

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046572.D
 Acq On : 9 Sep 2020 14:28
 Operator : CG/JU
 Sample : PB131497BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Manual Integrations
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mohammad
 9/10/2020 10:35:54 AM

Quant Time: Sep 09 15:08:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73708	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	307959	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	209538	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	491133	20.00	ng	0.00
76) Chrysene-d12	21.55	240	473106	20.00	ng	0.00
86) Perylene-d12	24.65	264	478774	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	444514	106.82	ng	0.00
7) Phenol-d6	7.11	99	583048	98.83	ng	0.00
23) Nitrobenzene-d5	9.09	82	376313	69.84	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	269732	95.01	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1004029	73.15	ng	0.00
79) Terphenyl-d14	19.91	244	1502700	67.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	82877	47.869	ng	98
3) Pyridine	3.81	79	120209	23.730	ng	98
4) n-Nitrosodimethylamine	3.72	42	70804	37.898	ng	94
6) Aniline	7.25	93	246472	37.128	ng	99
8) 2-Chlorophenol	7.49	128	192752	43.824	ng	99
9) Benzaldehyde	7.06	77	123526	37.373	ng	97
10) Phenol	7.13	94	237862	43.776	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	172400	39.473	ng	100
12) 1,3-Dichlorobenzene	7.82	146	204446	36.612	ng	99
13) 1,4-Dichlorobenzene	7.96	146	207082	37.042	ng	98
14) 1,2-Dichlorobenzene	8.28	146	206162	38.460	ng	99
15) Benzyl Alcohol	8.16	79	165365	43.661	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	268729	39.667	ng	99
17) 2-Methylphenol	8.37	107	169321	43.940	ng	100
18) Hexachloroethane	9.01	117	69906	36.879	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	145171	41.139	ng	99
20) 3+4-Methylphenols	8.70	107	233900	43.976	ng	99
22) Acetophenone	8.74	105	278140	37.103	ng	98
24) Nitrobenzene	9.13	77	207441	38.970	ng	96
25) Isophorone	9.65	82	402753	40.771	ng	99
26) 2-Nitrophenol	9.84	139	114443	40.748	ng	# 94
27) 2,4-Dimethylphenol	9.90	122	185251	47.957	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	245581	38.624	ng	98
29) 2,4-Dichlorophenol	10.38	162	216926	42.126	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	223730	36.618	ng	99
31) Naphthalene	10.78	128	579321	38.528	ng	100
32) Benzoic acid	10.06	122	79656	32.056	ng	99
33) 4-Chloroaniline	10.88	127	194293	29.303	ng	98
34) Hexachlorobutadiene	11.07	225	142696	35.977	ng	99
35) Caprolactam	11.65	113	71009m	36.890	ng	
36) 4-Chloro-3-methylphenol	12.01	107	213128	42.317	ng	94
37) 2-Methylnaphthalene	12.38	142	469568	39.596	ng	100
38) 1-Methylnaphthalene	12.60	142	444860	39.602	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	277497	40.160	ng	99

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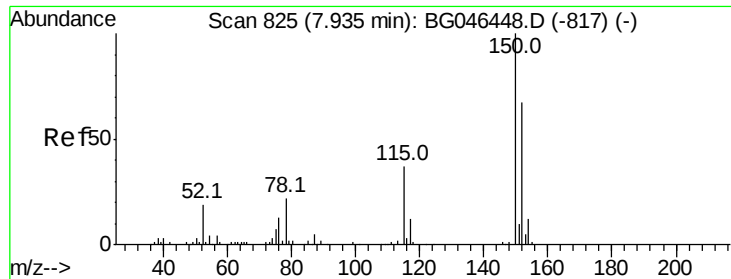
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	312015	103.848	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	190315	40.814	nq	98
44) 2,4,5-Trichlorophenol	13.07	196	205728	41.992	nq	98
46) 1,1'-Biphenyl	13.39	154	613542	42.085	nq	100
47) 2-Chloronaphthalene	13.43	162	474683	38.403	nq	99
48) 2-Nitroaniline	13.63	65	134245	39.113	nq	99
49) Acenaphthylene	14.28	152	772003	41.174	nq	99
50) Dimethylphthalate	14.02	163	627867	38.731	nq	100
51) 2,6-Dinitrotoluene	14.13	165	145219	40.639	nq	98
52) Acenaphthene	14.62	154	456629	39.300	nq	99
53) 3-Nitroaniline	14.46	138	114822	29.664	nq	99
54) 2,4-Dinitrophenol	14.67	184	154783	74.206	nq	97
55) Dibenzofuran	14.96	168	743817	39.890	nq	99
56) 4-Nitrophenol	14.78	139	223980	78.625	nq	97
57) 2,4-Dinitrotoluene	14.92	165	202147	39.673	nq	98
58) Fluorene	15.61	166	612862	39.160	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	195932	41.184	nq	98
60) Diethylphthalate	15.38	149	615161	38.921	nq	100
61) 4-Chlorophenyl-phenylether	15.60	204	339589	39.400	nq	97
62) 4-Nitroaniline	15.63	138	143069	35.029	nq	99
63) Azobenzene	15.89	77	521216	40.540	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	123675	44.490	nq	98
66) n-Nitrosodiphenylamine	15.81	169	560170	42.278	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	234984	41.010	nq	99
68) Hexachlorobenzene	16.62	284	245101	38.624	nq	98
69) Atrazine	16.76	200	202614	37.485	nq	100
70) Pentachlorophenol	16.96	266	270104	81.466	nq	99
71) Phenanthrene	17.35	178	989278	39.740	nq	100
72) Anthracene	17.43	178	1023179	41.658	nq	99
73) Carbazole	17.70	167	913572	39.396	nq	100
74) Di-n-butylphthalate	18.27	149	1047303	39.275	nq	100
75) Fluoranthene	19.36	202	1229411	38.376	nq	99
77) Benzidine	19.53	184	594615	54.088	nq	99
78) Pyrene	19.71	202	1216626	40.383	nq	99
80) Butylbenzylphthalate	20.61	149	468717	39.887	nq	100
81) Benzo(a)anthracene	21.53	228	1168705	39.632	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	379349	34.665	nq	98
83) Chrysene	21.59	228	1117150	39.384	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	652019	40.658	nq	100
85) Di-n-octyl phthalate	22.62	149	1132203	41.232	nq	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1407166	40.922	nq	100
88) Benzo(b)fluoranthene	23.67	252	1213108	40.579	nq	98
89) Benzo(k)fluoranthene	23.73	252	1161736	40.209	nq	99
90) Benzo(a)pyrene	24.51	252	1119242	40.118	nq	100
91) Dibenzo(a,h)anthracene	28.22	278	1151602	41.501	nq	98
92) Benzo(g,h,i)perylene	29.26	276	1177440	42.492	nq	98

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



#1

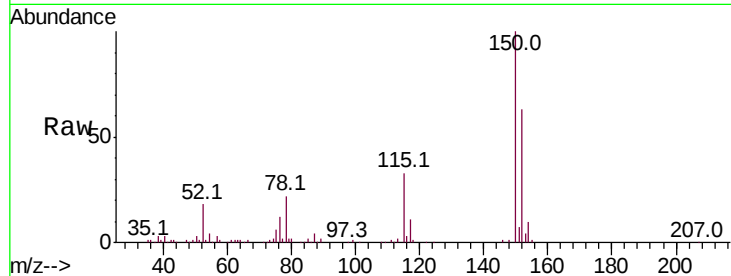
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	119.5	179.3
115	53.0	44.3	66.5

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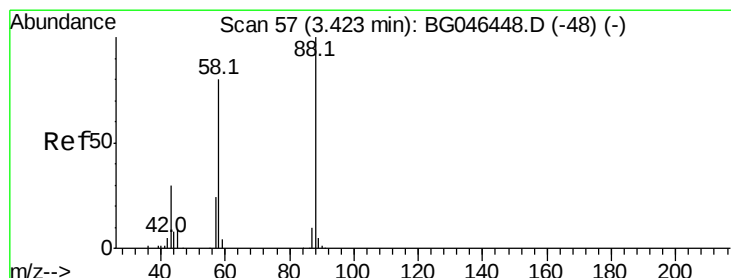
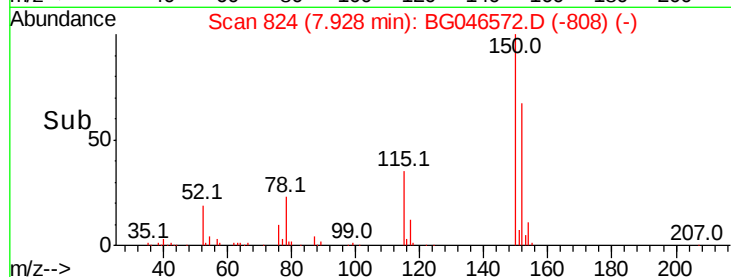
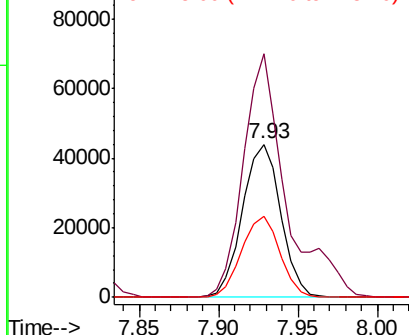


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.869 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

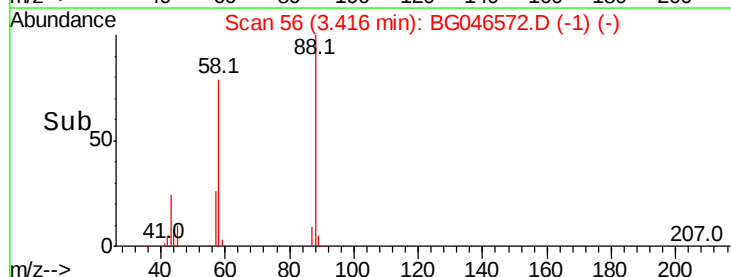
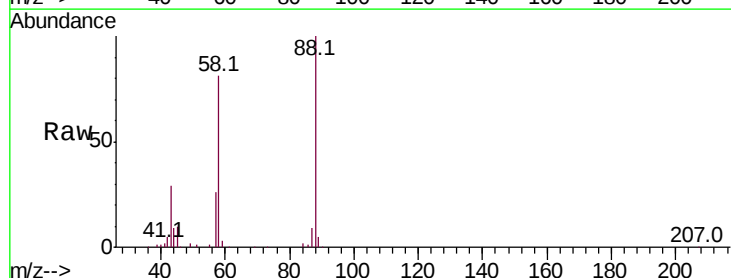
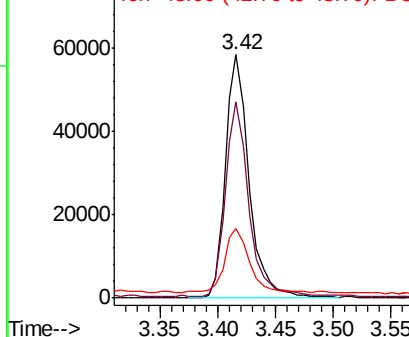
Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	61.4	92.2
43	27.7	21.6	32.4

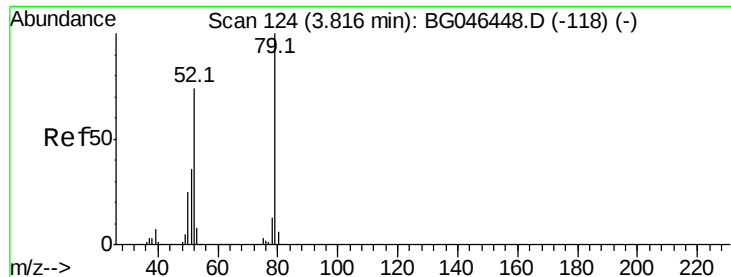
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





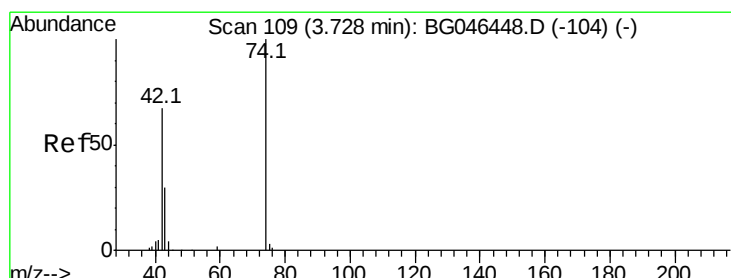
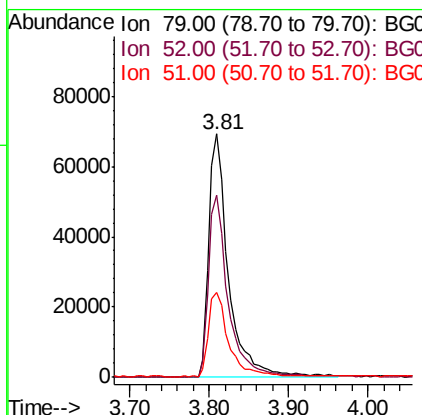
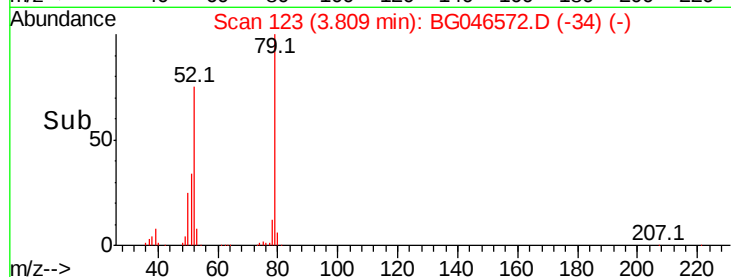
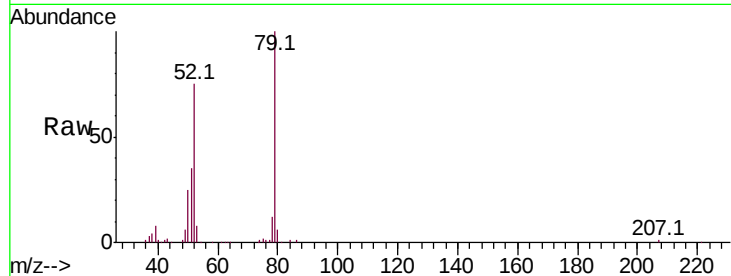
#3
 Pvridine
 Concen: 23.730 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.0	59.1	88.7
51	35.0	29.0	43.6

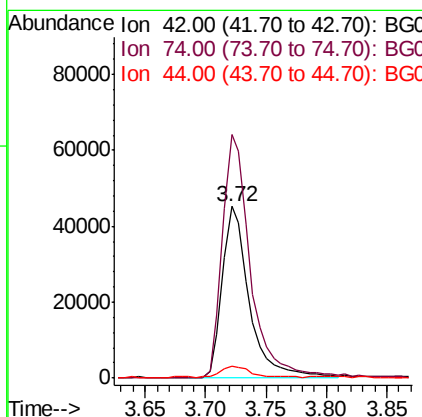
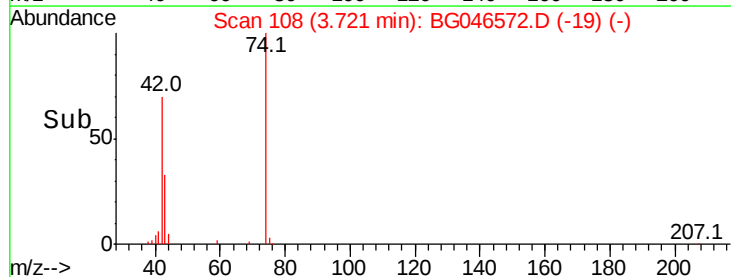
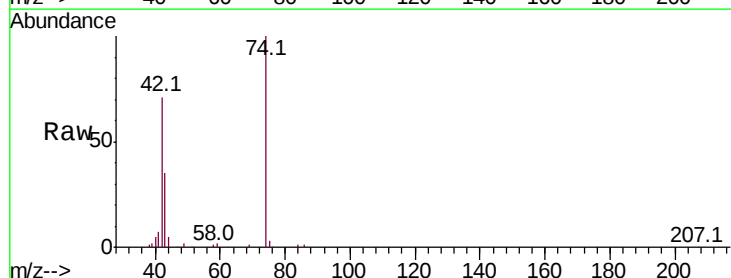
Manual Integrations
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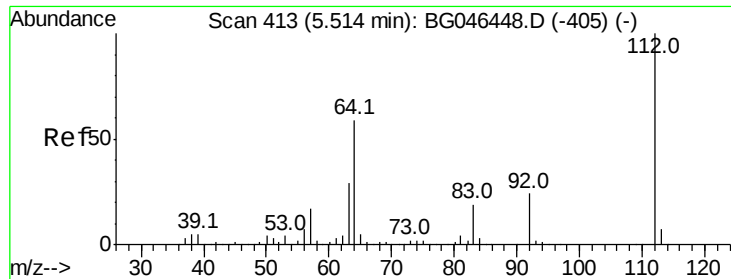
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#4
 n-Nitrosodimethylamine
 Concen: 37.898 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.8	119.5	179.3
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 106.816 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

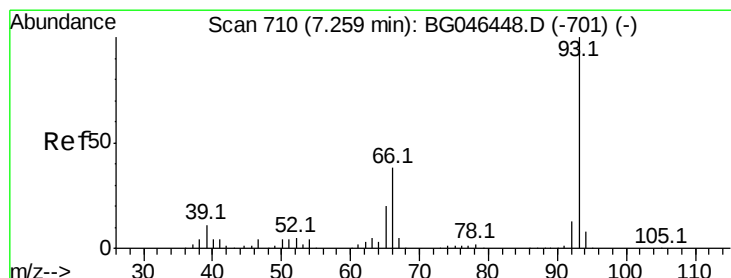
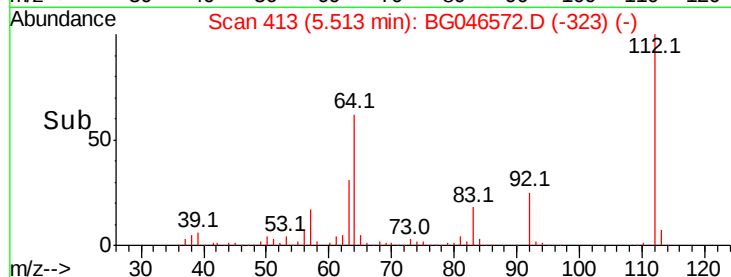
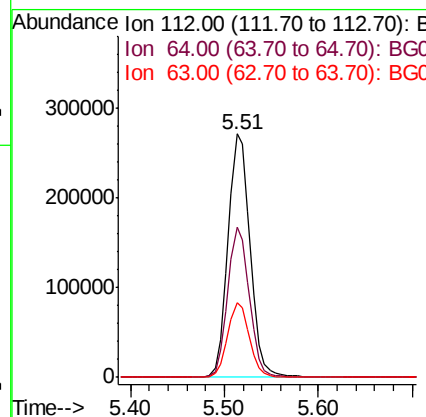
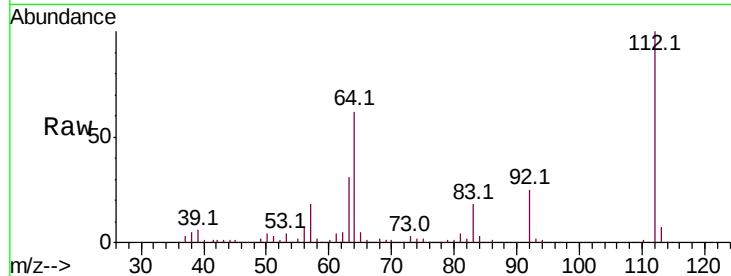
ClientSampleId :

PB131497BS

Tot Ion:	112	Resp:	444514
Ion Ratio	Lower	Upper	
112	100		
64	61.7	47.0	70.6
63	30.6	23.5	35.3

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#6

Aniline

Concen: 37.128 ng

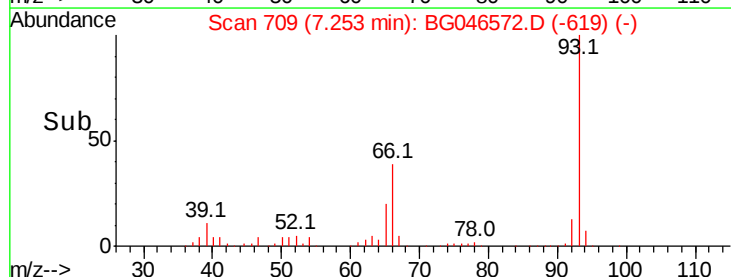
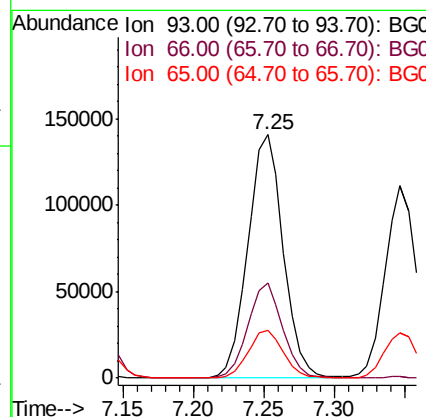
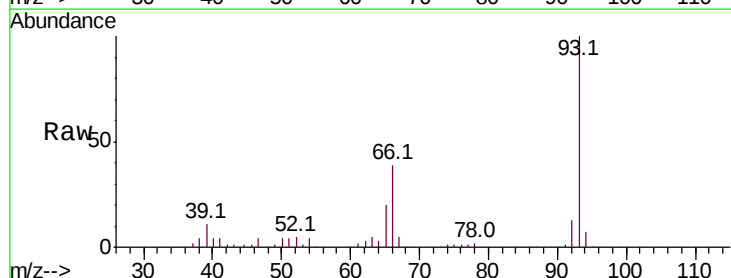
RT: 7.25 min Scan# 709

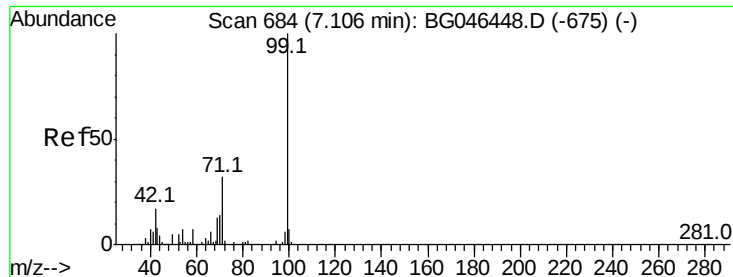
Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:	93	Resp:	246472
Ion Ratio	Lower	Upper	
93	100		
66	38.9	30.4	45.6
65	19.7	15.8	23.6





#7

Phenol-d6

Concen: 98.832 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

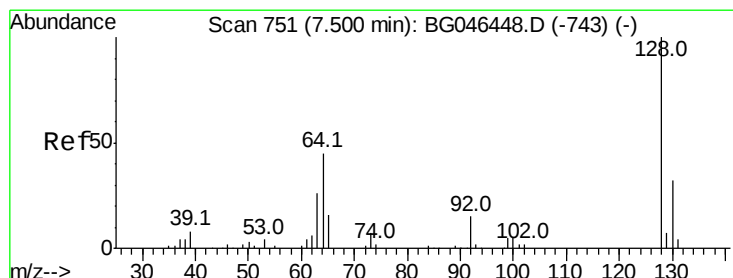
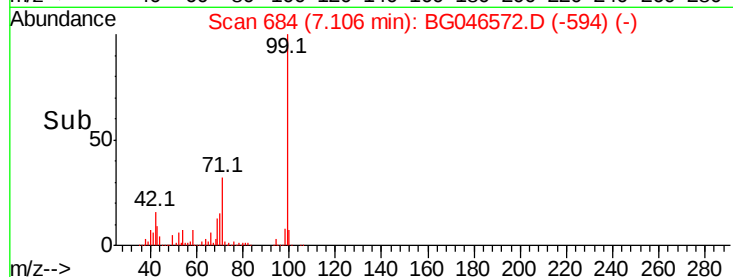
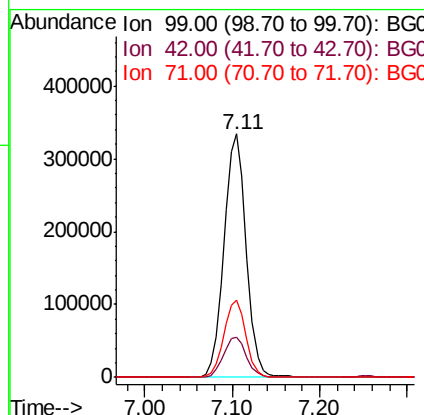
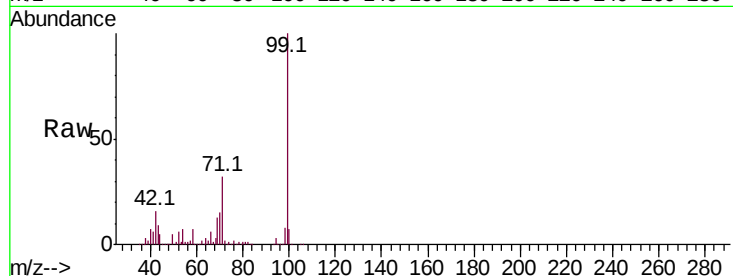
ClientSampleId :

PB131497BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		583048		
42	16.3	13.3	19.9		
71	31.6	25.3	37.9		

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#8

2-Chlorophenol

Concen: 43.824 ng

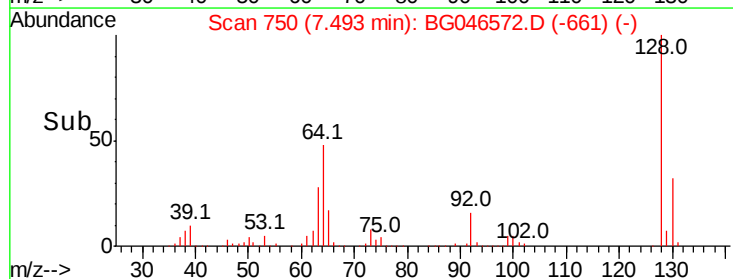
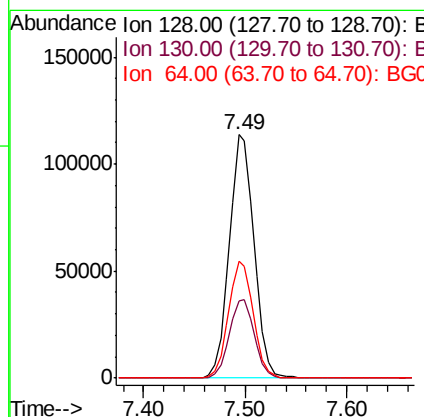
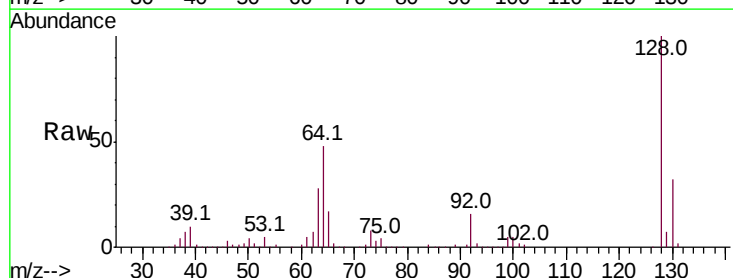
RT: 7.49 min Scan# 750

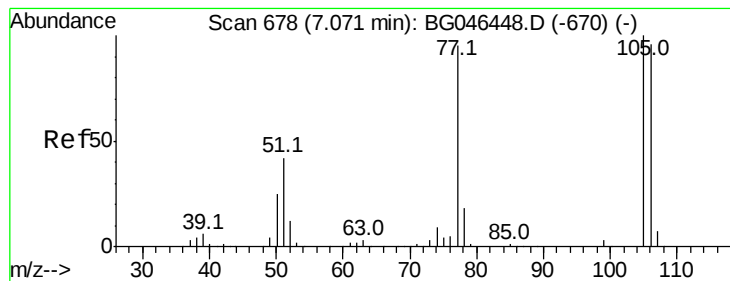
Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		192752		
130	31.8	12.4	52.4		
64	48.0	28.1	68.1		





#9

Benzaldehyde

Concen: 37.373 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

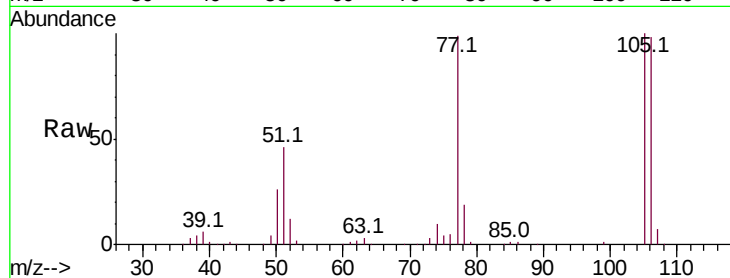
ClientSampleID :

PB131497BS

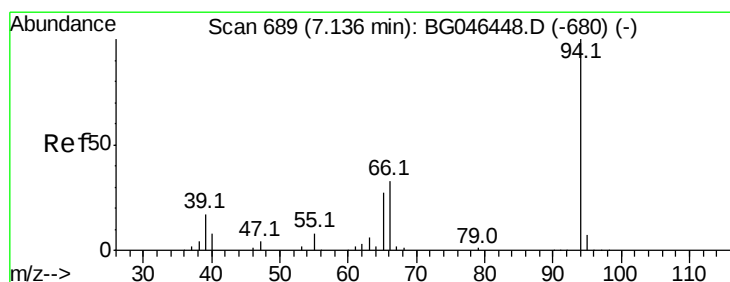
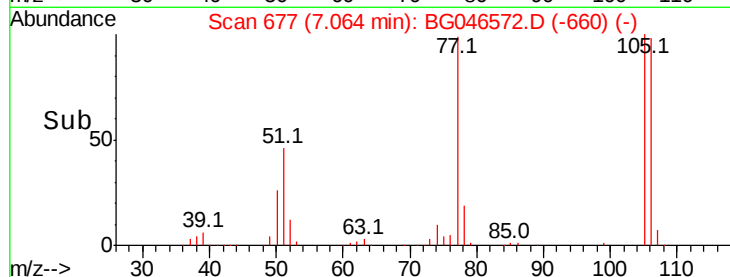
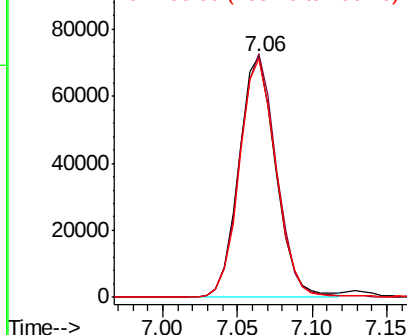
Tot Ion:	77	Resp:	123526
Ion	Ratio	Lower	Upper
77	100		
105	101.0	85.6	125.6
106	98.7	80.8	120.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.776 ng

RT: 7.13 min Scan# 688

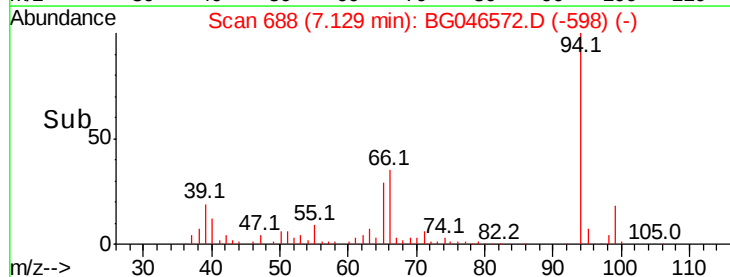
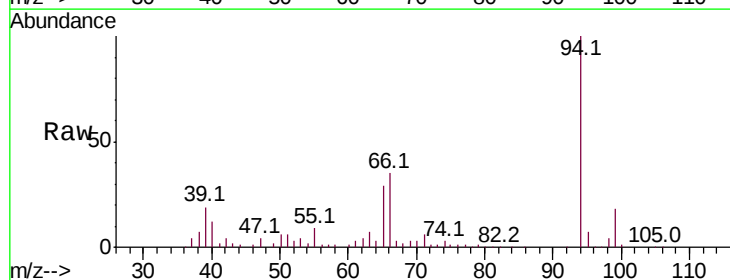
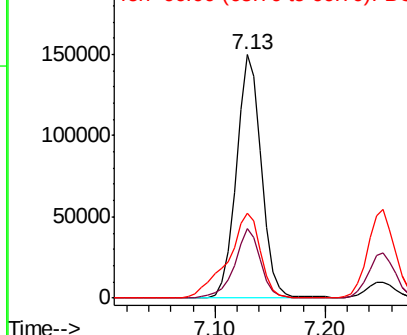
Delta R.T. -0.00 min

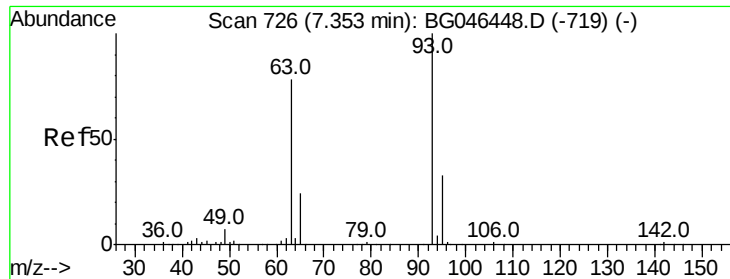
Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:	94	Resp:	237862
Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.5	47.5
66	35.0	14.1	54.1

Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





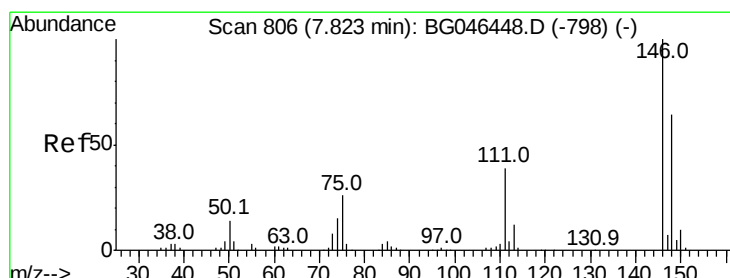
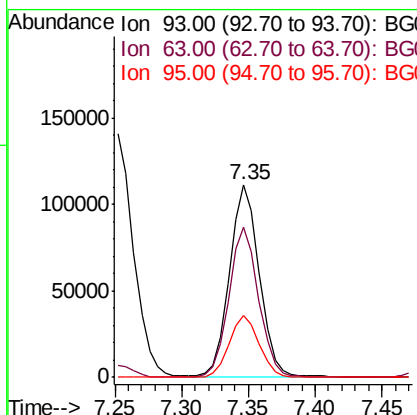
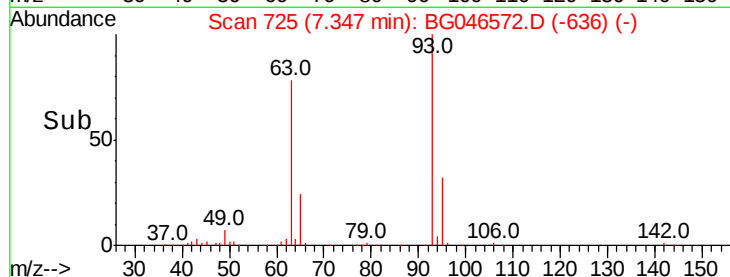
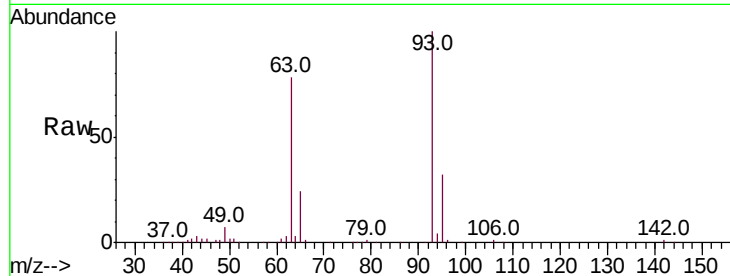
#11
bis(2-Chloroethyl)ether
Concen: 39.473 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	57.7	97.7
95	32.1	12.3	52.3

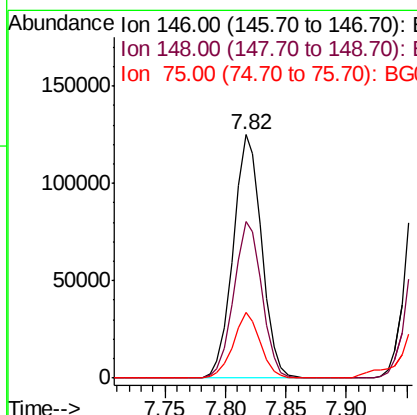
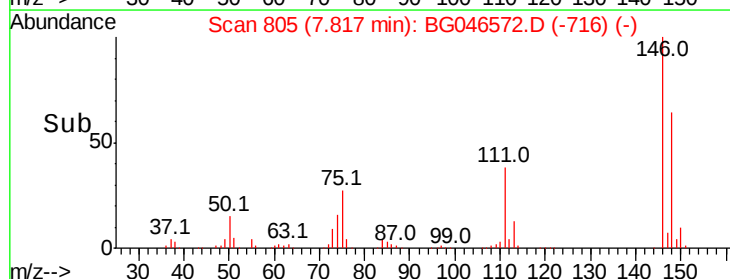
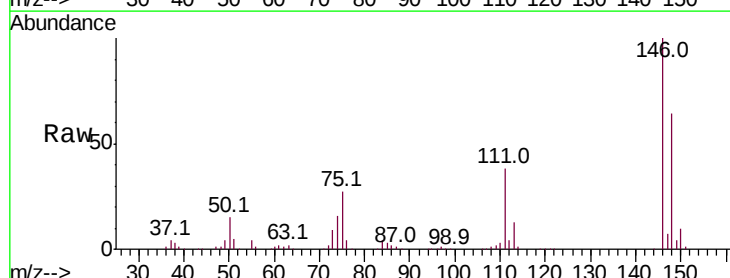
Manual Integrations
APPROVED

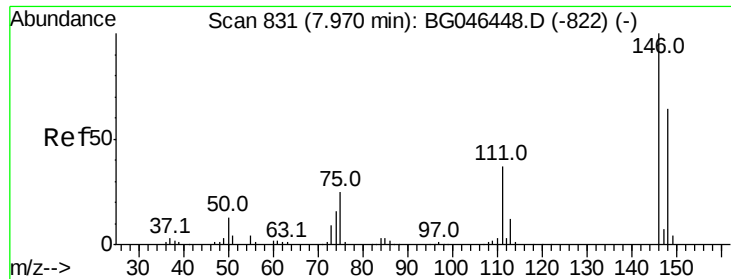
mohammad
9/10/2020 10:35:54 AM



#12
1,3-Dichlorobenzene
Concen: 36.612 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	27.1	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 37.042 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

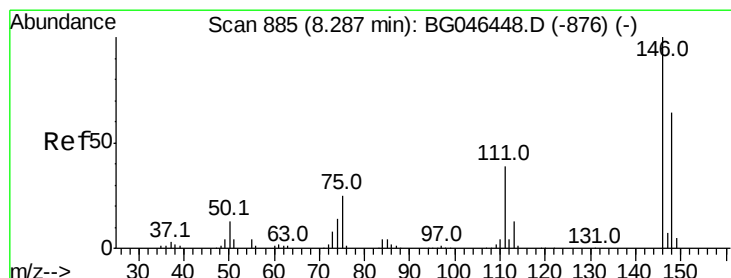
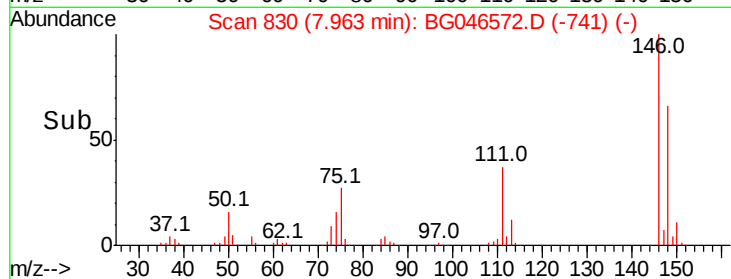
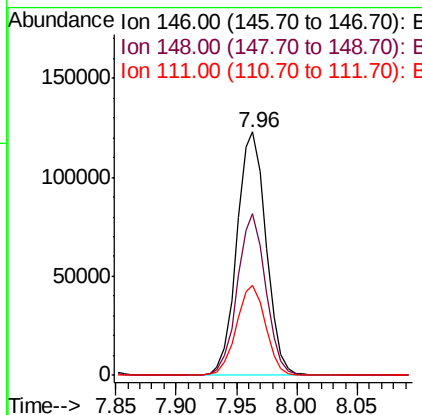
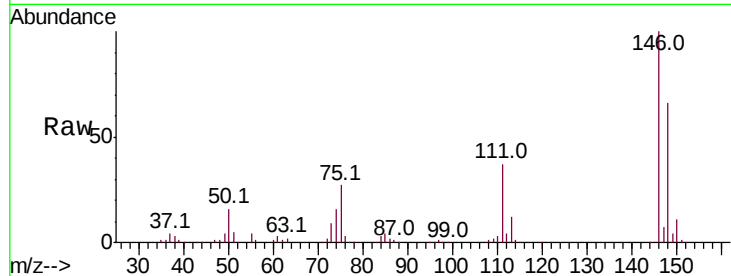
ClientSampleId :

PB131497BS

Tot Ion:	146	Resp:	207082
Ion Ratio	Lower	Upper	
146	100		
148	66.2	50.9	76.3
111	36.8	29.8	44.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.460 ng

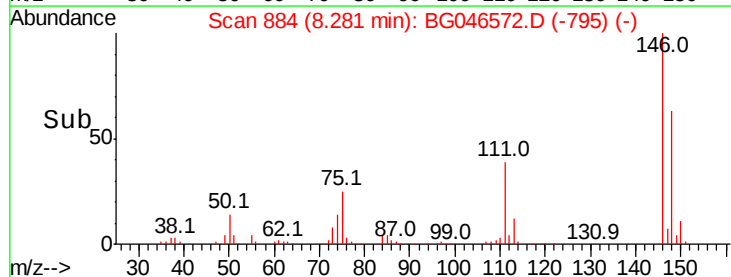
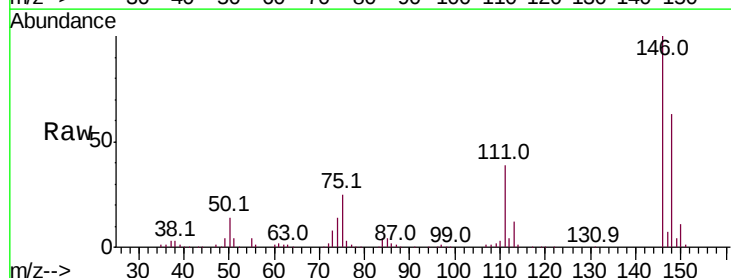
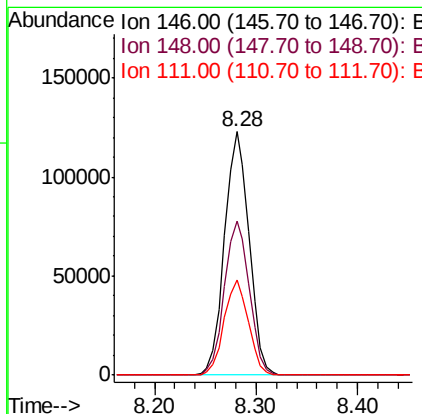
RT: 8.28 min Scan# 884

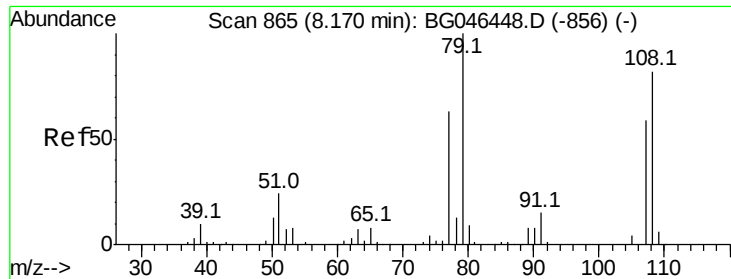
Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:	146	Resp:	206162
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.4	77.0
111	38.9	31.4	47.2





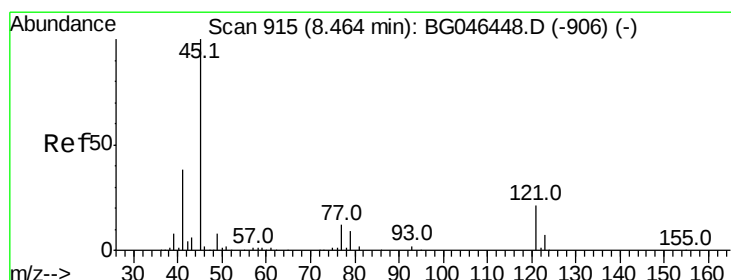
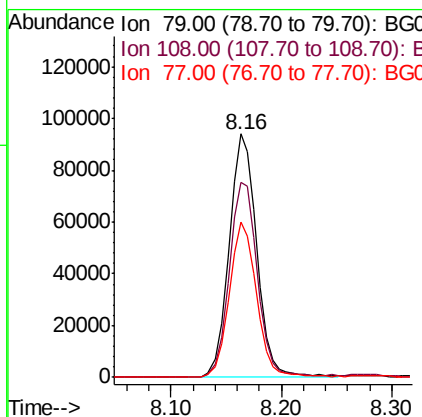
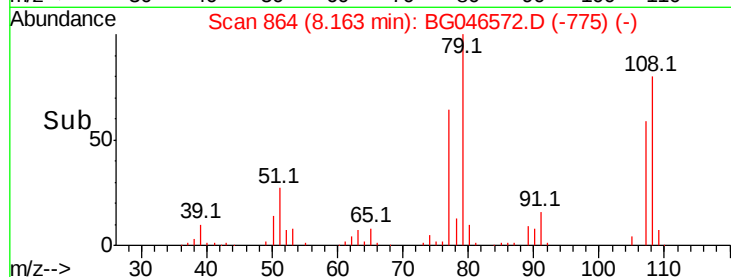
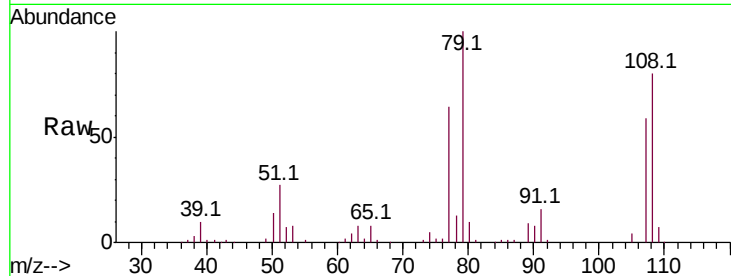
#15
Benzyl Alcohol
Concen: 43.661 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion:	79	Resp:	165365
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.7	98.5
77	64.0	50.3	75.5

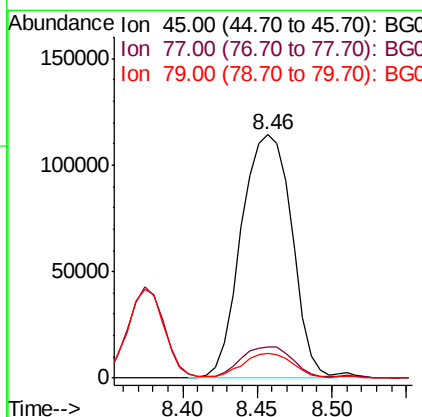
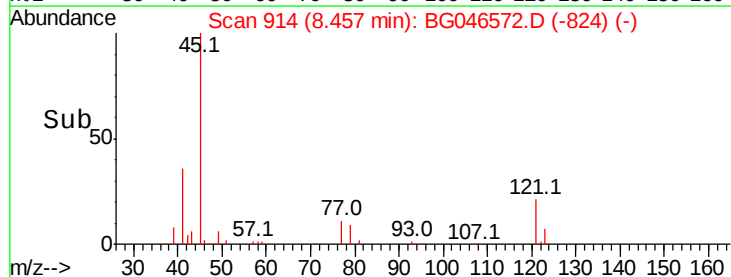
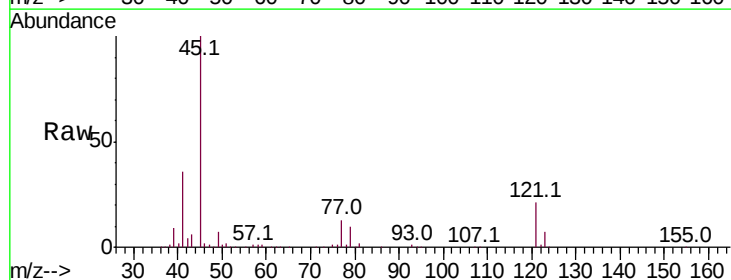
Manual Integrations
APPROVED

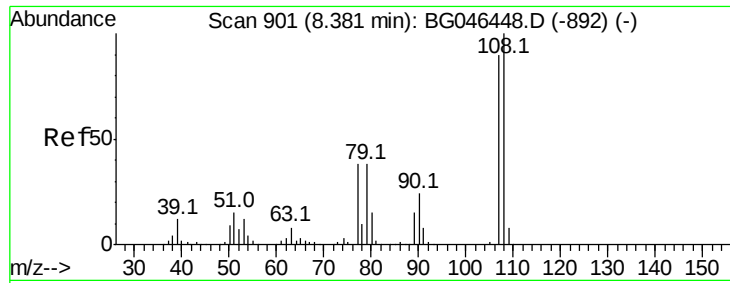
mohammad
9/10/2020 10:35:54 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.667 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:	45	Resp:	268729
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	33.2
79	10.2	0.0	30.3





#17

2-Methylphenol

Concen: 43.940 ng

RT: 8.37 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

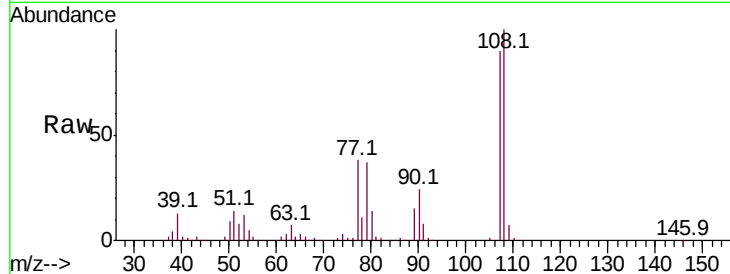
ClientSampleId :

PB131497BS

Tot Ion:	107	Resp:	169321
Ion Ratio	Lower	Upper	
107	100		
108	111.7	89.4	134.0
77	42.9	34.5	51.7
79	41.6	33.8	50.6

Manual Integrations
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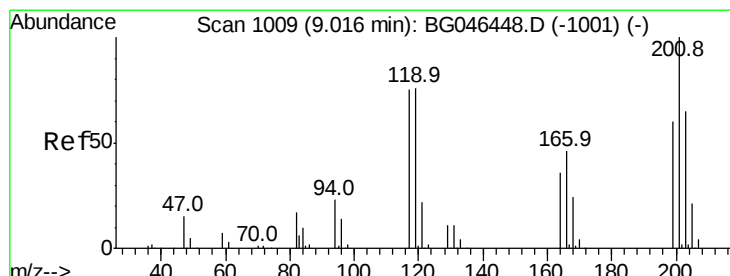
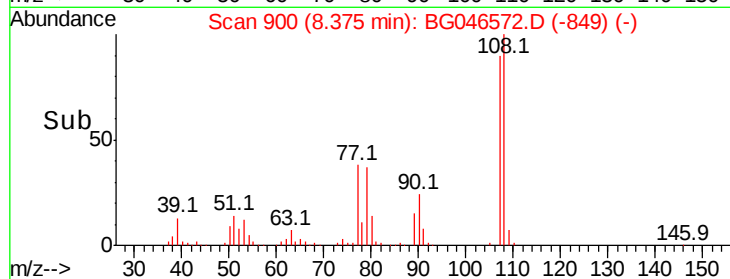
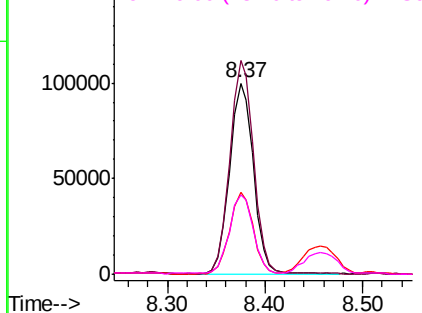
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.879 ng

RT: 9.01 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

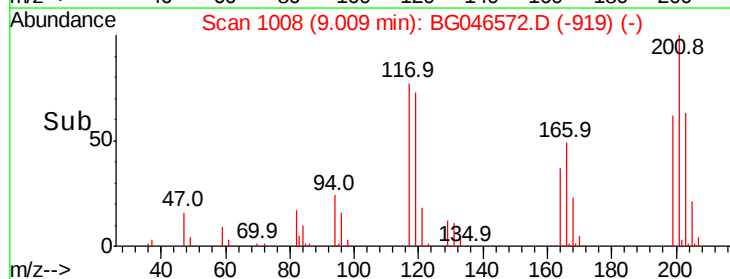
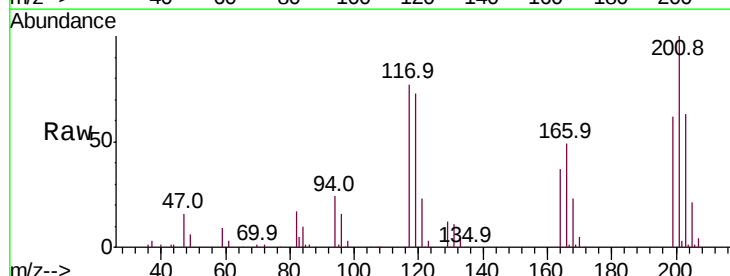
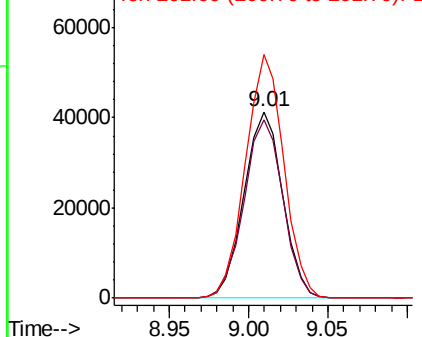
Tgt Ion:	117	Resp:	69906
Ion Ratio	Lower	Upper	
117	100		
119	95.6	80.8	121.2
201	130.5	106.7	160.1

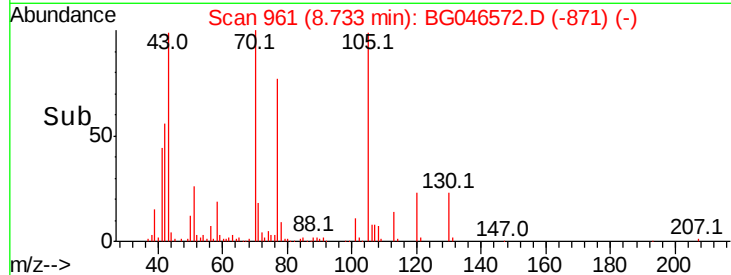
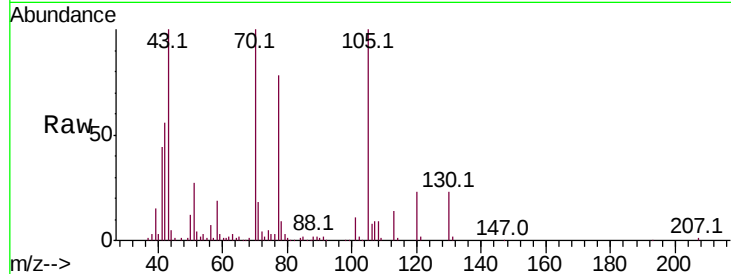
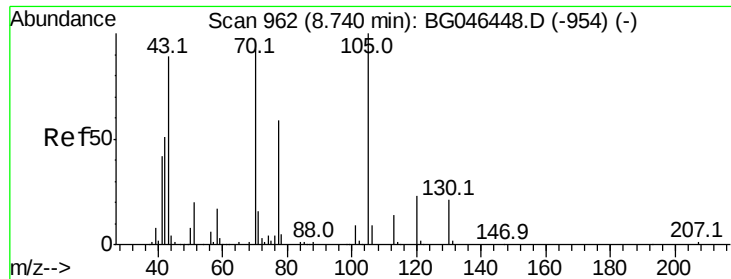
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





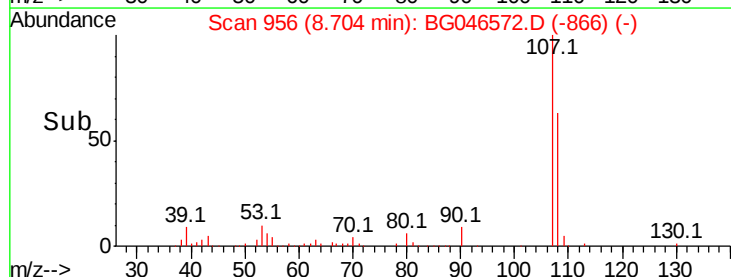
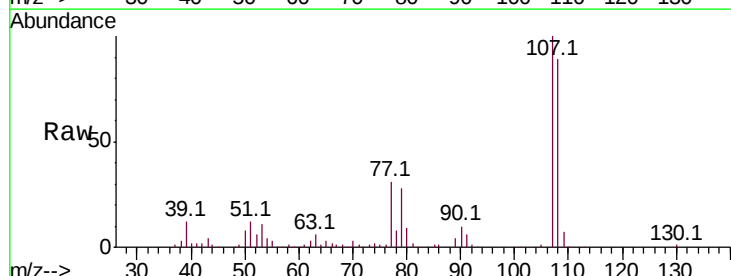
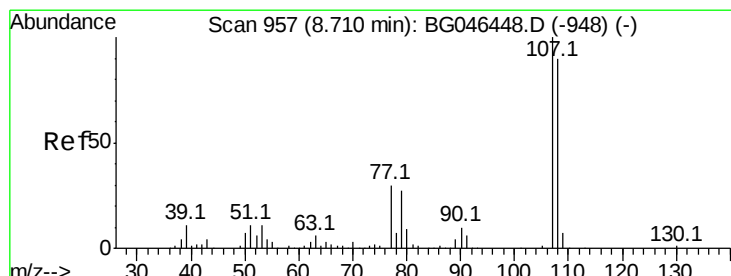
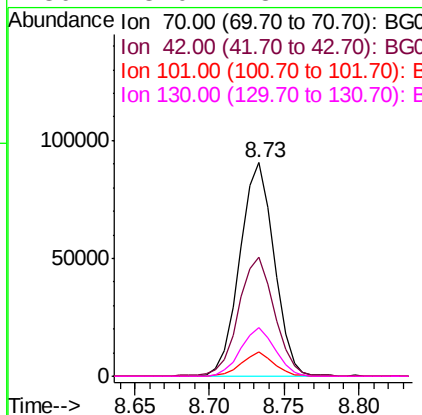
#19
n-Nitroso-di-n-propylamine
Concen: 41.139 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.5	44.2	66.2	
101	11.1	7.8	11.8	
130	23.0	18.2	27.4	

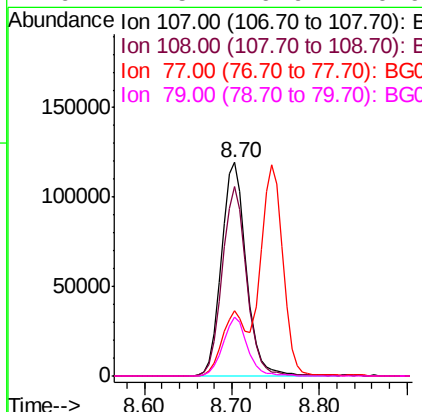
Manual Integrations
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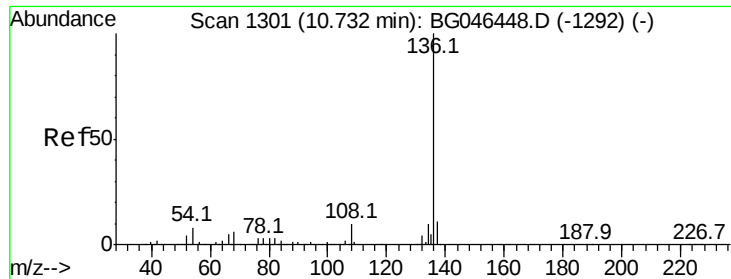
mohammad
9/10/2020 10:35:54 AM



#20
3+4-Methylphenols
Concen: 43.976 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	69.7	109.7	
77	30.5	9.7	49.7	
79	27.5	6.9	46.9	





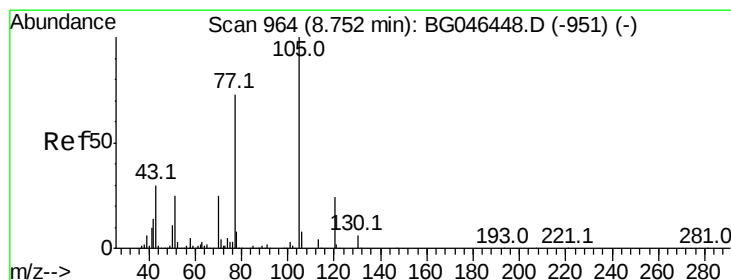
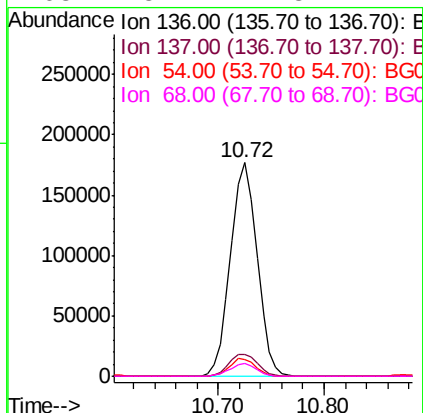
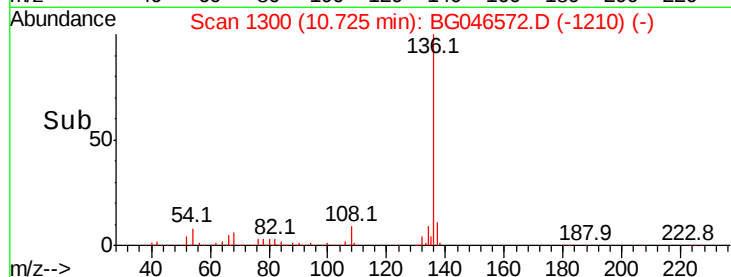
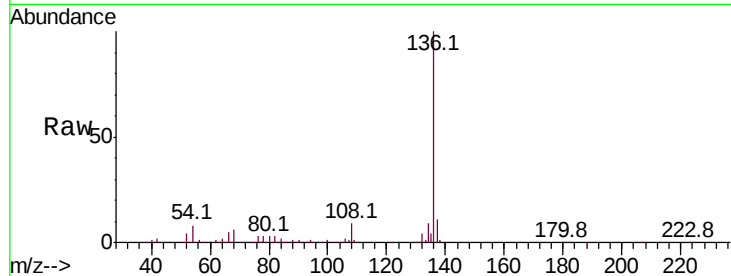
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	307959		
137	10.5		8.8	13.2
54	8.1		6.1	9.1
68	5.7		4.8	7.2

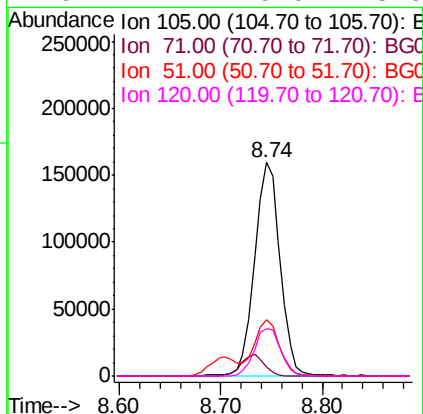
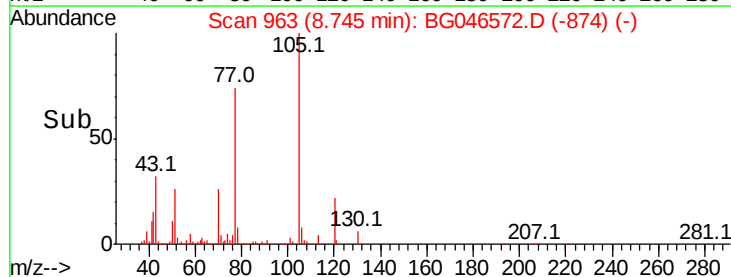
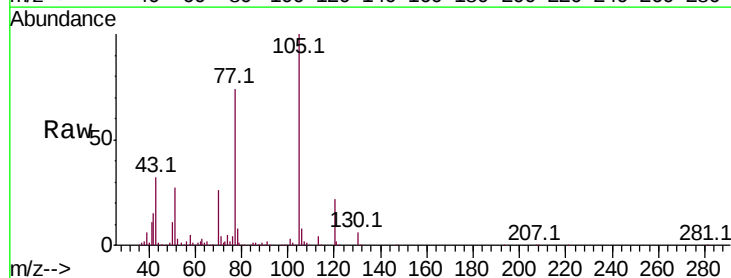
Manual Integrations
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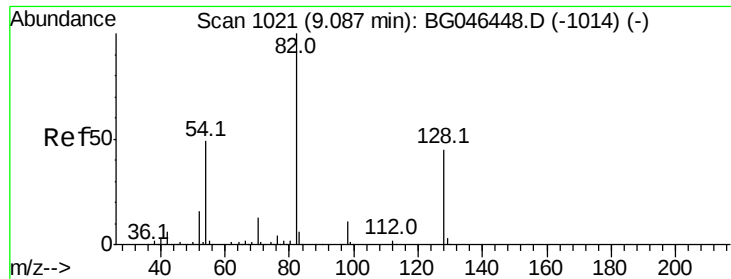
mohammad
9/10/2020 10:35:54 AM



#22
Acetophenone
Concen: 37.103 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	278140		
71	4.5		3.3	4.9
51	26.5		20.6	31.0
120	22.2		19.0	28.6





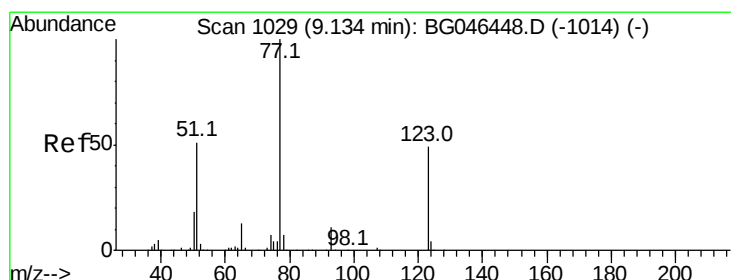
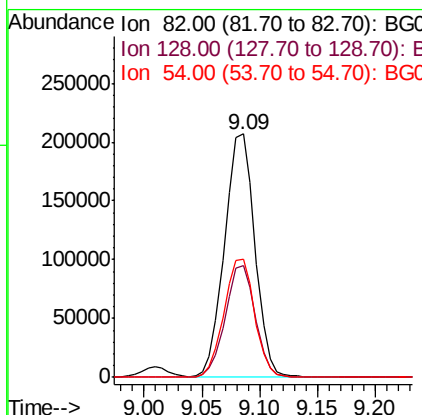
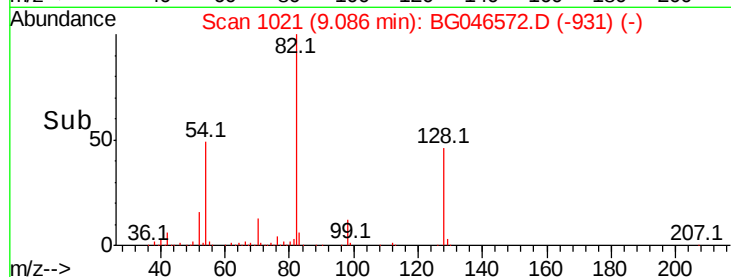
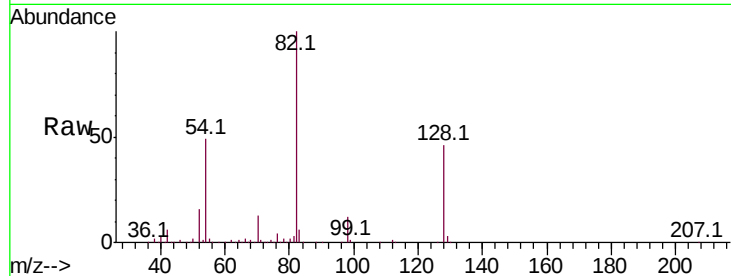
#23
 Nitrobenzene-d5
 Concen: 69.841 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampled :
 PB131497BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	48.7	39.4	59.0

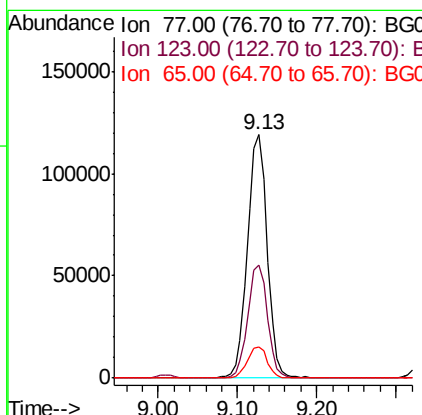
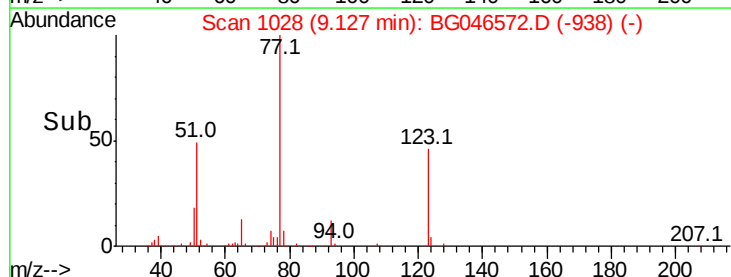
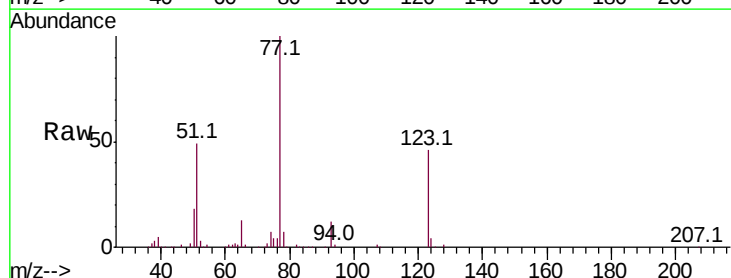
Manual Integrations
 APPROVED

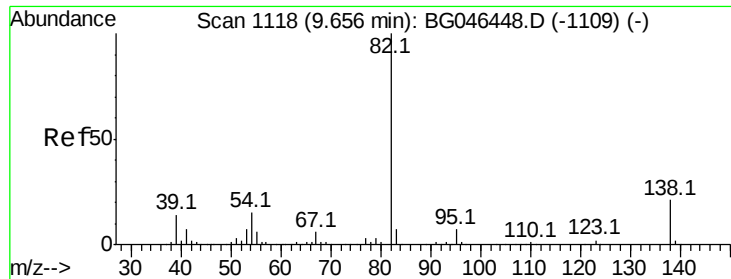
mohammad
 9/10/2020 10:35:54 AM



#24
 Nitrobenzene
 Concen: 38.970 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	39.6	59.4
65	12.6	10.1	15.1





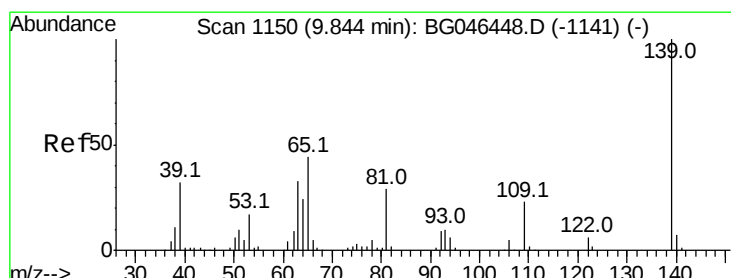
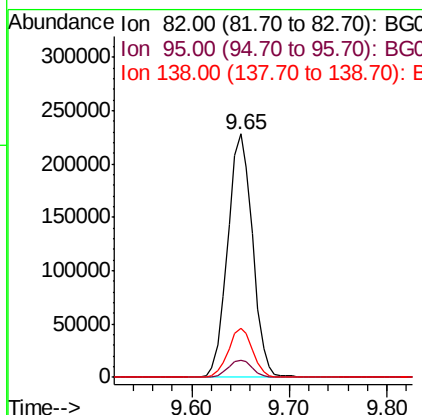
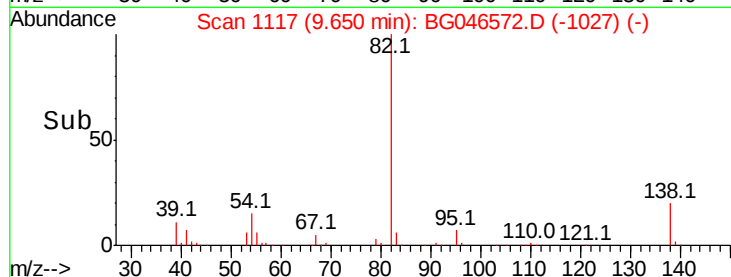
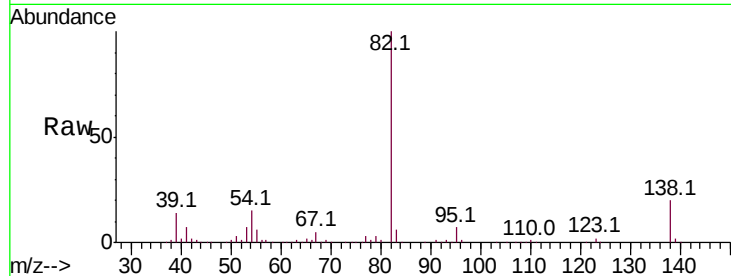
#25
Isophorone
Concen: 40.771 ng
RT: 9.65 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	402753		
95	7.0		5.8	8.6
138	20.0		16.4	24.6

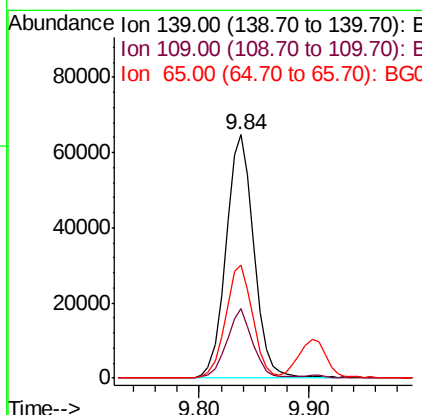
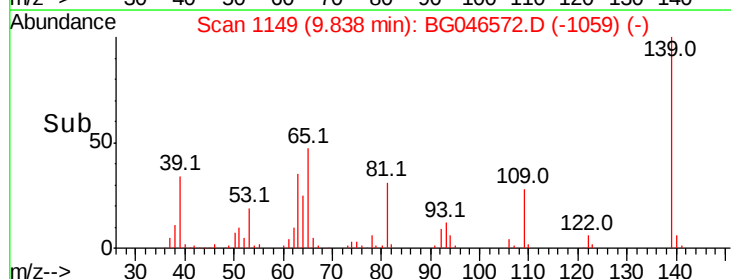
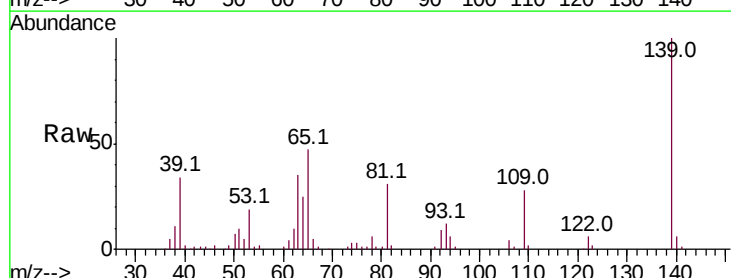
Manual Integrations
APPROVED

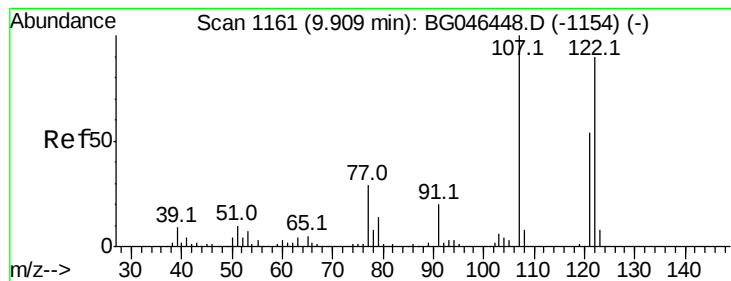
mohammad
9/10/2020 10:35:54 AM



#26
2-Nitrophenol
Concen: 40.748 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	114443		
109	28.4		18.8	28.2#
65	46.5		35.0	52.6





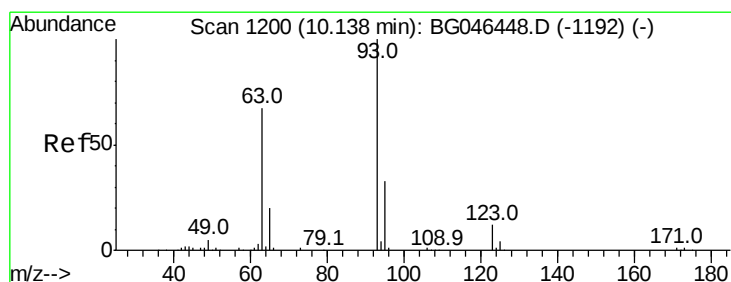
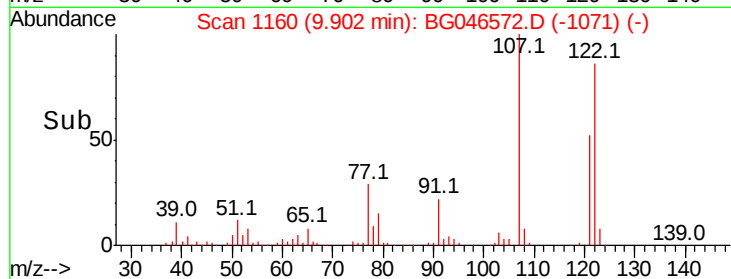
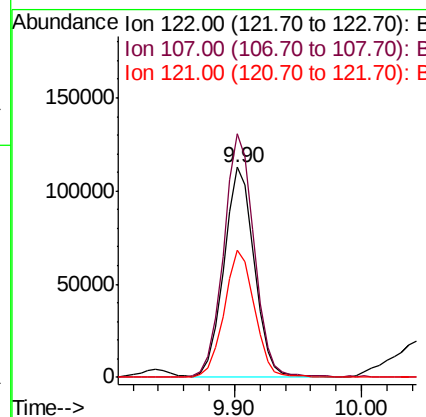
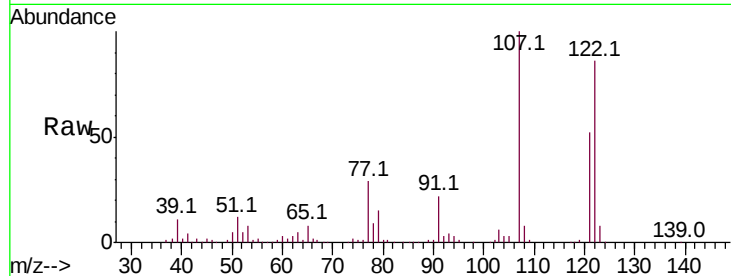
#27
2,4-Dimethylphenol
Concen: 47.957 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	185251		
107	115.8	88.2	132.2	
121	60.4	47.4	71.0	

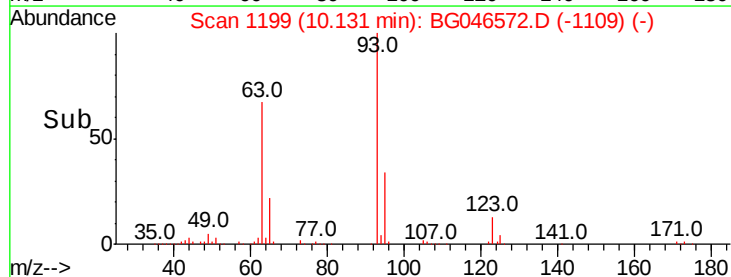
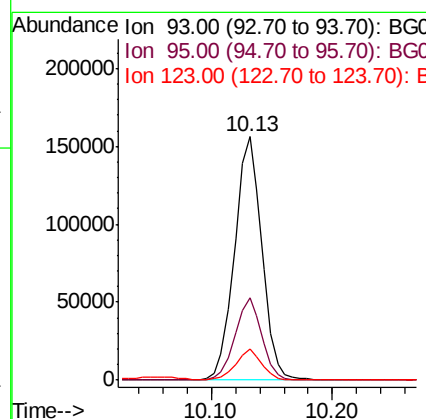
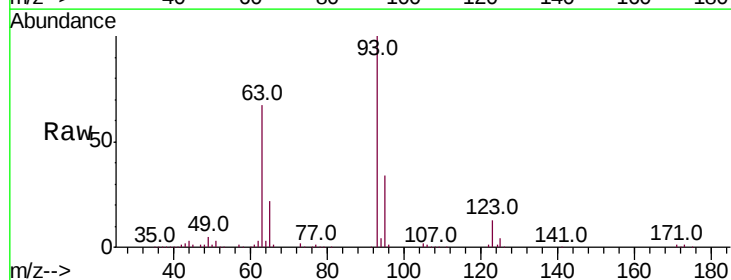
Manual Integrations
APPROVED

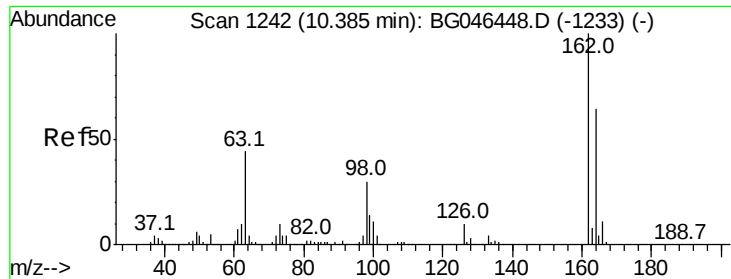
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.624 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	245581		
95	33.7	26.1	39.1	
123	12.7	9.5	14.3	





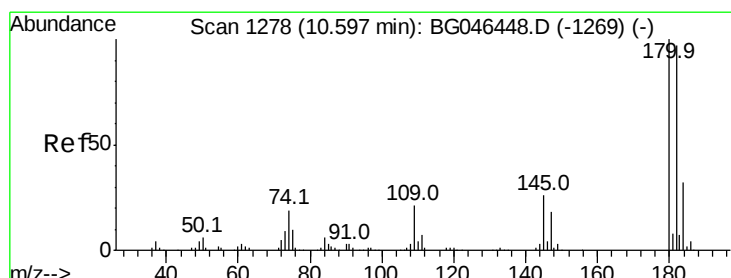
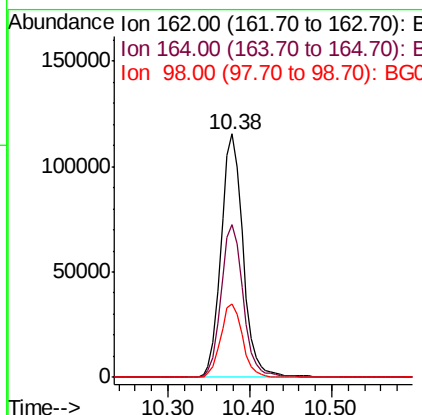
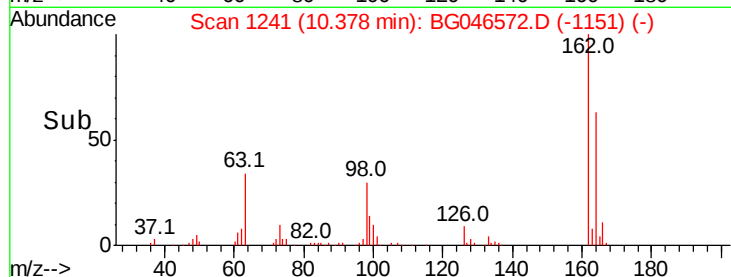
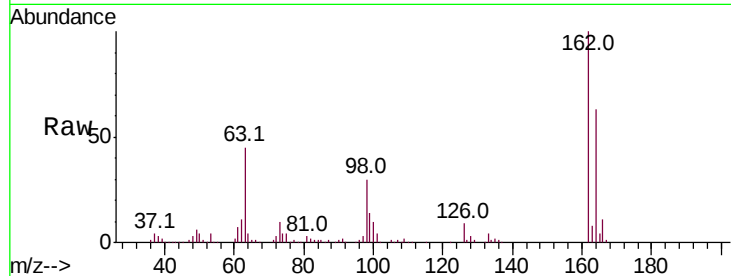
#29
2,4-Dichlorophenol
Concen: 42.126 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.7	44.3	84.3	
98	30.3	10.0	50.0	

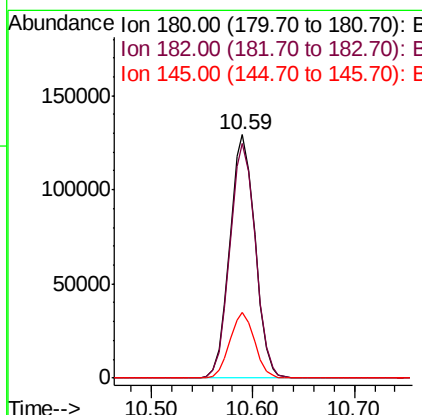
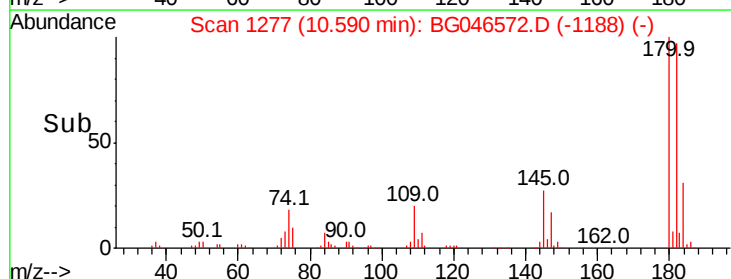
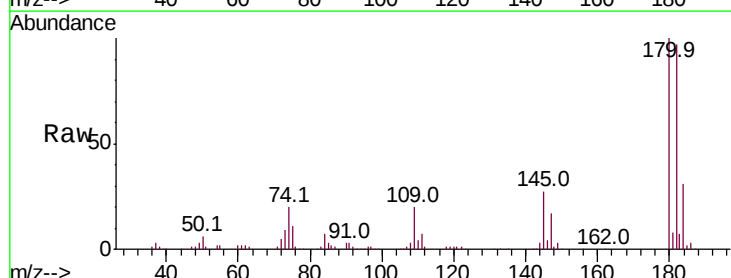
Manual Integrations
APPROVED

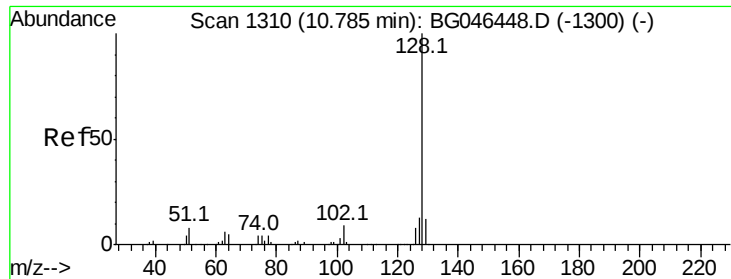
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#30
1,2,4-Trichlorobenzene
Concen: 36.618 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.6	77.8	116.8	
145	27.0	20.9	31.3	





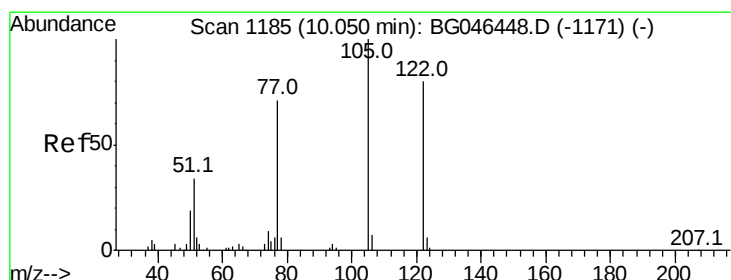
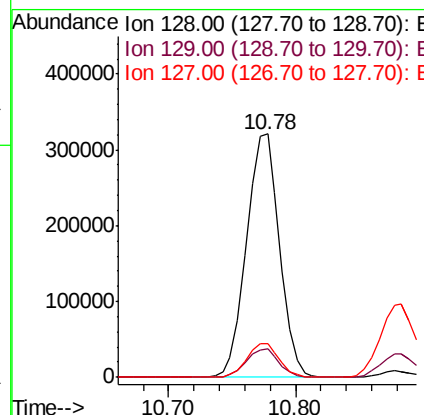
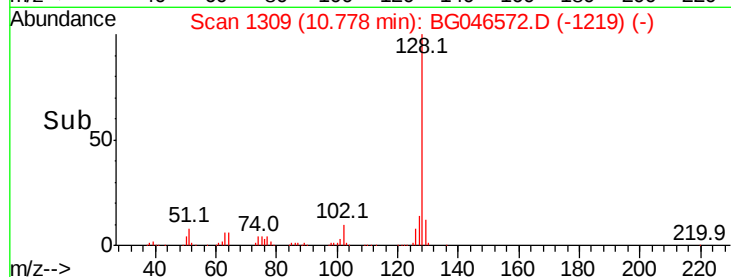
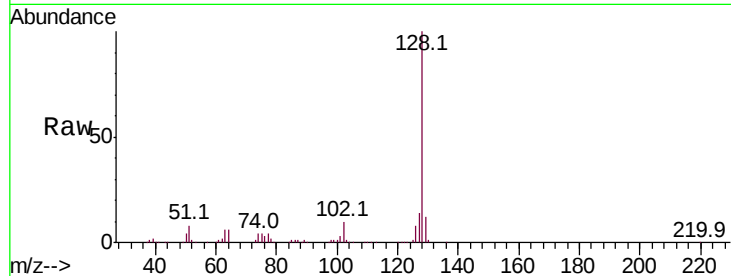
#31
Naphthalene
Concen: 38.528 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	579321		
129	11.5	9.2	13.8	
127	13.7	10.7	16.1	

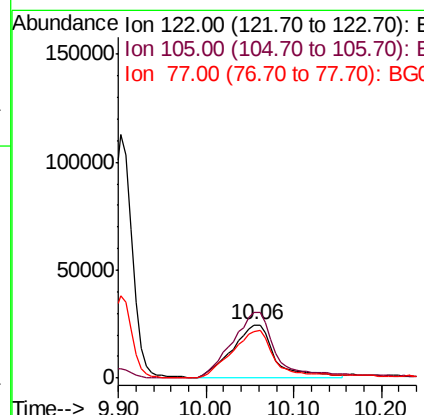
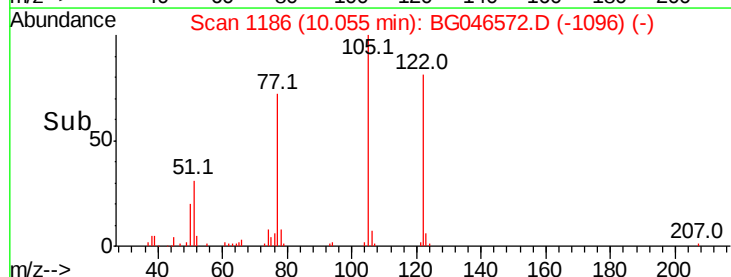
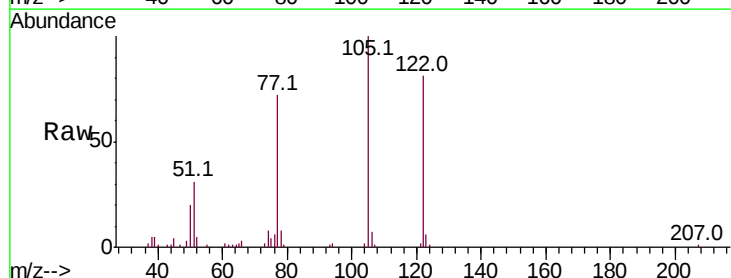
Manual Integrations
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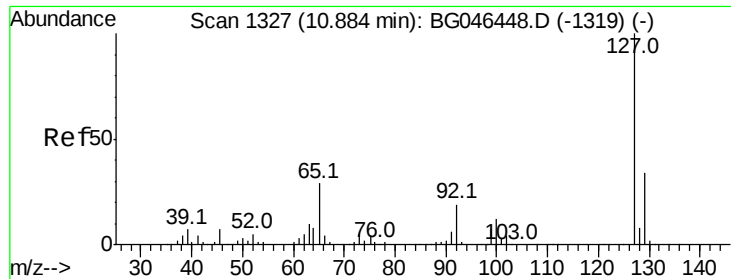
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#32
Benzoic acid
Concen: 32.056 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79656		
105	123.4	102.5	142.5	
77	88.4	68.2	108.2	





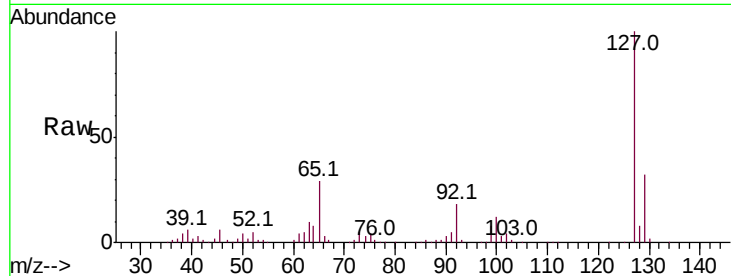
#33
4-Chloroaniline
Concen: 29.303 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampled :
PB131497BS

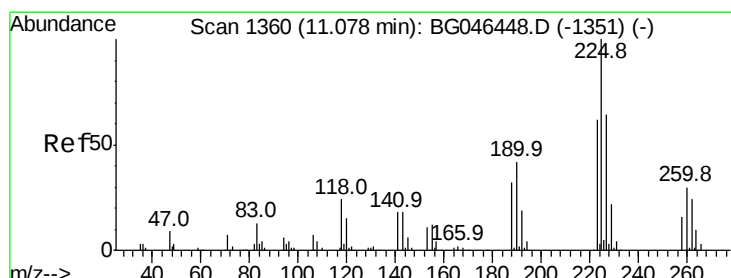
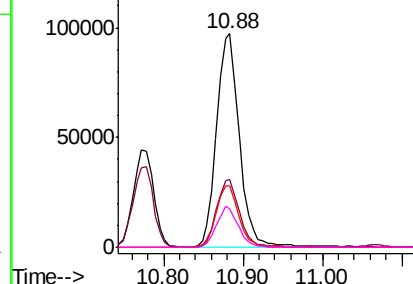
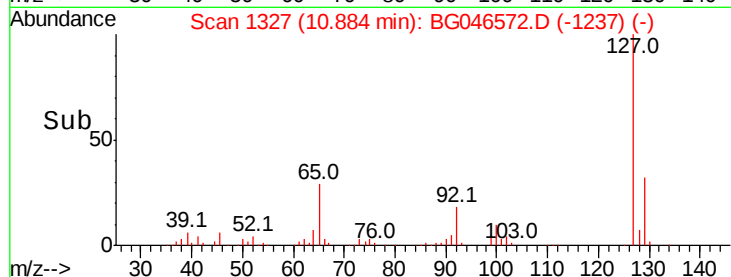
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.4
65	28.7	23.5	35.3
92	17.8	14.9	22.3

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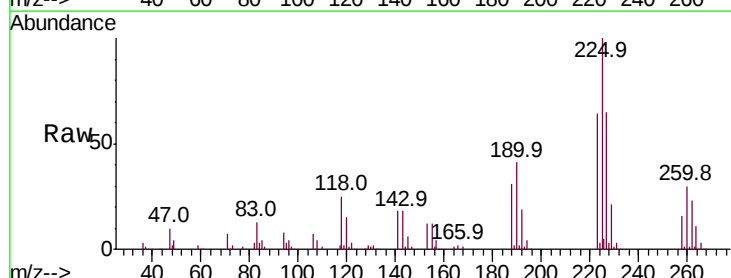


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

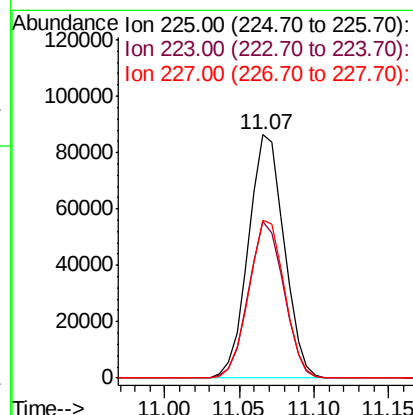
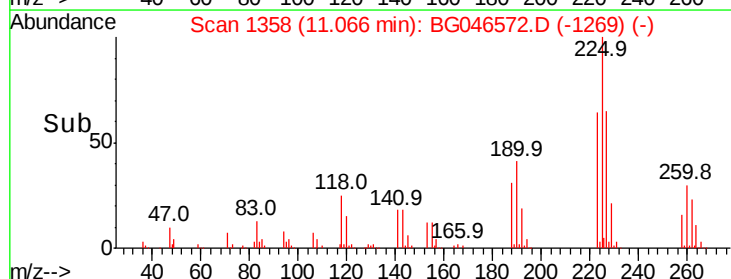


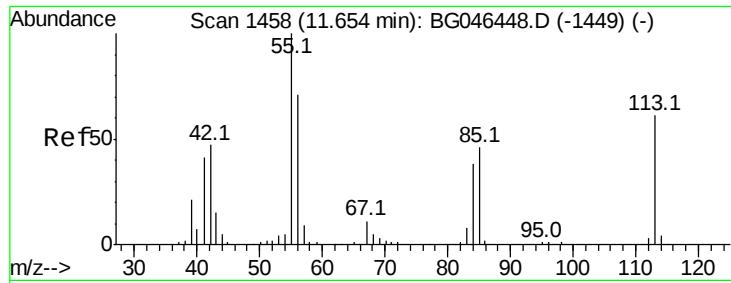
#34
Hexachlorobutadiene
Concen: 35.977 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.9	74.9
227	65.0	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
120000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





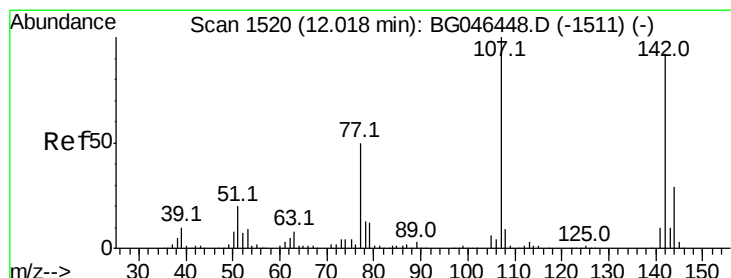
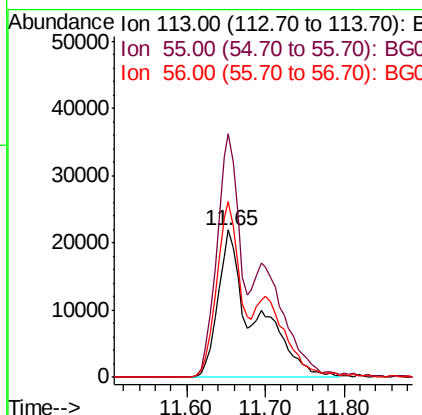
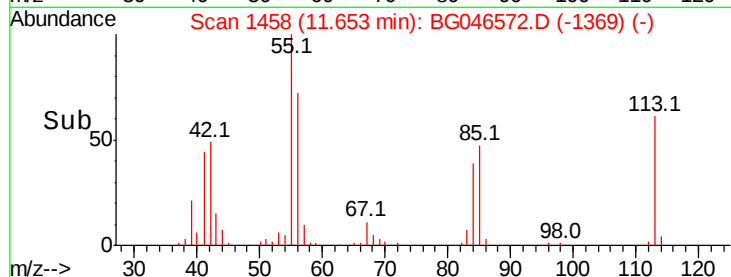
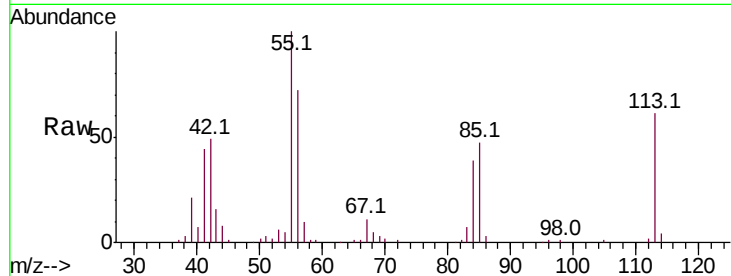
#35
Caprolactam
Concen: 36.890 ng/ml
RT: 11.65 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleID :
PB131497BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.1	144.2	184.2
56	119.3	97.0	137.0

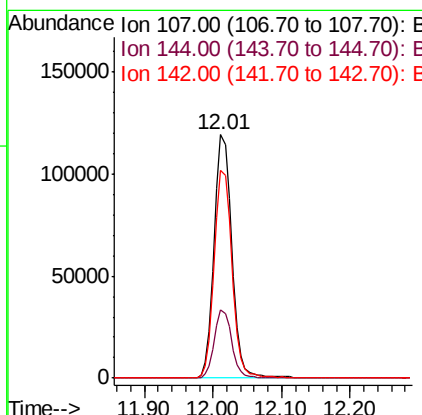
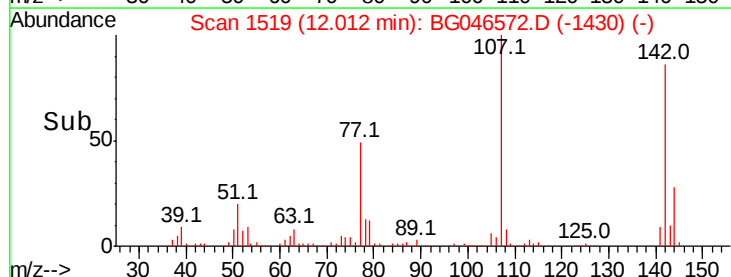
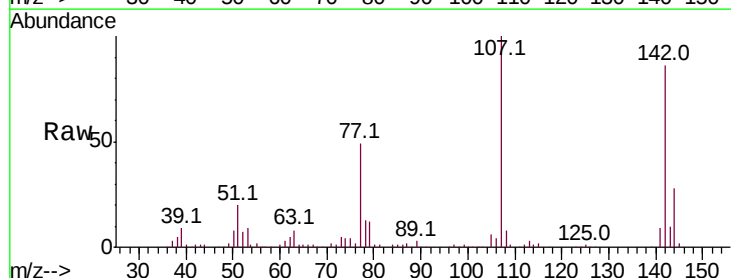
Manual Integrations
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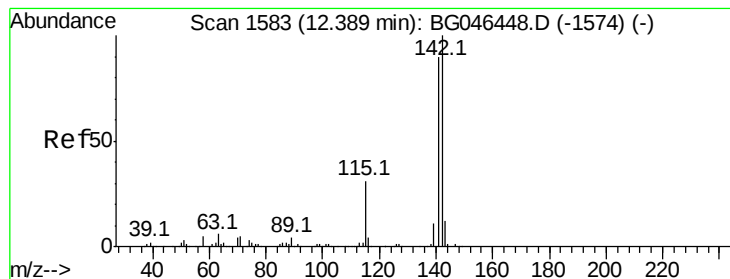
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.317 ng/ml
RT: 12.01 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	23.3	34.9
142	85.5	73.7	110.5





#37

2-Methylnaphthalene

Concen: 39.596 ng

RT: 12.38 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

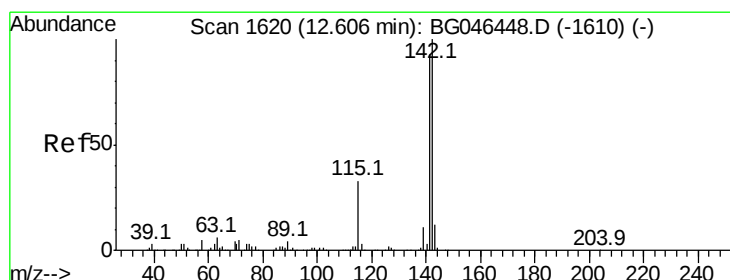
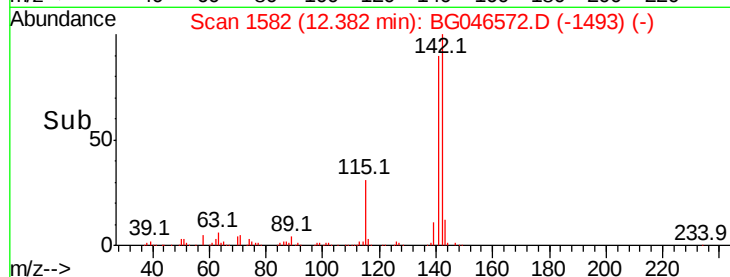
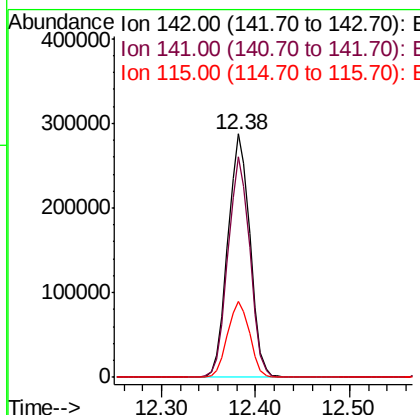
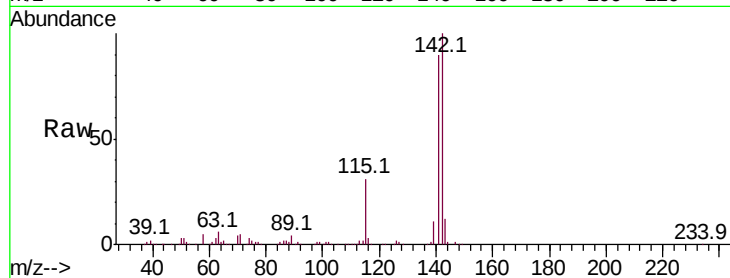
ClientSampleId :

PB131497BS

Tot Ion:	142	Resp:	469568
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.1	108.1
115	31.4	24.9	37.3

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#38

1-Methylnaphthalene

Concen: 39.602 ng

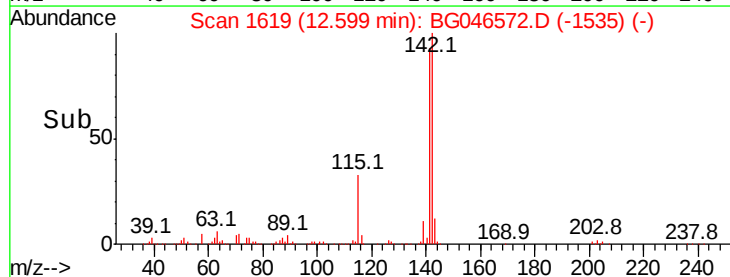
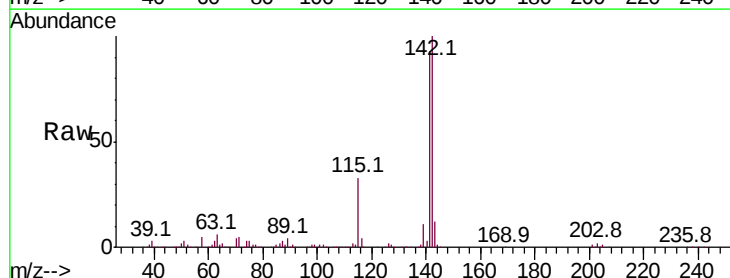
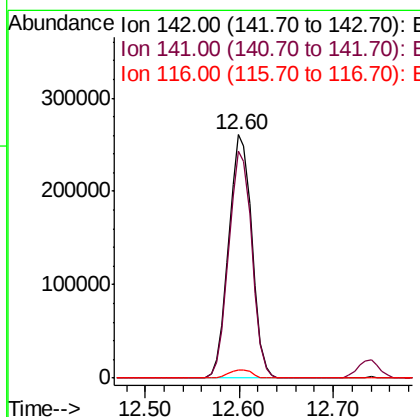
RT: 12.60 min Scan# 1619

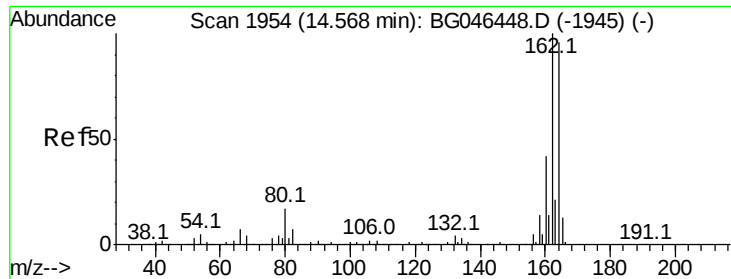
Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:	142	Resp:	444860
Ion Ratio	Lower	Upper	
142	100		
141	93.0	74.7	112.1
116	3.5	2.6	4.0





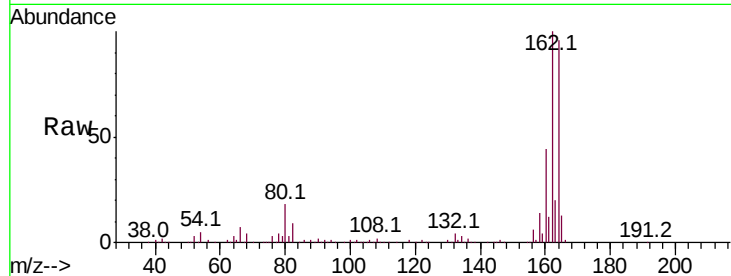
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	209538		
162	104.6	83.3	124.9	
160	46.1	35.0	52.6	

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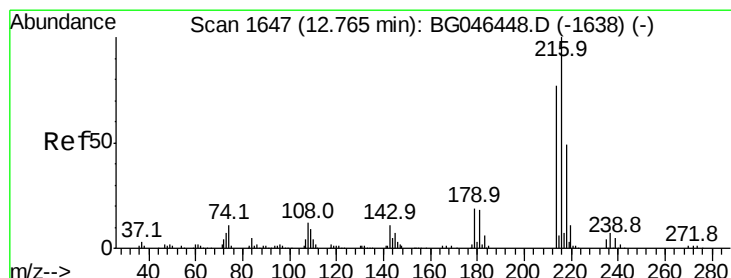
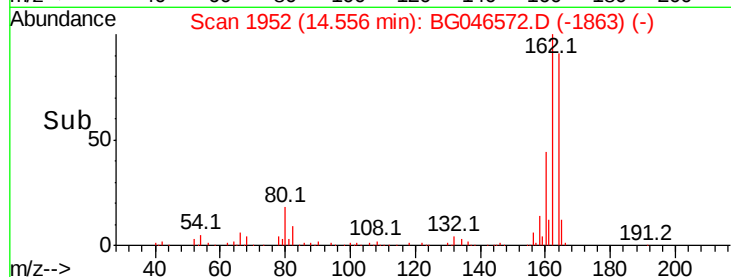
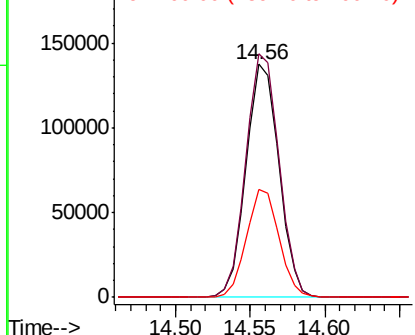


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.160 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	277497		
214	77.3	62.1	93.1	
179	18.8	14.9	22.3	
108	15.3	10.5	15.7	

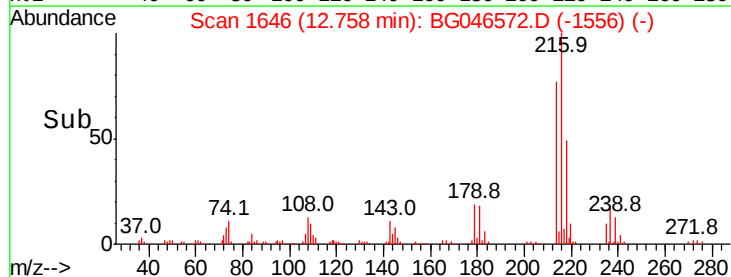
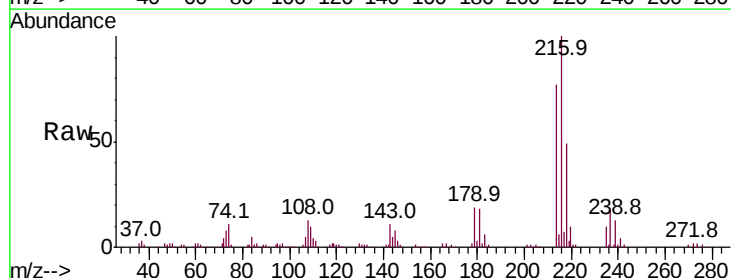
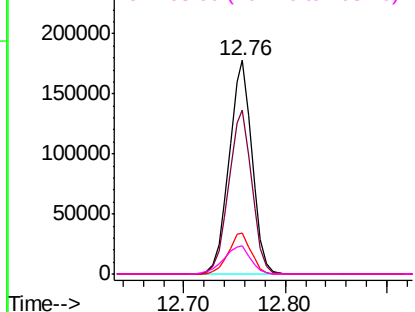
Abundance

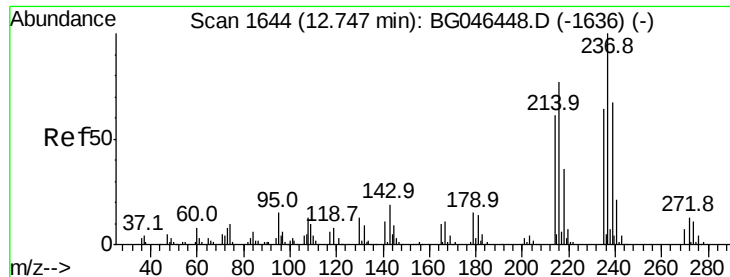
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.848 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

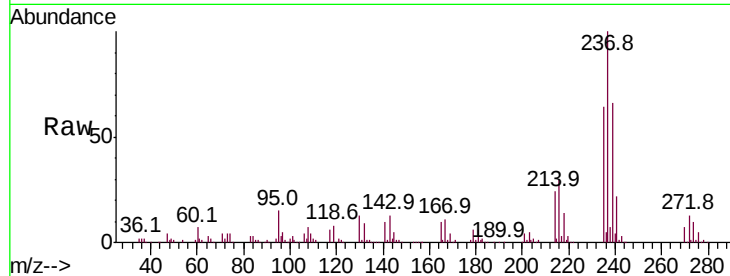
ClientSampleId :

PB131497BS

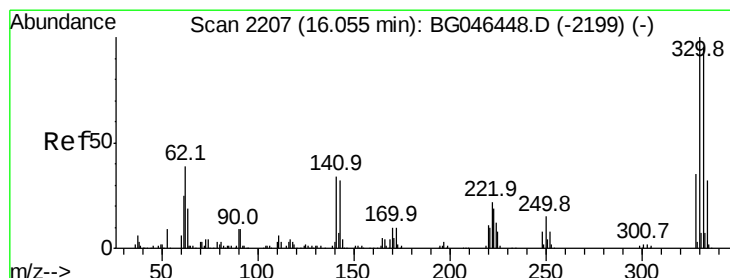
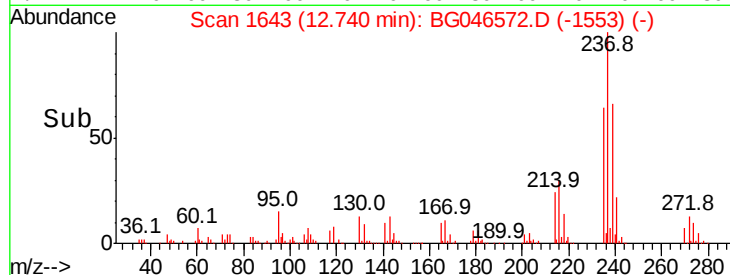
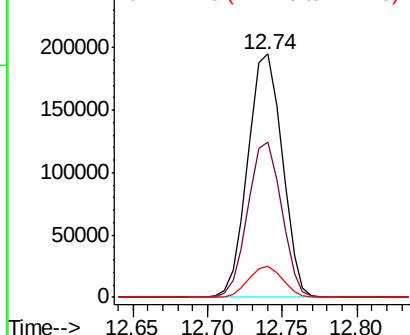
Tot Ion	Ratio	Resp	Lower	Upper
237	100	312015		
235	63.7	44.5	84.5	
272	12.8	0.0	32.8	

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



#42

2,4,6-Tribromophenol

Concen: 95.006 ng

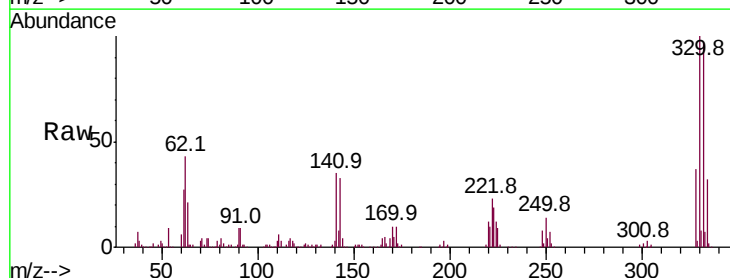
RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

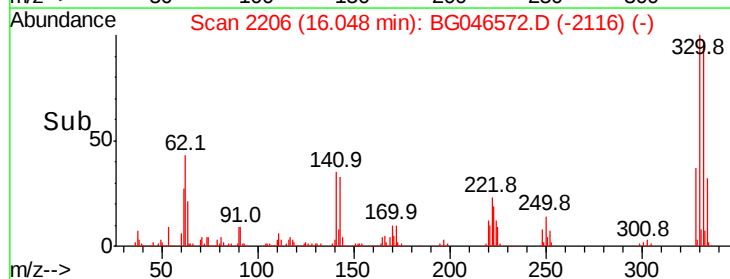
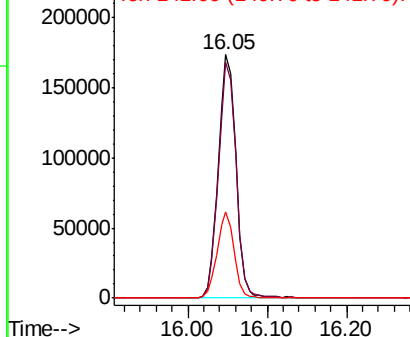
Lab File: BG046572.D

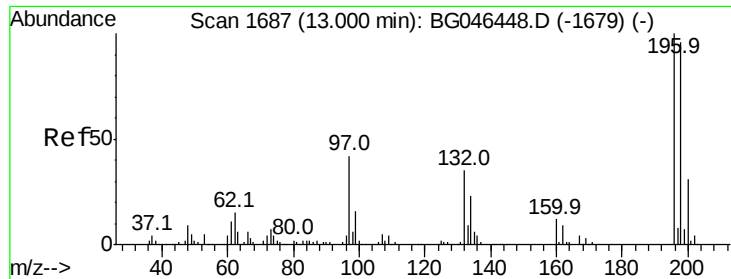
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	269732		
332	96.6	76.1	114.1	
141	33.8	26.1	39.1	



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





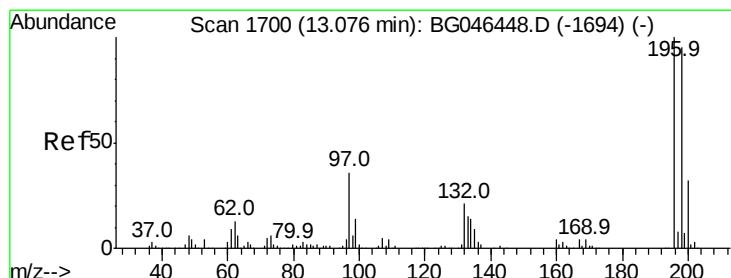
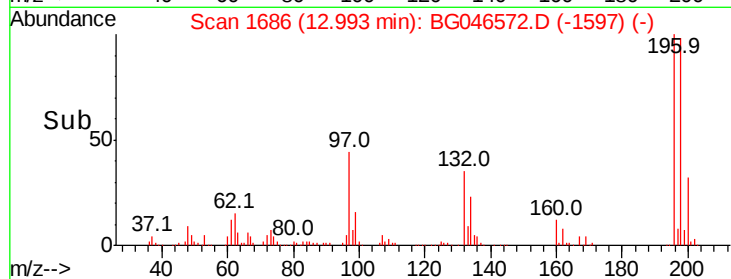
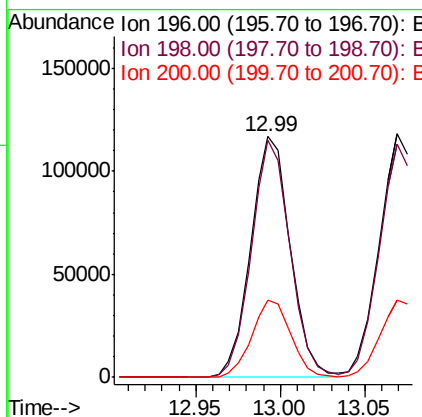
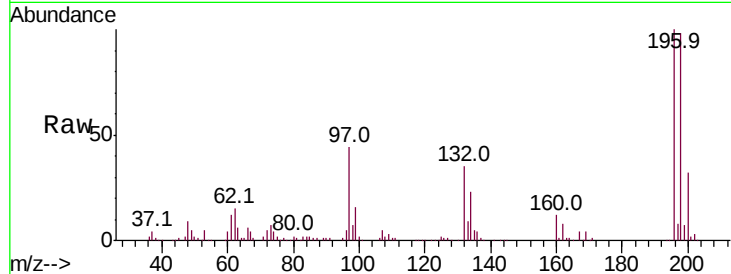
#43
 2,4,6-Trichlorophenol
 Concen: 40.814 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	190315		
198	98.4	77.0	115.6	
200	32.0	25.2	37.8	

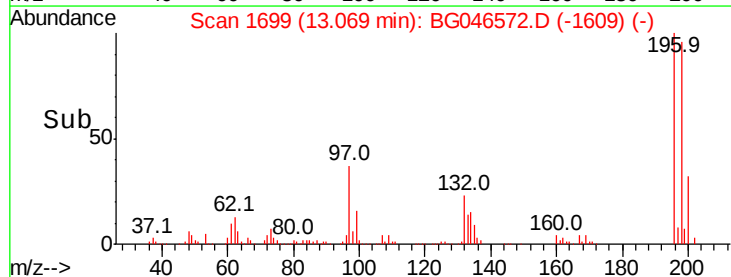
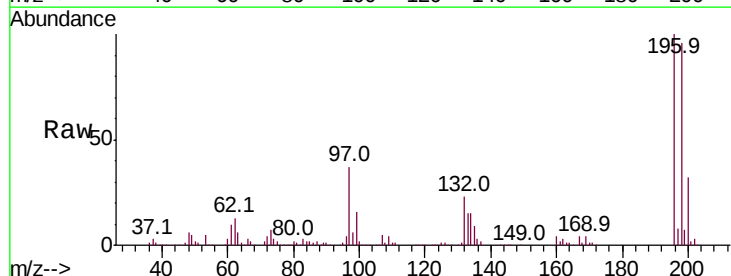
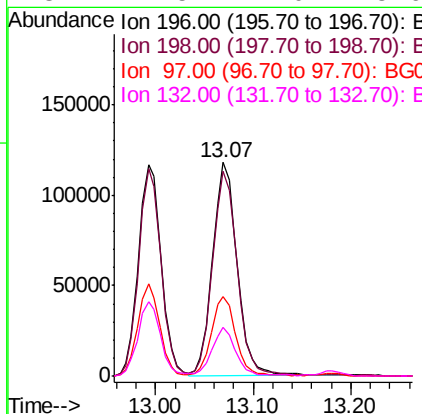
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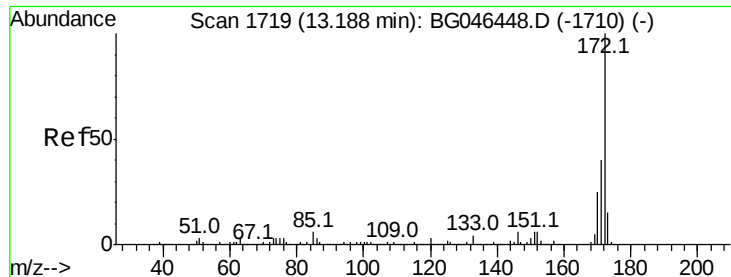
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#44
 2,4,5-Trichlorophenol
 Concen: 41.992 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205728		
198	95.7	75.6	113.4	
97	37.1	28.6	43.0	
132	22.5	17.0	25.6	





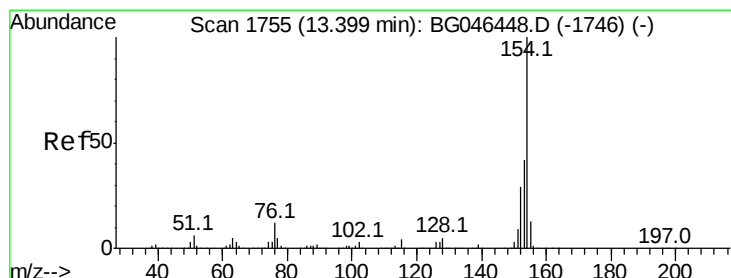
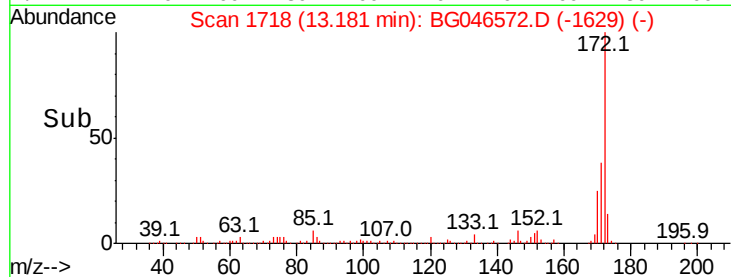
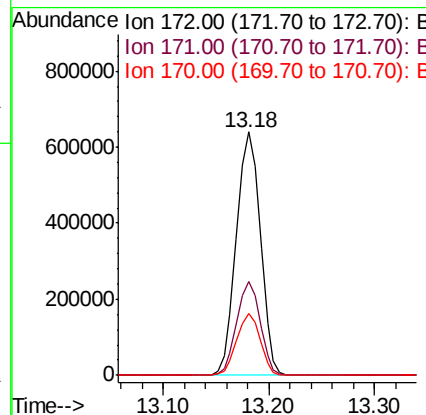
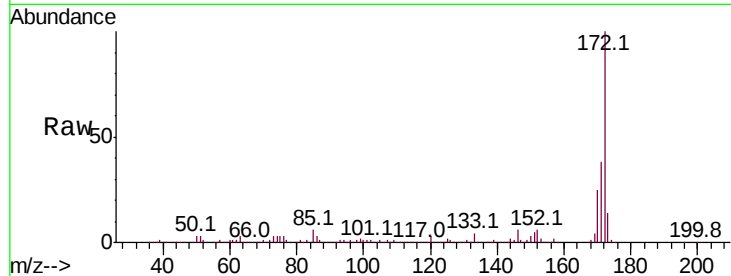
#45
 2-Fluorobiphenyl
 Concen: 73.147 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	25.3	20.3	30.5

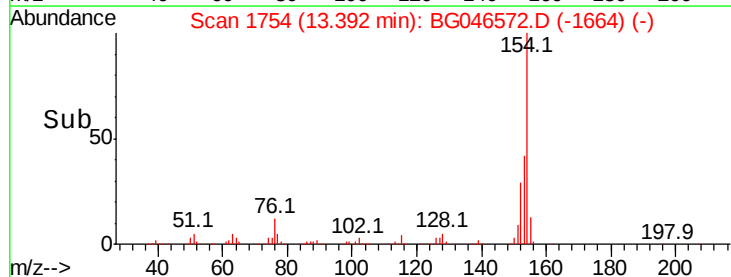
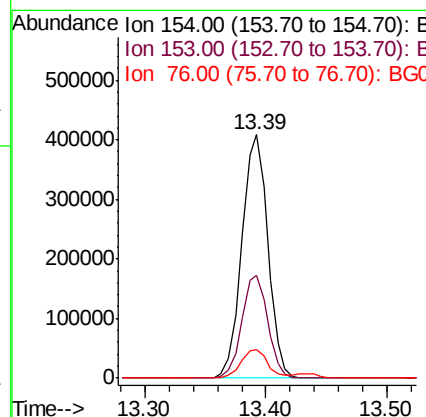
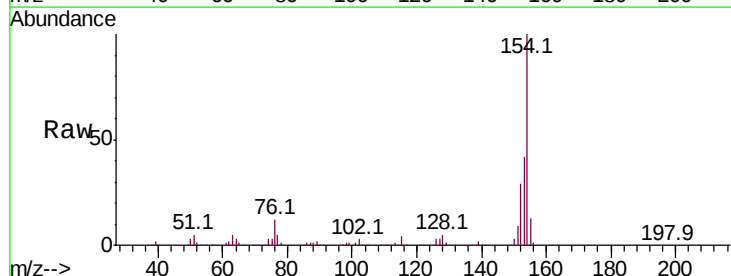
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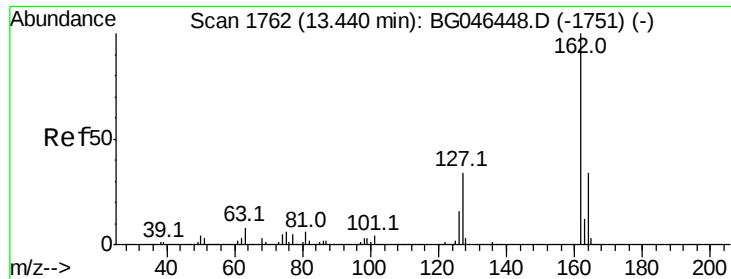
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#46
 1,1'-Biphenyl
 Concen: 42.085 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.0	62.0
76	11.9	0.0	32.3





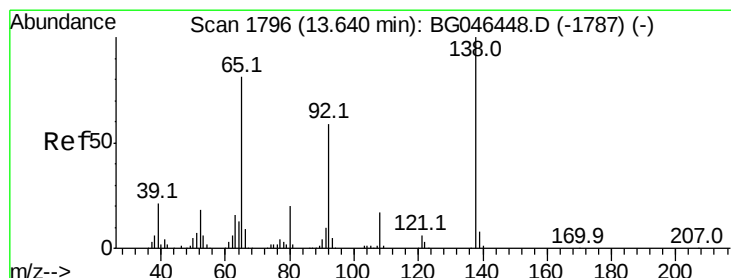
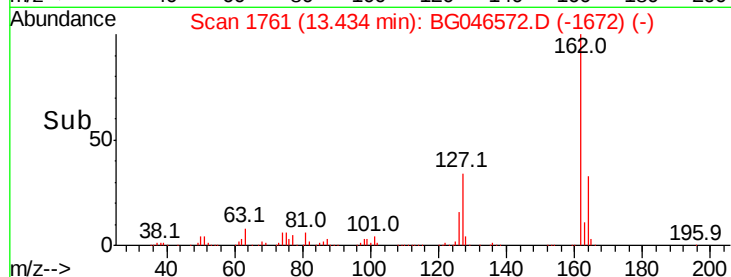
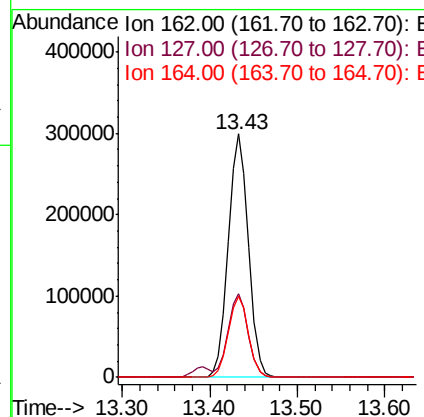
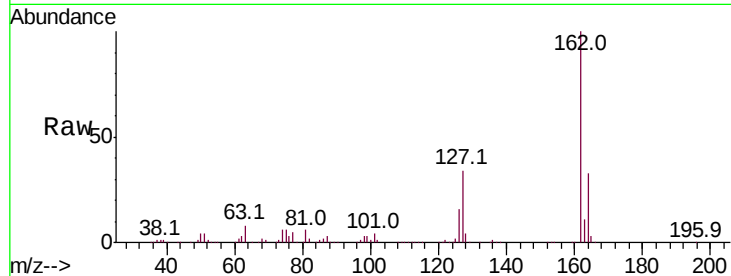
#47
2-Chloronaphthalene
Concen: 38.403 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	474683		
127	34.1	27.6	41.4	
164	33.5	27.3	40.9	

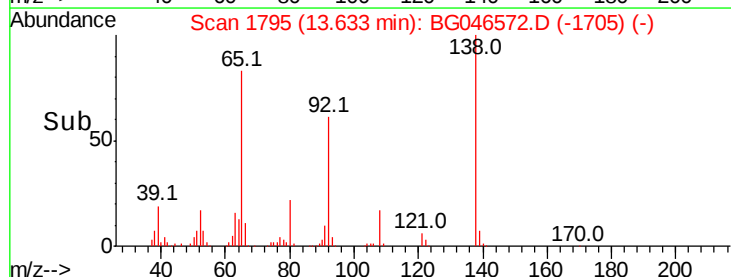
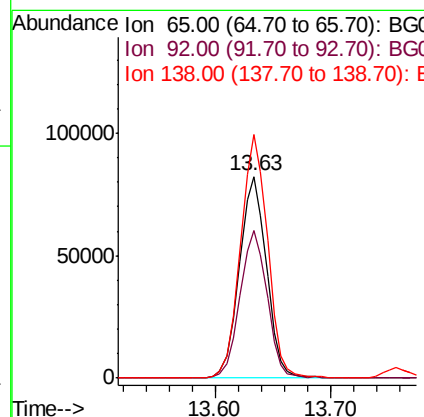
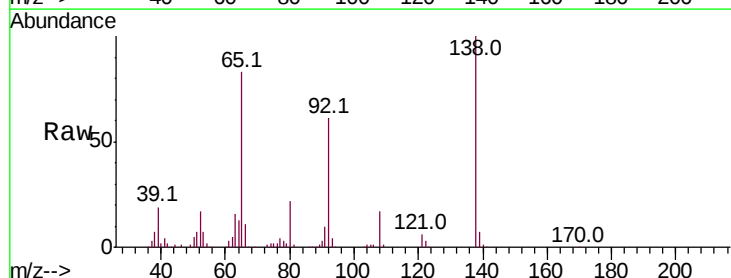
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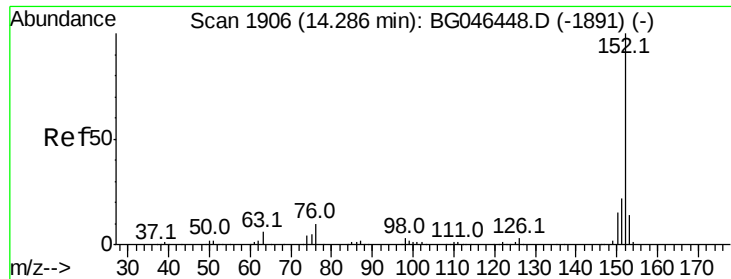
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#48
2-Nitroaniline
Concen: 39.113 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	134245		
92	73.4	58.5	87.7	
138	120.6	98.4	147.6	





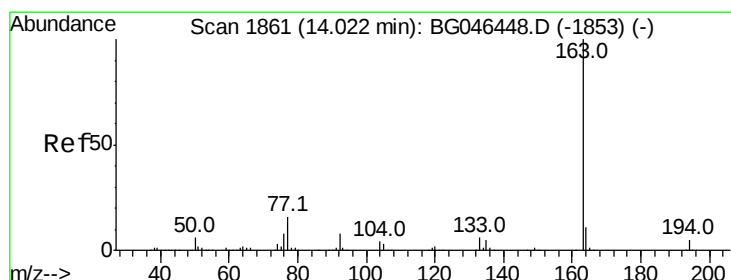
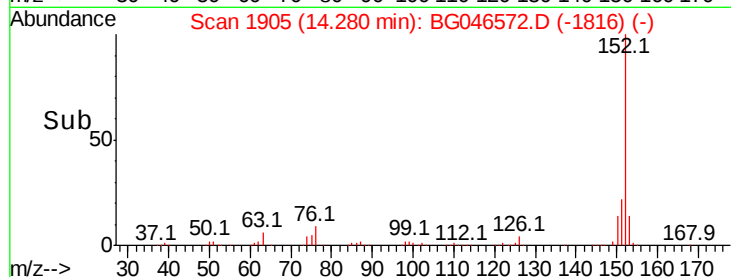
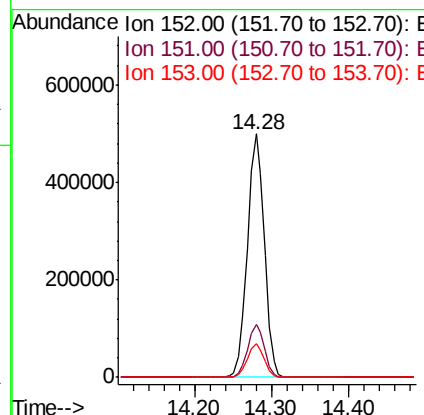
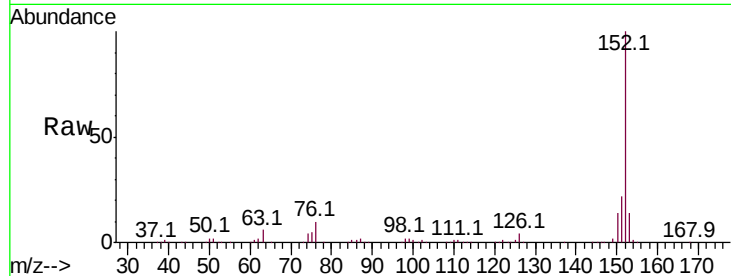
#49
Acenaphthylene
Concen: 41.174 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.7	26.5
153	14.0	11.2	16.8

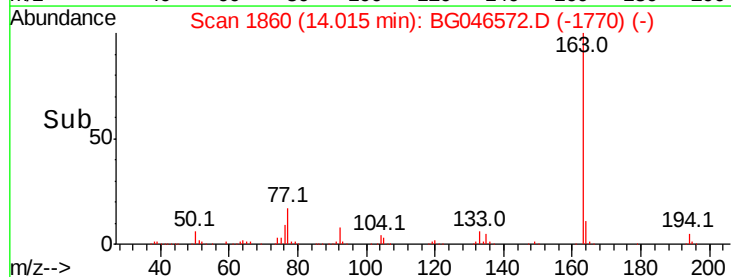
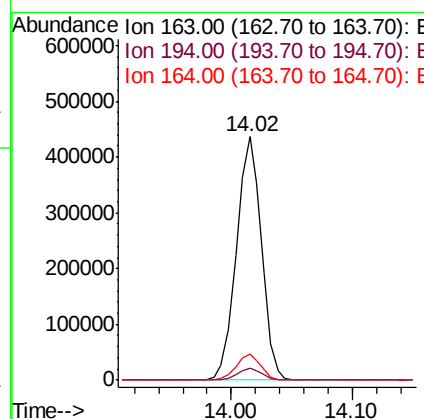
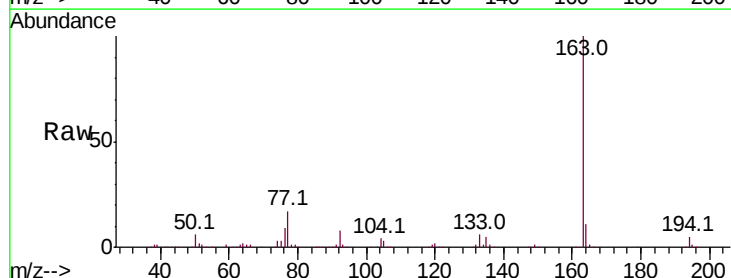
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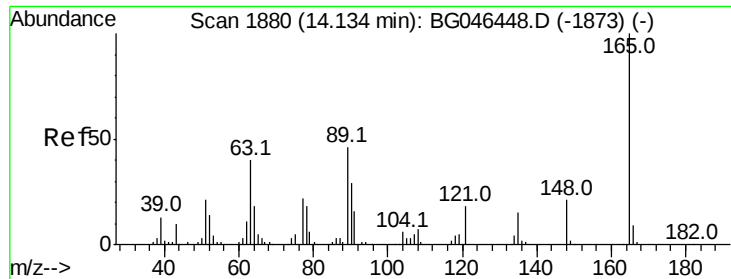
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#50
Dimethylphthalate
Concen: 38.731 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.7	8.6	12.8





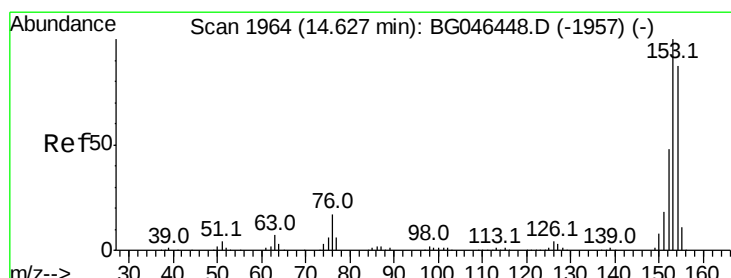
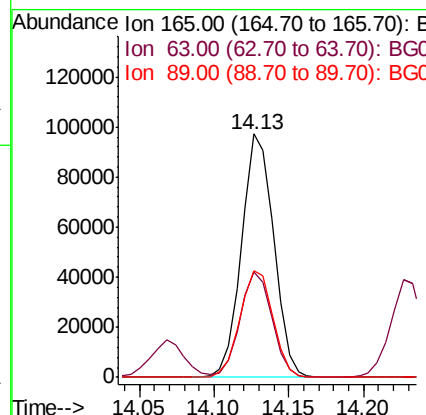
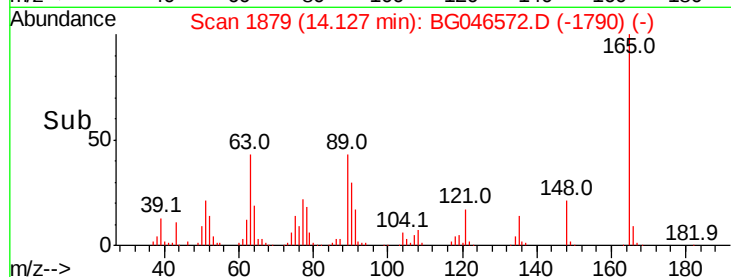
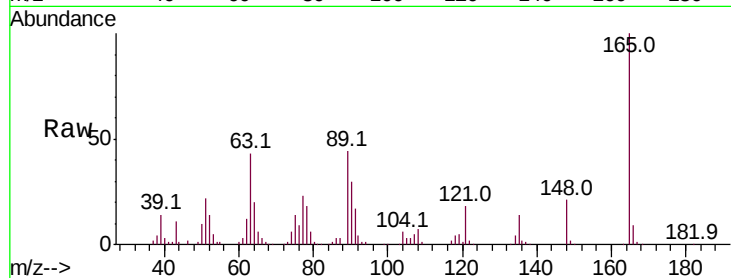
#51
2,6-Dinitrotoluene
Concen: 40.639 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	145219		
63	43.2		34.2	51.4
89	43.6		37.0	55.4

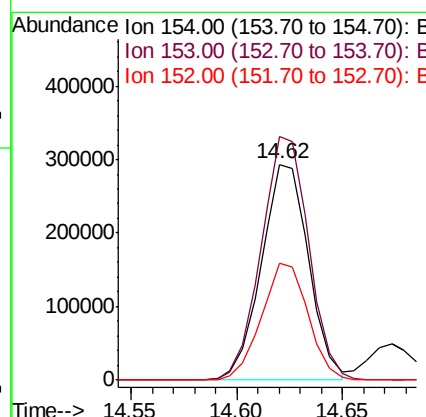
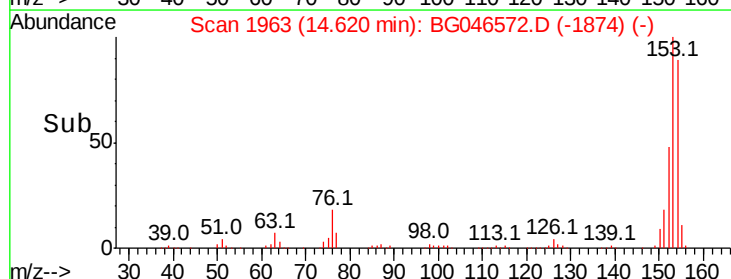
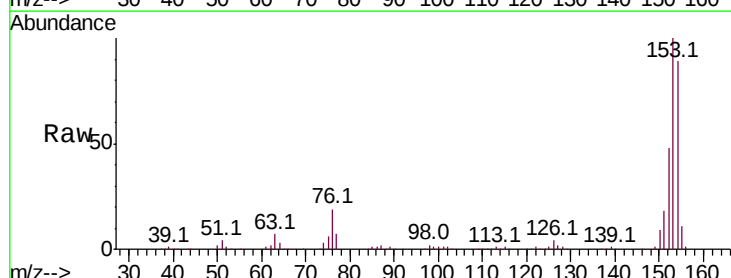
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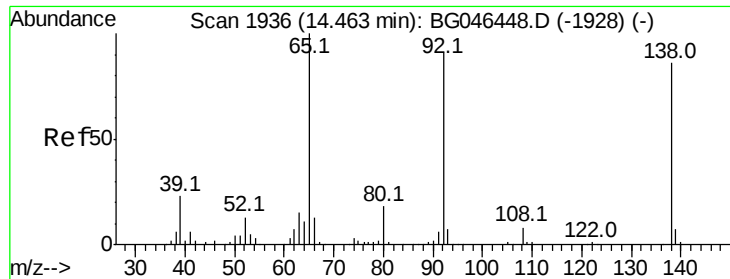
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#52
Acenaphthene
Concen: 39.300 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	456629		
153	112.8		91.9	137.9
152	54.3		43.8	65.6





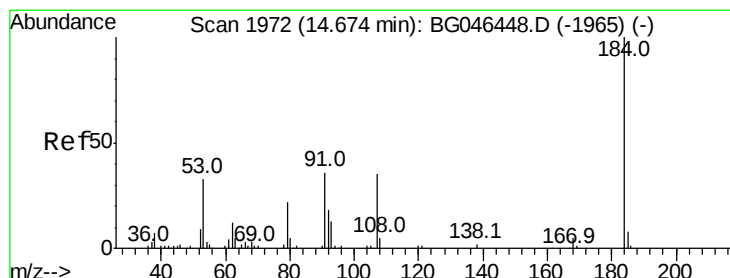
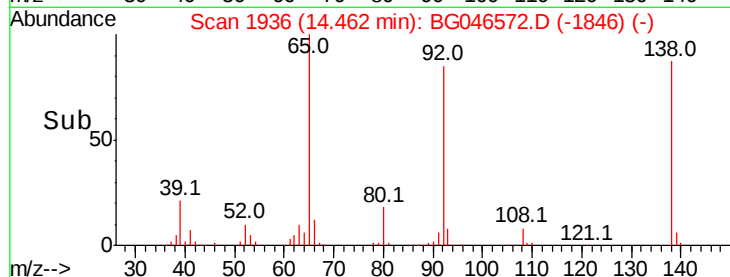
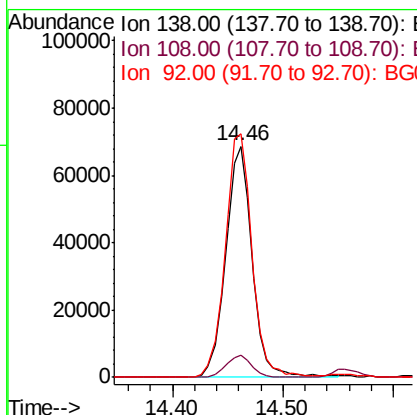
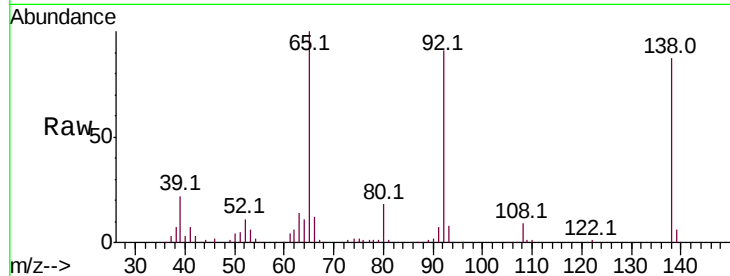
#53
 3-Nitroaniline
 Concen: 29.664 ng
 RT: 14.46 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleID :
 PB131497BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.0	10.6
92	105.3	84.6	127.0

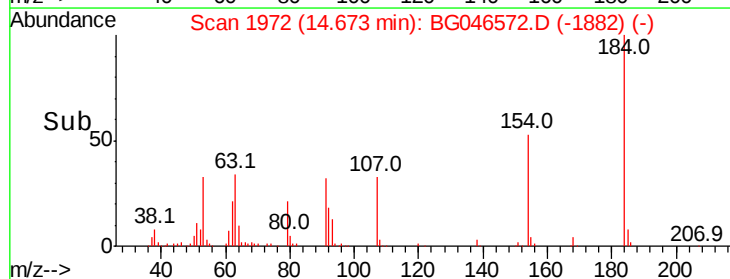
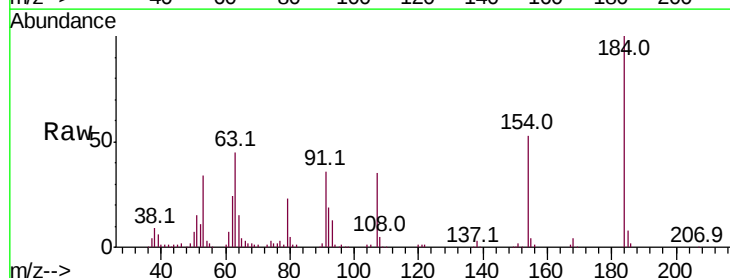
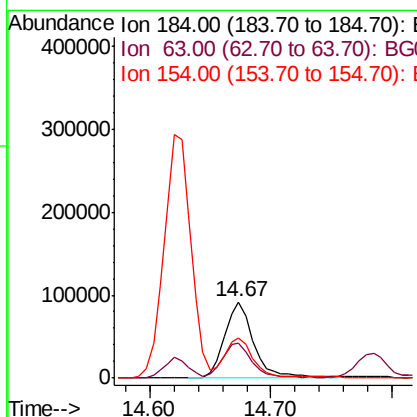
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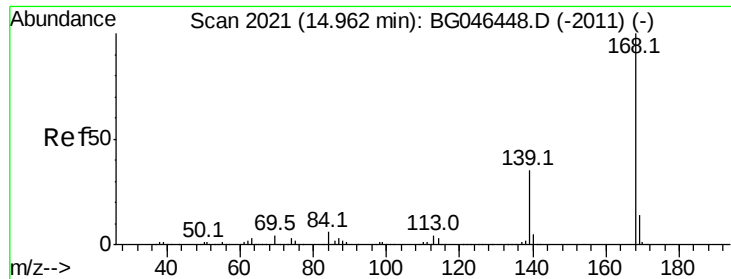
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#54
 2,4-Dinitrophenol
 Concen: 74.206 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.3	35.6	53.4
154	52.8	44.3	66.5





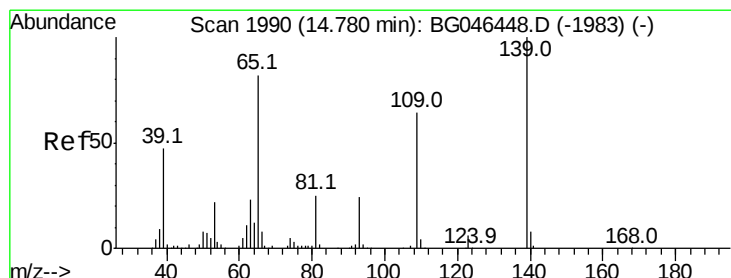
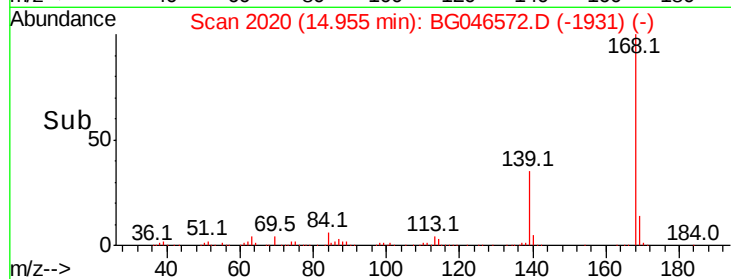
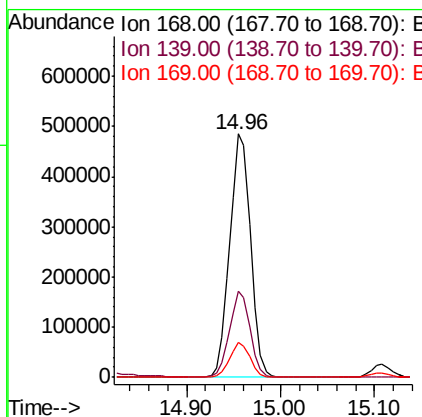
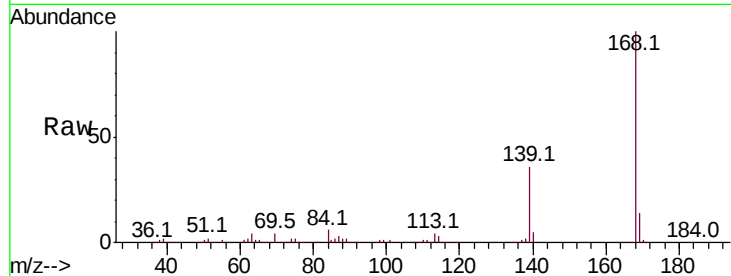
#55
Dibenzofuran
Concen: 39.890 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.1	42.1
169	14.3	11.5	17.3

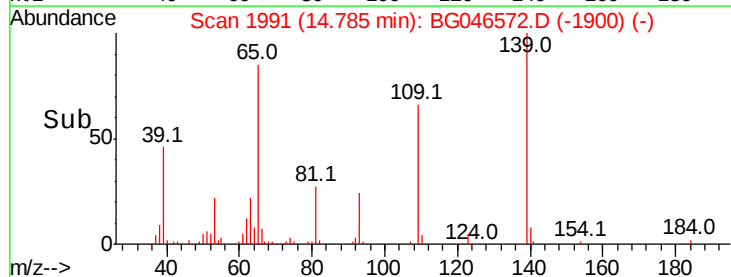
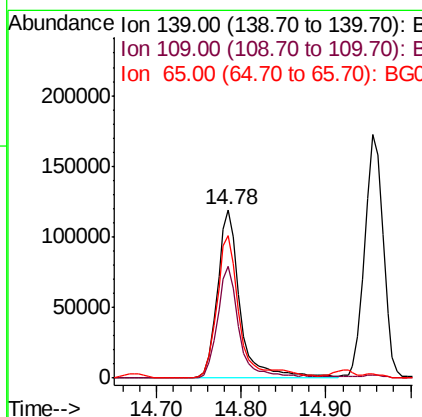
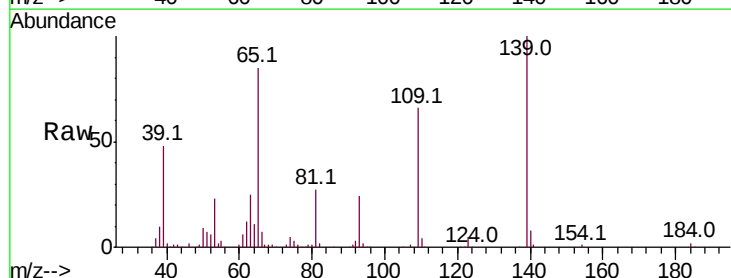
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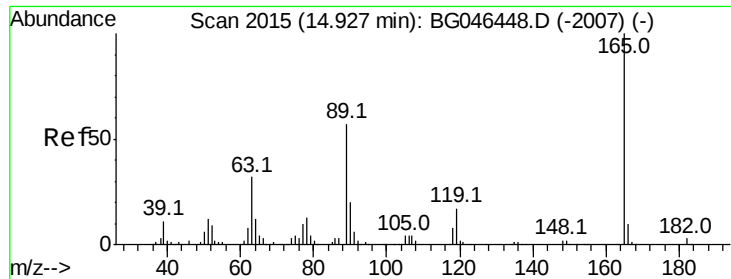
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#56
4-Nitrophenol
Concen: 78.625 ng
RT: 14.78 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	44.3	84.3
65	84.7	61.5	101.5





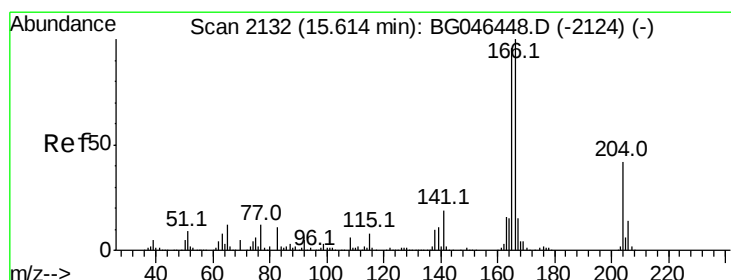
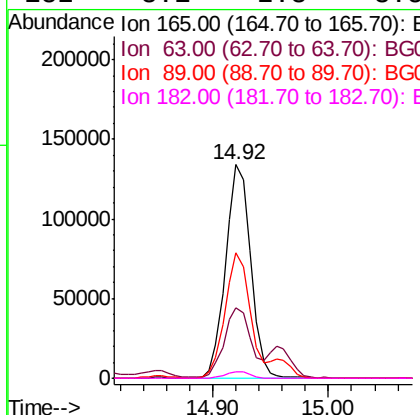
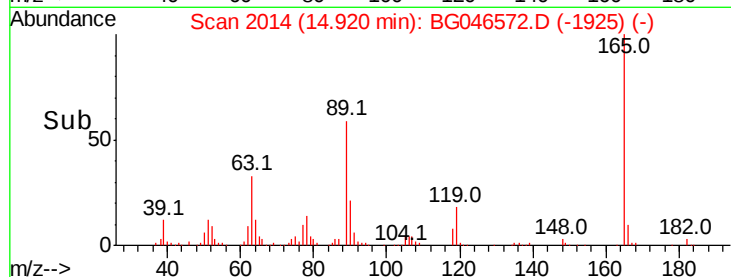
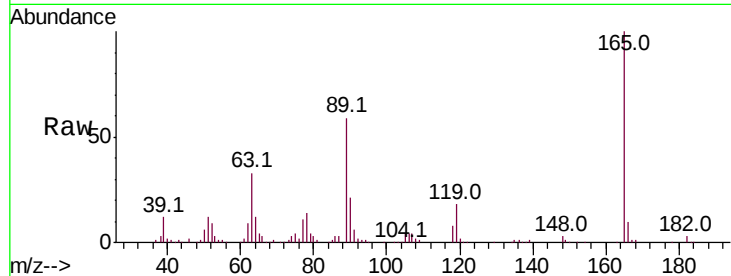
#57
2,4-Dinitrotoluene
Concen: 39.673 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	202147		
63	33.0	25.4	38.0	
89	58.6	45.9	68.9	
182	3.1	2.3	3.5	

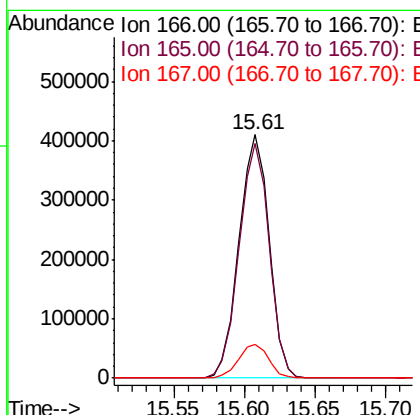
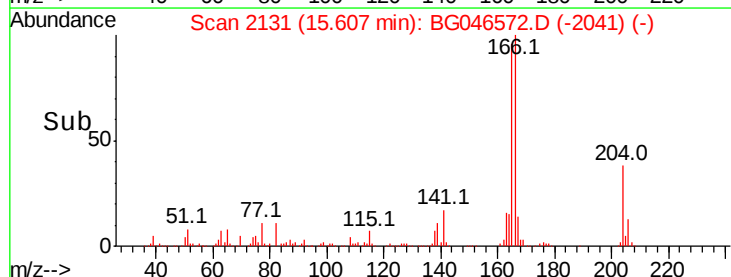
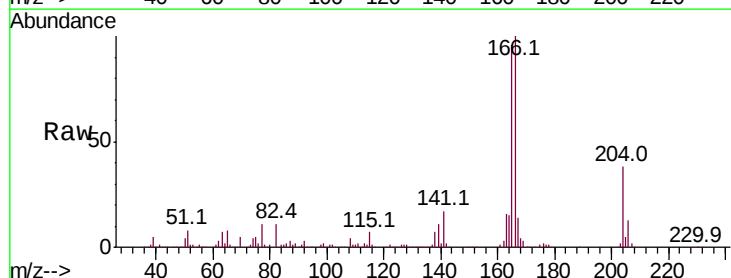
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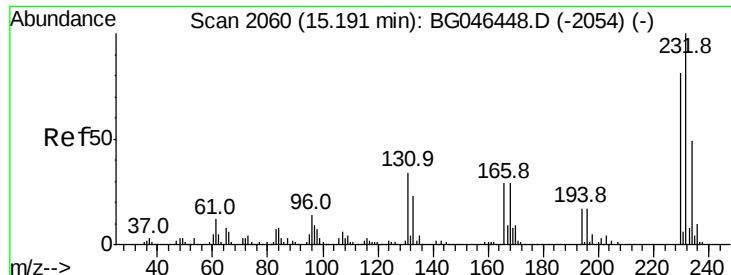
mohammad
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#58
Fluorene
Concen: 39.160 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	612862		
165	96.1	77.0	115.4	
167	14.0	11.8	17.6	





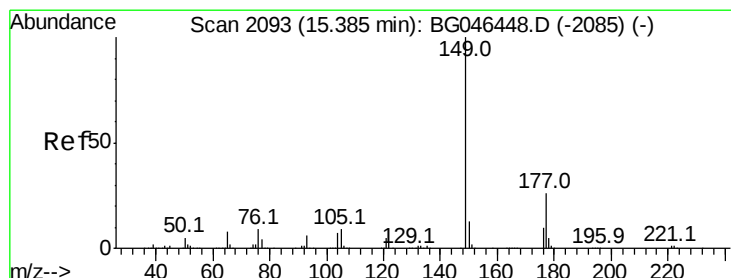
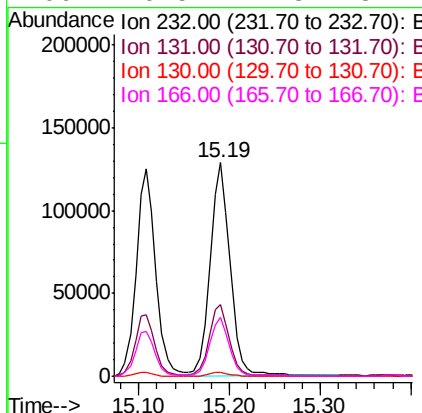
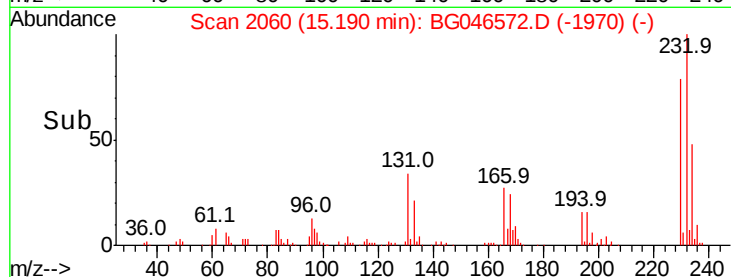
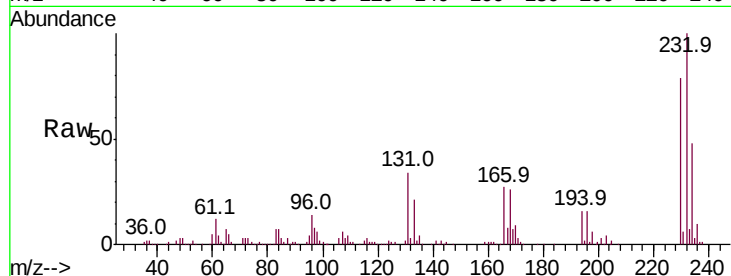
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.184 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	195932		
131	33.8	26.8	40.2	
130	1.8	1.4	2.2	
166	26.5	22.8	34.2	

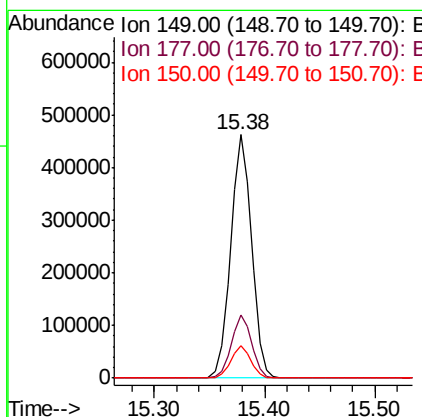
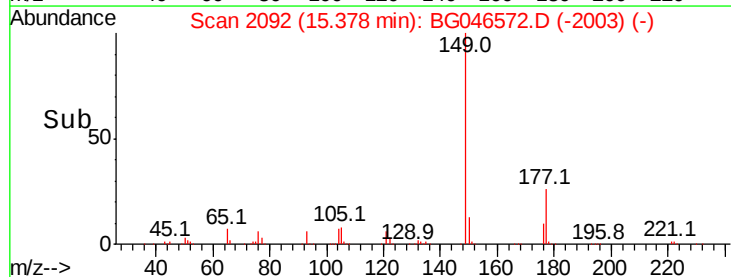
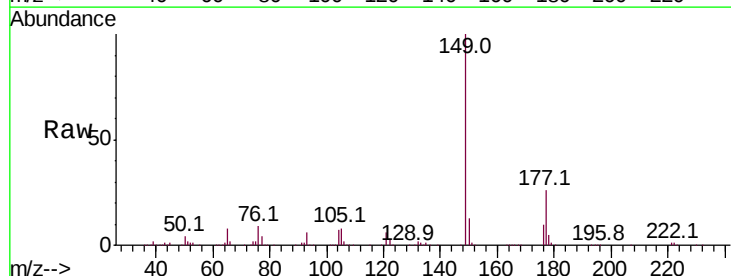
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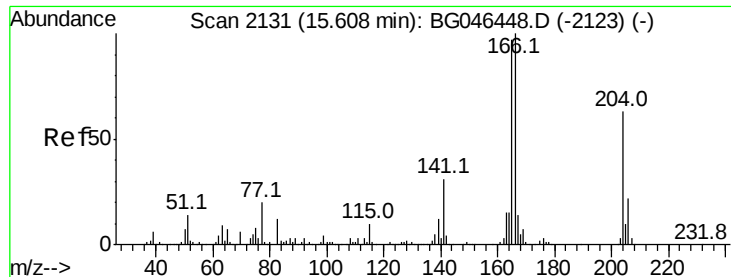
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#60
 Diethylphthalate
 Concen: 38.921 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	615161		
177	25.8	20.6	30.8	
150	13.2	10.3	15.5	





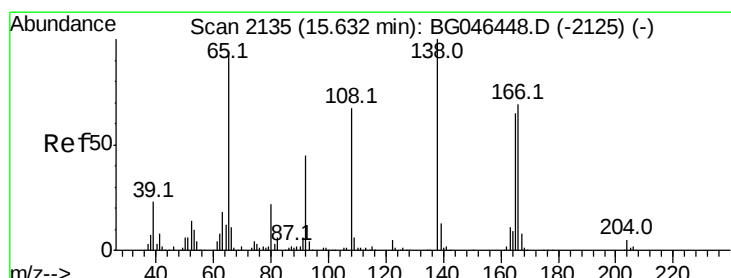
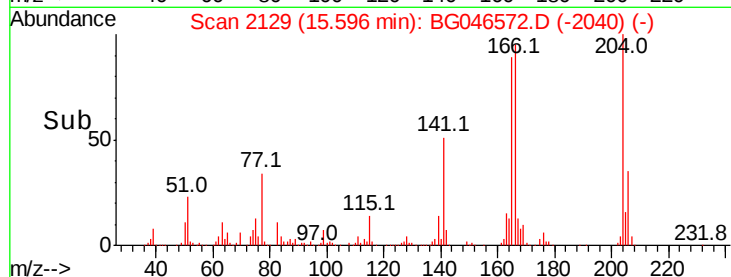
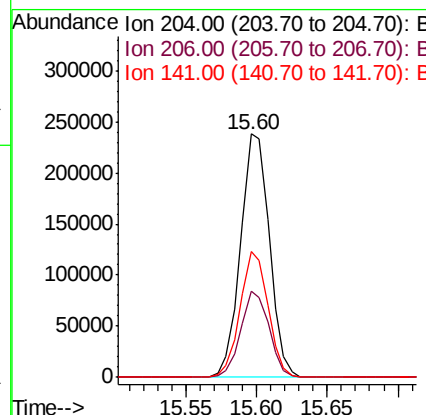
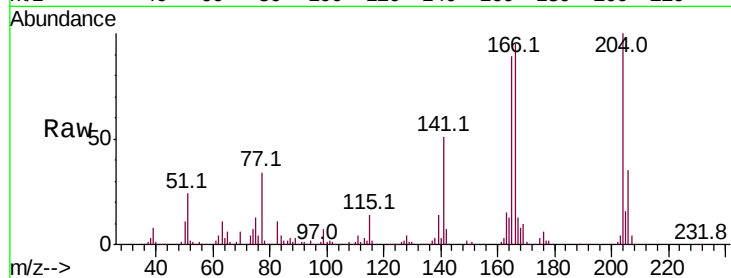
#61
4-Chlorophenyl-phenylether
Concen: 39.400 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	27.7	41.5
141	51.5	38.7	58.1

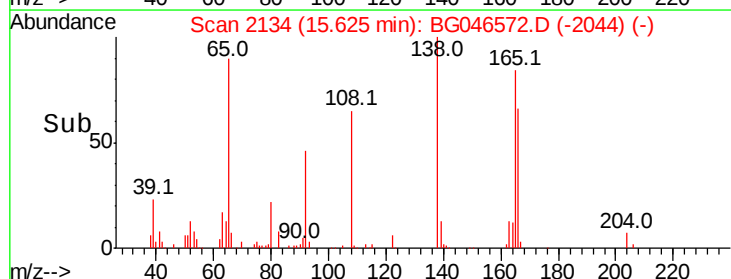
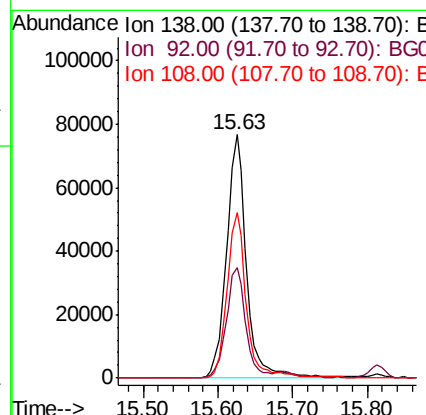
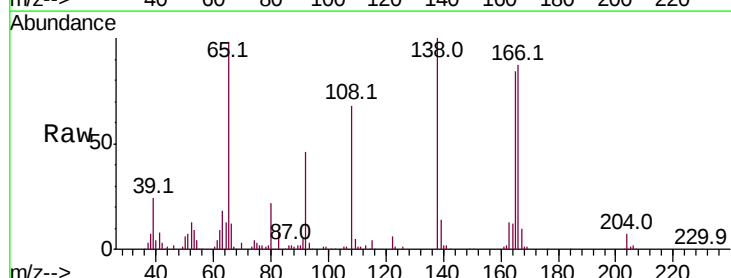
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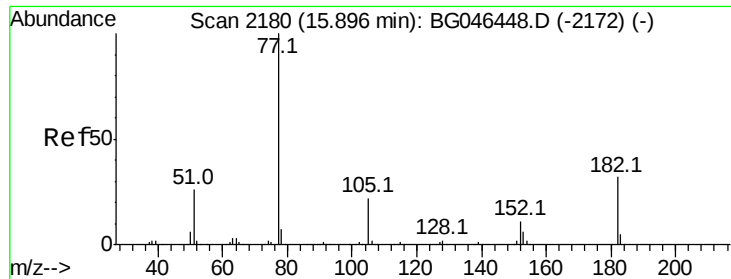
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#62
4-Nitroaniline
Concen: 35.029 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	25.3	65.3
108	67.9	46.7	86.7





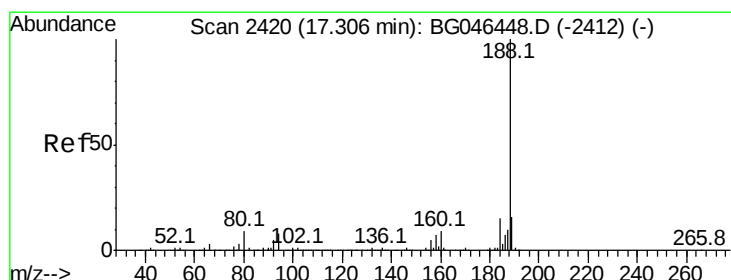
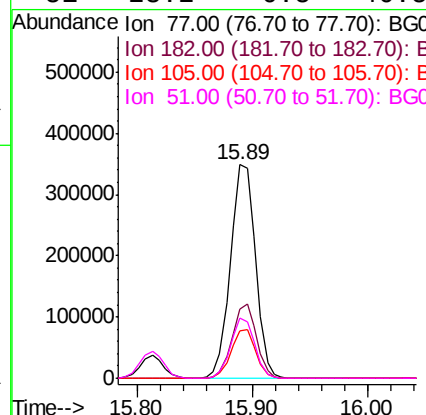
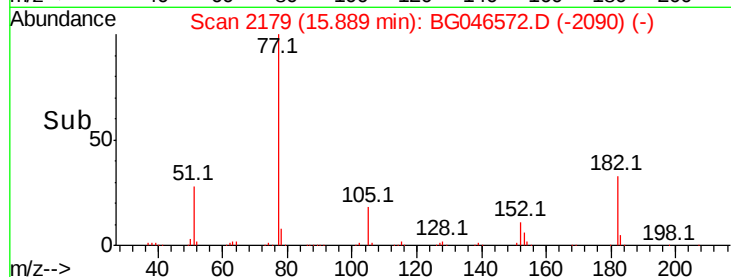
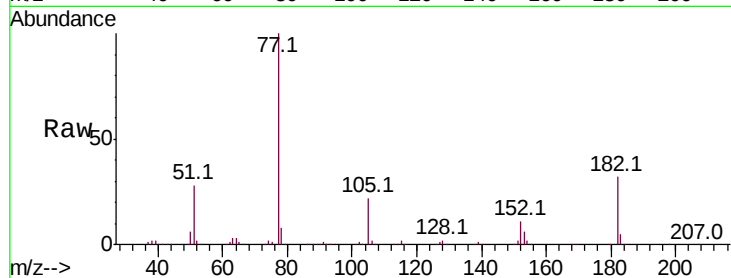
#63
Azobenzene
Concen: 40.540 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampled :
PB131497BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		521216		
182	32.5	12.3	52.3		
105	22.2	2.3	42.3		
51	28.2	6.5	46.5		

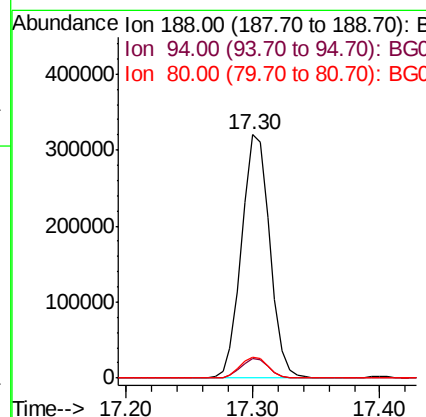
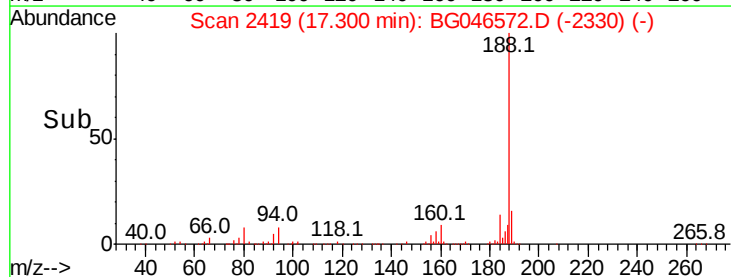
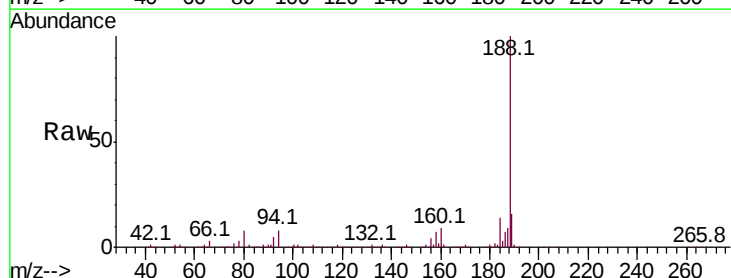
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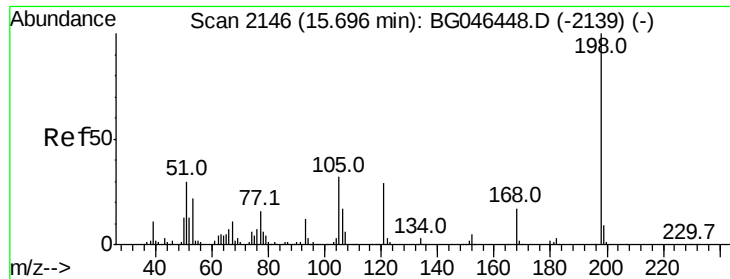
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		491133		
94	8.2	6.3	9.5		
80	8.4	6.9	10.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 44.490 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

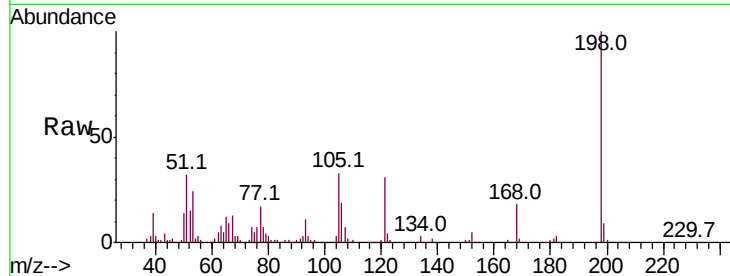
ClientSampleId :

PB131497BS

Tot Ion:	198	Resp:	123675
Ion Ratio	Lower	Upper	
198	100		
51	31.9	10.4	50.4
105	33.3	12.4	52.4

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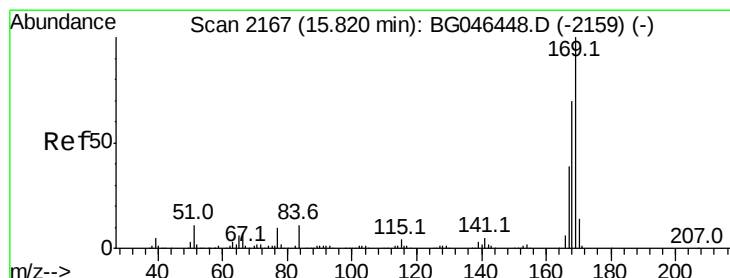
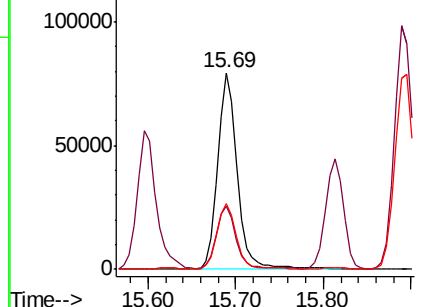
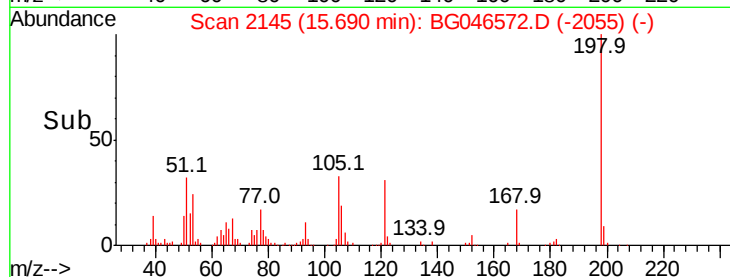
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.278 ng

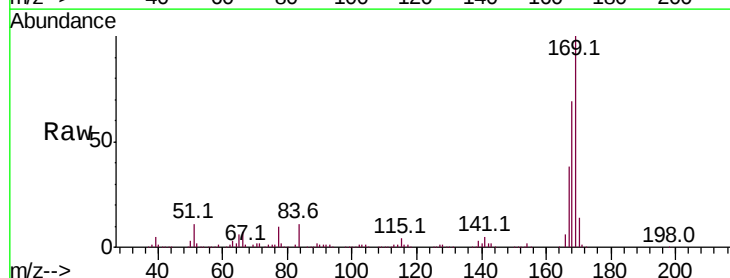
RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

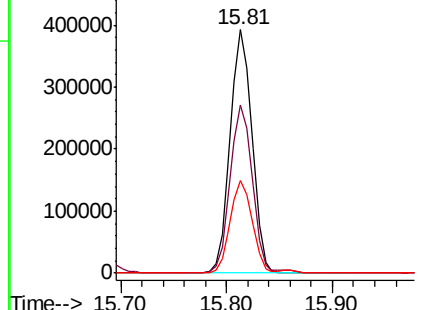
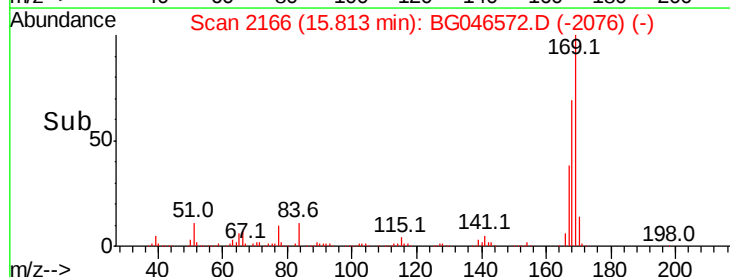
Tgt Ion:	169	Resp:	560170
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.8	83.8
167	37.9	31.0	46.6

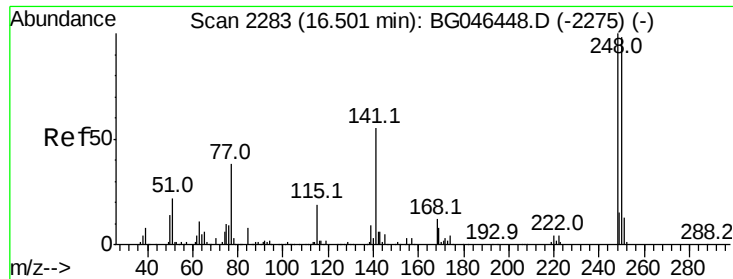


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





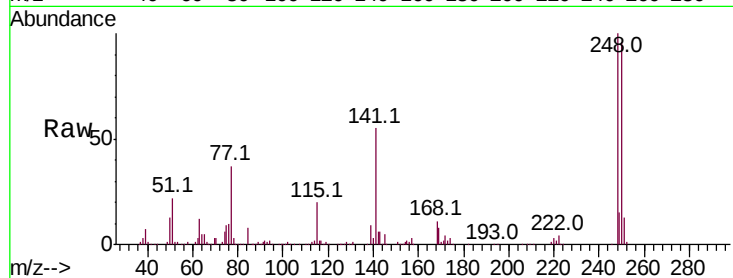
#67
4-Bromophenyl-phenylether
Concen: 41.010 ng
RT: 16.49 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	118.0
141	55.2	43.9	65.9

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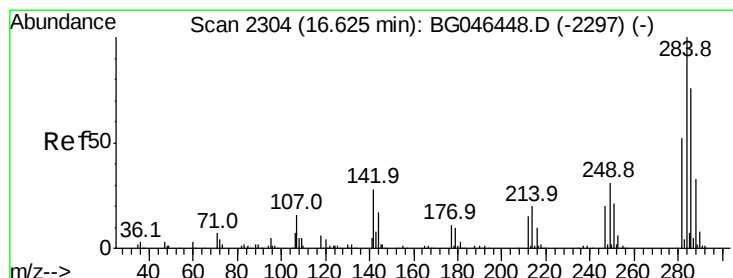
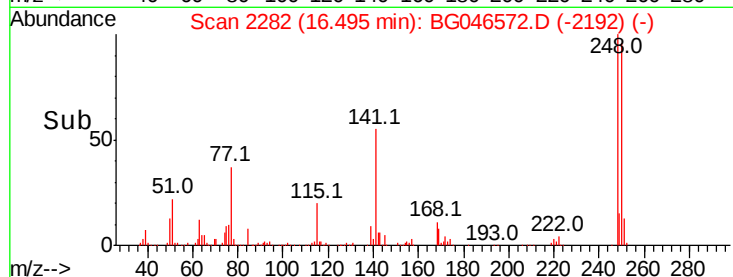
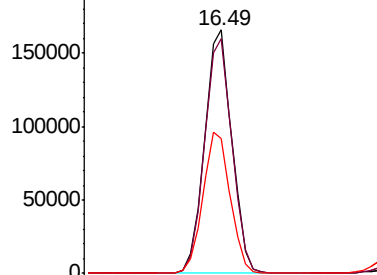


Abundance

Ion 248.00 (247.70 to 248.70): E

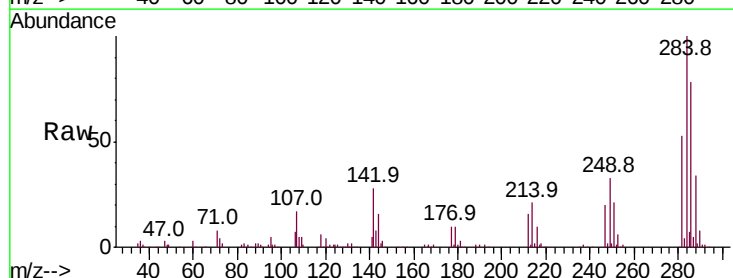
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.624 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	22.3	33.5
249	32.5	24.8	37.2

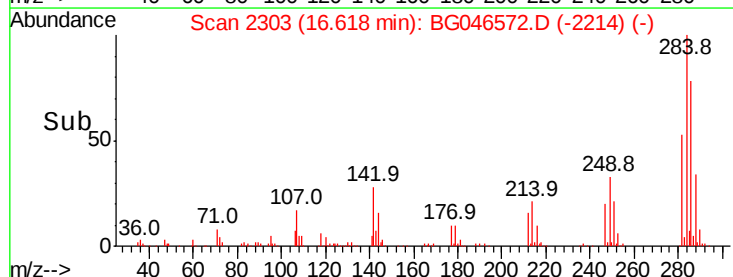
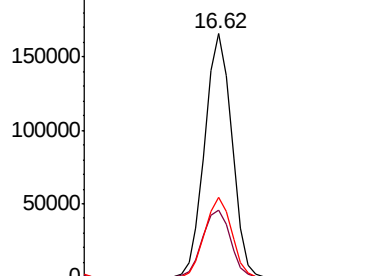


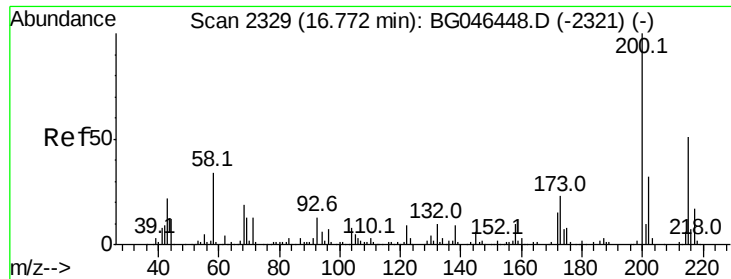
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





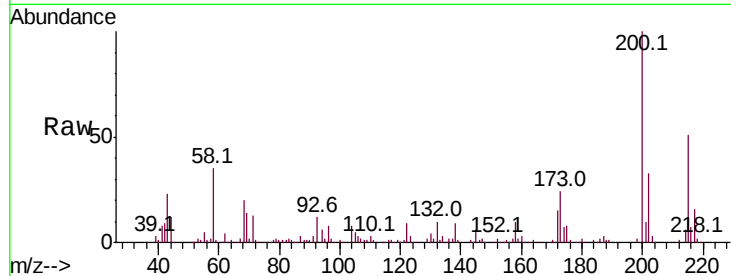
#69
Atrazine
Concen: 37.485 ng
RT: 16.76 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	3.3	43.3
215	50.8	30.9	70.9

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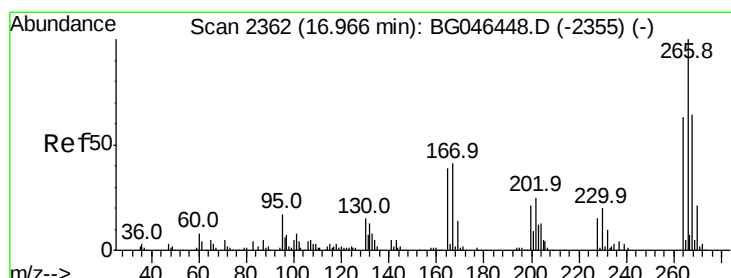
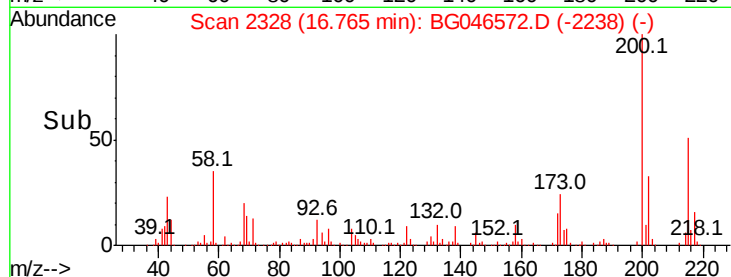
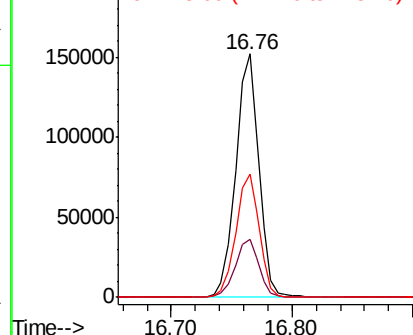


Abundance

Ion 200.00 (199.70 to 200.70): E

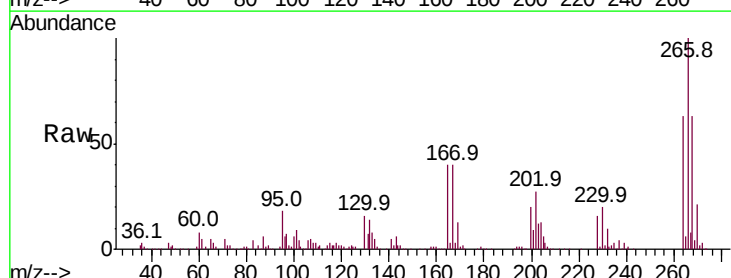
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.466 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.5	50.2	75.2

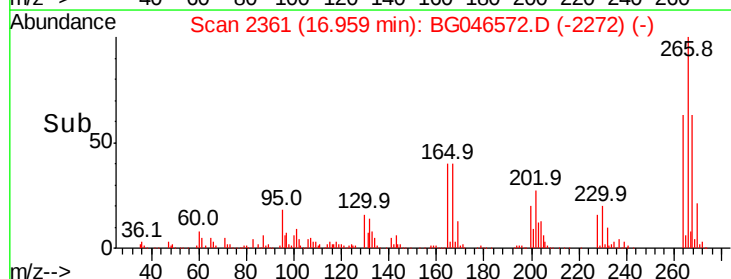
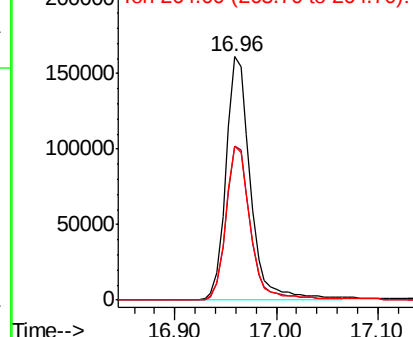


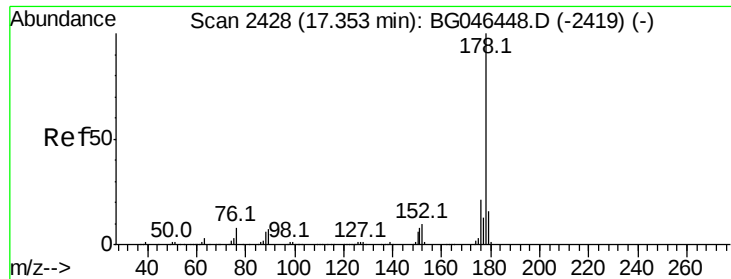
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





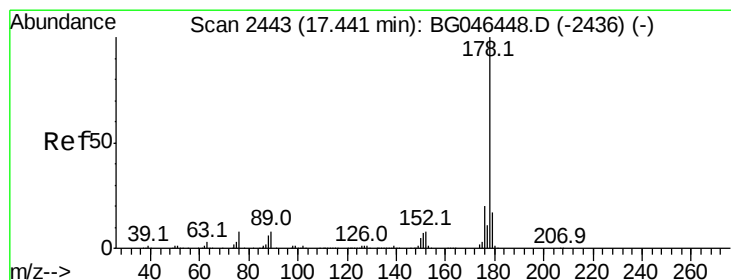
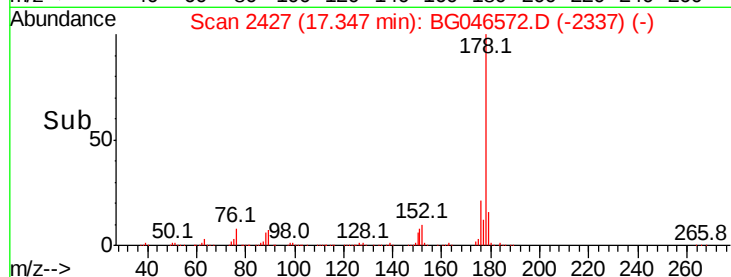
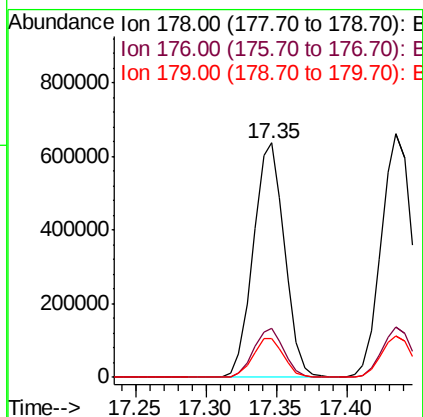
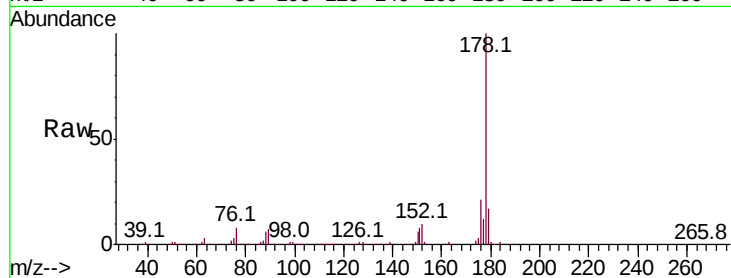
#71
Phenanthrene
Concen: 39.740 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.8	25.2
179	16.6	13.2	19.8

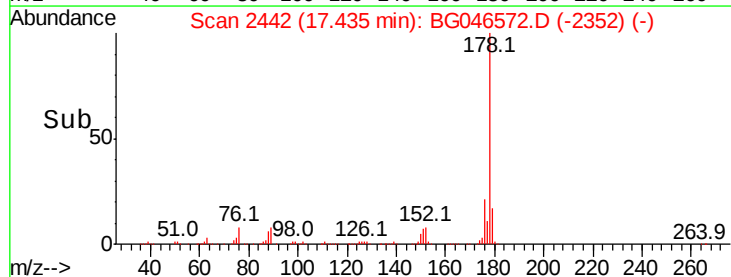
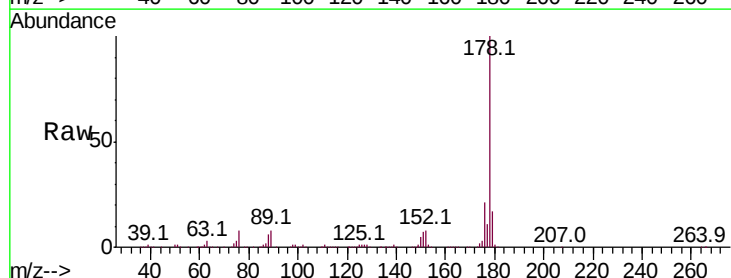
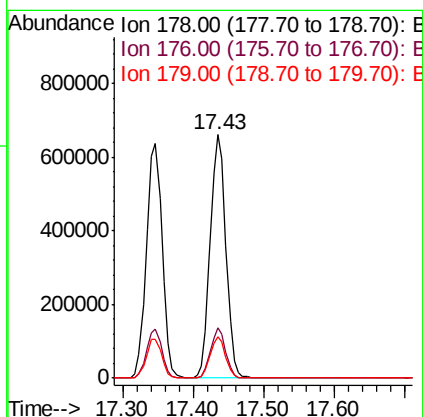
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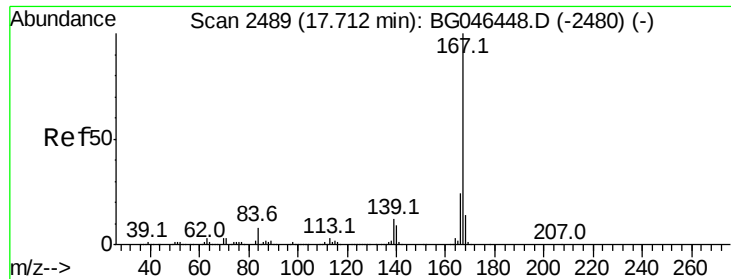
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#72
Anthracene
Concen: 41.658 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.9	13.3	19.9





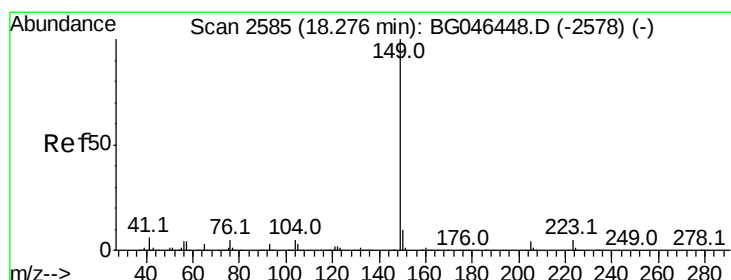
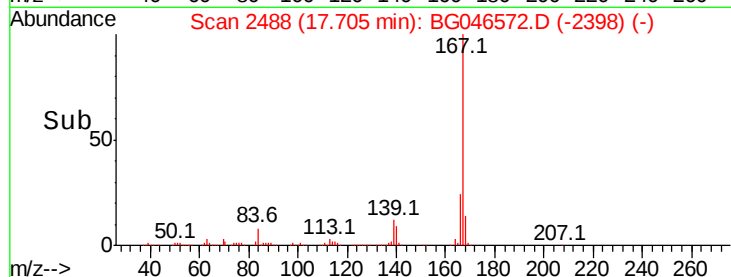
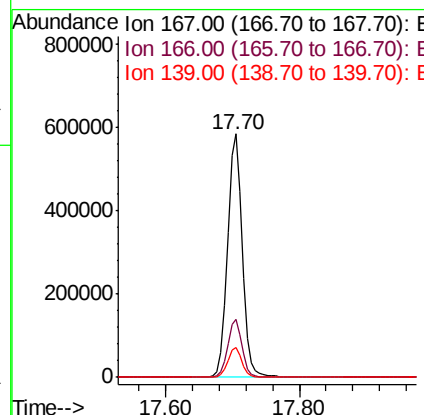
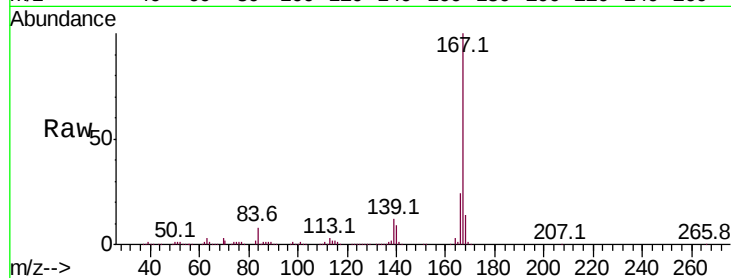
#73
 Carbazole
 Concen: 39.396 ng
 RT: 17.70 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.3	28.9
139	12.1	9.7	14.5

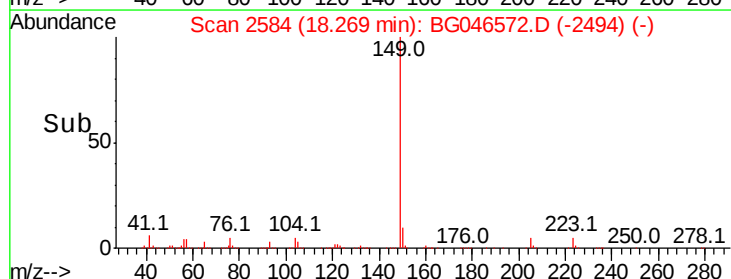
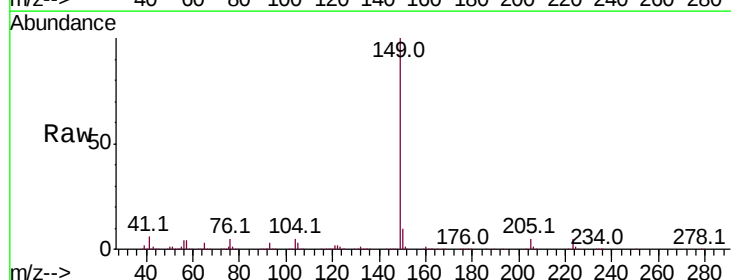
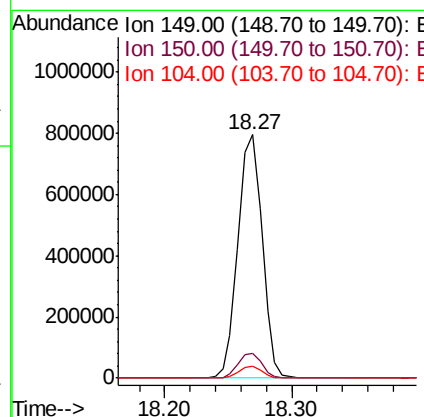
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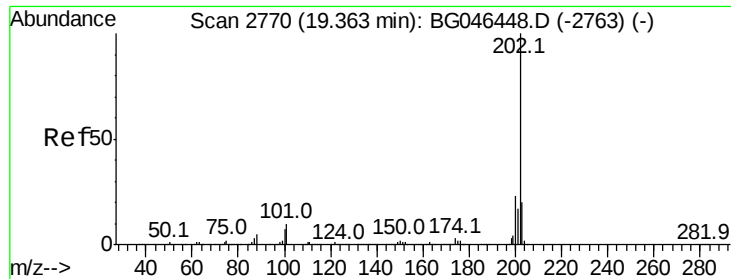
mohammad
 9/10/2020 10:35:54 AM



#74
 Di-n-butylphthalate
 Concen: 39.275 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 38.376 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

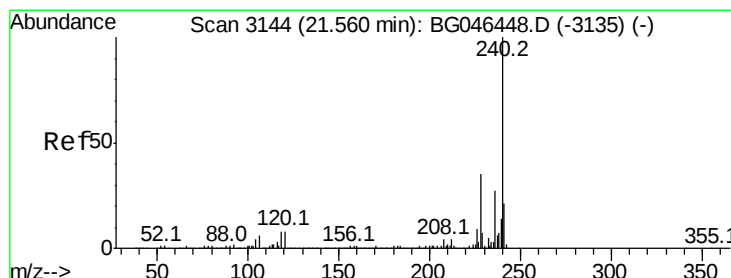
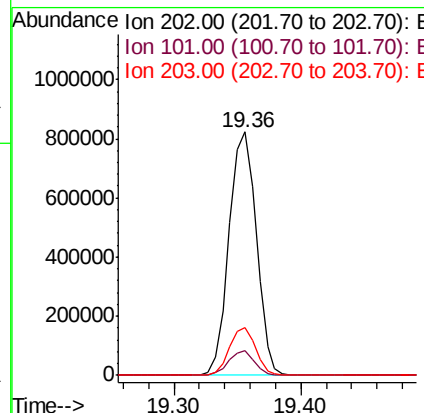
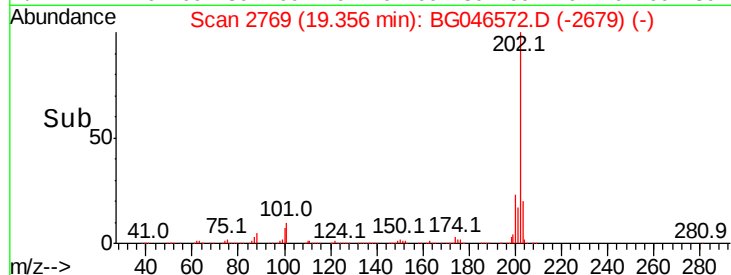
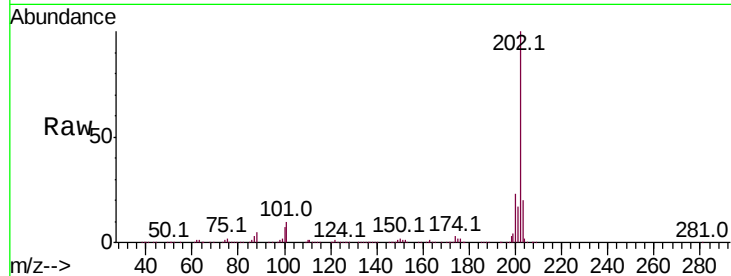
ClientSampleId :

PB131497BS

Tot Ion:	202	Resp:	1229411
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.9
203	19.6	0.0	40.0

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#76

Chrysene-d12

Concen: 20.000 ng

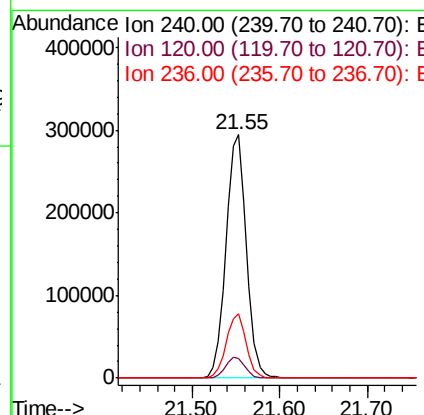
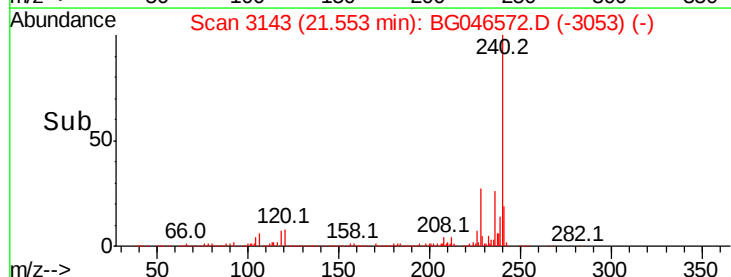
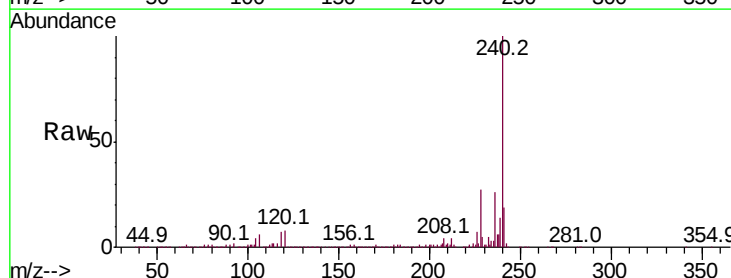
RT: 21.55 min Scan# 3143

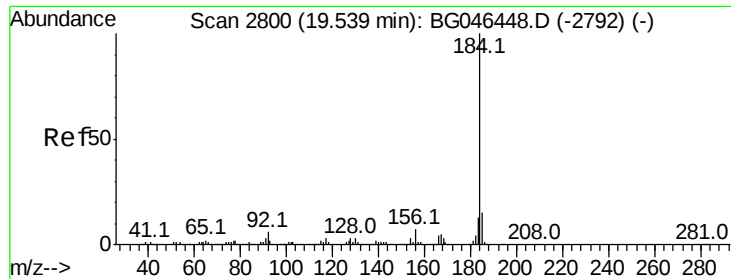
Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:	240	Resp:	473106
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.6	10.0
236	26.4	21.4	32.2





#77

Benzidine

Concen: 54.088 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

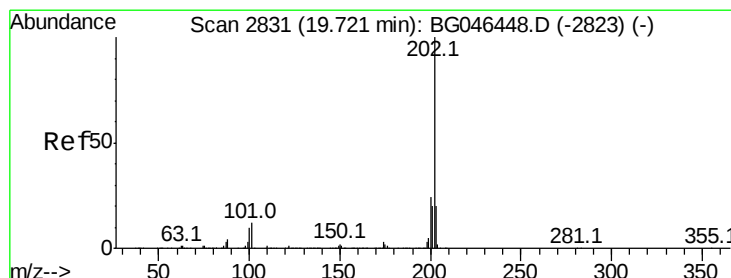
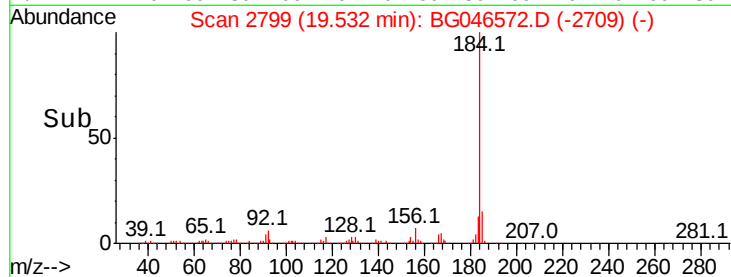
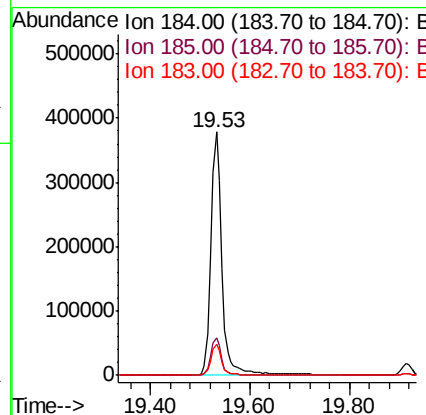
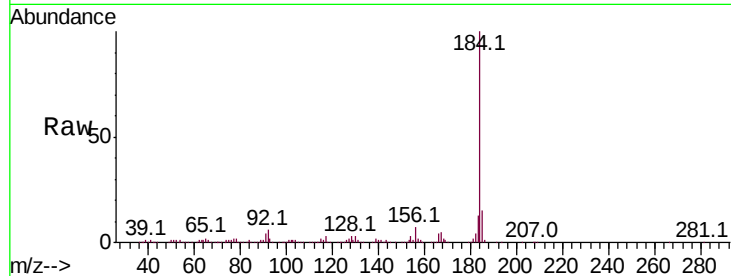
ClientSampleId :

PB131497BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.3	11.8	17.8	
183	13.0	10.7	16.1	

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#78

Pyrene

Concen: 40.383 ng

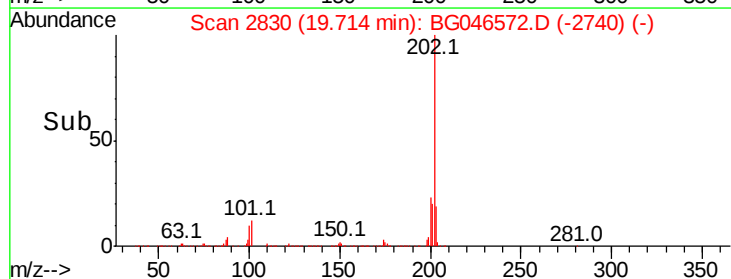
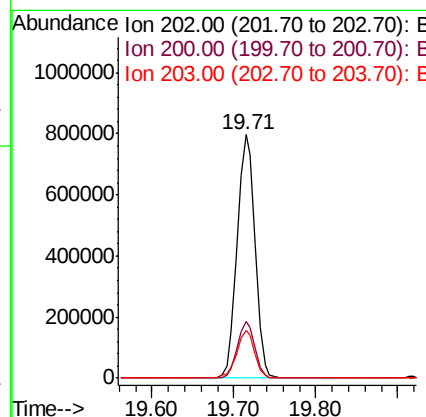
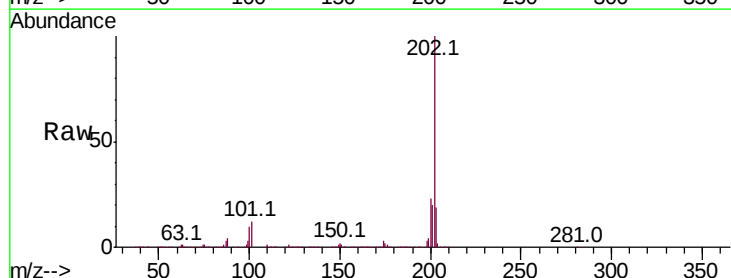
RT: 19.71 min Scan# 2830

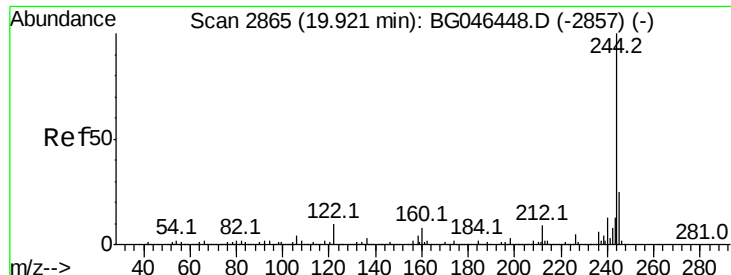
Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	23.3	18.9	28.3	
203	19.4	16.1	24.1	





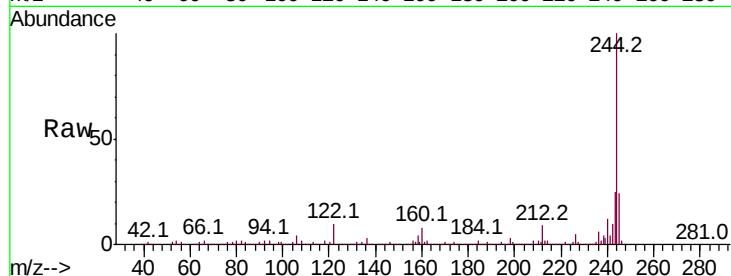
#79
 Terphenyl-d14
 Concen: 67.596 ng
 RT: 19.91 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleID :
 PB131497BS

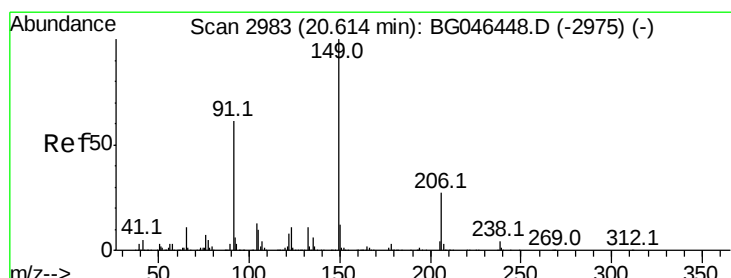
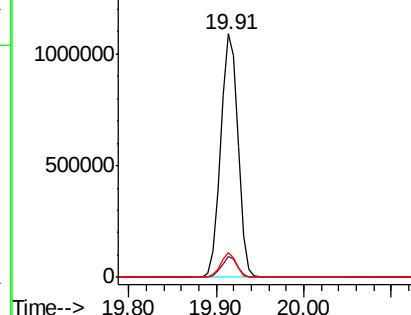
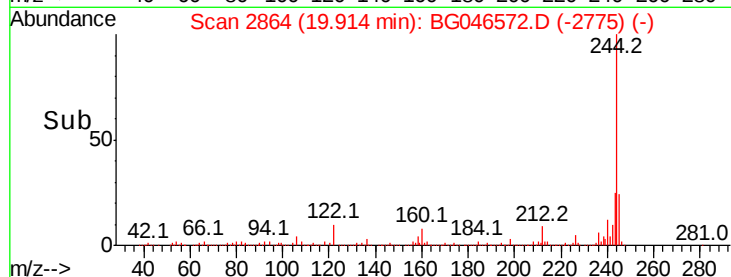
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	10.0	8.2	12.4

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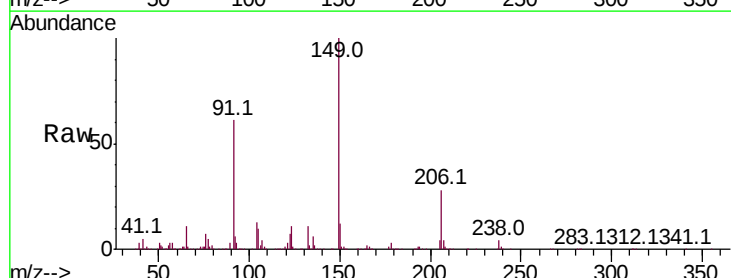


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

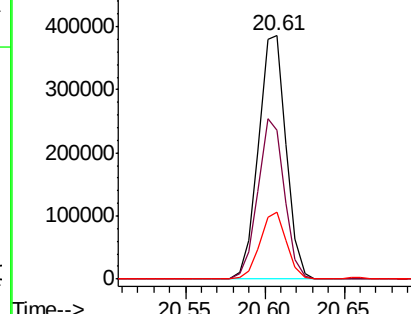
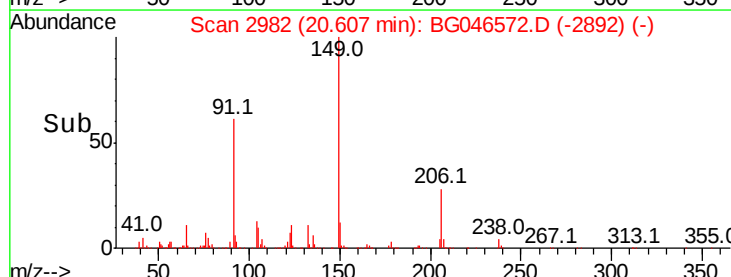


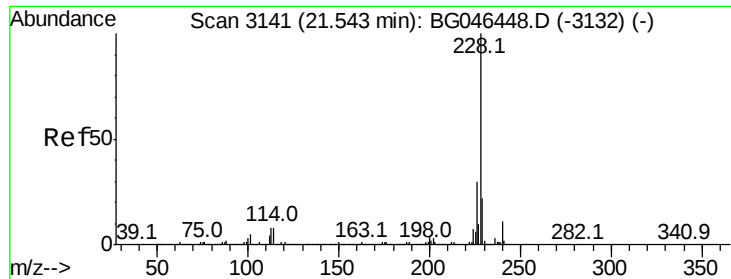
#80
 Butylbenzylphthalate
 Concen: 39.887 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.4	49.1	73.7
206	27.7	21.9	32.9



Abundance Ion 149.00 (148.70 to 149.70): E
 500000 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





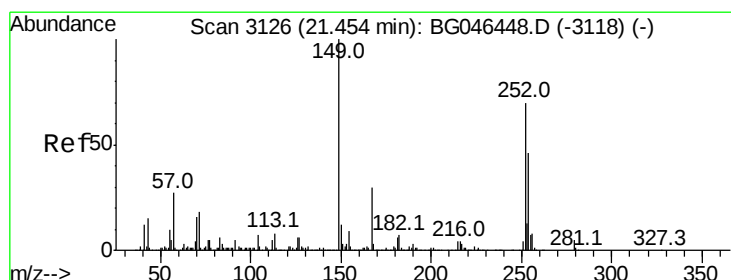
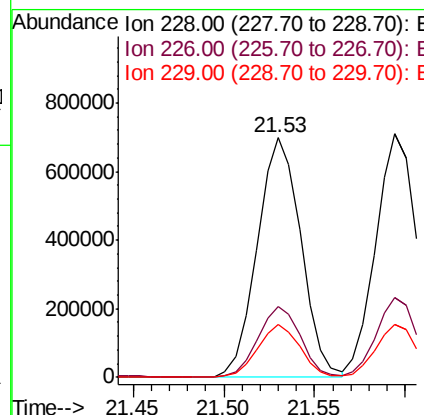
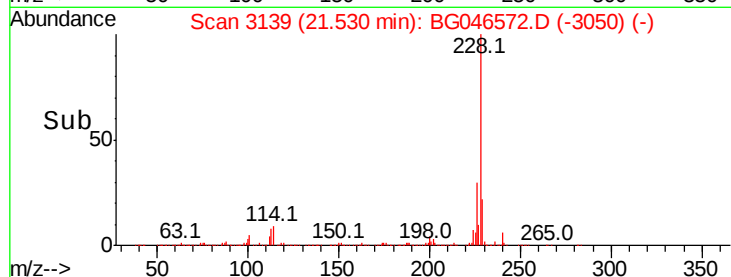
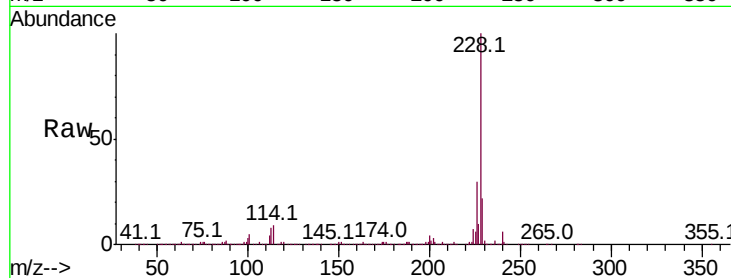
#81
Benzo(a)anthracene
Concen: 39.632 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	22.1	17.4	26.2

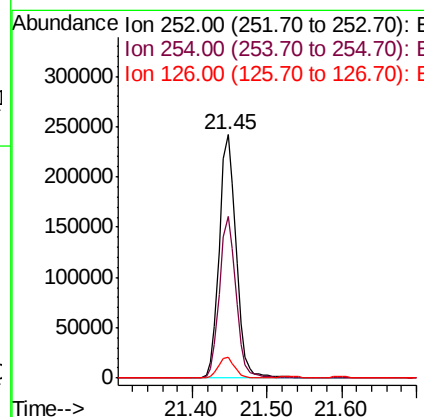
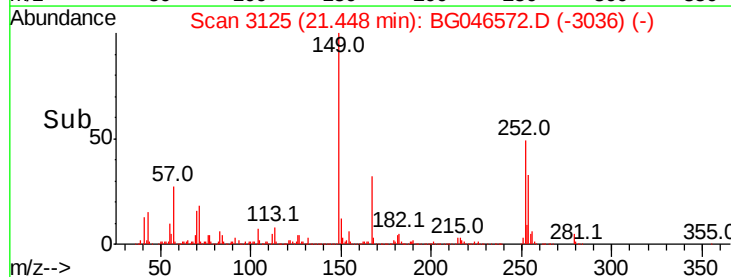
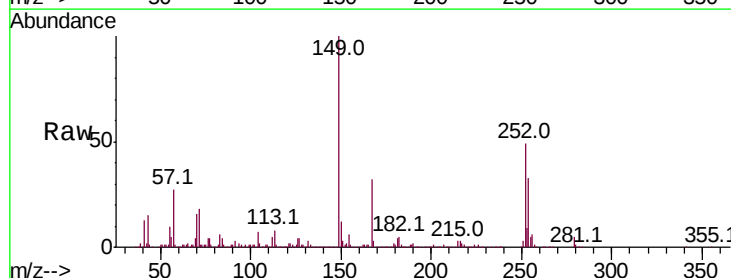
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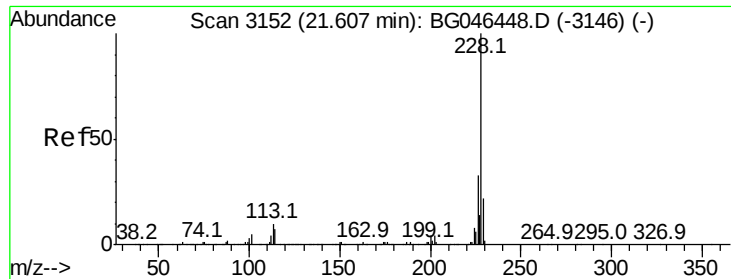
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.665 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.9	77.9
126	8.7	7.4	11.0





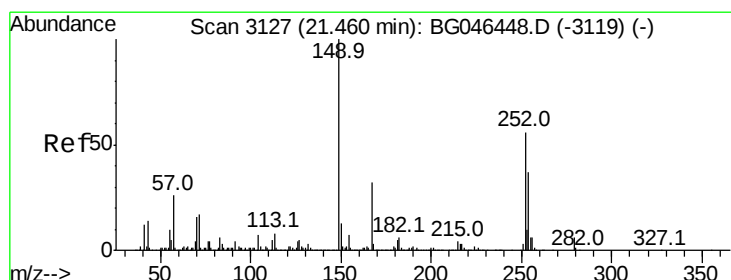
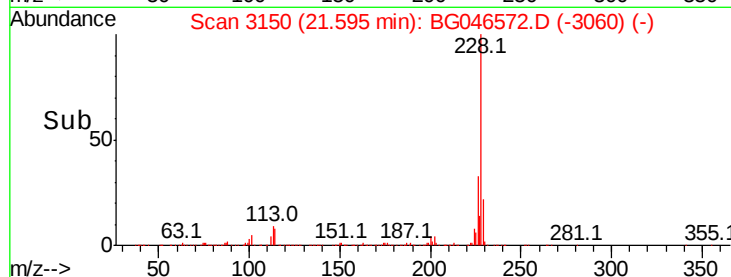
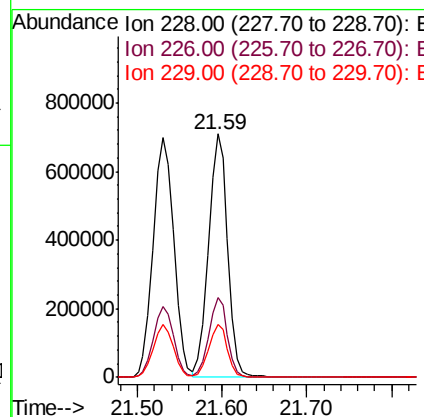
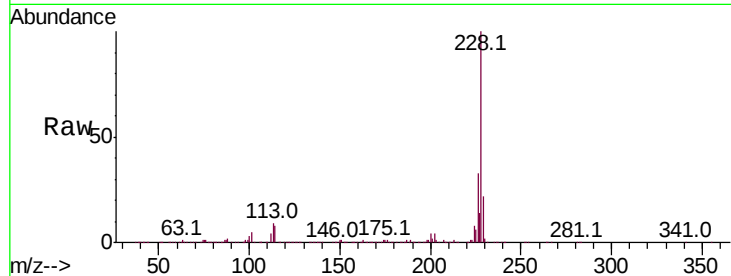
#83
Chrysene
Concen: 39.384 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	21.8	17.9	26.9

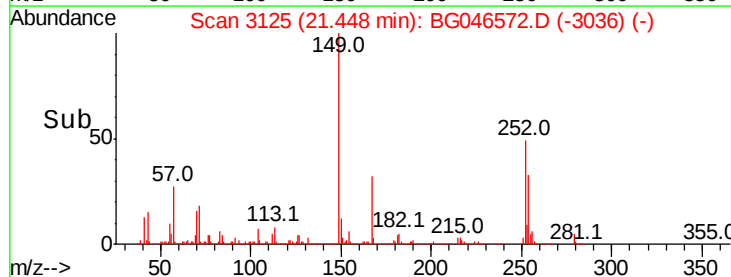
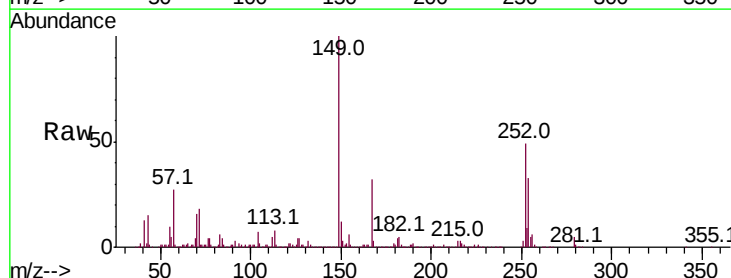
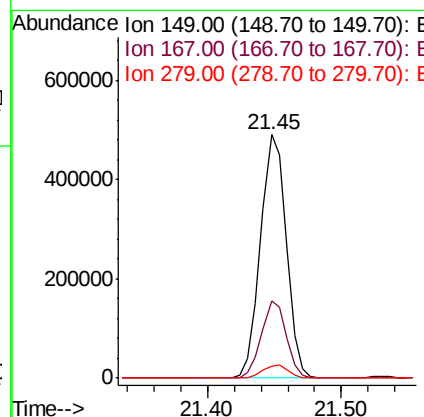
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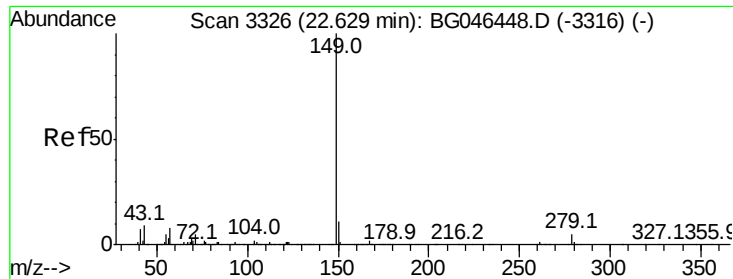
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.658 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.4	38.2
279	5.1	4.5	6.7





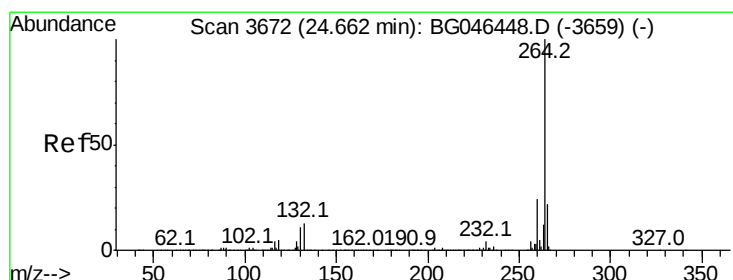
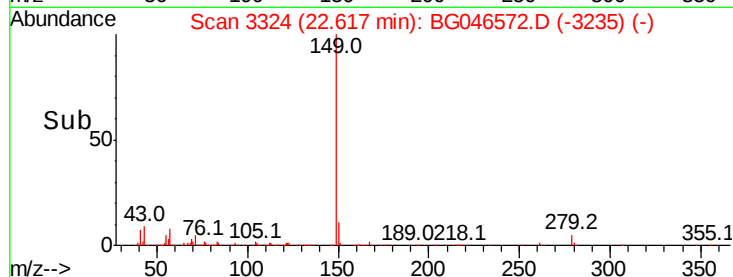
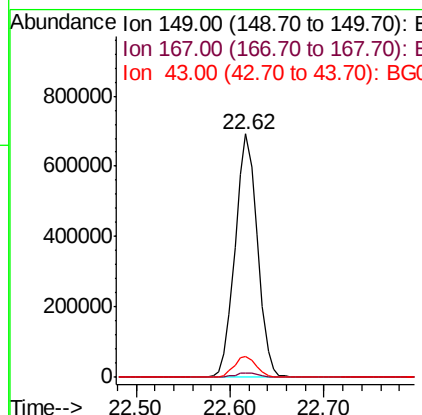
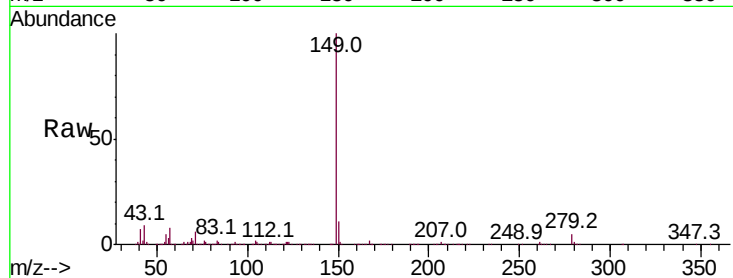
#85
Di-n-octyl phthalate
Concen: 41.232 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	8.5	7.0	10.4

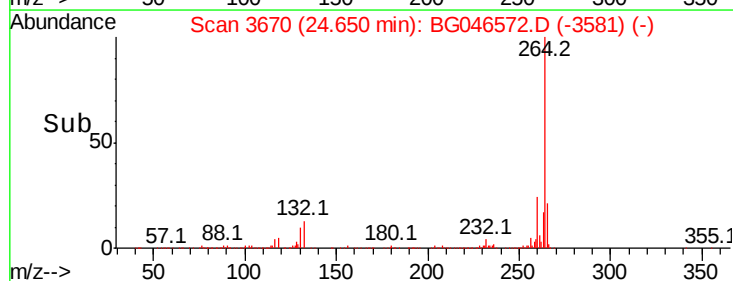
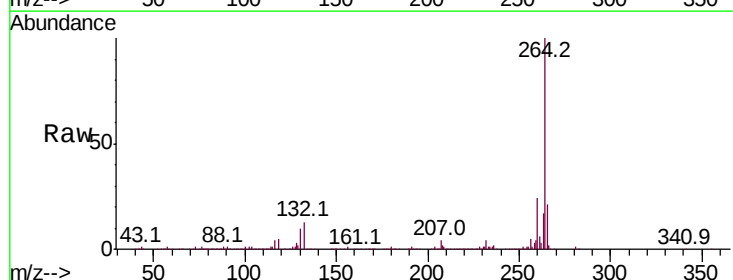
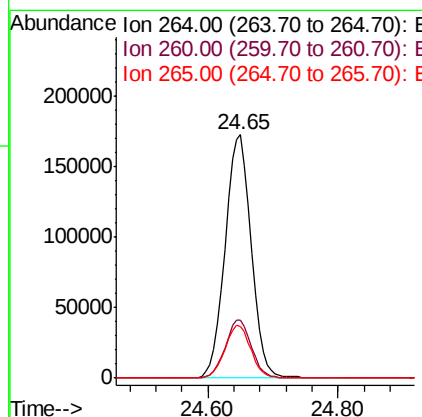
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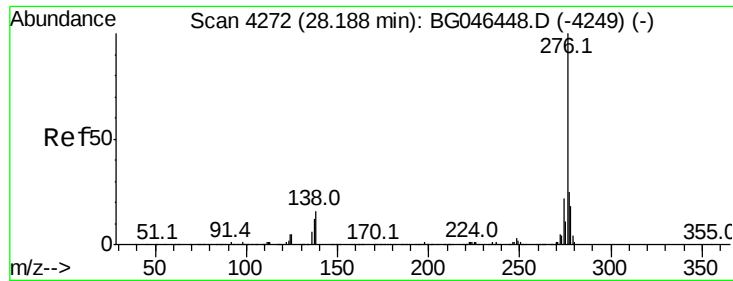
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.9	26.9





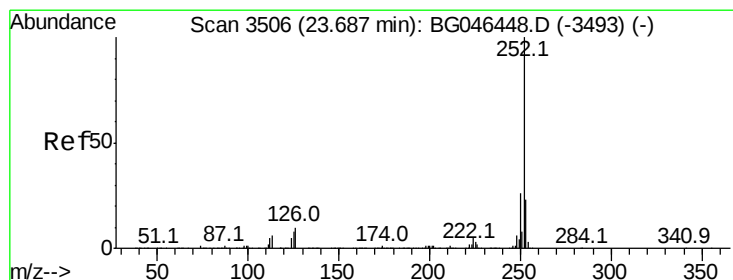
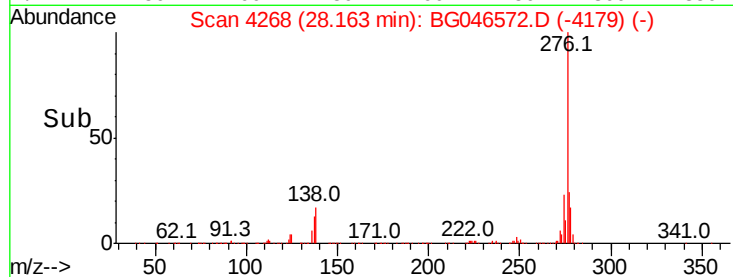
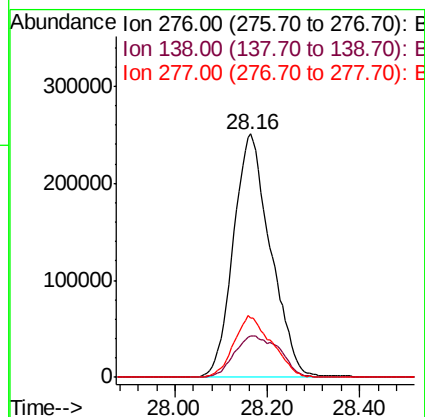
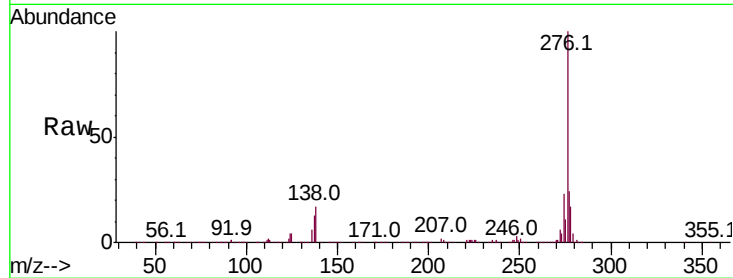
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.922 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	25.9	20.7	31.1

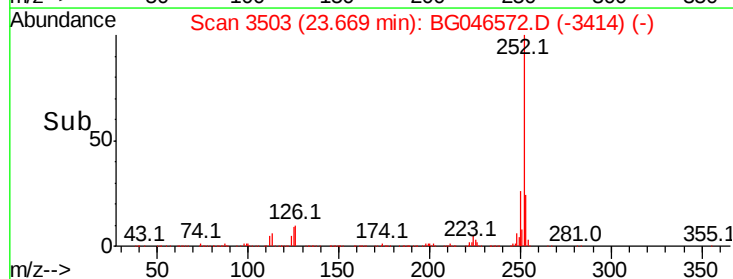
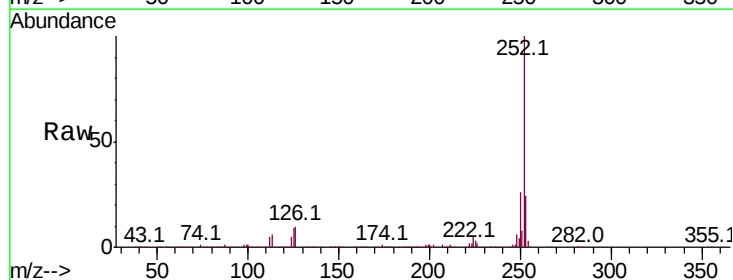
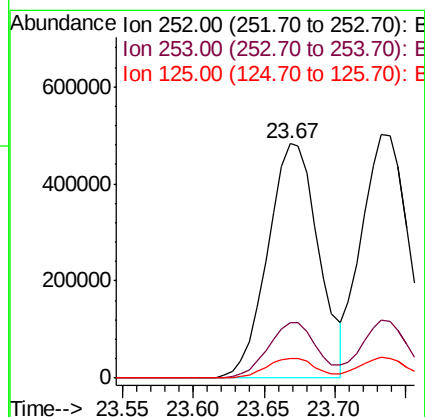
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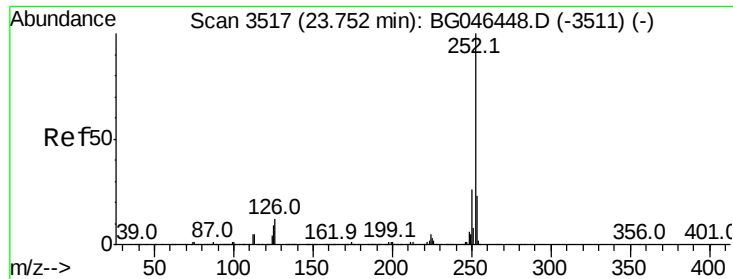
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#88
 Benzo(b)fluoranthene
 Concen: 40.579 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	8.5	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 40.209 ng

RT: 23.73 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

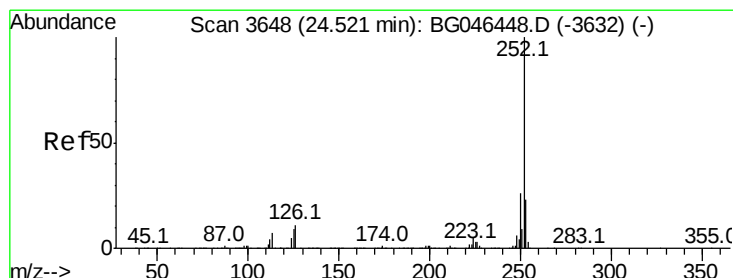
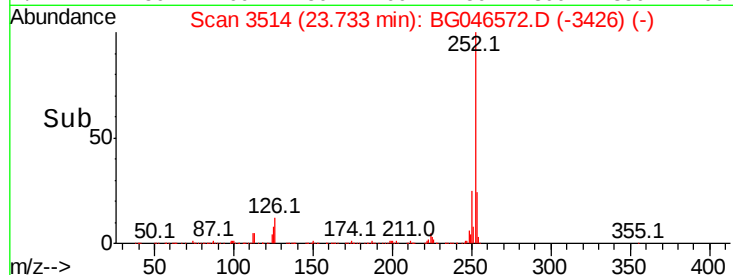
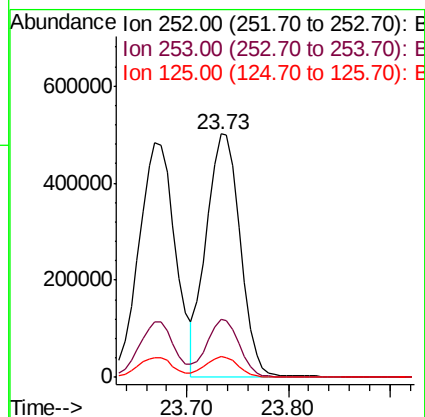
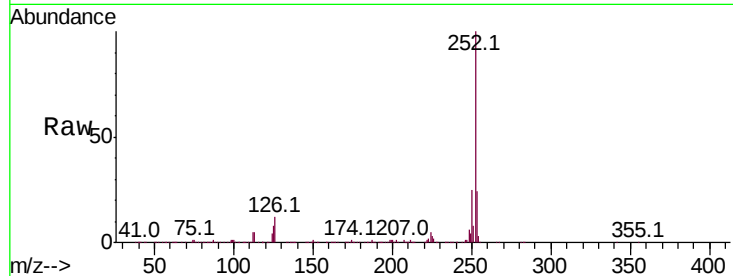
ClientSampleId :

PB131497BS

Tot Ion:	252	Resp:	1161736
Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	8.4	6.8	10.2

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#90

Benzo(a)pyrene

Concen: 40.118 ng

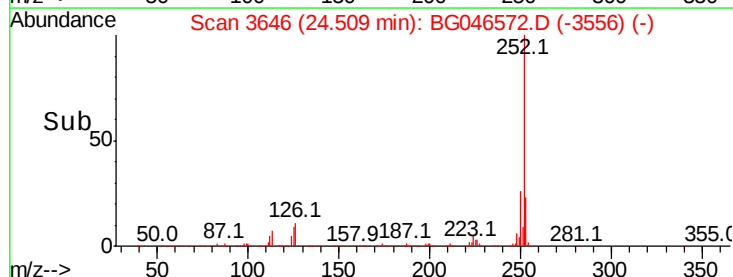
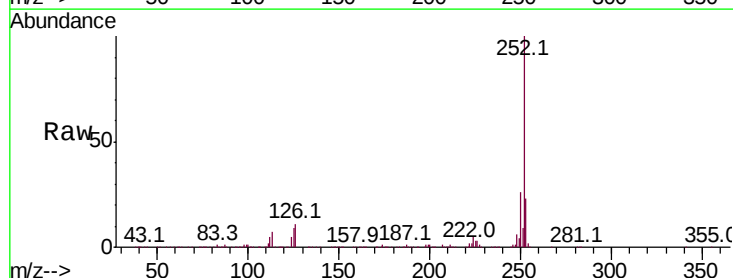
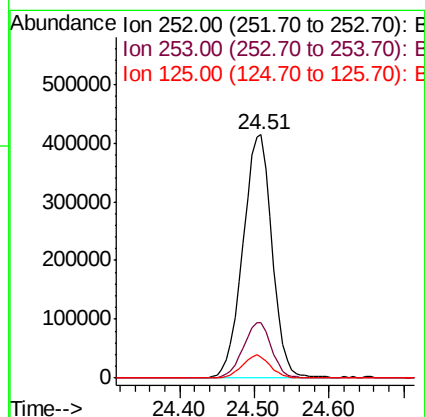
RT: 24.51 min Scan# 3646

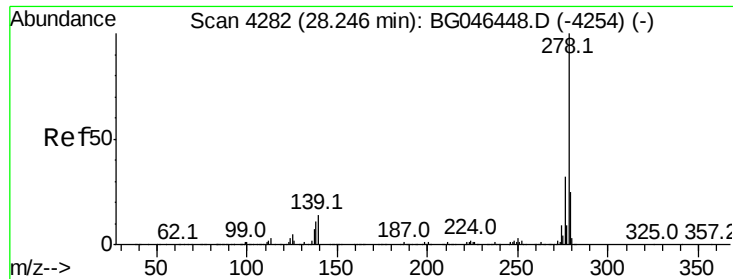
Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:	252	Resp:	1119242
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	8.8	7.4	11.0





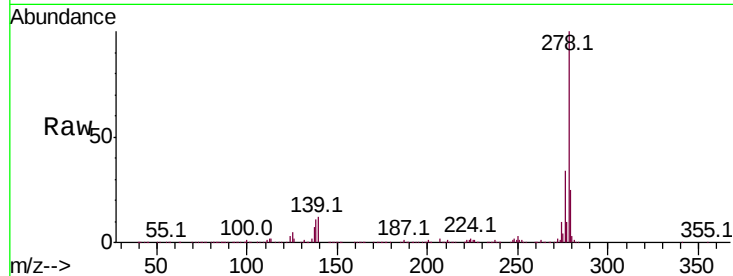
#91
Dibenzo(a,h)anthracene
Concen: 41.501 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

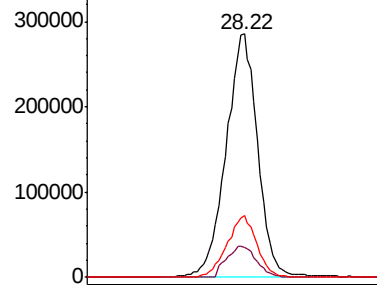
Tot Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.2	16.8
279	25.4	19.8	29.8

Manual Integrations
APPROVED

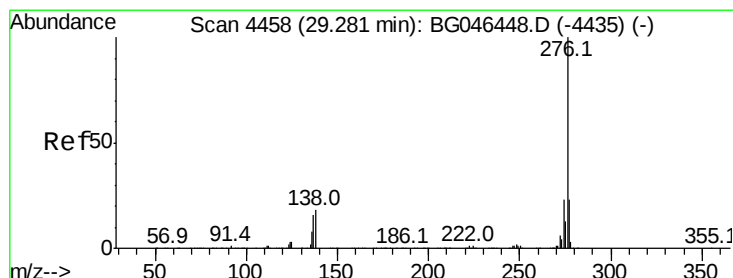
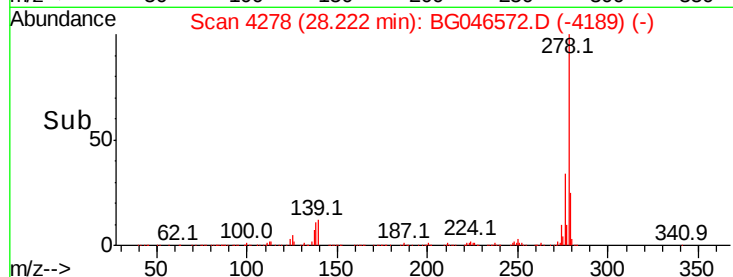
mohammad
9/10/2020 10:35:54 AM



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



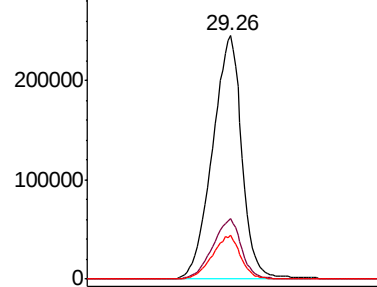
Time-->



#92
Benzo(g,h,i)perylene
Concen: 42.492 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.7	28.1
138	17.9	14.7	22.1

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



Time-->

