

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044788.D
 Acq On : 14 Mar 2020 7:29
 Operator : CG/JU
 Sample : L1761-10MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Manual Integrations
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mohammad
 3/18/2020 8:43:30 AM

Quant Time: Mar 16 02:16:52 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	110468	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	430345	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	285104	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	618849	20.00	ng	0.00
76) Chrysene-d12	21.70	240	501081	20.00	ng	0.00
87) Perylene-d12	24.92	264	571491	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	839340	118.28	ng	0.00
7) Phenol-d6	7.21	99	1098615	106.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	864701	88.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	525685	140.82	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1724635	86.63	ng	0.00
79) Terphenyl-d14	20.04	244	2428890	90.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	109162	31.944	ng	# 33
3) Pyridine	3.94	79	185679	18.354	ng	98
4) n-Nitrosodimethylamine	3.83	42	151931	39.582	ng	91
6) Aniline	7.37	93	314548	24.517	ng	94
8) 2-Chlorophenol	7.62	128	343451	48.483	ng	97
9) Benzaldehyde	7.19	77	269620	44.236	ng	99
10) Phenol	7.24	94	410394	40.205	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	348171	42.738	ng	99
12) 1,3-Dichlorobenzene	7.94	146	310120	35.538	ng	96
13) 1,4-Dichlorobenzene	8.09	146	313270	36.312	ng	99
14) 1,2-Dichlorobenzene	8.41	146	297696	36.384	ng	97
15) Benzyl Alcohol	8.29	79	375488	45.390	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	539147	37.502	ng	98
17) 2-Methylphenol	8.49	107	314239	45.447	ng	91
18) Hexachloroethane	9.15	117	118384	34.855	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	304302	41.798	ng	97
20) 3+4-Methylphenols	8.82	107	431017	45.220	ng	96
22) Acetophenone	8.87	105	538649	44.182	ng	98
24) Nitrobenzene	9.25	77	463702	45.569	ng	99
25) Isophorone	9.78	82	850076	44.413	ng	99
26) 2-Nitrophenol	9.96	139	187453	52.480	ng	94
27) 2,4-Dimethylphenol	10.03	122	333984	53.582	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	475467	41.625	ng	98
29) 2,4-Dichlorophenol	10.51	162	353812	48.598	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	354751	40.751	ng	98
31) Naphthalene	10.92	128	1012856	42.487	ng	98
32) Benzoic acid	10.17	122	194063	41.584	ng	94
33) 4-Chloroaniline	11.02	127	119900	11.164	ng	97
34) Hexachlorobutadiene	11.21	225	221425	38.679	ng	96
35) Caprolactam	11.78	113	96403m	34.973	ng	
36) 4-Chloro-3-methylphenol	12.13	107	405089	46.653	ng	96
37) 2-Methylnaphthalene	12.52	142	781846	43.844	ng	98
38) 1-Methylnaphthalene	12.74	142	745095	44.444	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	423162	45.068	ng	98

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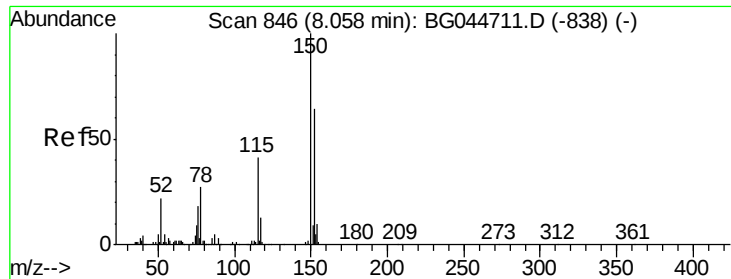
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	225335	43.914	nq	99
43) 2,4,6-Trichlorophenol	13.12	196	313507	50.312	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	329236	50.948	nq	97
46) 1,1'-Biphenyl	13.52	154	983379	43.162	nq	96
47) 2-Chloronaphthalene	13.57	162	765329	43.973	nq	99
48) 2-Nitroaniline	13.75	65	298015	48.909	nq	98
49) Acenaphthylene	14.41	152	1264488	46.375	nq	100
50) Dimethylphthalate	14.14	163	1056543	46.529	nq	99
51) 2,6-Dinitrotoluene	14.25	165	228941	50.019	nq	96
52) Acenaphthene	14.75	154	790814	44.285	nq	99
53) 3-Nitroaniline	14.58	138	150791	28.655	nq	100
54) 2,4-Dinitrophenol	14.78	184	71949	35.275	nq	# 76
55) Dibenzofuran	15.09	168	1199491	46.321	nq	98
56) 4-Nitrophenol	14.89	139	352831	87.855	nq	96
57) 2,4-Dinitrotoluene	15.04	165	314993	50.179	nq	# 89
58) Fluorene	15.73	166	973448	45.698	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	301165m	50.620	nq	
60) Diethylphthalate	15.51	149	1041428	43.973	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	527282	45.970	nq	97
62) 4-Nitroaniline	15.74	138	210180	37.457	nq	98
63) Azobenzene	16.02	77	1089415	44.296	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	61815	25.537	nq	97
66) n-Nitrosodiphenylamine	15.94	169	875414	46.985	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	365995	47.308	nq	95
68) Hexachlorobenzene	16.74	284	395859	47.164	nq	98
69) Atrazine	16.89	200	336616	49.313	nq	98
70) Pentachlorophenol	17.09	266	478152	103.539	nq	98
71) Phenanthrene	17.47	178	1502189	45.424	nq	99
72) Anthracene	17.57	178	1553844	47.650	nq	99
73) Carbazole	17.83	167	1425539	45.510	nq	99
74) Di-n-butylphthalate	18.40	149	1634939	42.938	nq	99
75) Fluoranthene	19.48	202	1724768	43.803	nq	100
77) Benzidine	19.65	184	636858	39.150	nq	99
78) Pyrene	19.84	202	1720740	46.807	nq	99
80) Butylbenzylphthalate	20.73	149	754912	46.158	nq	98
81) Benzo(a)anthracene	21.69	228	1690309	46.847	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	512625	36.724	nq	99
83) Chrysene	21.75	228	1566360	45.447	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	1035288	45.866	nq	100
85) Di-n-octyl phthalate	22.83	149	1729999	45.802	nq	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	1922506	42.547	nq	# 94
88) Benzo(b)fluoranthene	23.91	252	1772286	46.975	nq	99
89) Benzo(k)fluoranthene	23.98	252	1646648	46.119	nq	98
90) Benzo(a)pyrene	24.77	252	1602304	45.387	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1628089	46.746	nq	97
92) Benzo(g,h,i)perylene	29.72	276	1526831	43.391	nq	98

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



#1

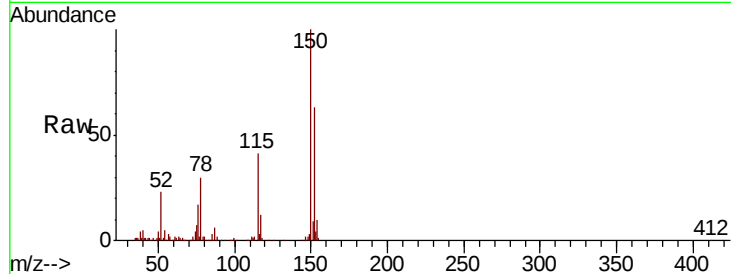
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.3	187.9
115	64.0	51.7	77.5

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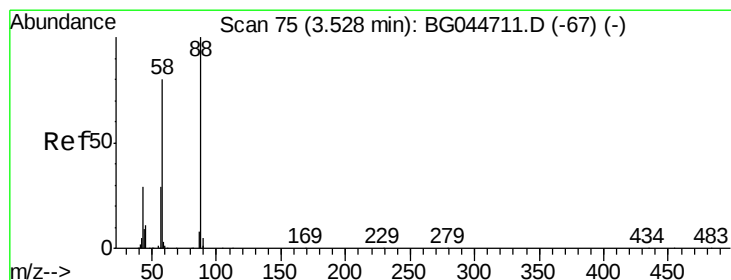
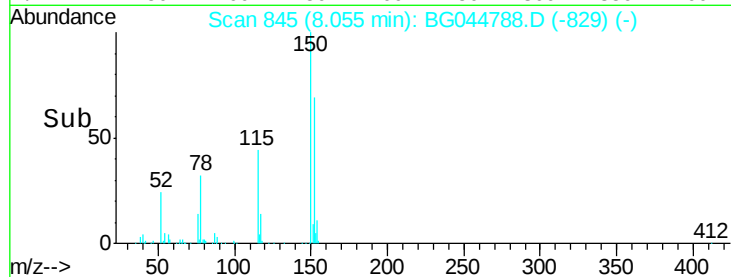
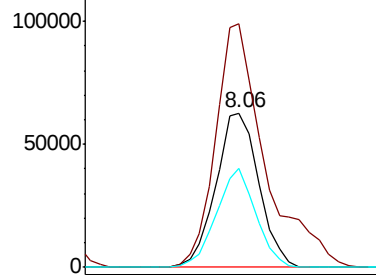


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

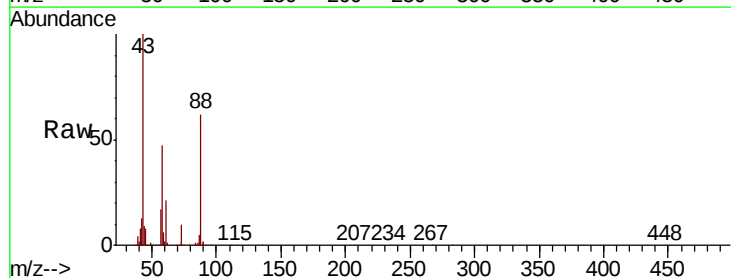
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.944 ng
RT: 3.54 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	63.0	94.4
43	160.1	23.2	34.8

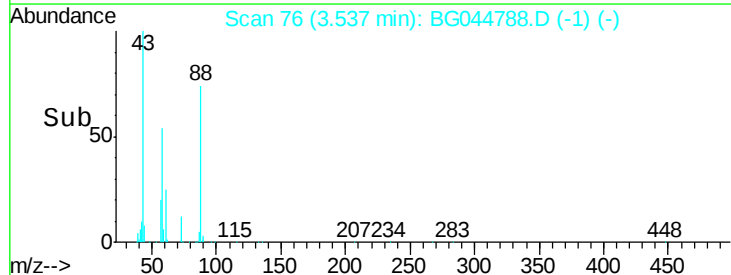
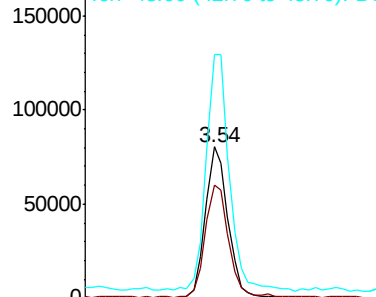


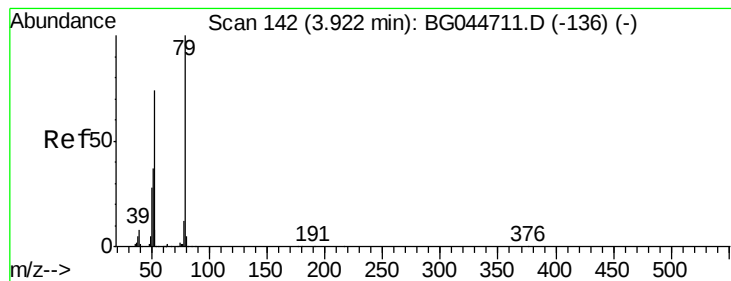
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 18.354 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

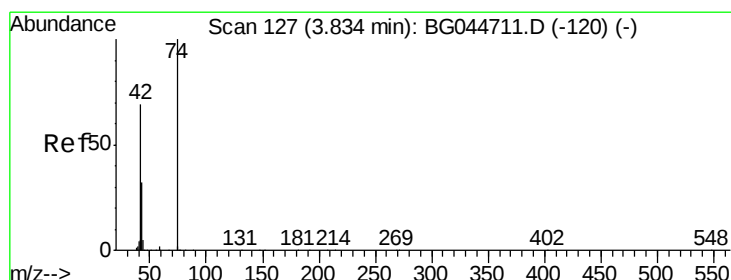
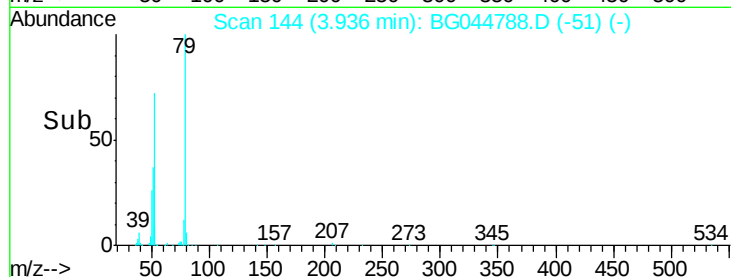
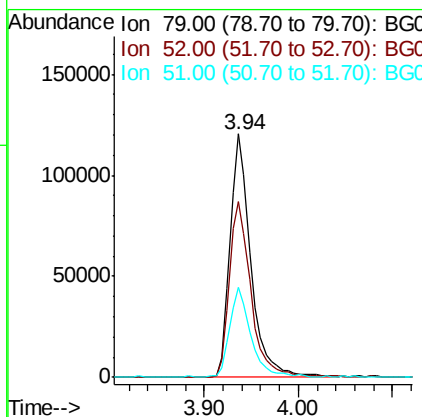
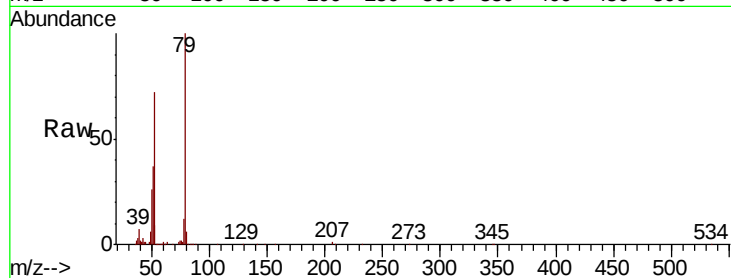
ClientSampleId :

SU-01-031220MSD

Tot Ion:	79	Resp:	185679
Ion	Ratio	Lower	Upper
79	100		
52	72.3	59.4	89.2
51	36.7	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 39.582 ng

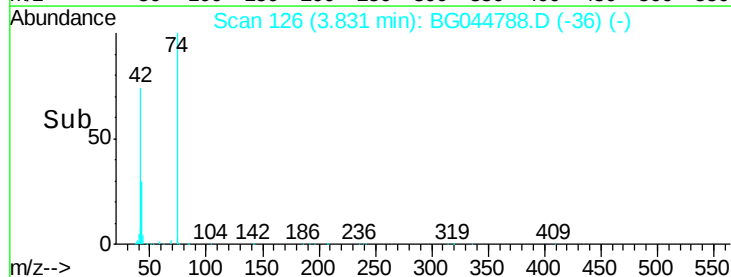
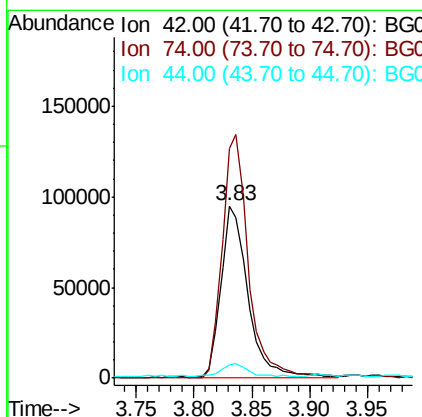
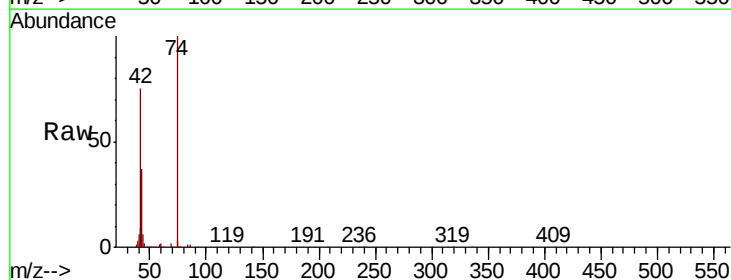
RT: 3.83 min Scan# 126

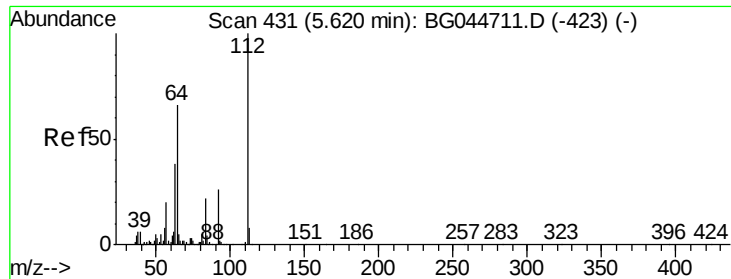
Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	42	Resp:	151931
Ion	Ratio	Lower	Upper
42	100		
74	133.6	116.1	174.1
44	8.0	7.1	10.7





#5

2-Fluorophenol

Concen: 118.278 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

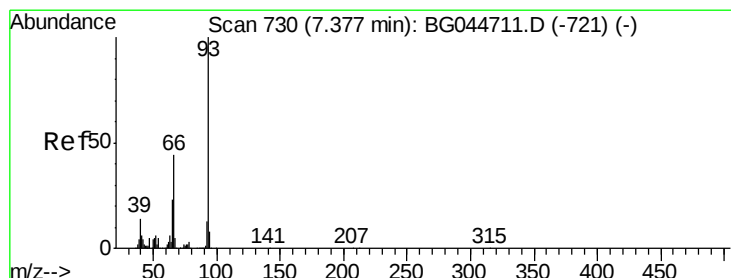
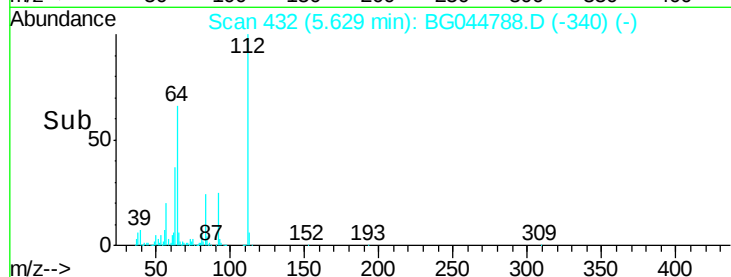
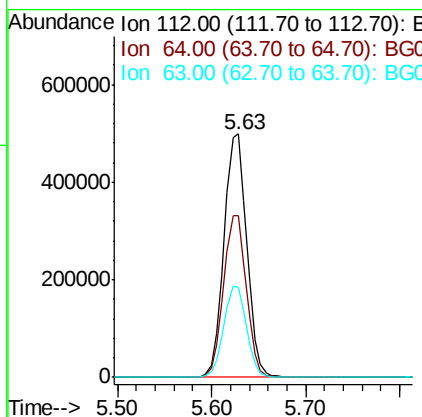
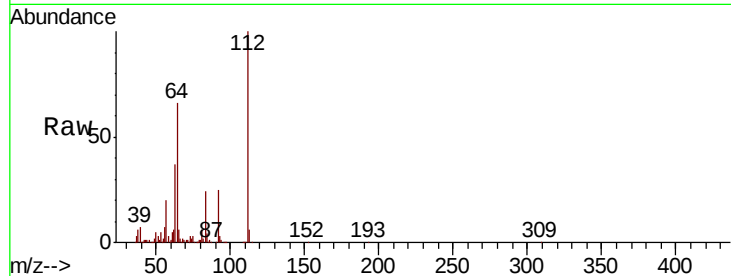
ClientSampleId :

SU-01-031220MSD

Tot Ion:	112	Resp:	839340
Ion Ratio	Lower	Upper	
112	100		
64	66.4	52.6	78.8
63	37.2	30.2	45.4

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#6

Aniline

Concen: 24.517 ng

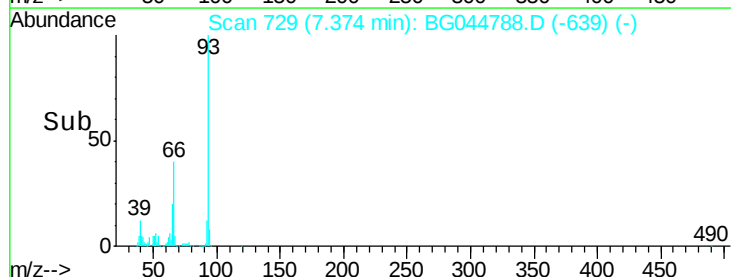
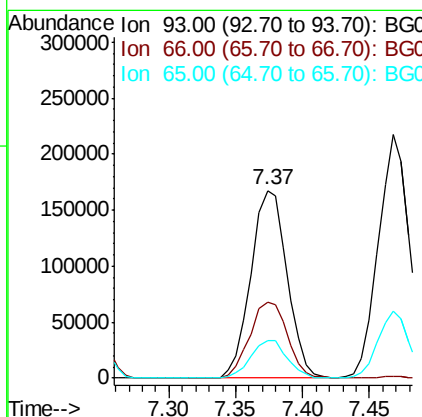
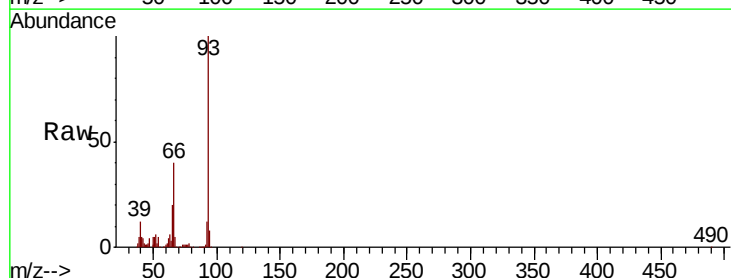
RT: 7.37 min Scan# 729

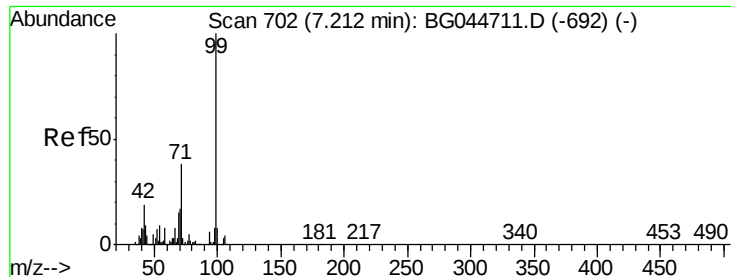
Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	93	Resp:	314548
Ion Ratio	Lower	Upper	
93	100		
66	40.1	35.3	52.9
65	20.2	18.2	27.4





#7

Phenol-d6

Concen: 106.553 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

Tot Ion: 99 Resp: 1098615

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.0

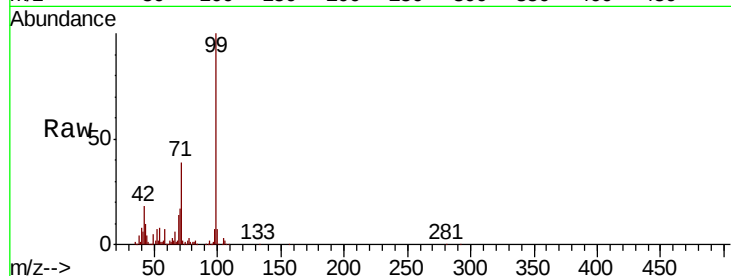
71 38.9 30.2 45.4

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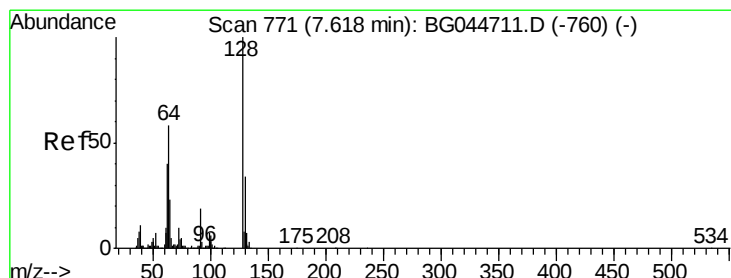
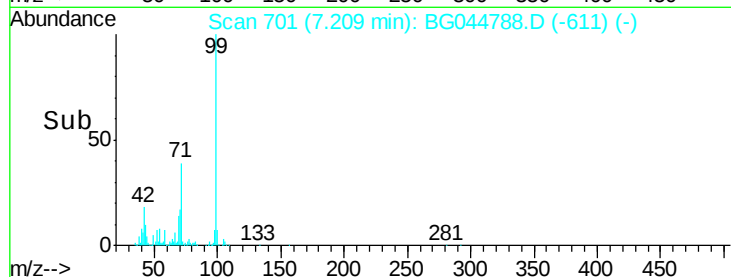
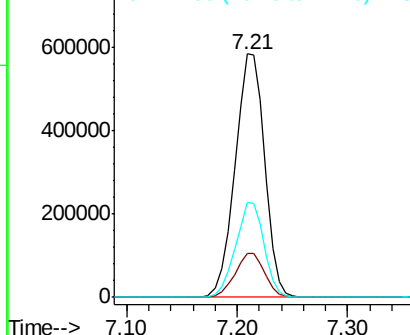
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.483 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

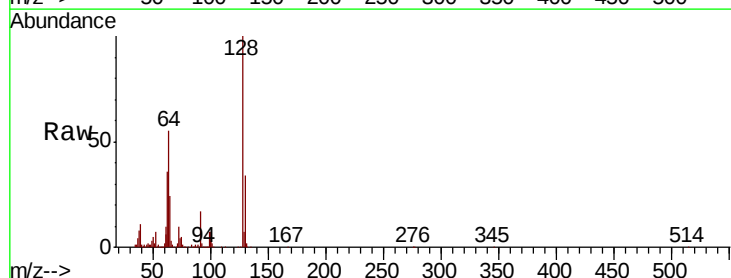
Tgt Ion: 128 Resp: 343451

Ion Ratio Lower Upper

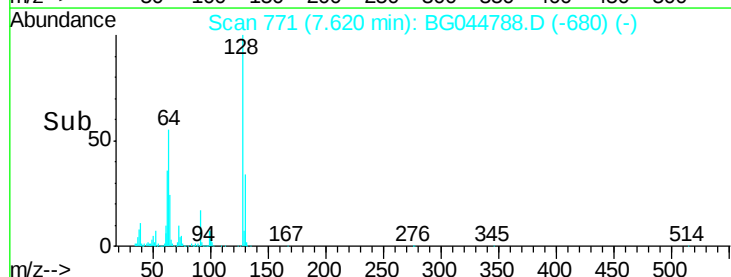
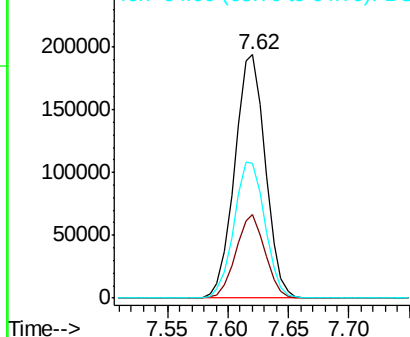
128 100

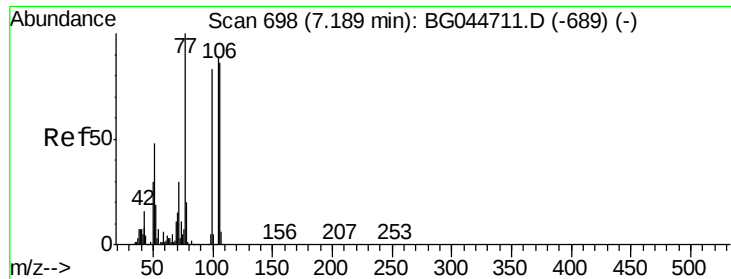
130 34.4 13.6 53.6

64 55.2 38.6 78.6



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





#9

Benzaldehyde

Concen: 44.236 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

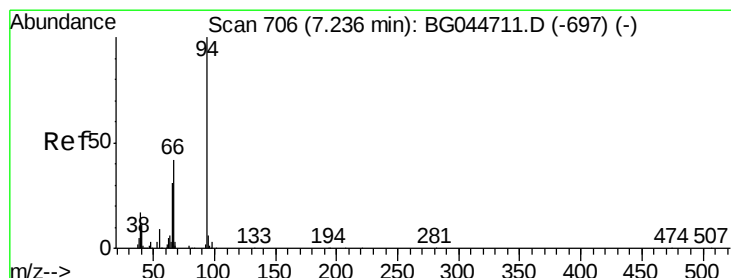
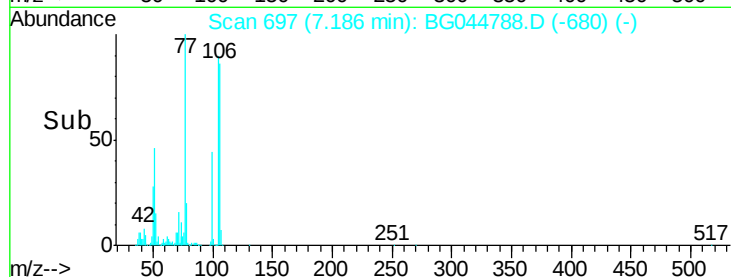
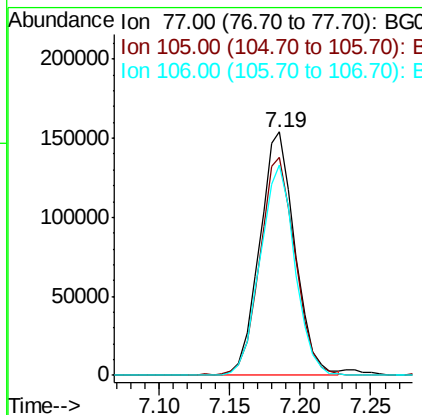
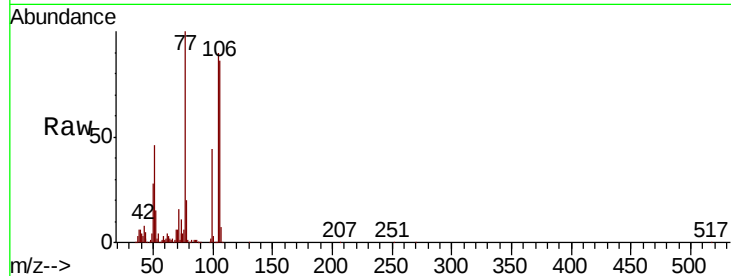
ClientSampleId :

SU-01-031220MSD

Tot Ion:	77	Resp:	269620
Ion	Ratio	Lower	Upper
77	100		
105	89.6	68.6	108.6
106	86.5	65.9	105.9

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#10

Phenol

Concen: 40.205 ng

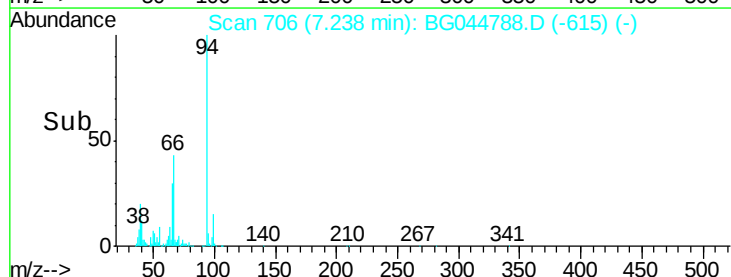
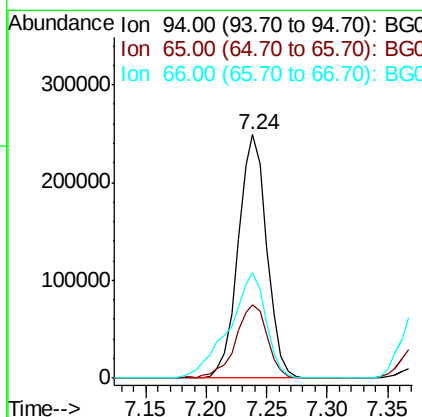
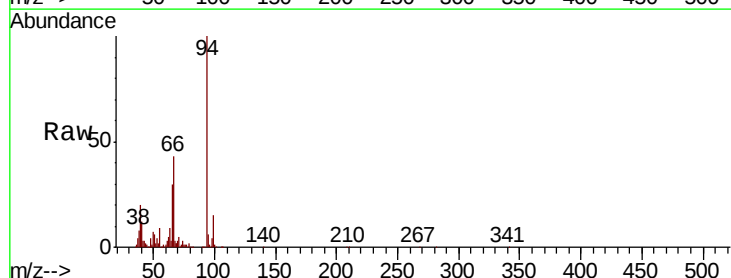
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	94	Resp:	410394
Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.3	51.3
66	43.1	22.9	62.9





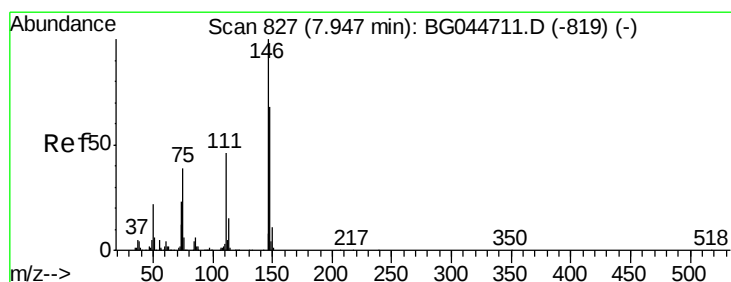
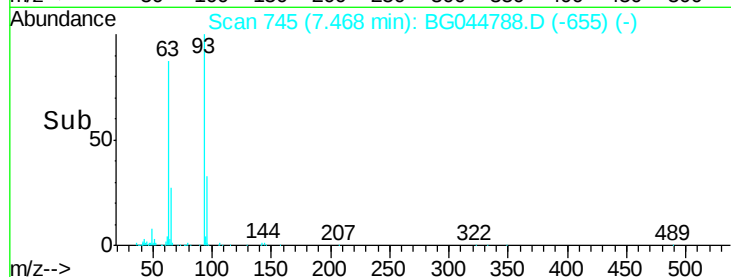
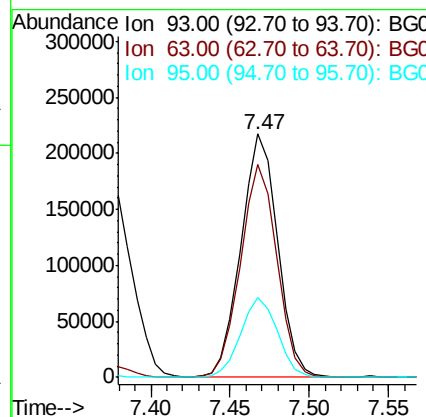
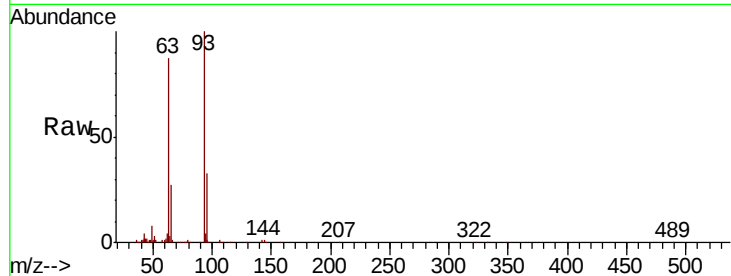
#11
bis(2-Chloroethyl)ether
Concen: 42.738 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	68.1	108.1
95	32.8	12.4	52.4

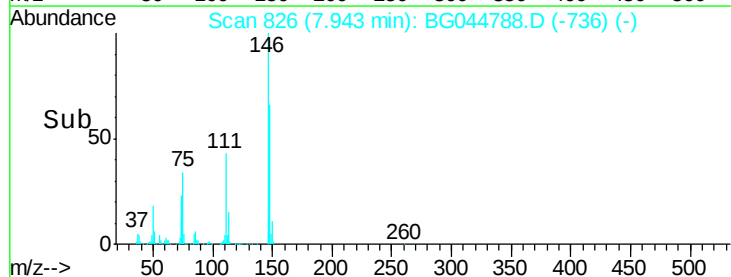
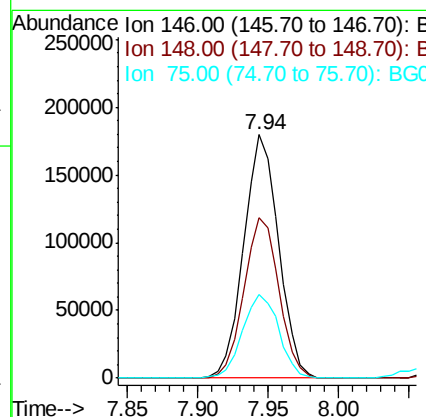
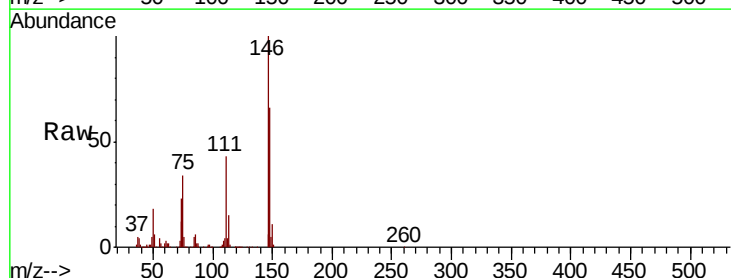
Manual Integrations
APPROVED

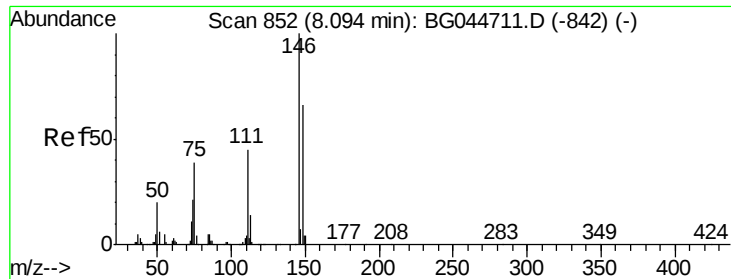
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.538 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	54.2	81.2
75	34.3	31.3	46.9





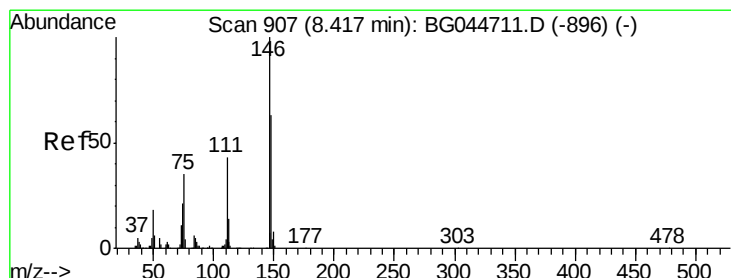
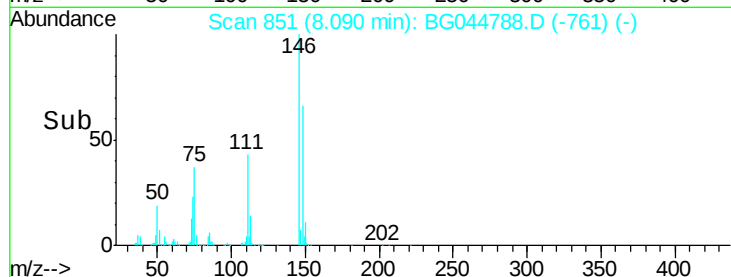
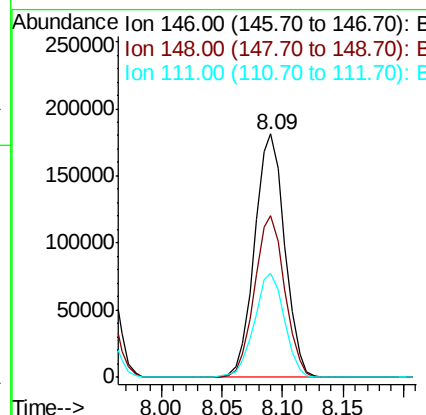
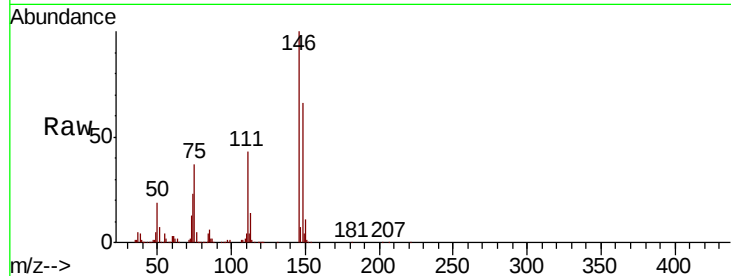
#13
 1,4-Dichlorobenzene
 Concen: 36.312 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.9	79.3
111	42.7	35.6	53.4

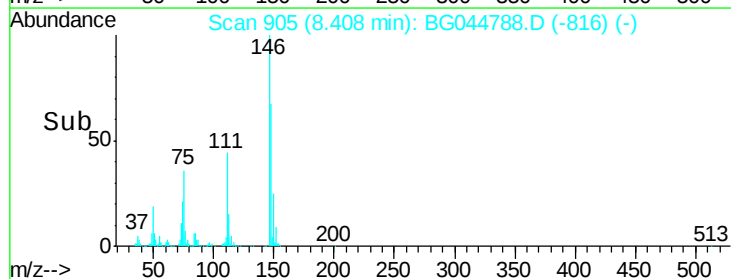
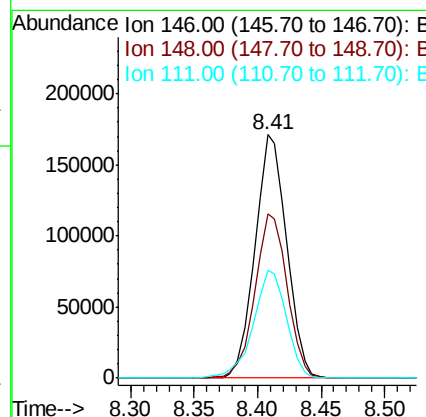
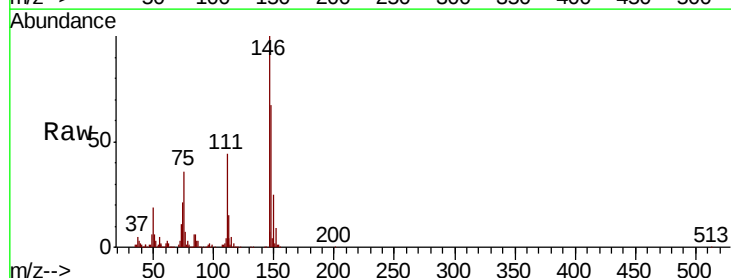
Manual Integrations
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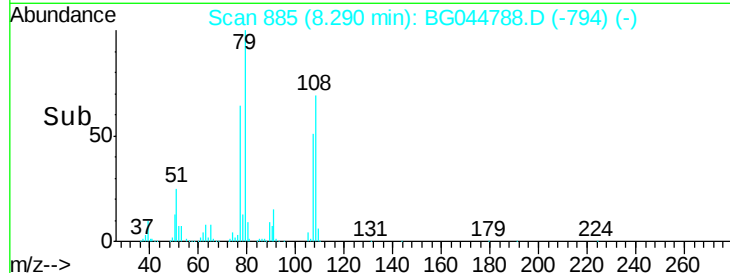
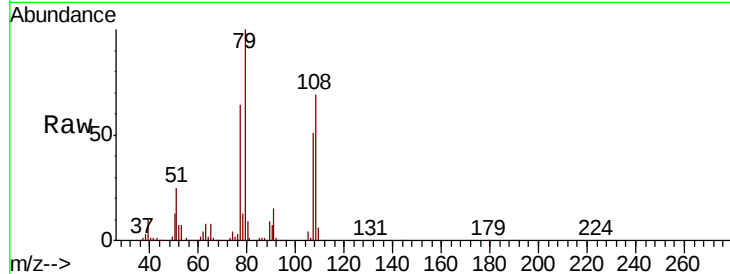
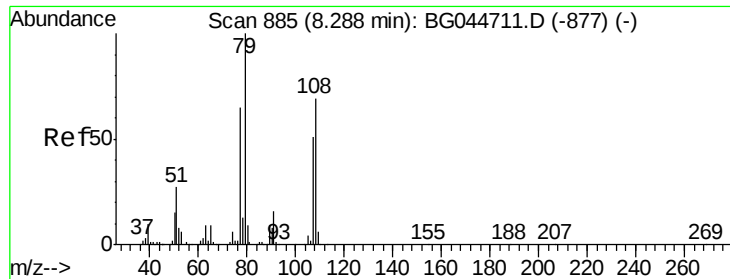
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#14
 1,2-Dichlorobenzene
 Concen: 36.384 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.8	76.2
111	44.3	34.8	52.2





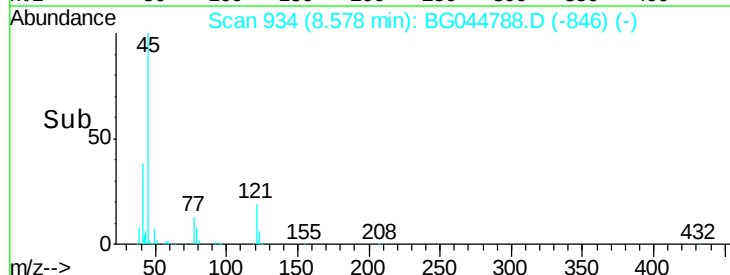
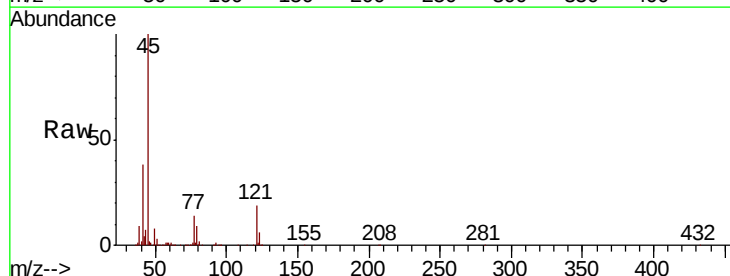
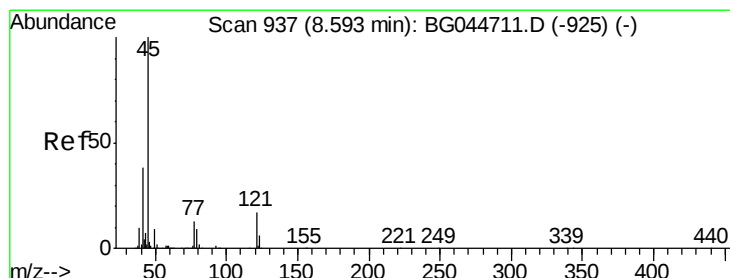
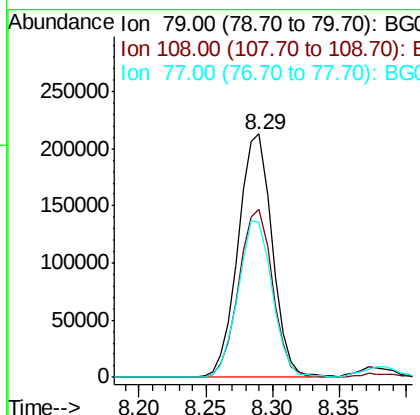
#15
Benzyl Alcohol
Concen: 45.390 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.2	55.4	83.0
77	63.6	52.2	78.4

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

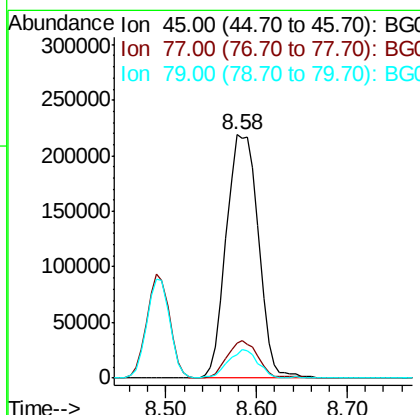
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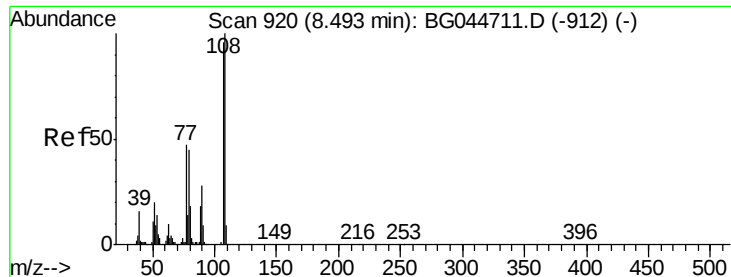
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.502 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.4
79	9.5	0.0	30.0





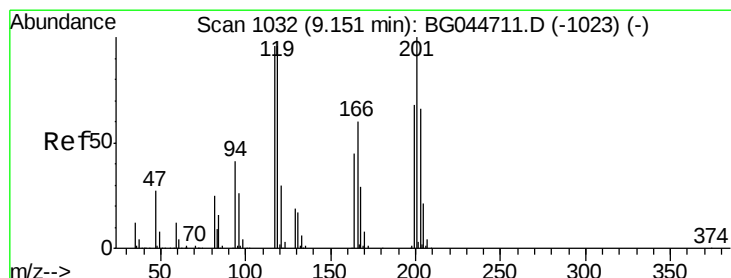
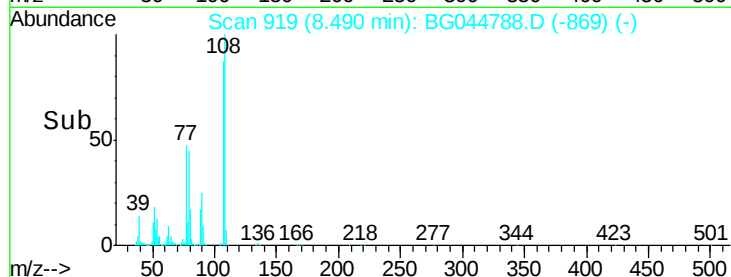
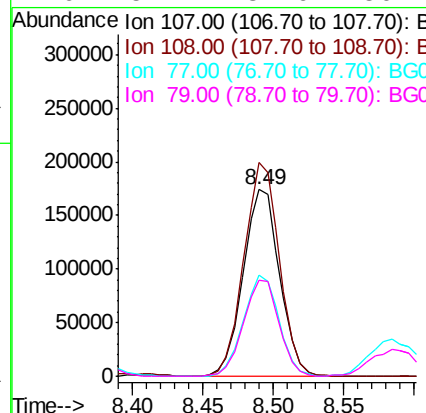
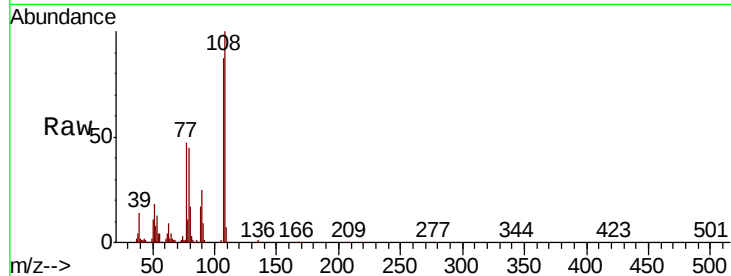
#17
2-Methylphenol
Concen: 45.447 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	83.2	124.8	
77	54.1	39.0	58.6	
79	51.2	37.6	56.4	

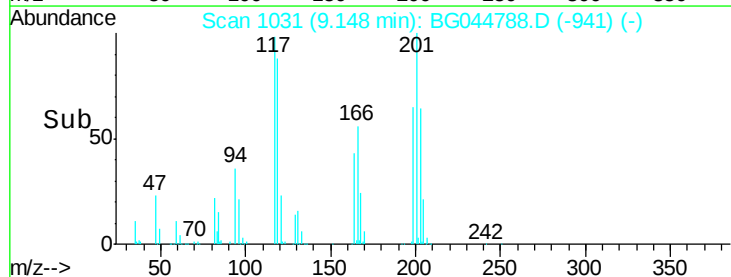
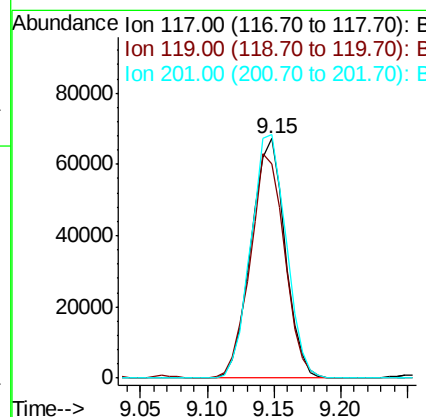
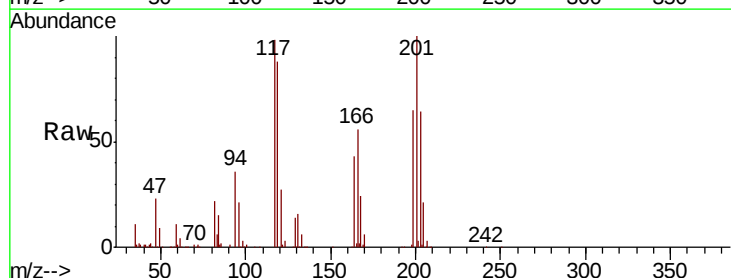
Manual Integrations
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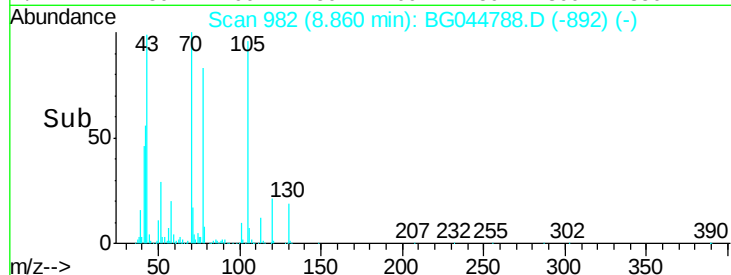
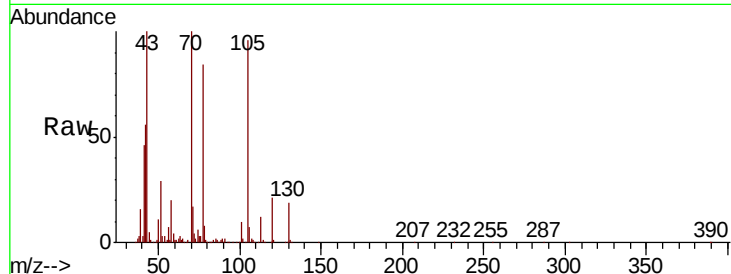
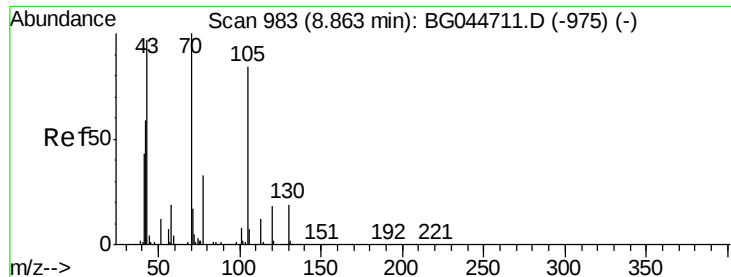
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#18
Hexachloroethane
Concen: 34.855 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.1	80.2	120.4	
201	101.6	83.4	125.2	





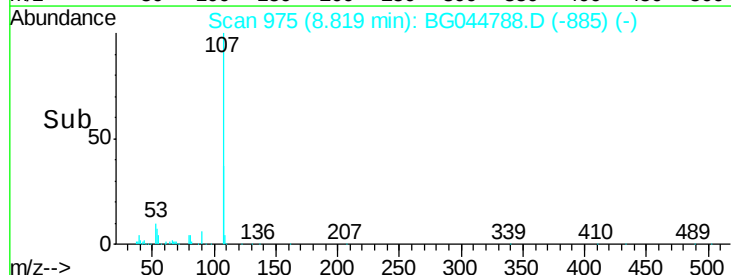
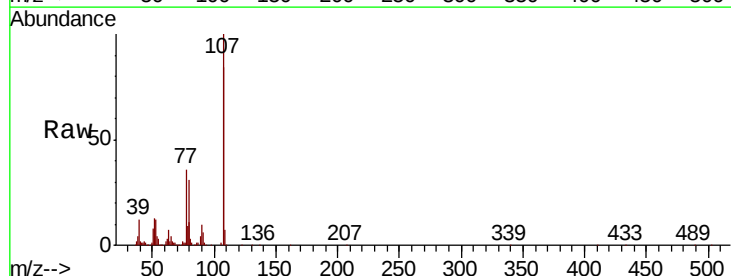
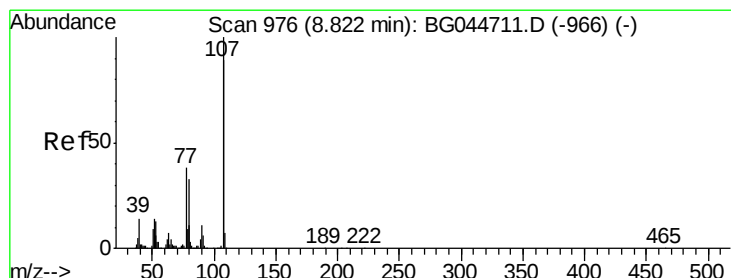
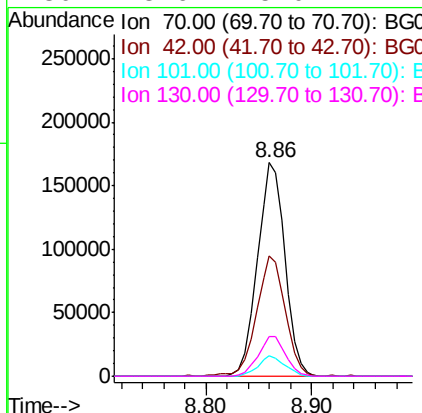
#19
n-Nitroso-di-n-propylamine
Concen: 41.798 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.5	47.6	71.4	
101	9.6	6.5	9.7	
130	18.6	15.0	22.4	

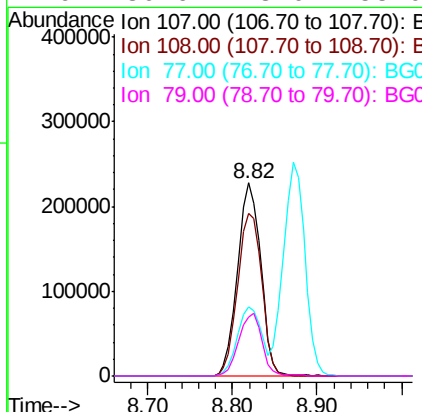
Manual Integrations
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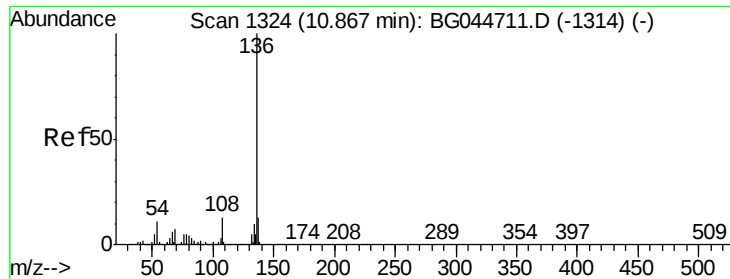
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#20
3+4-Methylphenols
Concen: 45.220 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	69.1	109.1	
77	36.0	17.7	57.7	
79	30.6	13.0	53.0	





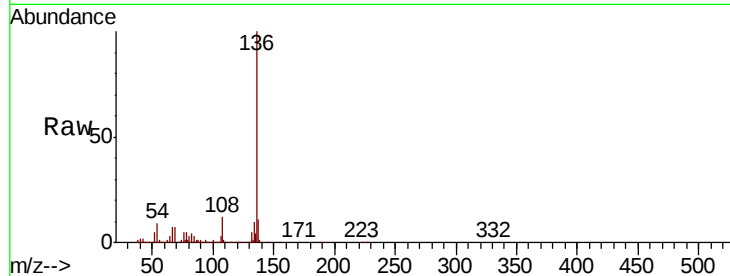
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

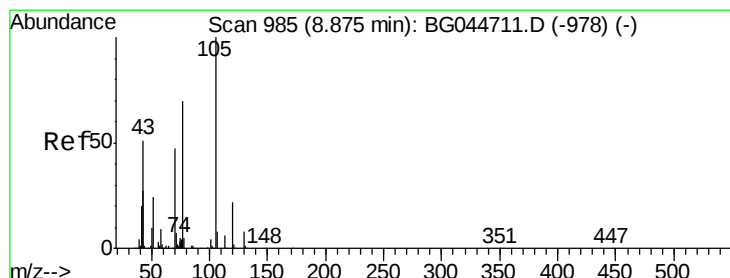
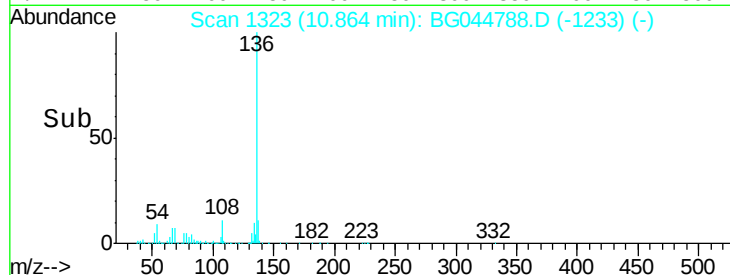
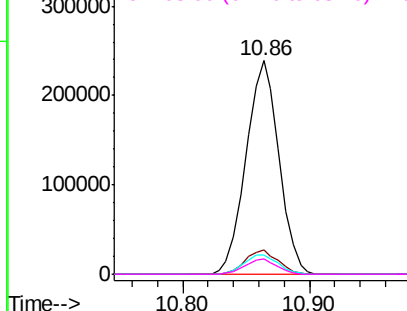
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		430345		
137	11.2	10.7	16.1		
54	8.8	9.0	13.4		
68	7.5	5.9	8.9		

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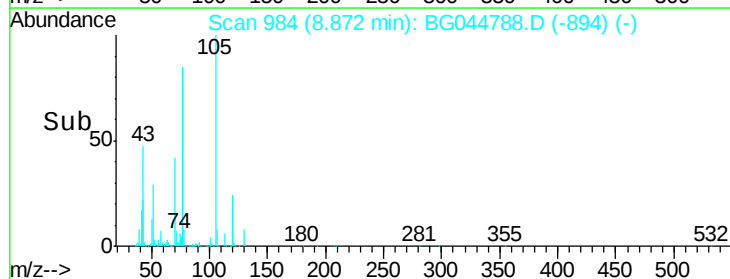
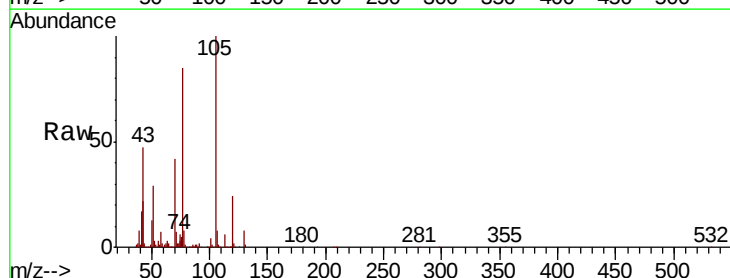
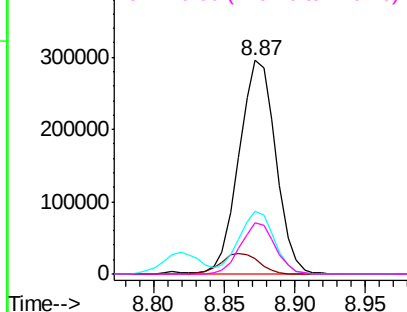
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

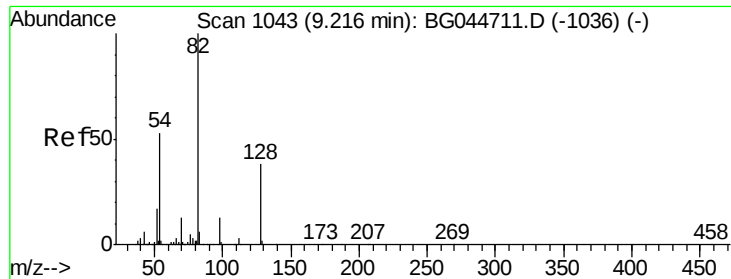


#22
Acetophenone
Concen: 44.182 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		538649		
71	7.0	5.8	8.8		
51	29.4	23.8	35.8		
120	23.7	17.3	25.9		

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





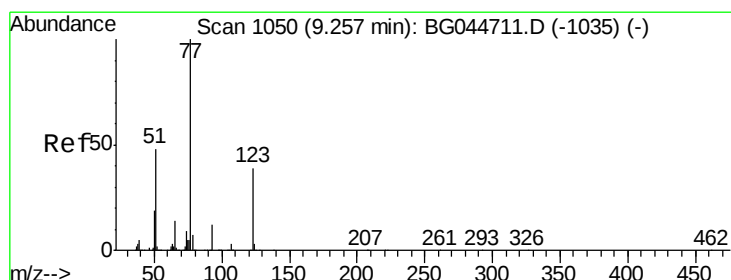
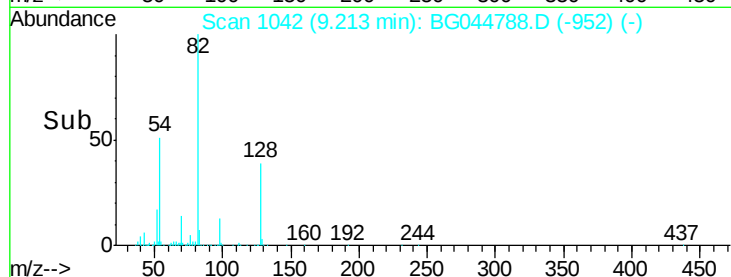
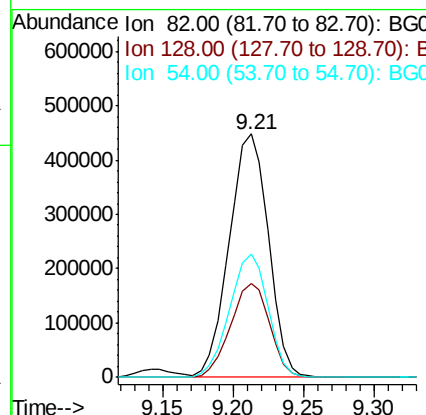
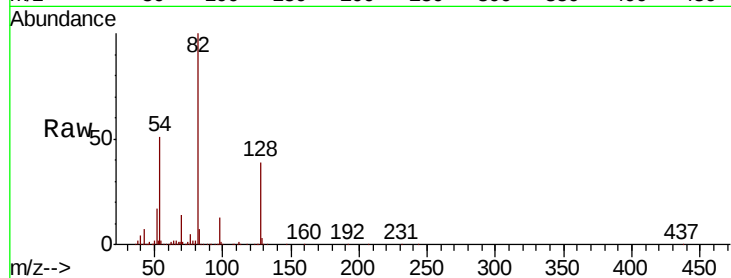
#23
Nitrobenzene-d5
Concen: 88.172 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	82	Resp	864701
Ion Ratio	Lower	Upper	
82	100		
128	38.8	30.2	45.2
54	50.8	41.8	62.8

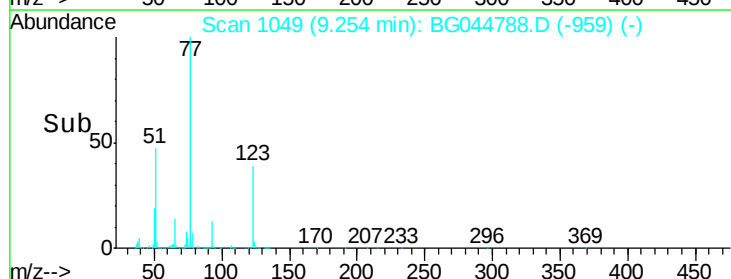
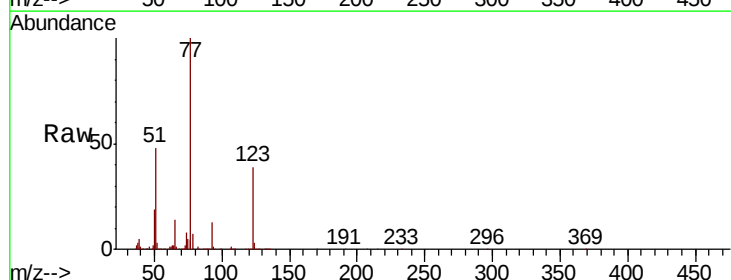
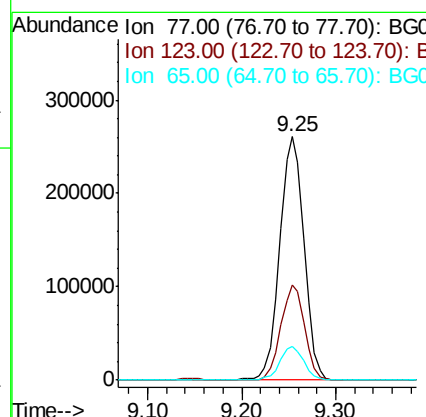
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#24
Nitrobenzene
Concen: 45.569 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	77	Resp	463702
Ion Ratio	Lower	Upper	
77	100		
123	38.9	31.5	47.3
65	13.9	11.0	16.4





#25

Isophorone

Concen: 44.413 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

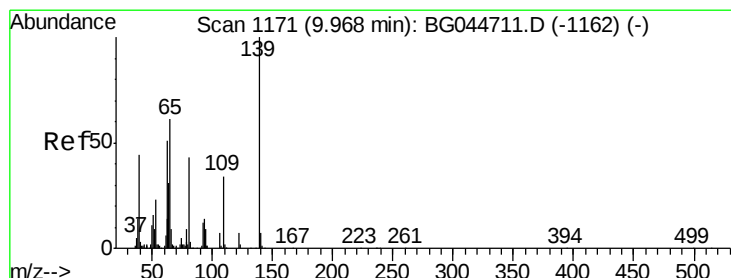
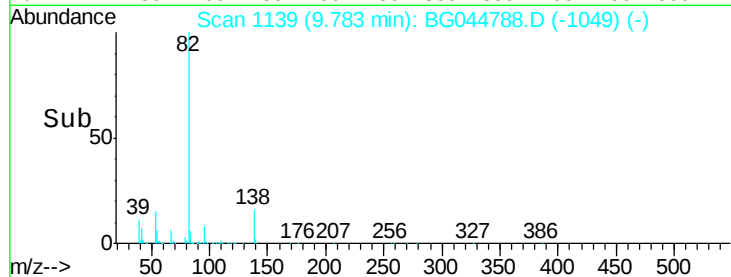
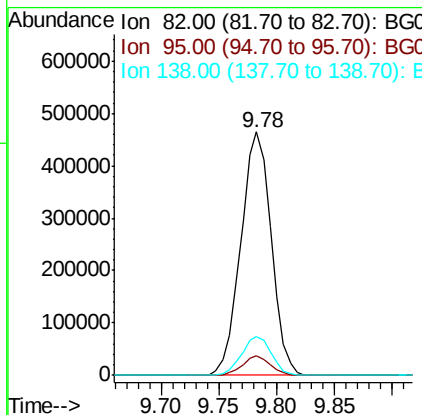
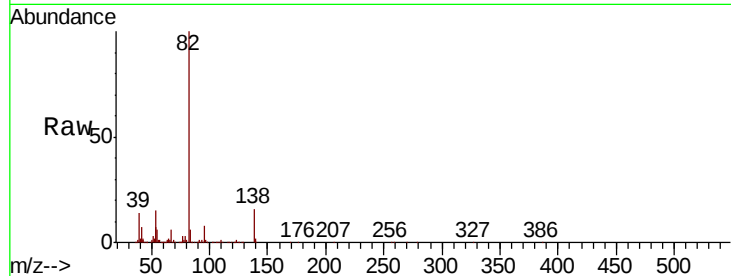
ClientSampleId :

SU-01-031220MSD

Tot Ion:	82	Resp:	850076
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.6	8.4
138	16.0	13.0	19.4

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#26

2-Nitrophenol

Concen: 52.480 ng

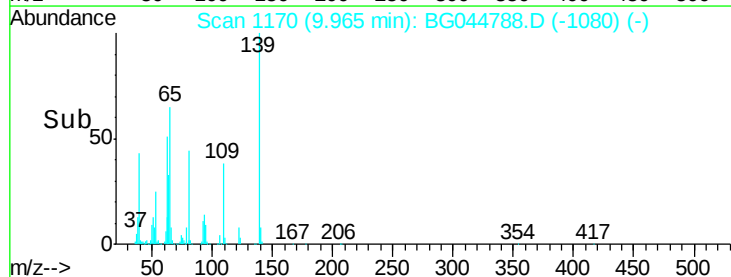
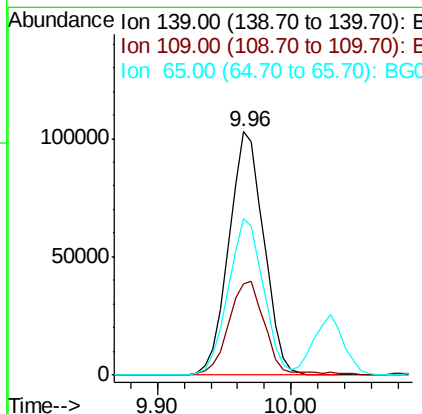
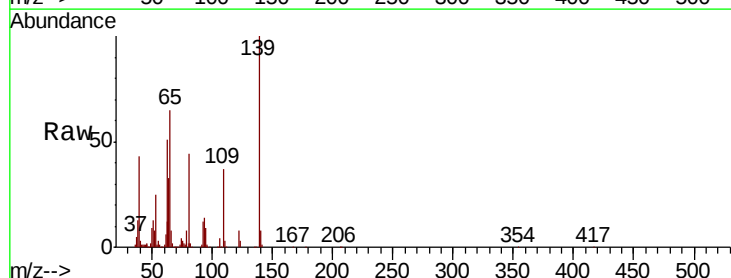
RT: 9.96 min Scan# 1170

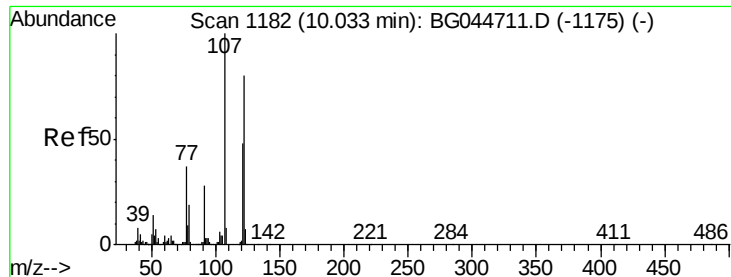
Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	139	Resp:	187453
Ion Ratio	Lower	Upper	
139	100		
109	37.5	27.0	40.4
65	64.6	48.6	73.0





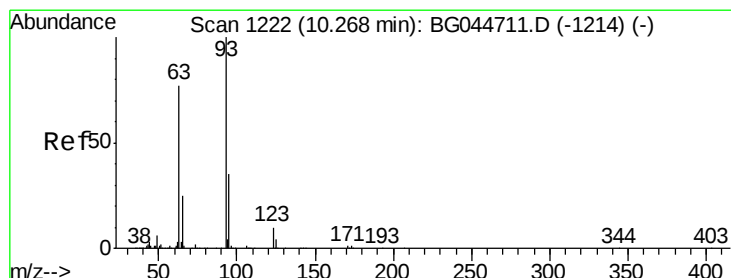
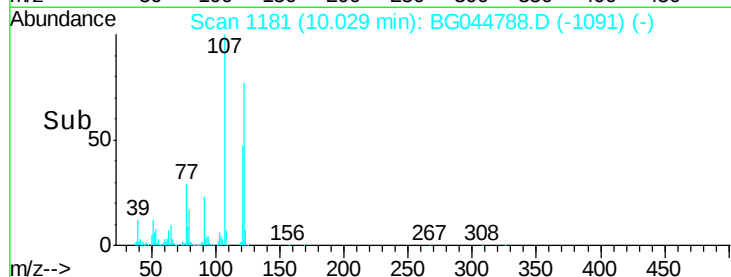
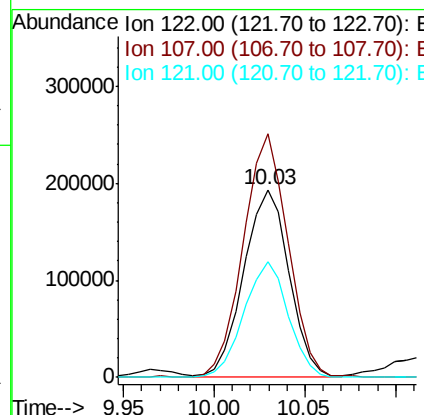
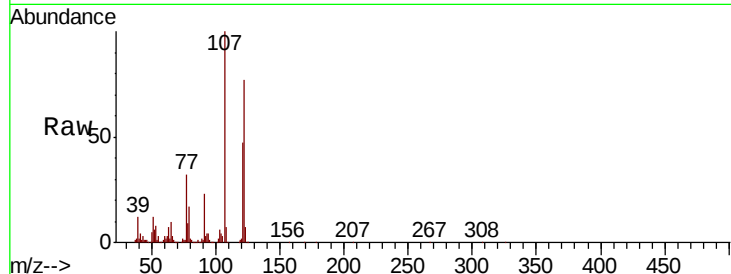
#27
2,4-Dimethylphenol
Concen: 53.582 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.7	99.0	148.6
121	61.4	47.6	71.4

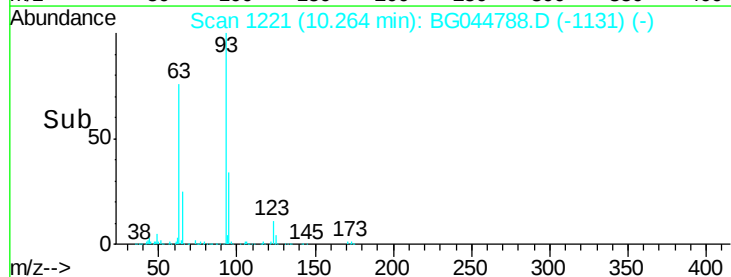
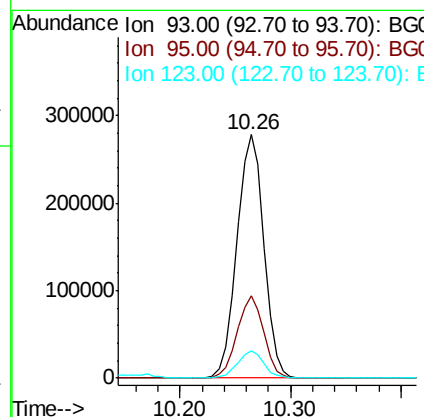
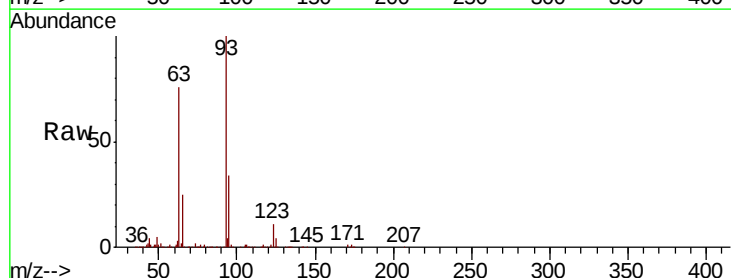
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#28
bis(2-Chloroethoxy)methane
Concen: 41.625 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.7	41.5
123	11.2	8.1	12.1





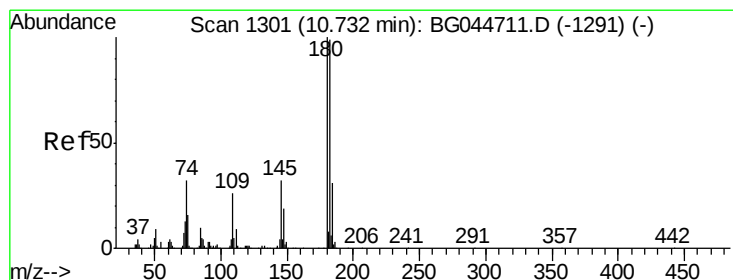
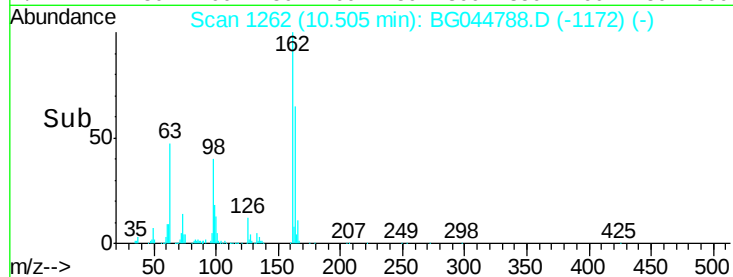
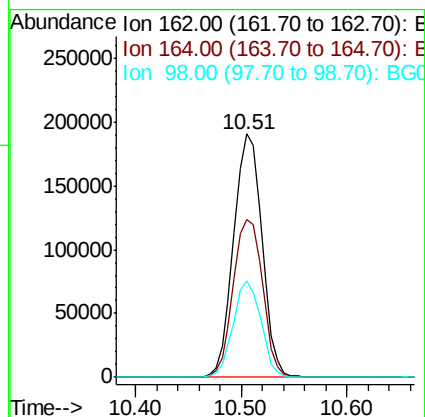
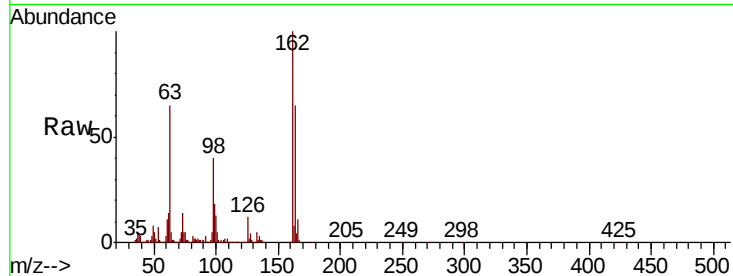
#29
 2,4-Dichlorophenol
 Concen: 48.598 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Tot Ion:	162	Resp:	353812
Ion Ratio		Lower	Upper
162	100		
164	64.8	46.5	86.5
98	39.6	18.1	58.1

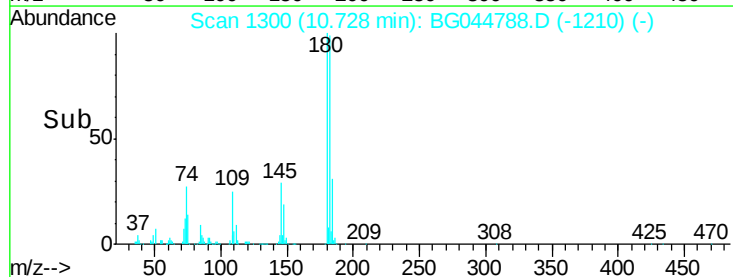
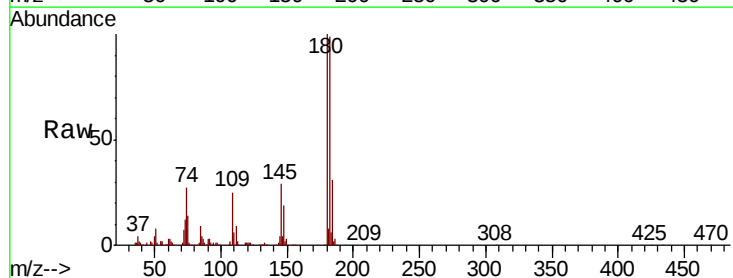
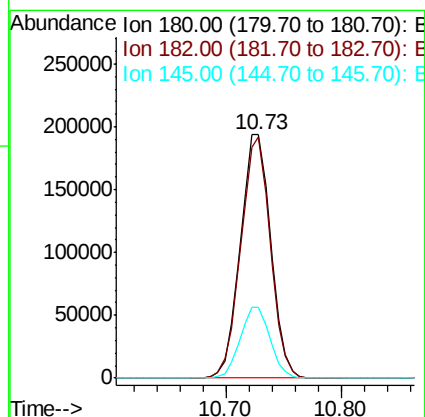
Manual Integrations
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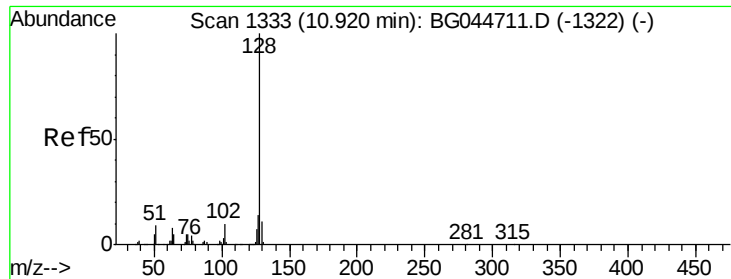
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.751 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:	180	Resp:	354751
Ion Ratio		Lower	Upper
180	100		
182	99.0	78.8	118.2
145	28.9	25.4	38.0





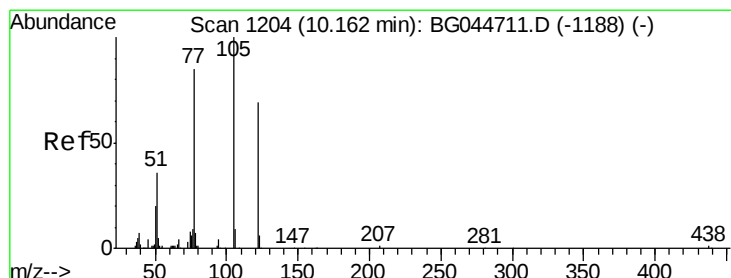
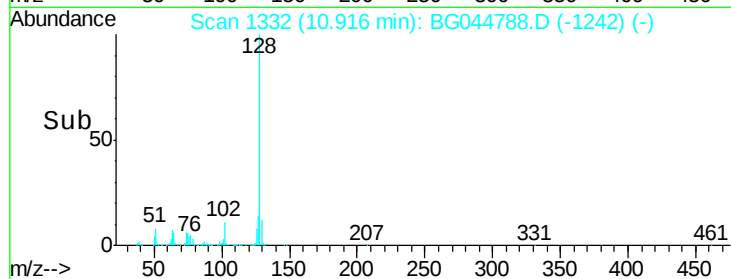
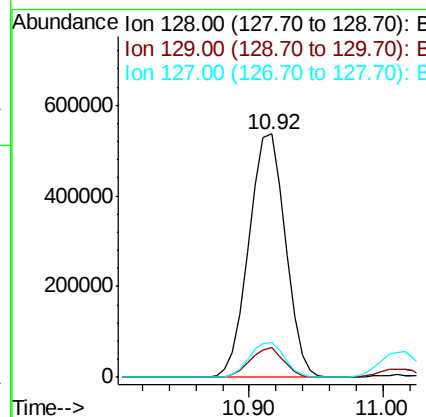
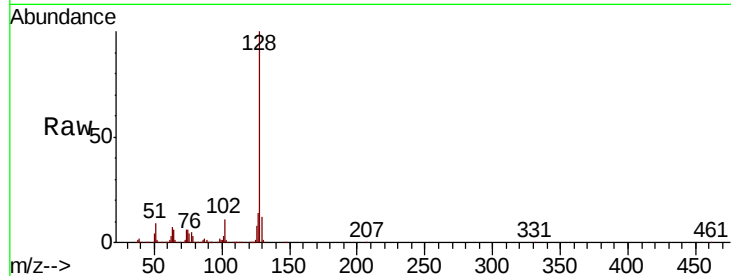
#31
Naphthalene
Concen: 42.487 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.4
127	14.5	11.0	16.6

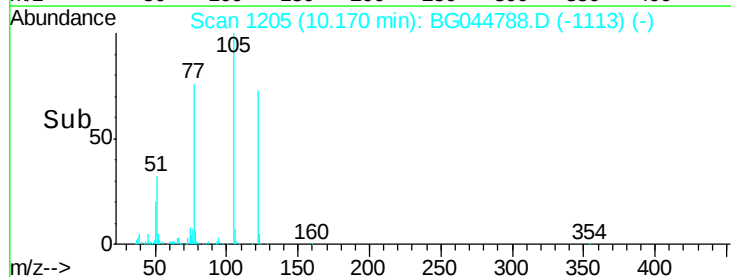
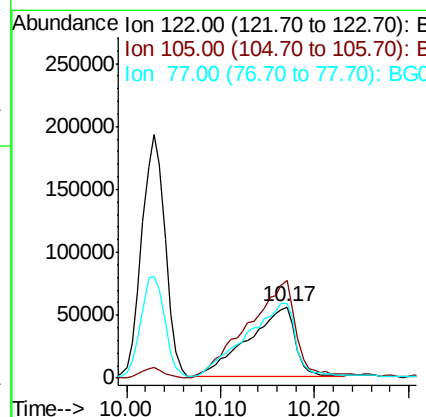
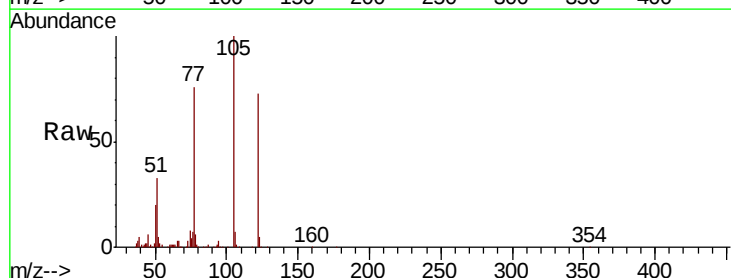
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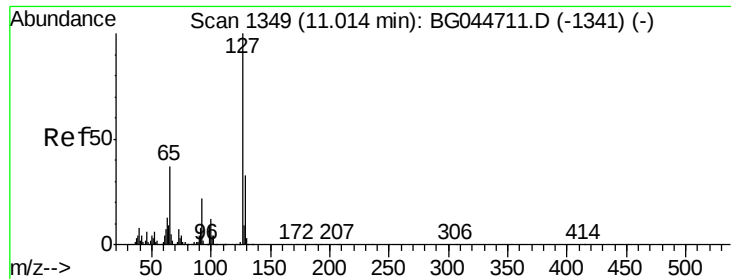
mohammad
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#32
Benzoic acid
Concen: 41.584 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.0	119.0	159.0
77	104.3	96.4	136.4





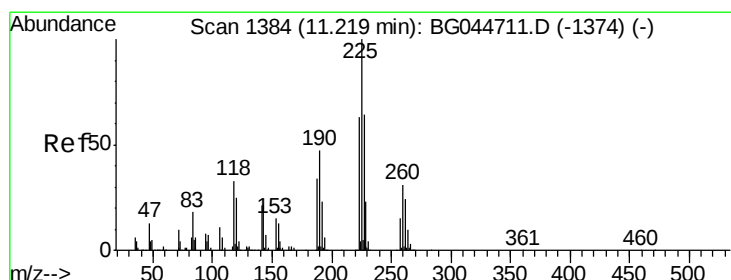
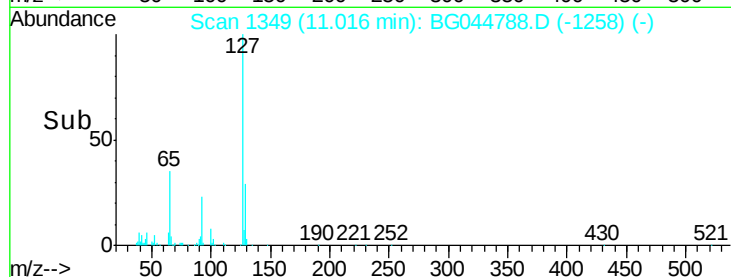
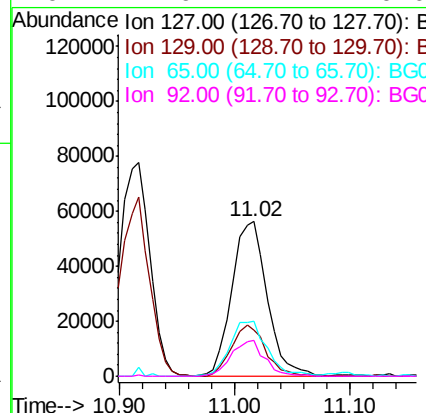
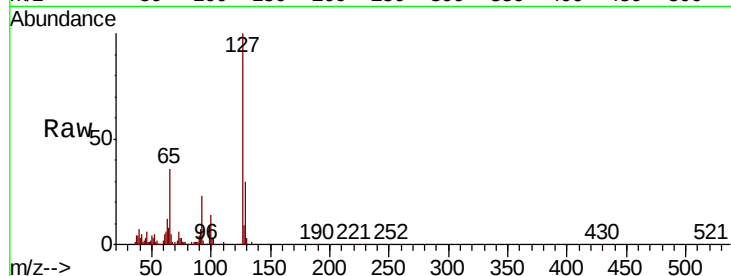
#33
4-Chloroaniline
Concen: 11.164 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.2	39.4
65	35.9	29.6	44.4
92	22.9	17.4	26.0

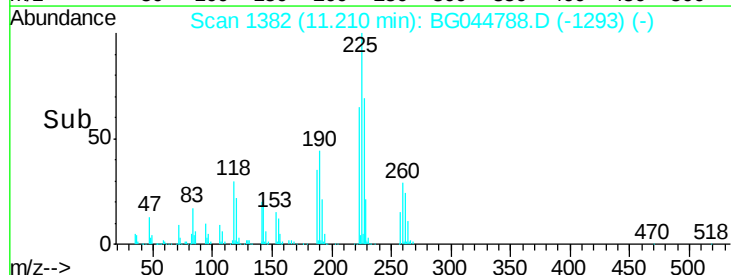
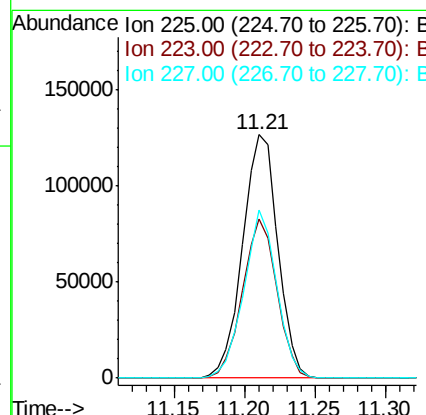
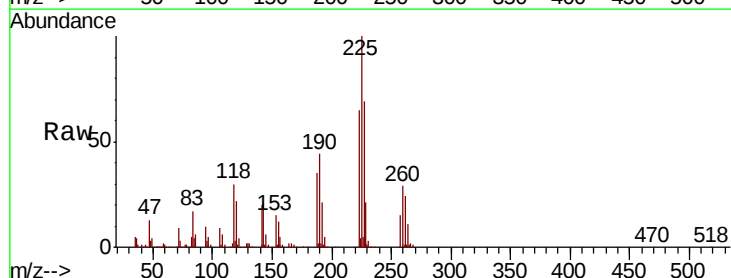
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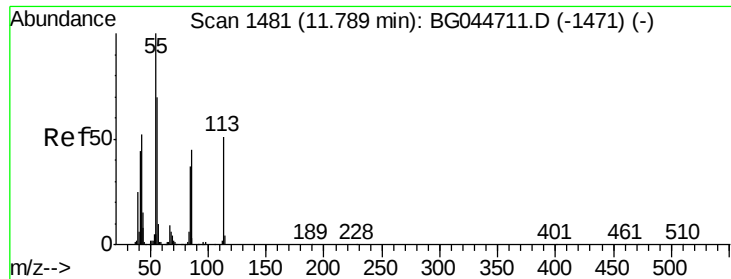
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#34
Hexachlorobutadiene
Concen: 38.679 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	69.1	51.6	77.4





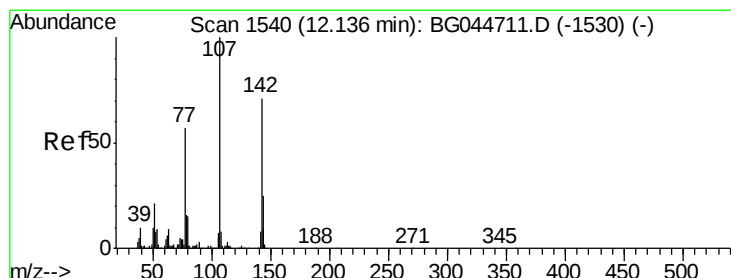
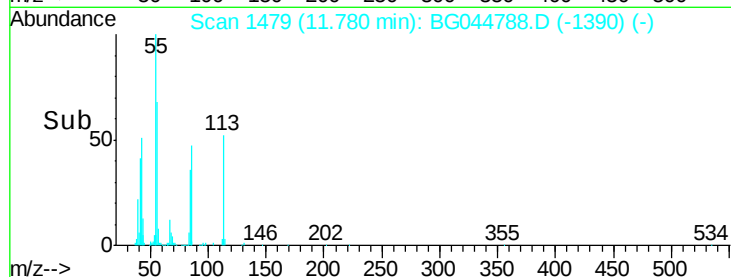
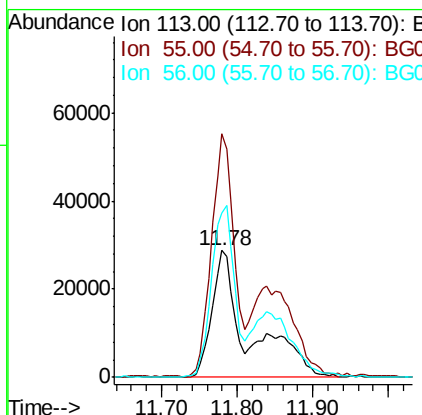
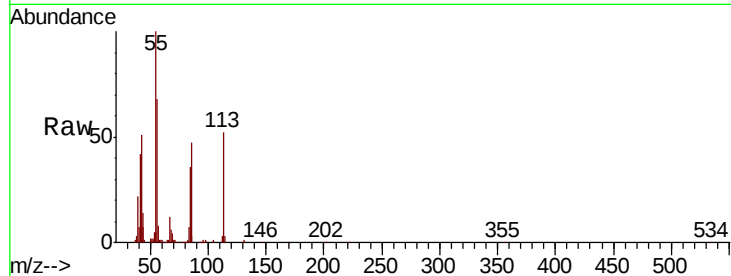
#35
 Caprolactam
 Concen: 34.973 ng/ml
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	192.4		178.4	218.4	
56	129.9		117.7	157.7	

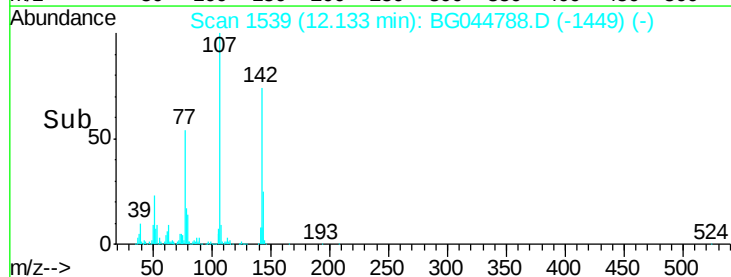
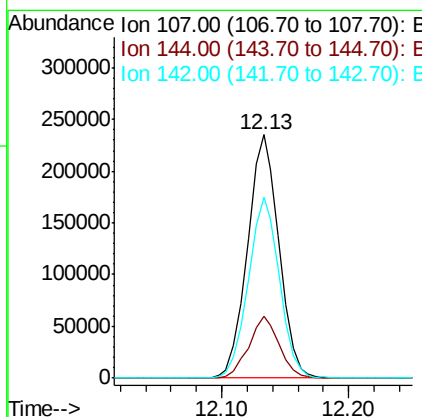
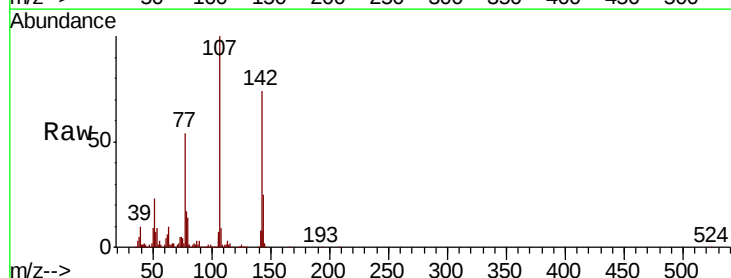
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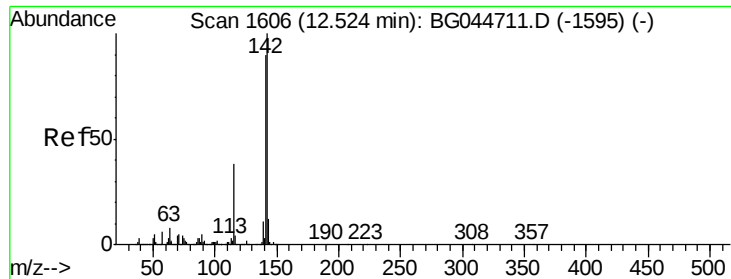
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#36
 4-Chloro-3-methylphenol
 Concen: 46.653 ng/ml
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.2		19.6	29.4	
142	74.2		56.5	84.7	





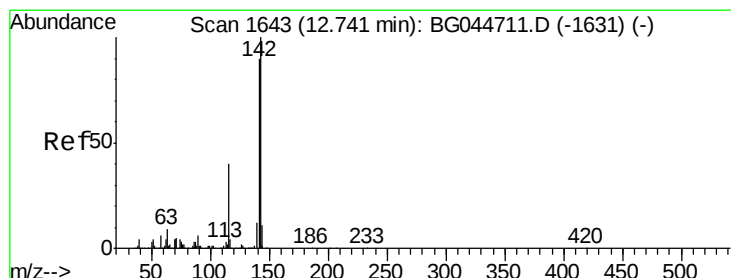
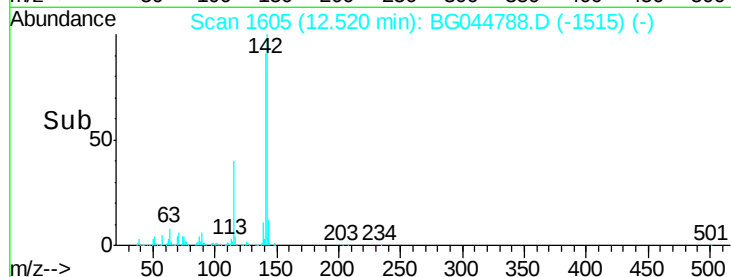
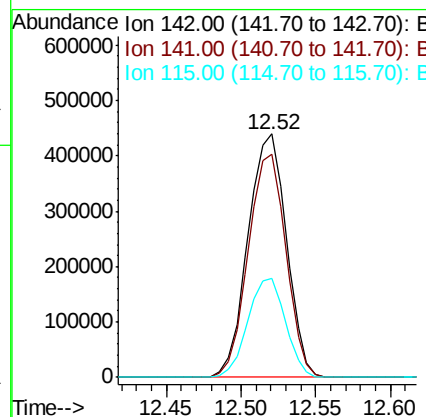
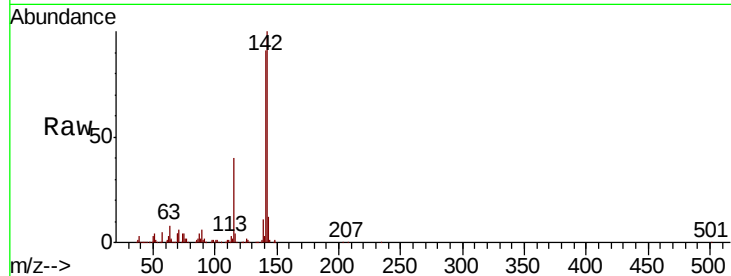
#37
 2-Methylnaphthalene
 Concen: 43.844 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
115	40.5	30.6	45.8

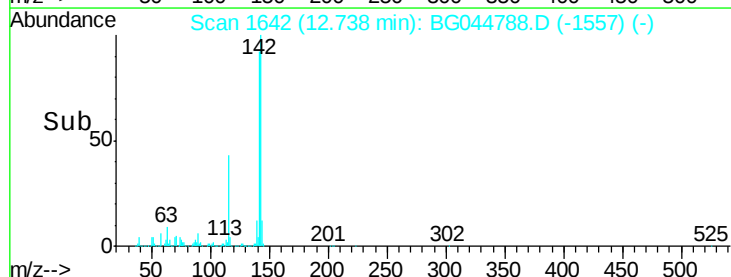
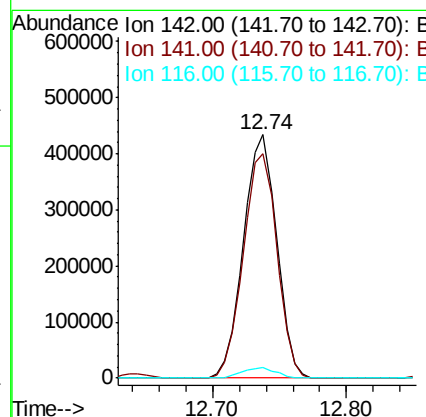
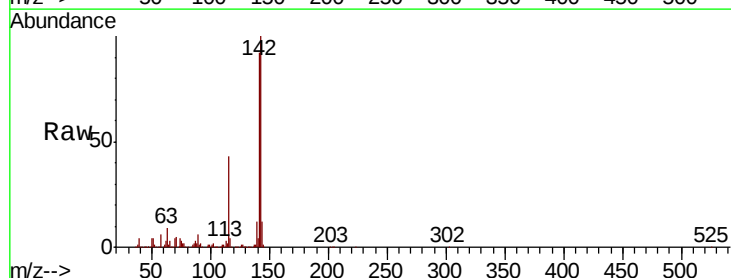
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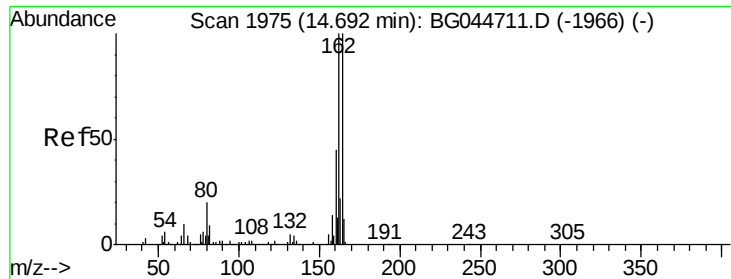
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#38
 1-Methylnaphthalene
 Concen: 44.444 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.2
116	4.3	3.5	5.3





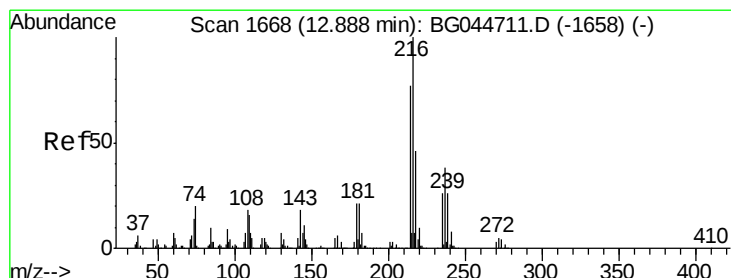
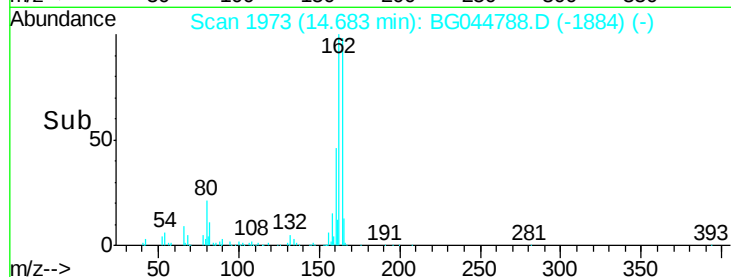
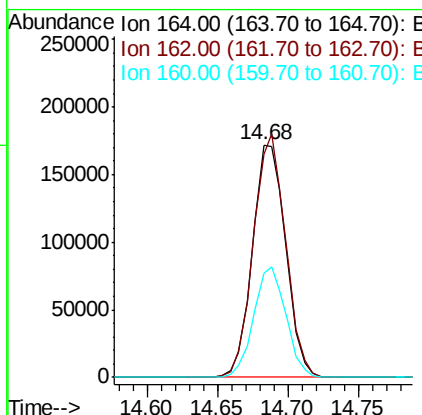
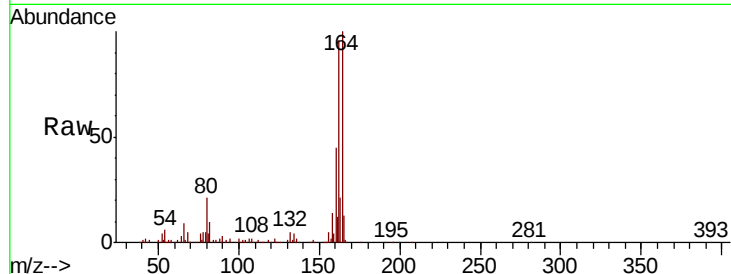
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	96.1	80.2	120.4	
160	44.6	36.2	54.2	

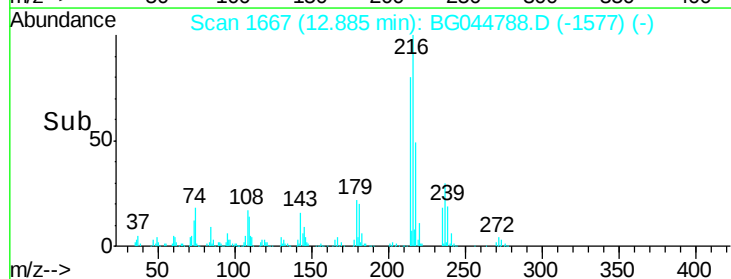
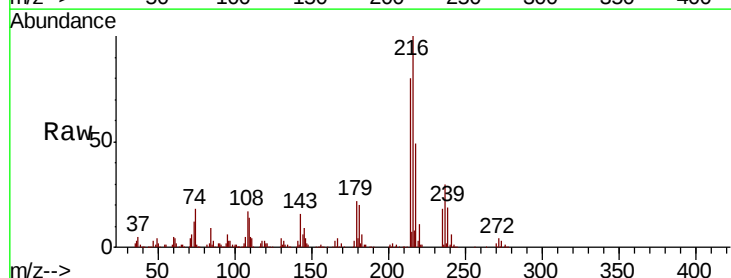
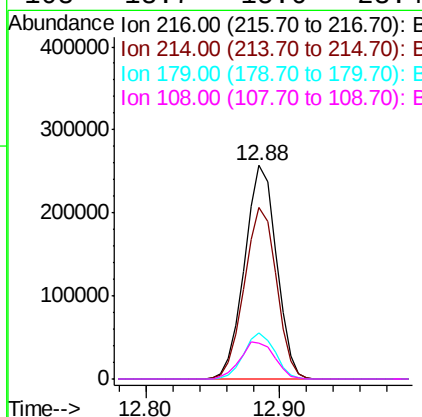
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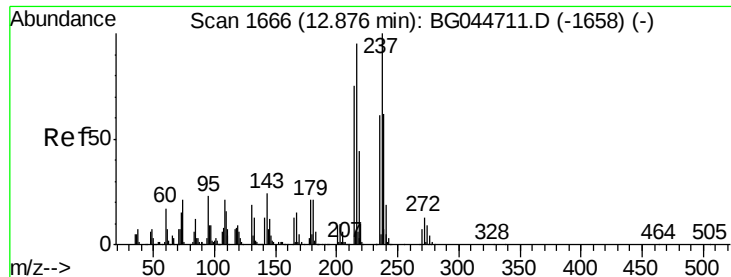
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.068 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.7	63.0	94.4	
179	21.1	16.6	24.8	
108	18.7	15.6	23.4	





#41

Hexachlorocyclopentadiene

Concen: 43.914 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

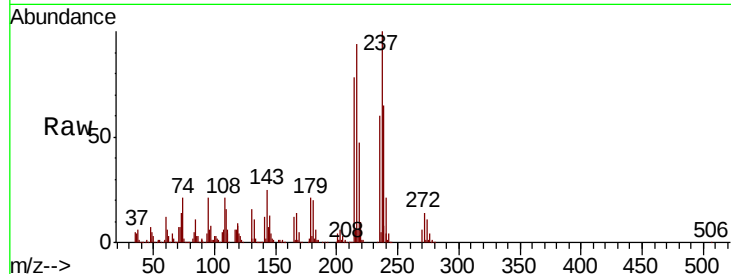
ClientSampleId :

SU-01-031220MSD

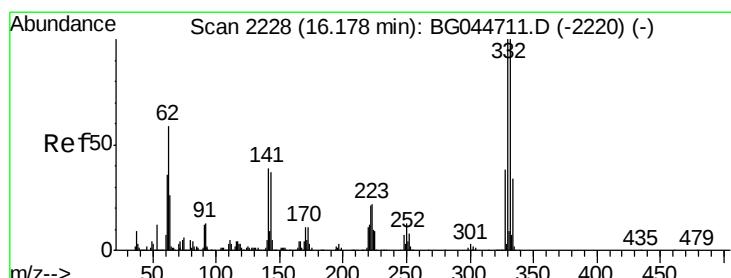
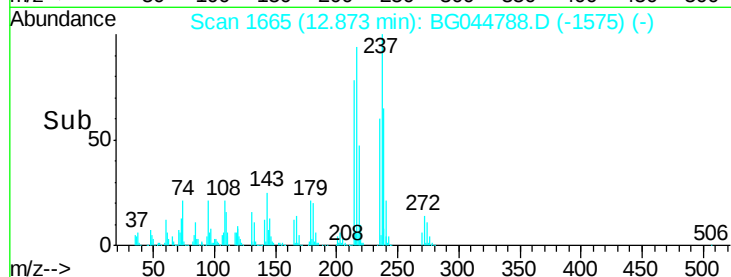
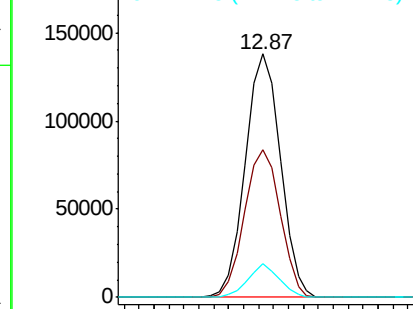
Tot Ion:	237	Resp:	225335
Ion Ratio	Lower	Upper	
237	100		
235	60.4	40.6	80.6
272	13.7	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 140.821 ng

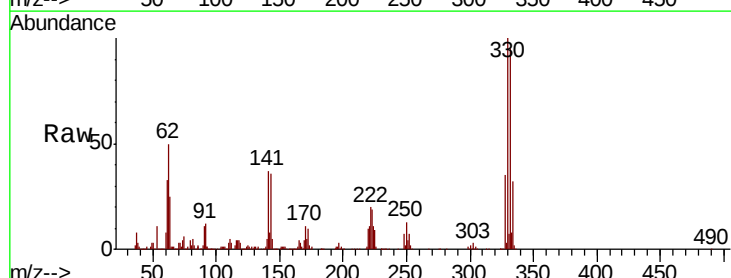
RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

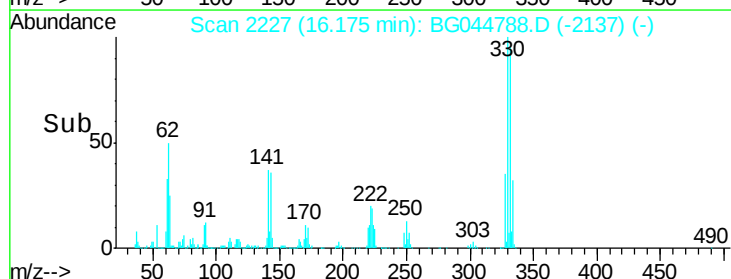
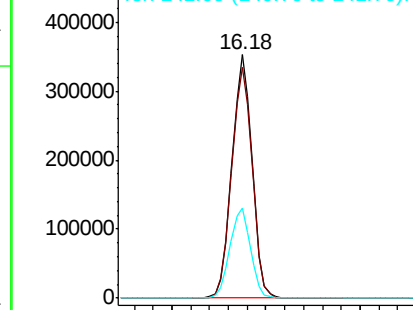
Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	330	Resp:	525685
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.5	116.3
141	37.6	31.7	47.5



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





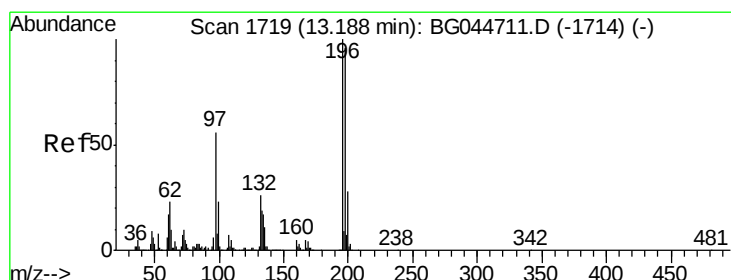
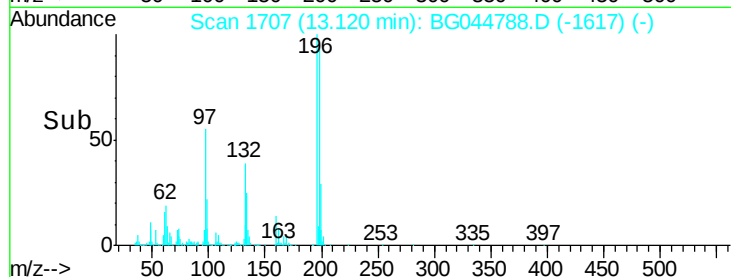
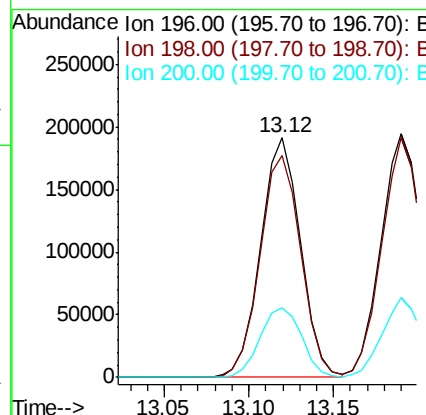
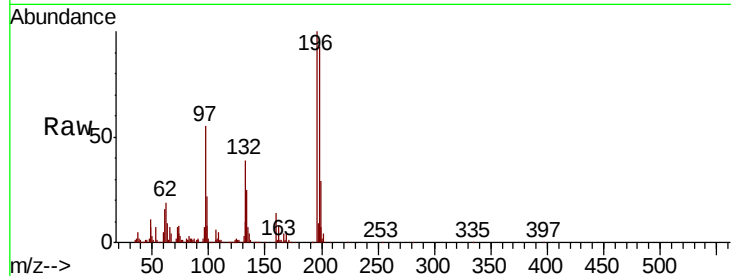
#43
 2,4,6-Trichlorophenol
 Concen: 50.312 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	313507		
198	92.7	76.5	114.7	
200	29.3	25.9	38.9	

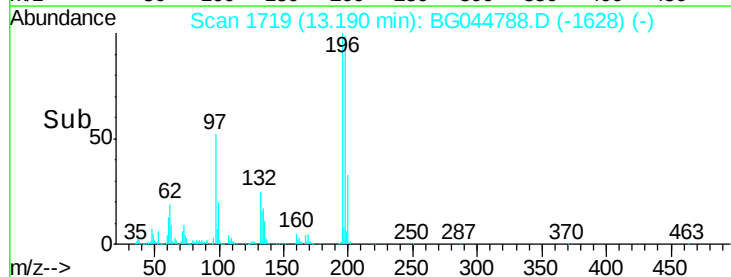
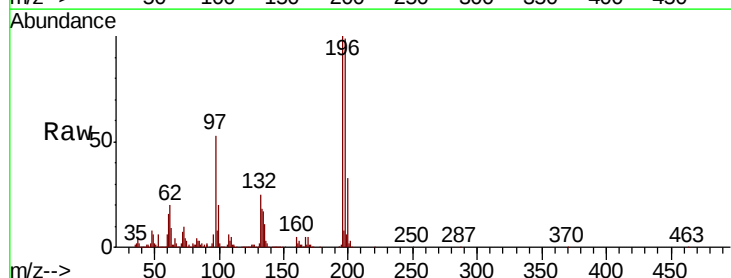
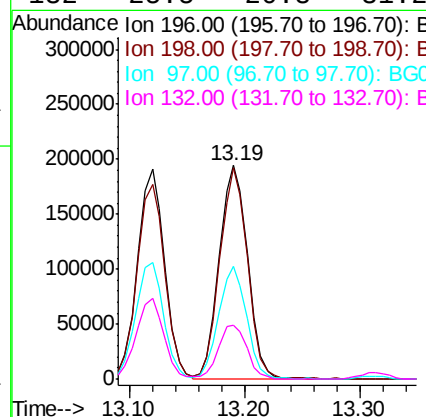
Manual Integrations
 APPROVED

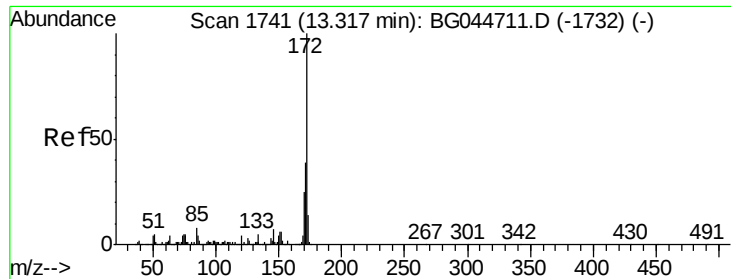
mohammad
 3/18/2020 8:43:30 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.948 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	329236		
198	98.7	77.3	115.9	
97	52.5	44.9	67.3	
132	25.5	20.8	31.2	





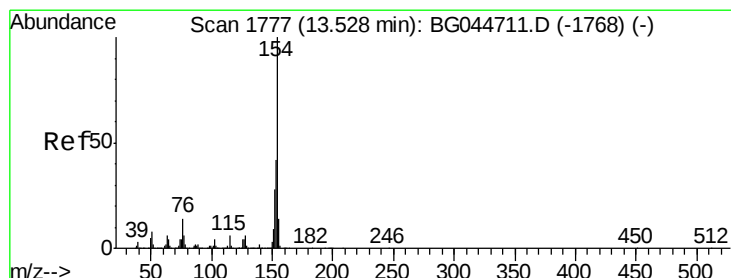
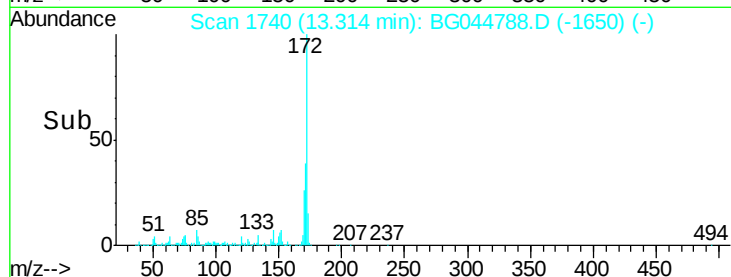
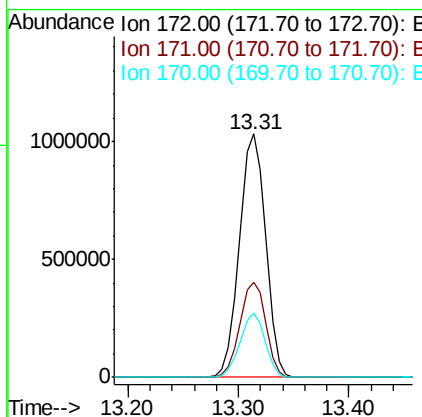
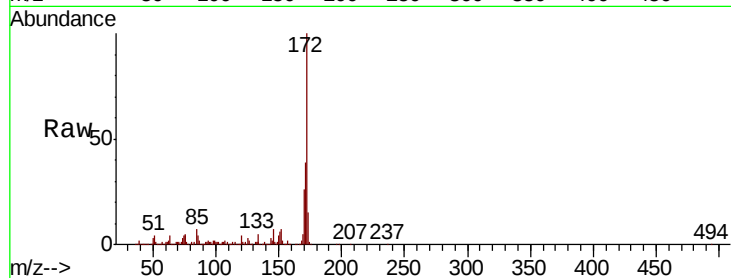
#45
2-Fluorobiphenyl
Concen: 86.626 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.8	46.2
170	26.3	20.0	30.0

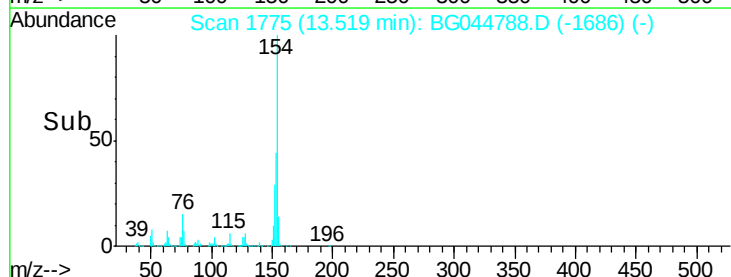
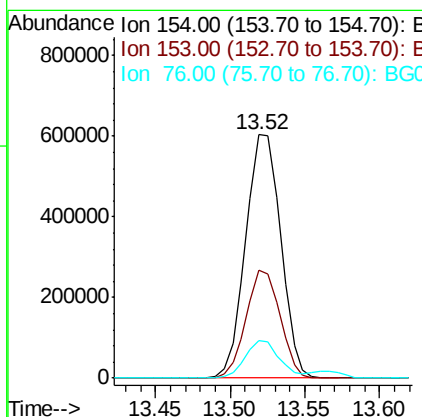
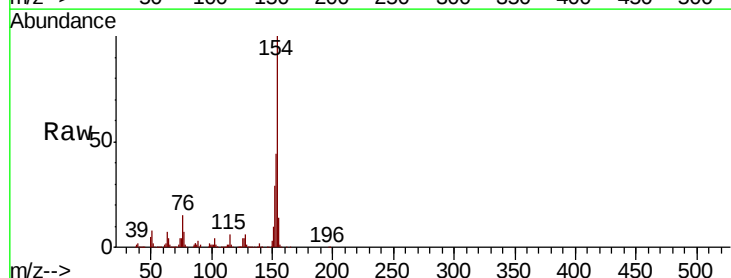
Manual Integrations
APPROVED

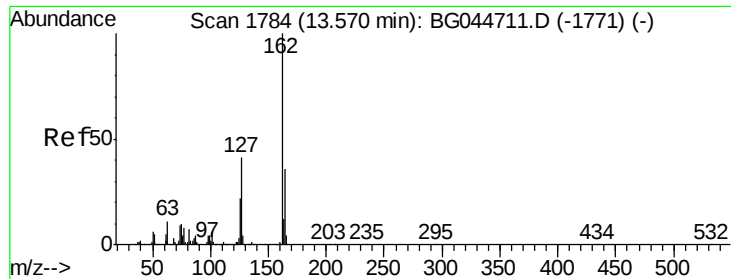
mohammad
3/18/2020 8:43:30 AM



#46
1,1'-Biphenyl
Concen: 43.162 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	22.0	62.0
76	15.2	0.0	34.2





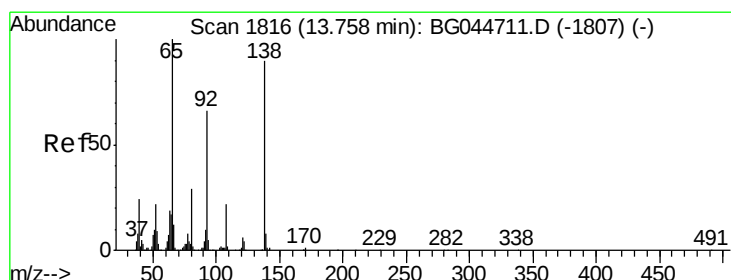
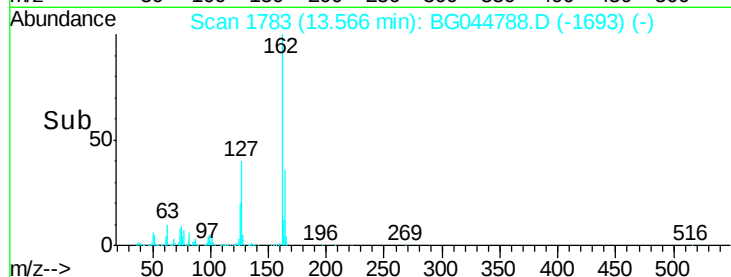
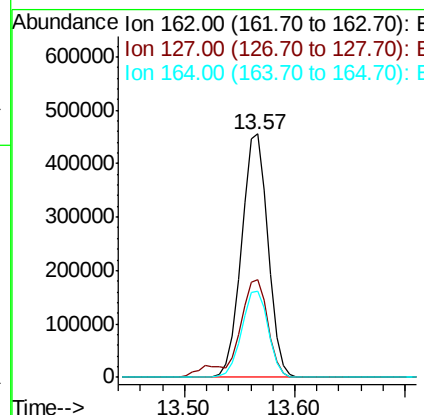
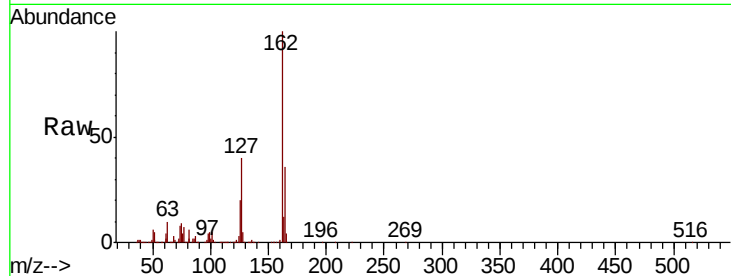
#47
2-Chloronaphthalene
Concen: 43.973 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	48.8
164	35.7	29.0	43.4

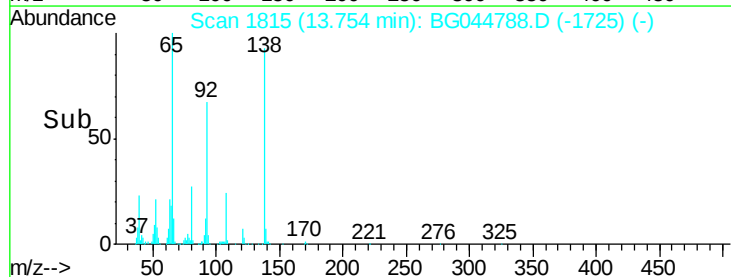
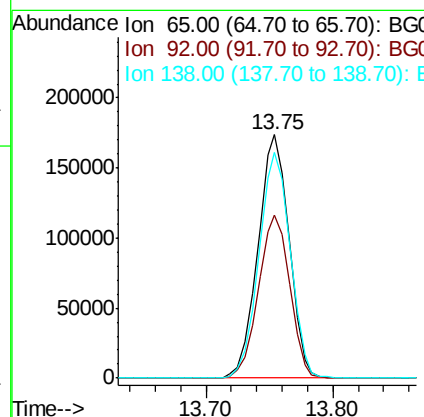
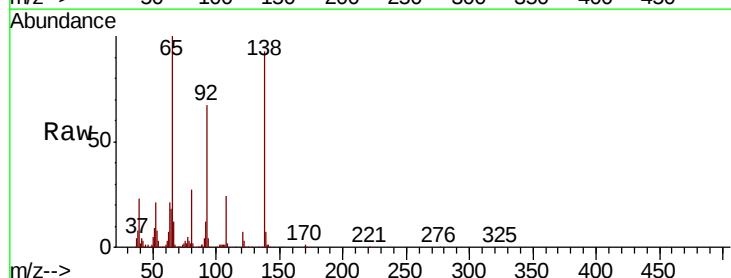
Manual Integrations
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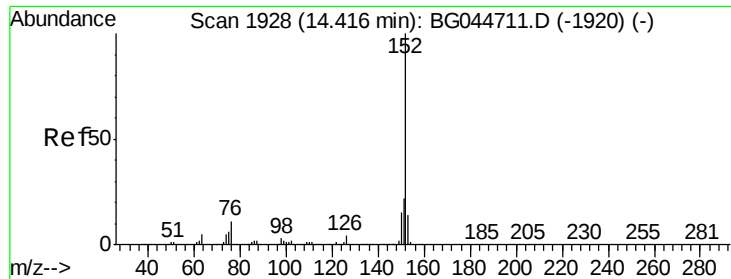
mohammad
3/18/2020 8:43:30 AM



#48
2-Nitroaniline
Concen: 48.909 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.6	79.0
138	92.5	71.8	107.6





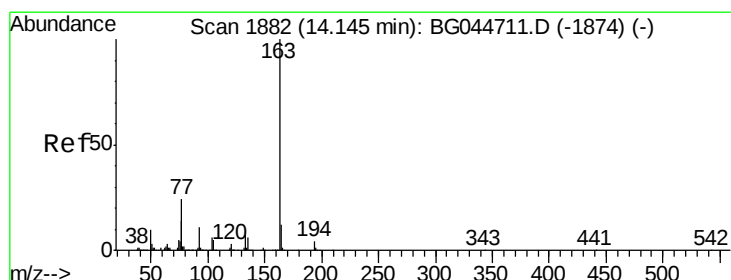
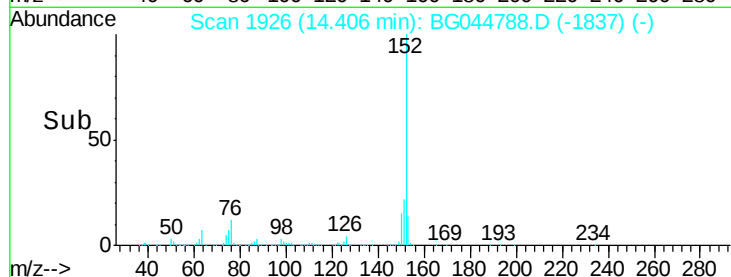
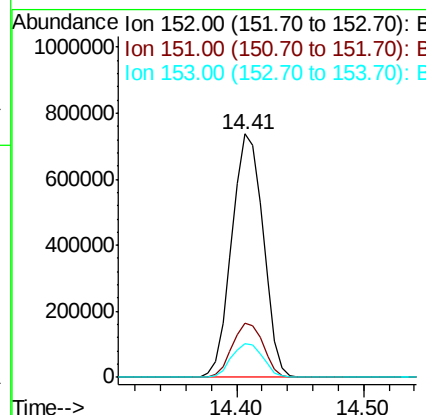
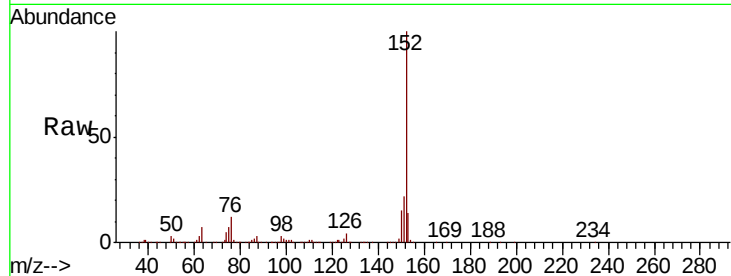
#49
Acenaphthylene
Concen: 46.375 ng
RT: 14.41 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.8	26.8
153	13.9	11.4	17.0

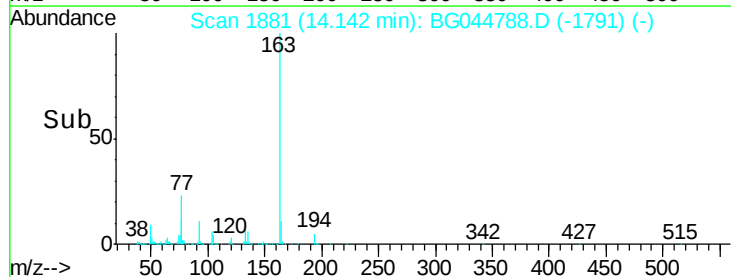
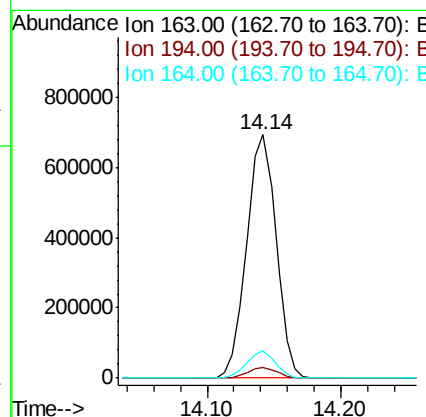
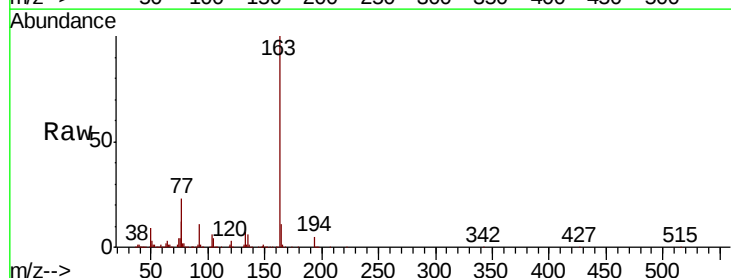
Manual Integrations
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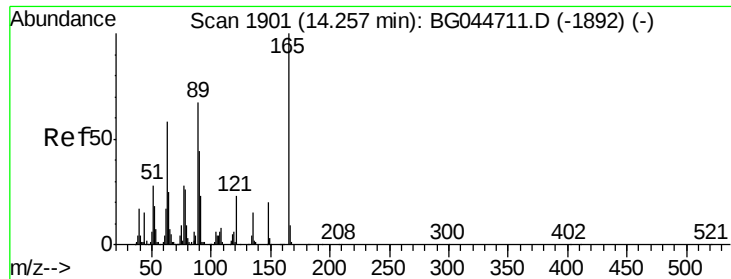
mohammad
3/18/2020 8:43:30 AM



#50
Dimethylphthalate
Concen: 46.529 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	11.2	9.2	13.8





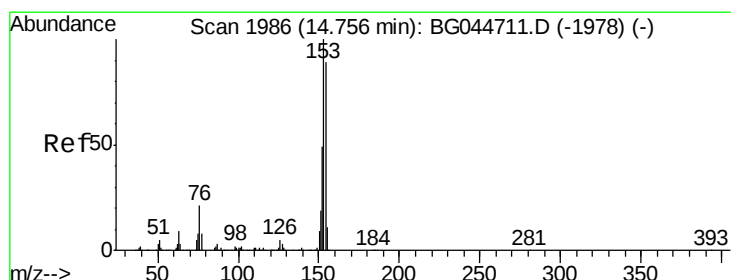
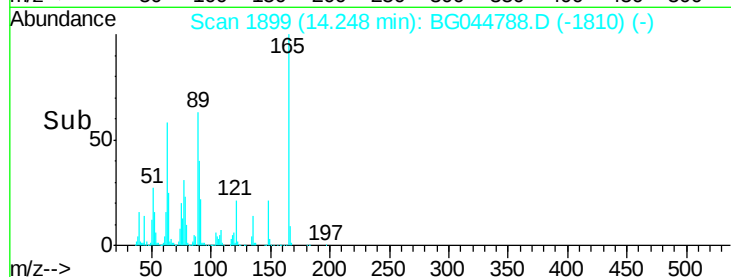
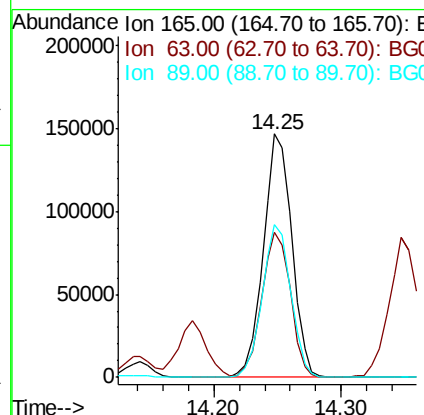
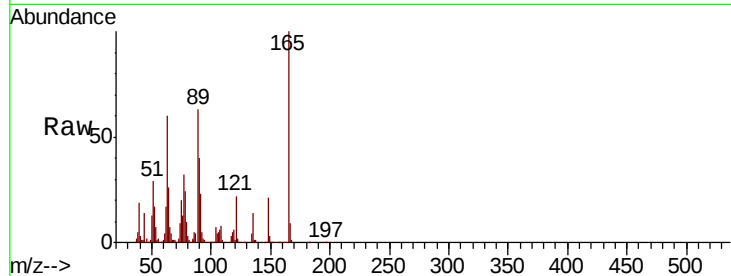
#51
2,6-Dinitrotoluene
Concen: 50.019 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	228941		
63	59.7	48.9	73.3	
89	62.6	53.8	80.8	

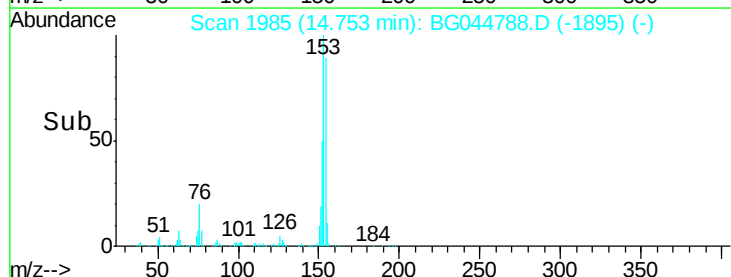
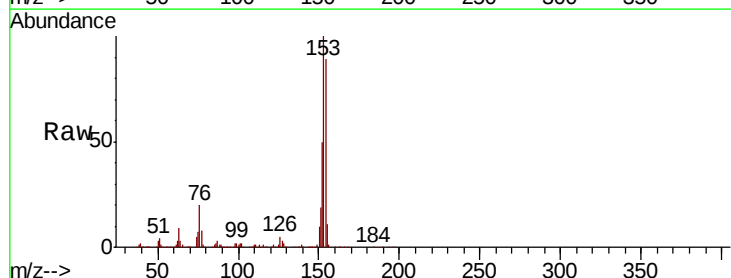
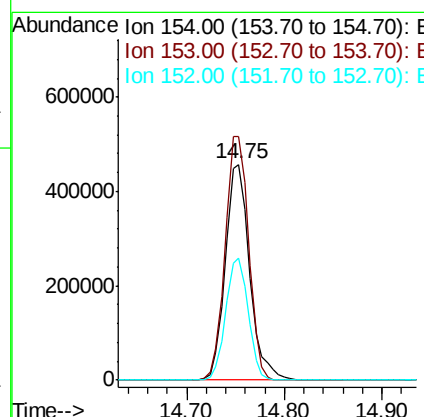
Manual Integrations
APPROVED

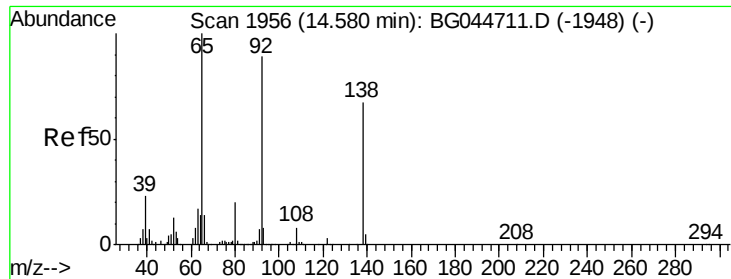
mohammad
3/18/2020 8:43:30 AM



#52
Acenaphthene
Concen: 44.285 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	790814		
153	112.7	89.8	134.8	
152	56.5	44.4	66.6	





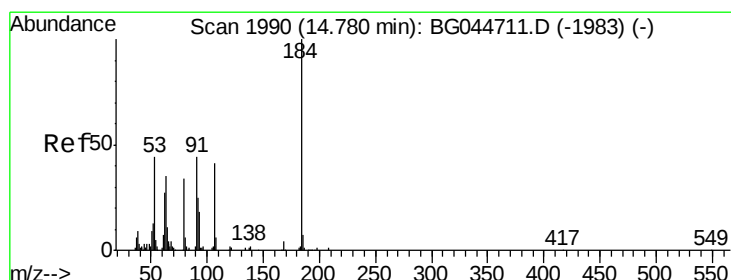
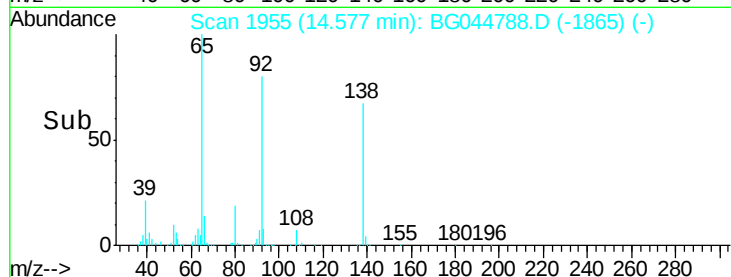
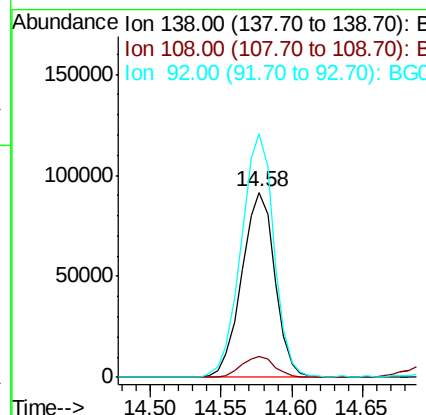
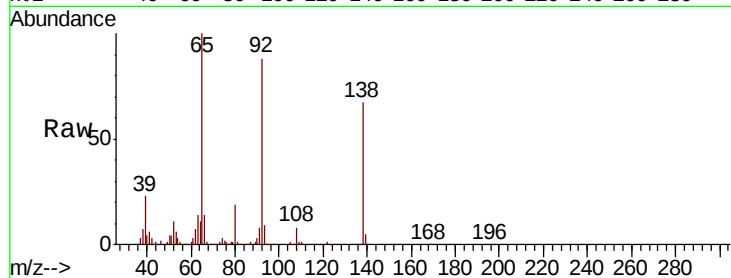
#53
3-Nitroaniline
Concen: 28.655 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.2	13.8
92	131.6	105.6	158.4

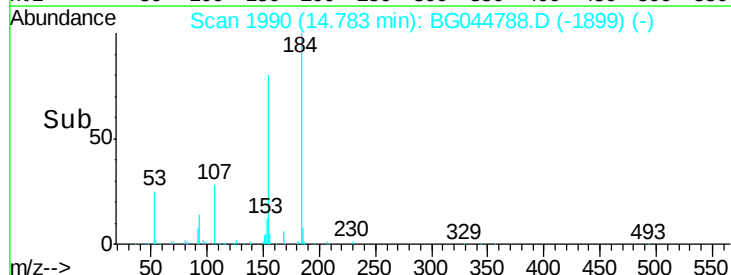
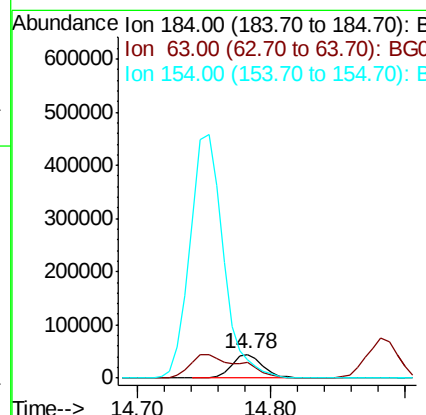
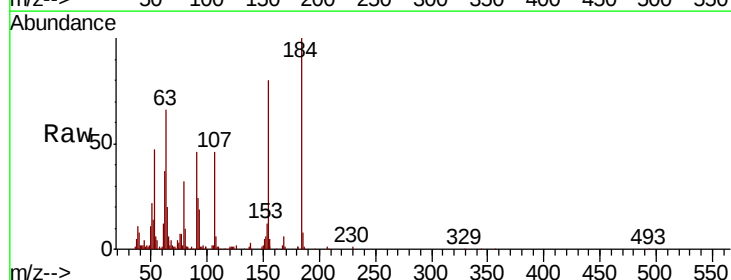
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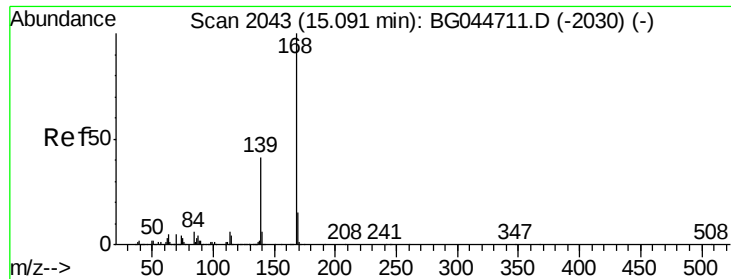
mohammad
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#54
2,4-Dinitrophenol
Concen: 35.275 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	49.0	73.6
154	80.3	94.5	141.7#





#55

Dibenzofuran

Concen: 46.321 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

Tot Ion:168 Resp: 1199491

Ion Ratio Lower Upper

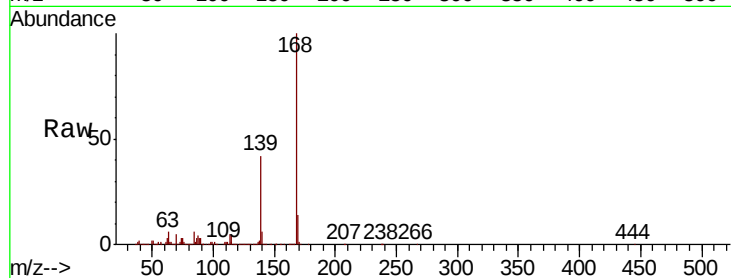
168 100

139 41.7 32.6 49.0

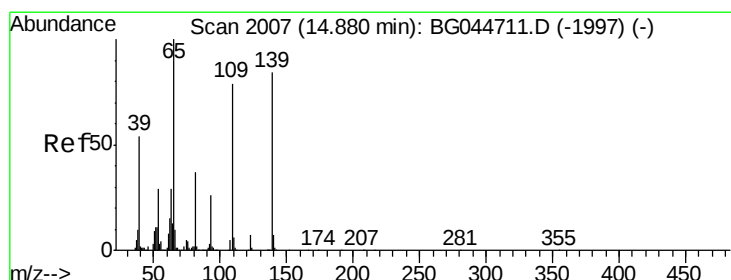
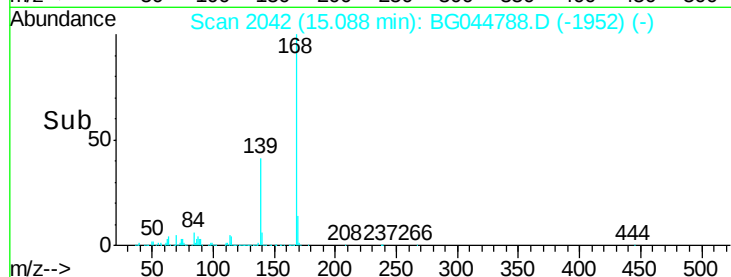
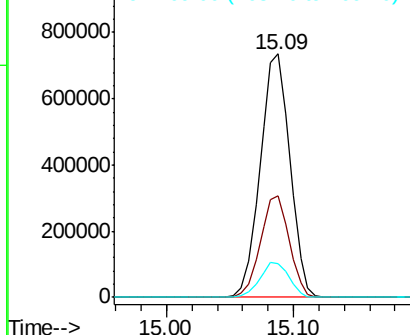
169 13.8 11.8 17.6

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.855 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

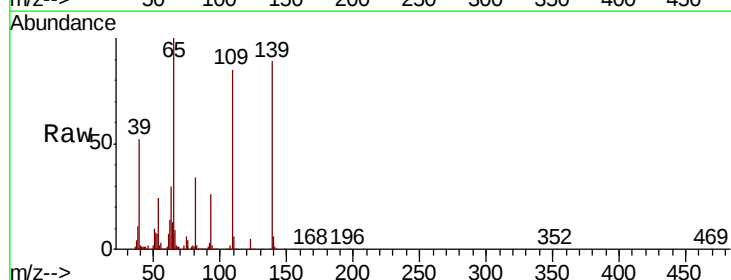
Tgt Ion:139 Resp: 352831

Ion Ratio Lower Upper

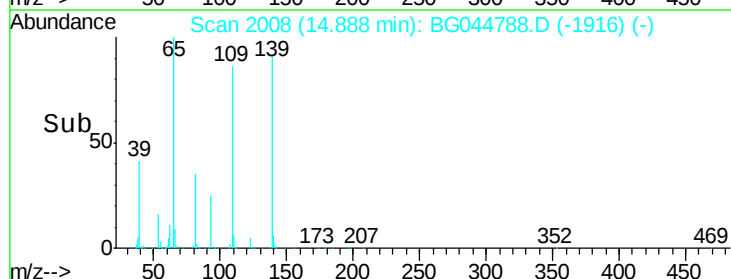
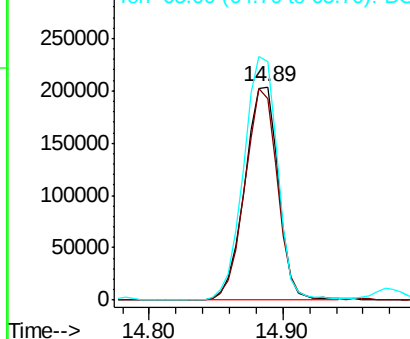
139 100

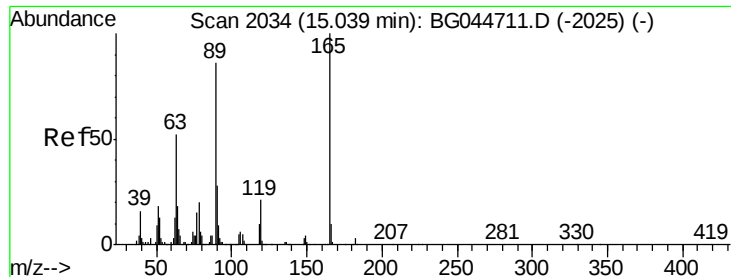
109 94.8 74.1 114.1

65 112.0 98.6 138.6



Abundance Ion 139.00 (138.70 to 139.70): E
300000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO





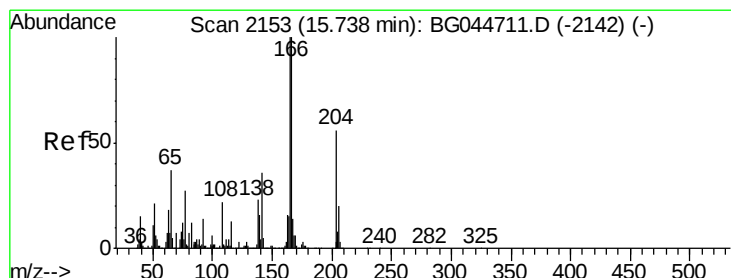
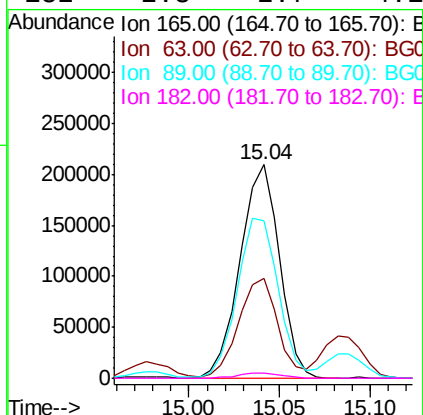
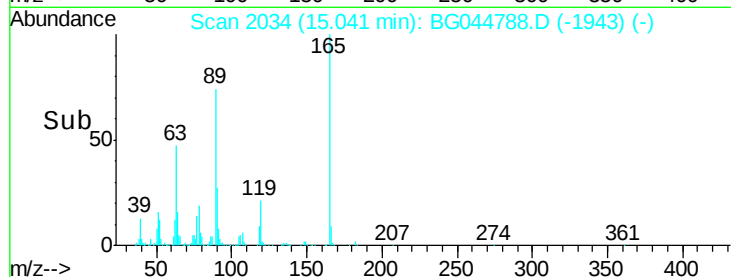
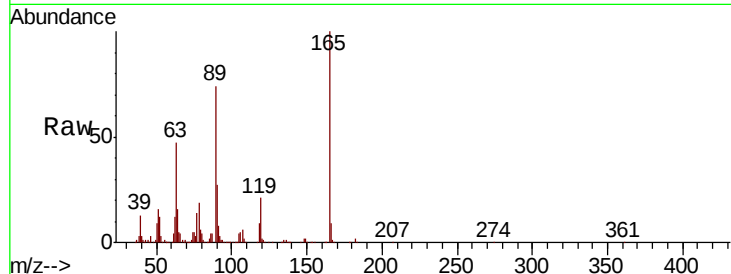
#57
 2,4-Dinitrotoluene
 Concen: 50.179 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.8	41.5	62.3
89	73.9	69.0	103.4
182	2.3	2.7	4.1#

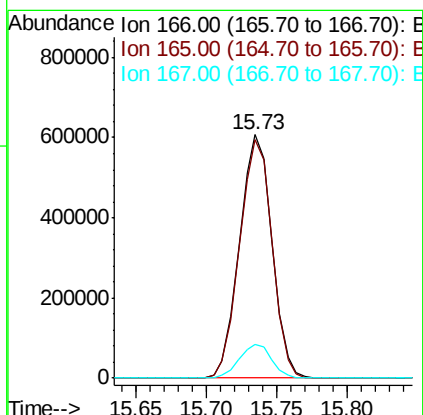
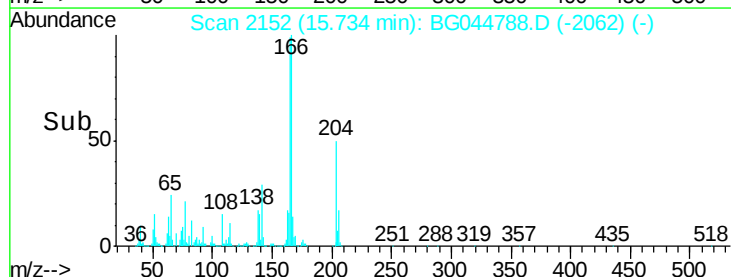
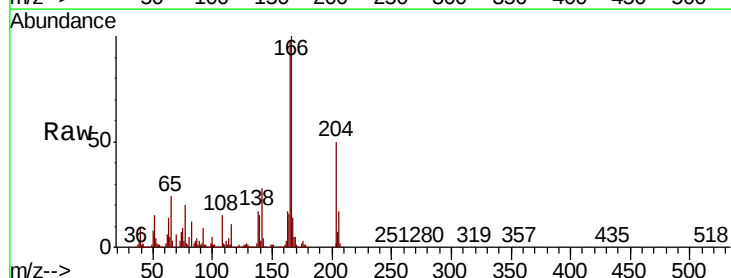
Manual Integrations
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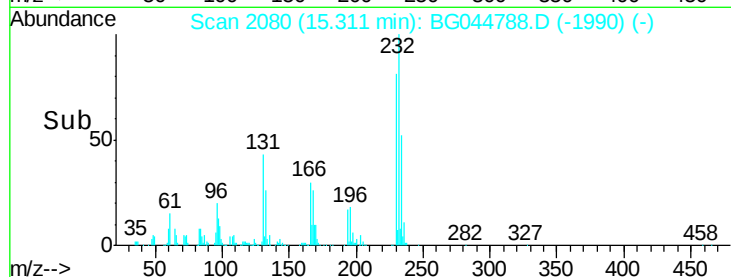
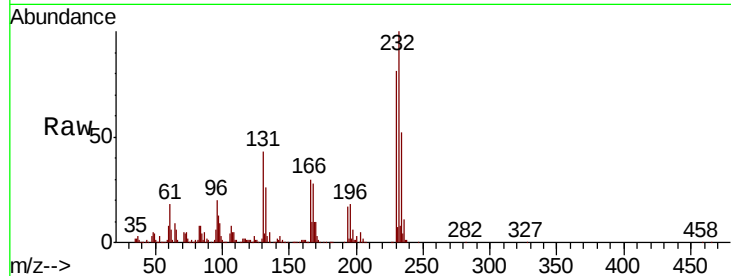
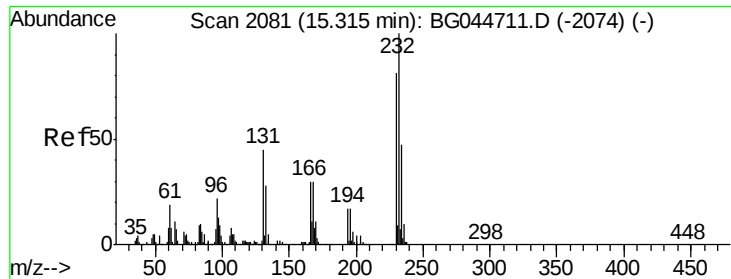
mohammad
 3/18/2020 8:43:30 AM



#58
 Fluorene
 Concen: 45.698 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.6	119.4
167	14.0	11.4	17.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.620 ng/ml

RT: 15.31 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

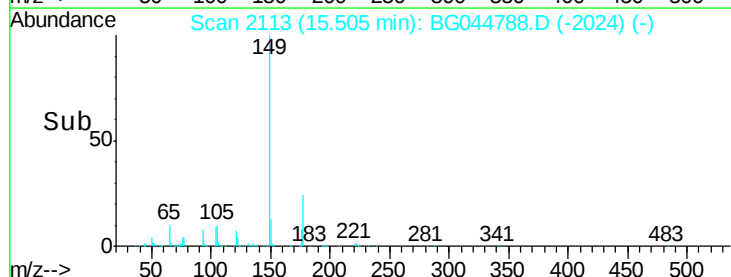
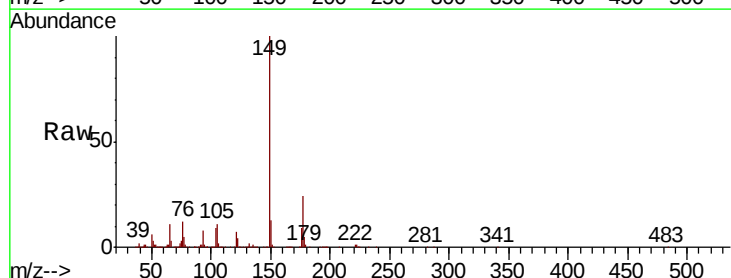
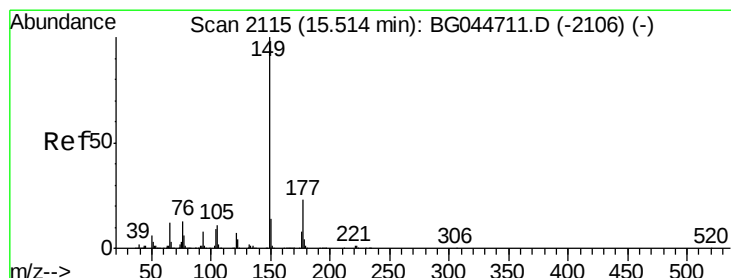
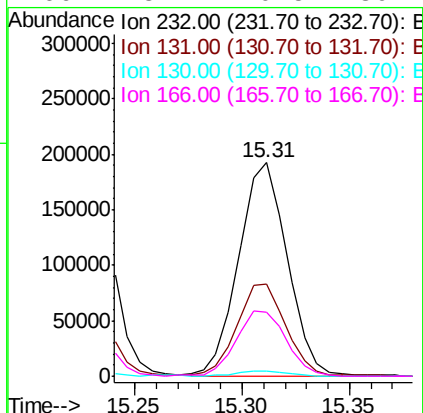
ClientSampleId :

SU-01-031220MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.9	32.4	48.6	
130	2.6	2.0	3.0	
166	25.1	20.5	30.7	

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#60

Diethylphthalate

Concen: 43.973 ng/ml

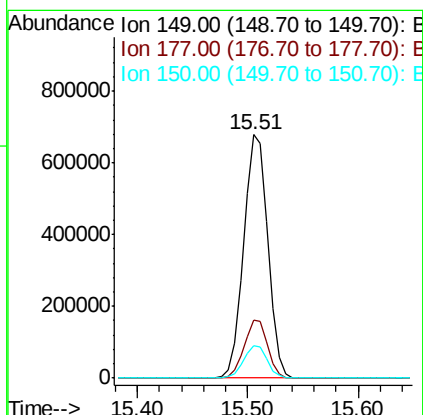
RT: 15.51 min Scan# 2113

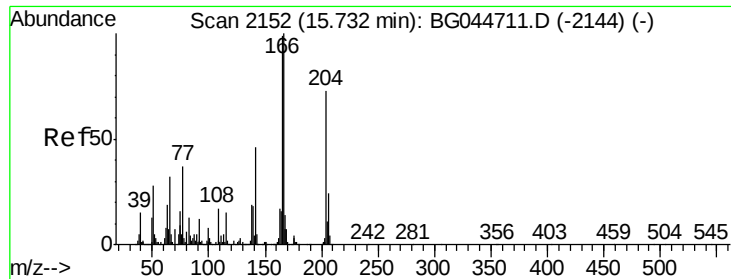
Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.1	18.8	28.2	
150	13.5	11.2	16.8	





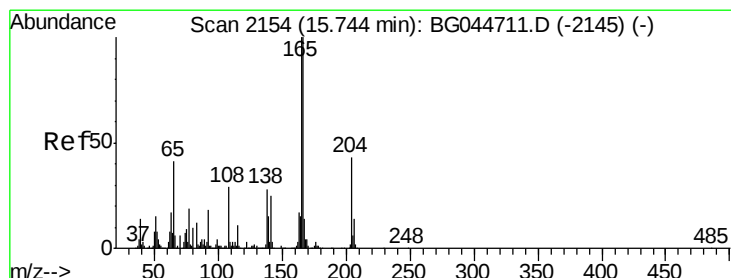
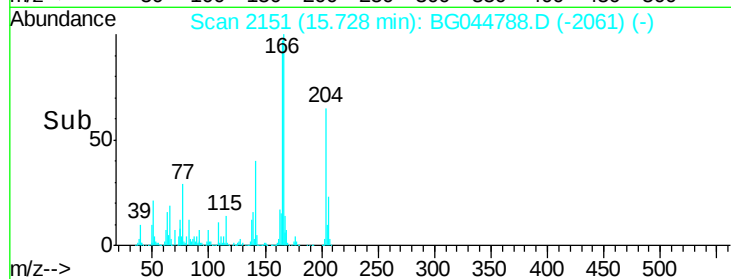
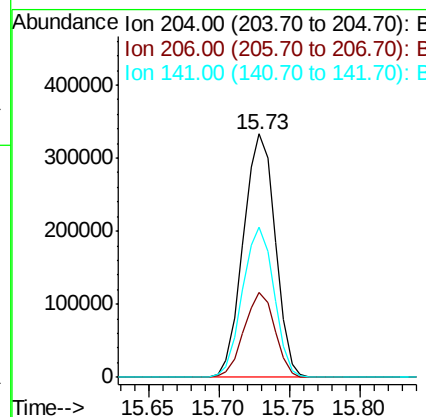
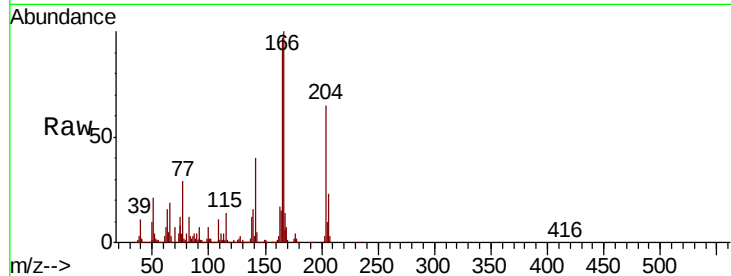
#61
4-Chlorophenyl-phenylether
Concen: 45.970 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	25.8	38.6
141	61.6	50.8	76.2

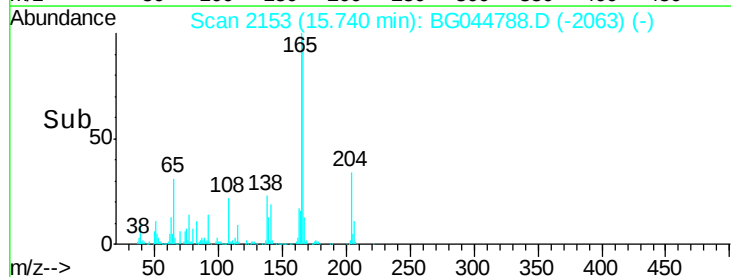
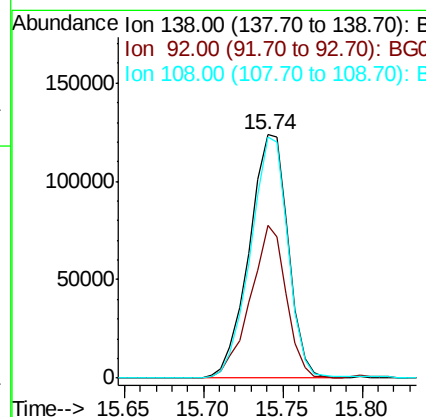
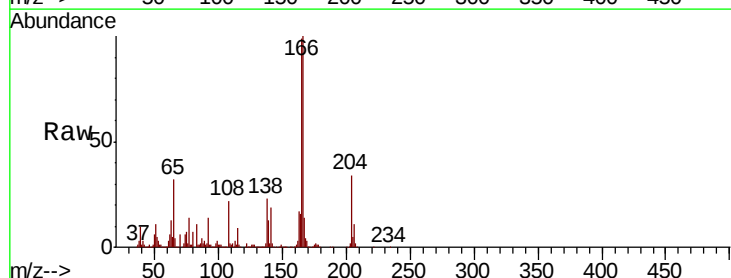
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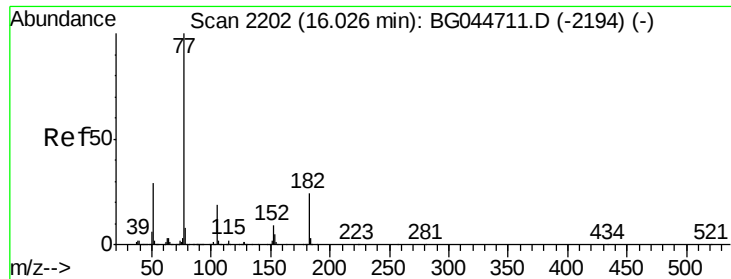
mohammad
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#62
4-Nitroaniline
Concen: 37.457 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.8	42.1	82.1
108	99.1	81.2	121.2





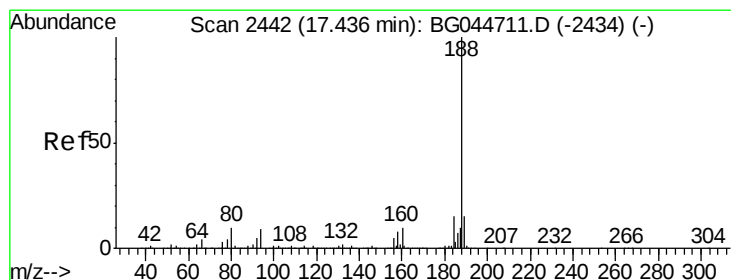
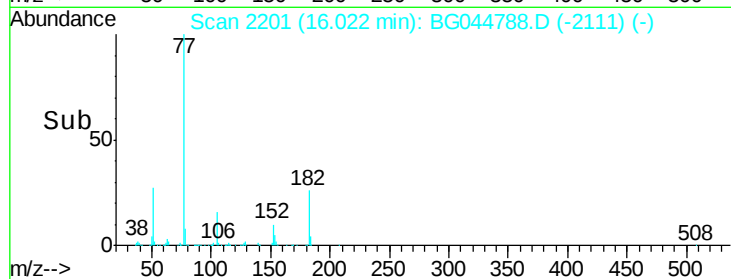
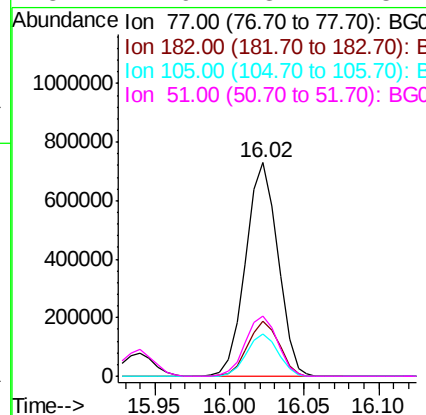
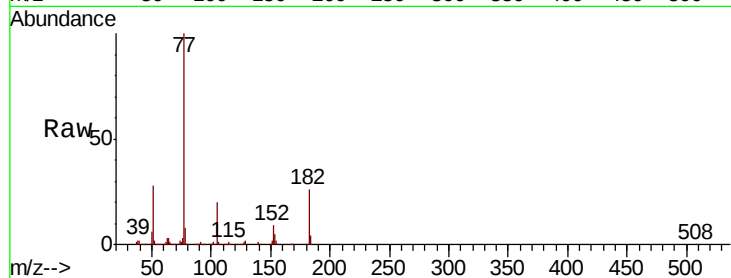
#63
Azobenzene
Concen: 44.296 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.0	3.6	43.6	
105	19.7	0.0	39.3	
51	27.9	8.7	48.7	

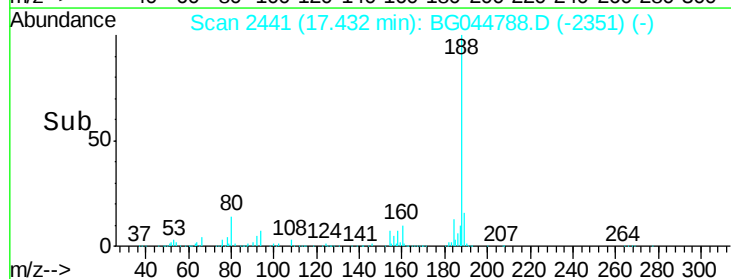
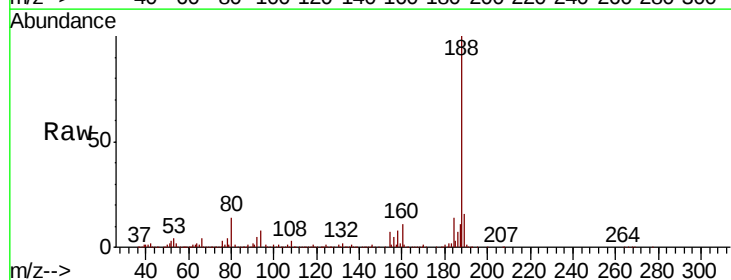
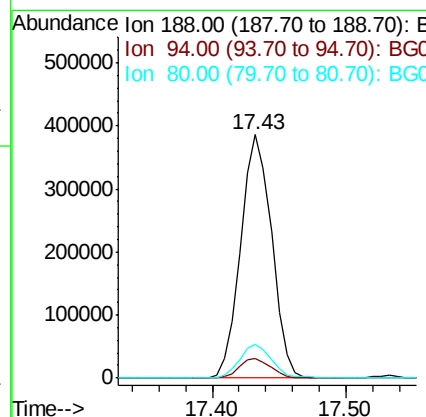
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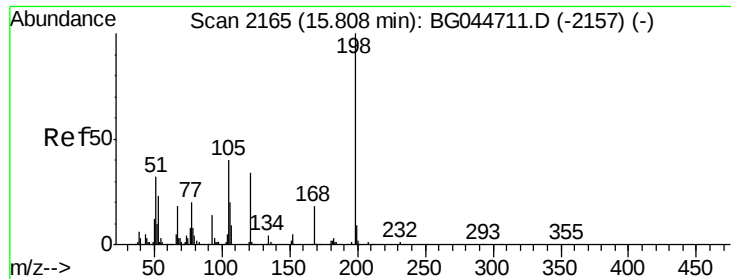
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.0	10.6	
80	14.0	8.4	12.6	





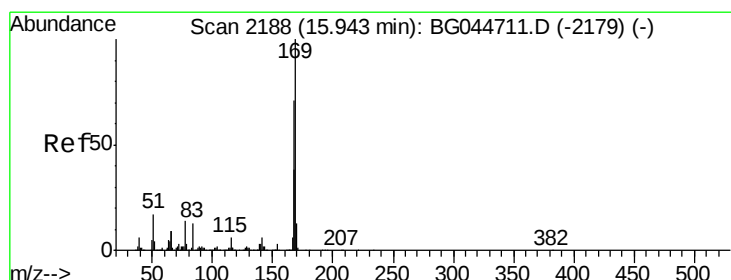
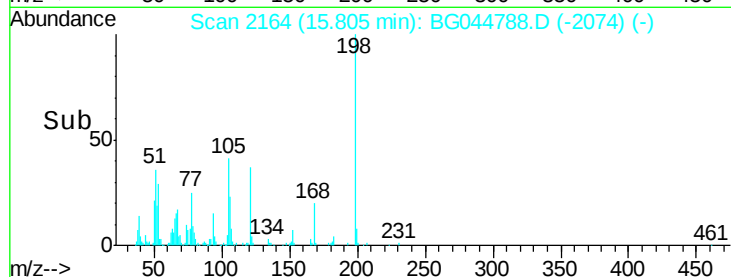
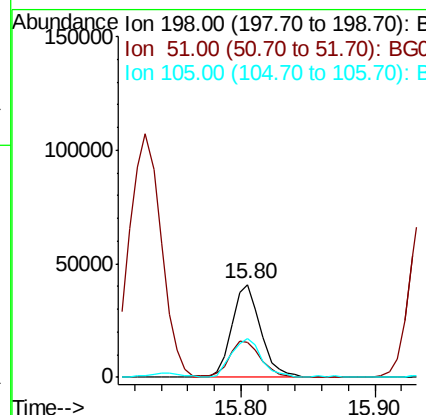
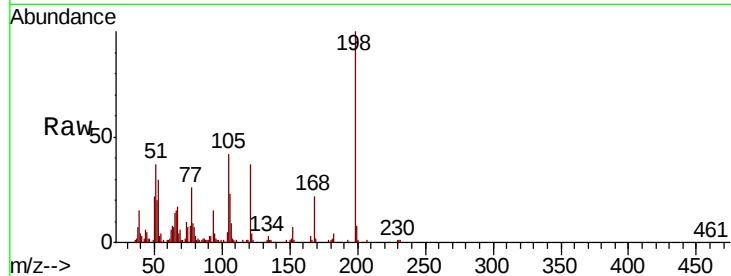
#65
4,6-Dinitro-2-methylphenol
Concen: 25.537 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	61815		
51	37.5	20.1	60.1	
105	41.8	21.3	61.3	

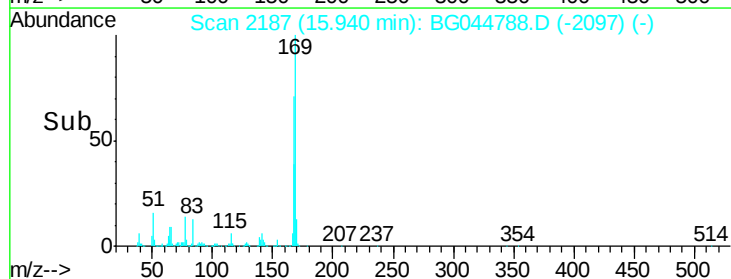
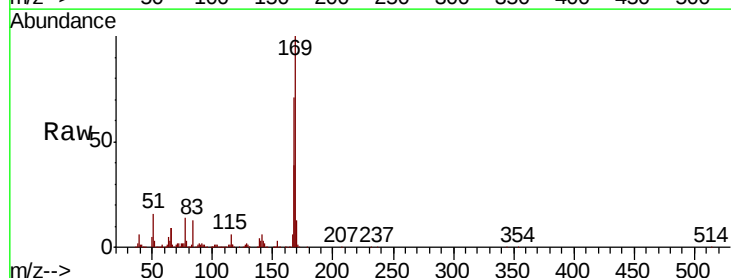
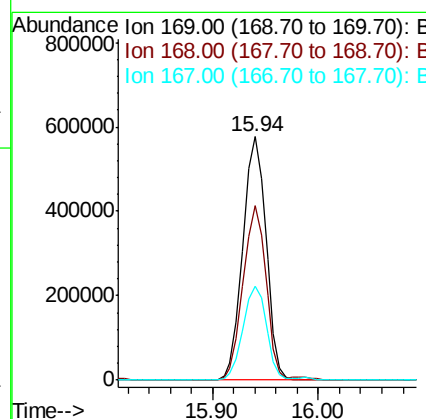
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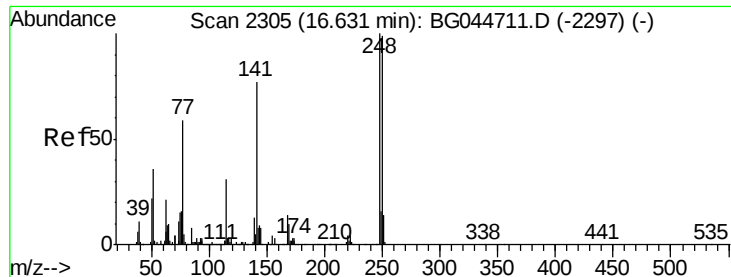
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#66
n-Nitrosodiphenylamine
Concen: 46.985 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	875414		
168	71.4	56.6	85.0	
167	38.5	30.1	45.1	





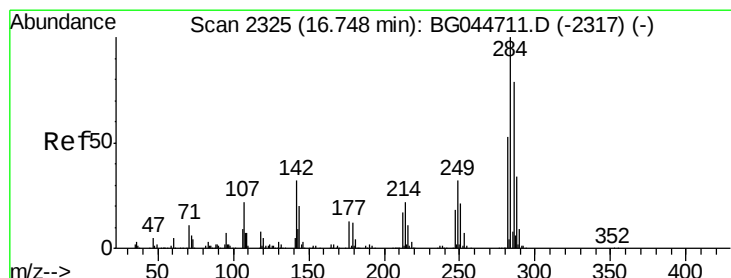
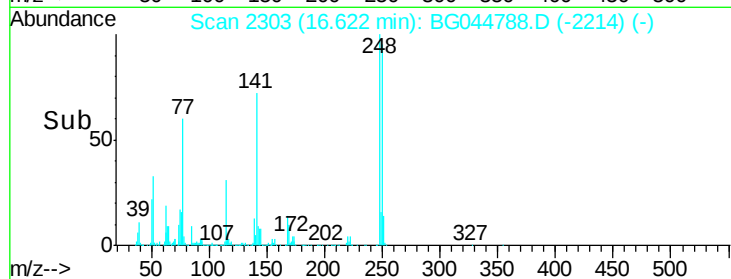
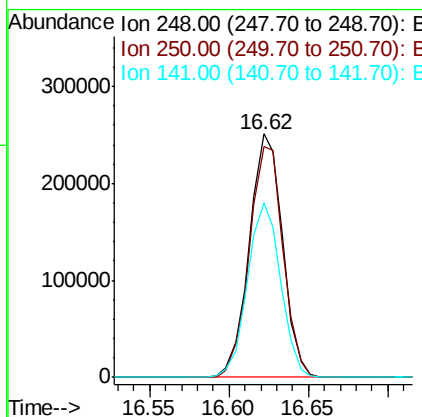
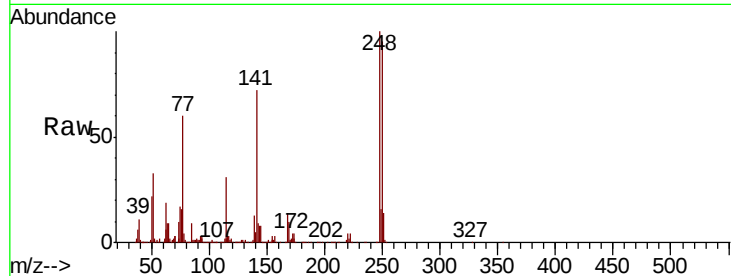
#67
 4-Bromophenyl-phenylether
 Concen: 47.308 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Tot Ion:	248	Resp:	365995
Ion Ratio		Lower	Upper
248	100		
250	94.9	79.4	119.0
141	71.9	61.7	92.5

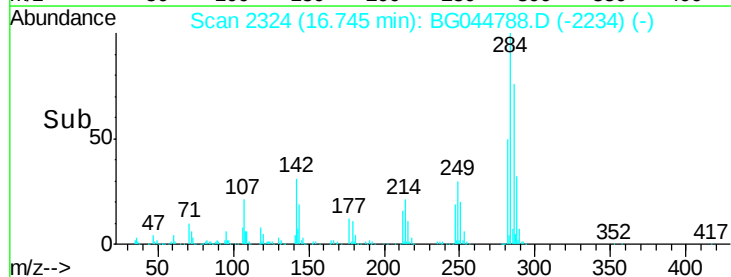
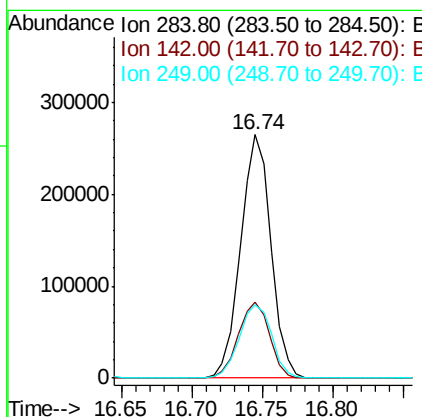
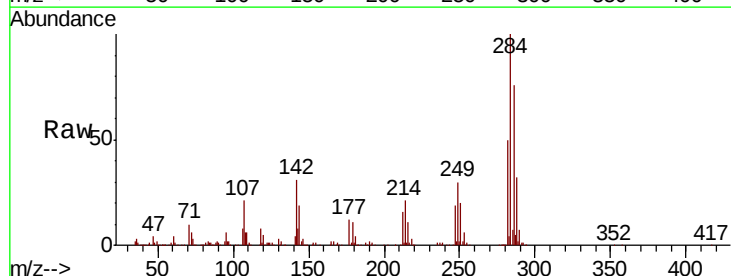
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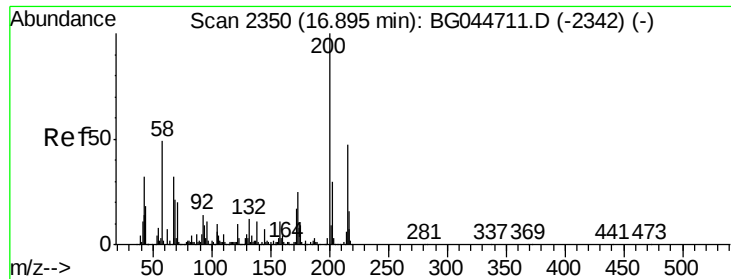
mohammad
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#68
 Hexachlorobenzene
 Concen: 47.164 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:	284	Resp:	395859
Ion Ratio		Lower	Upper
284	100		
142	31.3	25.6	38.4
249	30.2	25.8	38.6





#69

Atrazine

Concen: 49.313 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

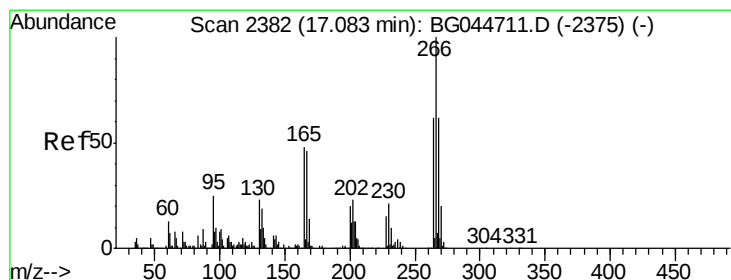
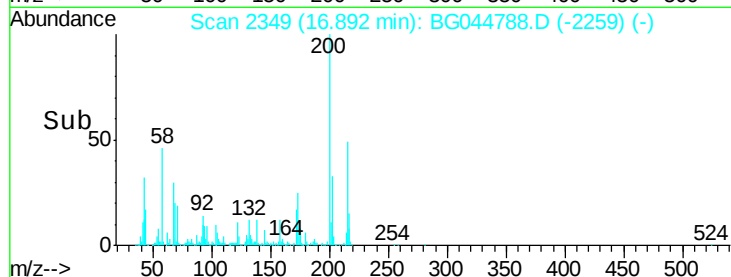
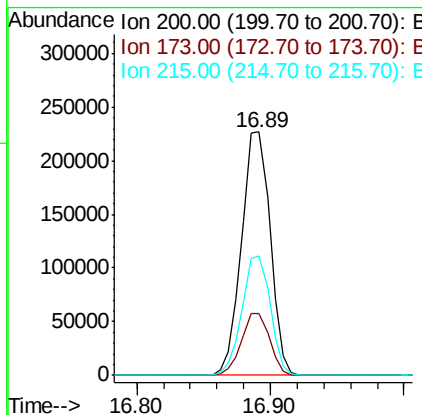
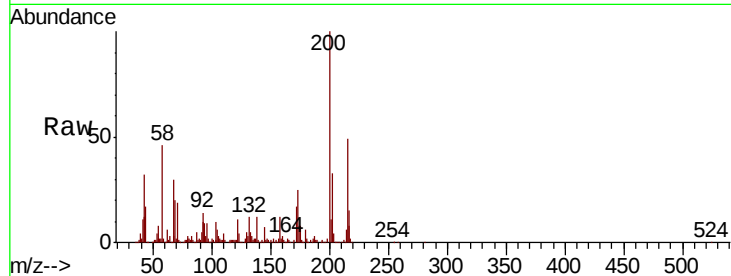
ClientSampleId :

SU-01-031220MSD

Tot Ion:	200	Resp:	336616
Ion Ratio	Lower	Upper	
200	100		
173	25.2	4.8	44.8
215	48.9	27.4	67.4

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#70

Pentachlorophenol

Concen: 103.539 ng

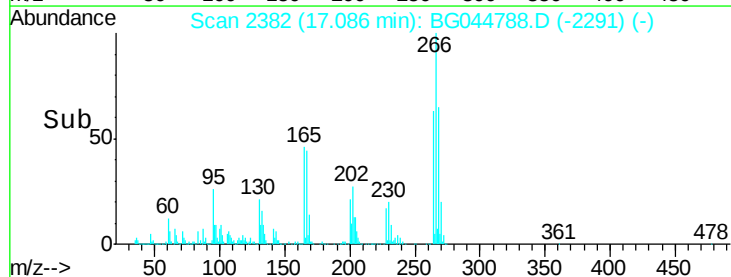
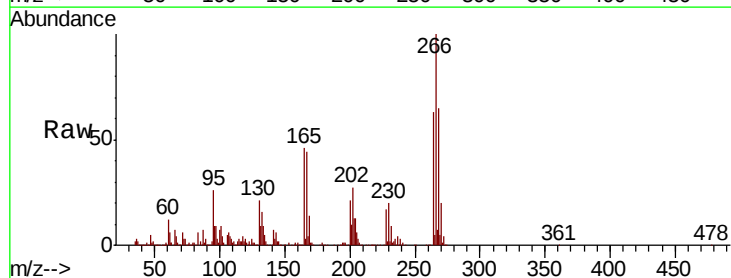
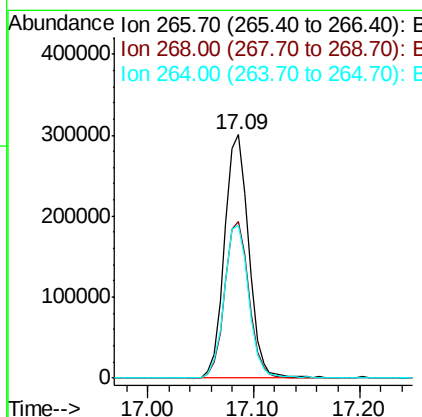
RT: 17.09 min Scan# 2382

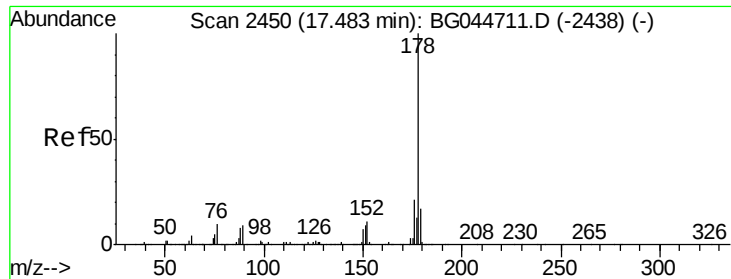
Delta R.T. 0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	266	Resp:	478152
Ion Ratio	Lower	Upper	
266	100		
268	64.6	49.9	74.9
264	62.8	49.9	74.9





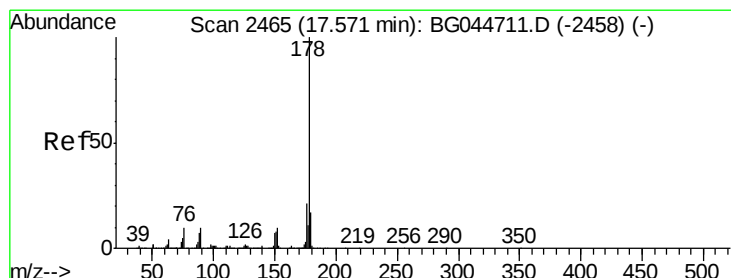
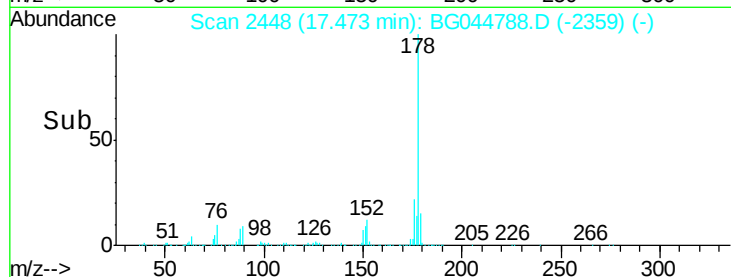
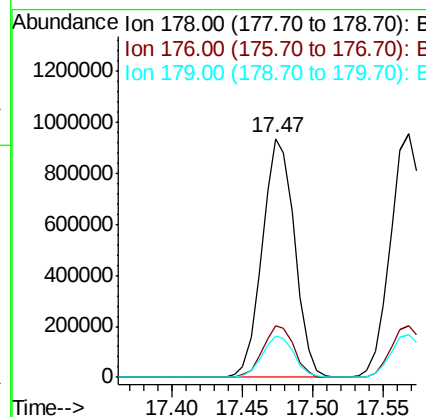
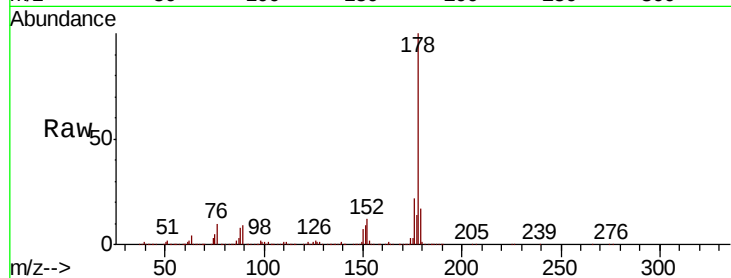
#71
Phenanthrene
Concen: 45.424 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion:178 Resp: 1502189
Ion Ratio Lower Upper
178 100
176 21.8 17.0 25.6
179 17.4 13.7 20.5

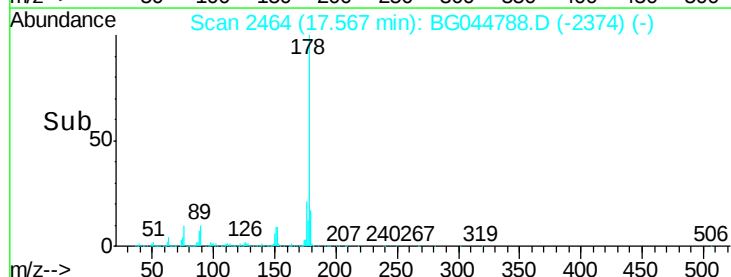
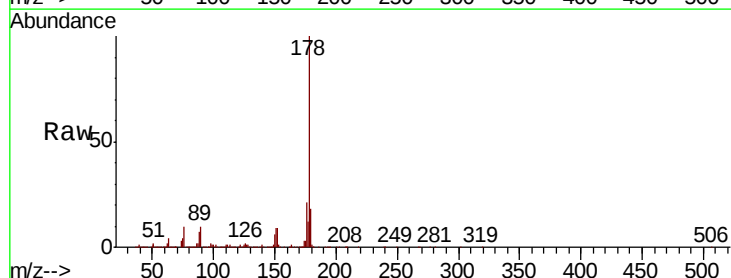
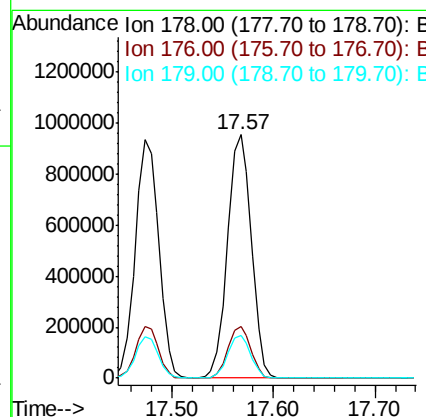
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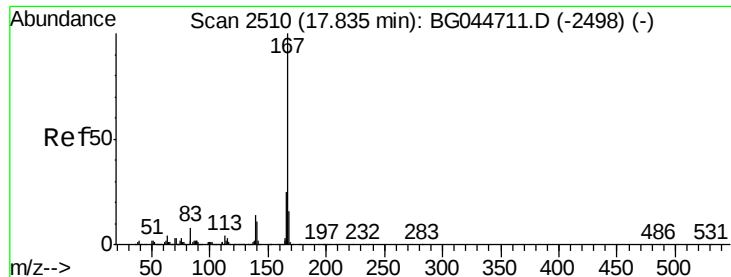
mohammad
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#72
Anthracene
Concen: 47.650 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:178 Resp: 1553844
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.6
179 17.7 13.8 20.8





#73

Carbazole

Concen: 45.510 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

Tot Ion:167 Resp: 1425539

Ion Ratio Lower Upper

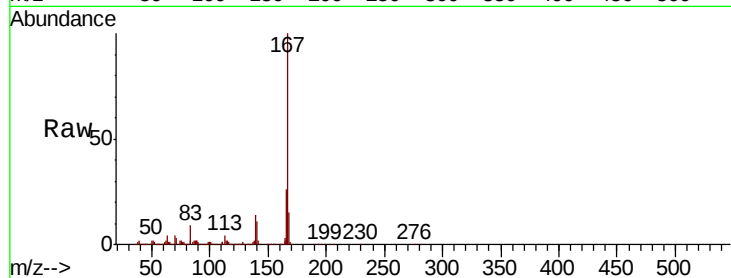
167 100

166 25.5 19.6 29.4

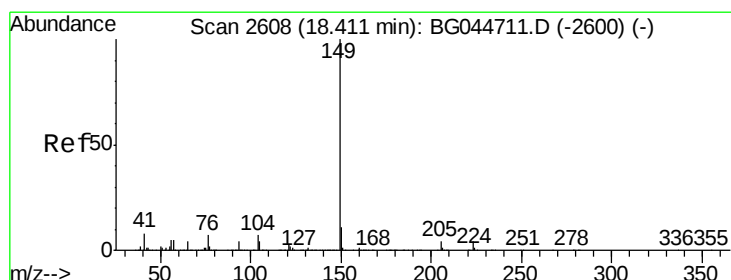
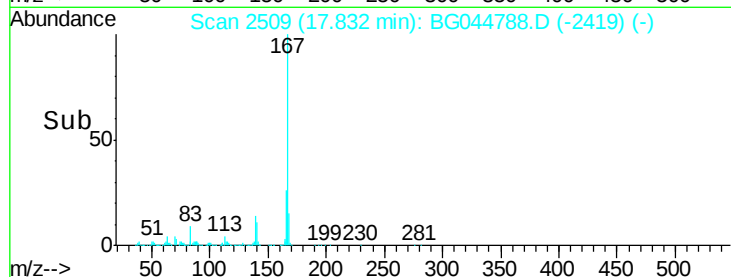
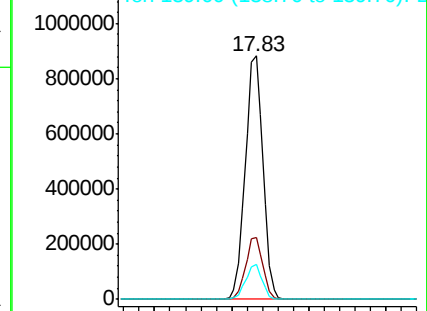
139 14.3 11.4 17.2

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



#74

Di-n-butylphthalate

Concen: 42.938 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

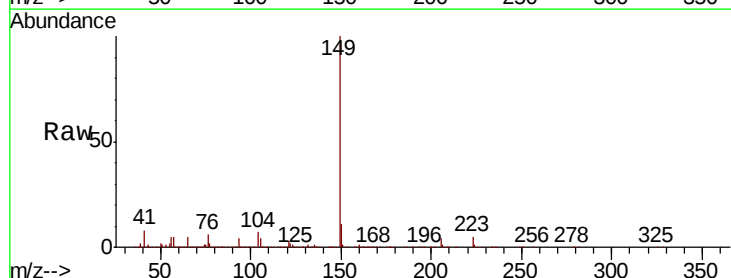
Tgt Ion:149 Resp: 1634939

Ion Ratio Lower Upper

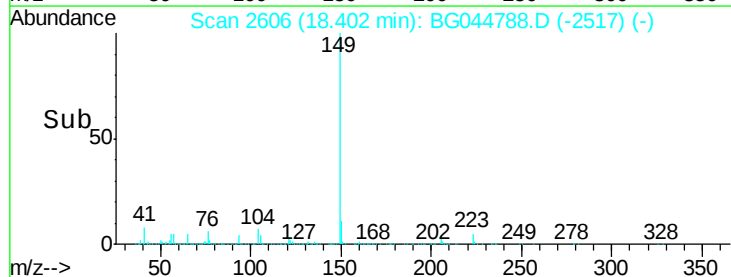
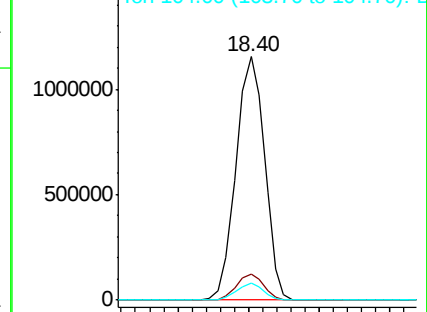
149 100

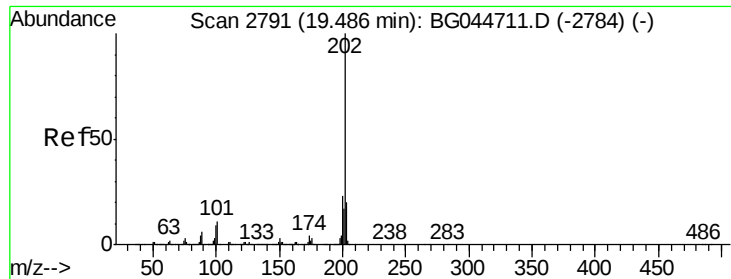
150 10.8 8.4 12.6

104 6.8 5.6 8.4



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





#75

Fluoranthene

Concen: 43.803 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

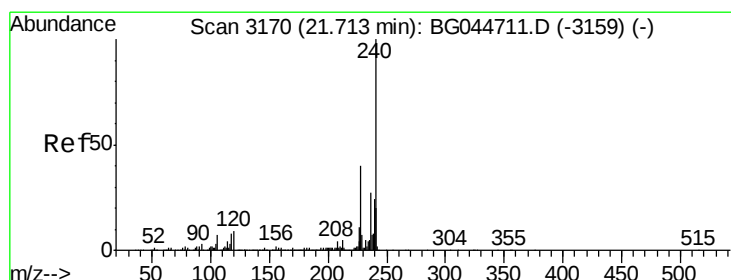
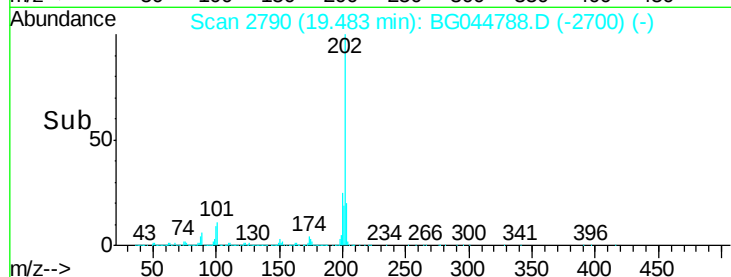
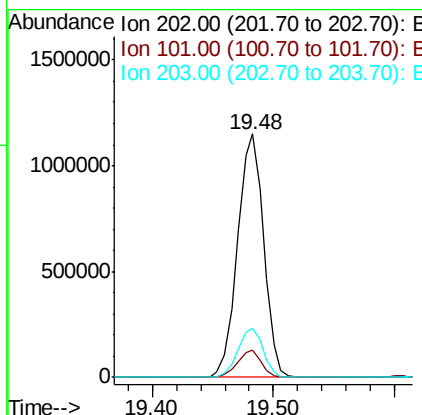
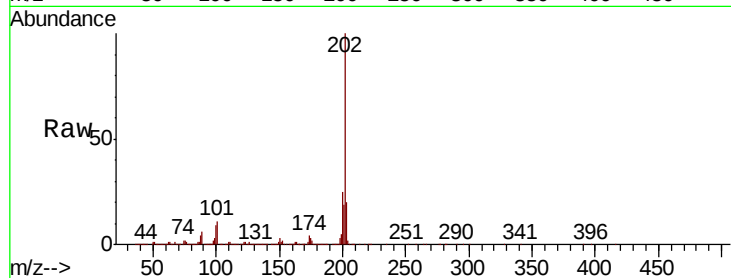
ClientSampleId :

SU-01-031220MSD

Tot Ion:	202	Resp:	1724768
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	20.2	0.4	40.4

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#76

Chrysene-d12

Concen: 20.000 ng

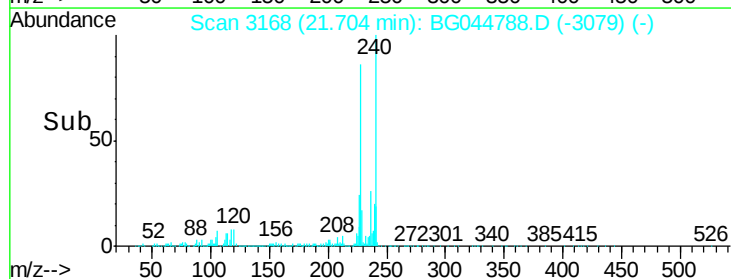
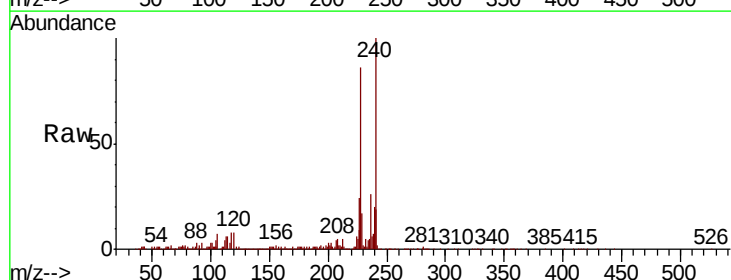
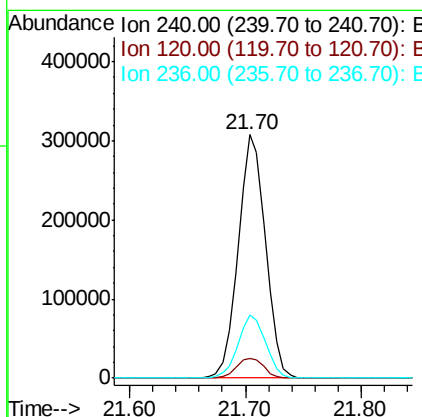
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	240	Resp:	501081
Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	26.0	21.9	32.9





#77

Benzidine

Concen: 39.150 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

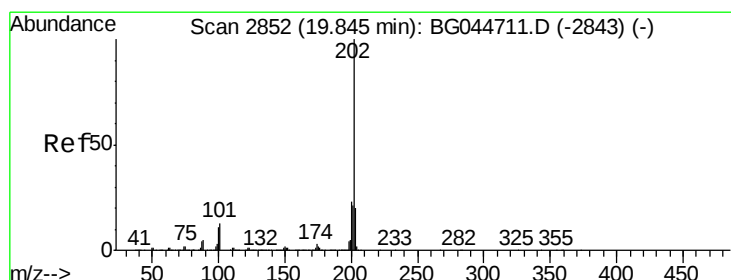
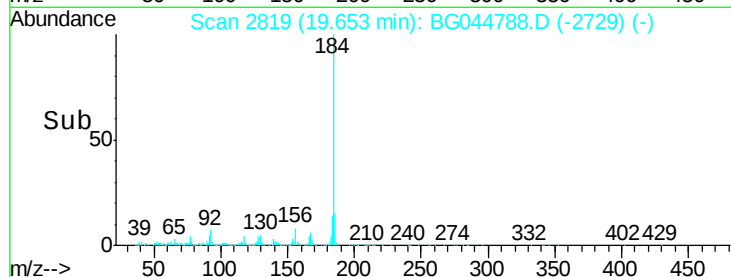
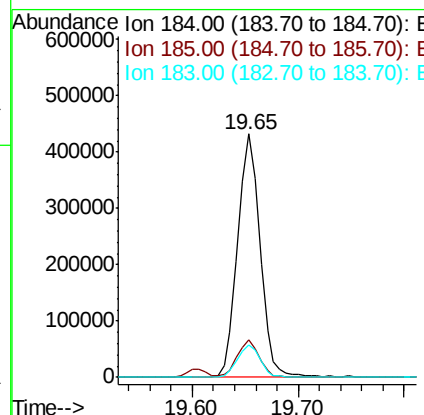
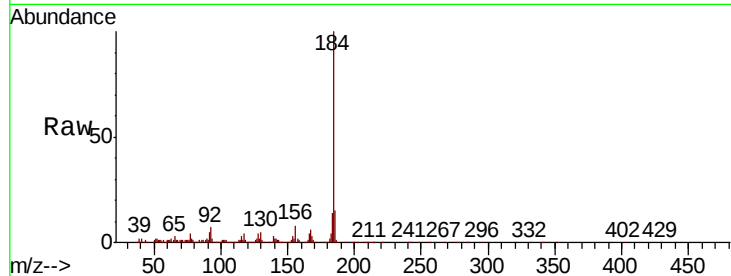
ClientSampleId :

SU-01-031220MSD

Tot Ion:	184	Resp:	636858
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.9	19.3
183	13.5	10.6	15.8

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#78

Pyrene

Concen: 46.807 ng

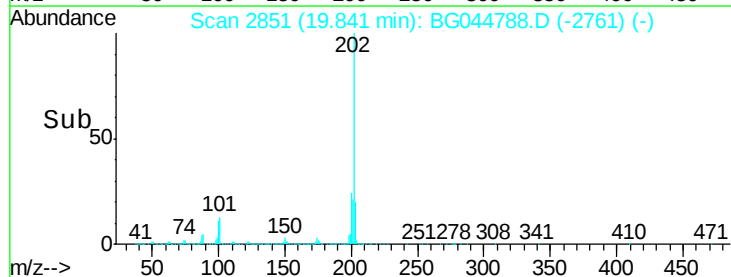
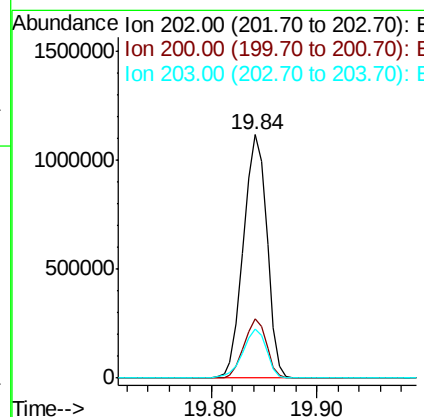
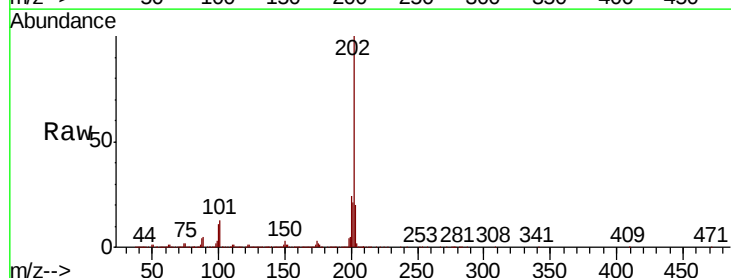
RT: 19.84 min Scan# 2851

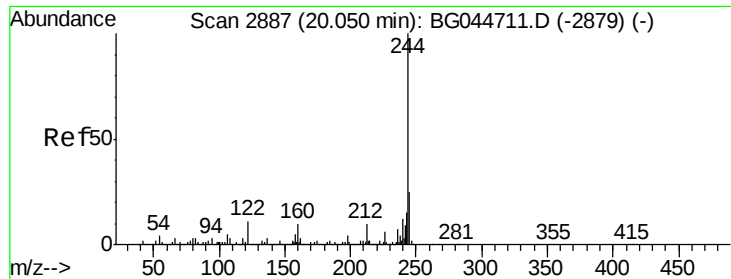
Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	202	Resp:	1720740
Ion Ratio		Lower	Upper
202	100		
200	24.3	18.7	28.1
203	20.2	16.0	24.0





#79

Terphenyl-d14

Concen: 90.671 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

Tot Ion:244 Resp: 2428890

Ion Ratio Lower Upper

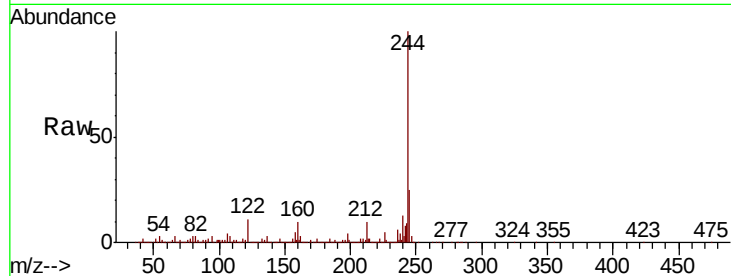
244 100

212 10.1 8.4 12.6

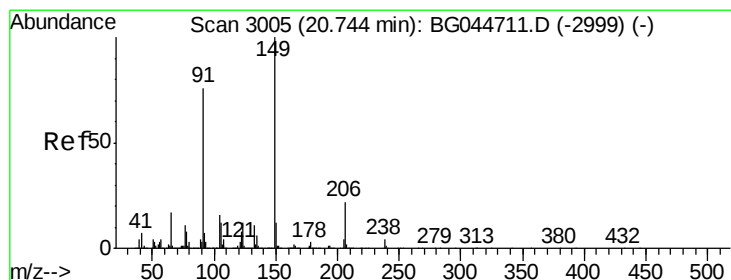
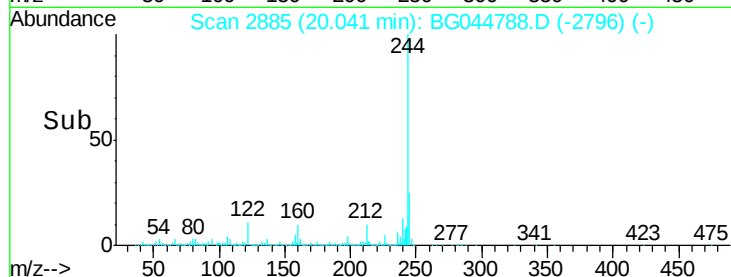
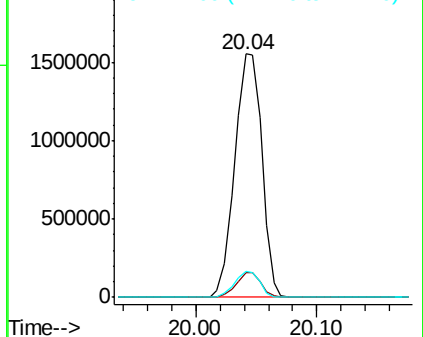
122 10.8 8.7 13.1

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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: 46.158 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

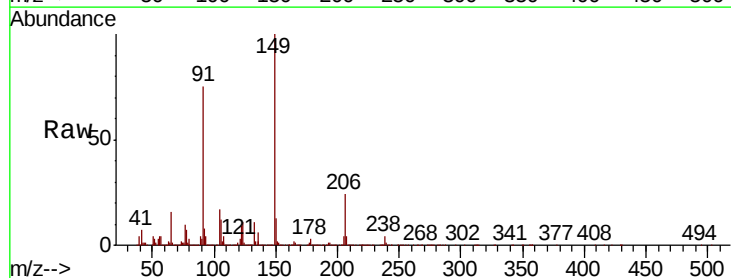
Tgt Ion:149 Resp: 754912

Ion Ratio Lower Upper

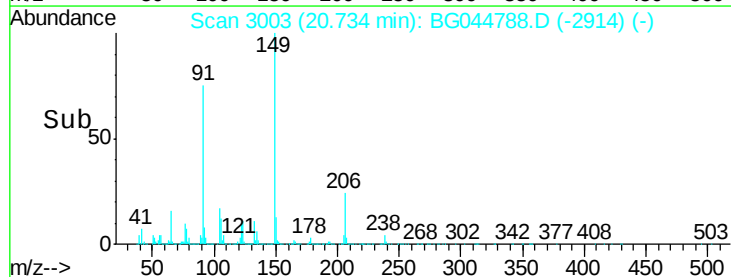
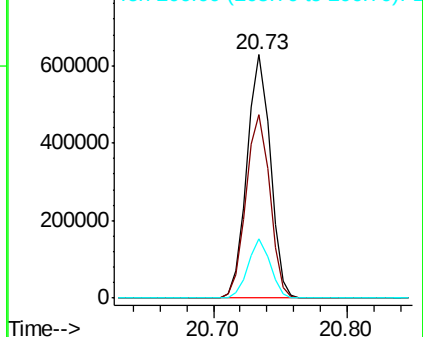
149 100

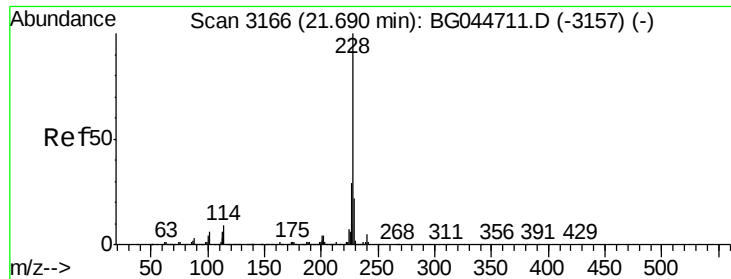
91 75.3 61.1 91.7

206 24.5 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





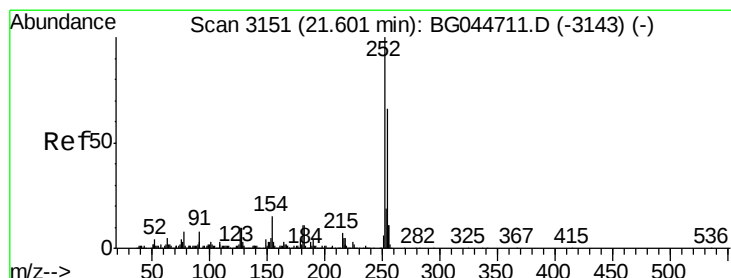
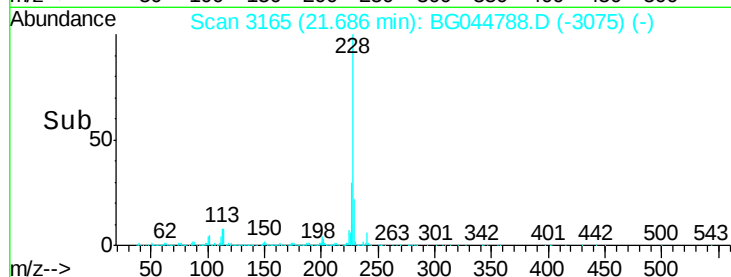
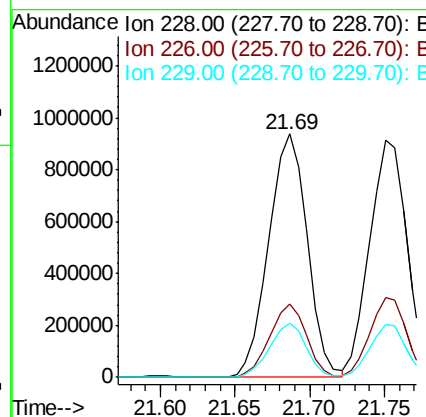
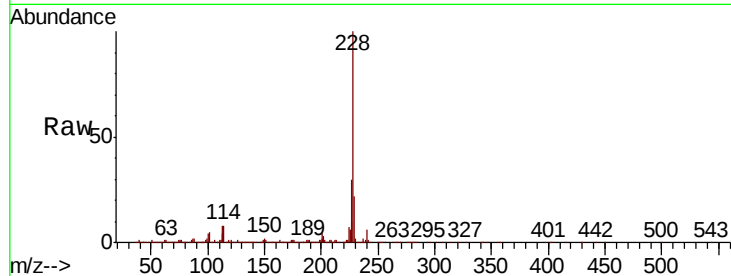
#81
Benzo(a)anthracene
Concen: 46.847 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	22.1	17.2	25.8

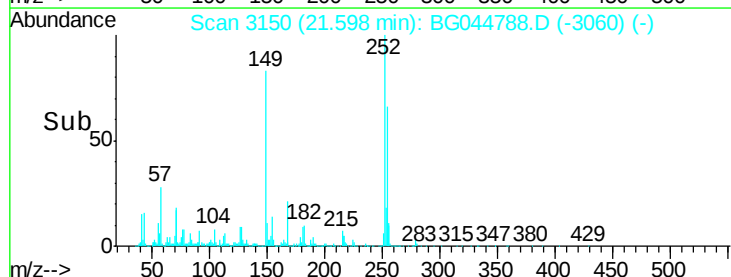
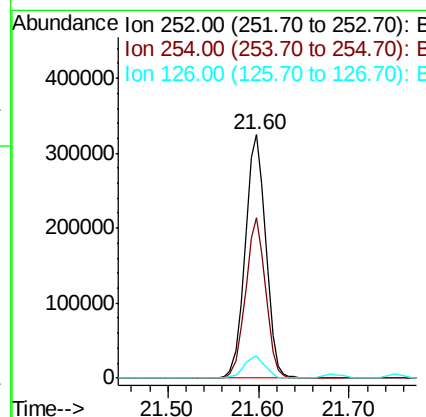
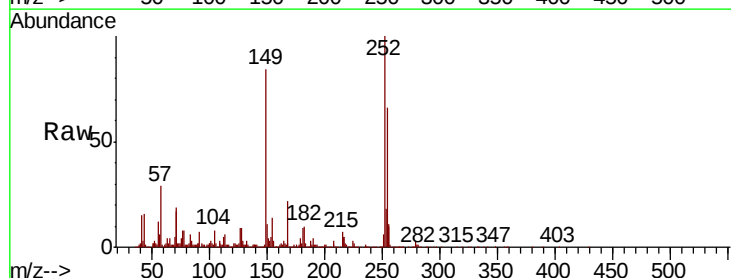
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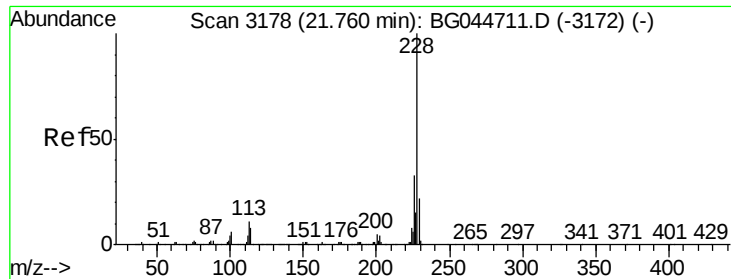
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#82
3,3'-Dichlorobenzidine
Concen: 36.724 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.0	79.4
126	9.3	8.2	12.4





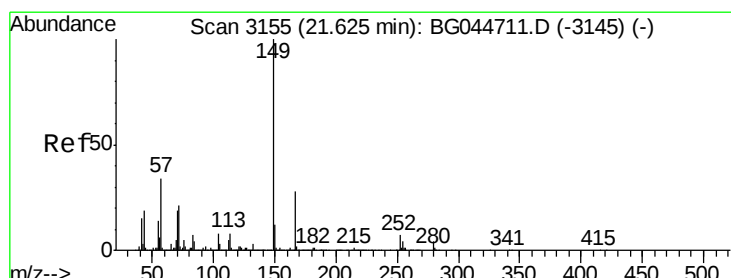
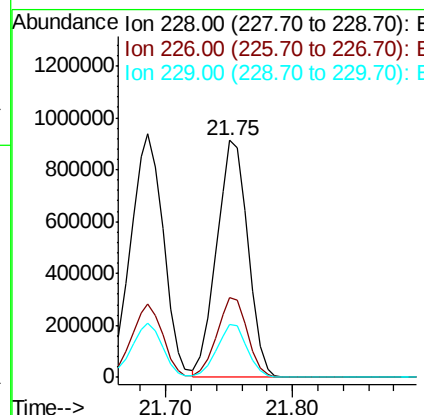
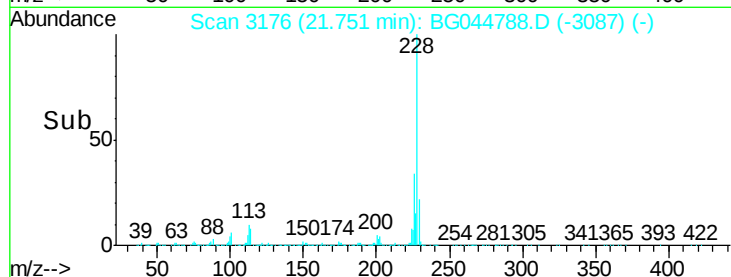
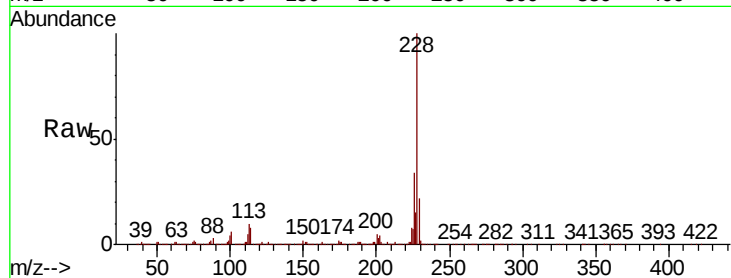
#83
Chrysene
Concen: 45.447 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion:228 Resp: 1566360
Ion Ratio Lower Upper
228 100
226 33.7 26.1 39.1
229 22.2 17.4 26.0

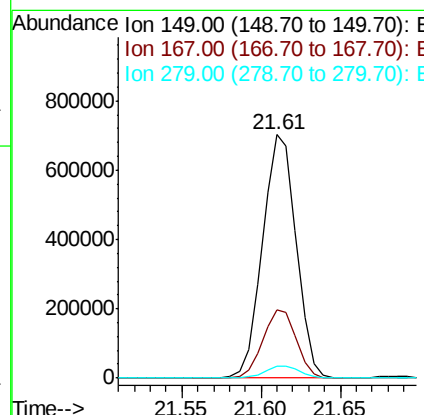
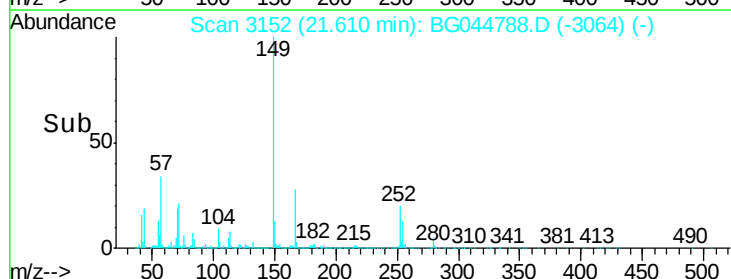
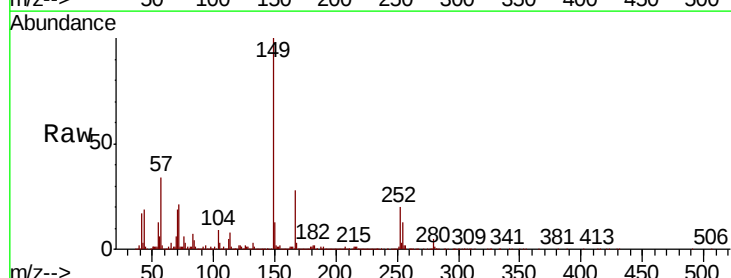
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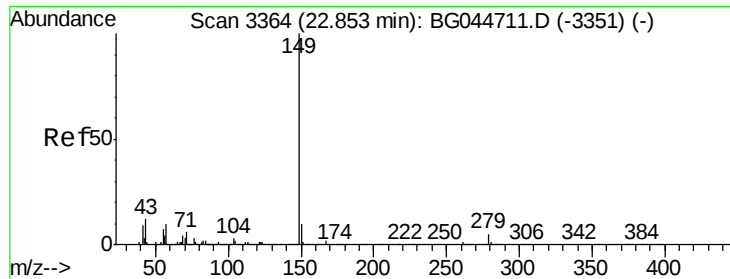
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.866 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:149 Resp: 1035288
Ion Ratio Lower Upper
149 100
167 28.1 22.6 33.8
279 5.0 3.5 5.3





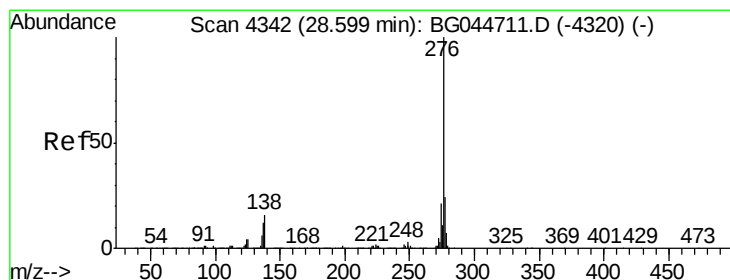
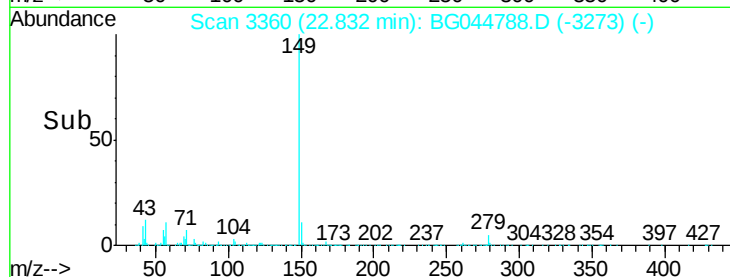
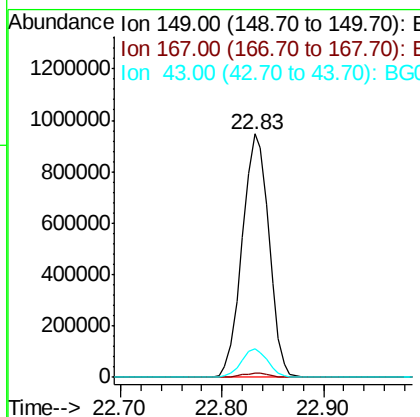
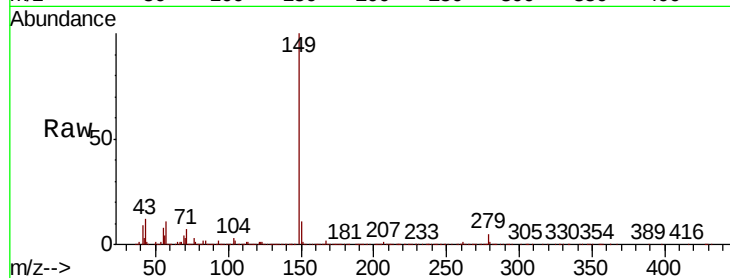
#85
Di-n-octyl phthalate
Concen: 45.802 ng
RT: 22.83 min Scan# 3360
Delta R.T. -0.02 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.5	9.0	13.6

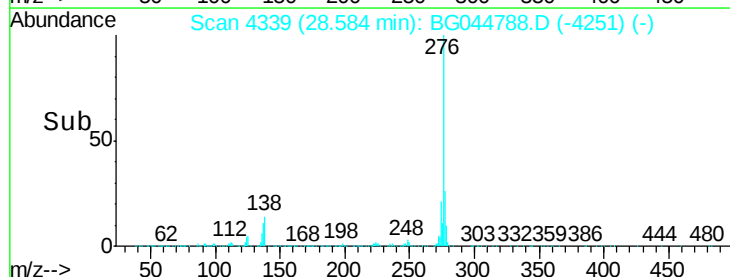
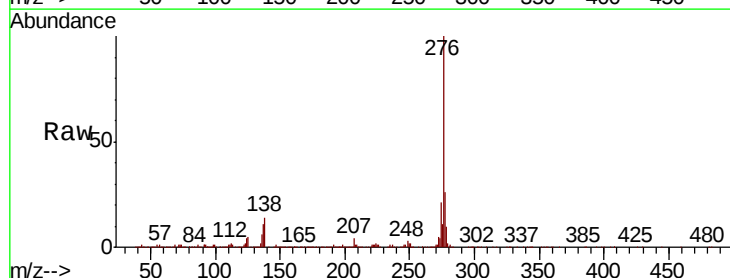
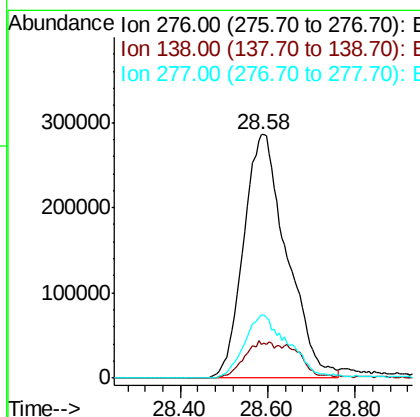
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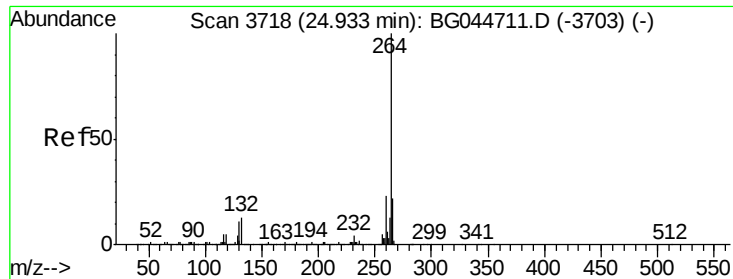
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.547 ng
RT: 28.58 min Scan# 4339
Delta R.T. -0.02 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.7	10.9	16.3#
277	26.7	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

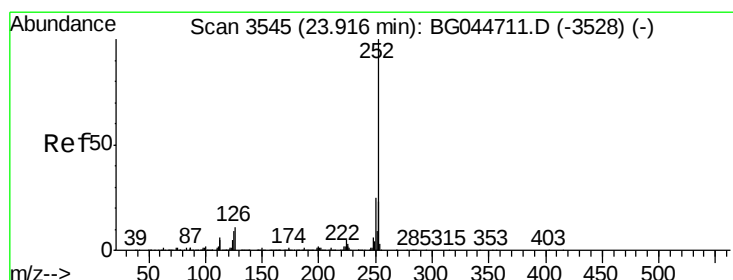
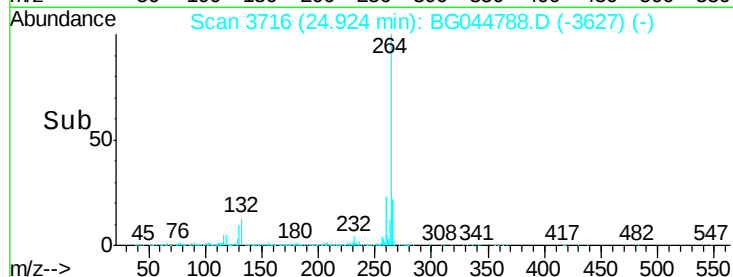
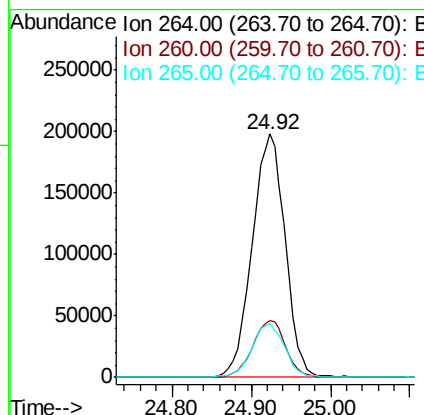
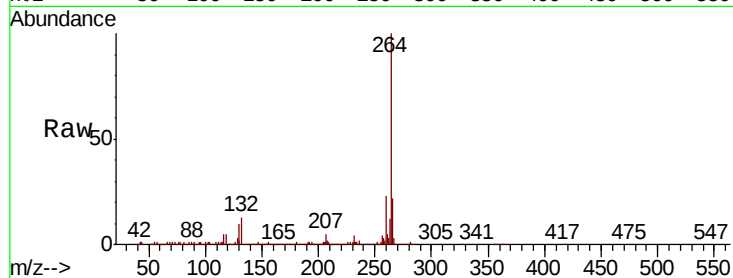
ClientSampleId :

SU-01-031220MSD

Tot Ion:	264	Resp:	571491
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.4	27.6
265	22.4	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 46.975 ng

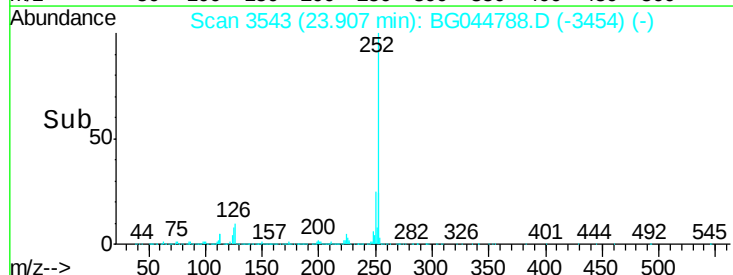
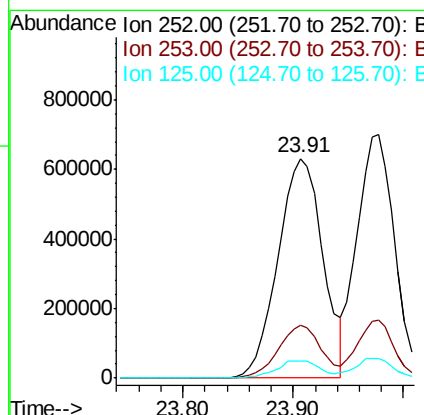
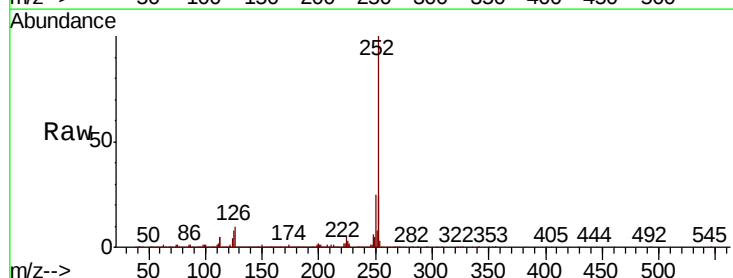
RT: 23.91 min Scan# 3543

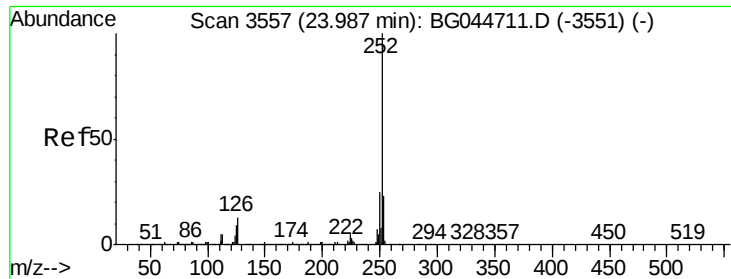
Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:	252	Resp:	1772286
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.7	28.1
125	7.9	7.2	10.8





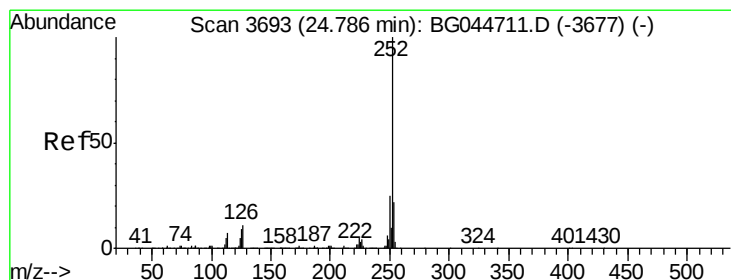
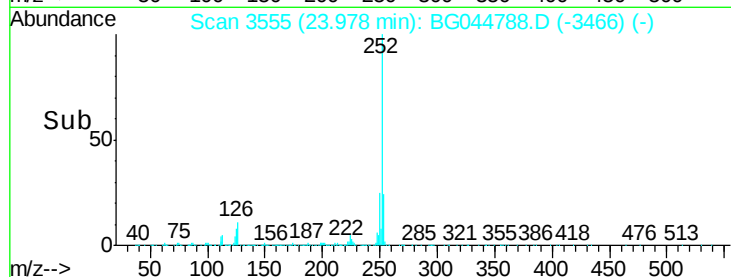
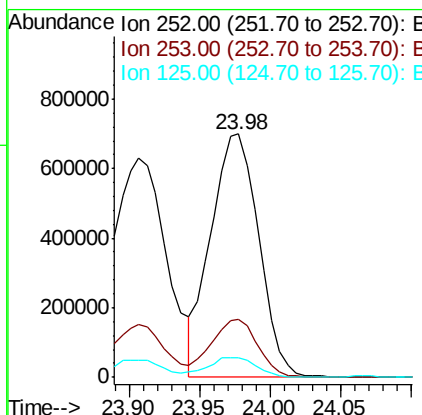
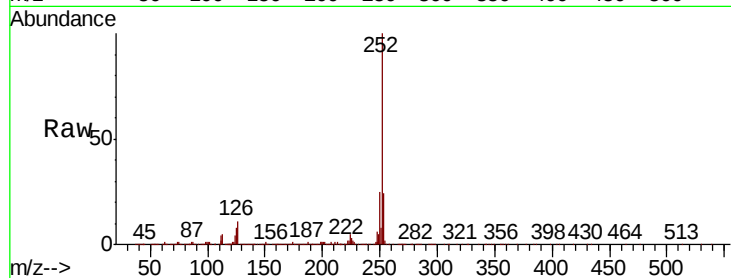
#89
Benzo(k)fluoranthene
Concen: 46.119 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	8.0	7.0	10.4

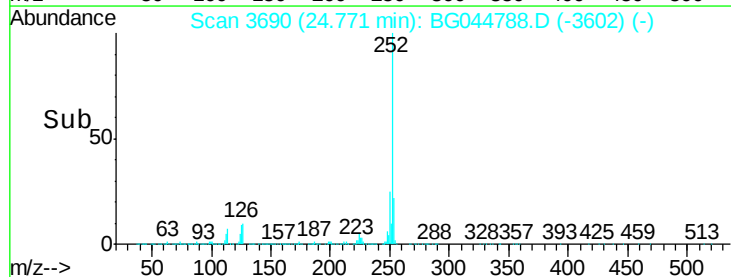
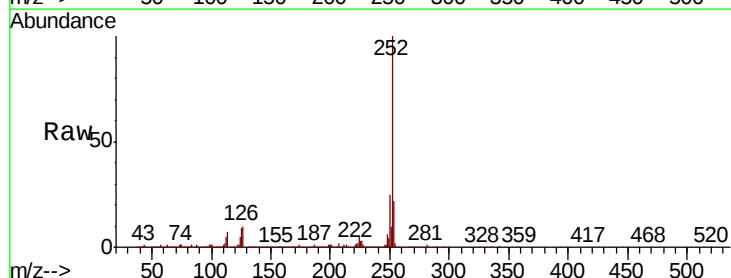
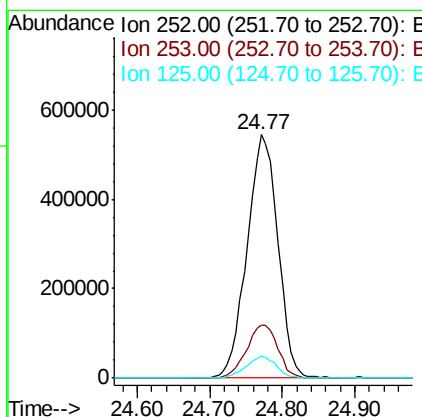
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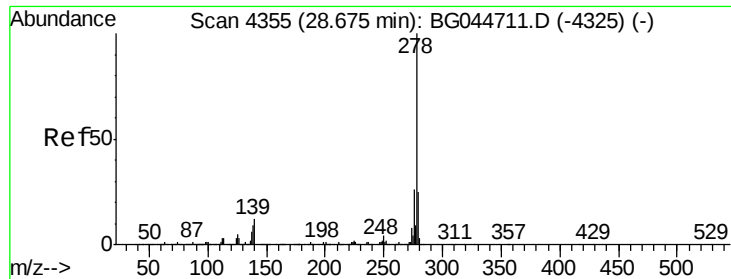
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#90
Benzo(a)pyrene
Concen: 45.387 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.9	7.0	10.6





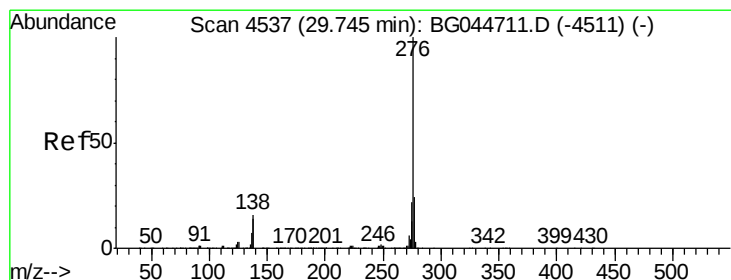
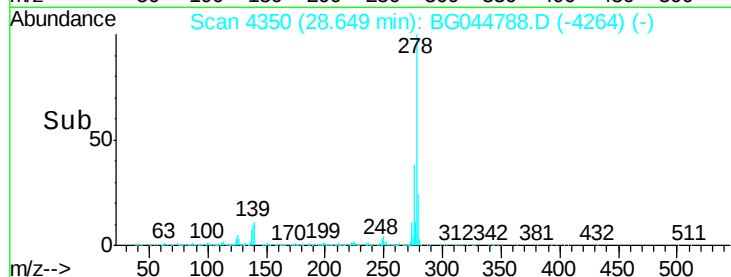
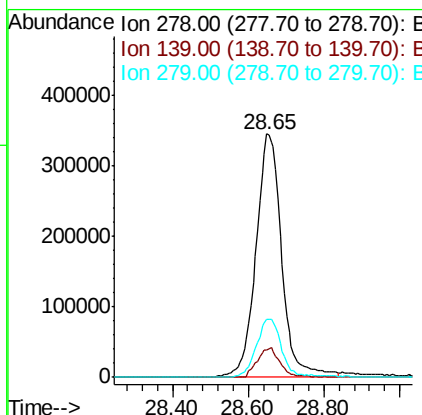
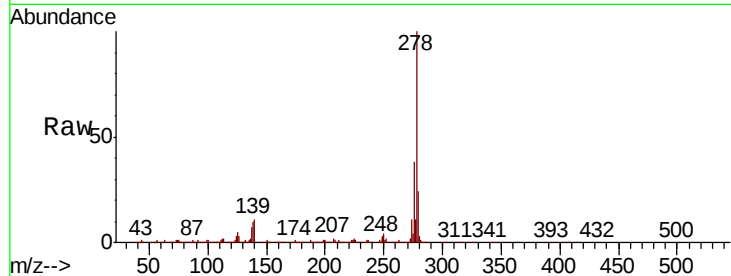
#91
Dibenzo(a,h)anthracene
Concen: 46.746 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.03 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.9	14.9
279	23.9	20.2	30.4

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#92
Benzo(g,h,i)perylene
Concen: 43.391 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.03 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	14.2	13.0	19.4

