

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
 Data File : BG045175.D
 Acq On : 27 Apr 2020 11:57
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/28/2020 11:07:56 PM

Quant Time: Apr 27 12:53:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	68883	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	286694	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	228473	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	549722	20.00	ng	0.00
76) Chrysene-d12	21.65	240	483279	20.00	ng	0.00
87) Perylene-d12	24.83	264	524114	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	337287	80.84	ng	0.00
7) Phenol-d6	7.16	99	497056	80.18	ng	0.00
23) Nitrobenzene-d5	9.15	82	510012	81.17	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	285924	81.01	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1238742	79.50	ng	0.00
79) Terphenyl-d14	20.00	244	1957418	88.28	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	72993	39.365	ng	98
3) Pyridine	3.85	79	215400	37.729	ng	98
4) n-Nitrosodimethylamine	3.76	42	68724	39.295	ng	95
6) Aniline	7.32	93	317455	39.387	ng	98
8) 2-Chlorophenol	7.56	128	180065	40.156	ng	98
9) Benzaldehyde	7.12	77	137124	38.949	ng	93
10) Phenol	7.19	94	249594	40.236	ng	100
11) bis(2-Chloroethyl)ether	7.41	93	191267	38.727	ng	98
12) 1,3-Dichlorobenzene	7.88	146	212949	40.301	ng	96
13) 1,4-Dichlorobenzene	8.03	146	213965	40.638	ng	97
14) 1,2-Dichlorobenzene	8.35	146	206498	40.995	ng	95
15) Benzyl Alcohol	8.23	79	205946	39.625	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	183336	37.816	ng	92
17) 2-Methylphenol	8.44	107	188397	39.363	ng	94
18) Hexachloroethane	9.08	117	82575	41.719	ng	98
19) n-Nitroso-di-n-propylamine	8.80	70	173174	39.502	ng	97
20) 3+4-Methylphenols	8.77	107	265582	39.644	ng	98
22) Acetophenone	8.81	105	309104	39.869	ng	# 97
24) Nitrobenzene	9.19	77	260699	40.478	ng	95
25) Isophorone	9.72	82	520242	40.432	ng	97
26) 2-Nitrophenol	9.91	139	118834	42.835	ng	98
27) 2,4-Dimethylphenol	9.98	122	177005	40.211	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	272231	40.268	ng	98
29) 2,4-Dichlorophenol	10.45	162	204595	40.252	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	238505	41.444	ng	98
31) Naphthalene	10.85	128	643549	41.033	ng	98
32) Benzoic acid	10.12	122	117323	34.985	ng	91
33) 4-Chloroaniline	10.96	127	287735	39.339	ng	99
34) Hexachlorobutadiene	11.15	225	166865	42.291	ng	98
35) Caprolactam	11.73	113	79854	39.474	ng	90
36) 4-Chloro-3-methylphenol	12.09	107	249481	41.782	ng	97
37) 2-Methylnaphthalene	12.46	142	505286	41.508	ng	97
38) 1-Methylnaphthalene	12.68	142	470294m	40.923	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	283942	38.599	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	245215	53.334	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	207260	39.921	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	238933	40.431	nq	98
46) 1,1'-Biphenyl	13.47	154	670646	38.619	nq	100
47) 2-Chloronaphthalene	13.51	162	515838	38.875	nq	99
48) 2-Nitroaniline	13.71	65	176076	40.331	nq	100
49) Acenaphthylene	14.36	152	861437	39.857	nq	99
50) Dimethylphthalate	14.09	163	733650	39.437	nq	98
51) 2,6-Dinitrotoluene	14.20	165	168615	40.522	nq	97
52) Acenaphthene	14.70	154	589769m	40.330	nq	
53) 3-Nitroaniline	14.53	138	174144	38.159	nq	# 93
54) 2,4-Dinitrophenol	14.74	184	126415	51.092	nq	94
55) Dibenzofuran	15.03	168	841246	39.458	nq	97
56) 4-Nitrophenol	14.85	139	129336	36.551	nq	94
57) 2,4-Dinitrotoluene	14.99	165	242806	39.929	nq	98
58) Fluorene	15.69	166	701010	40.254	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	210233	39.982	nq	97
60) Diethylphthalate	15.46	149	779915	40.210	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	408486	40.753	nq	97
62) 4-Nitroaniline	15.70	138	179134	37.844	nq	97
63) Azobenzene	15.97	77	710001	39.704	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	149642	41.414	nq	98
66) n-Nitrosodiphenylamine	15.89	169	625891	39.627	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	283182	39.931	nq	97
68) Hexachlorobenzene	16.70	284	298622	40.601	nq	99
69) Atrazine	16.84	200	229849	39.292	nq	97
70) Pentachlorophenol	17.04	266	205180	45.473	nq	99
71) Phenanthrene	17.42	178	1132691	40.097	nq	100
72) Anthracene	17.52	178	1137064	40.127	nq	99
73) Carbazole	17.78	167	1100490	38.270	nq	98
74) Di-n-butylphthalate	18.35	149	1300910	41.023	nq	99
75) Fluoranthene	19.43	202	1352984	40.073	nq	100
77) Benzidine	19.61	184	369305	23.544	nq	95
78) Pyrene	19.80	202	1353094	40.612	nq	99
80) Butylbenzylphthalate	20.69	149	566050	40.987	nq	99
81) Benzo(a)anthracene	21.63	228	1240106	39.591	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	496429	39.818	nq	100
83) Chrysene	21.70	228	1237038	41.103	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	772833	40.688	nq	98
85) Di-n-octyl phthalate	22.75	149	1320823	40.213	nq	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	1556222	38.946	nq	99
88) Benzo(b)fluoranthene	23.83	252	1310333	39.912	nq	98
89) Benzo(k)fluoranthene	23.89	252	1279036	40.966	nq	98
90) Benzo(a)pyrene	24.69	252	1241892	40.065	nq	98
91) Dibenzo(a,h)anthracene	28.51	278	1274865	40.817	nq	97
92) Benzo(g,h,i)perylene	29.58	276	1249769	39.911	nq	96

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

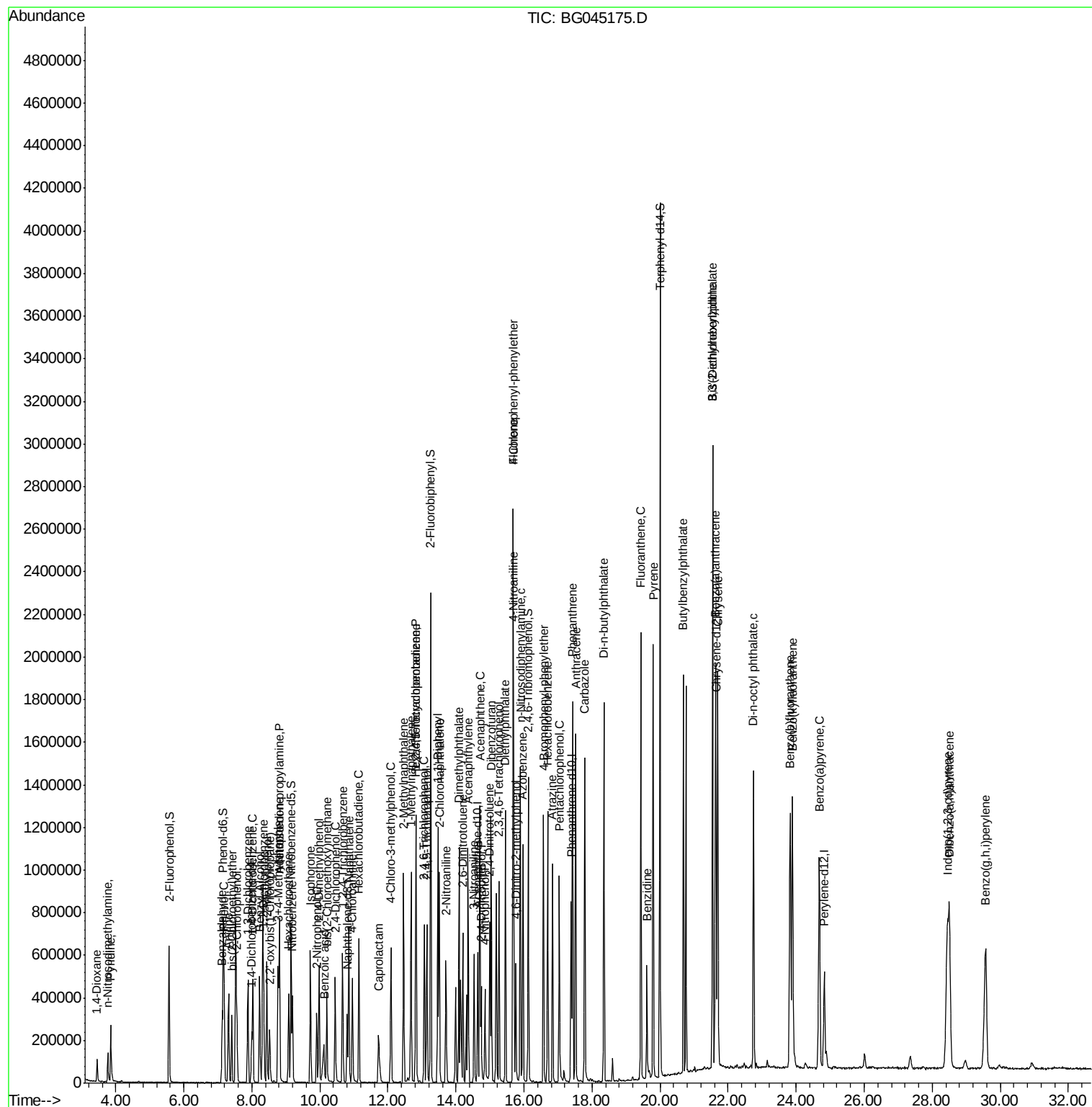
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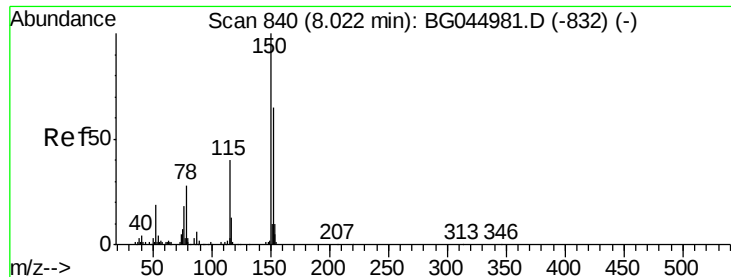
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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#1

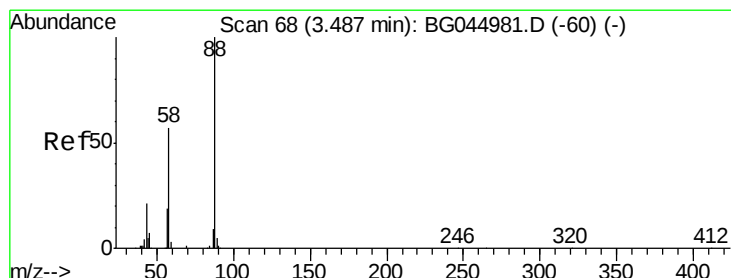
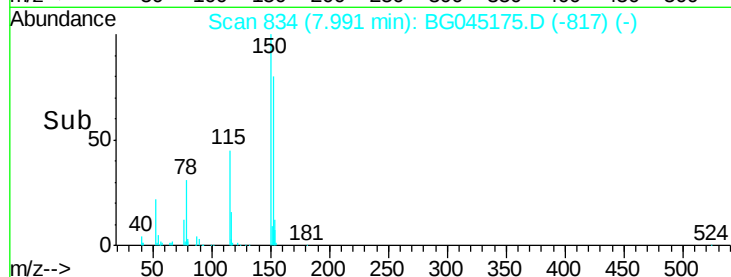
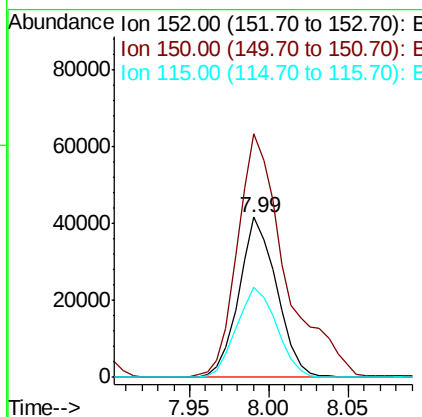
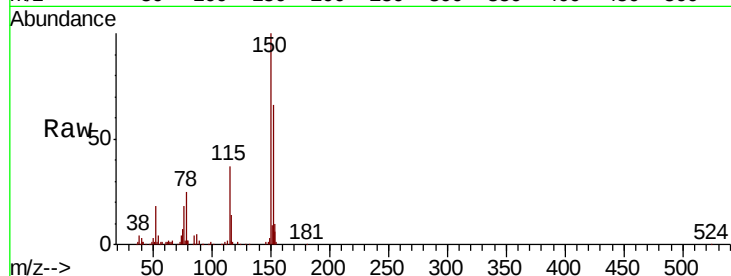
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.6	185.4
115	56.6	49.1	73.7

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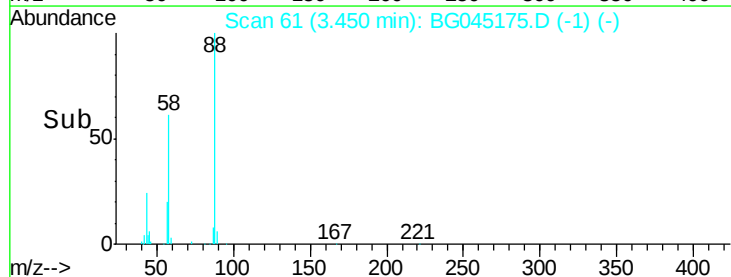
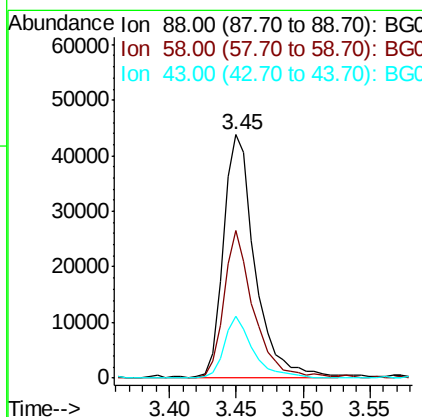
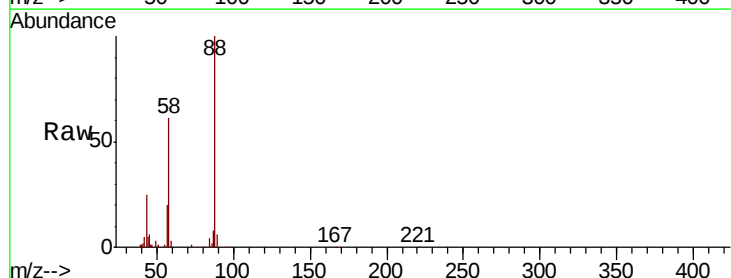
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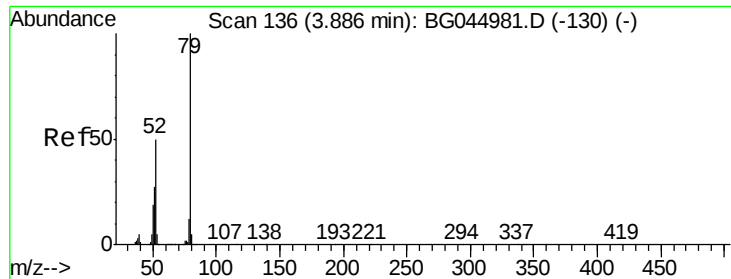


#2

1,4-Dioxane
Concen: 39.365 ng
RT: 3.45 min Scan# 61
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.9	46.6	69.8
43	23.2	17.5	26.3





#3

Pvridine

Concen: 37.729 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

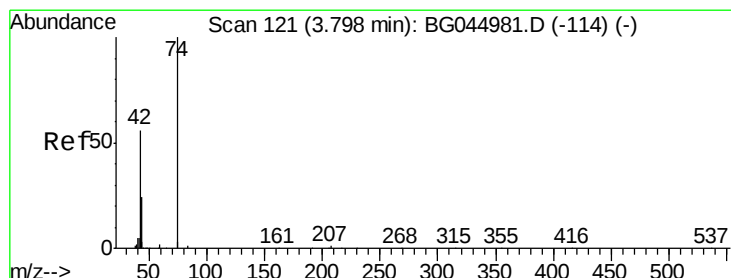
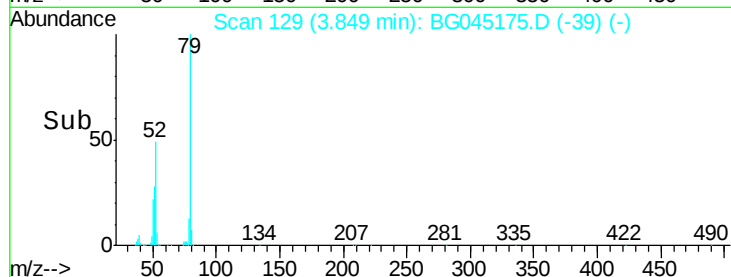
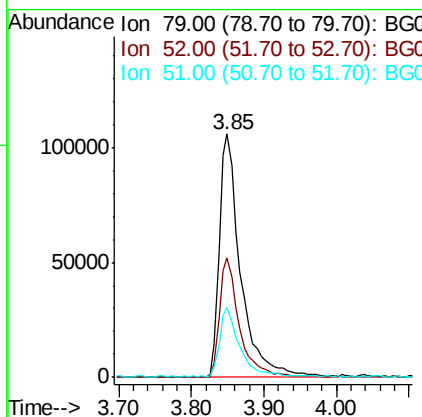
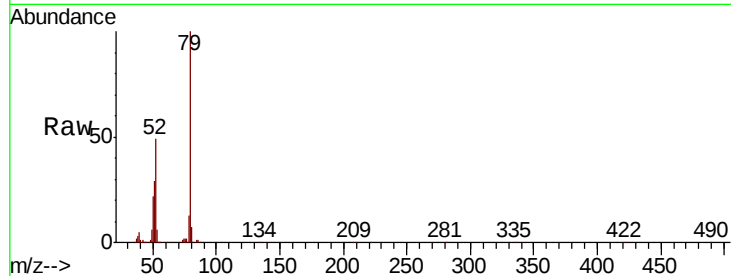
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		215400		
52	49.3		39.8	59.6	
51	28.8		21.4	32.2	

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#4

n-Nitrosodimethylamine

Concen: 39.295 ng

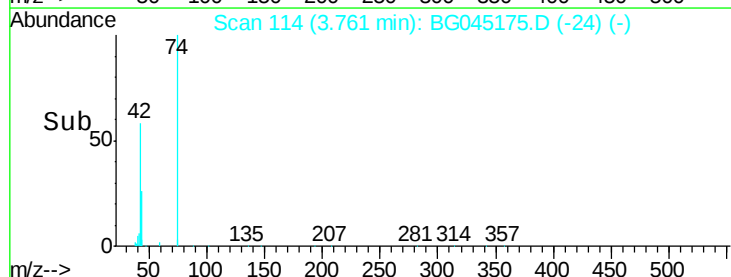
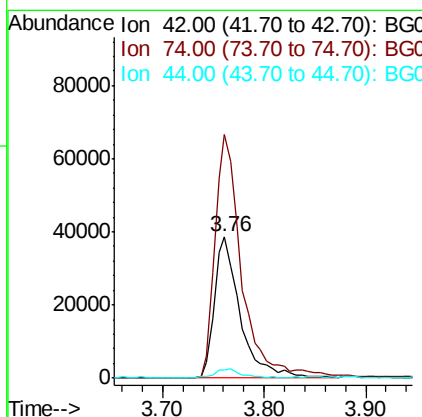
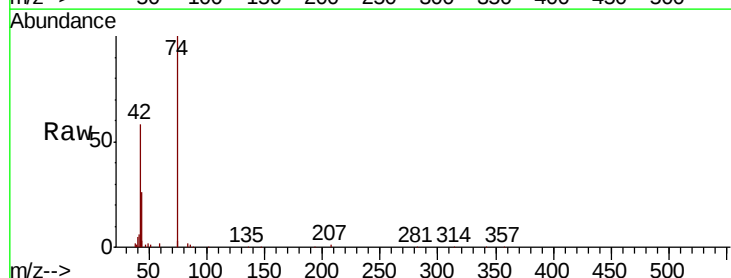
RT: 3.76 min Scan# 114

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		68724		
74	172.1		143.0	214.6	
44	5.9		4.6	6.8	





#5

2-Fluorophenol

Concen: 80.839 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

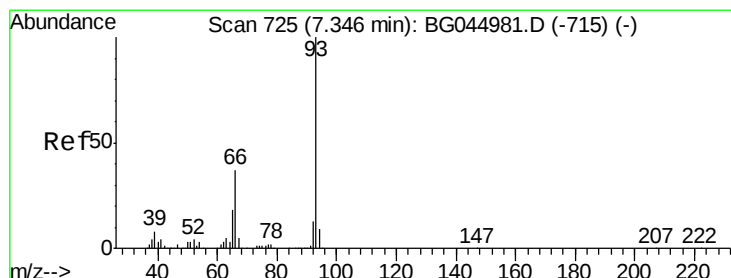
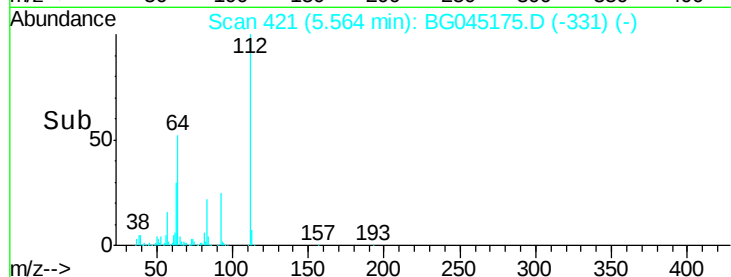
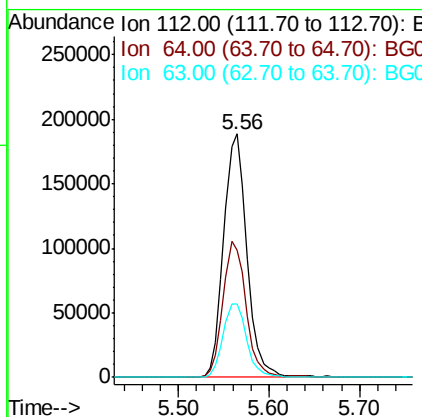
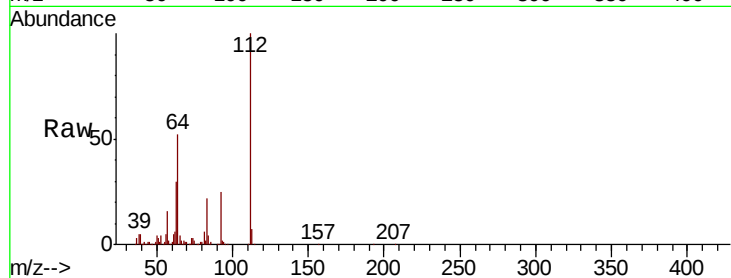
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	337287
Ion Ratio	Lower	Upper	
112	100		
64	52.3	42.4	63.6
63	29.9	23.1	34.7

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#6

Aniline

Concen: 39.387 ng

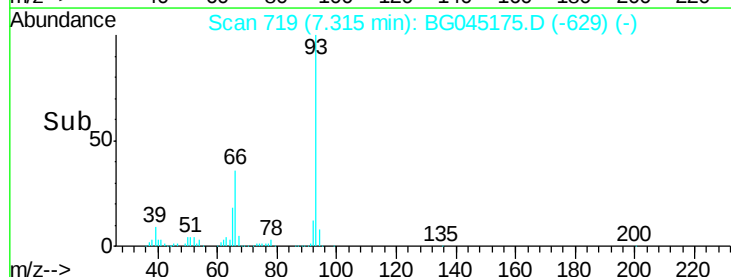
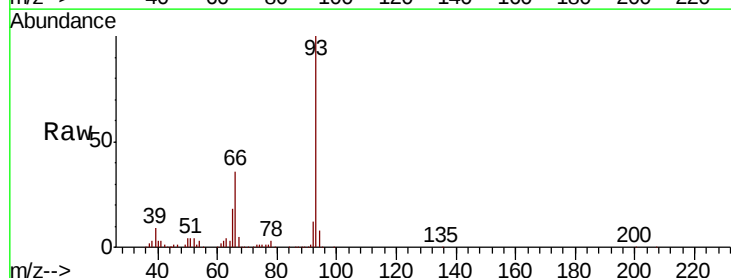
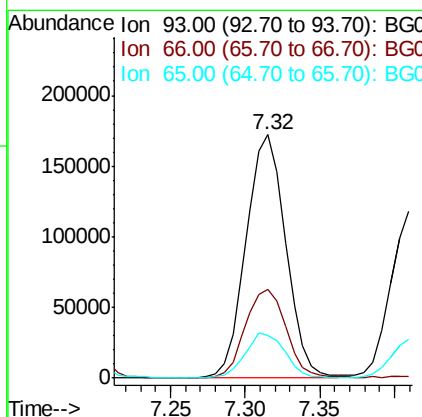
RT: 7.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	93	Resp:	317455
Ion Ratio	Lower	Upper	
93	100		
66	36.3	29.8	44.8
65	17.6	14.6	22.0





#7

Phenol-d6

Concen: 80.183 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

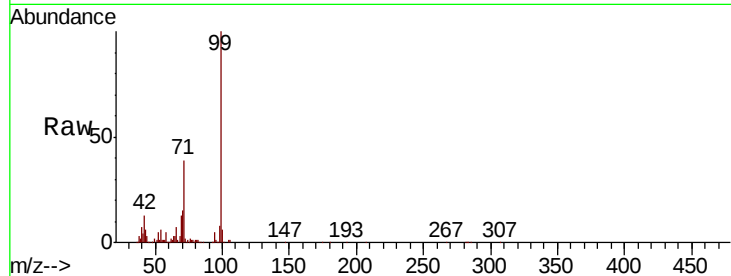
ClientSampleId :

SSTDCCC040

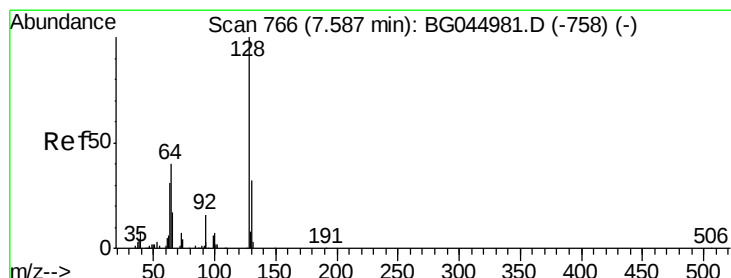
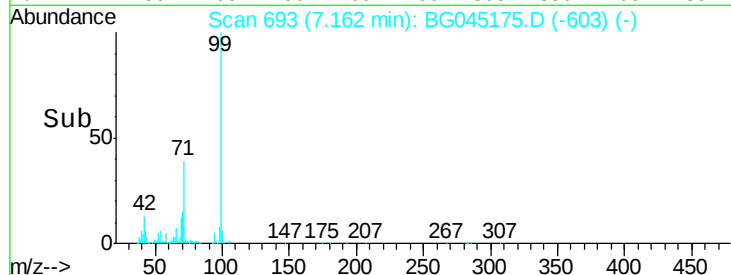
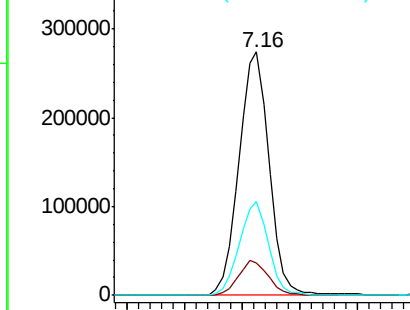
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		497056		
42	13.2	11.3	16.9		
71	38.7	28.3	42.5		

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



#8

2-Chlorophenol

Concen: 40.156 ng

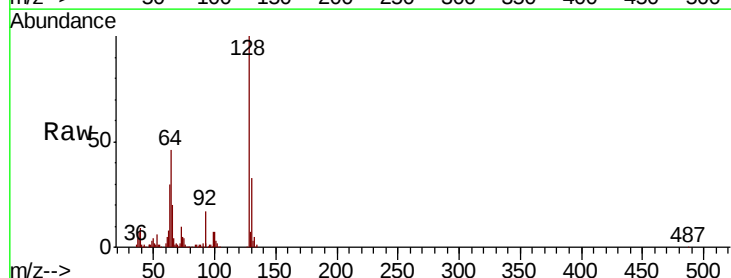
RT: 7.56 min Scan# 761

Delta R.T. 0.00 min

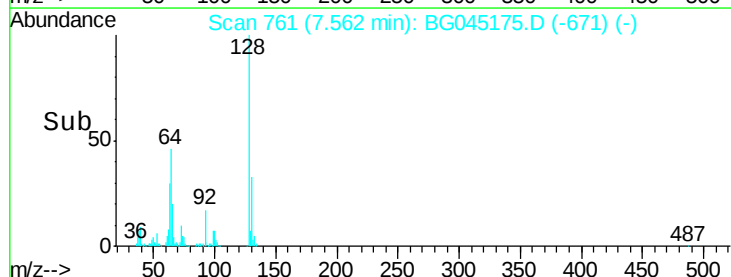
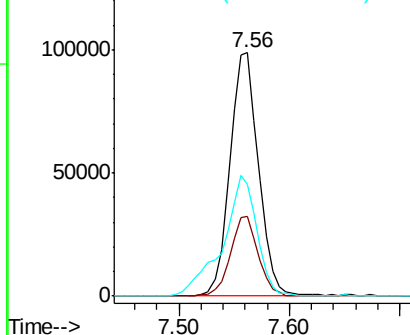
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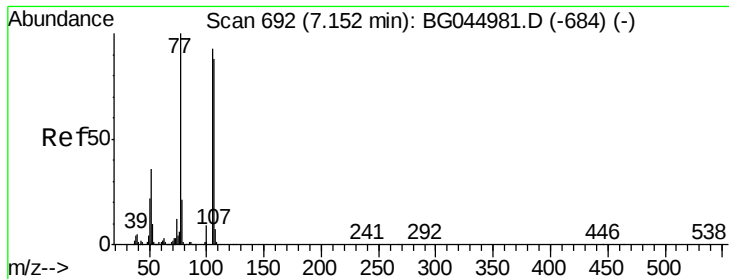
Acq: 27 Apr 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		180065		
130	33.0	12.3	52.3		
64	45.9	24.4	64.4		



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





#9

Benzaldehyde

Concen: 38.949 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

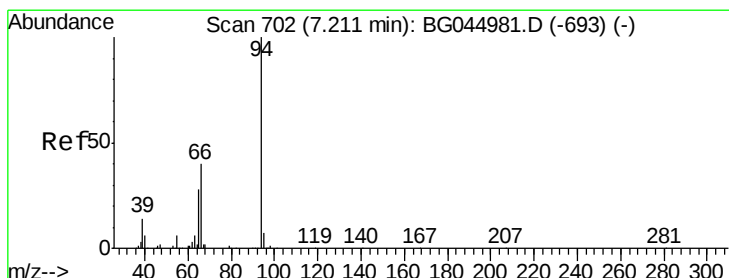
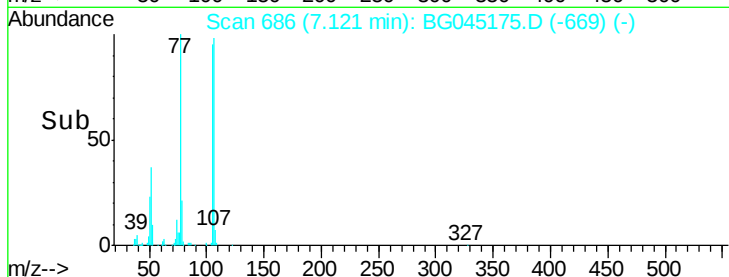
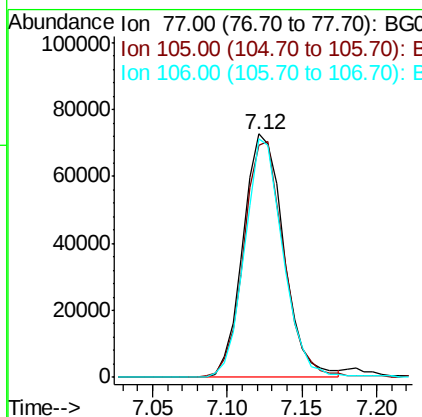
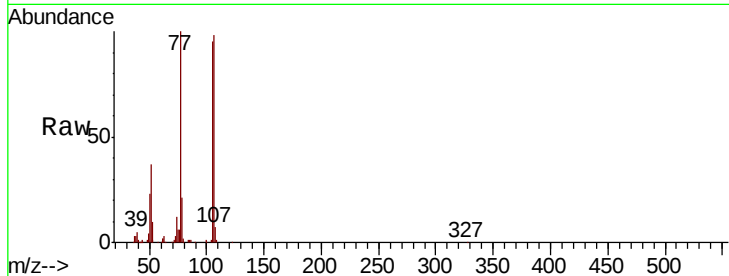
ClientSampleId :

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Tot Ion:	77	Resp:	137124
Ion	Ratio	Lower	Upper
77	100		
105	95.5	72.9	112.9
106	98.1	67.6	107.6

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#10

Phenol

Concen: 40.236 ng

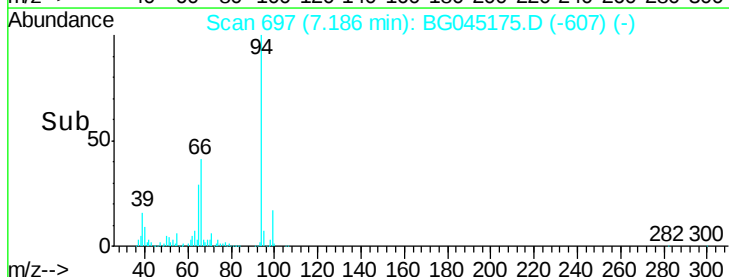
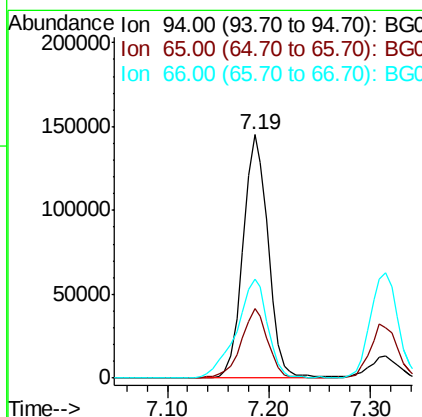
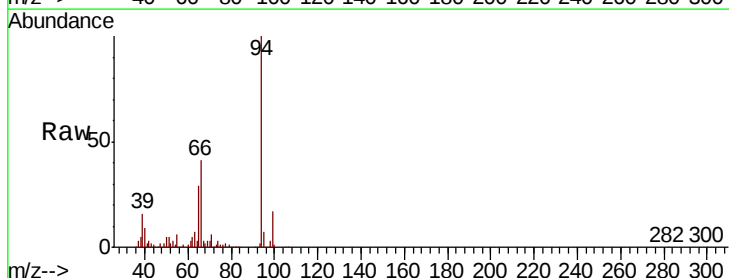
RT: 7.19 min Scan# 697

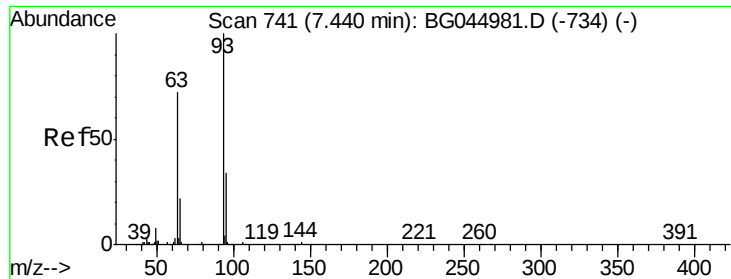
Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	94	Resp:	249594
Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.2	48.2
66	40.6	20.4	60.4





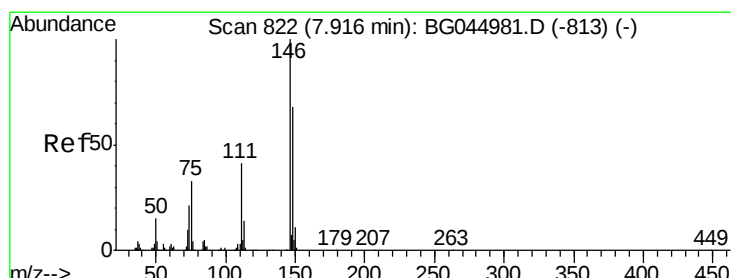
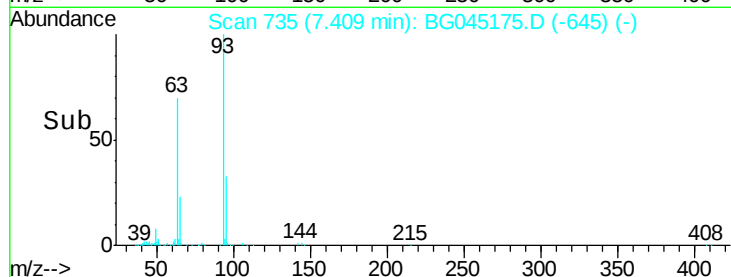
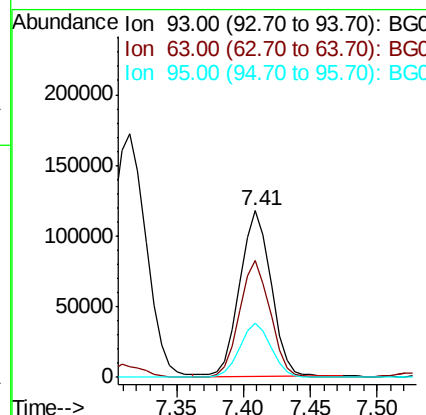
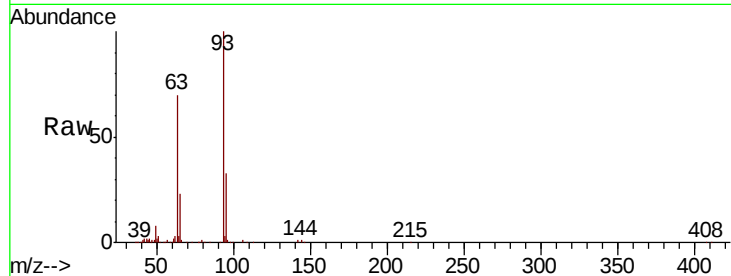
#11
bis(2-Chloroethyl)ether
Concen: 38.727 ng
RT: 7.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	51.8	91.8
95	32.7	13.8	53.8

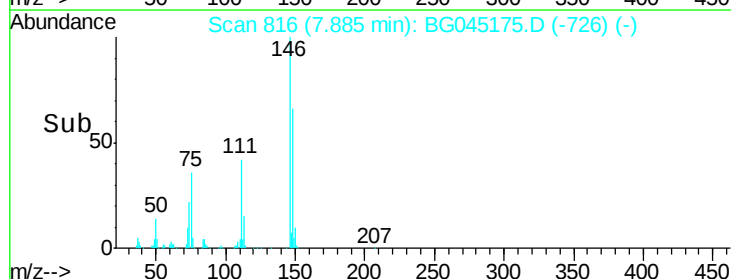
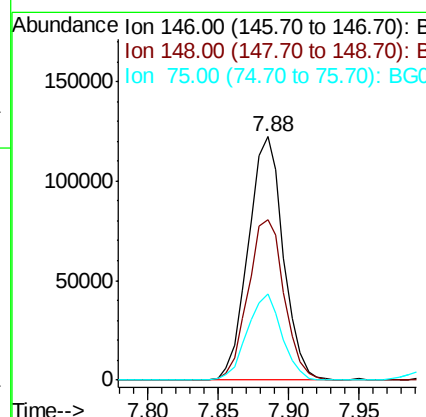
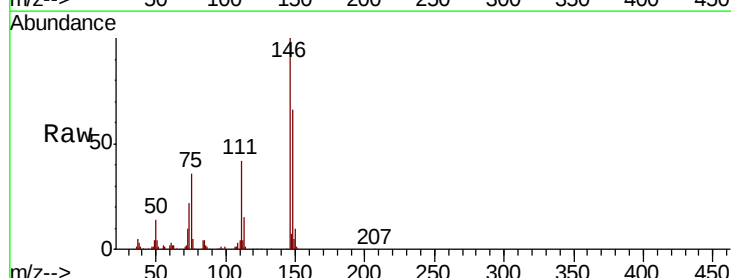
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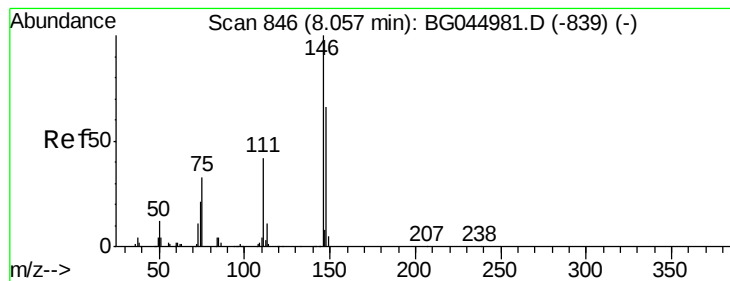
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.301 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	54.6	81.8
75	35.7	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 40.638 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

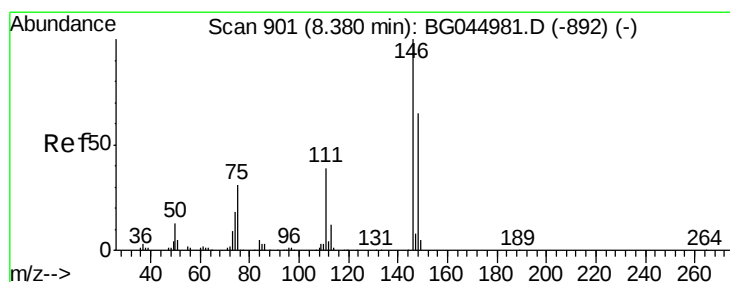
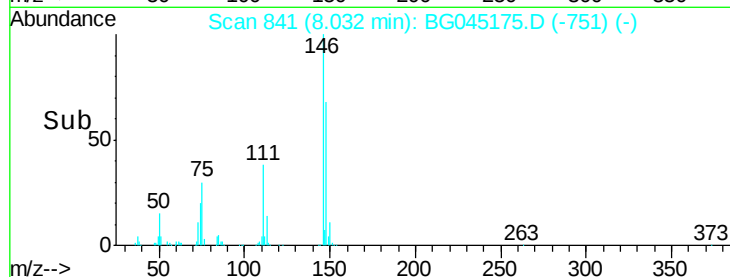
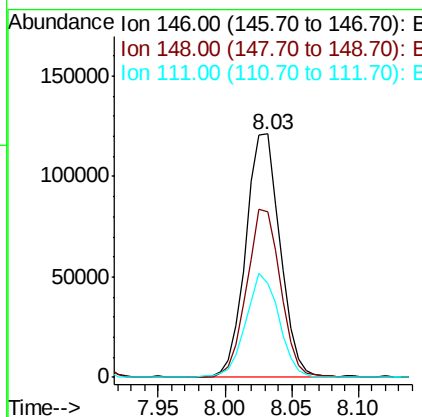
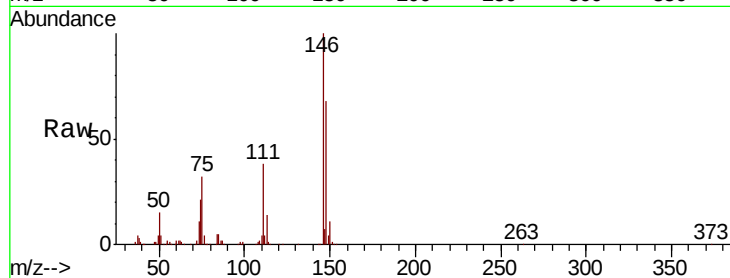
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	213965
Ion Ratio	Lower	Upper	
146	100		
148	67.9	53.3	79.9
111	38.4	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 40.995 ng

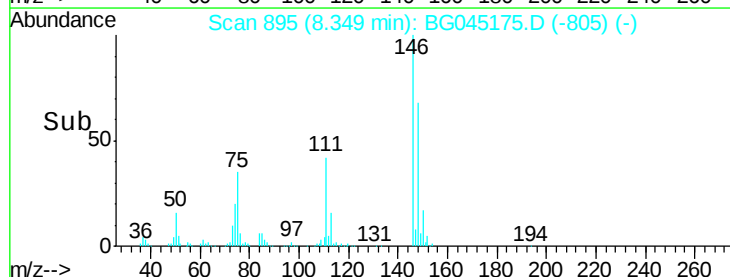
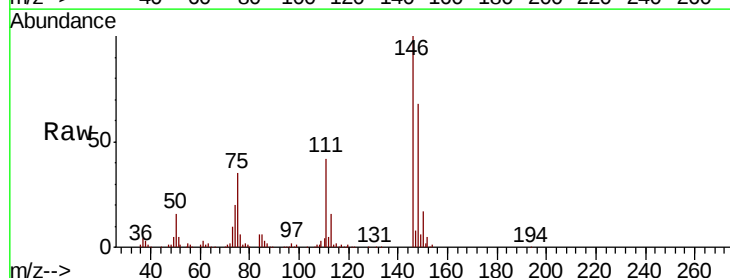
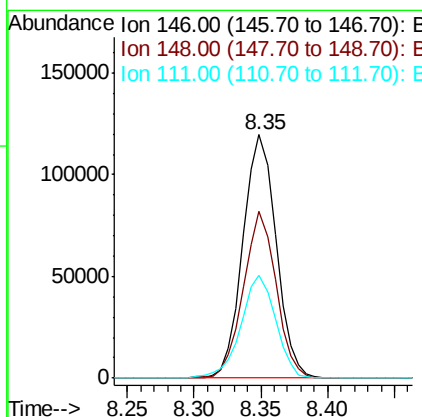
RT: 8.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	146	Resp:	206498
Ion Ratio	Lower	Upper	
146	100		
148	68.4	51.9	77.9
111	42.4	31.3	46.9





#15

Benzyl Alcohol

Concen: 39.625 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

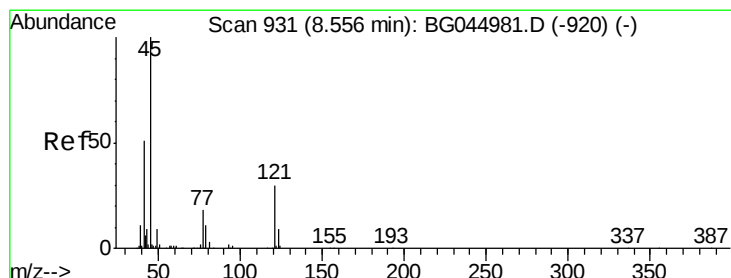
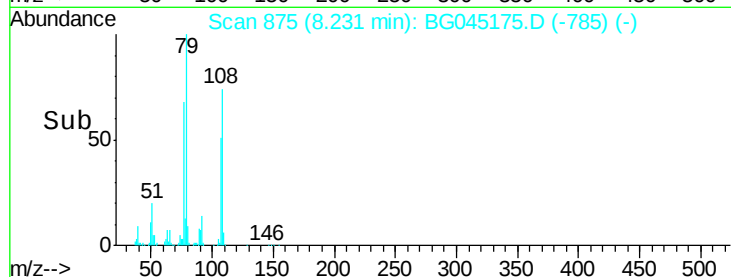
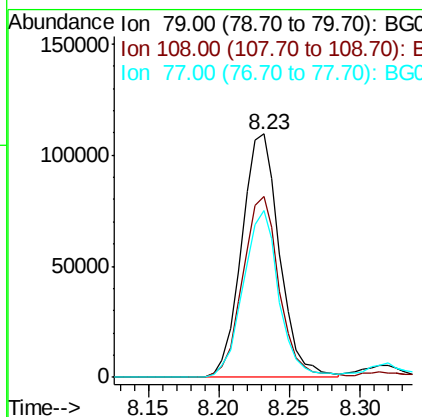
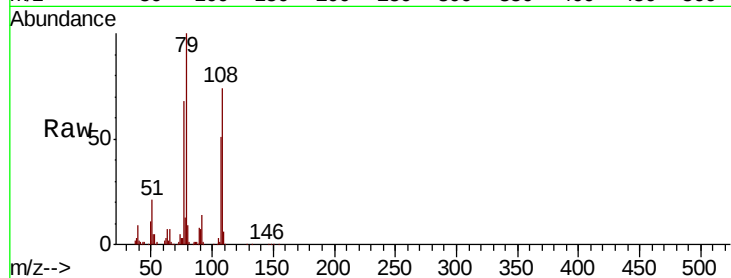
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	205946
Ion	Ratio	Lower	Upper
79	100		
108	74.2	52.7	79.1
77	68.3	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.816 ng

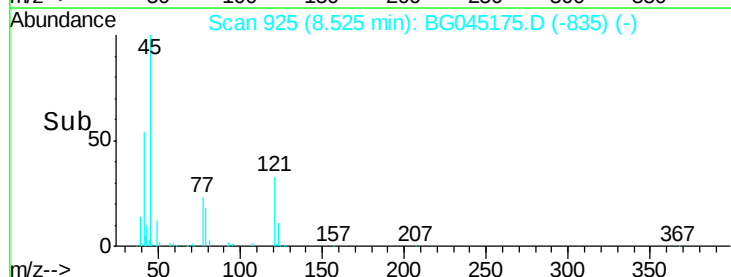
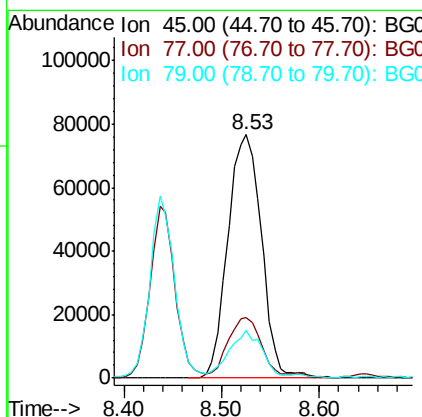
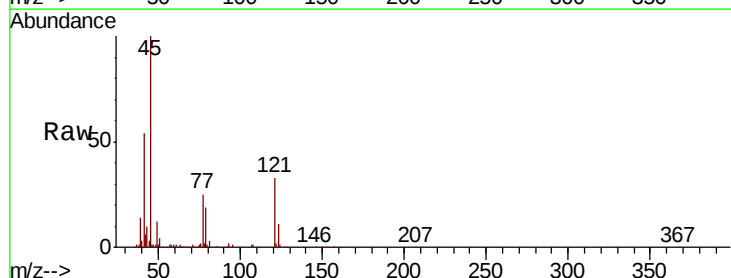
RT: 8.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	45	Resp:	183336
Ion	Ratio	Lower	Upper
45	100		
77	25.1	1.9	41.9
79	19.5	0.0	35.5





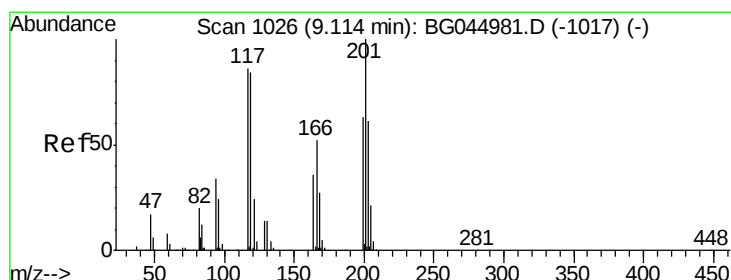
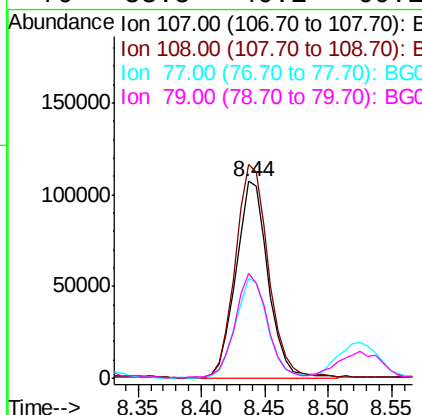
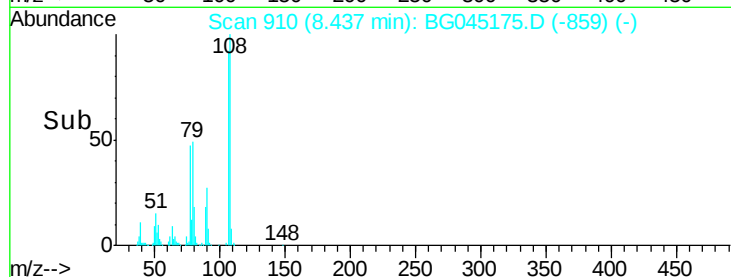
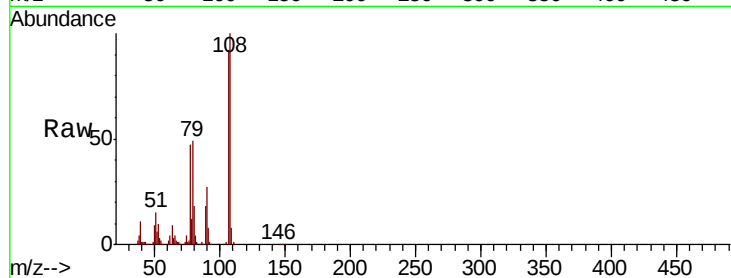
#17
2-Methylphenol
Concen: 39.363 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	93.8	140.6	
77	50.6	38.5	57.7	
79	53.5	40.1	60.1	

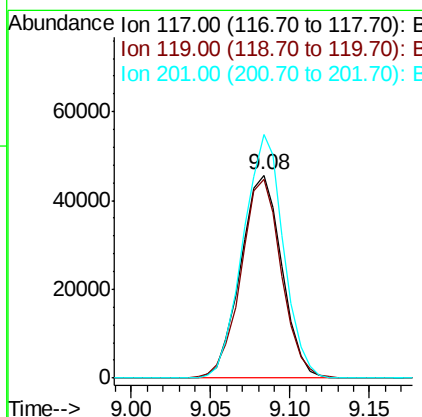
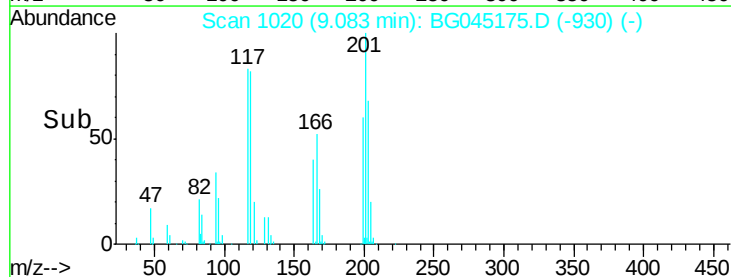
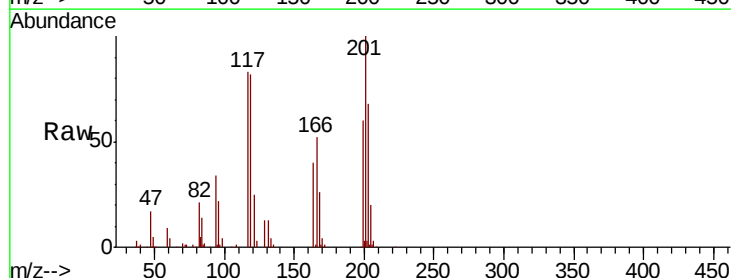
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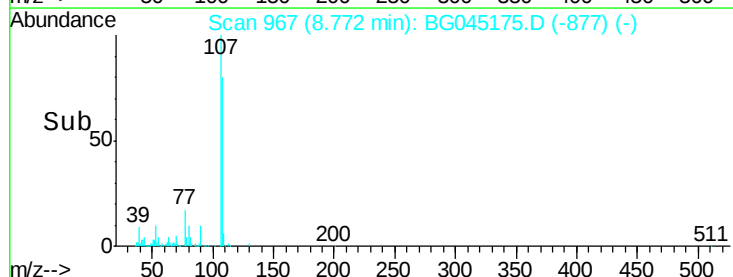
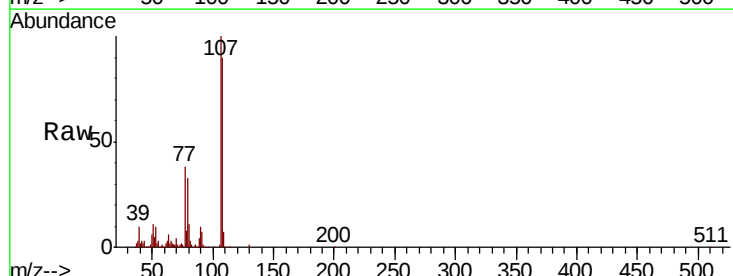
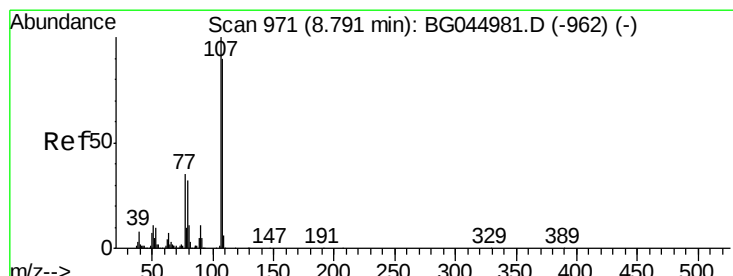
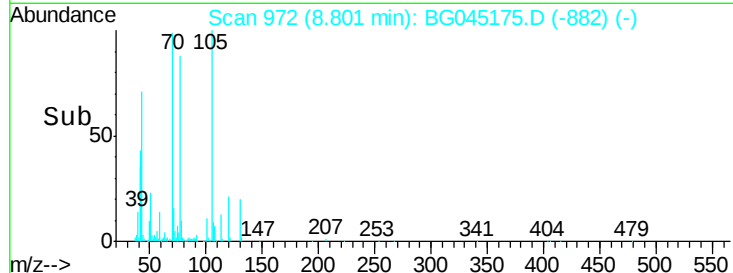
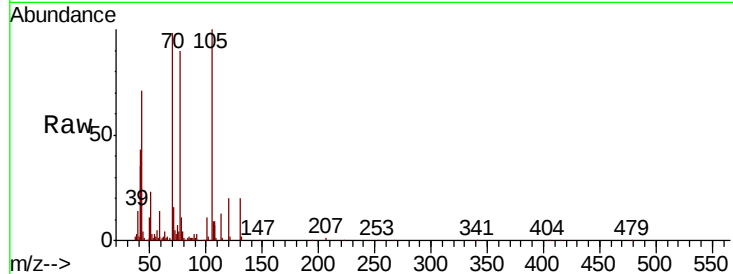
mohammad
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#18
Hexachloroethane
Concen: 41.719 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

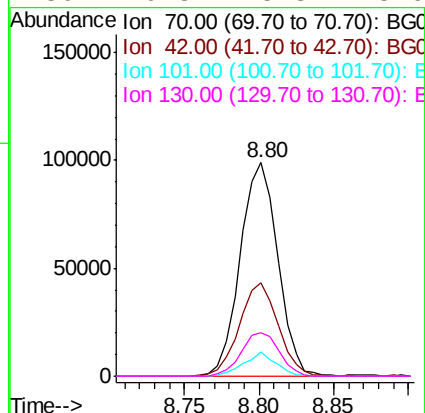
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	78.3	117.5	
201	120.0	92.9	139.3	





#19
n-Nitroso-di-n-propylamine
Concen: 39.502 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.8	33.3	49.9	
101	11.3	7.8	11.8	
130	20.3	15.8	23.6	



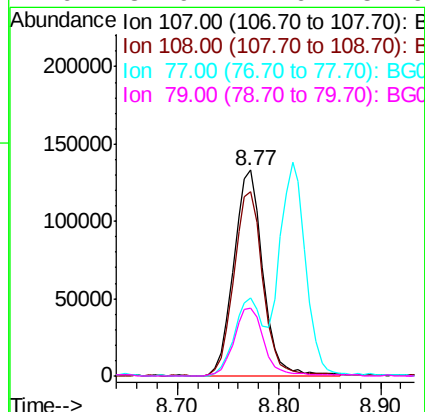
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

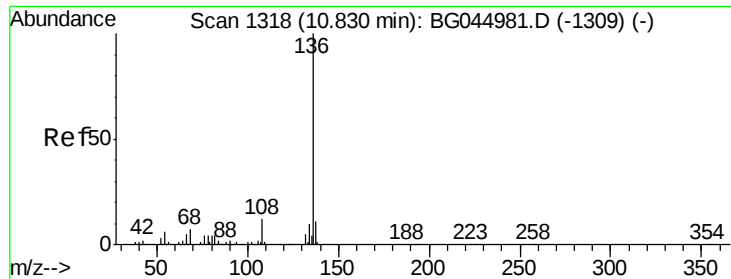
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#20
3+4-Methylphenols
Concen: 39.644 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	69.9	109.9	
77	38.2	15.2	55.2	
79	32.9	11.6	51.6	





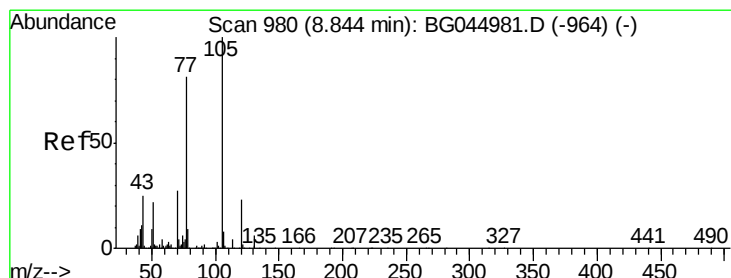
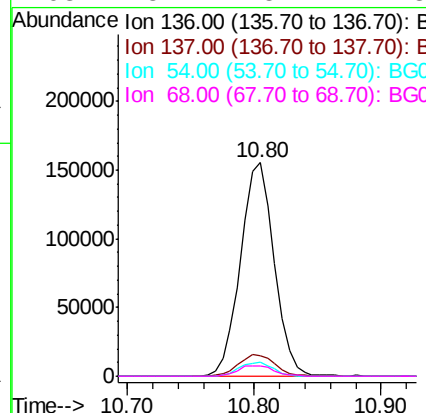
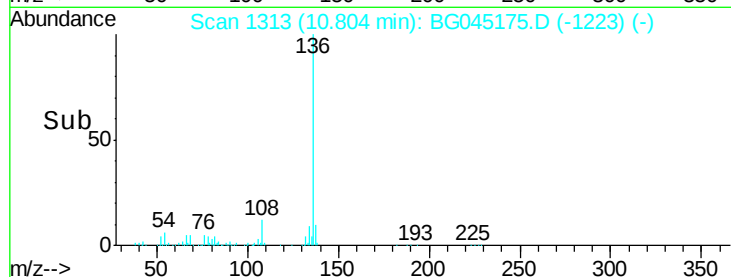
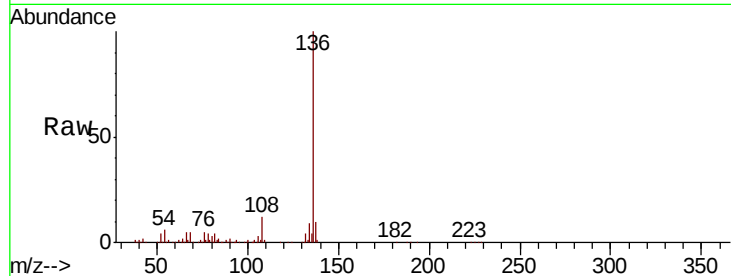
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	286694		
137	9.8	8.6	13.0	
54	6.3	4.8	7.2	
68	5.1	5.2	7.8#	

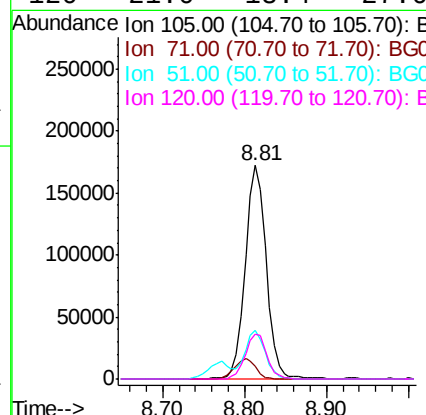
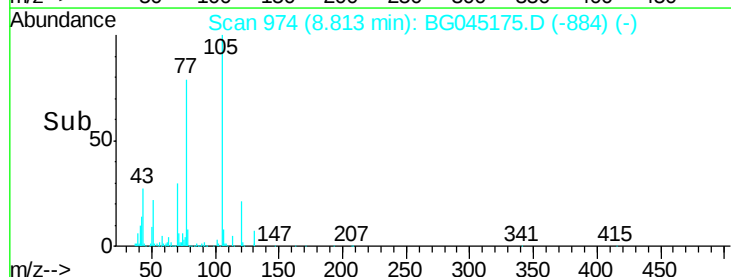
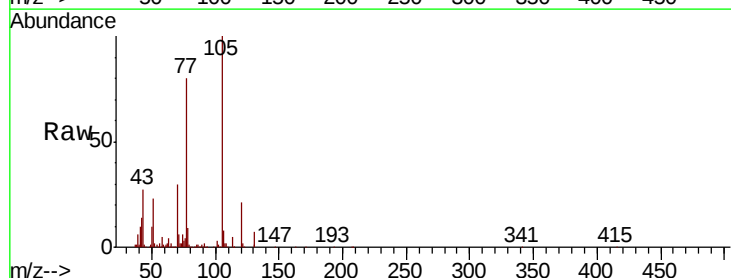
Manual Integrations
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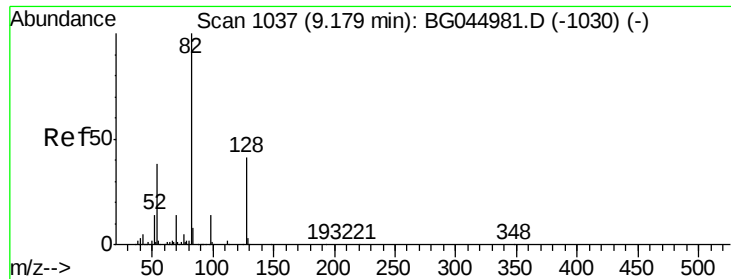
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#22
Acetophenone
Concen: 39.869 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	309104		
71	6.1	3.3	4.9#	
51	22.8	17.3	25.9	
120	21.0	18.4	27.6	





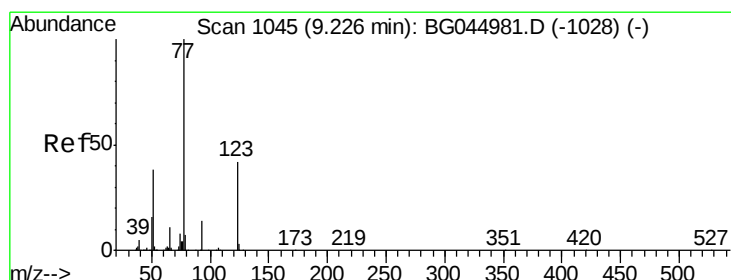
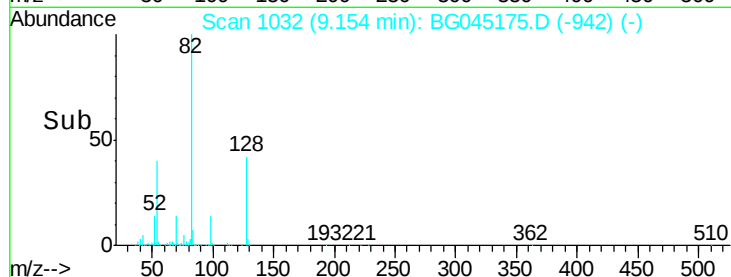
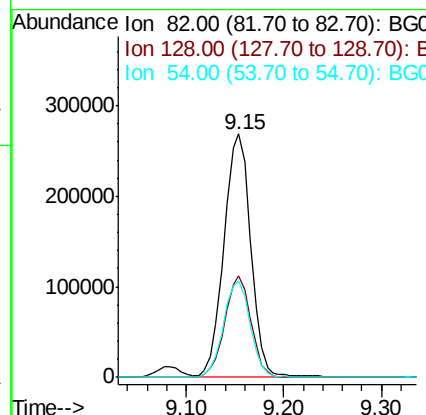
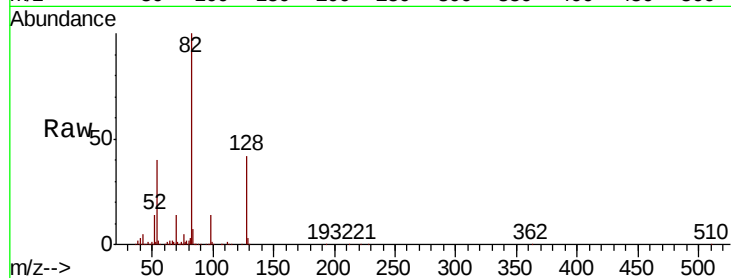
#23
Nitrobenzene-d5
Concen: 81.171 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.0	49.4
54	39.8	30.4	45.6

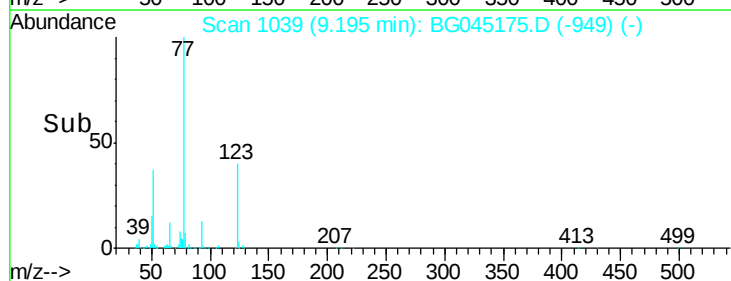
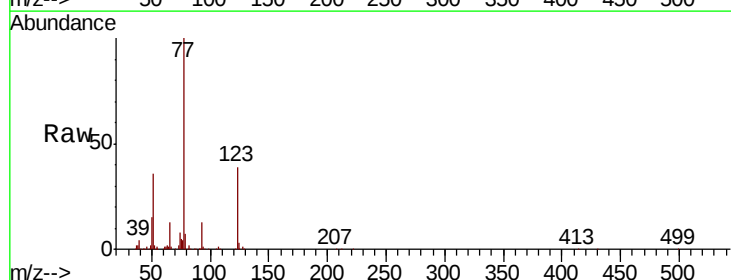
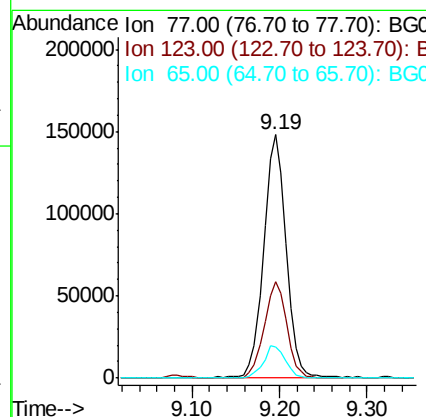
Manual Integrations
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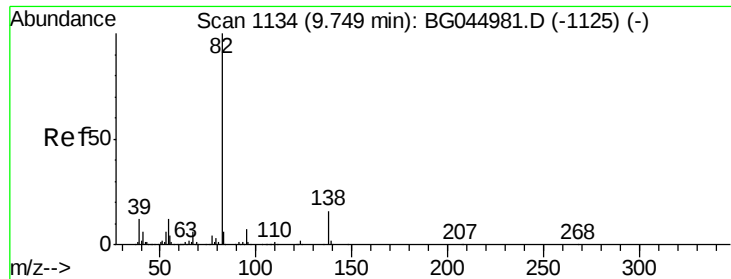
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#24
Nitrobenzene
Concen: 40.478 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.4	34.3	51.5
65	12.5	8.9	13.3





#25

Isophorone

Concen: 40.432 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

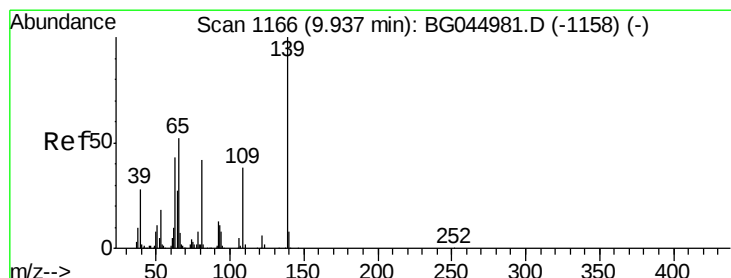
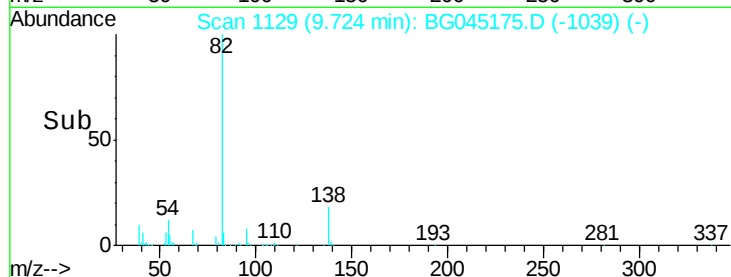
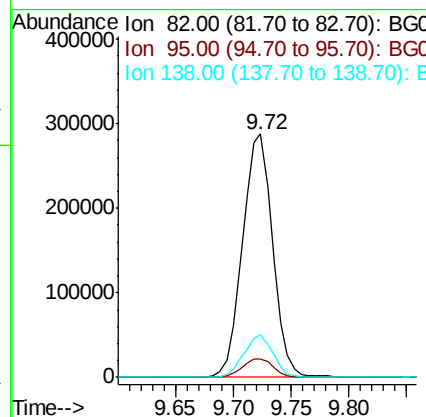
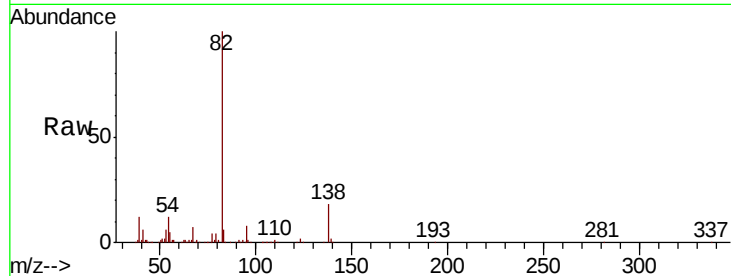
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	520242
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	17.6	12.7	19.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.835 ng

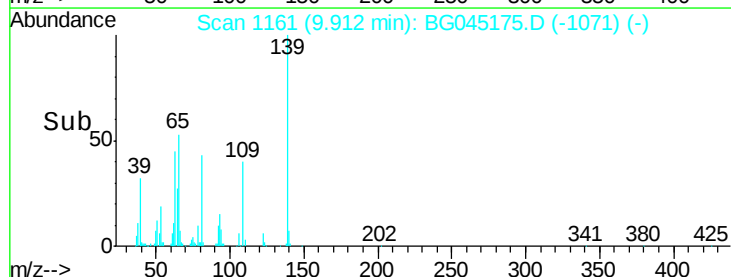
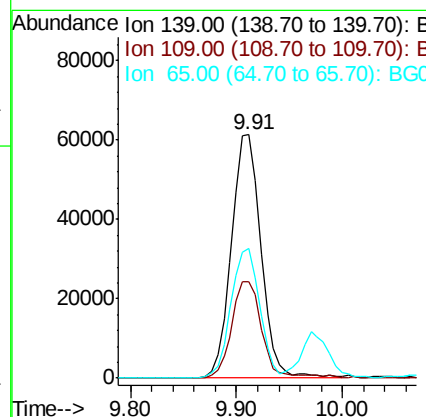
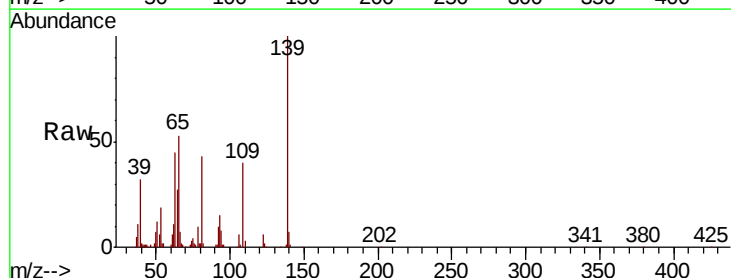
RT: 9.91 min Scan# 1161

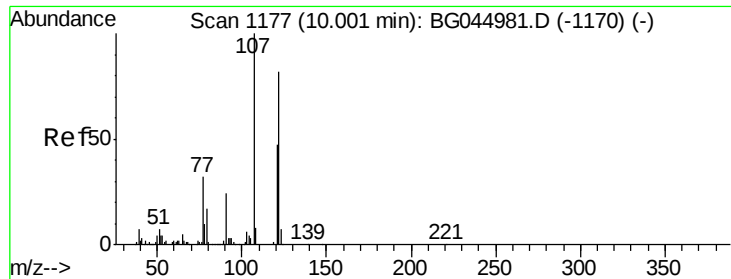
Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	139	Resp:	118834
Ion Ratio	Lower	Upper	
139	100		
109	39.8	30.6	45.8
65	53.5	41.8	62.6





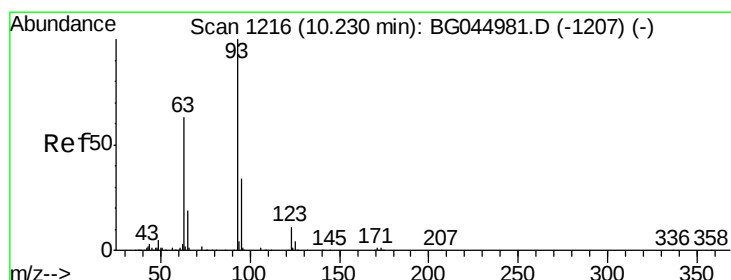
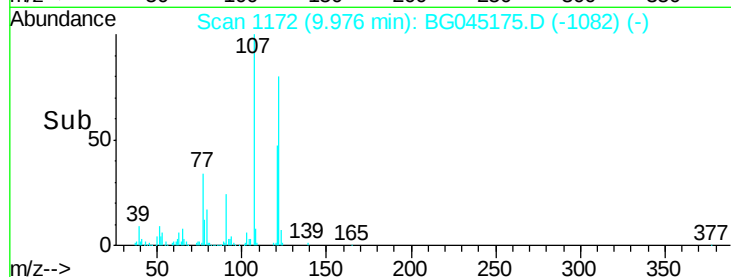
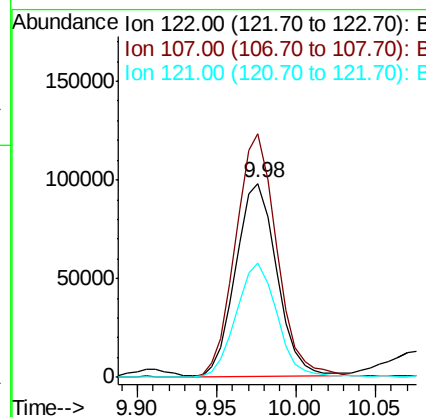
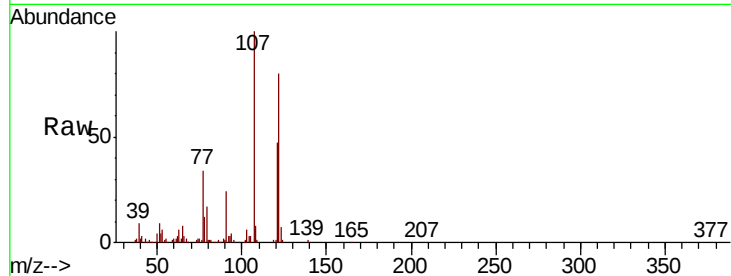
#27
2,4-Dimethylphenol
Concen: 40.211 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	177005		
107	125.4	96.8	145.2	
121	58.7	45.6	68.4	

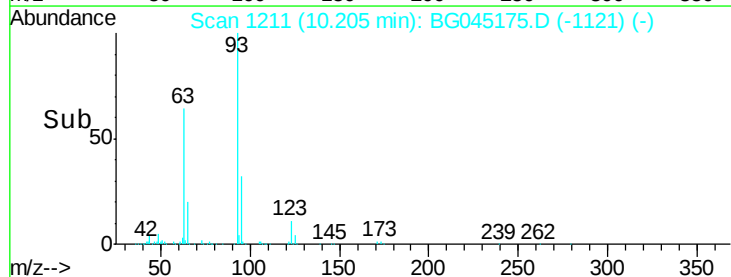
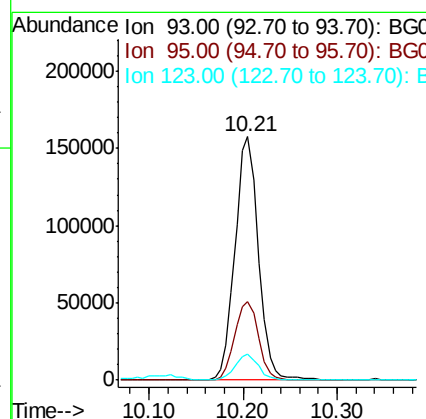
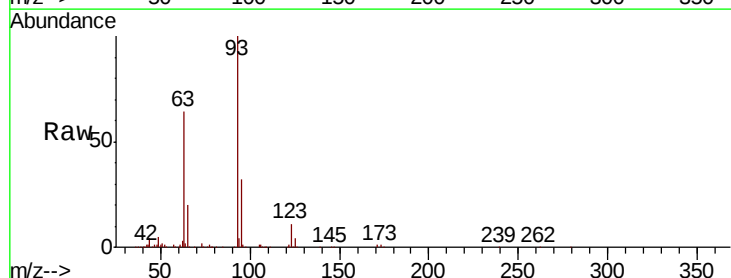
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#28
bis(2-Chloroethoxy)methane
Concen: 40.268 ng
RT: 10.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	272231		
95	32.2	27.0	40.4	
123	10.6	8.7	13.1	





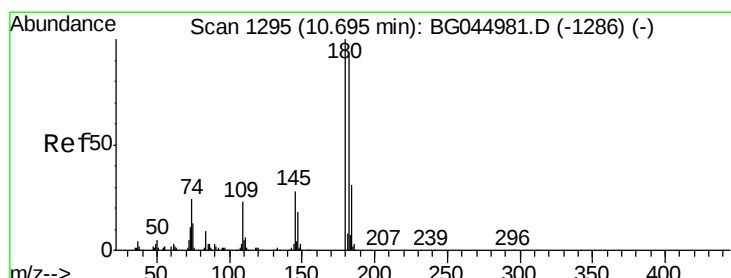
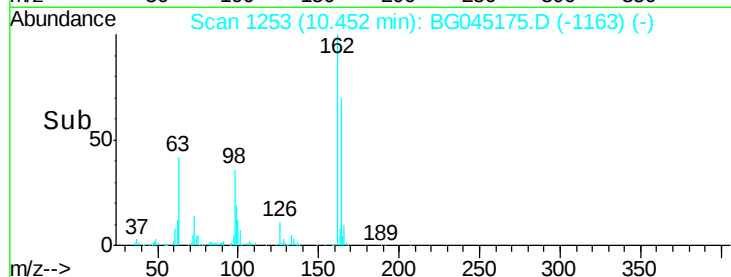
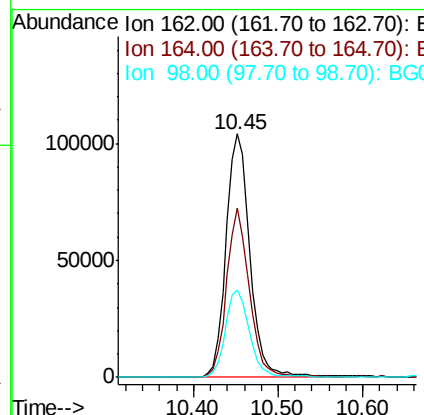
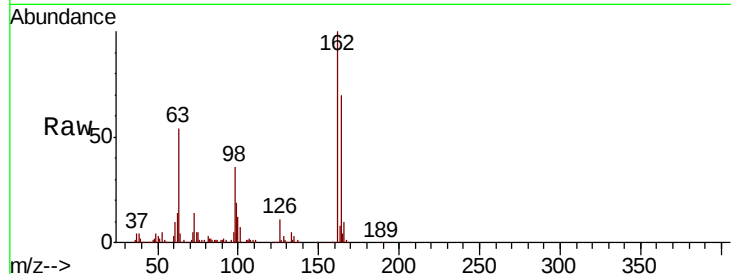
#29
 2,4-Dichlorophenol
 Concen: 40.252 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	69.8		45.0	85.0	
98	36.0		15.2	55.2	

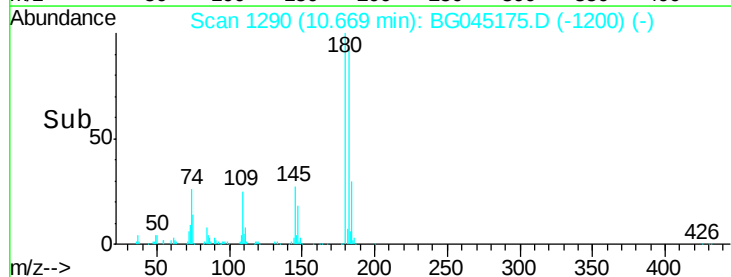
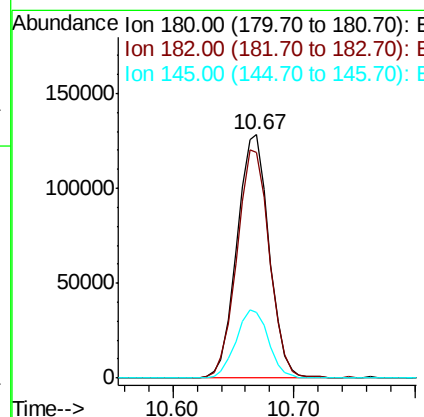
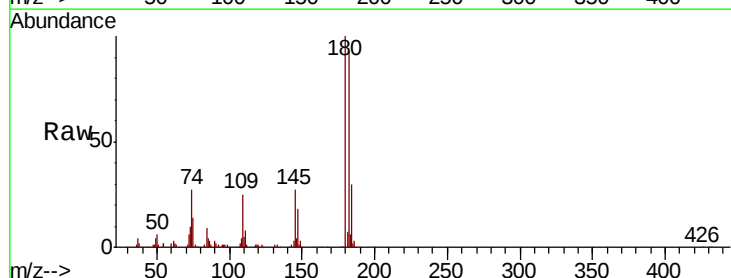
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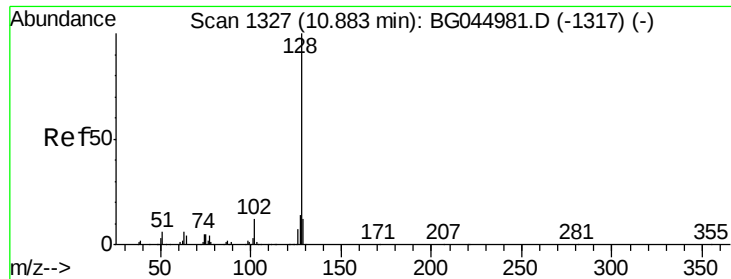
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.444 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	92.9		73.3	109.9	
145	26.9		22.6	33.8	





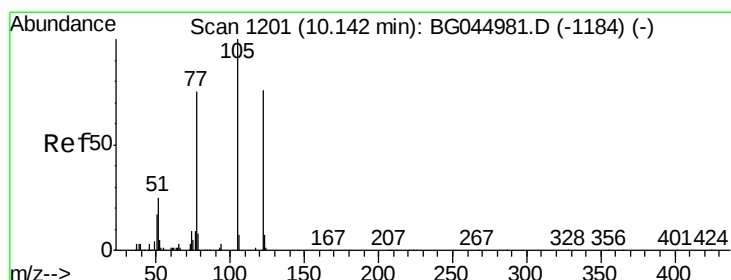
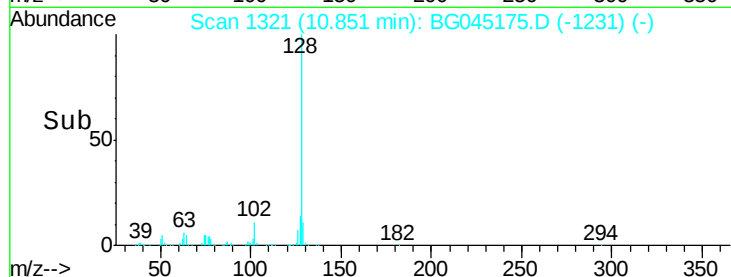
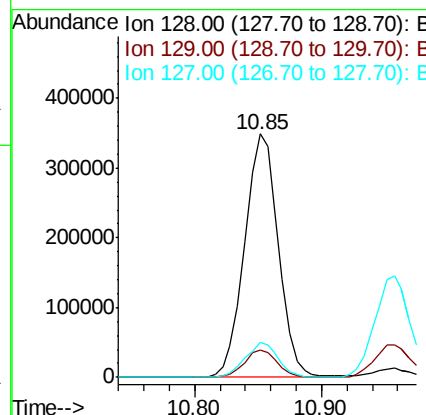
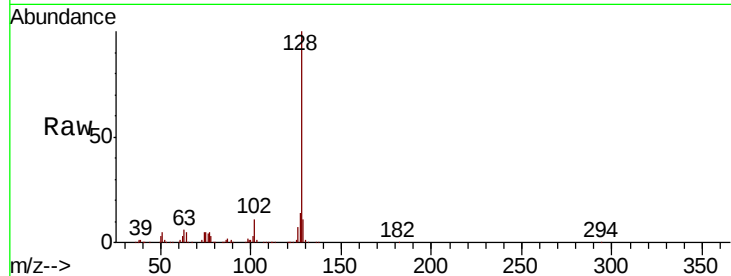
#31
Naphthalene
Concen: 41.033 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	14.1	10.8	16.2

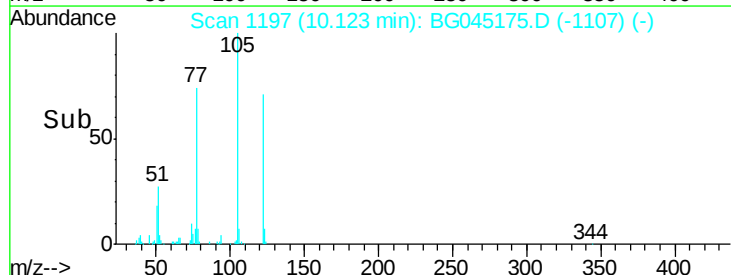
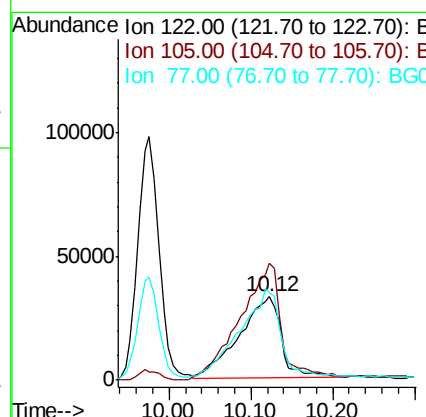
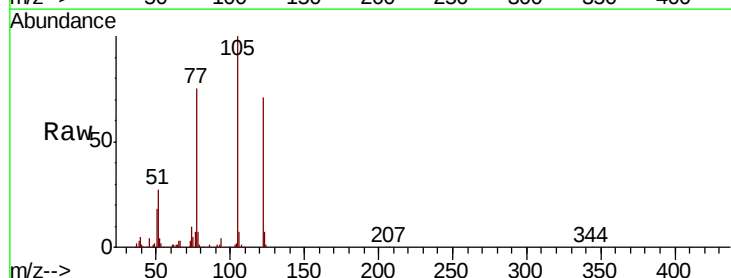
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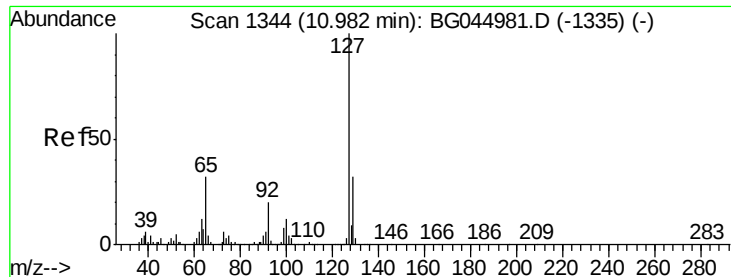
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#32
Benzoic acid
Concen: 34.985 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.6	108.4	148.4
77	105.0	78.8	118.8





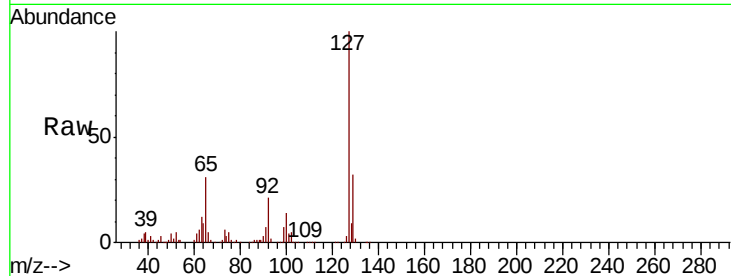
#33
4-Chloroaniline
Concen: 39.339 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

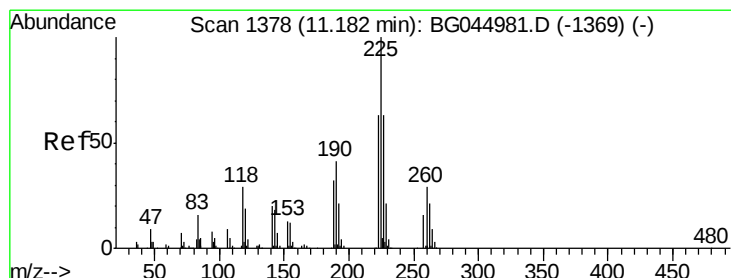
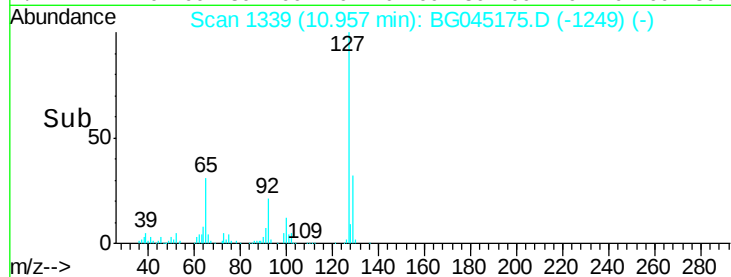
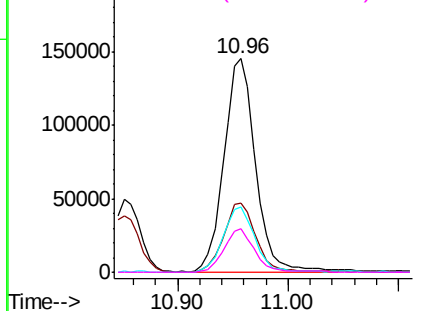
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		287735		
129	32.1	25.7	38.5		
65	30.7	25.4	38.2		
92	20.6	16.1	24.1		

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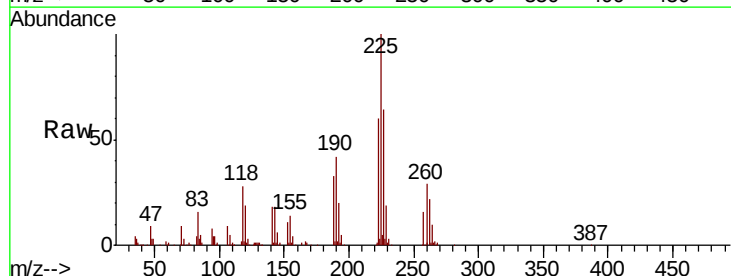


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

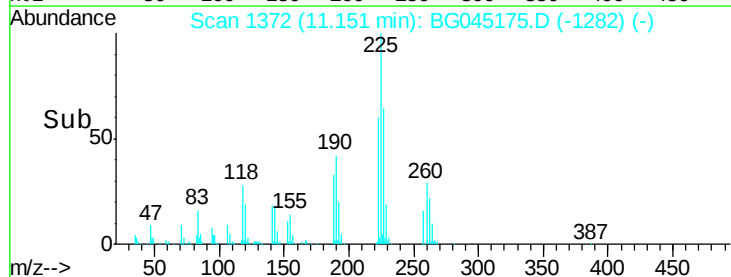
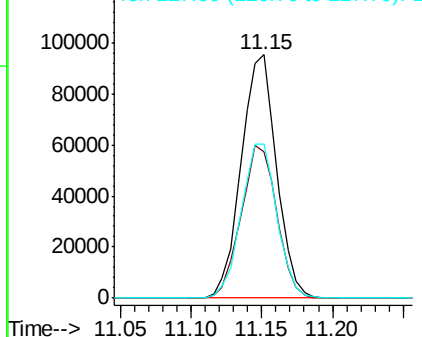


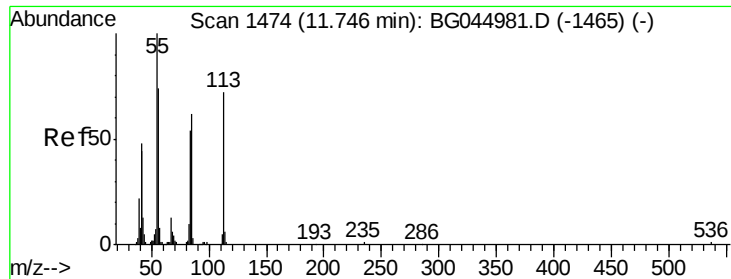
#34
Hexachlorobutadiene
Concen: 42.291 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		166865		
223	60.4	50.7	76.1		
227	63.5	50.2	75.2		



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





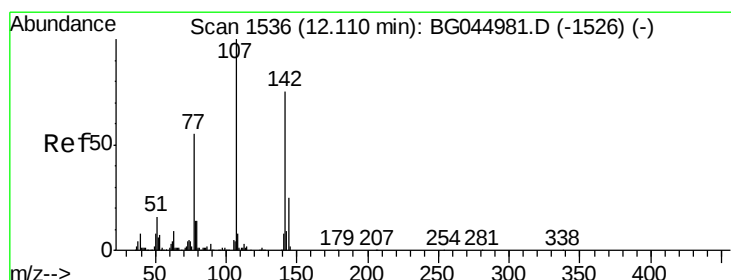
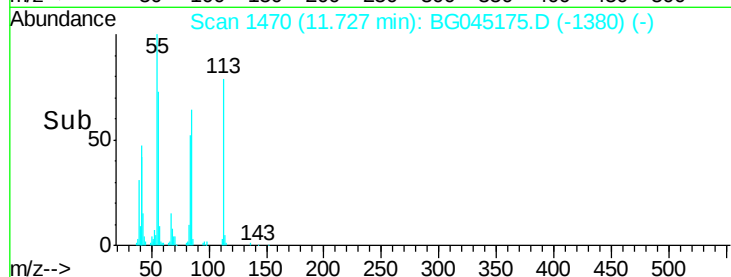
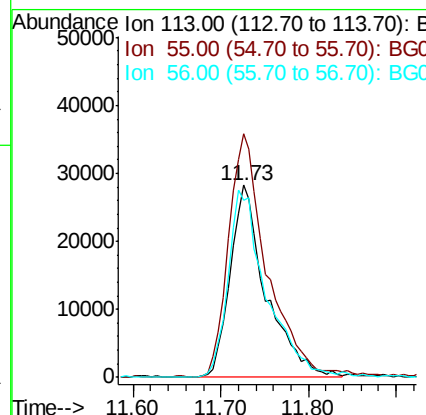
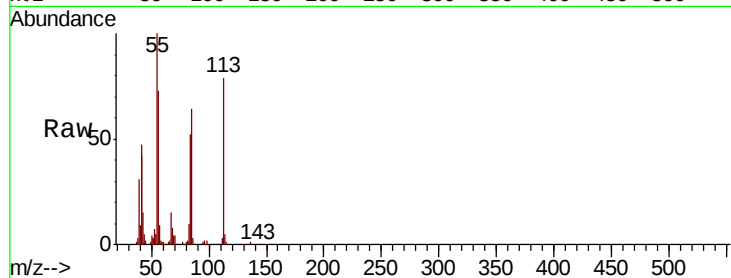
#35
 Caprolactam
 Concen: 39.474 ng
 RT: 11.73 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.7	118.8	158.8
56	92.1	82.6	122.6

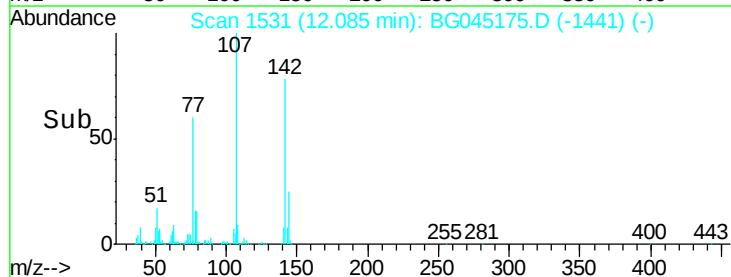
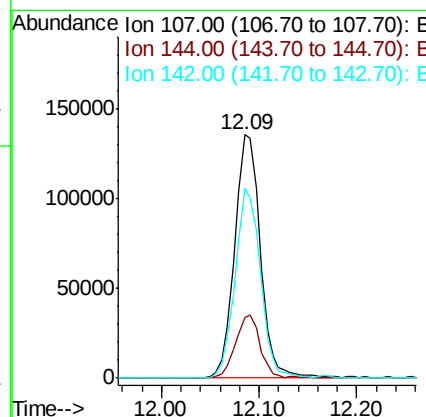
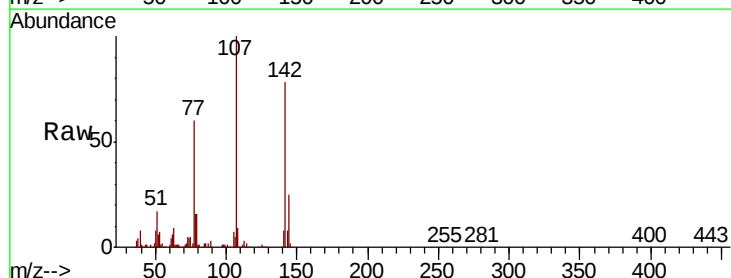
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#36
 4-Chloro-3-methylphenol
 Concen: 41.782 ng
 RT: 12.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	78.1	59.7	89.5





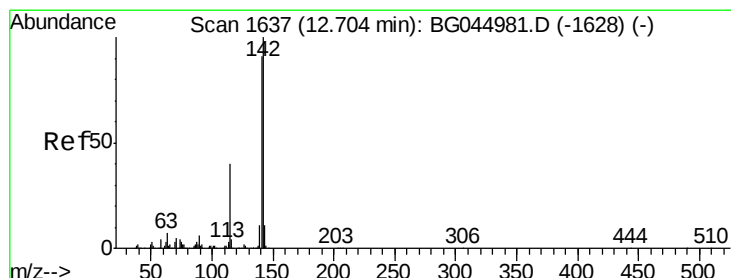
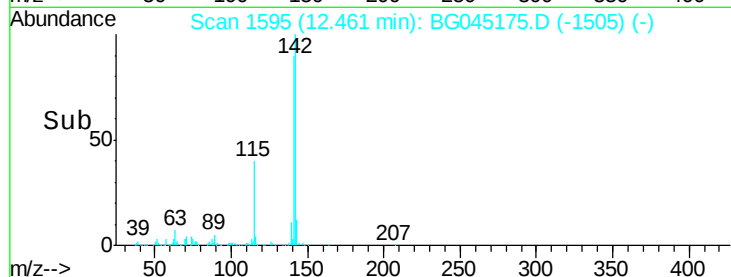
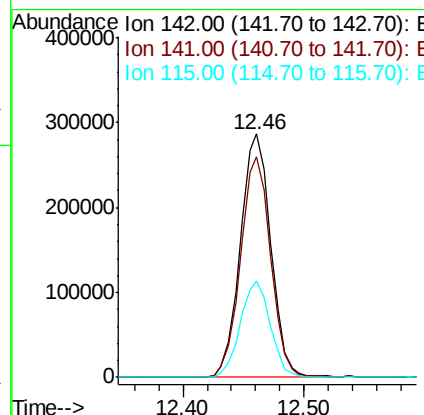
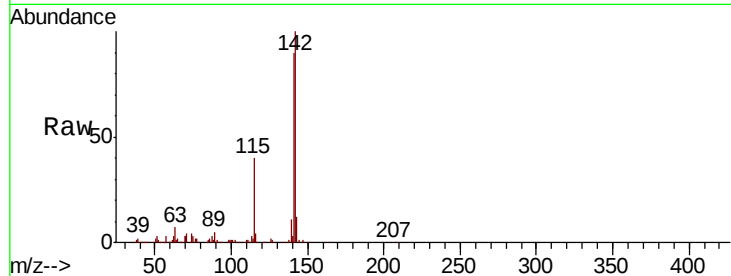
#37
 2-Methylnaphthalene
 Concen: 41.508 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.3	105.5
115	39.6	29.8	44.6

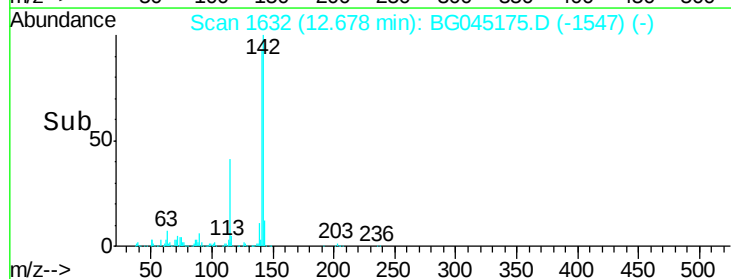
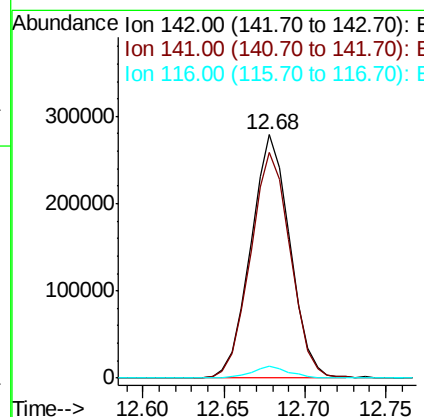
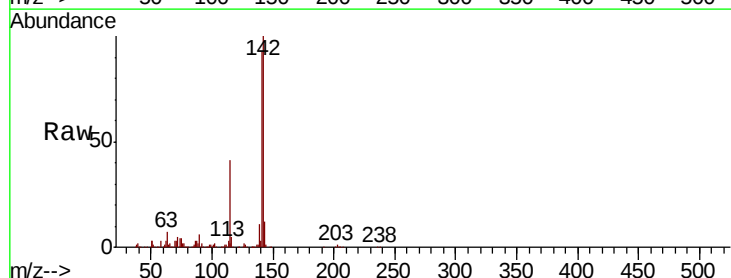
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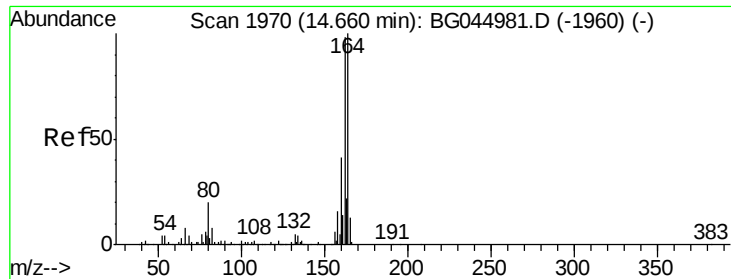
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#38
 1-Methylnaphthalene
 Concen: 40.923 ng m
 RT: 12.68 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.7	109.1
116	4.7	3.1	4.7#





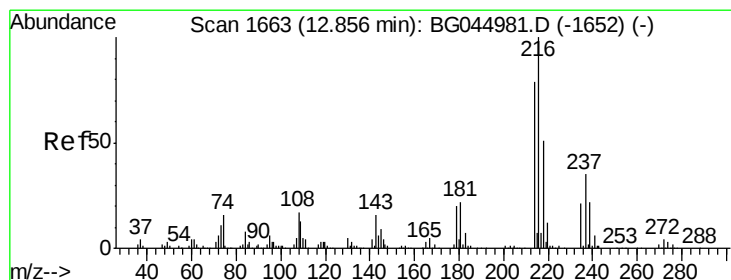
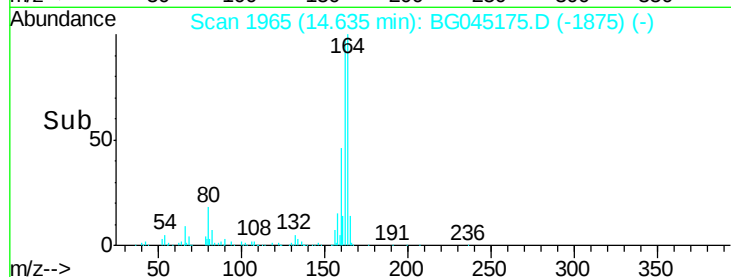
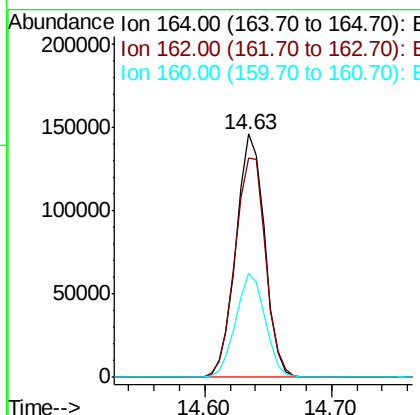
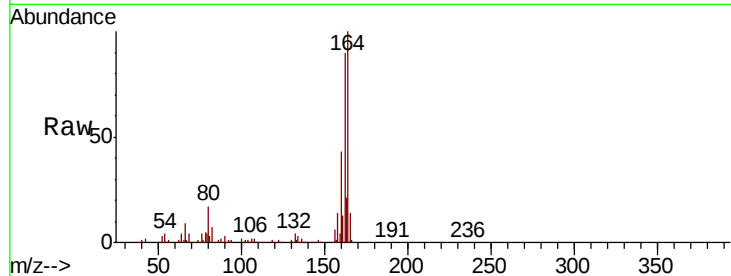
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	90.2	78.7	118.1
160	42.8	32.8	49.2

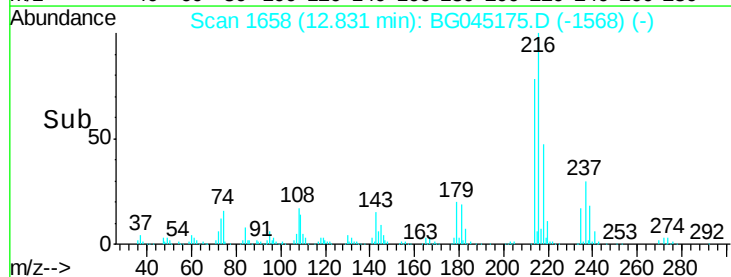
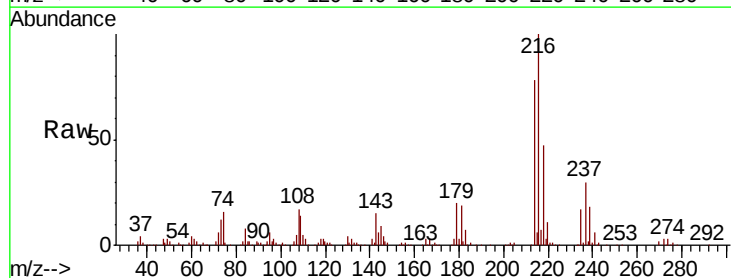
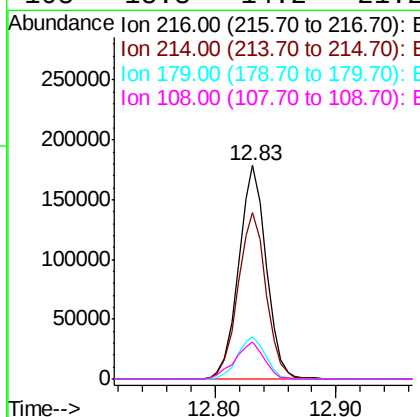
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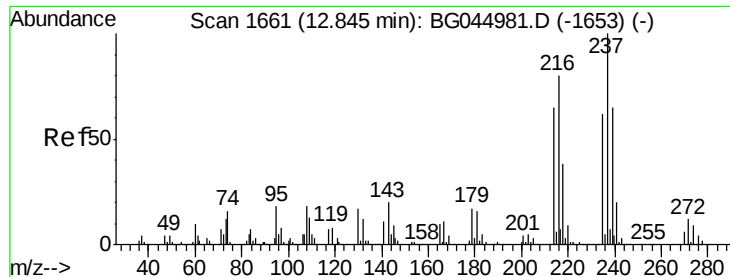
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.599 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.6
179	20.1	15.8	23.8
108	18.3	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 53.334 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

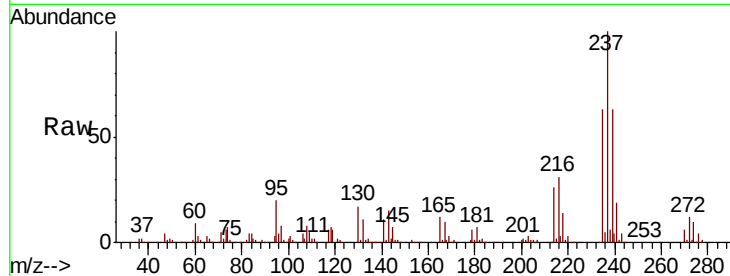
ClientSampleId :

SSTDCCC040

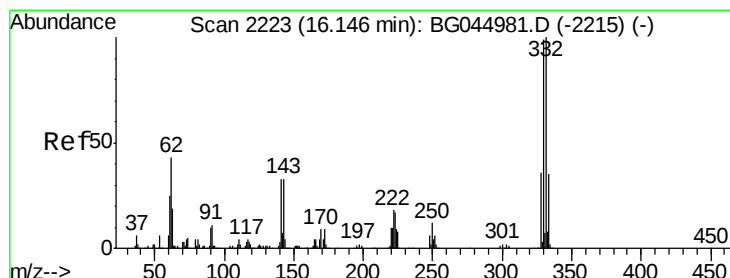
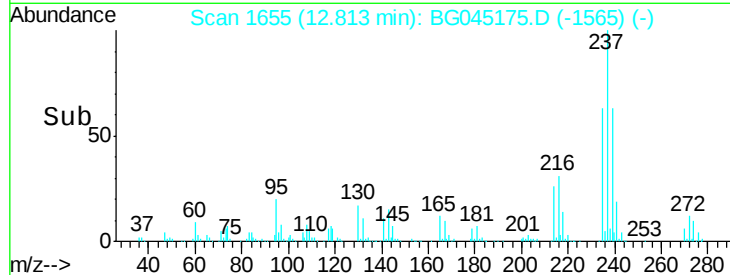
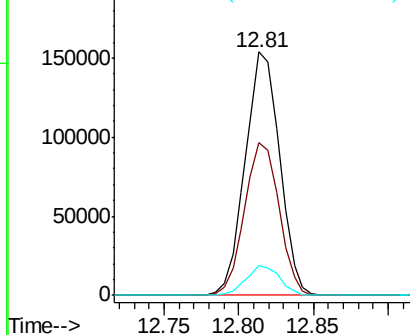
Tot Ion:	237	Resp:	245215
Ion Ratio		Lower	Upper
237	100		
235	62.9	41.6	81.6
272	12.4	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 81.007 ng

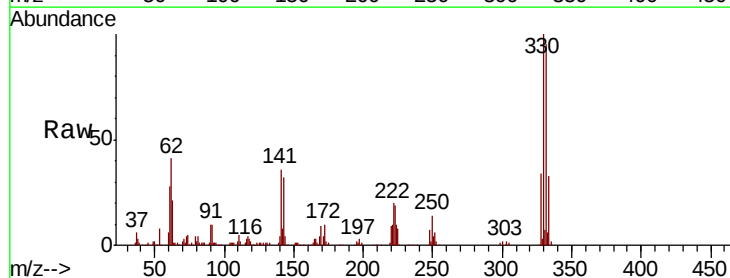
RT: 16.13 min Scan# 2219

Delta R.T. 0.00 min

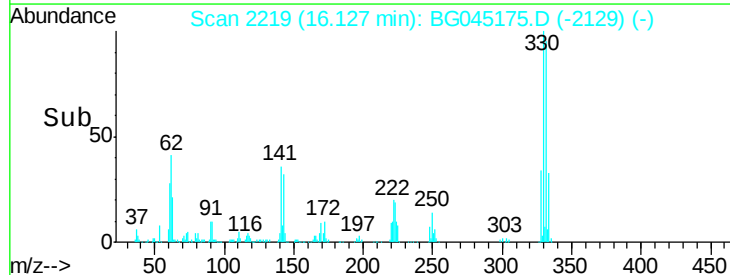
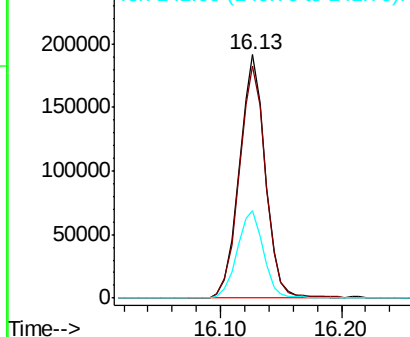
Lab File: BG045175.D

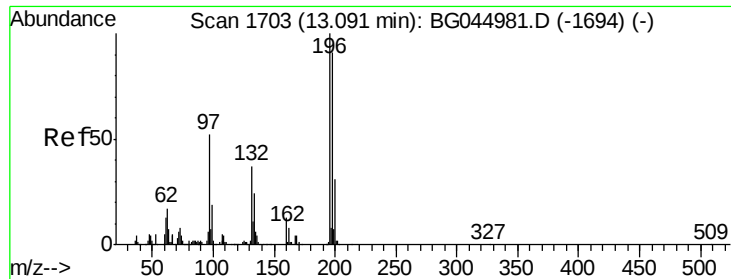
Acq: 27 Apr 2020 11:57

Tgt Ion:	330	Resp:	285924
Ion Ratio		Lower	Upper
330	100		
332	97.4	79.1	118.7
141	36.6	27.1	40.7



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





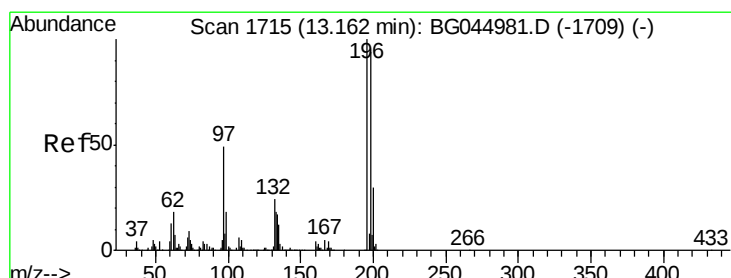
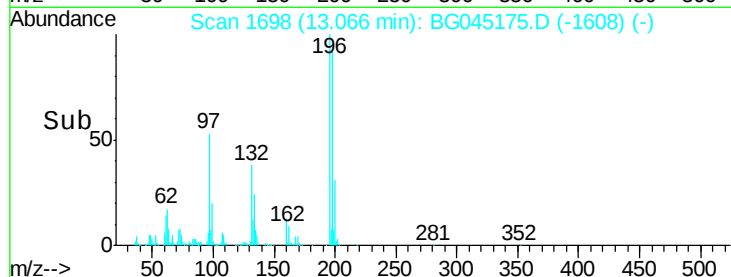
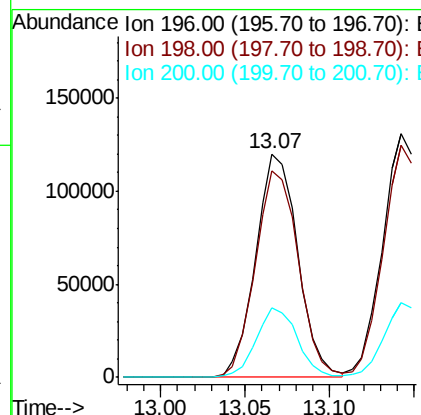
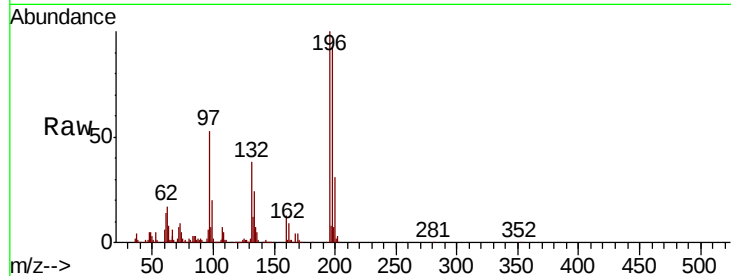
#43
2,4,6-Trichlorophenol
Concen: 39.921 ng
RT: 13.07 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207260		
198	92.2	72.5	108.7	
200	31.4	24.5	36.7	

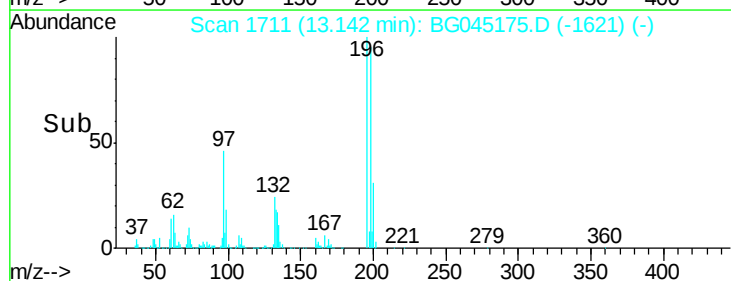
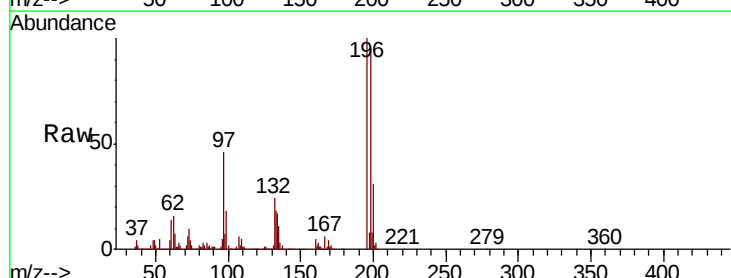
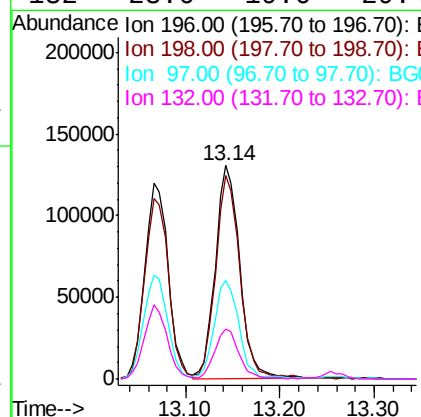
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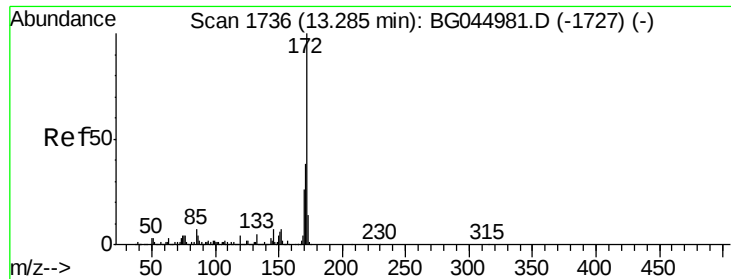
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 40.431 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238933		
198	95.3	75.7	113.5	
97	46.2	39.6	59.4	
132	23.6	19.6	29.4	





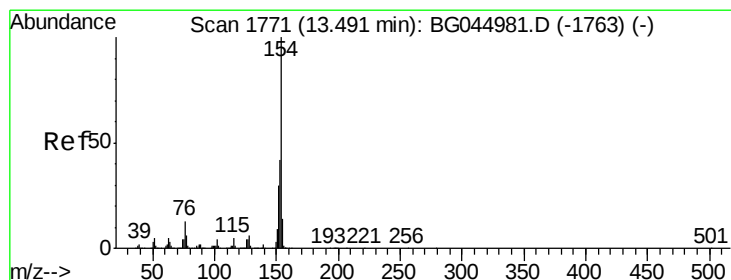
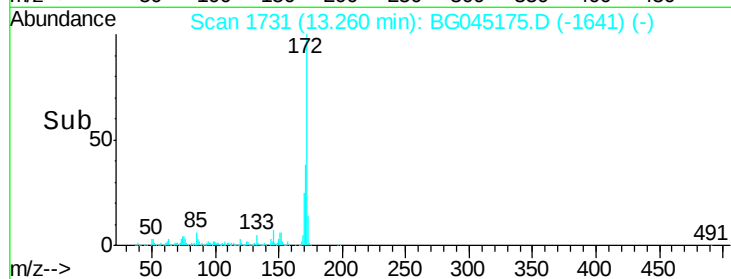
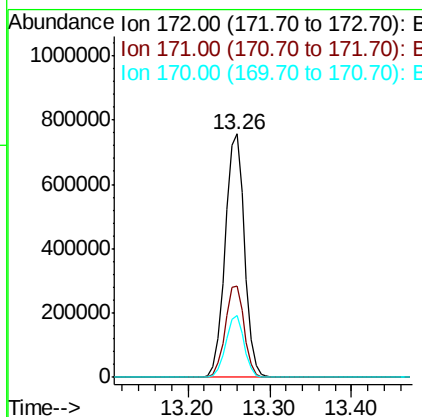
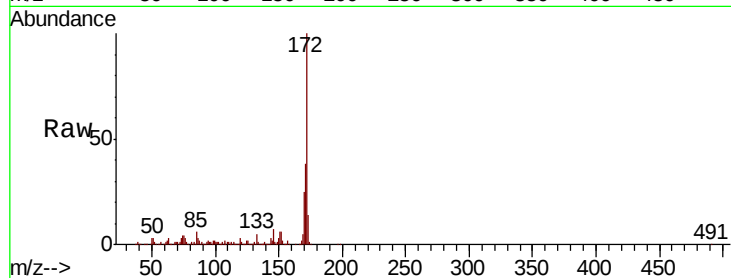
#45
2-Fluorobiphenyl
Concen: 79.501 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	46.0
170	25.2	20.5	30.7

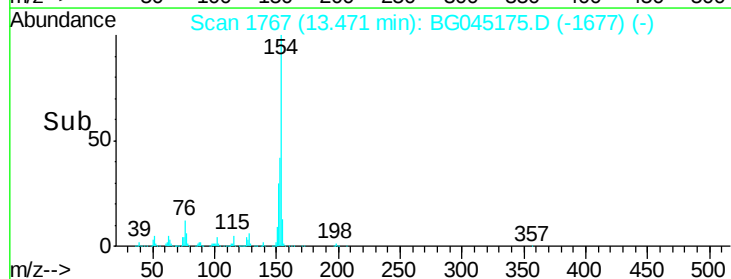
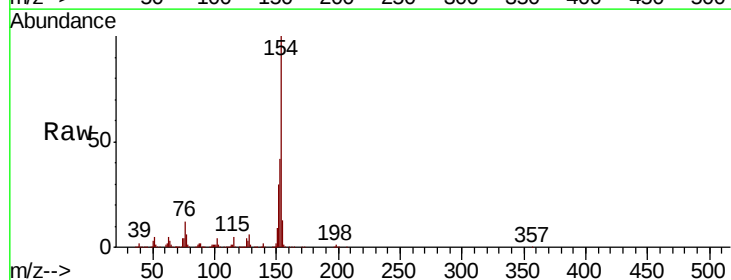
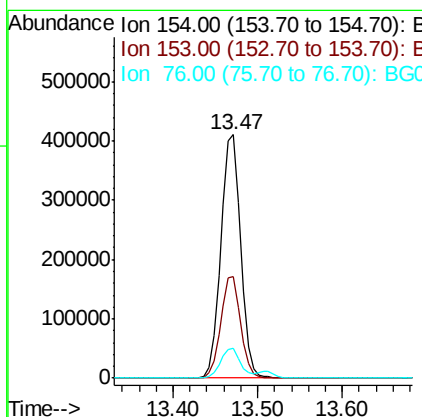
Manual Integrations
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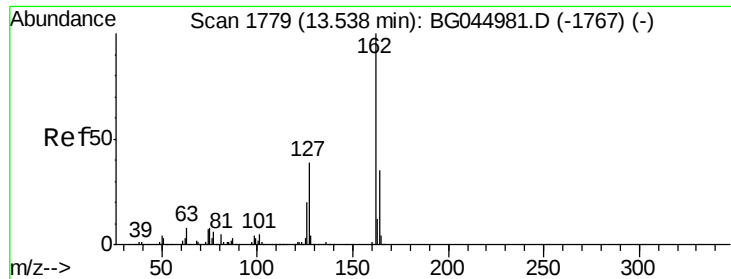
mohammad
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#46
1,1'-Biphenyl
Concen: 38.619 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.9	61.9
76	12.5	0.0	33.1





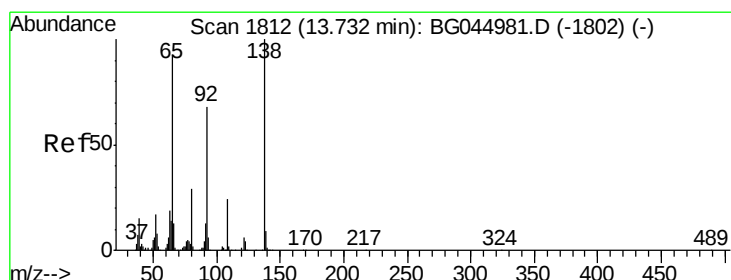
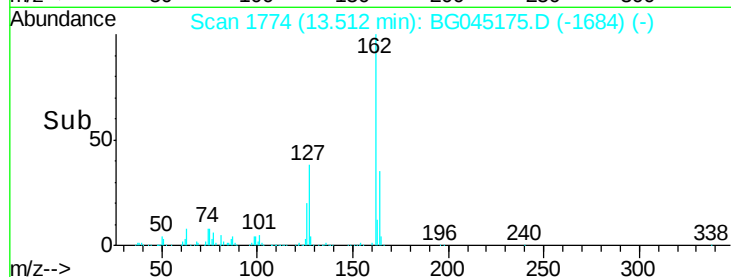
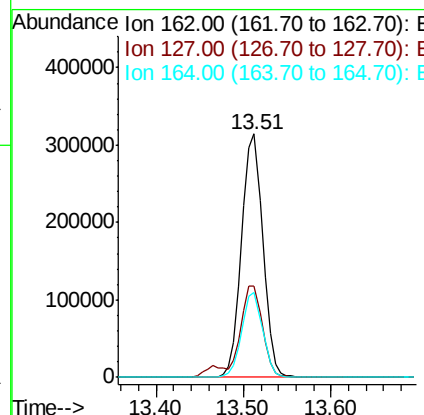
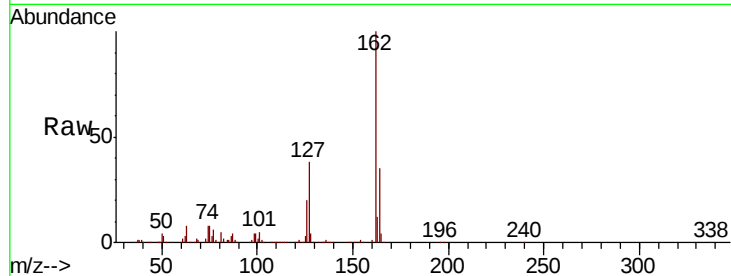
#47
 2-Chloronaphthalene
 Concen: 38.875 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.3	46.9
164	34.8	27.8	41.8

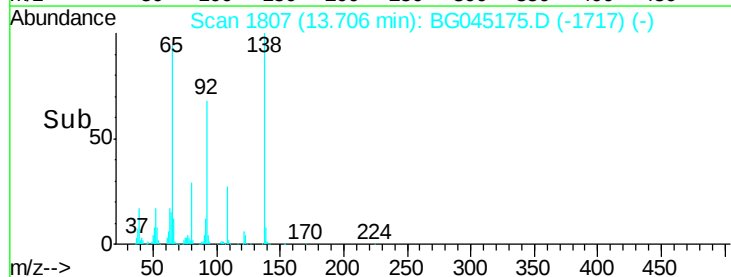
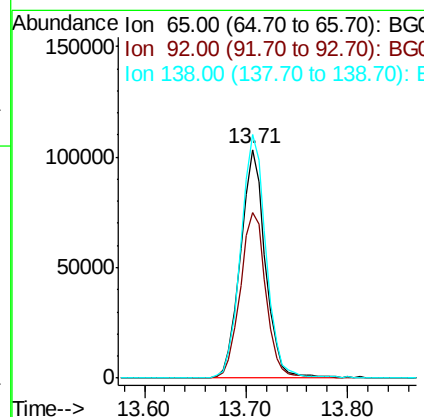
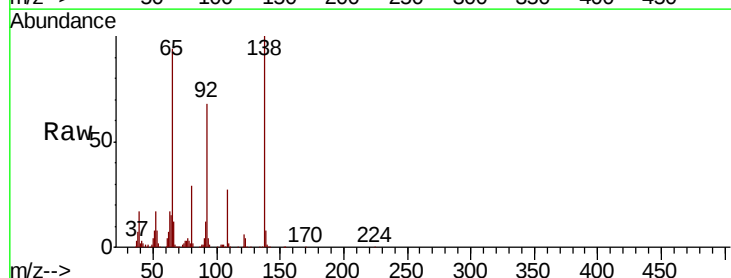
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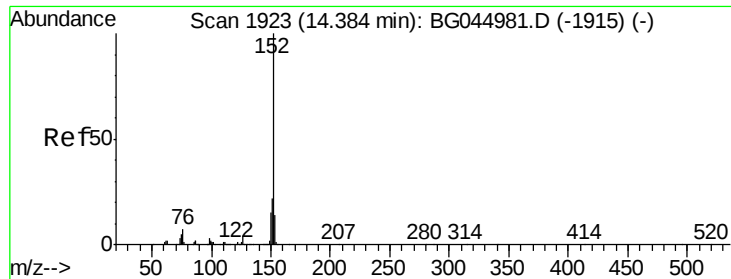
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#48
 2-Nitroaniline
 Concen: 40.331 ng
 RT: 13.71 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.3	87.5
138	106.5	85.6	128.4





#49

Acenaphthylene

Concen: 39.857 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

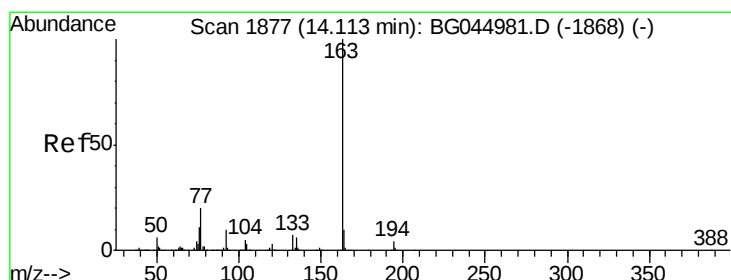
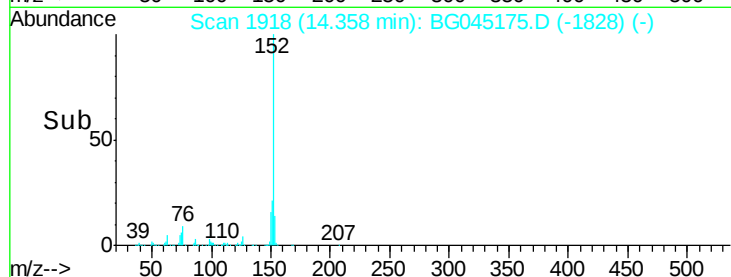
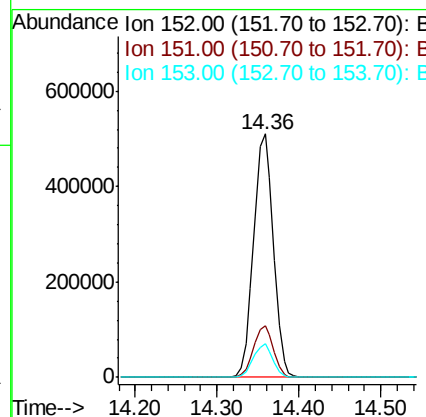
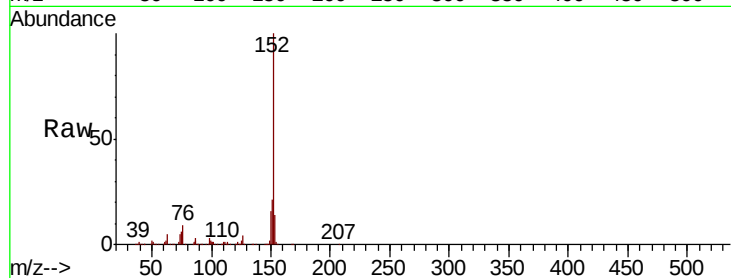
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	861437
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.2	25.8
153	14.1	11.0	16.4

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#50

Dimethylphthalate

Concen: 39.437 ng

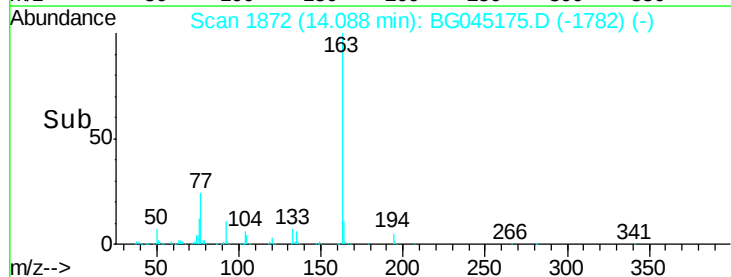
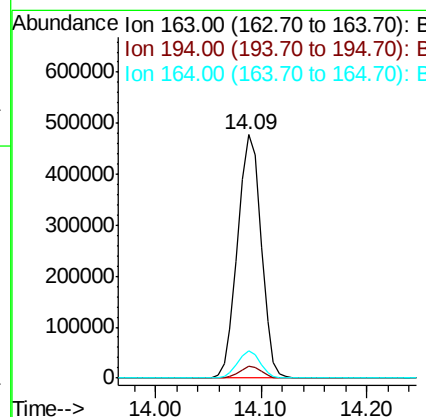
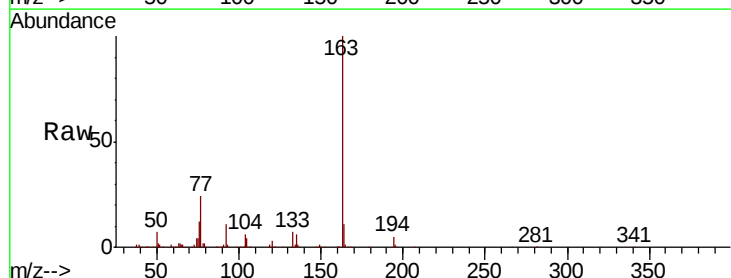
RT: 14.09 min Scan# 1872

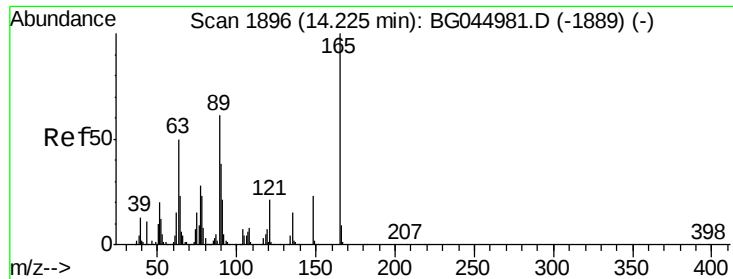
Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	163	Resp:	733650
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	11.4	8.2	12.4





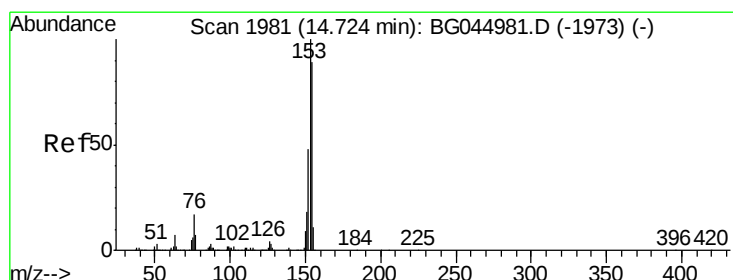
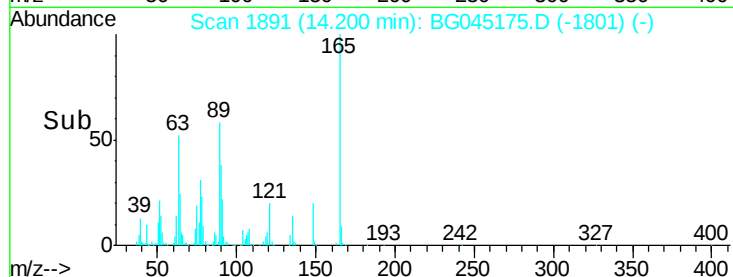
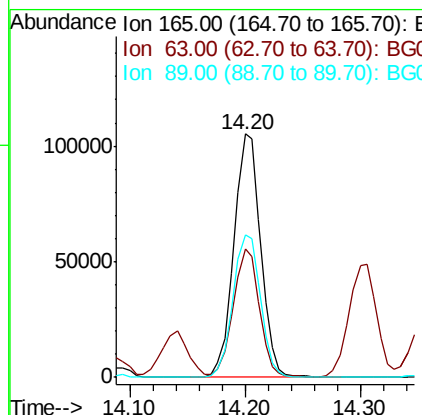
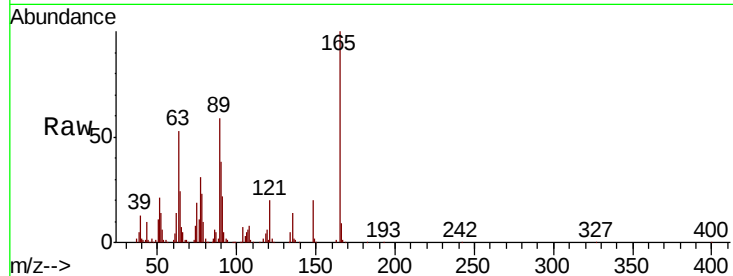
#51
 2,6-Dinitrotoluene
 Concen: 40.522 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	52.6	40.4	60.6
89	58.6	49.1	73.7

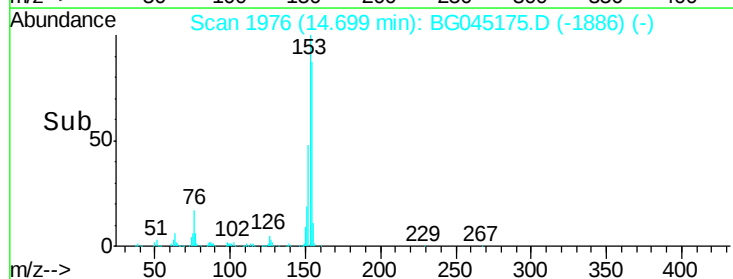
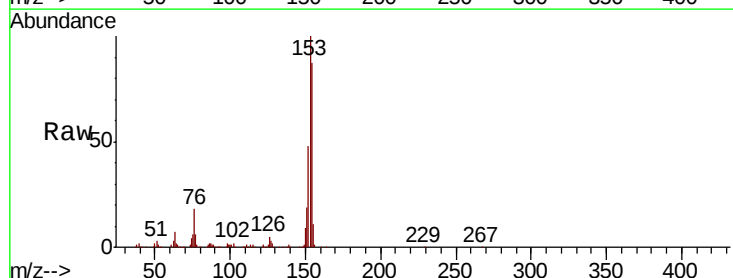
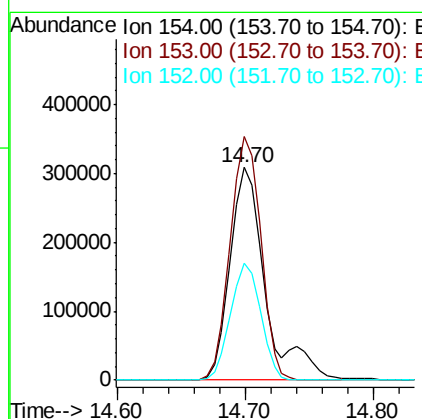
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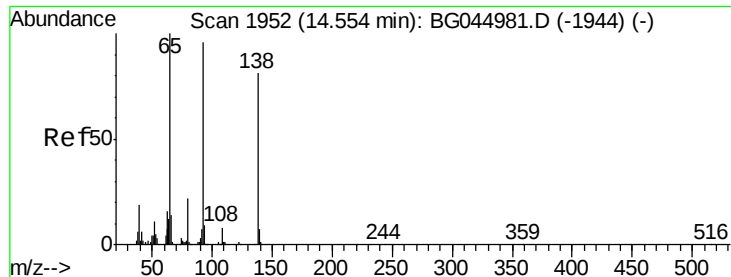
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#52
 Acenaphthene
 Concen: 40.330 ng m
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.5	89.7	134.5
152	54.9	43.1	64.7





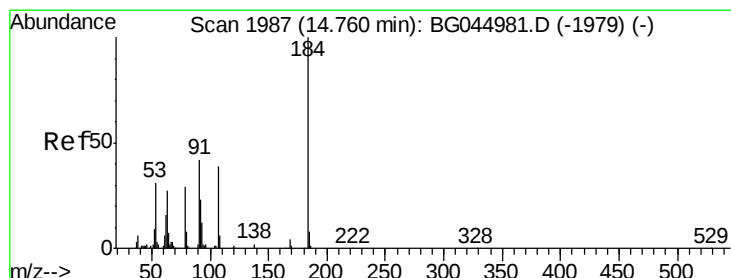
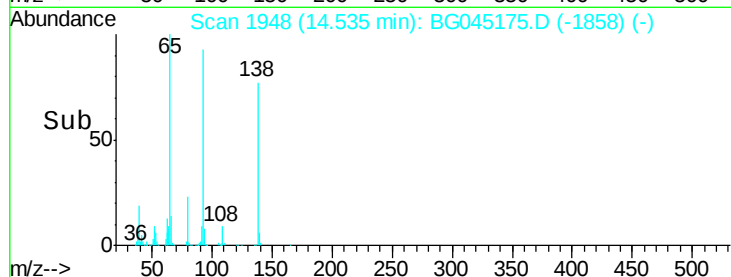
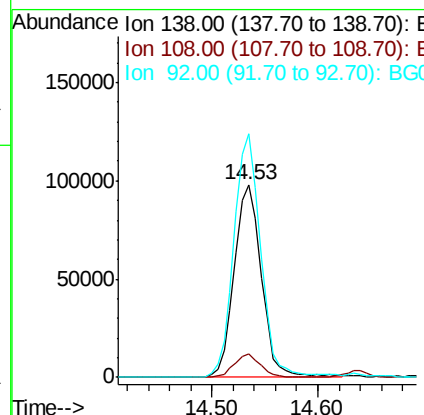
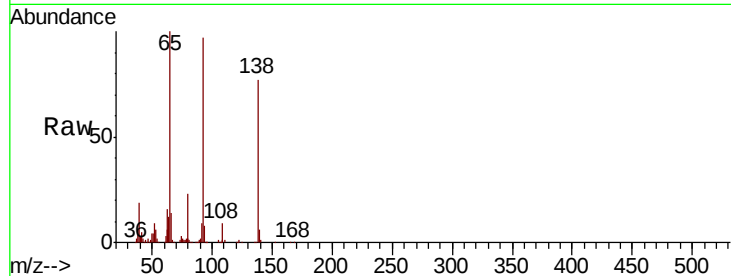
#53
3-Nitroaniline
Concen: 38.159 ng
RT: 14.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	7.8	11.8#
92	126.2	94.5	141.7

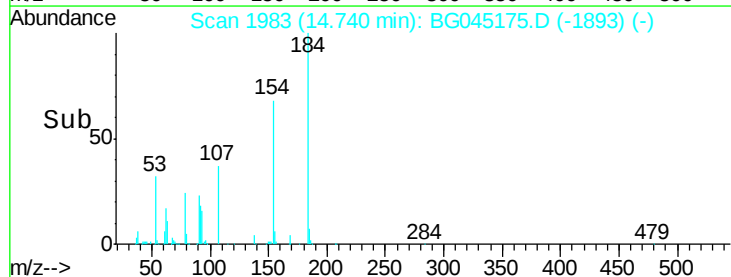
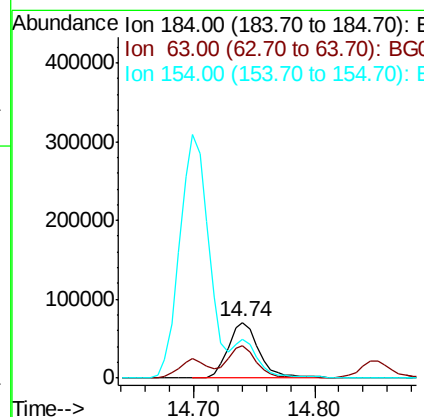
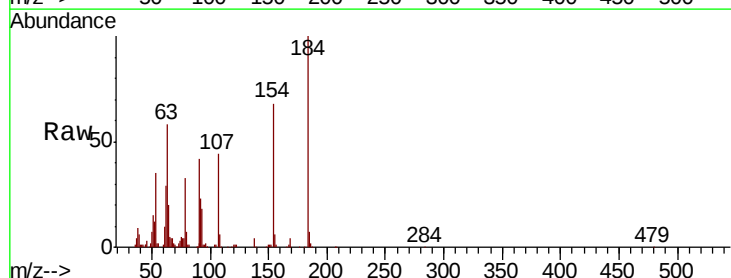
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#54
2,4-Dinitrophenol
Concen: 51.092 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	41.5	62.3
154	68.2	52.3	78.5





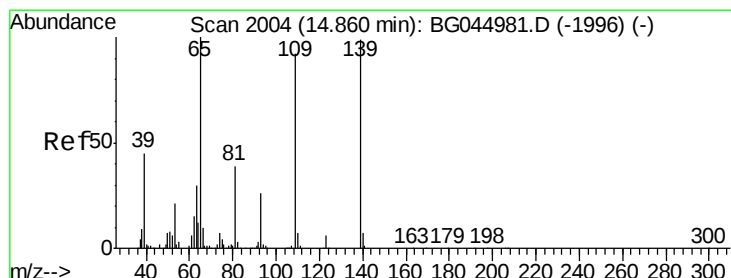
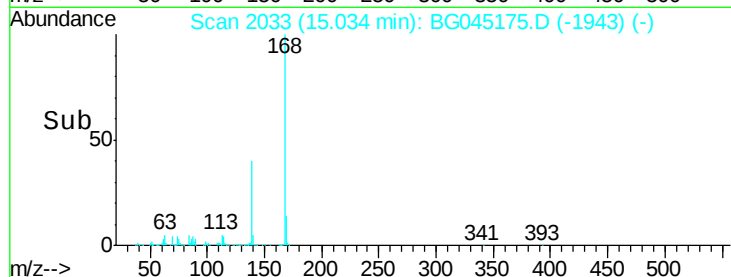
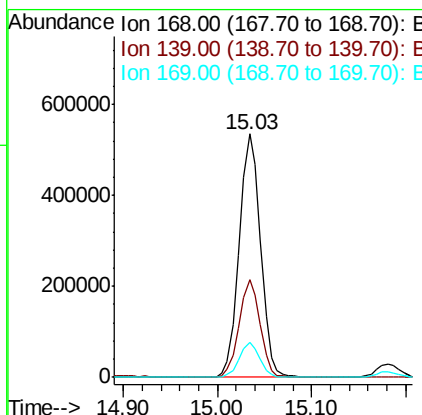
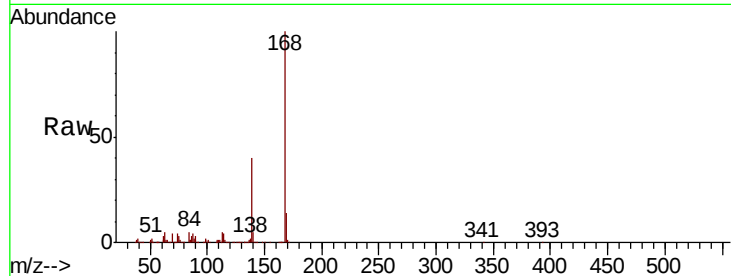
#55
Dibenzenofuran
Concen: 39.458 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	168	Resp	841246
Ion Ratio	Lower	Upper	
168	100		
139	40.0	30.4	45.6
169	14.4	11.0	16.4

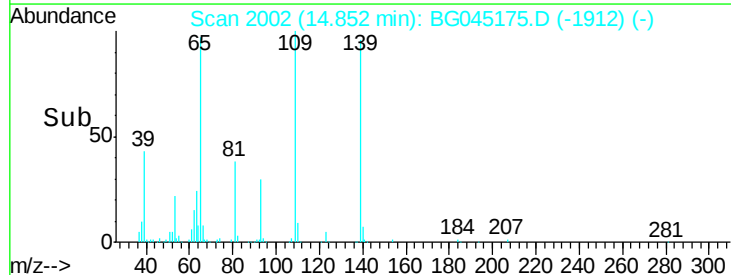
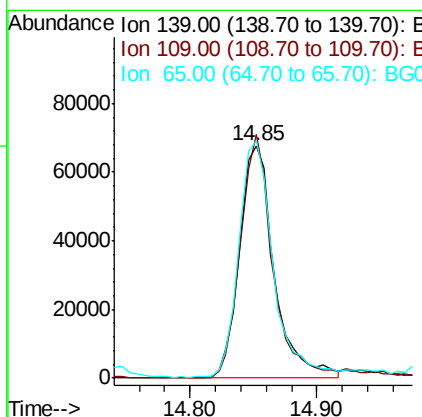
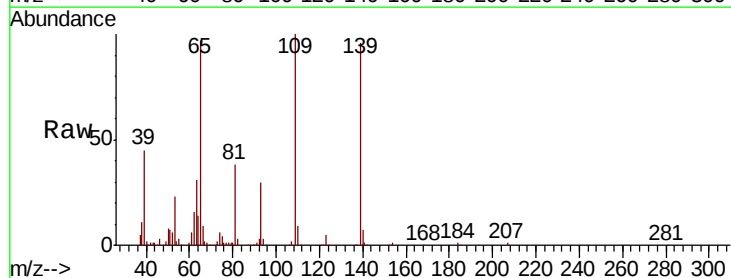
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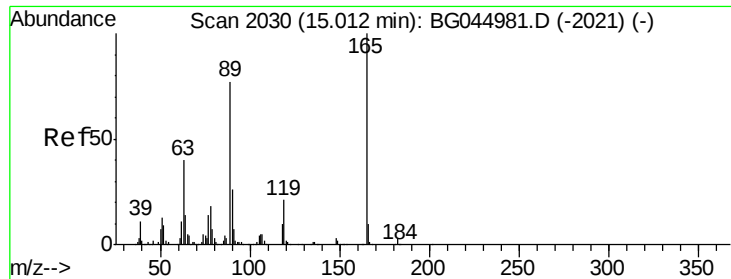
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#56
4-Nitrophenol
Concen: 36.551 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	139	Resp	129336
Ion Ratio	Lower	Upper	
139	100		
109	104.6	73.6	113.6
65	101.9	81.2	121.2





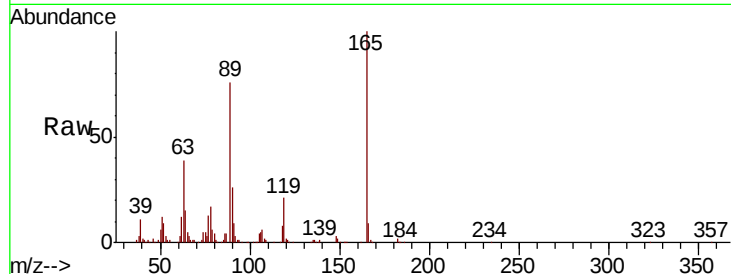
#57
2,4-Dinitrotoluene
Concen: 39.929 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242806		
63	38.6		32.2	48.2
89	76.0		61.7	92.5
182	2.4		2.0	3.0

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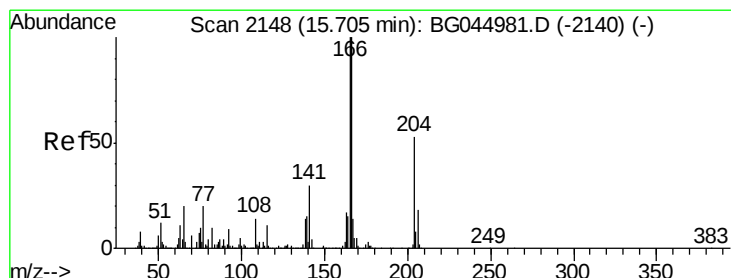
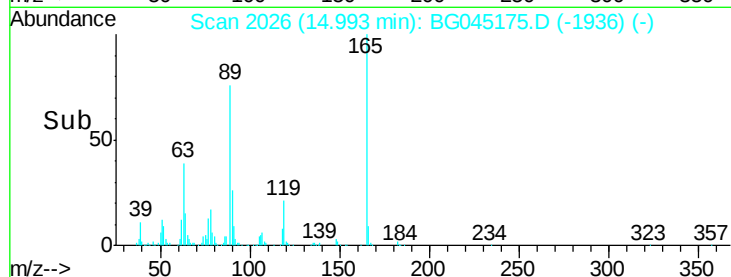
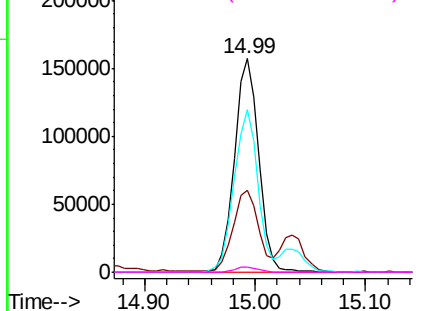
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

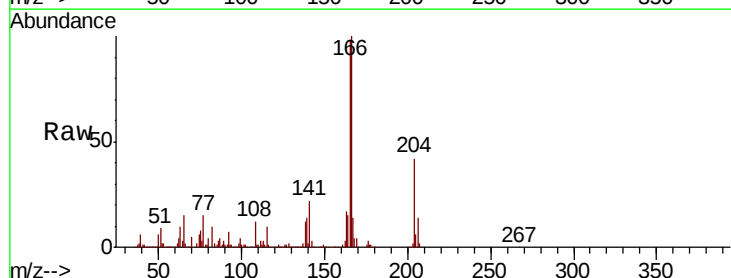
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.254 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	701010		
165	98.3		79.9	119.9
167	13.9		11.4	17.0

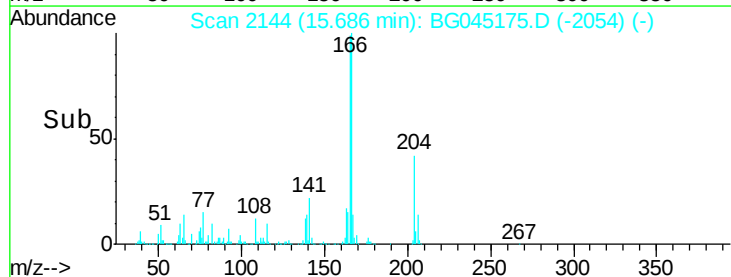
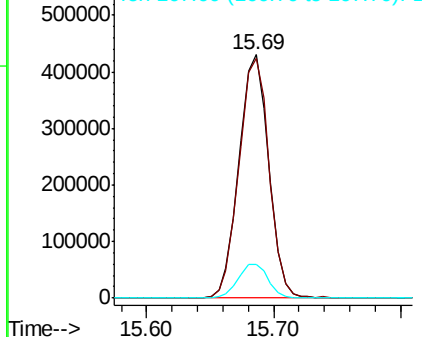


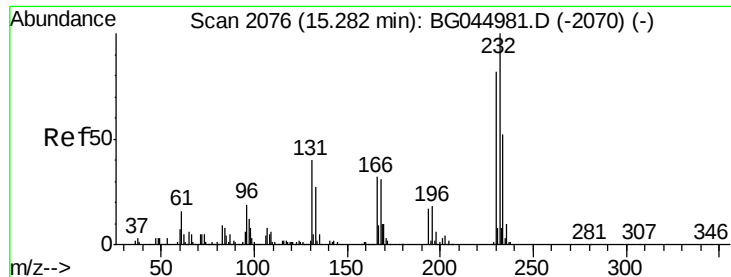
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.982 ng

RT: 15.26 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

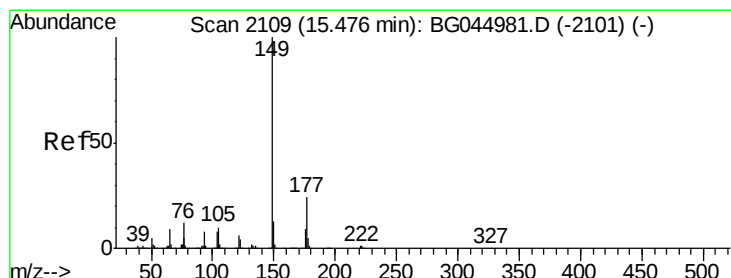
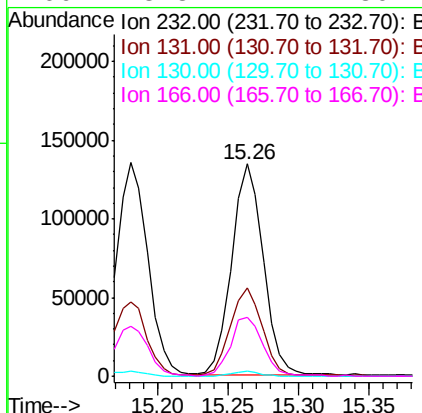
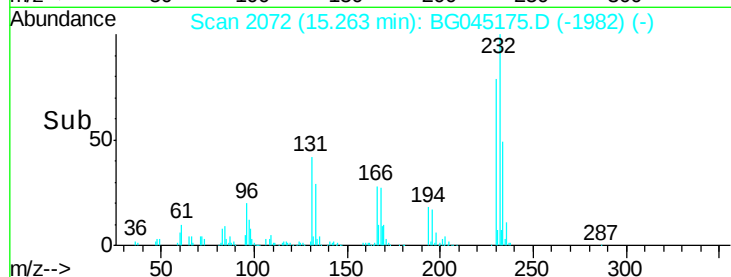
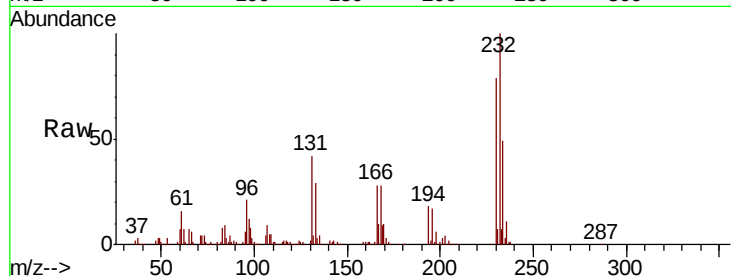
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	32.2	48.2
130	2.3	2.2	3.2
166	28.8	24.2	36.4

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#60

Diethylphthalate

Concen: 40.210 ng

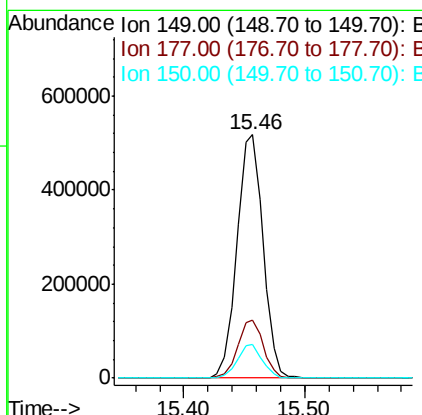
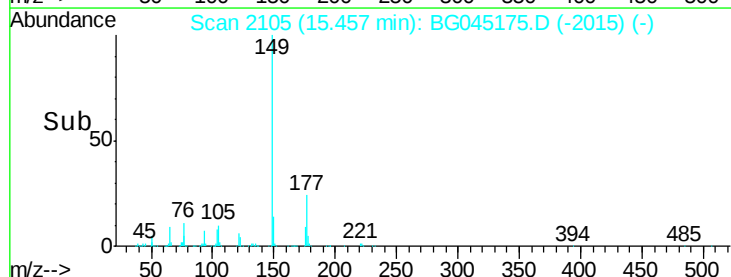
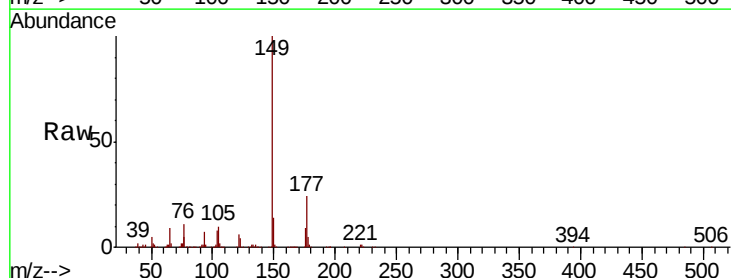
RT: 15.46 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.9	28.3
150	13.9	10.6	15.8





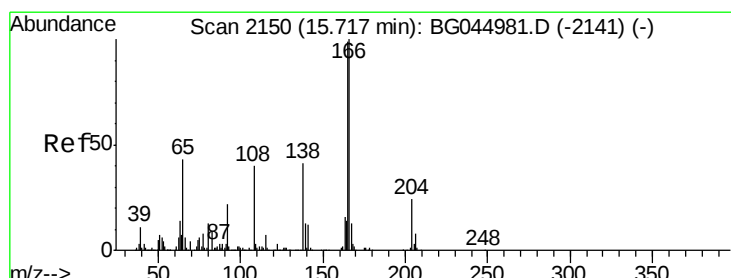
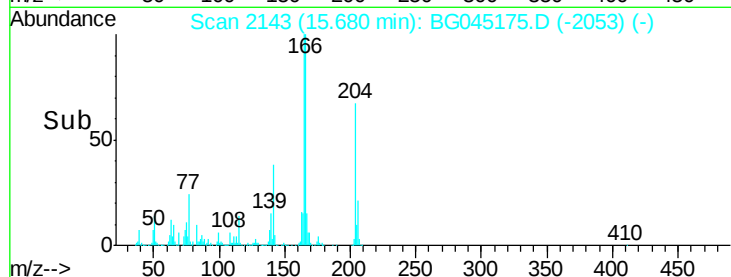
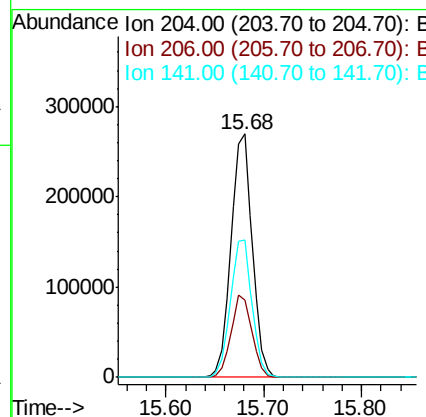
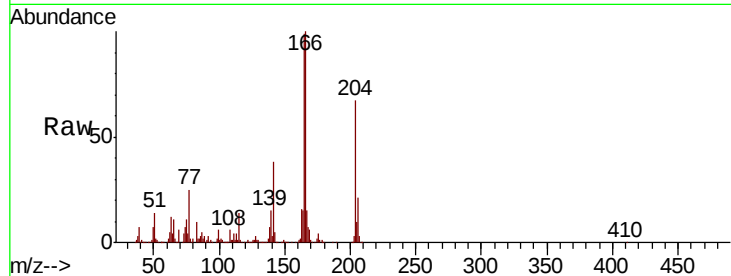
#61
 4-Chlorophenyl-phenylether
 Concen: 40.753 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	31.8	26.9	40.3	
141	56.2	46.3	69.5	

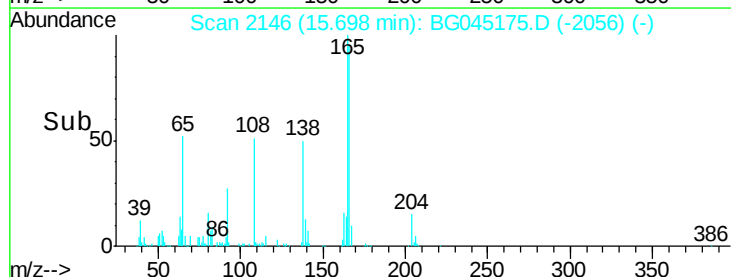
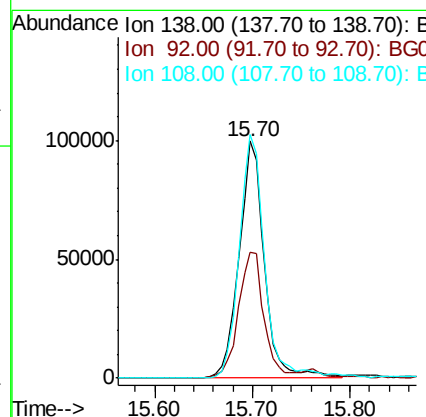
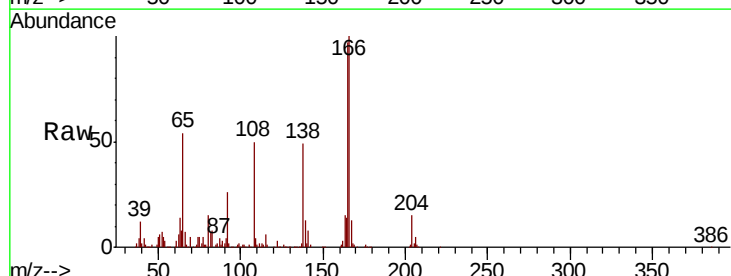
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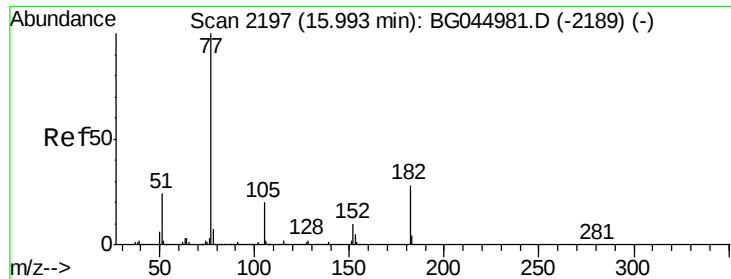
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#62
 4-Nitroaniline
 Concen: 37.844 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.3	33.6	73.6	
108	102.9	78.2	118.2	





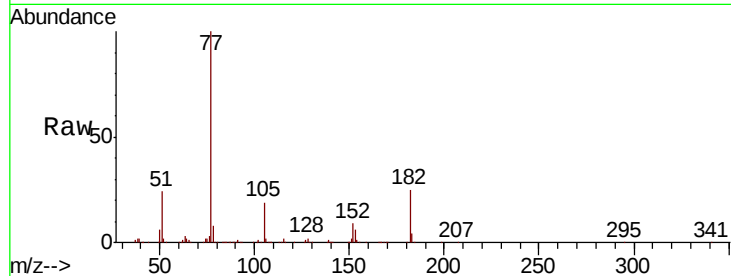
#63
Azobenzene
Concen: 39.704 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

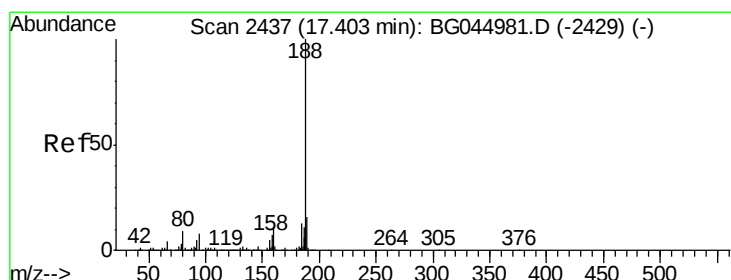
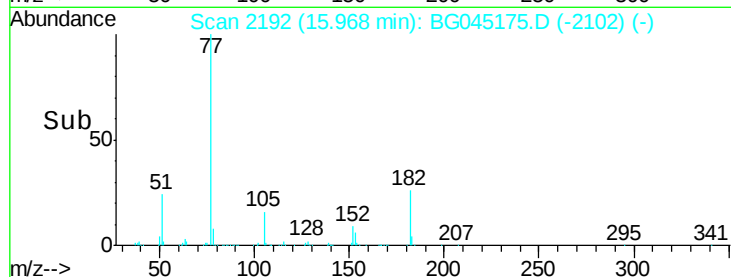
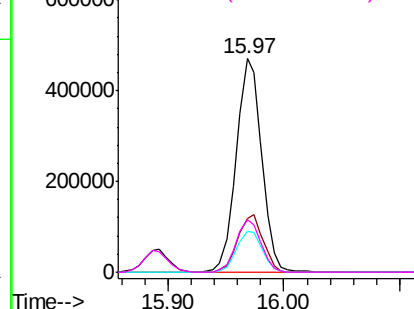
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		710001		
182	25.4	8.4	48.4		
105	19.1	0.5	40.5		
51	24.4	4.4	44.4		

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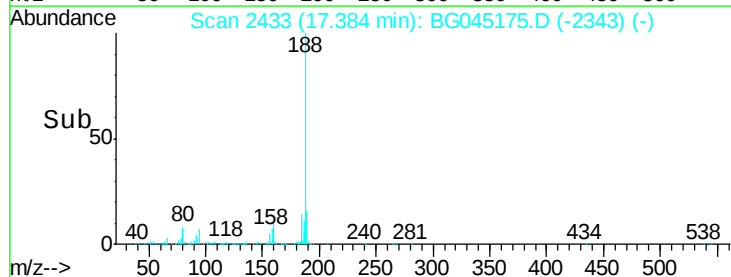
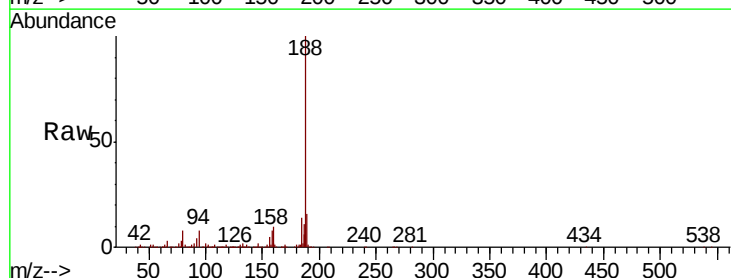
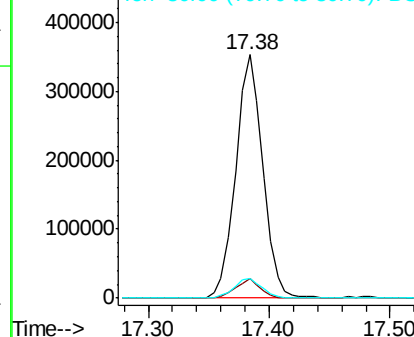
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

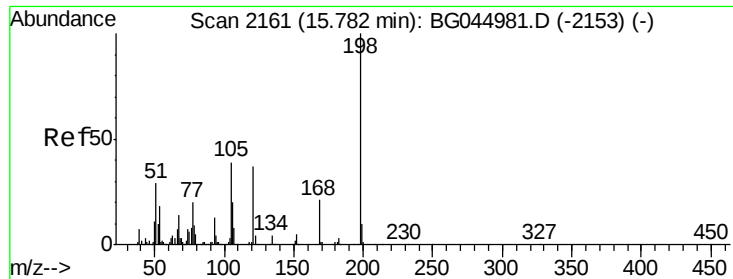


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		549722		
94	8.0	6.2	9.4		
80	8.1	7.0	10.6		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.414 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

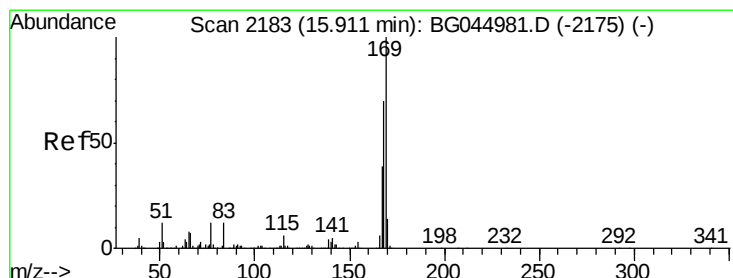
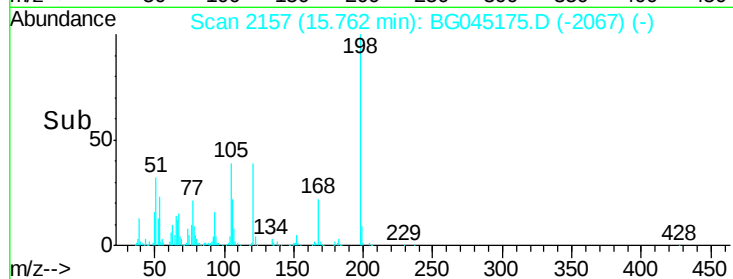
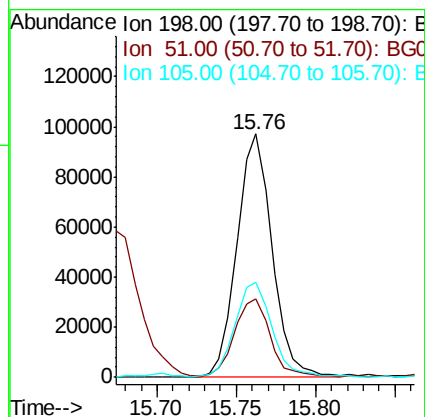
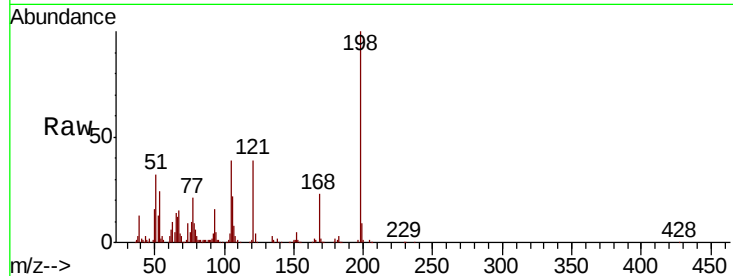
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	149642
Ion Ratio	Lower	Upper	
198	100		
51	32.0	10.0	50.0
105	39.1	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 39.627 ng

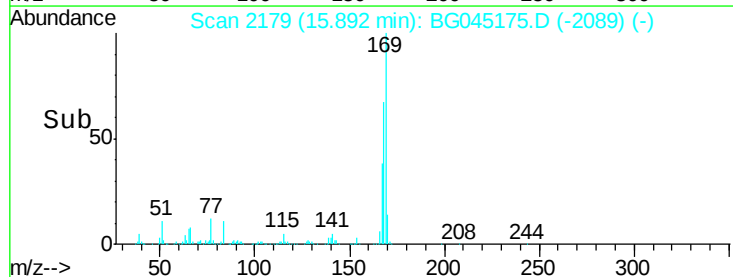
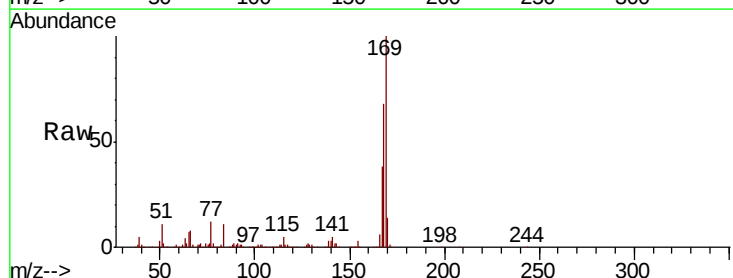
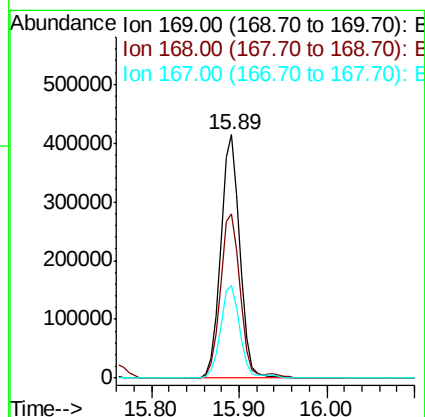
RT: 15.89 min Scan# 2179

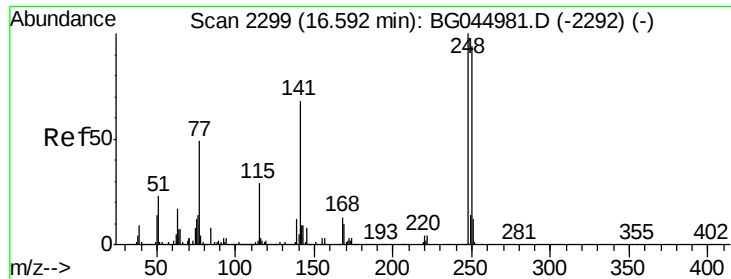
Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	169	Resp:	625891
Ion Ratio	Lower	Upper	
169	100		
168	67.5	55.8	83.8
167	38.0	30.8	46.2





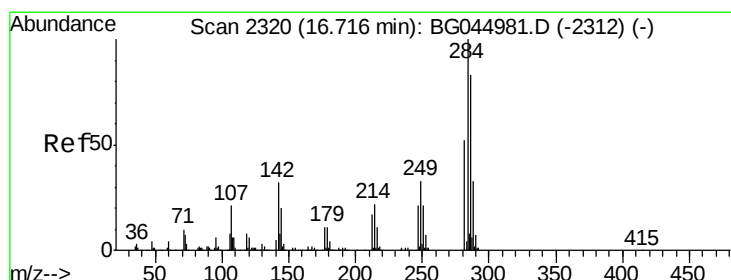
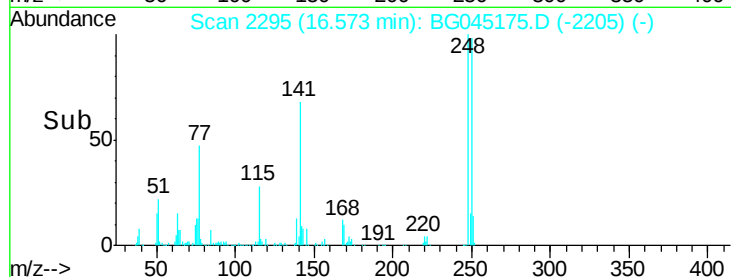
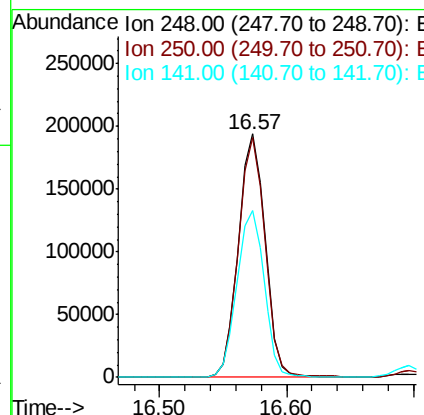
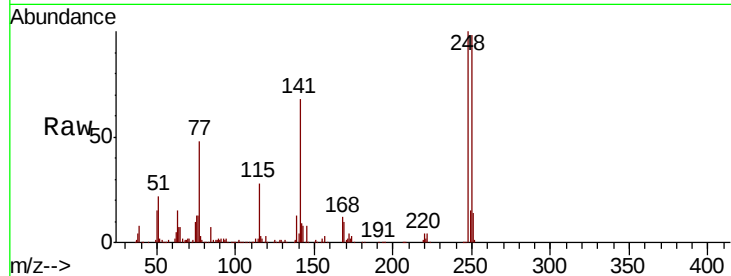
#67
 4-Bromophenyl-phenylether
 Concen: 39.931 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.4	113.2
141	68.4	54.4	81.6

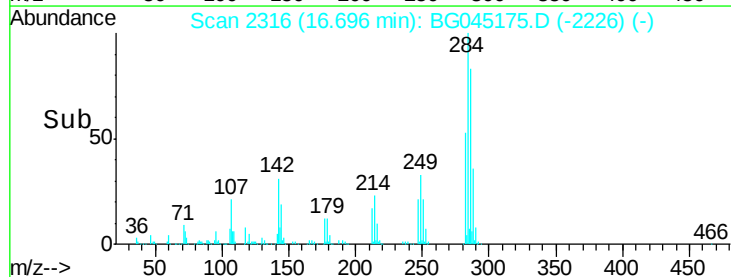
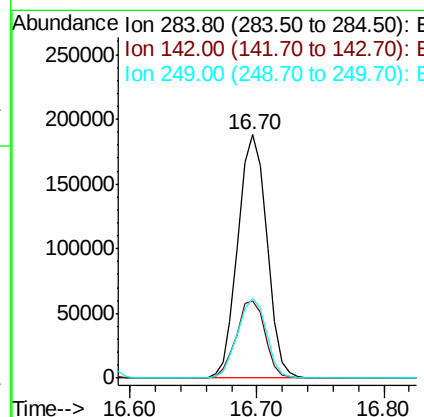
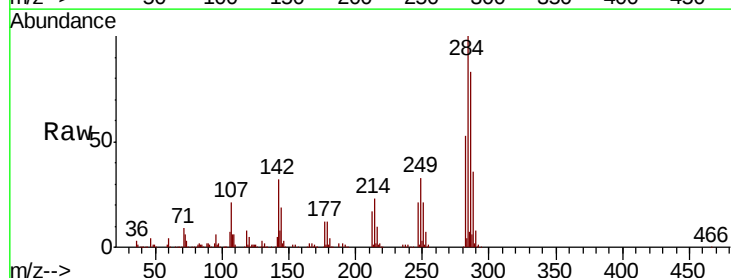
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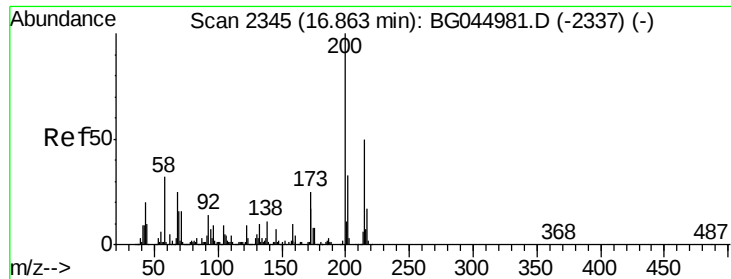
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#68
 Hexachlorobenzene
 Concen: 40.601 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.8	38.6
249	32.8	26.6	39.8





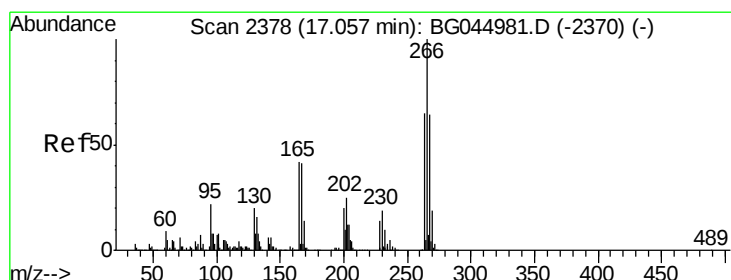
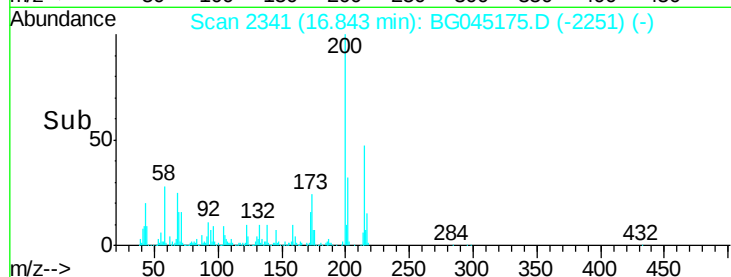
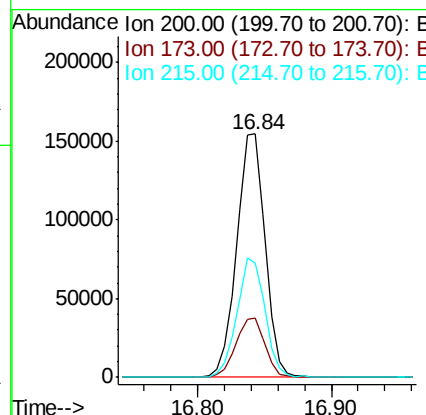
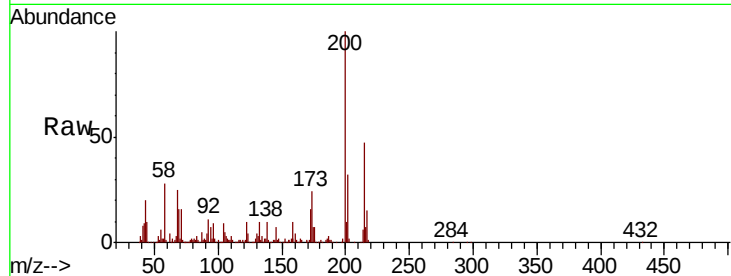
#69
Atrazine
Concen: 39.292 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.5	44.5
215	46.7	30.0	70.0

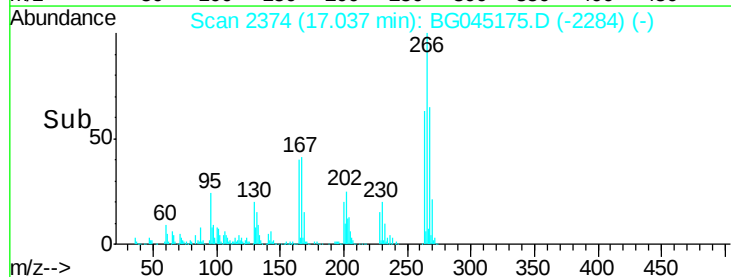
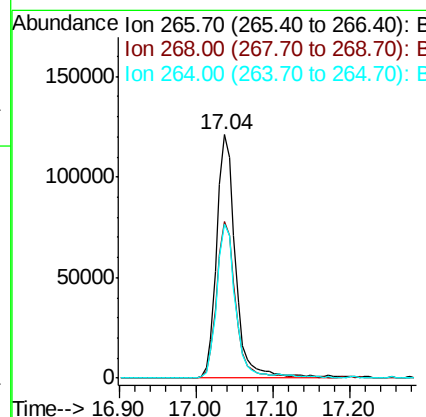
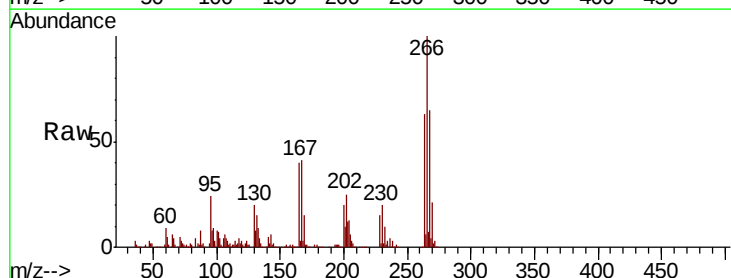
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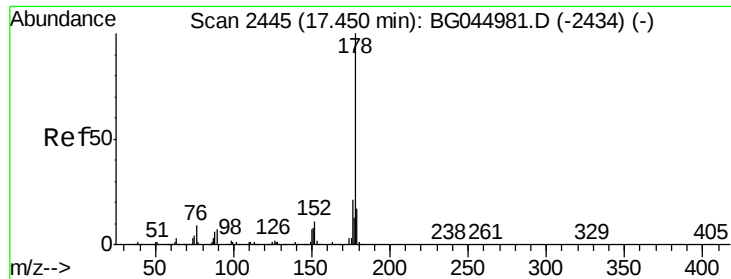
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#70
Pentachlorophenol
Concen: 45.473 ng
RT: 17.04 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.5	77.3
264	63.2	52.2	78.4





#71

Phenanthrene

Concen: 40.097 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1132691

Ion Ratio Lower Upper

178 100

176 20.7 16.8 25.2

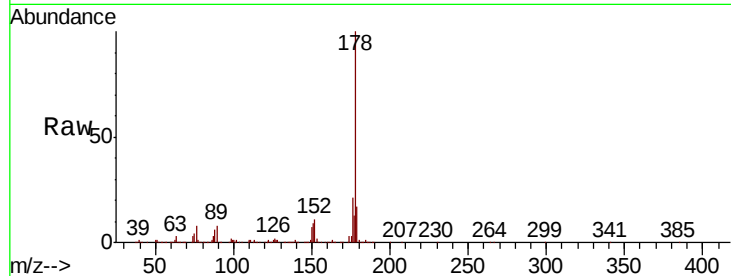
179 16.6 13.2 19.8

Manual Integrations

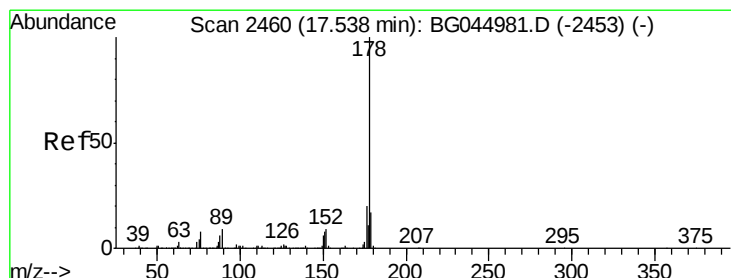
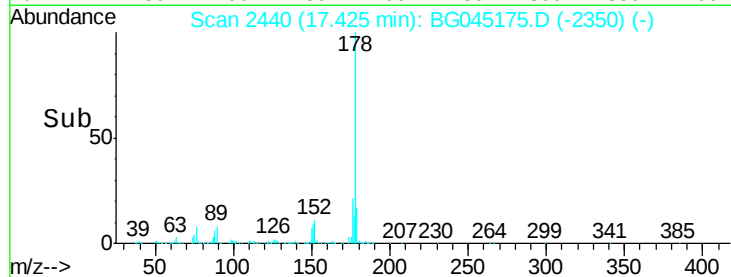
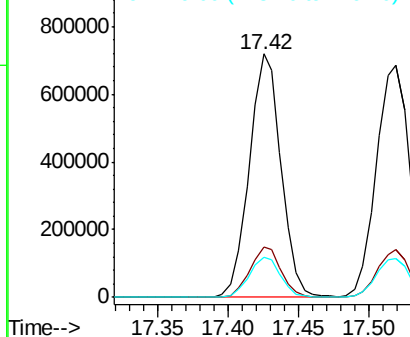
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.127 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

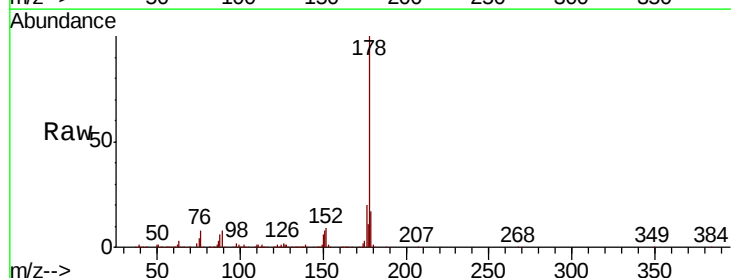
Tgt Ion:178 Resp: 1137064

Ion Ratio Lower Upper

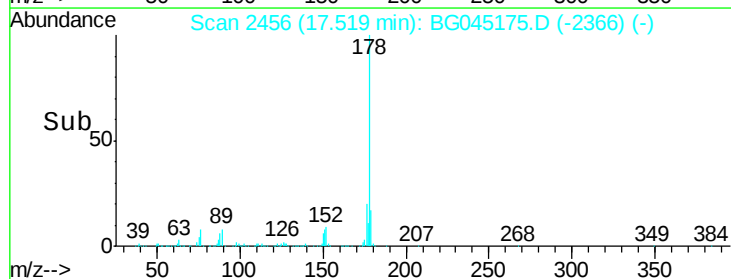
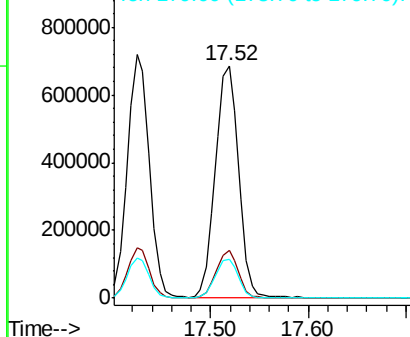
178 100

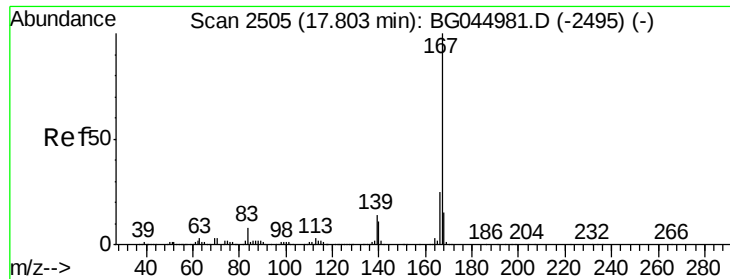
176 20.4 16.0 24.0

179 16.9 13.6 20.4



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





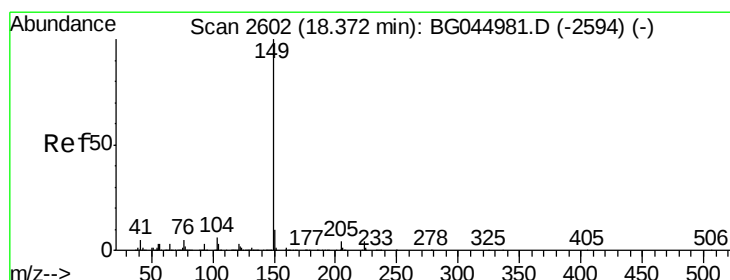
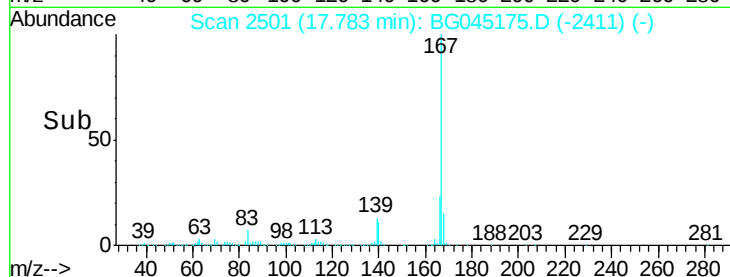
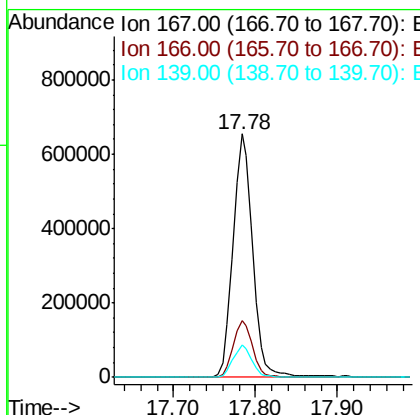
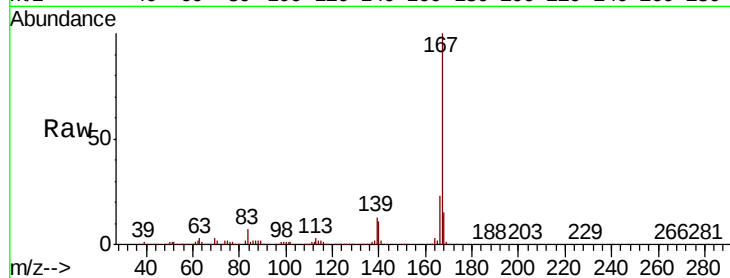
#73
 Carbazole
 Concen: 38.270 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.8	29.6
139	13.2	10.9	16.3

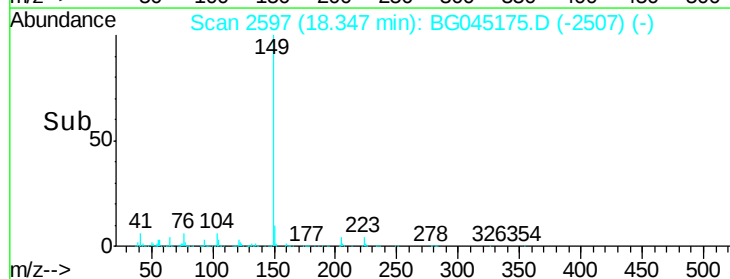
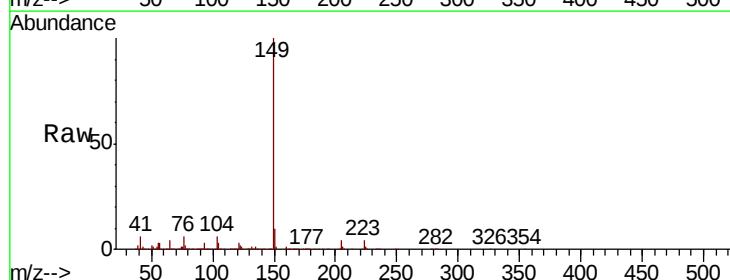
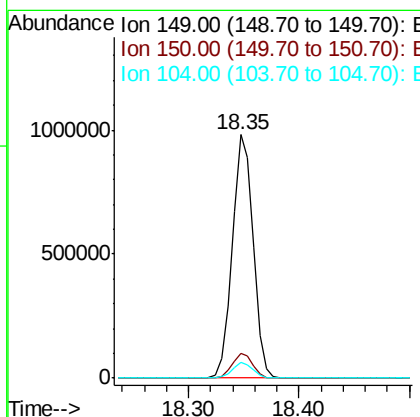
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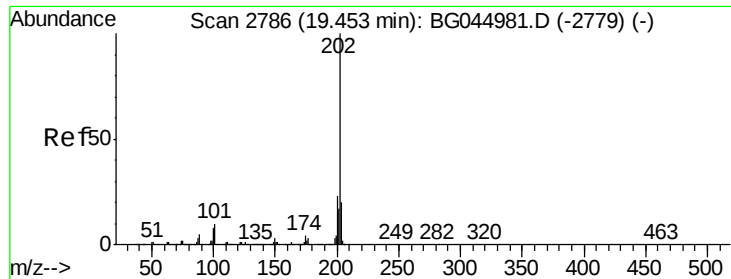
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#74
 Di-n-butylphthalate
 Concen: 41.023 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.4	4.8	7.2





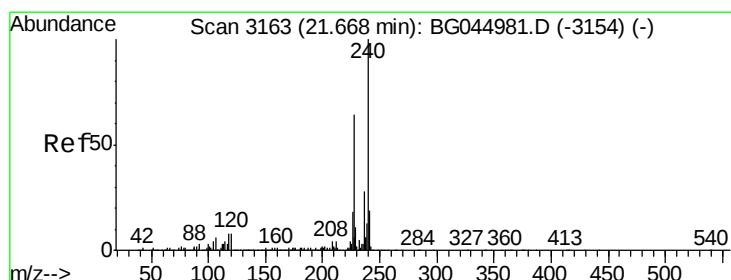
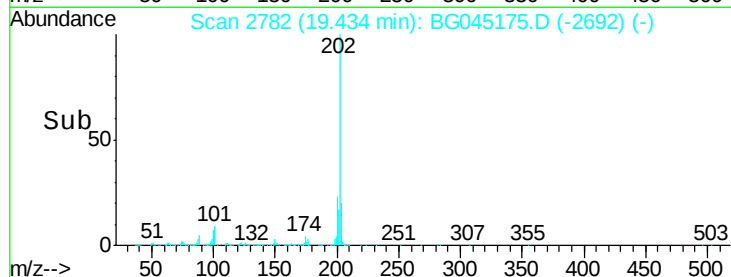
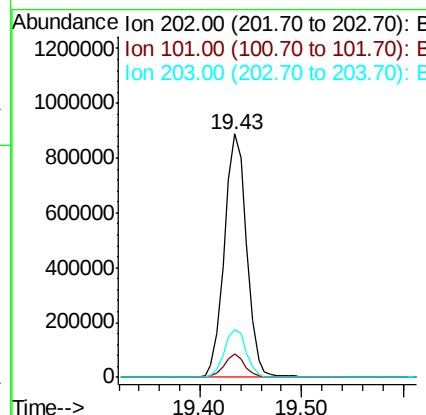
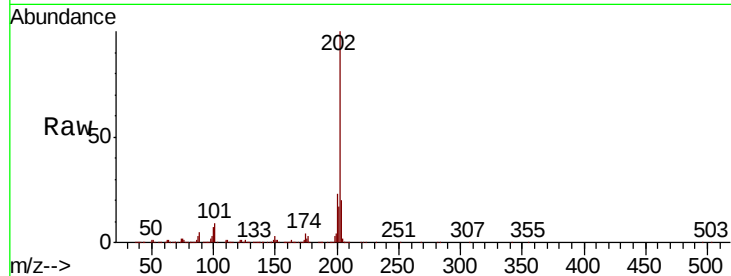
#75
Fluoranthene
Concen: 40.073 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.6
203	19.8	0.0	39.7

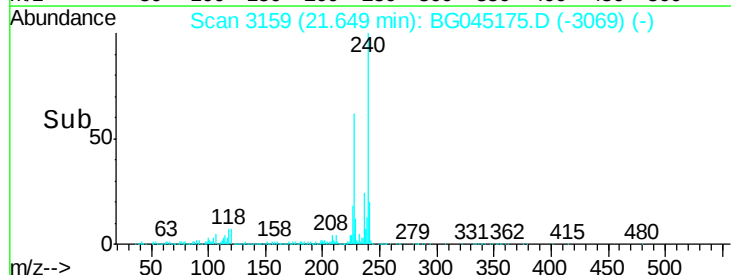
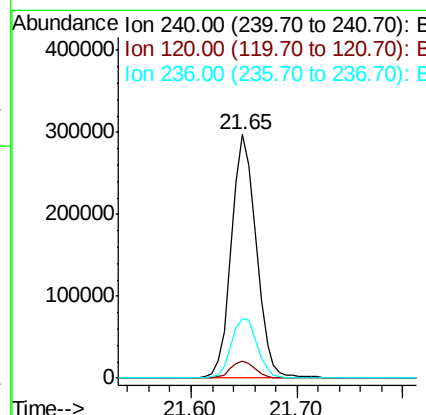
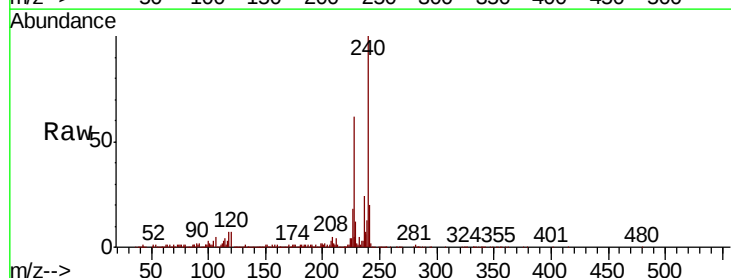
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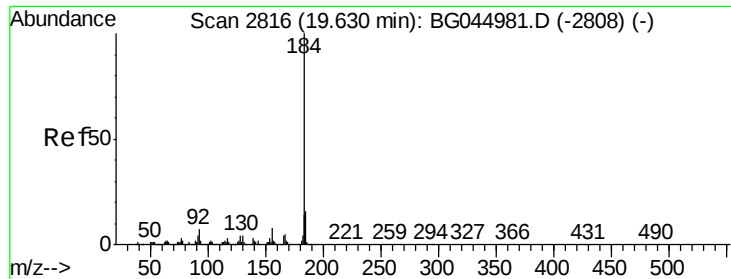
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.6	10.0
236	24.3	22.2	33.2





#77

Benzidine

Concen: 23.544 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

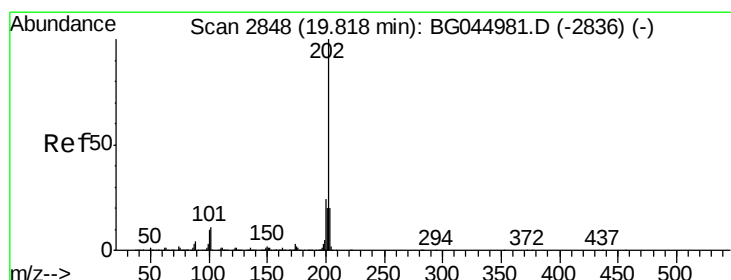
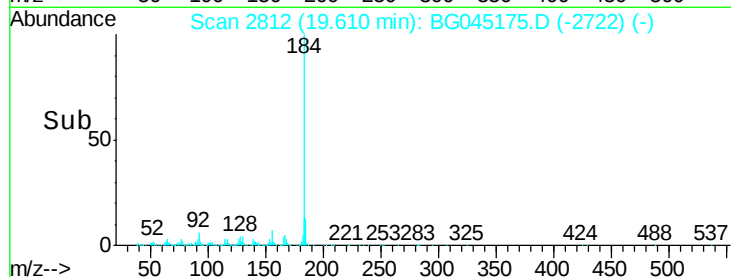
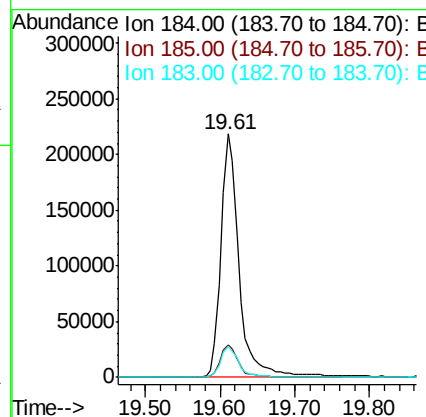
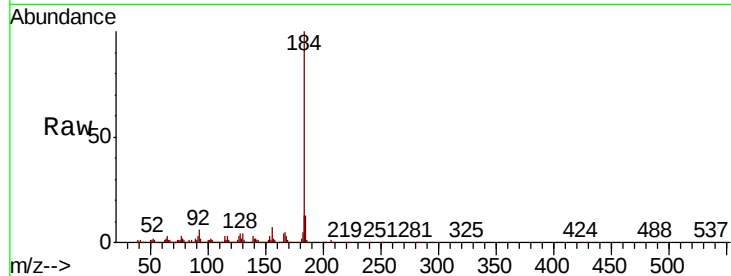
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	369305
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.6	19.0
183	12.6	11.3	16.9

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#78

Pyrene

Concen: 40.612 ng

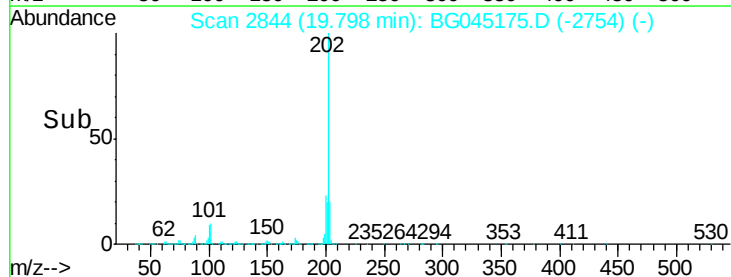
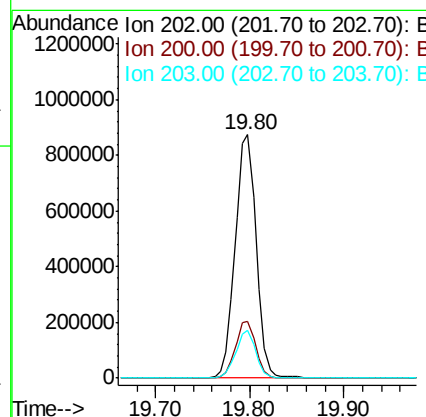
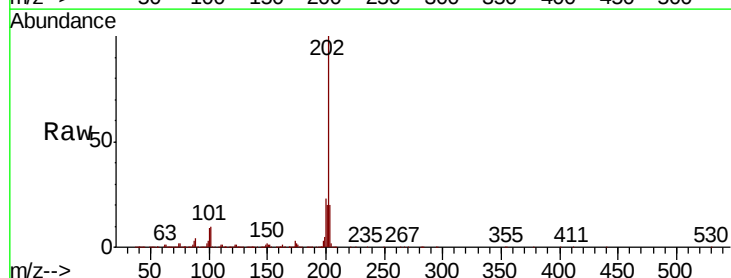
RT: 19.80 min Scan# 2844

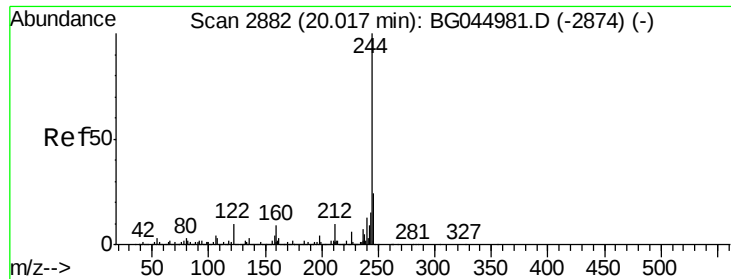
Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	202	Resp:	1353094
Ion Ratio	Lower	Upper	
202	100		
200	23.1	19.0	28.6
203	19.7	16.1	24.1





#79

Terphenyl-d14

Concen: 88.279 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1957418

Ion Ratio Lower Upper

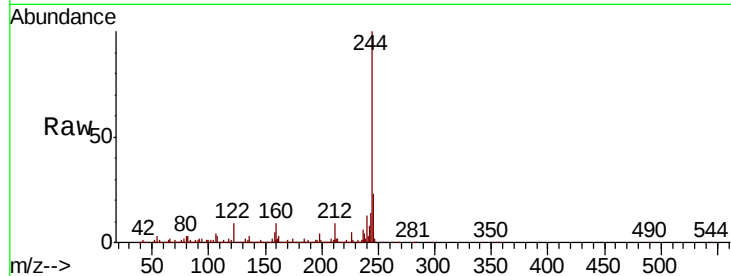
244 100

212 9.4 7.9 11.9

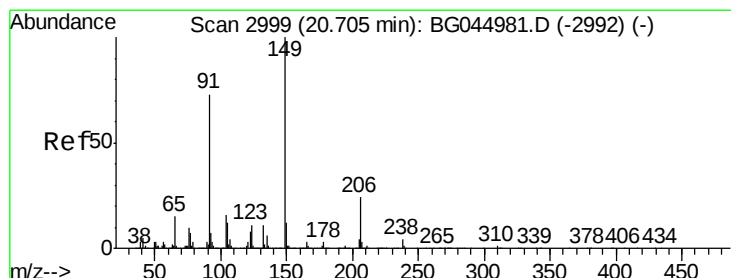
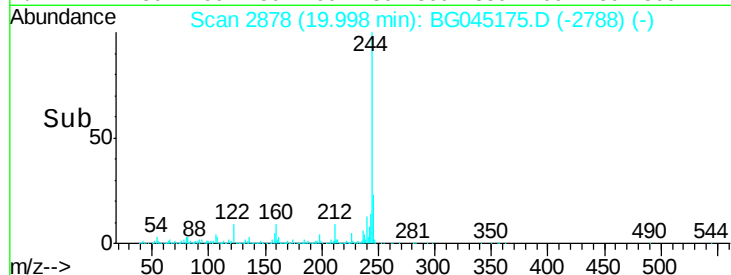
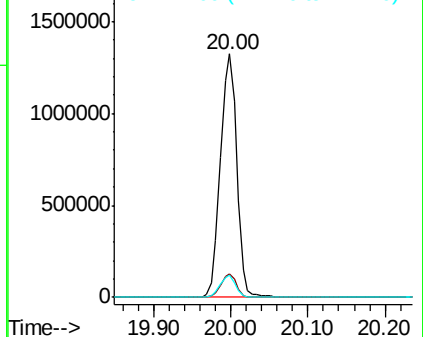
122 9.2 7.7 11.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.987 ng

RT: 20.69 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

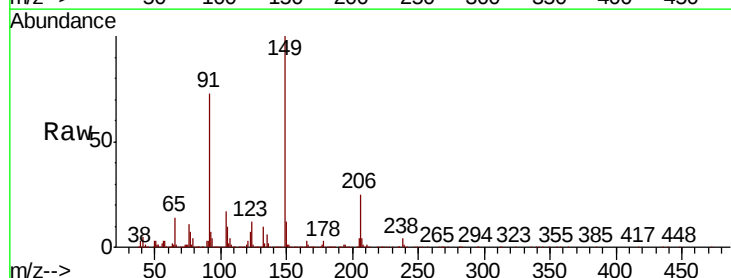
Tgt Ion:149 Resp: 566050

Ion Ratio Lower Upper

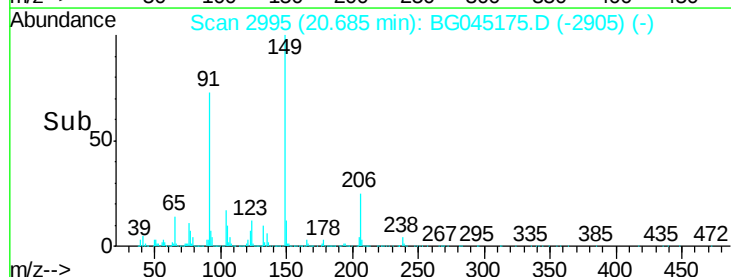
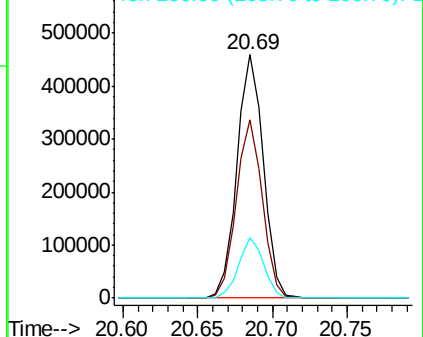
149 100

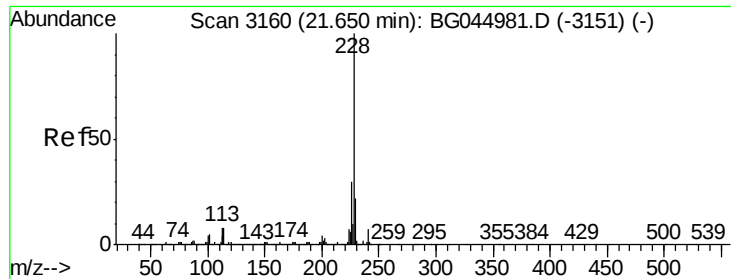
91 73.3 58.5 87.7

206 24.9 19.2 28.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.591 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

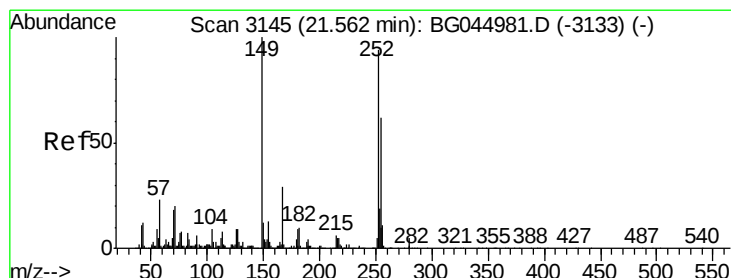
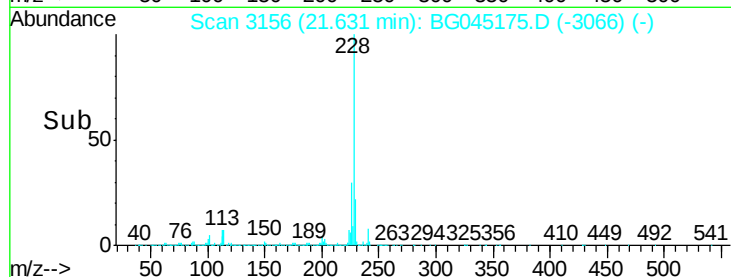
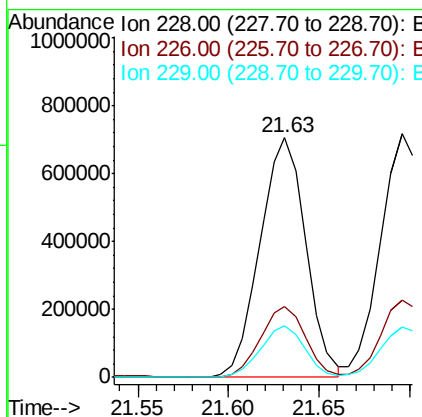
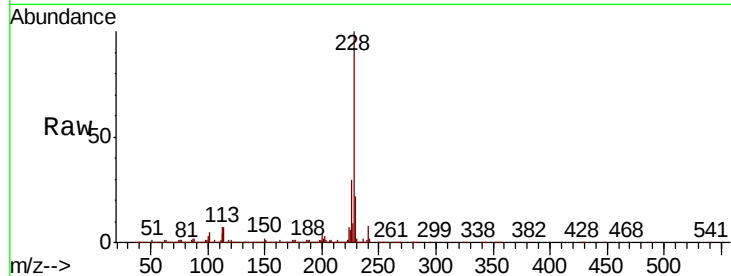
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1240106
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.8	17.5	26.3

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#82

3,3'-Dichlorobenzidine

Concen: 39.818 ng

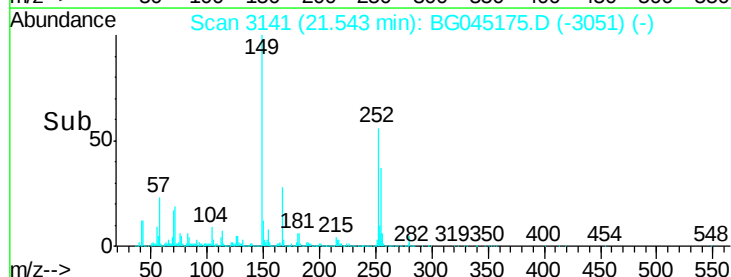
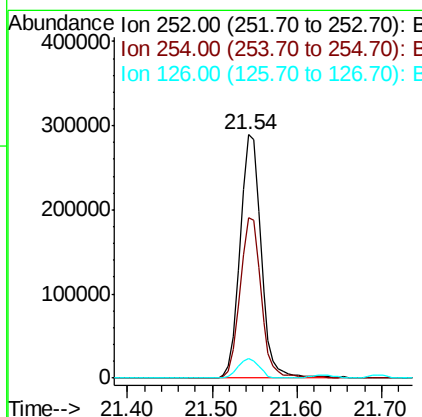
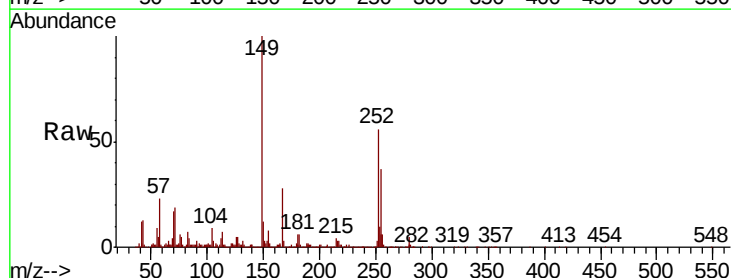
RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Tgt Ion:	252	Resp:	496429
Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.6	79.0
126	8.1	7.5	11.3





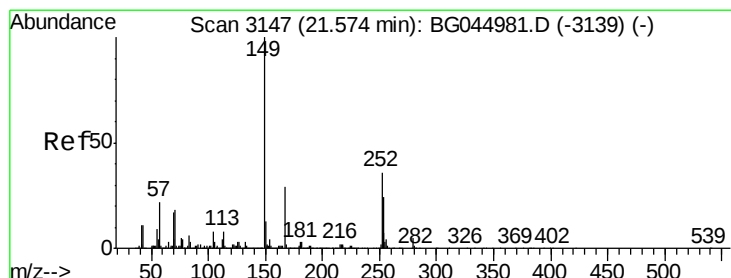
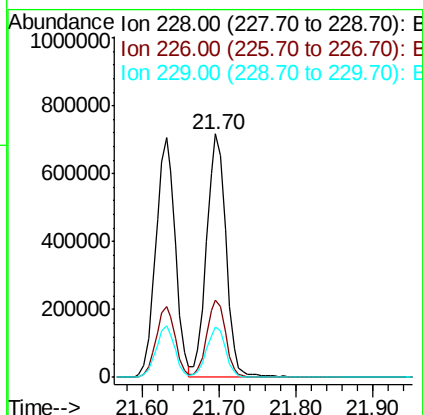
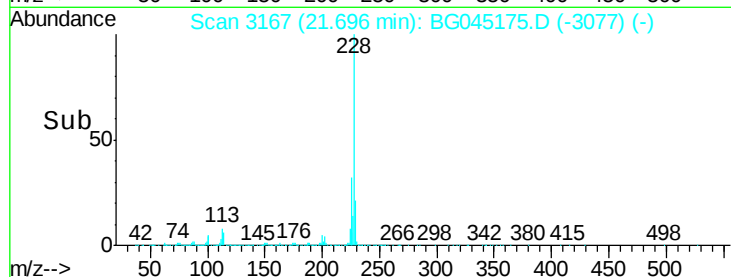
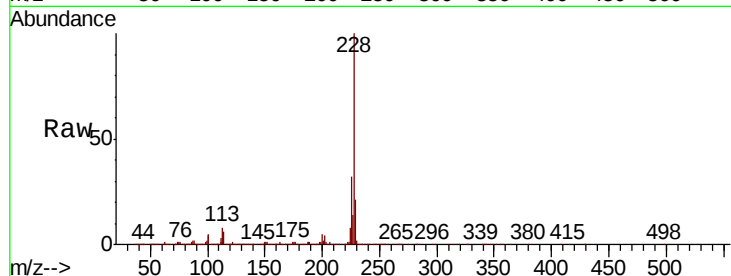
#83
Chrysene
Concen: 41.103 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	20.7	17.0	25.6

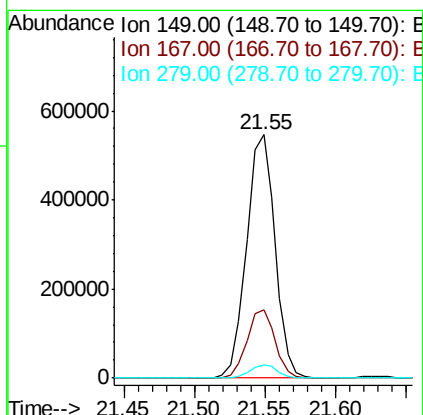
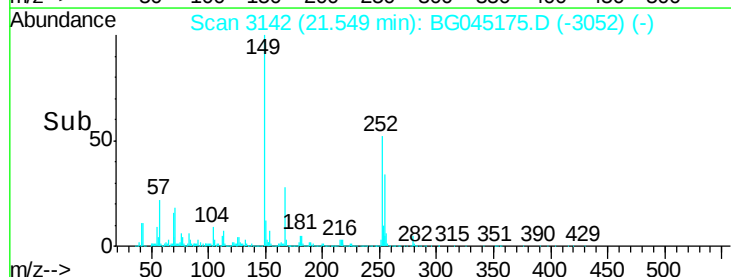
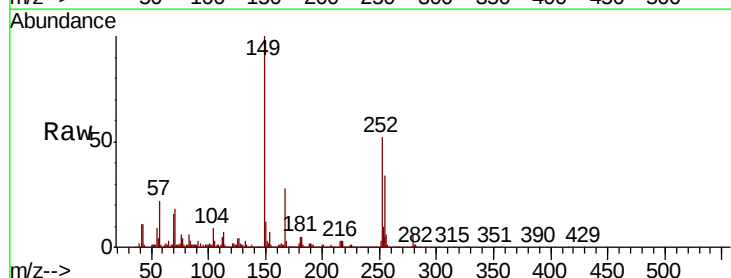
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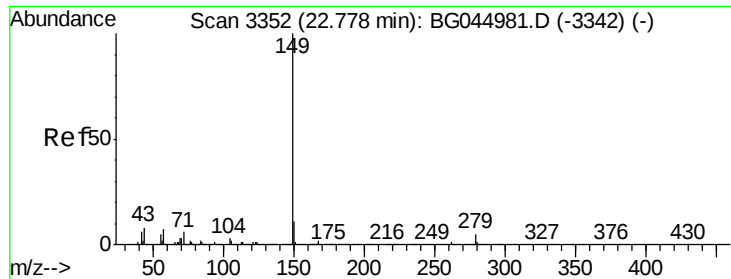
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.688 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.4	35.0
279	5.5	4.3	6.5





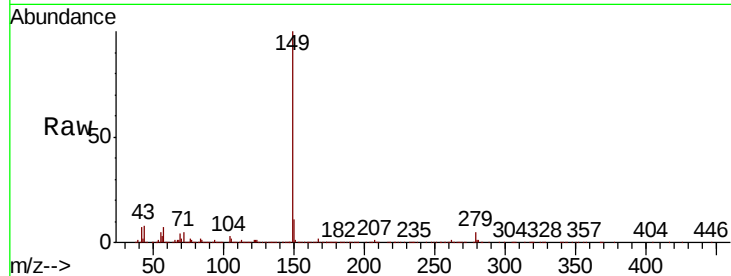
#85
Di-n-octyl phthalate
Concen: 40.213 ng
RT: 22.75 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

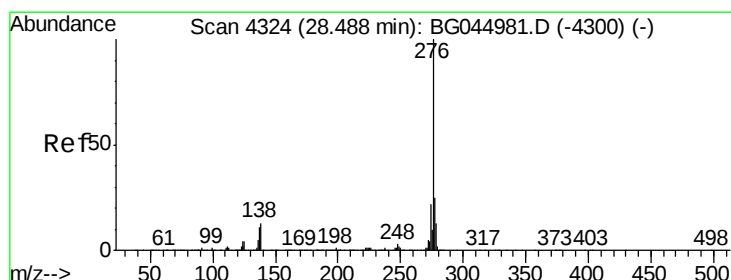
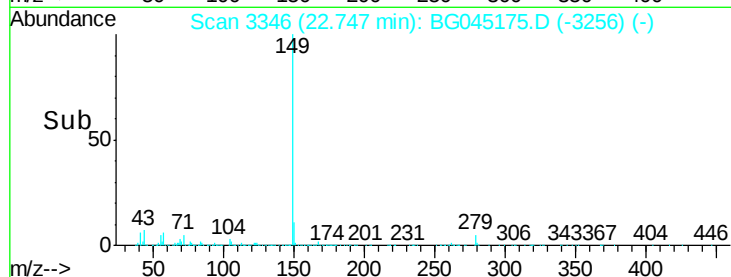
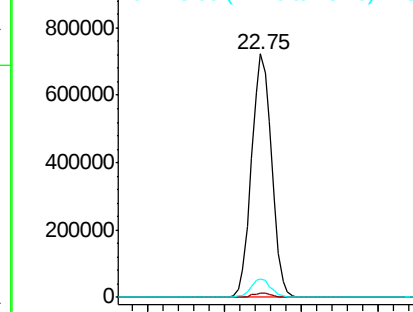
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.7	1.4	2.2	
43	7.5	5.7	8.5	

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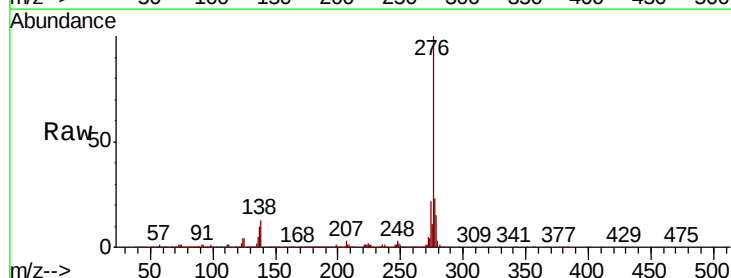


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

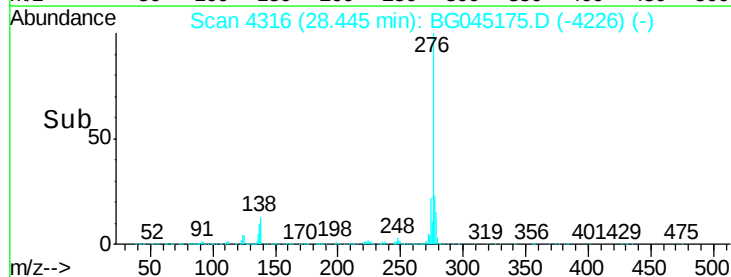
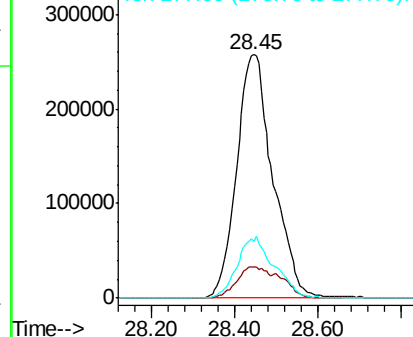


#86
Indeno(1,2,3-cd)pyrene
Concen: 38.946 ng
RT: 28.45 min Scan# 4316
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	11.0	9.6	14.4	
277	25.7	20.6	31.0	



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





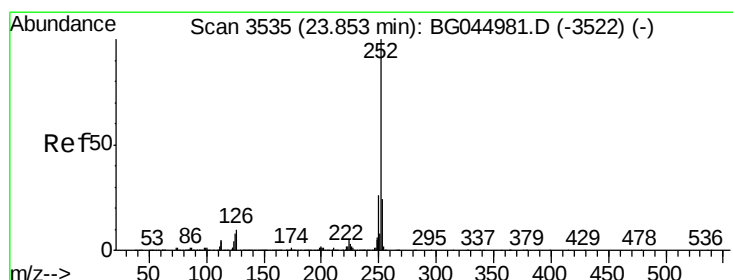
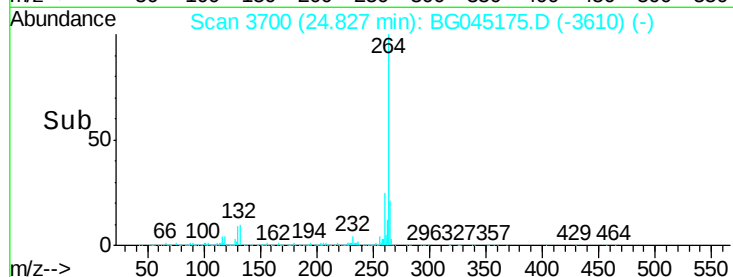
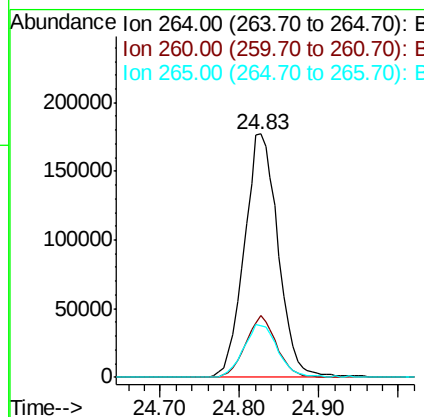
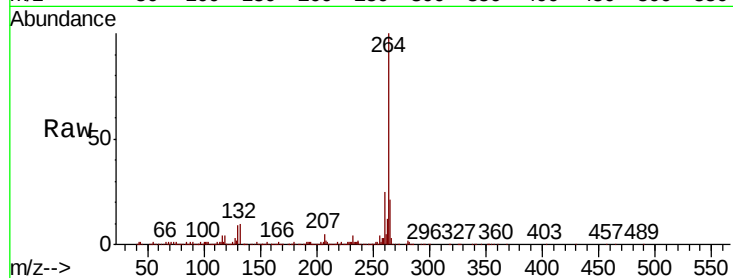
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3700
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.3	19.0	28.4

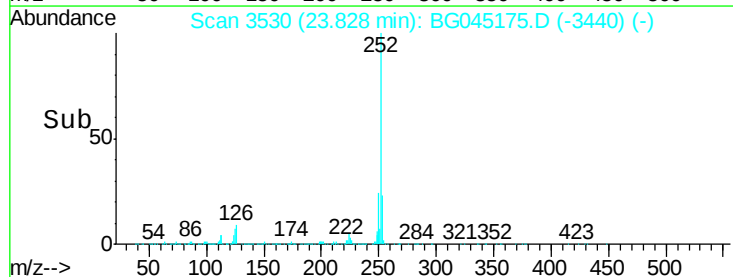
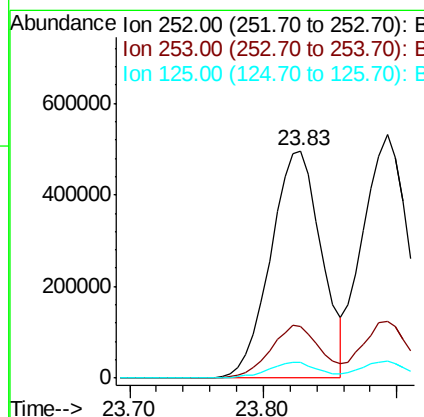
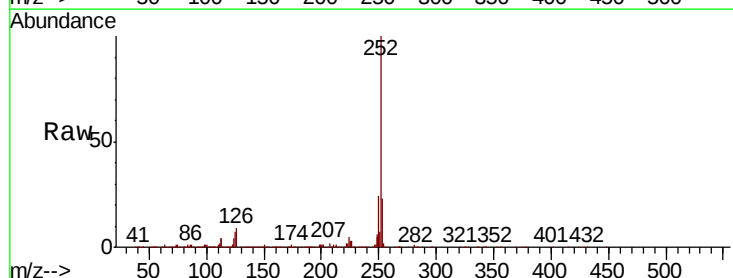
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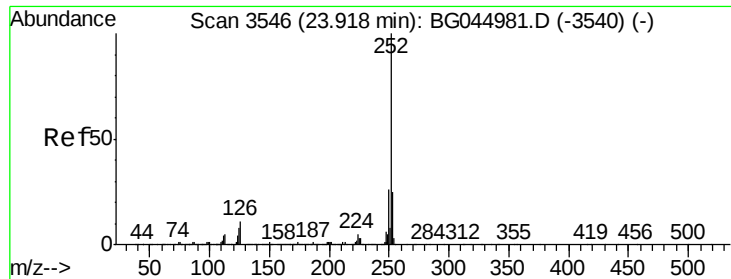
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#88
 Benzo(b)fluoranthene
 Concen: 39.912 ng
 RT: 23.83 min Scan# 3530
 Delta R.T. 0.00 min
 Lab File: BG045175.D
 Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.8	28.2
125	7.1	6.2	9.4





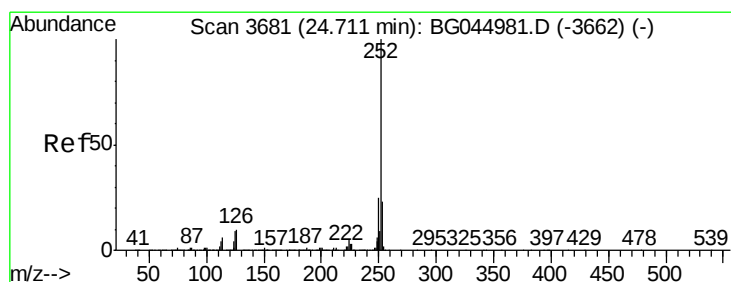
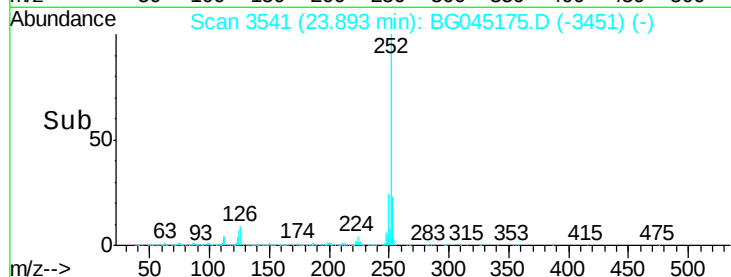
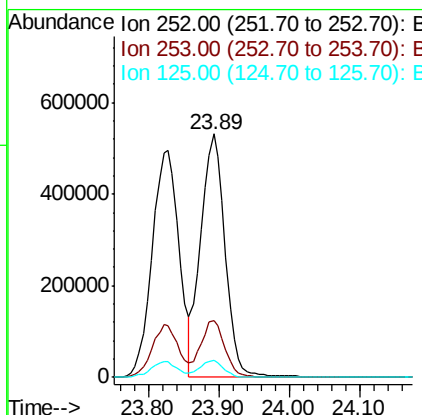
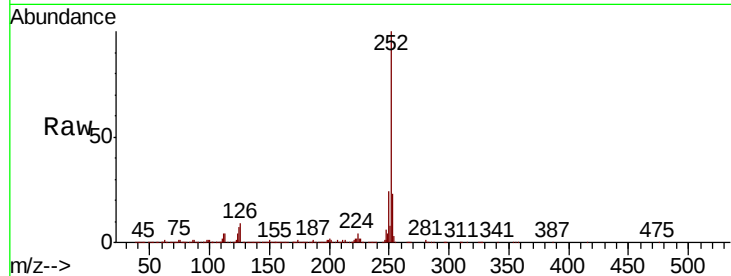
#89
Benzo(k)fluoranthene
Concen: 40.966 ng
RT: 23.89 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	6.9	5.9	8.9

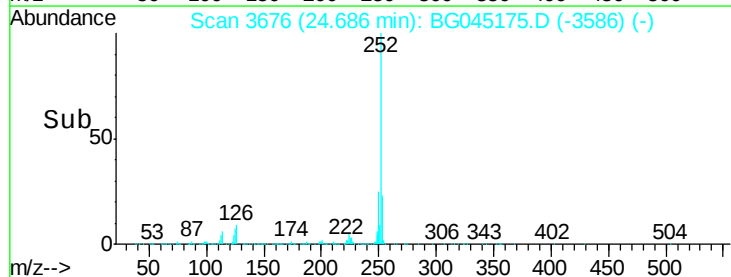
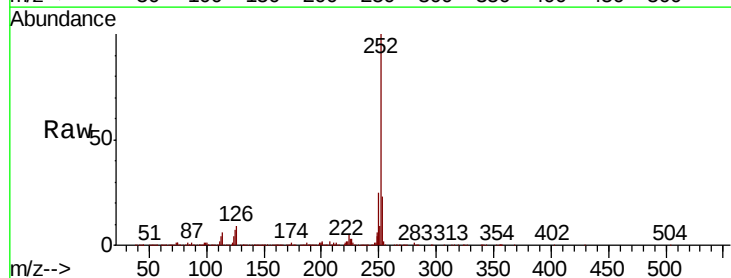
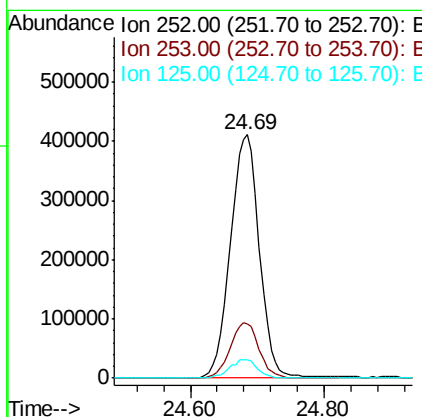
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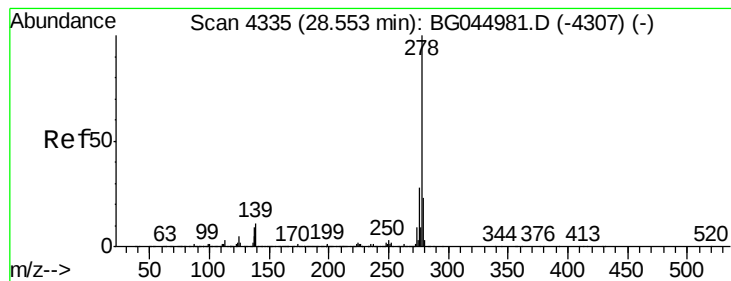
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#90
Benzo(a)pyrene
Concen: 40.065 ng
RT: 24.69 min Scan# 3676
Delta R.T. 0.00 min
Lab File: BG045175.D
Acq: 27 Apr 2020 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	7.4	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 40.817 ng

RT: 28.51 min Scan# 4327

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1274865

Ion Ratio Lower Upper

278 100

139 9.5 9.0 13.6

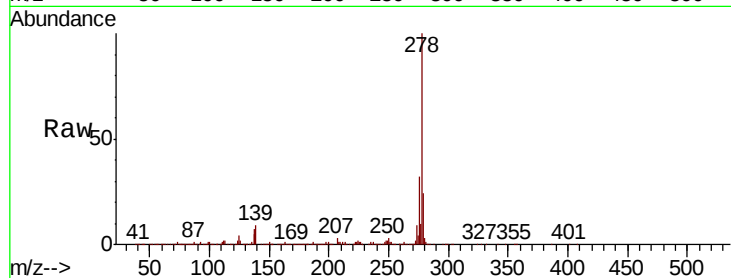
279 24.1 18.4 27.6

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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

28.51

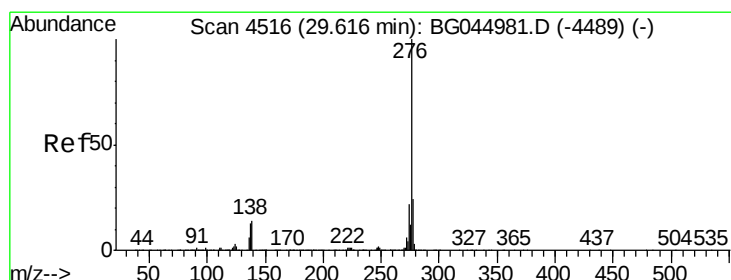
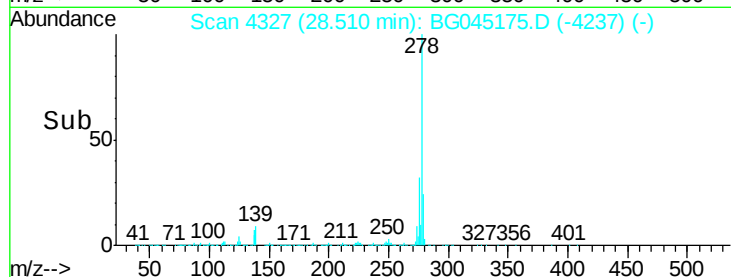
300000

200000

100000

0

Time-->



#92

Benzo(g,h,i)perylene

Concen: 39.911 ng

RT: 29.58 min Scan# 4509

Delta R.T. 0.00 min

Lab File: BG045175.D

Acq: 27 Apr 2020 11:57

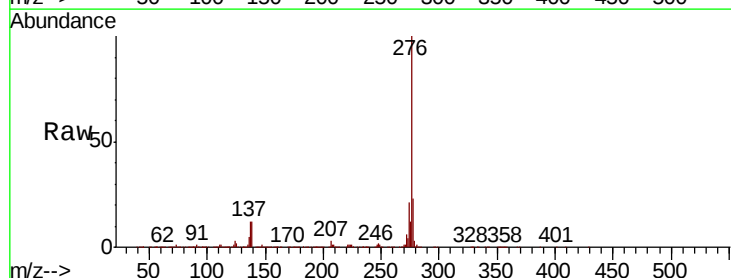
Tgt Ion:276 Resp: 1249769

Ion Ratio Lower Upper

276 100

277 22.7 19.3 28.9

138 12.0 11.4 17.2



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

29.58

300000

200000

100000

0

Time-->

