

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
 Data File : BG040660.D
 Acq On : 29 Apr 2019 14:10
 Operator : JU/SJ
 Sample : PB119233BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Manual Integrations
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Sohil
 4/30/2019 6:44:41 PM

Quant Time: Apr 30 05:40:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 05:31:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	71584	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	310068	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	216465	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	587189	20.00	ng	0.00
76) Chrysene-d12	21.82	240	664754	20.00	ng	0.00
87) Perylene-d12	25.19	264	488317	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	619483	152.55	ng	0.00
7) Phenol-d6	7.30	99	882046	141.07	ng	0.00
23) Nitrobenzene-d5	9.33	82	551764	82.22	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	449049	150.92	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1125613	75.10	ng	0.00
79) Terphenyl-d14	20.12	244	2125175	70.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	73263	39.670	ng	96
3) Pyridine	3.95	79	132914	24.830	ng	98
4) n-Nitrosodimethylamine	3.87	42	109326	36.820	ng	# 97
6) Aniline	7.47	93	233940	28.228	ng	99
8) 2-Chlorophenol	7.72	128	220025	44.373	ng	97
9) Benzaldehyde	7.29	77	10364m	2.673	ng	
10) Phenol	7.32	94	311832	46.395	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	210843	41.833	ng	99
12) 1,3-Dichlorobenzene	8.04	146	208997	38.616	ng	98
13) 1,4-Dichlorobenzene	8.19	146	217775	39.693	ng	99
14) 1,2-Dichlorobenzene	8.51	146	210899	39.859	ng	98
15) Benzyl Alcohol	8.39	79	279790	43.006	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	406086	40.468	ng	97
17) 2-Methylphenol	8.58	107	214175	45.027	ng	95
18) Hexachloroethane	9.24	117	86903	38.613	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	219273	38.958	ng	99
20) 3+4-Methylphenols	8.91	107	298971	45.119	ng	97
22) Acetophenone	8.98	105	369229	42.823	ng	# 99
24) Nitrobenzene	9.38	77	320292	44.735	ng	98
25) Isophorone	9.89	82	602811	40.328	ng	99
26) 2-Nitrophenol	10.08	139	127935	49.849	ng	91
27) 2,4-Dimethylphenol	10.12	122	241132	50.075	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	305166	40.691	ng	97
29) 2,4-Dichlorophenol	10.61	162	253479	46.302	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	260957	42.985	ng	98
31) Naphthalene	11.03	128	683369	41.484	ng	99
32) Benzoic acid	10.28	122	175906	53.361	ng	87
33) 4-Chloroaniline	11.13	127	184211	25.222	ng	98
34) Hexachlorobutadiene	11.29	225	191711	42.774	ng	96
35) Caprolactam	11.94	113	88742m	41.058	ng	
36) 4-Chloro-3-methylphenol	12.23	107	305302	44.208	ng	96
37) 2-Methylnaphthalene	12.62	142	521926	42.376	ng	99
38) 1-Methylnaphthalene	12.84	142	500293	41.557	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	353242	43.806	ng	99

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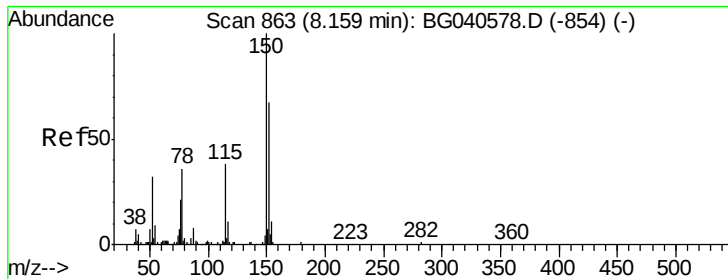
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	312512	65.677	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	238438	48.930	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	250319	47.155	ng	99
46) 1,1'-Biphenyl	13.62	154	692729	41.218	ng	98
47) 2-Chloronaphthalene	13.67	162	554914	42.190	ng	98
48) 2-Nitroaniline	13.87	65	240149	51.294	ng	98
49) Acenaphthylene	14.51	152	886359	39.720	ng	99
50) Dimethylphthalate	14.24	163	765558	42.270	ng	99
51) 2,6-Dinitrotoluene	14.36	165	168358	47.629	ng	98
52) Acenaphthene	14.85	154	534113	41.100	ng	96
53) 3-Nitroaniline	14.70	138	139089	38.404	ng	99
54) 2,4-Dinitrophenol	14.89	184	219349	107.395	ng	# 84
55) Dibenzofuran	15.18	168	893535	41.978	ng	97
56) 4-Nitrophenol	14.98	139	306968	97.746	ng	96
57) 2,4-Dinitrotoluene	15.14	165	246459	51.312	ng	98
58) Fluorene	15.83	166	720693	41.890	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	268108	50.179	ng	99
60) Diethylphthalate	15.59	149	815524	42.678	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	438708	43.844	ng	100
62) 4-Nitroaniline	15.86	138	185273	45.731	ng	99
63) Azobenzene	16.11	77	814901	41.409	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	146077	50.121	ng	97
66) n-Nitrosodiphenylamine	16.03	169	680728	39.404	ng	100
67) 4-Bromophenyl-phenylether	16.71	248	298000	40.735	ng	98
68) Hexachlorobenzene	16.82	284	311329	41.158	ng	99
69) Atrazine	16.97	200	263500	38.498	ng	99
70) Pentachlorophenol	17.17	266	424012	95.792	ng	99
71) Phenanthrene	17.57	178	1269199	40.130	ng	95
72) Anthracene	17.66	178	1281983	40.325	ng	97
73) Carbazole	17.93	167	1175287	40.578	ng	98
74) Di-n-butylphthalate	18.47	149	1426720	40.811	ng	98
75) Fluoranthene	19.57	202	1633700	41.451	ng	98
77) Benzidine	19.75	184	344585	18.932	ng	99
78) Pyrene	19.94	202	1599623	38.394	ng	95
80) Butylbenzylphthalate	20.81	149	672349	41.404	ng	98
81) Benzo(a)anthracene	21.80	228	1632276	38.852	ng	97
82) 3,3'-Dichlorobenzidine	21.71	252	514952	34.389	ng	97
83) Chrysene	21.87	228	1578438	39.505	ng	96
84) Bis(2-ethylhexyl)phthalate	21.68	149	937116	39.978	ng	97
85) Di-n-octyl phthalate	22.94	149	1605404	40.667	ng	99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1976707	40.919	ng	# 92
88) Benzo(b)fluoranthene	24.11	252	1670947	55.996	ng	97
89) Benzo(k)fluoranthene	24.19	252	1609752	57.764	ng	97
90) Benzo(a)pyrene	25.04	252	1633194	57.820	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	1628494	56.971	ng	97
92) Benzo(g,h,i)perylene	30.31	276	1635877	57.504	ng	97

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



#1

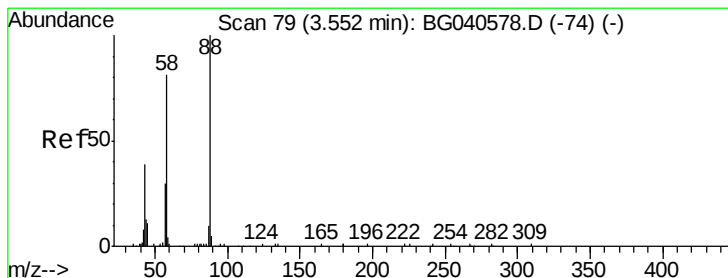
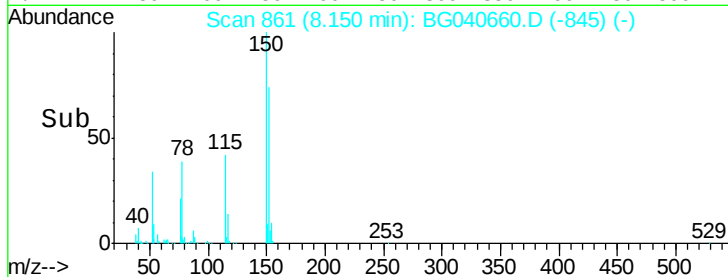
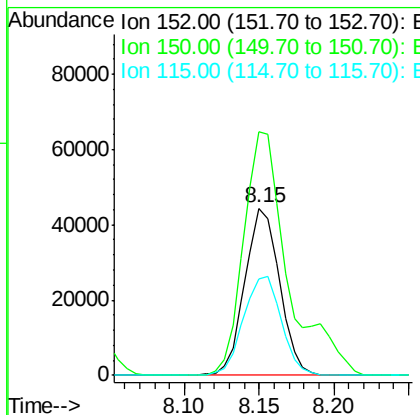
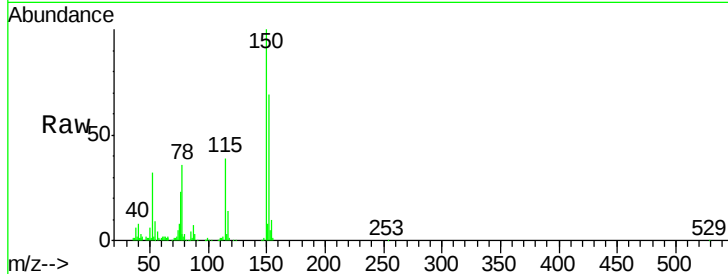
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.7	120.2	180.2
115	57.4	46.2	69.2

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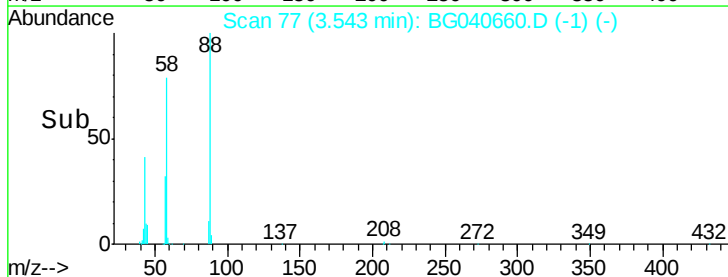
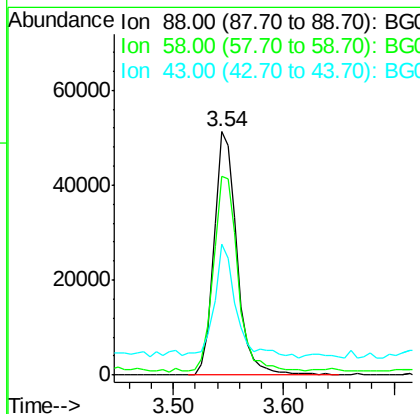
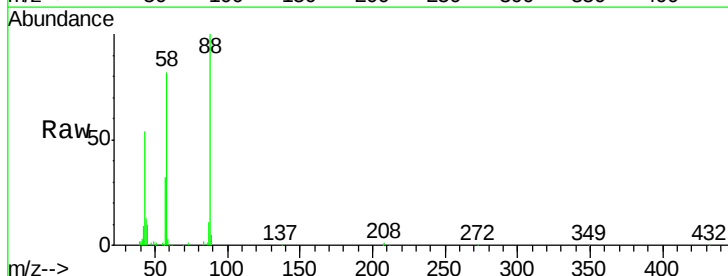
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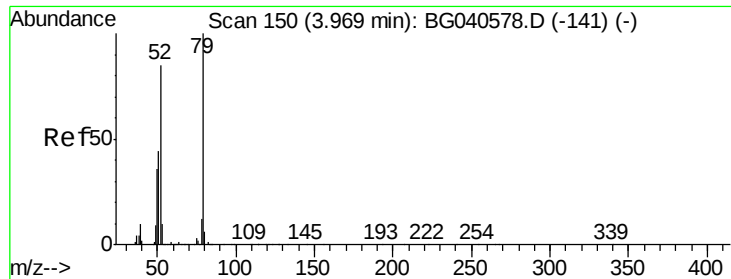


#2

1,4-Dioxane
Concen: 39.670 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	71.2	106.8
43	45.4	35.6	53.4





#3

Pyridine

Concen: 24.830 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

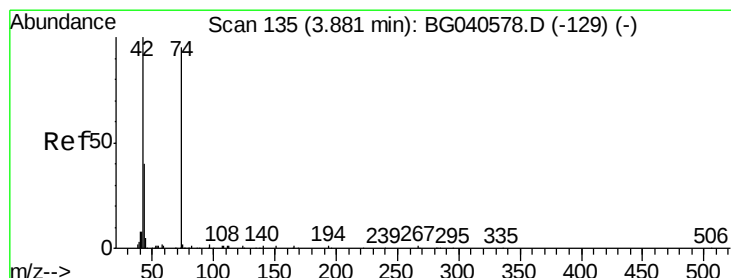
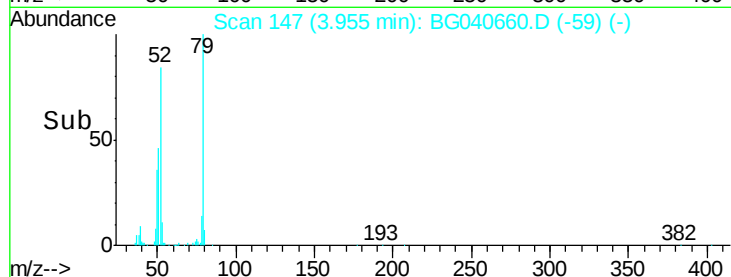
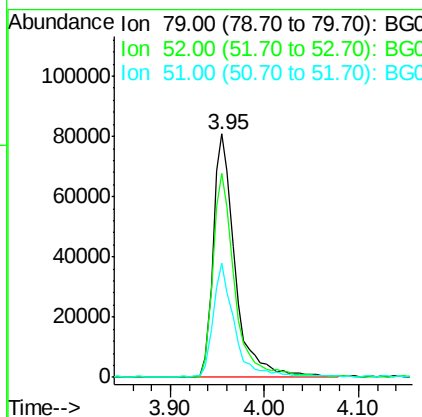
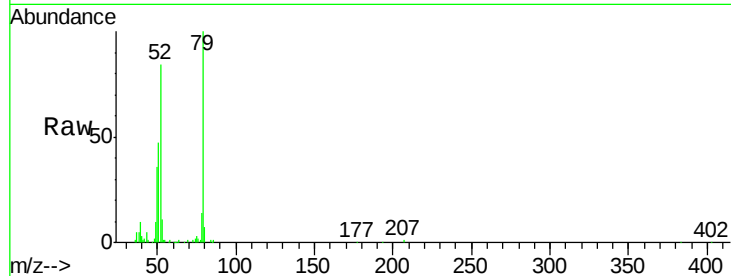
ClientSampled :

PB119233BSD

Tgt Ion:	79	Resp:	132914
Ion	Ratio	Lower	Upper
79	100		
52	83.9	67.5	101.3
51	46.9	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 36.820 ng

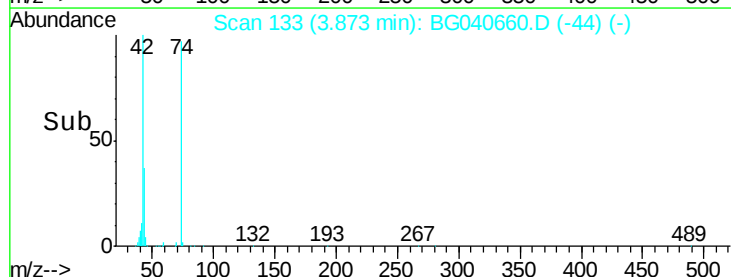
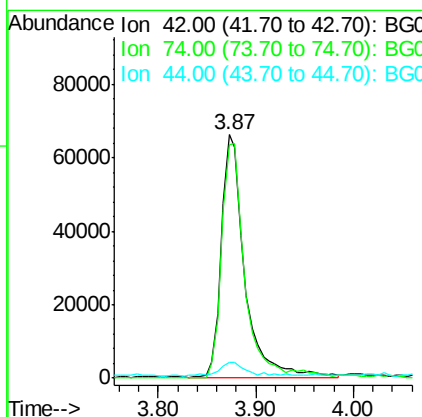
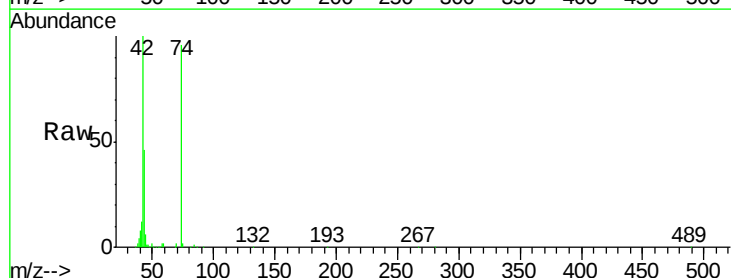
RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	42	Resp:	109326
Ion	Ratio	Lower	Upper
42	100		
74	96.1	74.6	111.8
44	6.5	7.4	11.0#





#5

2-Fluorophenol

Concen: 152.548 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

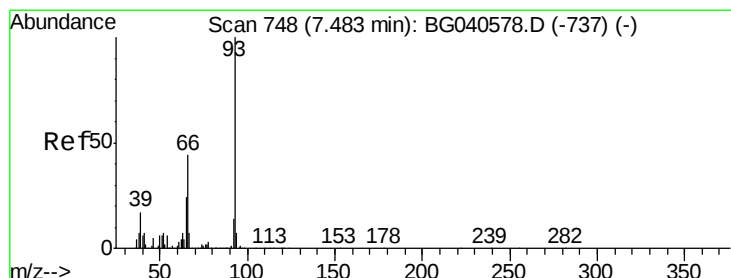
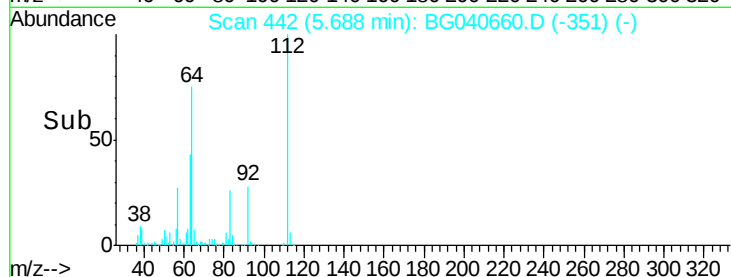
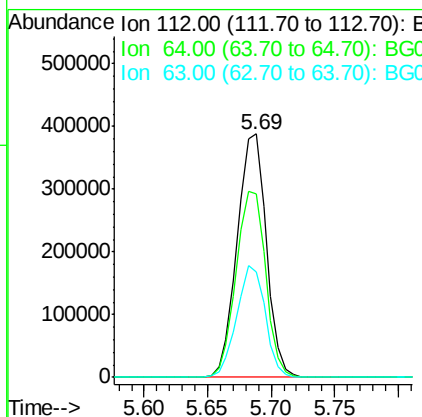
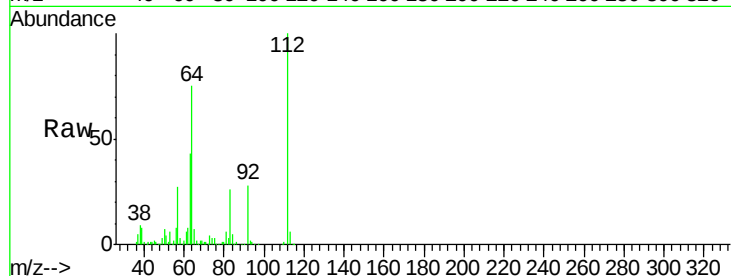
ClientSampleId :

PB119233BSD

Tgt Ion:	112	Resp:	619483
Ion Ratio	Lower	Upper	
112	100		
64	75.5	61.4	92.0
63	43.2	37.8	56.6

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#6

Aniline

Concen: 28.228 ng

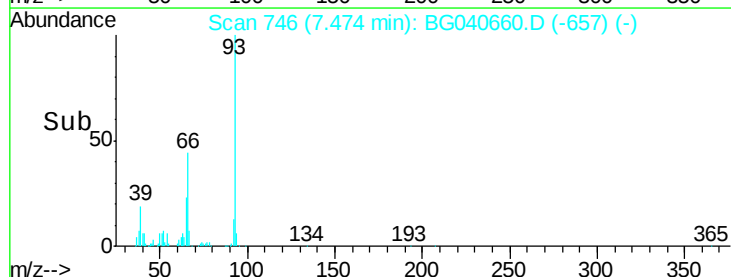
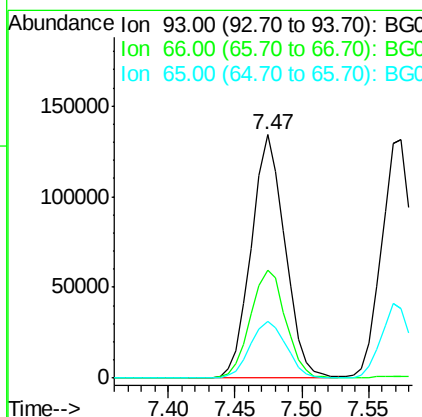
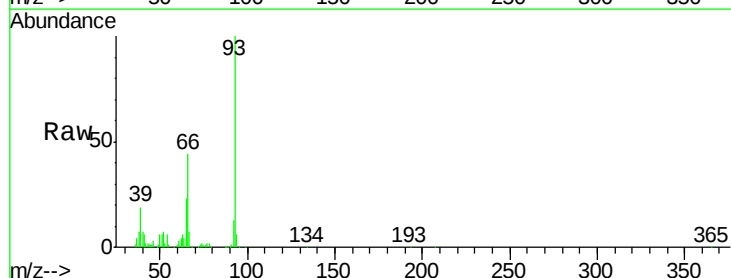
RT: 7.47 min Scan# 746

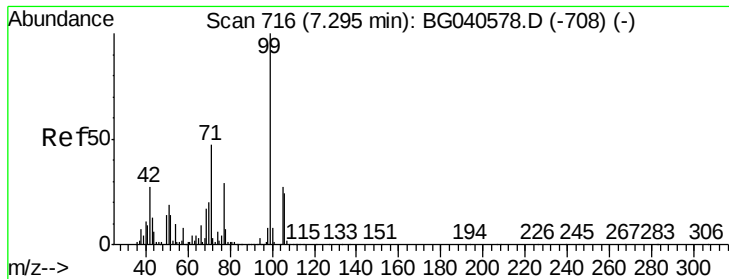
Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	93	Resp:	233940
Ion Ratio	Lower	Upper	
93	100		
66	44.3	35.5	53.3
65	23.1	19.2	28.8





#7

Phenol-d6

Concen: 141.068 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

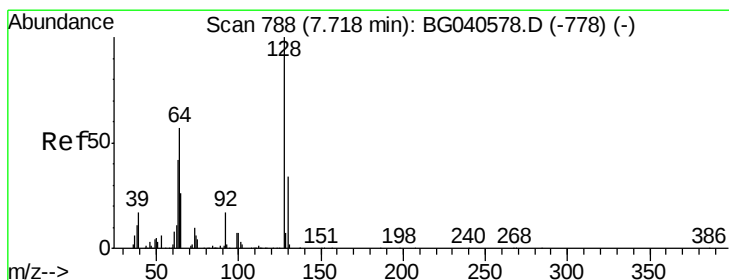
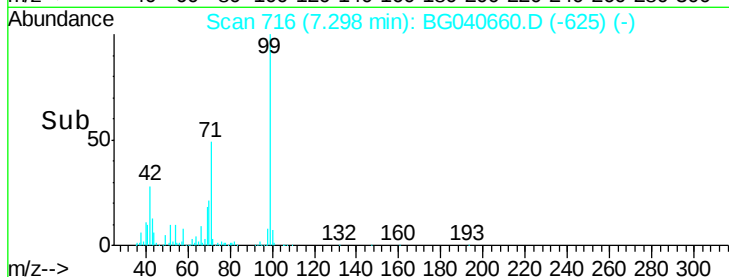
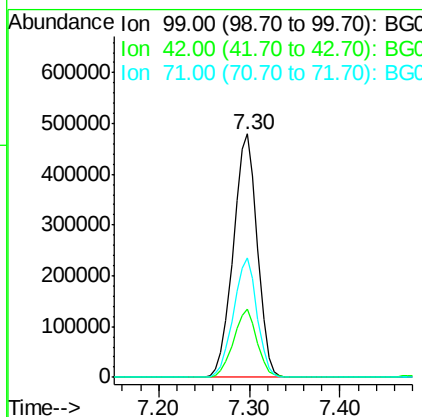
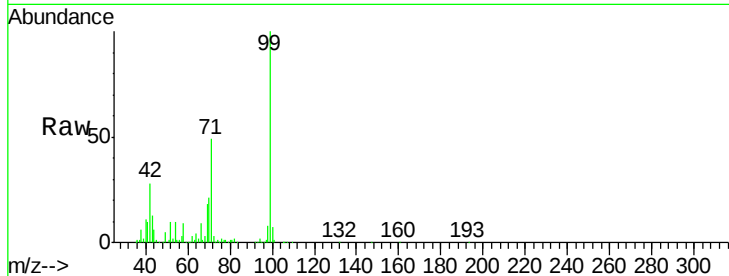
ClientSampleId :

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Tgt Ion:	99	Resp:	882046
Ion	Ratio	Lower	Upper
99	100		
42	27.8	21.8	32.8
71	49.1	38.6	57.8

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#8

2-Chlorophenol

Concen: 44.373 ng

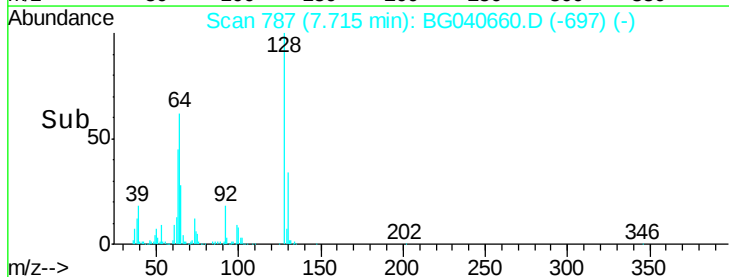
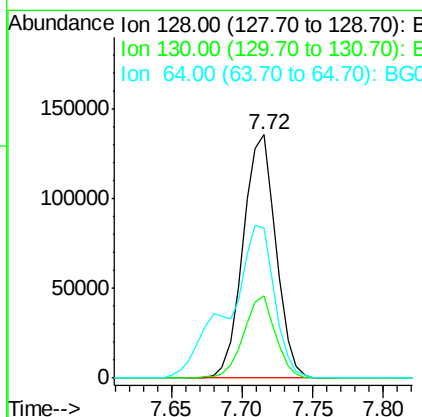
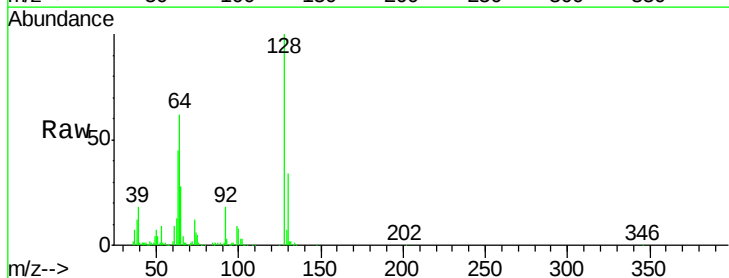
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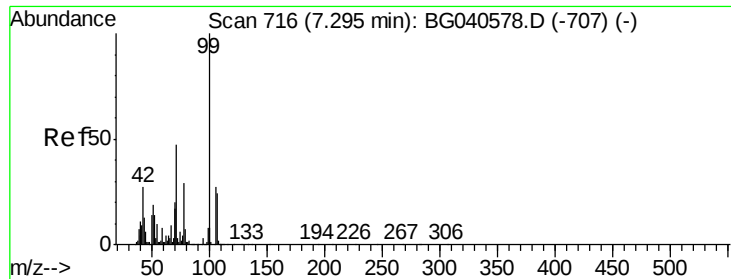
Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	128	Resp:	220025
Ion	Ratio	Lower	Upper
128	100		
130	33.6	14.5	54.5
64	61.9	38.4	78.4





#9

Benzaldehyde

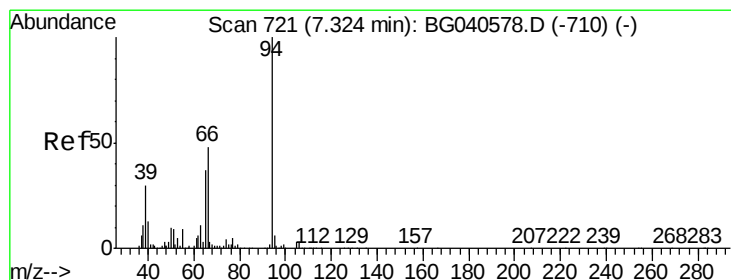
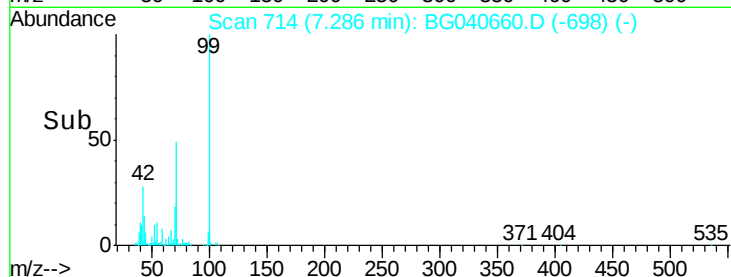
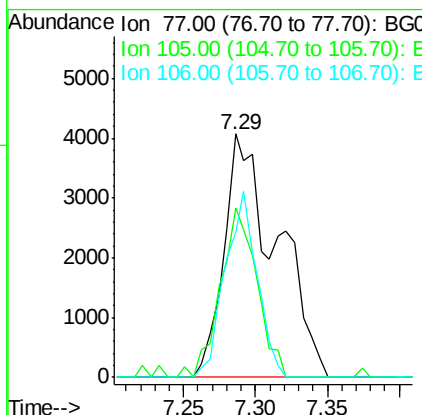
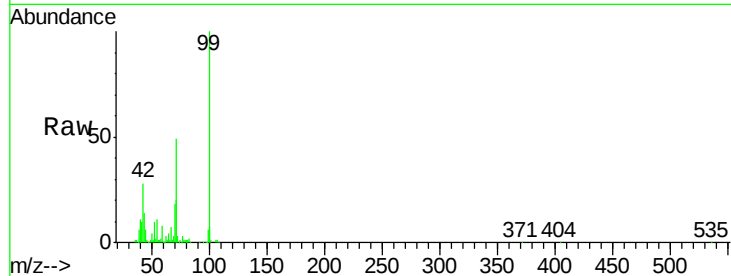
Concen: 2.673 ng m
RT: 7.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	69.8	72.0	112.0#
106	59.7	61.2	101.2#

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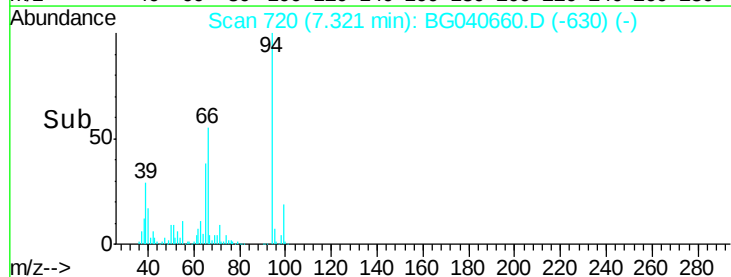
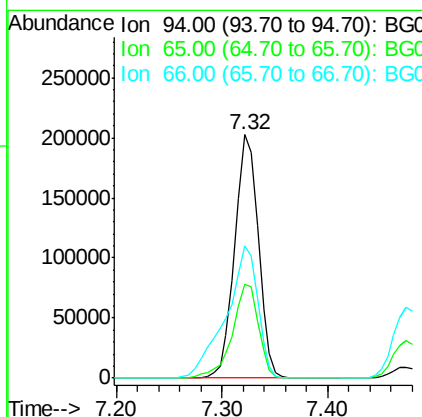
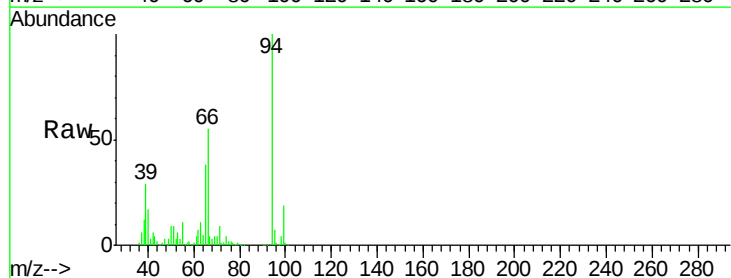


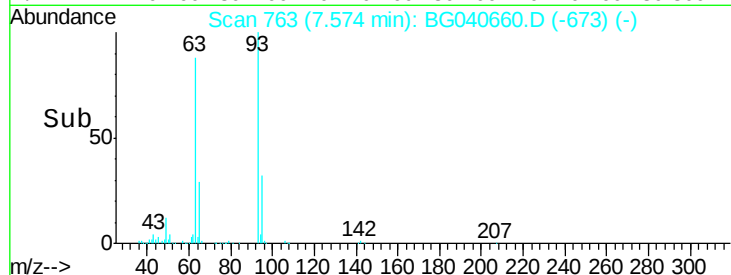
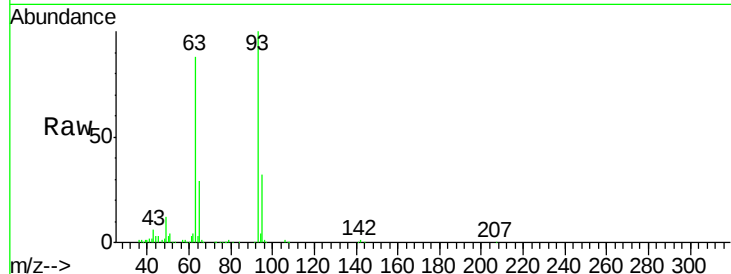
#10

Phenol

Concen: 46.395 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.4	17.0	57.0
66	54.6	28.6	68.6





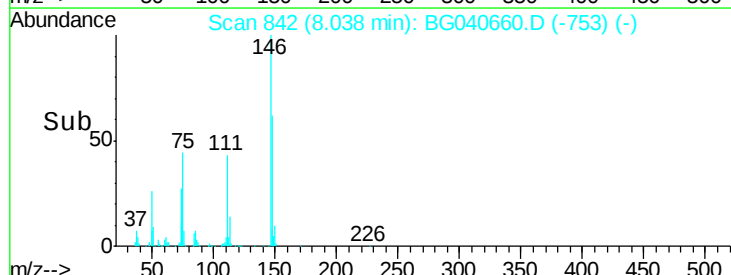
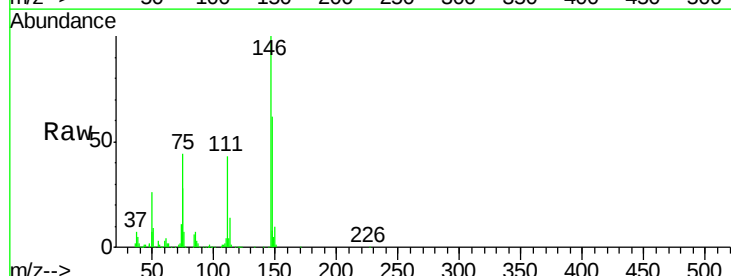
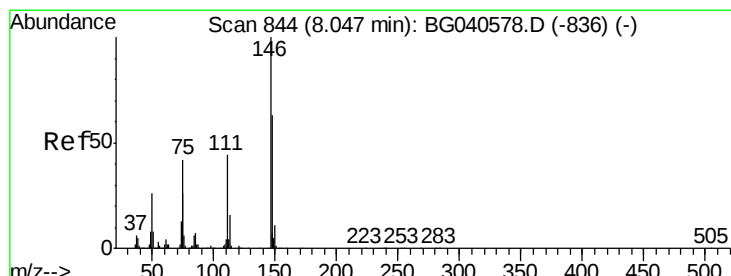
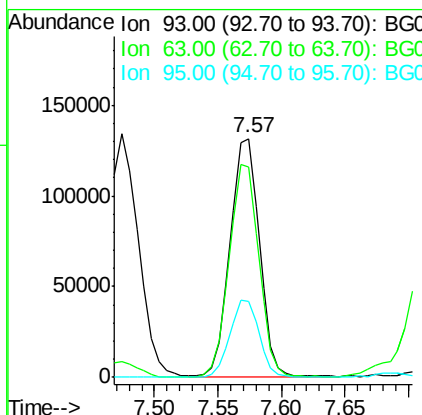
#11
bis(2-Chloroethyl)ether
Concen: 41.833 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.1	68.2	108.2
95	31.7	14.3	54.3

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

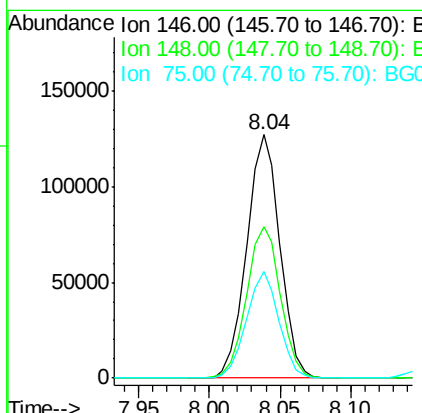
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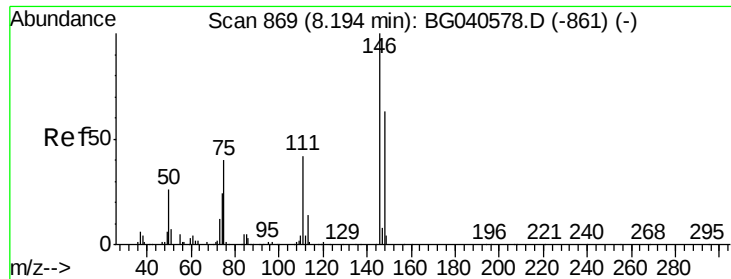
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#12
1,3-Dichlorobenzene
Concen: 38.616 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.7	76.1
75	43.7	33.4	50.2





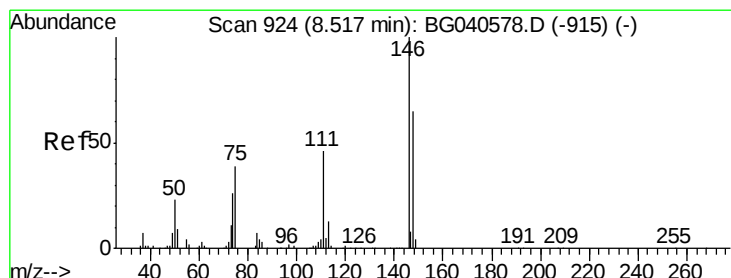
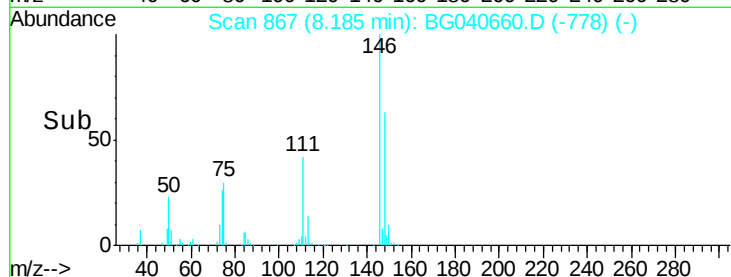
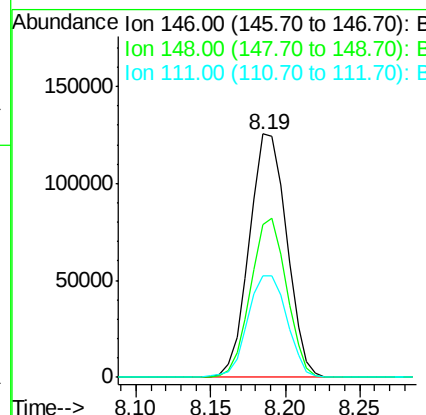
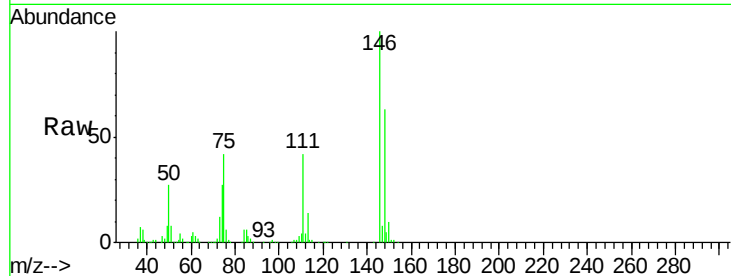
#13
1,4-Dichlorobenzene
Concen: 39.693 ng
RT: 8.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	41.7	34.3	51.5

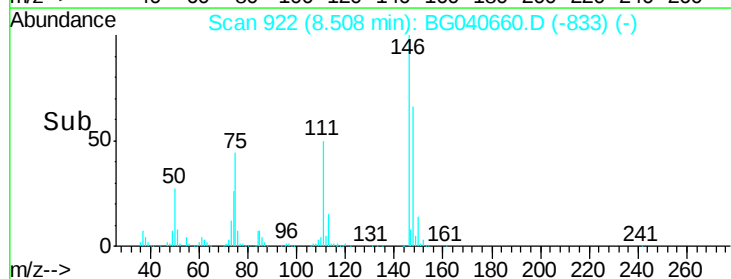
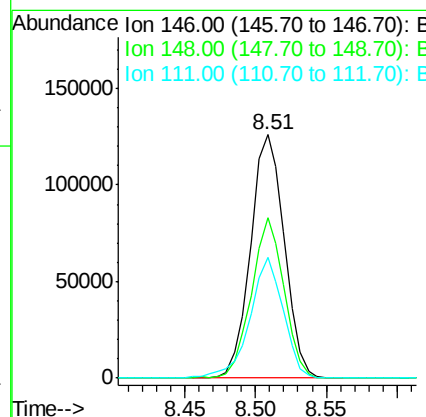
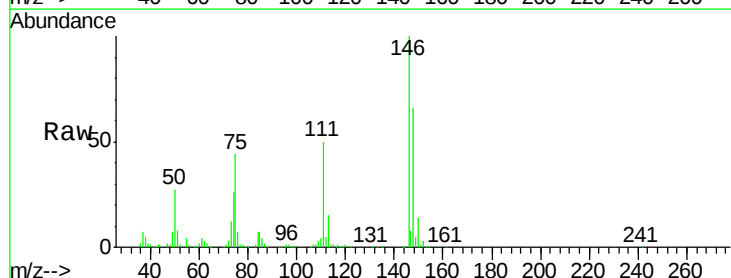
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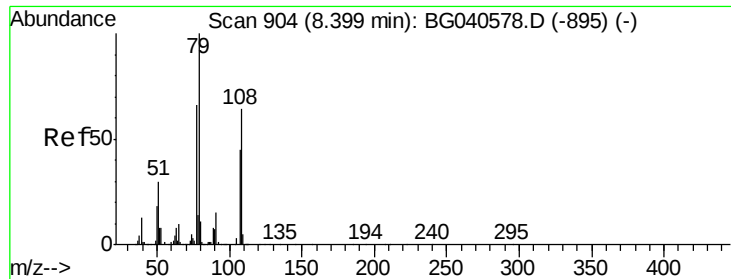
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#14
1,2-Dichlorobenzene
Concen: 39.859 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.2	78.4
111	49.6	37.4	56.0





#15

Benzyl Alcohol

Concen: 43.006 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

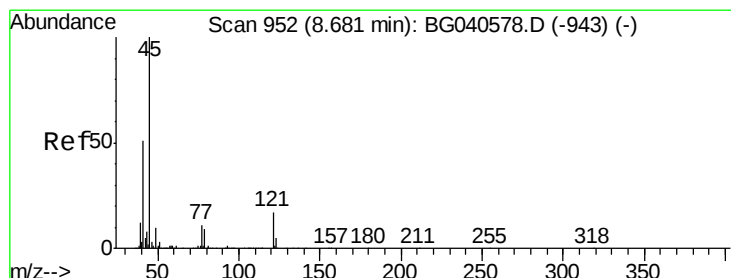
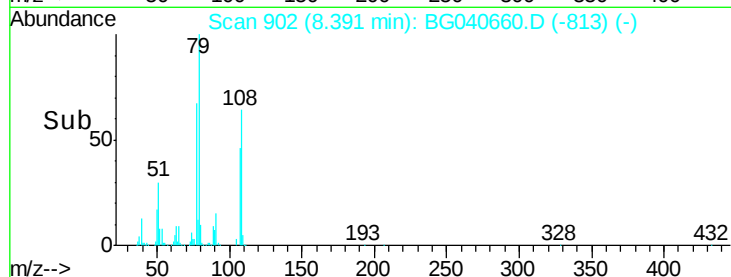
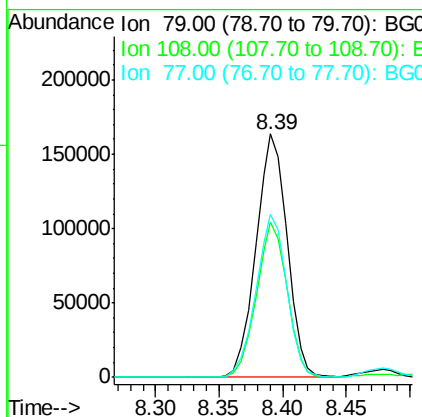
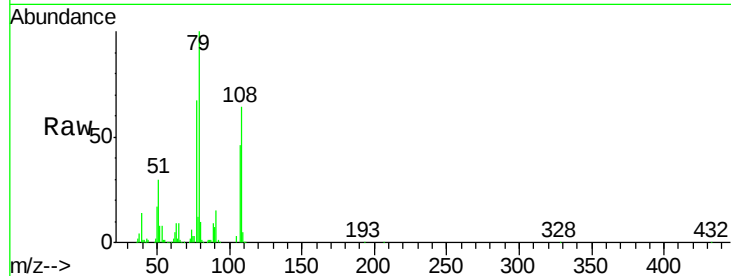
ClientSampleId :

PB119233BSD

Tgt Ion:	79	Resp:	279790
Ion	Ratio	Lower	Upper
79	100		
108	63.6	51.4	77.0
77	66.7	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.468 ng

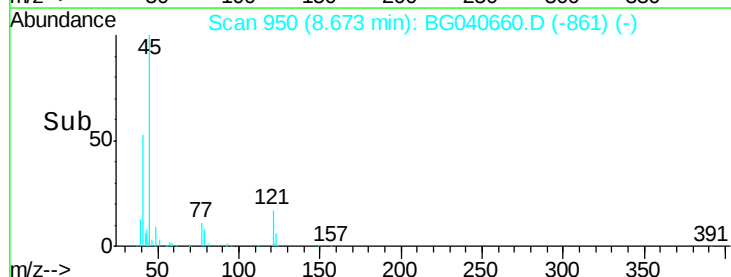
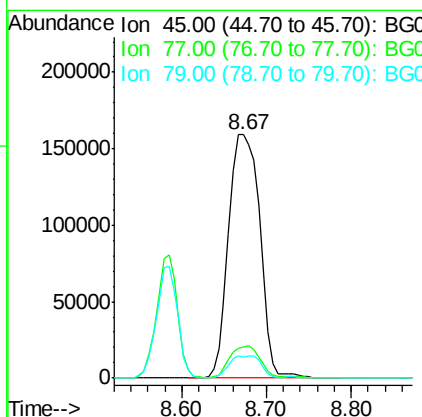
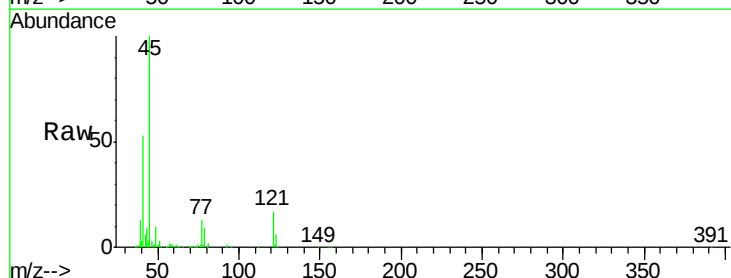
RT: 8.67 min Scan# 950

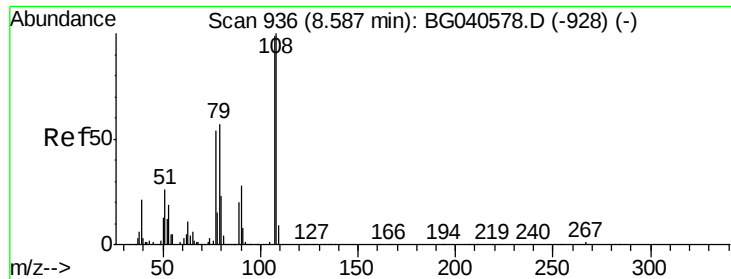
Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	45	Resp:	406086
Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	31.5
79	8.8	0.0	29.4





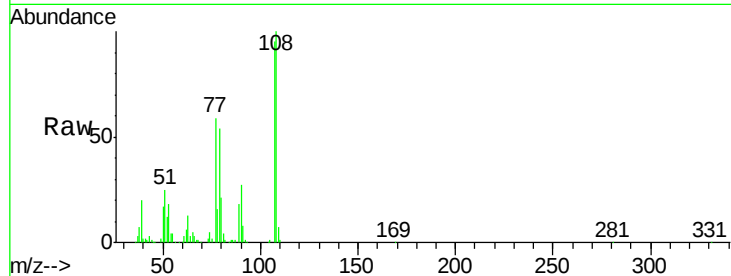
#17
2-Methylphenol
Concen: 45.027 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	214175		
108	105.7	81.2	121.8	
77	62.8	44.4	66.6	
79	56.9	47.0	70.4	

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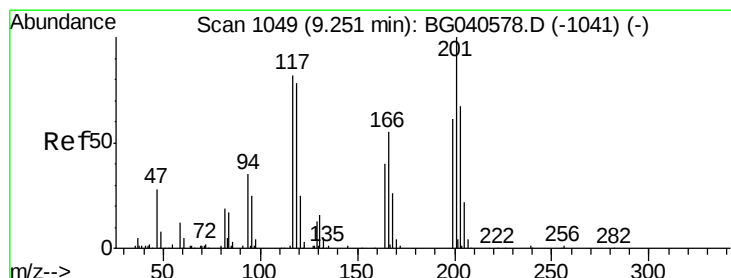
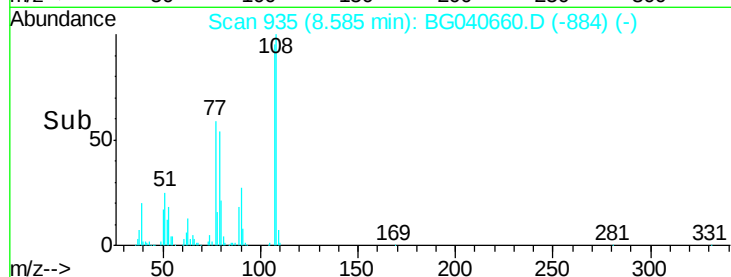
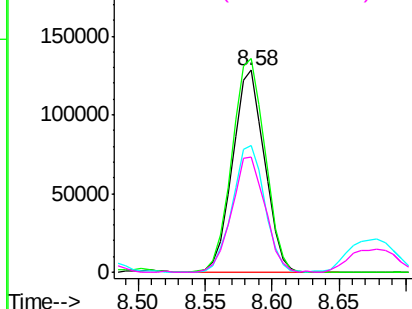
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

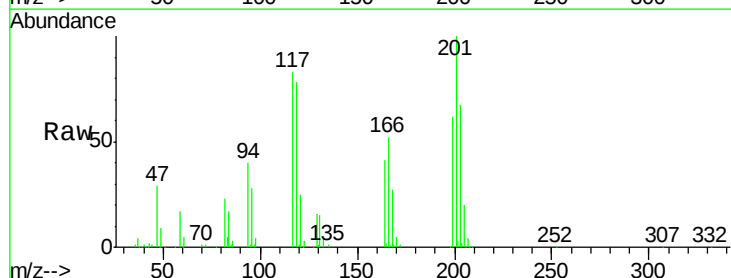
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.613 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	86903		
119	94.4	76.6	114.8	
201	120.7	101.0	151.6	

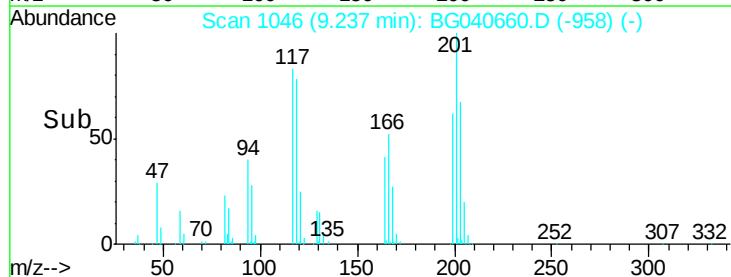
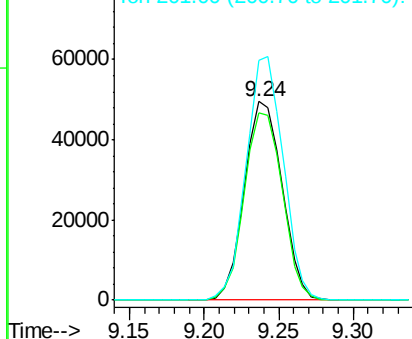


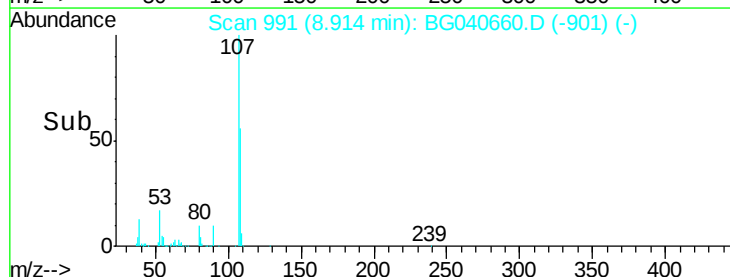
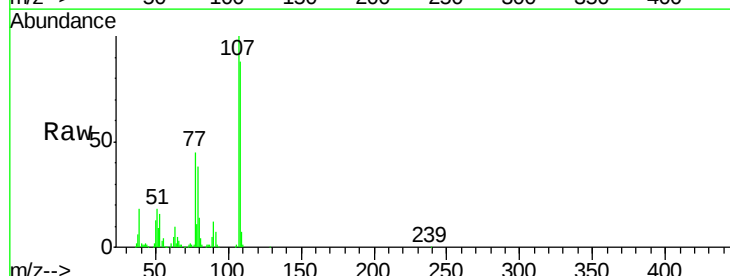
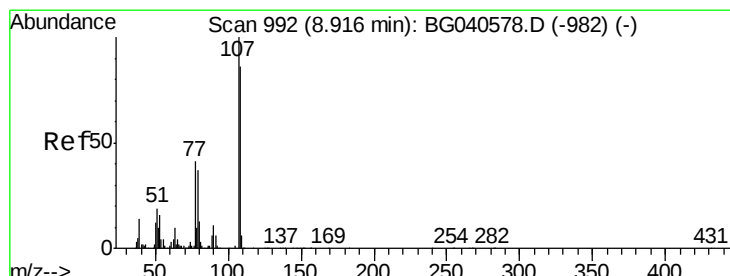
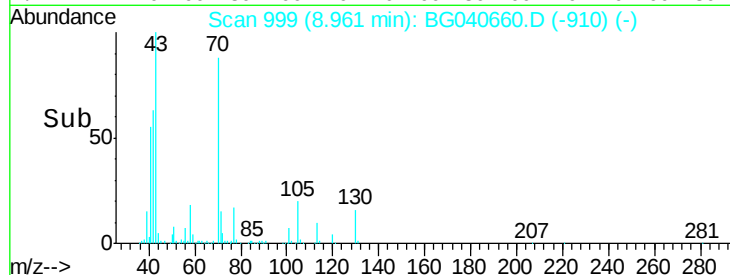
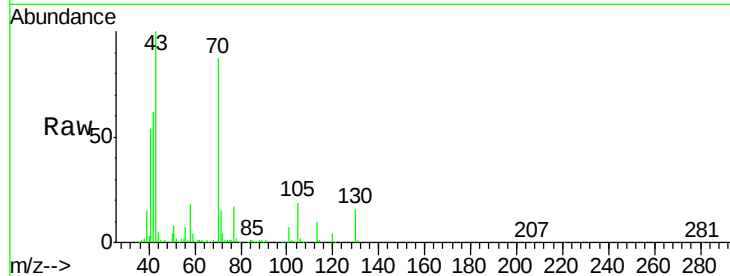
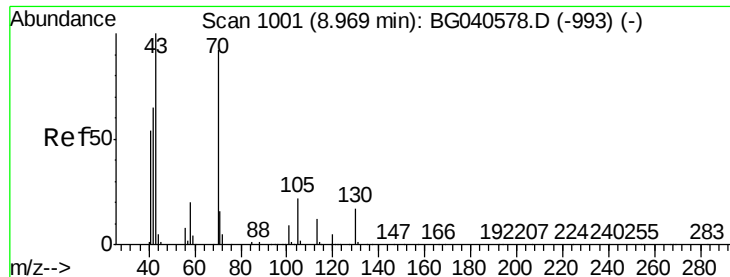
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

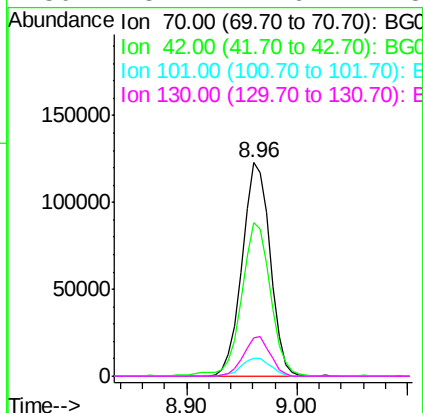
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.958 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.0	57.1	85.7
101	8.5	7.8	11.8
130	18.2	14.6	21.8



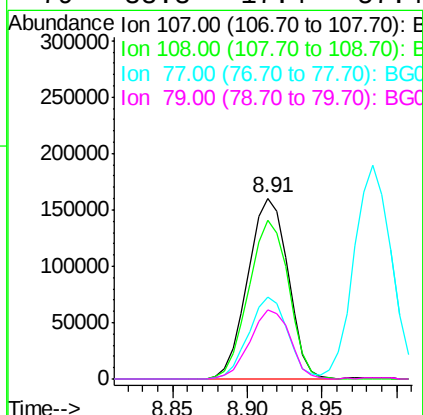
Instrument :
BNA_G
ClientSampleId :
PB119233BSD

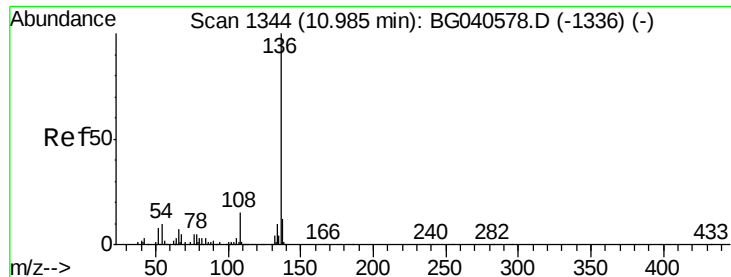
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#20
3+4-Methylphenols
Concen: 45.119 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	66.1	106.1
77	45.3	21.6	61.6
79	38.3	17.4	57.4





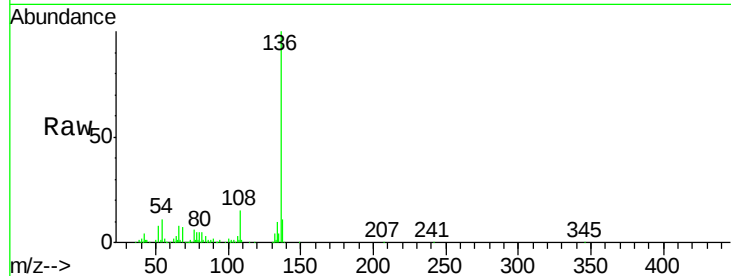
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

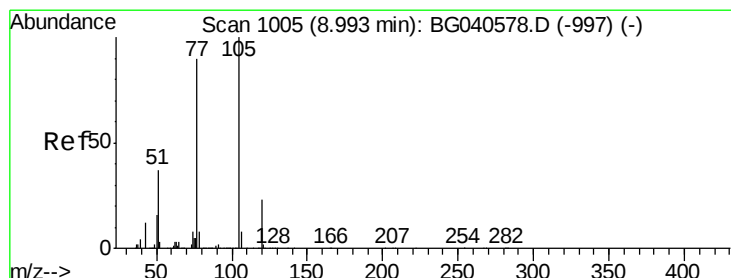
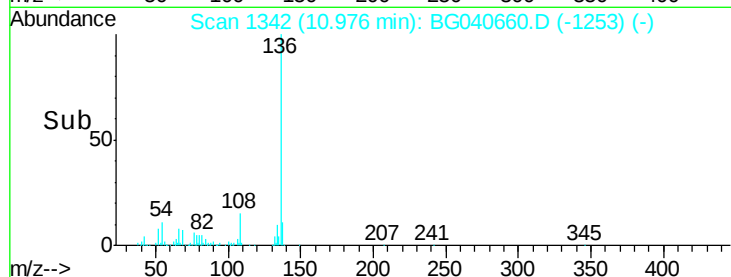
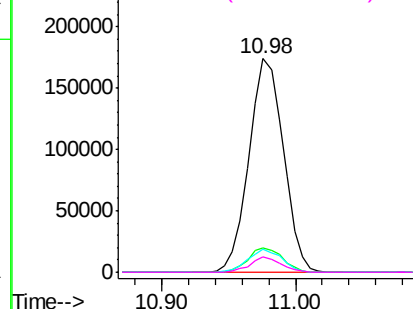
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	310068		
137	11.3	9.7	14.5	
54	10.8	8.6	12.8	
68	7.1	4.8	7.2	

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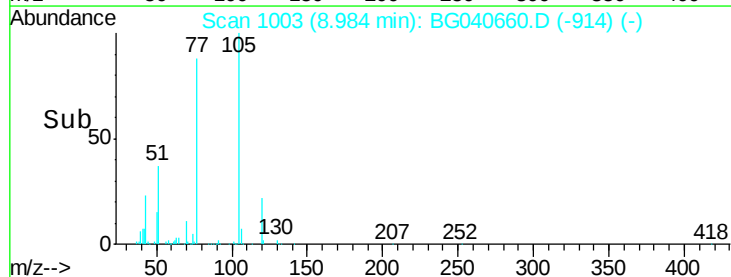
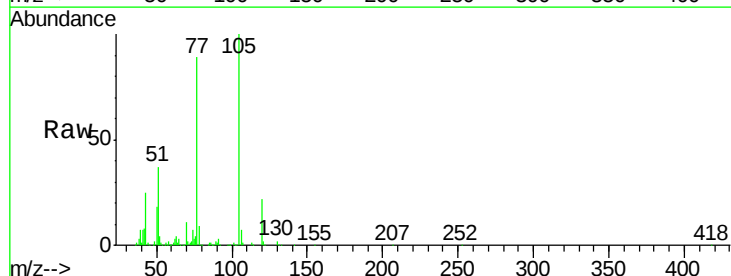
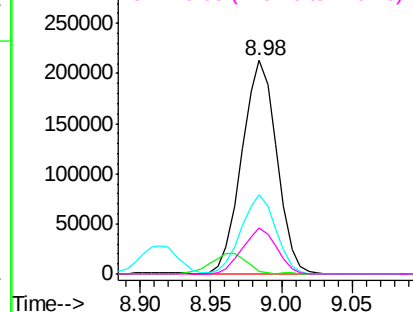
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.823 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	369229		
71	1.5	1.8	2.8#	
51	37.1	29.8	44.8	
120	21.8	18.4	27.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





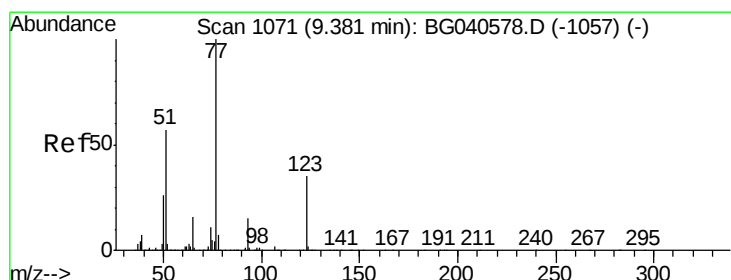
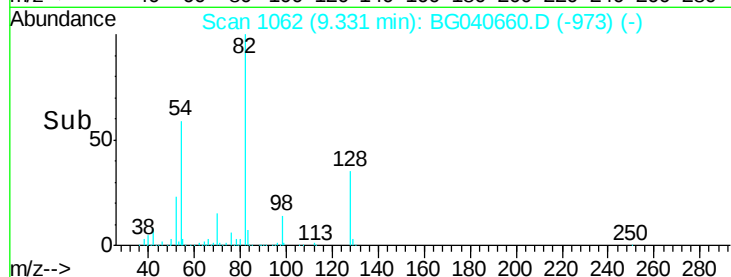
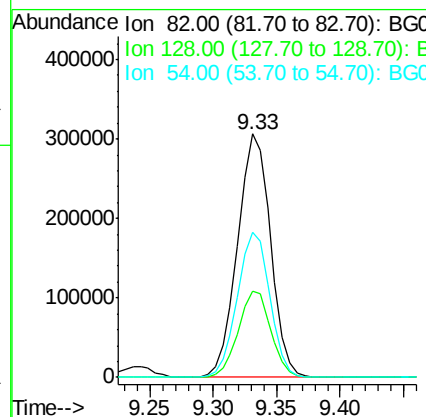
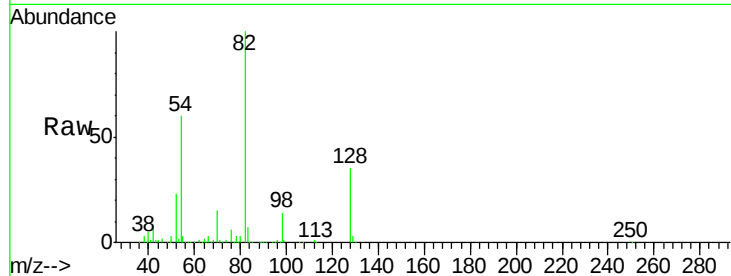
#23
 Nitrobenzene-d5
 Concen: 82.224 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	551764		
128	35.2	28.9	43.3	
54	59.5	47.2	70.8	

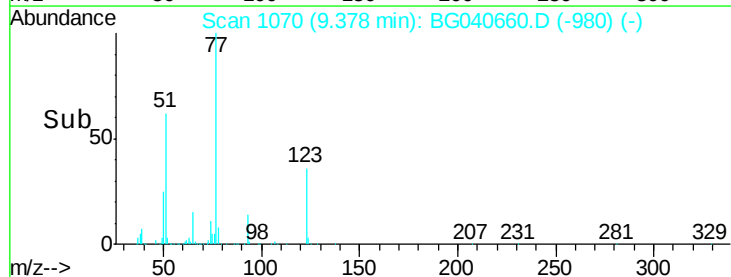
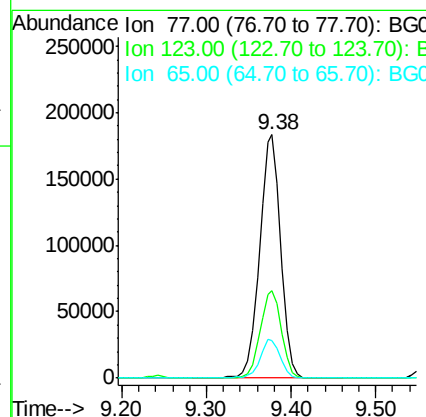
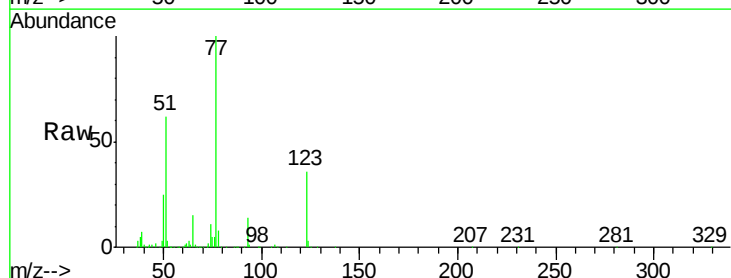
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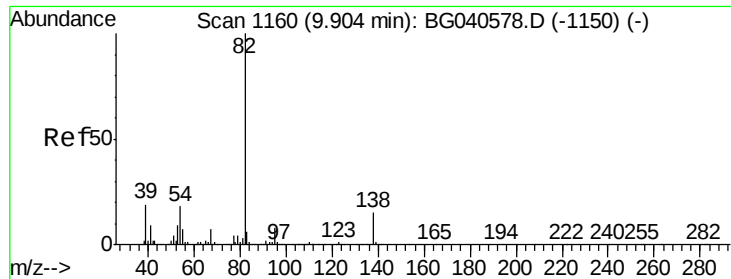
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#24
 Nitrobenzene
 Concen: 44.735 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	320292		
123	35.9	27.8	41.6	
65	15.3	12.4	18.6	





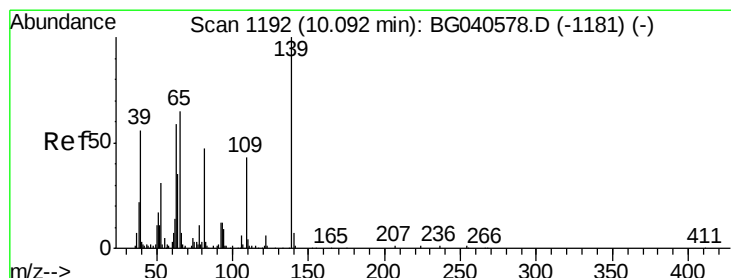
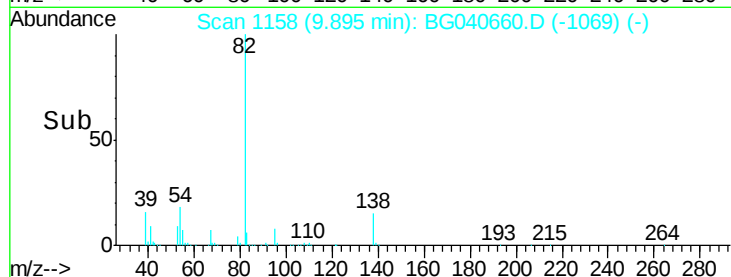
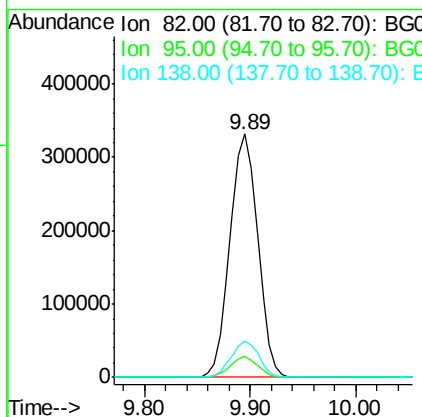
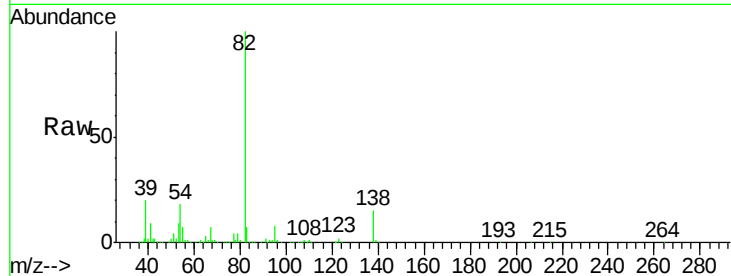
#25
Isophorone
Concen: 40.328 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.4	6.9	10.3
138	15.0	12.3	18.5

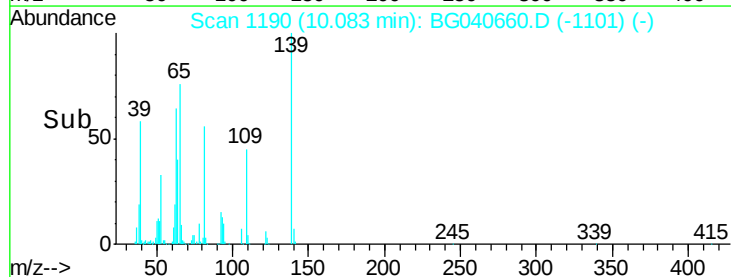
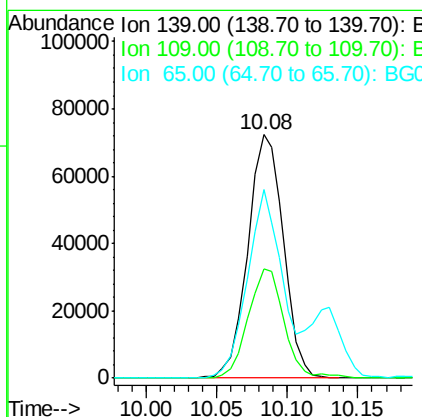
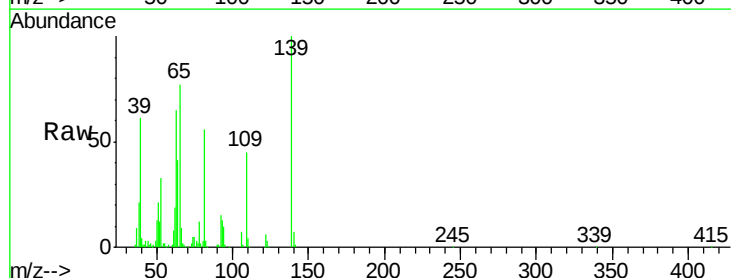
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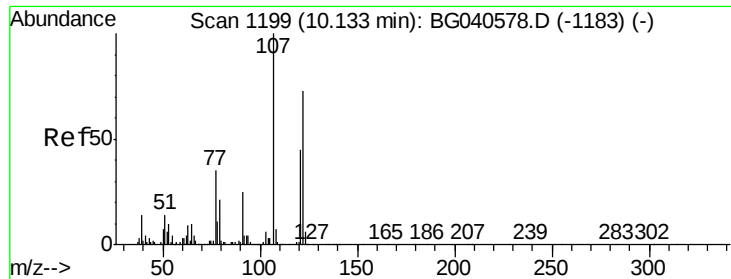
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#26
2-Nitrophenol
Concen: 49.849 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	44.9	35.6	53.4
65	77.4	52.3	78.5





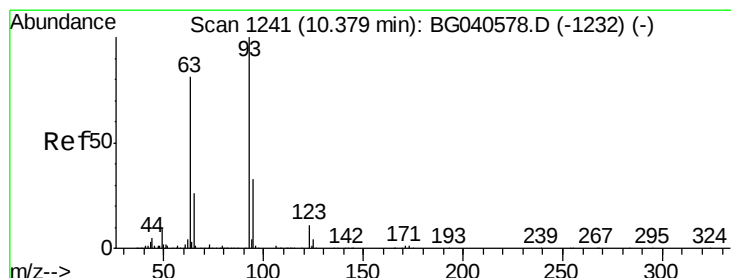
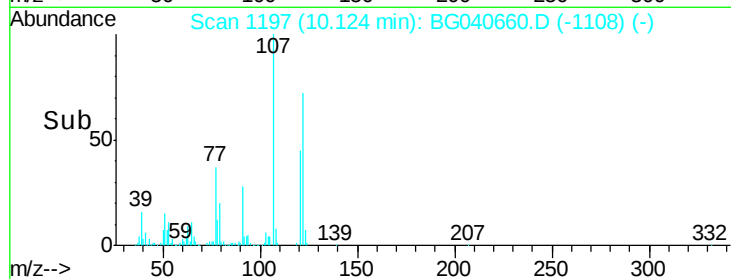
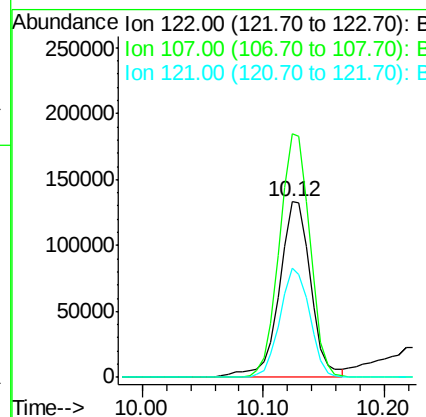
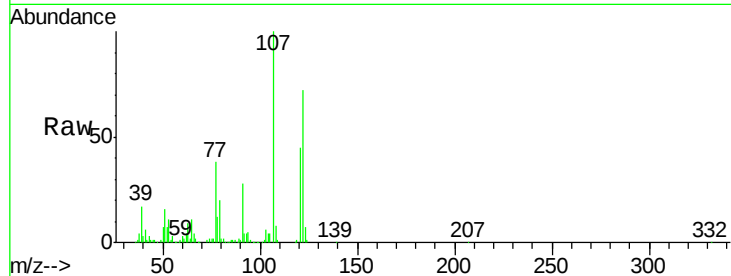
#27
 2,4-Dimethylphenol
 Concen: 50.075 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleID :
 PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	241132		
107	138.7	110.1	165.1	
121	61.9	49.4	74.0	

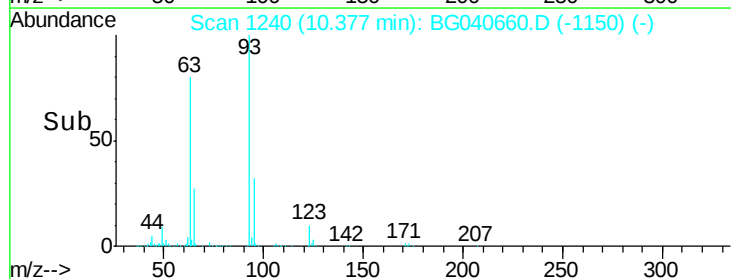
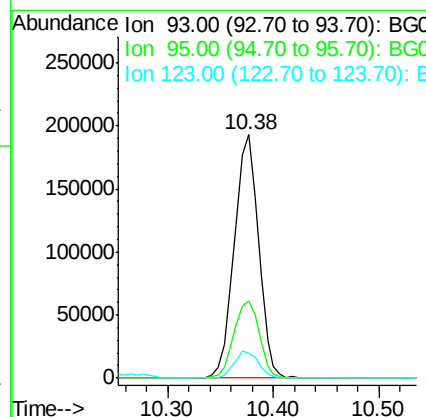
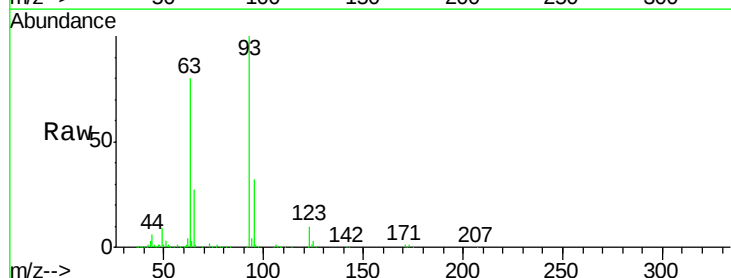
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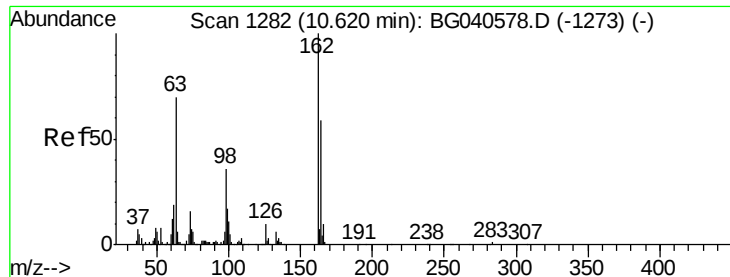
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.691 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	305166		
95	31.7	26.6	40.0	
123	10.3	9.0	13.4	





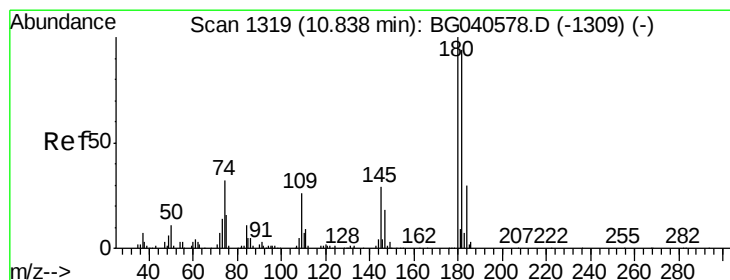
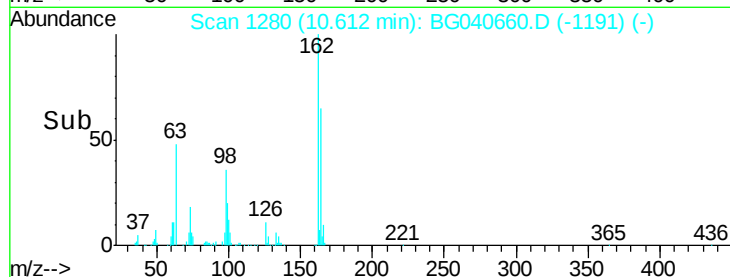
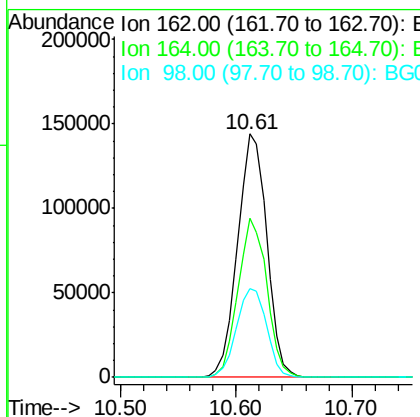
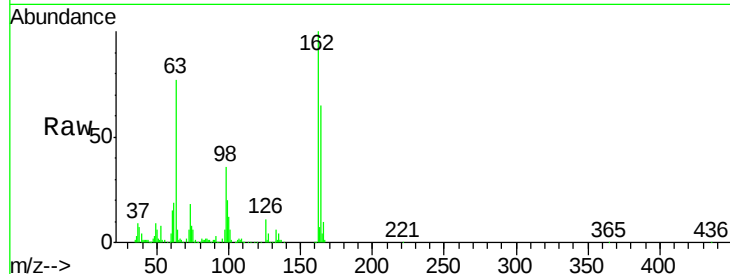
#29
 2,4-Dichlorophenol
 Concen: 46.302 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	253479		
164	65.4	38.9	78.9	
98	36.4	16.8	56.8	

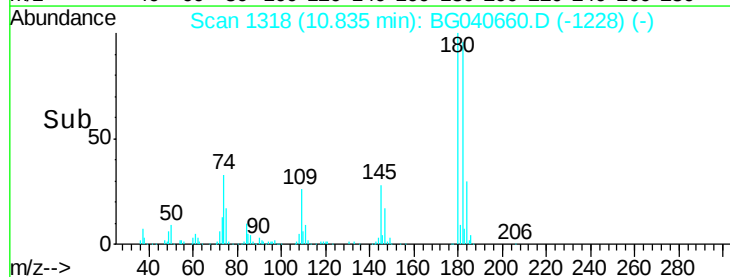
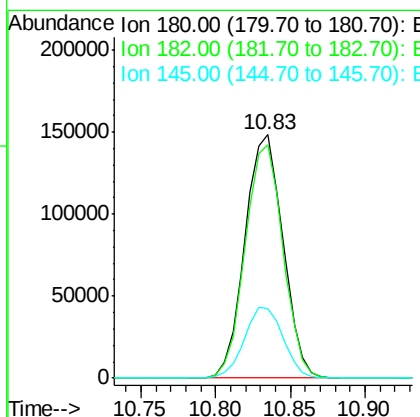
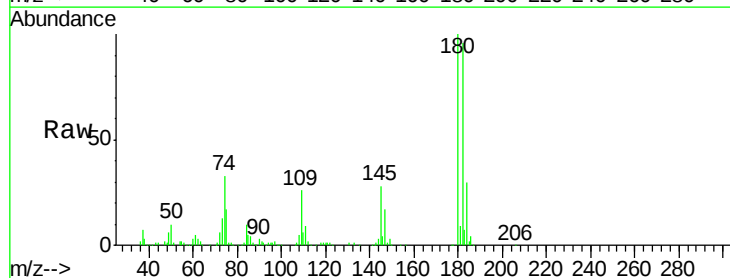
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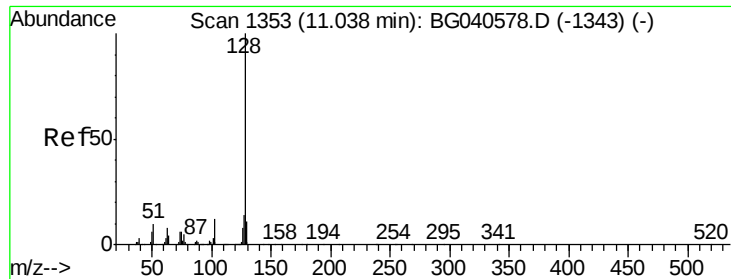
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.985 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	260957		
182	95.6	75.2	112.8	
145	28.4	23.6	35.4	





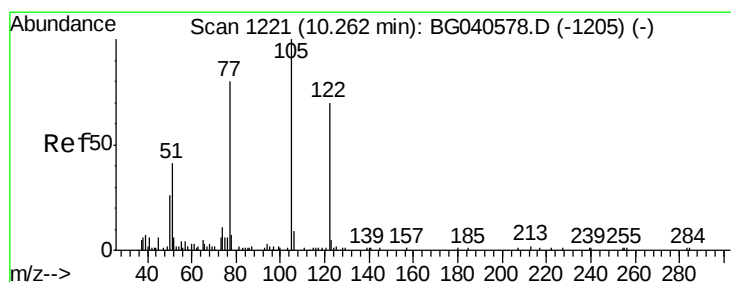
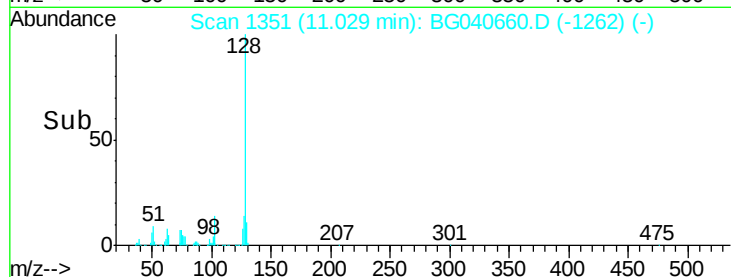
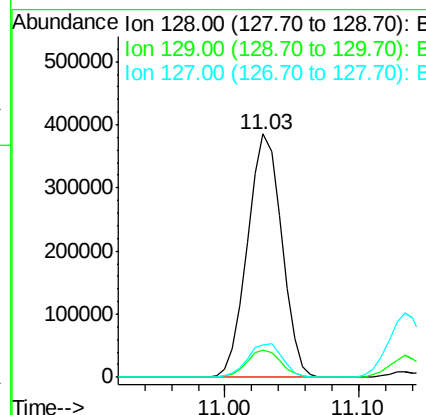
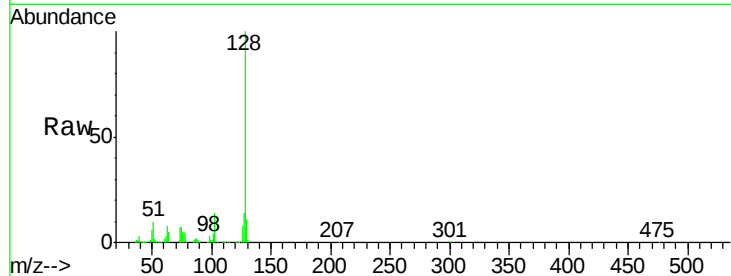
#31
Naphthalene
Concen: 41.484 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	683369		
129	11.4	9.0	13.6	
127	13.5	11.3	16.9	

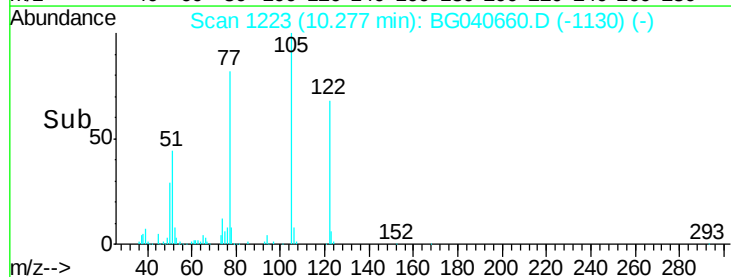
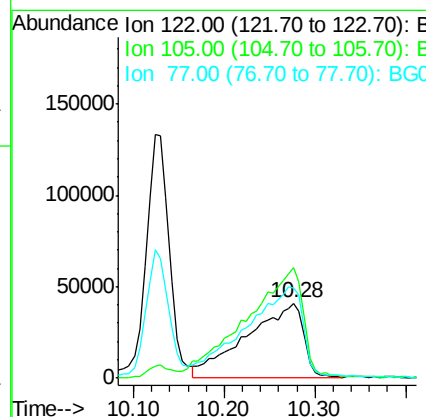
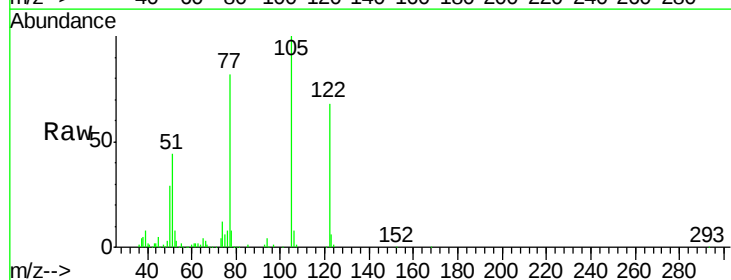
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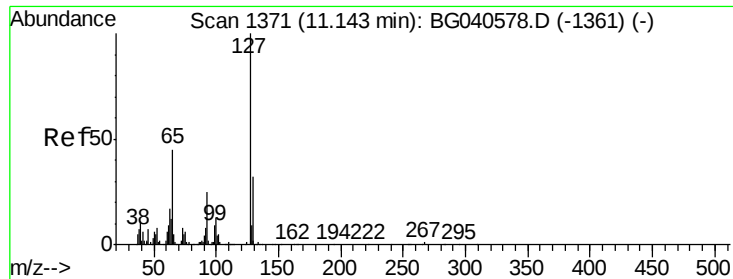
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#32
Benzoic acid
Concen: 53.361 ng
RT: 10.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	175906		
105	147.4	110.9	150.9	
77	120.3	87.6	127.6	





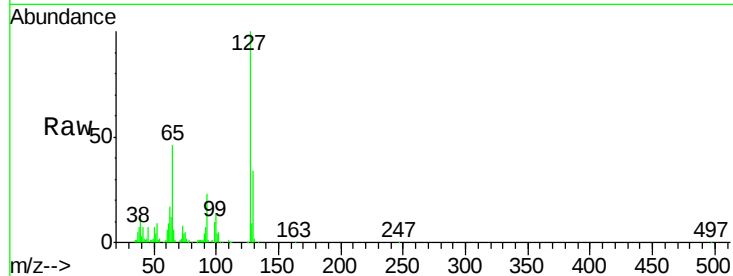
#33
4-Chloroaniline
Concen: 25.222 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampled :
PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	184211		
129	33.6	25.7	38.5	
65	45.7	36.1	54.1	
92	22.7	20.1	30.1	

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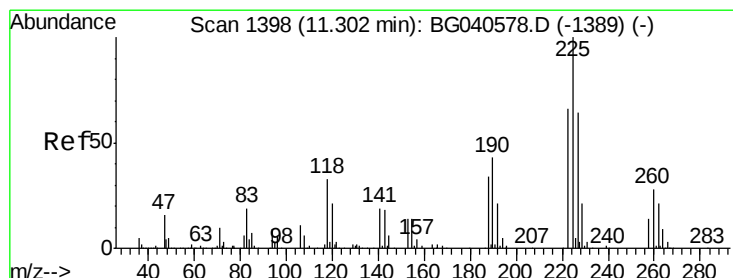
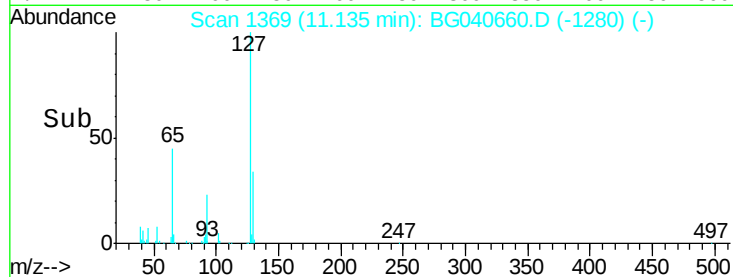
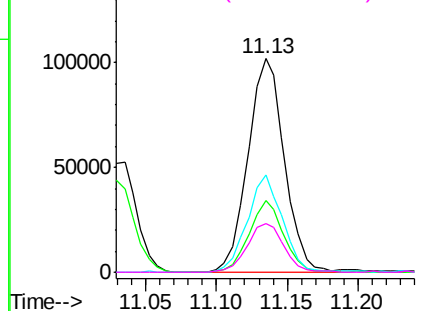
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

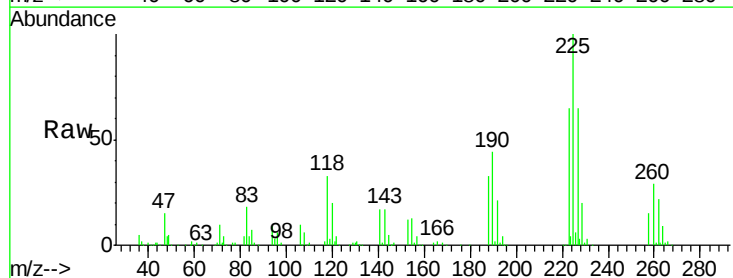
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.774 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191711		
223	64.6	50.4	75.6	
227	68.8	51.0	76.6	

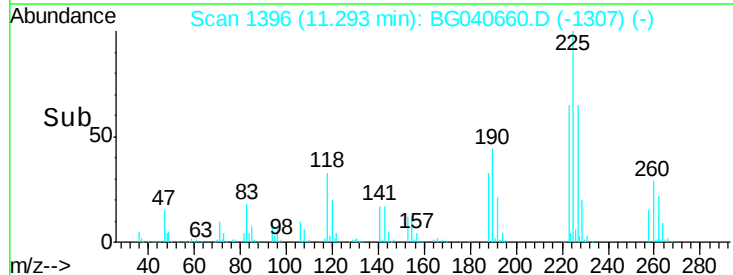
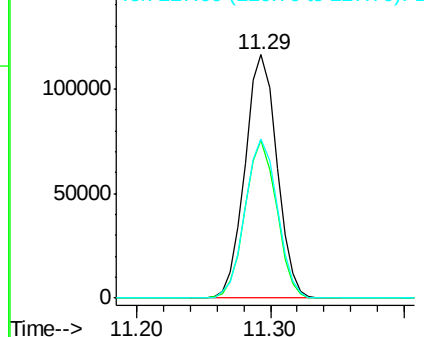


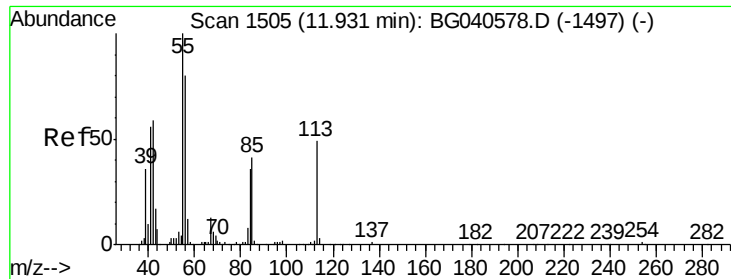
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





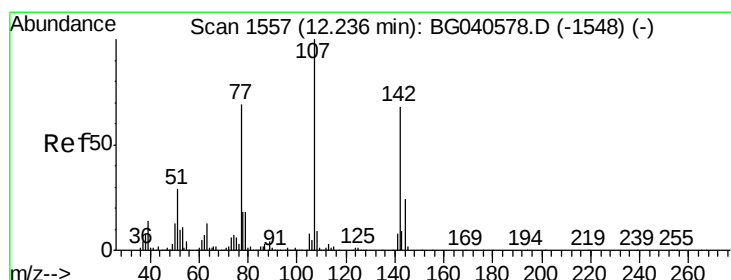
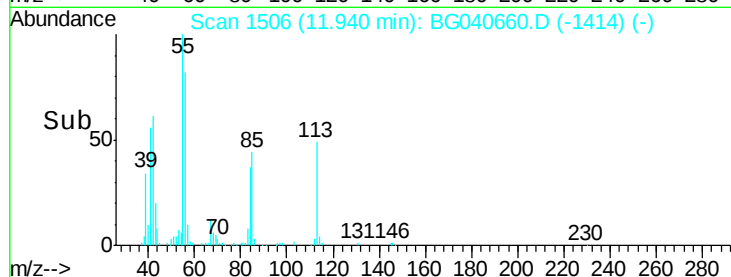
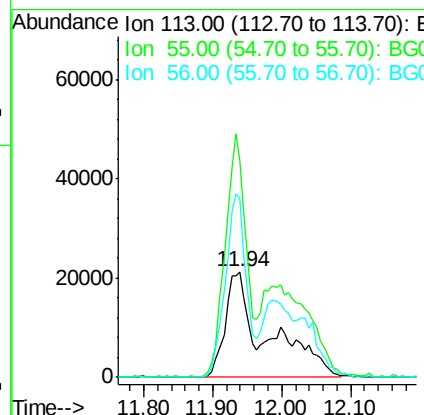
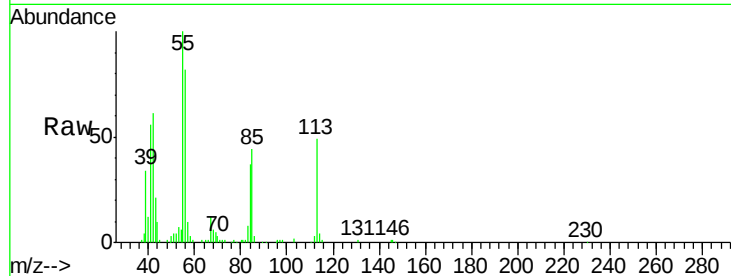
#35
 Caprolactam
 Concen: 41.058 ng m
 RT: 11.94 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion:113 Resp: 88742
 Ion Ratio Lower Upper
 113 100
 55 205.2 198.6 238.6
 56 168.0 148.4 188.4

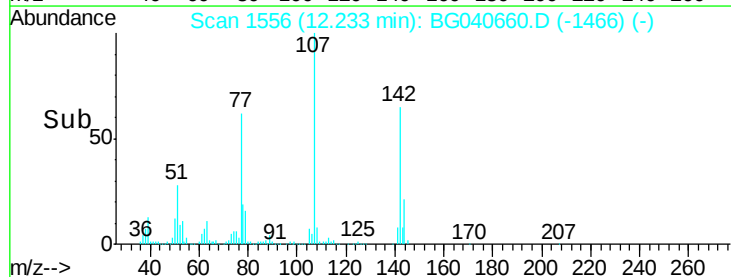
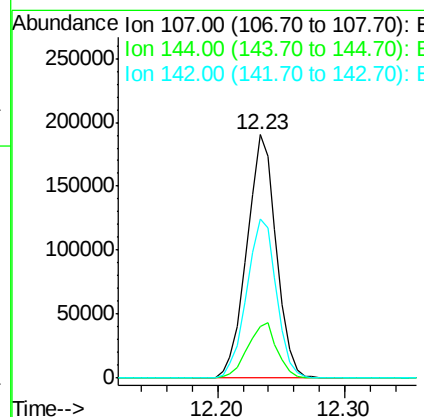
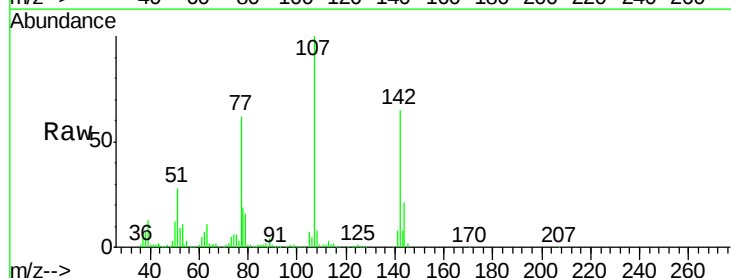
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#36
 4-Chloro-3-methylphenol
 Concen: 44.208 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion:107 Resp: 305302
 Ion Ratio Lower Upper
 107 100
 144 21.5 19.3 28.9
 142 65.2 54.6 81.8





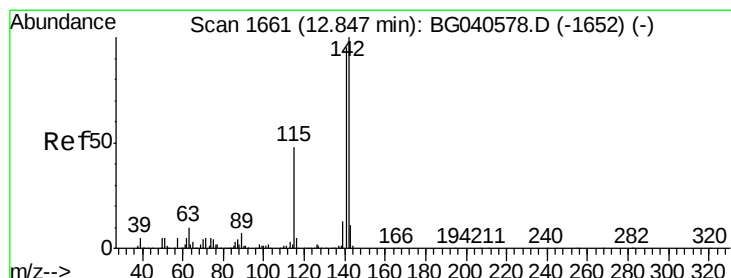
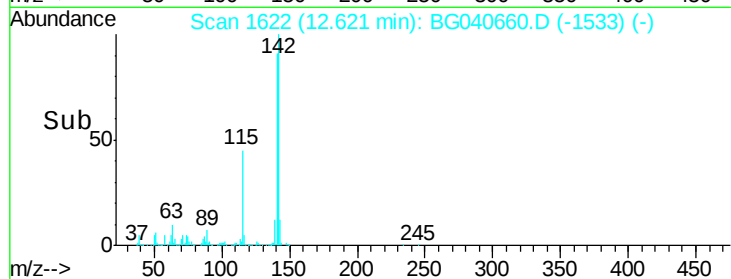
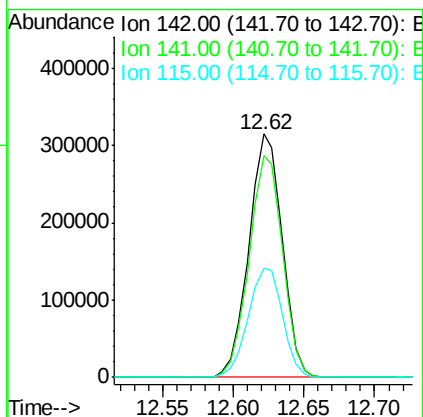
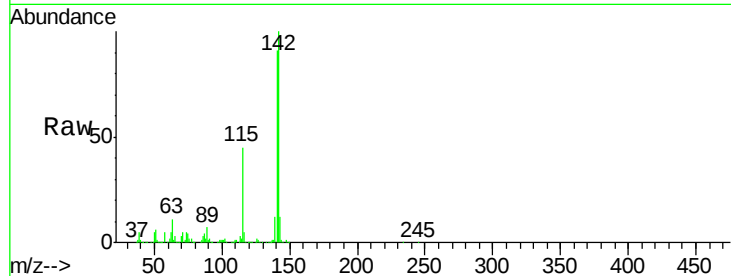
#37
 2-Methylnaphthalene
 Concen: 42.376 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.4	110.2
115	44.8	36.2	54.4

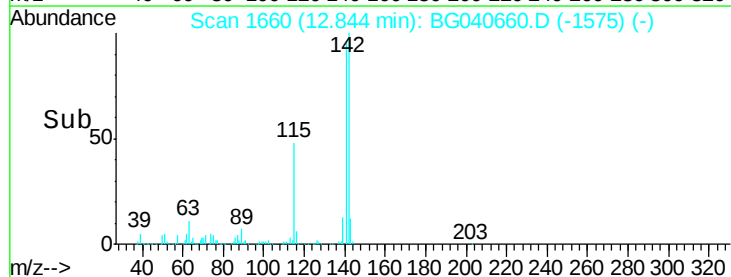
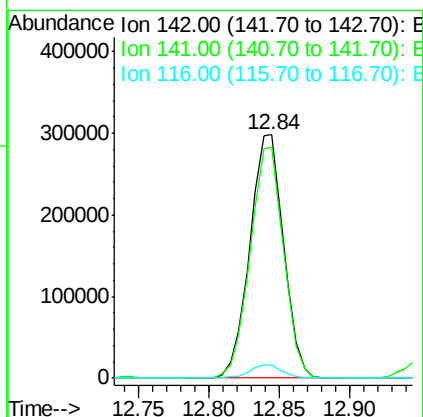
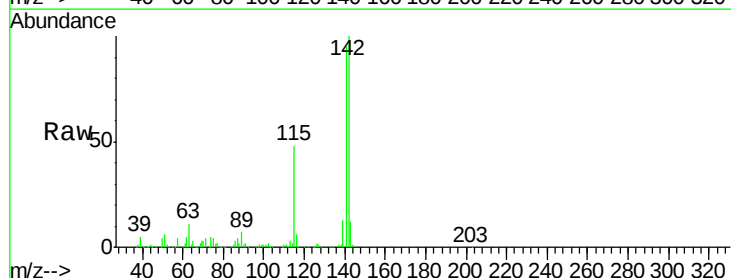
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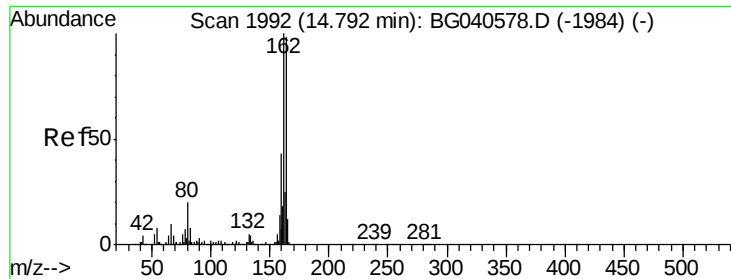
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#38
 1-Methylnaphthalene
 Concen: 41.557 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.9	113.9
116	5.6	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

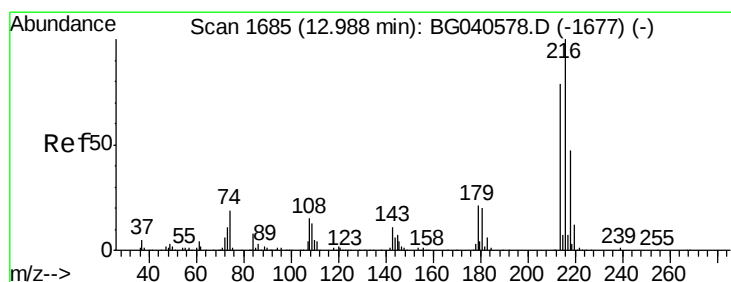
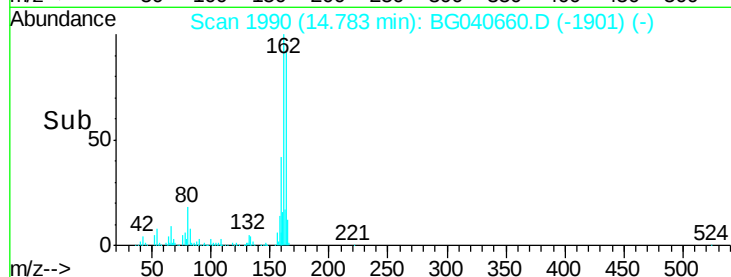
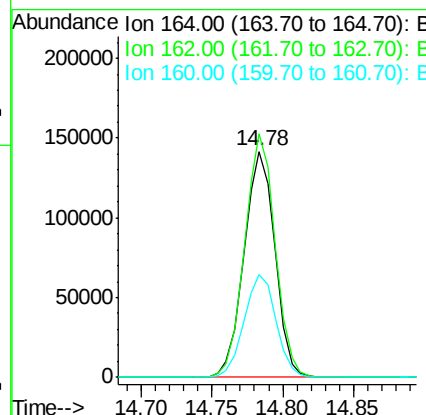
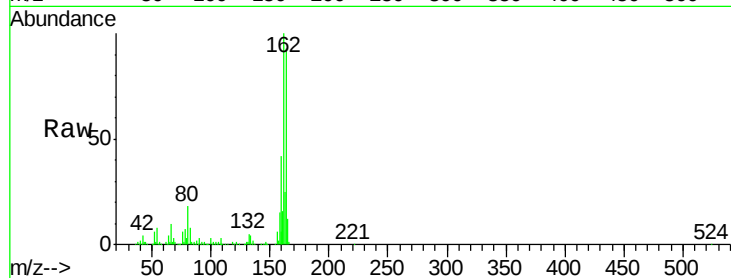
ClientSampleId :

PB119233BSD

Tgt Ion:	164	Resp:	216465
Ion Ratio	Lower	Upper	
164	100		
162	107.7	81.9	122.9
160	45.6	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.806 ng

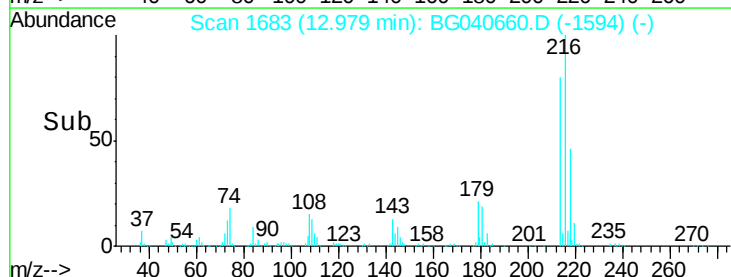
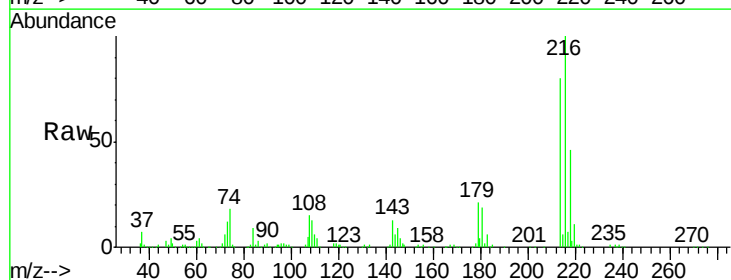
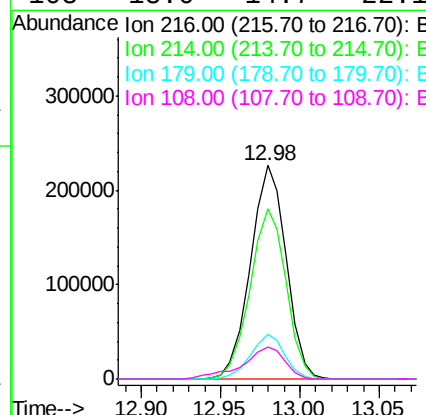
RT: 12.98 min Scan# 1683

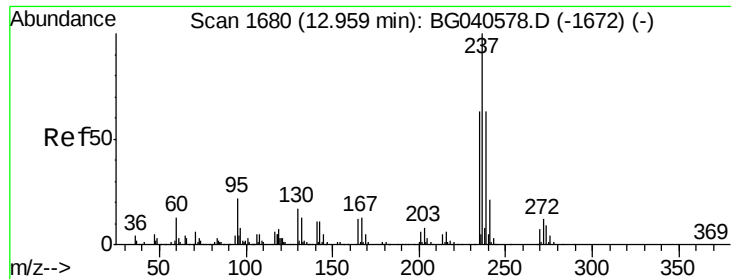
Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	216	Resp:	353242
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.7	95.5
179	20.1	16.6	24.8
108	18.0	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 65.677 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

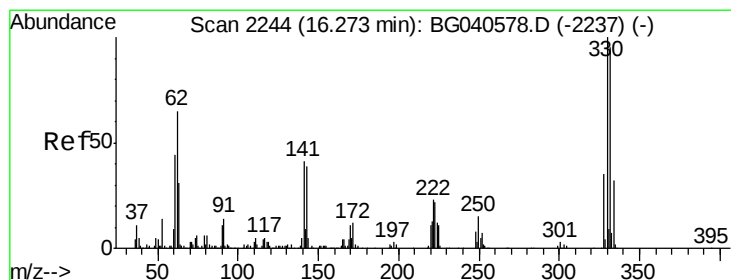
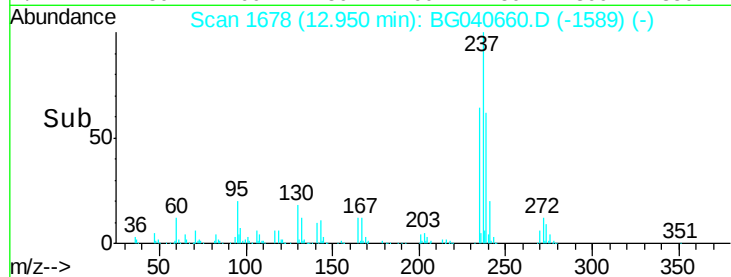
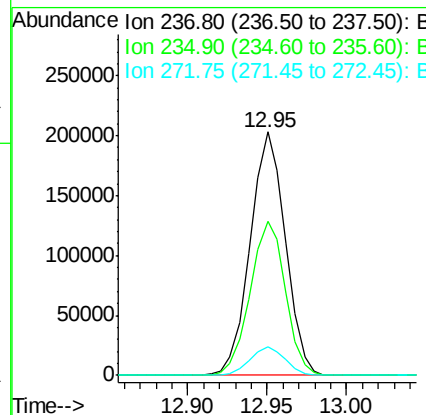
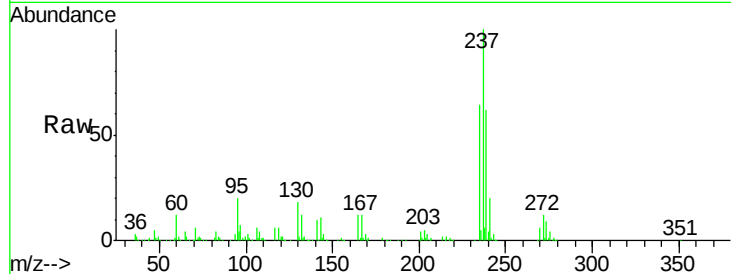
ClientSampleId :

PB119233BSD

Tgt Ion:	237	Resp:	312512
Ion Ratio		Lower	Upper
237	100		
235	63.5	42.5	82.5
272	11.6	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 150.923 ng

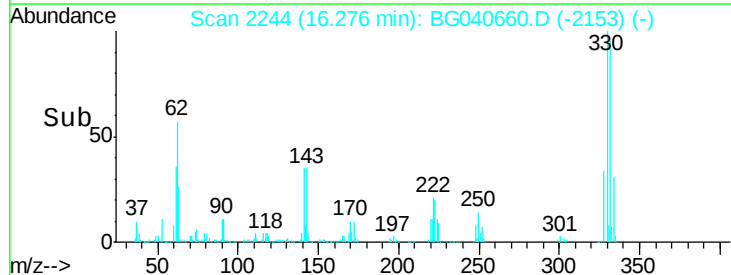
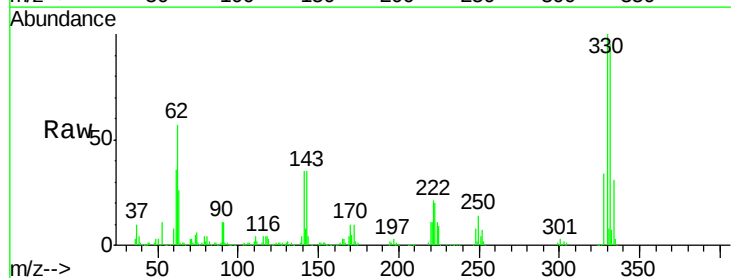
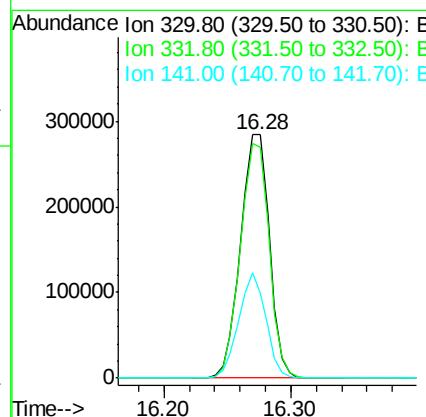
RT: 16.28 min Scan# 2244

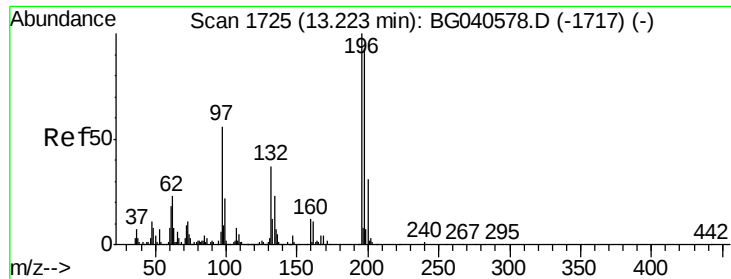
Delta R.T. 0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	330	Resp:	449049
Ion Ratio		Lower	Upper
330	100		
332	96.1	75.9	113.9
141	40.3	32.4	48.6





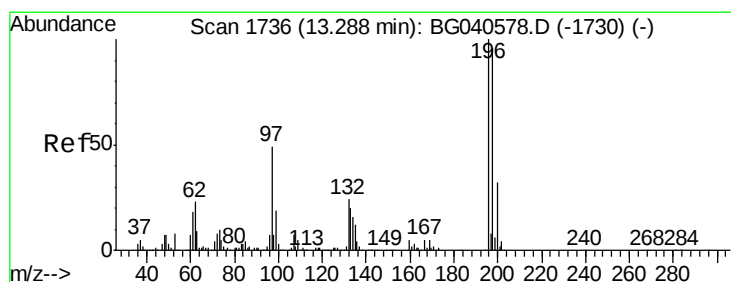
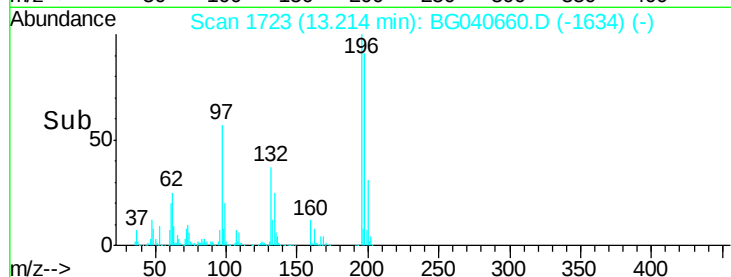
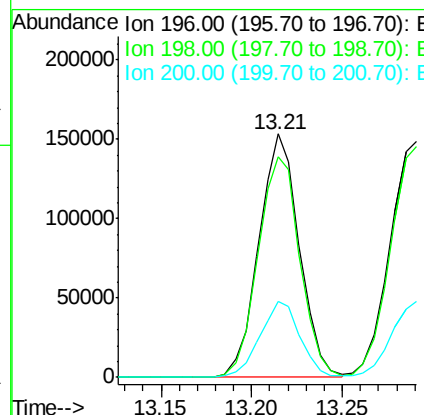
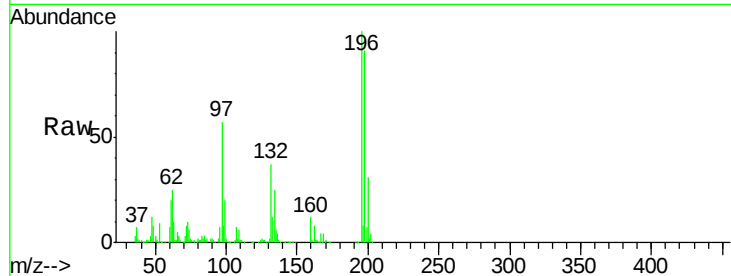
#43
 2,4,6-Trichlorophenol
 Concen: 48.930 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238438		
198	90.8	74.8	112.2	
200	31.2	24.9	37.3	

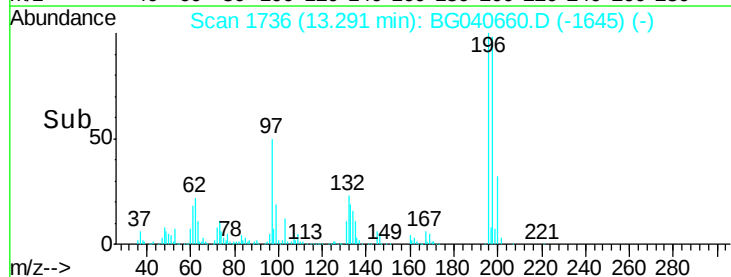
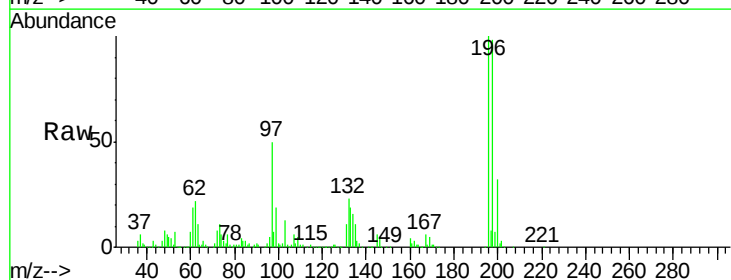
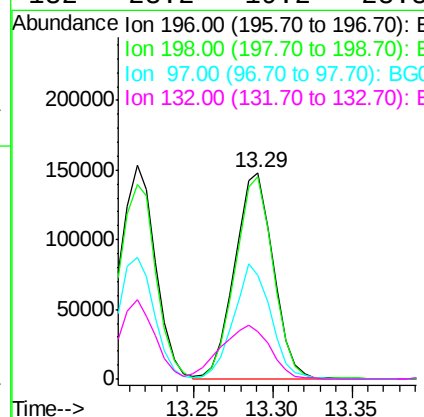
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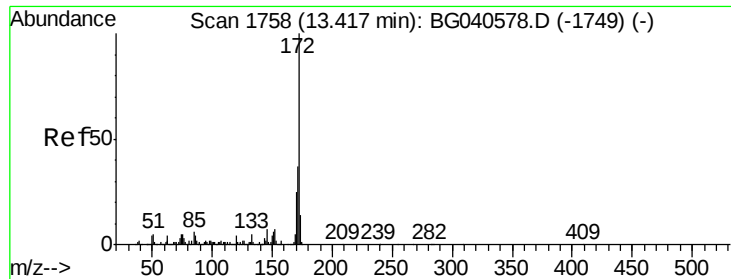
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#44
 2,4,5-Trichlorophenol
 Concen: 47.155 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	250319		
198	98.1	77.0	115.6	
97	50.5	40.0	60.0	
132	23.2	19.2	28.8	





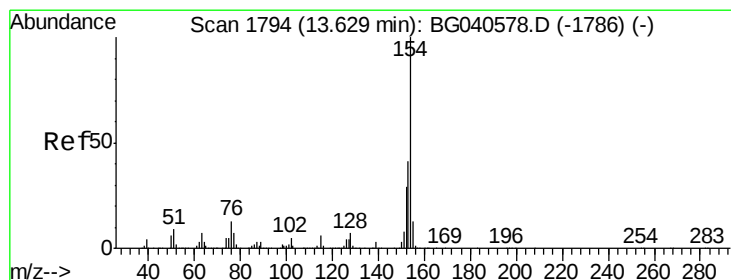
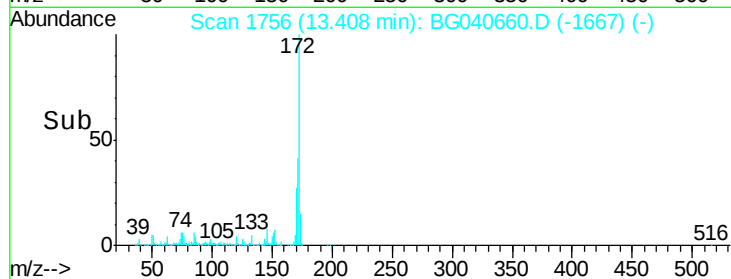
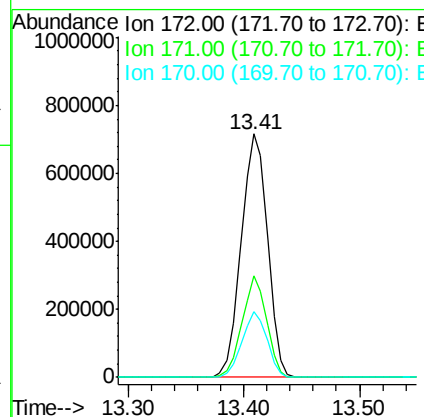
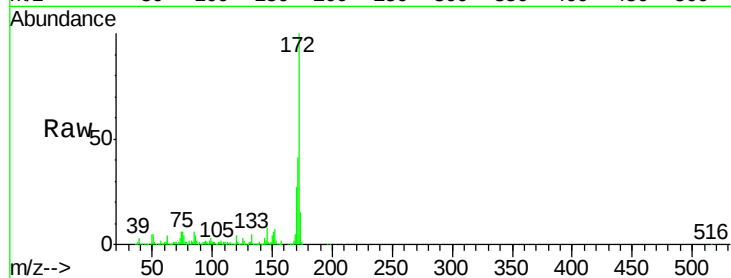
#45
2-Fluorobiphenyl
Concen: 75.098 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.4	29.4	44.2
170	27.1	19.9	29.9

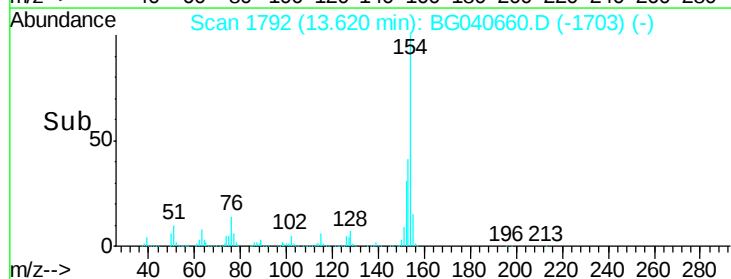
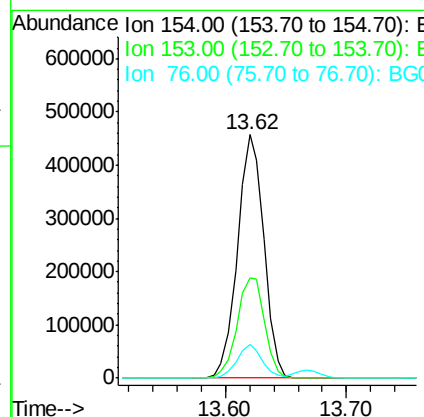
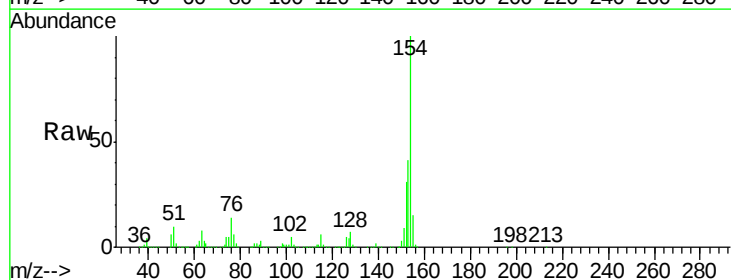
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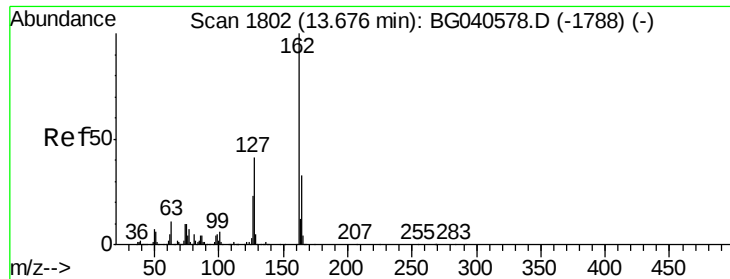
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#46
1,1'-Biphenyl
Concen: 41.218 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.5	60.5
76	14.0	0.0	32.5





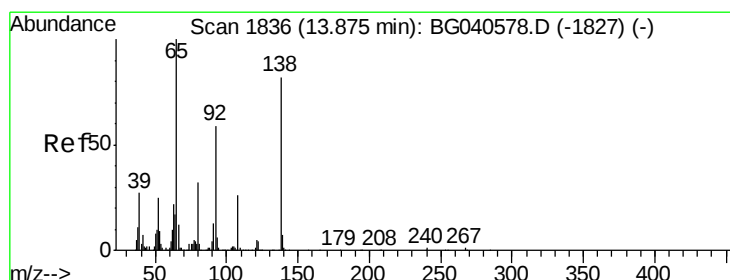
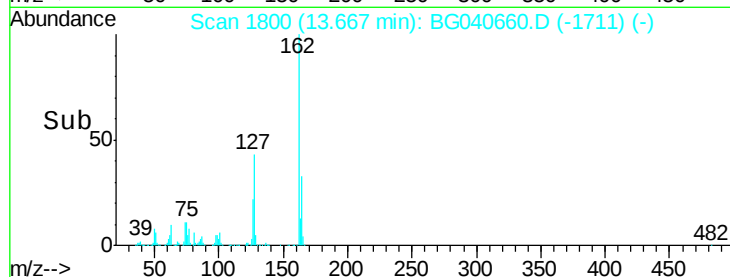
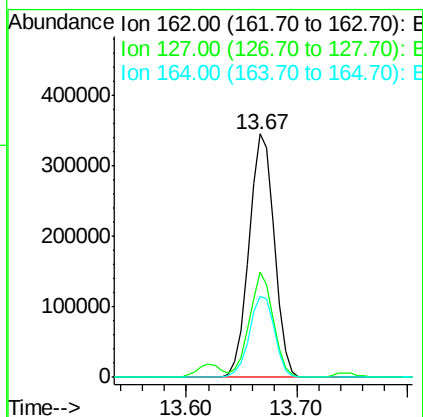
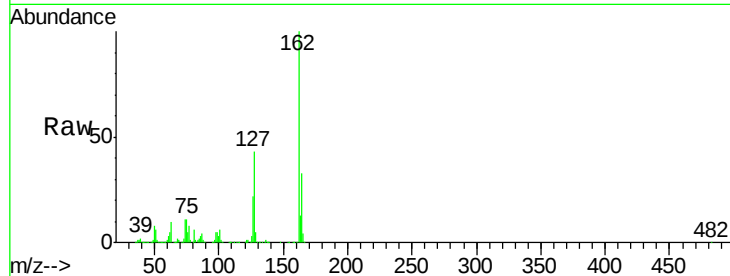
#47
 2-Chloronaphthalene
 Concen: 42.190 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	554914		
127	43.1	33.0	49.4	
164	33.3	26.8	40.2	

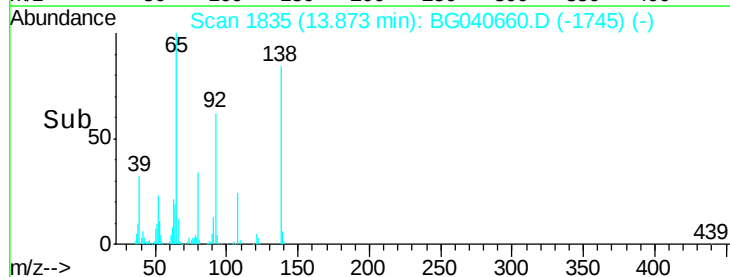
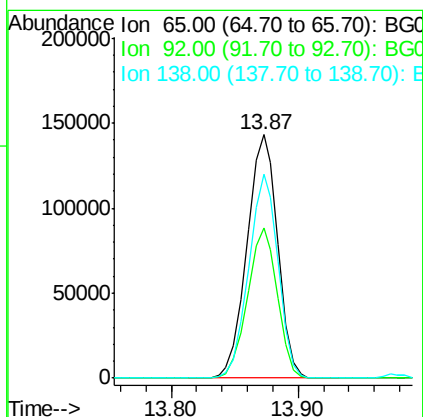
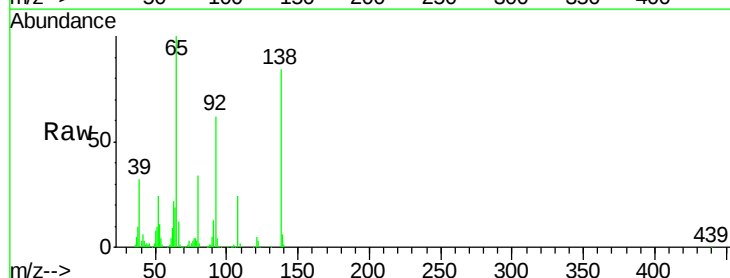
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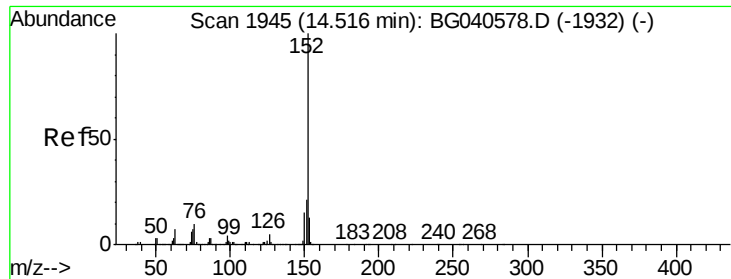
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#48
 2-Nitroaniline
 Concen: 51.294 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	240149		
92	61.9	47.4	71.0	
138	83.6	66.1	99.1	





#49

Acenaphthylene

Concen: 39.720 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

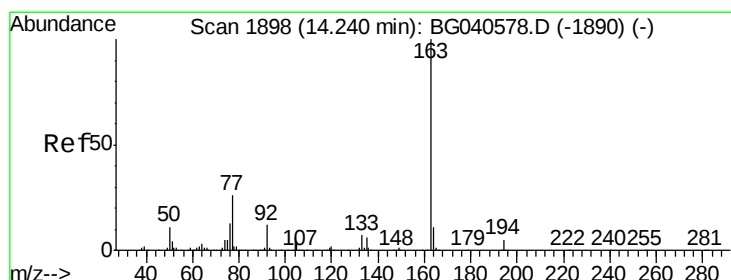
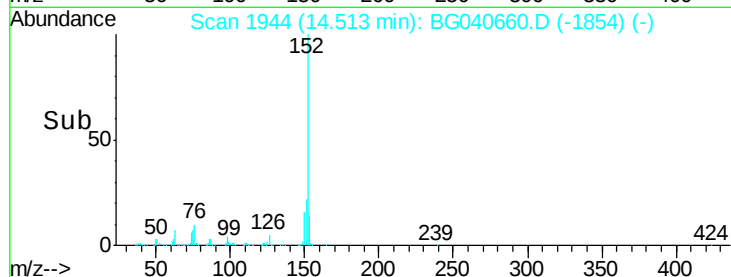
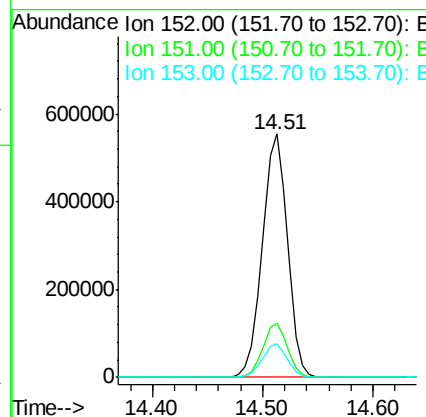
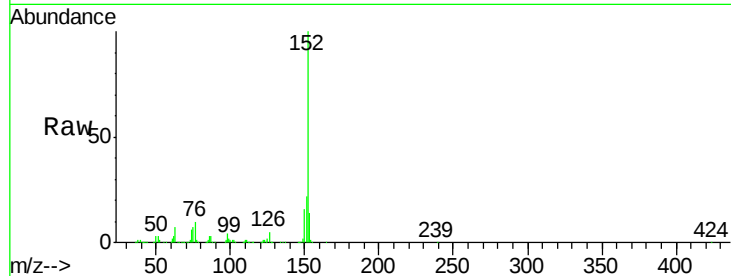
ClientSampleId :

PB119233BSD

Tgt Ion:	152	Resp:	886359
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.2	25.8
153	13.8	10.7	16.1

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#50

Dimethylphthalate

Concen: 42.270 ng

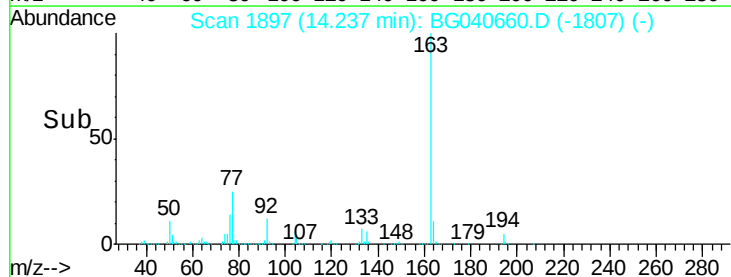
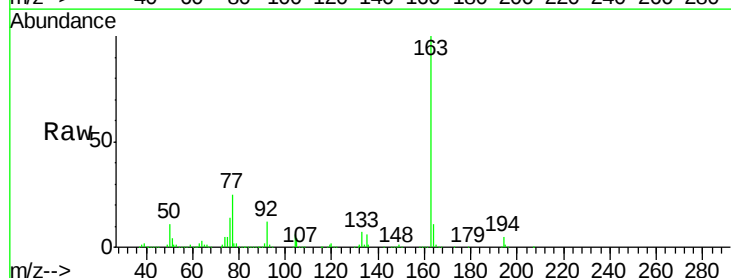
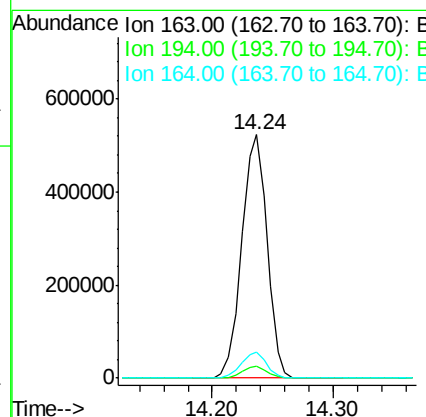
RT: 14.24 min Scan# 1897

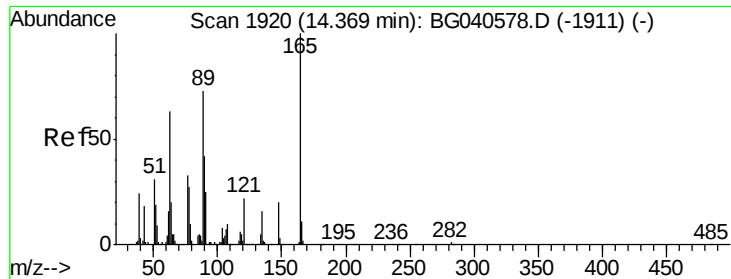
Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	163	Resp:	765558
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.8	5.8
164	10.5	8.8	13.2





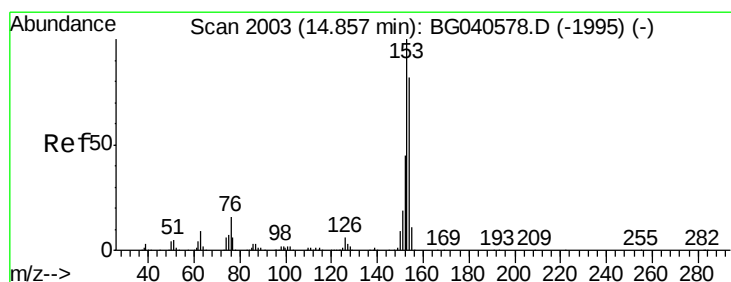
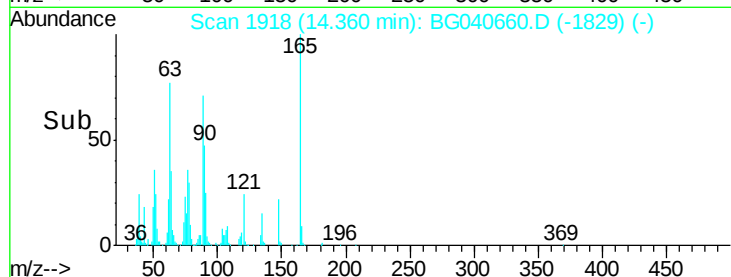
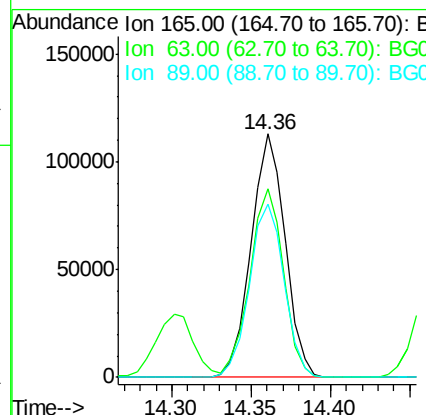
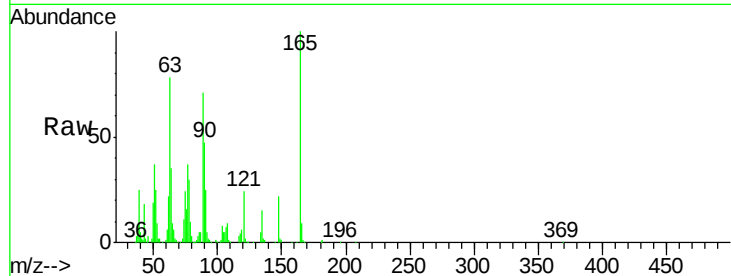
#51
 2,6-Dinitrotoluene
 Concen: 47.629 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168358		
63	77.5	61.0	91.4	
89	71.3	58.6	87.8	

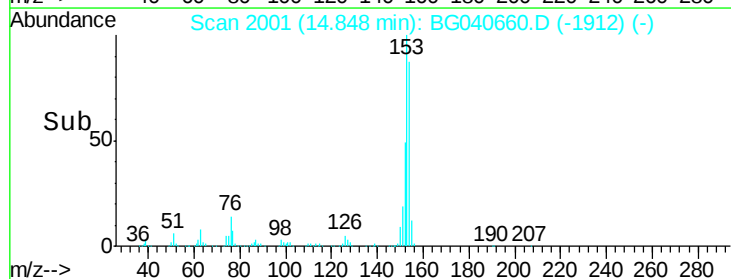
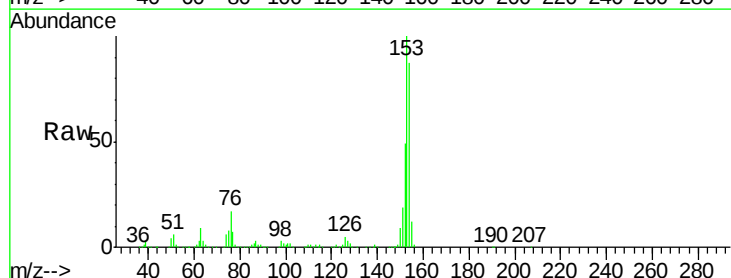
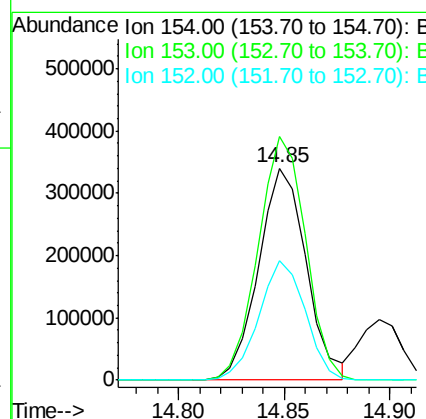
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#52
 Acenaphthene
 Concen: 41.100 ng
 RT: 14.85 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	534113		
153	115.0	97.0	145.6	
152	56.2	44.1	66.1	





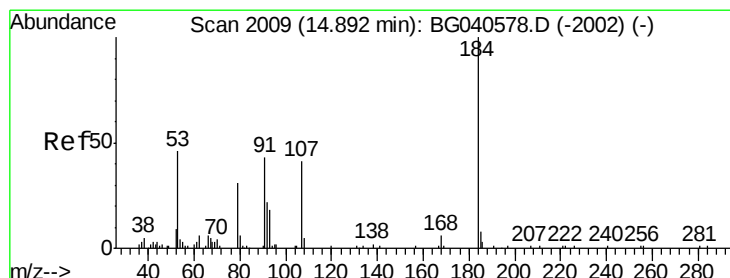
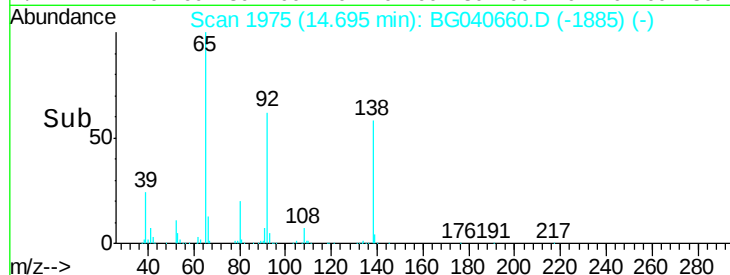
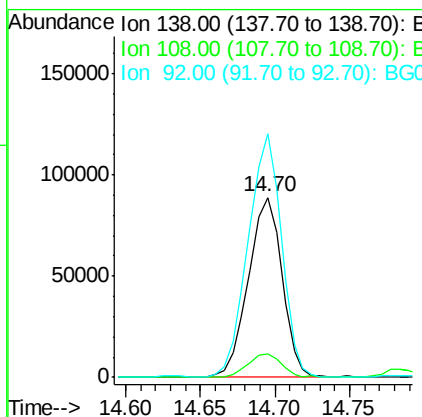
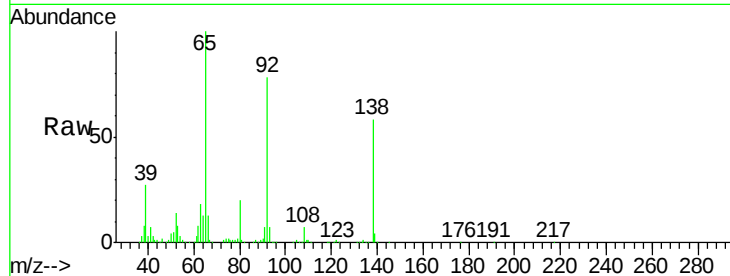
#53
 3-Nitroaniline
 Concen: 38.404 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	139089		
108	12.9	12.4	18.6	
92	135.2	108.6	162.8	

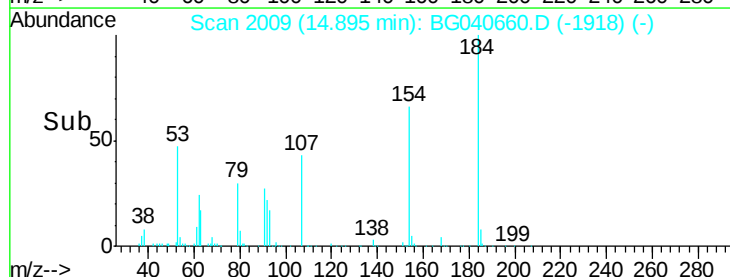
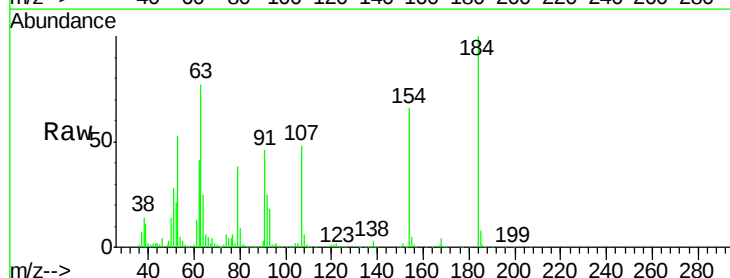
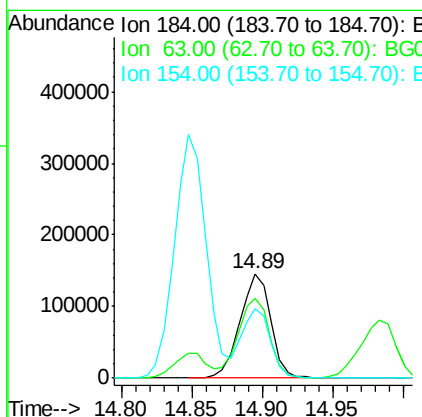
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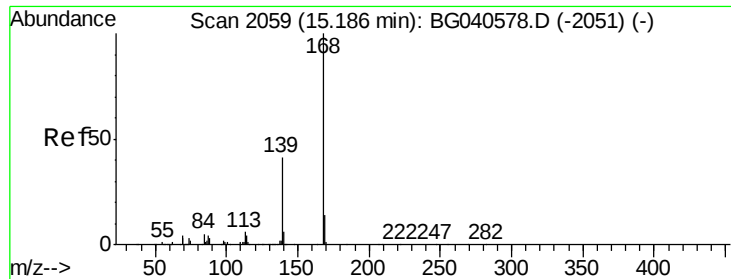
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#54
 2,4-Dinitrophenol
 Concen: 107.395 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	219349		
63	76.7	51.8	77.6	
154	66.0	43.6	65.4#	





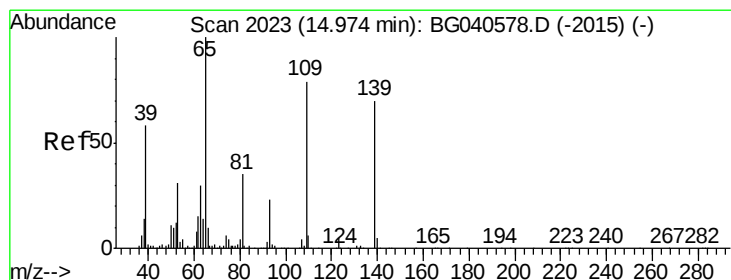
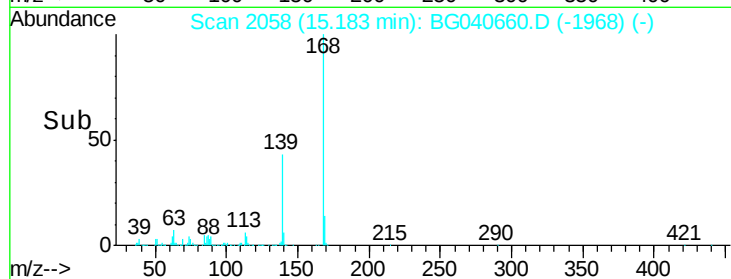
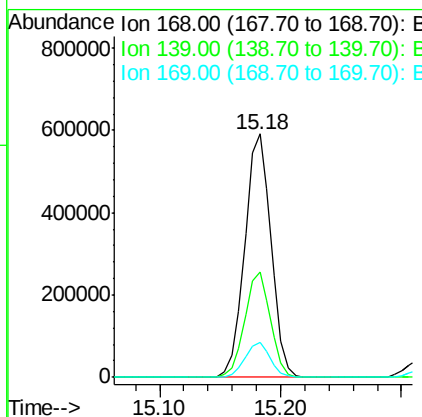
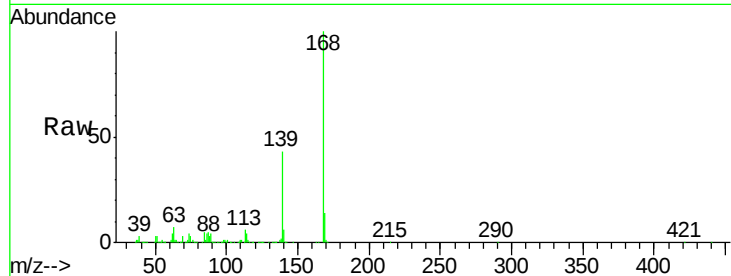
#55
Dibenzofuran
Concen: 41.978 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	893535		
139	43.3		33.0	49.4
169	14.2		11.0	16.4

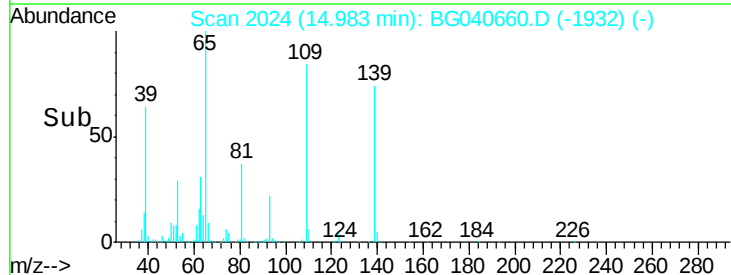
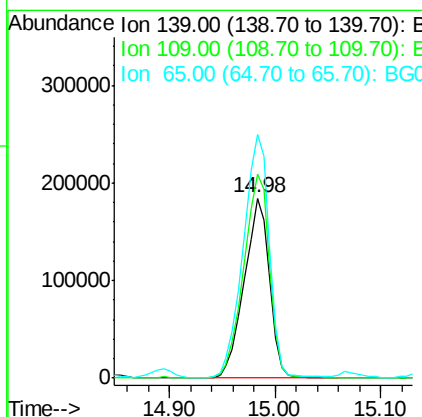
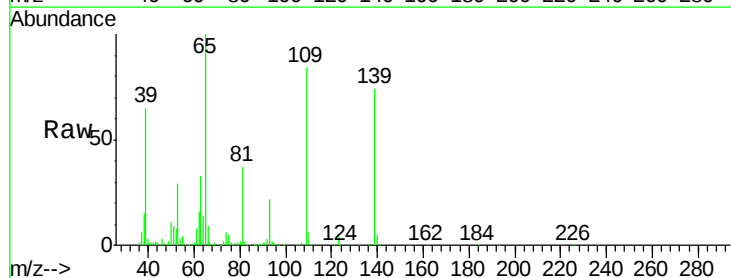
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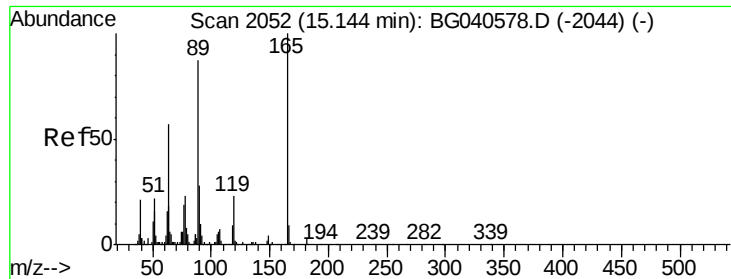
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#56
4-Nitrophenol
Concen: 97.746 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	306968		
109	113.2		93.8	133.8
65	135.2		122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 51.312 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG040660.D

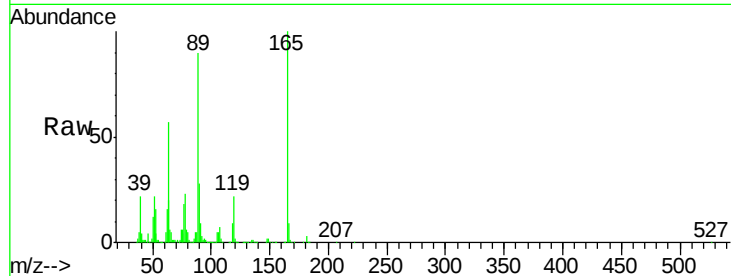
Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

ClientSampleId :

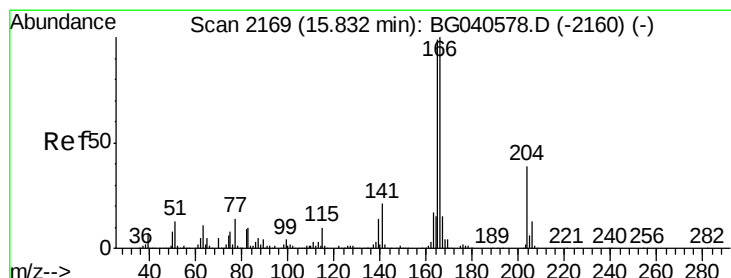
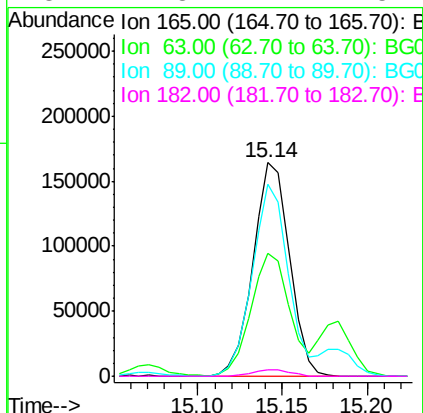
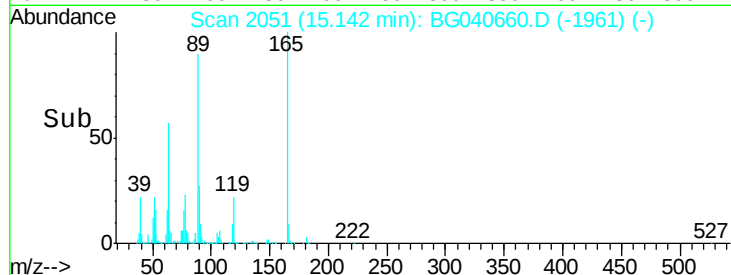
PB119233BSD



Tgt Ion:	165	Resp:	246459
Ion Ratio	Lower	Upper	
165	100		
63	57.2	45.8	68.8
89	89.8	69.4	104.2
182	2.8	2.2	3.4

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#58

Fluorene

Concen: 41.890 ng

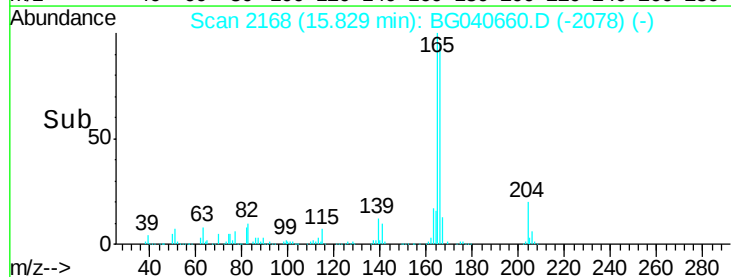
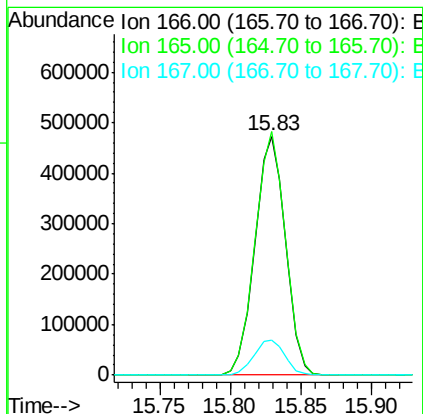
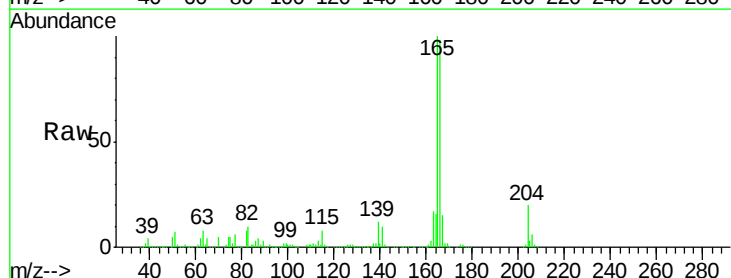
RT: 15.83 min Scan# 2168

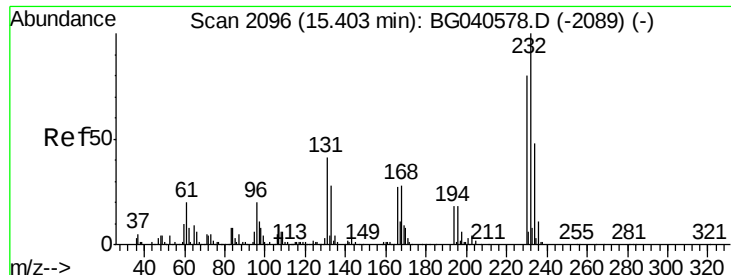
Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	166	Resp:	720693
Ion Ratio	Lower	Upper	
166	100		
165	102.0	79.6	119.4
167	14.8	12.2	18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.179 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

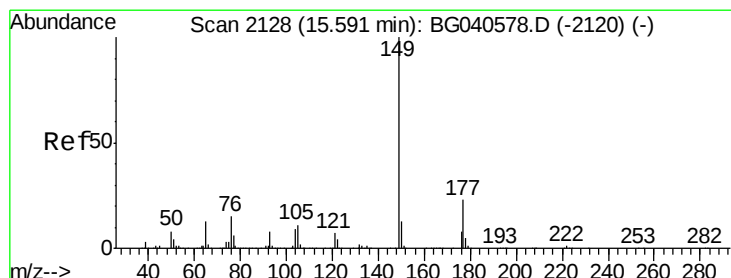
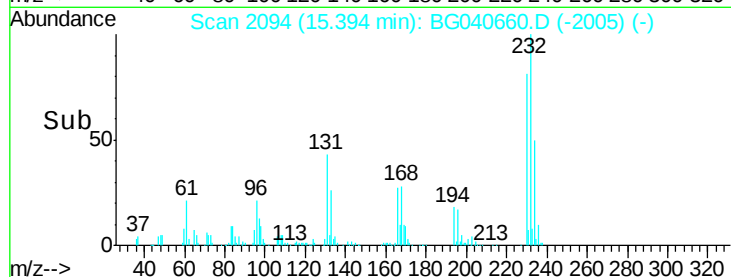
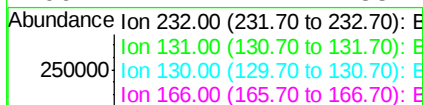
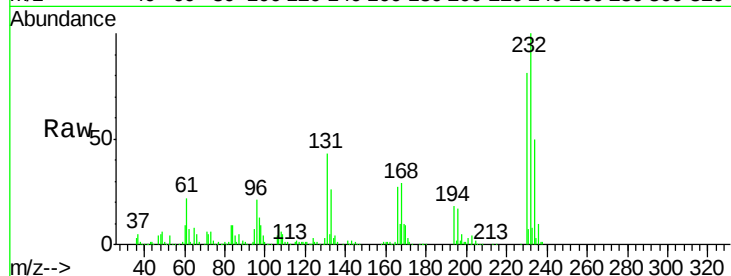
ClientSampled :

PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	268108		
131	41.7	33.0	49.4	
130	2.5	2.0	3.0	
166	27.7	22.1	33.1	

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#60

Diethylphthalate

Concen: 42.678 ng

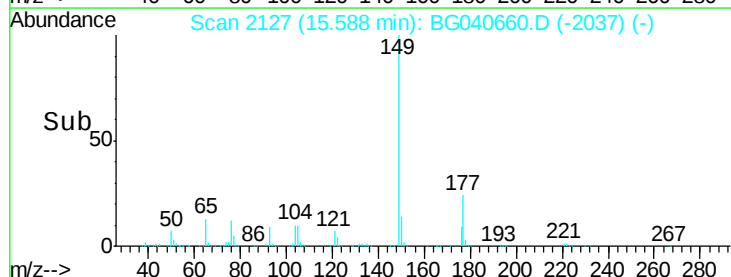
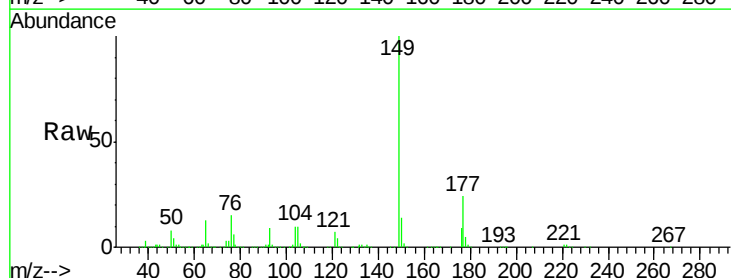
RT: 15.59 min Scan# 2127

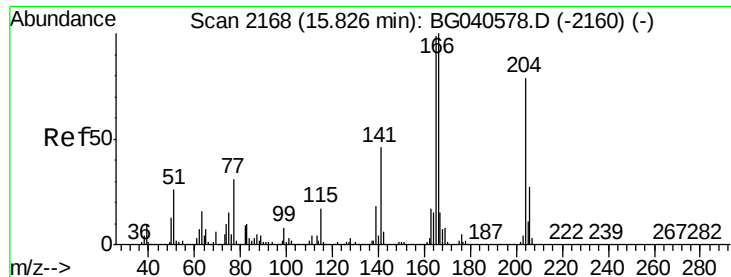
Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	815524		
177	23.9	18.5	27.7	
150	13.5	10.2	15.4	





#61

4-Chlorophenyl-phenylether

Concen: 43.844 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

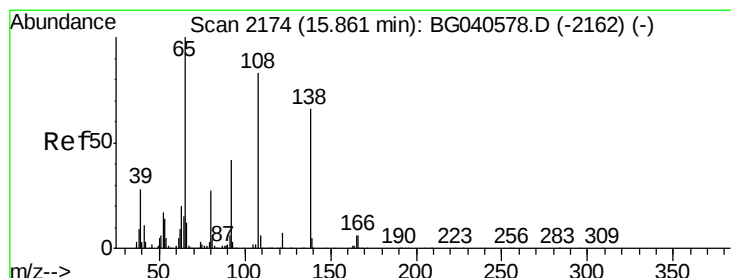
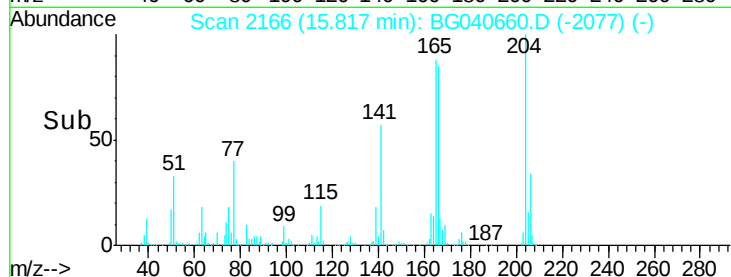
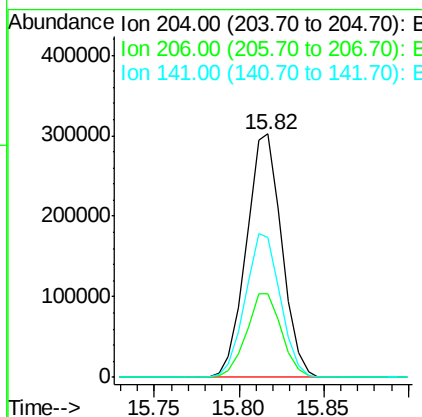
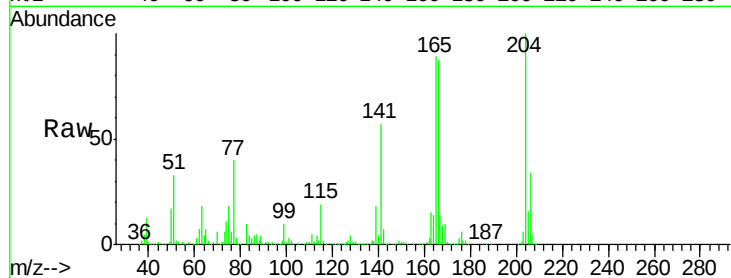
ClientSampleId :

PB119233BSD

Tgt Ion:	204	Resp:	438708
Ion Ratio	Lower	Upper	
204	100		
206	34.2	27.4	41.2
141	57.3	46.0	69.0

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#62

4-Nitroaniline

Concen: 45.731 ng

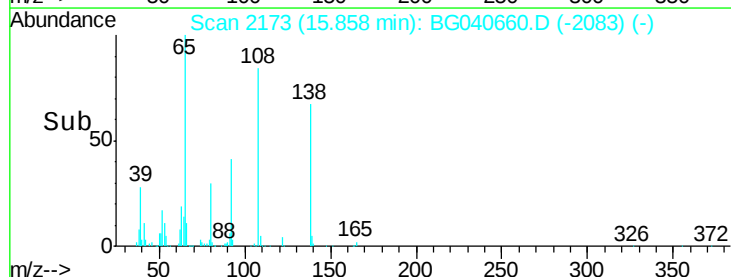
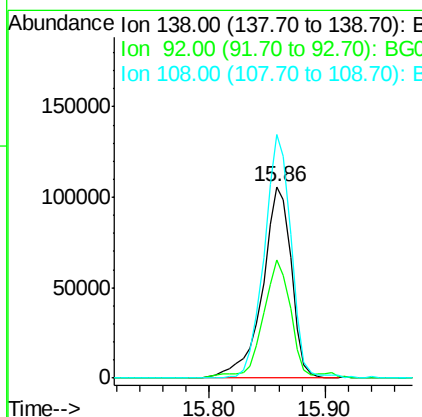
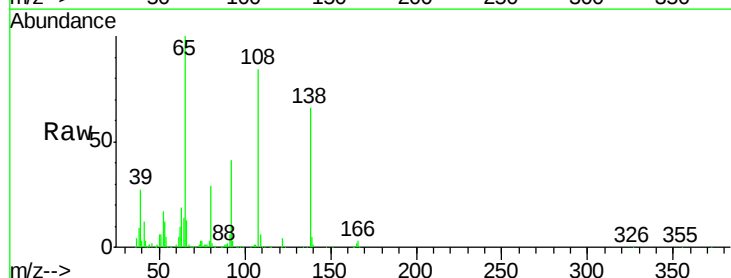
RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	138	Resp:	185273
Ion Ratio	Lower	Upper	
138	100		
92	61.8	43.9	83.9
108	127.3	106.5	146.5





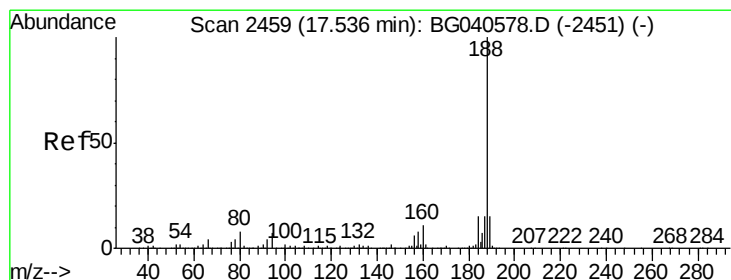
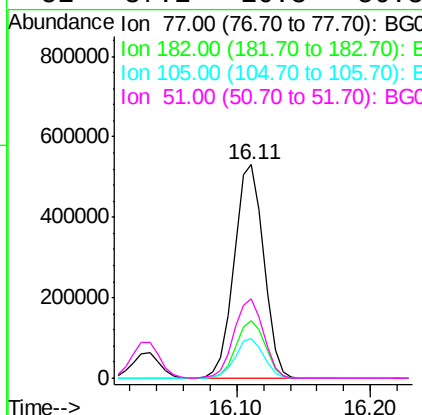
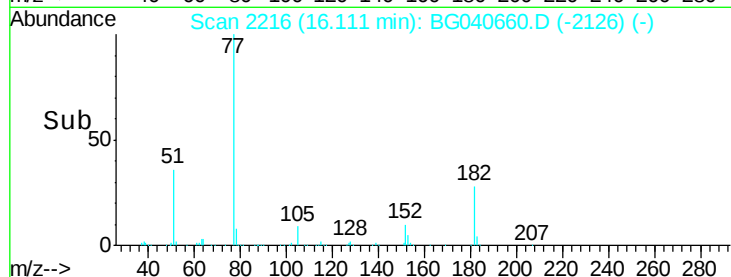
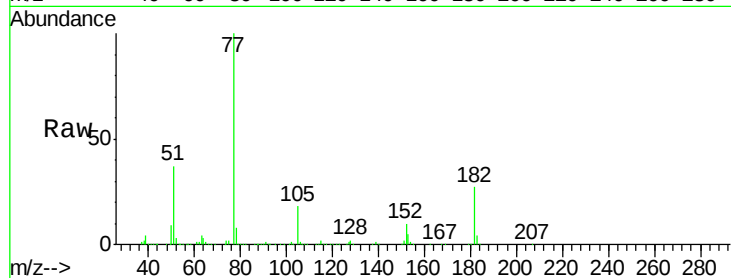
#63
Azobenzene
Concen: 41.409 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		814901		
182	26.8	5.0	45.0		
105	18.3	0.0	37.6		
51	37.1	16.3	56.3		

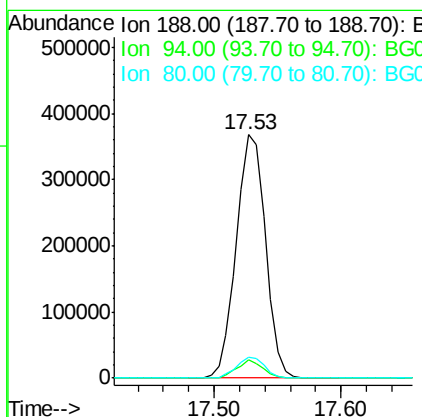
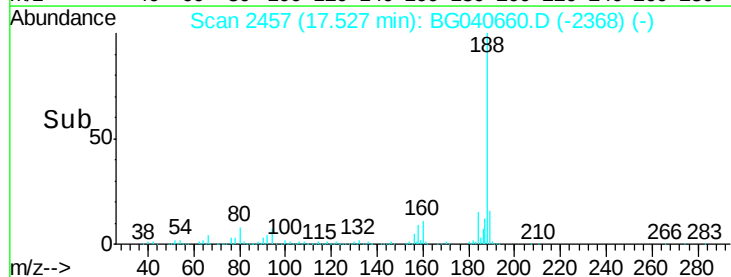
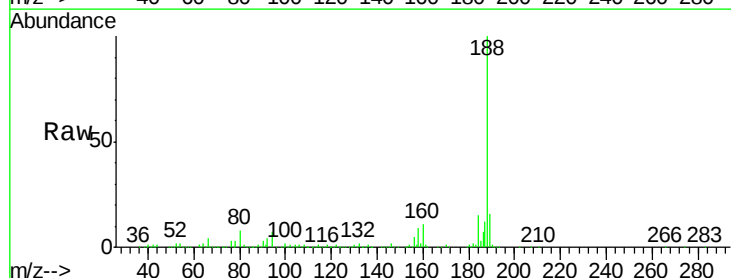
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		587189		
94	7.5	5.6	8.4		
80	8.5	6.4	9.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 50.121 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

ClientSampleId :

PB119233BSD

Tgt Ion:198 Resp: 146077
Ion Ratio Lower Upper

198 100

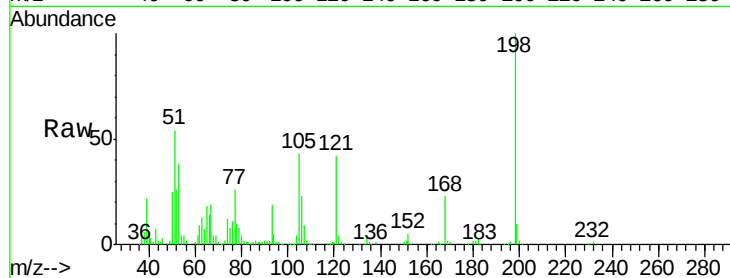
51 54.3 35.9 75.9

105 43.4 21.2 61.2

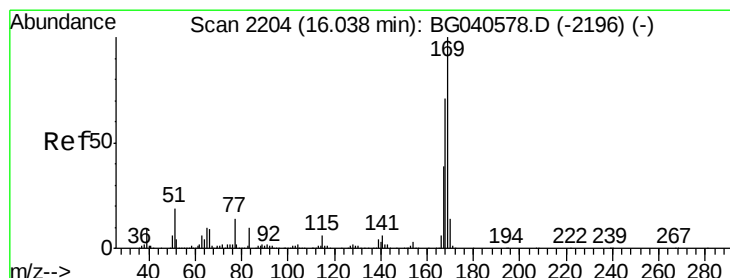
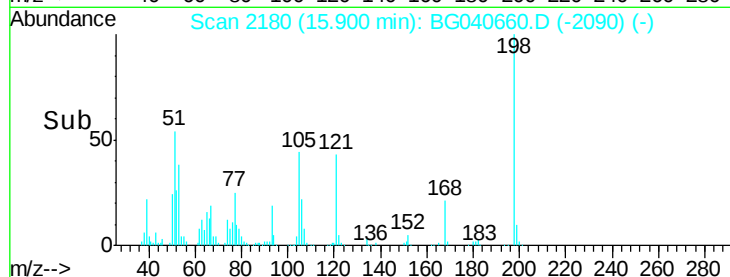
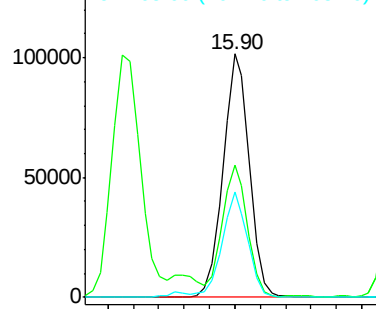
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.404 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG040660.D

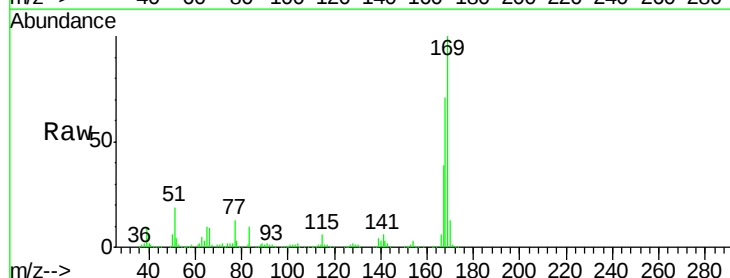
Acq: 29 Apr 2019 14:10

Tgt Ion:169 Resp: 680728
Ion Ratio Lower Upper

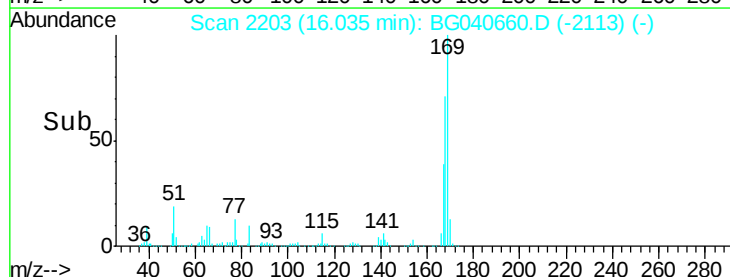
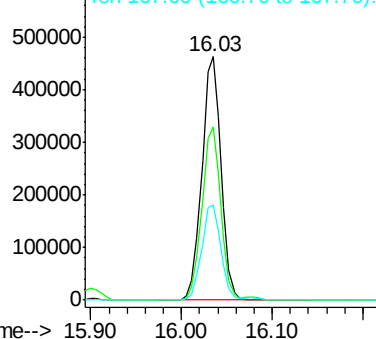
169 100

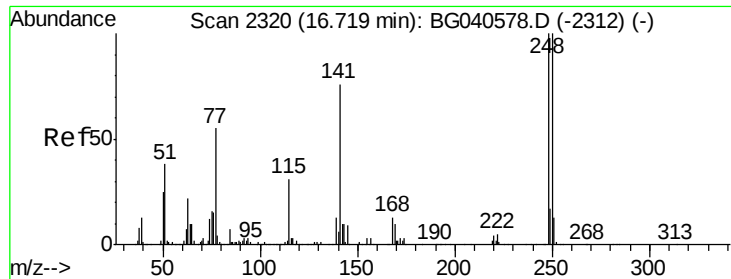
168 71.0 56.8 85.2

167 39.2 31.4 47.0



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





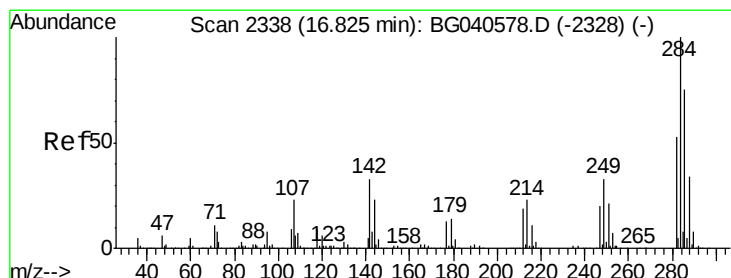
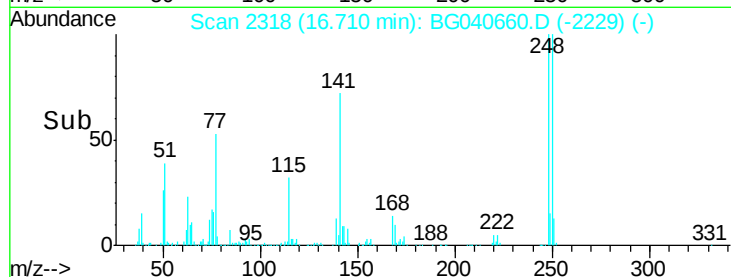
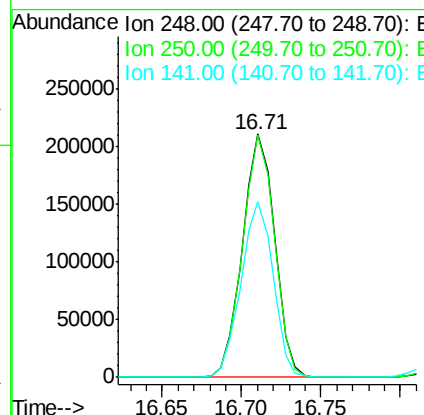
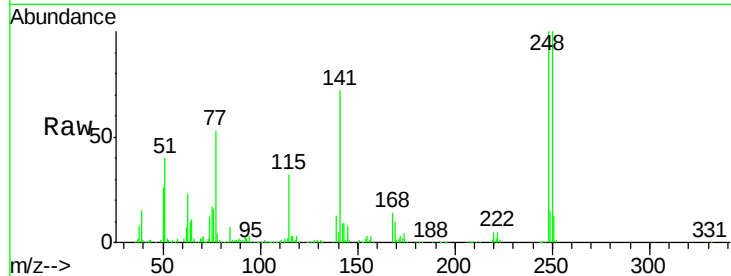
#67
 4-Bromophenyl-phenylether
 Concen: 40.735 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	298000		
250	99.8	79.8	119.6	
141	72.2	60.8	91.2	

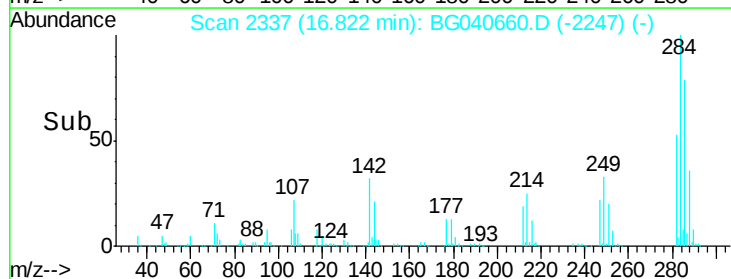
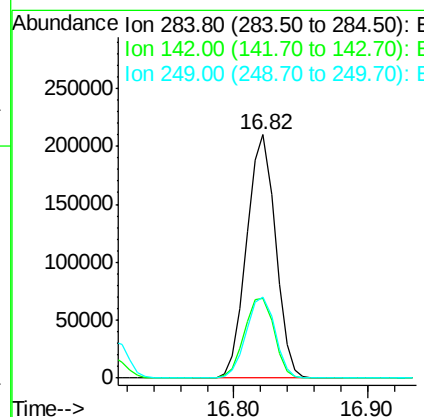
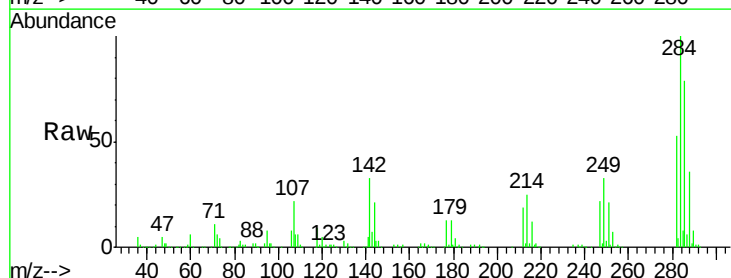
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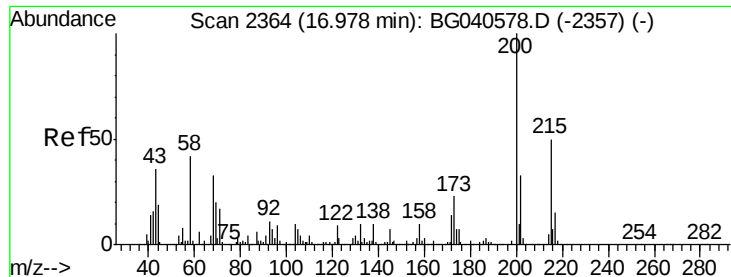
Sohil
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#68
 Hexachlorobenzene
 Concen: 41.158 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	311329		
142	32.8	26.6	40.0	
249	33.4	26.0	39.0	





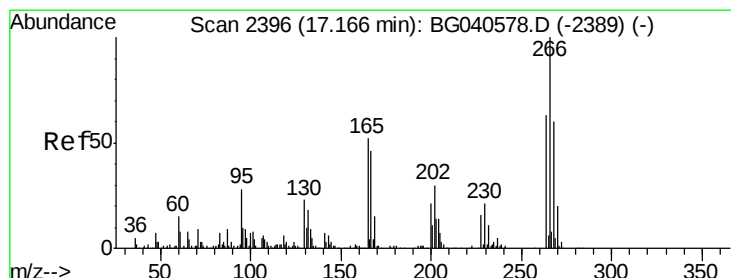
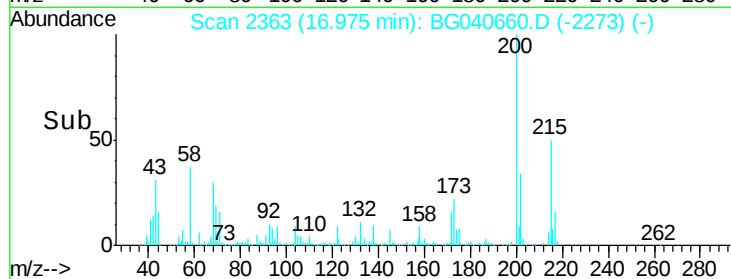
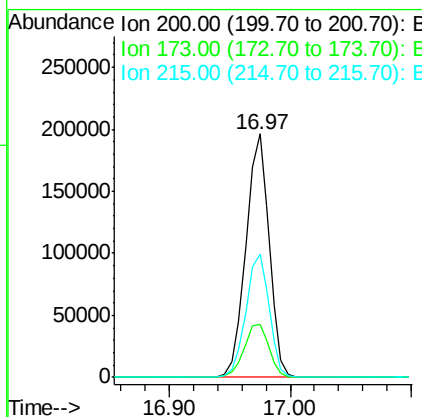
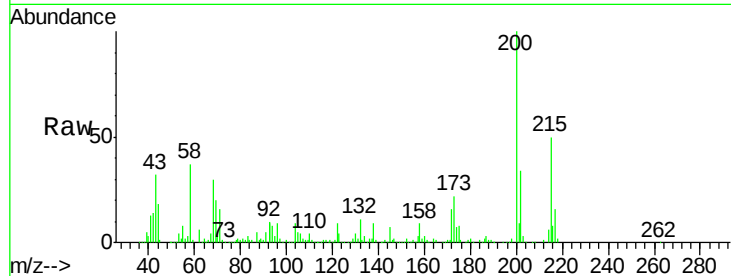
#69
Atrazine
Concen: 38.498 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampled :
PB119233BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	21.9	2.8	42.8
215	50.5	30.2	70.2

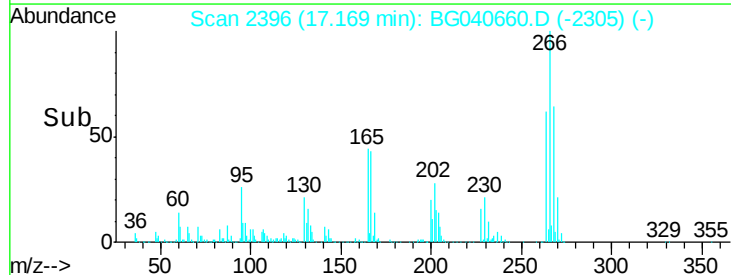
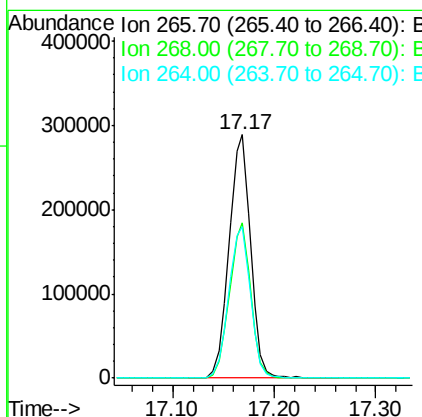
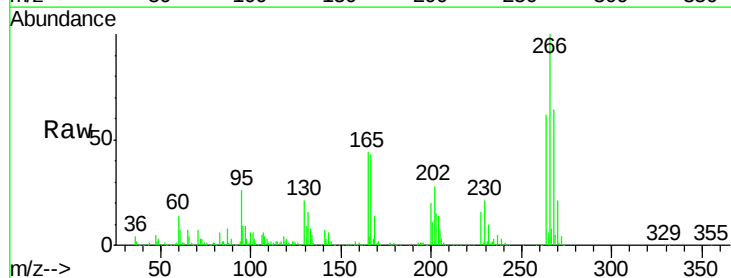
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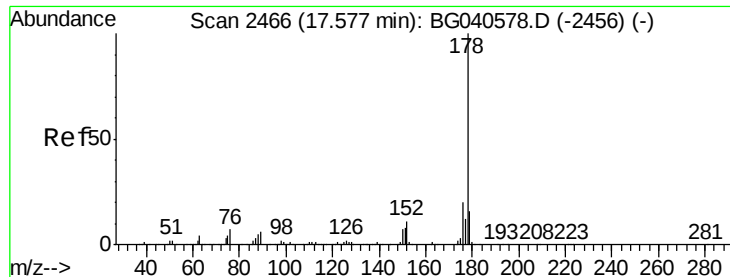
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#70
Pentachlorophenol
Concen: 95.792 ng
RT: 17.17 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	52.3	78.5
264	62.3	50.0	75.0





#71

Phenanthrene

Concen: 40.130 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

ClientSampleId :

PB119233BSD

Tgt Ion:178 Resp: 1269199

Ion Ratio Lower Upper

178 100

176 21.2 15.8 23.6

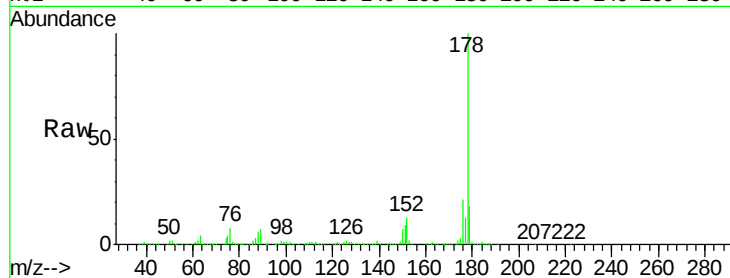
179 18.3 12.6 18.8

Manual Integrations

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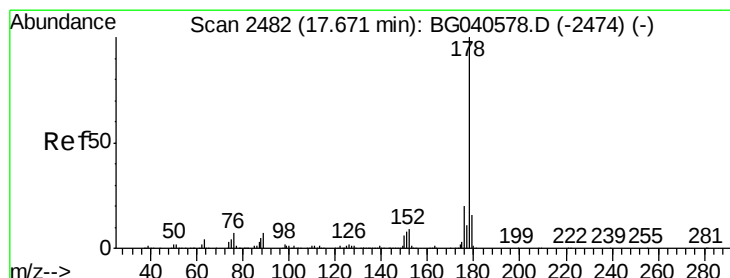
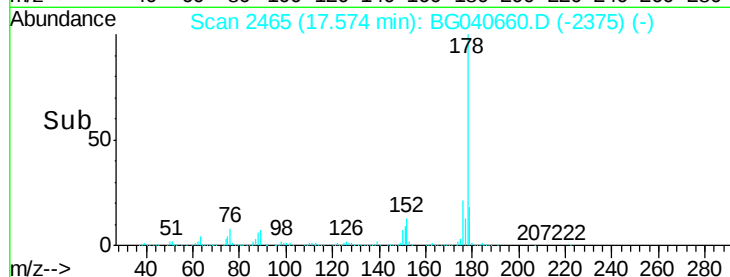
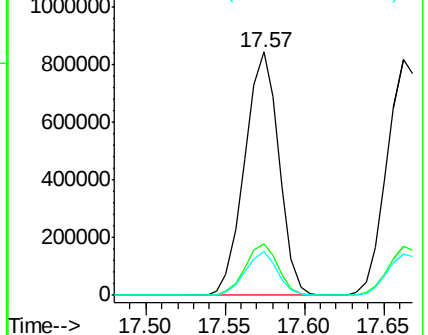
4/30/2019 6:44:41 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.325 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:178 Resp: 1281983

Ion Ratio Lower Upper

178 100

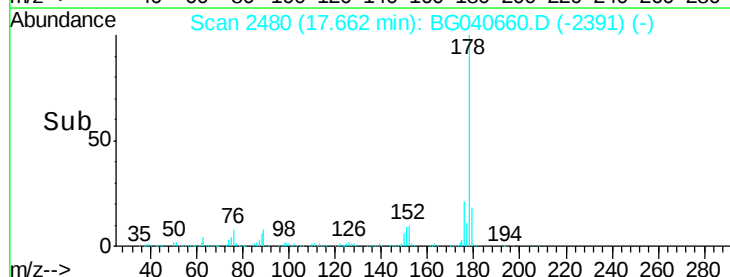
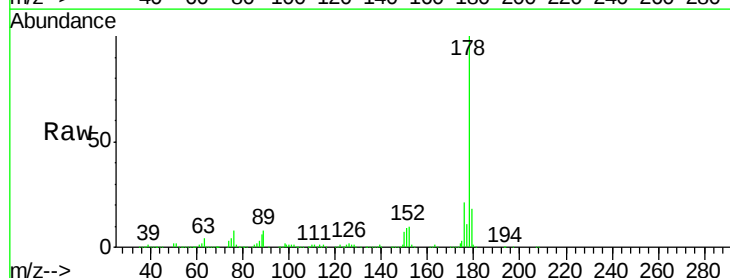
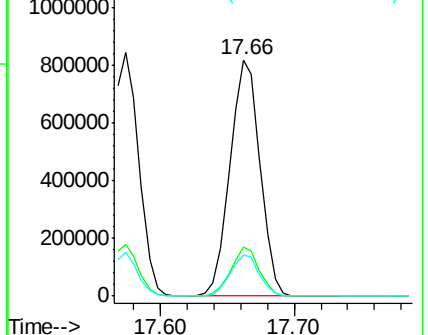
176 20.8 15.6 23.4

179 17.7 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





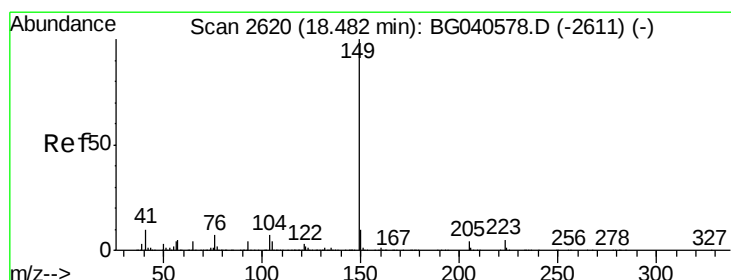
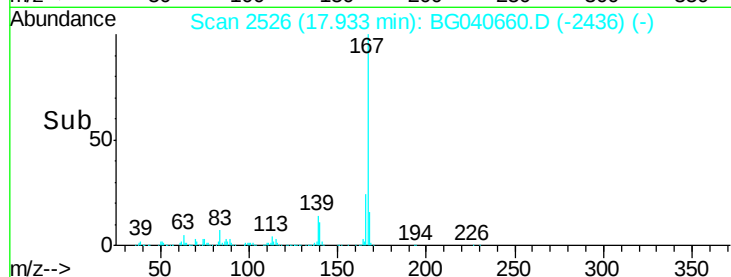
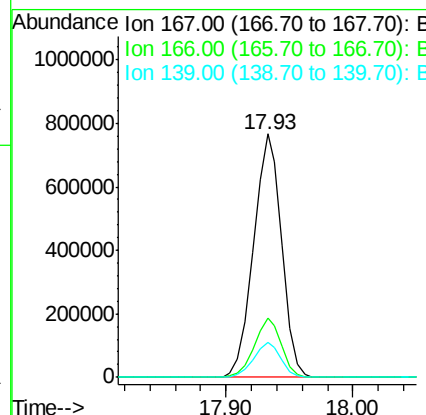
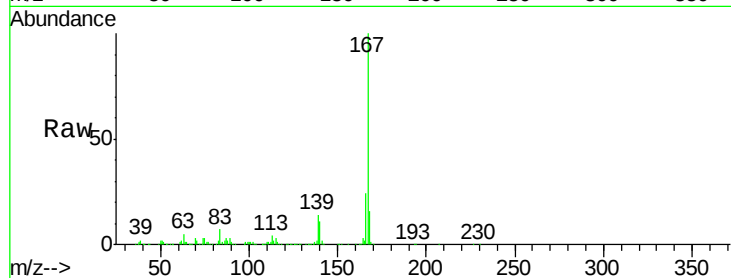
#73
 Carbazole
 Concen: 40.578 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.2	27.4
139	14.5	11.4	17.0

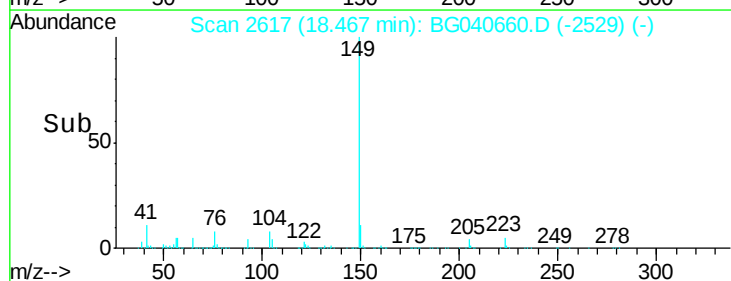
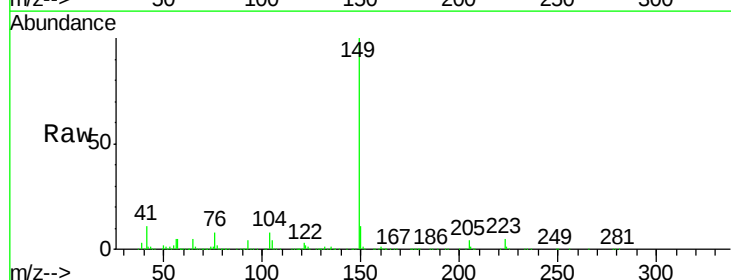
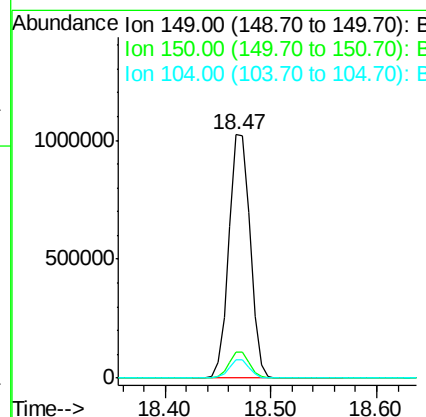
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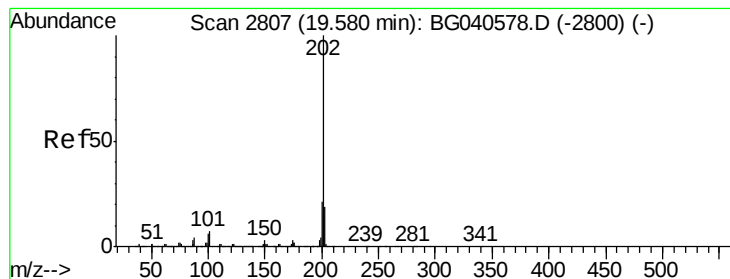
Sohil
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#74
 Di-n-butylphthalate
 Concen: 40.811 ng
 RT: 18.47 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	7.7	5.4	8.2





#75

Fluoranthene

Concen: 41.451 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

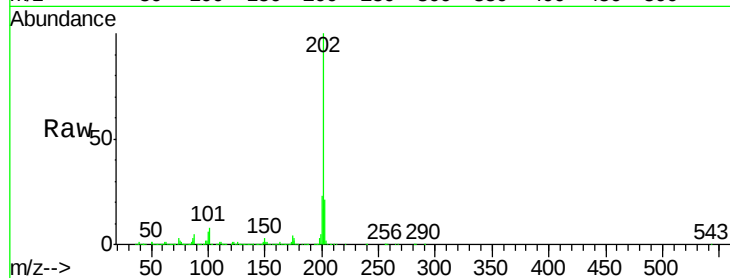
ClientSampleId :

PB119233BSD

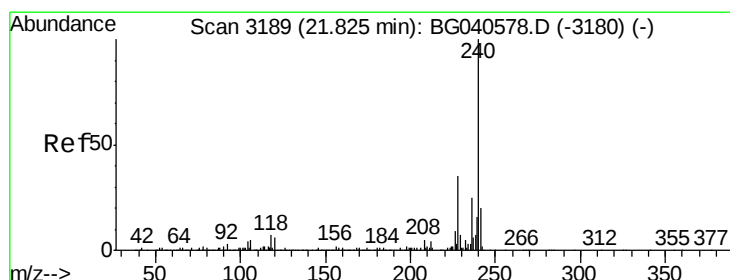
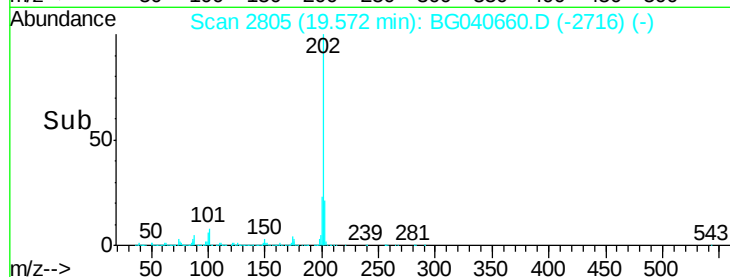
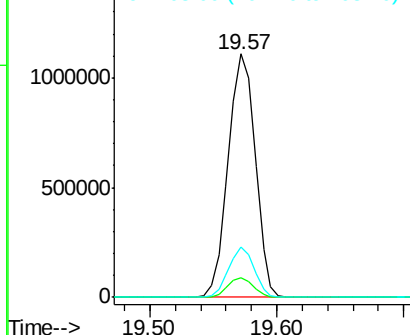
Tgt Ion:	202	Resp:	1633700
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
203	20.6	0.0	39.3

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

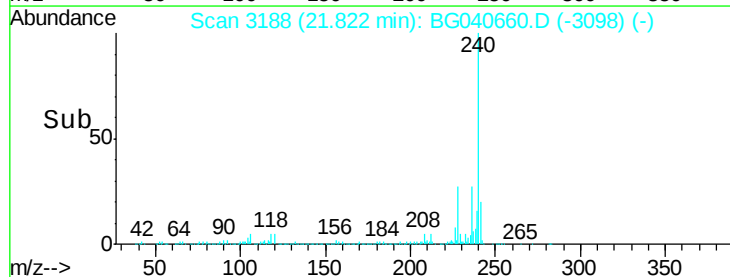
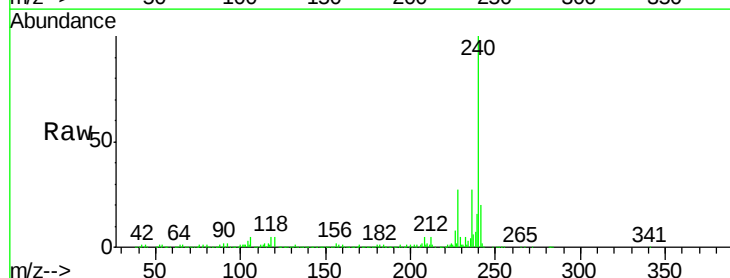
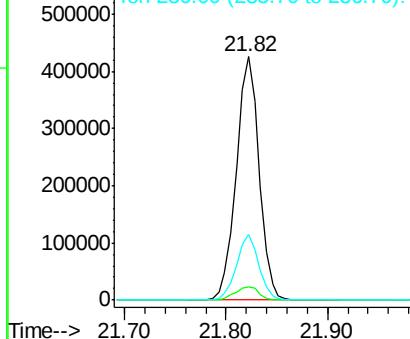
Delta R.T. -0.00 min

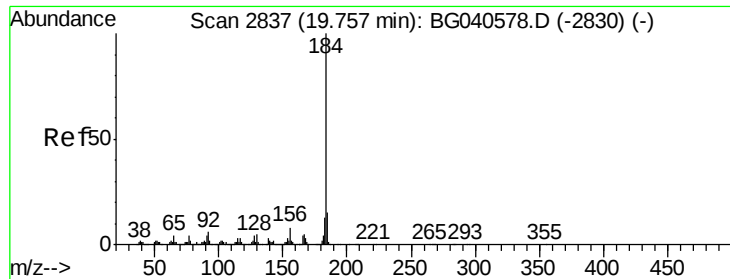
Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	240	Resp:	664754
Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.0	7.6
236	26.8	20.3	30.5

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





#77

Benzidine

Concen: 18.932 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

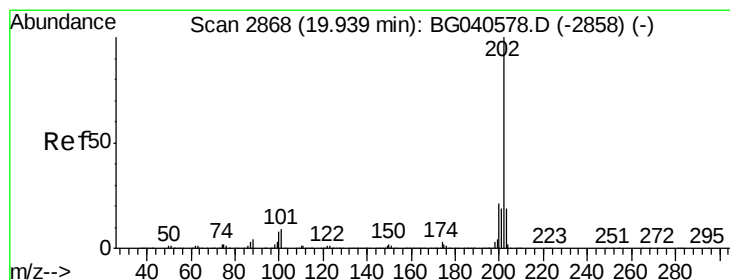
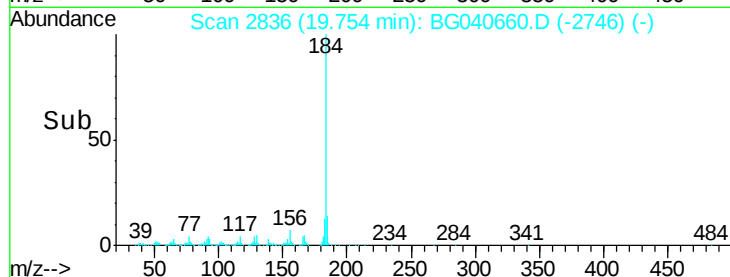
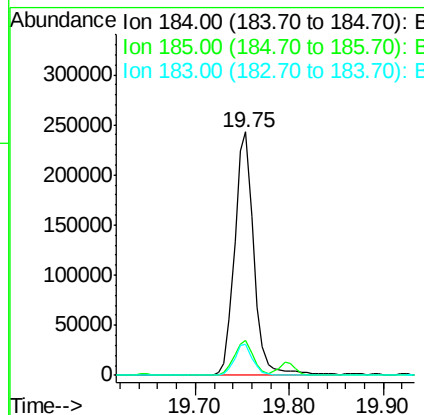
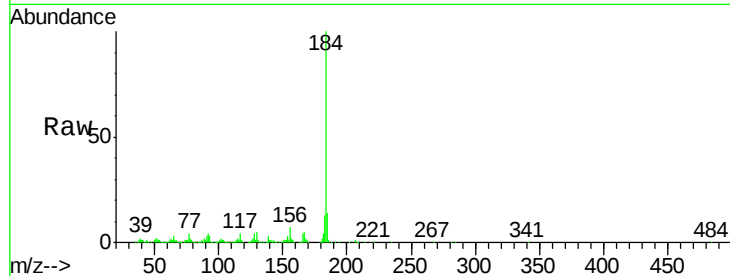
ClientSampleId :

PB119233BSD

Tgt Ion:	184	Resp:	344585
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.8	17.8
183	12.9	10.2	15.2

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#78

Pyrene

Concen: 38.394 ng

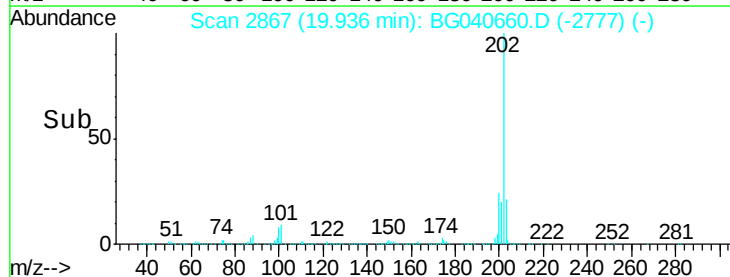
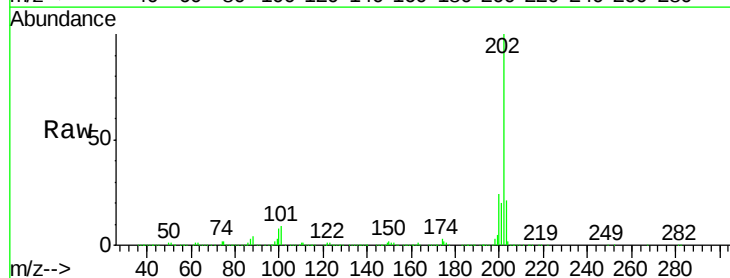
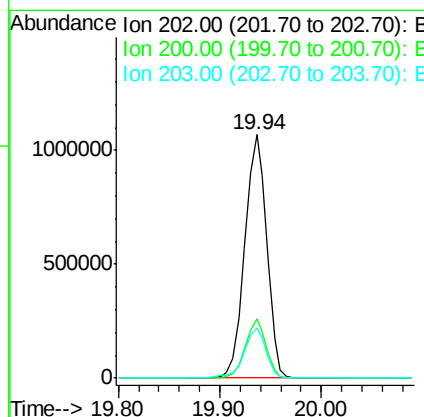
RT: 19.94 min Scan# 2867

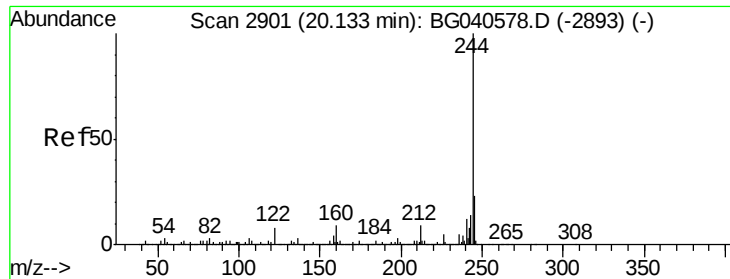
Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Tgt Ion:	202	Resp:	1599623
Ion Ratio	Lower	Upper	
202	100		
200	24.2	17.2	25.8
203	20.5	15.0	22.4





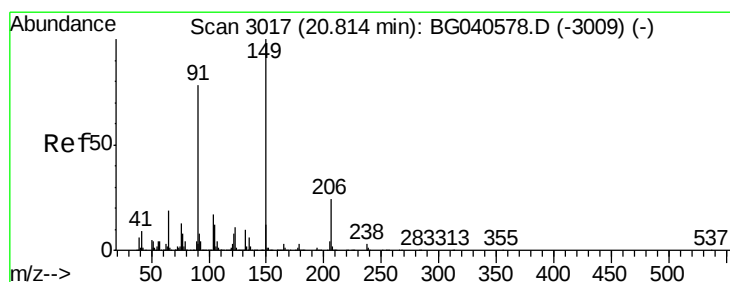
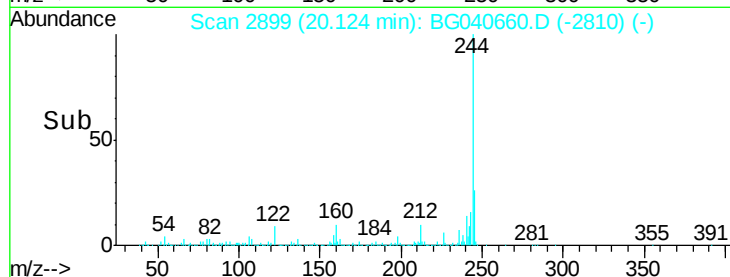
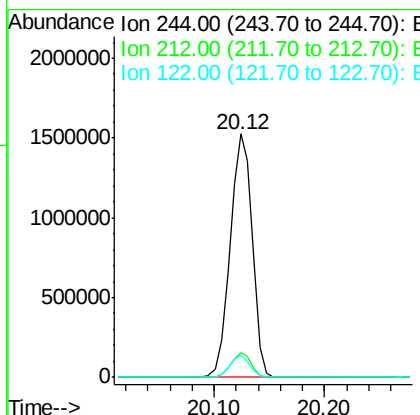
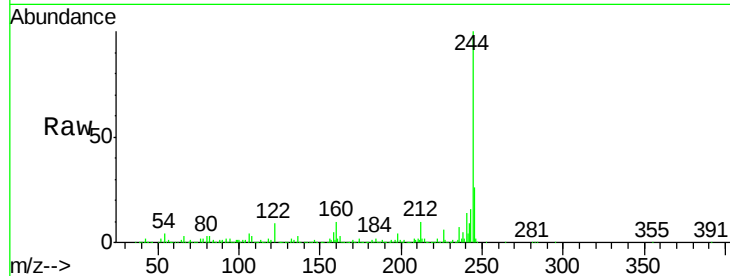
#79
 Terphenyl-d14
 Concen: 70.826 ng
 RT: 20.12 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.2	10.8
122	9.2	6.6	10.0

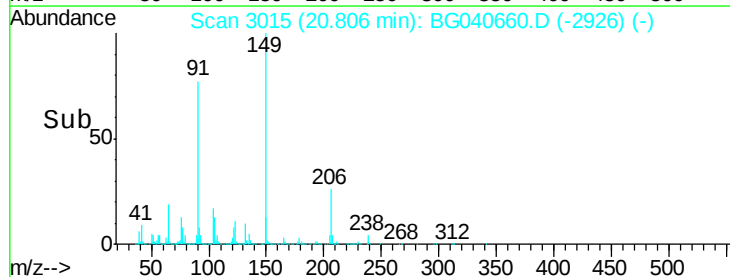
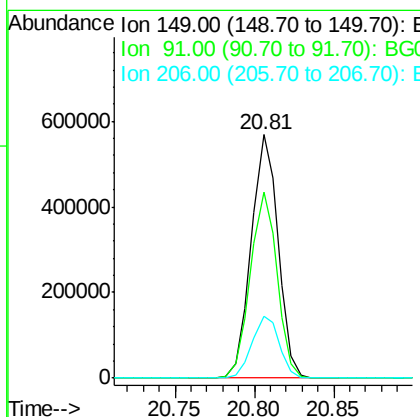
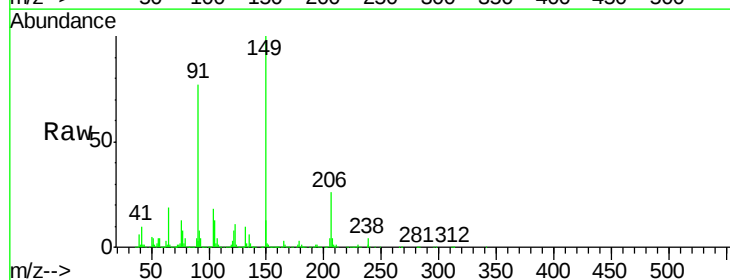
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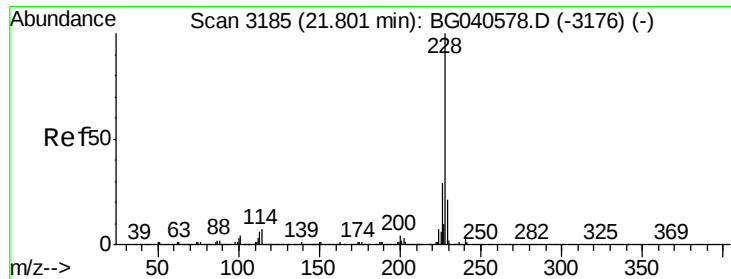
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#80
 Butylbenzylphthalate
 Concen: 41.404 ng
 RT: 20.81 min Scan# 3015
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.6	62.6	93.8
206	25.6	19.4	29.2





#81

Benzo(a)anthracene

Concen: 38.852 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

ClientSampleId :

PB119233BSD

Tgt Ion:228 Resp: 1632276

Ion Ratio Lower Upper

228 100

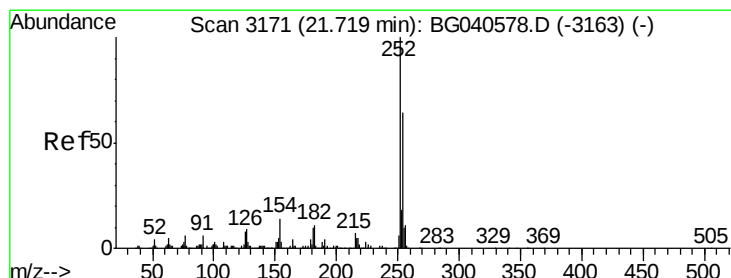
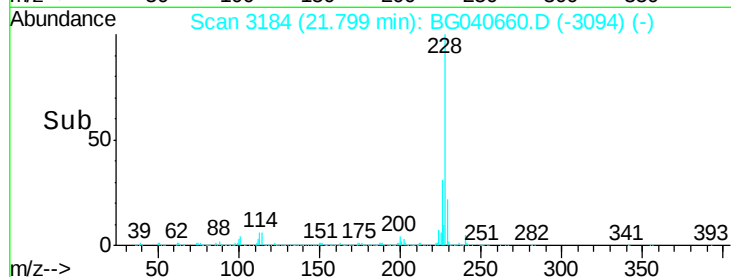
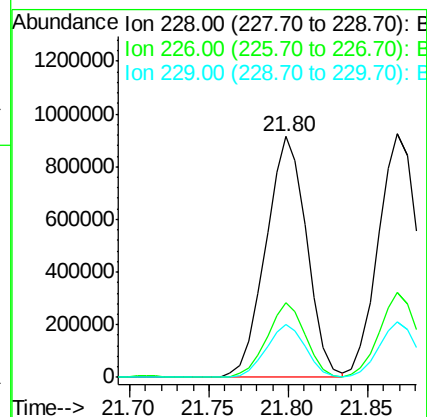
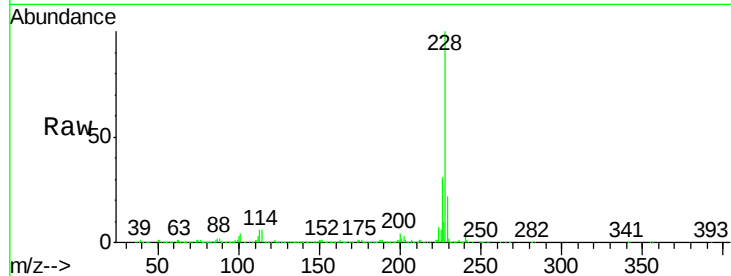
226 31.1 23.1 34.7

229 22.0 17.0 25.4

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#82

3,3'-Dichlorobenzidine

Concen: 34.389 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

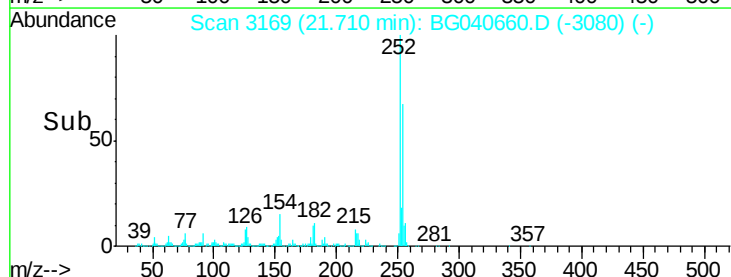
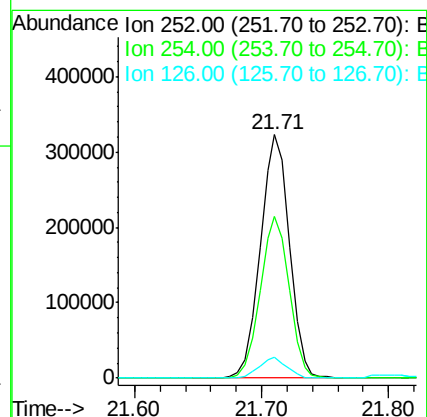
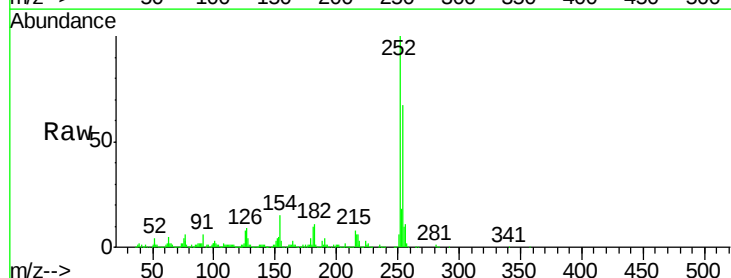
Tgt Ion:252 Resp: 514952

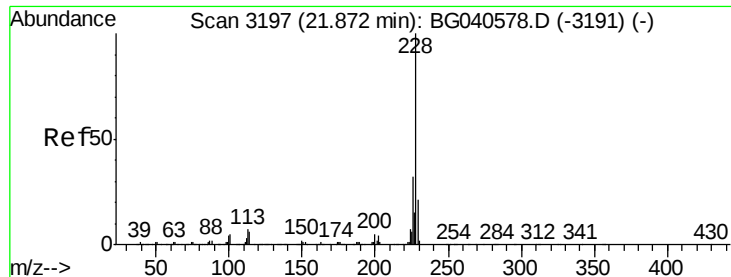
Ion Ratio Lower Upper

252 100

254 66.7 51.2 76.8

126 8.3 6.6 10.0





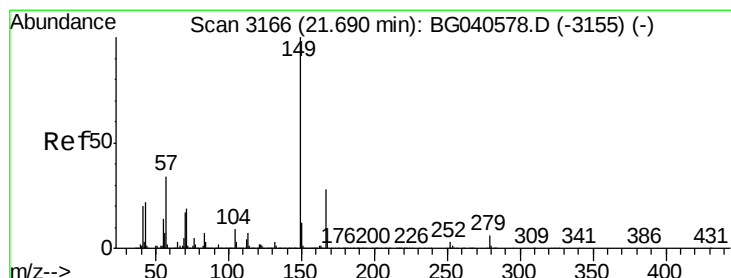
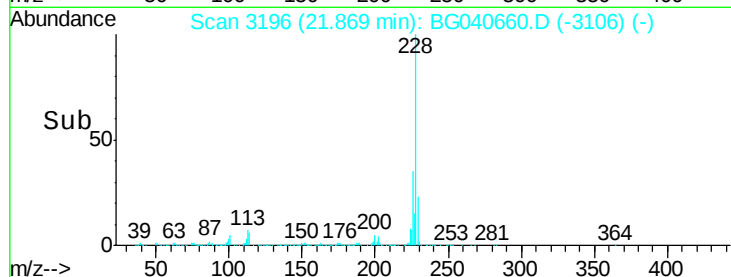
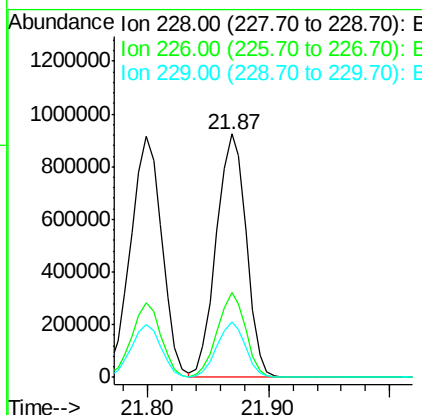
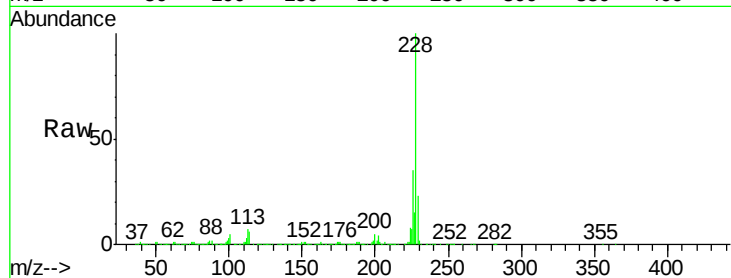
#83
 Chrysene
 Concen: 39.505 ng
 RT: 21.87 min Scan# 3196
 Delta R.T. -0.00 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	25.5	38.3
229	22.7	16.8	25.2

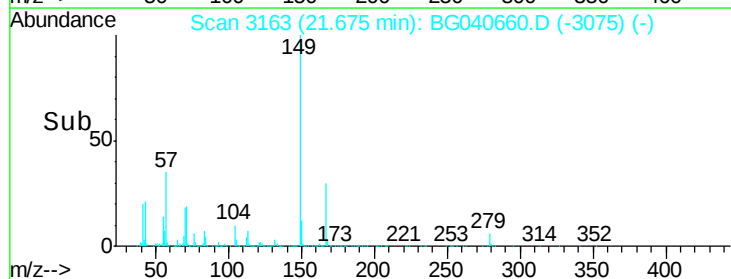
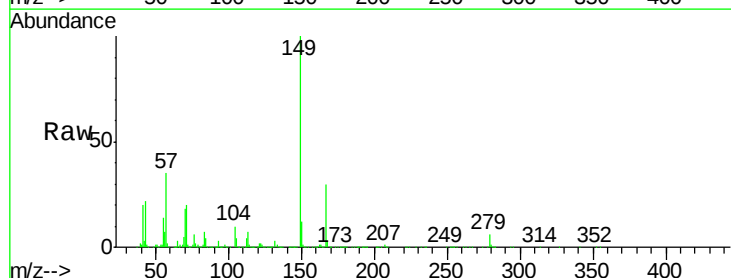
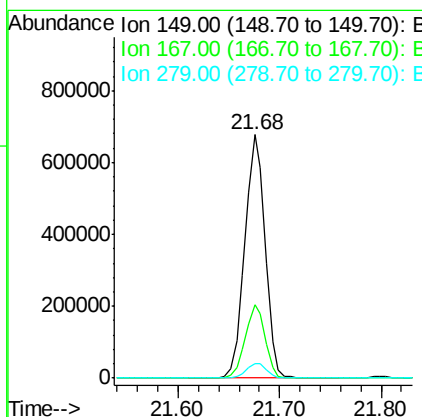
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.978 ng
 RT: 21.68 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.4	33.6
279	6.1	4.6	6.8





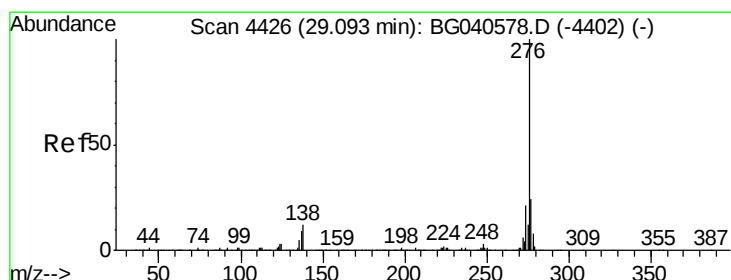
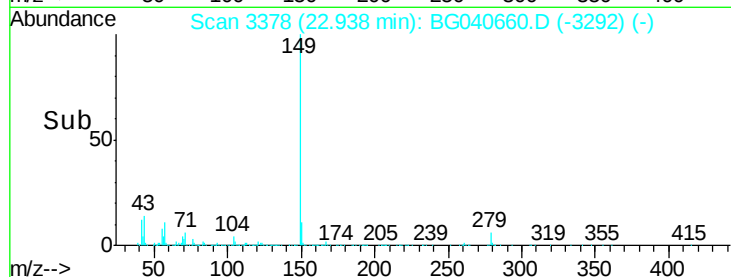
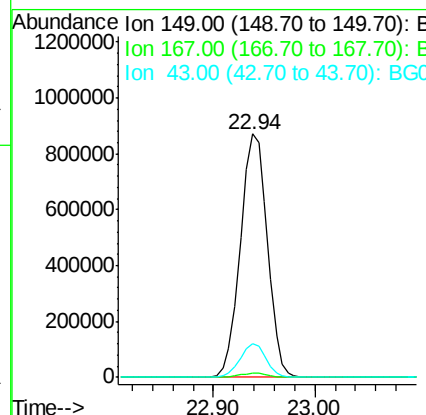
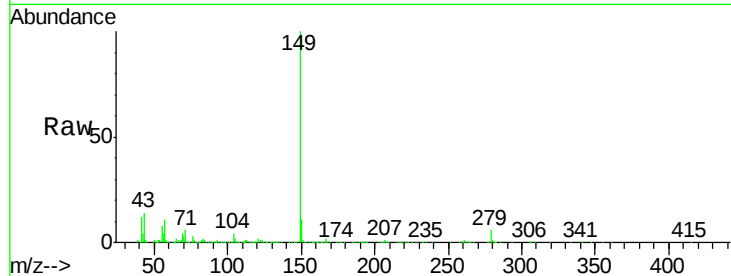
#85
Di-n-octyl phthalate
Concen: 40.667 ng
RT: 22.94 min Scan# 3378
Delta R.T. -0.03 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	13.2	10.2	15.2

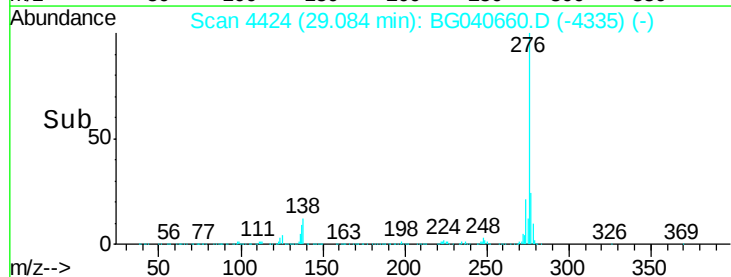
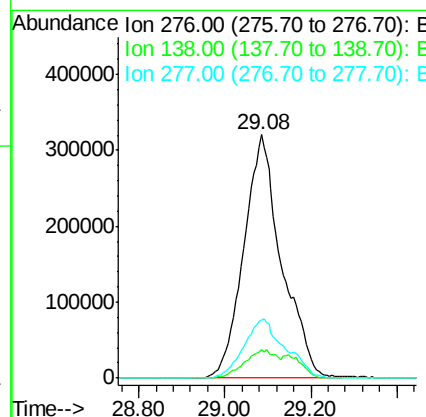
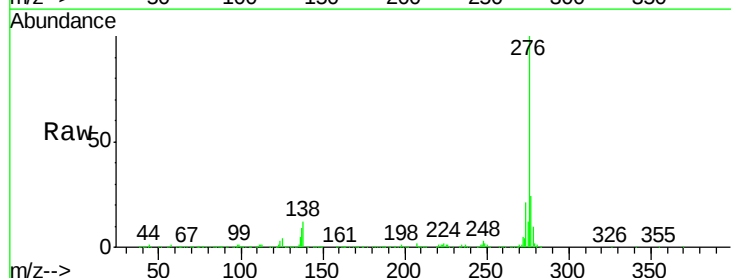
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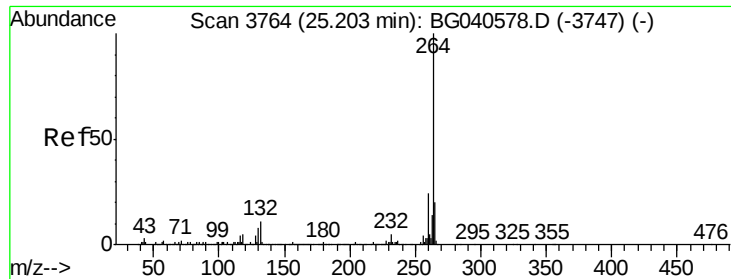
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.919 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.01 min
Lab File: BG040660.D
Acq: 29 Apr 2019 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.0	9.8	14.6
277	26.3	17.3	25.9#





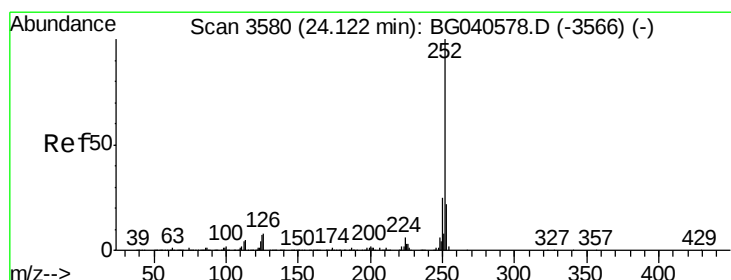
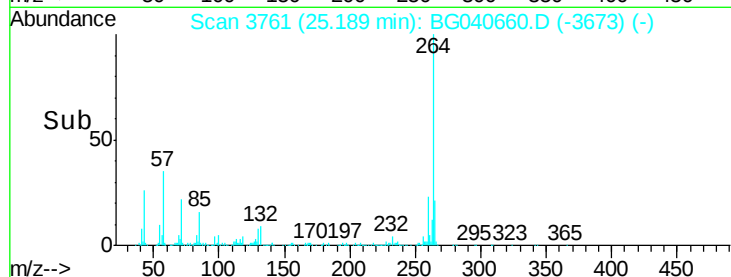
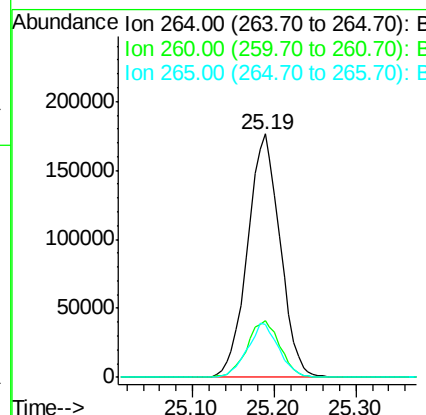
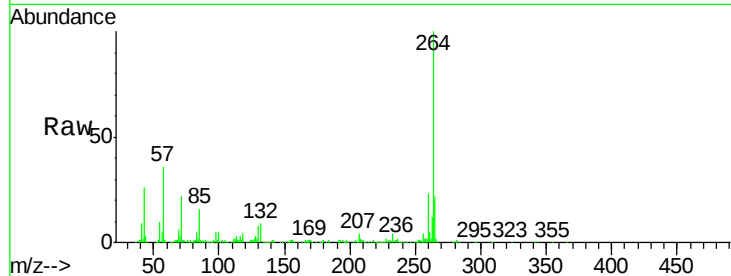
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3761
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BSD

Tgt Ion:	264	Resp:	488317
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.5	16.6	25.0

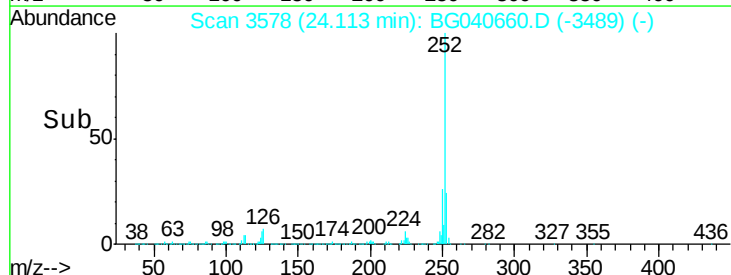
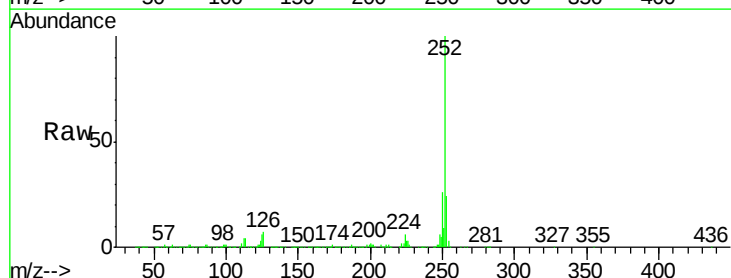
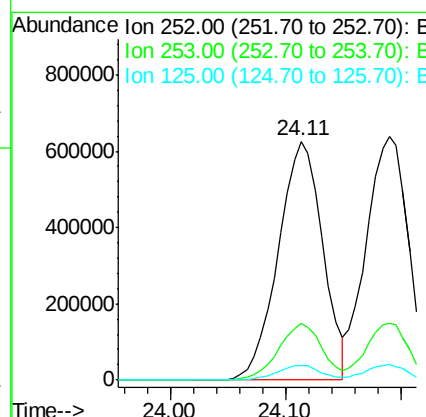
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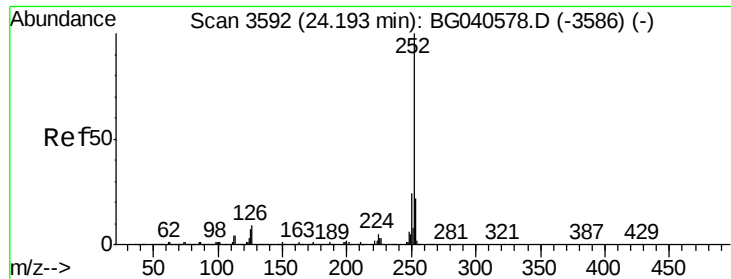
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#88
 Benzo(b)fluoranthene
 Concen: 55.996 ng
 RT: 24.11 min Scan# 3578
 Delta R.T. -0.01 min
 Lab File: BG040660.D
 Acq: 29 Apr 2019 14:10

Tgt Ion:	252	Resp:	1670947
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	6.2	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 57.764 ng

RT: 24.19 min Scan# 3591

Delta R.T. -0.00 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

ClientSampleId :

PB119233BSD

Tgt Ion:252 Resp: 1609752

Ion Ratio Lower Upper

252 100

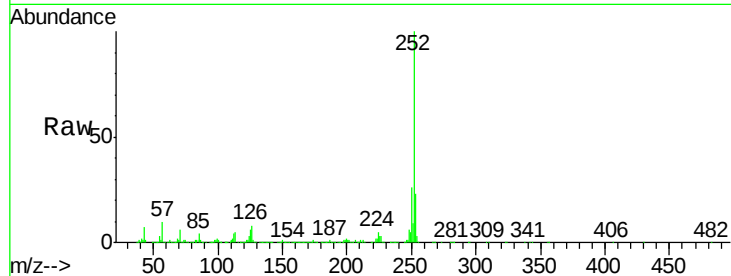
253 23.4 17.6 26.4

125 6.5 5.5 8.3

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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.19

600000

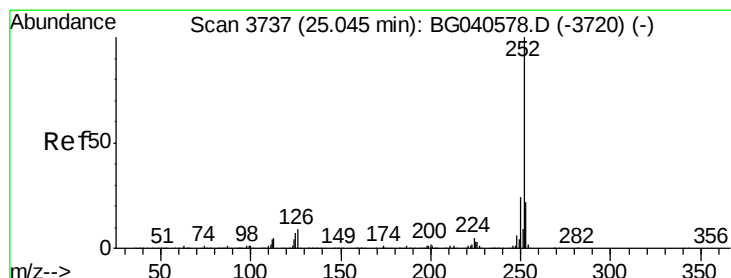
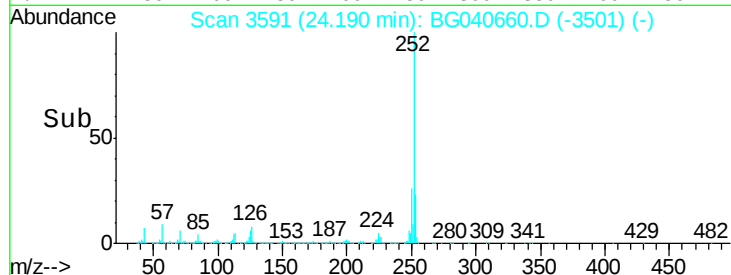
400000

200000

0

24.10 24.20 24.30

Time-->



#90

Benzo(a)pyrene

Concen: 57.820 ng

RT: 25.04 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

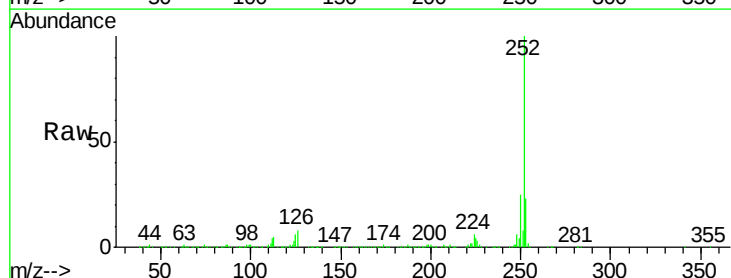
Tgt Ion:252 Resp: 1633194

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 6.3 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

25.04

600000

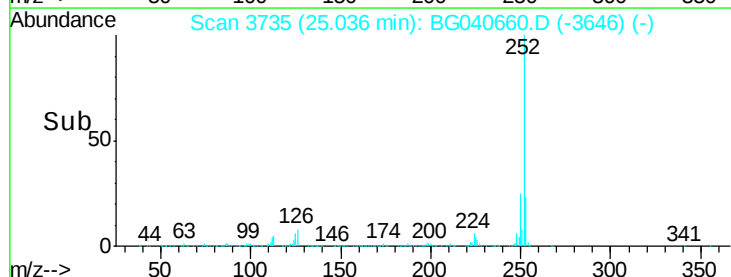
400000

200000

0

24.90 25.00 25.10

Time-->





#91

Dibenzo(a,h)anthracene

Concen: 56.971 ng

RT: 29.16 min Scan# 4437

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

Instrument :

BNA_G

ClientSampleId :

PB119233BSD

Tgt Ion:278 Resp: 1628494

Ion Ratio Lower Upper

278 100

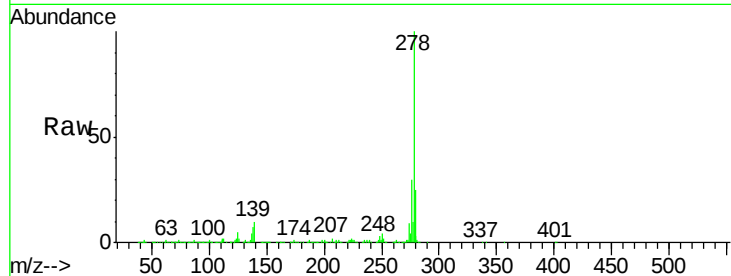
139 9.5 8.2 12.4

279 25.0 18.5 27.7

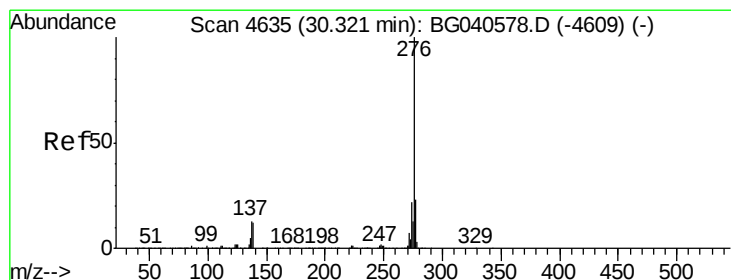
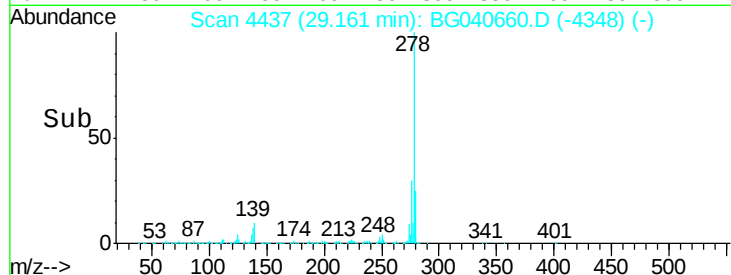
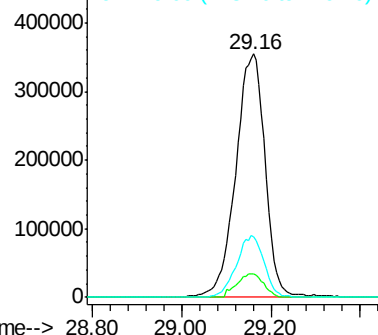
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.504 ng

RT: 30.31 min Scan# 4633

Delta R.T. -0.01 min

Lab File: BG040660.D

Acq: 29 Apr 2019 14:10

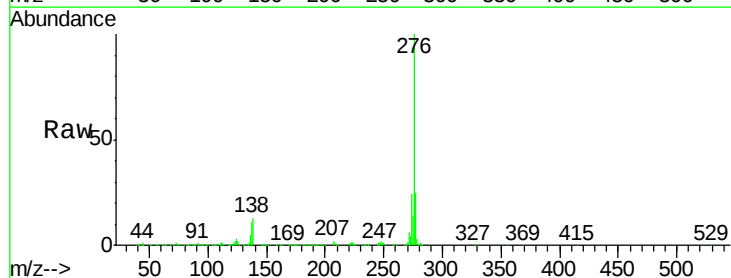
Tgt Ion:276 Resp: 1635877

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 12.7 9.8 14.6



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

