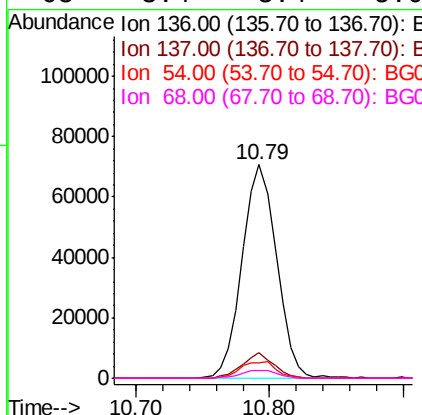
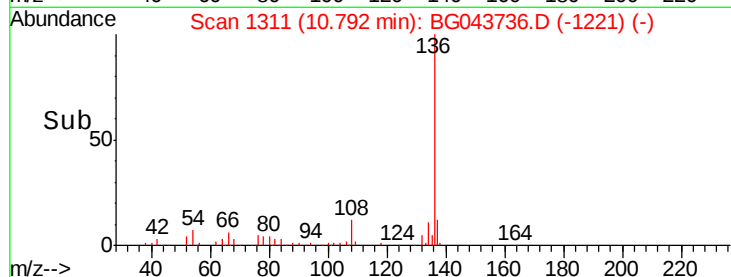
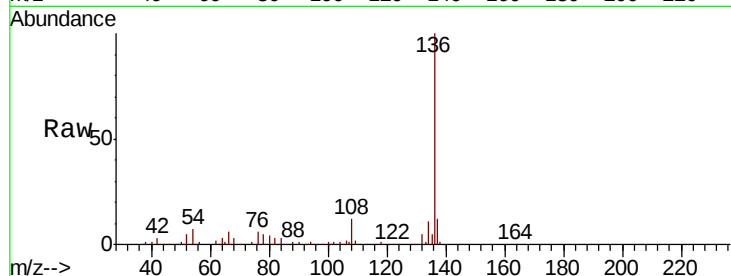
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	126300		
137	11.8		8.8	13.2
54	7.5		6.2	9.2
68	3.4		3.4	5.0

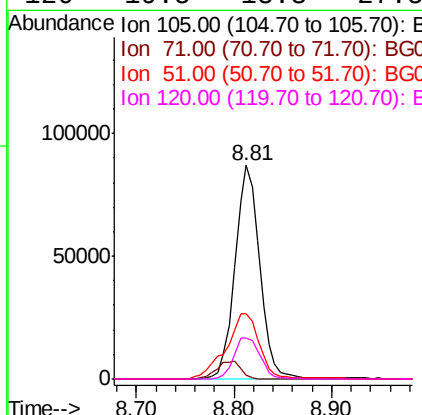
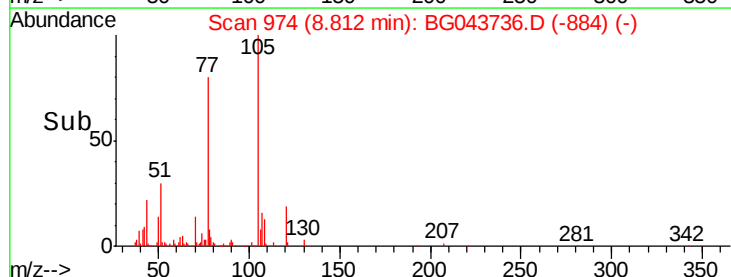
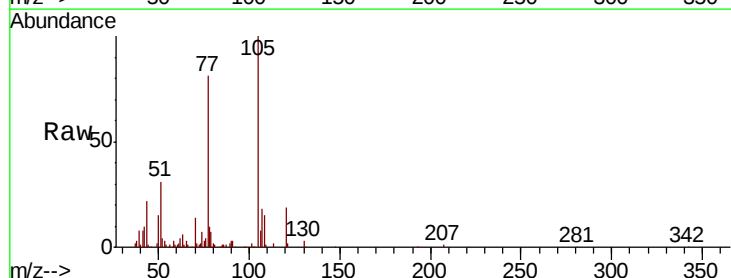
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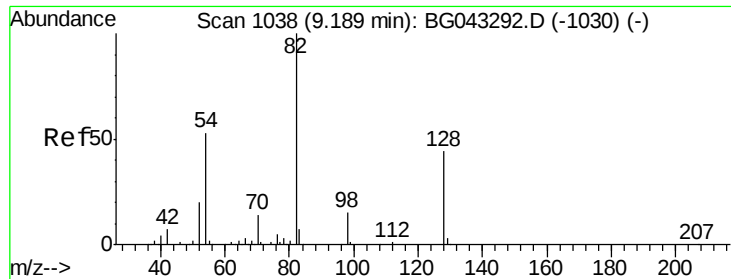
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#22
Acetophenone
Concen: 47.523 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	153708		
71	1.8		1.5	2.3
51	30.7		25.0	37.6
120	19.5		18.3	27.5





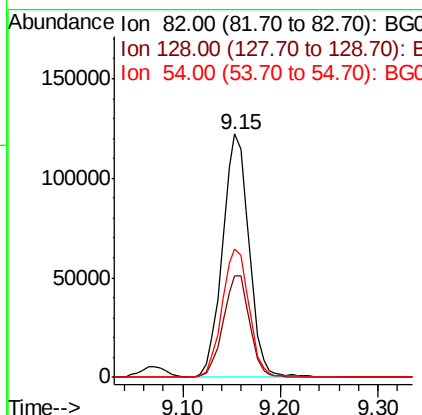
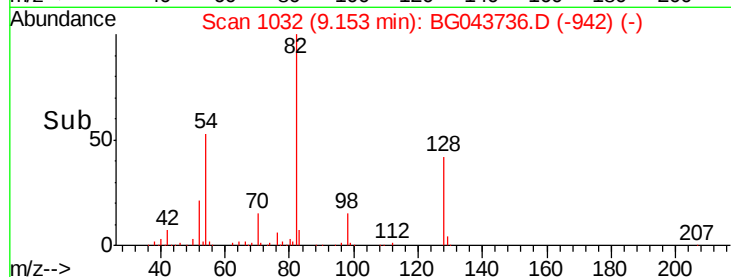
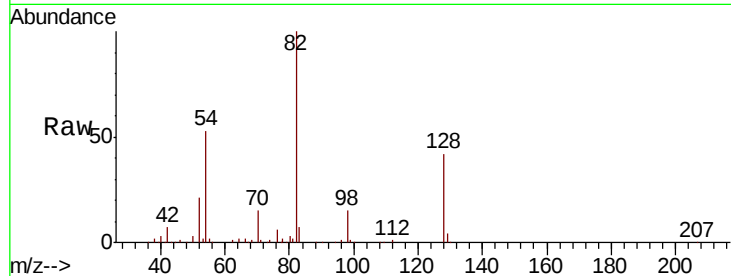
#23
 Nitrobenzene-d5
 Concen: 93.999 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.2	51.4
54	52.9	44.7	67.1

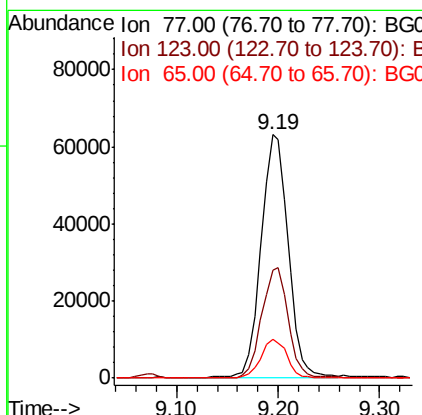
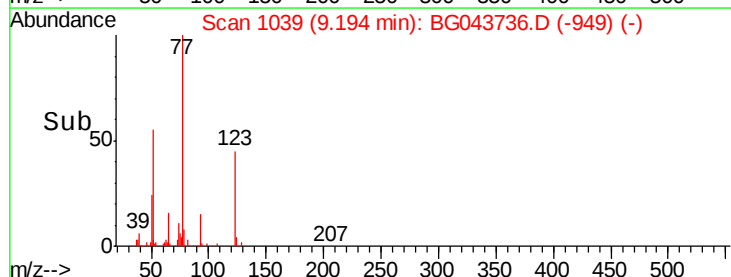
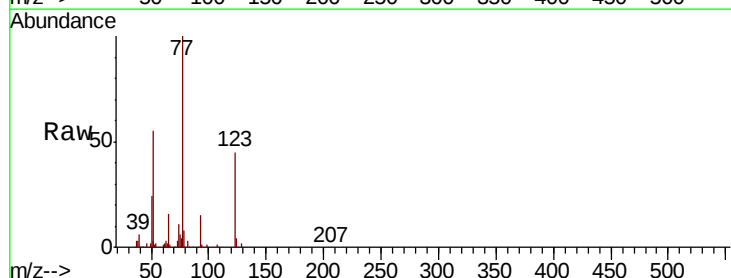
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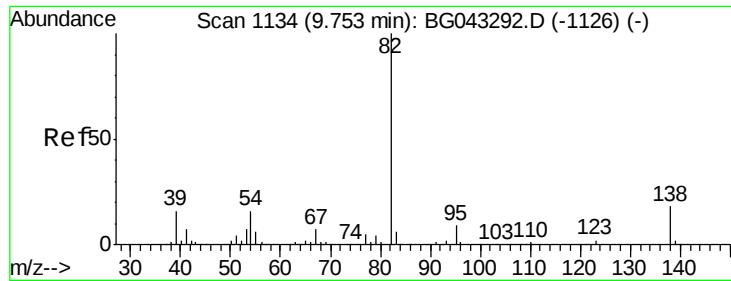
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#24
 Nitrobenzene
 Concen: 50.465 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.6	50.4
65	15.7	12.9	19.3





#25

Isophorone

Concen: 50.229 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

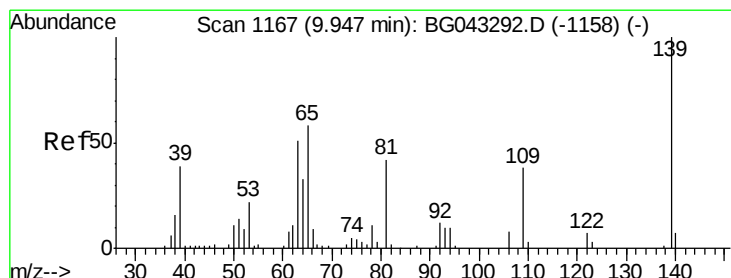
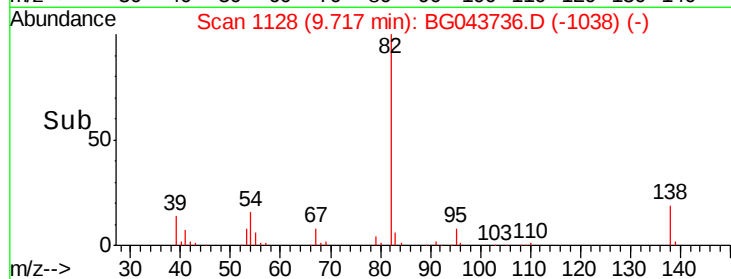
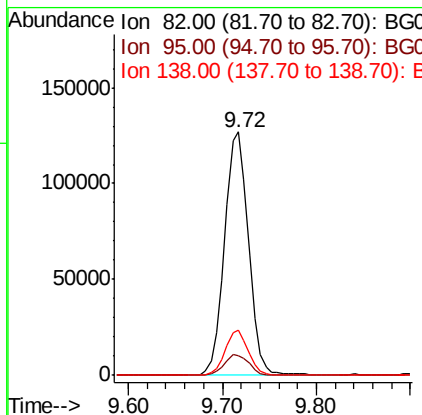
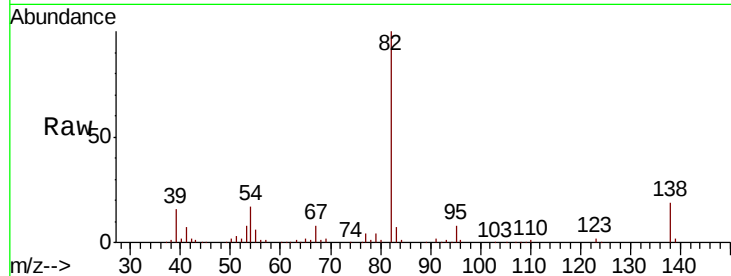
ClientSampleId :

600429836MSD

Tot Ion:	82	Resp:	224975
Ion Ratio		Lower	Upper
82	100		
95	8.3	7.4	11.0
138	18.7	15.1	22.7

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#26

2-Nitrophenol

Concen: 54.185 ng

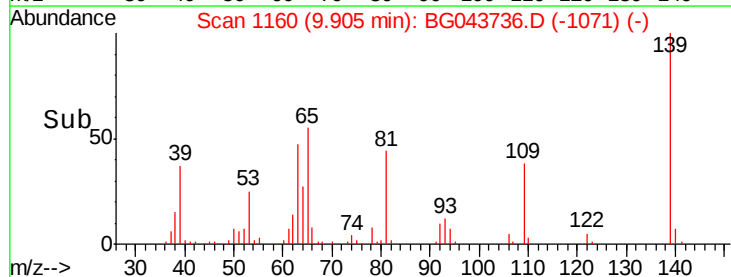
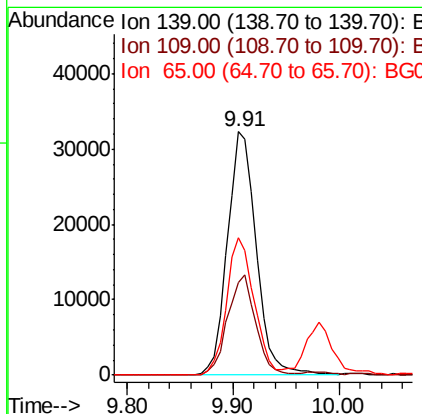
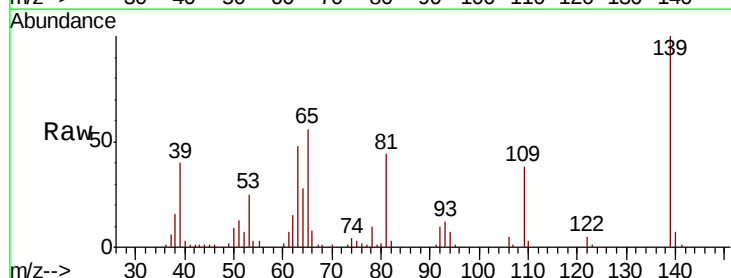
RT: 9.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	139	Resp:	61050
Ion Ratio		Lower	Upper
139	100		
109	38.1	32.6	48.8
65	56.5	47.6	71.4





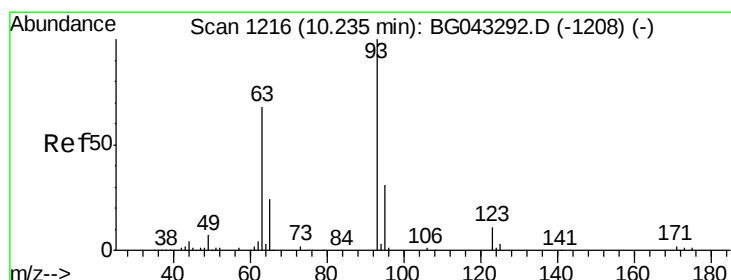
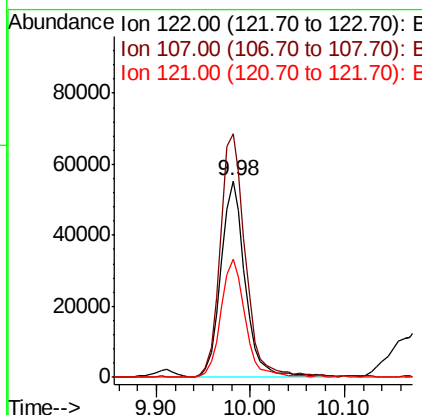
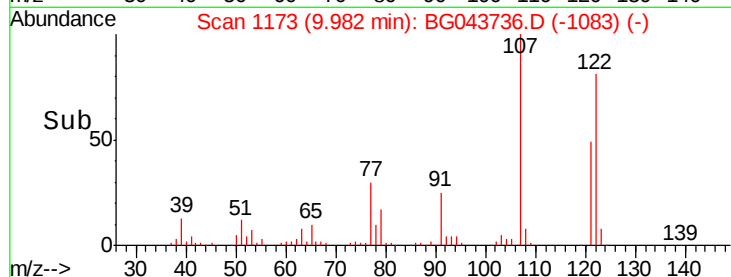
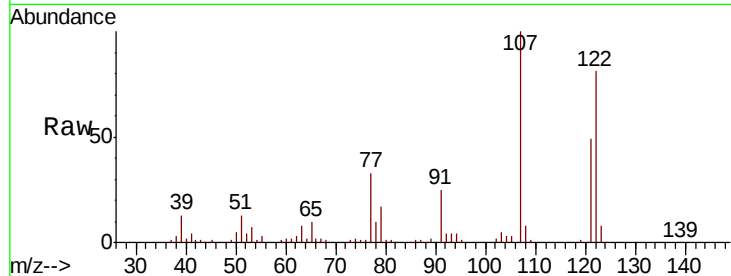
#27
2,4-Dimethylphenol
Concen: 60.973 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion:122 Resp: 98463
Ion Ratio Lower Upper
122 100
107 123.8 100.7 151.1
121 60.3 47.0 70.4

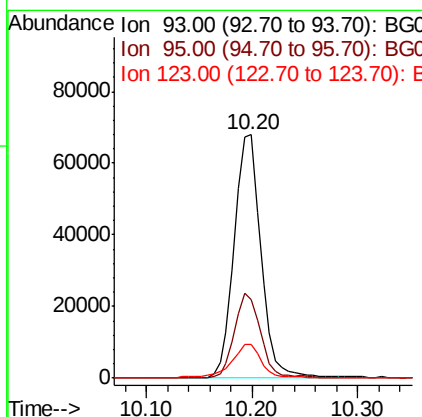
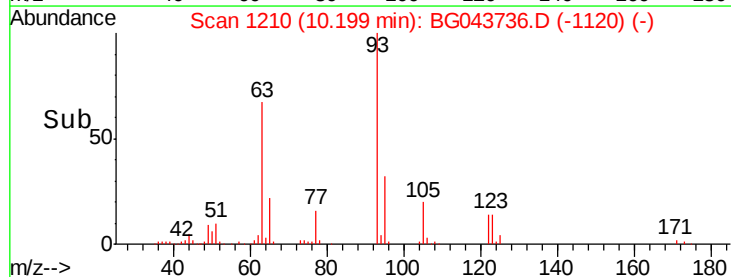
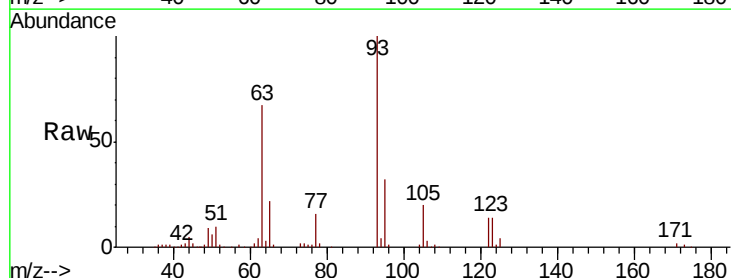
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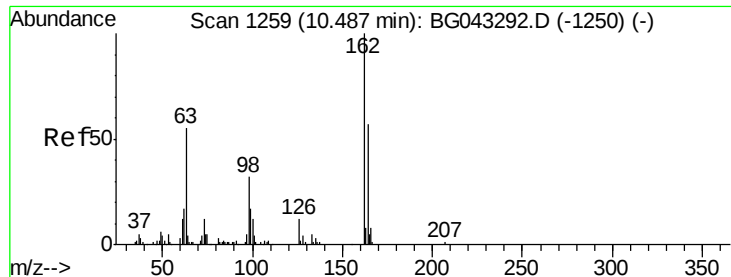
mohammad
11/21/2019 1:05:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.348 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion: 93 Resp: 119518
Ion Ratio Lower Upper
93 100
95 32.2 27.5 41.3
123 13.7 10.7 16.1





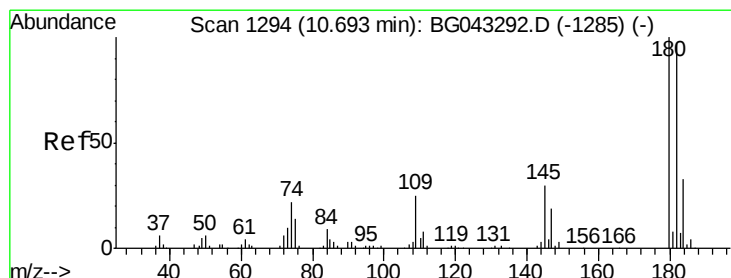
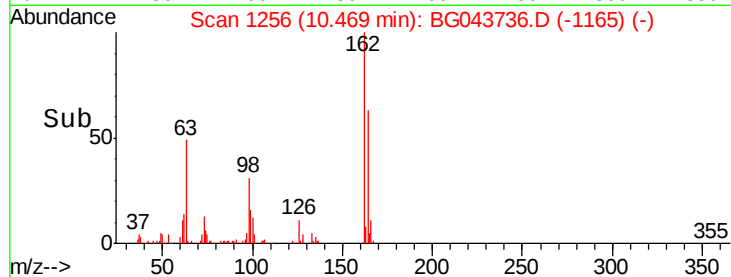
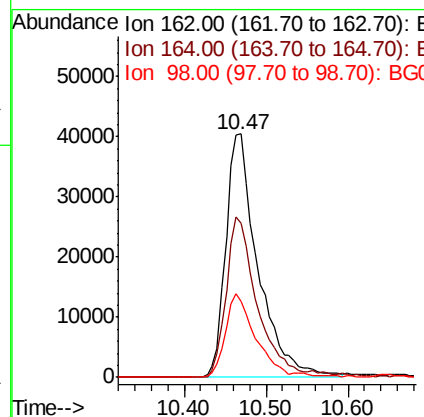
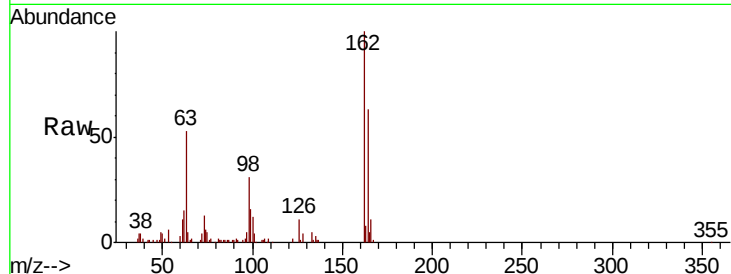
#29
 2,4-Dichlorophenol
 Concen: 53.358 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.2	45.4	85.4	
98	31.2	10.1	50.1	

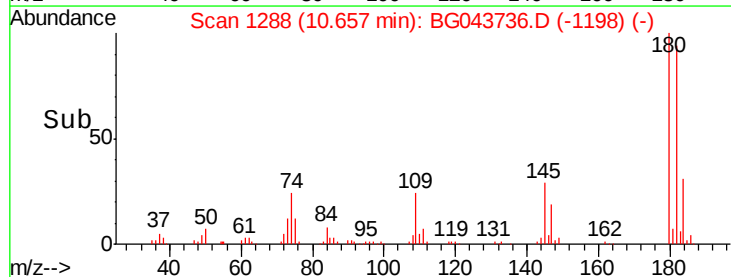
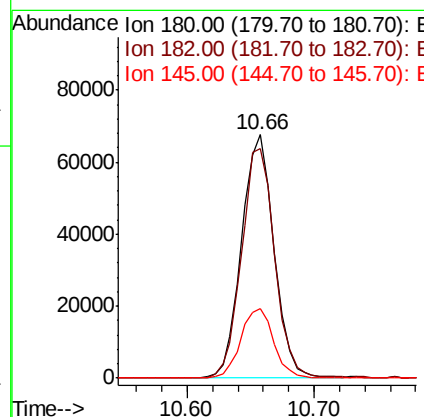
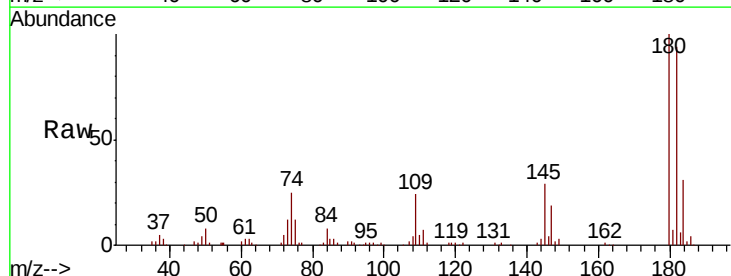
Manual Integrations
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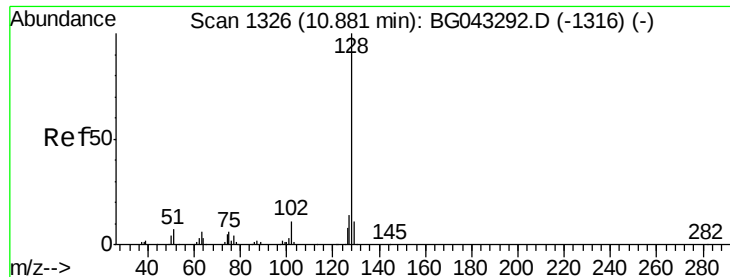
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.047 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.1	74.5	111.7	
145	28.8	21.4	32.0	





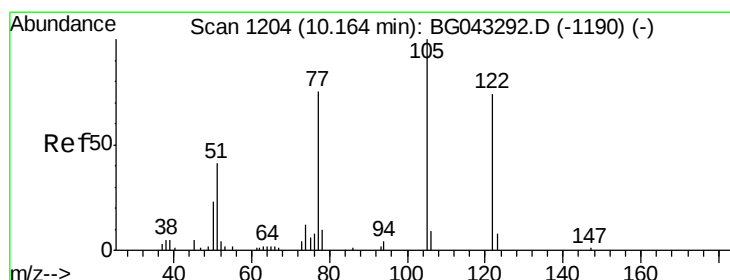
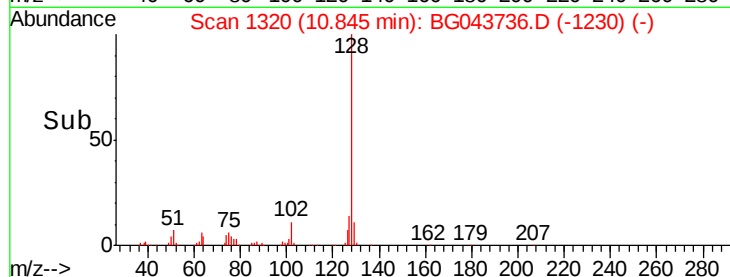
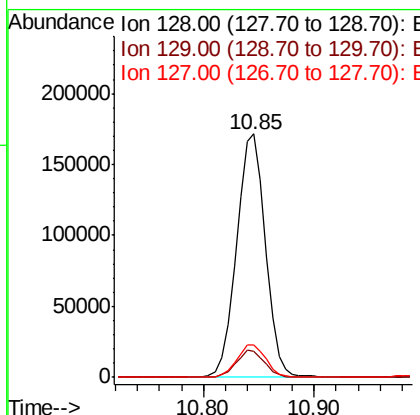
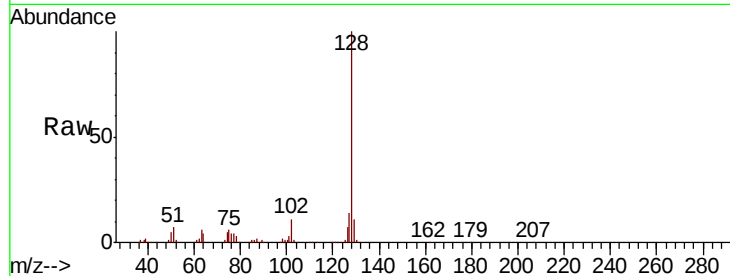
#31
Naphthalene
Concen: 49.133 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.5	11.0	16.4

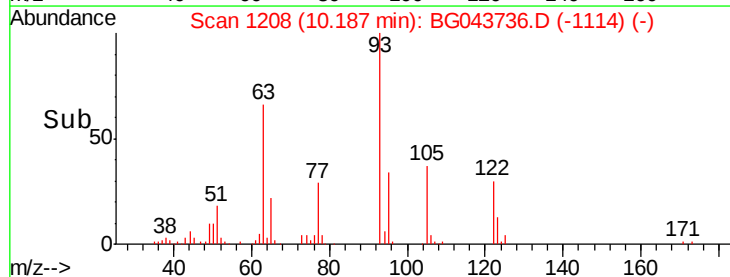
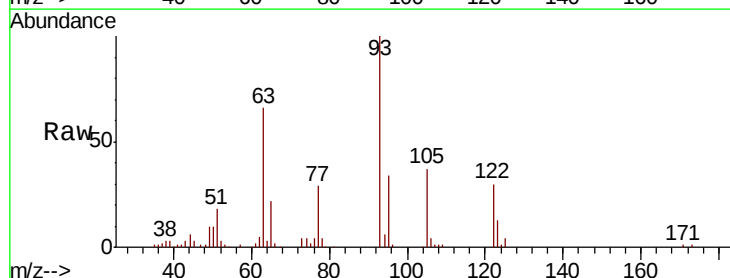
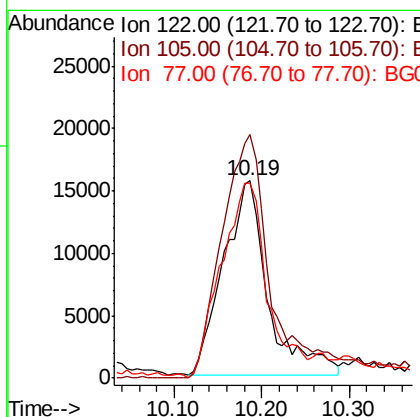
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#32
Benzoic acid
Concen: 44.525 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	101.8	141.8
77	98.9	86.8	126.8





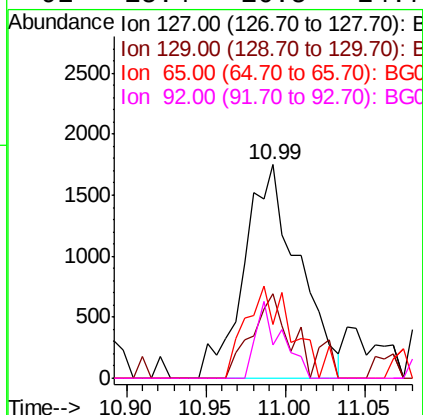
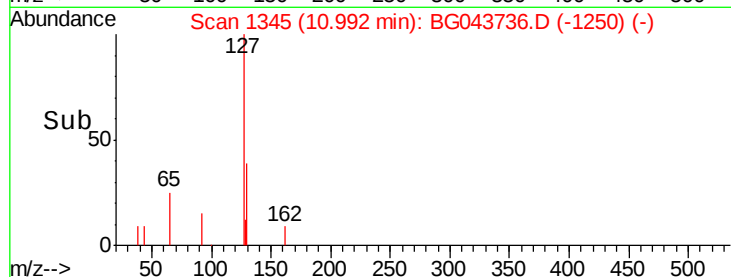
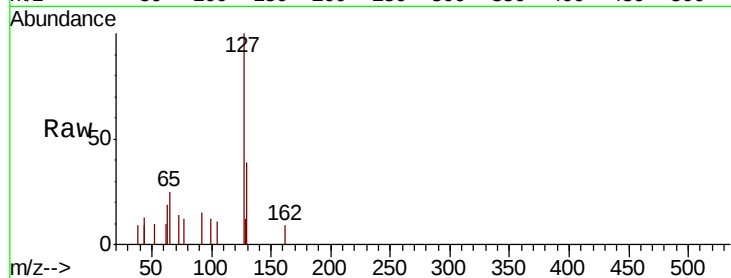
#33
4-Chloroaniline
Concen: 1.591 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	39.3	28.0	42.0
65	25.0	28.3	42.5#
92	15.4	16.5	24.7#

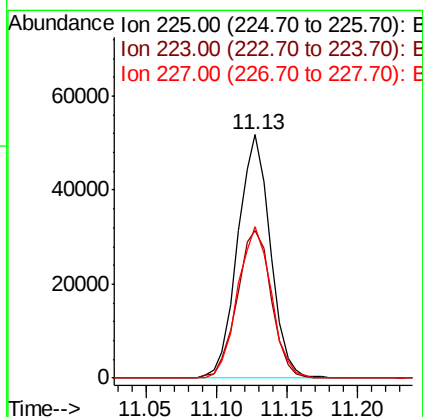
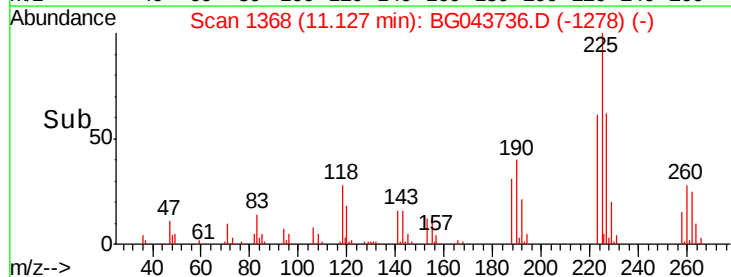
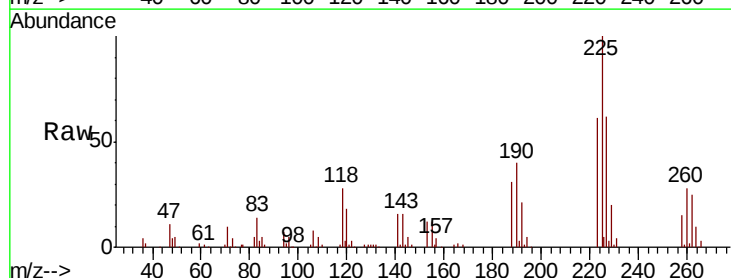
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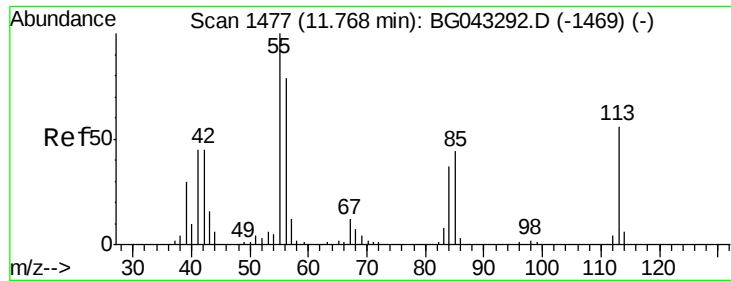
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#34
Hexachlorobutadiene
Concen: 43.381 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.6	73.0
227	62.0	49.1	73.7





#35

Caprolactam

Concen: 51.673 ng/ml

RT: 11.74 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

ClientSampleID :

600429836MSD

Tot Ion:113 Resp: 36822

Ion Ratio Lower Upper

113 100

55 159.4 154.4 194.4

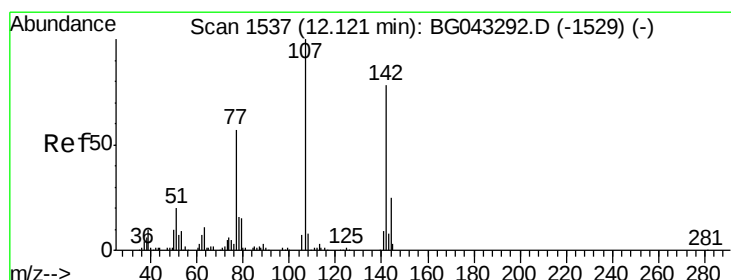
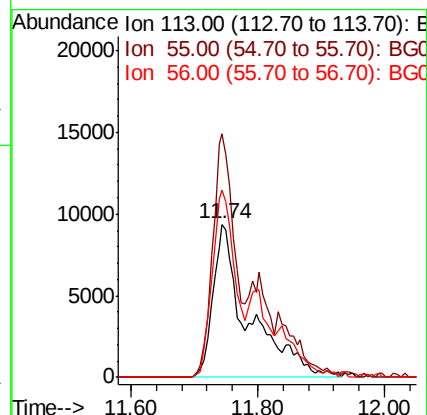
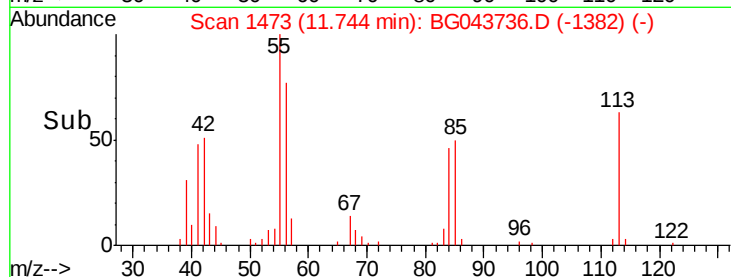
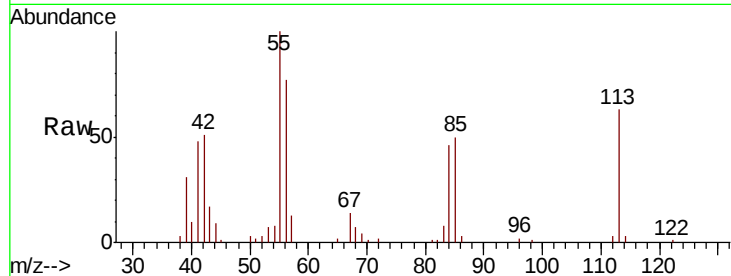
56 122.2 112.9 152.9

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#36

4-Chloro-3-methylphenol

Concen: 55.175 ng/ml

RT: 12.11 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

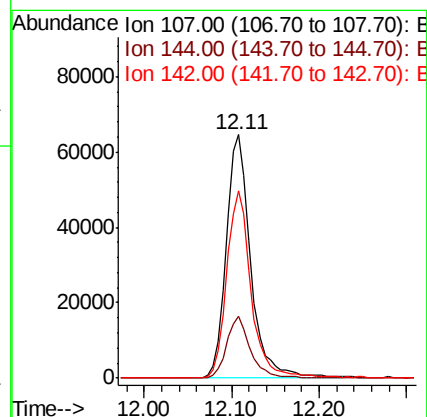
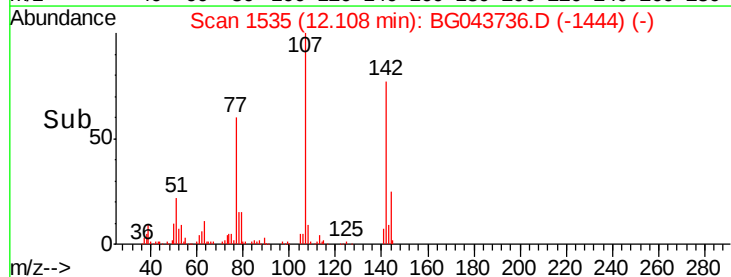
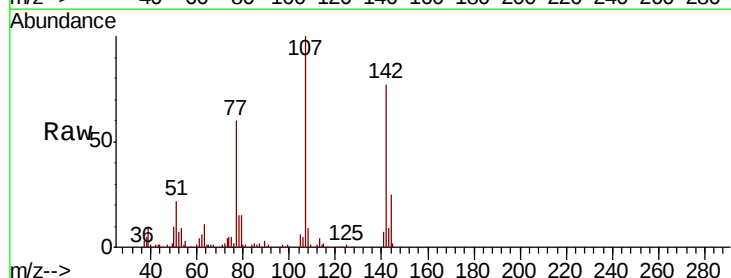
Tgt Ion:107 Resp: 124525

Ion Ratio Lower Upper

107 100

144 25.3 21.7 32.5

142 76.9 67.2 100.8





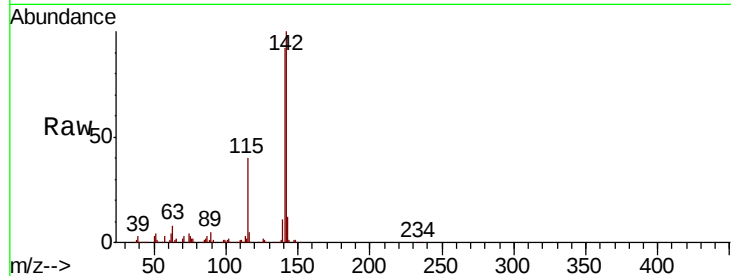
#37
2-Methylnaphthalene
Concen: 48.913 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.2	106.8
115	39.6	31.9	47.9

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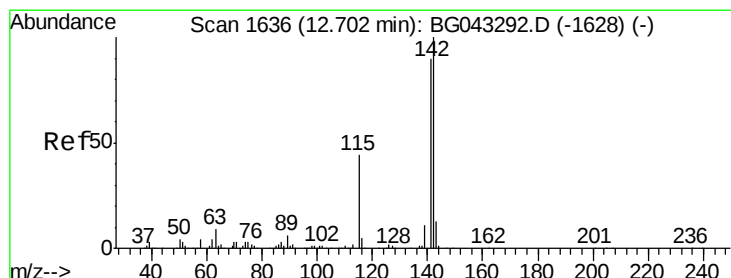
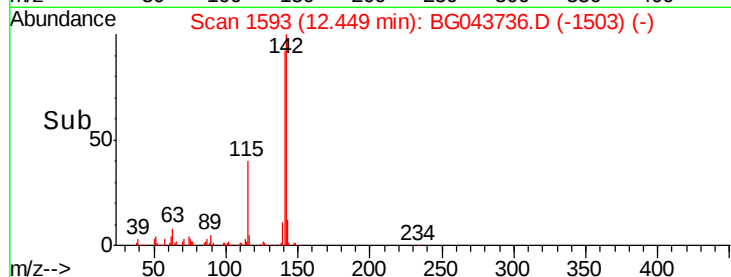
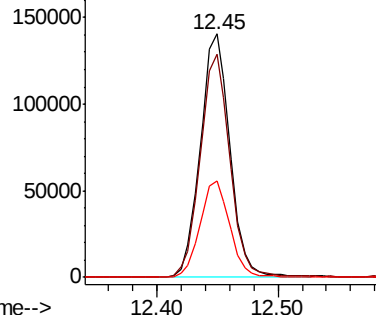


Abundance

Ion 142.00 (141.70 to 142.70): E

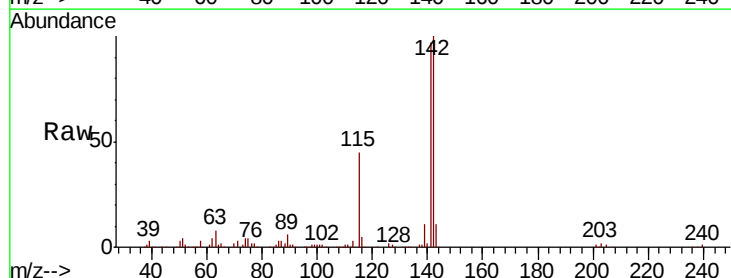
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.206 ng
RT: 12.67 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.6	74.5	111.7
116	4.9	3.8	5.6

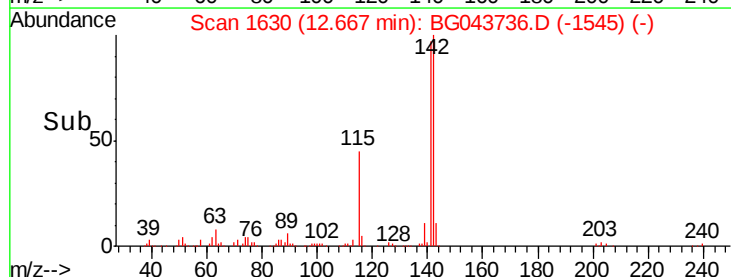
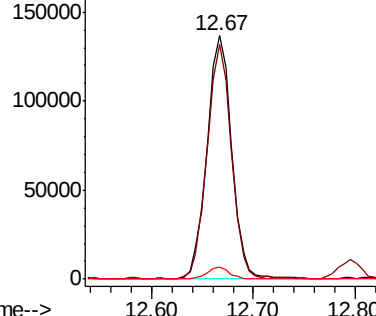


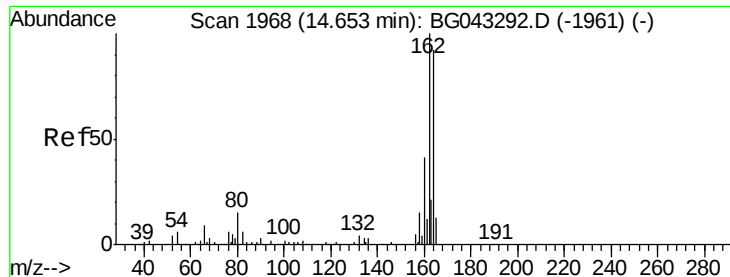
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





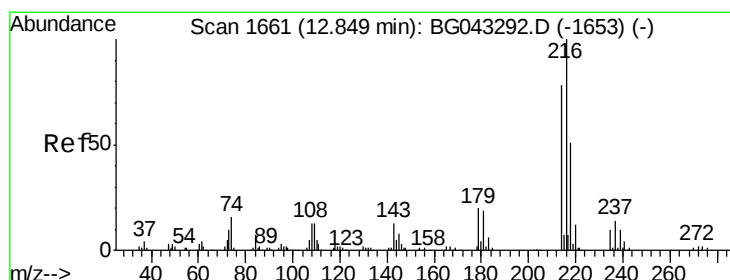
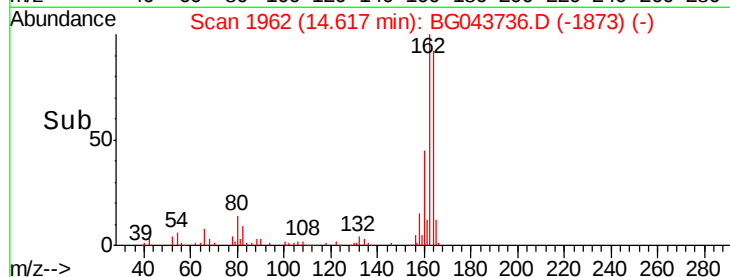
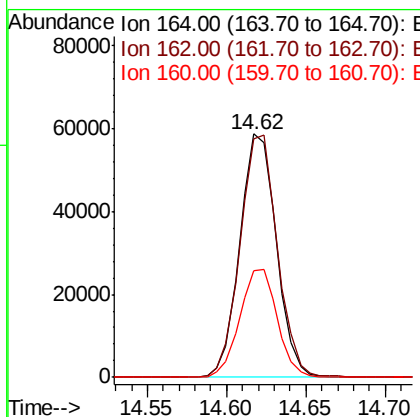
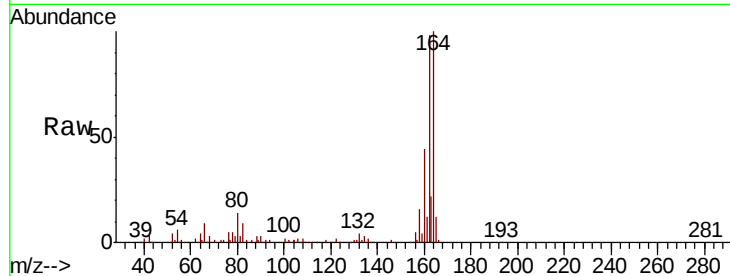
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.4	119.2
160	43.8	36.3	54.5

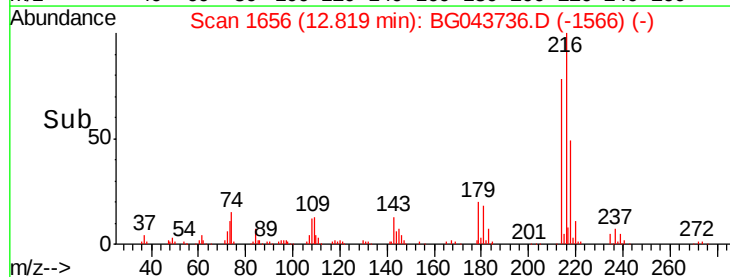
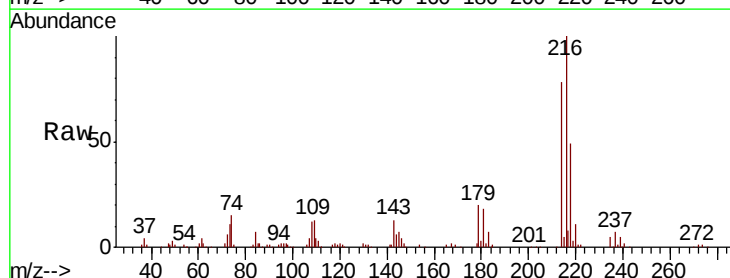
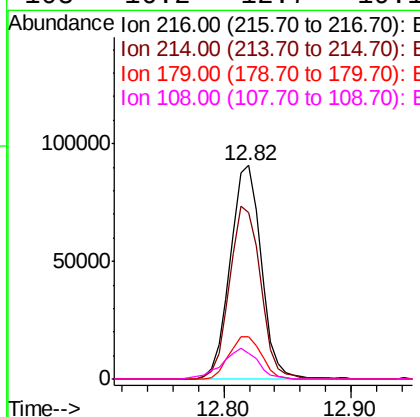
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.093 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.2	62.8	94.2
179	20.6	16.5	24.7
108	16.2	12.7	19.1





#41

Hexachlorocyclopentadiene

Concen: 94.262 ng

RT: 12.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

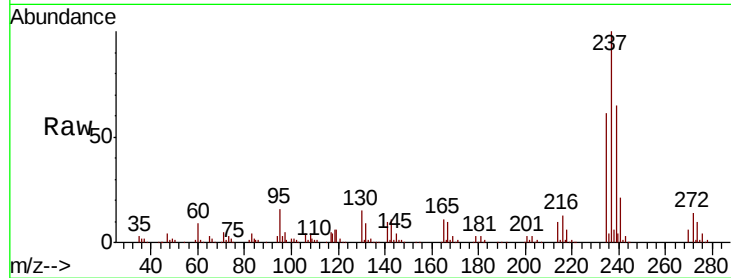
ClientSampleId :

600429836MSD

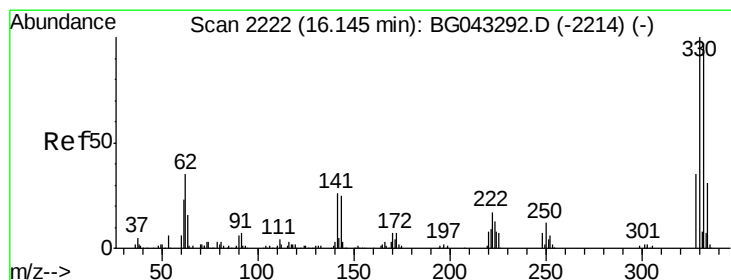
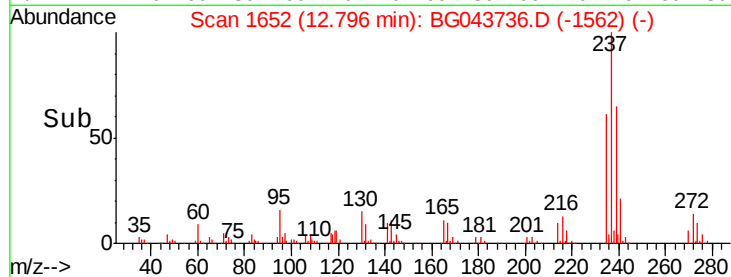
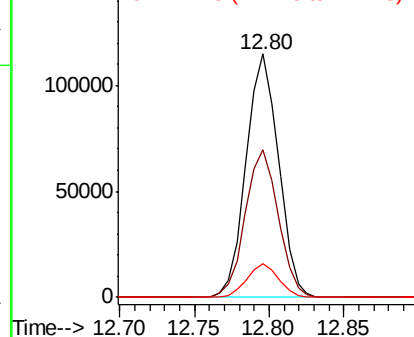
Tot Ion:	237	Resp:	172221
Ion Ratio	Lower	Upper	
237	100		
235	60.5	42.2	82.2
272	13.8	0.0	32.6

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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: 132.464 ng

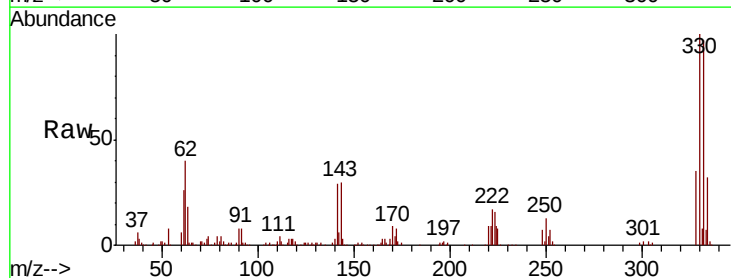
RT: 16.12 min Scan# 2217

Delta R.T. -0.00 min

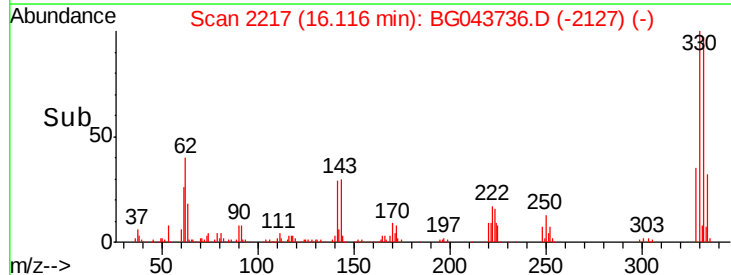
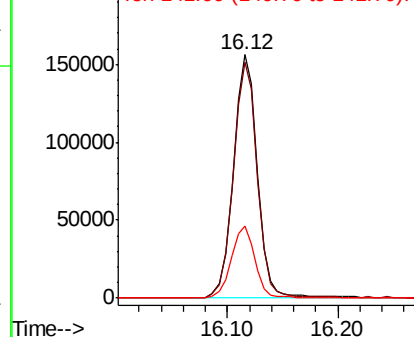
Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	330	Resp:	236904
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	29.4	23.4	35.2



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





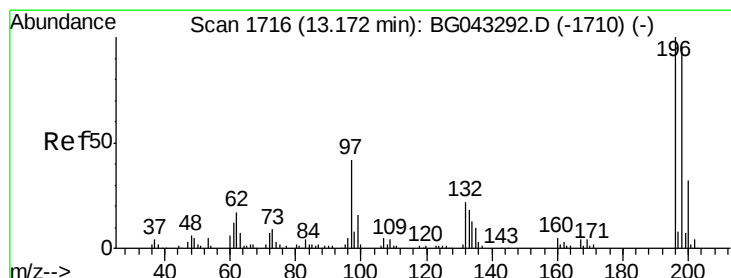
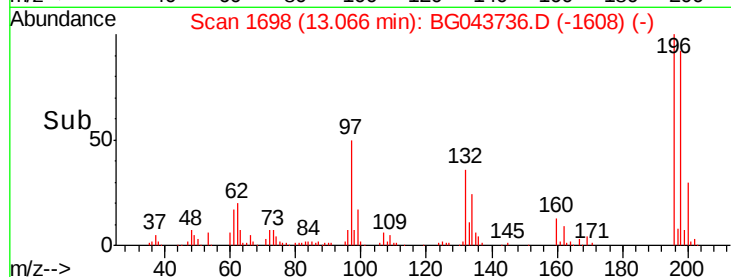
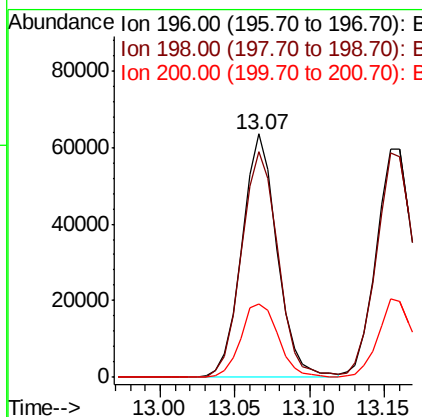
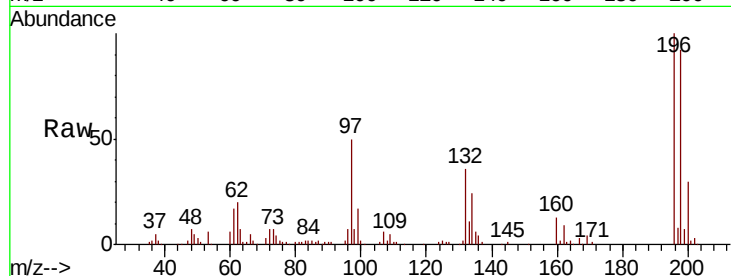
#43
 2,4,6-Trichlorophenol
 Concen: 50.670 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103785		
198	92.5	81.3	121.9	
200	30.3	28.2	42.2	

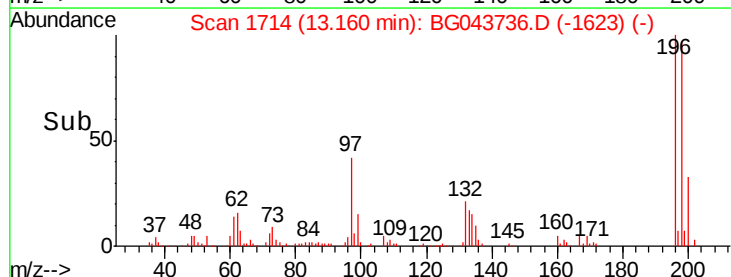
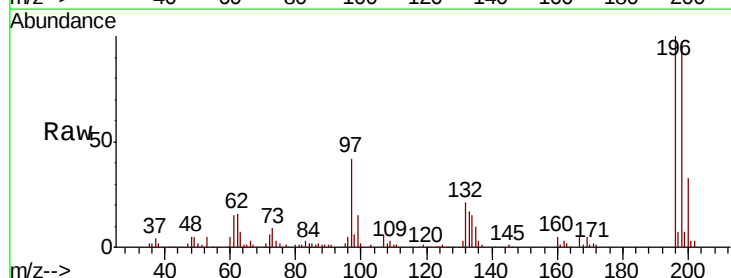
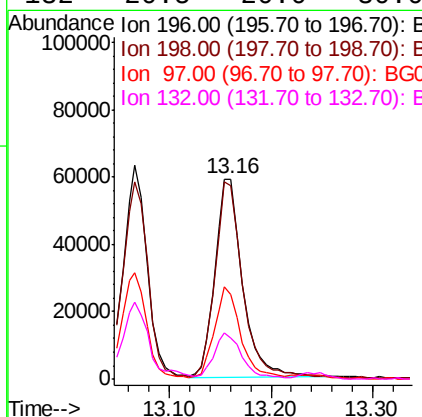
Manual Integrations
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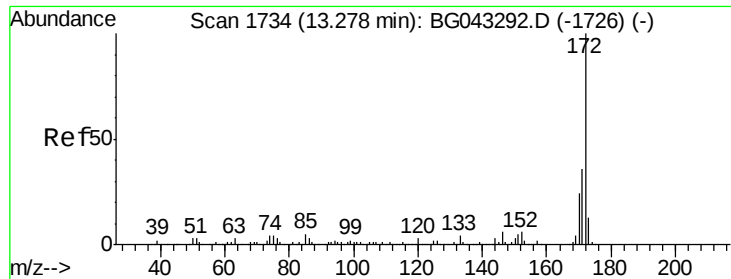
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#44
 2,4,5-Trichlorophenol
 Concen: 54.285 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112411		
198	96.9	77.4	116.2	
97	42.4	35.9	53.9	
132	20.5	20.0	30.0	





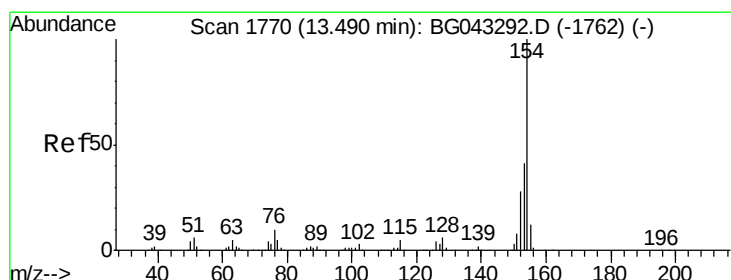
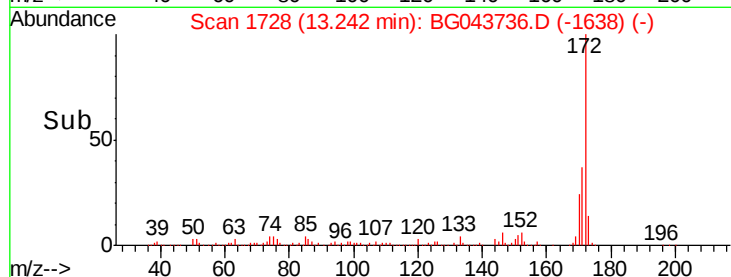
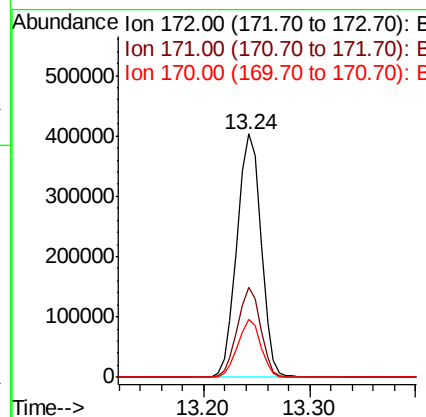
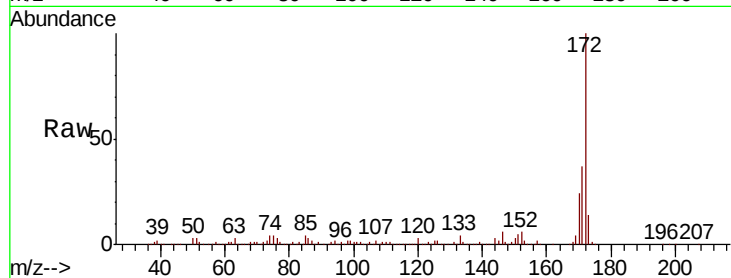
#45
2-Fluorobiphenyl
Concen: 93.556 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.1	42.1
170	23.8	18.8	28.2

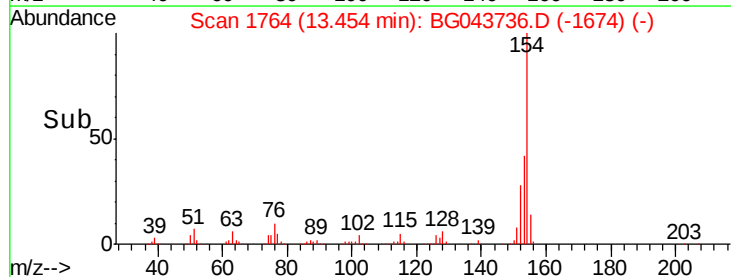
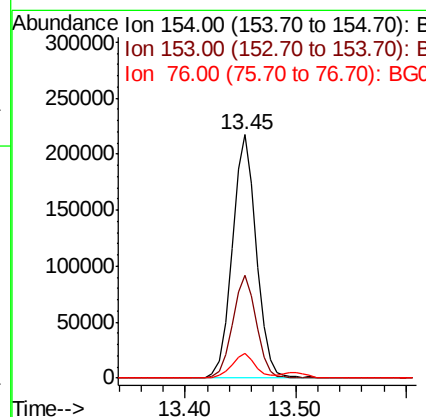
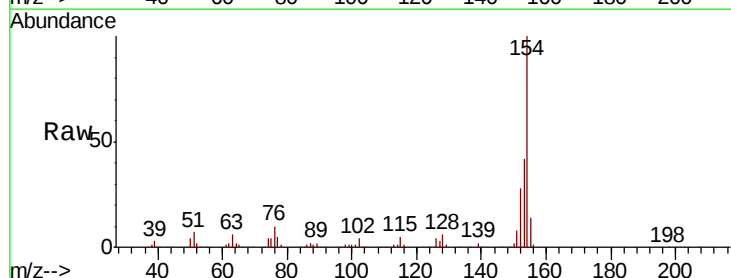
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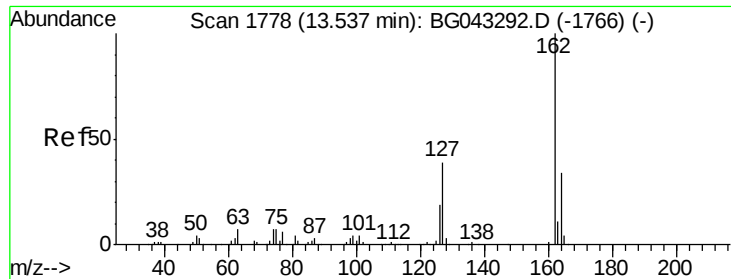
mohammad
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#46
1,1'-Biphenyl
Concen: 46.249 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.6	62.6
76	10.2	0.0	29.1





#47

2-Chloronaphthalene

Concen: 47.262 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

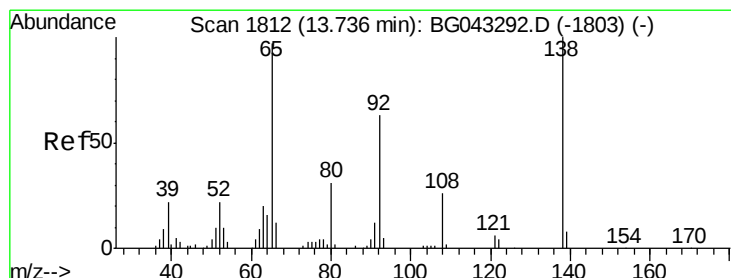
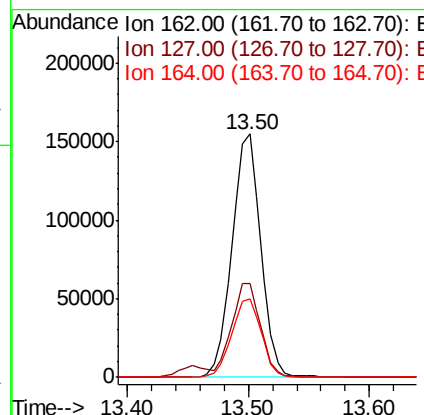
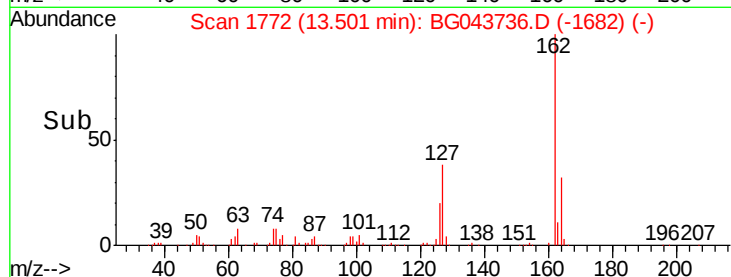
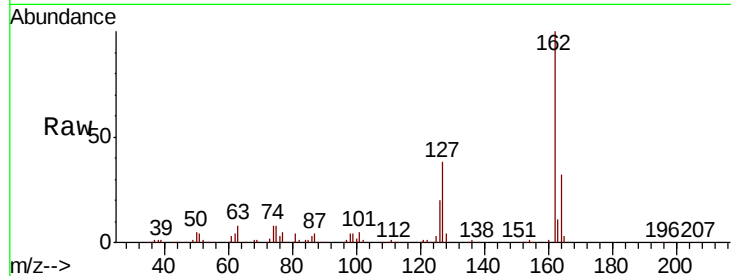
ClientSampleId :

600429836MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.8	49.2
164	32.1	27.8	41.8

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#48

2-Nitroaniline

Concen: 47.109 ng

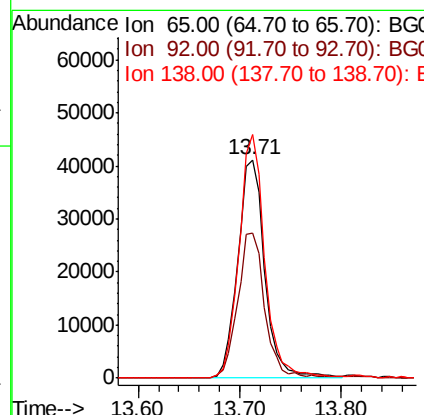
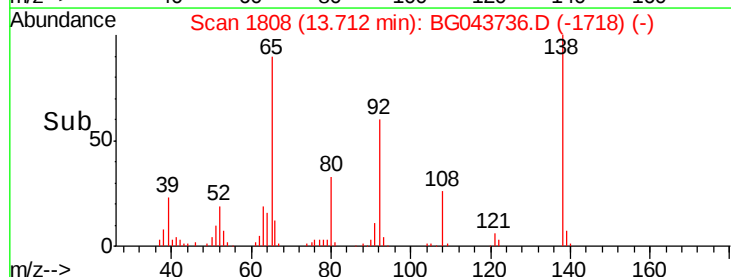
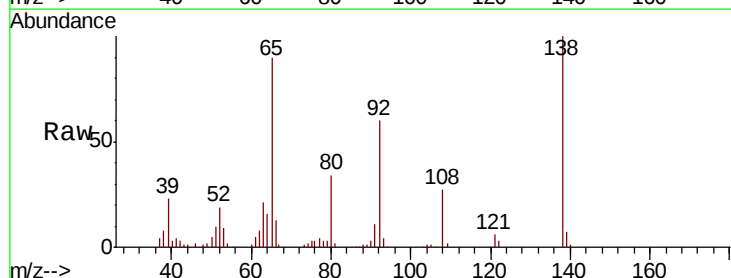
RT: 13.71 min Scan# 1808

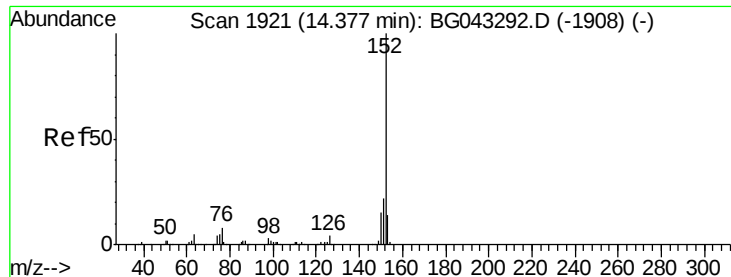
Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	54.9	82.3
138	111.6	85.0	127.6





#49

Acenaphthylene

Concen: 50.524 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

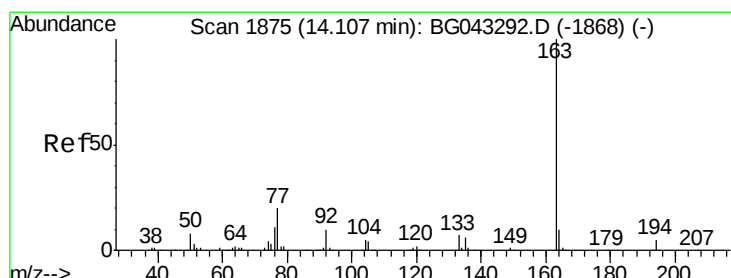
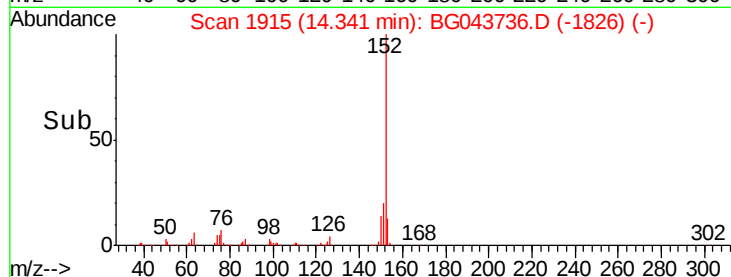
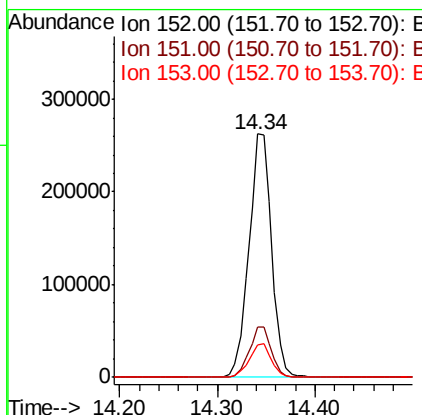
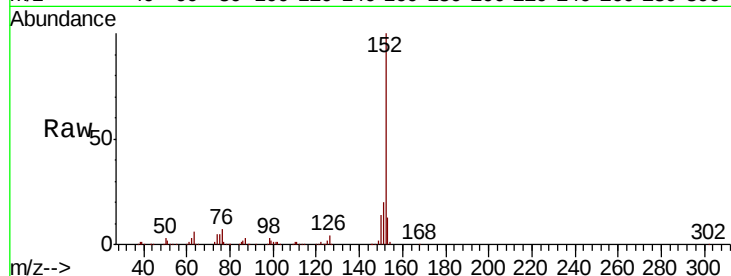
ClientSampleId :

600429836MSD

Tot Ion:	152	Resp:	427750
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.1	24.1
153	13.4	11.0	16.4

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#50

Dimethylphthalate

Concen: 49.703 ng

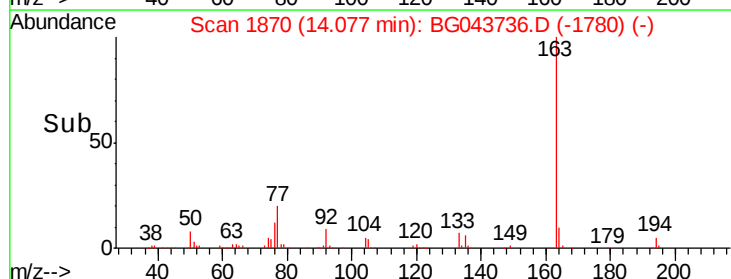
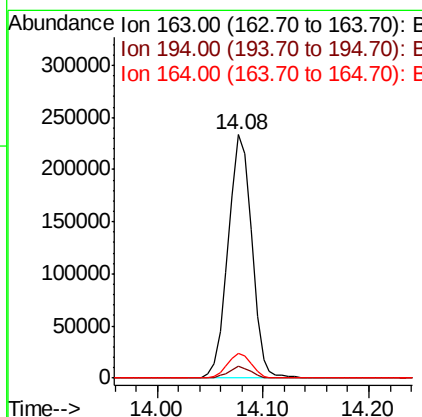
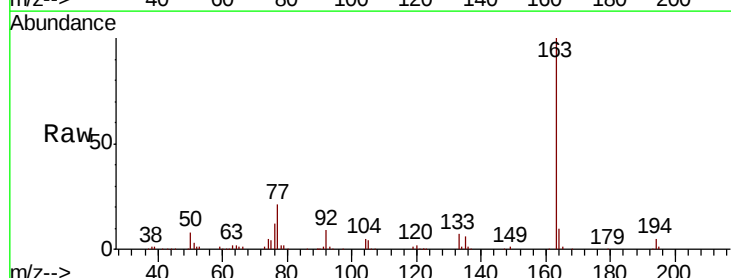
RT: 14.08 min Scan# 1870

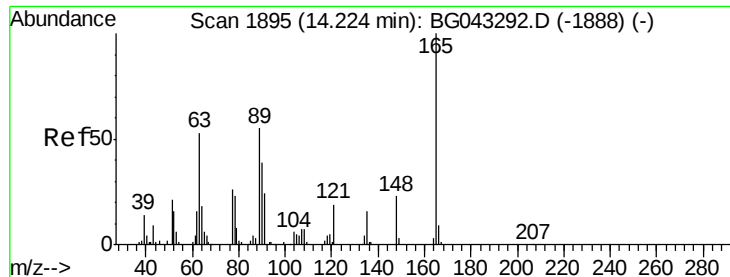
Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	163	Resp:	361810
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	9.9	8.5	12.7





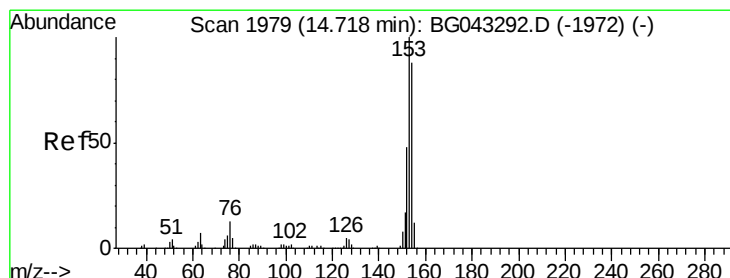
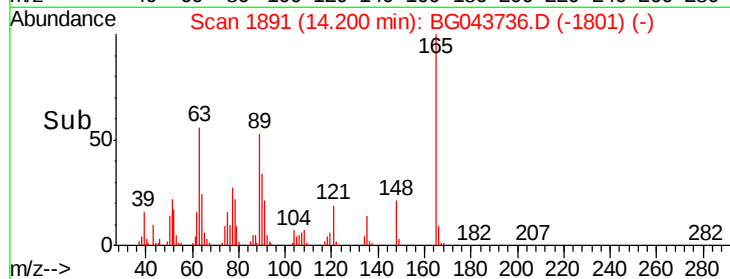
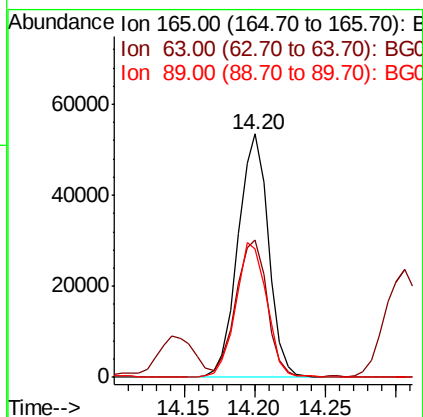
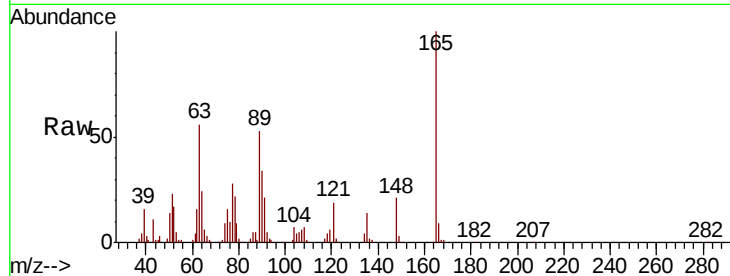
#51
2,6-Dinitrotoluene
Concen: 51.119 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	80842		
63	56.4		45.0	67.6
89	52.9		39.8	59.8

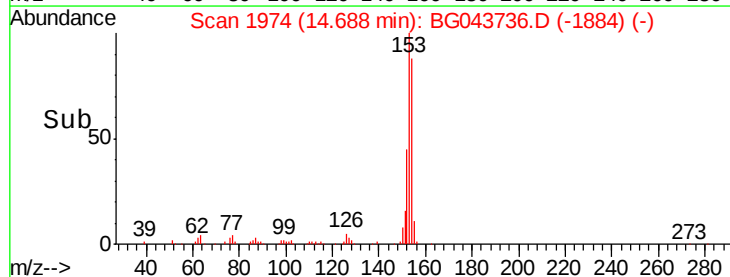
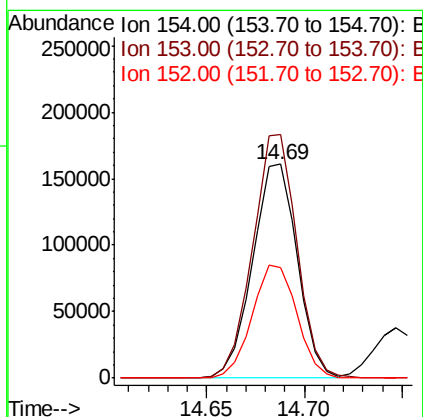
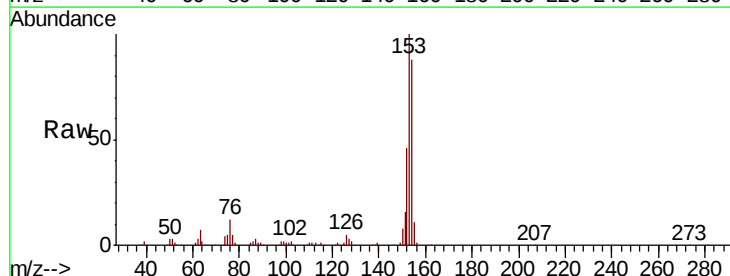
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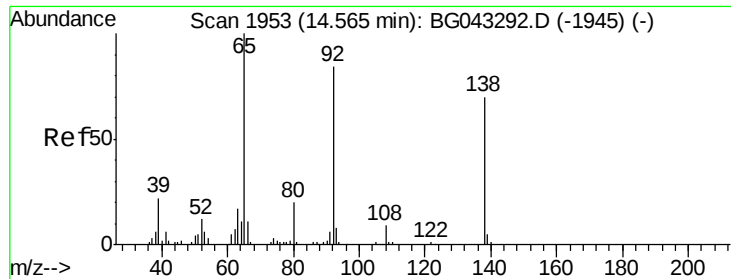
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#52
Acenaphthene
Concen: 49.393 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	255019		
153	114.0		89.2	133.8
152	52.0		41.4	62.0





#53

3-Nitroaniline

Concen: 10.089 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

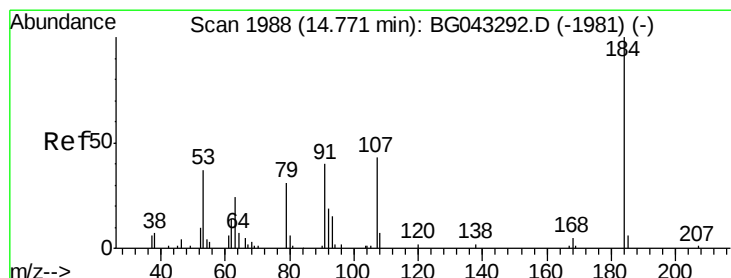
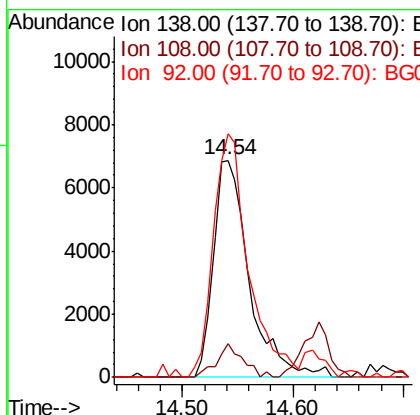
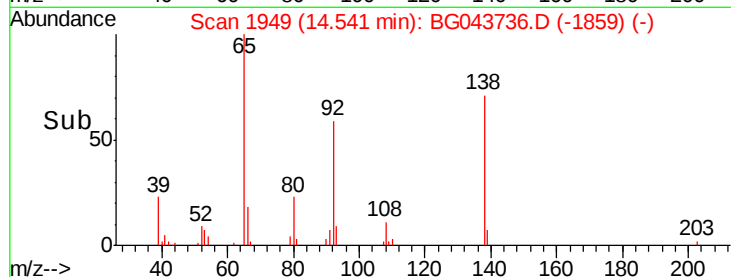
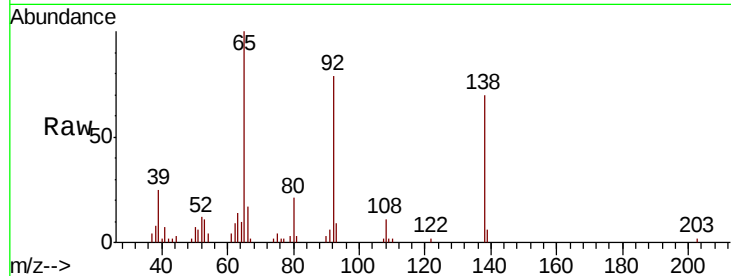
ClientSampleId :

600429836MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.6	9.8	14.8#
92	112.3	88.1	132.1

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#54

2,4-Dinitrophenol

Concen: 97.031 ng

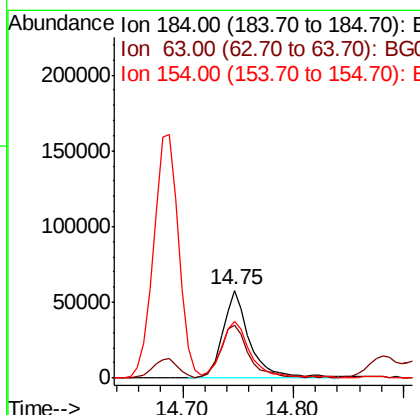
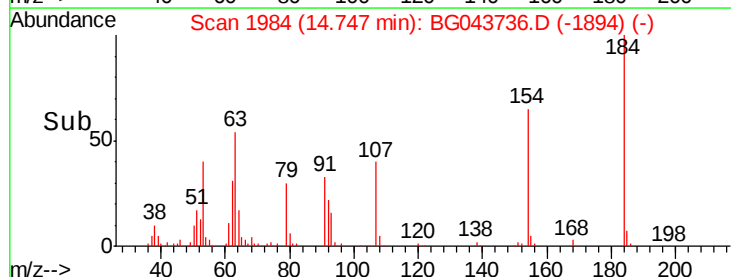
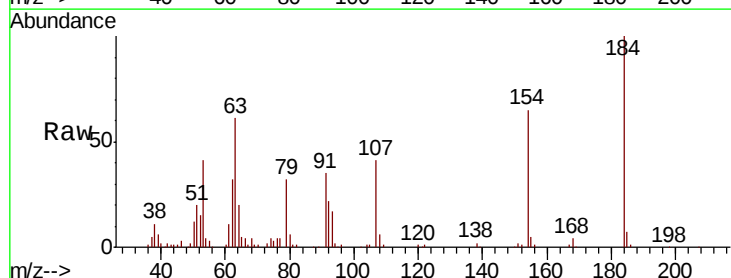
RT: 14.75 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	59.0	88.4
154	65.3	57.4	86.2





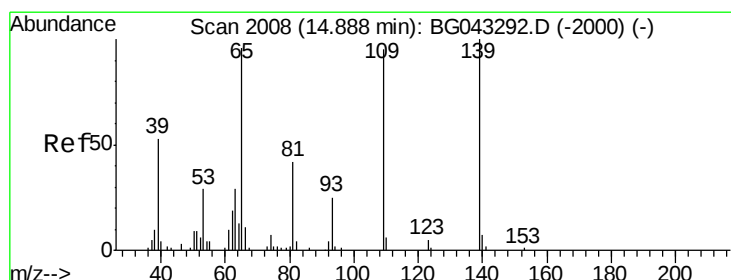
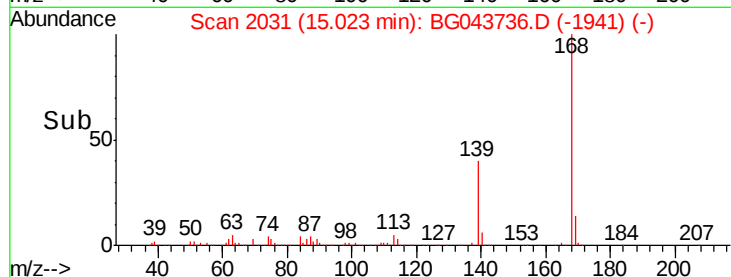
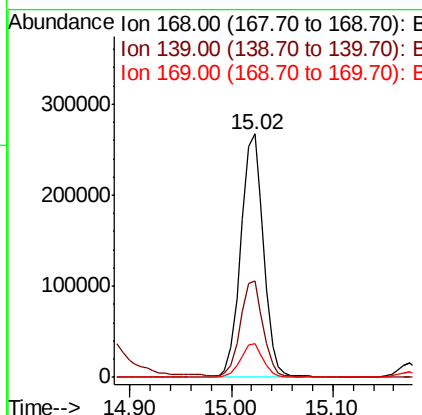
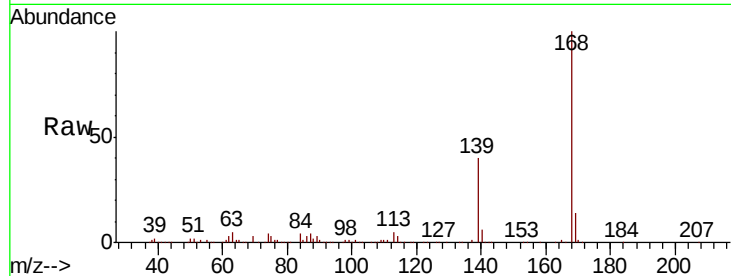
#55
Dibenzenofuran
Concen: 49.465 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.7	49.1
169	13.6	10.6	15.8

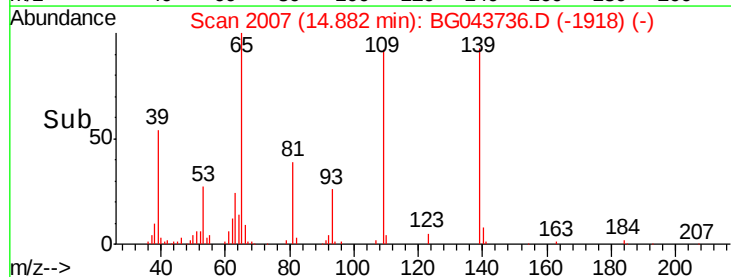
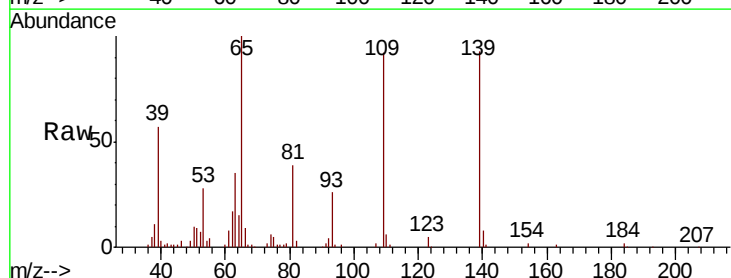
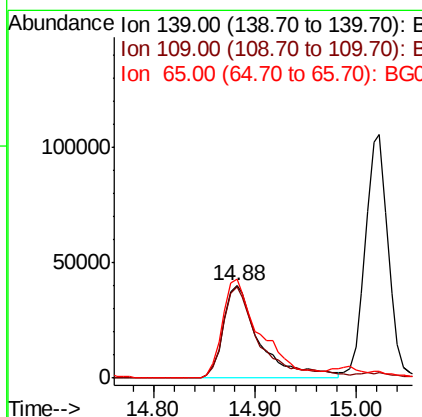
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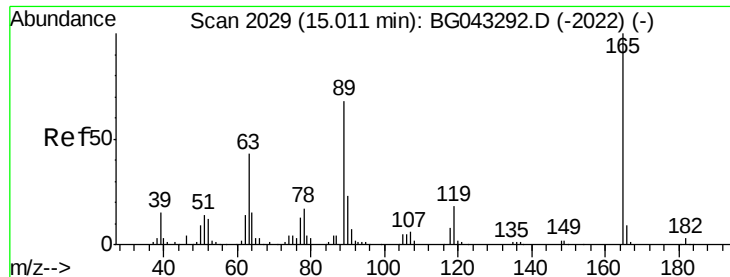
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#56
4-Nitrophenol
Concen: 97.322 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.4	64.0	104.0
65	107.6	75.6	115.6





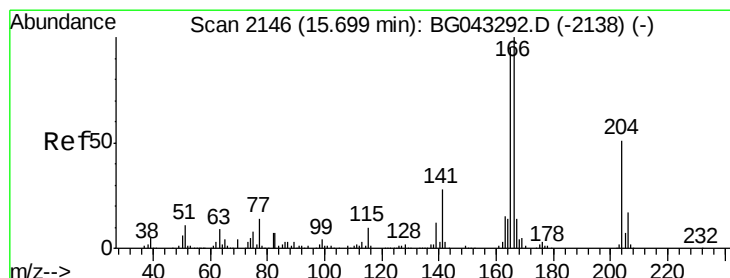
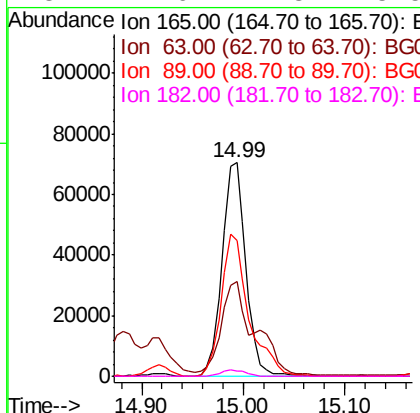
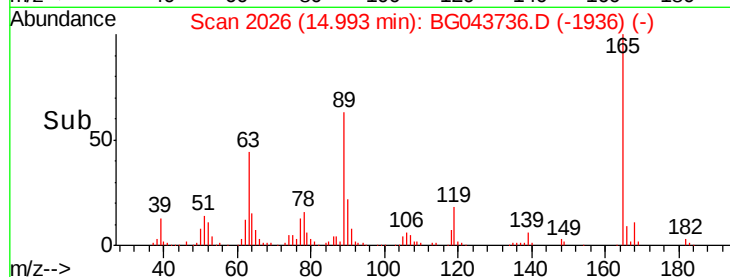
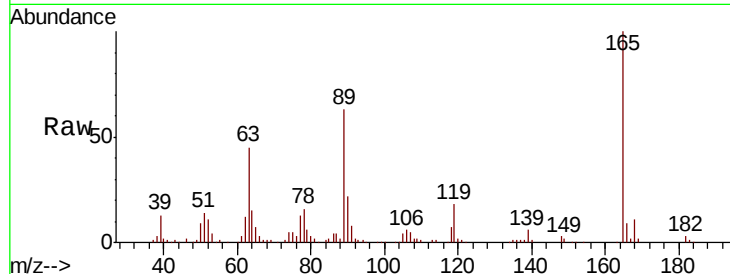
#57
2,4-Dinitrotoluene
Concen: 50.482 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		114091		
63	44.6	37.4	56.0		
89	63.4	50.9	76.3		
182	2.6	2.3	3.5		

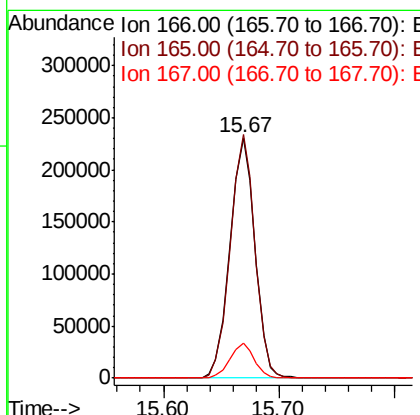
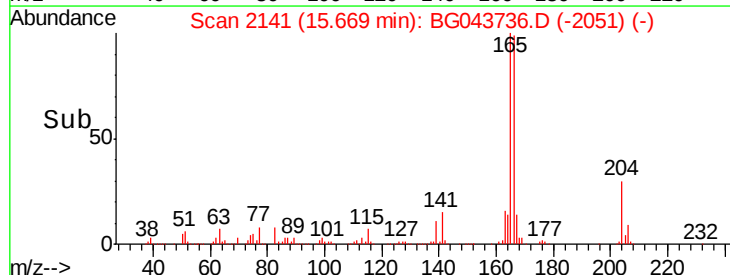
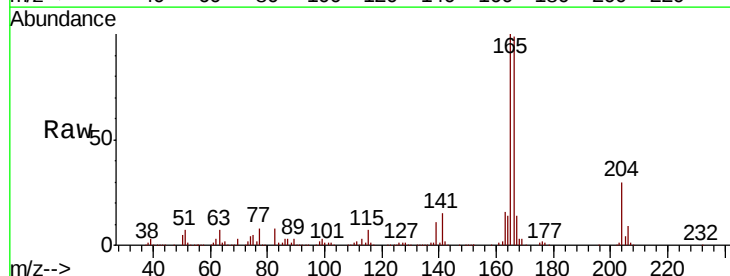
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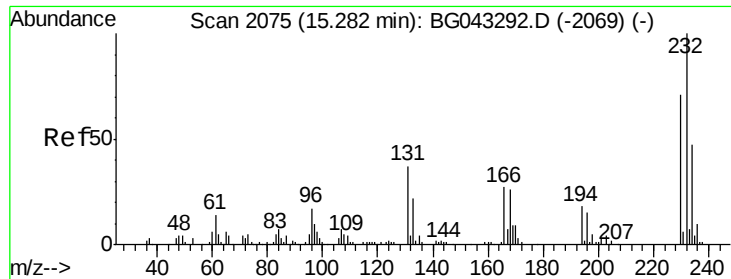
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#58
Fluorene
Concen: 49.270 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		345988		
165	101.4	78.4	117.6		
167	14.7	11.2	16.8		





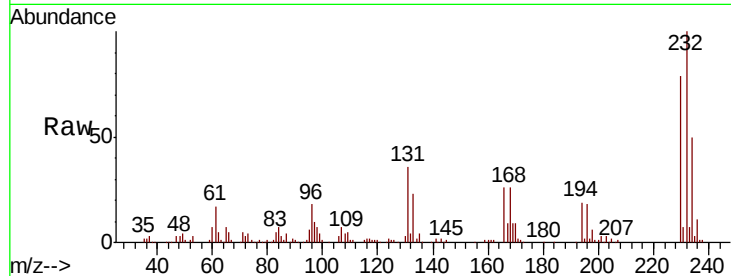
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.582 ng
RT: 15.26 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	35.6	29.6	44.4		
130	2.0	1.4	2.0		
166	27.5	21.2	31.8		

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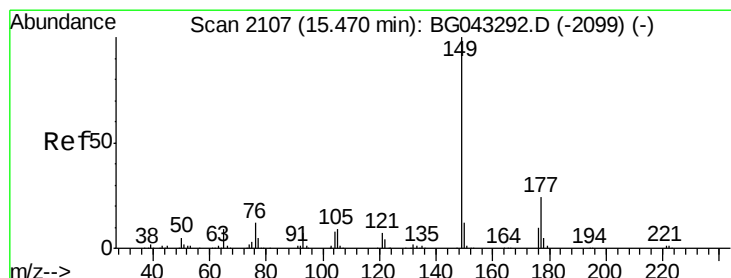
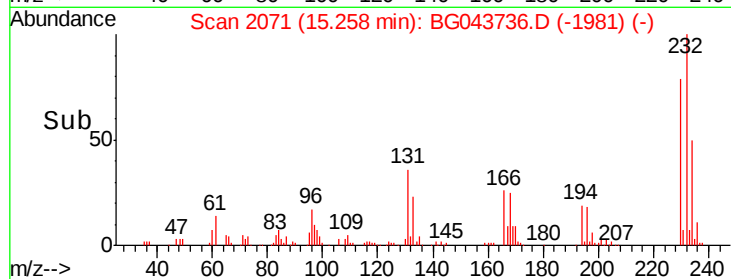
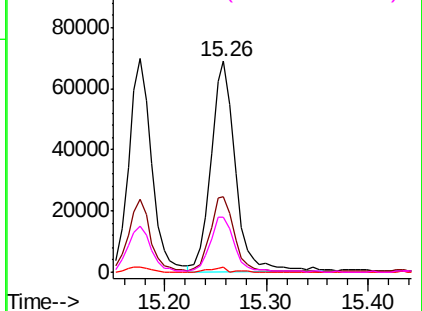
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

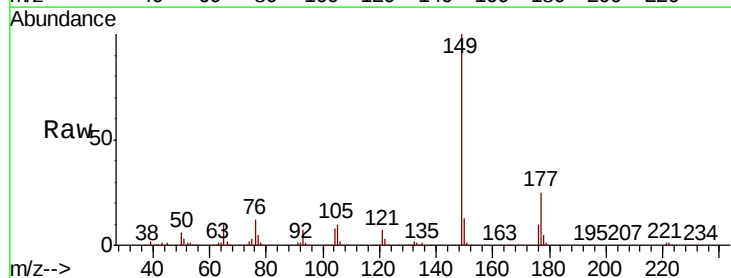
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.094 ng
RT: 15.43 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	24.5	19.3	28.9		
150	12.8	10.5	15.7		

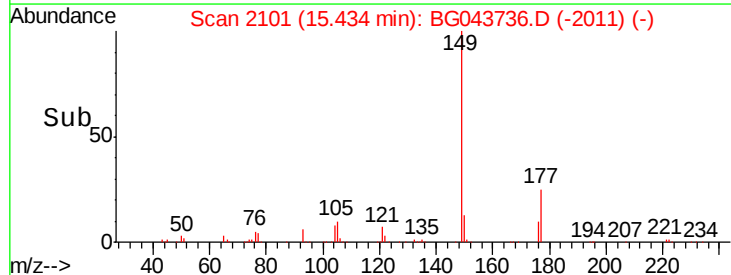
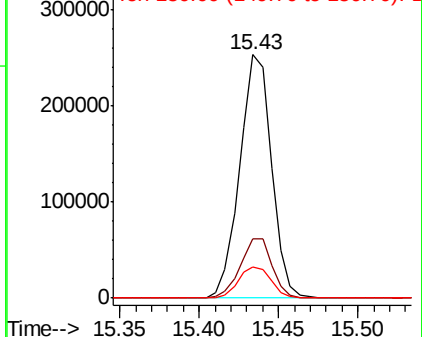


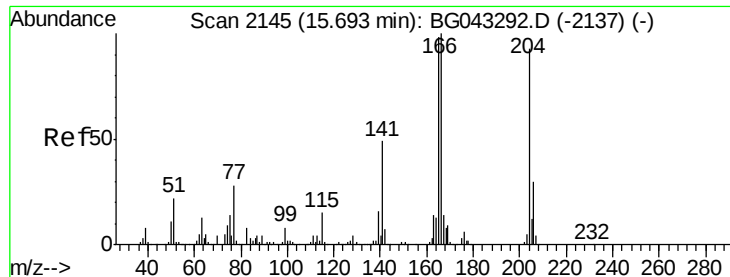
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





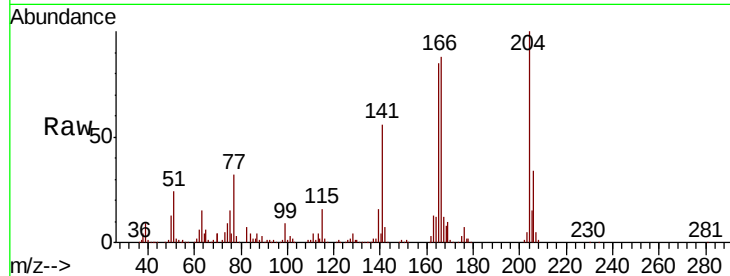
#61
4-Chlorophenyl-phenylether
Concen: 49.399 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.2	42.4
141	56.0	44.5	66.7

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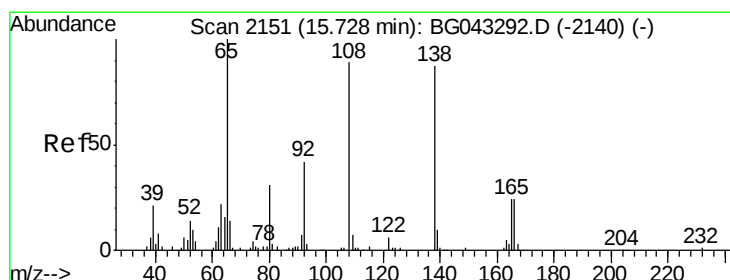
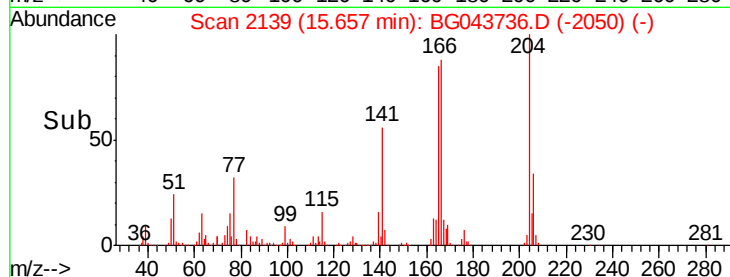
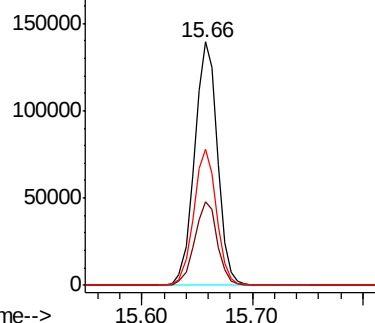


Abundance

Ion 204.00 (203.70 to 204.70): E

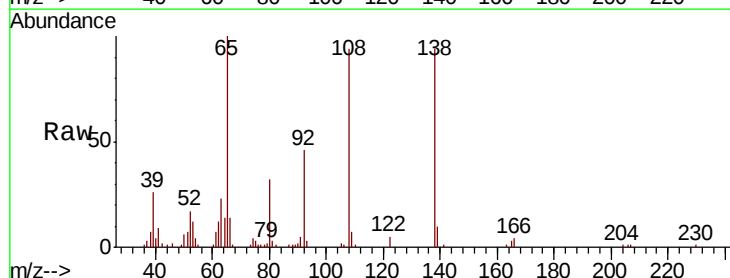
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.072 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.0	71.0
108	100.3	85.0	125.0

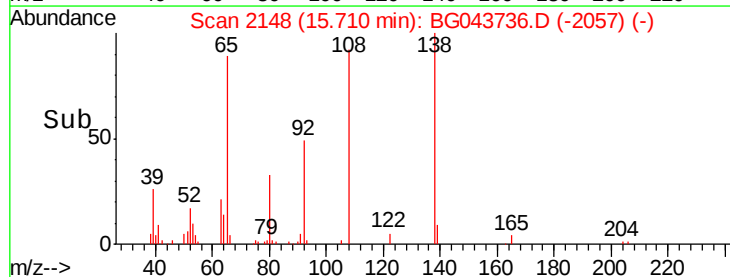
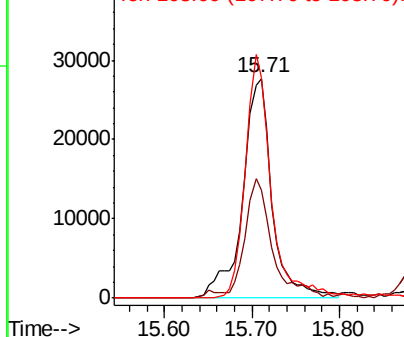


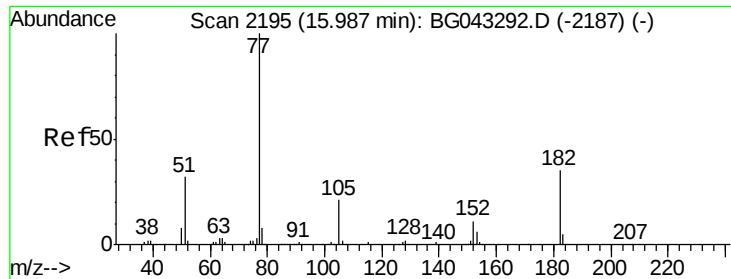
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





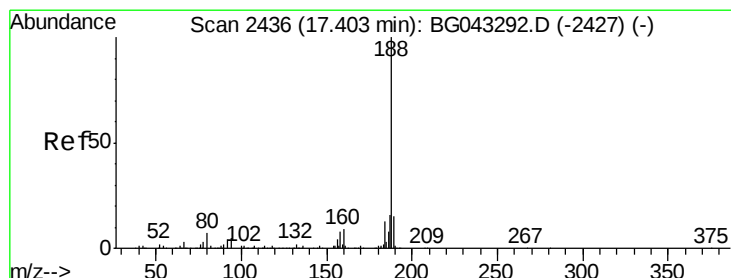
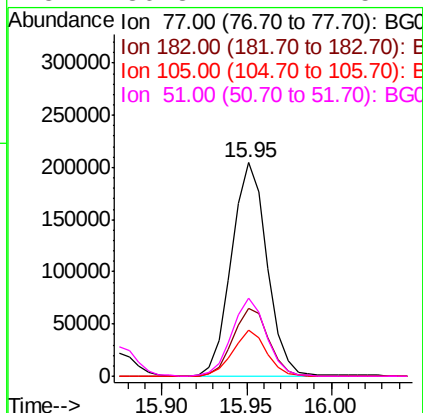
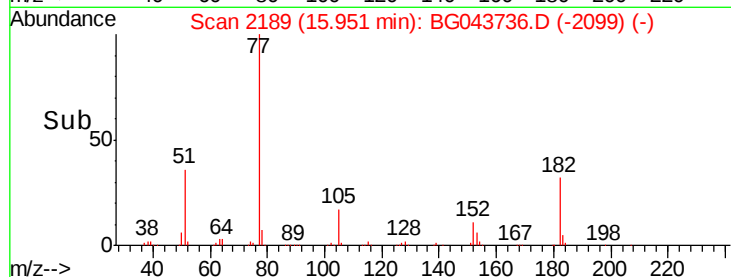
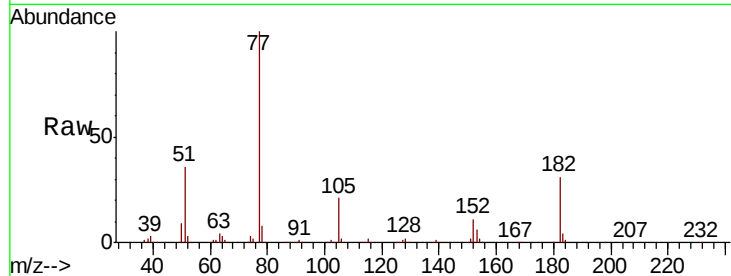
#63
Azobenzene
Concen: 50.152 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	11.2	51.2
105	21.3	1.5	41.5
51	36.3	14.7	54.7

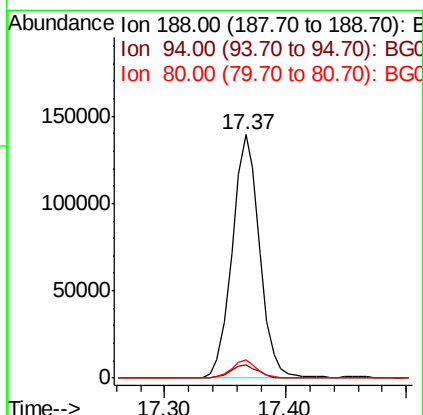
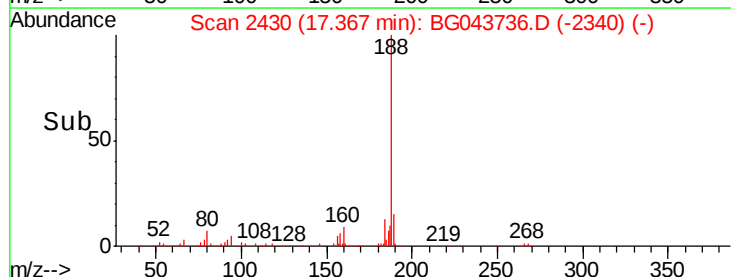
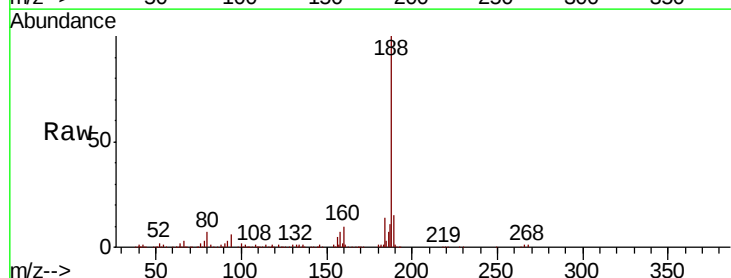
Manual Integrations
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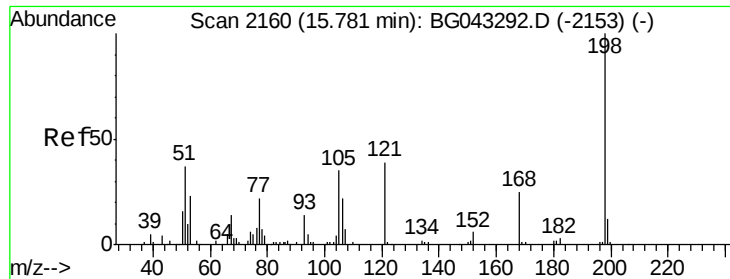
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.6	7.0
80	7.3	5.2	7.8





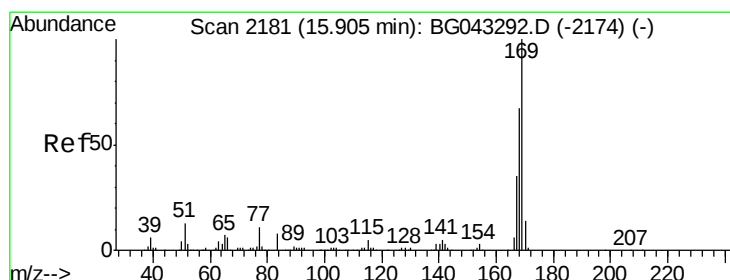
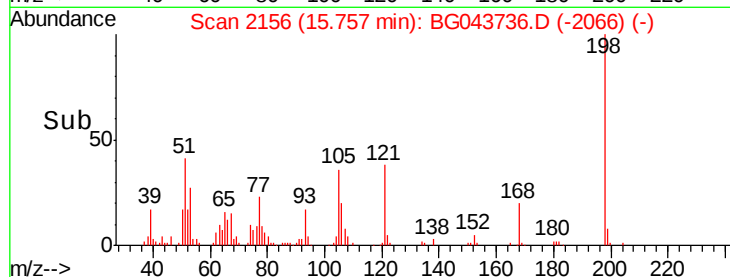
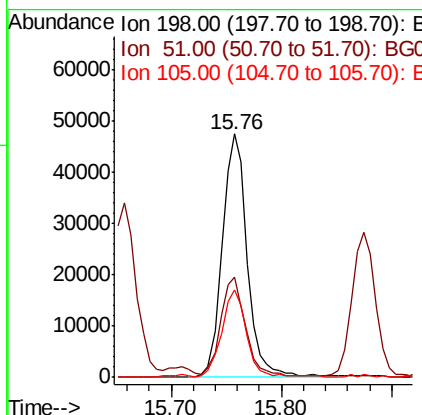
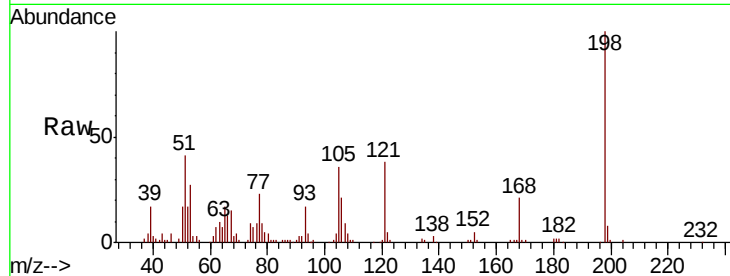
#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.957 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.0	17.3	57.3
105	36.1	13.9	53.9

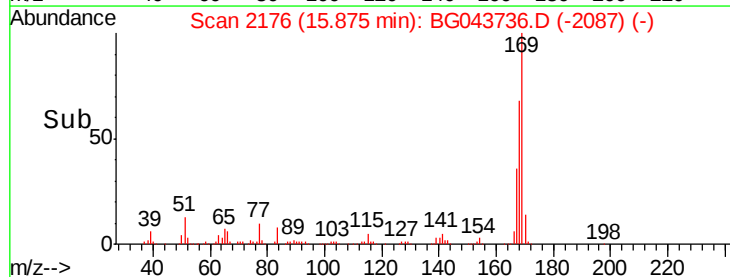
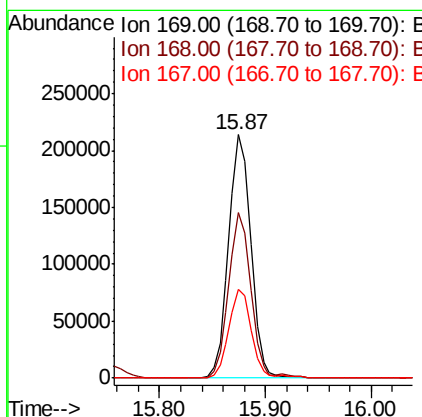
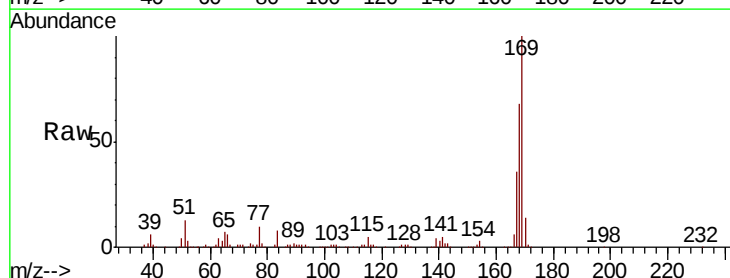
Manual Integrations
 APPROVED

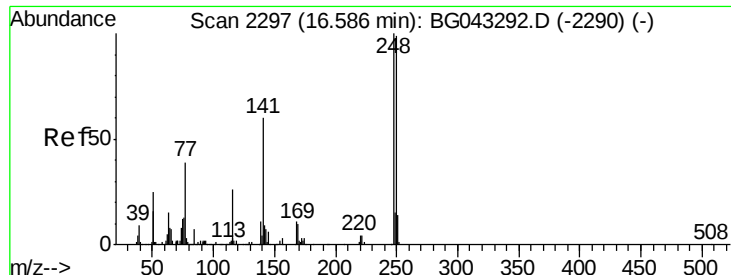
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#66
 n-Nitrosodiphenylamine
 Concen: 50.301 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	56.2	84.4
167	36.4	29.8	44.8





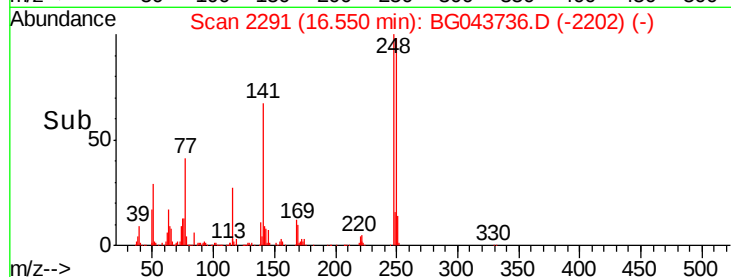
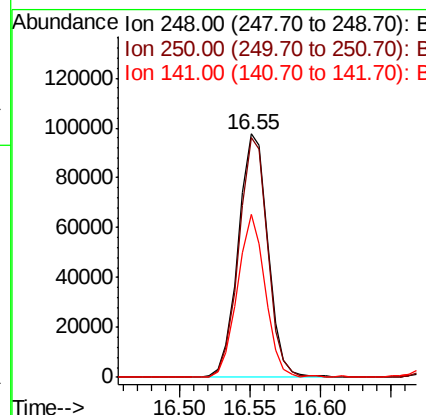
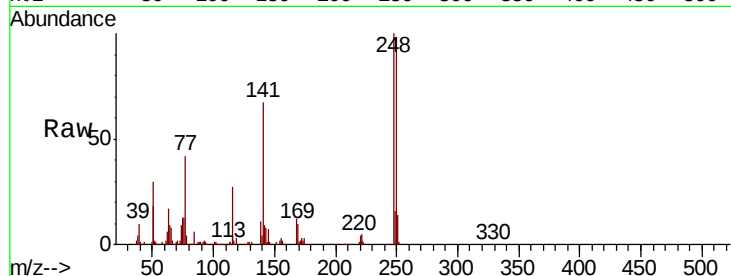
#67
4-Bromophenyl-phenylether
Concen: 48.246 ng
RT: 16.55 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.3	114.5
141	66.8	49.5	74.3

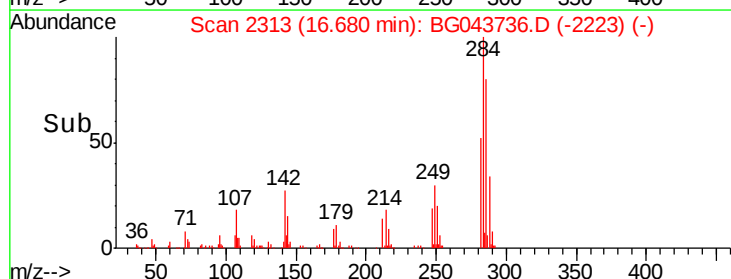
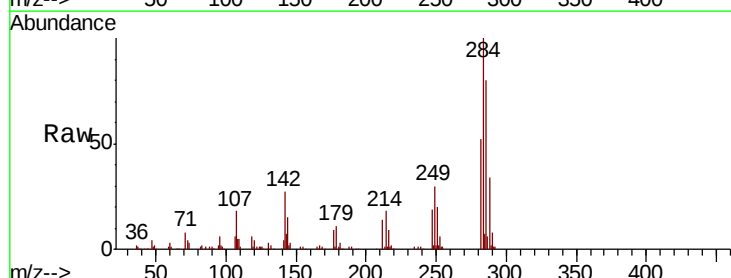
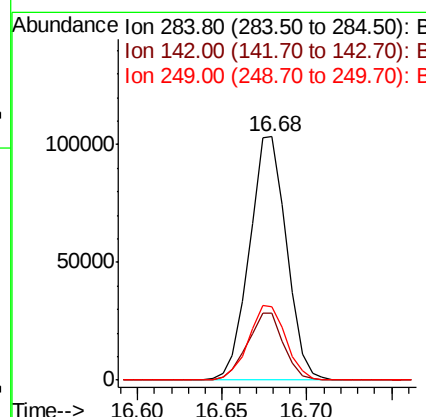
Manual Integrations
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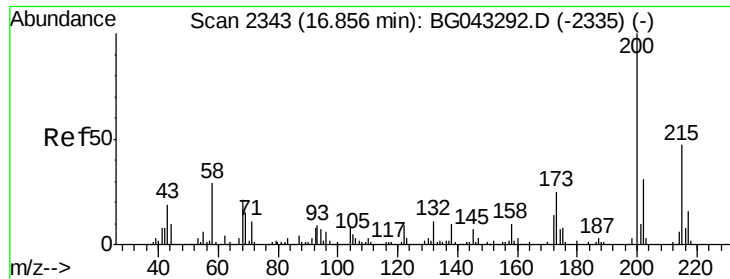
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#68
Hexachlorobenzene
Concen: 46.301 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	23.2	34.8
249	29.9	27.0	40.4





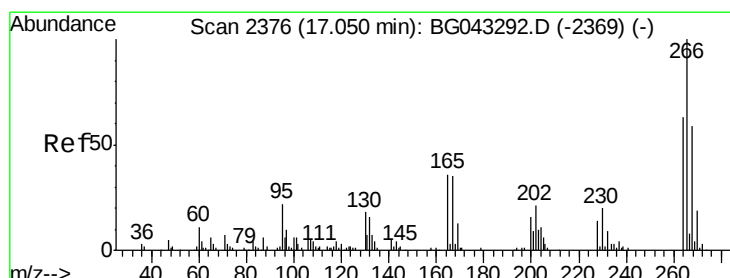
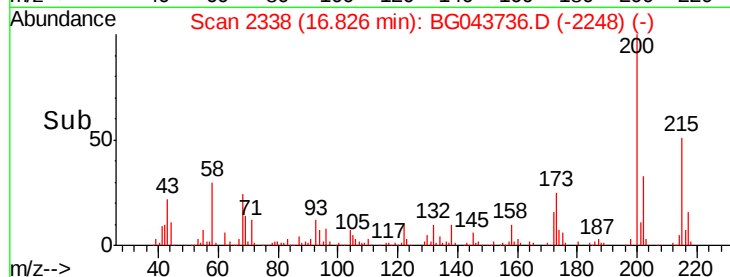
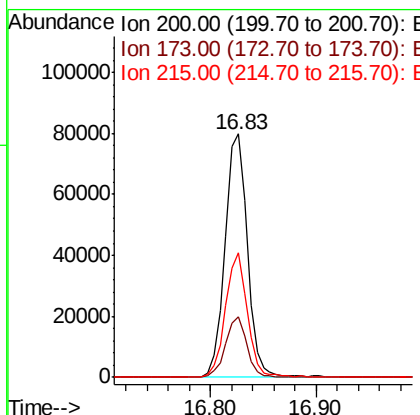
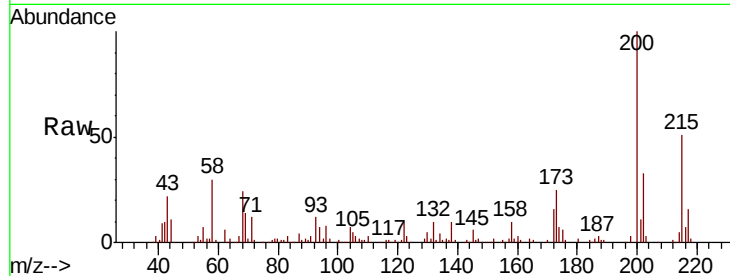
#69
Atrazine
Concen: 54.293 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.1	45.1
215	51.0	29.8	69.8

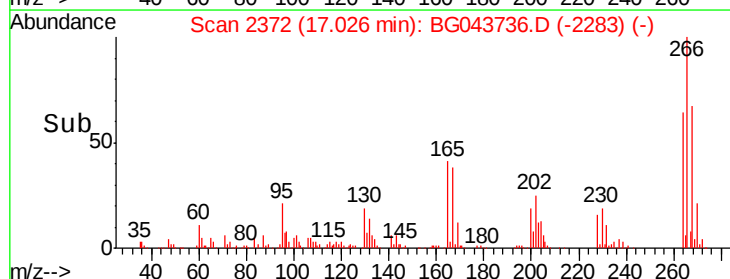
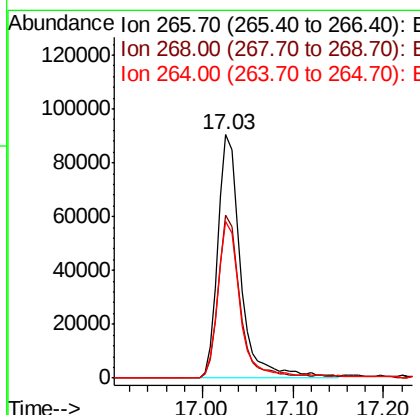
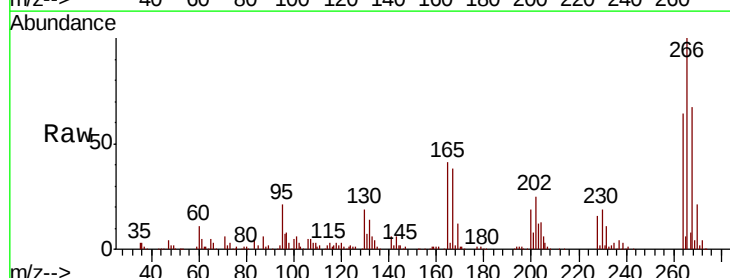
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#70
Pentachlorophenol
Concen: 101.869 ng
RT: 17.03 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.2	79.8
264	64.4	48.9	73.3





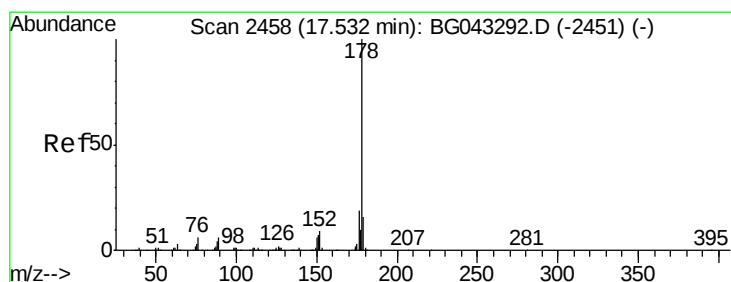
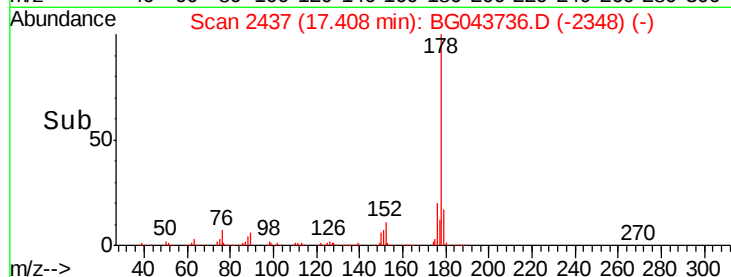
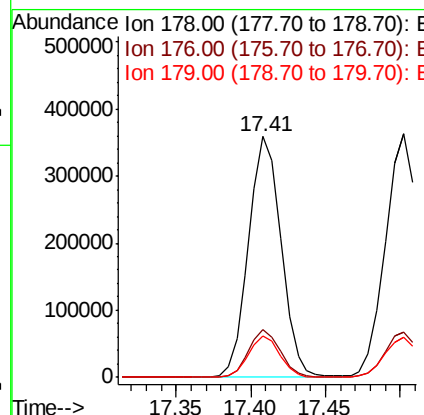
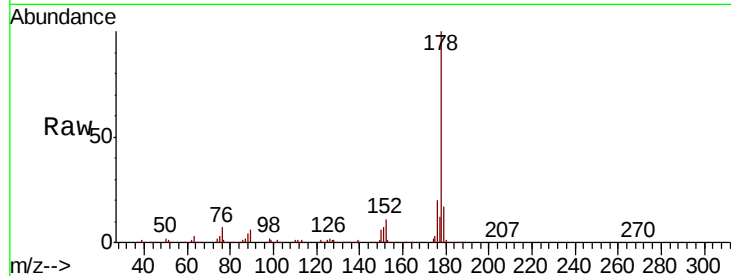
#71
Phenanthrene
Concen: 48.268 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	17.0	13.0	19.4

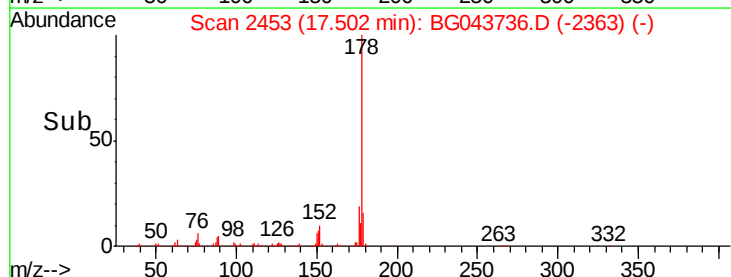
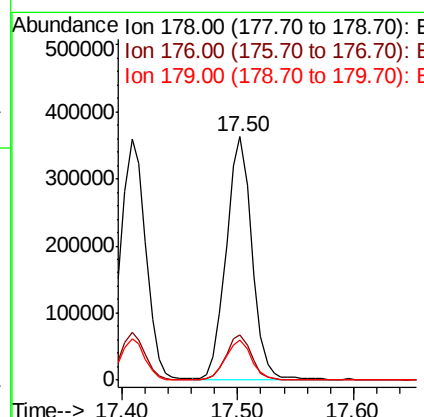
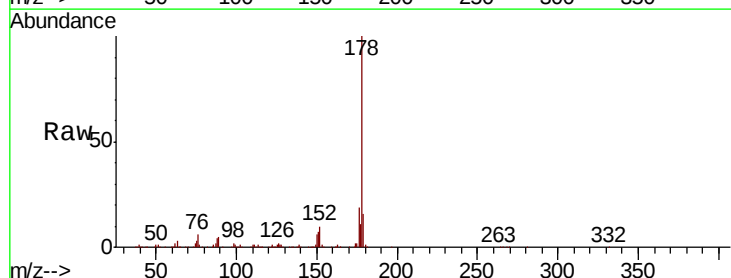
Manual Integrations
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#72
Anthracene
Concen: 49.626 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	16.4	13.3	19.9





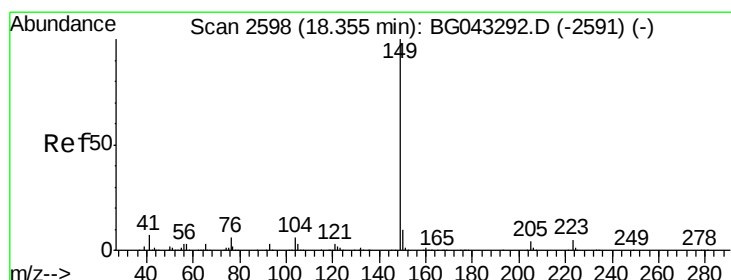
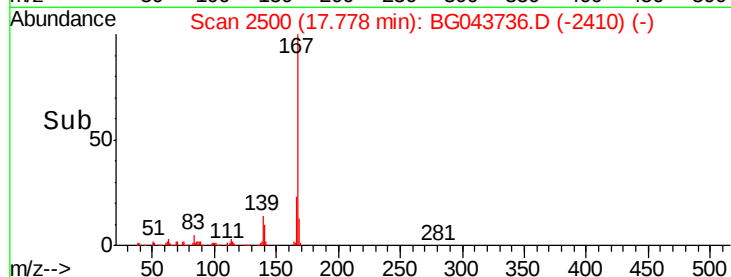
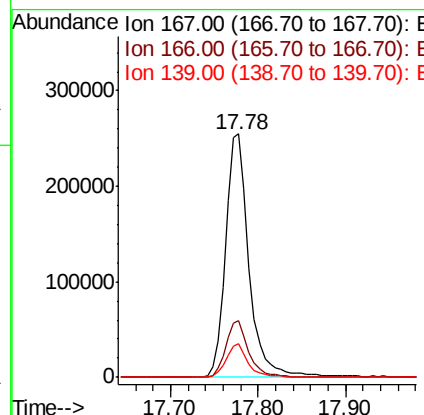
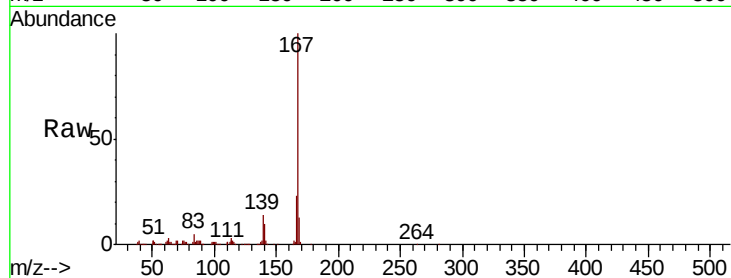
#73
 Carbazole
 Concen: 45.968 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	13.7	10.3	15.5

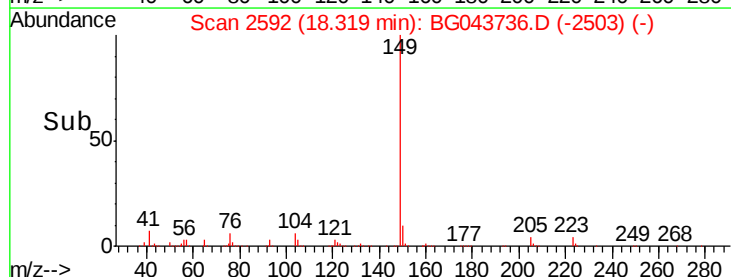
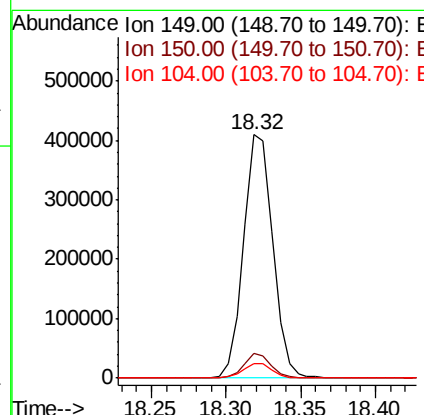
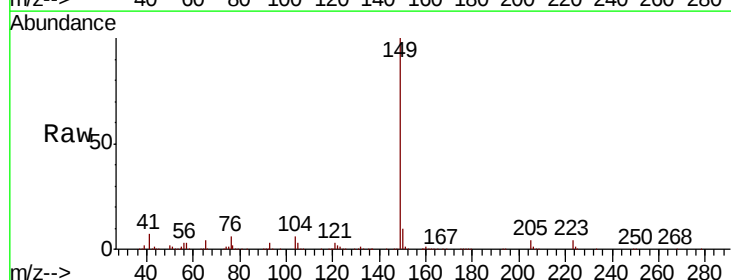
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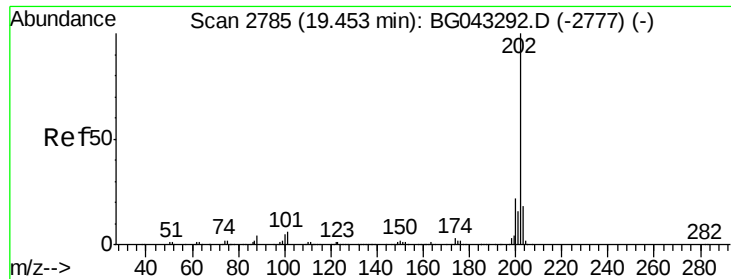
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#74
 Di-n-butylphthalate
 Concen: 44.989 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.0	4.7	7.1





#75

Fluoranthene

Concen: 45.244 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

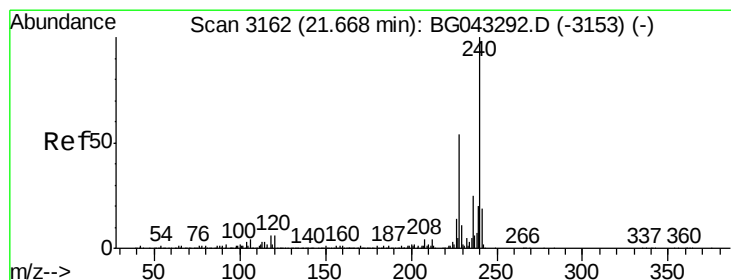
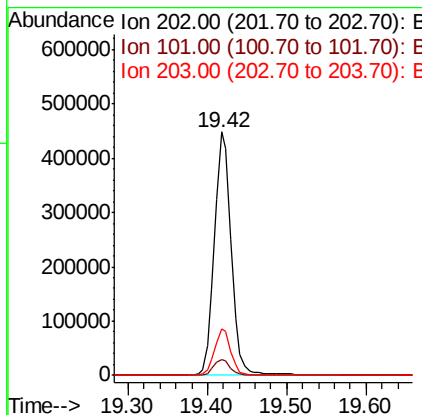
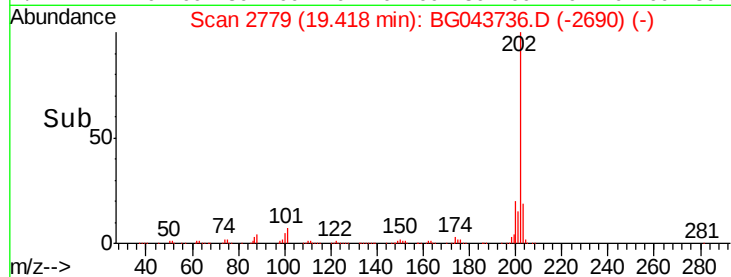
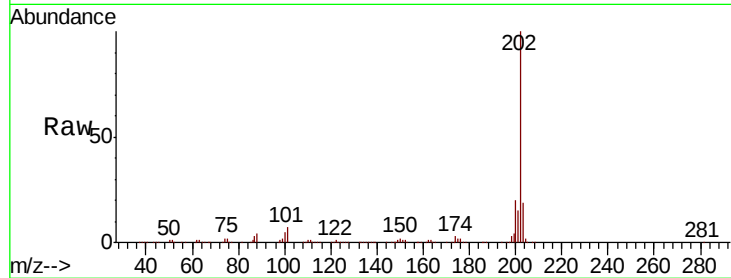
ClientSampleId :

600429836MSD

Tot Ion:	202	Resp:	664439
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	25.6
203	19.0	0.0	37.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

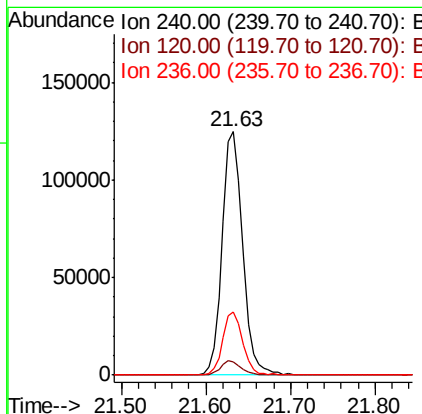
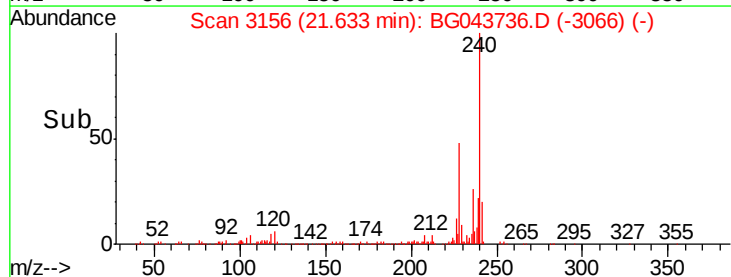
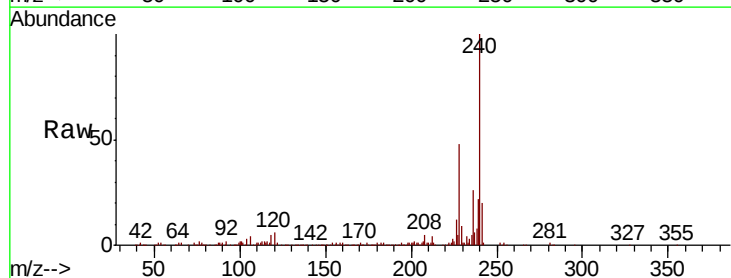
RT: 21.63 min Scan# 3156

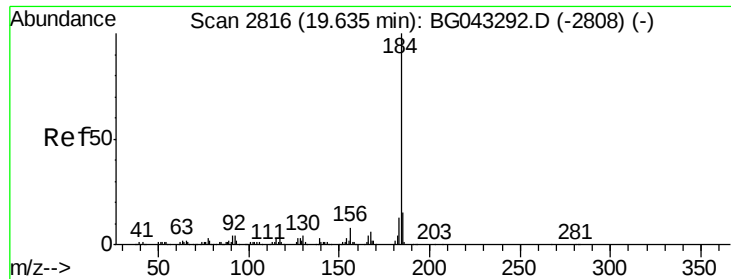
Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion:	240	Resp:	210747
Ion Ratio	Lower	Upper	
240	100		
120	5.6	4.9	7.3
236	26.1	21.4	32.0





#77

Benzidine

Concen: 5.524 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.03 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

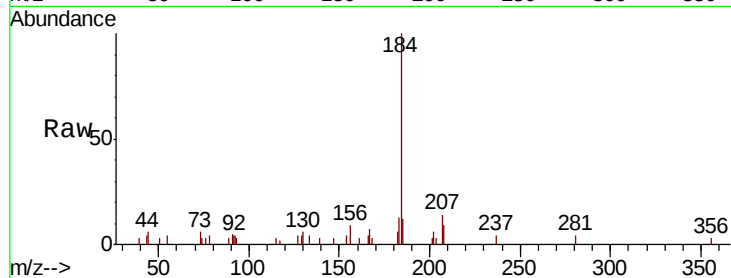
ClientSampleId :

600429836MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	11.5	12.7	19.1#
183	12.6	8.8	13.2

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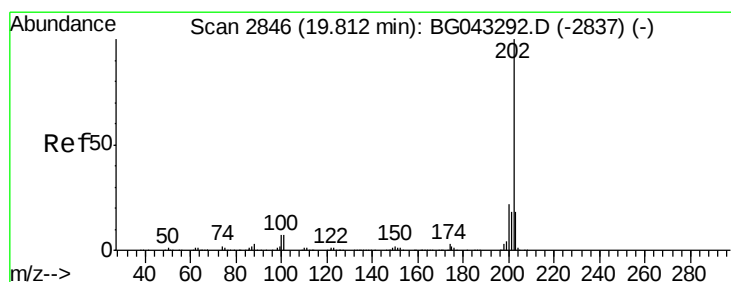
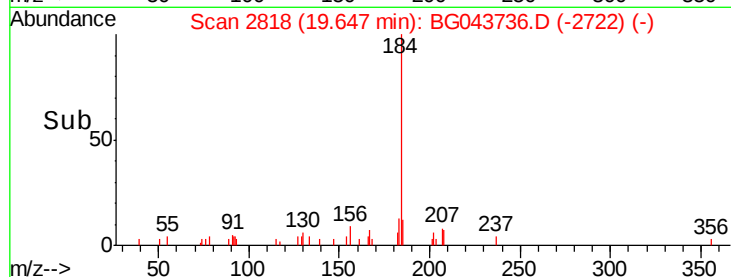
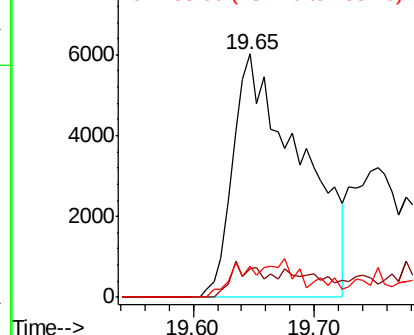


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.997 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

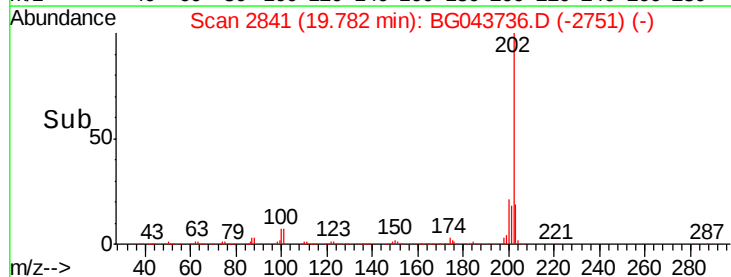
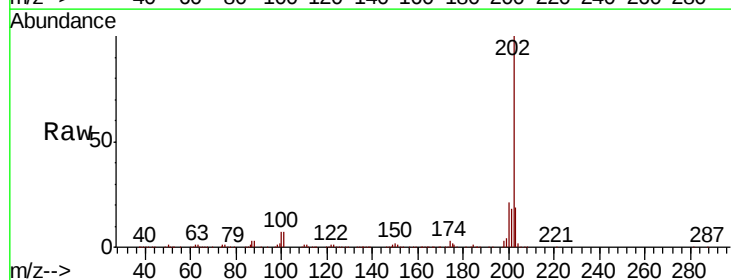
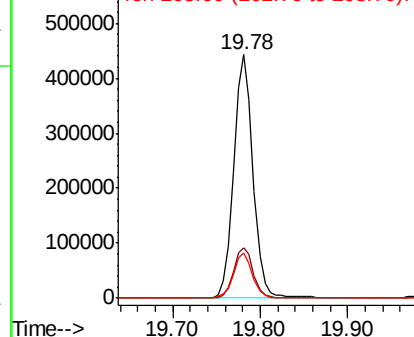
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.5	14.8	22.2

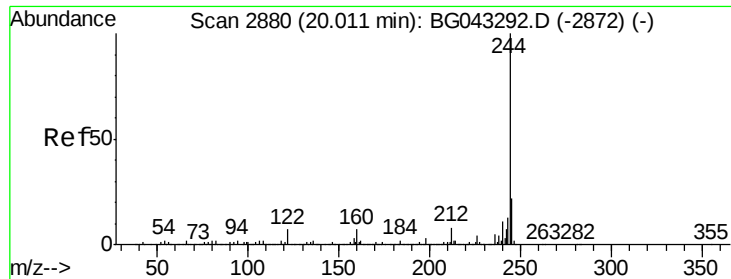
Abundance

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





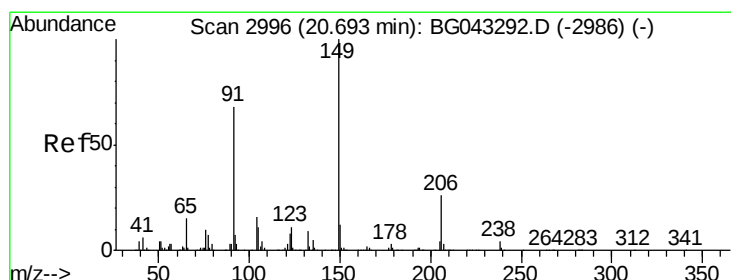
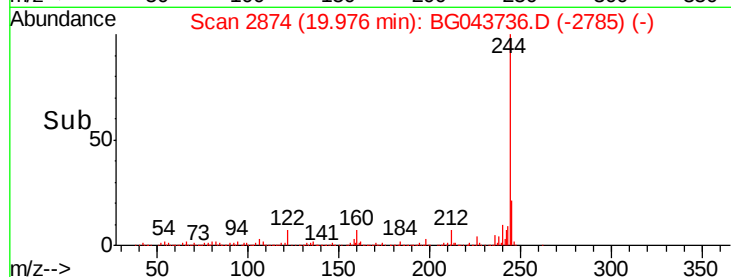
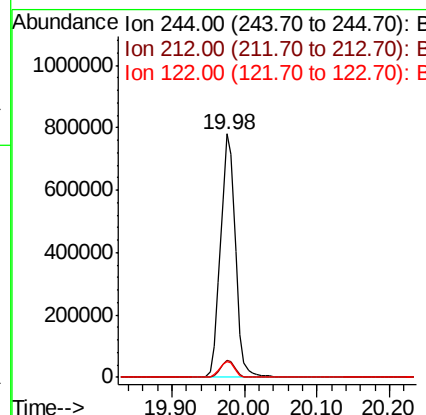
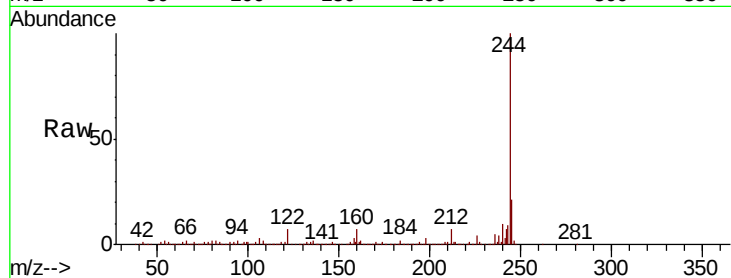
#79
 Terphenyl-d14
 Concen: 99.420 ng
 RT: 19.98 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.6	5.2	7.8

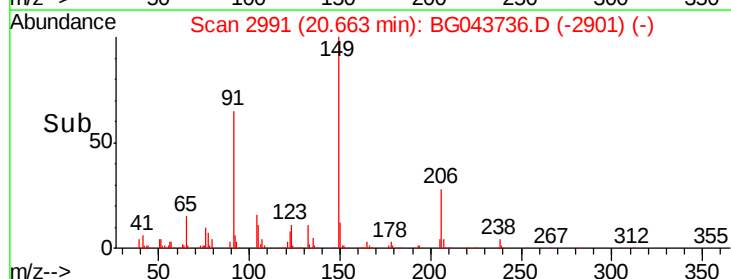
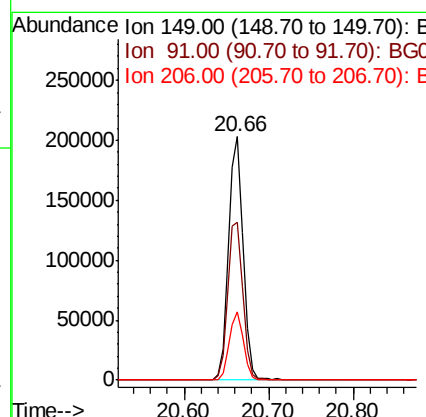
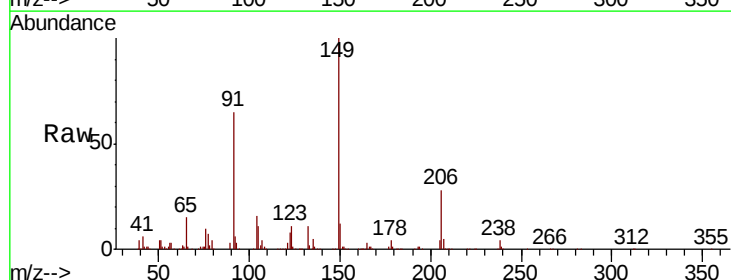
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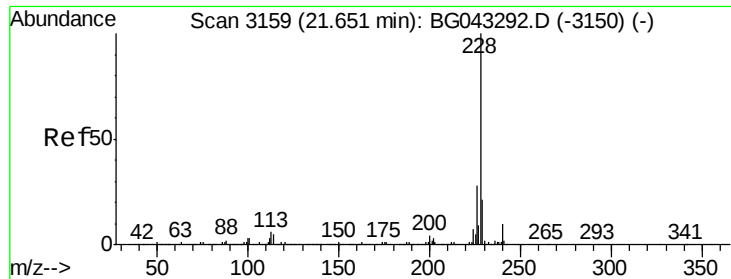
mohammad
 11/21/2019 1:05:36 PM



#80
 Butylbenzylphthalate
 Concen: 48.860 ng
 RT: 20.66 min Scan# 2991
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.9	55.4	83.0
206	28.1	20.2	30.4





#81

Benzo(a)anthracene

Concen: 50.790 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Instrument :

BNA_G

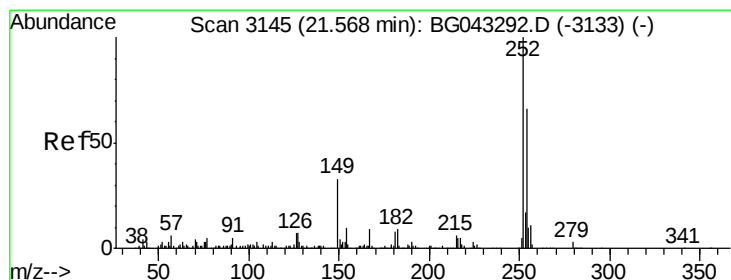
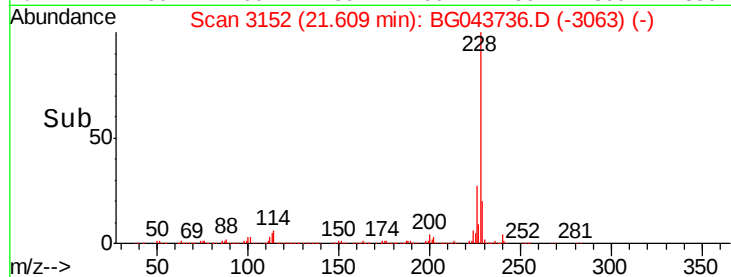
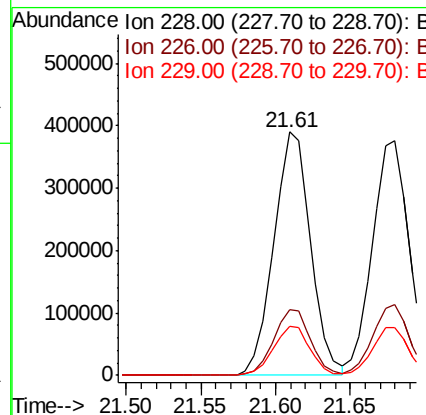
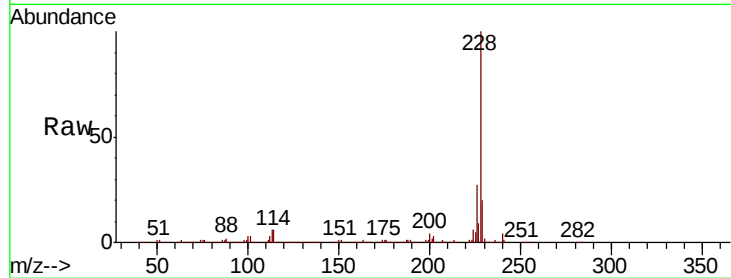
ClientSampleId :

600429836MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.0	21.8	32.6		
229	20.2	15.9	23.9		

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#82

3,3'-Dichlorobenzidine

Concen: 17.502 ng

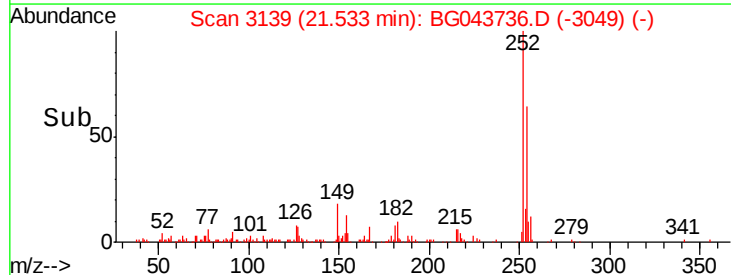
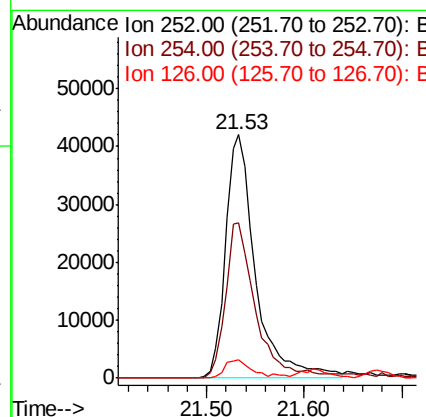
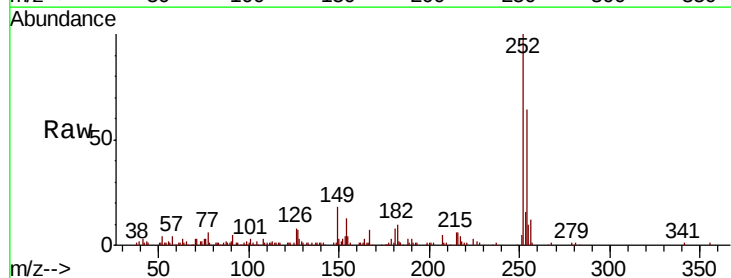
RT: 21.53 min Scan# 3139

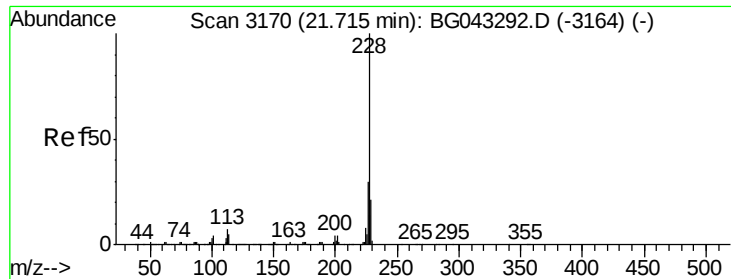
Delta R.T. -0.00 min

Lab File: BG043736.D

Acq: 20 Nov 2019 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	63.7	50.2	75.4		
126	7.7	5.4	8.0		





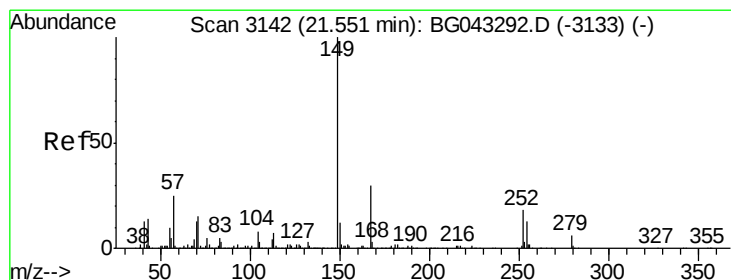
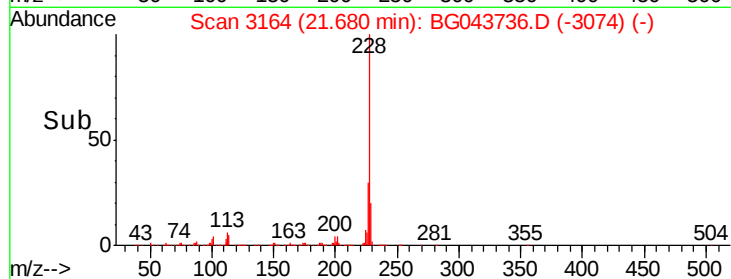
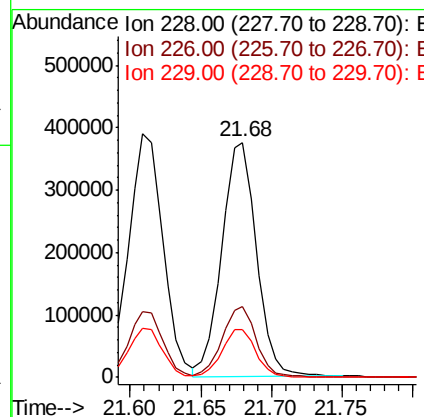
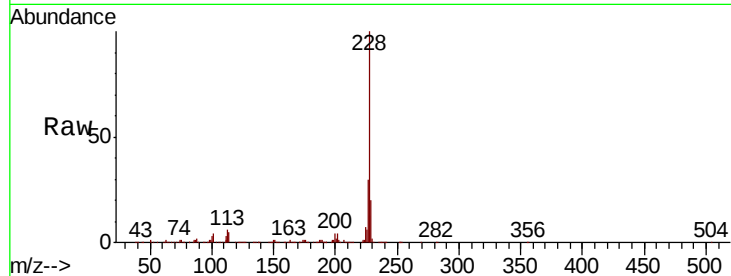
#83
 Chrysene
 Concen: 48.844 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :
 600429836MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	20.2	16.5	24.7

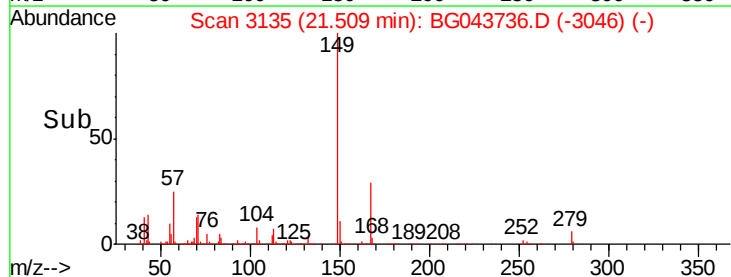
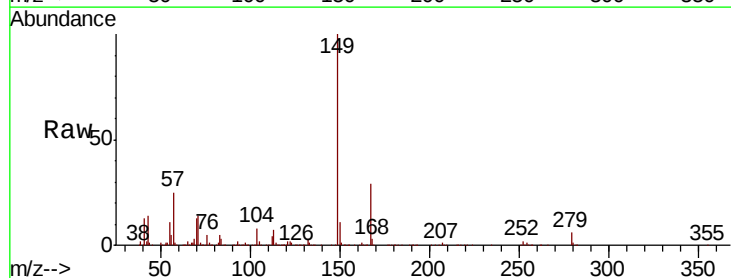
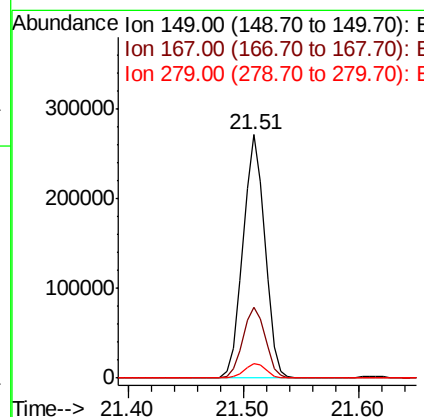
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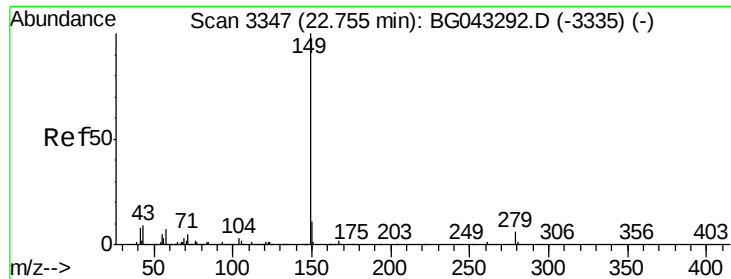
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.829 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG043736.D
 Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.8	37.2
279	6.0	5.4	8.0





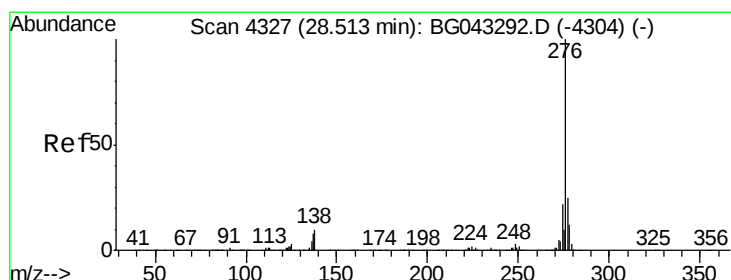
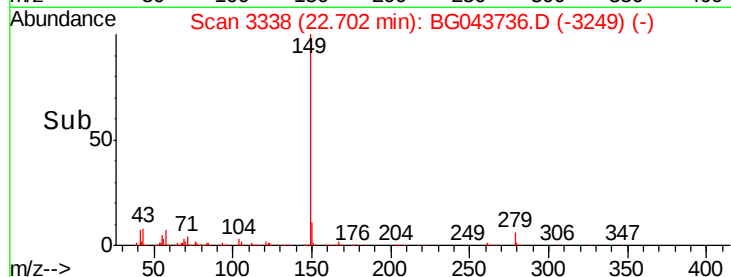
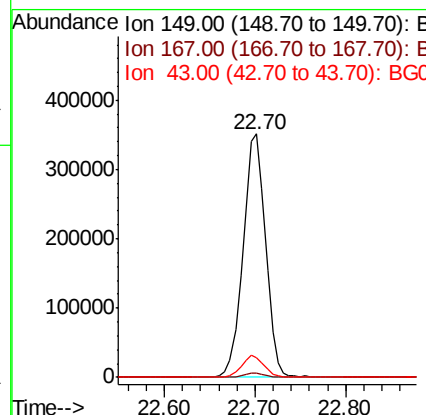
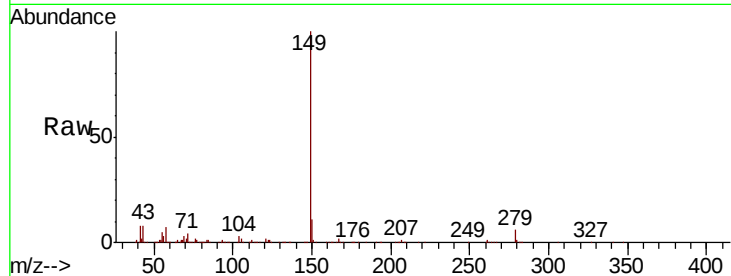
#85
Di-n-octyl phthalate
Concen: 50.794 ng
RT: 22.70 min Scan# 3338
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	604991		
167	1.8		1.4	2.2
43	9.0		7.8	11.8

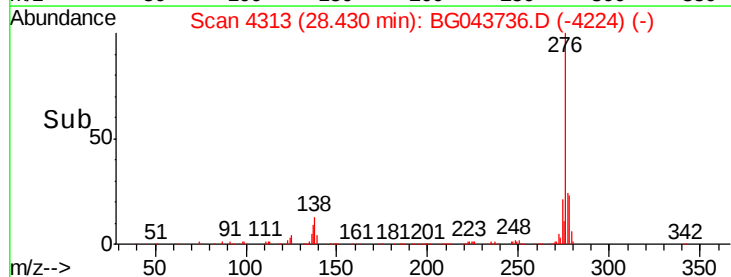
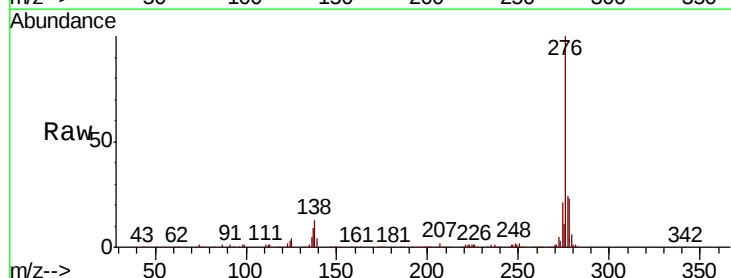
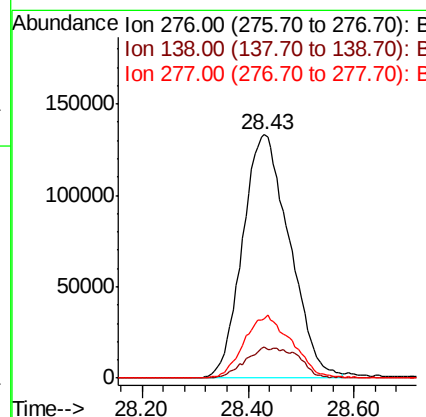
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.935 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	822143		
138	6.9		11.3	16.9#
277	26.1		20.6	31.0





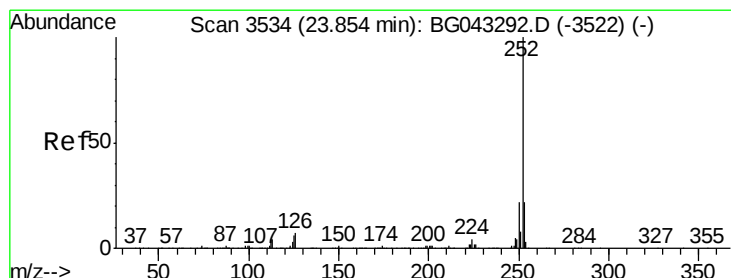
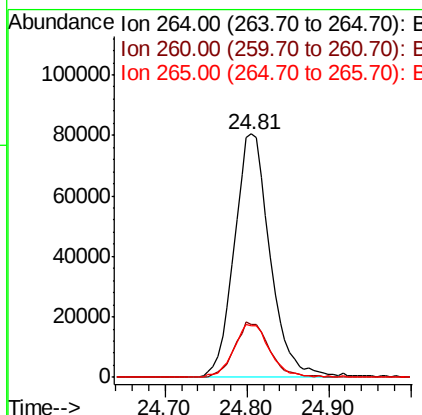
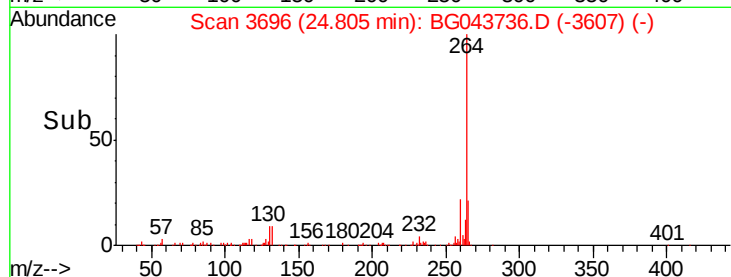
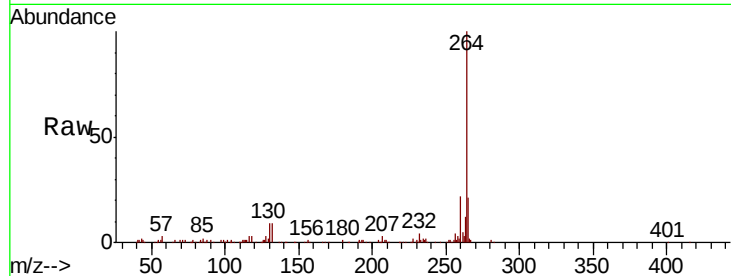
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	21.2	15.8	23.8

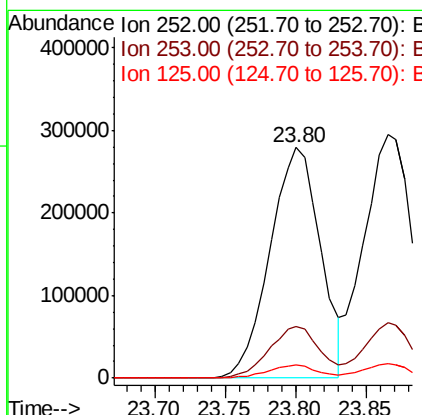
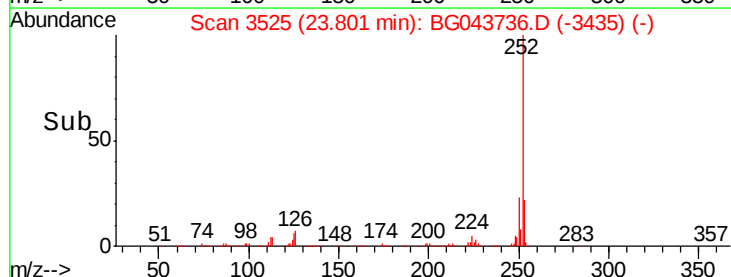
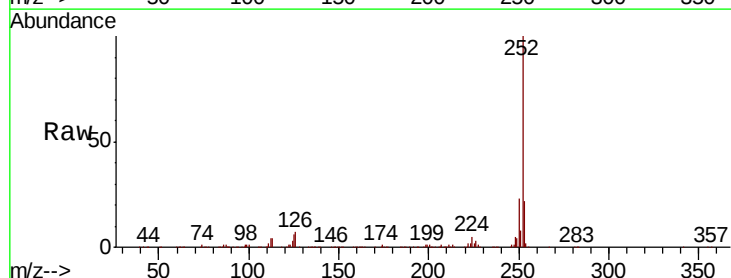
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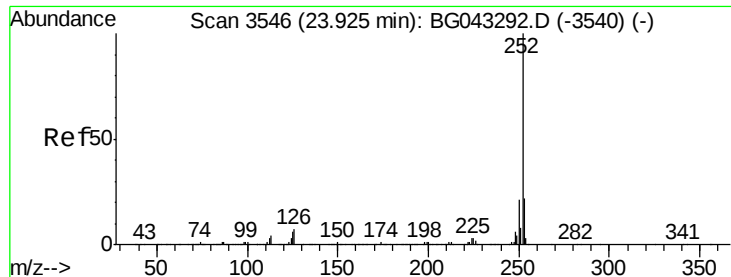
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#88
Benzo(b)fluoranthene
Concen: 50.179 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	5.6	4.5	6.7





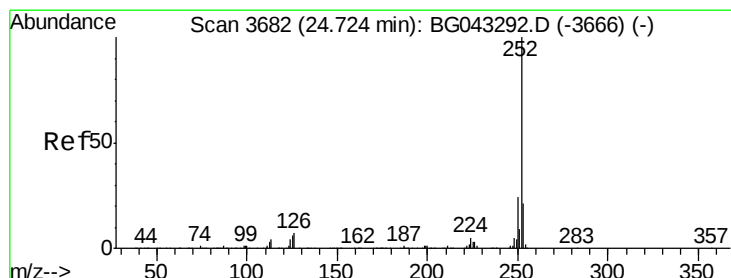
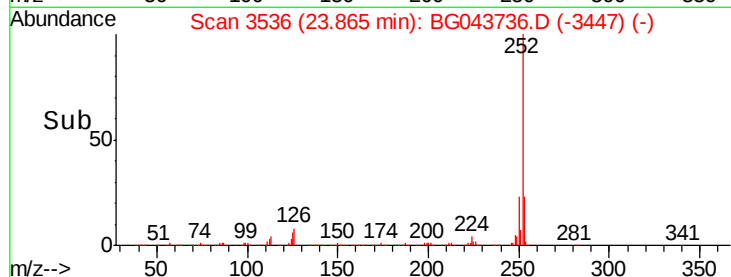
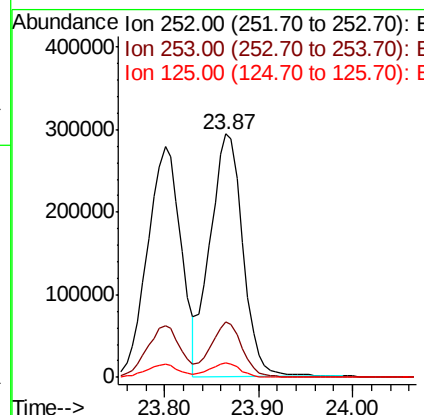
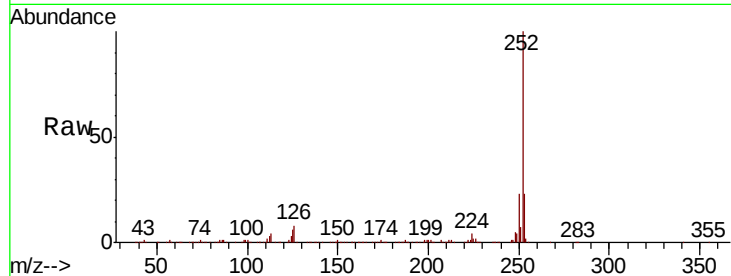
#89
Benzo(k)fluoranthene
Concen: 51.442 ng
RT: 23.87 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	5.8	4.7	7.1

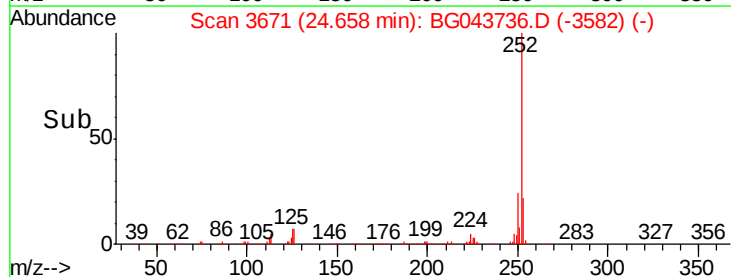
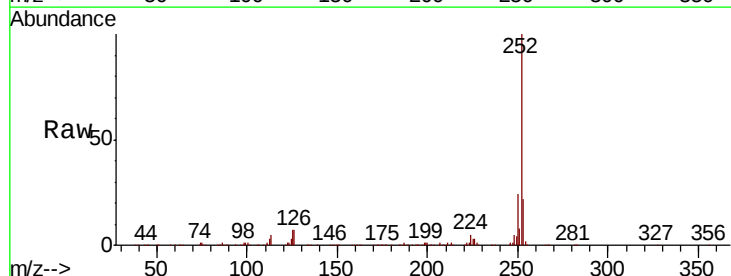
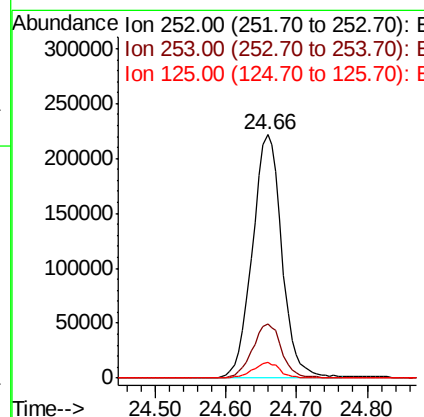
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#90
Benzo(a)pyrene
Concen: 48.958 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	6.6	5.0	7.6





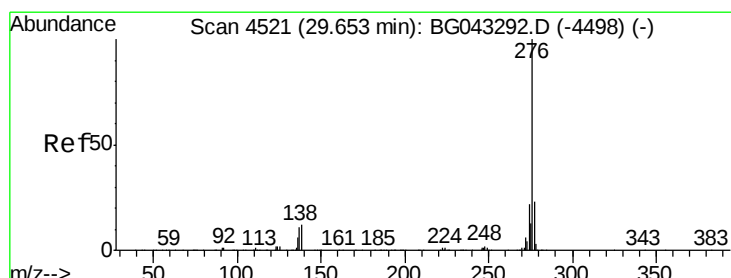
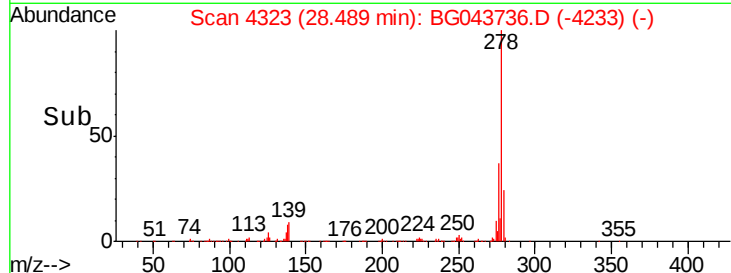
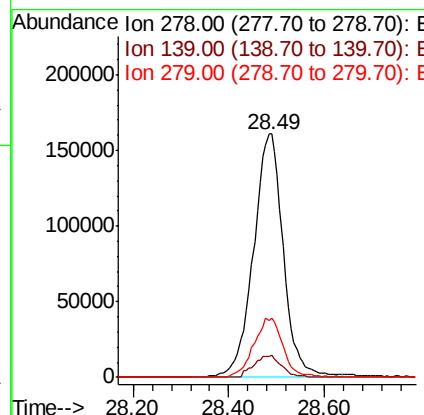
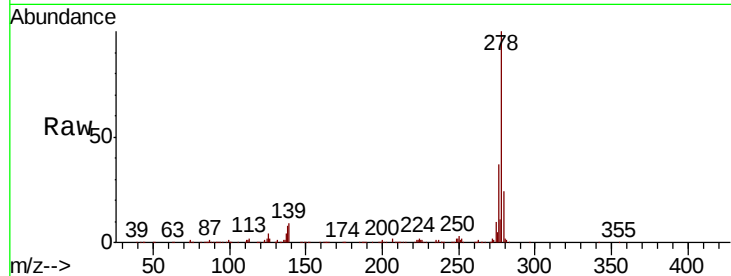
#91
Dibenzo(a,h)anthracene
Concen: 51.503 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.2	10.8
279	24.1	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 51.588 ng
RT: 29.56 min Scan# 4506
Delta R.T. -0.01 min
Lab File: BG043736.D
Acq: 20 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	10.5	9.7	14.5

