

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044787.D
 Acq On : 14 Mar 2020 6:50
 Operator : CG/JU
 Sample : L1761-10MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MS

Manual Integrations
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 3/18/2020 8:43:46 AM

Quant Time: Mar 16 02:11:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	106954	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	437950	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	292095	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	627015	20.00	ng	0.00
76) Chrysene-d12	21.70	240	499191	20.00	ng	0.00
87) Perylene-d12	24.92	264	580096	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	860429	125.23	ng	0.00
7) Phenol-d6	7.21	99	1108340	111.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	881163	88.29	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	526100	137.56	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1754344	86.01	ng	0.00
79) Terphenyl-d14	20.04	244	2407252	90.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	110043	33.260	ng	# 23
3) Pyridine	3.94	79	216185	22.072	ng	100
4) n-Nitrosodimethylamine	3.83	42	154371	41.540	ng	99
6) Aniline	7.37	93	240995	19.402	ng	96
8) 2-Chlorophenol	7.62	128	352116	51.339	ng	96
9) Benzaldehyde	7.18	77	277393	48.376	ng	98
10) Phenol	7.24	94	427558	43.262	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	351332	44.543	ng	99
12) 1,3-Dichlorobenzene	7.94	146	322219	38.138	ng	94
13) 1,4-Dichlorobenzene	8.09	146	319686	38.273	ng	98
14) 1,2-Dichlorobenzene	8.41	146	307004	38.754	ng	95
15) Benzyl Alcohol	8.28	79	376344	46.988	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	546543	39.266	ng	98
17) 2-Methylphenol	8.49	107	319142	47.672	ng	95
18) Hexachloroethane	9.15	117	120835	36.745	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	311148	44.143	ng	95
20) 3+4-Methylphenols	8.82	107	431350	46.742	ng	99
22) Acetophenone	8.87	105	549262	44.270	ng	98
24) Nitrobenzene	9.25	77	472018	45.580	ng	97
25) Isophorone	9.78	82	861497	44.228	ng	97
26) 2-Nitrophenol	9.97	139	193556	53.167	ng	97
27) 2,4-Dimethylphenol	10.03	122	337263	53.169	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	488297	42.006	ng	99
29) 2,4-Dichlorophenol	10.51	162	360392	48.642	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	360383	40.680	ng	99
31) Naphthalene	10.91	128	1030530	42.478	ng	99
32) Benzoic acid	10.16	122	180712	38.872	ng	97
33) 4-Chloroaniline	11.01	127	71156	6.510	ng	99
34) Hexachlorobutadiene	11.21	225	228680	39.252	ng	98
35) Caprolactam	11.78	113	95620m	34.087	ng	
36) 4-Chloro-3-methylphenol	12.13	107	417302	47.225	ng	98
37) 2-Methylnaphthalene	12.52	142	788769	43.464	ng	98
38) 1-Methylnaphthalene	12.73	142	749678	43.941	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	434597	45.178	ng	98

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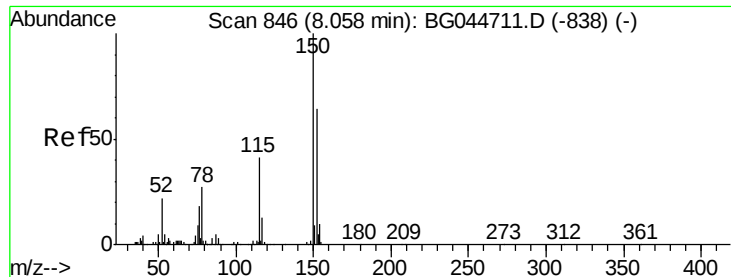
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	207672	39.503	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	319902	50.110	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	334900	50.584	nq	96
46) 1,1'-Biphenyl	13.52	154	1004167	43.020	nq	99
47) 2-Chloronaphthalene	13.56	162	770567	43.214	nq	99
48) 2-Nitroaniline	13.75	65	297220	47.611	nq	94
49) Acenaphthylene	14.41	152	1272249	45.543	nq	100
50) Dimethylphthalate	14.14	163	1083519	46.575	nq	99
51) 2,6-Dinitrotoluene	14.25	165	238218	50.800	nq	96
52) Acenaphthene	14.75	154	804633	43.981	nq	98
53) 3-Nitroaniline	14.58	138	129793	24.075	nq	99
54) 2,4-Dinitrophenol	14.78	184	64717	31.986	nq	92
55) Dibenzofuran	15.08	168	1214124	45.764	nq	99
56) 4-Nitrophenol	14.88	139	352634	85.704	nq	96
57) 2,4-Dinitrotoluene	15.04	165	319452	49.672	nq	89
58) Fluorene	15.73	166	980749	44.939	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	303868m	49.852	nq	
60) Diethylphthalate	15.51	149	1043816	43.019	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	537703	45.757	nq	98
62) 4-Nitroaniline	15.74	138	206149	35.859	nq	98
63) Azobenzene	16.02	77	1102800	43.767	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	56757	23.867	nq	98
66) n-Nitrosodiphenylamine	15.94	169	888269	47.054	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	370450	47.260	nq	96
68) Hexachlorobenzene	16.75	284	399568	46.986	nq	97
69) Atrazine	16.89	200	342565	49.531	nq	98
70) Pentachlorophenol	17.09	266	476063	101.744	nq	99
71) Phenanthrene	17.47	178	1532337	45.732	nq	99
72) Anthracene	17.57	178	1570401	47.531	nq	100
73) Carbazole	17.83	167	1441444	45.419	nq	99
74) Di-n-butylphthalate	18.40	149	1674549	43.405	nq	100
75) Fluoranthene	19.48	202	1756116	44.018	nq	99
77) Benzidine	19.65	184	599048	36.965	nq	98
78) Pyrene	19.84	202	1753405	47.876	nq	98
80) Butylbenzylphthalate	20.73	149	758590	46.559	nq	99
81) Benzo(a)anthracene	21.69	228	1674397	46.582	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	474241	34.103	nq	99
83) Chrysene	21.75	228	1581777	46.068	nq	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	1034728	46.015	nq	100
85) Di-n-octyl phthalate	22.83	149	1763334	46.861	nq	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	1950632	43.333	nq	98
88) Benzo(b)fluoranthene	23.91	252	1733867	45.275	nq	98
89) Benzo(k)fluoranthene	23.98	252	1706307	47.081	nq	98
90) Benzo(a)pyrene	24.78	252	1607687	44.864	nq	99
91) Dibenzo(a,h)anthracene	28.66	278	1605525	45.415	nq	99
92) Benzo(g,h,i)perylene	29.72	276	1513493	42.374	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

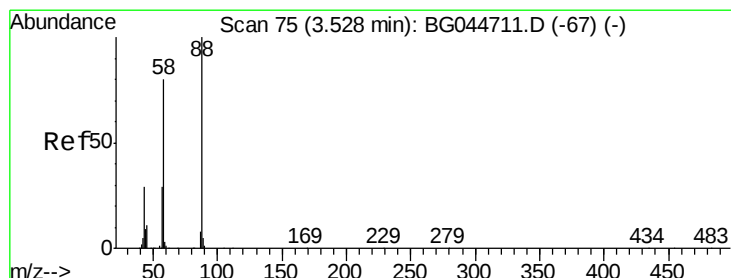
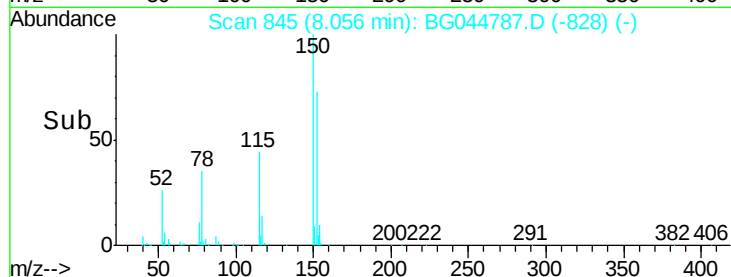
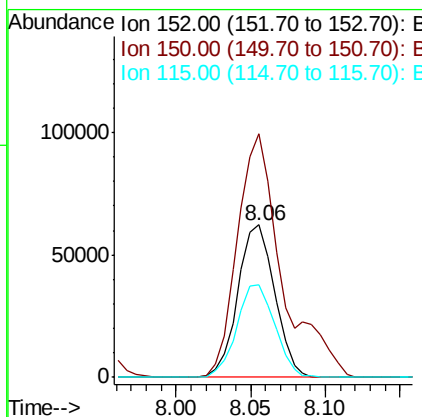
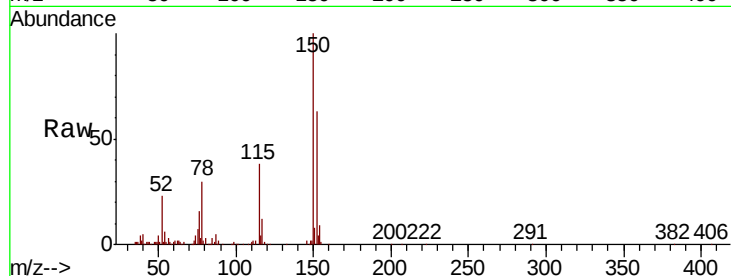
ClientSampleId :

SU-01-031220MS

Tot Ion:	152	Resp:	106954
Ion Ratio	Lower	Upper	
152	100		
150	159.5	125.3	187.9
115	60.8	51.7	77.5

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#2

1,4-Dioxane

Concen: 33.260 ng

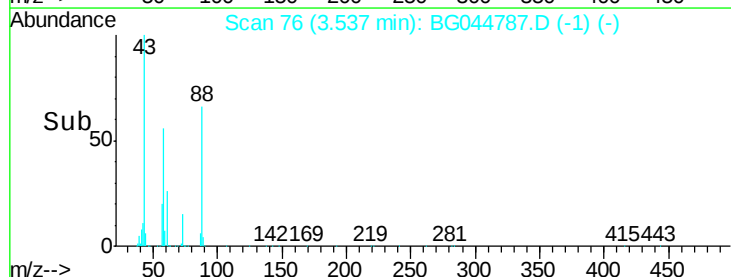
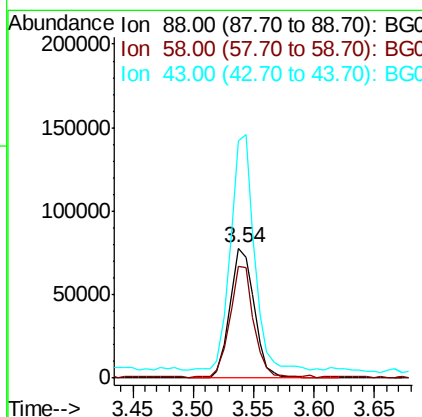
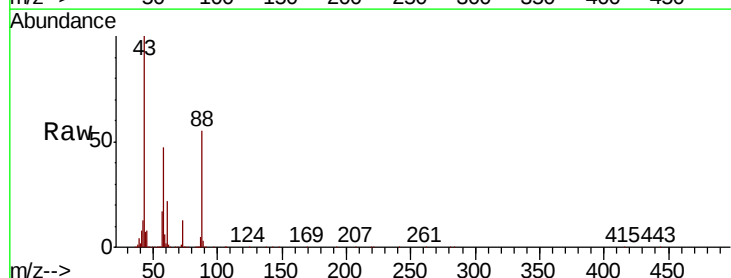
RT: 3.54 min Scan# 76

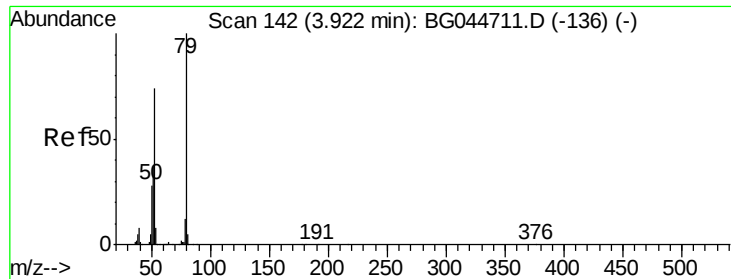
Delta R.T. 0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	88	Resp:	110043
Ion Ratio	Lower	Upper	
88	100		
58	83.2	63.0	94.4
43	173.9	23.2	34.8#





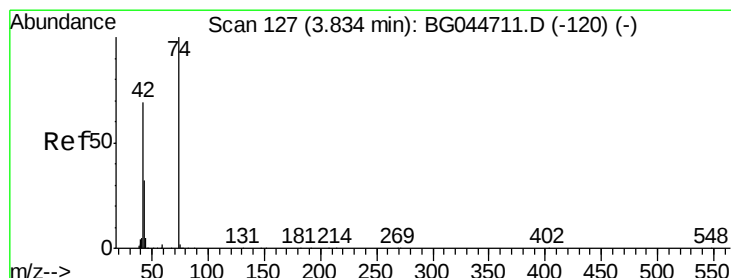
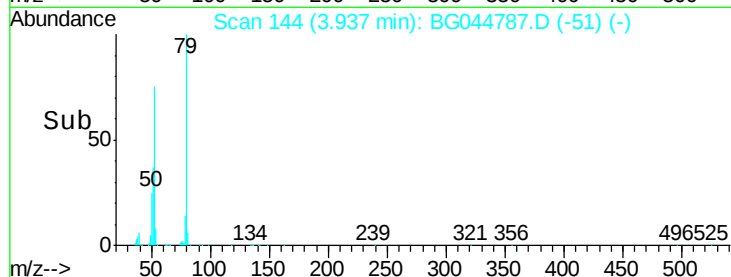
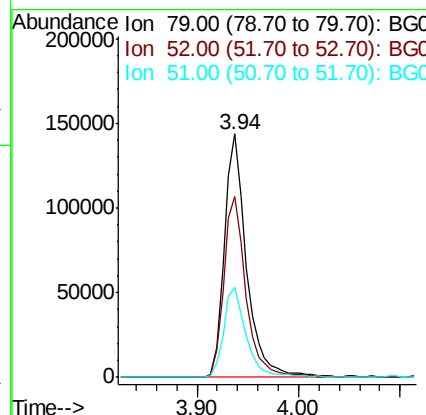
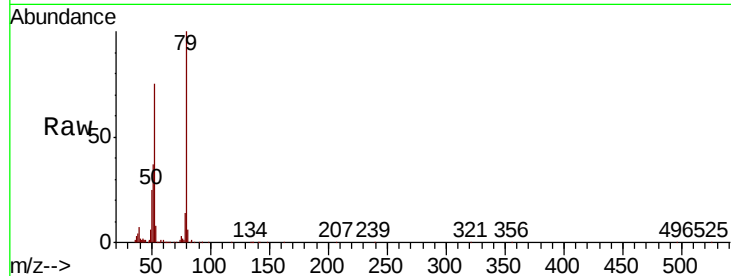
#3
 Pvridine
 Concen: 22.072 ng
 RT: 3.94 min Scan# 144
 Delta R.T. 0.01 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.5	59.4	89.2
51	37.2	29.7	44.5

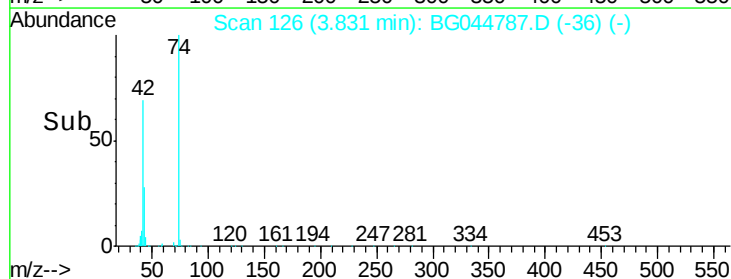
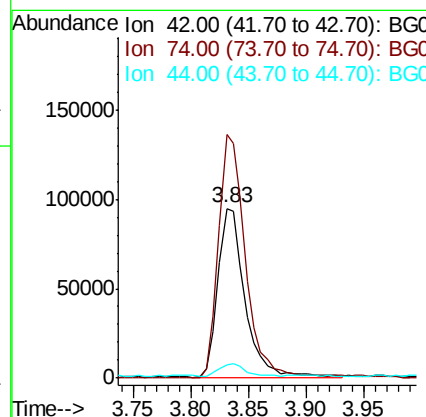
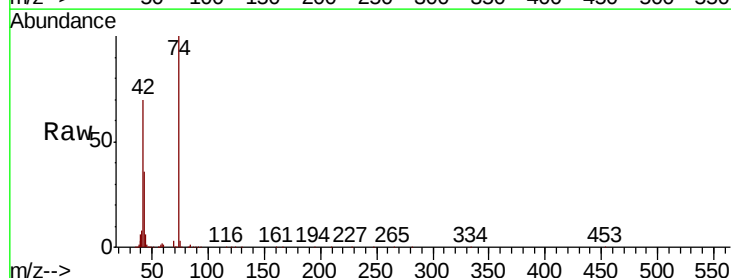
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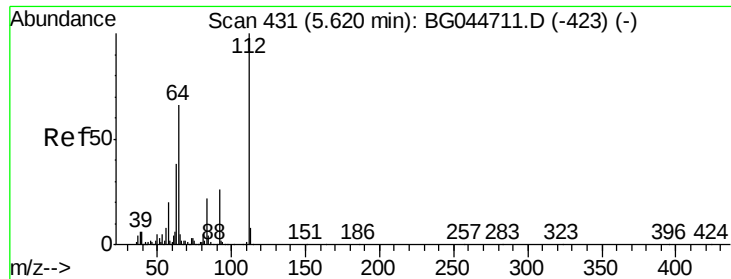
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#4
 n-Nitrosodimethylamine
 Concen: 41.540 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.3	116.1	174.1
44	8.1	7.1	10.7





#5

2-Fluorophenol

Concen: 125.234 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

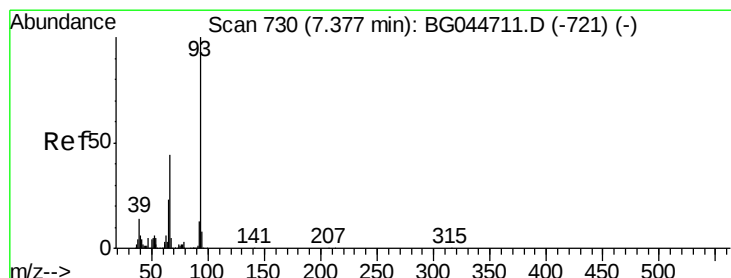
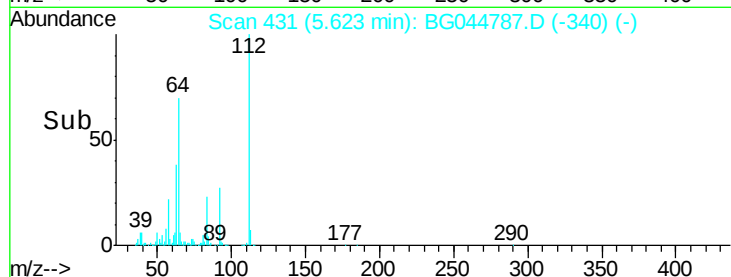
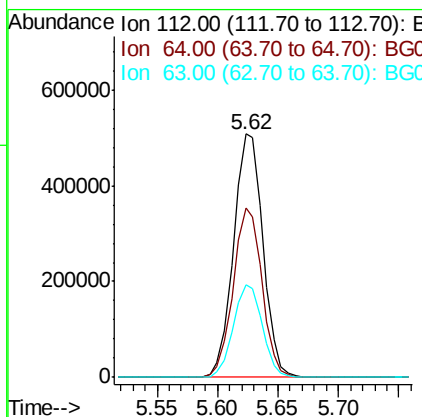
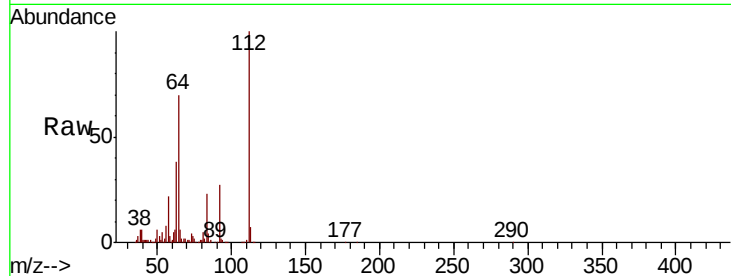
ClientSampleId :

SU-01-031220MS

Tot Ion:	112	Resp:	860429
Ion Ratio	Lower	Upper	
112	100		
64	69.7	52.6	78.8
63	38.1	30.2	45.4

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#6

Aniline

Concen: 19.402 ng

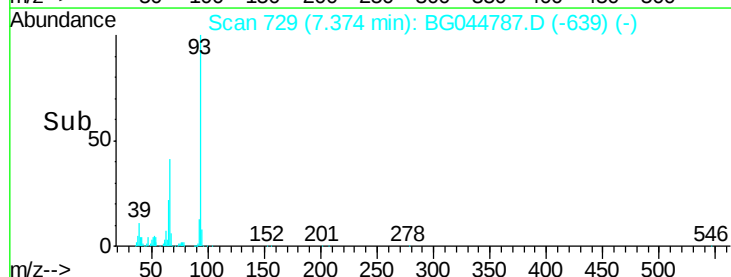
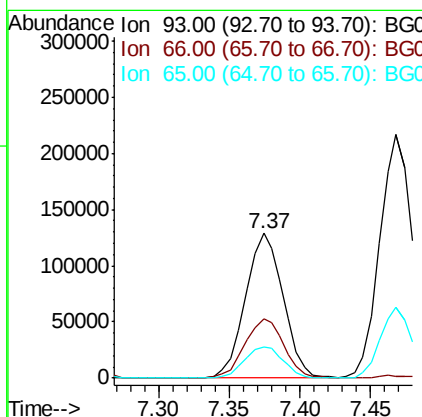
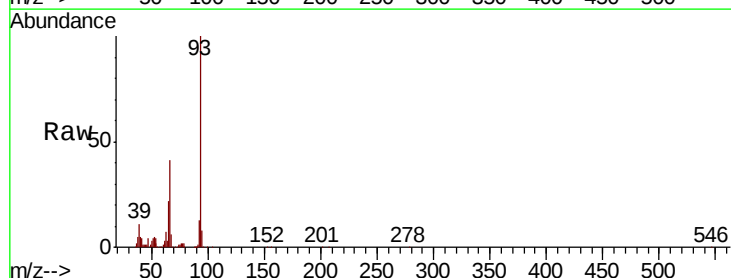
RT: 7.37 min Scan# 729

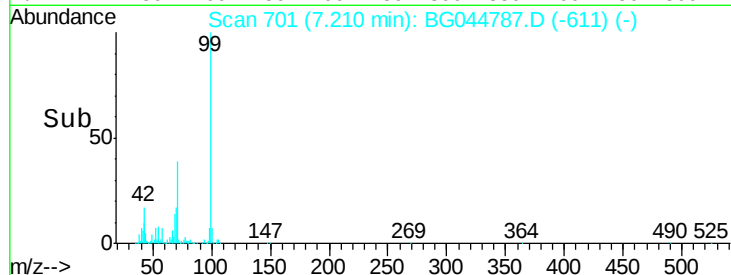
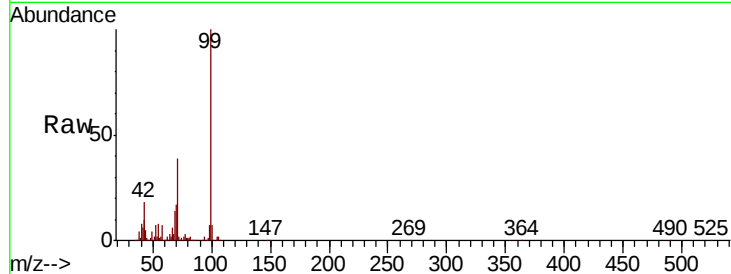
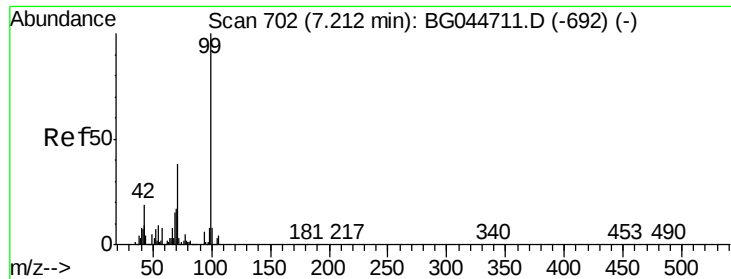
Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	93	Resp:	240995
Ion Ratio	Lower	Upper	
93	100		
66	40.8	35.3	52.9
65	21.9	18.2	27.4





#7

Phenol-d6

Concen: 111.028 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tot Ion: 99 Resp: 1108340

Ion Ratio Lower Upper

99 100

42 17.6 15.4 23.0

71 39.1 30.2 45.4

Instrument :

BNA_G

ClientSampleId :

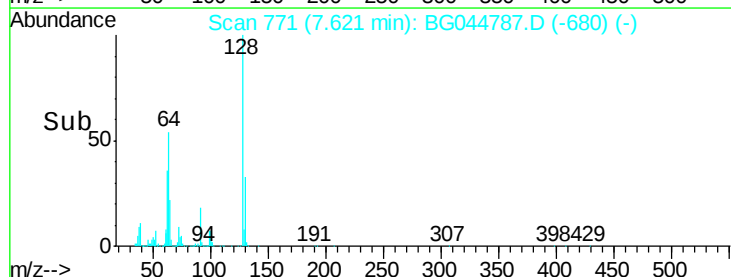
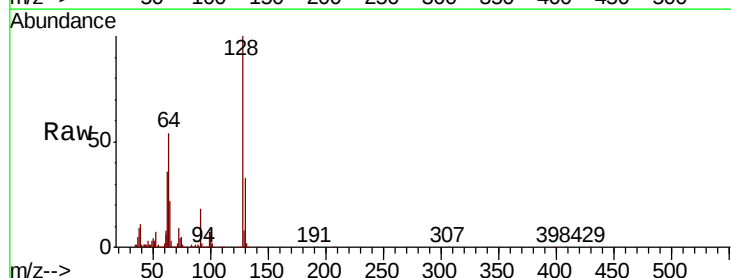
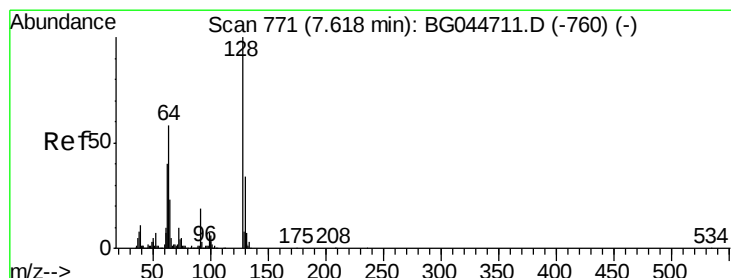
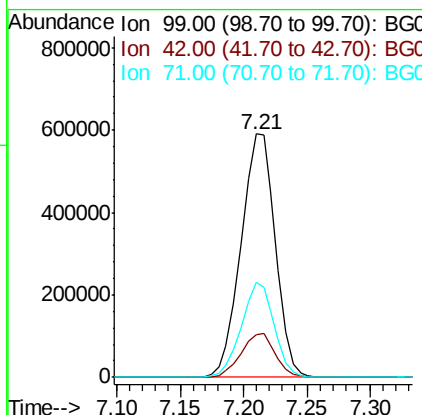
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#8

2-Chlorophenol

Concen: 51.339 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

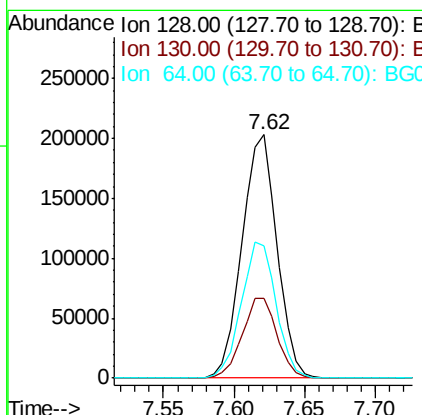
Tgt Ion:128 Resp: 352116

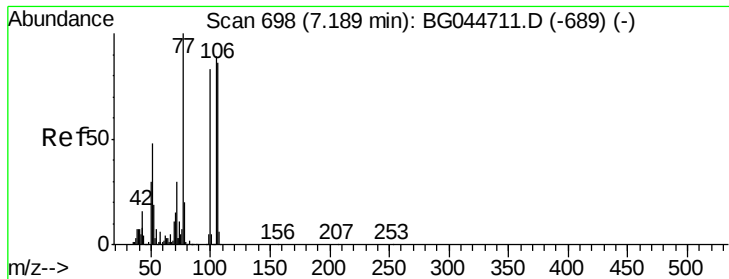
Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

64 54.2 38.6 78.6





#9

Benzaldehyde

Concen: 48.376 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

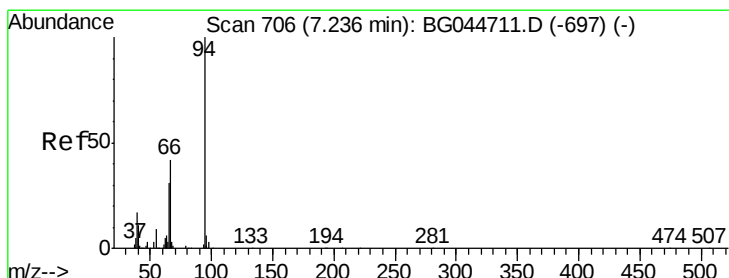
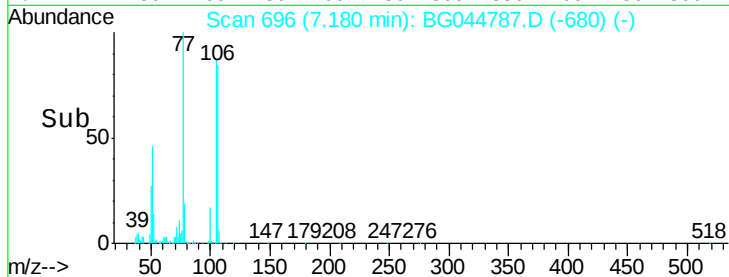
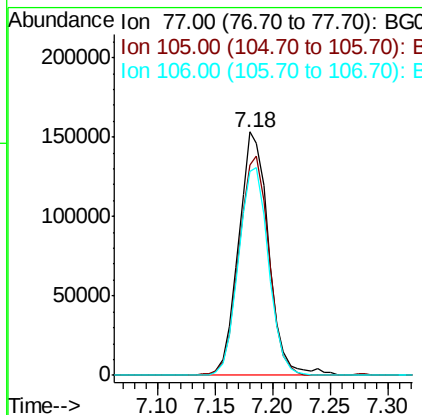
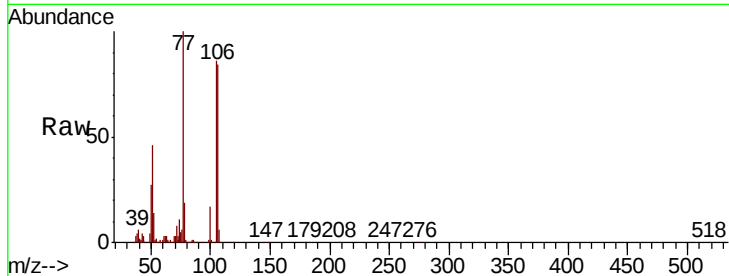
ClientSampleId :

SU-01-031220MS

Tot Ion:	77	Resp:	277393
Ion Ratio	Lower	Upper	
77	100		
105	86.5	68.6	108.6
106	83.7	65.9	105.9

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#10

Phenol

Concen: 43.262 ng

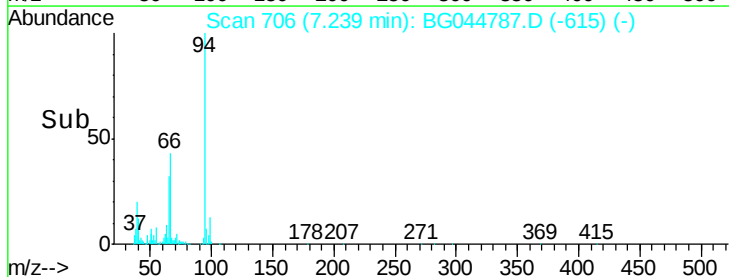
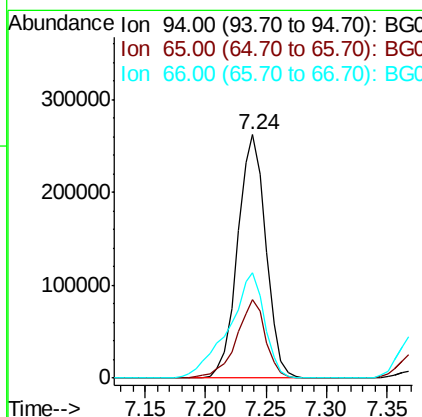
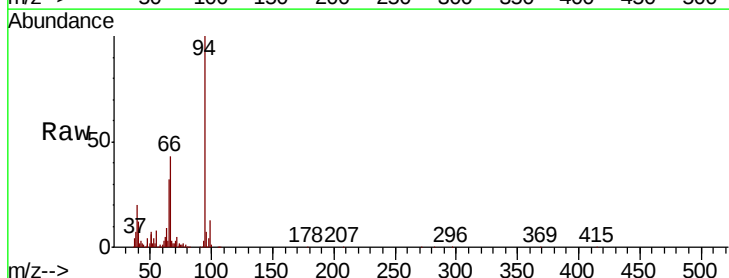
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	94	Resp:	427558
Ion Ratio	Lower	Upper	
94	100		
65	32.1	11.3	51.3
66	43.2	22.9	62.9





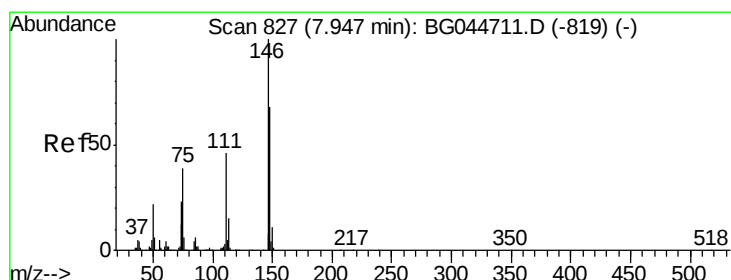
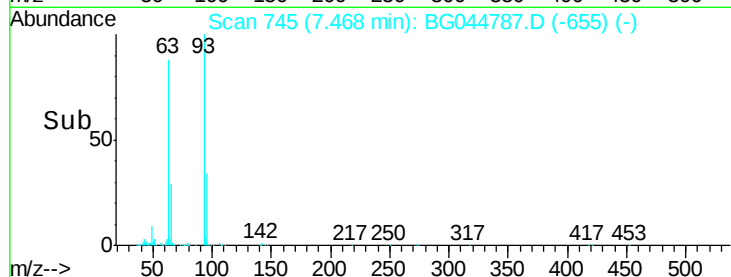
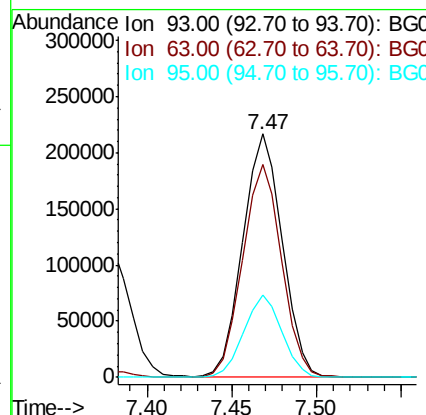
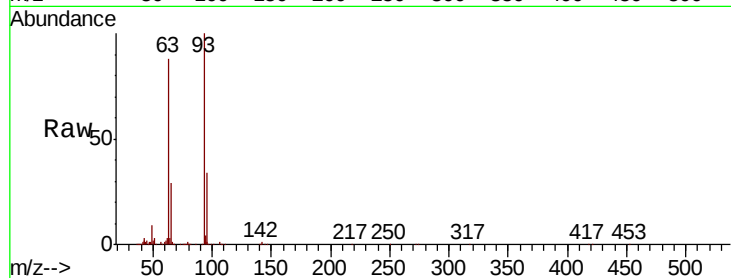
#11
bis(2-Chloroethyl)ether
Concen: 44.543 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	87.7	68.1	108.1	
95	33.8	12.4	52.4	

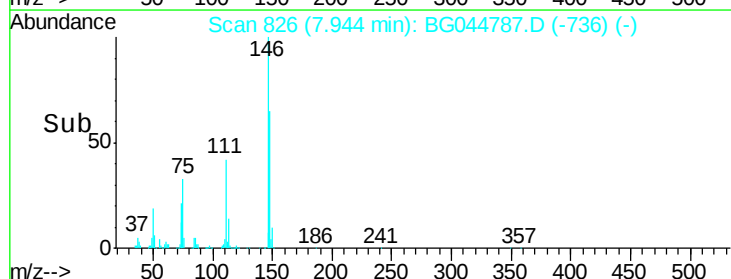
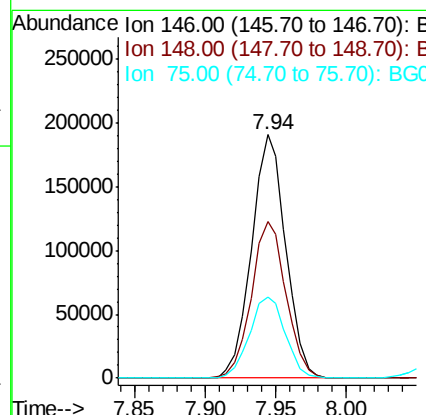
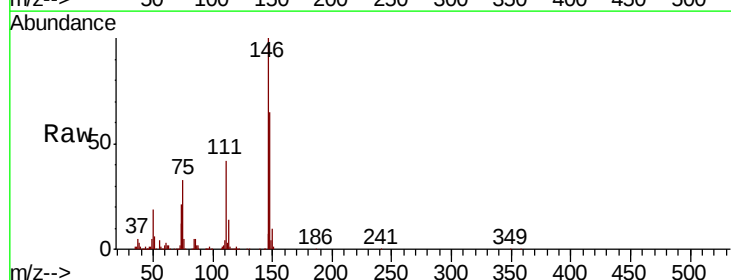
Manual Integrations
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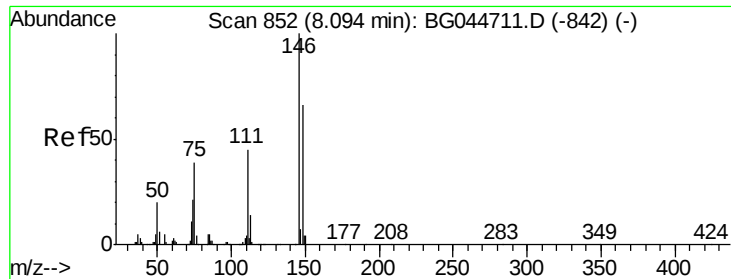
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.138 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	54.2	81.2	
75	33.4	31.3	46.9	





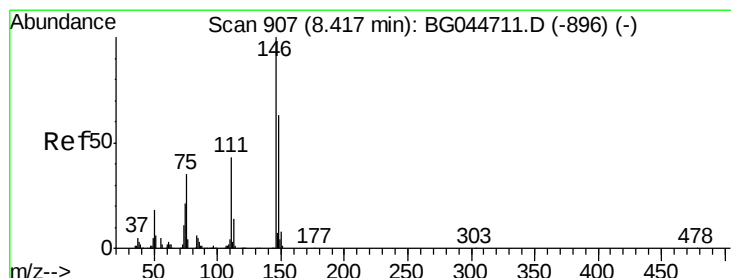
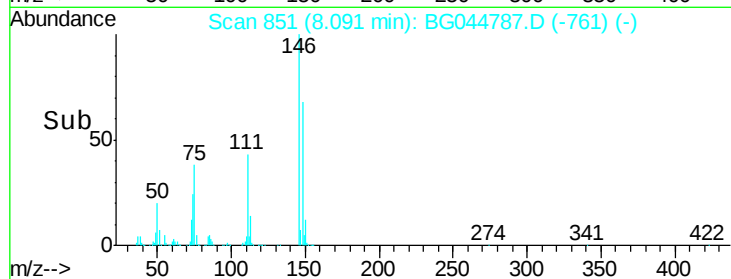
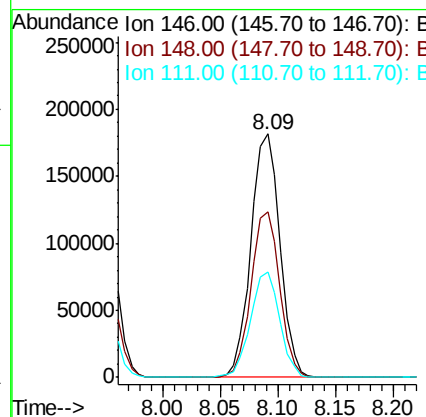
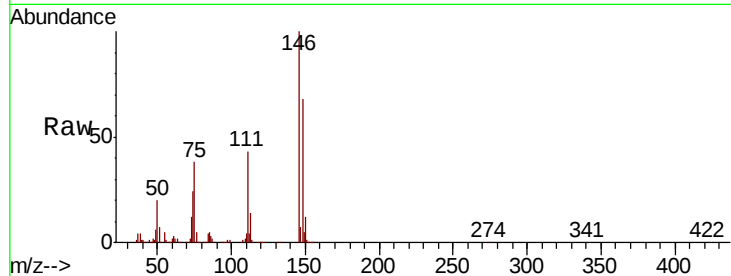
#13
 1,4-Dichlorobenzene
 Concen: 38.273 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.7	52.9	79.3
111	43.1	35.6	53.4

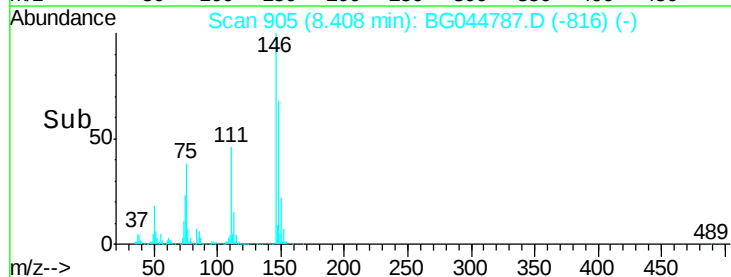
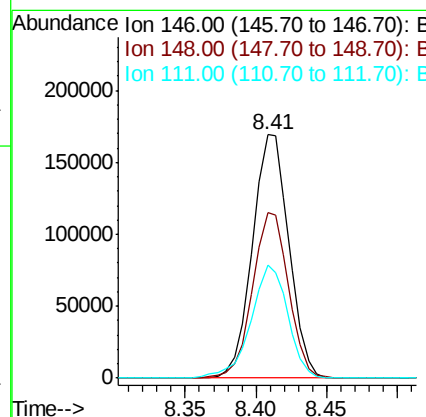
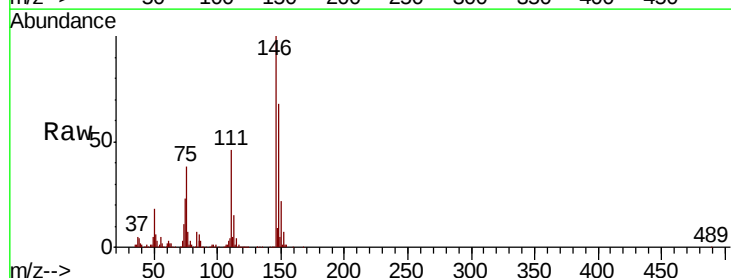
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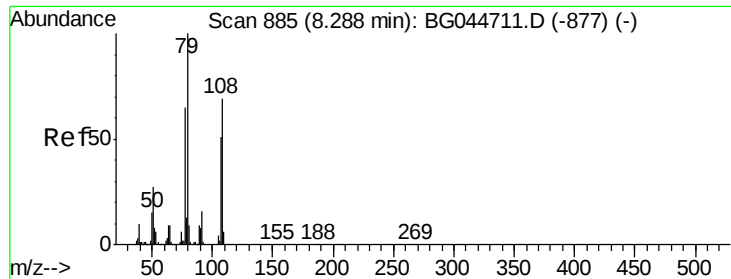
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.754 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	50.8	76.2
111	46.4	34.8	52.2





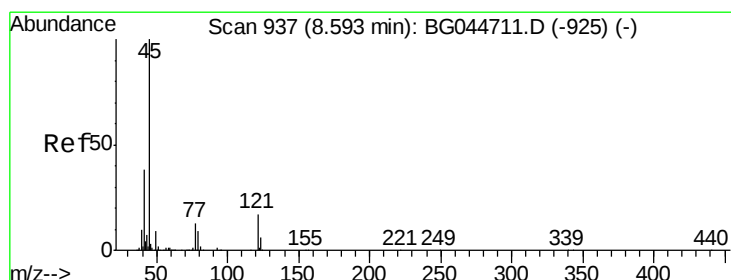
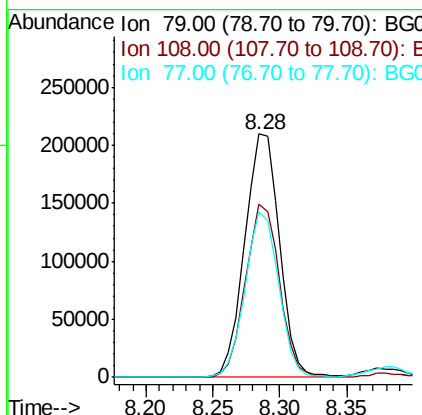
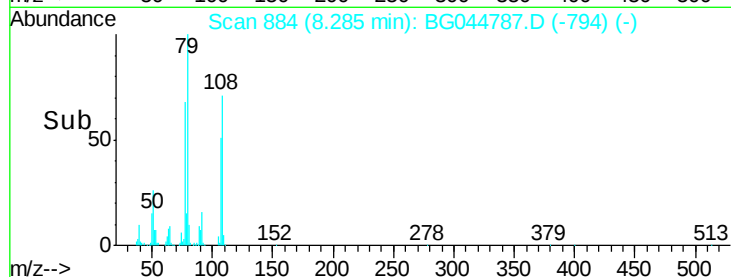
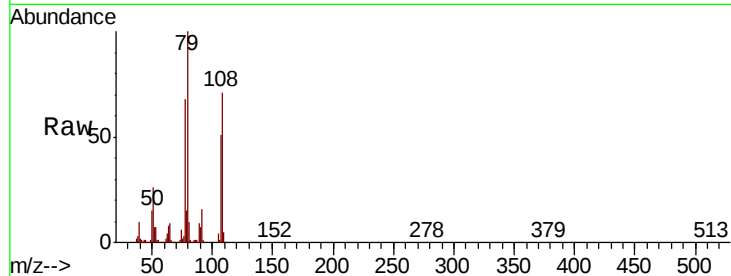
#15
Benzyl Alcohol
Concen: 46.988 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.2	55.4	83.0
77	68.0	52.2	78.4

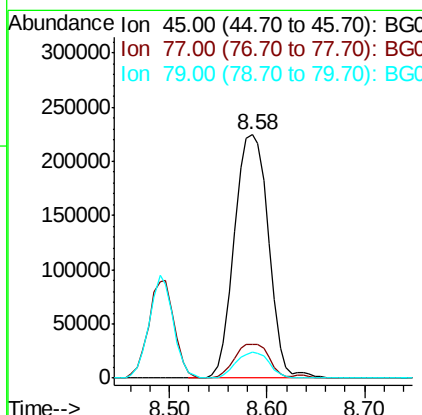
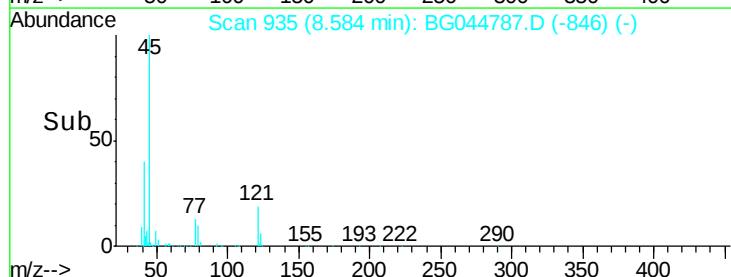
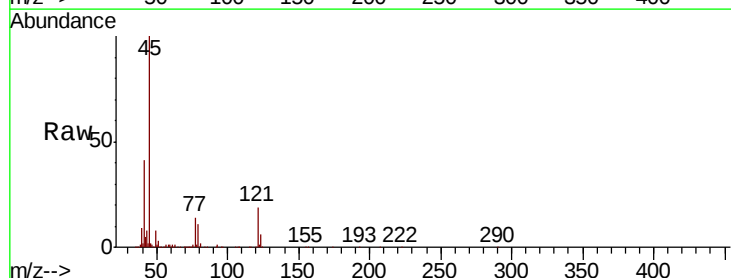
Manual Integrations
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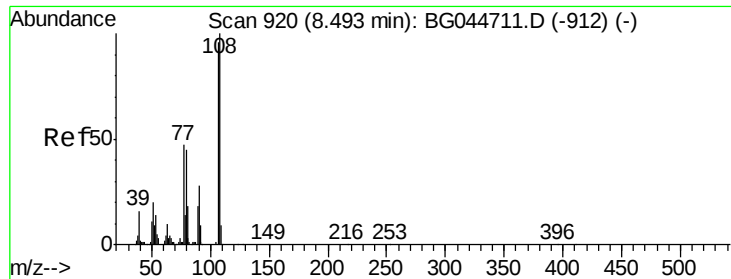
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.266 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.4
79	10.8	0.0	30.0





#17

2-Methylphenol

Concen: 47.672 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

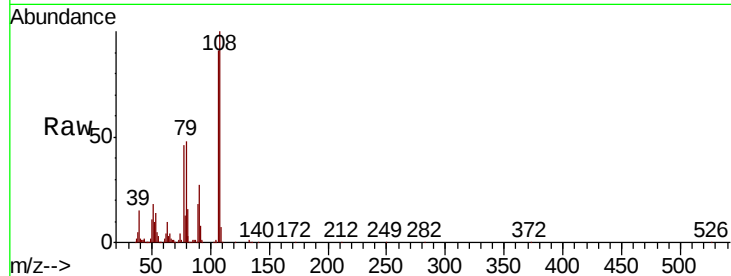
ClientSampleId :

SU-01-031220MS

Tot Ion	107	Resp	319142
Ion Ratio	Lower	Upper	
107	100		
108	109.4	83.2	124.8
77	49.8	39.0	58.6
79	52.7	37.6	56.4

Manual Integrations
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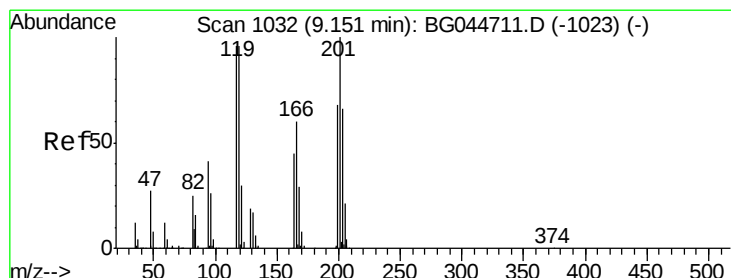
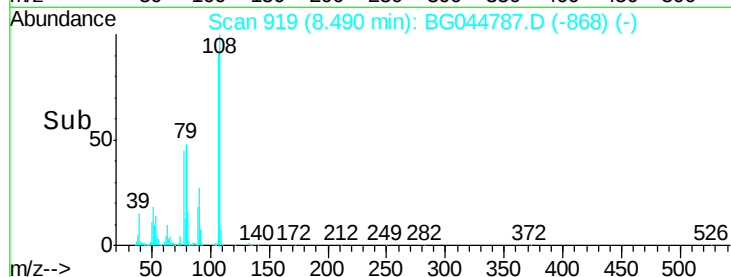
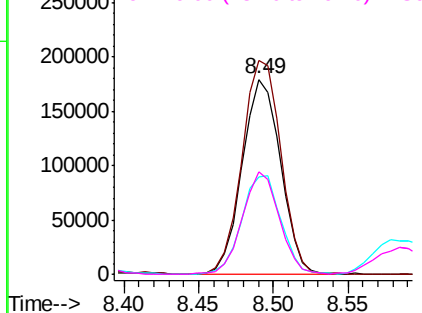
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.745 ng

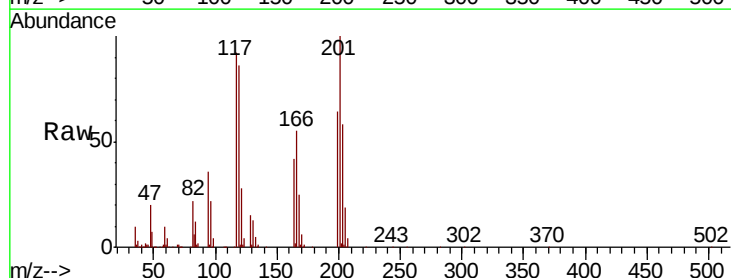
RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion	117	Resp	120835
Ion Ratio	Lower	Upper	
117	100		
119	93.9	80.2	120.4
201	108.6	83.4	125.2

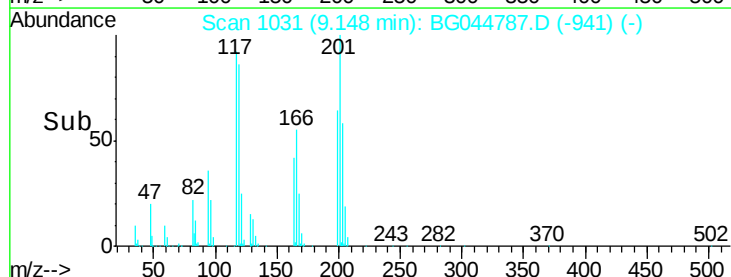
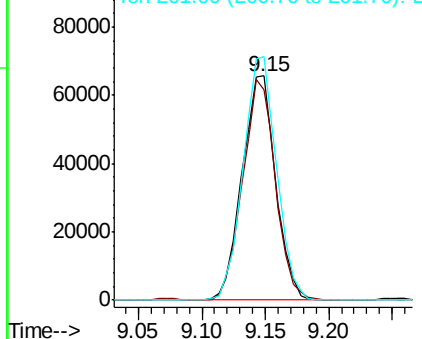


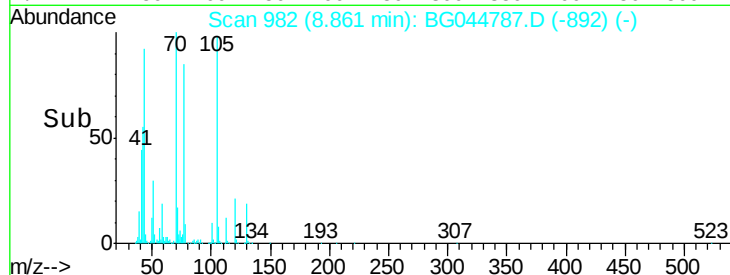
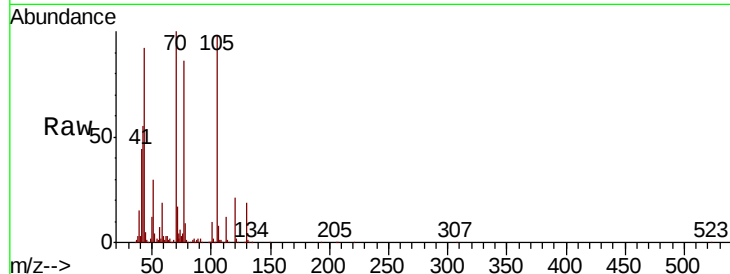
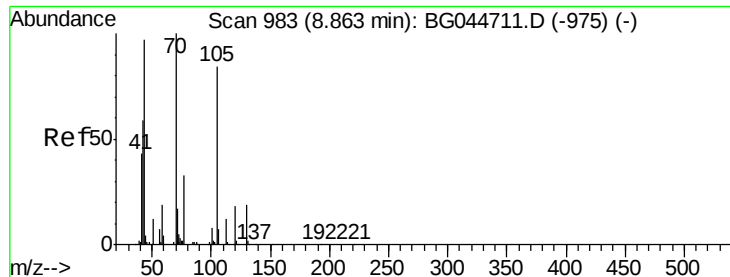
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





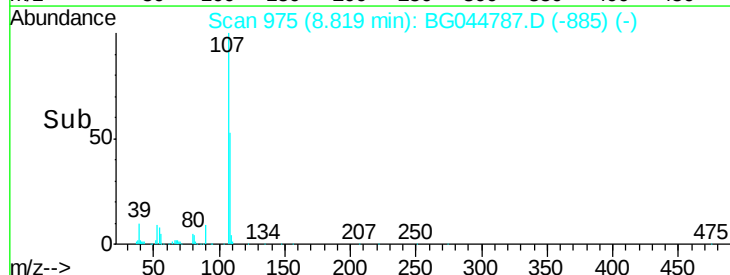
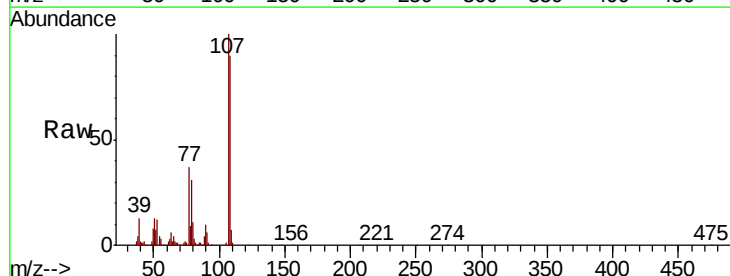
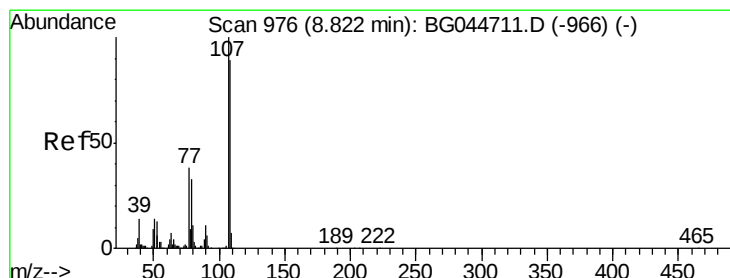
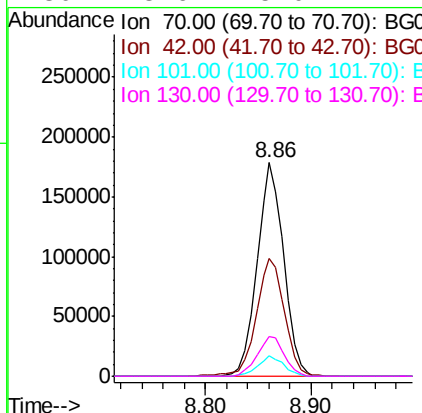
#19
n-Nitroso-di-n-propylamine
Concen: 44.143 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.0	47.6	71.4		
101	9.6	6.5	9.7		
130	18.6	15.0	22.4		

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

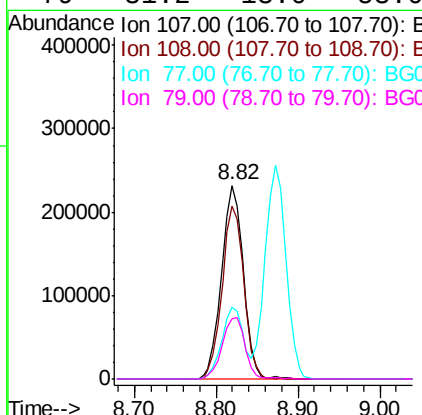
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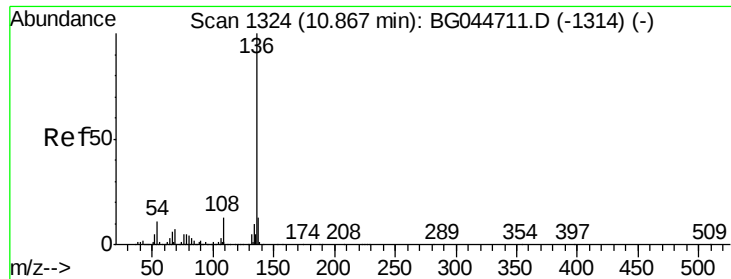
mohammad
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#20
3+4-Methylphenols
Concen: 46.742 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.5	69.1	109.1		
77	37.1	17.7	57.7		
79	31.2	13.0	53.0		





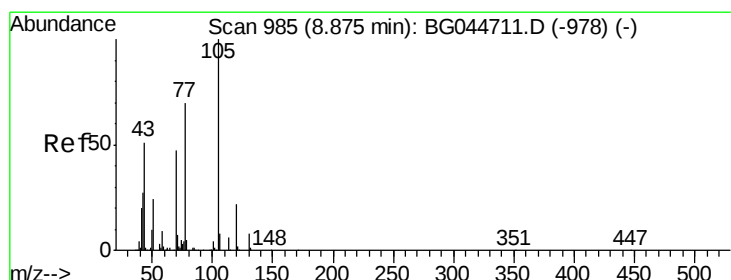
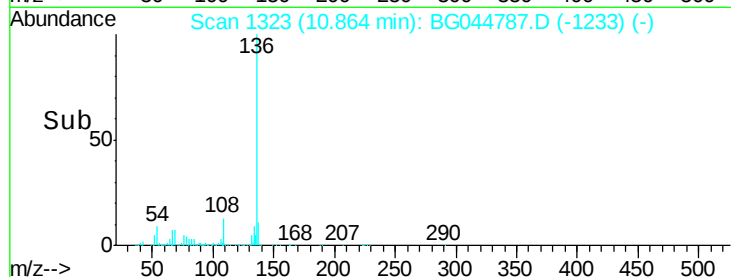
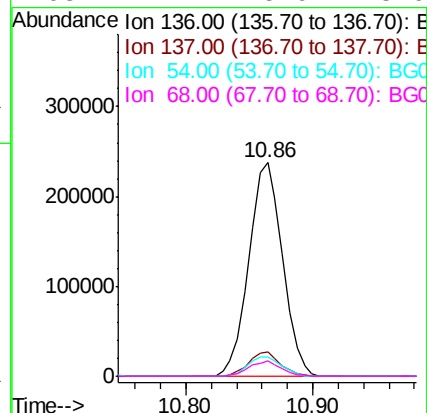
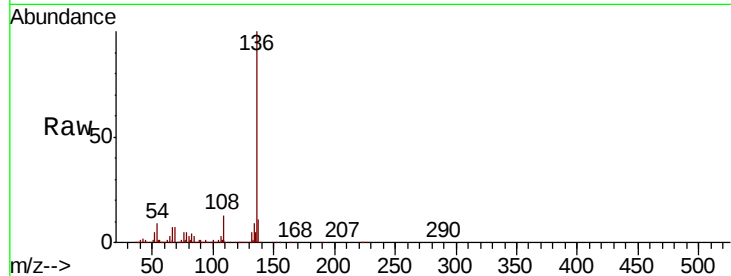
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	437950		
137	11.5	10.7	16.1	
54	9.2	9.0	13.4	
68	7.2	5.9	8.9	

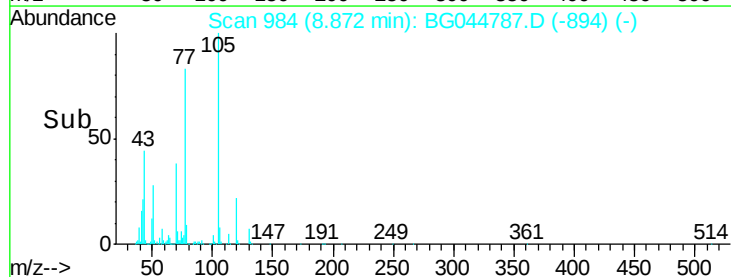
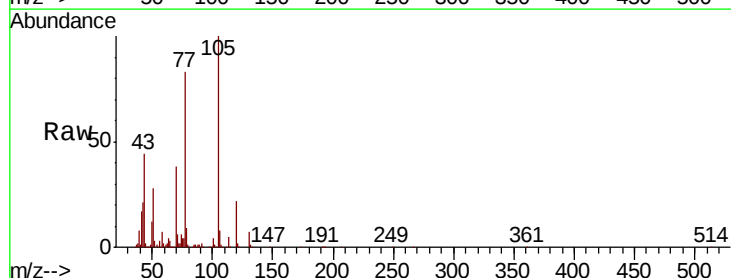
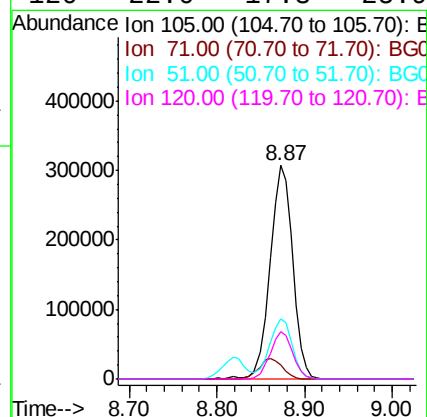
Manual Integrations
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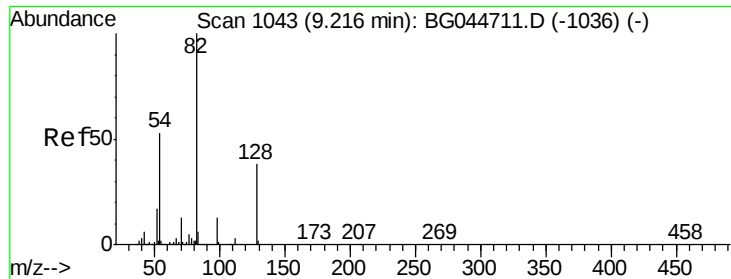
mohammad
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#22
Acetophenone
Concen: 44.270 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	549262		
71	6.5	5.8	8.8	
51	27.9	23.8	35.8	
120	22.0	17.3	25.9	





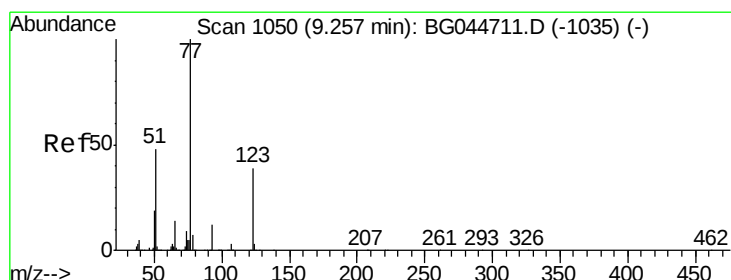
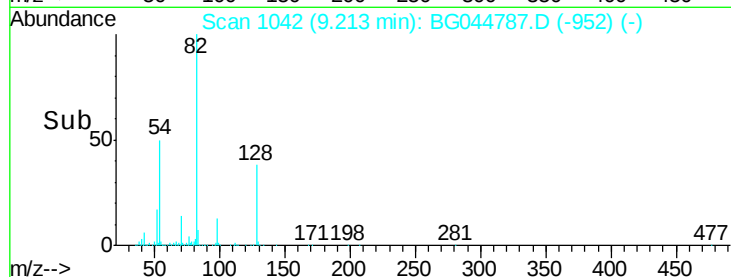
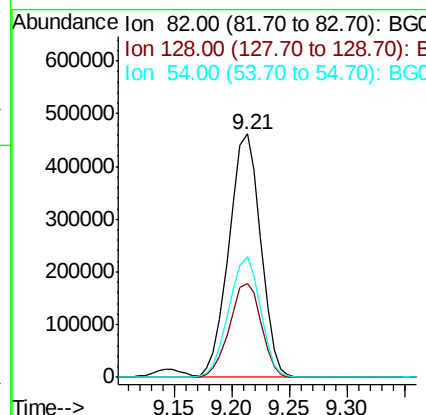
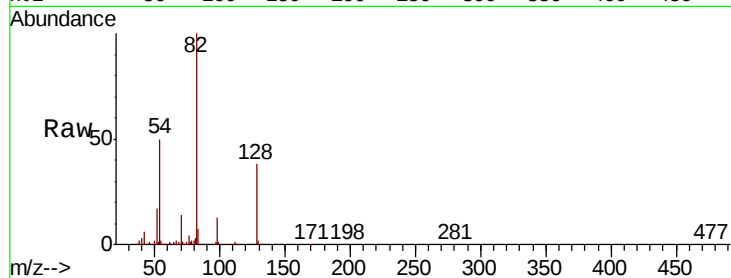
#23
Nitrobenzene-d5
Concen: 88.290 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.2	45.2
54	49.7	41.8	62.8

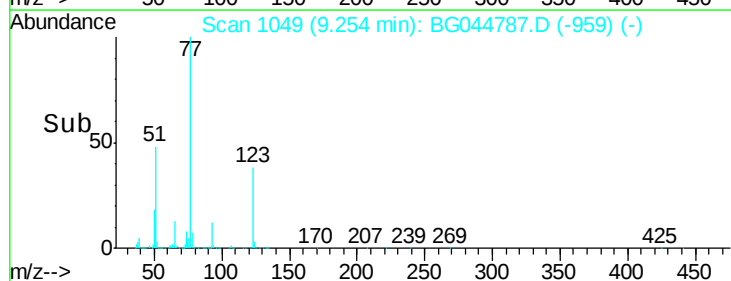
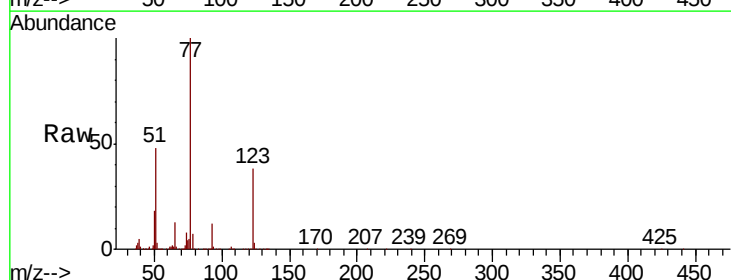
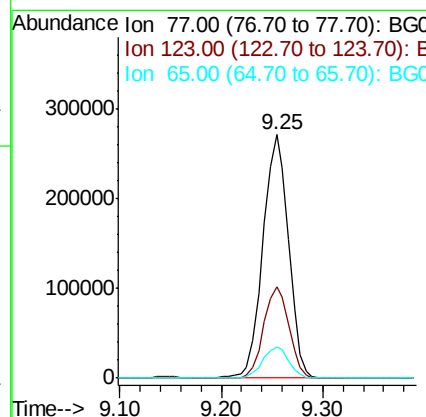
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#24
Nitrobenzene
Concen: 45.580 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	31.5	47.3
65	12.8	11.0	16.4





#25

Isophorone

Concen: 44.228 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

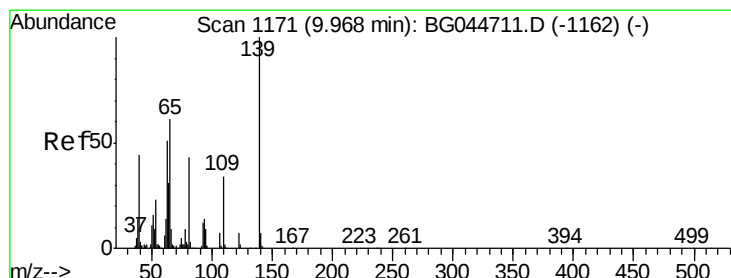
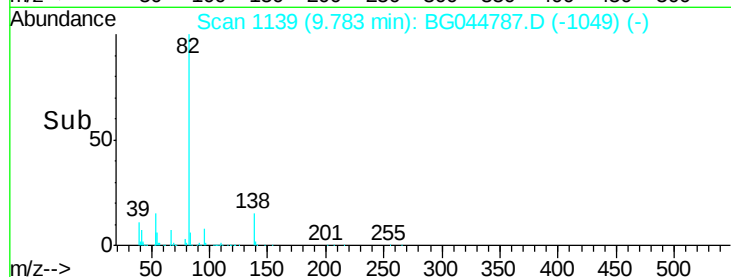
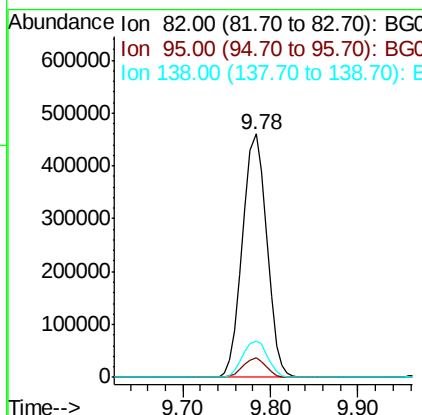
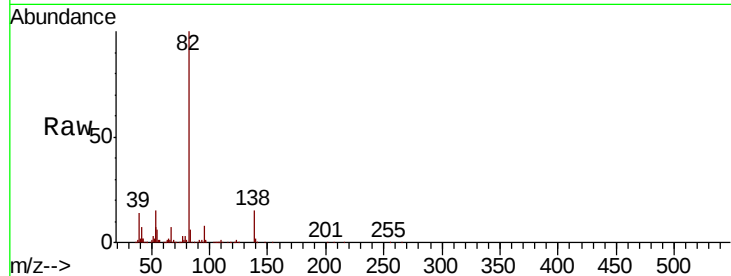
ClientSampleId :

SU-01-031220MS

Tot Ion:	82	Resp:	861497
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.6	8.4
138	14.7	13.0	19.4

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#26

2-Nitrophenol

Concen: 53.167 ng

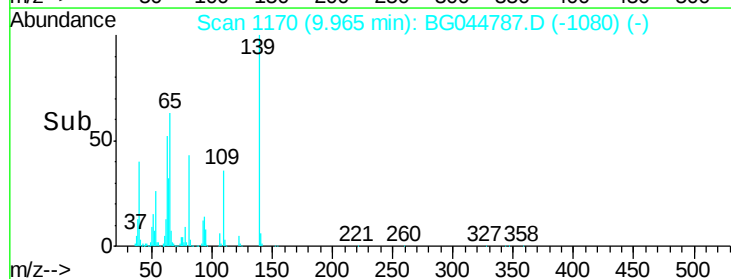
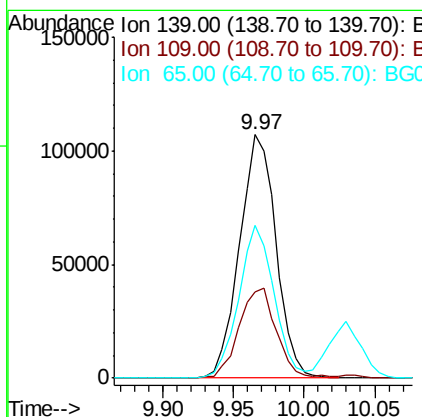
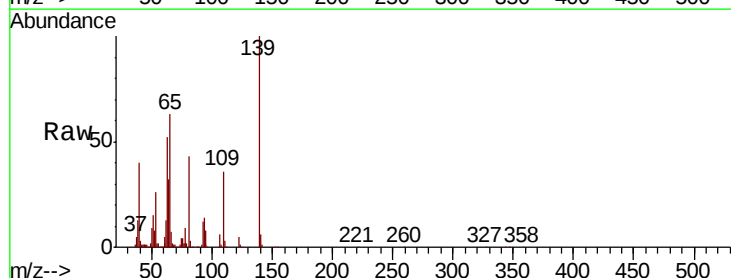
RT: 9.97 min Scan# 1170

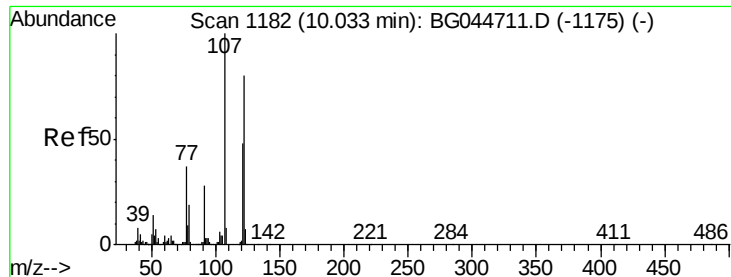
Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	139	Resp:	193556
Ion Ratio	Lower	Upper	
139	100		
109	35.7	27.0	40.4
65	62.6	48.6	73.0





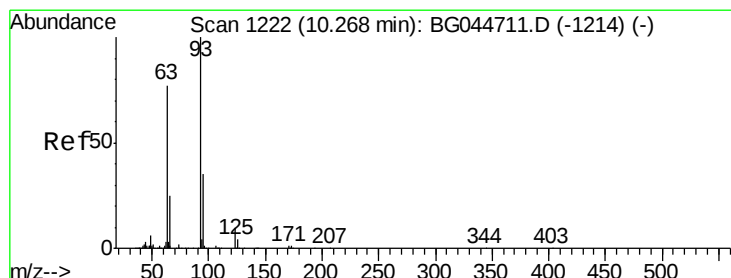
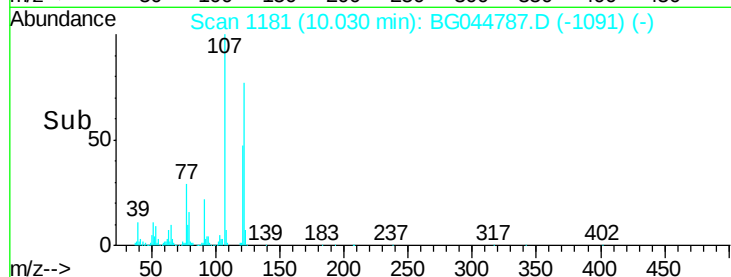
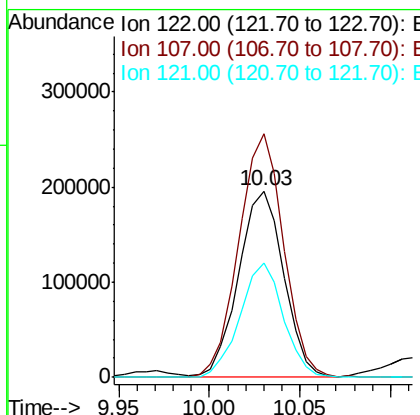
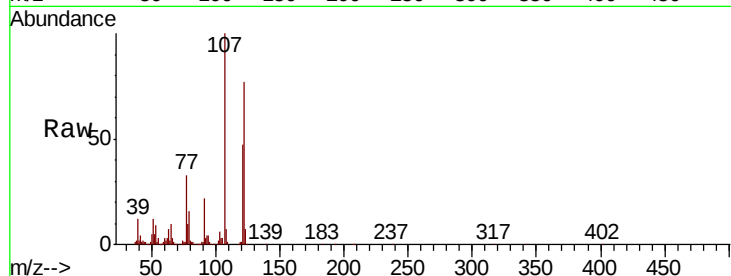
#27
 2,4-Dimethylphenol
 Concen: 53.169 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	130.6	99.0	148.6	
121	61.1	47.6	71.4	

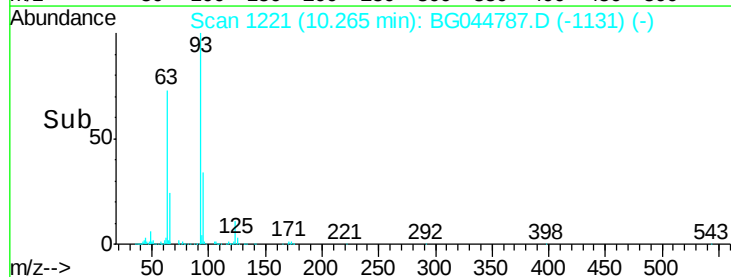
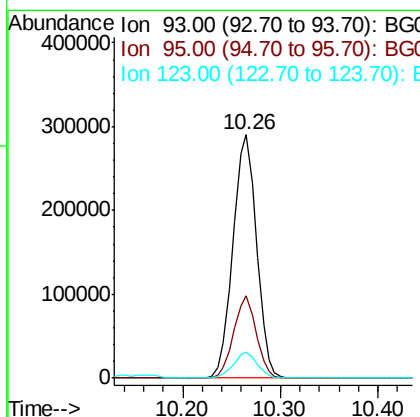
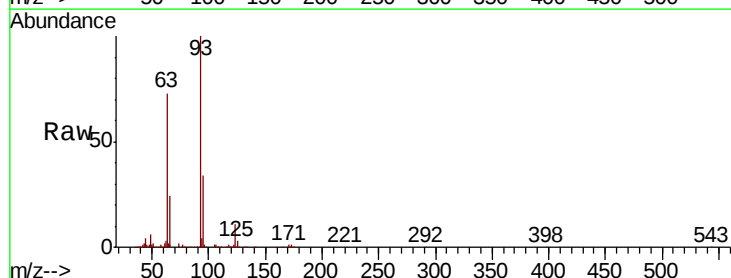
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.006 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.8	27.7	41.5	
123	10.8	8.1	12.1	





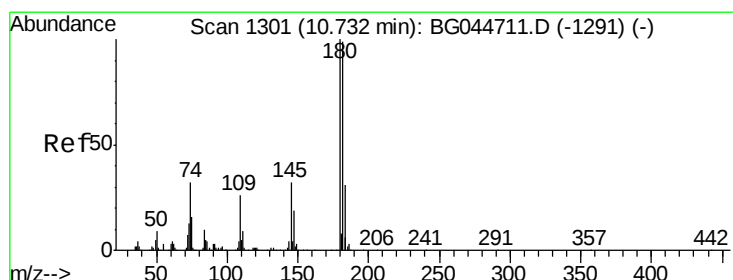
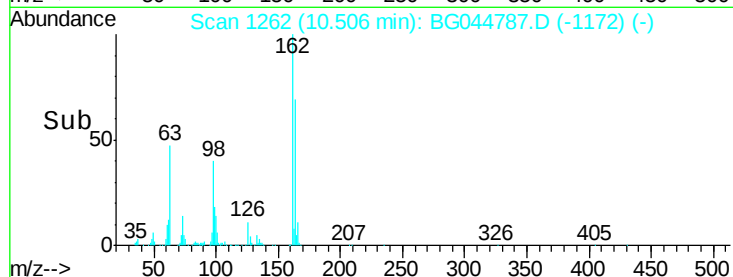
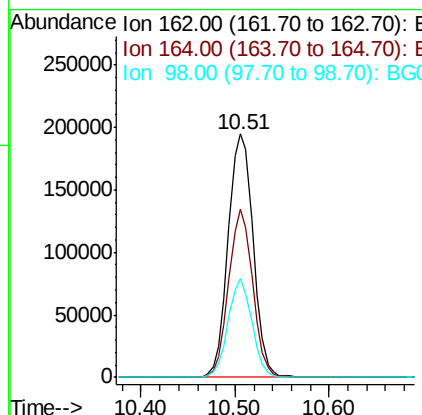
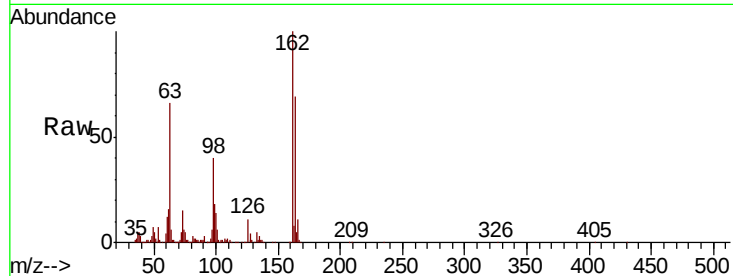
#29
 2,4-Dichlorophenol
 Concen: 48.642 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	69.2	46.5	86.5
98	40.5	18.1	58.1

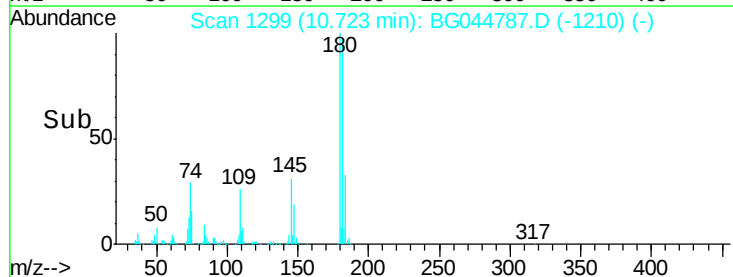
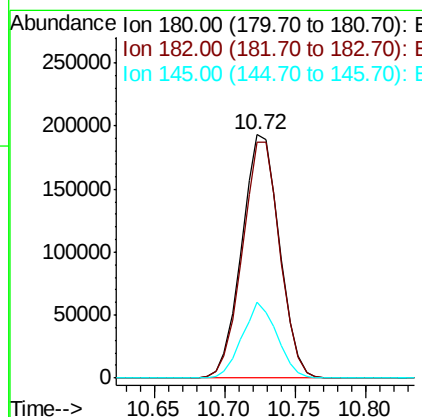
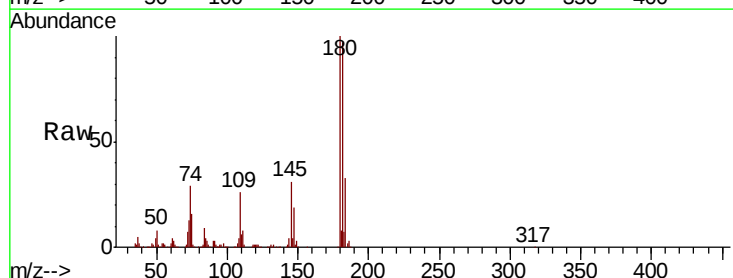
Manual Integrations
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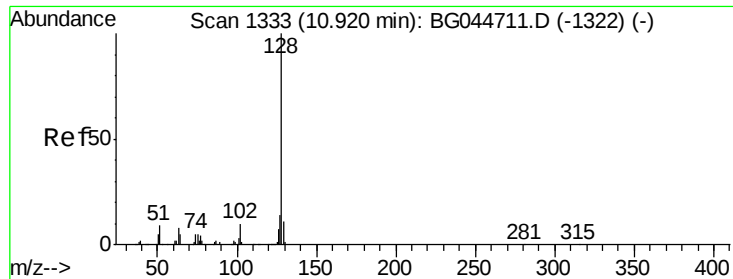
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.680 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	78.8	118.2
145	31.1	25.4	38.0





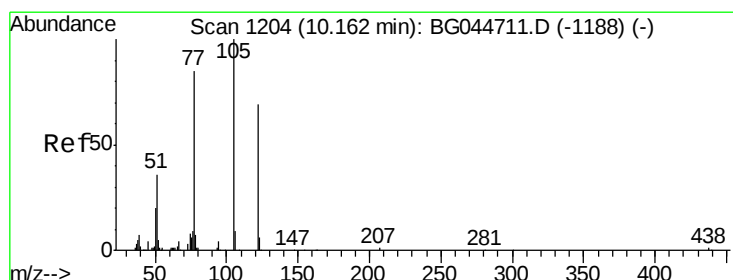
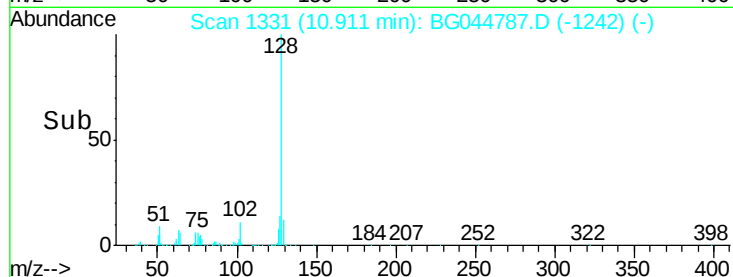
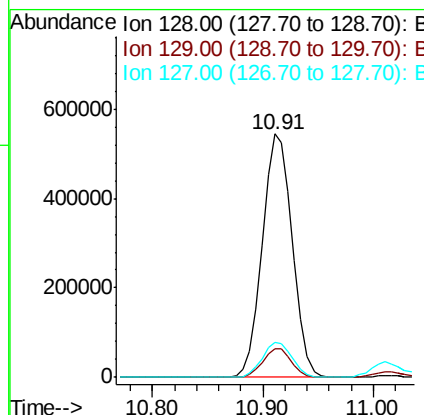
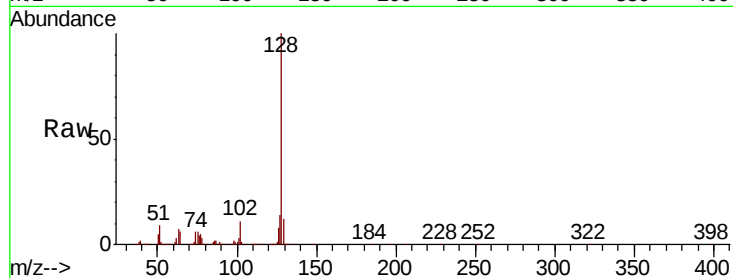
#31
Naphthalene
Concen: 42.478 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	14.3	11.0	16.6

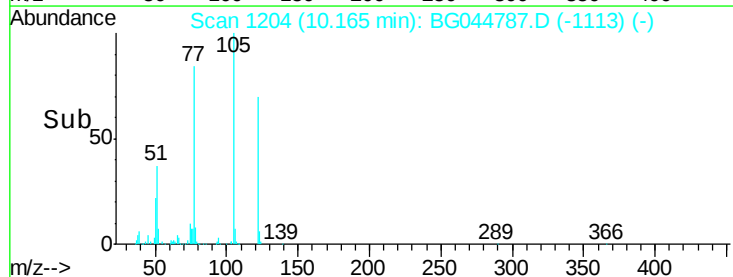
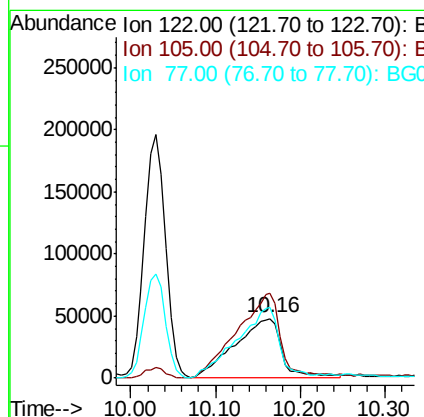
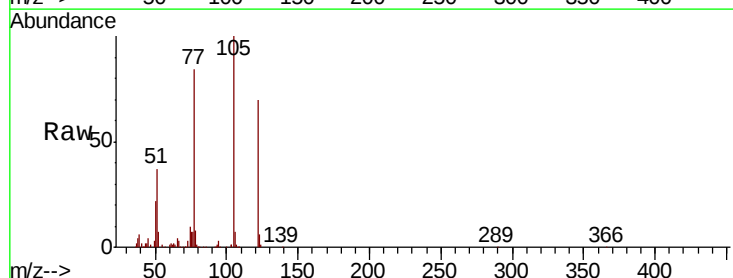
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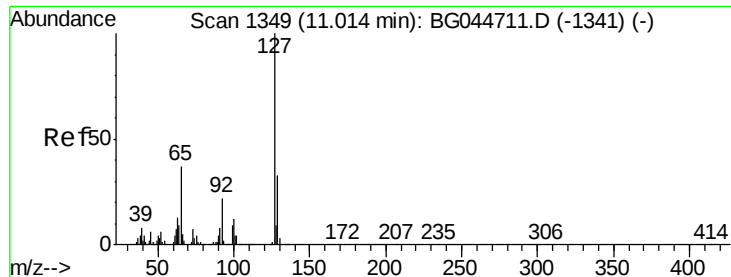
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#32
Benzoic acid
Concen: 38.872 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.7	119.0	159.0
77	119.8	96.4	136.4





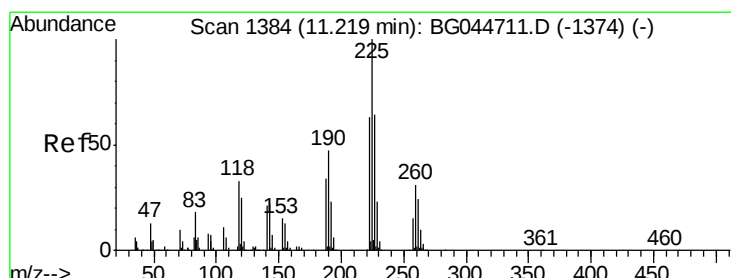
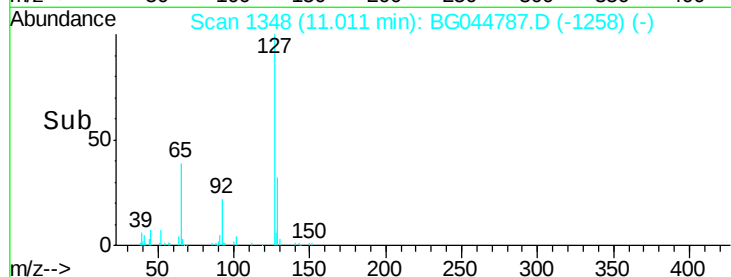
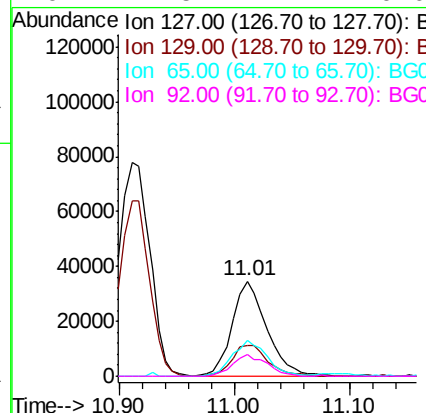
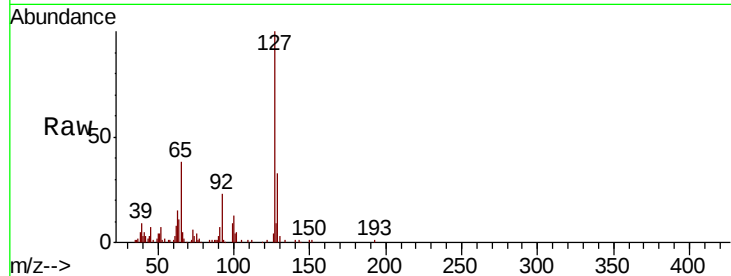
#33
4-Chloroaniline
Concen: 6.510 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	38.3	29.6	44.4
92	22.5	17.4	26.0

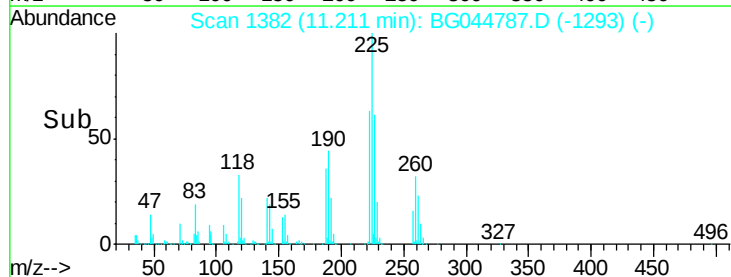
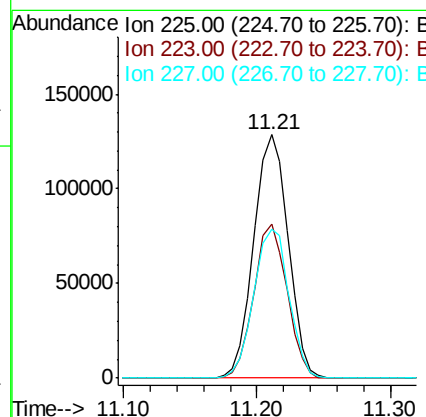
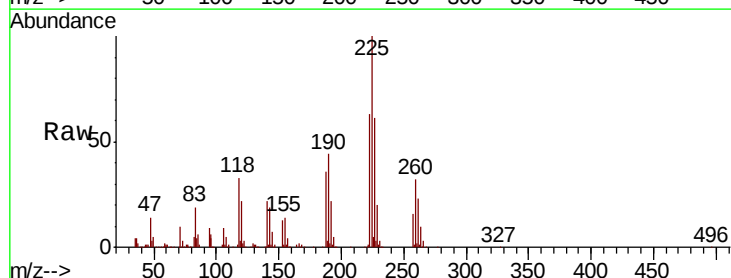
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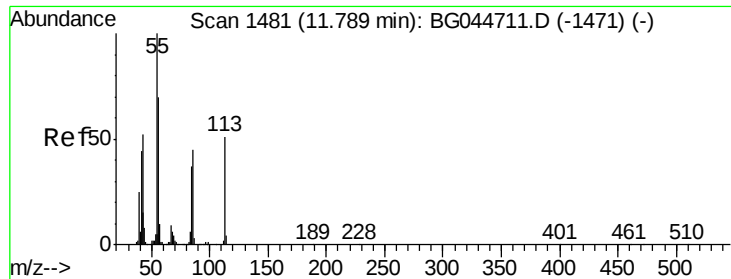
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#34
Hexachlorobutadiene
Concen: 39.252 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	61.3	51.6	77.4





#35

Caprolactam

Concen: 34.087 ng/ml

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

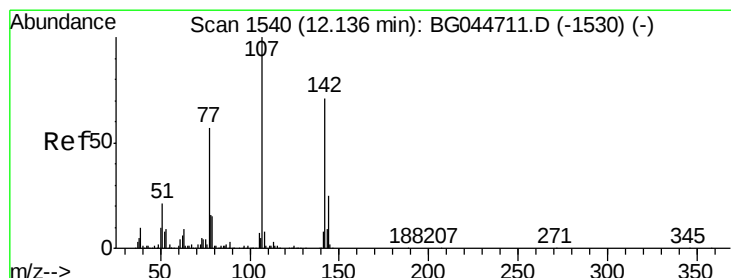
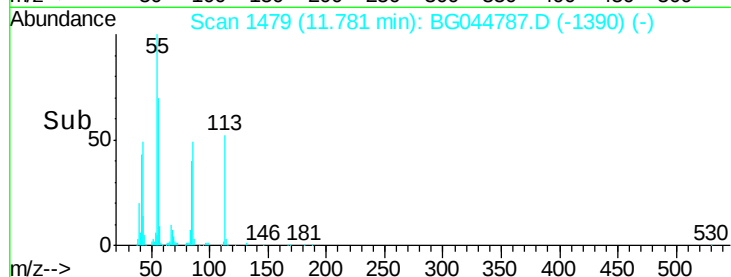
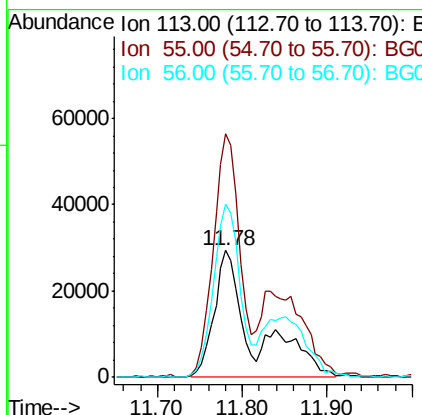
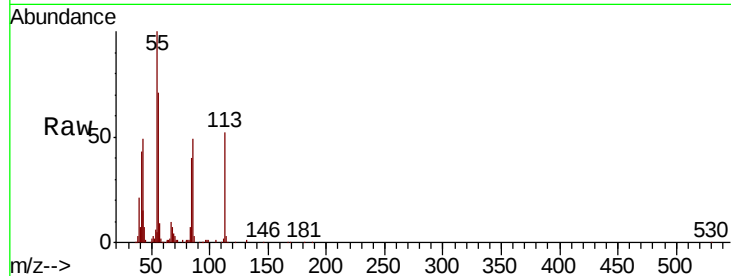
ClientSampleId :

SU-01-031220MS

Tot Ion:	113	Resp:	95620
Ion	Ratio	Lower	Upper
113	100		
55	191.7	178.4	218.4
56	136.0	117.7	157.7

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#36

4-Chloro-3-methylphenol

Concen: 47.225 ng/ml

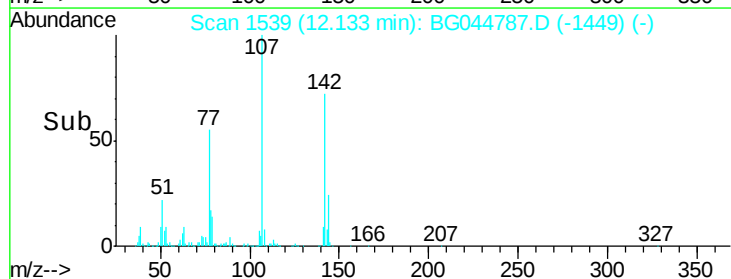
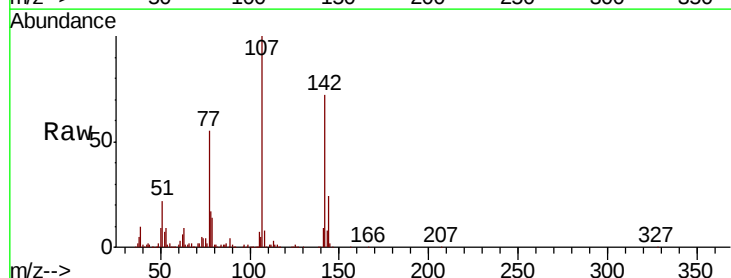
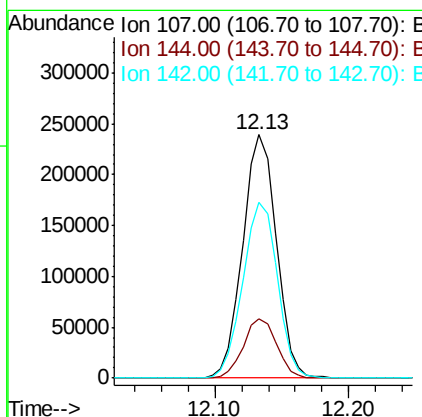
RT: 12.13 min Scan# 1539

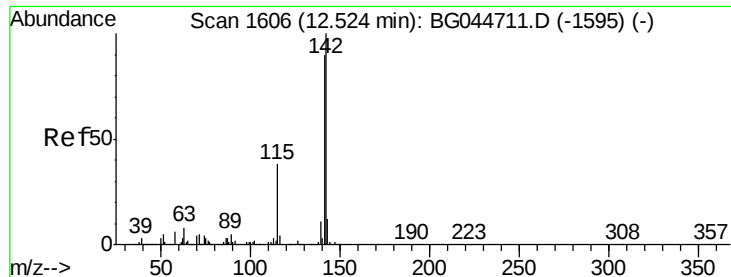
Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	107	Resp:	417302
Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.6	29.4
142	72.4	56.5	84.7





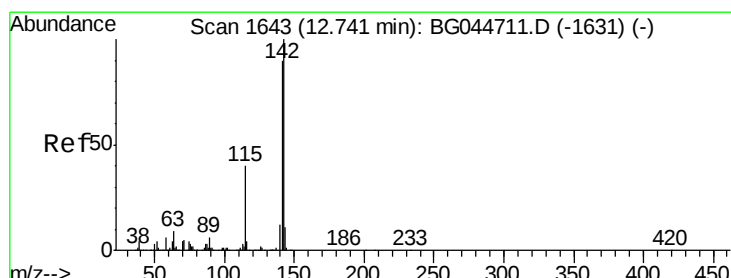
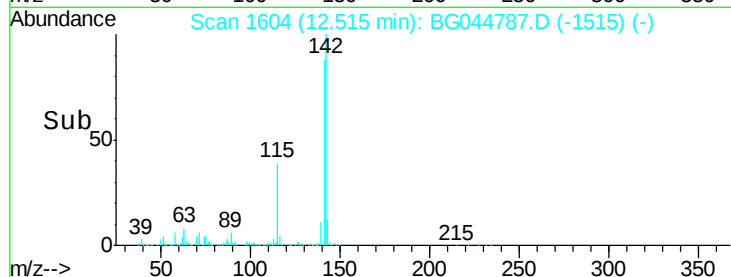
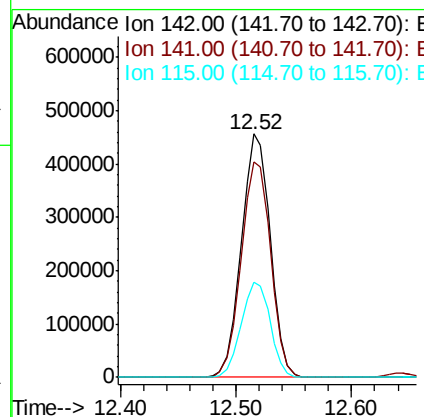
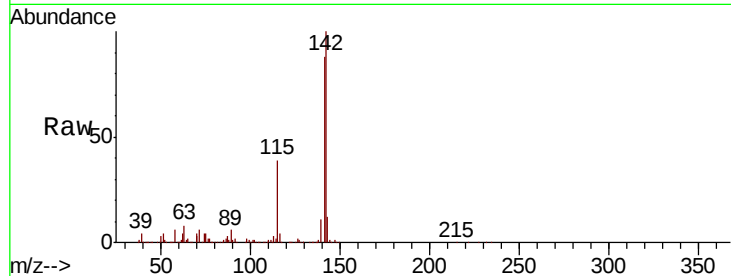
#37
2-Methylnaphthalene
Concen: 43.464 ng
RT: 12.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.3	108.5
115	38.9	30.6	45.8

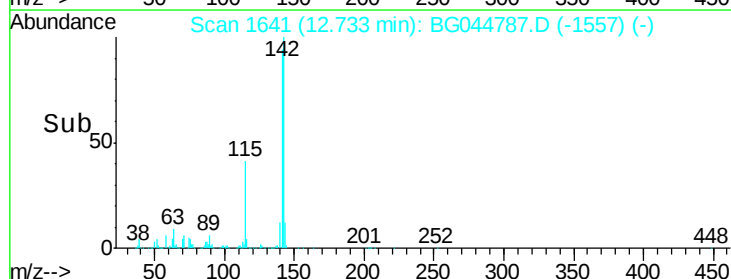
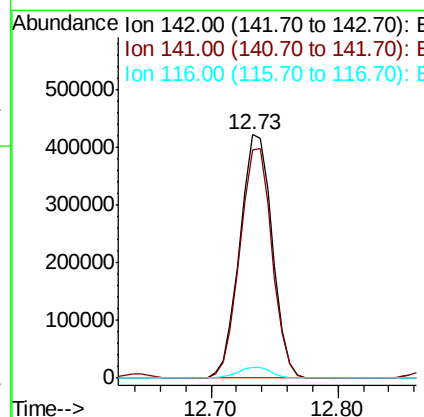
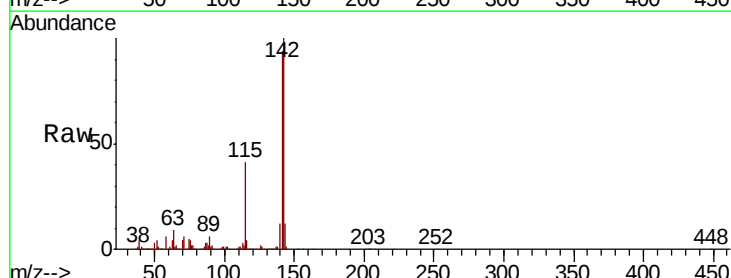
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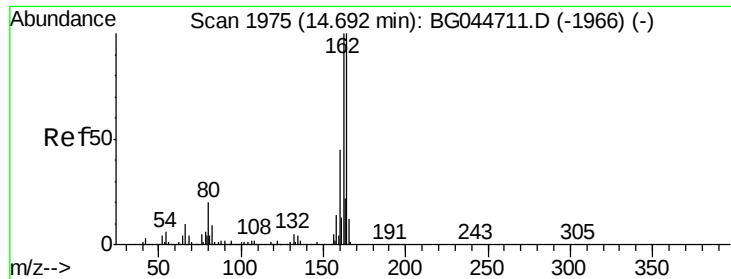
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#38
1-Methylnaphthalene
Concen: 43.941 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.2	108.2
116	4.4	3.5	5.3





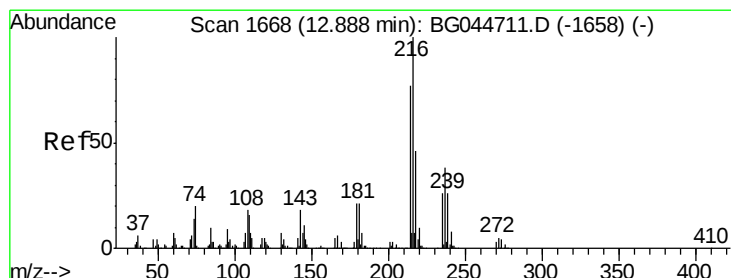
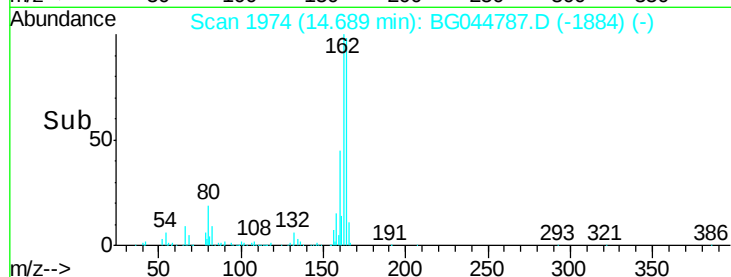
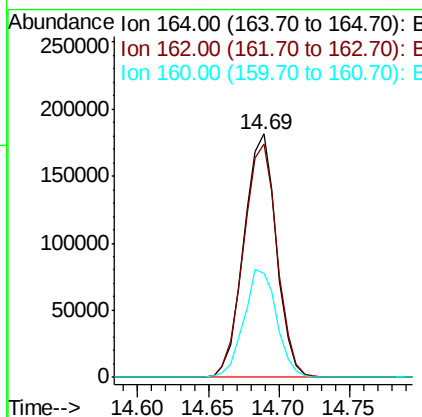
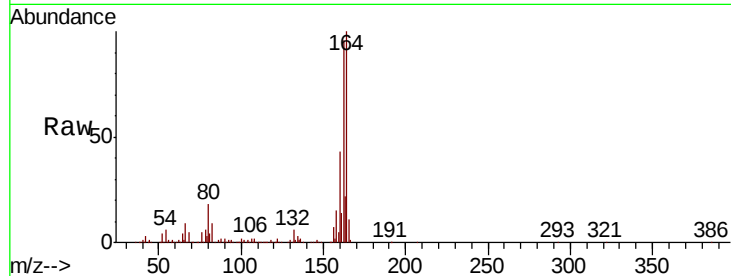
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	292095		
162	95.9	80.2	120.4	
160	42.7	36.2	54.2	

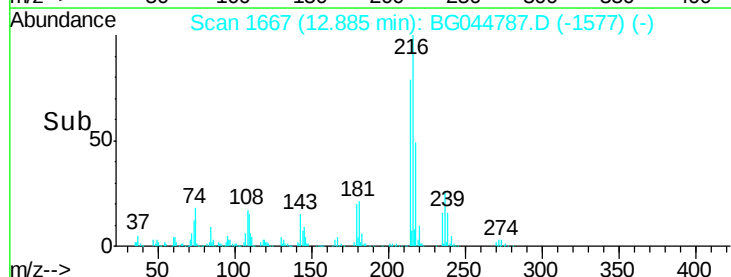
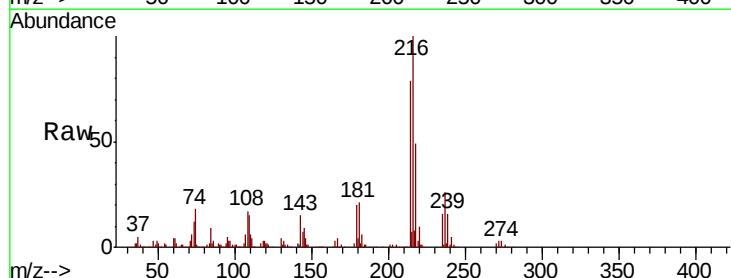
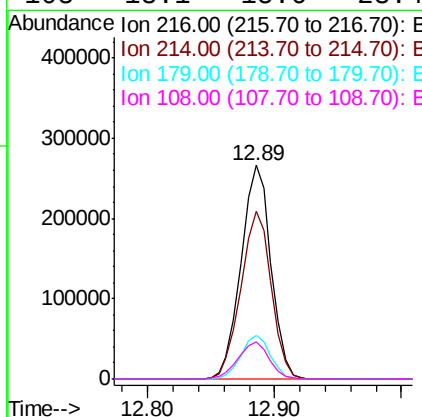
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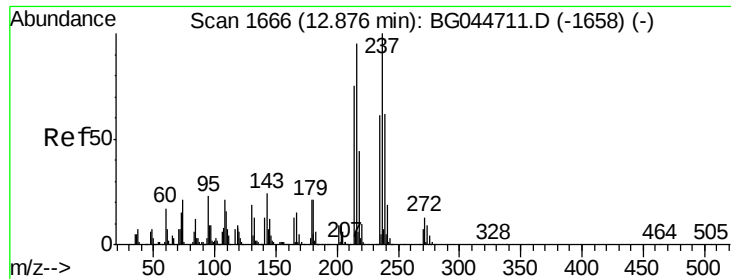
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.178 ng
RT: 12.89 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	434597		
214	79.7	63.0	94.4	
179	20.1	16.6	24.8	
108	18.1	15.6	23.4	





#41

Hexachlorocyclopentadiene

Concen: 39.503 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

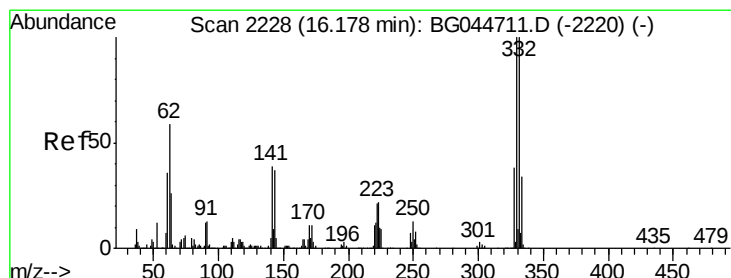
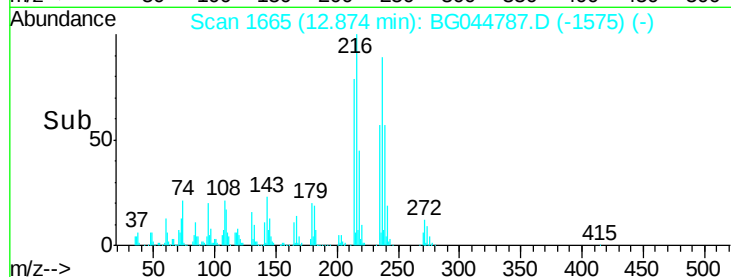
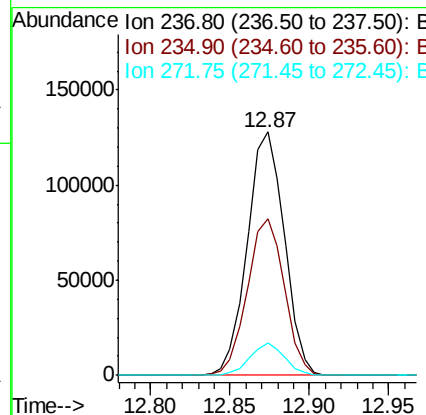
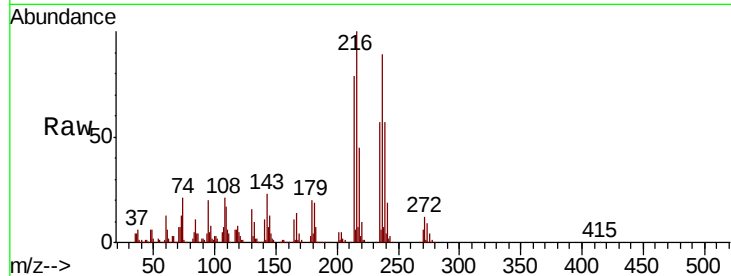
ClientSampleId :

SU-01-031220MS

Tot Ion:	237	Resp:	207672
Ion Ratio	Lower	Upper	
237	100		
235	64.4	40.6	80.6
272	13.2	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 137.559 ng

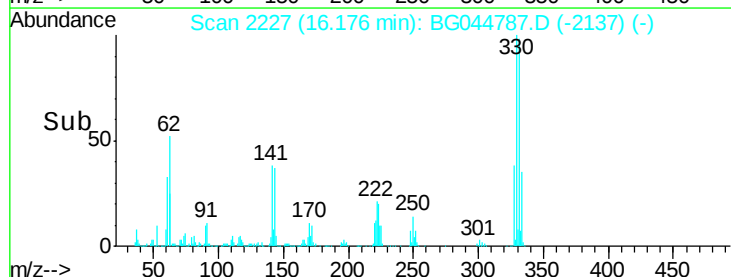
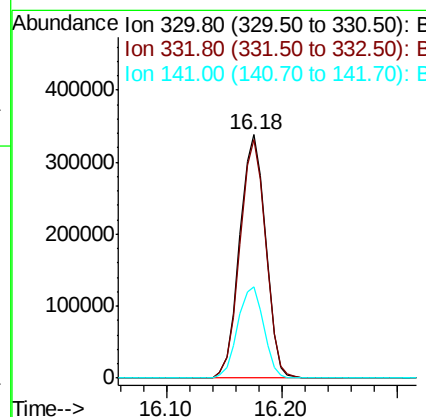
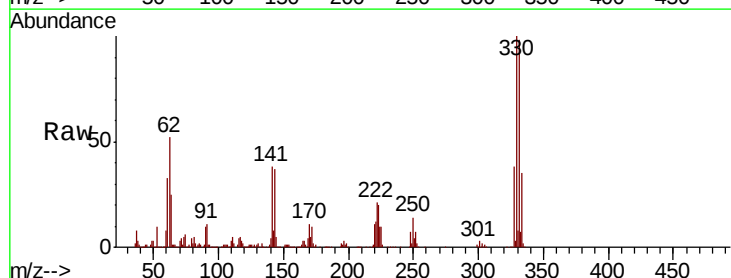
RT: 16.18 min Scan# 2227

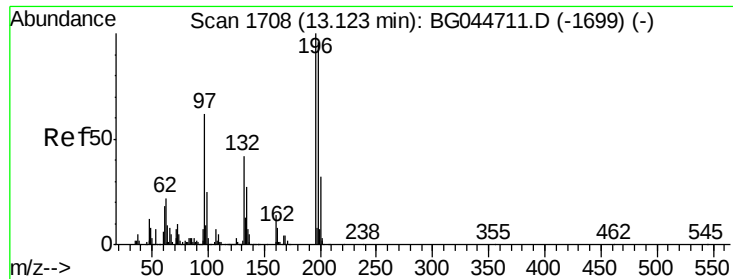
Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	330	Resp:	526100
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.5	116.3
141	37.8	31.7	47.5





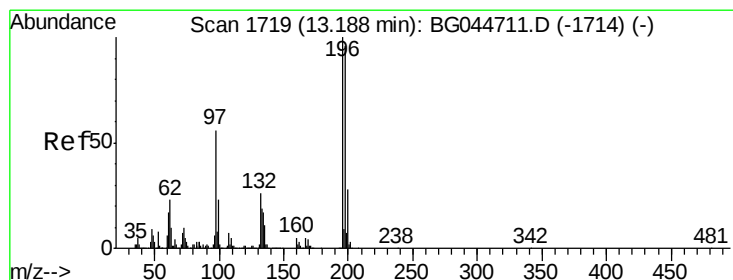
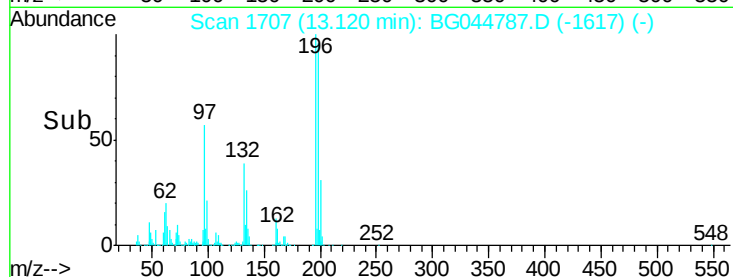
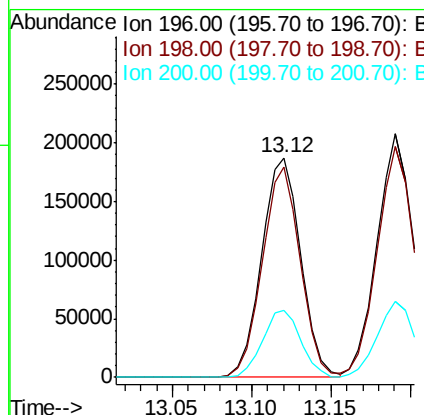
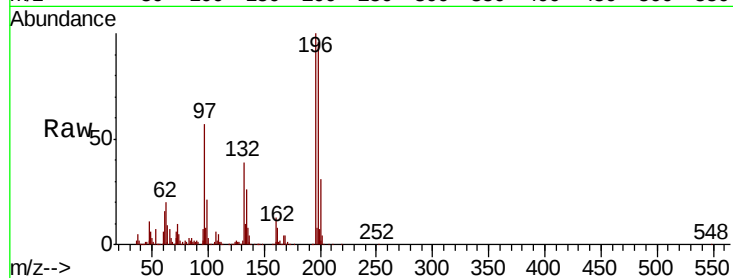
#43
 2,4,6-Trichlorophenol
 Concen: 50.110 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.5	114.7
200	30.8	25.9	38.9

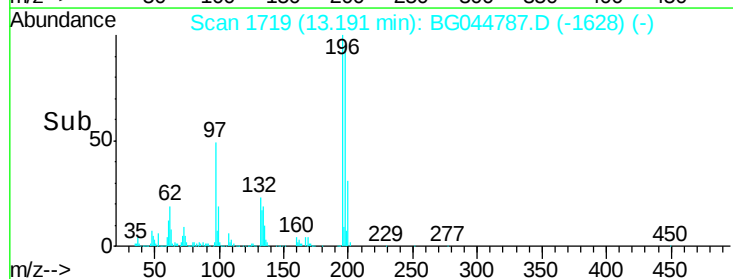
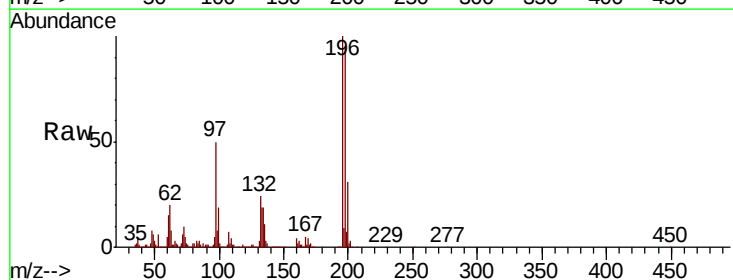
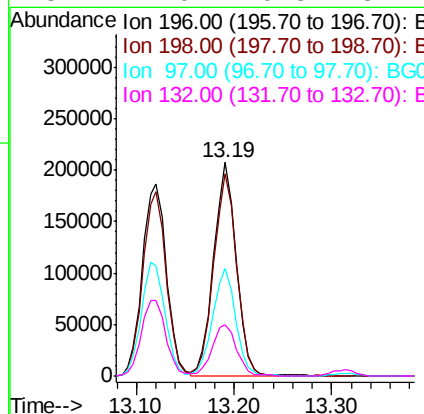
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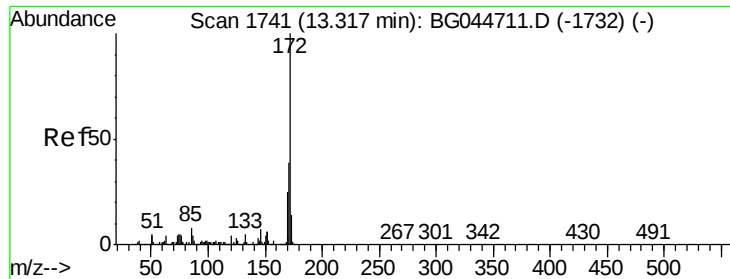
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.584 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	50.3	44.9	67.3
132	24.0	20.8	31.2





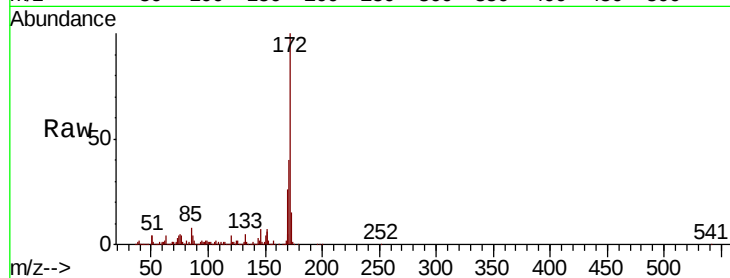
#45
2-Fluorobiphenyl
Concen: 86.009 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.8	46.2
170	26.2	20.0	30.0

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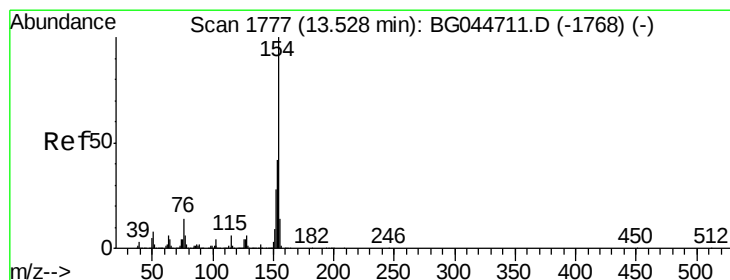
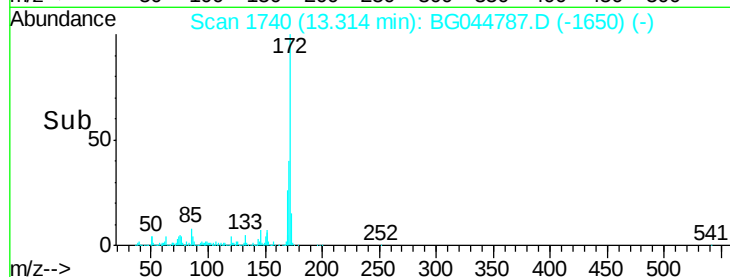
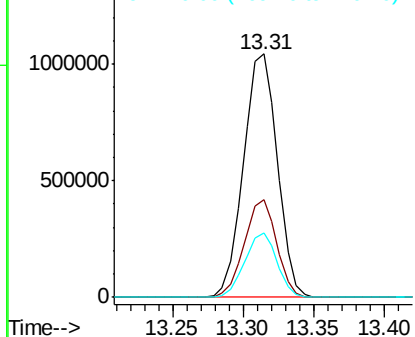


Abundance

Ion 172.00 (171.70 to 172.70): E

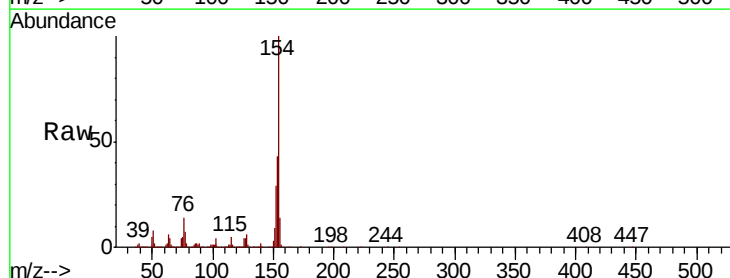
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.020 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.0	62.0
76	14.5	0.0	34.2

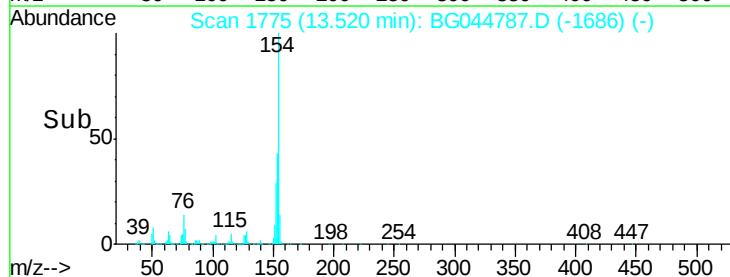
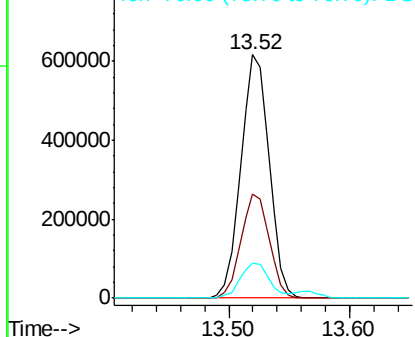


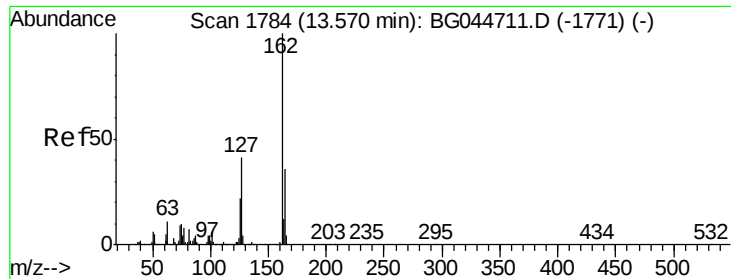
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





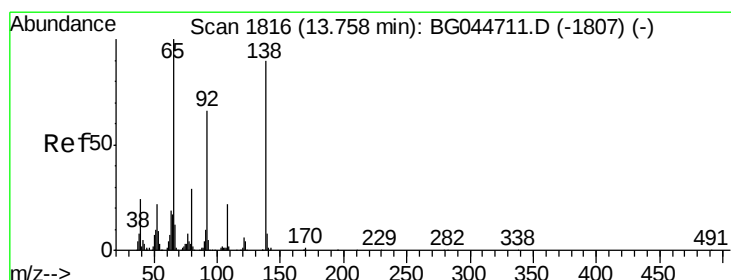
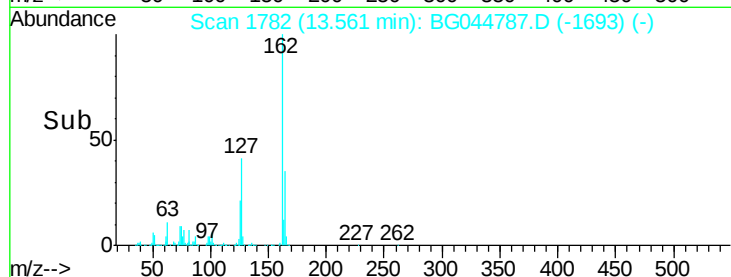
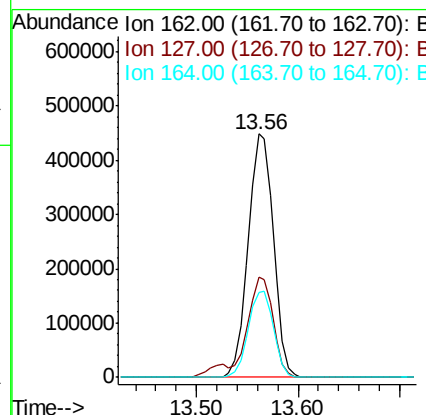
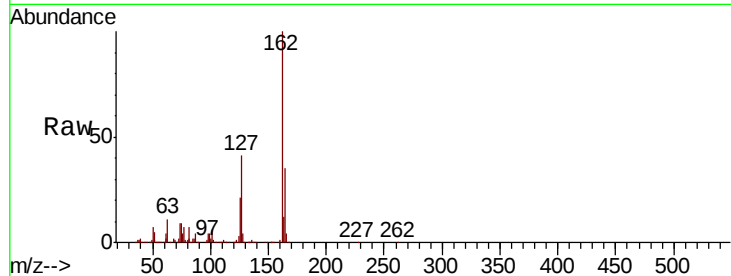
#47
 2-Chloronaphthalene
 Concen: 43.214 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	48.8
164	34.9	29.0	43.4

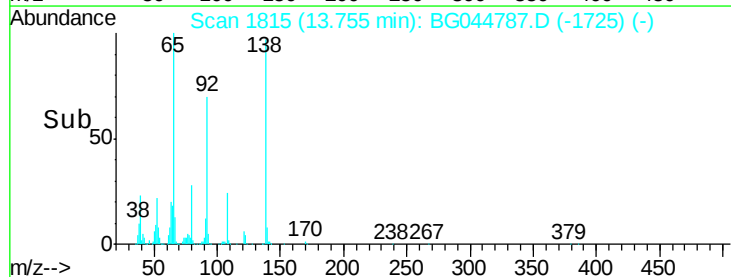
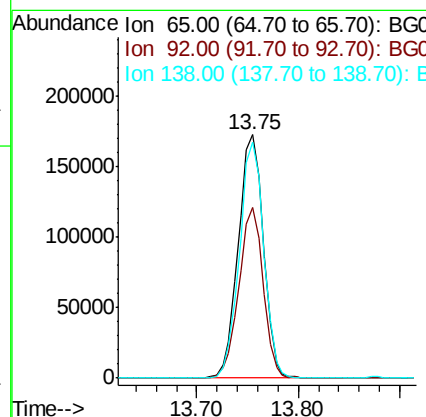
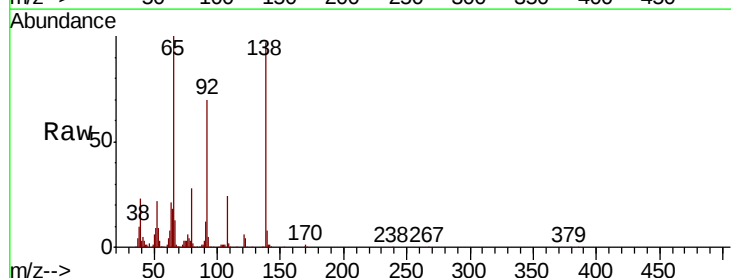
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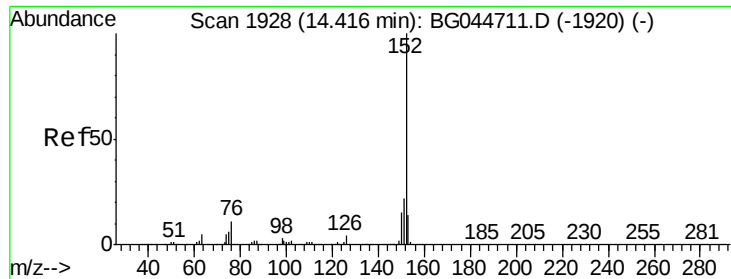
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#48
 2-Nitroaniline
 Concen: 47.611 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	52.6	79.0
138	96.7	71.8	107.6





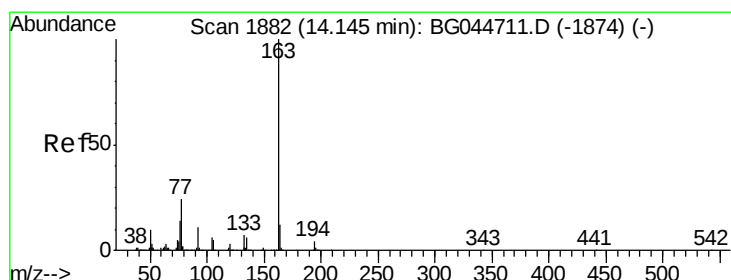
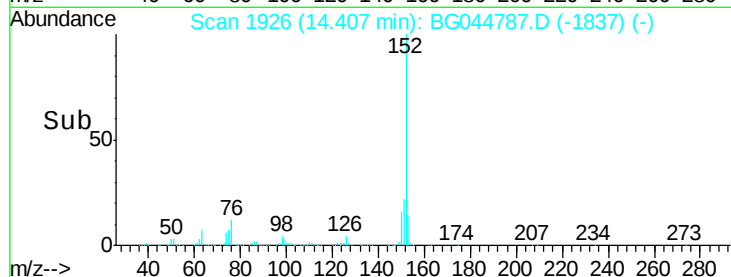
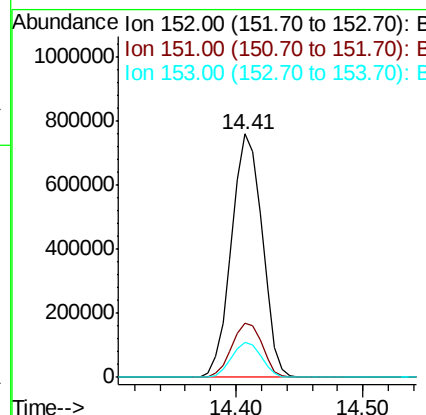
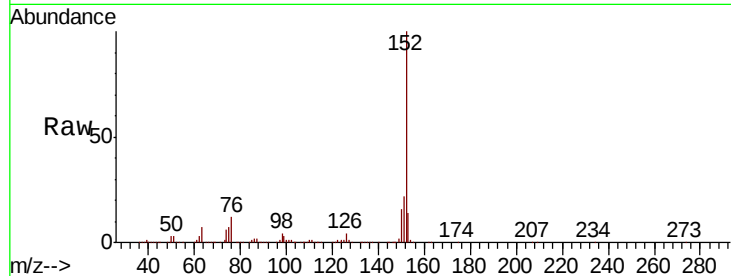
#49
Acenaphthylene
Concen: 45.543 ng
RT: 14.41 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.8	26.8
153	14.5	11.4	17.0

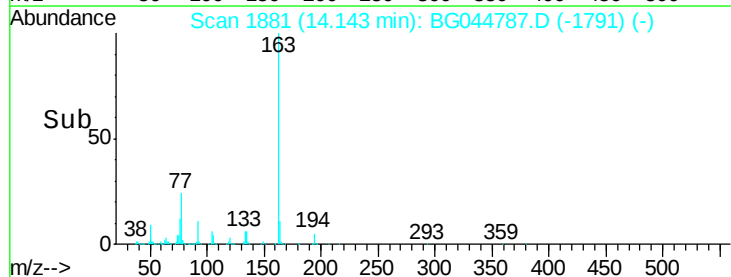
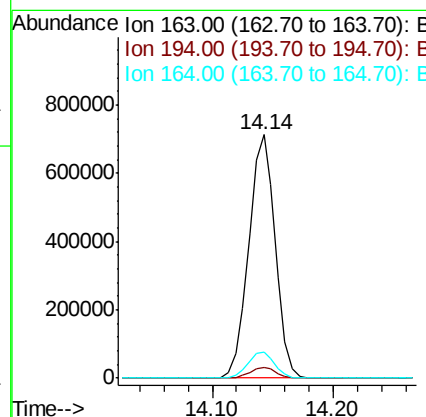
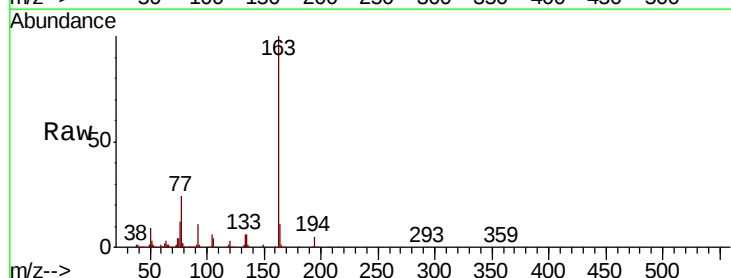
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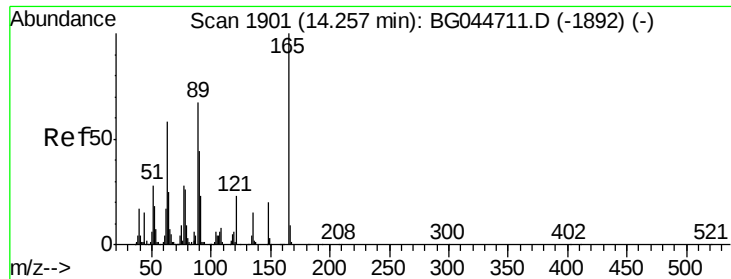
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#50
Dimethylphthalate
Concen: 46.575 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.8	9.2	13.8





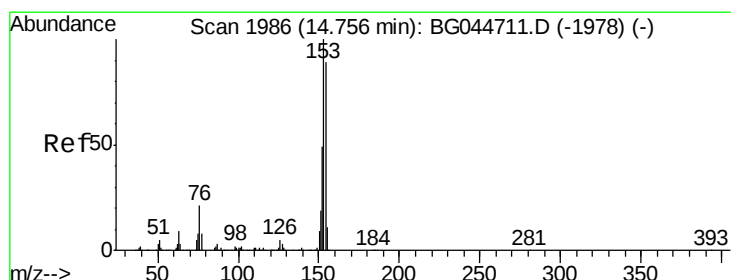
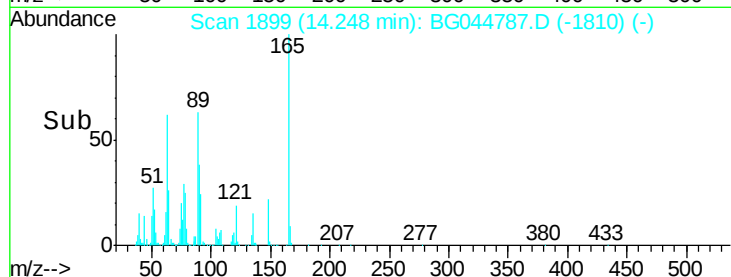
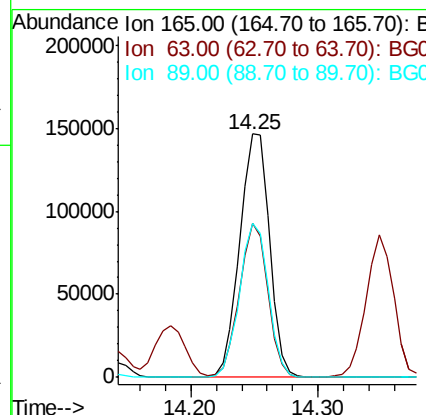
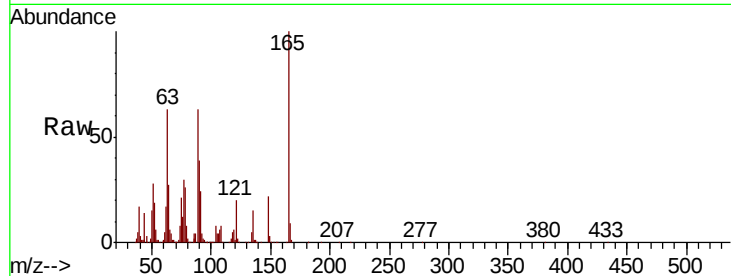
#51
2,6-Dinitrotoluene
Concen: 50.800 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.0	48.9	73.3
89	63.4	53.8	80.8

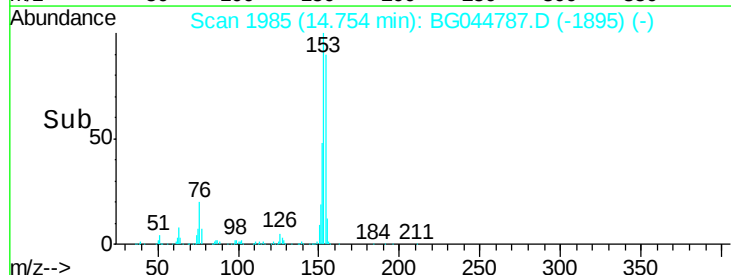
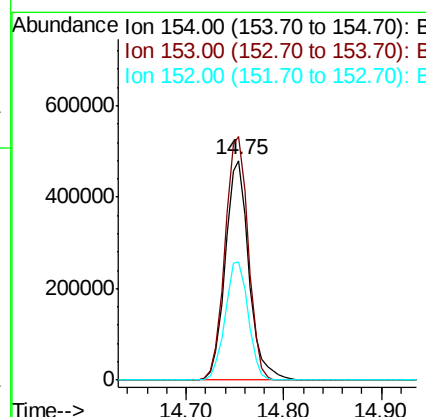
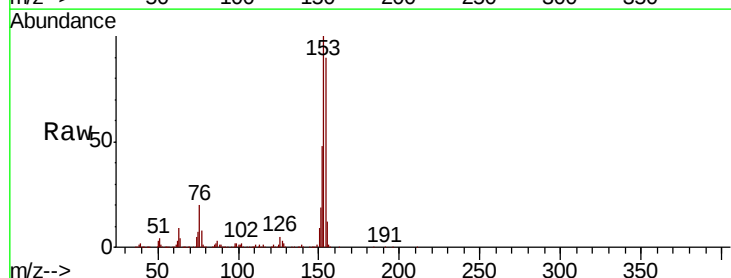
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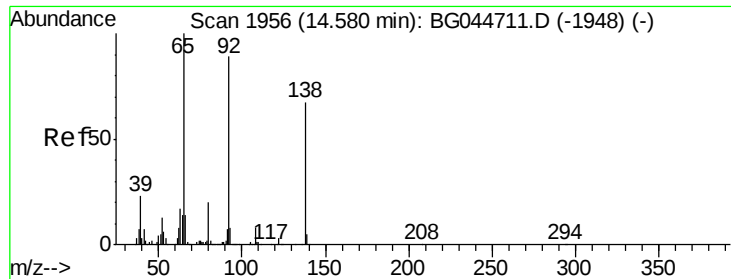
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#52
Acenaphthene
Concen: 43.981 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.8	134.8
152	53.7	44.4	66.6





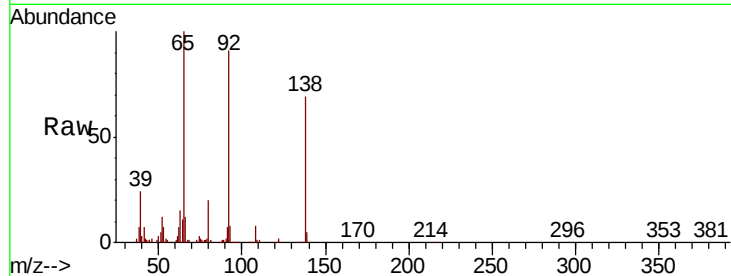
#53
3-Nitroaniline
Concen: 24.075 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

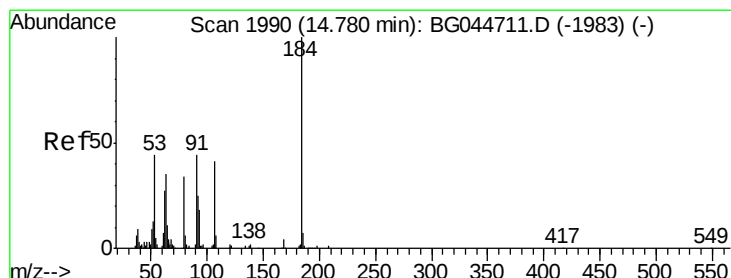
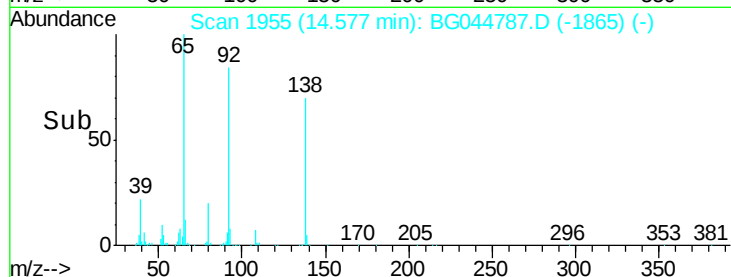
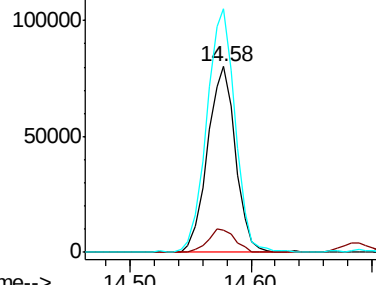
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	9.2	13.8
92	130.9	105.6	158.4

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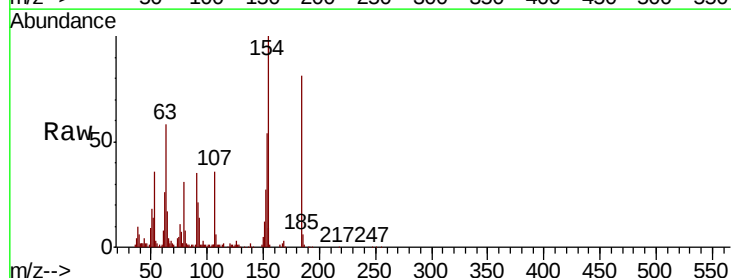


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

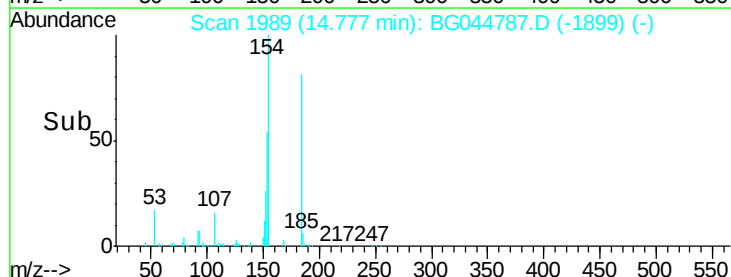
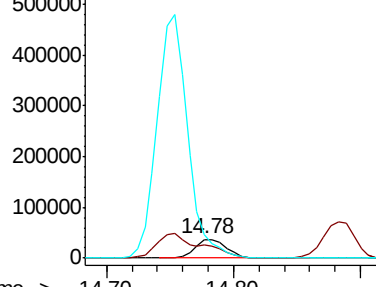


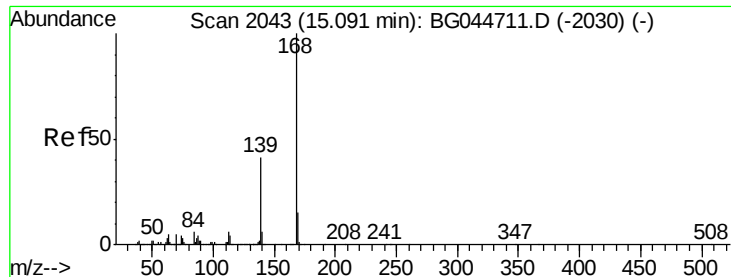
#54
2,4-Dinitrophenol
Concen: 31.986 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	49.0	73.6
154	123.6	94.5	141.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





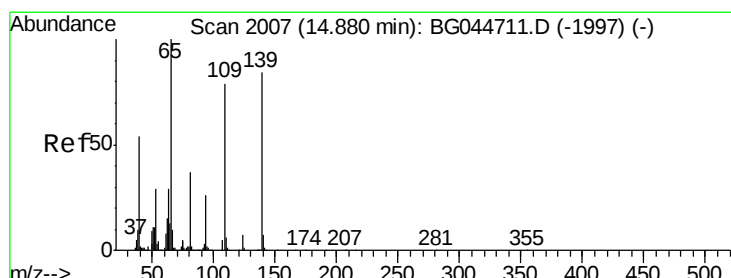
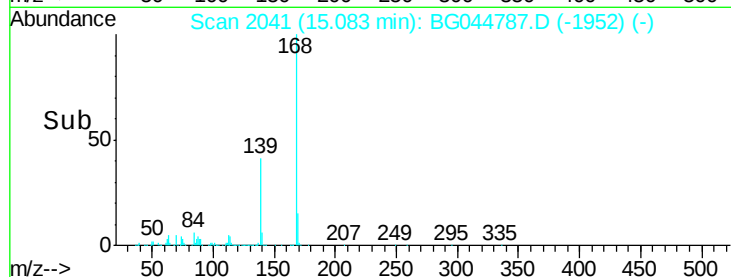
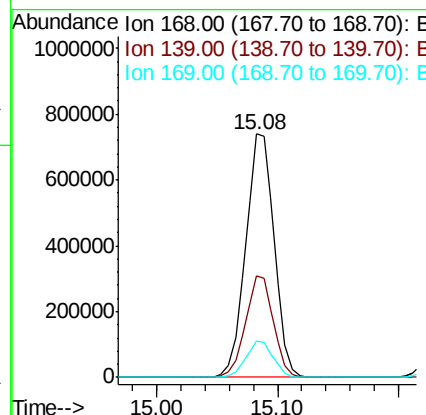
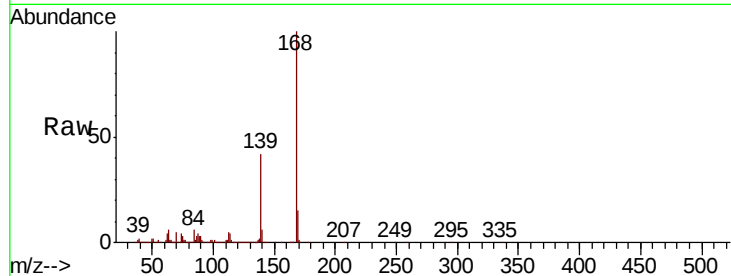
#55
Dibenzenofuran
Concen: 45.764 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.6	49.0
169	14.6	11.8	17.6

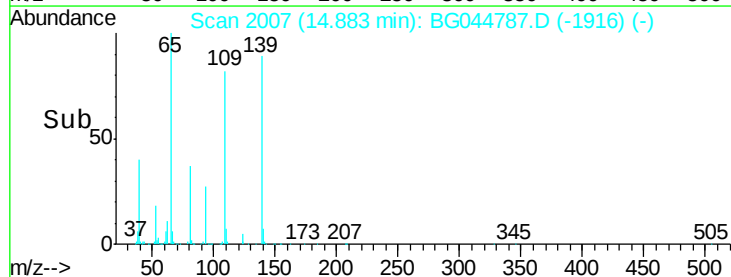
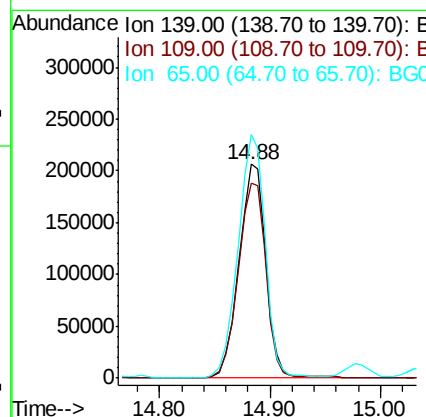
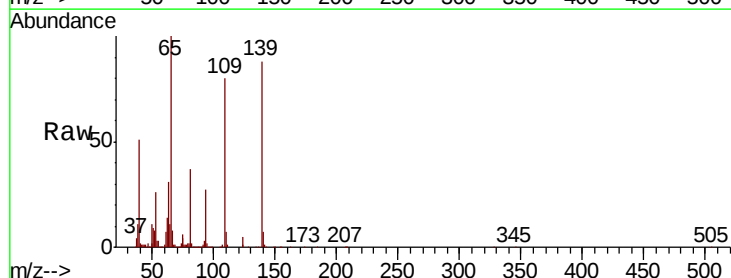
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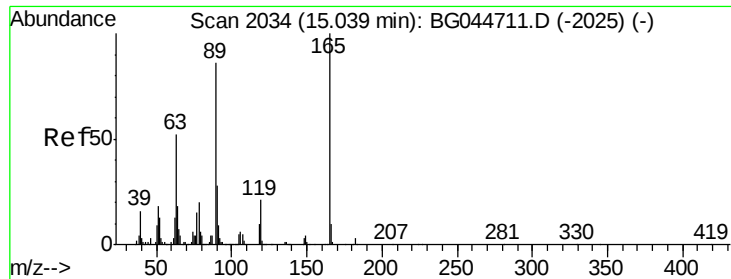
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#56
4-Nitrophenol
Concen: 85.704 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.2	74.1	114.1
65	113.8	98.6	138.6





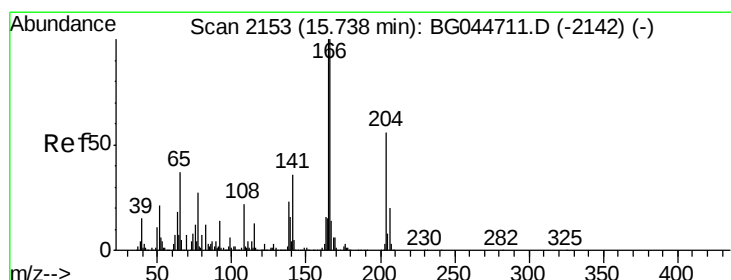
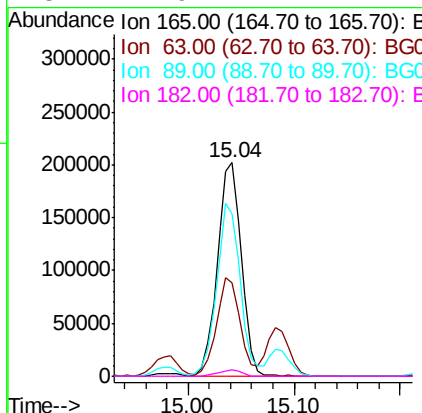
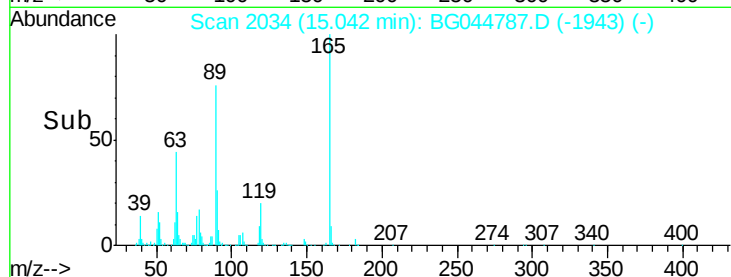
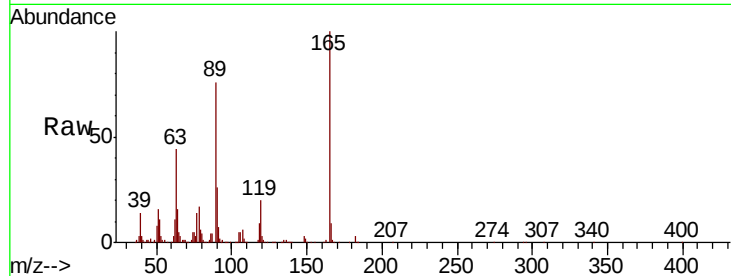
#57
2,4-Dinitrotoluene
Concen: 49.672 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	319452		
63	44.0		41.5	62.3
89	75.9		69.0	103.4
182	2.9		2.7	4.1

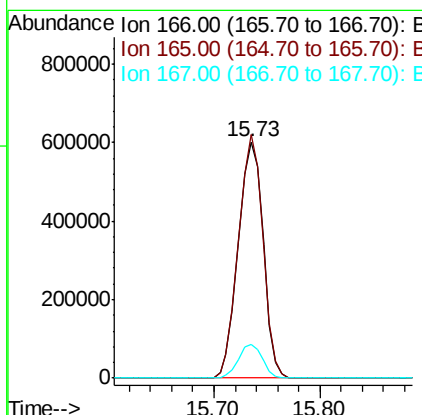
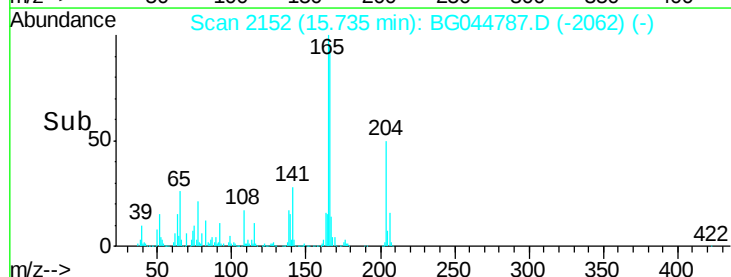
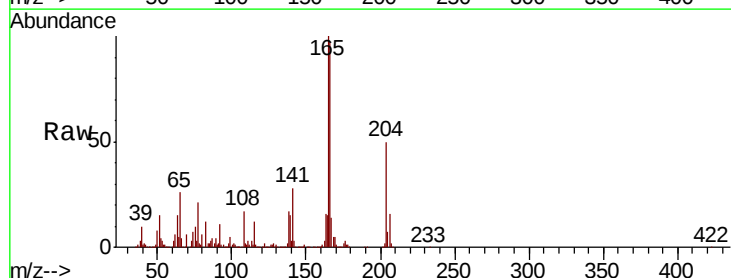
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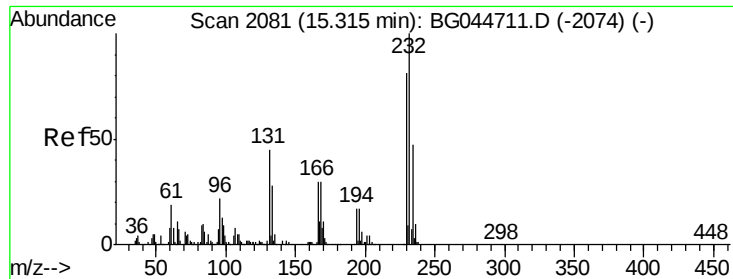
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#58
Fluorene
Concen: 44.939 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	980749		
165	103.0		79.6	119.4
167	14.5		11.4	17.2





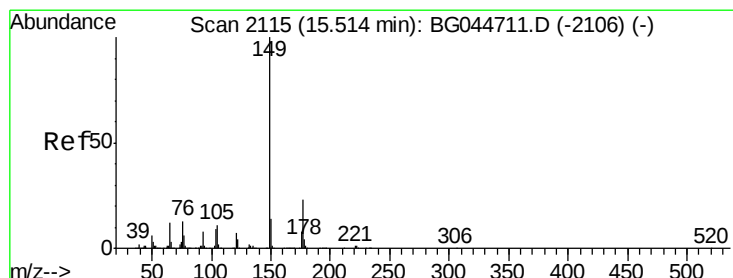
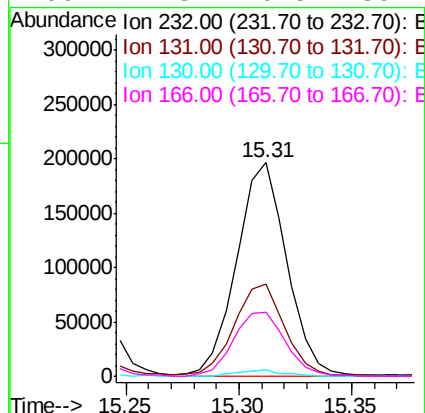
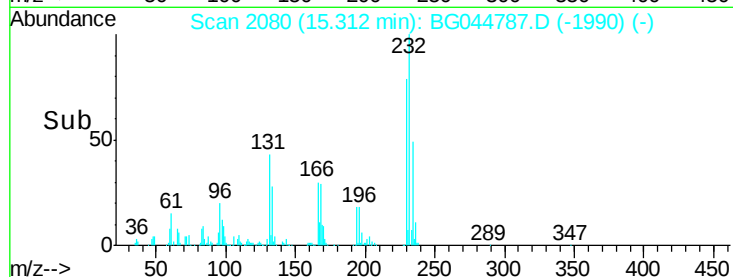
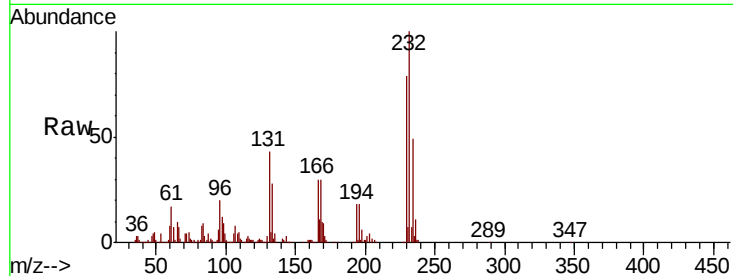
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.852 ng/ml
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	32.4	48.6
130	2.5	2.0	3.0
166	24.3	20.5	30.7

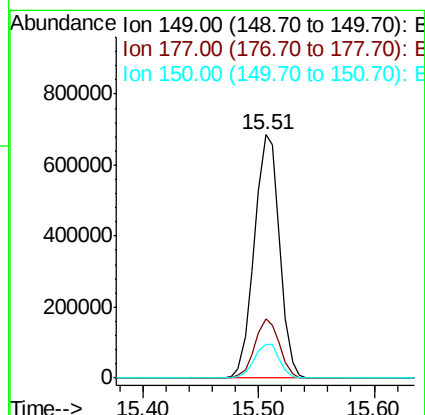
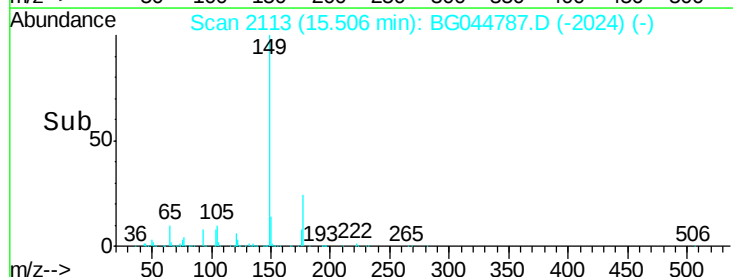
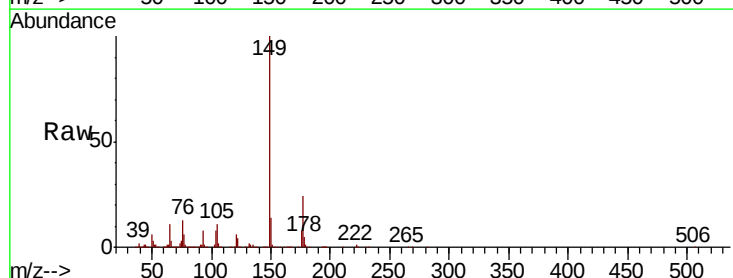
Manual Integrations
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#60
Diethylphthalate
Concen: 43.019 ng/ml
RT: 15.51 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.8	28.2
150	13.7	11.2	16.8





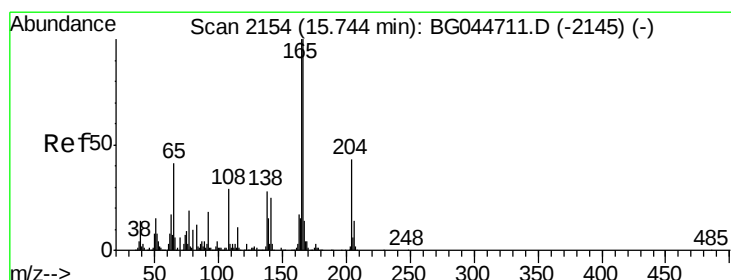
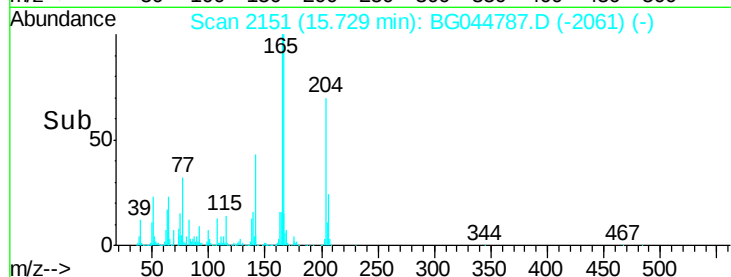
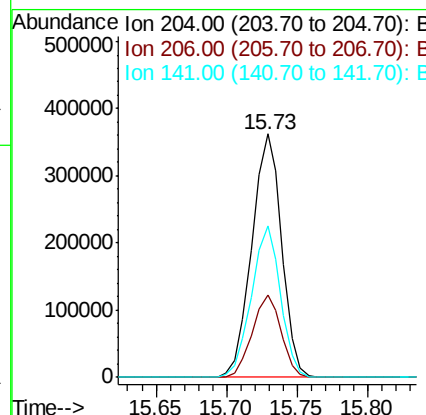
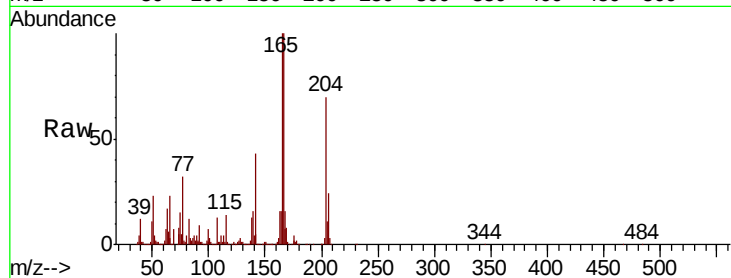
#61
4-Chlorophenyl-phenylether
Concen: 45.757 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.8	38.6
141	62.1	50.8	76.2

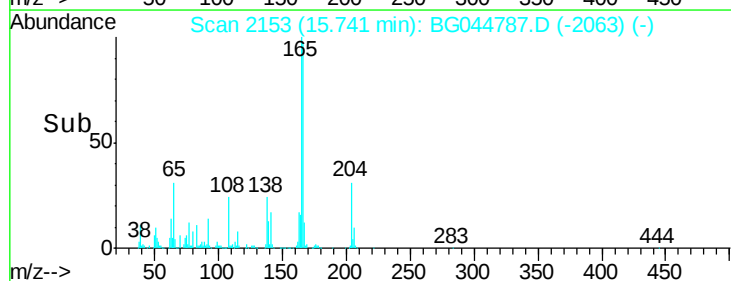
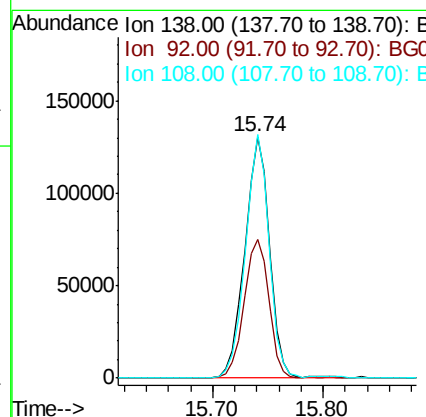
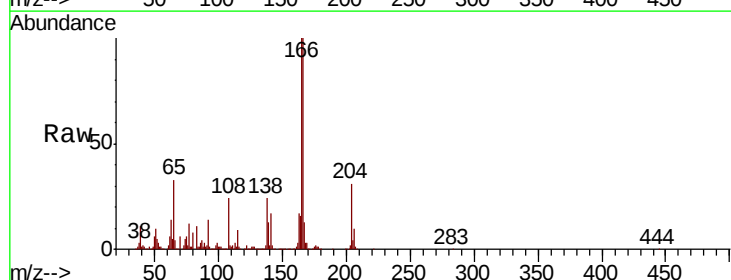
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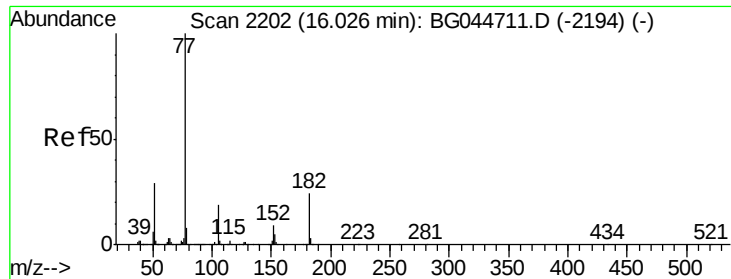
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#62
4-Nitroaniline
Concen: 35.859 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	42.1	82.1
108	101.0	81.2	121.2





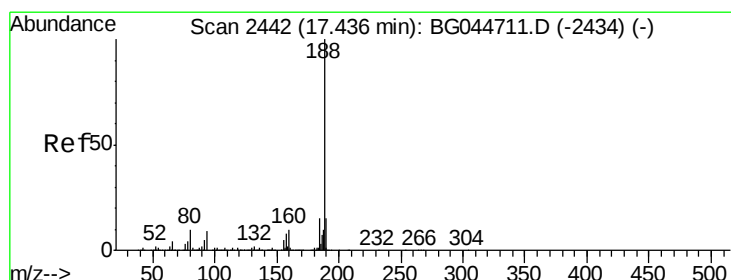
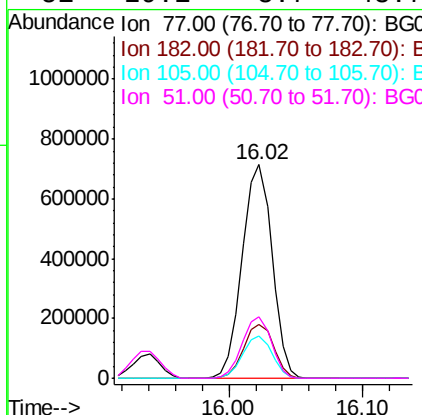
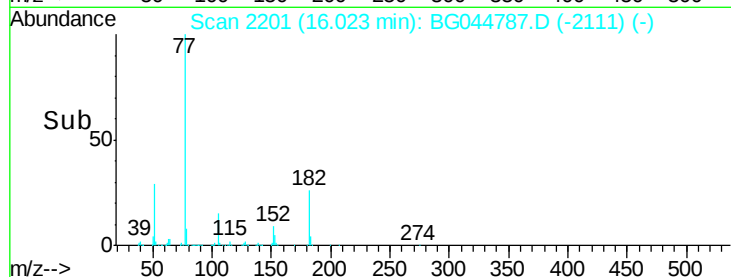
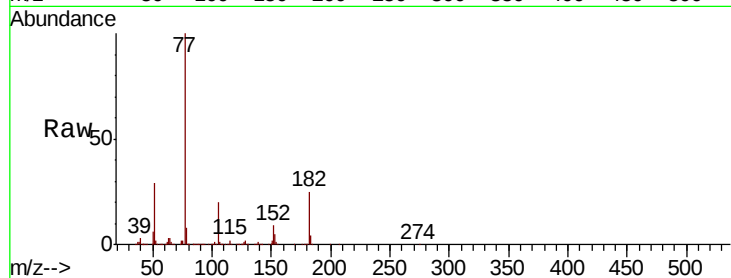
#63
Azobenzene
Concen: 43.767 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.5	3.6	43.6	
105	19.7	0.0	39.3	
51	29.1	8.7	48.7	

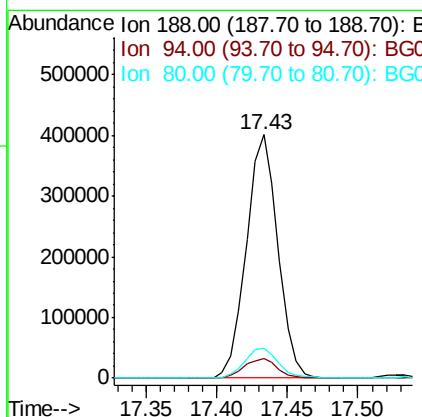
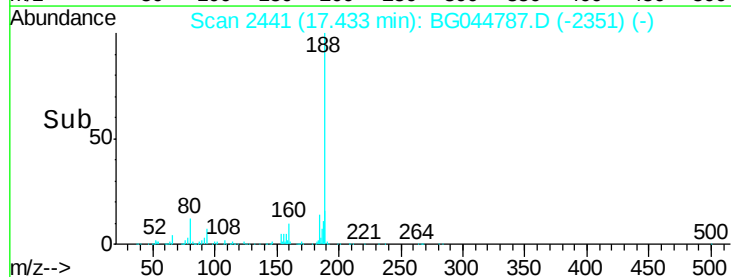
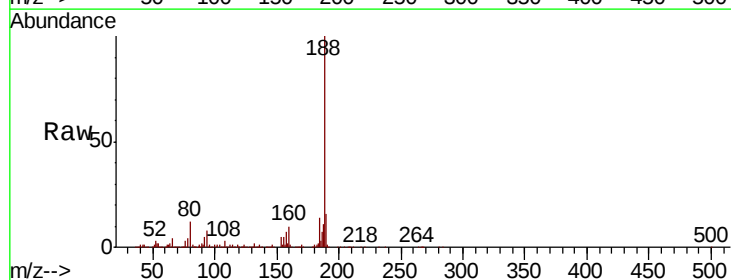
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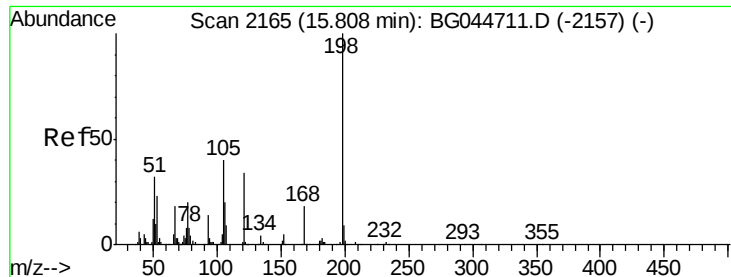
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.0	10.6	
80	12.4	8.4	12.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 23.867 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

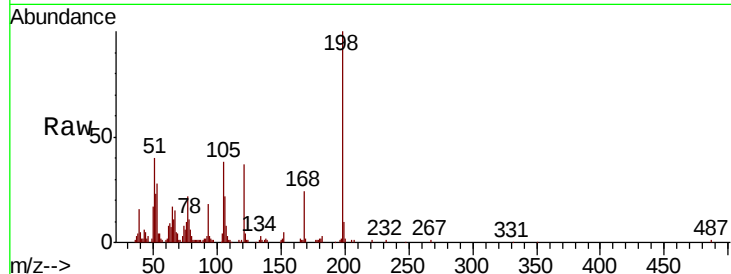
ClientSampleId :

SU-01-031220MS

Tot Ion:	198	Resp:	56757
Ion Ratio	Lower	Upper	
198	100		
51	39.9	20.1	60.1
105	38.5	21.3	61.3

Manual Integrations
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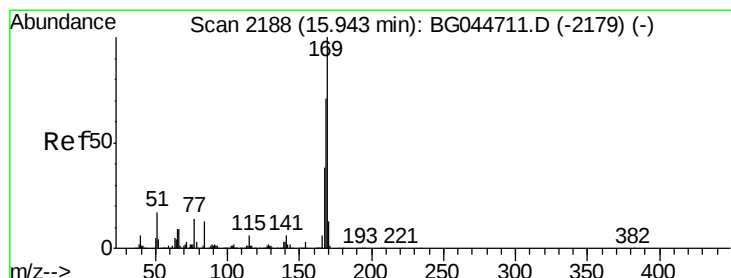
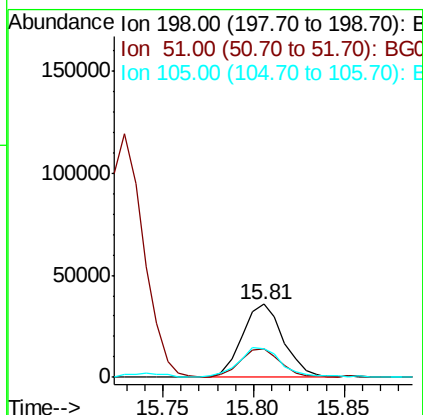
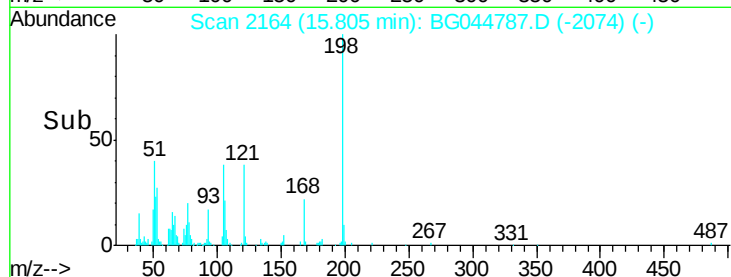
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.054 ng

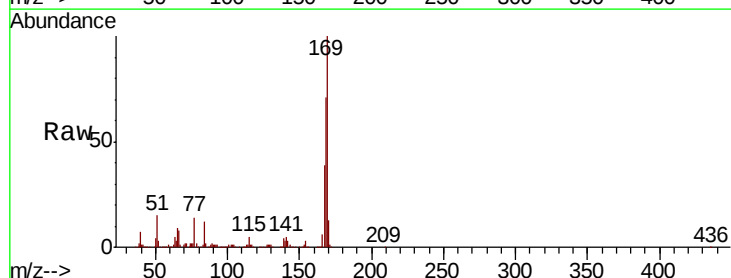
RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

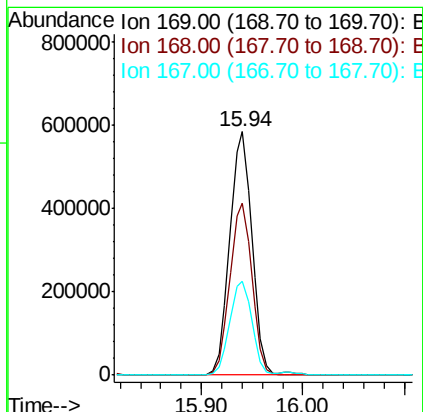
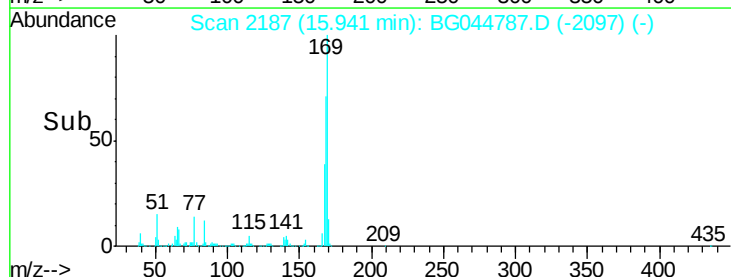
Tgt Ion:	169	Resp:	888269
Ion Ratio	Lower	Upper	
169	100		
168	70.8	56.6	85.0
167	38.6	30.1	45.1

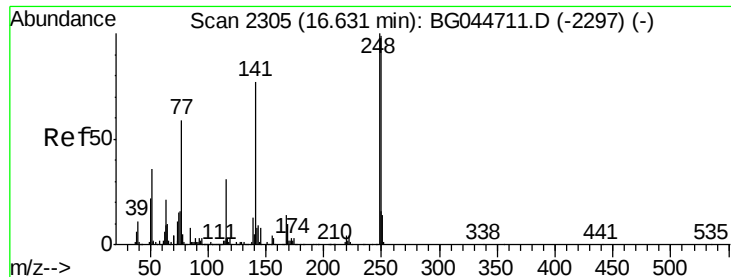


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





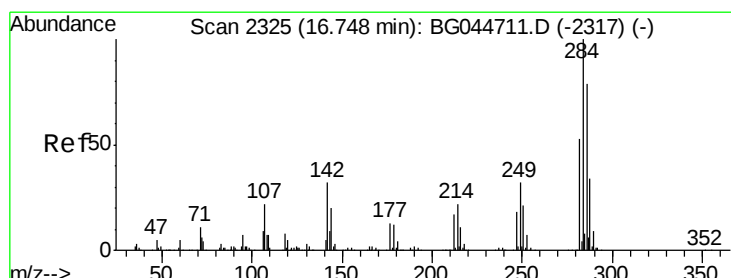
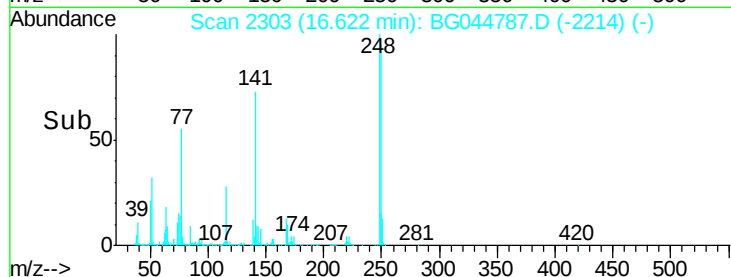
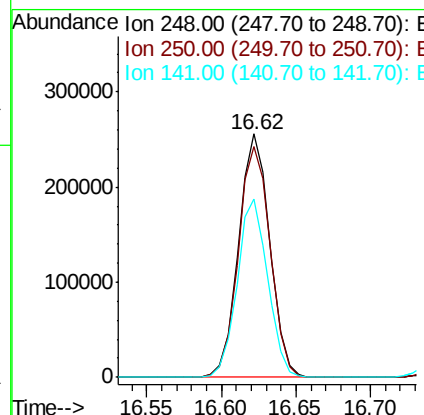
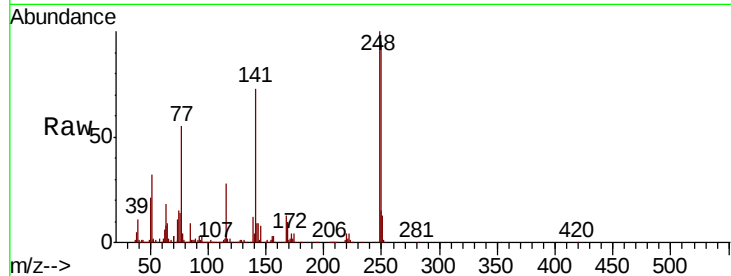
#67
4-Bromophenyl-phenylether
Concen: 47.260 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	79.4	119.0
141	73.4	61.7	92.5

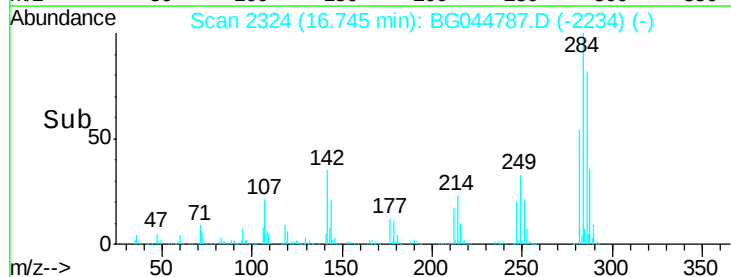
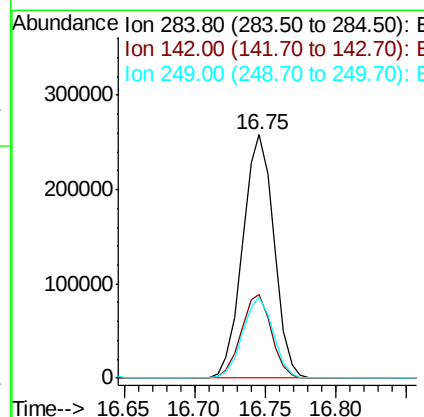
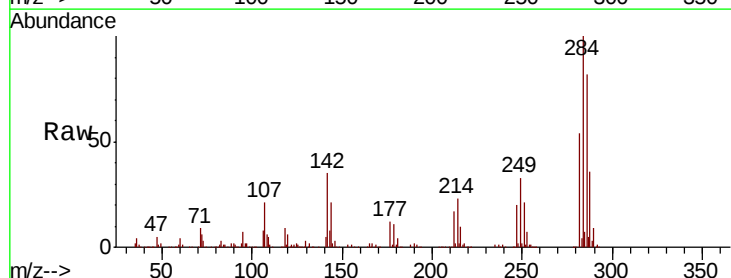
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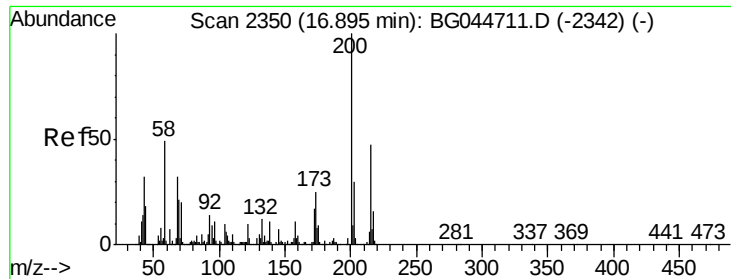
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#68
Hexachlorobenzene
Concen: 46.986 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	25.6	38.4
249	33.2	25.8	38.6





#69

Atrazine

Concen: 49.531 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

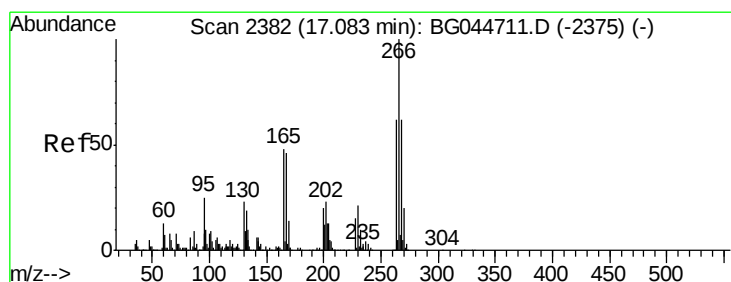
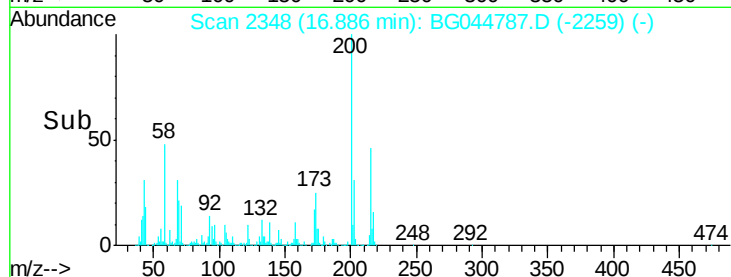
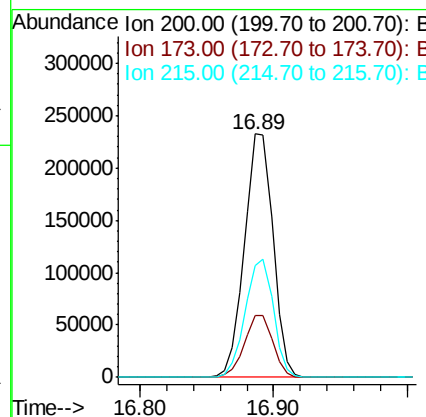
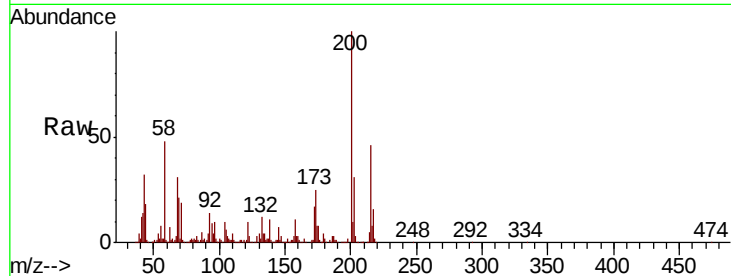
ClientSampleId :

SU-01-031220MS

Tot Ion:	200	Resp:	342565
Ion Ratio	Lower	Upper	
200	100		
173	25.2	4.8	44.8
215	45.9	27.4	67.4

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#70

Pentachlorophenol

Concen: 101.744 ng

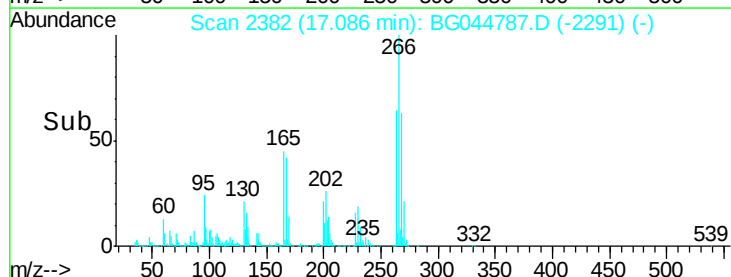
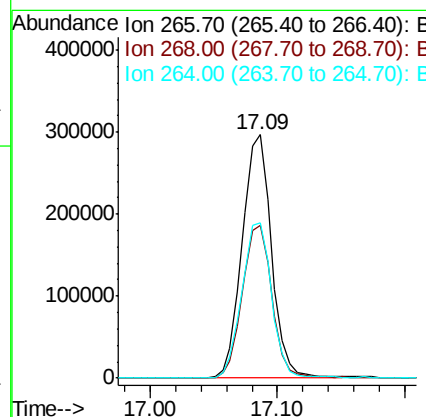
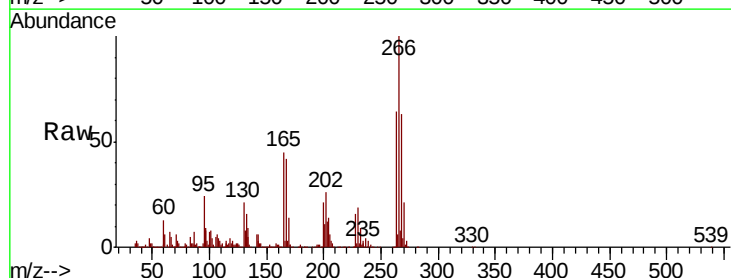
RT: 17.09 min Scan# 2382

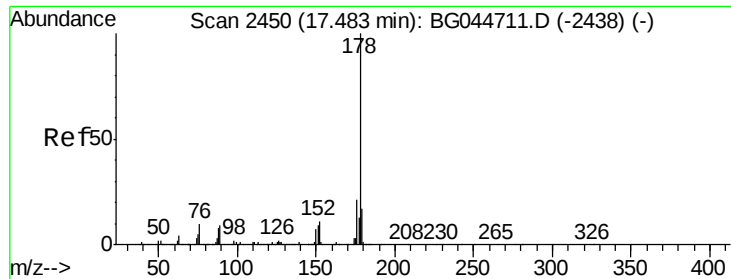
Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	266	Resp:	476063
Ion Ratio	Lower	Upper	
266	100		
268	62.7	49.9	74.9
264	63.8	49.9	74.9





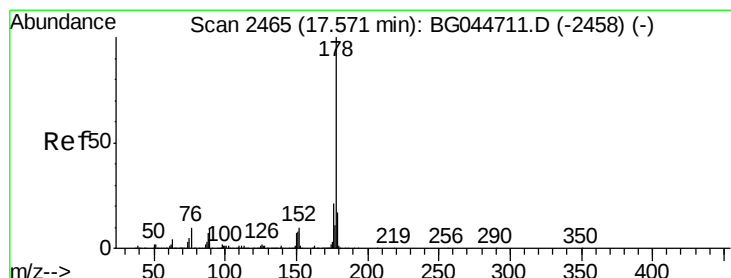
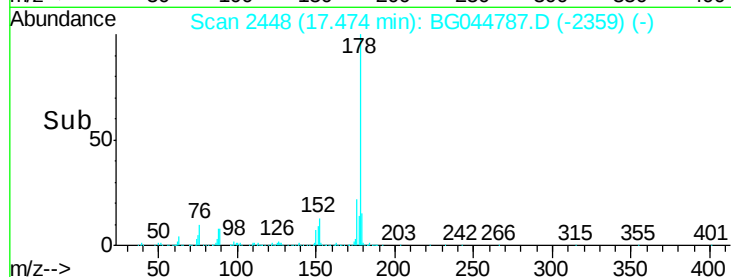
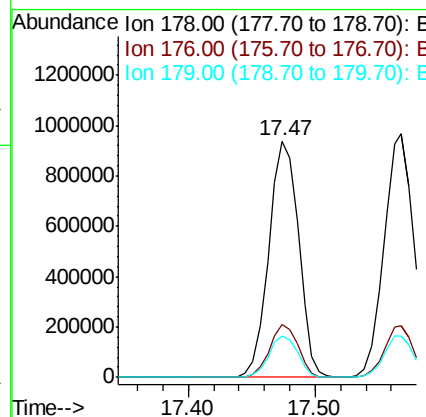
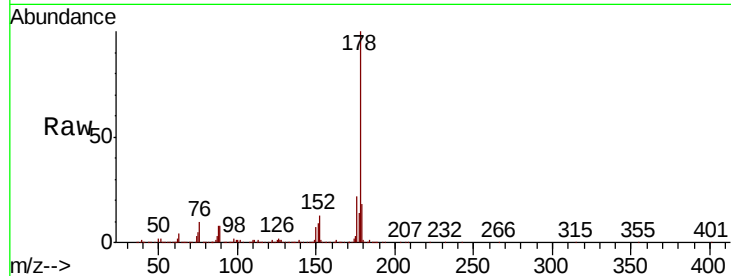
#71
Phenanthrene
Concen: 45.732 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion:178 Resp: 1532337
Ion Ratio Lower Upper
178 100
176 22.2 17.0 25.6
179 17.6 13.7 20.5

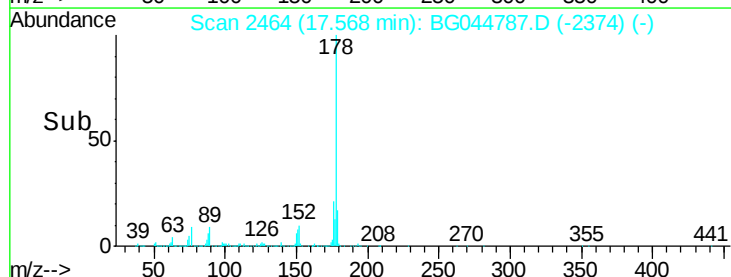
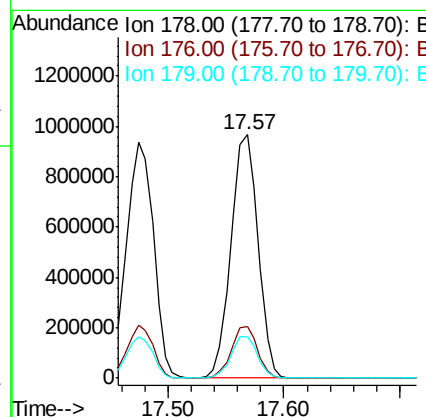
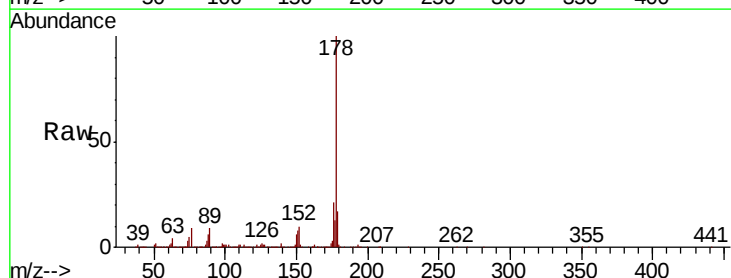
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#72
Anthracene
Concen: 47.531 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion:178 Resp: 1570401
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.6
179 17.2 13.8 20.8





#73

Carbazole

Concen: 45.419 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MS

Tot Ion:167 Resp: 1441444

Ion Ratio Lower Upper

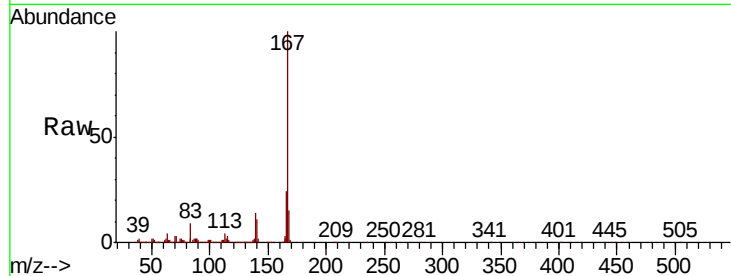
167 100

166 24.2 19.6 29.4

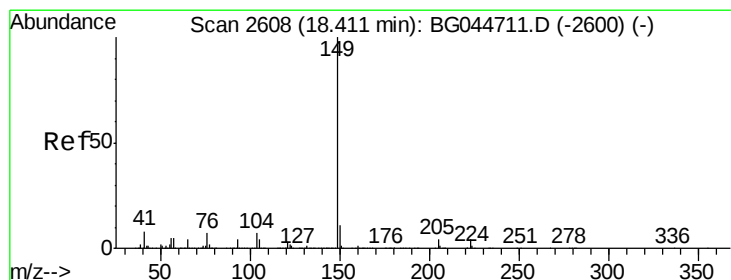
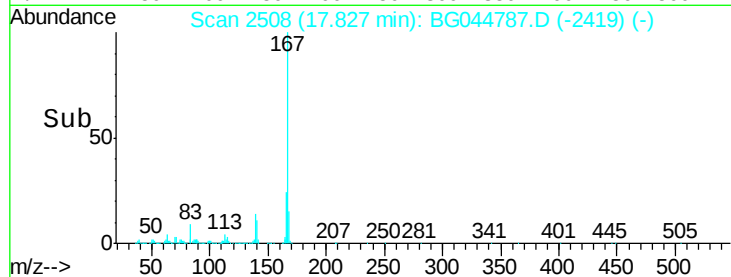
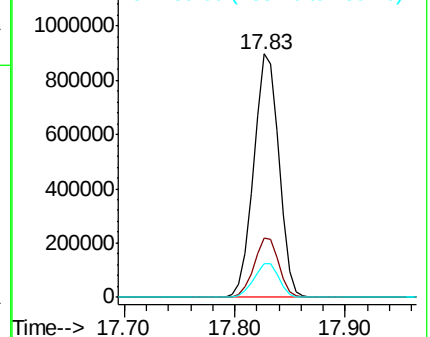
139 14.1 11.4 17.2

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Abundance Ion 167.00 (166.70 to 167.70): E
1200000 Ion 166.00 (165.70 to 166.70): E
1000000 Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.405 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

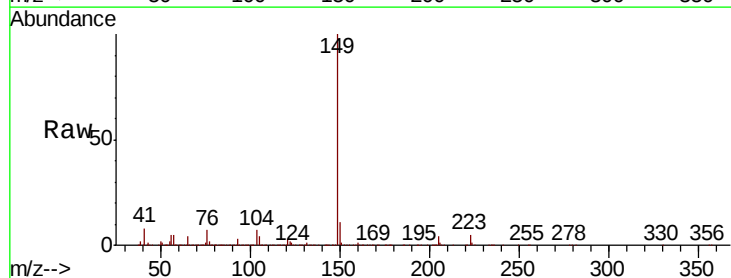
Tgt Ion:149 Resp: 1674549

Ion Ratio Lower Upper

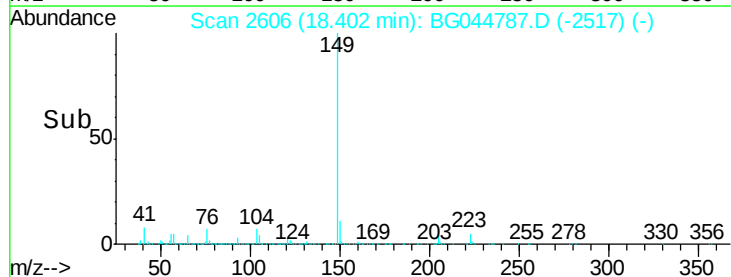
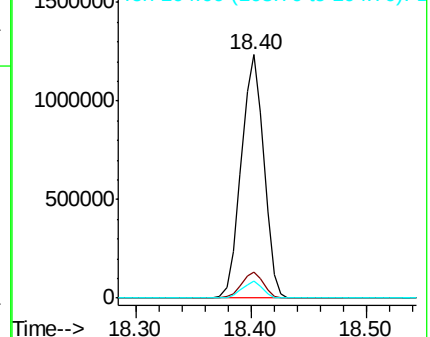
149 100

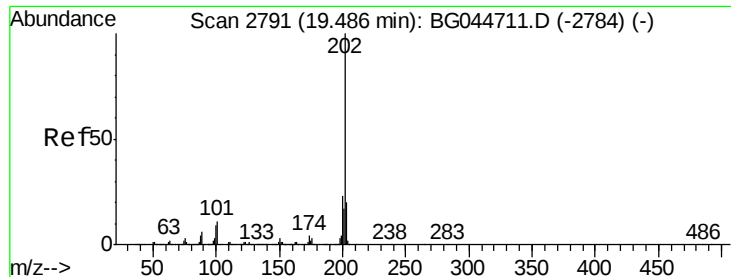
150 10.7 8.4 12.6

104 6.9 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 150.00 (149.70 to 150.70): E
1000000 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.018 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

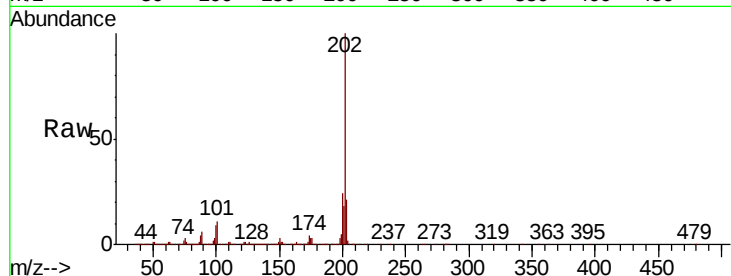
ClientSampleId :

SU-01-031220MS

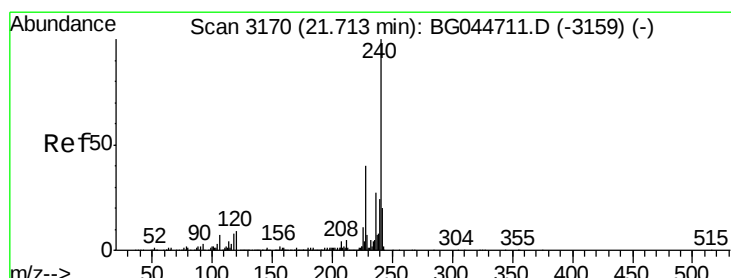
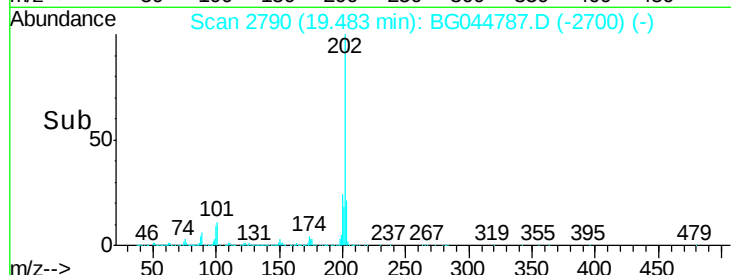
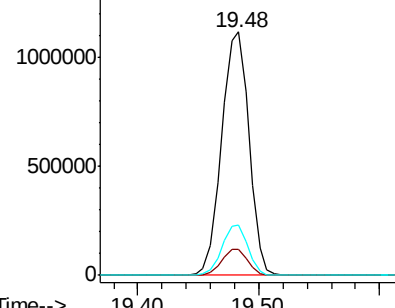
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.3
203	20.9	0.4	40.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

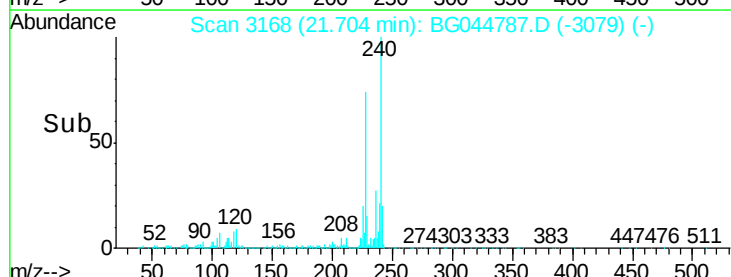
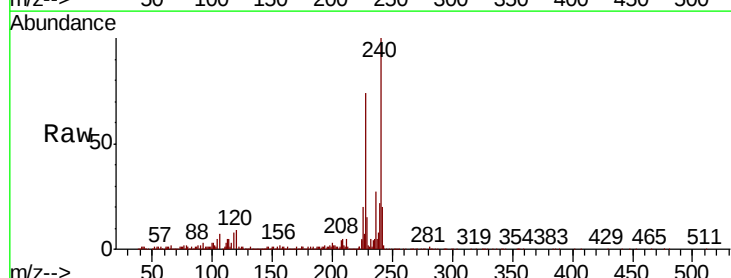
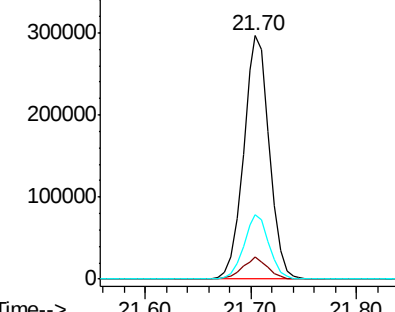
Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.9	10.3
236	26.6	21.9	32.9

Abundance Ion 240.00 (239.70 to 240.70): E
400000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.965 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

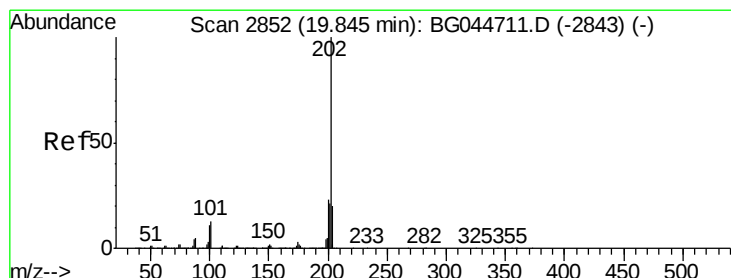
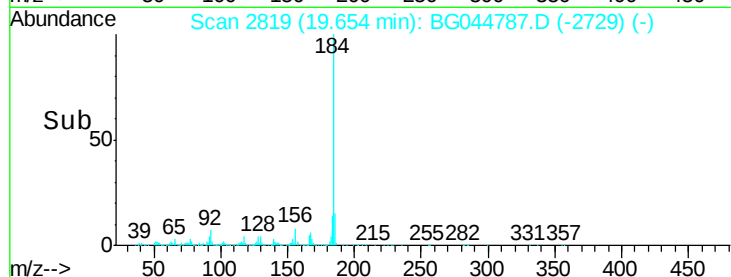
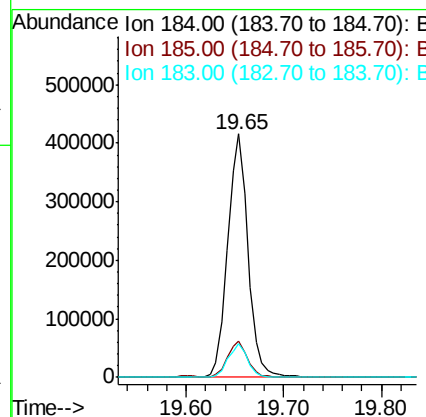
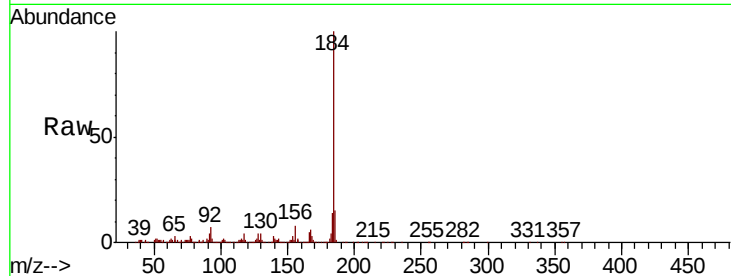
ClientSampleId :

SU-01-031220MS

Tot Ion:	184	Resp:	599048
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.9	19.3
183	13.8	10.6	15.8

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#78

Pyrene

Concen: 47.876 ng

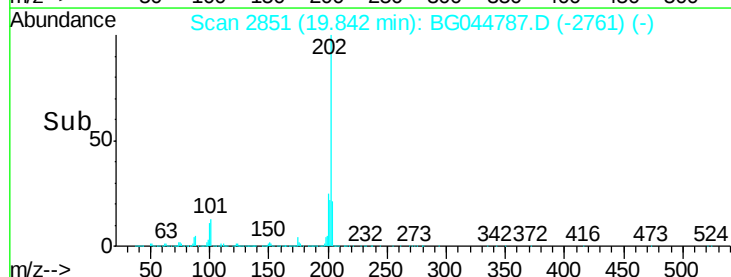
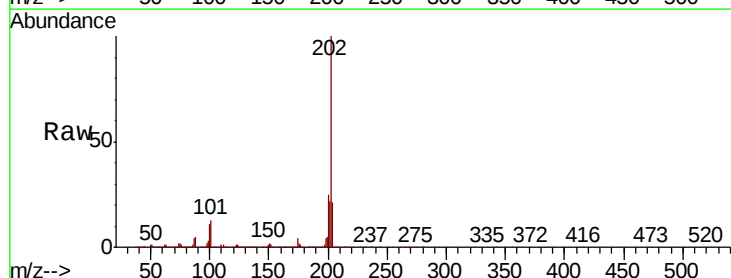
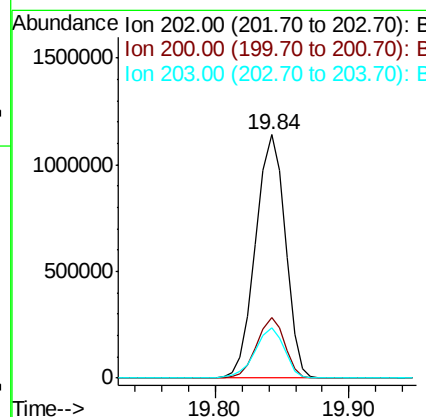
RT: 19.84 min Scan# 2851

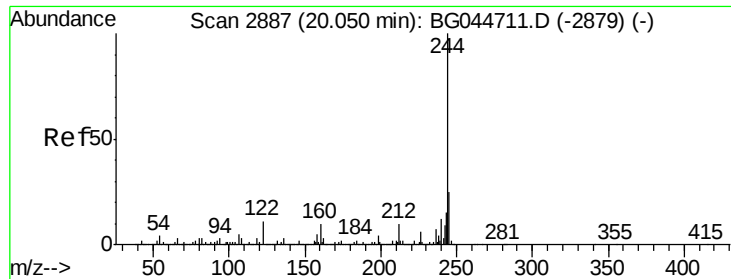
Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	202	Resp:	1753405
Ion Ratio	Lower	Upper	
202	100		
200	24.9	18.7	28.1
203	20.6	16.0	24.0





#79

Terphenyl-d14

Concen: 90.204 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MS

Tot Ion:244 Resp: 2407252

Ion Ratio Lower Upper

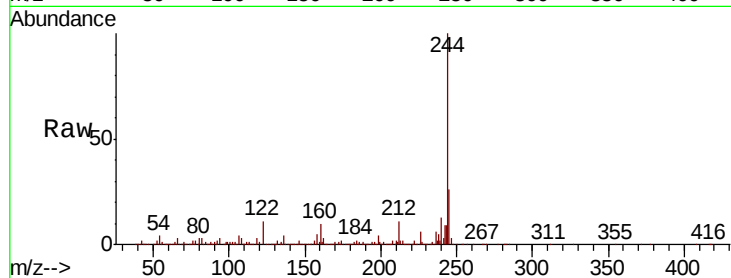
244 100

212 10.6 8.4 12.6

122 11.2 8.7 13.1

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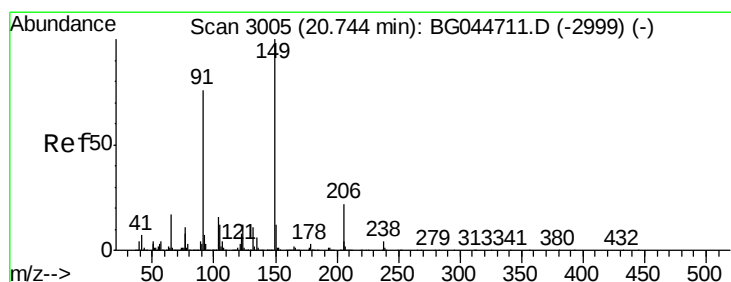
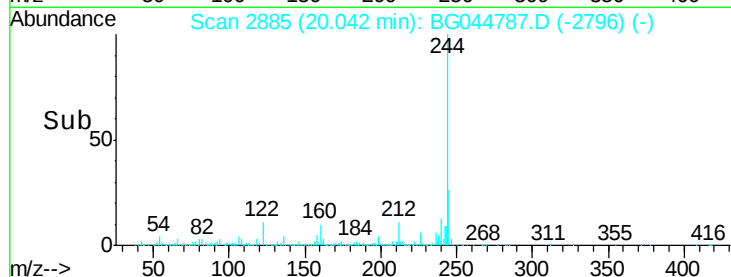
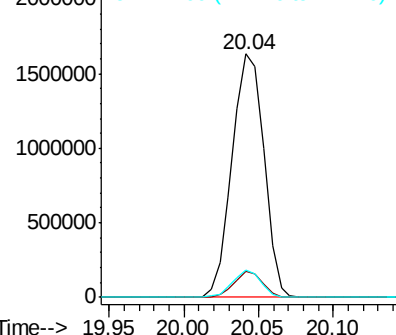
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.559 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

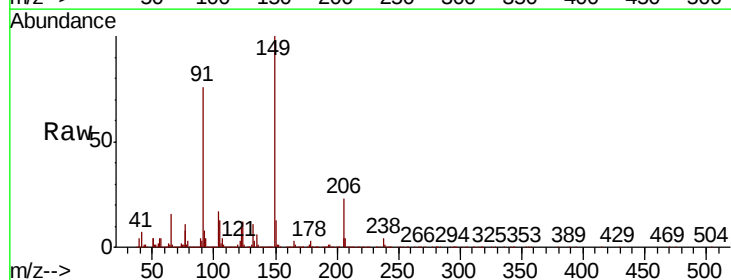
Tgt Ion:149 Resp: 758590

Ion Ratio Lower Upper

149 100

91 76.3 61.1 91.7

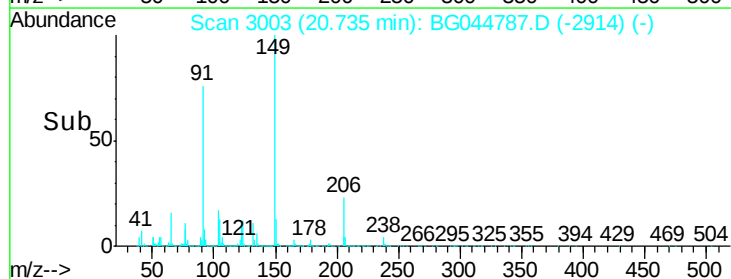
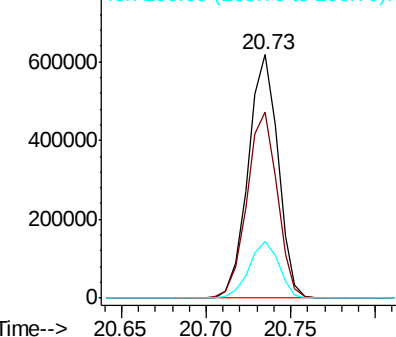
206 23.5 17.4 26.2

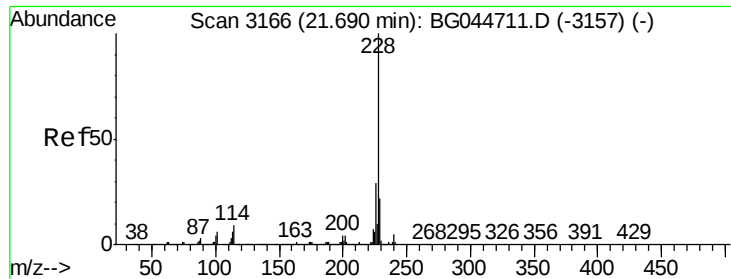


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.582 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MS

Tot Ion:228 Resp: 1674397

Ion Ratio Lower Upper

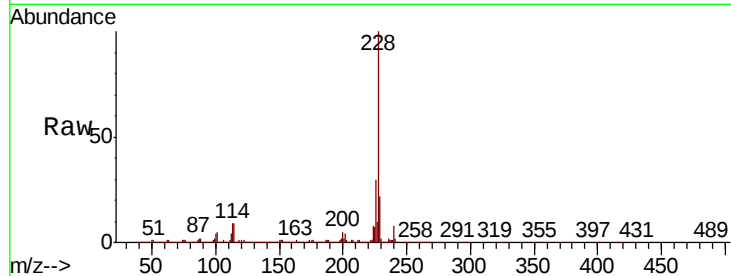
228 100

226 30.1 23.5 35.3

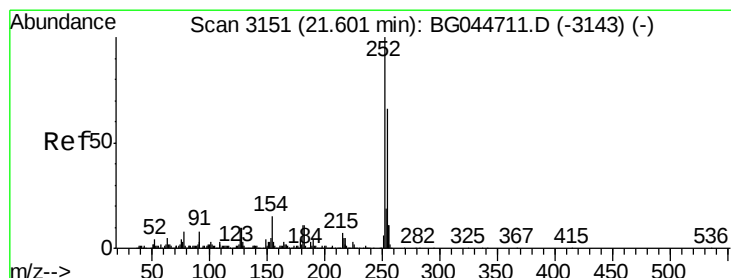
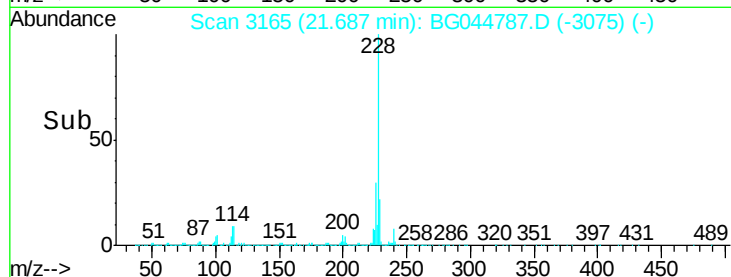
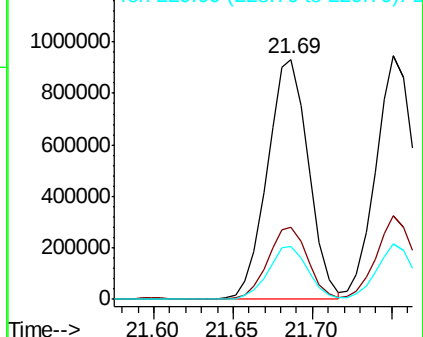
229 22.3 17.2 25.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.103 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

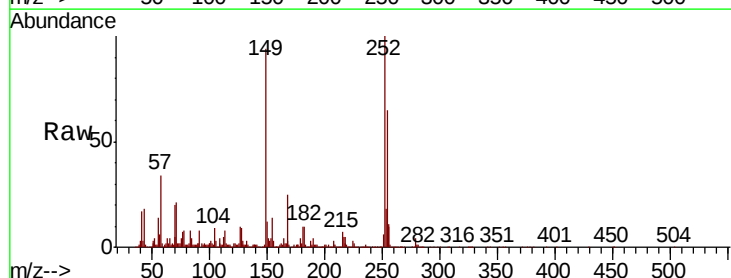
Tgt Ion:252 Resp: 474241

Ion Ratio Lower Upper

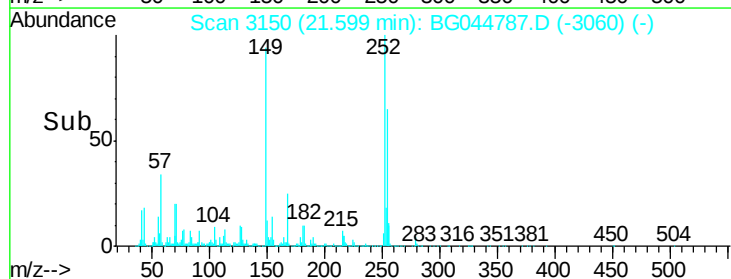
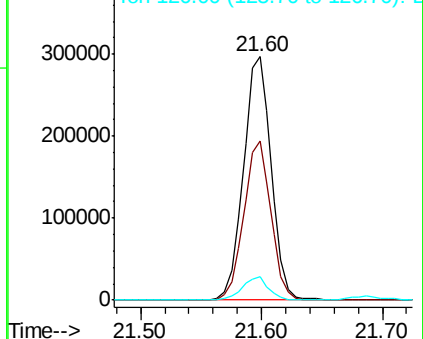
252 100

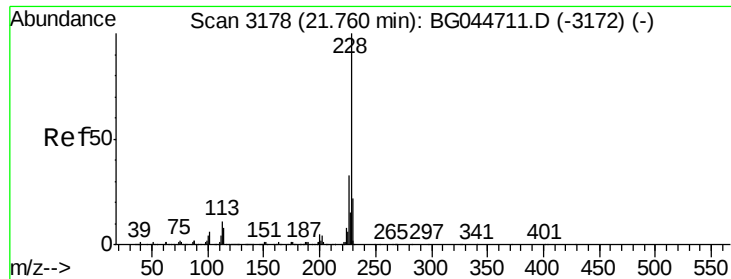
254 65.3 53.0 79.4

126 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





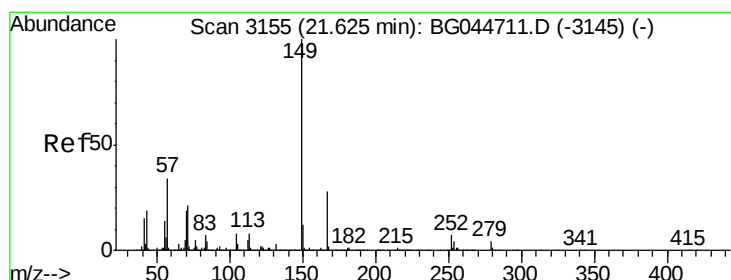
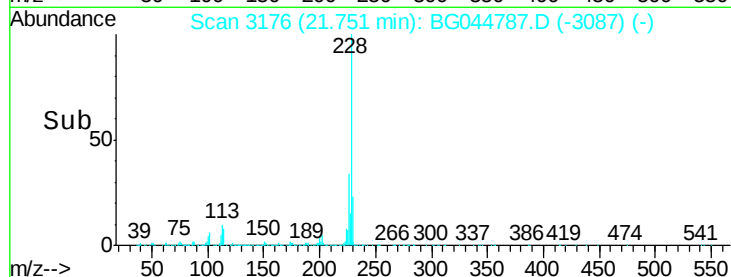
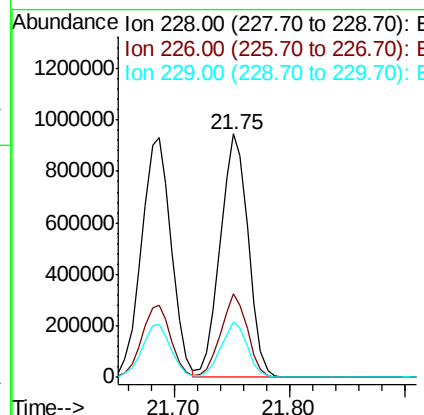
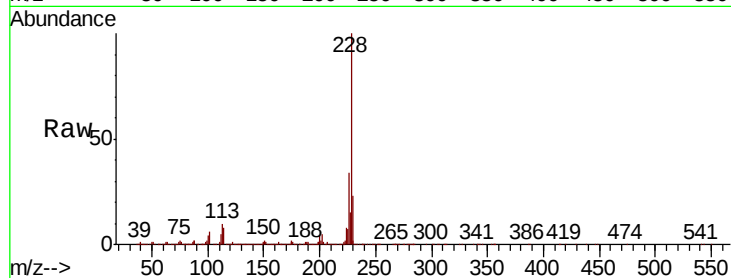
#83
 Chrysene
 Concen: 46.068 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	26.1	39.1
229	22.6	17.4	26.0

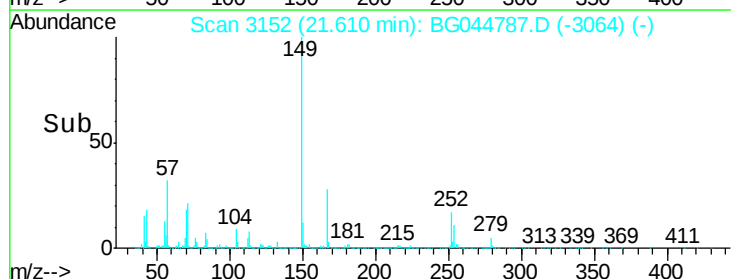
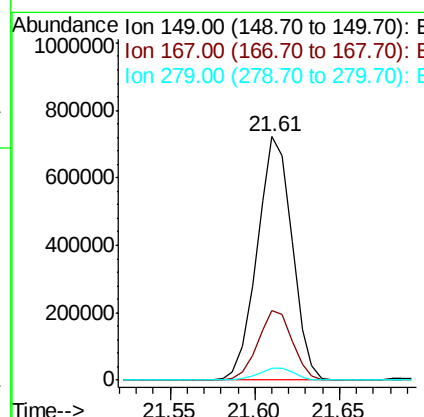
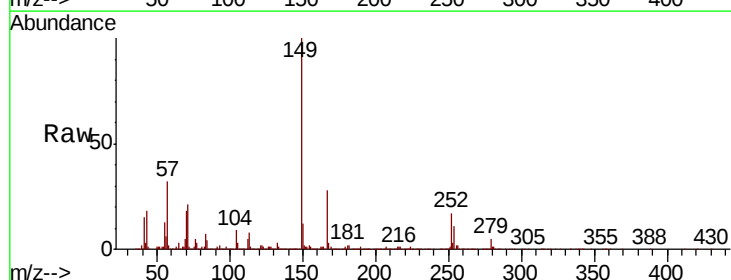
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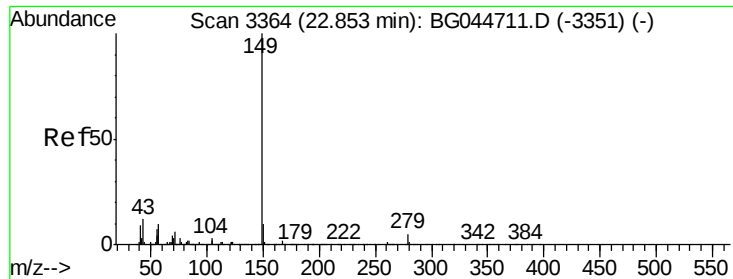
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.015 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG044787.D
 Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	33.8
279	4.8	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 46.861 ng

RT: 22.83 min Scan# 3360

Delta R.T. -0.02 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MS

Tot Ion:149 Resp: 1763334

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

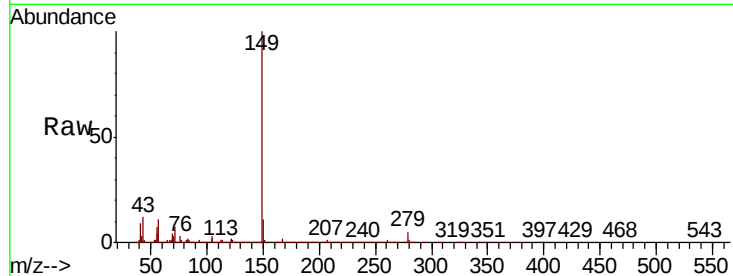
43 11.1 9.0 13.6

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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

1200000

1000000

800000

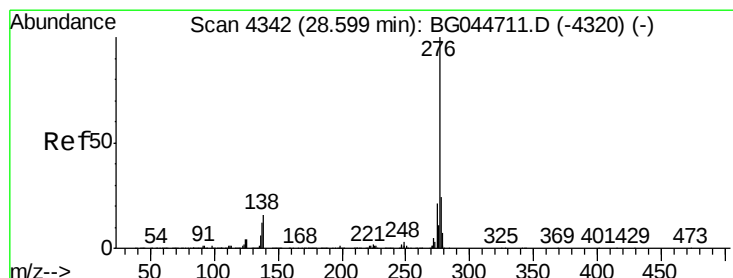
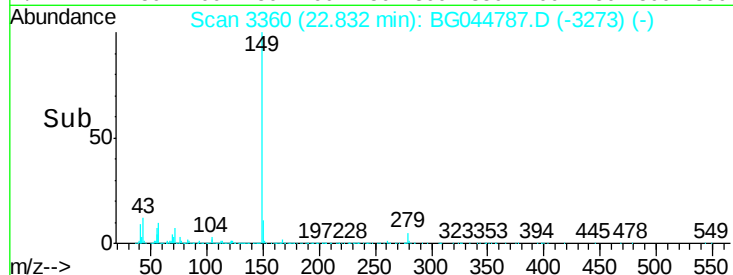
600000

400000

200000

0

22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.333 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

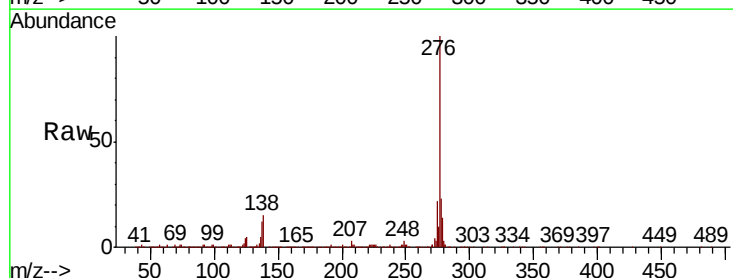
Tgt Ion:276 Resp: 1950632

Ion Ratio Lower Upper

276 100

138 11.3 10.9 16.3

277 25.7 20.8 31.2



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

400000

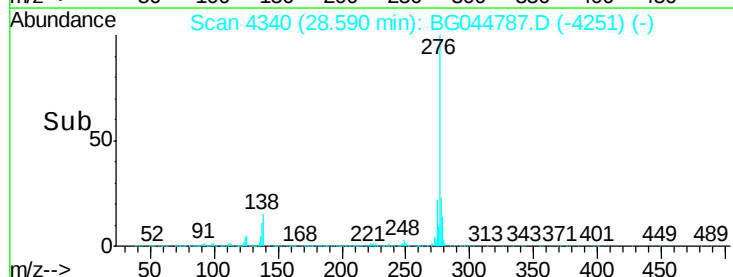
300000

200000

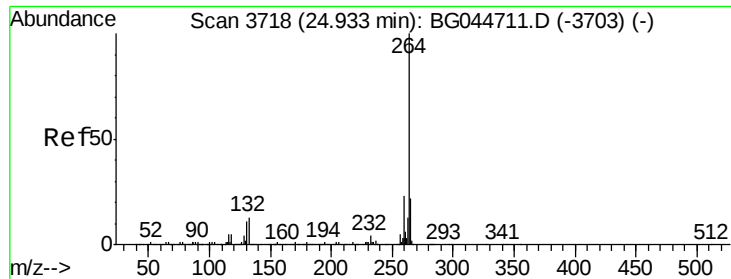
100000

0

28.40 28.60 28.80



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA_G

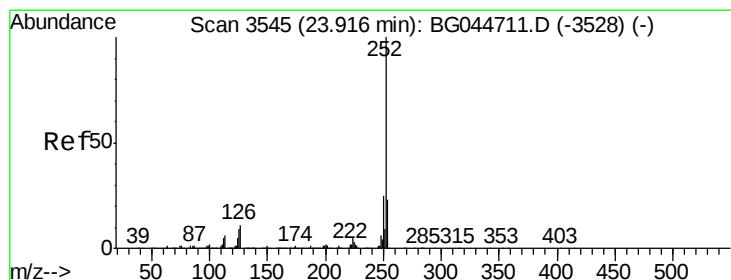
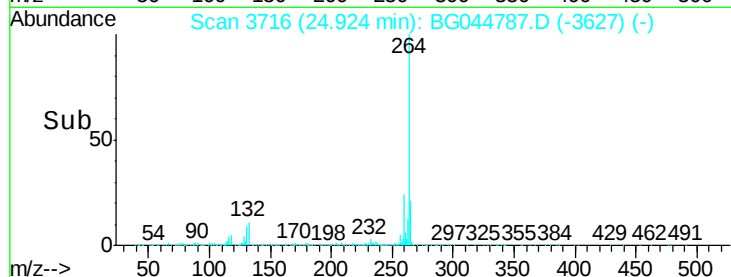
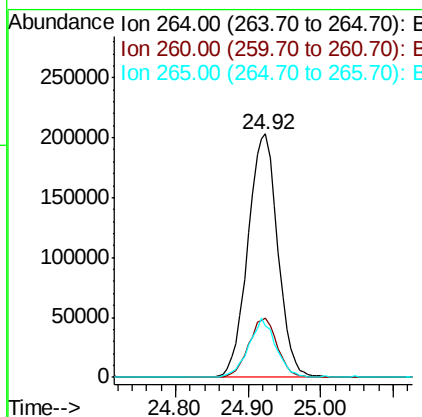
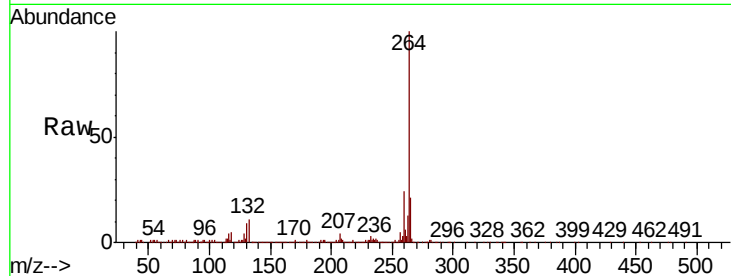
ClientSampleId :

SU-01-031220MS

Tot Ion:	264	Resp:	580096
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.4	27.6
265	21.3	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 45.275 ng

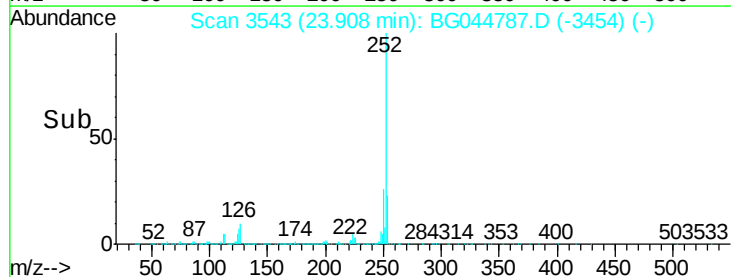
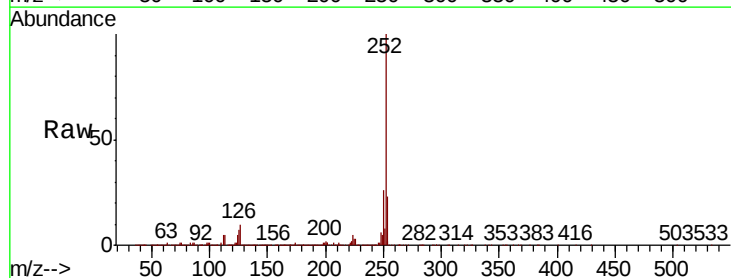
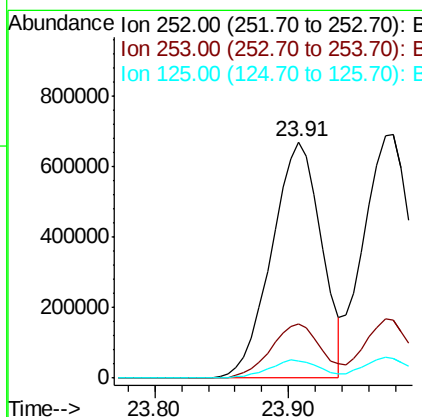
RT: 23.91 min Scan# 3543

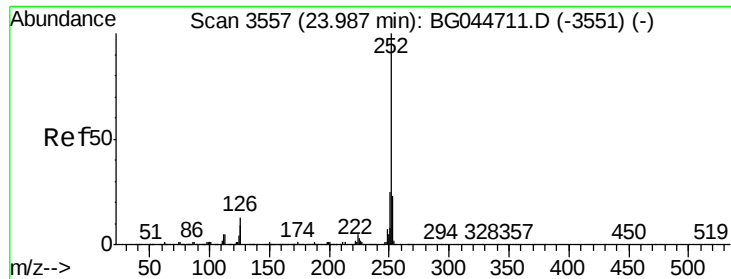
Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:	252	Resp:	1733867
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.7	28.1
125	7.4	7.2	10.8





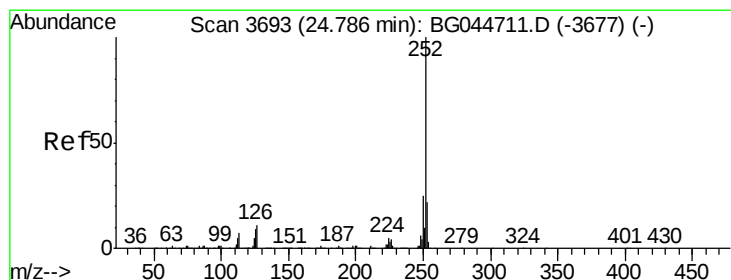
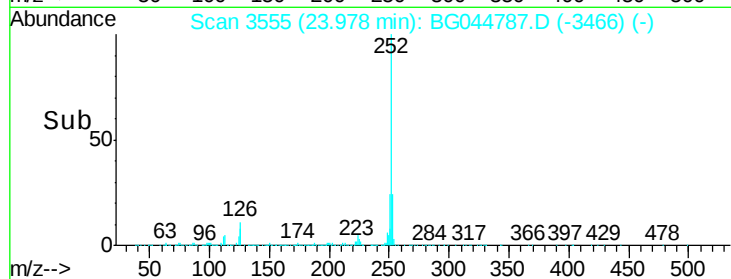
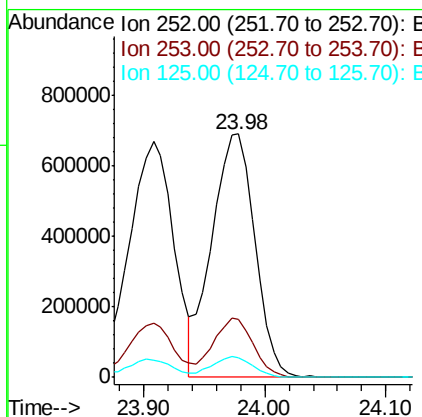
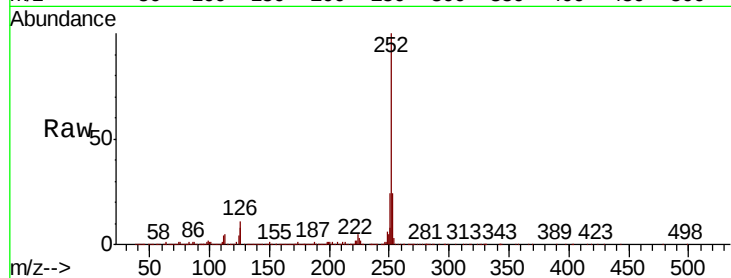
#89
Benzo(k)fluoranthene
Concen: 47.081 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	7.9	7.0	10.4

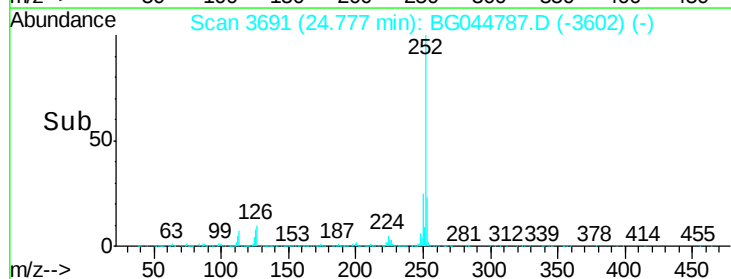
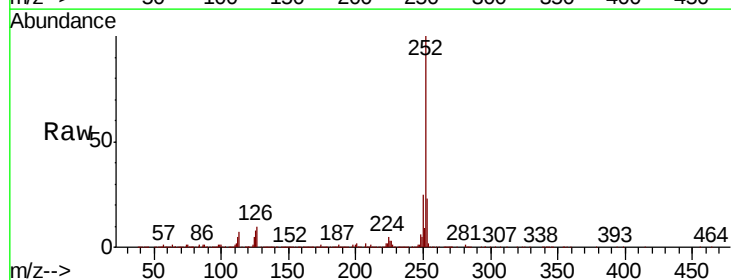
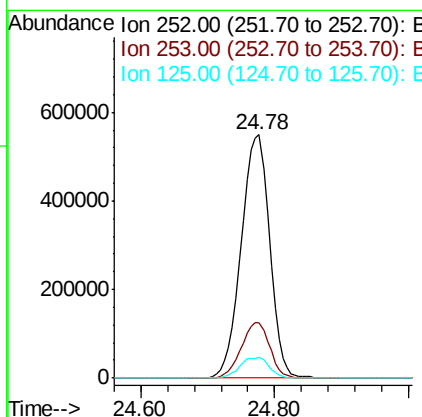
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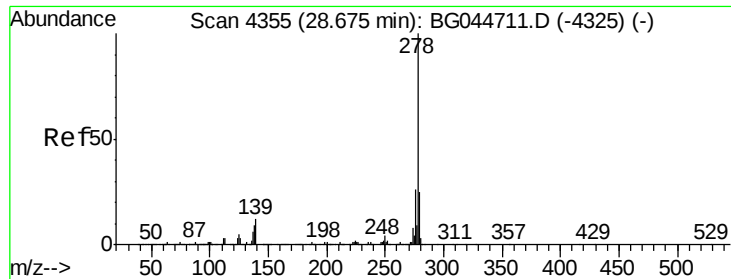
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#90
Benzo(a)pyrene
Concen: 44.864 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	8.5	7.0	10.6





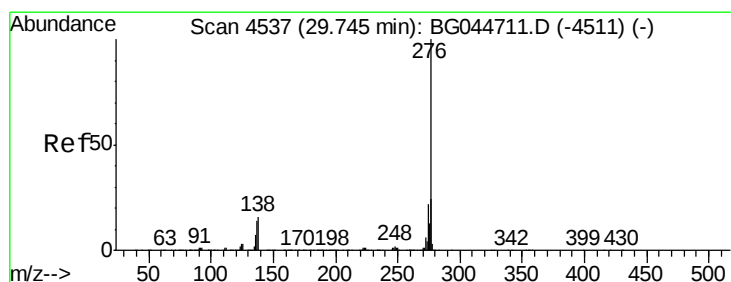
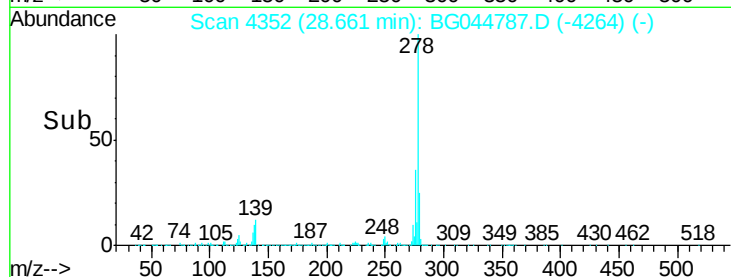
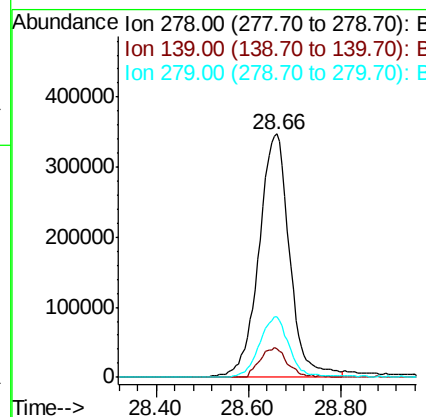
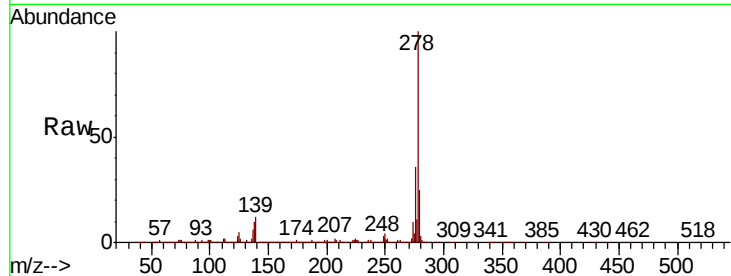
#91
Dibenzo(a,h)anthracene
Concen: 45.415 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.01 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.9	14.9
279	24.9	20.2	30.4

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#92
Benzo(g,h,i)perylene
Concen: 42.374 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.02 min
Lab File: BG044787.D
Acq: 14 Mar 2020 6:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	15.0	13.0	19.4

