

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
 Data File : BG045185.D
 Acq On : 28 Apr 2020 14:35
 Operator : CG/JU
 Sample : L2331-08MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Manual Integrations
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mohammad
 4/30/2020 12:04:34 AM

Quant Time: Apr 28 15:13:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61335	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	245521	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	189274	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	476096	20.00	ng	0.00
76) Chrysene-d12	21.65	240	452791	20.00	ng	0.00
87) Perylene-d12	24.82	264	484153	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	498073	134.07	ng	0.00
7) Phenol-d6	7.16	99	653416	118.38	ng	0.00
23) Nitrobenzene-d5	9.15	82	473670	88.03	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	403546	138.01	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1127061	87.31	ng	0.00
79) Terphenyl-d14	19.99	244	2130630	102.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	74195	44.938	ng	# 62
3) Pyridine	3.86	79	141653	27.865	ng	94
4) n-Nitrosodimethylamine	3.76	42	74220	47.659	ng	93
6) Aniline	7.31	93	105625	14.718	ng	99
8) 2-Chlorophenol	7.56	128	197629	49.497	ng	99
10) Phenol	7.18	94	232070	42.015	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	194085	44.133	ng	98
12) 1,3-Dichlorobenzene	7.88	146	217026	46.127	ng	99
13) 1,4-Dichlorobenzene	8.02	146	218820	46.675	ng	97
14) 1,2-Dichlorobenzene	8.35	146	204037	45.492	ng	96
15) Benzyl Alcohol	8.23	79	193906	41.900	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	174479	40.418	ng	94
17) 2-Methylphenol	8.44	107	172858	40.561	ng	95
18) Hexachloroethane	9.08	117	82275	46.682	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	168388	43.137	ng	98
20) 3+4-Methylphenols	8.76	107	242908	40.722	ng	97
22) Acetophenone	8.81	105	301005	45.335	ng	99
24) Nitrobenzene	9.19	77	248628	45.077	ng	# 98
25) Isophorone	9.71	82	475658	43.166	ng	99
26) 2-Nitrophenol	9.91	139	115264	48.516	ng	98
27) 2,4-Dimethylphenol	9.97	122	176767	46.891	ng	94
28) bis(2-Chloroethoxy)methane	10.20	93	261677	45.198	ng	99
29) 2,4-Dichlorophenol	10.45	162	211345	48.553	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	228417	46.348	ng	93
31) Naphthalene	10.85	128	614681	45.765	ng	99
32) Benzoic acid	10.11	122	122260	41.189	ng	99
33) 4-Chloroaniline	10.96	127	24267	3.874	ng	96
34) Hexachlorobutadiene	11.14	225	155361	45.979	ng	98
35) Caprolactam	11.72	113	65915m	38.048	ng	
36) 4-Chloro-3-methylphenol	12.08	107	246652	48.236	ng	99
37) 2-Methylnaphthalene	12.46	142	473145	45.385	ng	97
38) 1-Methylnaphthalene	12.68	142	452692	45.997	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	259419	42.569	ng	99
41) Hexachlorocyclopentadiene	12.82	237	373602	98.086	ng	96

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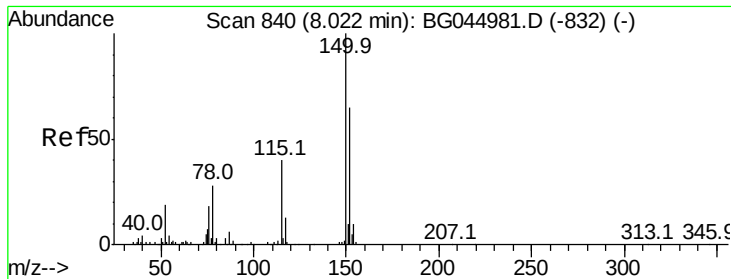
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.07	196	197633	45.950	nq	98
44) 2,4,5-Trichlorophenol	13.15	196	207535	42.391	nq	98
46) 1,1'-Biphenyl	13.47	154	619418	43.057	nq	98
47) 2-Chloronaphthalene	13.51	162	479717	43.640	nq	98
48) 2-Nitroaniline	13.70	65	155106	42.886	nq	93
49) Acenaphthylene	14.36	152	809530	45.212	nq	99
50) Dimethylphthalate	14.08	163	702862	45.606	nq	99
51) 2,6-Dinitrotoluene	14.20	165	160621	46.596	nq	97
52) Acenaphthene	14.70	154	632362m	52.198	nq	
53) 3-Nitroaniline	14.53	138	40890	10.816	nq	# 99
54) 2,4-Dinitrophenol	14.74	184	215325	105.049	nq	95
55) Dibenzofuran	15.03	168	797733	45.166	nq	98
56) 4-Nitrophenol	14.85	139	228404	77.916	nq	95
57) 2,4-Dinitrotoluene	14.99	165	229010	45.460	nq	98
58) Fluorene	15.68	166	670739	46.493	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	214838	49.319	nq	98
60) Diethylphthalate	15.45	149	728916	45.364	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	369861	44.541	nq	98
62) 4-Nitroaniline	15.69	138	132023	33.668	nq	97
63) Azobenzene	15.96	77	682198	46.050	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	157087	50.197	nq	99
66) n-Nitrosodiphenylamine	15.89	169	565972	41.375	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	264544	43.071	nq	99
68) Hexachlorobenzene	16.69	284	286491	44.975	nq	99
69) Atrazine	16.83	200	148493	27.952	nq	98
70) Pentachlorophenol	17.03	266	361018	92.385	nq	99
71) Phenanthrene	17.42	178	1135784	46.424	nq	99
72) Anthracene	17.52	178	1163546	47.412	nq	100
73) Carbazole	17.78	167	1021134	41.002	nq	97
74) Di-n-butylphthalate	18.34	149	1317409	49.156	nq	99
75) Fluoranthene	19.43	202	1451006	51.326	nq	99
78) Pyrene	19.79	202	1434529	45.956	nq	99
80) Butylbenzylphthalate	20.68	149	588494	45.481	nq	99
81) Benzo(a)anthracene	21.63	228	1351242	46.043	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	87617	7.501	nq	92
83) Chrysene	21.69	228	1313175	46.571	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	834400	46.887	nq	99
85) Di-n-octyl phthalate	22.74	149	1405977	45.688	nq	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1675142	44.745	nq	# 98
88) Benzo(b)fluoranthene	23.82	252	1472898	48.567	nq	98
89) Benzo(k)fluoranthene	23.89	252	1406888	48.781	nq	97
90) Benzo(a)pyrene	24.68	252	1312082	45.823	nq	98
91) Dibenzo(a,h)anthracene	28.50	278	1379079	47.798	nq	96
92) Benzo(g,h,i)perylene	29.56	276	1299607	44.928	nq	98

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



#1

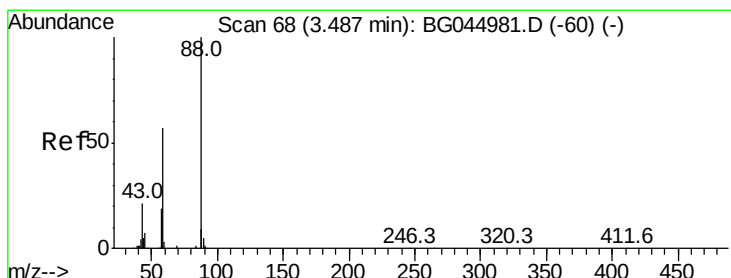
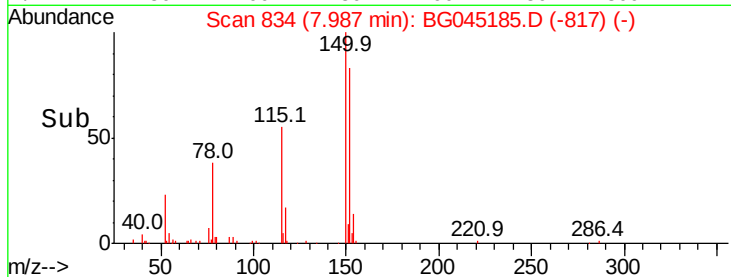
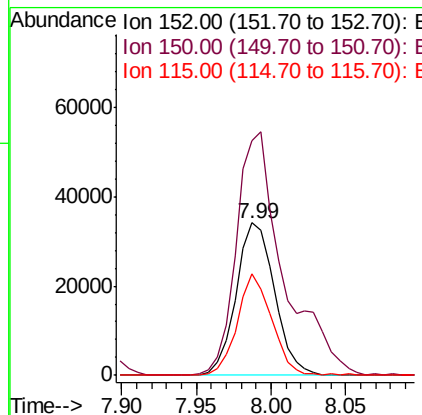
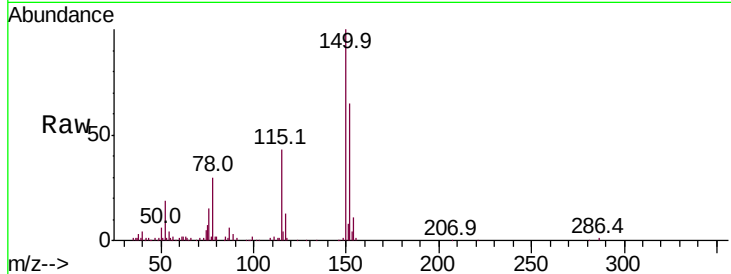
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.6	185.4
115	66.6	49.1	73.7

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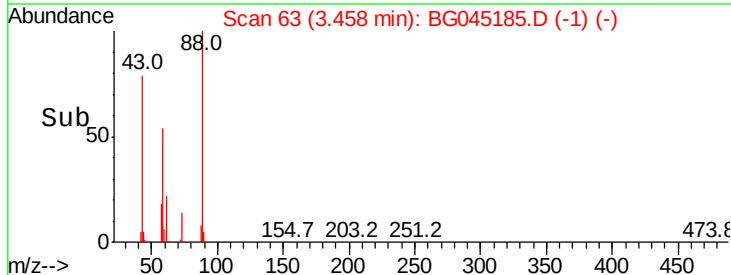
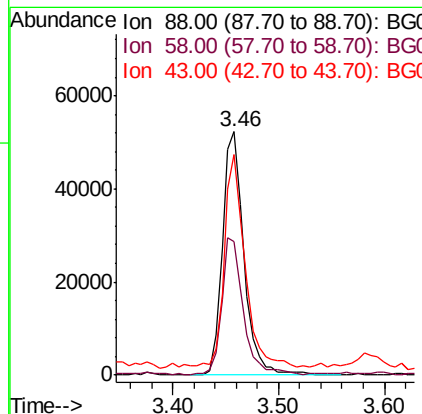
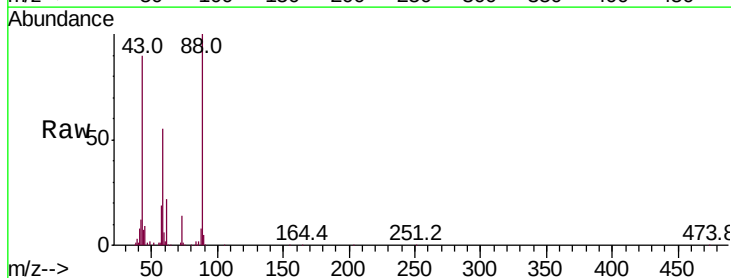
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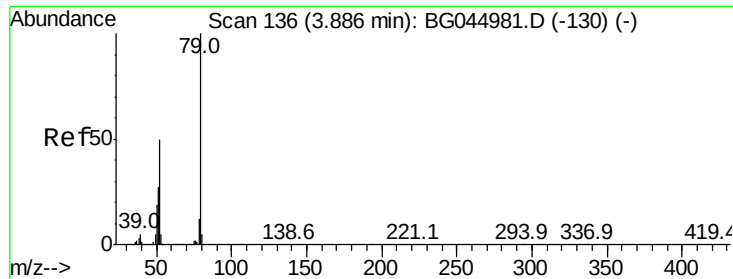


#2

1,4-Dioxane
Concen: 44.938 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.2	46.6	69.8
43	82.2	17.5	26.3





#3

Pvridine

Concen: 27.865 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

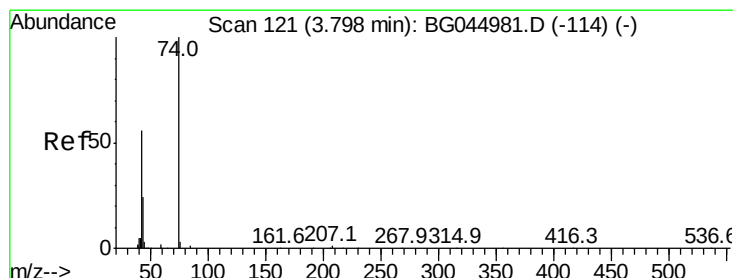
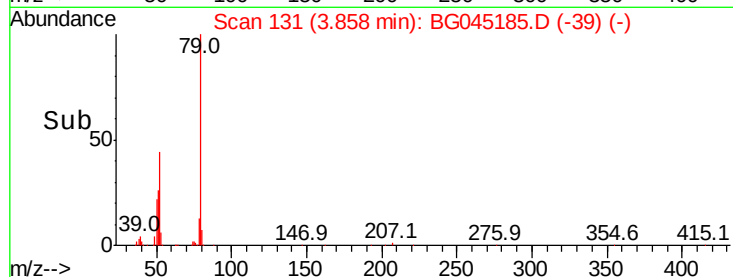
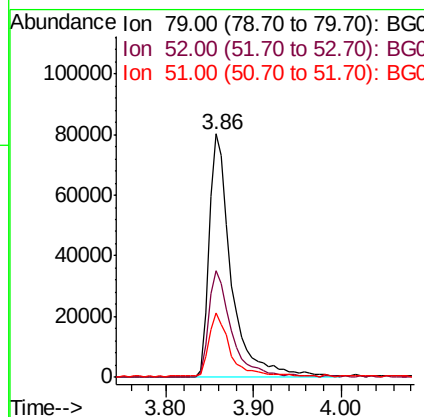
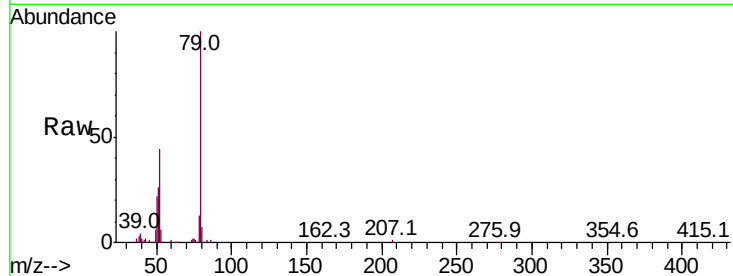
ClientSampleId :

TP-19AMS

Tot Ion:	79	Resp:	141653
Ion Ratio	Lower	Upper	
79	100		
52	43.9	39.8	59.6
51	26.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 47.659 ng

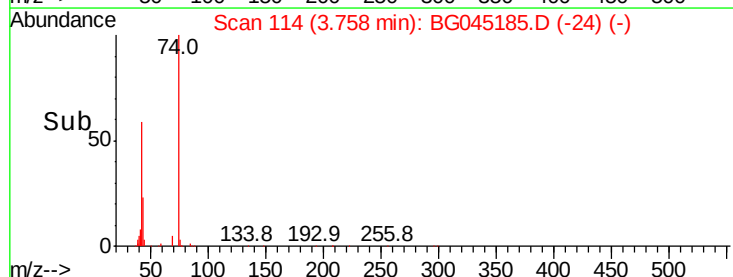
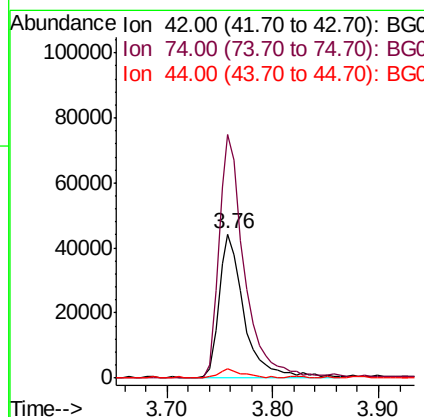
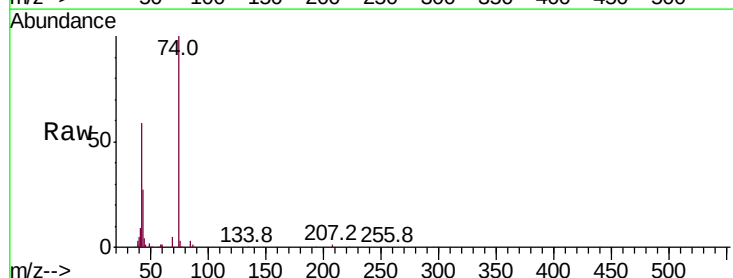
RT: 3.76 min Scan# 114

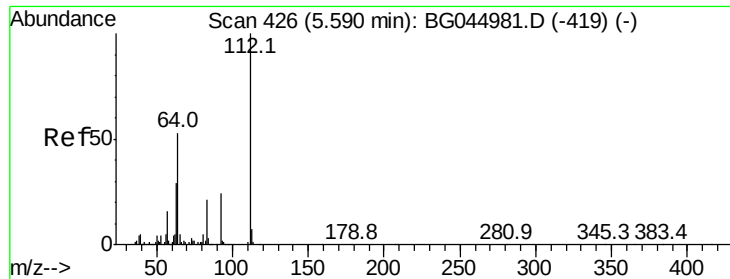
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	42	Resp:	74220
Ion Ratio	Lower	Upper	
42	100		
74	168.7	143.0	214.6
44	6.1	4.6	6.8





#5

2-Fluorophenol

Concen: 134.066 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

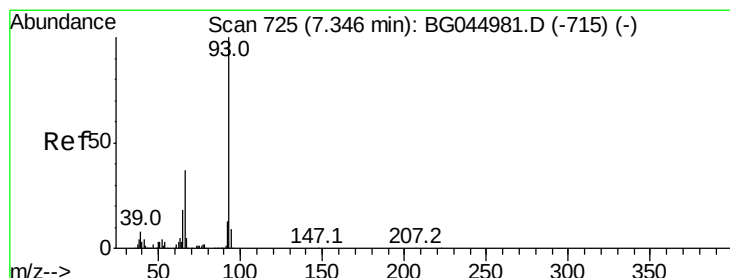
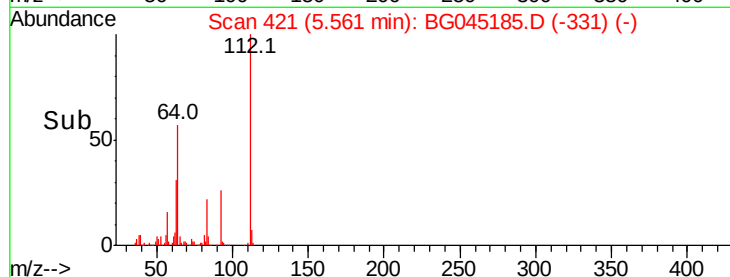
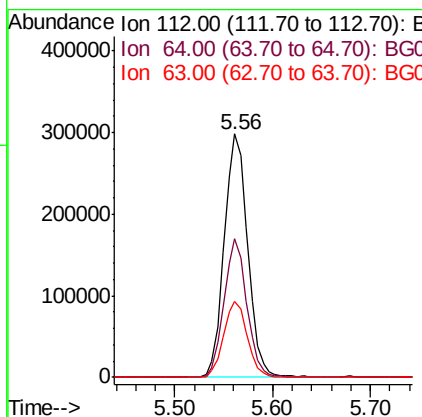
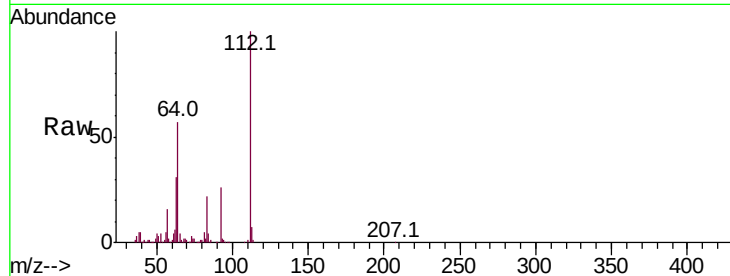
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	498073		
64	56.9	42.4	63.6	
63	31.4	23.1	34.7	

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#6

Aniline

Concen: 14.718 ng

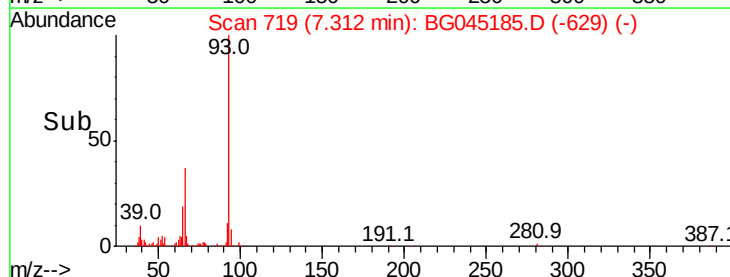
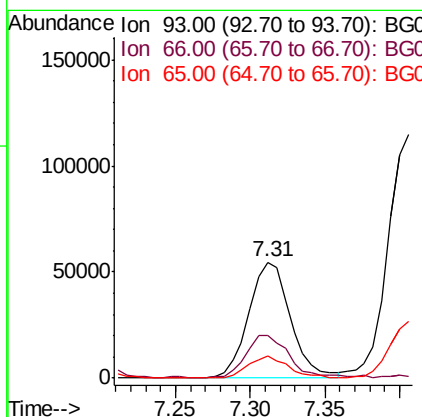
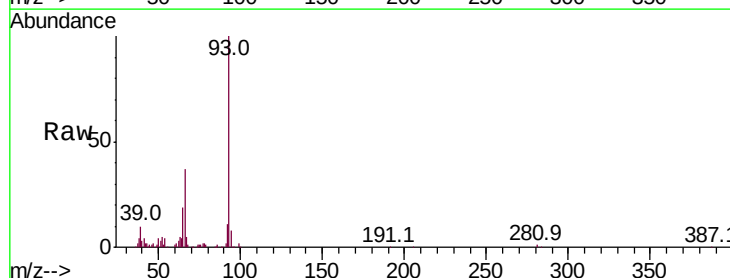
RT: 7.31 min Scan# 719

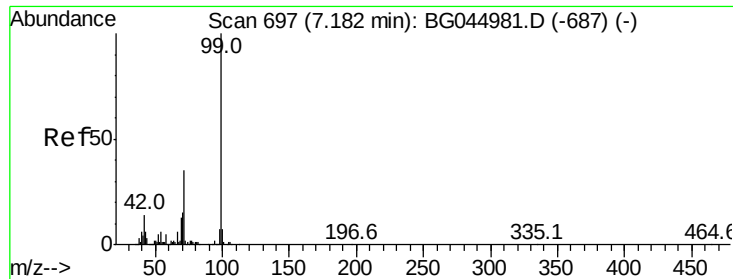
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	105625		
66	36.7	29.8	44.8	
65	18.8	14.6	22.0	





#7

Phenol-d6

Concen: 118.377 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

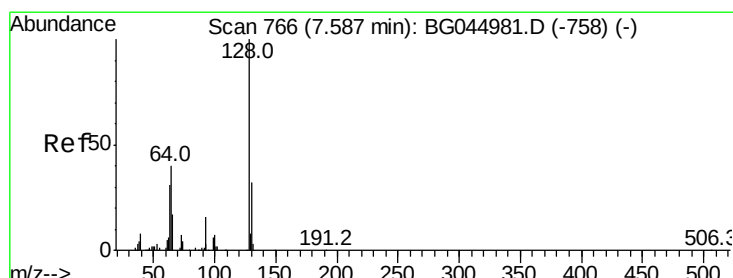
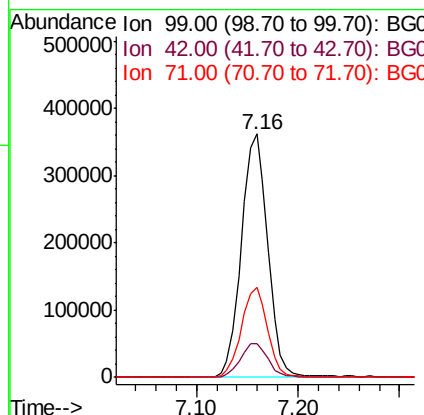
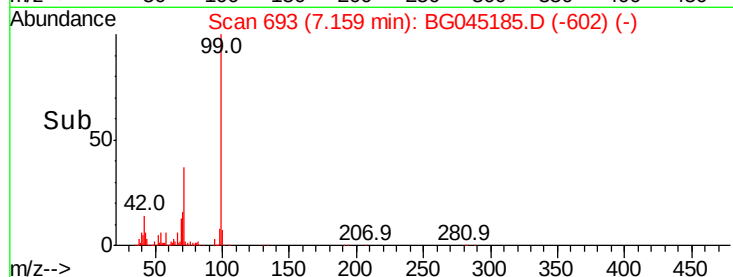
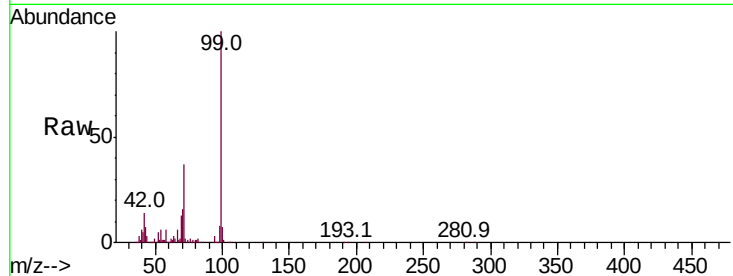
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Tot Ion:	99	Resp:	653416
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.3	16.9
71	36.8	28.3	42.5

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#8

2-Chlorophenol

Concen: 49.497 ng

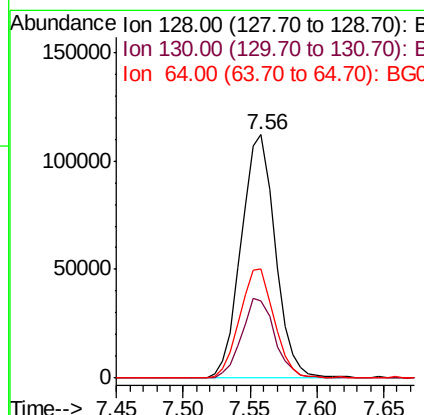
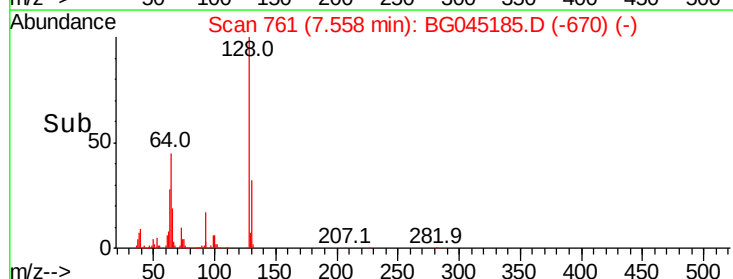
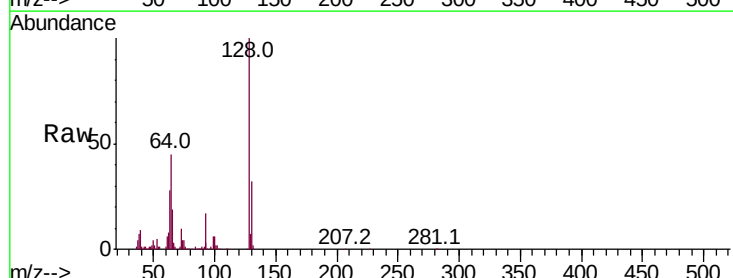
RT: 7.56 min Scan# 761

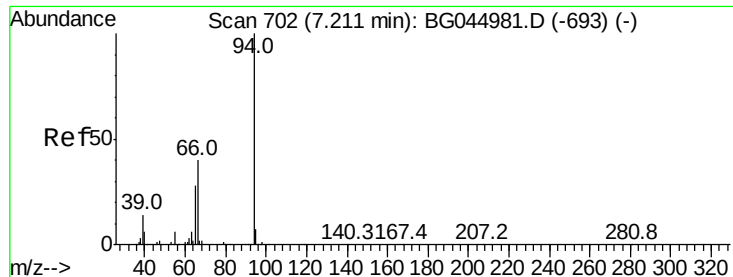
Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	128	Resp:	197629
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.3	52.3
64	45.1	24.4	64.4





#10

Phenol

Concen: 42.015 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

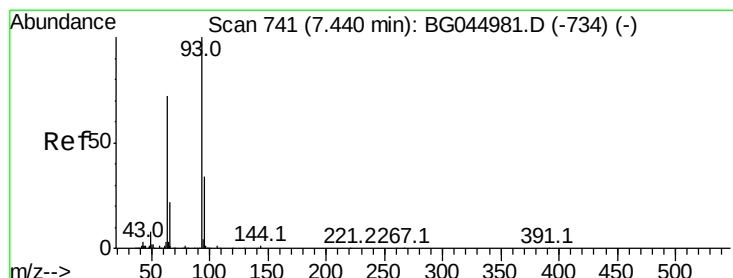
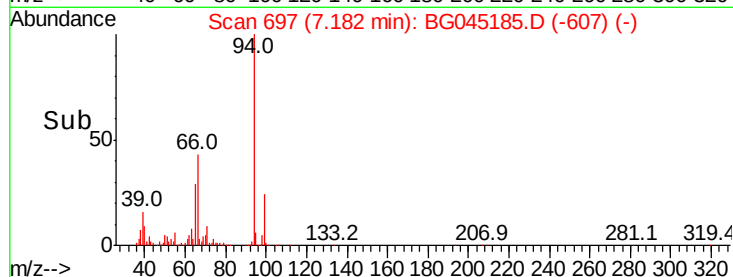
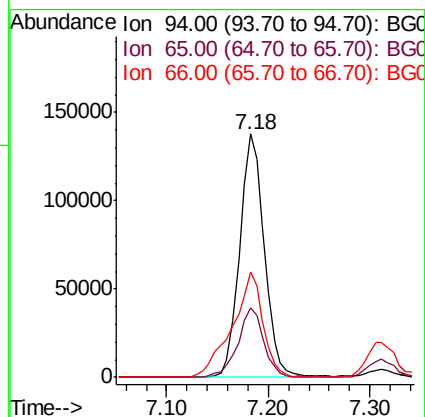
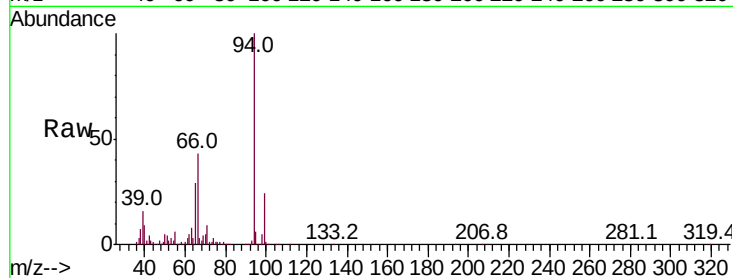
ClientSampleId :

TP-19AMS

Tot Ion:	94	Resp:	232070
Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.2	48.2
66	43.2	20.4	60.4

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#11

bis(2-Chloroethyl)ether

Concen: 44.133 ng

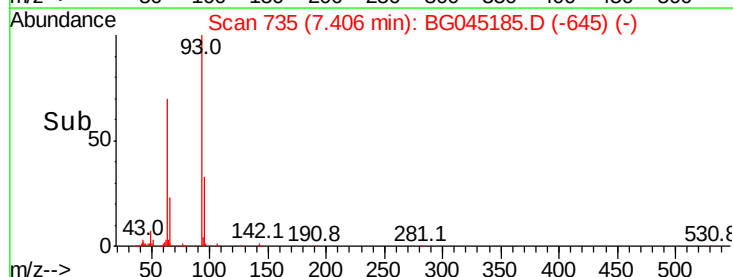
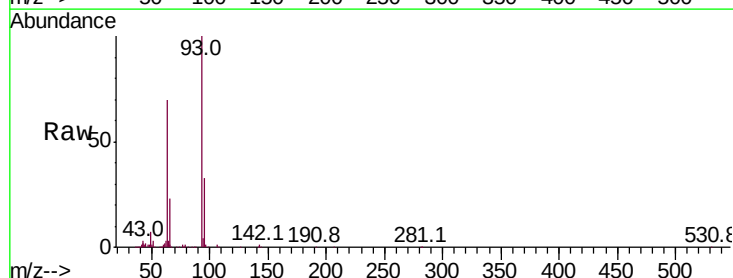
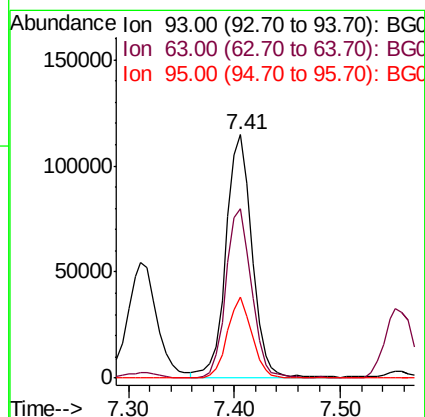
RT: 7.41 min Scan# 735

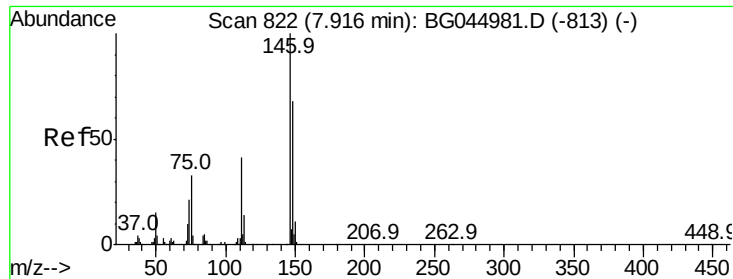
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	93	Resp:	194085
Ion	Ratio	Lower	Upper
93	100		
63	69.6	51.8	91.8
95	33.2	13.8	53.8





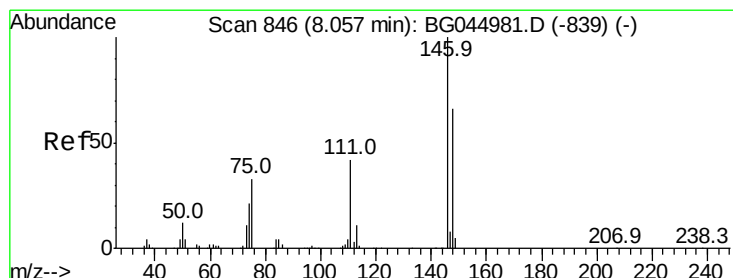
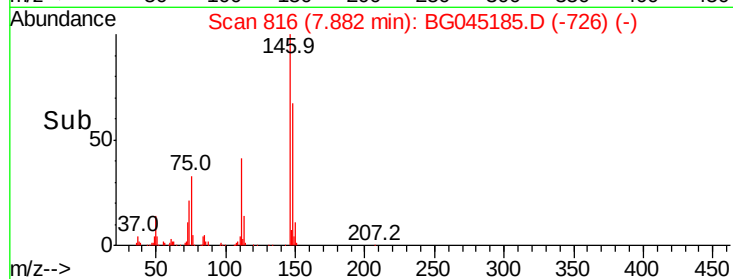
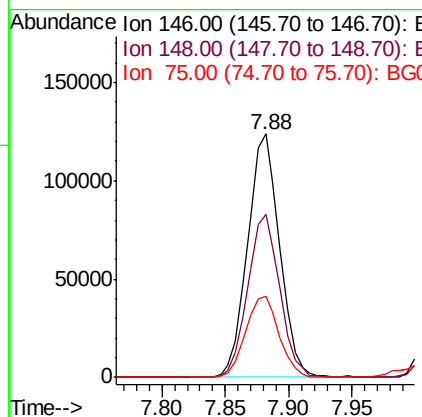
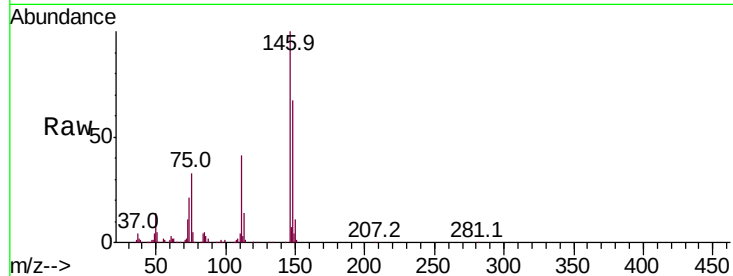
#12
1,3-Dichlorobenzene
Concen: 46.127 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	67.2	54.6	81.8
75	33.5	26.0	39.0

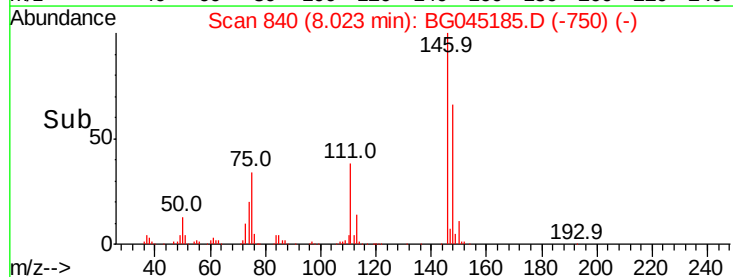
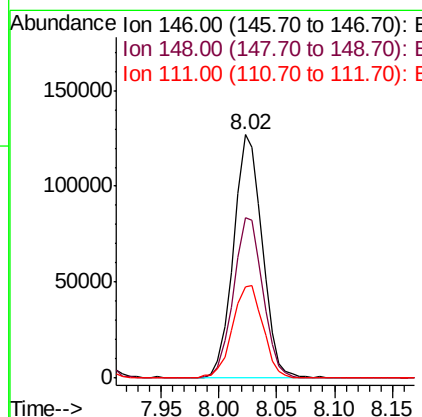
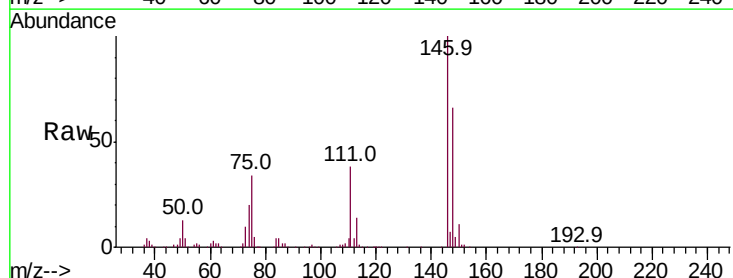
Manual Integrations
APPROVED

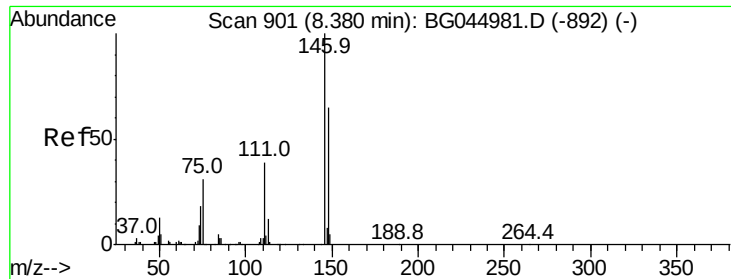
mohammad
4/30/2020 12:04:34 AM



#13
1,4-Dichlorobenzene
Concen: 46.675 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.9	53.3	79.9
111	37.7	33.8	50.8





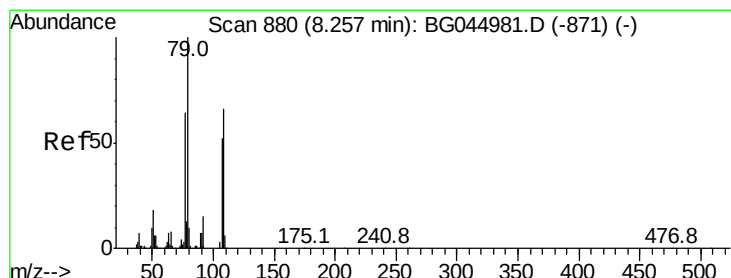
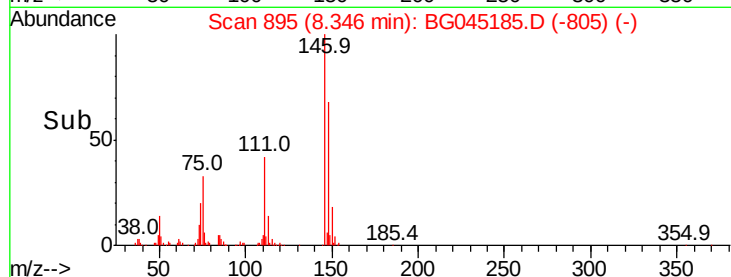
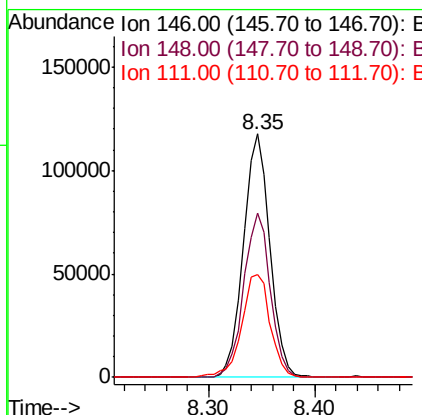
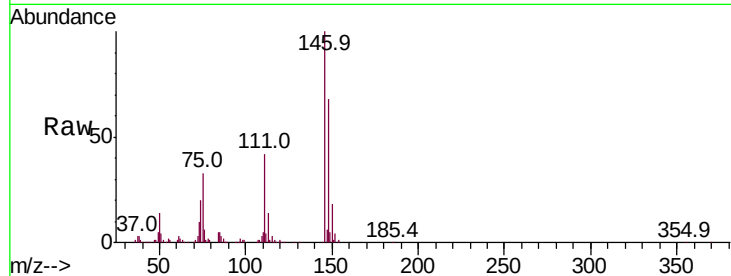
#14
1,2-Dichlorobenzene
Concen: 45.492 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	204037		
148	67.6	51.9	77.9	
111	42.5	31.3	46.9	

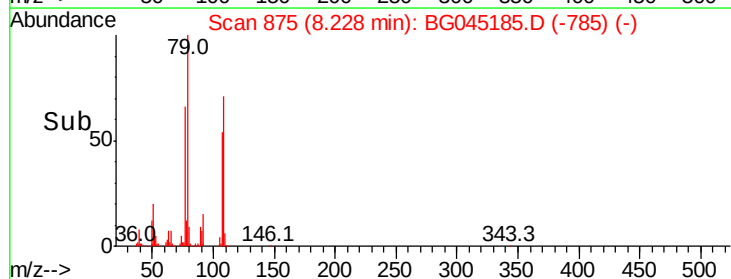
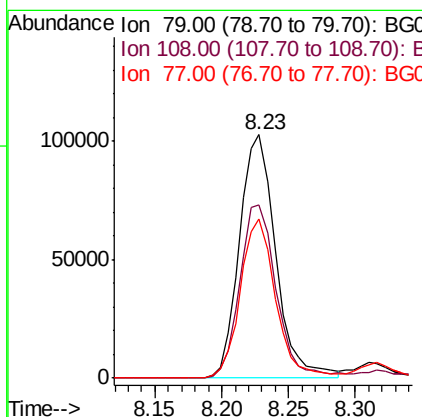
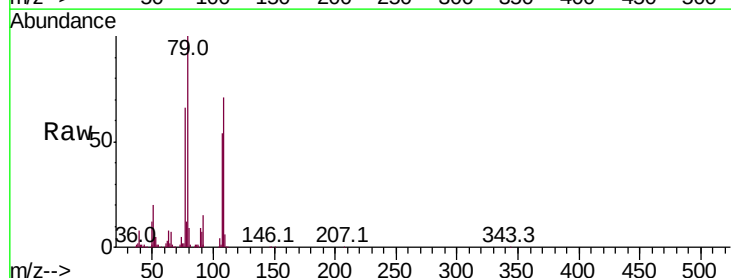
Manual Integrations
APPROVED

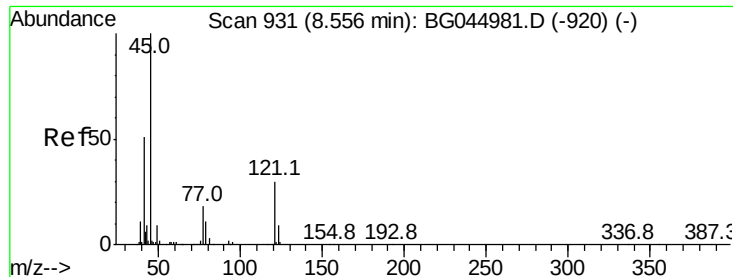
mohammad
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#15
Benzyl Alcohol
Concen: 41.900 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	193906		
108	71.1	52.7	79.1	
77	65.6	51.3	76.9	





#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.418 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.01 min

Lab File: BG045185.D

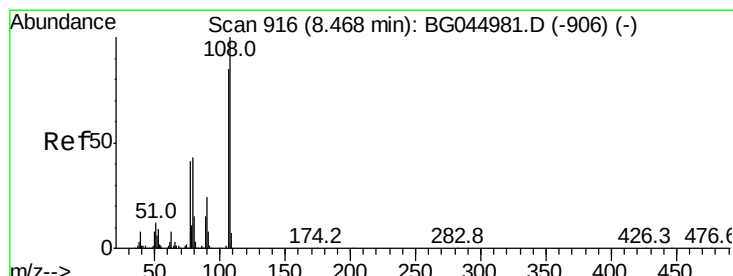
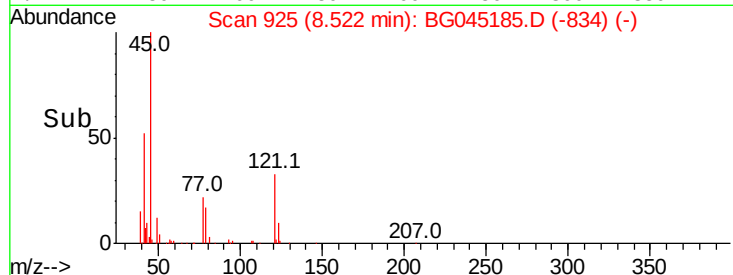
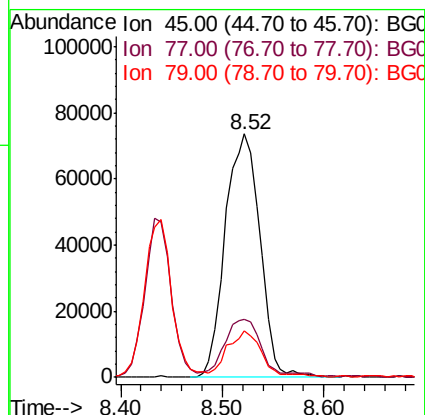
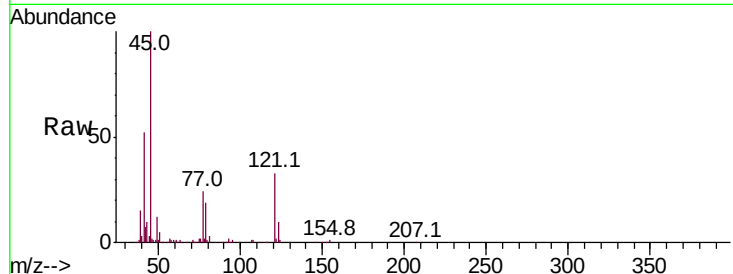
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	174479		
77	23.7	1.9	41.9	
79	18.8	0.0	35.5	

Manual Integrations
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#17

2-Methylphenol

Concen: 40.561 ng

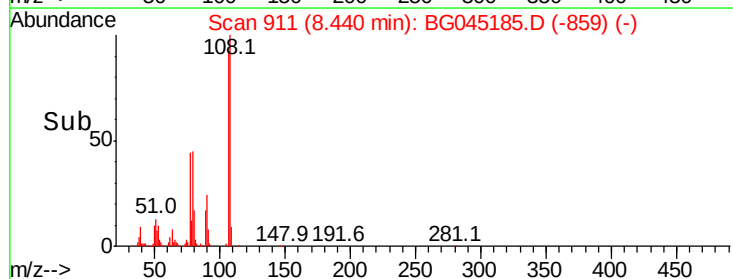
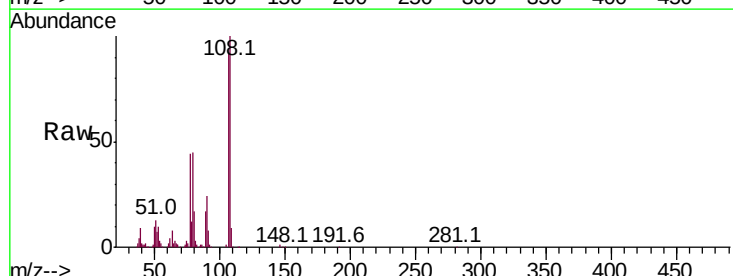
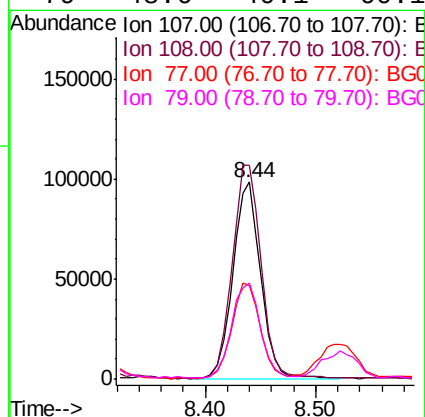
RT: 8.44 min Scan# 911

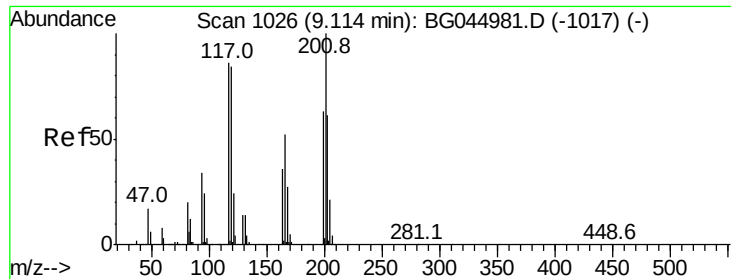
Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	172858		
108	108.7	93.8	140.6	
77	47.8	38.5	57.7	
79	48.6	40.1	60.1	





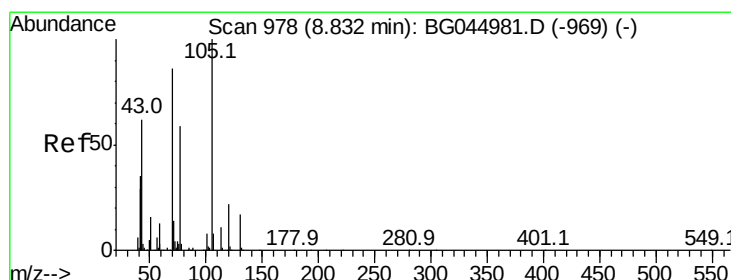
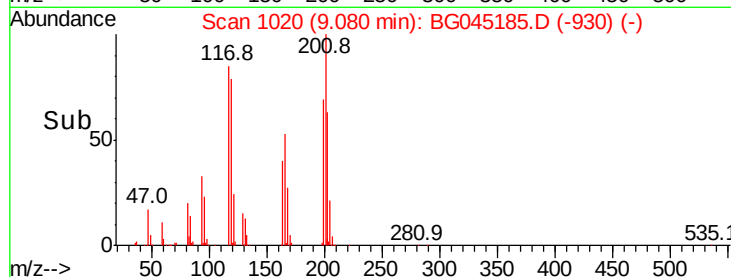
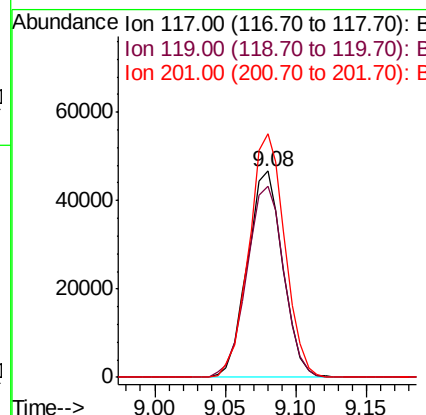
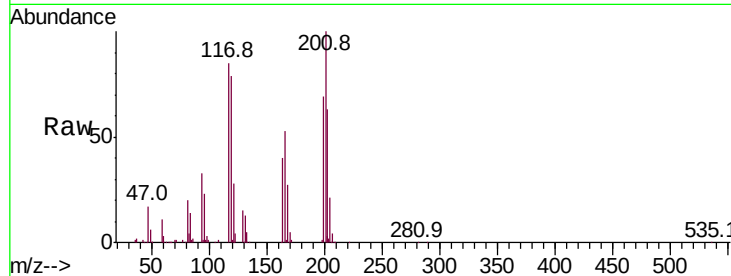
#18
Hexachloroethane
Concen: 46.682 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.8	78.3	117.5
201	118.0	92.9	139.3

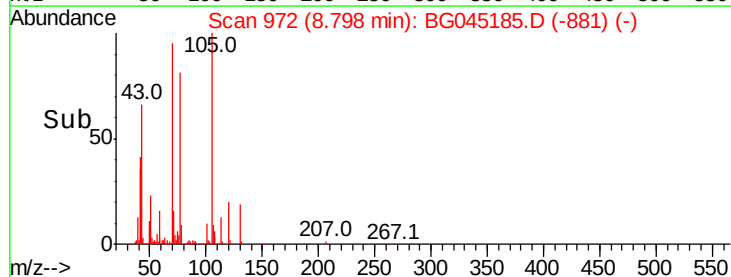
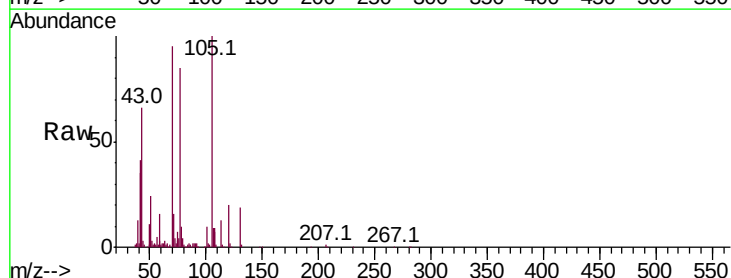
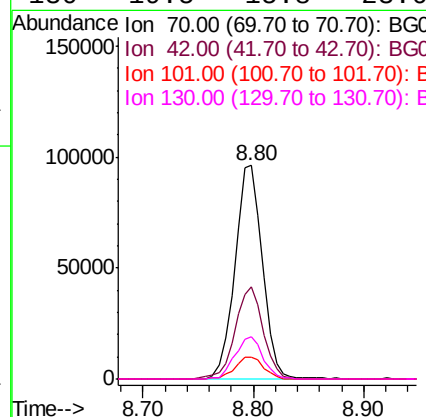
Manual Integrations
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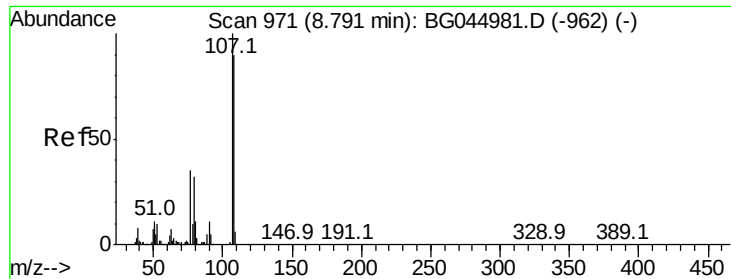
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 43.137 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.0	33.3	49.9
101	10.1	7.8	11.8
130	19.5	15.8	23.6





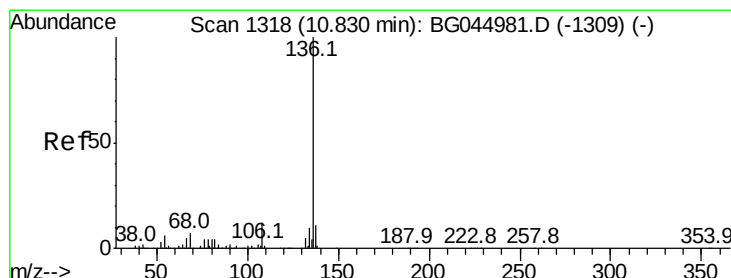
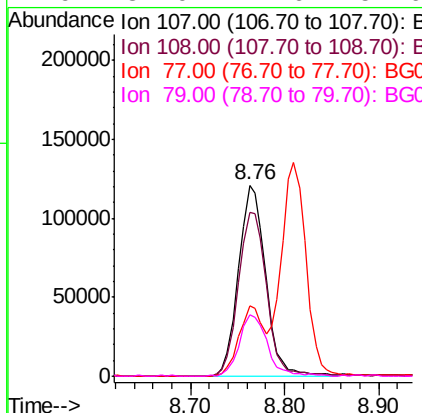
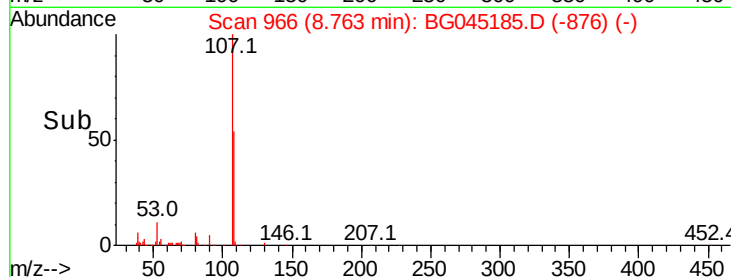
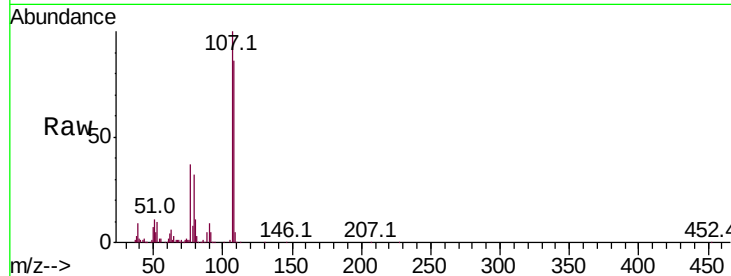
#20
3+4-Methylphenols
Concen: 40.722 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	85.6	69.9	109.9	
77	36.6	15.2	55.2	
79	32.0	11.6	51.6	

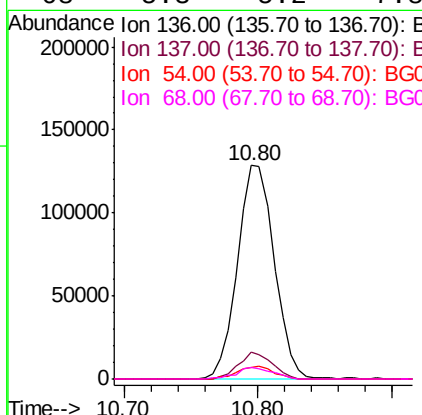
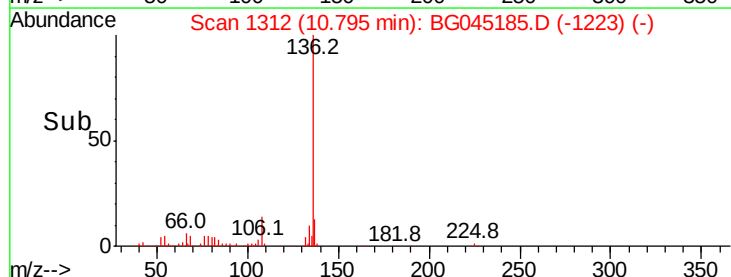
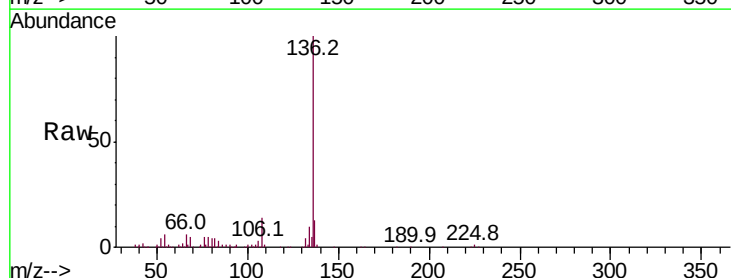
Manual Integrations
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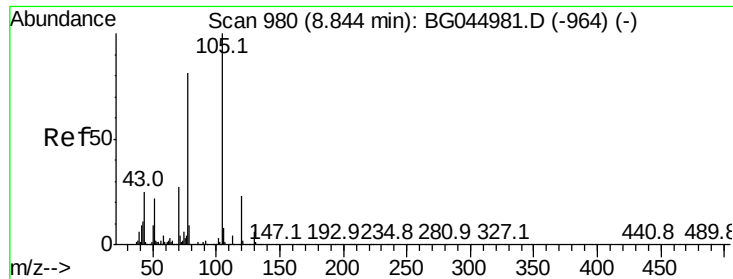
mohammad
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.5	8.6	13.0	
54	5.6	4.8	7.2	
68	5.3	5.2	7.8	





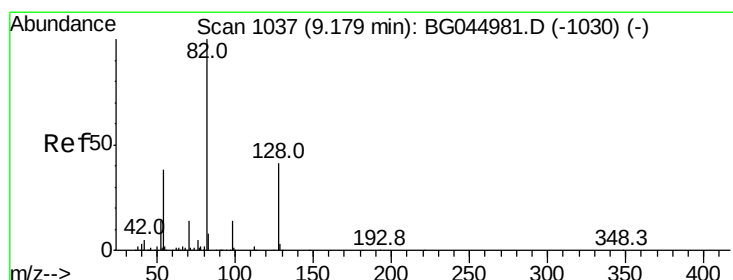
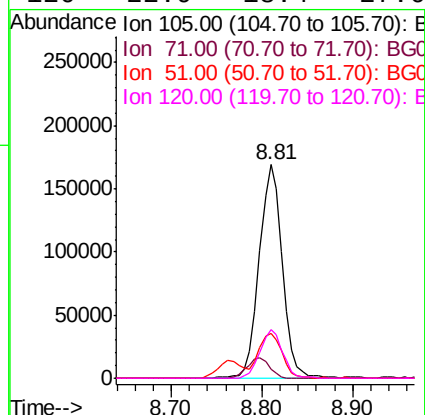
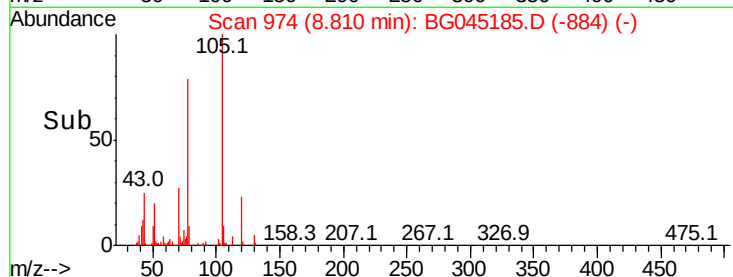
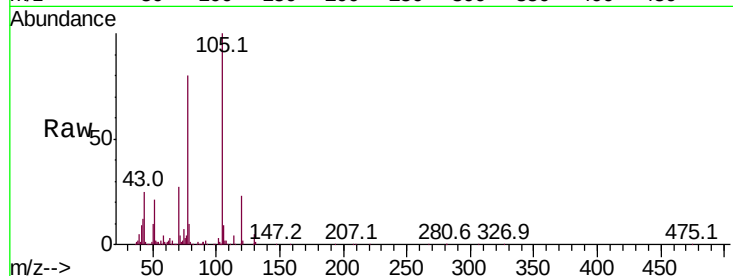
#22
Acetophenone
Concen: 45.335 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	301005		
71	71	4.4		3.3	4.9
51	51	20.9		17.3	25.9
120	120	22.9		18.4	27.6

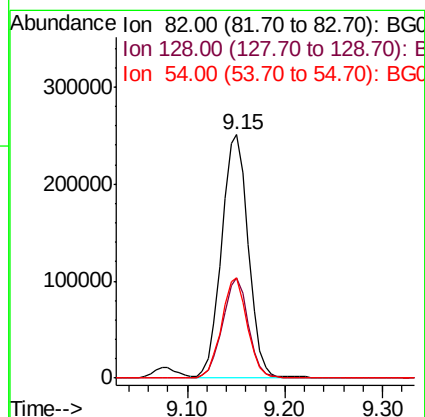
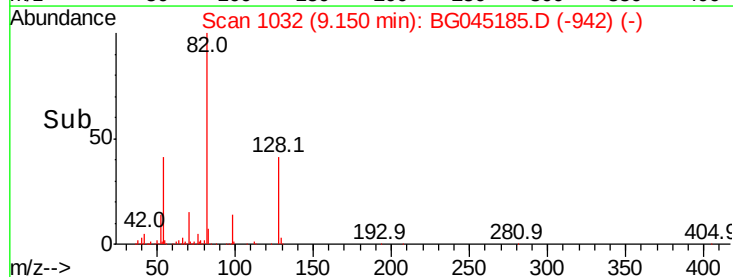
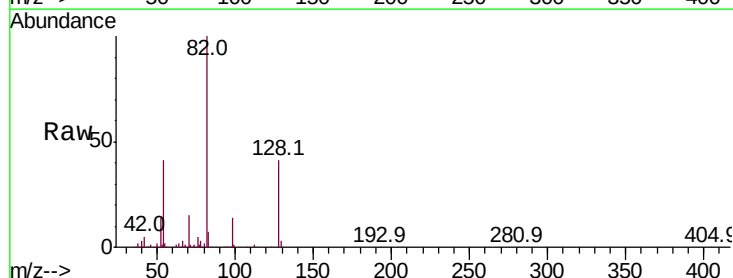
Manual Integrations
APPROVED

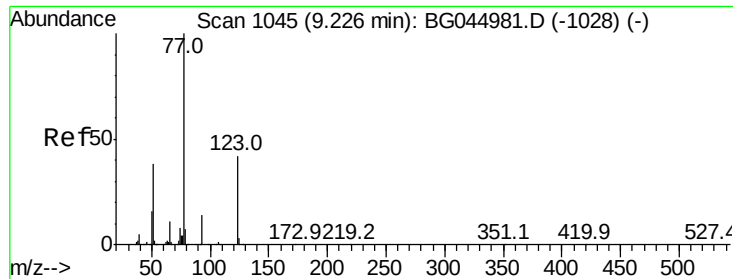
mohammad
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#23
Nitrobenzene-d5
Concen: 88.029 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	473670		
128	128	41.3		33.0	49.4
54	54	41.0		30.4	45.6





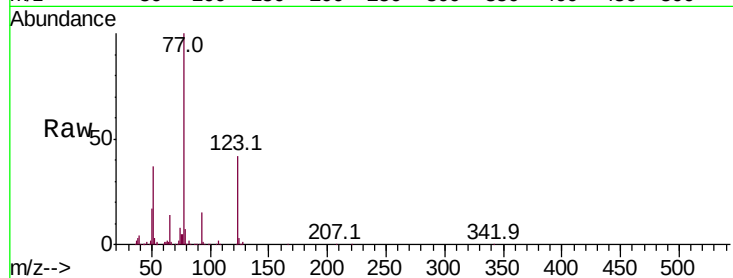
#24
Nitrobenzene
Concen: 45.077 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

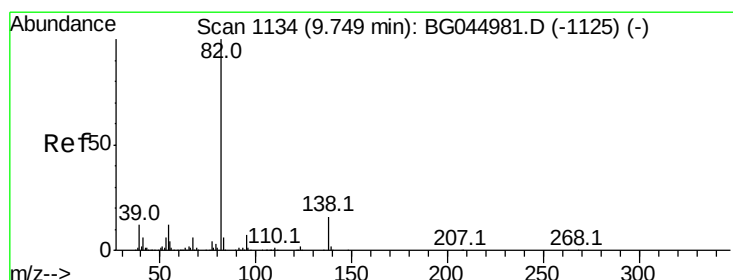
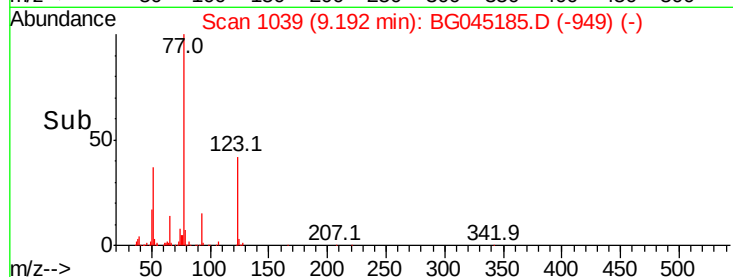
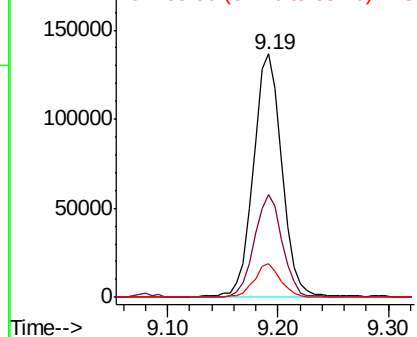
Tot Ion	Ratio	Lower	Upper
77	100		
123	42.1	34.3	51.5
65	13.8	8.9	13.3

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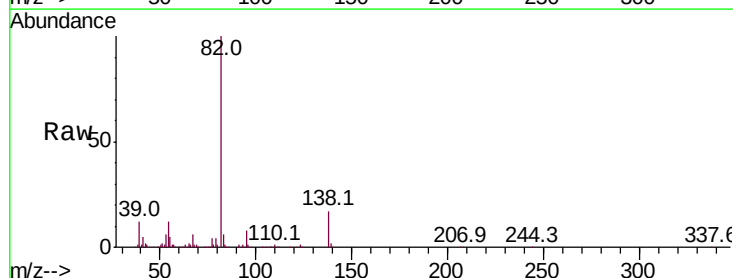


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

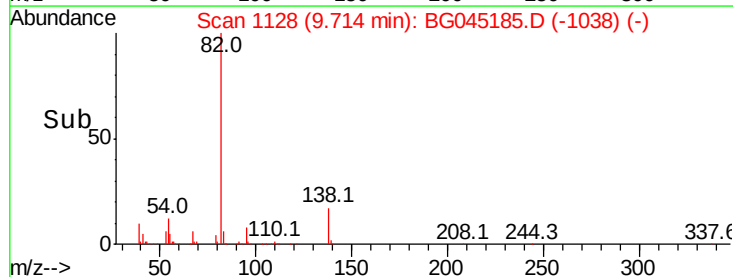
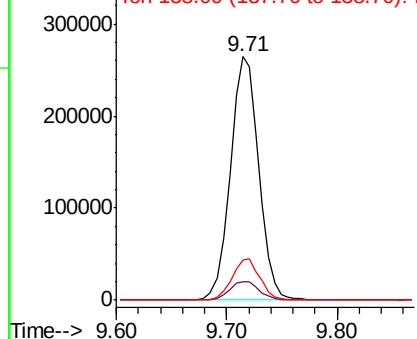


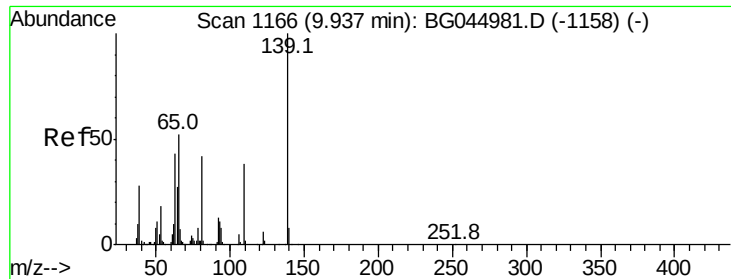
#25
Isophorone
Concen: 43.166 ng
RT: 9.71 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.0	9.0
138	16.5	12.7	19.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC





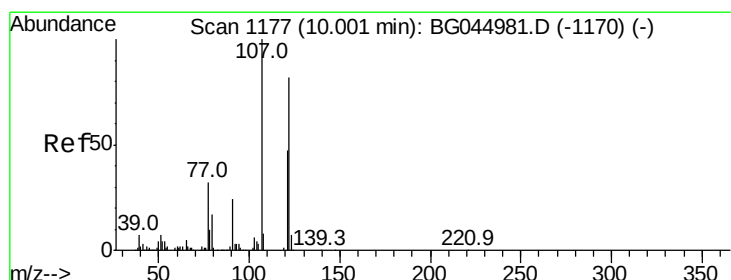
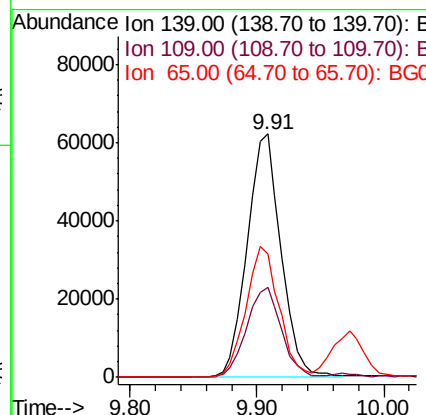
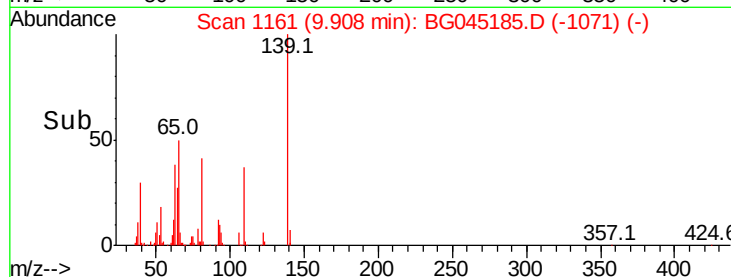
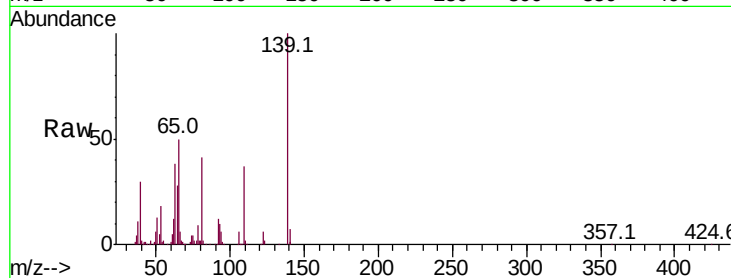
#26
2-Nitrophenol
Concen: 48.516 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.7	30.6	45.8	
65	50.5	41.8	62.6	

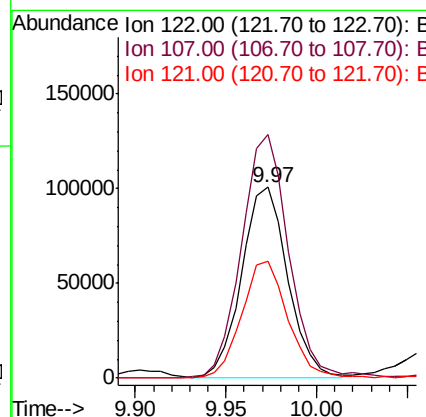
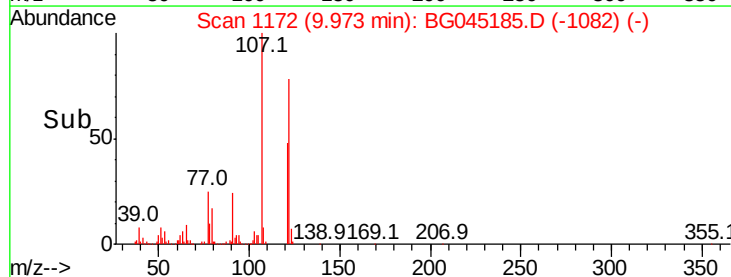
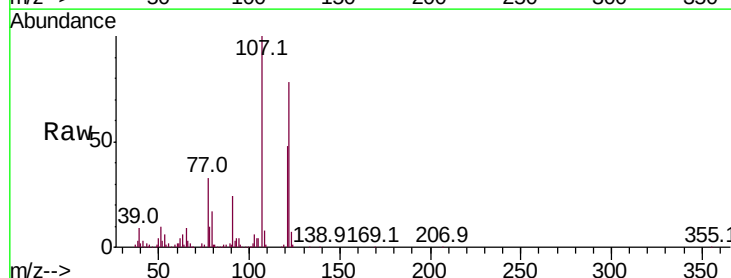
Manual Integrations
APPROVED

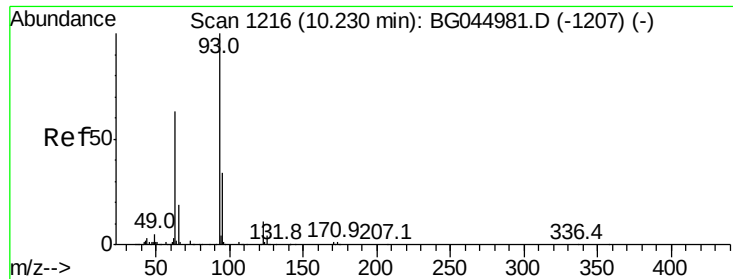
mohammad
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#27
2,4-Dimethylphenol
Concen: 46.891 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	127.6	96.8	145.2	
121	61.0	45.6	68.4	





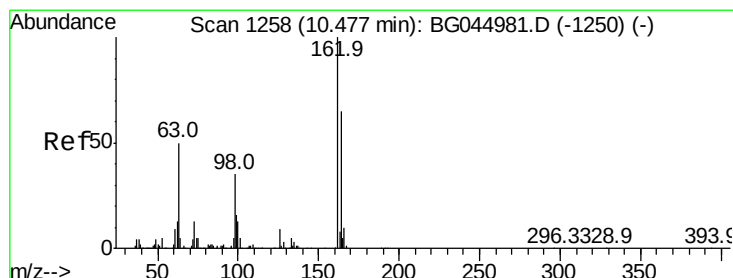
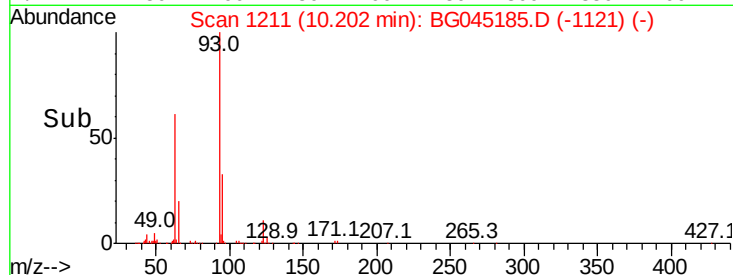
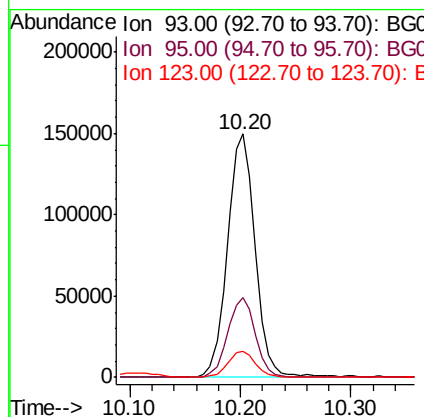
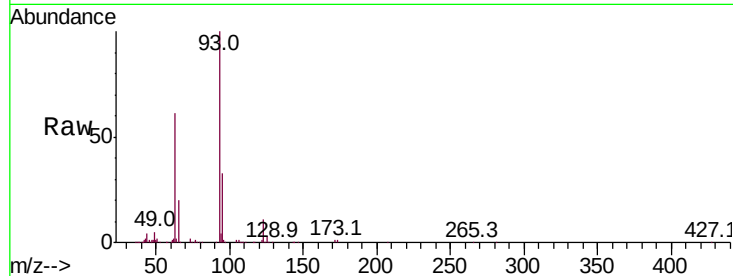
#28
bis(2-Chloroethoxy)methane
Concen: 45.198 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	27.0	40.4	
123	10.8	8.7	13.1	

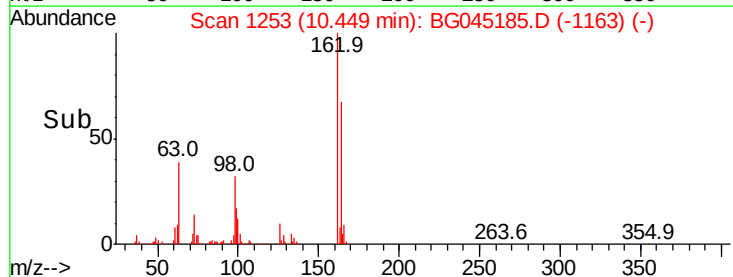
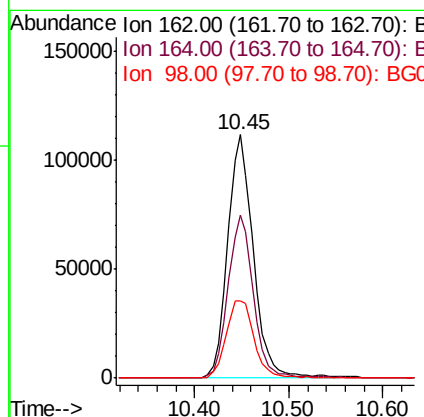
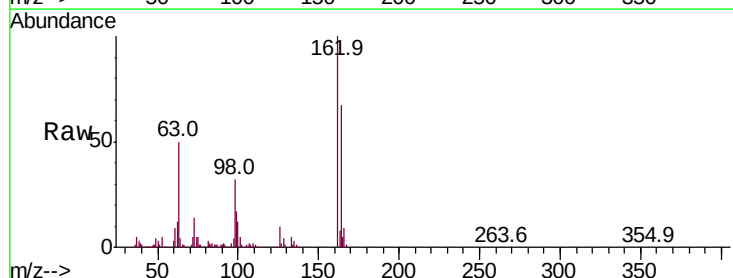
Manual Integrations
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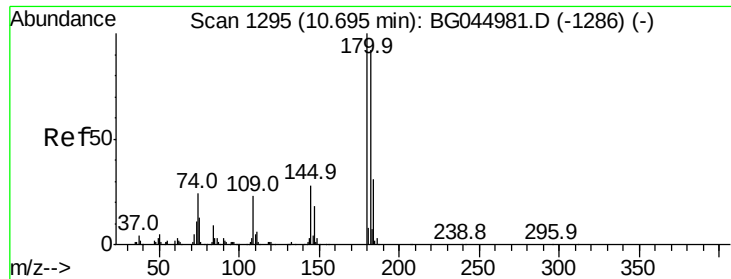
mohammad
4/30/2020 12:04:34 AM



#29
2,4-Dichlorophenol
Concen: 48.553 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.1	45.0	85.0	
98	31.7	15.2	55.2	





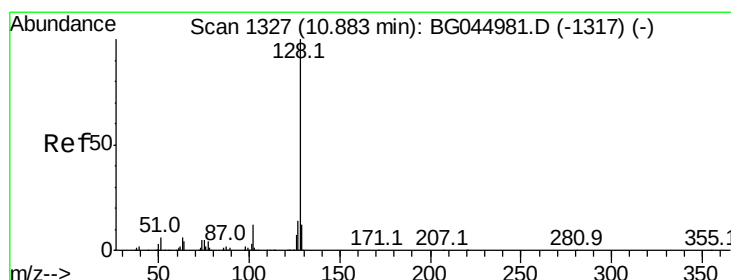
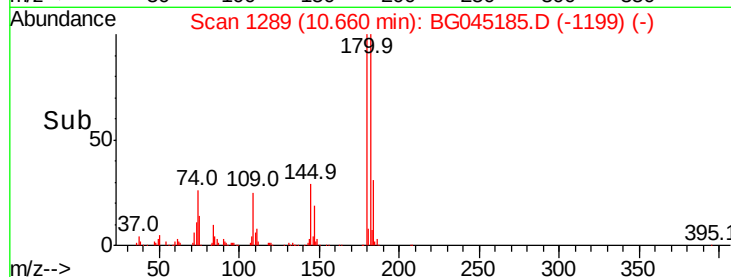
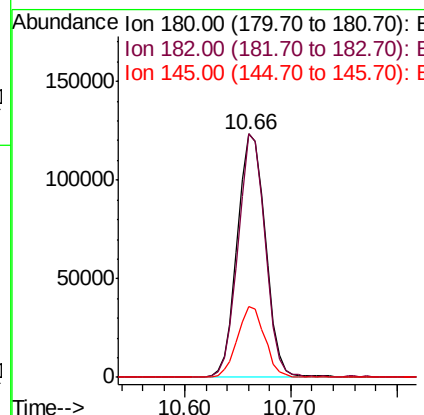
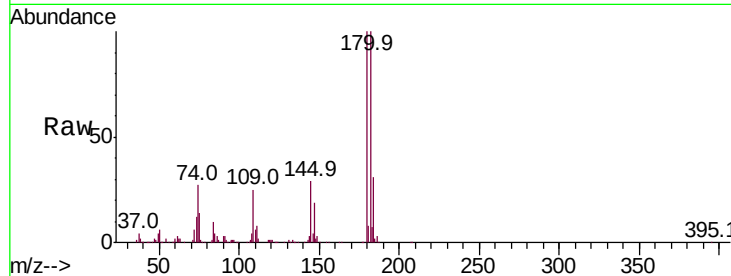
#30
 1,2,4-Trichlorobenzene
 Concen: 46.348 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	228417		
182	99.8	73.3	109.9	
145	28.9	22.6	33.8	

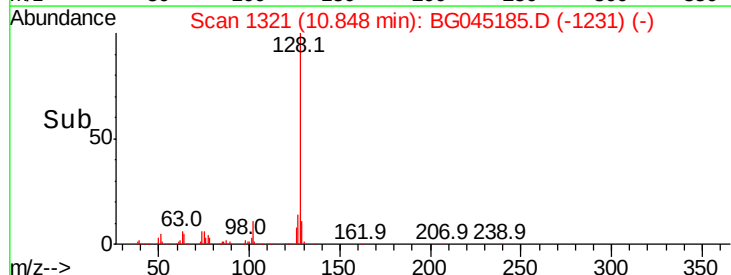
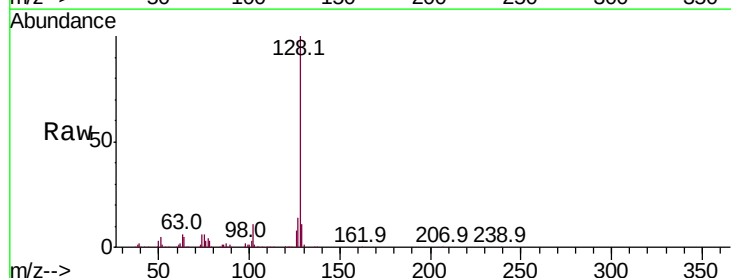
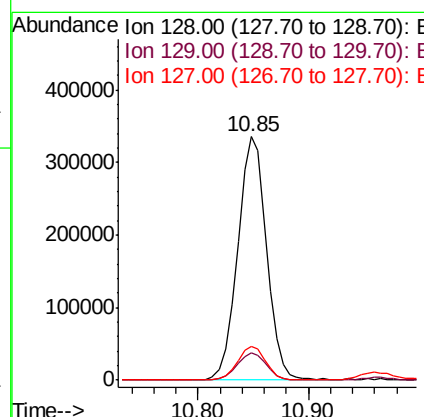
Manual Integrations
 APPROVED

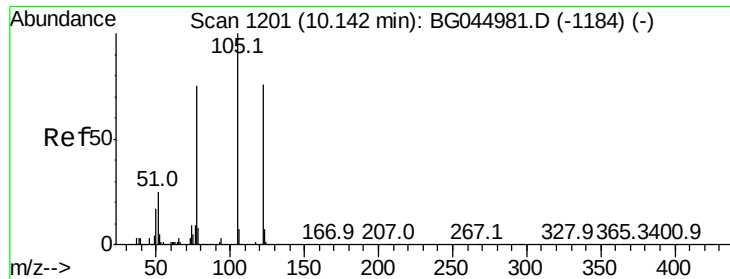
mohammad
 4/30/2020 12:04:34 AM



#31
 Naphthalene
 Concen: 45.765 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	614681		
129	11.4	9.4	14.2	
127	14.0	10.8	16.2	





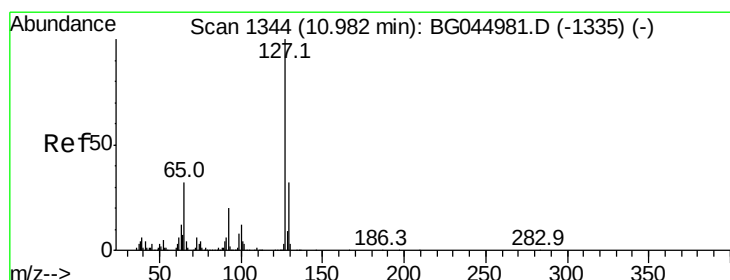
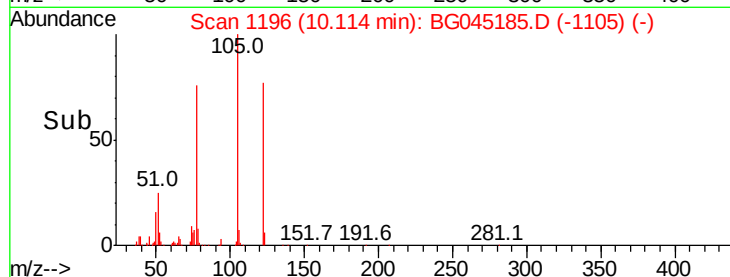
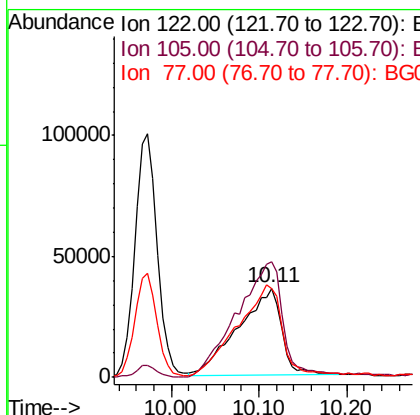
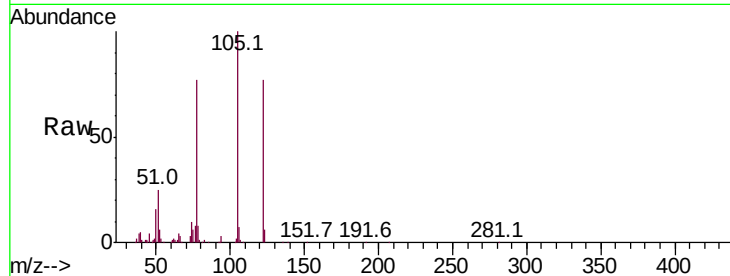
#32
Benzoic acid
Concen: 41.189 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
122	100		
105	129.6	108.4	148.4
77	99.3	78.8	118.8

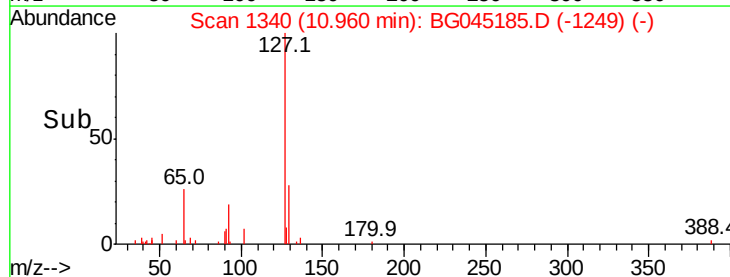
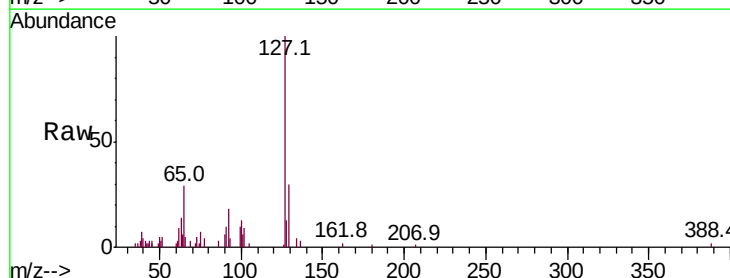
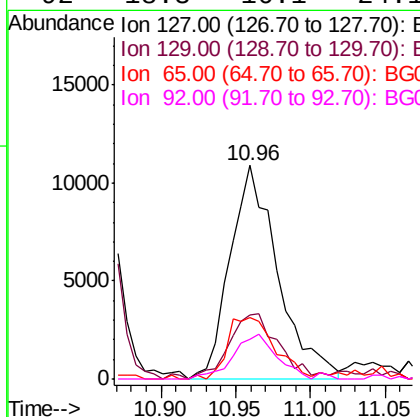
Manual Integrations
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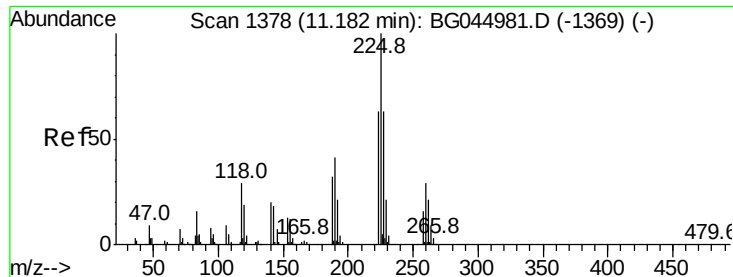
mohammad
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#33
4-Chloroaniline
Concen: 3.874 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.7	38.5
65	28.9	25.4	38.2
92	18.3	16.1	24.1





#34

Hexachlorobutadiene

Concen: 45.979 ng

RT: 11.14 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

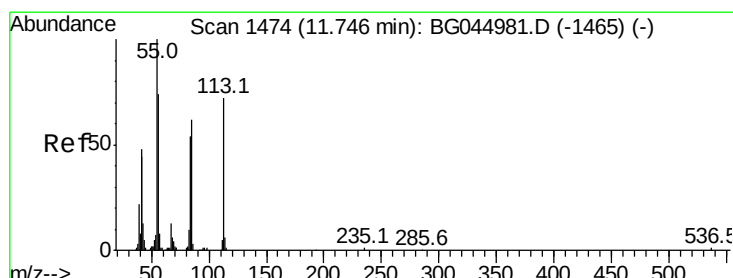
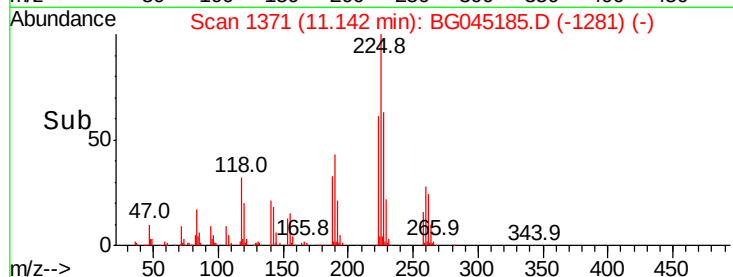
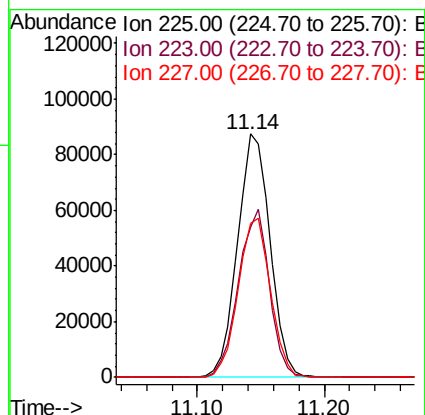
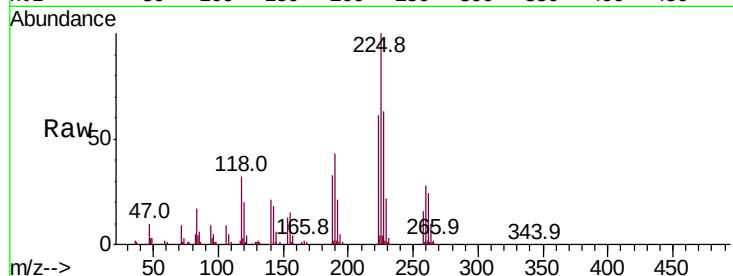
ClientSampled :

TP-19AMS

Tot Ion:	225	Resp:	155361
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.7	76.1
227	63.3	50.2	75.2

Manual Integrations
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#35

Caprolactam

Concen: 38.048 ng m

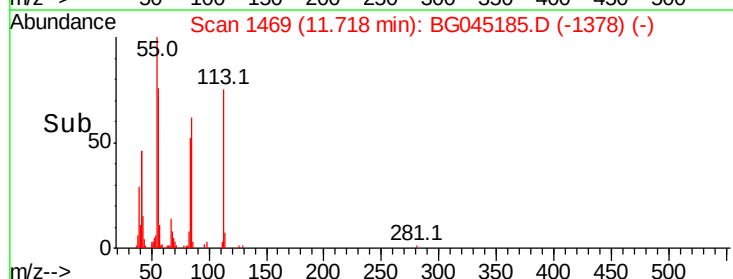
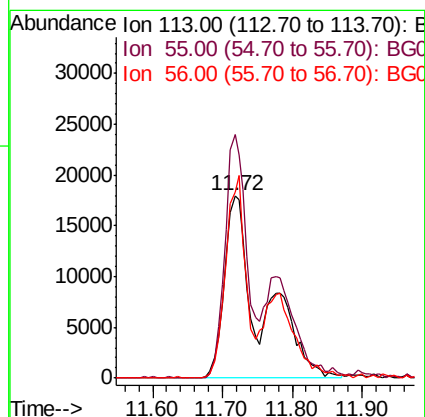
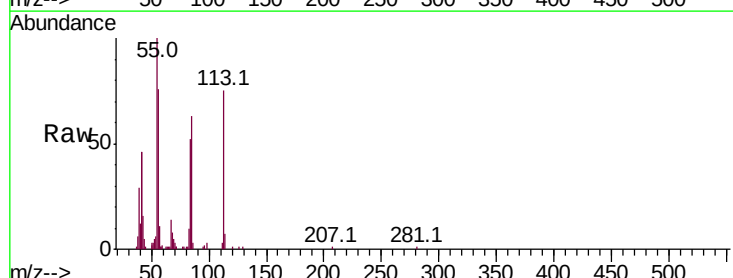
RT: 11.72 min Scan# 1469

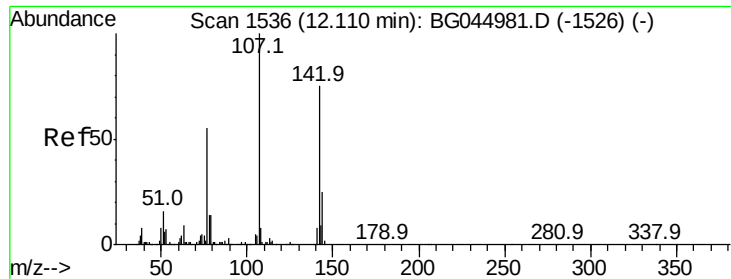
Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	113	Resp:	65915
Ion Ratio	Lower	Upper	
113	100		
55	133.4	118.8	158.8
56	101.7	82.6	122.6





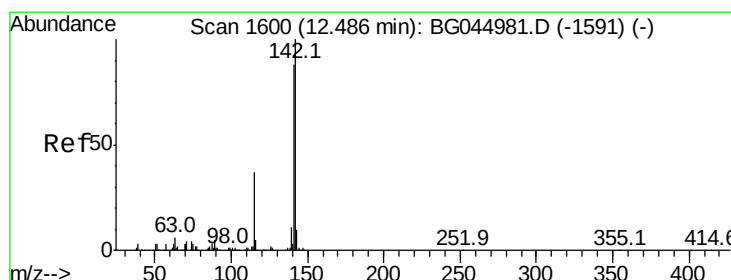
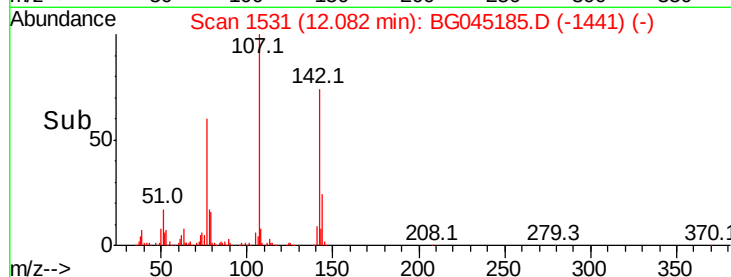
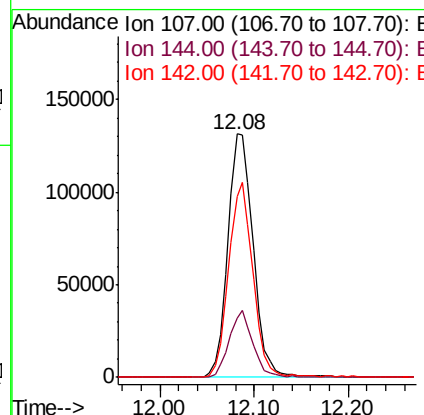
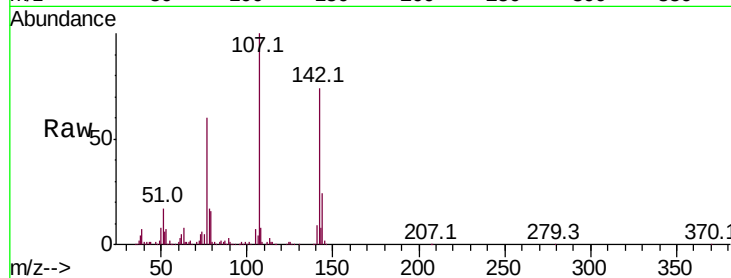
#36
4-Chloro-3-methylphenol
Concen: 48.236 ng
RT: 12.08 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	246652		
144	24.3	19.8	29.6	
142	74.2	59.7	89.5	

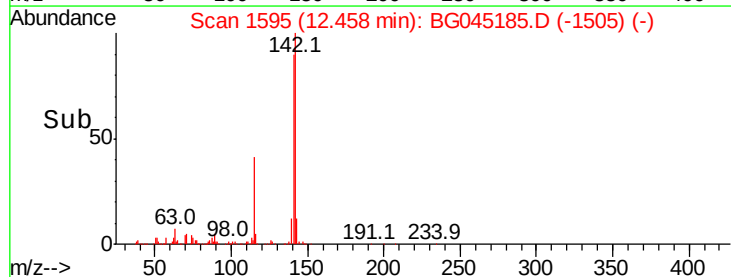
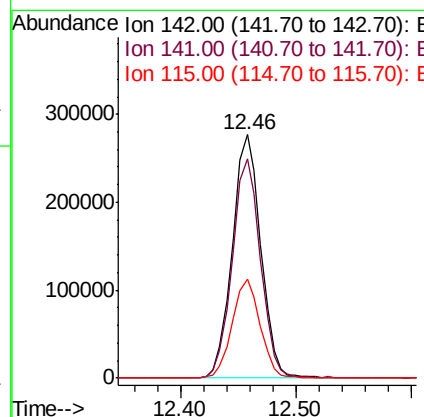
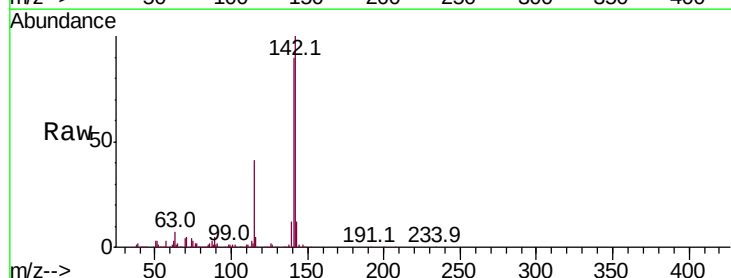
Manual Integrations
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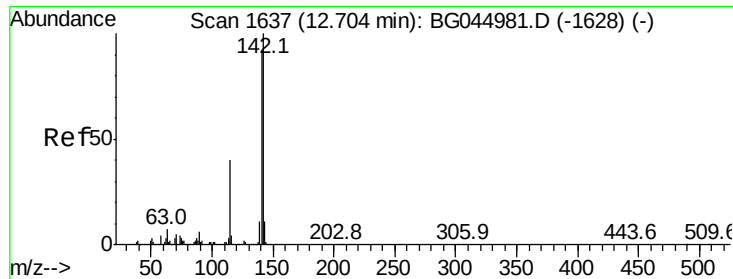
mohammad
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#37
2-Methylnaphthalene
Concen: 45.385 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	473145		
141	89.9	70.3	105.5	
115	40.6	29.8	44.6	





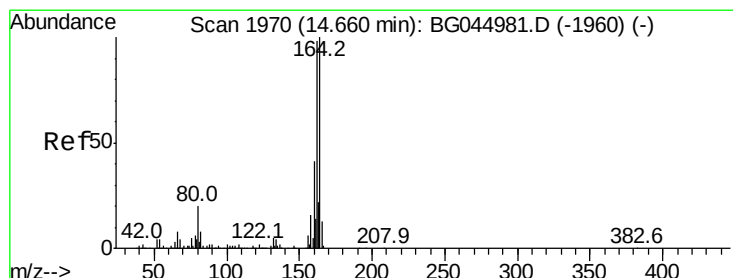
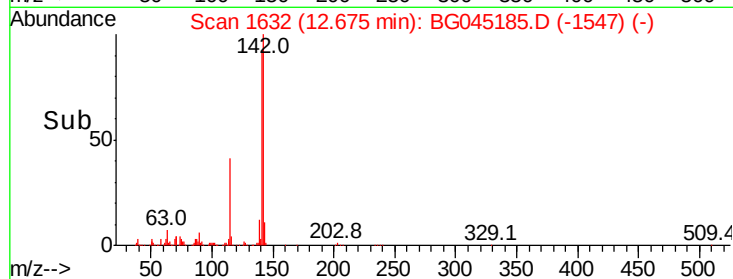
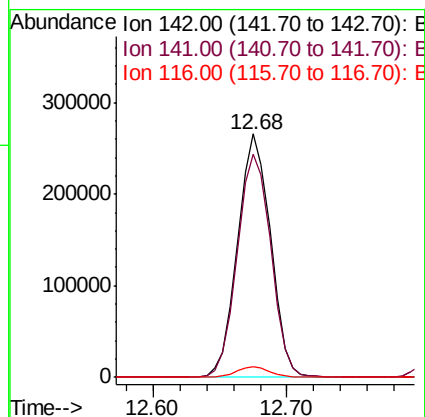
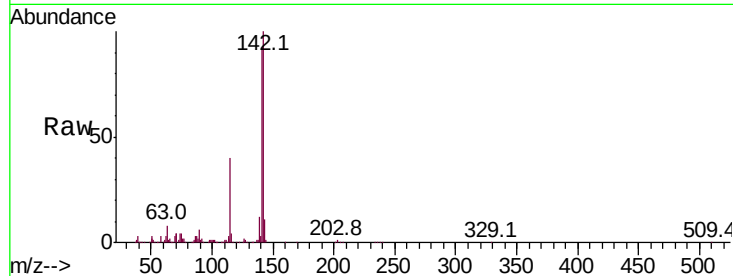
#38
1-Methylnaphthalene
Concen: 45.997 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	452692		
141	91.8	72.7	109.1	
116	4.5	3.1	4.7	

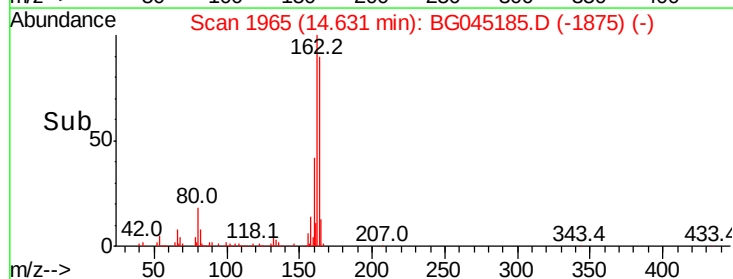
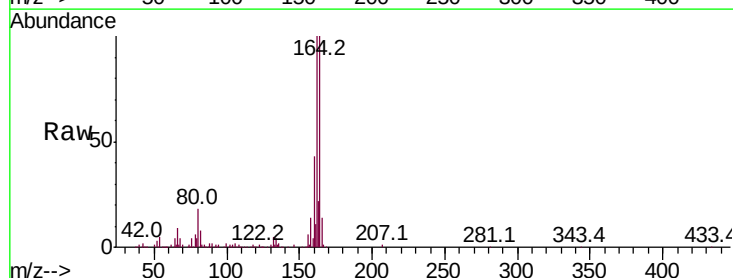
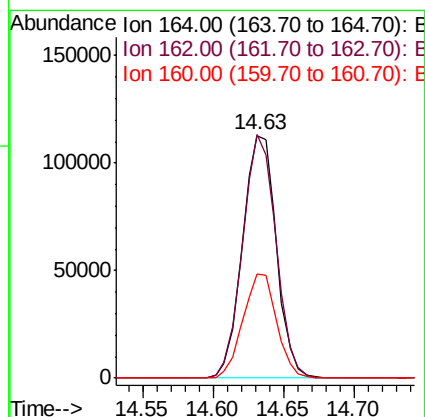
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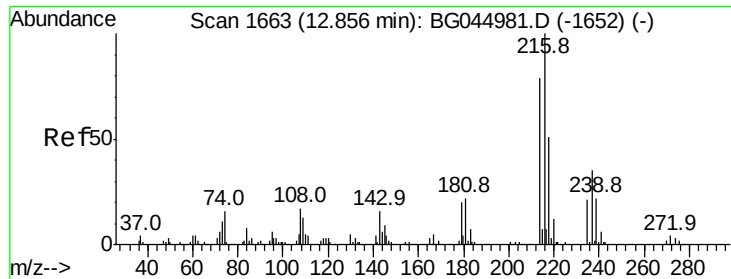
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	189274		
162	100.3	78.7	118.1	
160	42.8	32.8	49.2	





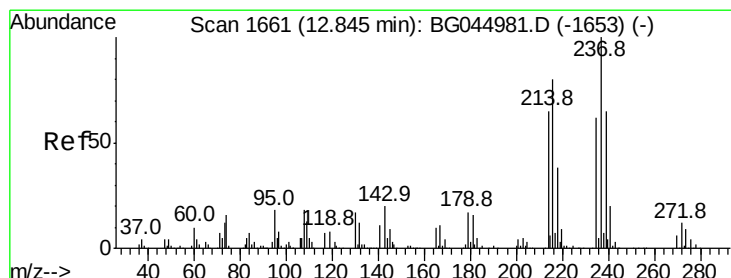
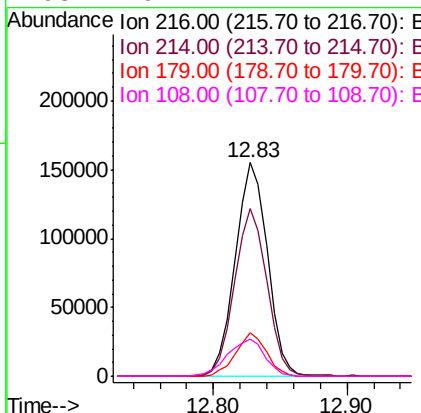
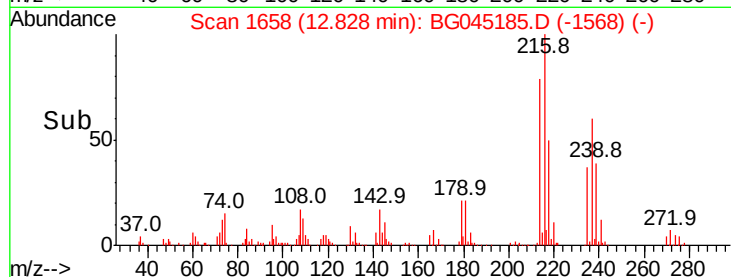
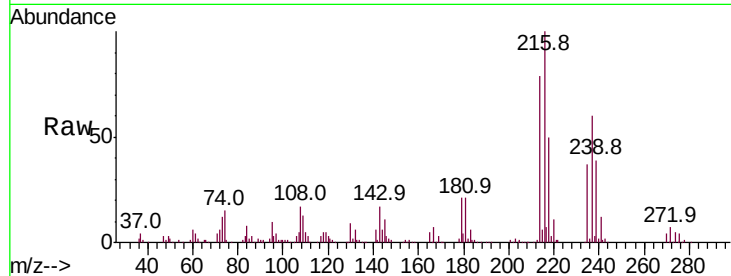
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.569 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	259419		
214	78.8	63.0	94.6	
179	19.6	15.8	23.8	
108	20.2	14.2	21.2	

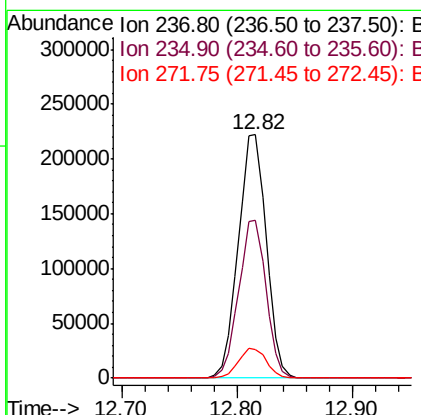
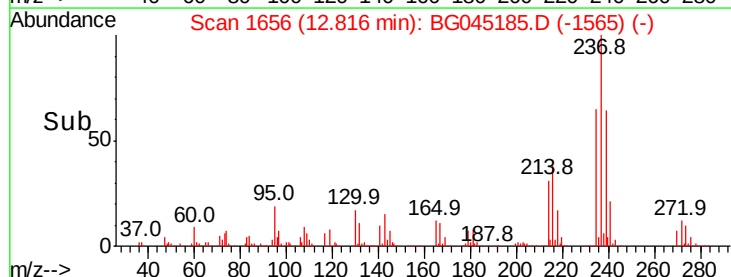
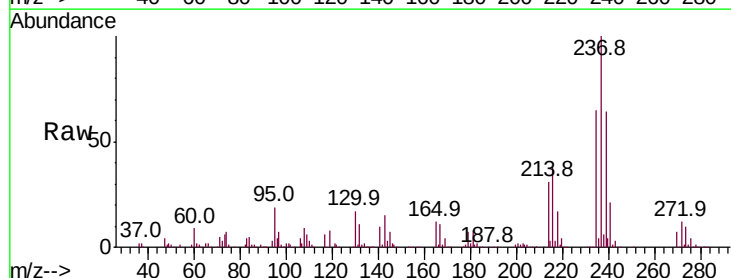
Manual Integrations
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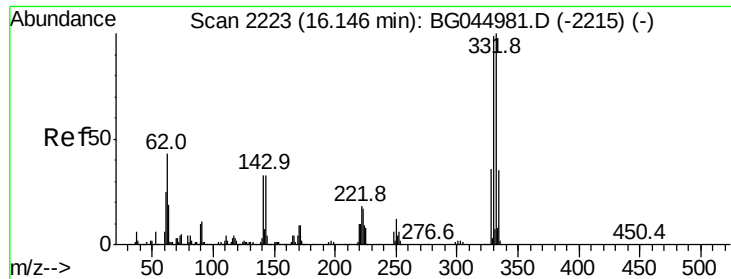
mohammad
 4/30/2020 12:04:34 AM



#41
 Hexachlorocyclopentadiene
 Concen: 98.086 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	373602		
235	65.0	41.6	81.6	
272	12.0	0.0	32.1	





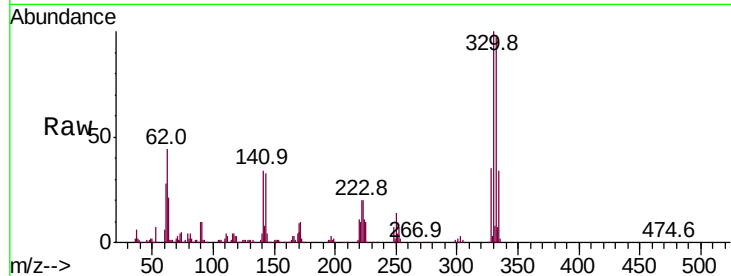
#42
2,4,6-Tribromophenol
Concen: 138.010 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	79.1	118.7	
141	34.9	27.1	40.7	

Manual Integrations
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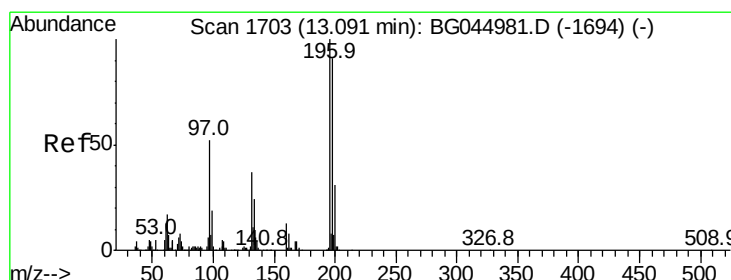
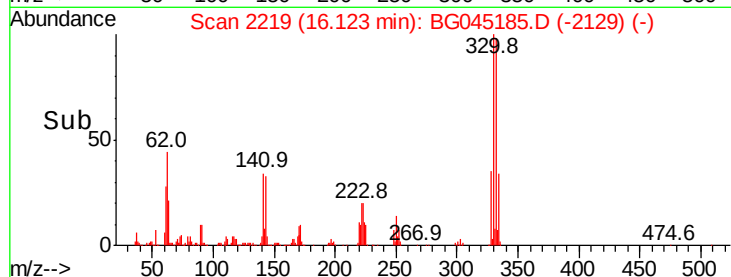
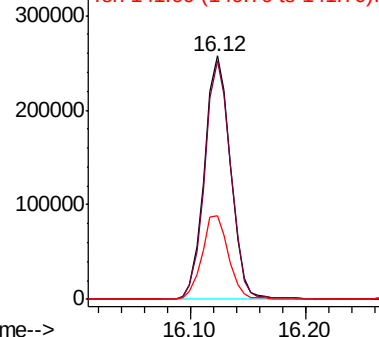


Abundance

Ion 329.80 (329.50 to 330.50): E

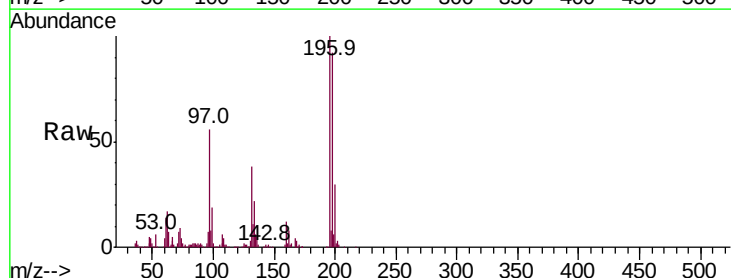
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
2,4,6-Trichlorophenol
Concen: 45.950 ng
RT: 13.07 min Scan# 1699
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.2	72.5	108.7	
200	30.1	24.5	36.7	

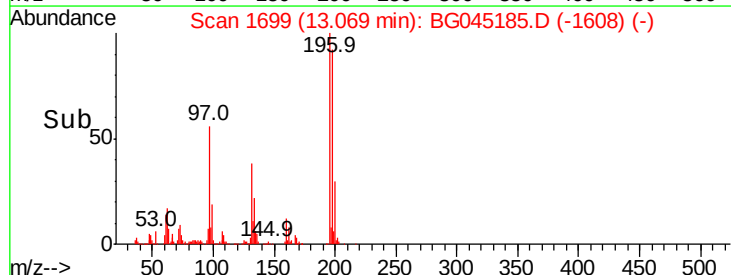
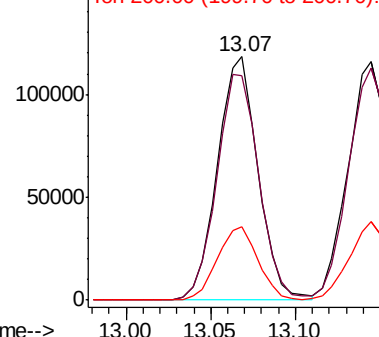


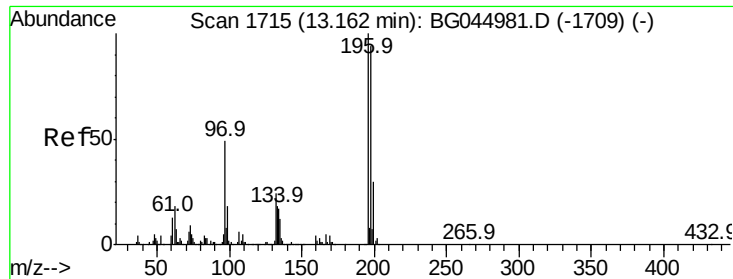
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





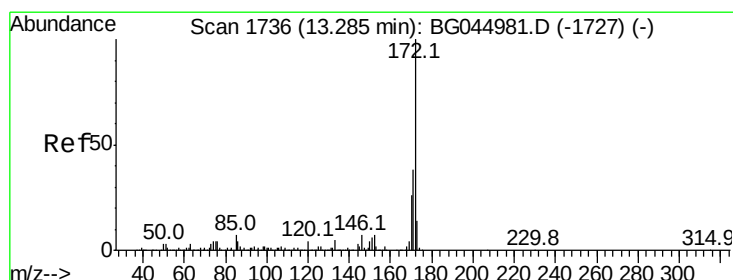
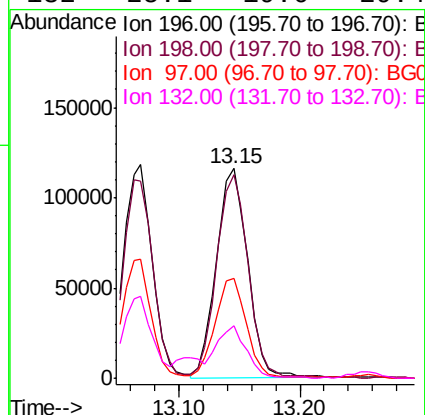
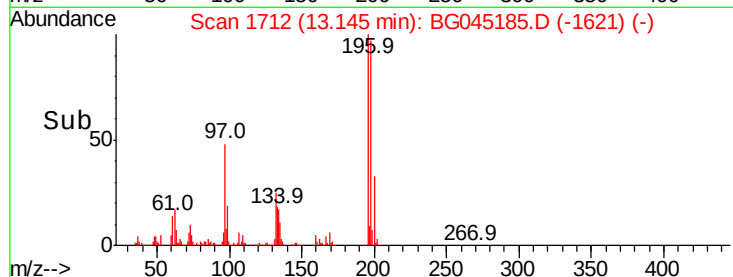
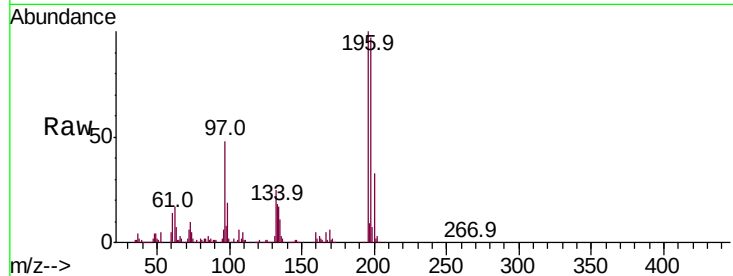
#44
2,4,5-Trichlorophenol
Concen: 42.391 ng
RT: 13.15 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampled :
TP-19AMS

Tot Ion:	196	Resp:	207535
Ion Ratio	Lower	Upper	
196	100		
198	97.2	75.7	113.5
97	48.0	39.6	59.4
132	25.1	19.6	29.4

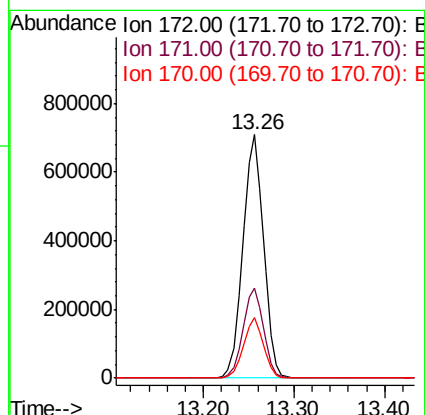
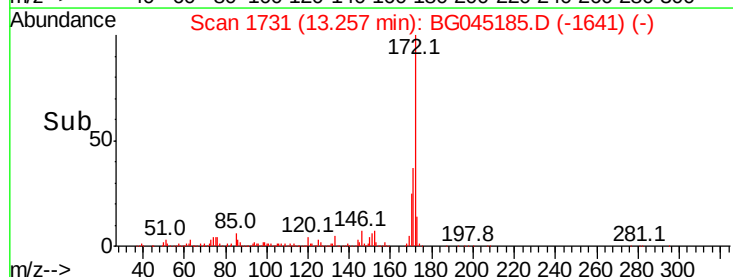
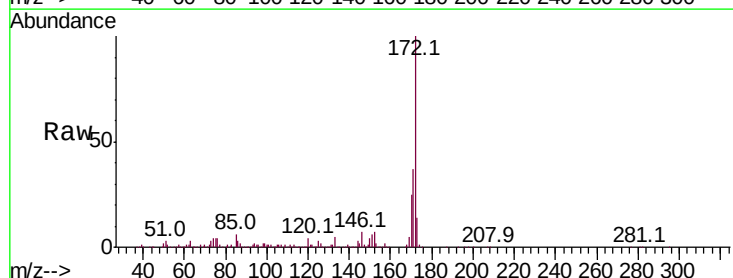
Manual Integrations
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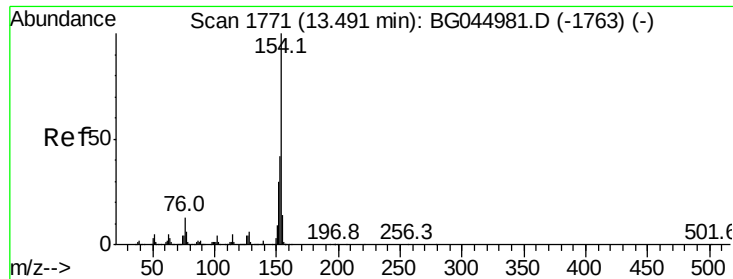
mohammad
4/30/2020 12:04:34 AM



#45
2-Fluorobiphenyl
Concen: 87.314 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion:	172	Resp:	1127061
Ion Ratio	Lower	Upper	
172	100		
171	36.9	30.6	46.0
170	24.8	20.5	30.7





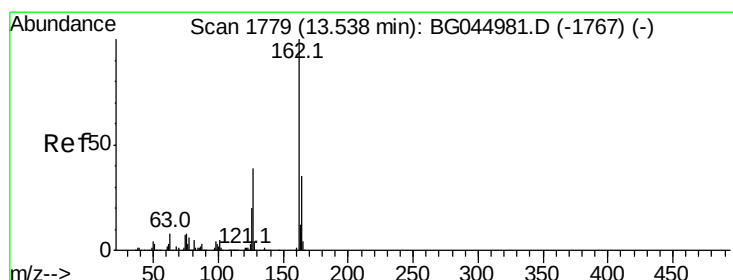
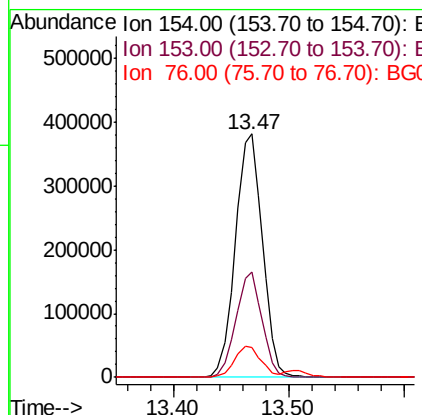
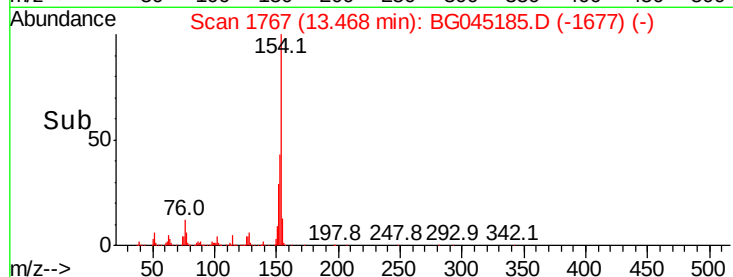
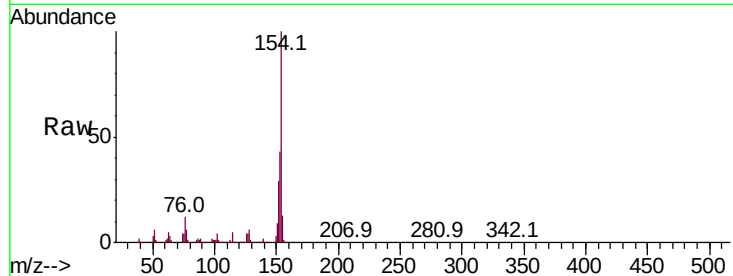
#46
1,1'-Biphenyl
Concen: 43.057 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.2	21.9	61.9	
76	12.1	0.0	33.1	

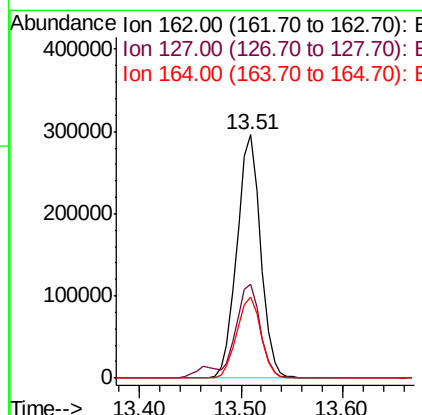
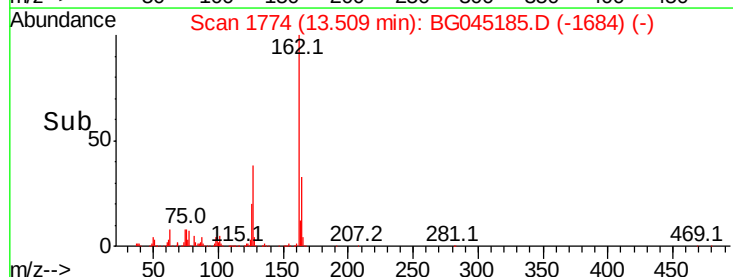
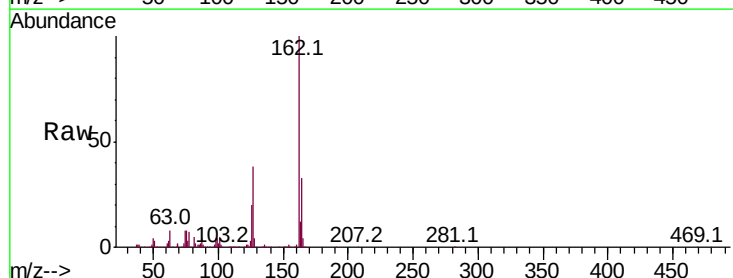
Manual Integrations
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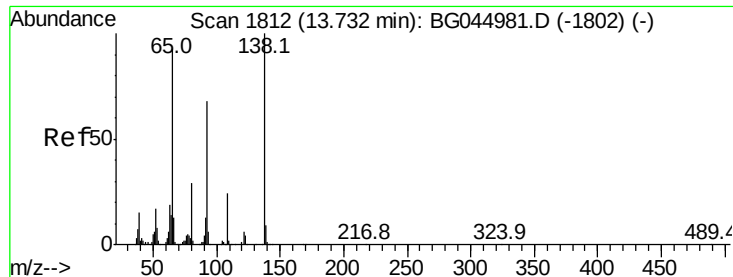
mohammad
4/30/2020 12:04:34 AM



#47
2-Chloronaphthalene
Concen: 43.640 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	31.3	46.9	
164	33.2	27.8	41.8	





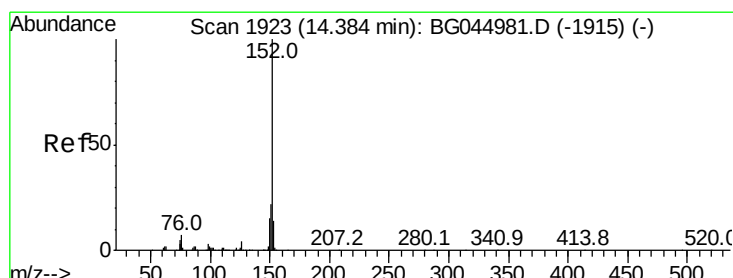
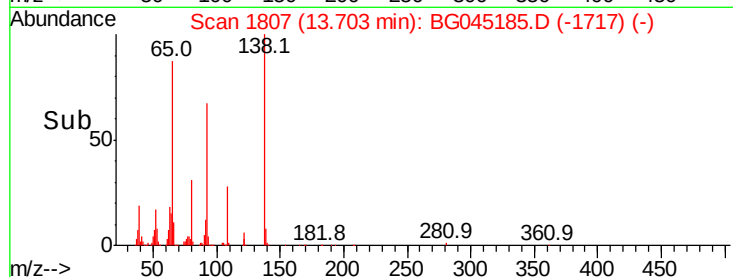
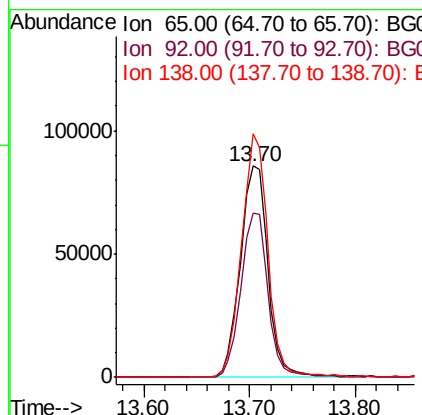
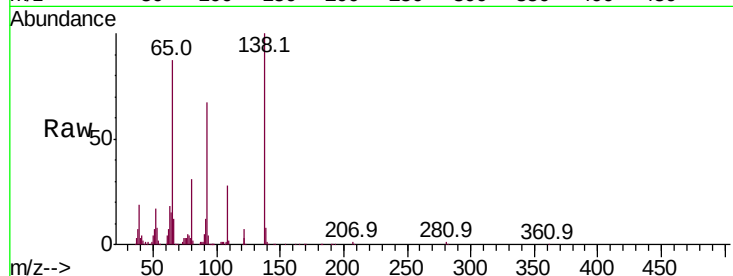
#48
2-Nitroaniline
Concen: 42.886 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.5	58.3	87.5
138	115.3	85.6	128.4

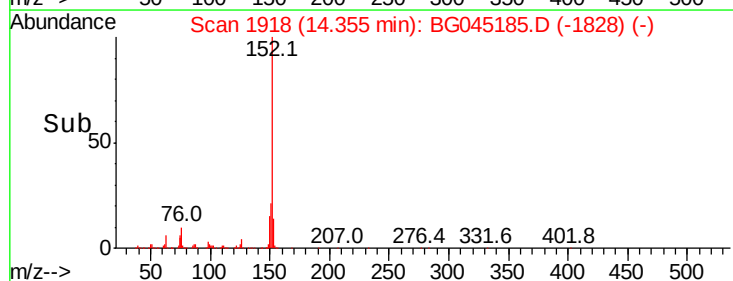
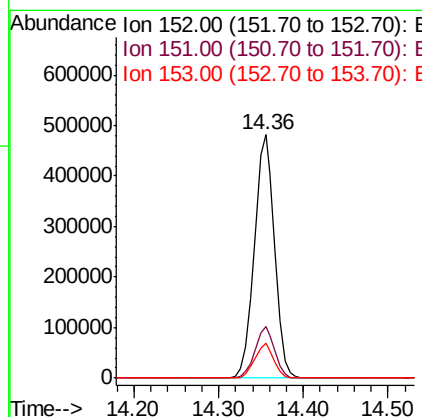
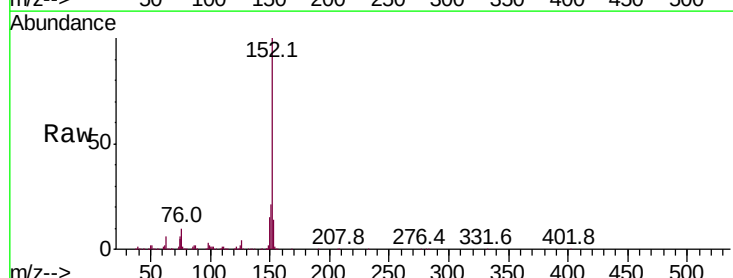
Manual Integrations
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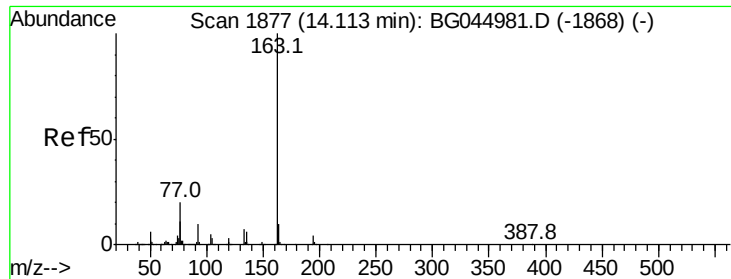
mohammad
4/30/2020 12:04:34 AM



#49
Acenaphthylene
Concen: 45.212 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	14.3	11.0	16.4





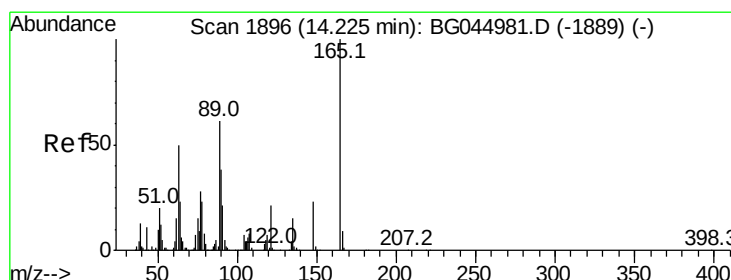
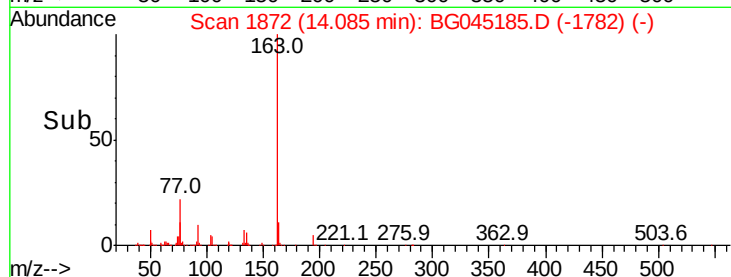
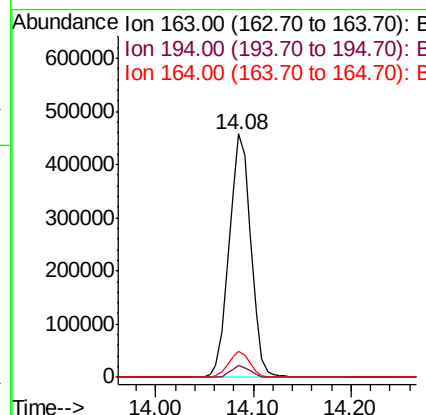
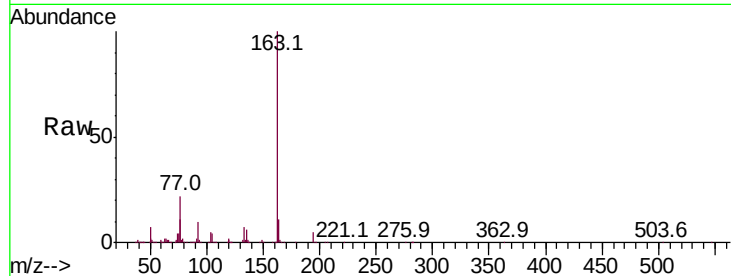
#50
Dimethylphthalate
Concen: 45.606 ng
RT: 14.08 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.7	3.5	5.3	
164	10.8	8.2	12.4	

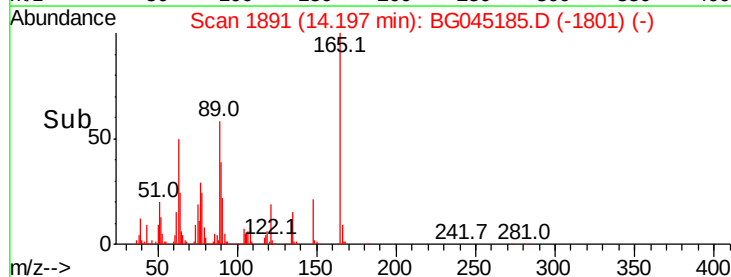
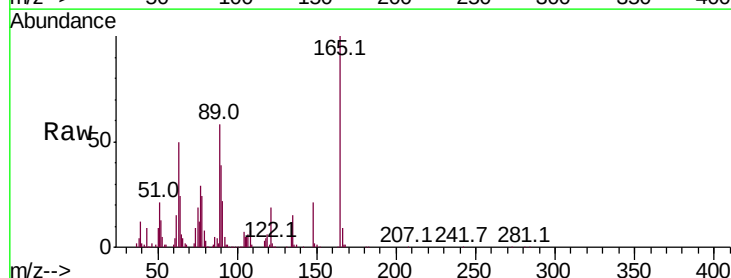
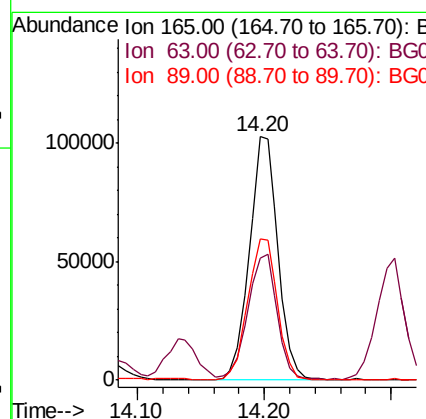
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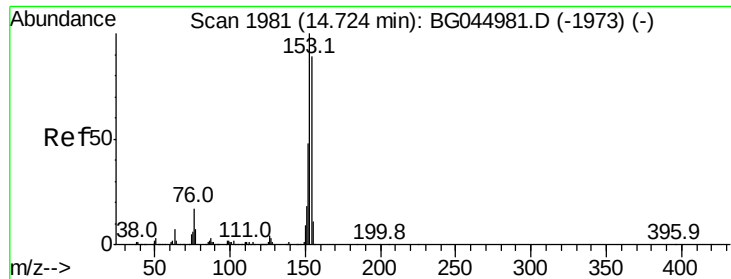
mohammad
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#51
2,6-Dinitrotoluene
Concen: 46.596 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.1	40.4	60.6	
89	57.9	49.1	73.7	





#52

Acenaphthene

Concen: 52.198 ng/mL

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

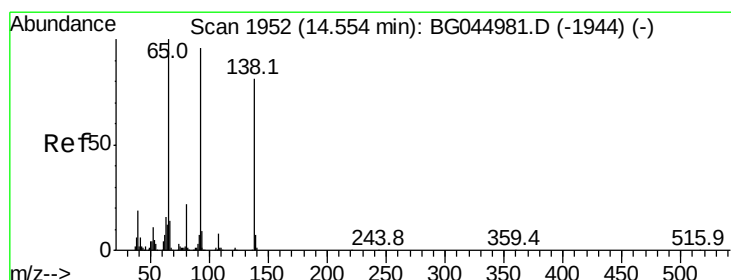
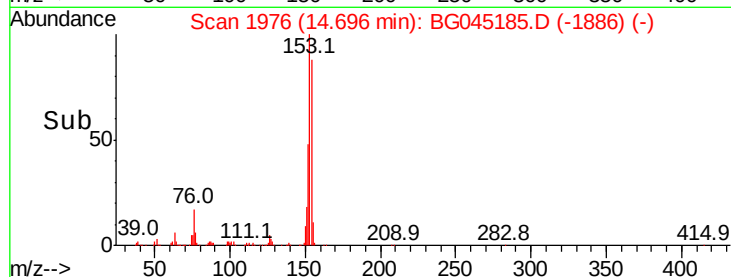
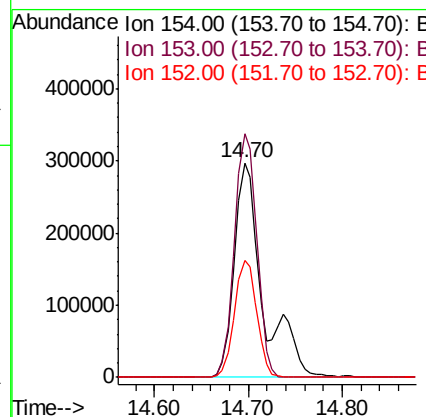
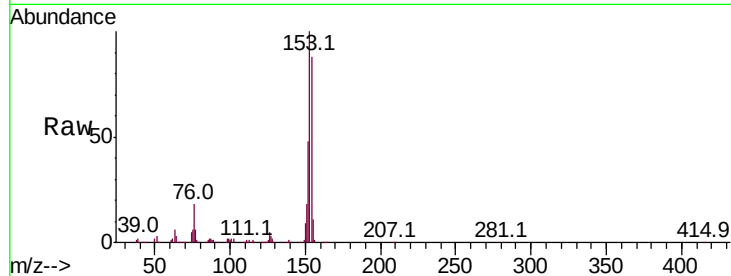
ClientSampled :

TP-19AMS

Tot Ion:	154	Resp:	632362
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.7	134.5
152	54.5	43.1	64.7

Manual Integrations
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#53

3-Nitroaniline

Concen: 10.816 ng/mL

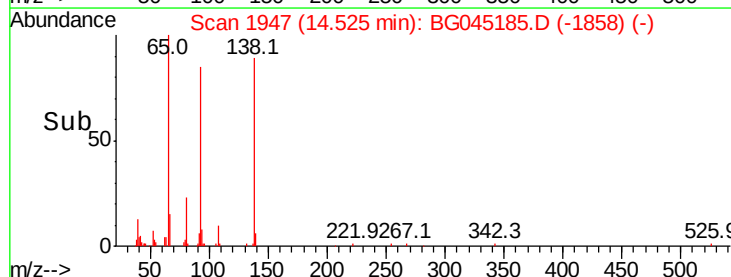
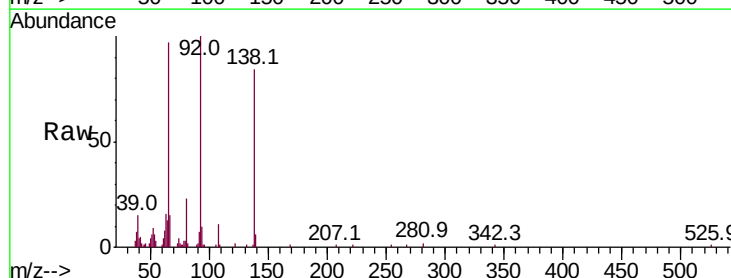
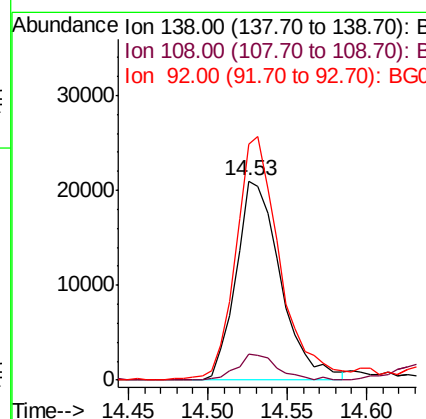
RT: 14.53 min Scan# 1947

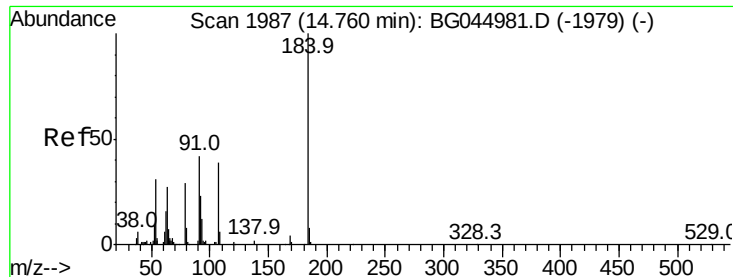
Delta R.T. -0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	138	Resp:	40890
Ion Ratio	Lower	Upper	
138	100		
108	12.8	7.8	11.8#
92	118.6	94.5	141.7





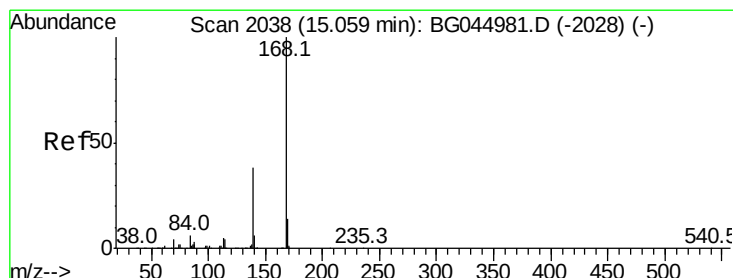
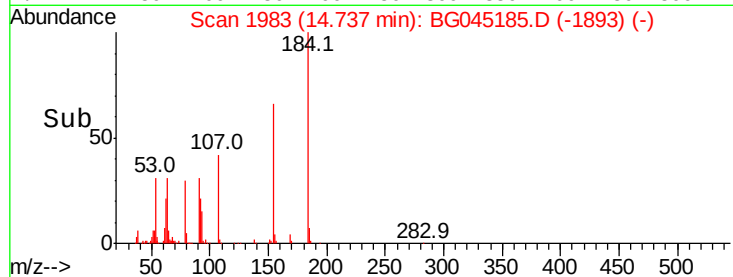
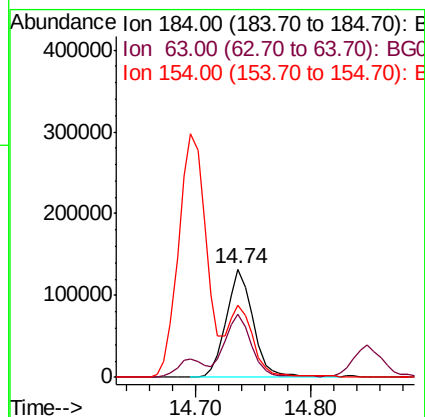
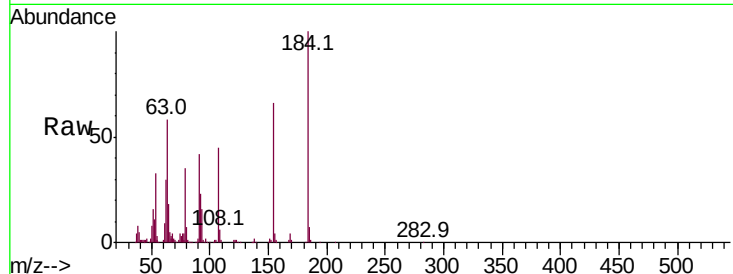
#54
2,4-Dinitrophenol
Concen: 105.049 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	215325		
63	57.9	41.5	62.3	
154	66.4	52.3	78.5	

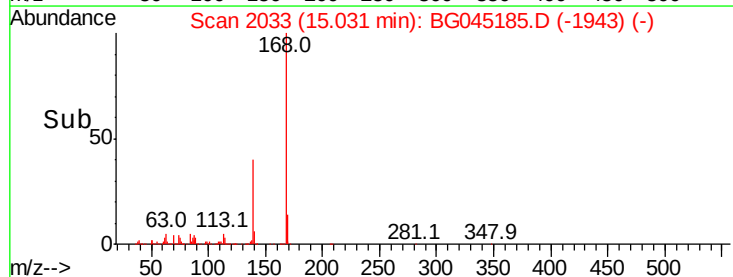
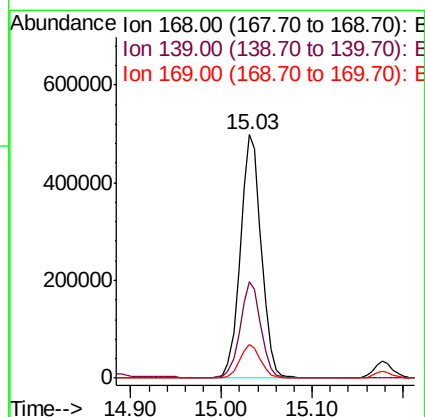
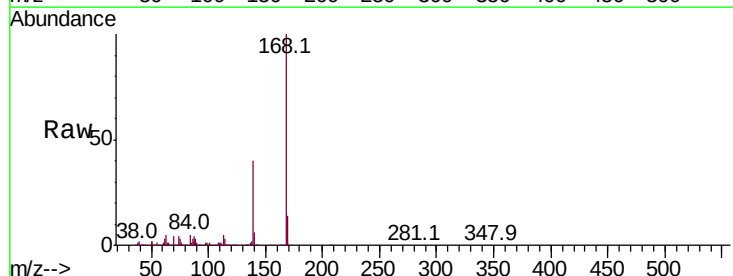
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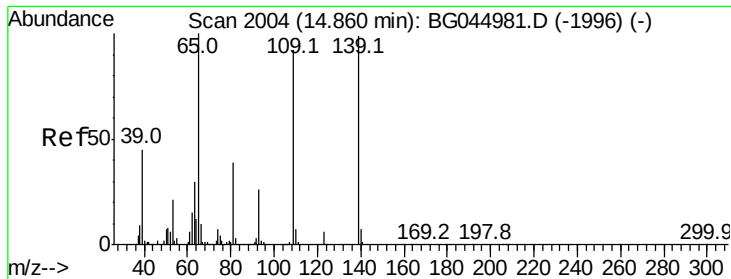
mohammad
4/30/2020 12:04:34 AM



#55
Dibenzofuran
Concen: 45.166 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	797733		
139	39.7	30.4	45.6	
169	13.9	11.0	16.4	





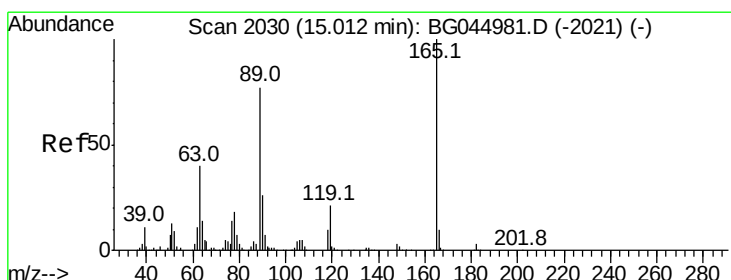
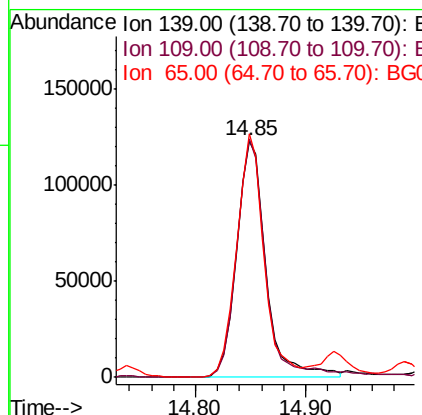
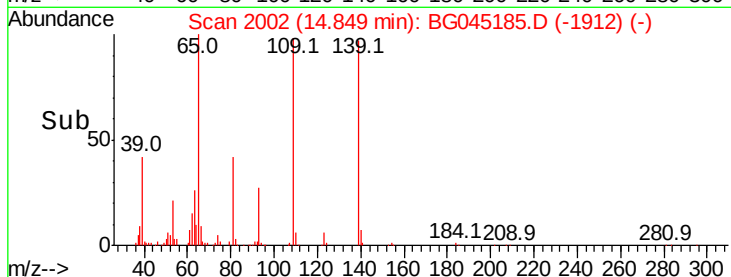
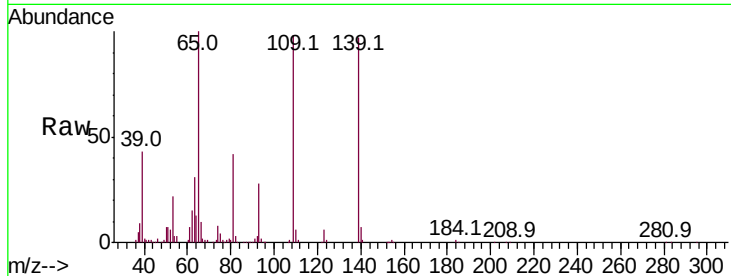
#56
4-Nitrophenol
Concen: 77.916 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	228404		
109	100.9	73.6	113.6	
65	102.9	81.2	121.2	

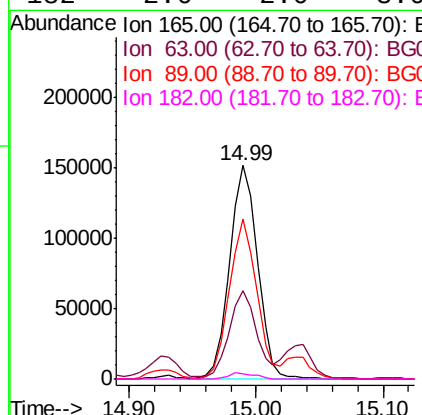
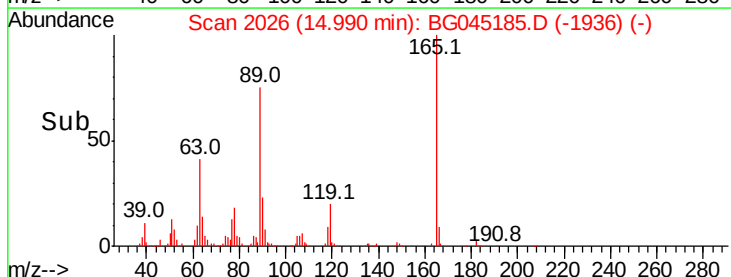
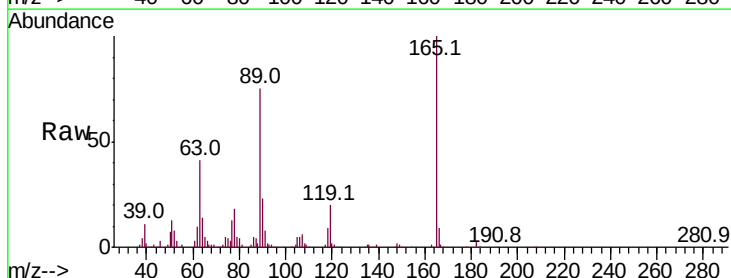
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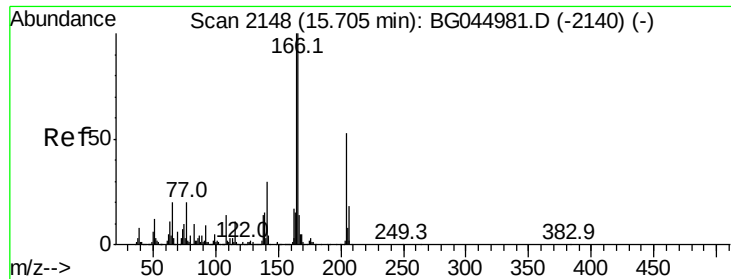
mohammad
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#57
2,4-Dinitrotoluene
Concen: 45.460 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229010		
63	41.3	32.2	48.2	
89	74.8	61.7	92.5	
182	2.6	2.0	3.0	





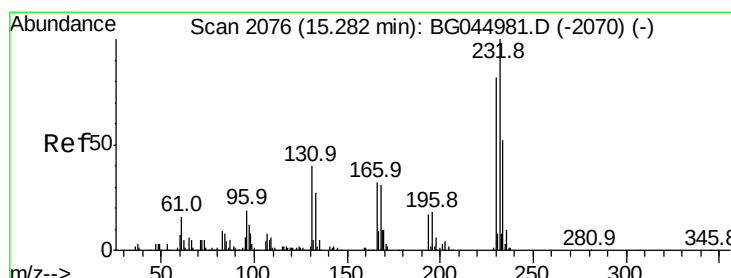
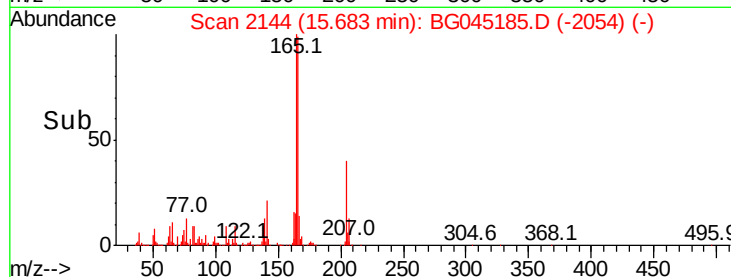
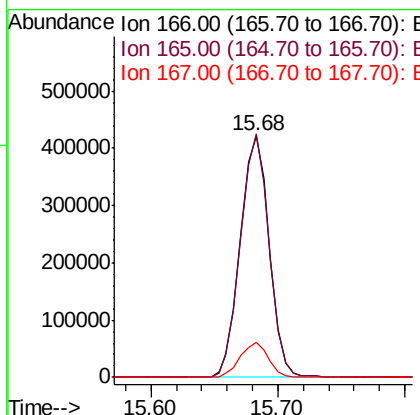
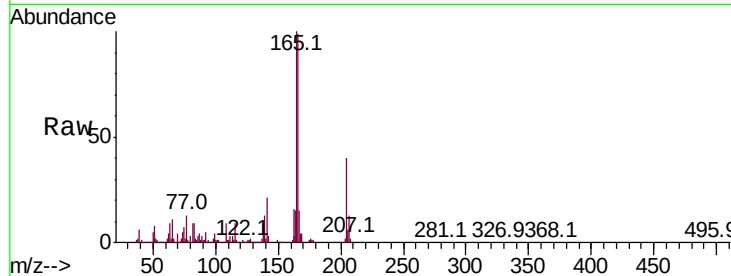
#58
 Fluorene
 Concen: 46.493 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Instrument :
 BNA_G
 ClientSampled :
 TP-19AMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.9	119.9
167	14.7	11.4	17.0

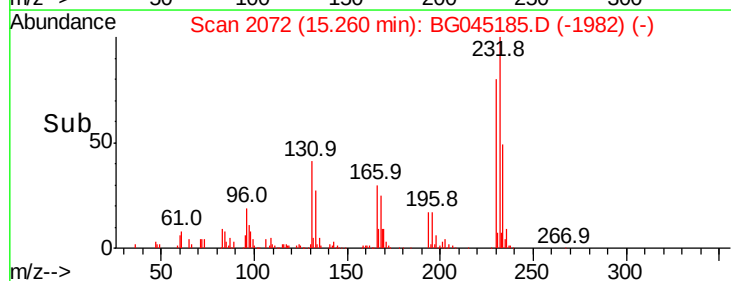
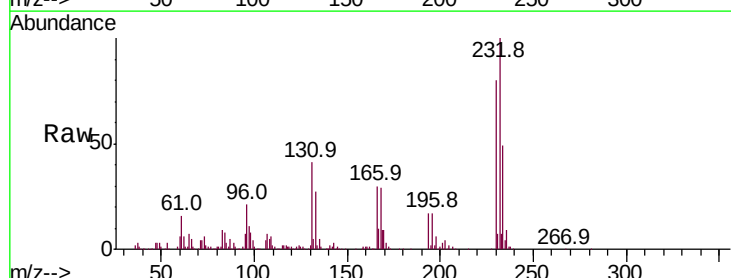
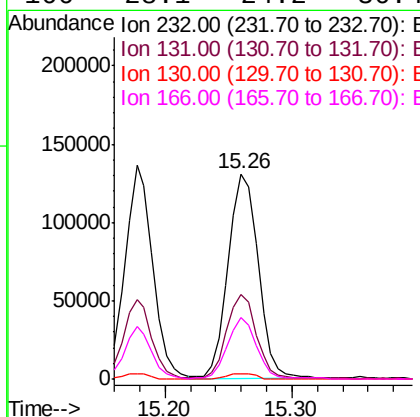
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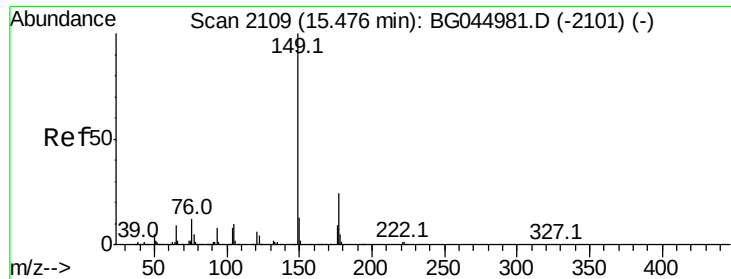
mohammad
 4/30/2020 12:04:34 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.319 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.8	32.2	48.2
130	2.4	2.2	3.2
166	28.1	24.2	36.4





#60

Diethylphthalate

Concen: 45.364 ng

RT: 15.45 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

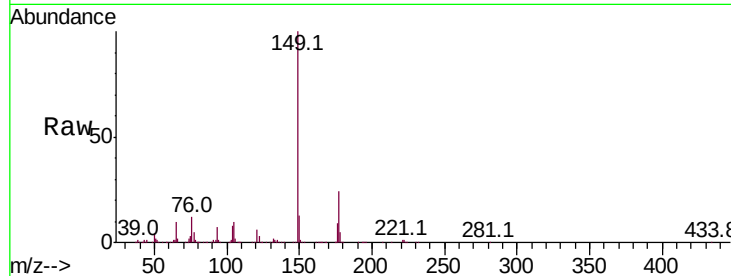
ClientSampleId :

TP-19AMS

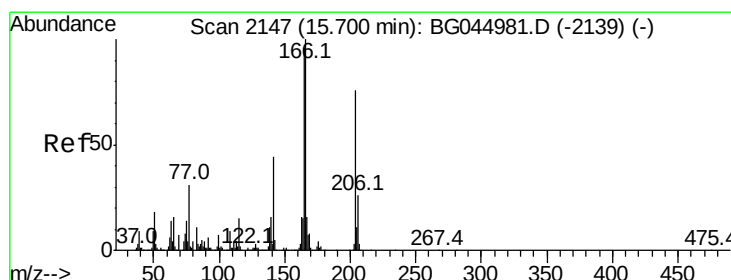
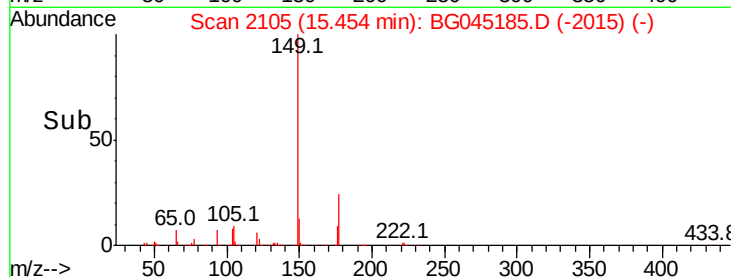
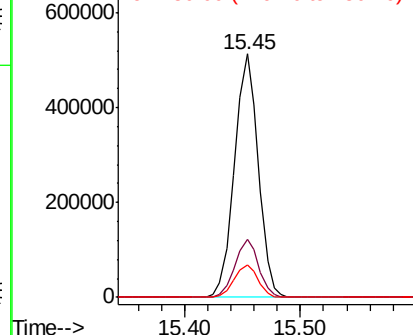
Tot Ion:	149	Resp:	728916
Ion Ratio	Lower	Upper	
149	100		
177	24.0	18.9	28.3
150	13.4	10.6	15.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 44.541 ng

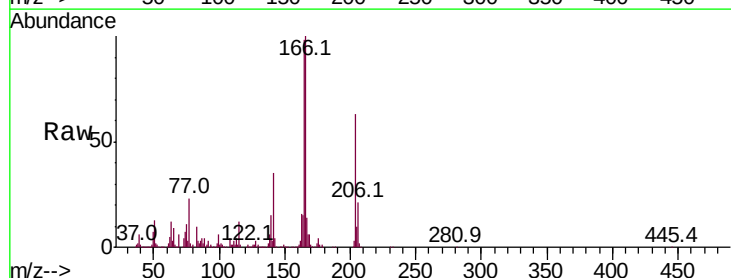
RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

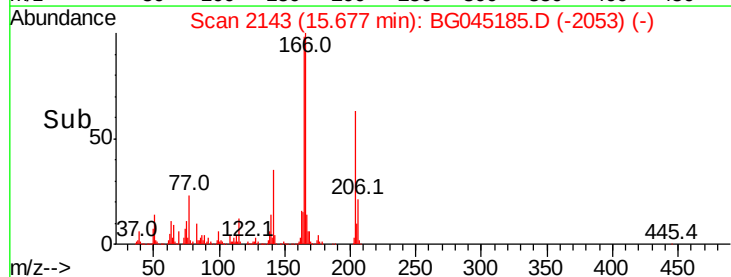
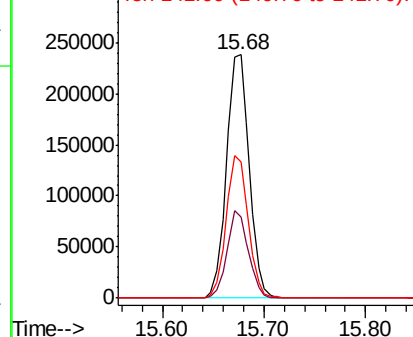
Lab File: BG045185.D

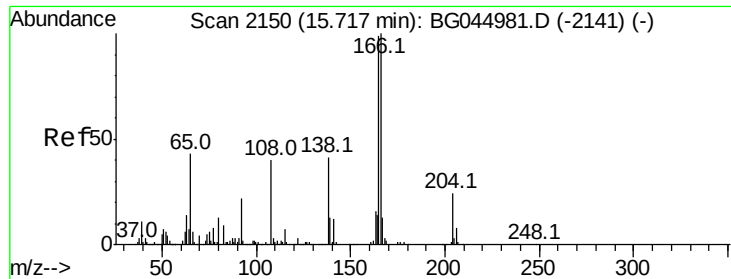
Acq: 28 Apr 2020 14:35

Tgt Ion:	204	Resp:	369861
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.9	40.3
141	56.0	46.3	69.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 33.668 ng

RT: 15.69 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

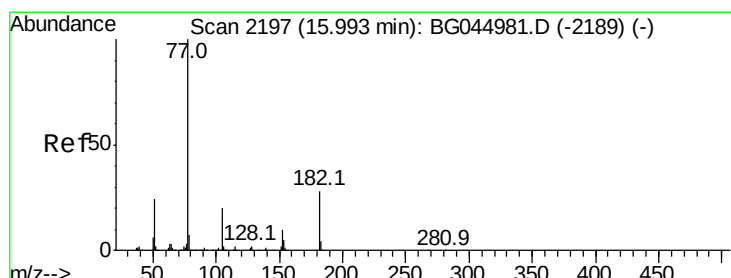
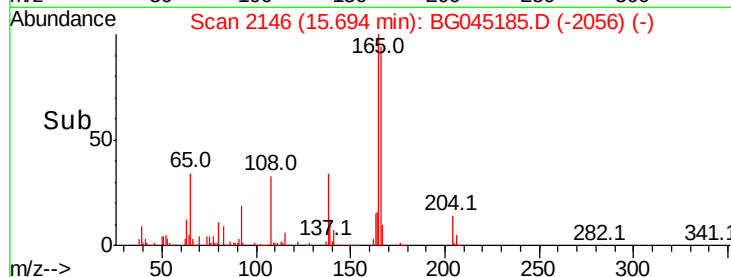
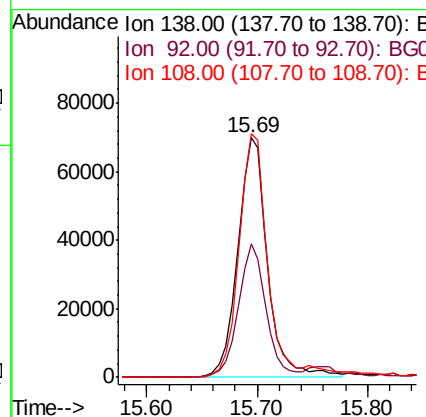
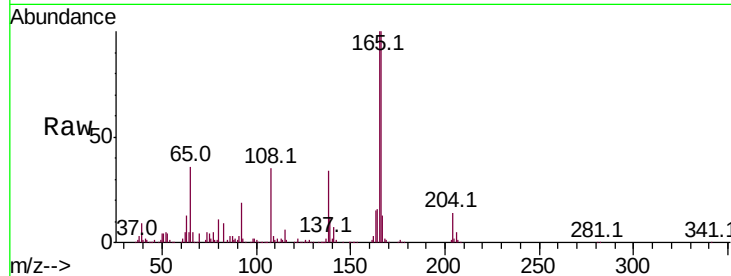
ClientSampleId :

TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	132023		
92	55.9	33.6	73.6	
108	101.7	78.2	118.2	

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#63

Azobenzene

Concen: 46.050 ng

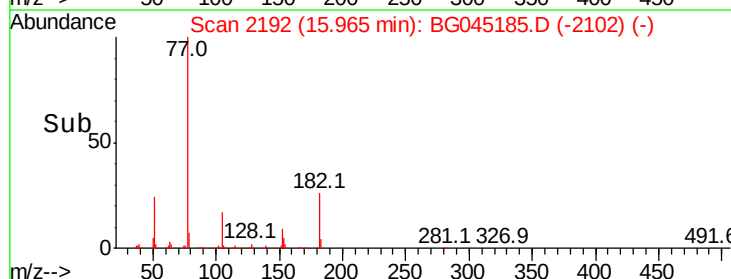
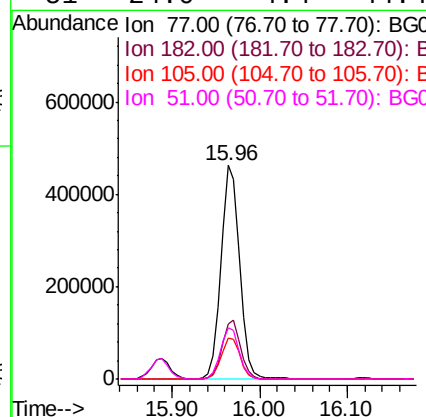
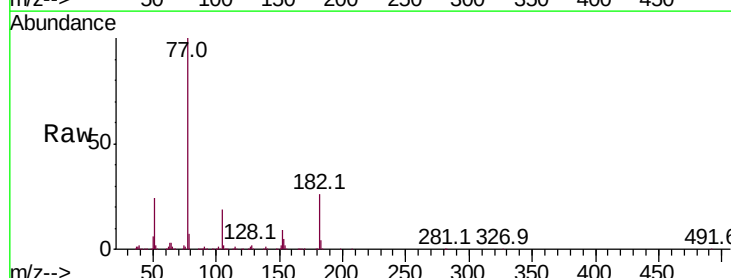
RT: 15.96 min Scan# 2192

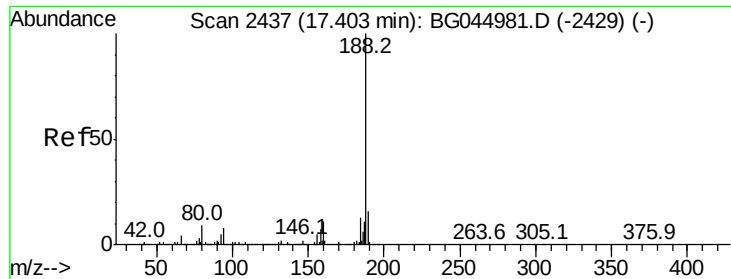
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	682198		
182	25.6	8.4	48.4	
105	19.3	0.5	40.5	
51	24.0	4.4	44.4	





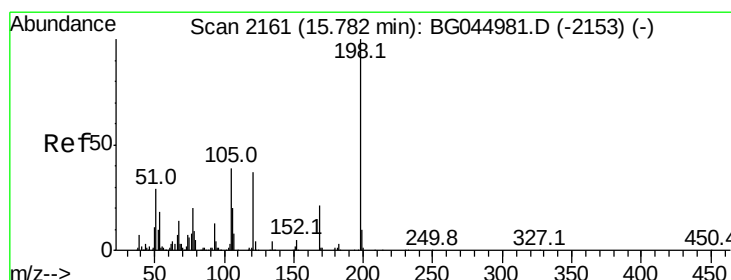
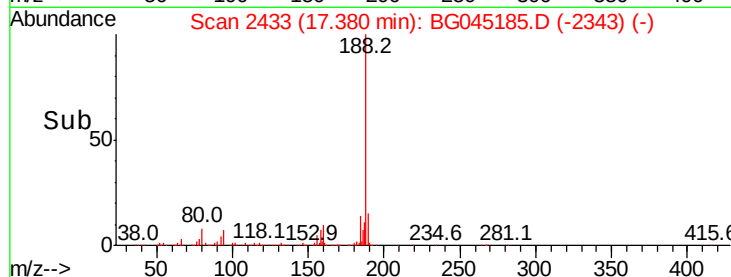
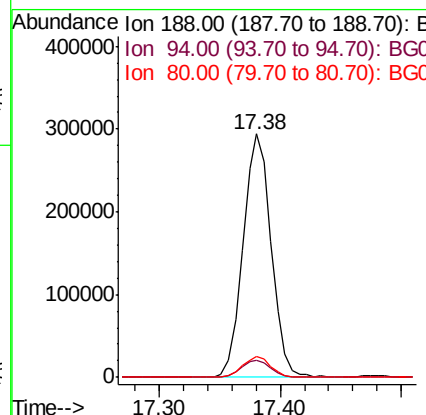
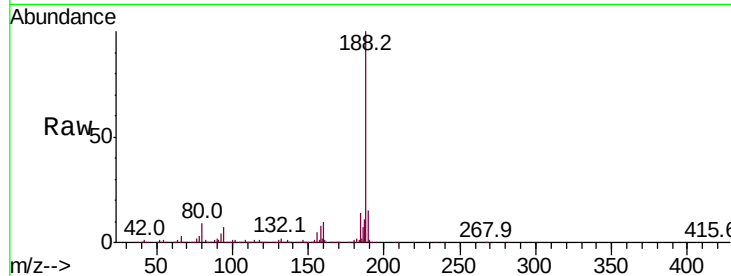
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	476096		
94	7.1		6.2	9.4
80	8.5		7.0	10.6

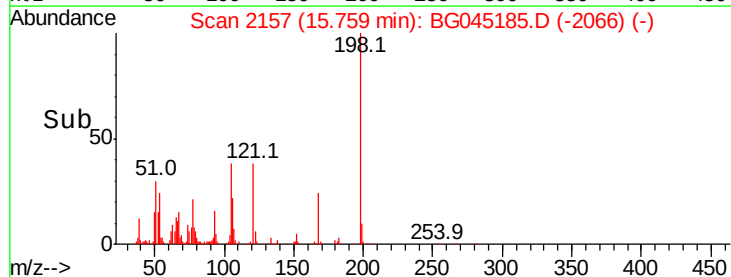
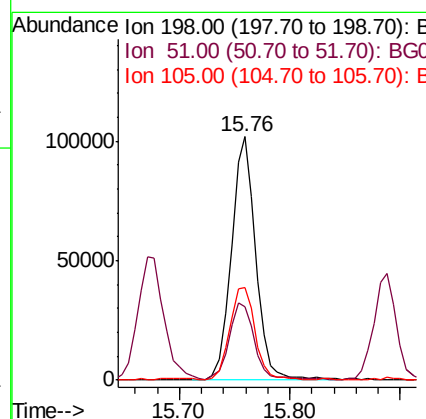
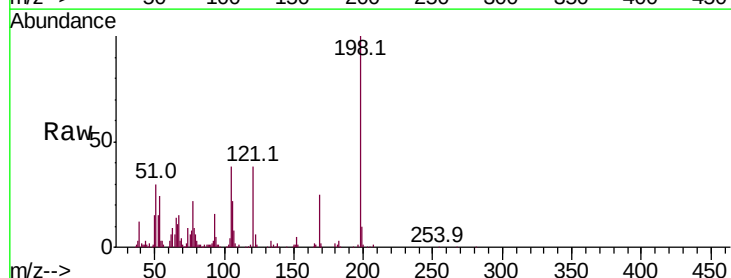
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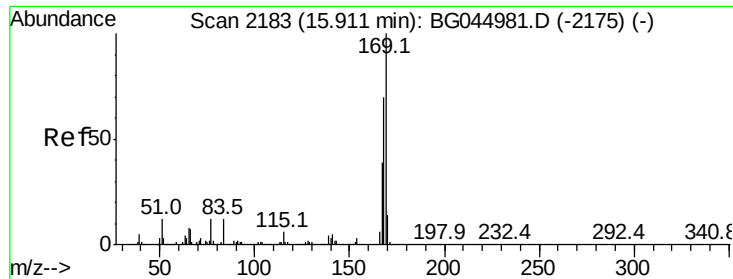
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#65
4,6-Dinitro-2-methylphenol
Concen: 50.197 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	157087		
51	30.4		10.0	50.0
105	38.2		18.9	58.9





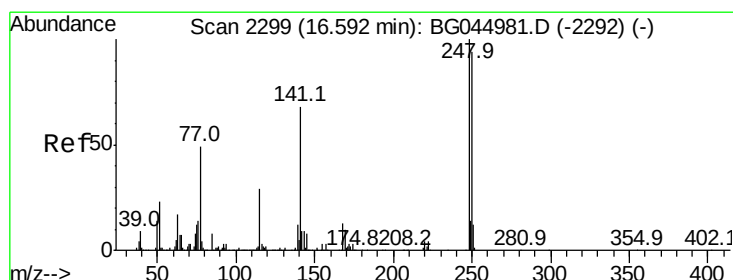
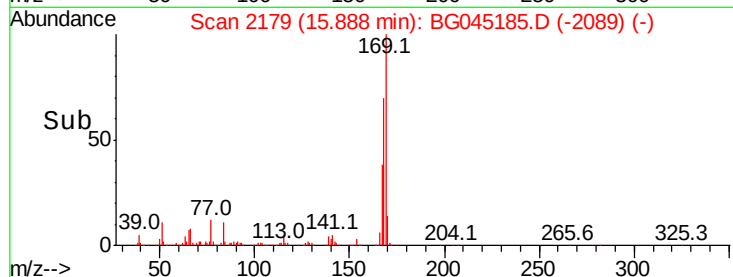
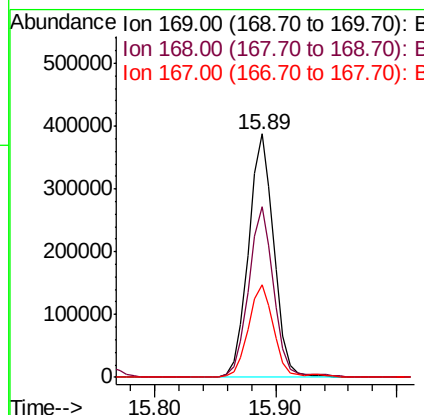
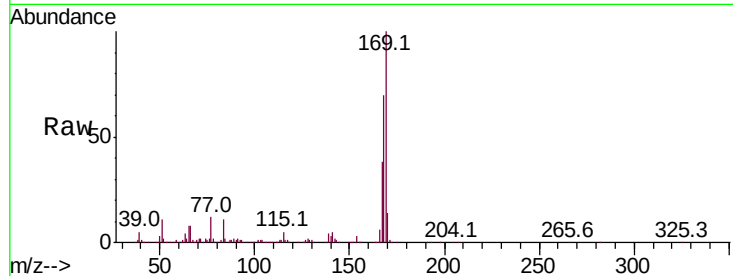
#66
n-Nitrosodiphenylamine
Concen: 41.375 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	565972		
168	70.3		55.8	83.8
167	38.1		30.8	46.2

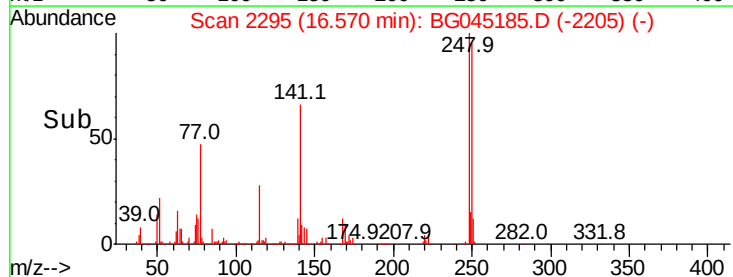
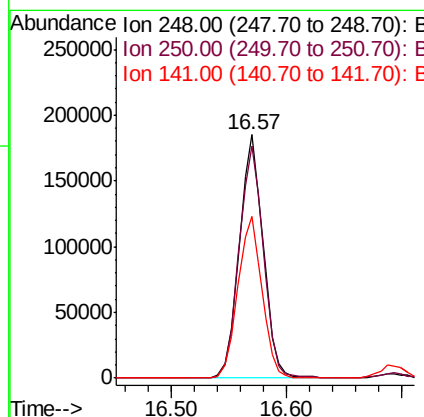
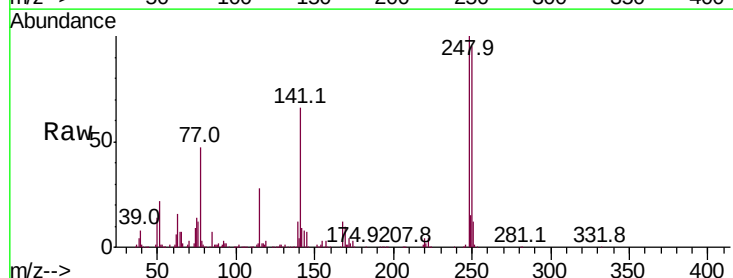
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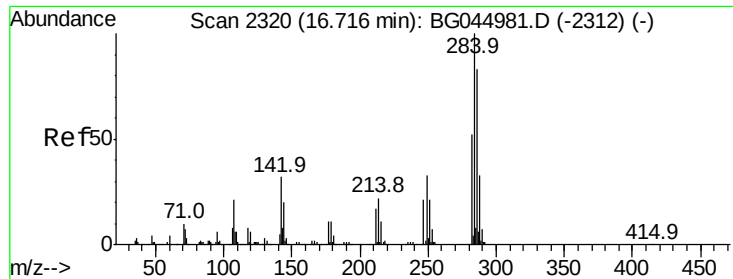
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#67
4-Bromophenyl-phenylether
Concen: 43.071 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	264544		
250	95.2		75.4	113.2
141	66.3		54.4	81.6





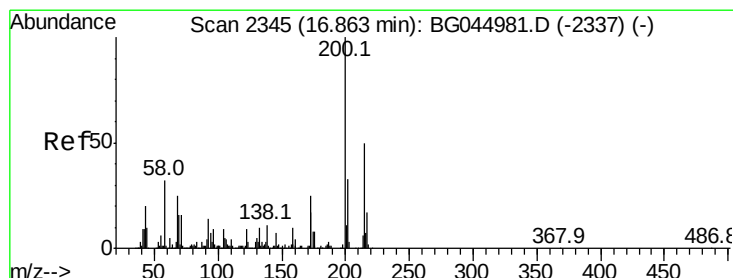
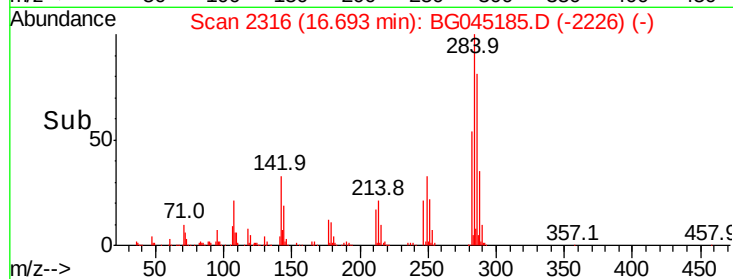
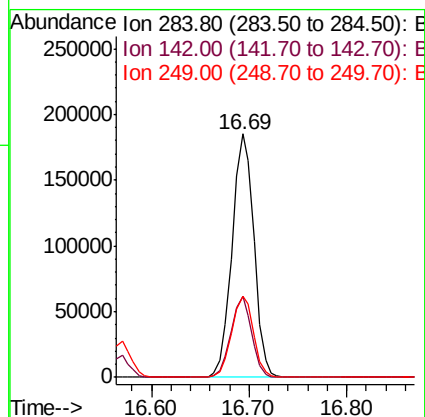
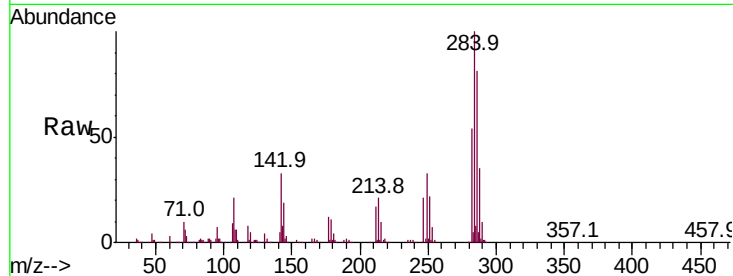
#68
Hexachlorobenzene
Concen: 44.975 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion:	284	Resp:	286491
Ion Ratio	Lower	Upper	
284	100		
142	33.1	25.8	38.6
249	33.3	26.6	39.8

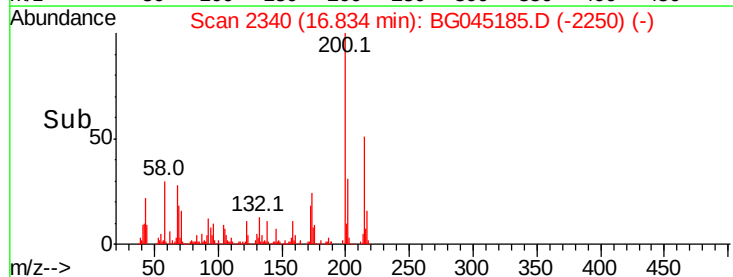
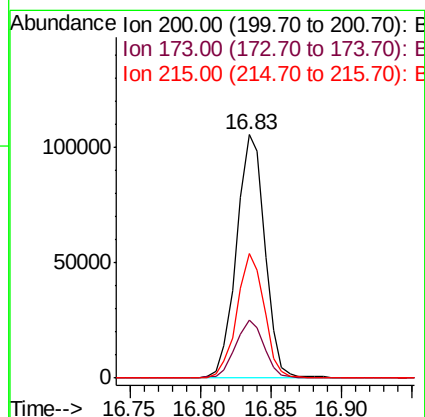
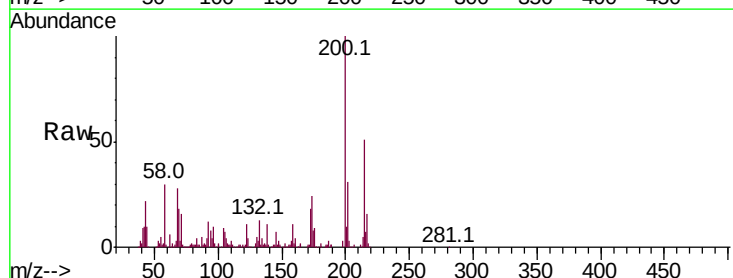
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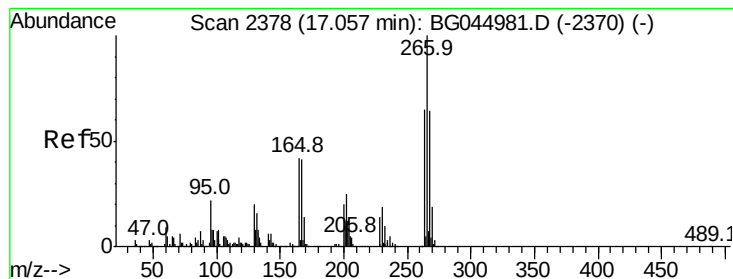
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#69
Atrazine
Concen: 27.952 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion:	200	Resp:	148493
Ion Ratio	Lower	Upper	
200	100		
173	23.7	4.5	44.5
215	51.4	30.0	70.0





#70

Pentachlorophenol

Concen: 92.385 ng

RT: 17.03 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

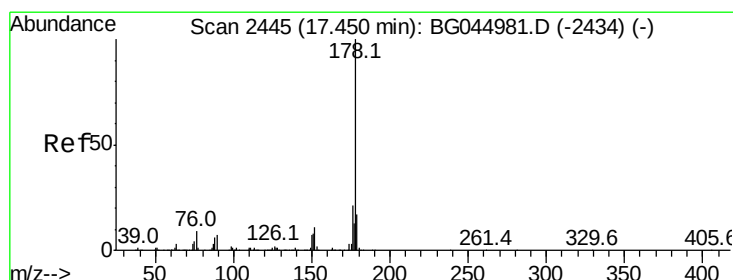
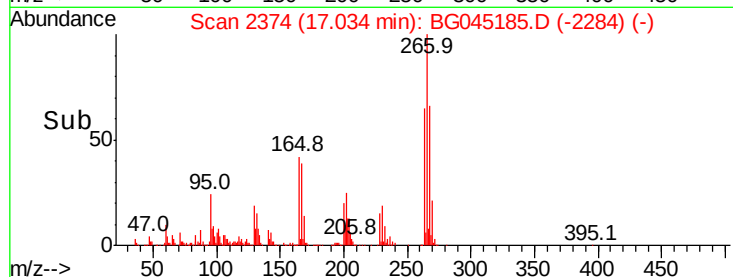
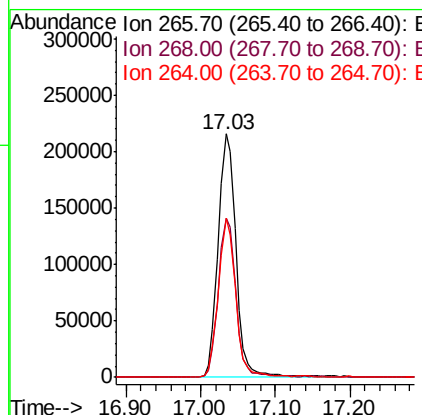
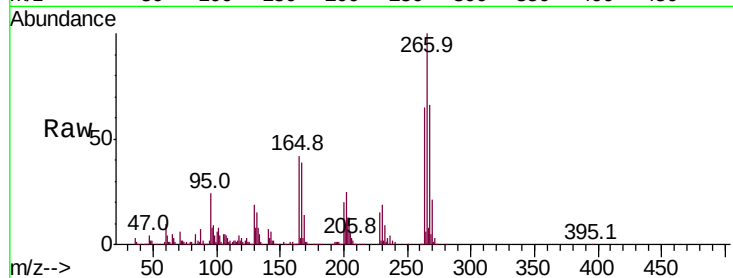
ClientSampleId :

TP-19AMS

Tot Ion:	266	Resp:	361018
Ion Ratio	Lower	Upper	
266	100		
268	65.6	51.5	77.3
264	65.3	52.2	78.4

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#71

Phenanthrene

Concen: 46.424 ng

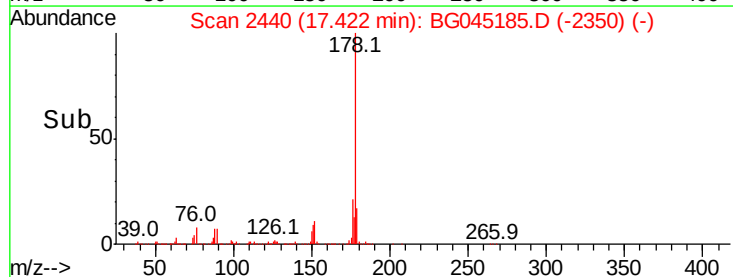
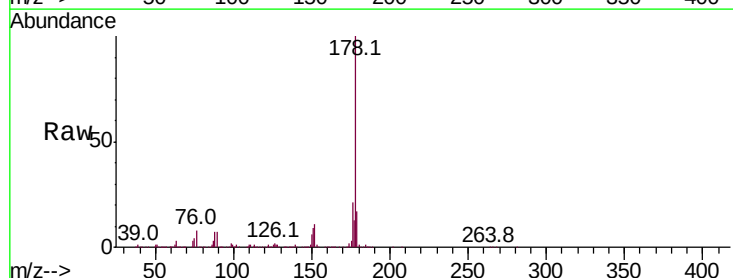
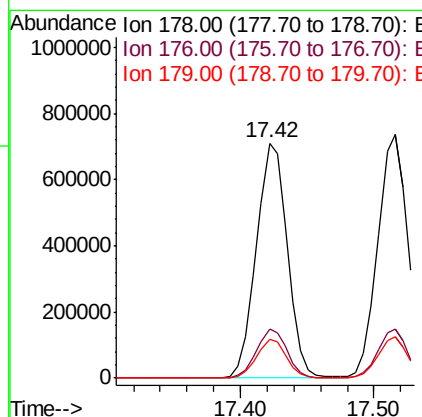
RT: 17.42 min Scan# 2440

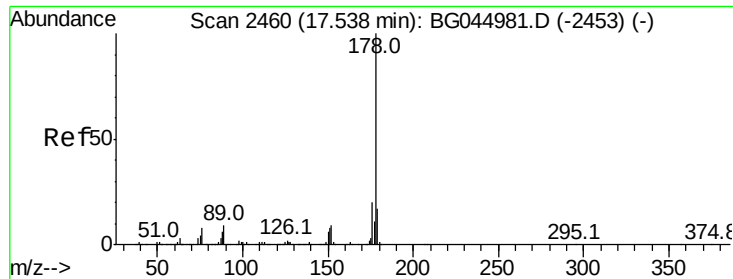
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	178	Resp:	1135784
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.8	25.2
179	16.7	13.2	19.8





#72

Anthracene

Concen: 47.412 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

Tot Ion:178 Resp: 1163546

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

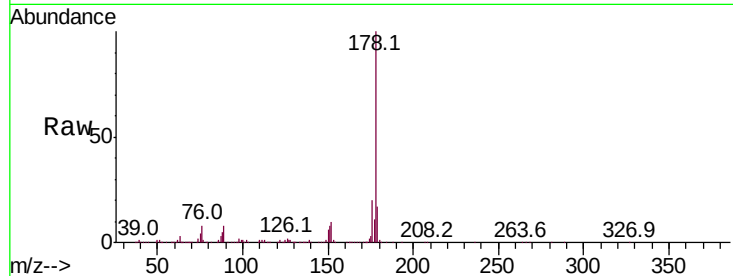
179 17.2 13.6 20.4

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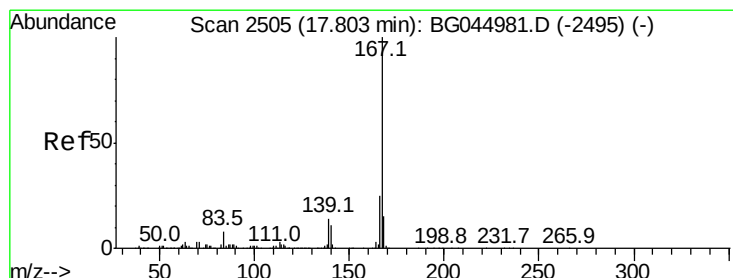
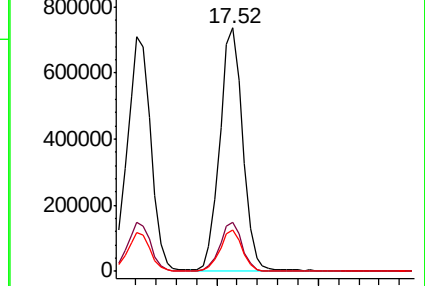
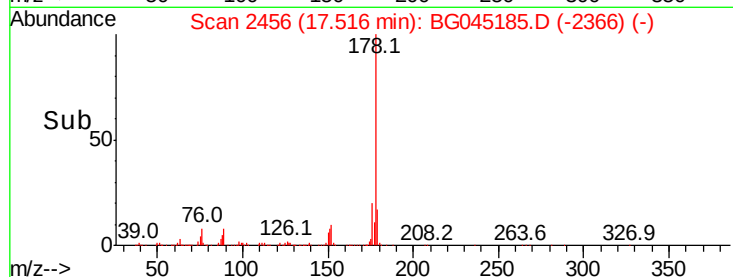


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.52



#73

Carbazole

Concen: 41.002 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

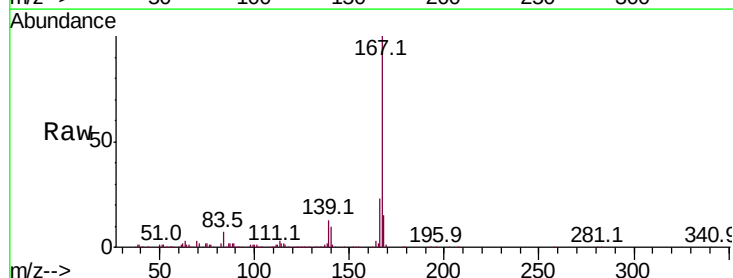
Tgt Ion:167 Resp: 1021134

Ion Ratio Lower Upper

167 100

166 23.4 19.8 29.6

139 12.5 10.9 16.3

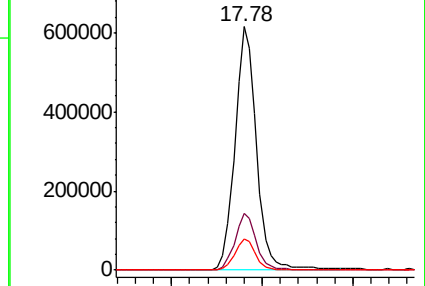
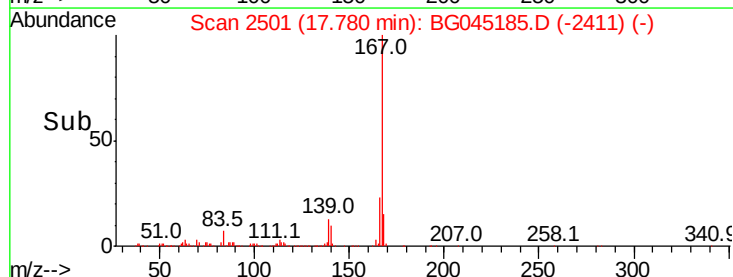


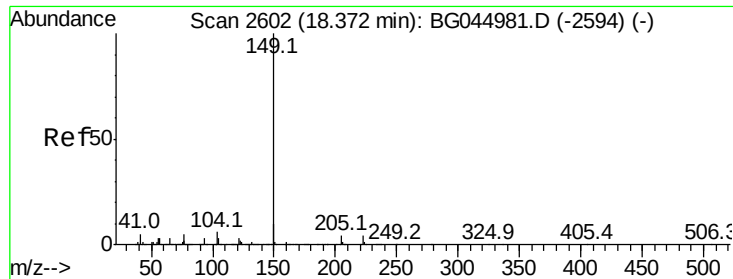
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.78





#74

Di-n-butylphthalate

Concen: 49.156 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

ClientSampleId :

TP-19AMS

Tot Ion:149 Resp: 1317409

Ion Ratio Lower Upper

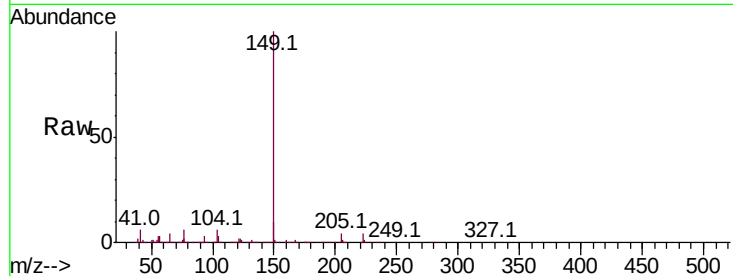
149 100

150 10.0 8.2 12.2

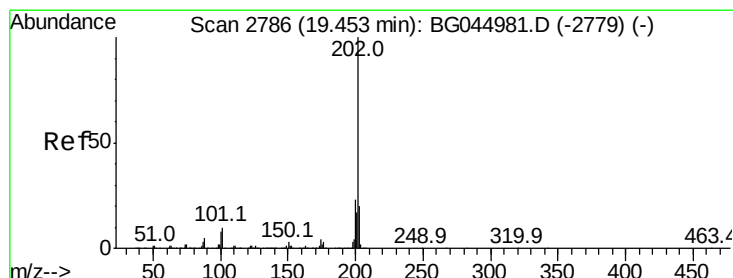
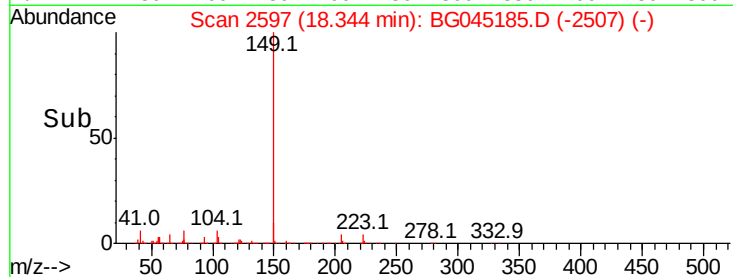
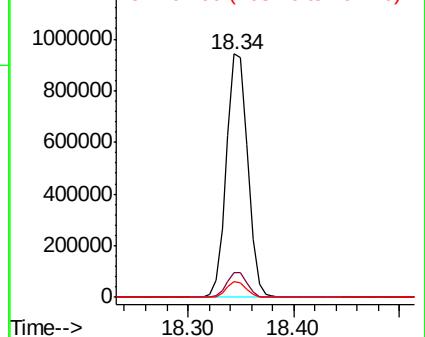
104 6.4 4.8 7.2

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



#75

Fluoranthene

Concen: 51.326 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

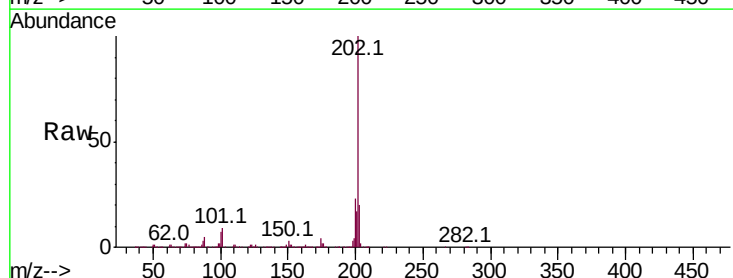
Tgt Ion:202 Resp: 1451006

Ion Ratio Lower Upper

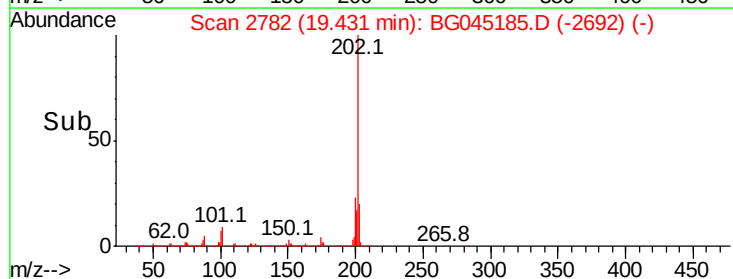
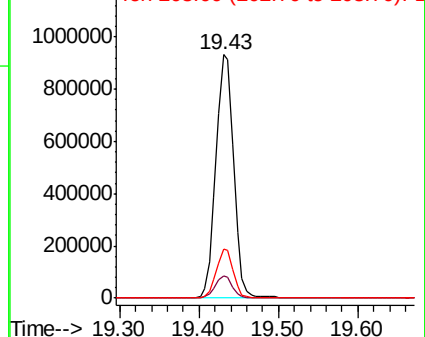
202 100

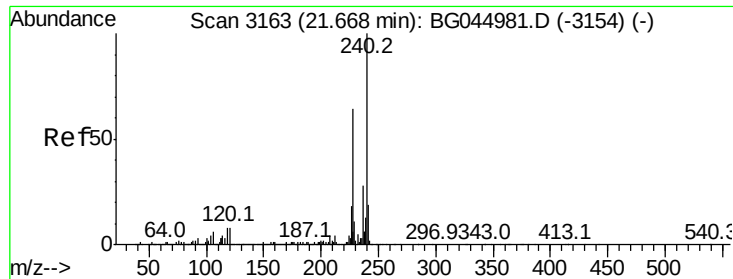
101 9.1 0.0 29.6

203 20.2 0.0 39.7



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

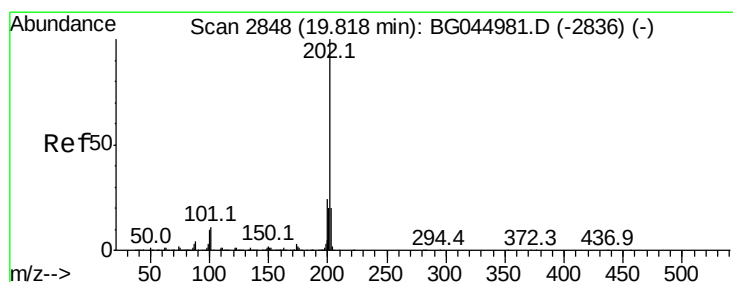
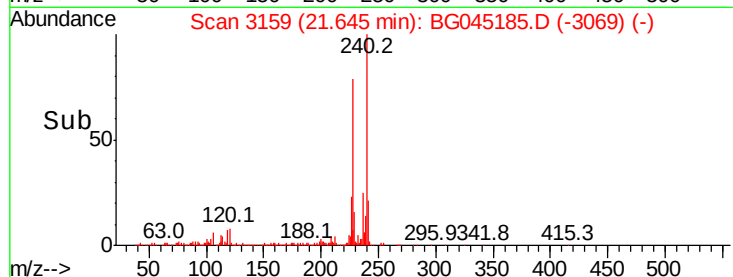
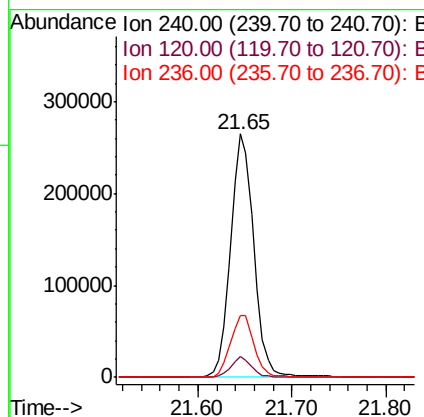
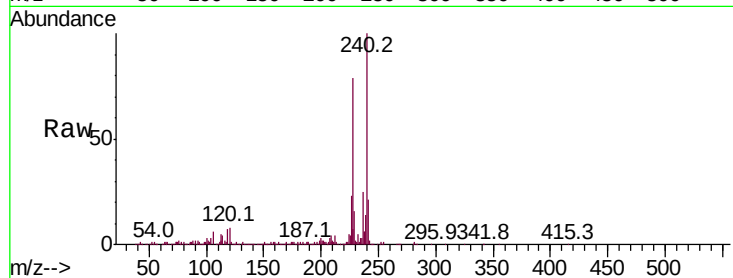
ClientSampleId :

TP-19AMS

Tot Ion:	240	Resp:	452791
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.6	10.0
236	25.3	22.2	33.2

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#78

Pyrene

Concen: 45.956 ng

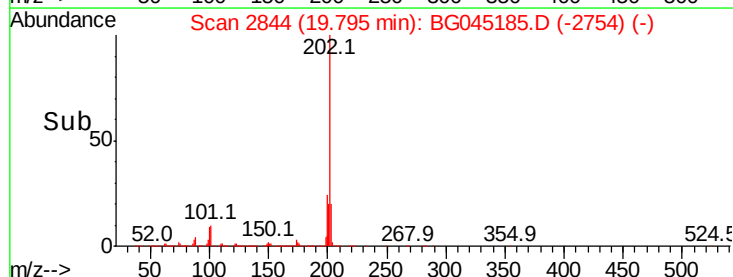
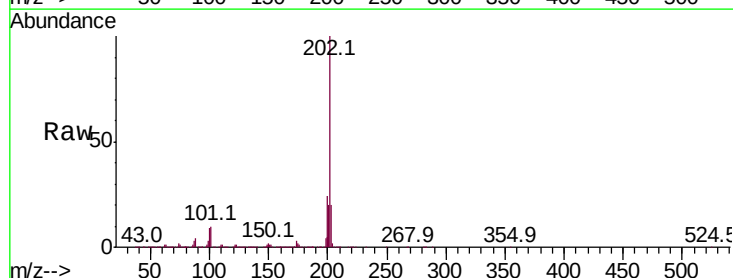
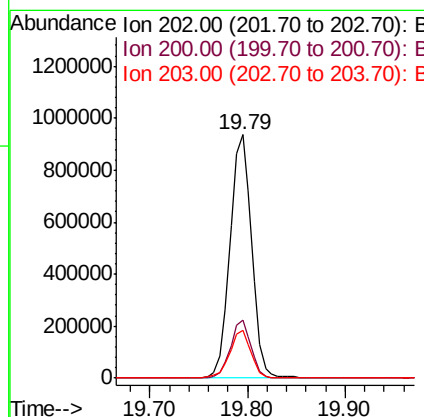
RT: 19.79 min Scan# 2844

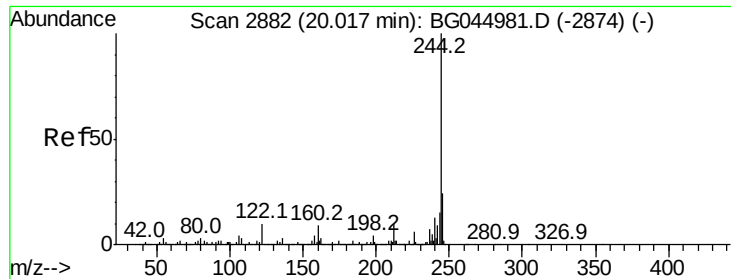
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	202	Resp:	1434529
Ion Ratio	Lower	Upper	
202	100		
200	24.0	19.0	28.6
203	19.7	16.1	24.1





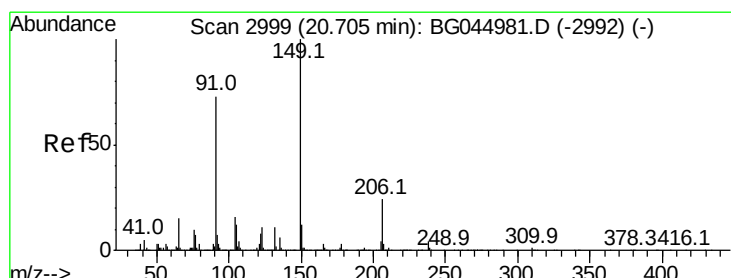
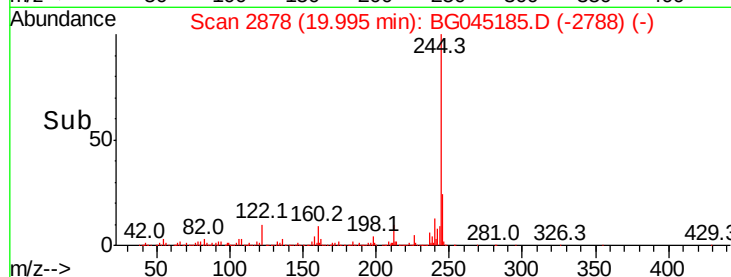
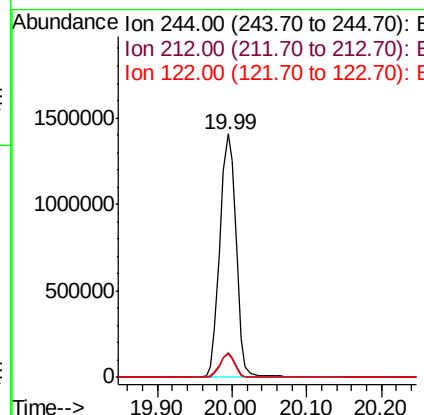
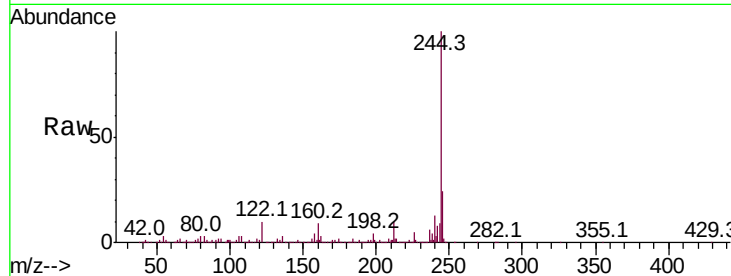
#79
 Terphenyl-d14
 Concen: 102.561 ng
 RT: 19.99 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.9	11.9
122	9.7	7.7	11.5

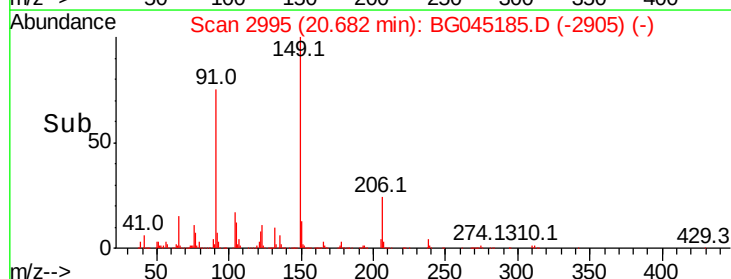
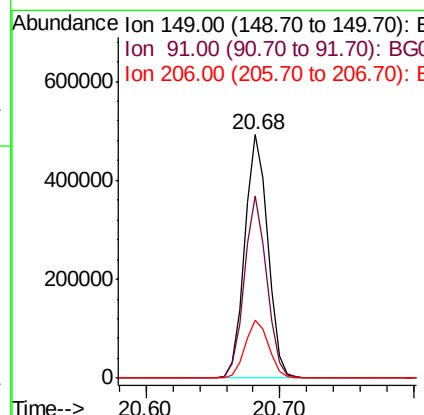
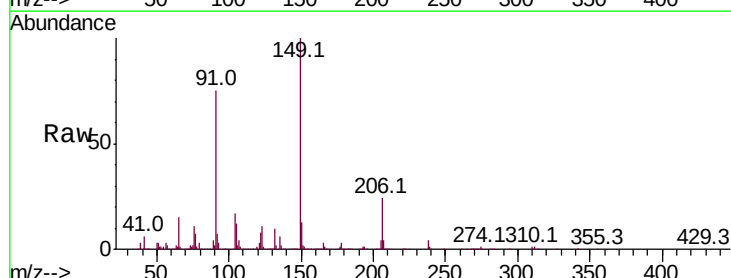
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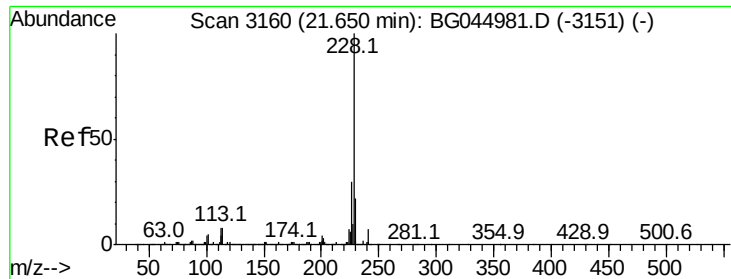
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.481 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	58.5	87.7
206	24.0	19.2	28.8





#81

Benzo(a)anthracene

Concen: 46.043 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

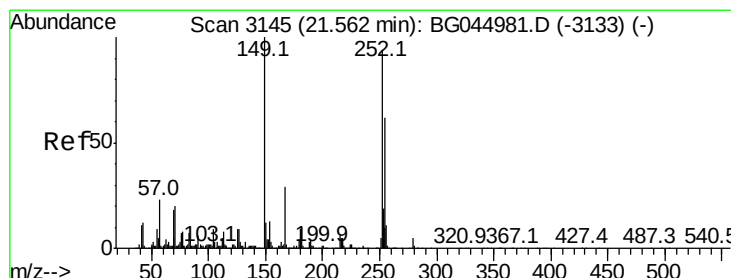
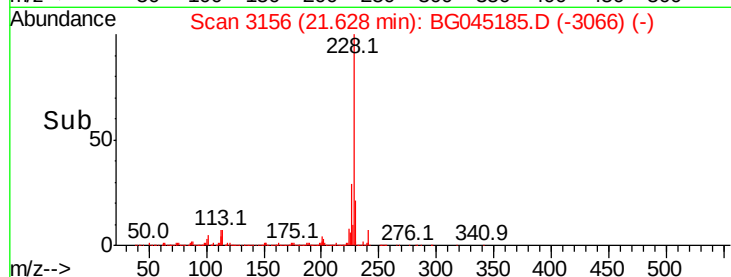
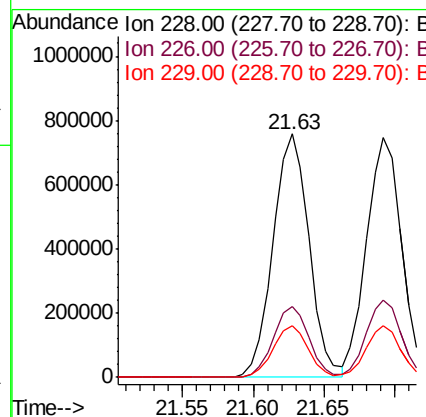
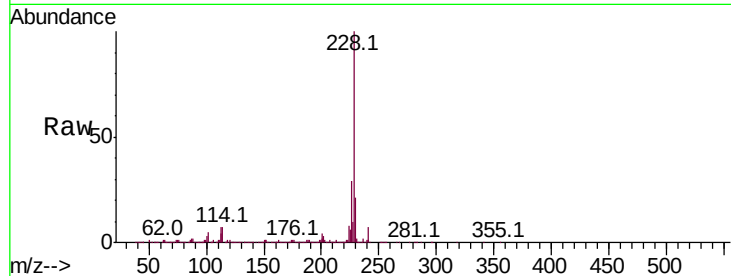
ClientSampleId :

TP-19AMS

Tot Ion:	228	Resp:	1351242
Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.4	17.5	26.3

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#82

3,3'-Dichlorobenzidine

Concen: 7.501 ng

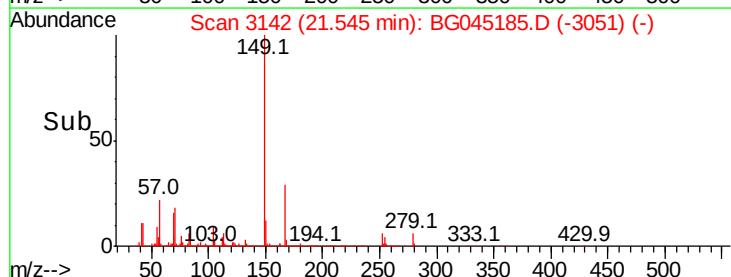
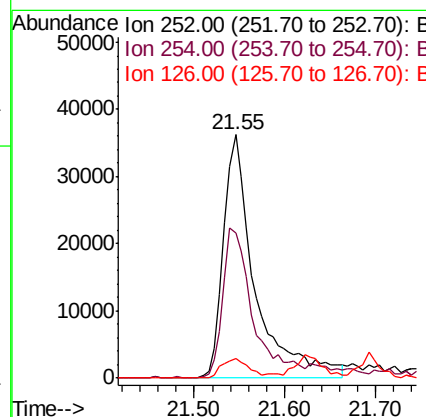
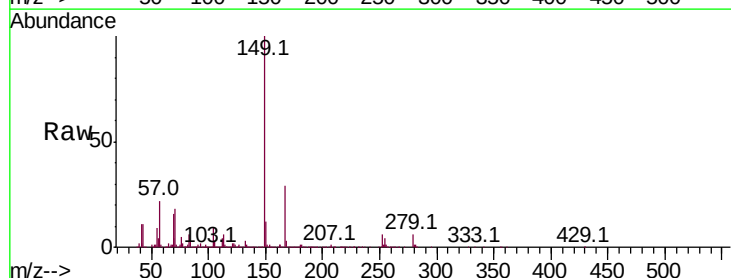
RT: 21.55 min Scan# 3142

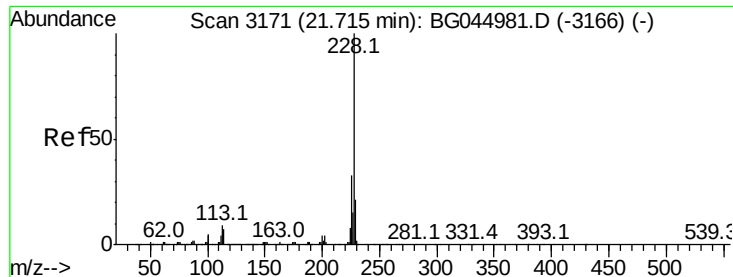
Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	252	Resp:	87617
Ion	Ratio	Lower	Upper
252	100		
254	59.4	52.6	79.0
126	8.0	7.5	11.3





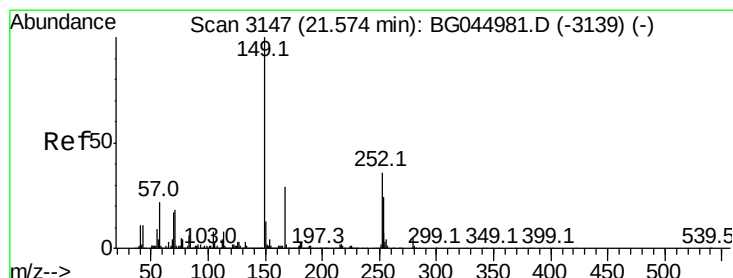
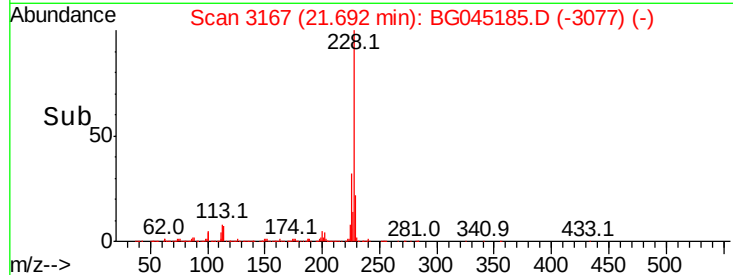
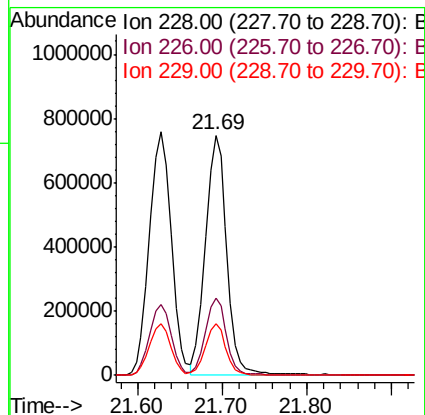
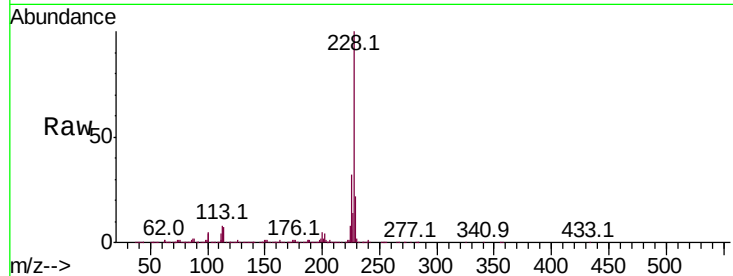
#83
 Chrysene
 Concen: 46.571 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion:	228	Resp:	1313175
Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.2	39.4
229	21.7	17.0	25.6

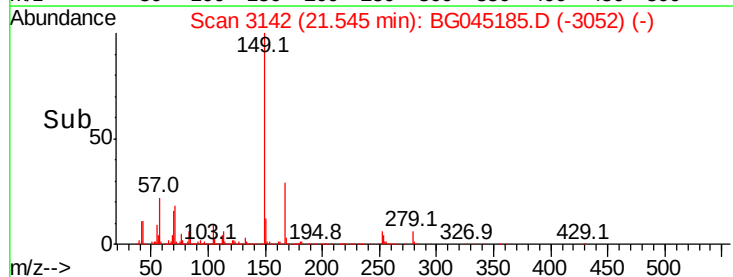
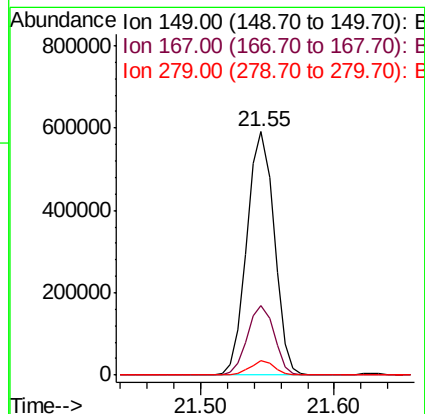
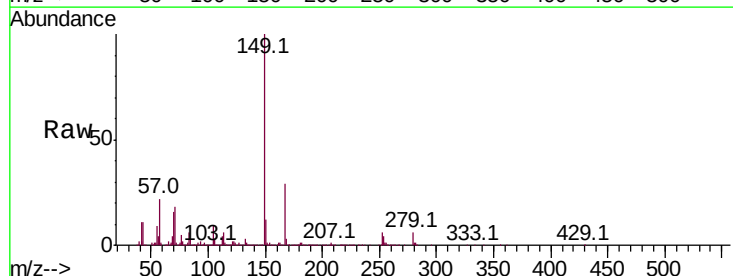
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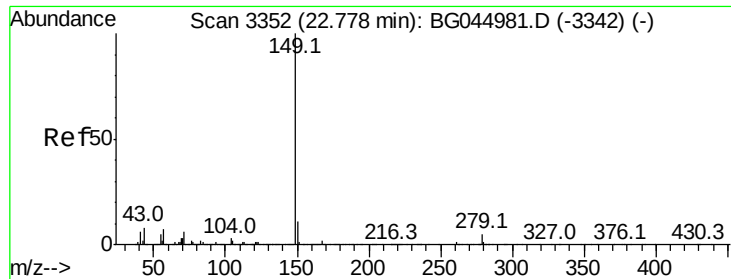
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.887 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG045185.D
 Acq: 28 Apr 2020 14:35

Tgt Ion:	149	Resp:	834400
Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	5.7	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 45.688 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

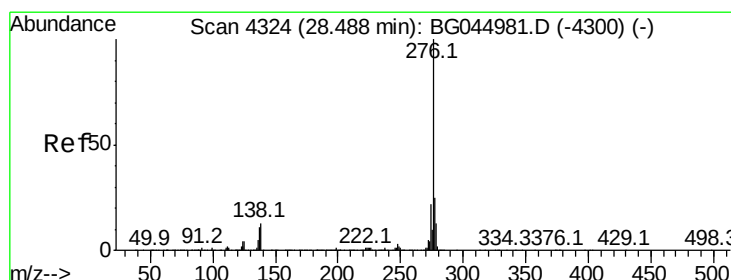
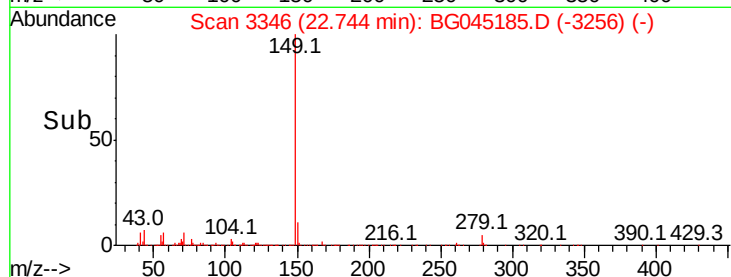
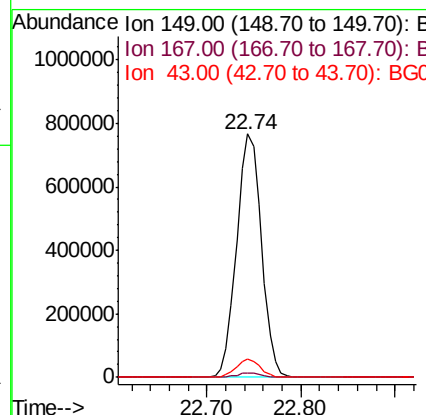
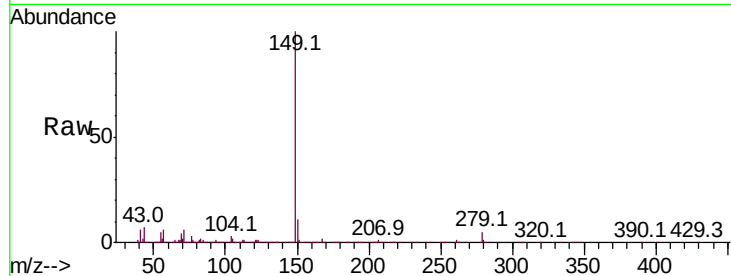
ClientSampleId :

TP-19AMS

Tot Ion:	149	Resp:	1405977
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.1	5.7	8.5

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.745 ng

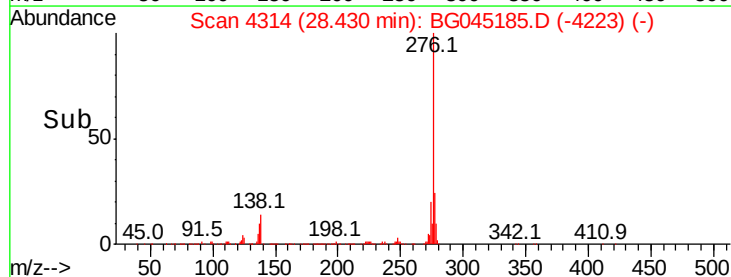
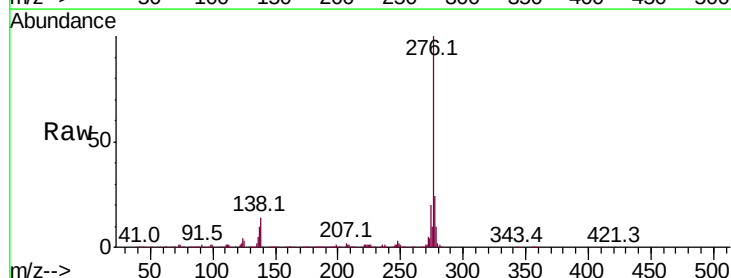
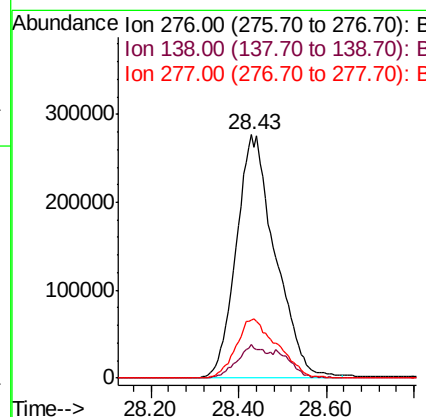
RT: 28.43 min Scan# 4314

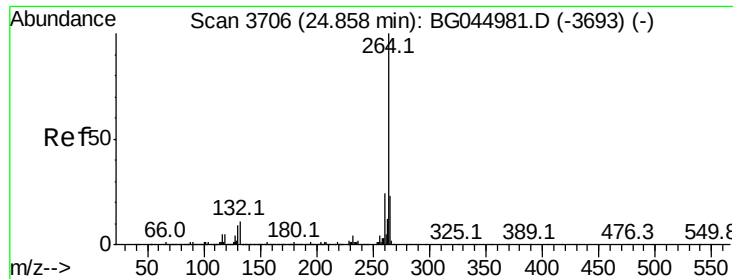
Delta R.T. 0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	276	Resp:	1675142
Ion	Ratio	Lower	Upper
276	100		
138	9.5	9.6	14.4#
277	25.8	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Instrument :

BNA_G

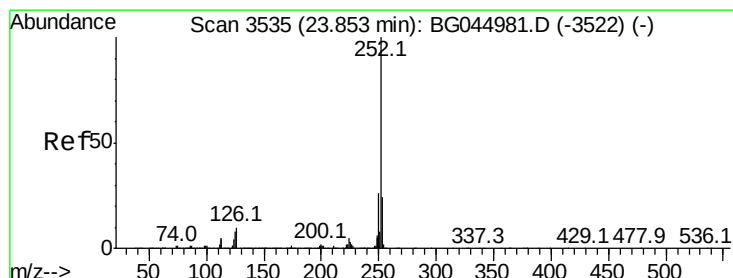
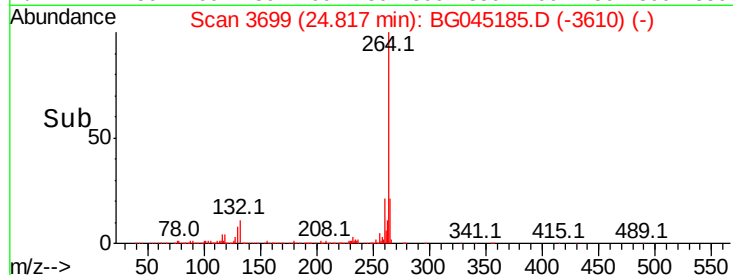
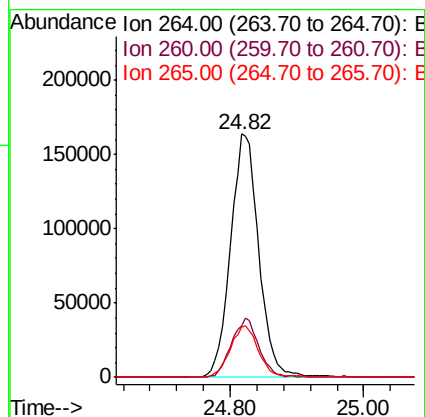
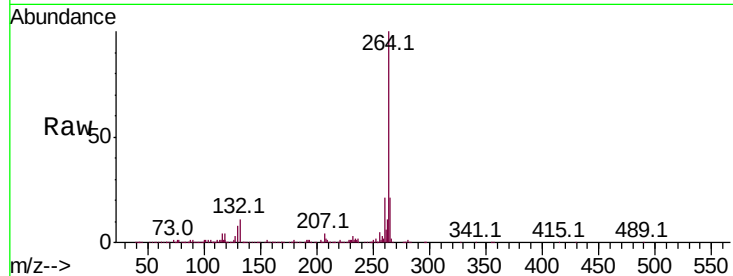
ClientSampleId :

TP-19AMS

Tot Ion:	264	Resp:	484153
Ion Ratio	Lower	Upper	
264	100		
260	21.4	19.2	28.8
265	20.6	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 48.567 ng

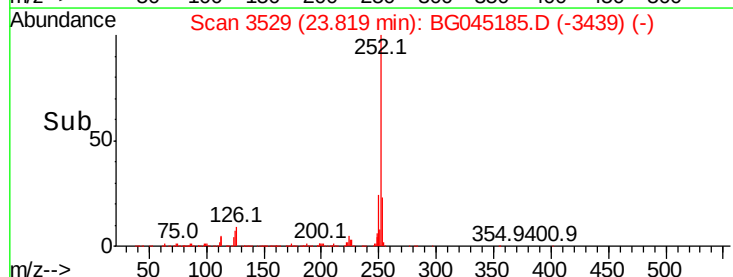
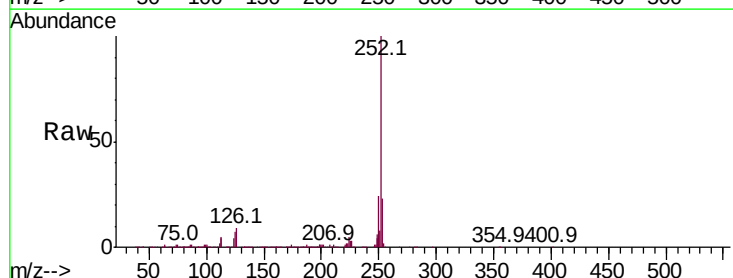
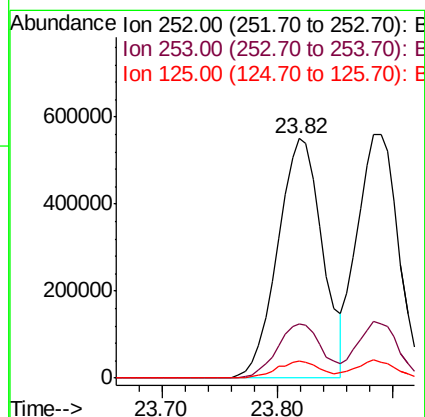
RT: 23.82 min Scan# 3529

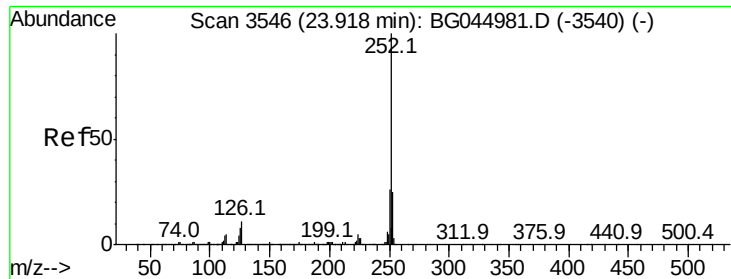
Delta R.T. -0.00 min

Lab File: BG045185.D

Acq: 28 Apr 2020 14:35

Tgt Ion:	252	Resp:	1472898
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.8	28.2
125	7.0	6.2	9.4





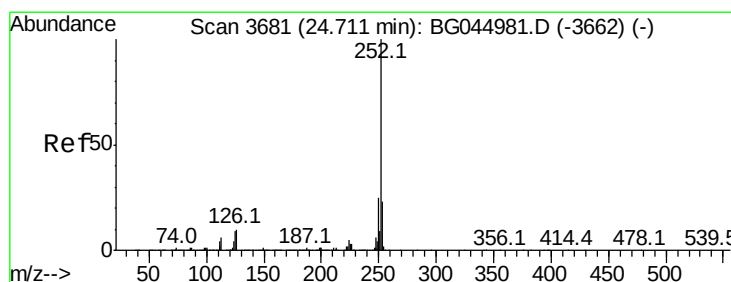
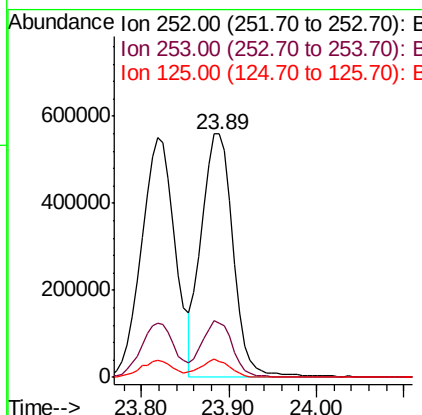
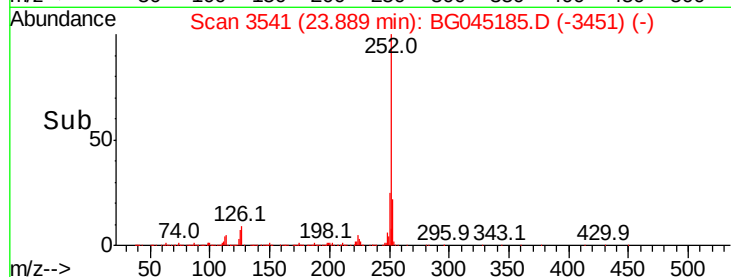
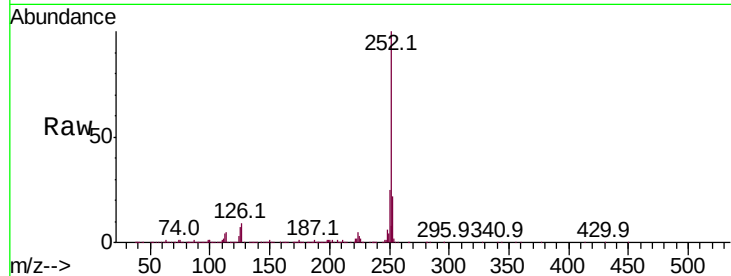
#89
Benzo(k)fluoranthene
Concen: 48.781 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	6.7	5.9	8.9

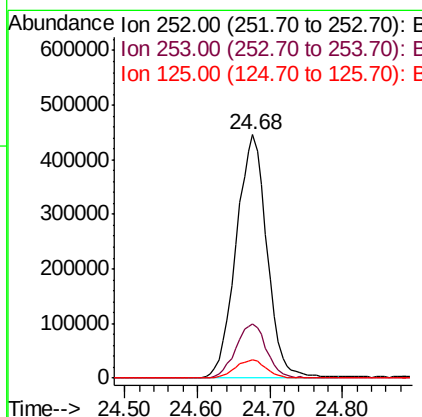
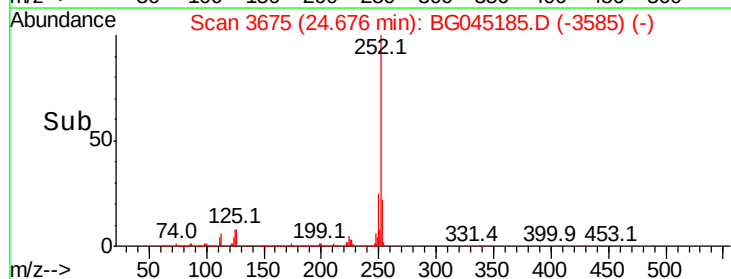
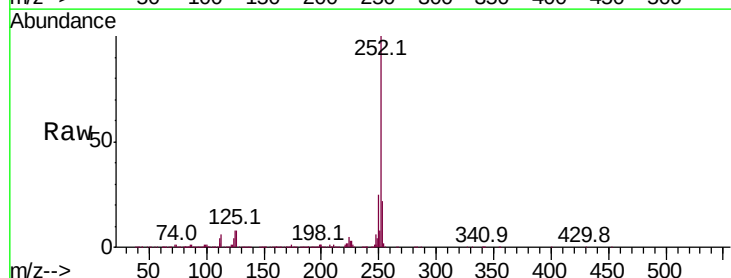
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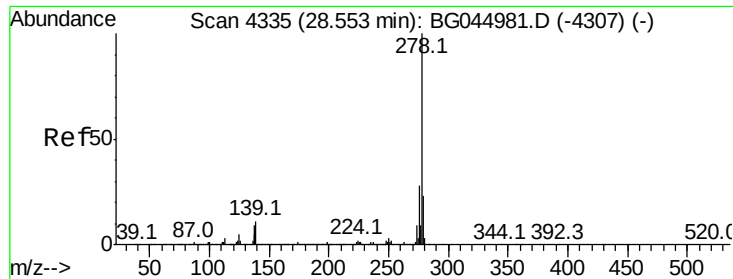
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#90
Benzo(a)pyrene
Concen: 45.823 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	7.7	7.0	10.6





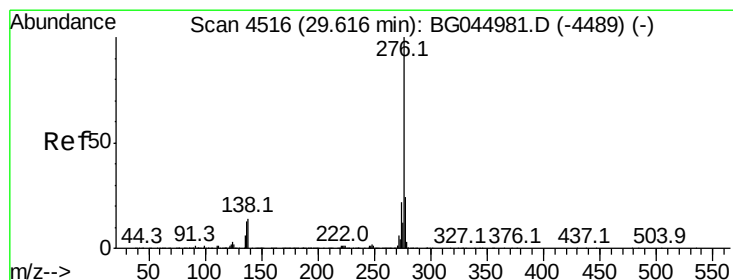
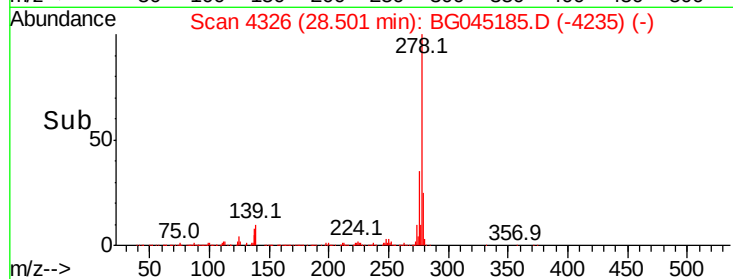
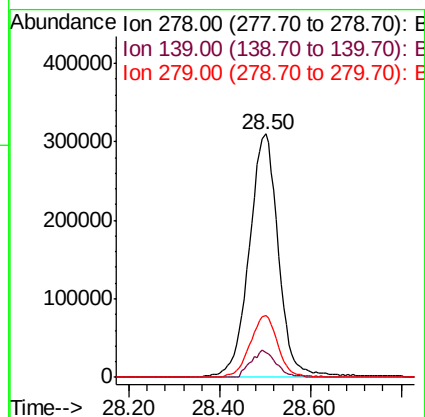
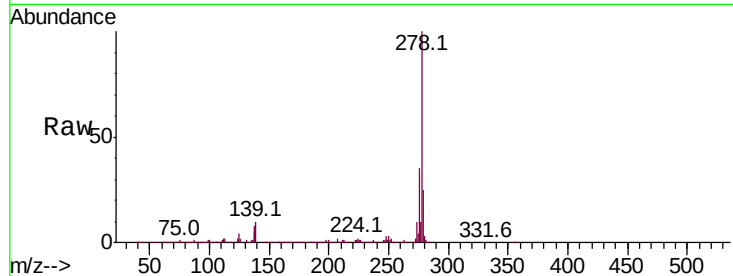
#91
Dibenzo(a,h)anthracene
Concen: 47.798 ng
RT: 28.50 min Scan# 4326
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.0	13.6
279	25.1	18.4	27.6

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#92
Benzo(g,h,i)perylene
Concen: 44.928 ng
RT: 29.56 min Scan# 4507
Delta R.T. 0.01 min
Lab File: BG045185.D
Acq: 28 Apr 2020 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	12.8	11.4	17.2

