

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046598.D
 Acq On : 11 Sep 2020 16:05
 Operator : CG/JU
 Sample : PB131544BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Manual Integrations
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Quant Time: Sep 11 17:07:28 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	76646	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	309960	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	214411	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	483524	20.00	ng	0.00
76) Chrysene-d12	21.55	240	480641	20.00	ng	0.00
86) Perylene-d12	24.64	264	478956	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	454934	105.13	ng	0.00
7) Phenol-d6	7.11	99	596587	97.25	ng	0.00
23) Nitrobenzene-d5	9.08	82	382794	70.59	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	269915	92.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1000348	71.22	ng	0.00
79) Terphenyl-d14	19.91	244	1500682	66.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	86059	47.801	ng	96
3) Pyridine	3.80	79	124142	23.568	ng	99
4) n-Nitrosodimethylamine	3.72	42	73188	37.672	ng	92
6) Aniline	7.25	93	247961	35.920	ng	98
8) 2-Chlorophenol	7.49	128	197251	43.128	ng	97
9) Benzaldehyde	7.07	77	125731	36.582	ng	96
10) Phenol	7.13	94	241214	42.691	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	178466	39.295	ng	98
12) 1,3-Dichlorobenzene	7.82	146	209677	36.109	ng	99
13) 1,4-Dichlorobenzene	7.96	146	210906	36.280	ng	97
14) 1,2-Dichlorobenzene	8.28	146	208688	37.439	ng	99
15) Benzyl Alcohol	8.16	79	165918	42.127	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	265235	37.650	ng	98
17) 2-Methylphenol	8.38	107	172225	42.980	ng	98
18) Hexachloroethane	9.01	117	71264	36.155	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	145389	39.622	ng	98
20) 3+4-Methylphenols	8.70	107	235929	42.657	ng	97
22) Acetophenone	8.75	105	278600	36.925	ng	99
24) Nitrobenzene	9.12	77	205203	38.300	ng	98
25) Isophorone	9.65	82	399369	40.167	ng	99
26) 2-Nitrophenol	9.83	139	115676	40.921	ng	96
27) 2,4-Dimethylphenol	9.90	122	187555	48.240	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	247779	38.718	ng	98
29) 2,4-Dichlorophenol	10.38	162	216042	41.683	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	226346	36.807	ng	99
31) Naphthalene	10.77	128	587303	38.806	ng	99
32) Benzoic acid	10.06	122	72691	29.833	ng	99
33) 4-Chloroaniline	10.88	127	194818	29.193	ng	98
34) Hexachlorobutadiene	11.07	225	144256	36.136	ng	99
35) Caprolactam	11.65	113	69796m	36.026	ng	
36) 4-Chloro-3-methylphenol	12.01	107	210832	41.590	ng	95
37) 2-Methylnaphthalene	12.38	142	472185	39.560	ng	99
38) 1-Methylnaphthalene	12.60	142	444495	39.314	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	280348	39.650	ng	98

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 QLast Update : Wed Sep 02 15:06:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	292508	95.143	nq	100
43) 2,4,6-Trichlorophenol	12.99	196	186321	39.050	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	202187	40.332	nq	99
46) 1,1'-Biphenyl	13.39	154	612544	41.062	nq	99
47) 2-Chloronaphthalene	13.43	162	474317	37.501	nq	99
48) 2-Nitroaniline	13.63	65	134030	38.163	nq	95
49) Acenaphthylene	14.28	152	764837	39.865	nq	100
50) Dimethylphthalate	14.02	163	626954	37.796	nq	99
51) 2,6-Dinitrotoluene	14.13	165	143409	39.220	nq	99
52) Acenaphthene	14.62	154	452217	38.036	nq	99
53) 3-Nitroaniline	14.46	138	116828	29.496	nq	99
54) 2,4-Dinitrophenol	14.67	184	142775	66.894	nq	98
55) Dibenzofuran	14.96	168	748093	39.208	nq	99
56) 4-Nitrophenol	14.79	139	217496	74.613	nq	98
57) 2,4-Dinitrotoluene	14.92	165	201470	38.642	nq	100
58) Fluorene	15.61	166	609407	38.055	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	193988	39.849	nq	98
60) Diethylphthalate	15.38	149	608411	37.619	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	336484	38.152	nq	98
62) 4-Nitroaniline	15.63	138	142963	34.208	nq	98
63) Azobenzene	15.89	77	518104	39.382	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	118085	43.148	nq	97
66) n-Nitrosodiphenylamine	15.81	169	558677	42.829	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	234642	41.595	nq	96
68) Hexachlorobenzene	16.62	284	244930	39.204	nq	98
69) Atrazine	16.76	200	201982	37.956	nq	99
70) Pentachlorophenol	16.96	266	264531	81.041	nq	100
71) Phenanthrene	17.34	178	979827	39.979	nq	99
72) Anthracene	17.44	178	1012776	41.884	nq	100
73) Carbazole	17.70	167	905627	39.668	nq	99
74) Di-n-butylphthalate	18.26	149	1026131	39.087	nq	99
75) Fluoranthene	19.35	202	1215967	38.553	nq	100
77) Benzidine	19.53	184	555108	49.702	nq	98
78) Pyrene	19.72	202	1213606	39.652	nq	99
80) Butylbenzylphthalate	20.60	149	468724	39.262	nq	97
81) Benzo(a)anthracene	21.53	228	1185594	39.575	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	384729	34.605	nq	99
83) Chrysene	21.60	228	1120554	38.885	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	653627	40.120	nq	99
85) Di-n-octyl phthalate	22.62	149	1142320	40.949	nq	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1424876	41.421	nq	100
88) Benzo(b)fluoranthene	23.67	252	1229036	41.096	nq	99
89) Benzo(k)fluoranthene	23.74	252	1173217	40.591	nq	99
90) Benzo(a)pyrene	24.50	252	1129091	40.456	nq	100
91) Dibenzo(a,h)anthracene	28.22	278	1171461	42.200	nq	98
92) Benzo(g,h,i)perylene	29.26	276	1192184	43.008	nq	98

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

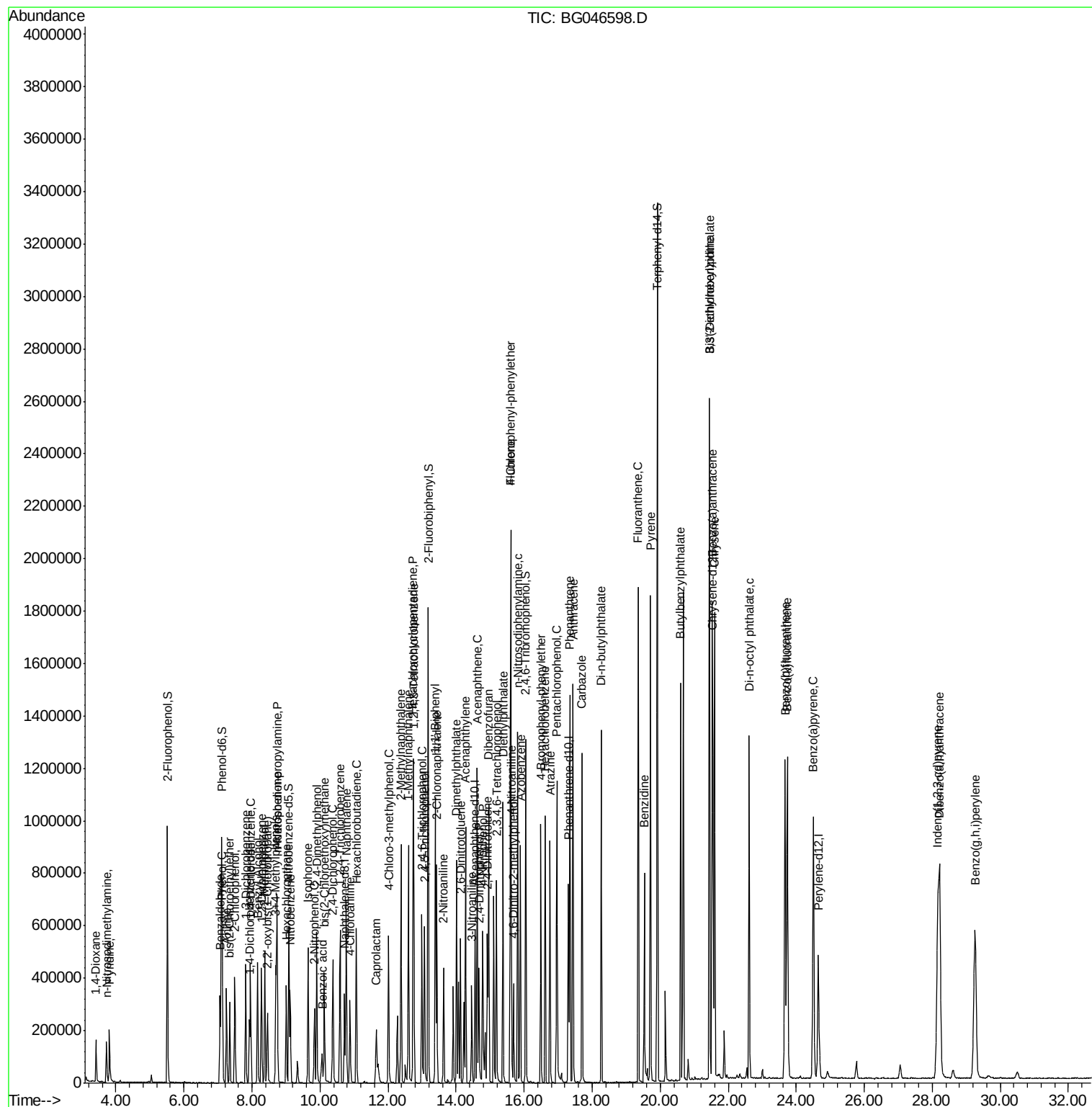
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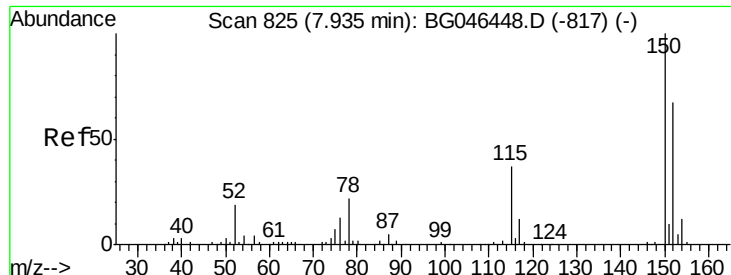
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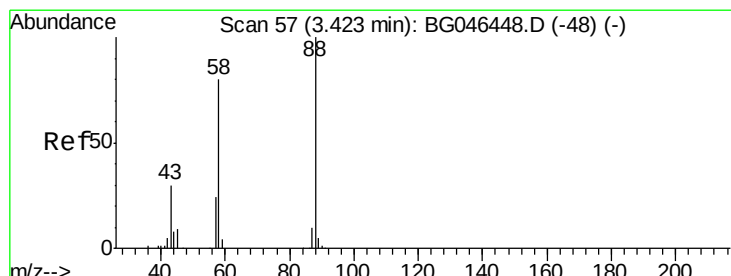
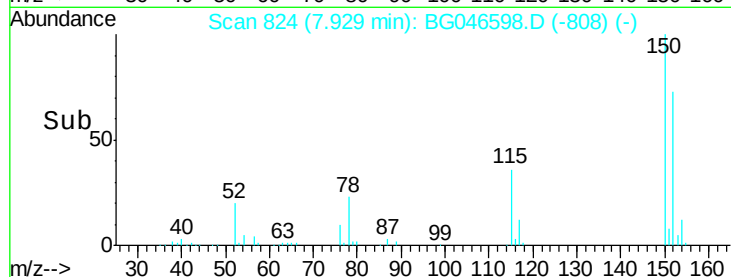
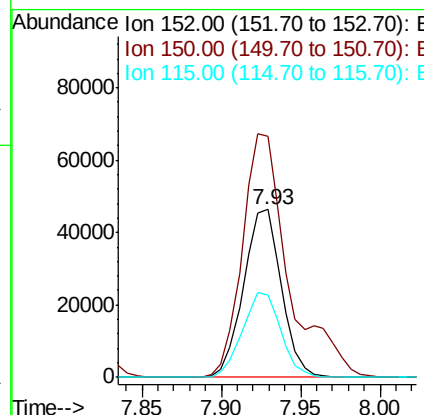
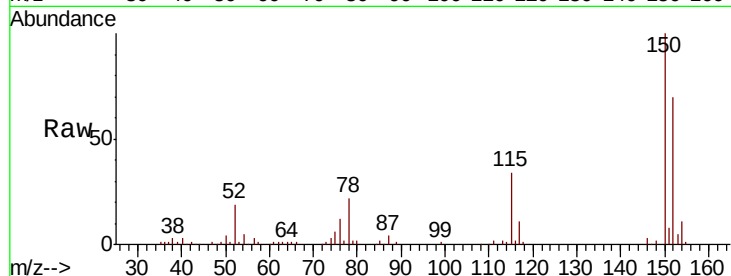
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	119.5	179.3
115	49.4	44.3	66.5

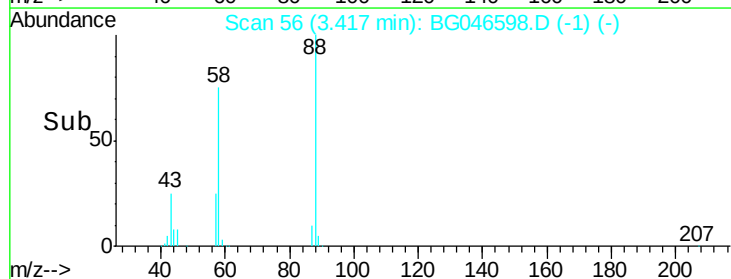
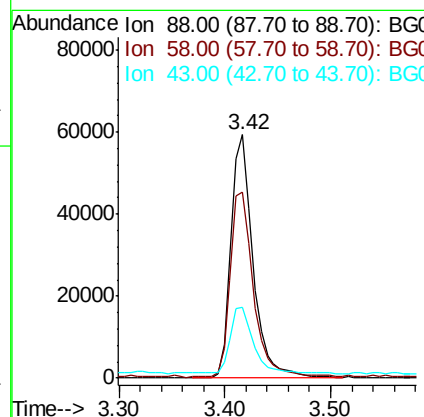
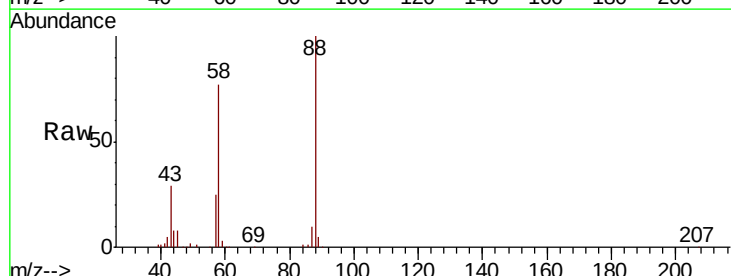
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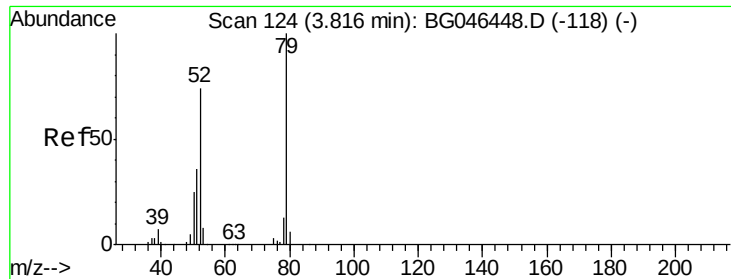
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#2
 1,4-Dioxane
 Concen: 47.801 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	61.4	92.2
43	27.2	21.6	32.4





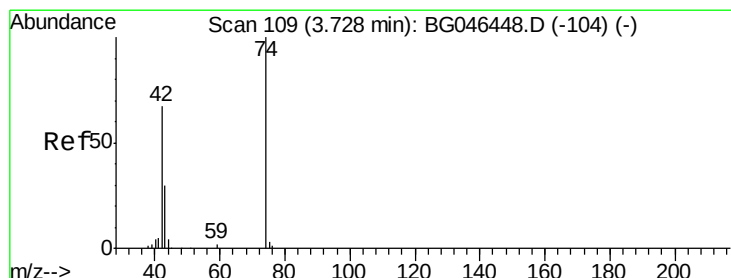
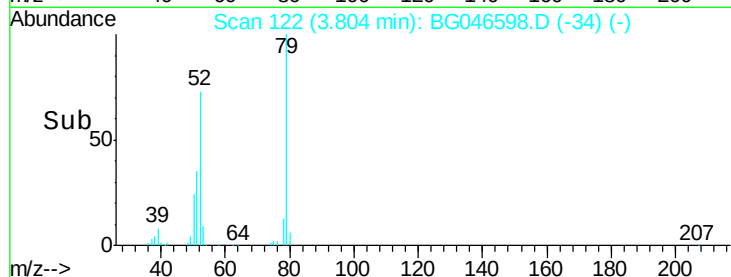
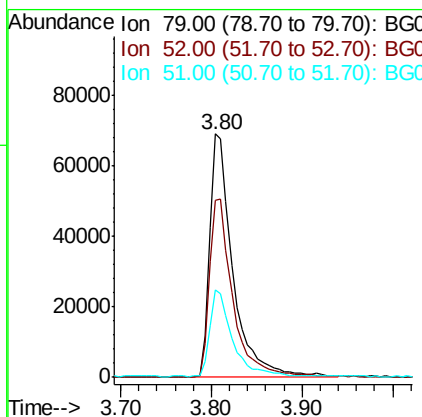
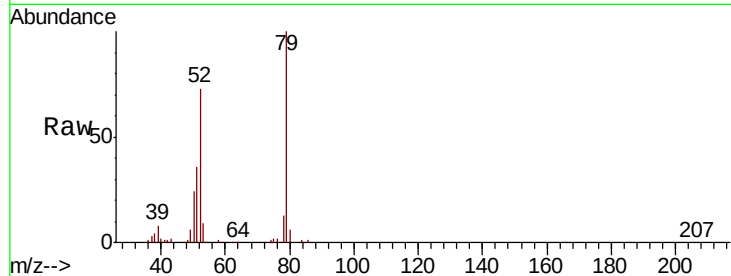
#3
 Pvridine
 Concen: 23.568 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	72.9	59.1	88.7	
51	51	35.8	29.0	43.6	

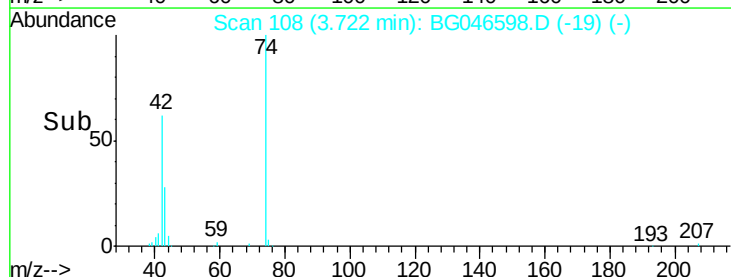
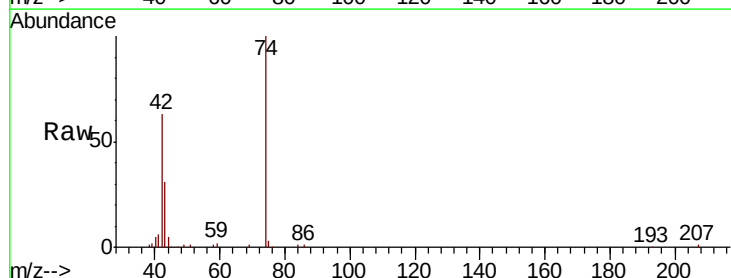
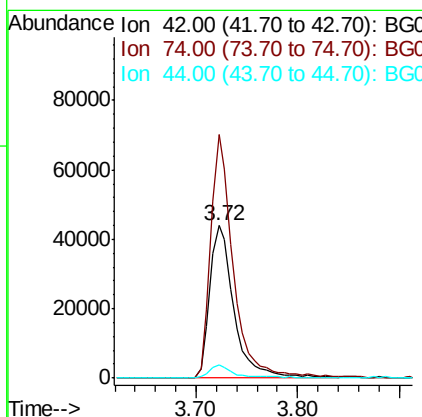
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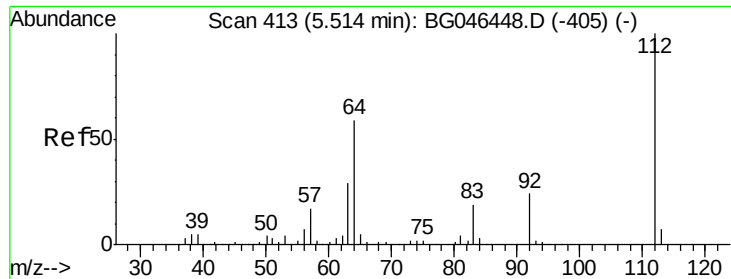
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#4
 n-Nitrosodimethylamine
 Concen: 37.672 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	159.5	119.5	179.3	
44	44	8.5	5.7	8.5	





#5

2-Fluorophenol

Concen: 105.129 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

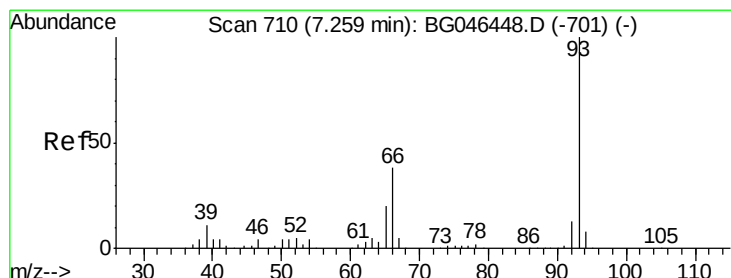
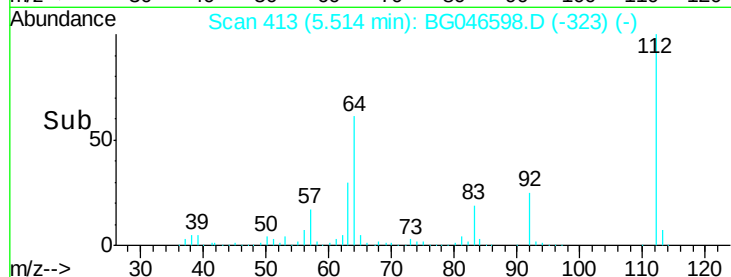
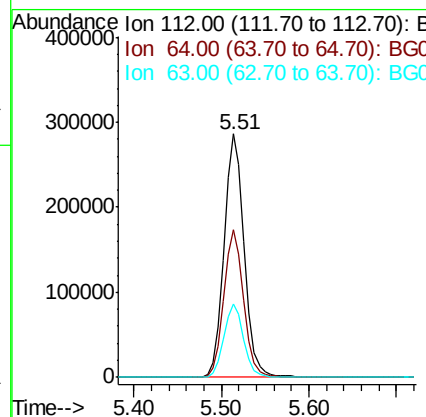
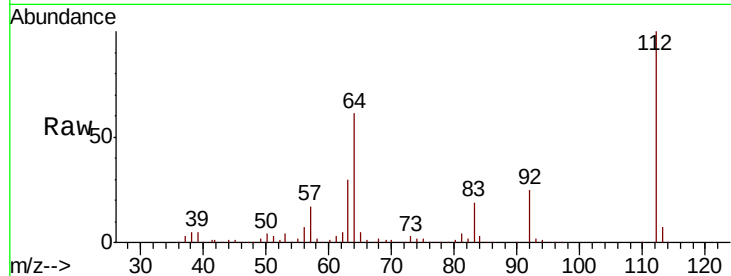
ClientSampleId :

PB131544BS

Tot Ion:	112	Resp:	454934
Ion Ratio	Lower	Upper	
112	100		
64	60.6	47.0	70.6
63	30.0	23.5	35.3

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#6

Aniline

Concen: 35.920 ng

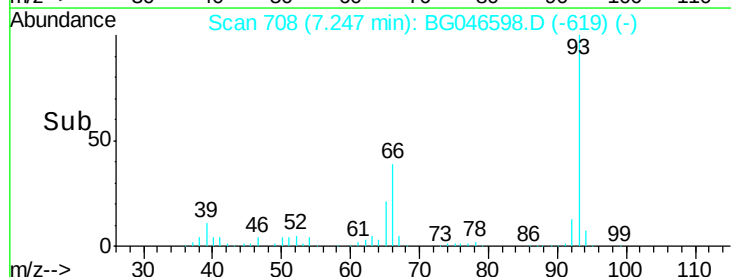
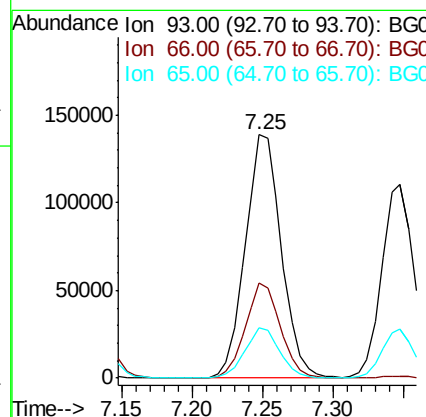
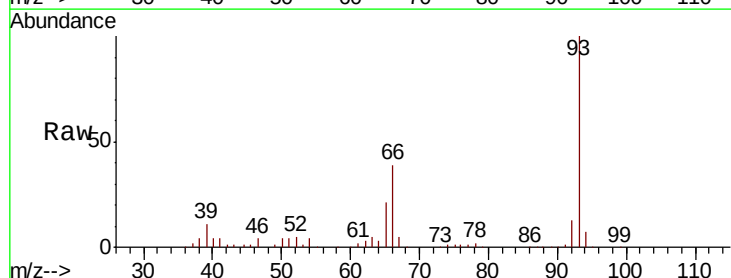
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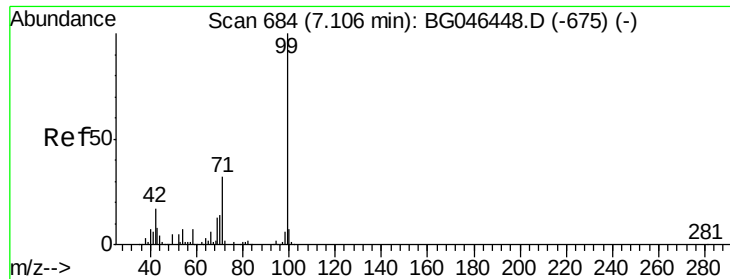
Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:	93	Resp:	247961
Ion Ratio	Lower	Upper	
93	100		
66	38.9	30.4	45.6
65	20.6	15.8	23.6





#7

Phenol-d6

Concen: 97.251 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

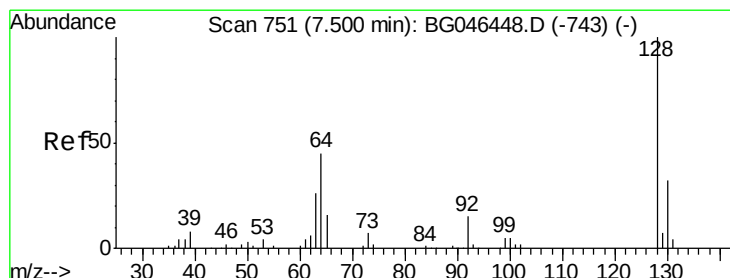
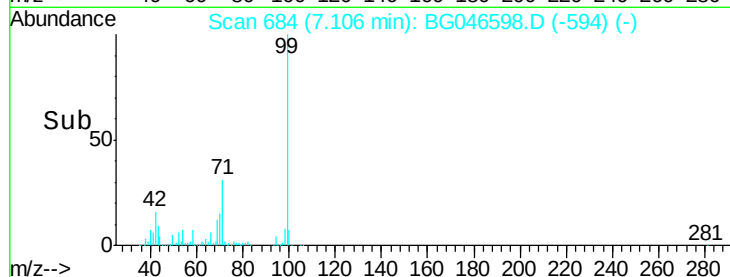
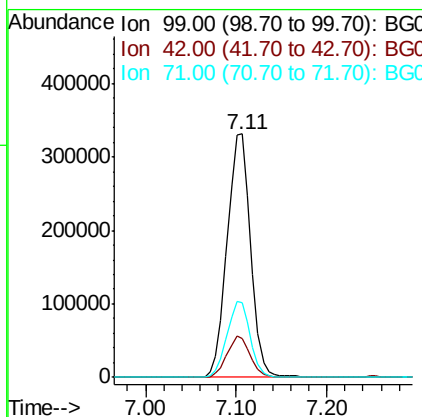
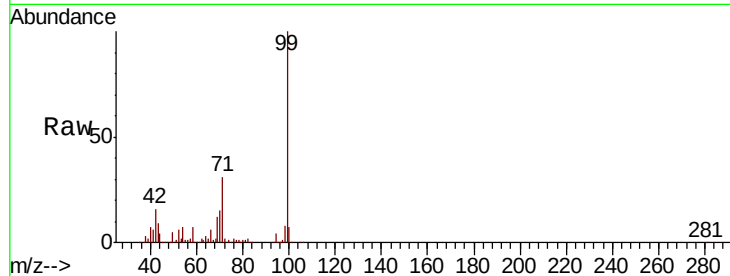
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		596587		
42	16.0	13.3	19.9		
71	30.9	25.3	37.9		

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#8

2-Chlorophenol

Concen: 43.128 ng

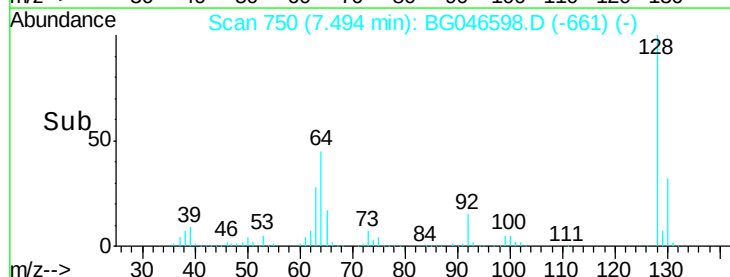
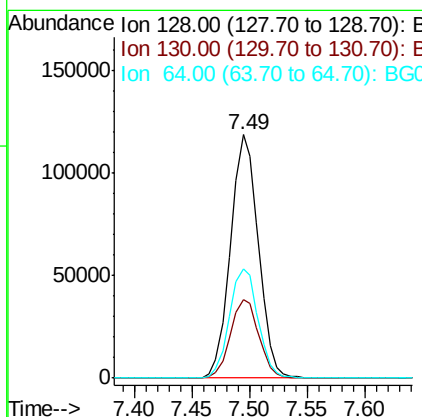
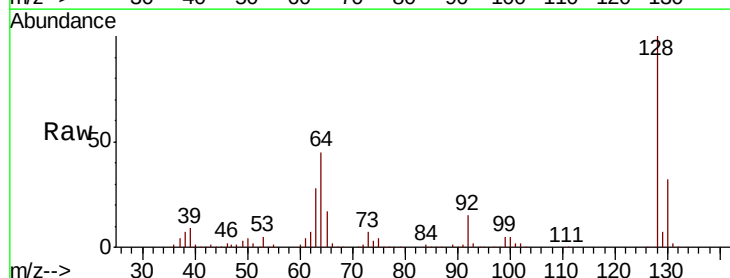
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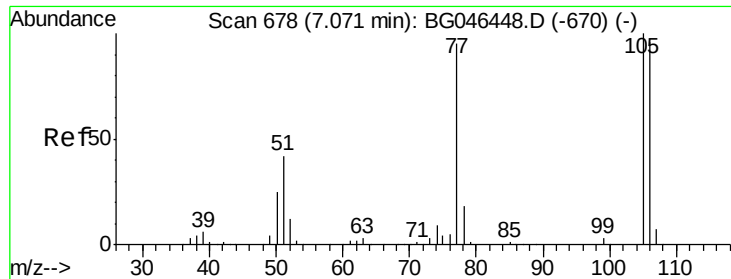
Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		197251		
130	32.3	12.4	52.4		
64	44.8	28.1	68.1		





#9

Benzaldehyde

Concen: 36.582 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046598.D

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BNA_G

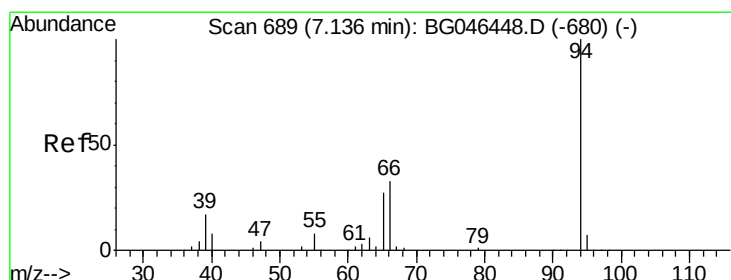
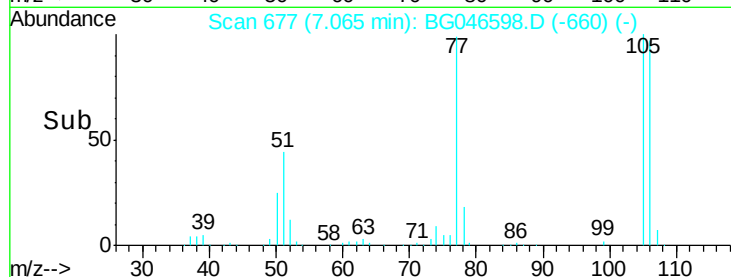
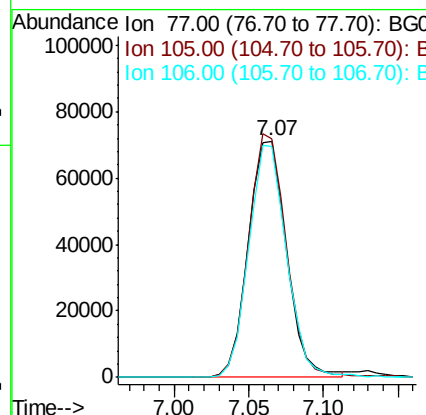
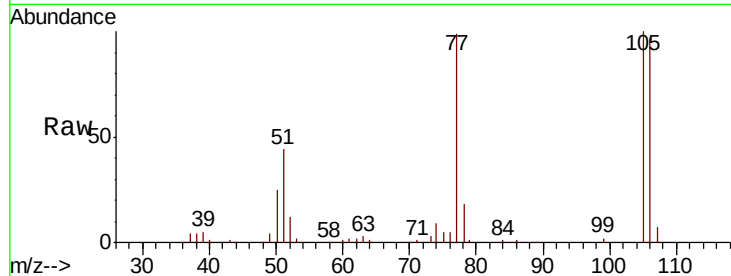
ClientSampleID :

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Tot Ion:	77	Resp:	125731
Ion	Ratio	Lower	Upper
77	100		
105	101.3	85.6	125.6
106	98.0	80.8	120.8

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#10

Phenol

Concen: 42.691 ng

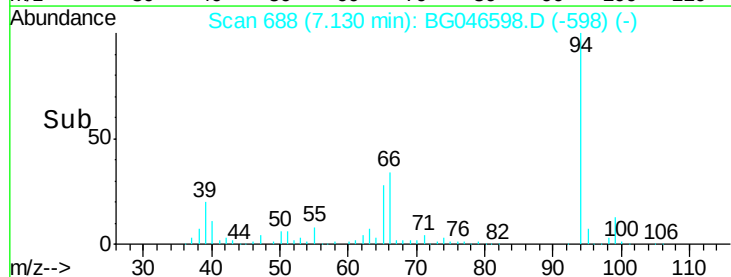
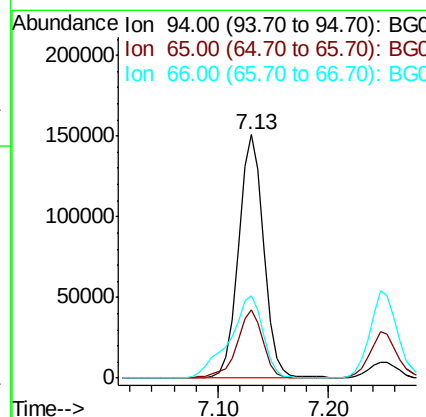
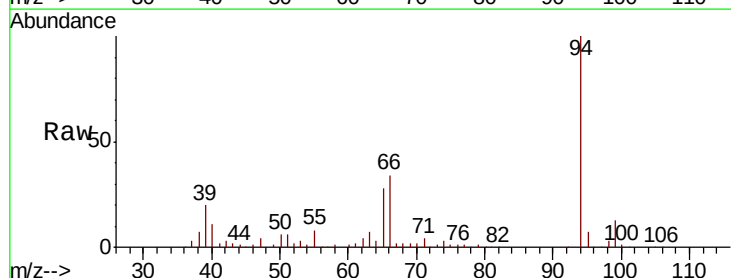
RT: 7.13 min Scan# 688

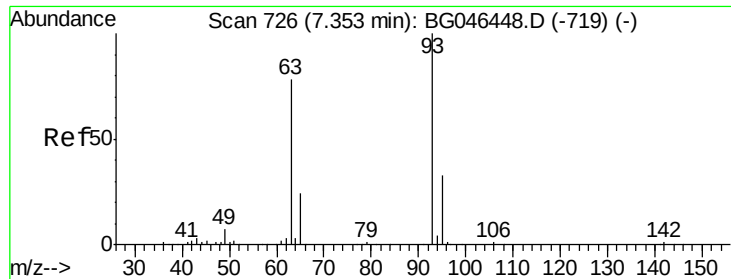
Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:	94	Resp:	241214
Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.5	47.5
66	33.9	14.1	54.1





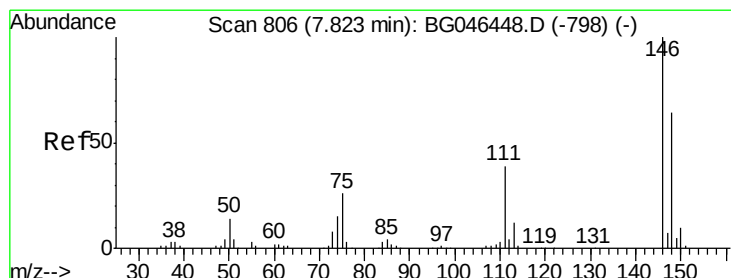
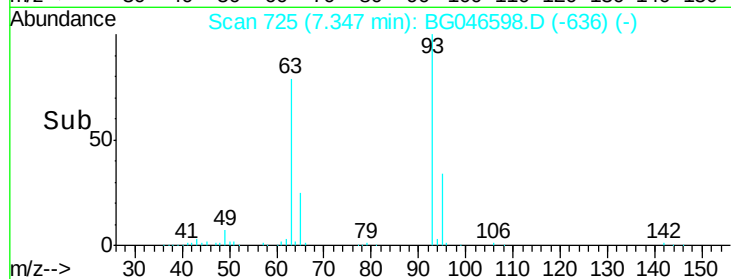
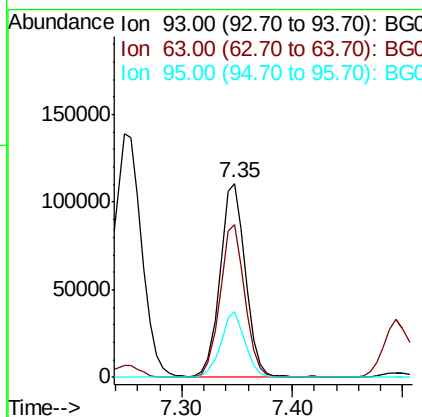
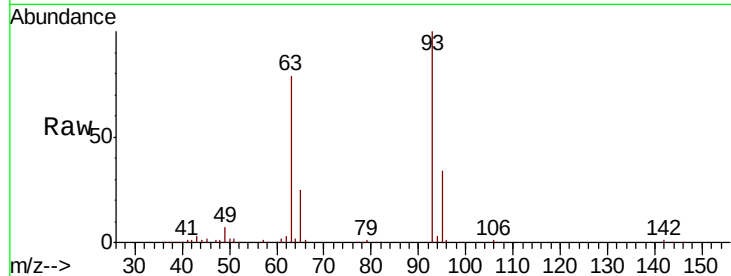
#11
bis(2-Chloroethyl)ether
Concen: 39.295 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	57.7	97.7
95	33.5	12.3	52.3

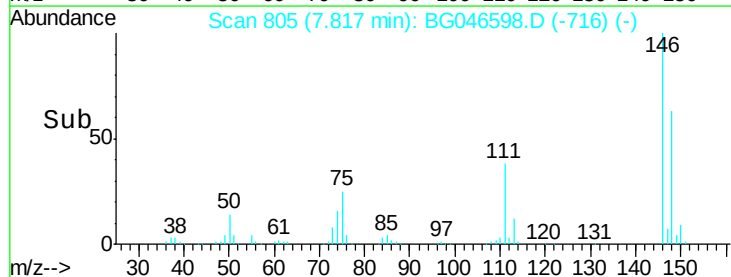
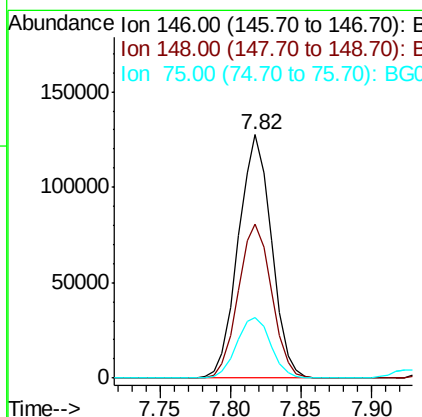
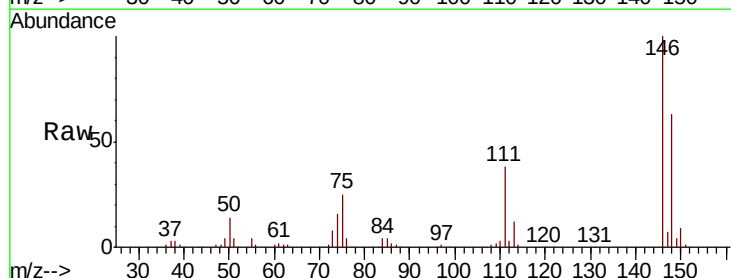
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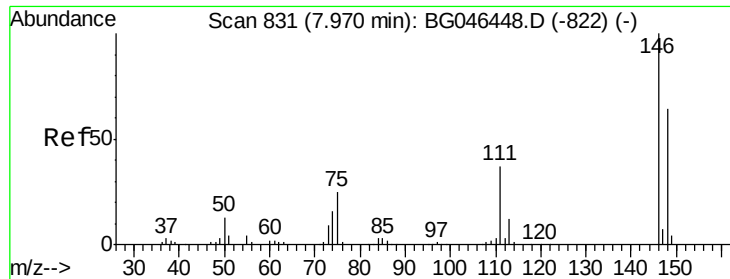
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#12
1,3-Dichlorobenzene
Concen: 36.109 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	25.1	20.7	31.1





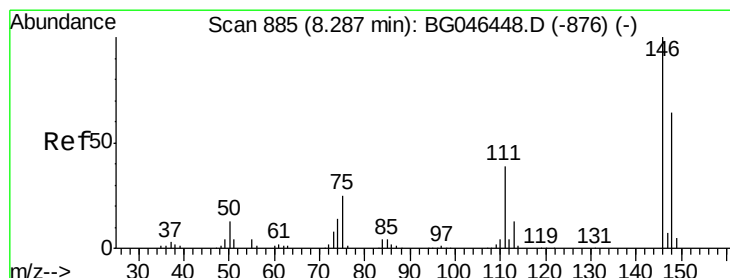
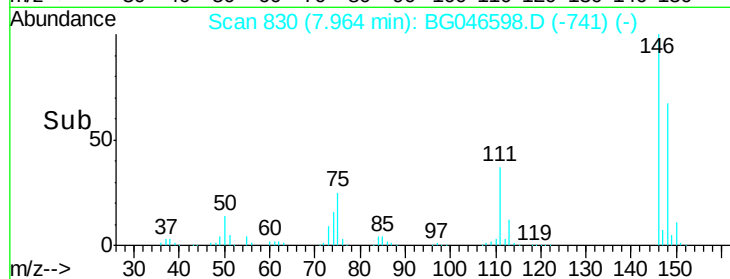
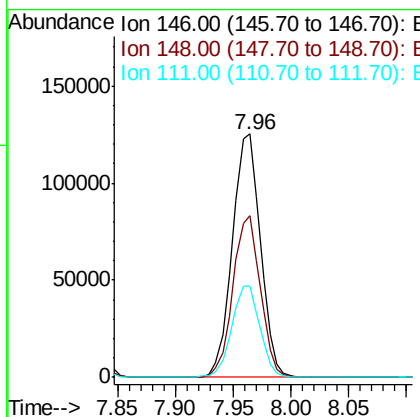
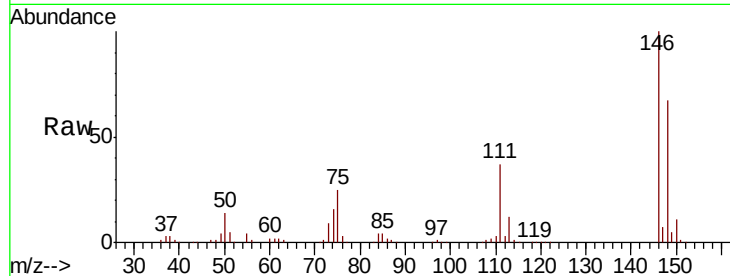
#13
 1,4-Dichlorobenzene
 Concen: 36.280 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.9	76.3
111	37.5	29.8	44.6

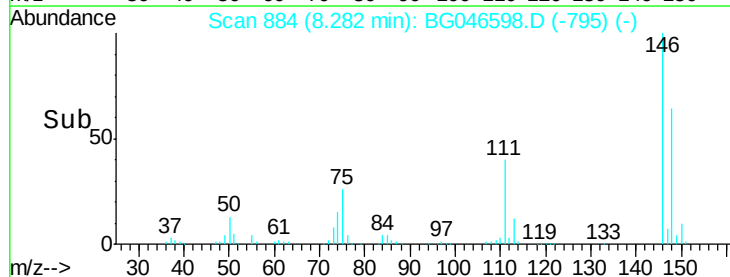
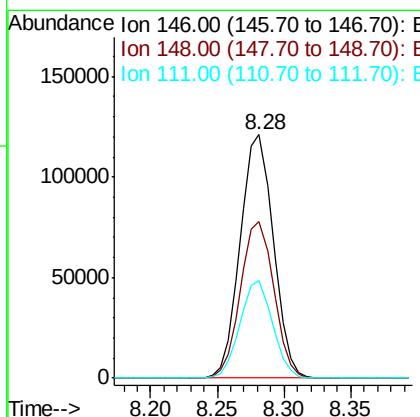
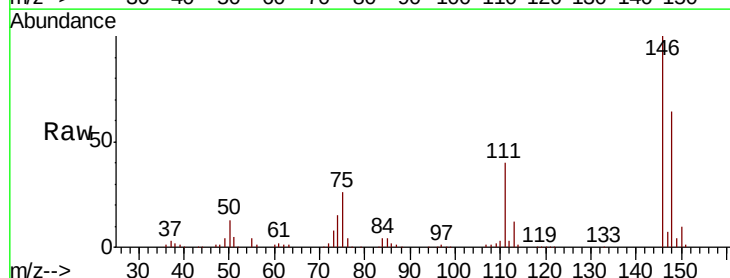
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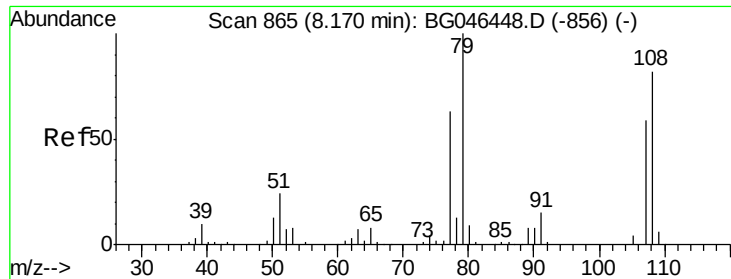
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#14
 1,2-Dichlorobenzene
 Concen: 37.439 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	40.1	31.4	47.2





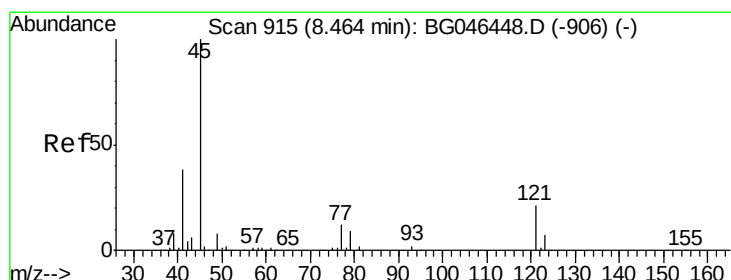
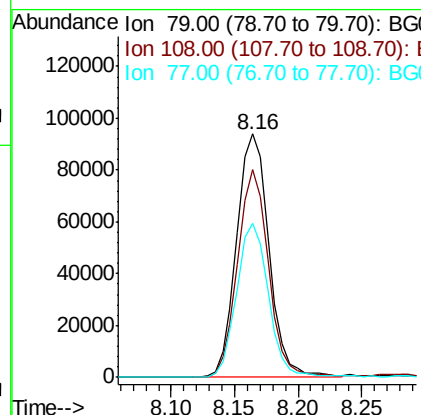
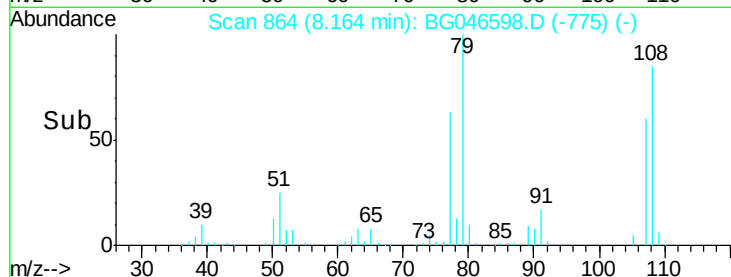
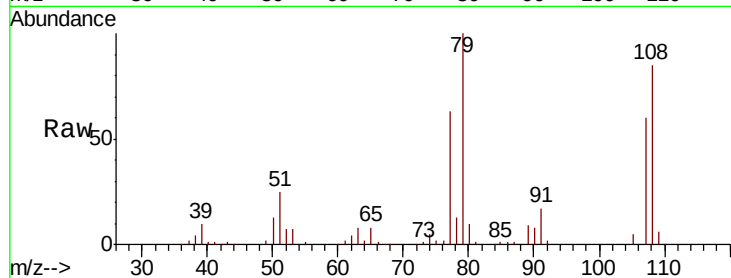
#15
Benzyl Alcohol
Concen: 42.127 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.2	65.7	98.5
77	63.3	50.3	75.5

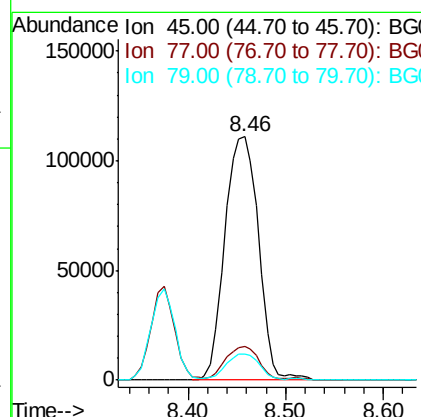
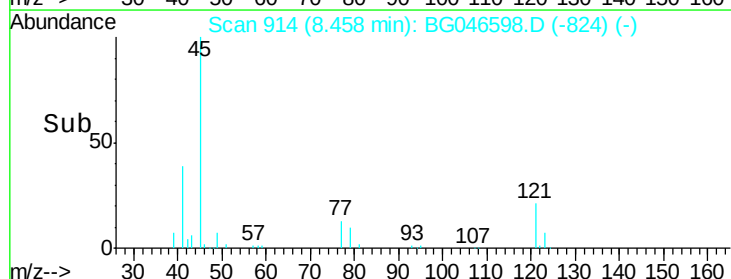
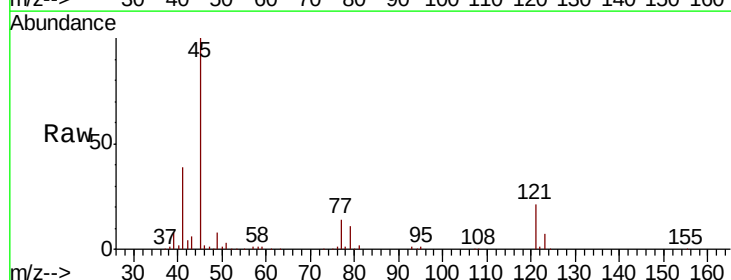
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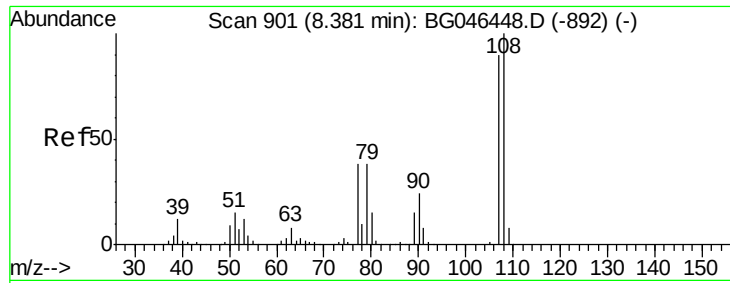
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.650 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.2
79	10.9	0.0	30.3





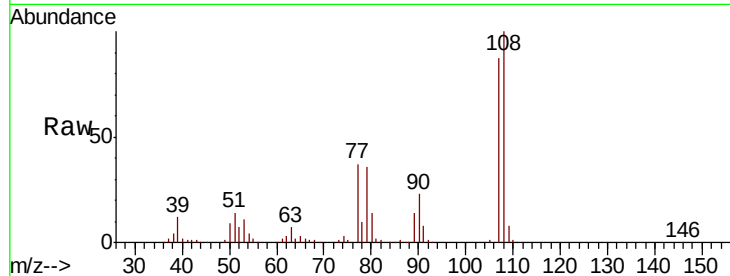
#17
2-Methylphenol
Concen: 42.980 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion:	107	Resp:	172225
Ion Ratio	Lower	Upper	
107	100		
108	114.5	89.4	134.0
77	42.7	34.5	51.7
79	41.5	33.8	50.6

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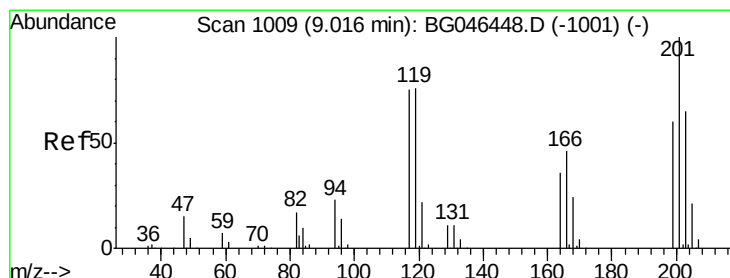
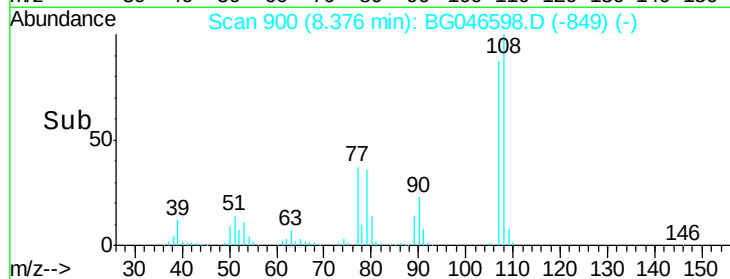
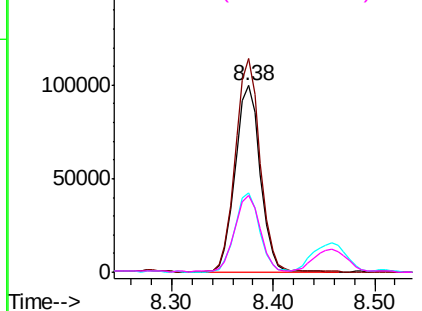
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

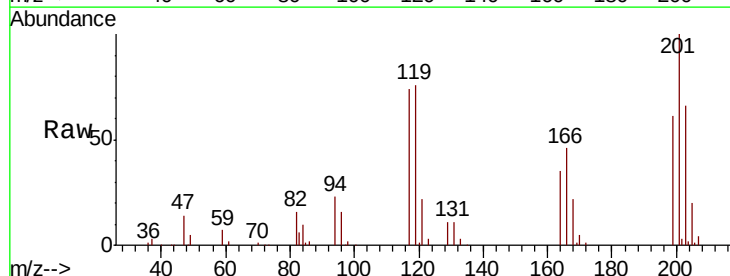
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.155 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion:	117	Resp:	71264
Ion Ratio	Lower	Upper	
117	100		
119	102.8	80.8	121.2
201	135.9	106.7	160.1

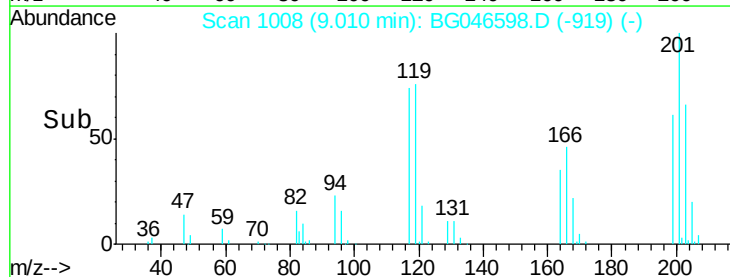
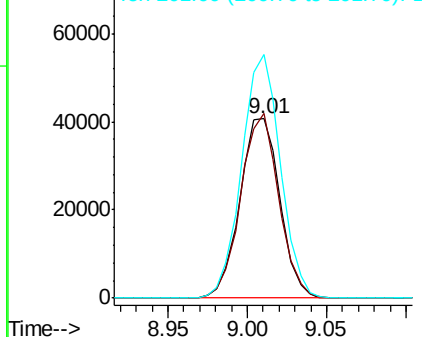


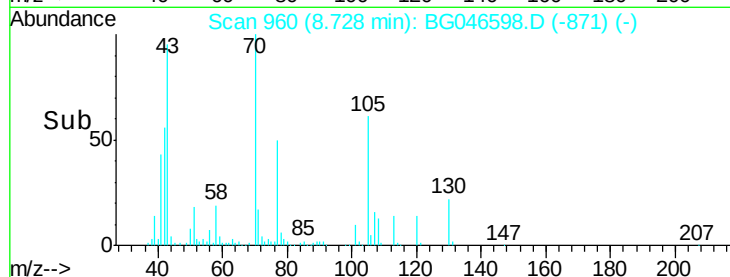
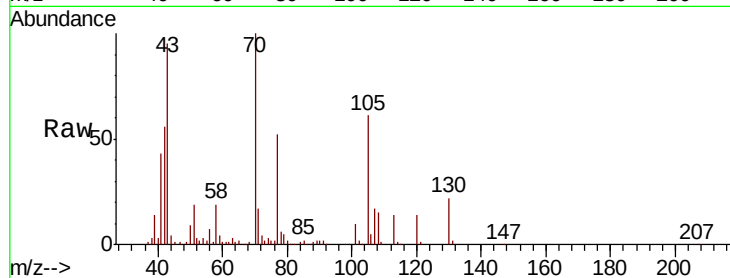
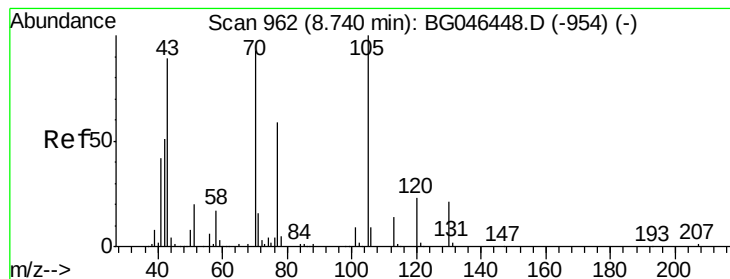
Abundance

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: 39.622 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion: 70 Resp: 145389

Ion Ratio Lower Upper

70 100

42 56.5 44.2 66.2

101 9.8 7.8 11.8

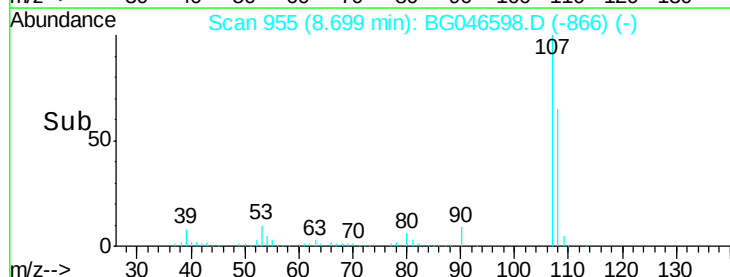
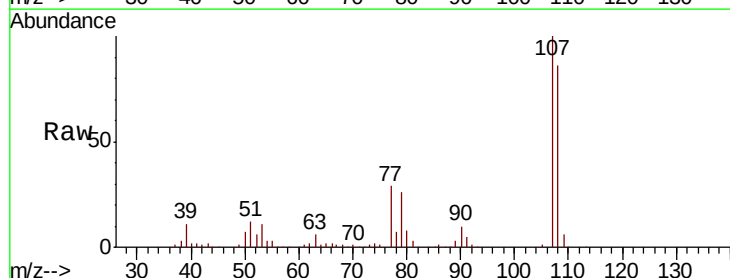
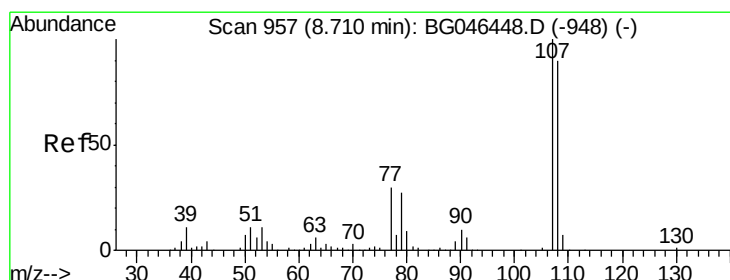
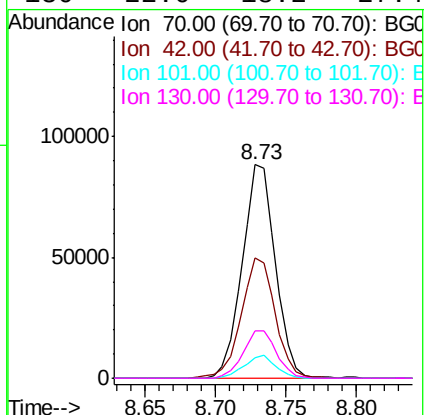
130 22.0 18.2 27.4

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#20

3+4-Methylphenols

Concen: 42.657 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion: 107 Resp: 235929

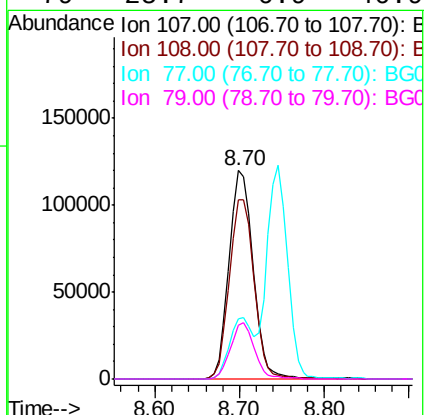
Ion Ratio Lower Upper

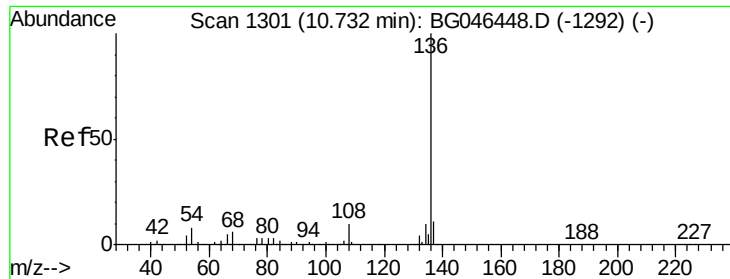
107 100

108 85.8 69.7 109.7

77 29.0 9.7 49.7

79 25.7 6.9 46.9





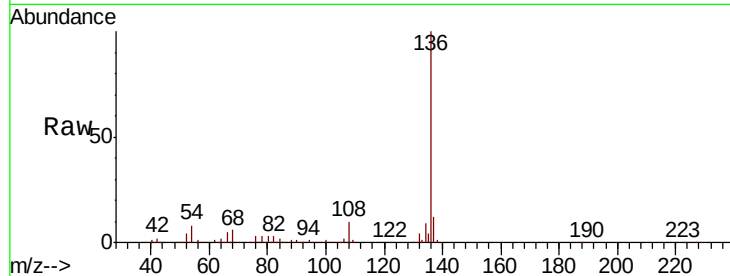
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		309960		
137	11.8		8.8	13.2	
54	8.4		6.1	9.1	
68	6.0		4.8	7.2	

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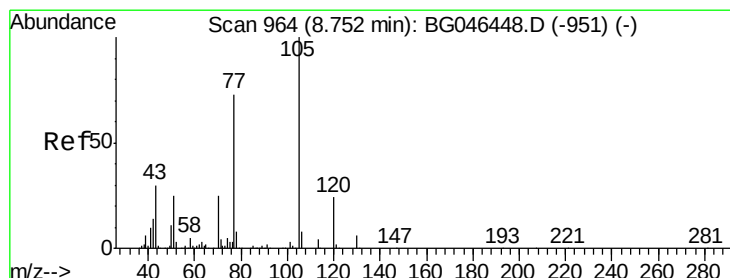
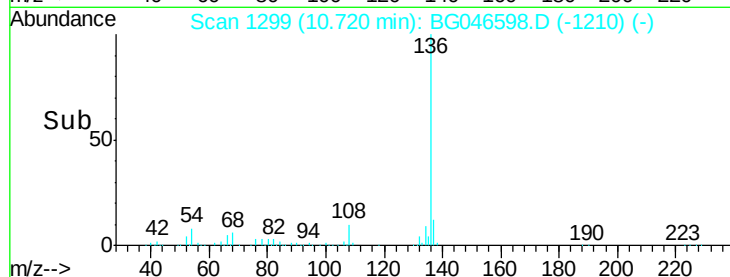
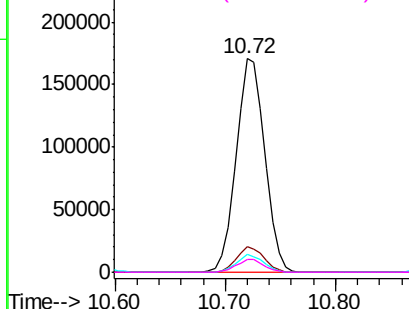
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.925 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		278600		
71	3.4		3.3	4.9	
51	26.1		20.6	31.0	
120	24.1		19.0	28.6	

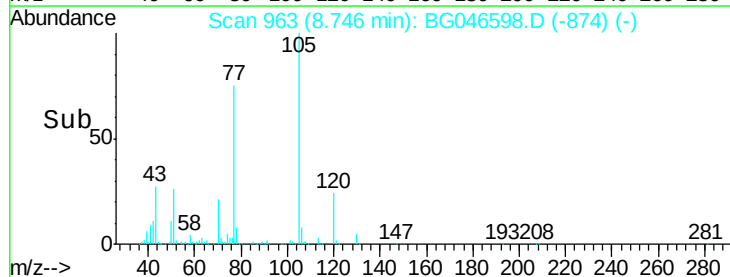
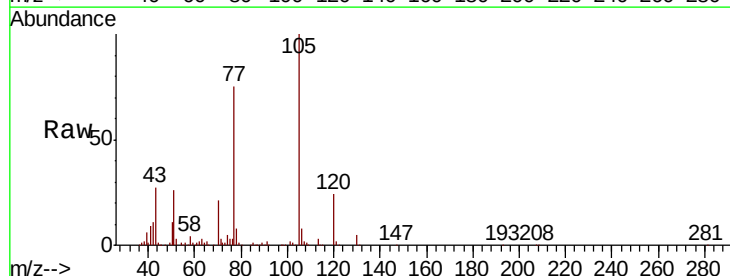
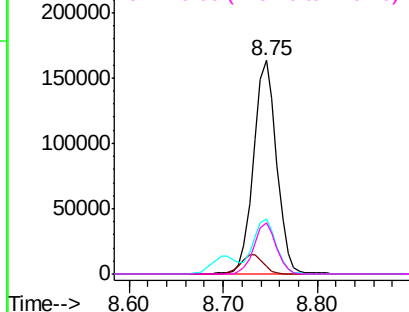
Abundance

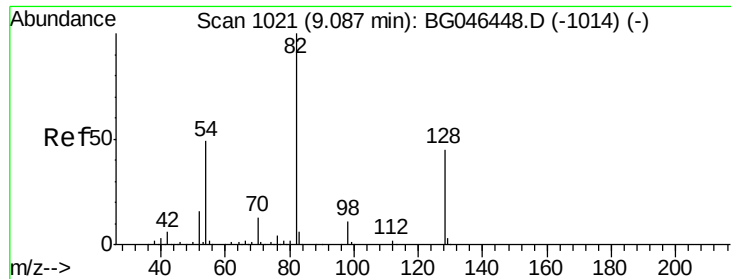
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





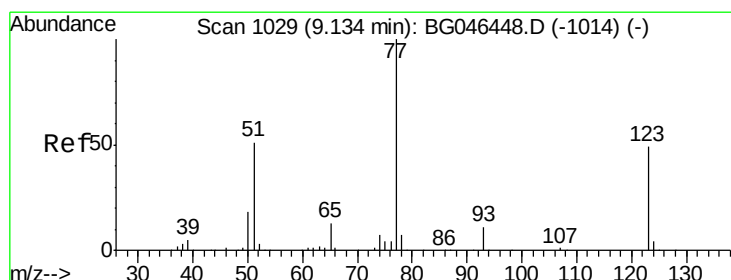
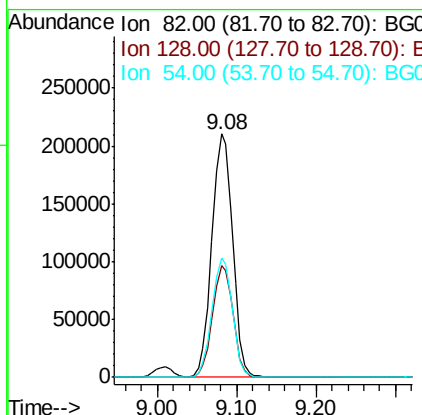
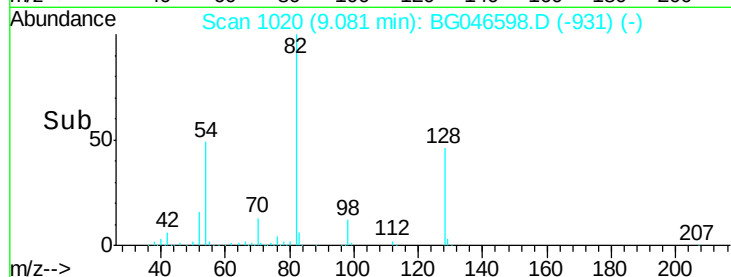
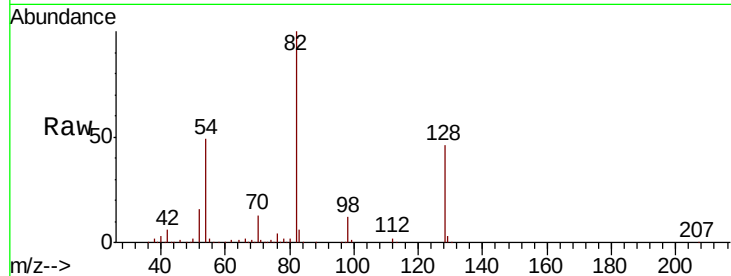
#23
Nitrobenzene-d5
Concen: 70.585 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampled :
PB131544BS

Tot Ion	82	Resp	382794
Ion Ratio	100	Lower	Upper
82	100		
128	45.7	35.7	53.5
54	49.2	39.4	59.0

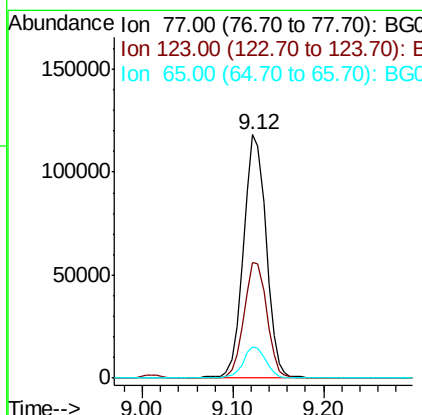
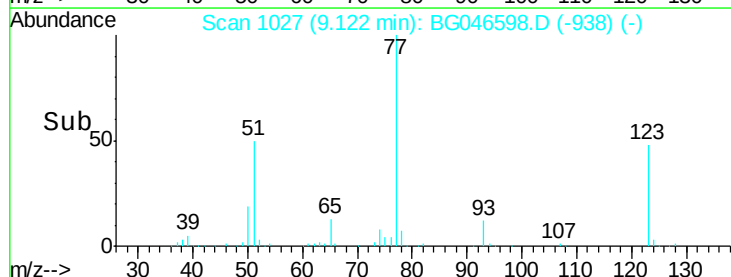
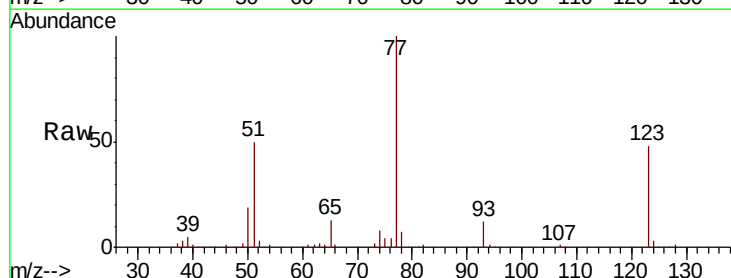
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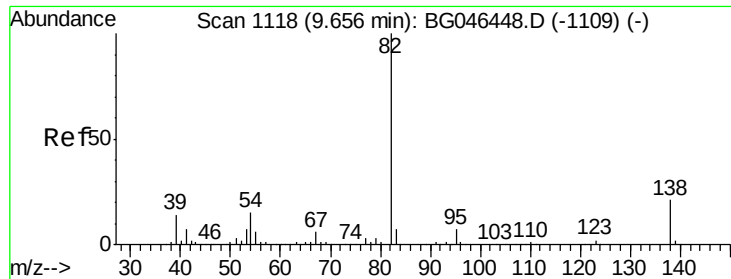
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#24
Nitrobenzene
Concen: 38.300 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	77	Resp	205203
Ion Ratio	100	Lower	Upper
77	100		
123	47.6	39.6	59.4
65	13.0	10.1	15.1





#25

Isophorone

Concen: 40.167 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

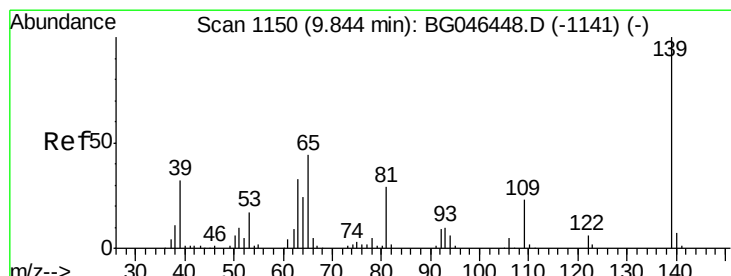
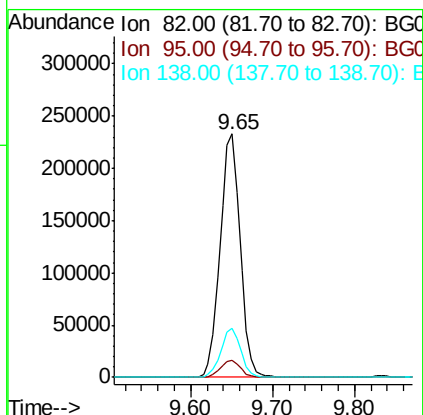
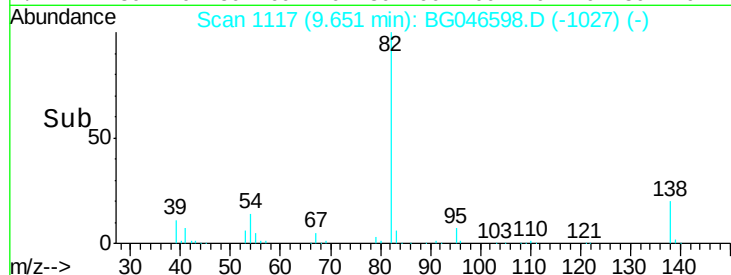
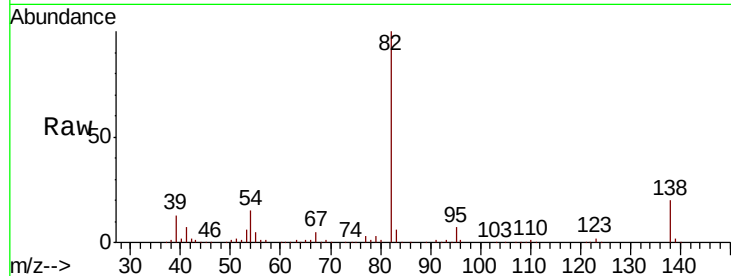
ClientSampleId :

PB131544BS

Tot Ion:	82	Resp:	399369
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	20.2	16.4	24.6

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#26

2-Nitrophenol

Concen: 40.921 ng

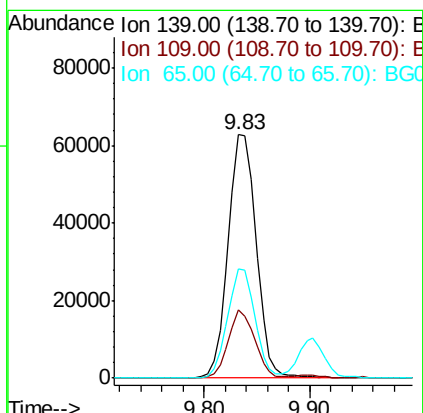
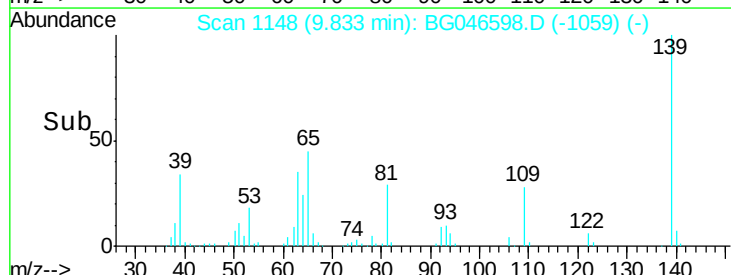
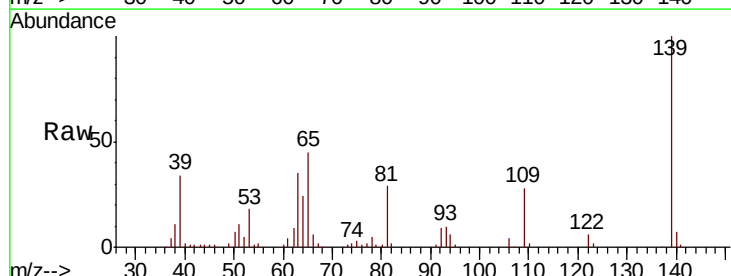
RT: 9.83 min Scan# 1148

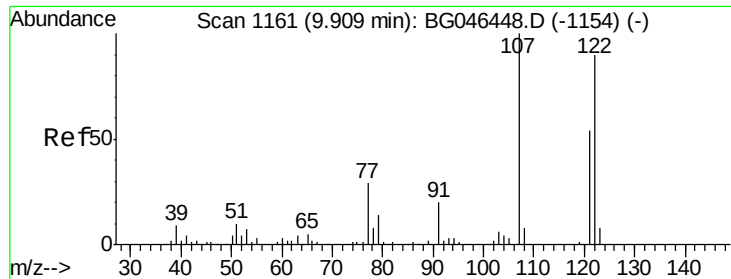
Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:	139	Resp:	115676
Ion Ratio	Lower	Upper	
139	100		
109	27.8	18.8	28.2
65	44.6	35.0	52.6





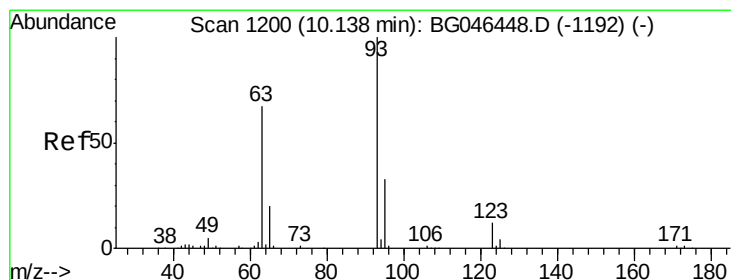
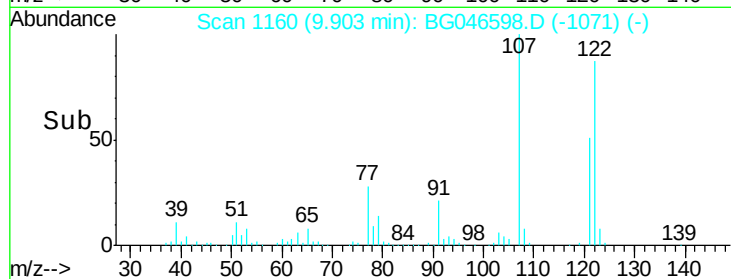
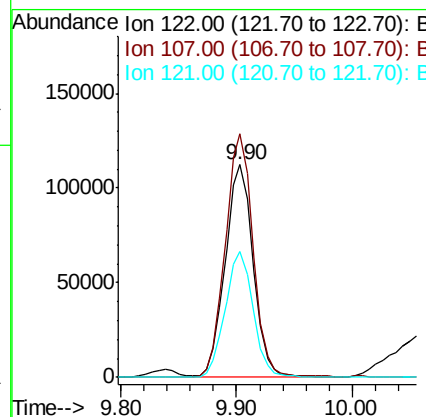
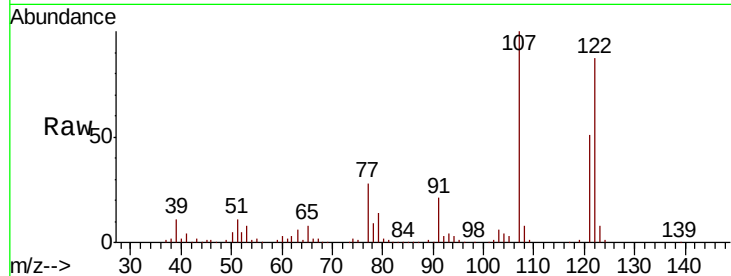
#27
2,4-Dimethylphenol
Concen: 48.240 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	187555		
107	114.5	88.2	132.2	
121	58.9	47.4	71.0	

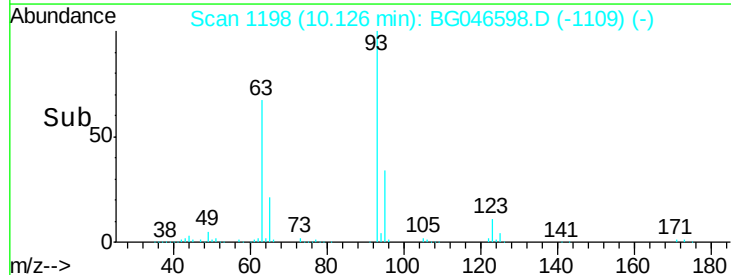
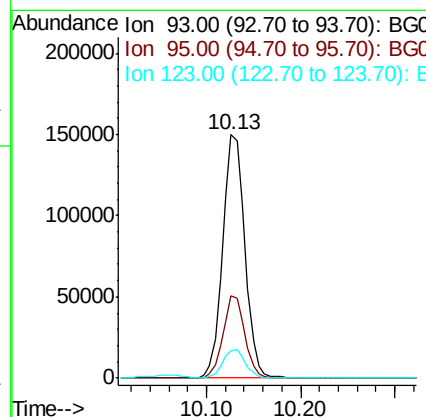
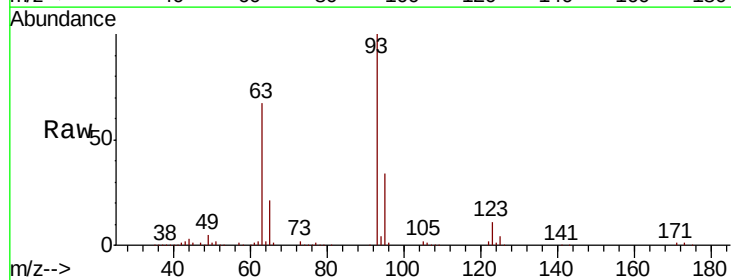
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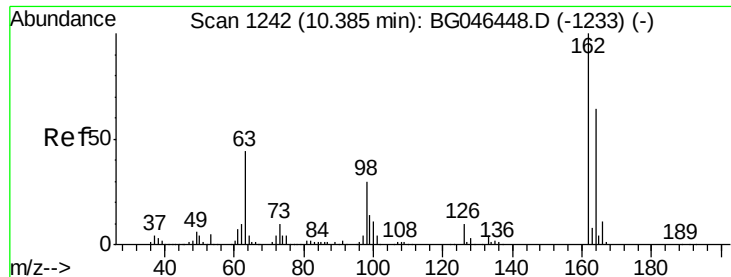
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.718 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	247779		
95	33.6	26.1	39.1	
123	11.4	9.5	14.3	





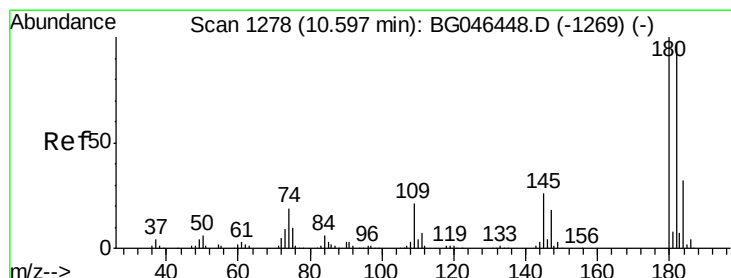
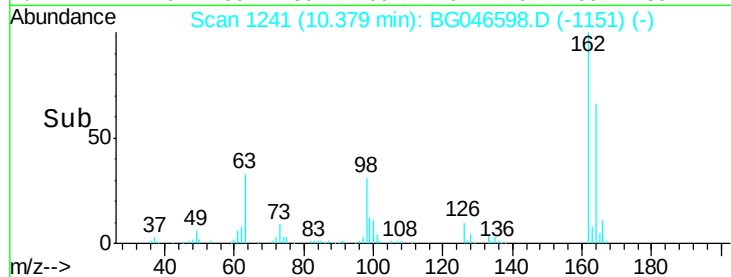
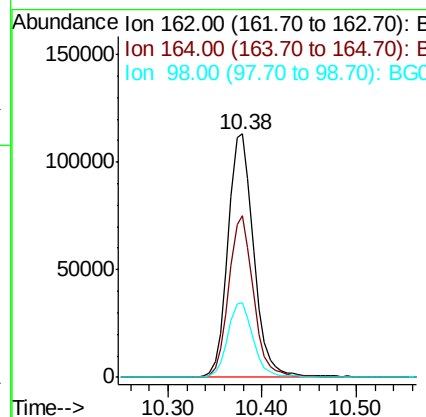
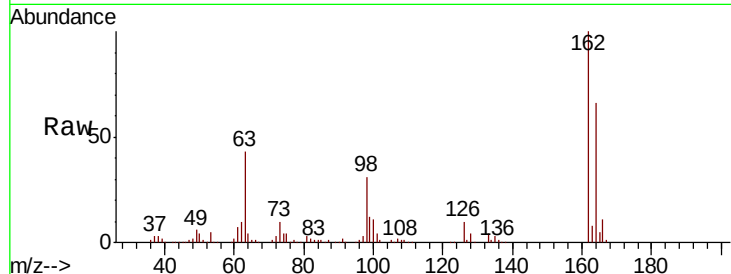
#29
2,4-Dichlorophenol
Concen: 41.683 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	216042		
164	66.3	44.3	84.3	
98	30.7	10.0	50.0	

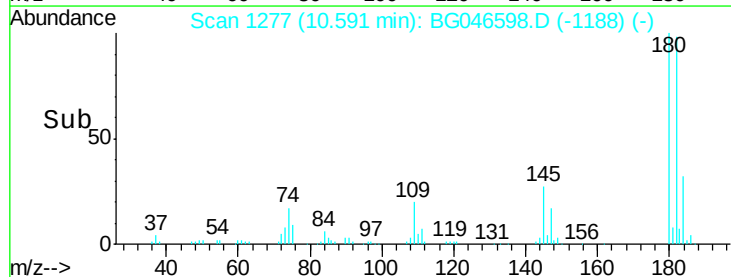
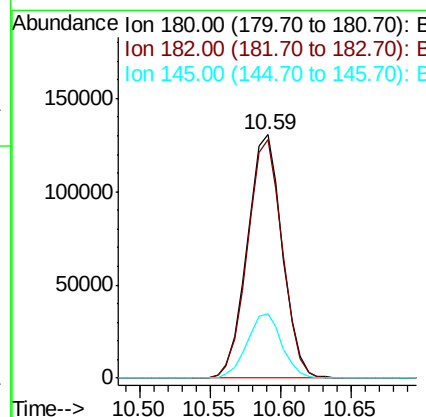
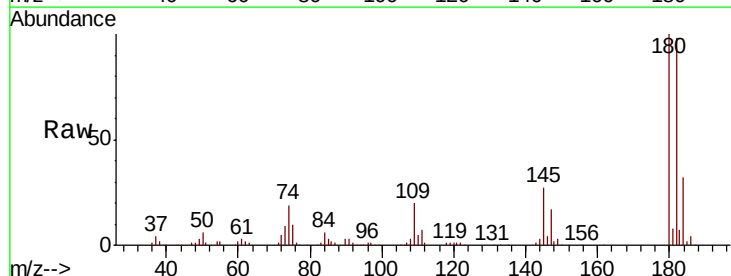
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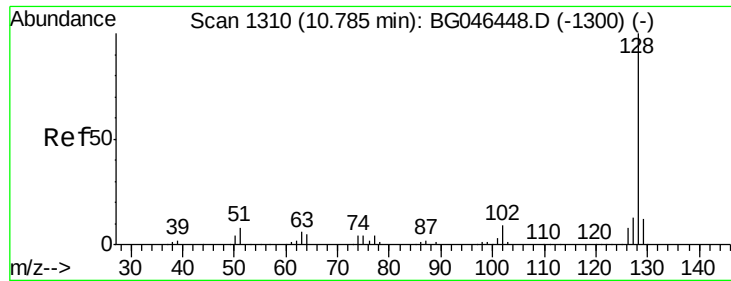
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.807 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226346		
182	98.0	77.8	116.8	
145	26.7	20.9	31.3	





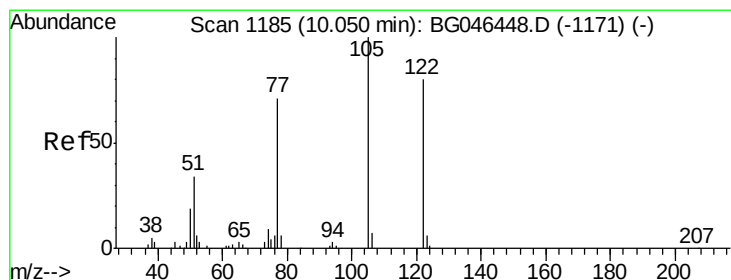
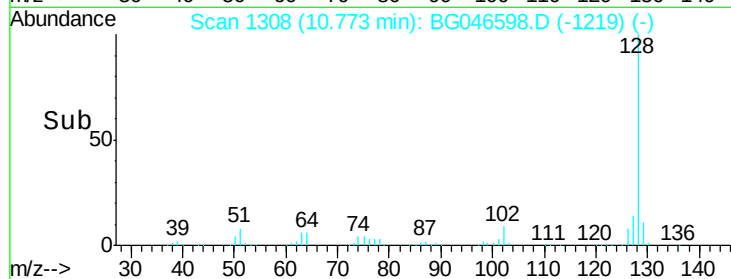
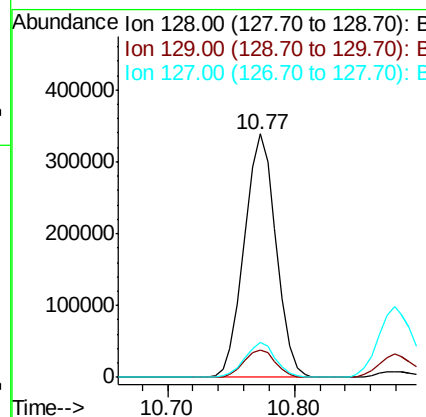
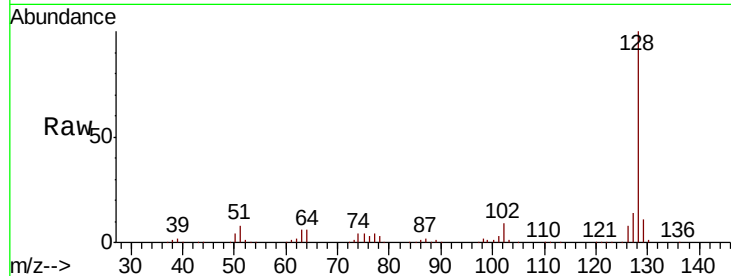
#31
Naphthalene
Concen: 38.806 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	14.4	10.7	16.1

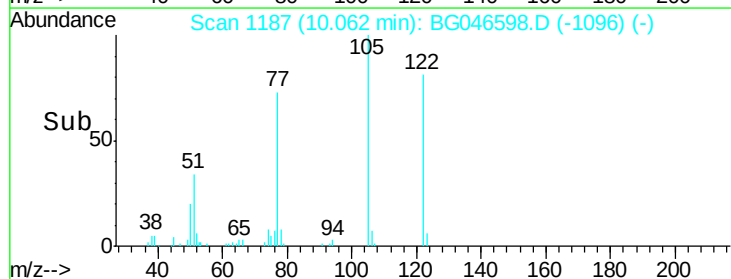
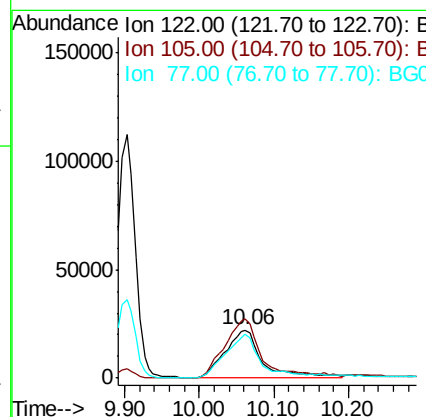
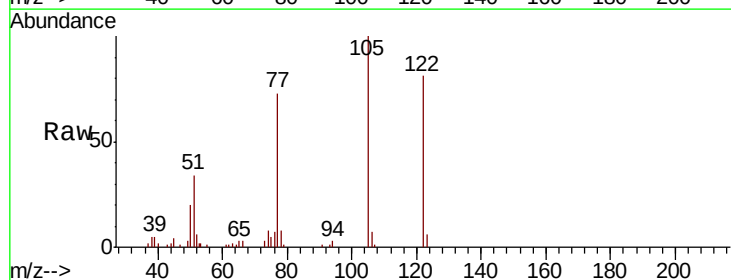
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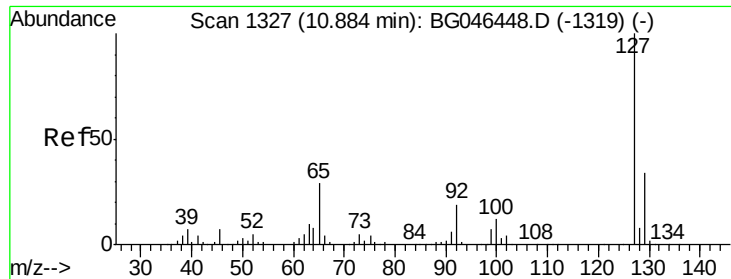
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#32
Benzoic acid
Concen: 29.833 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	102.5	142.5
77	90.1	68.2	108.2





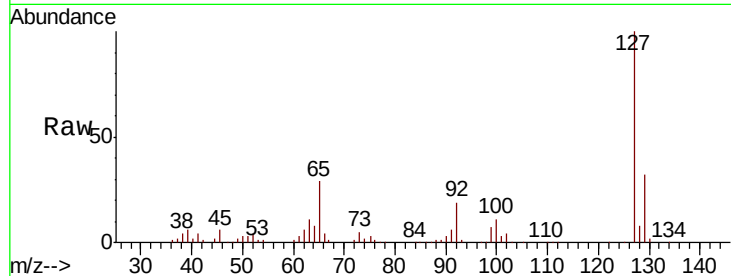
#33
4-Chloroaniline
Concen: 29.193 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

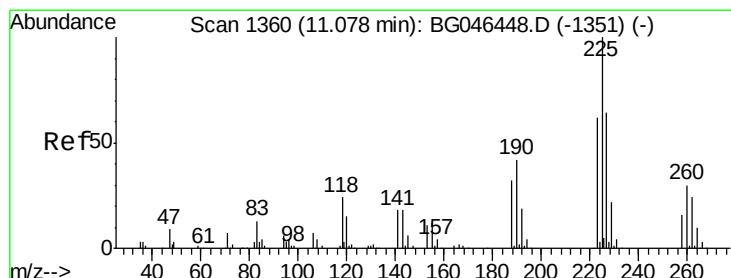
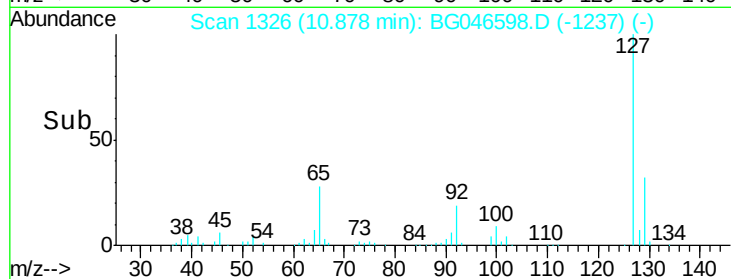
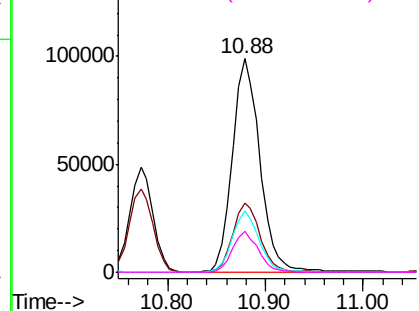
Tot Ion	Ratio	Resp	Lower	Upper
127	100	194818		
129	32.2	27.0	40.4	
65	28.6	23.5	35.3	
92	19.3	14.9	22.3	

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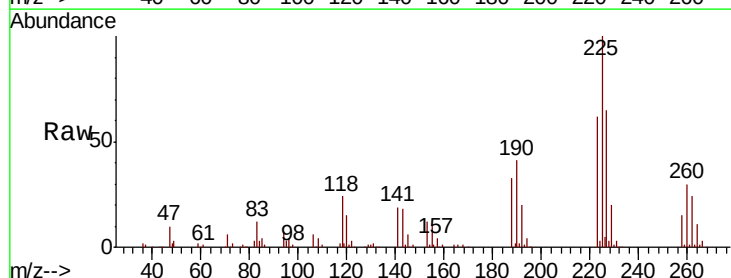


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

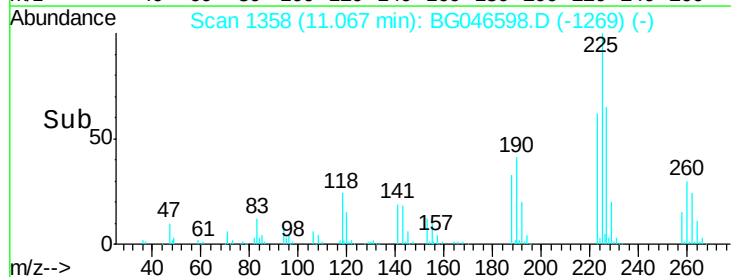
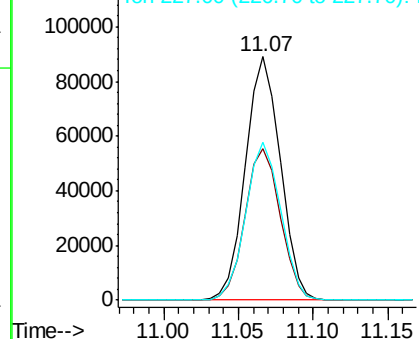


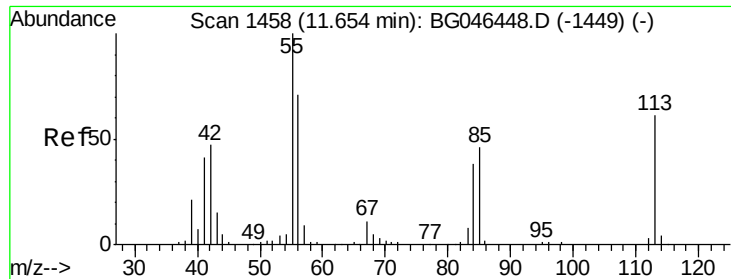
#34
Hexachlorobutadiene
Concen: 36.136 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144256		
223	62.1	49.9	74.9	
227	65.1	51.6	77.4	



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





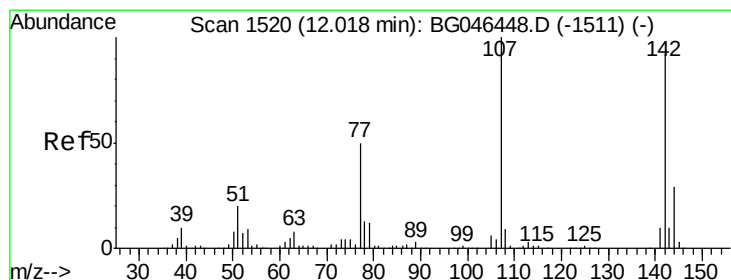
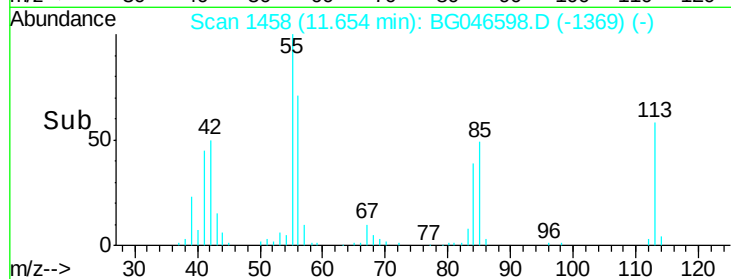
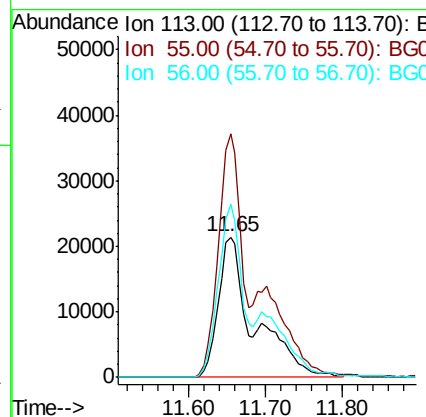
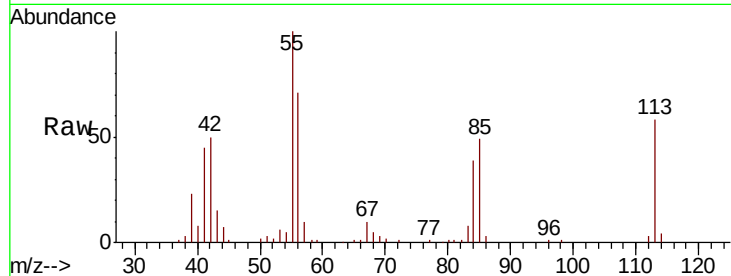
#35
 Caprolactam
 Concen: 36.026 ng/ml
 RT: 11.65 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleID :
 PB131544BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.8	144.2	184.2
56	123.4	97.0	137.0

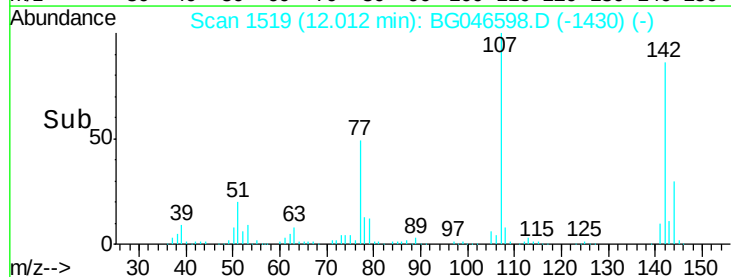
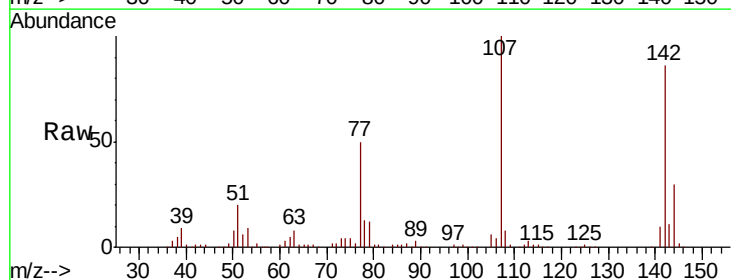
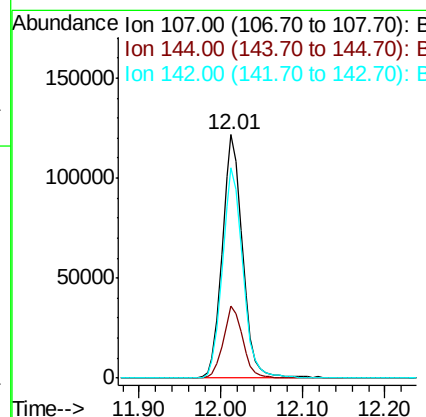
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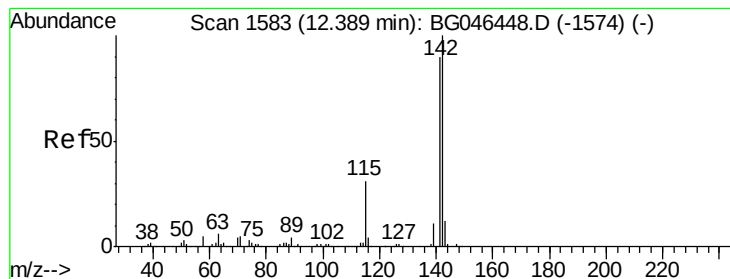
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#36
 4-Chloro-3-methylphenol
 Concen: 41.590 ng/ml
 RT: 12.01 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.3	34.9
142	86.2	73.7	110.5





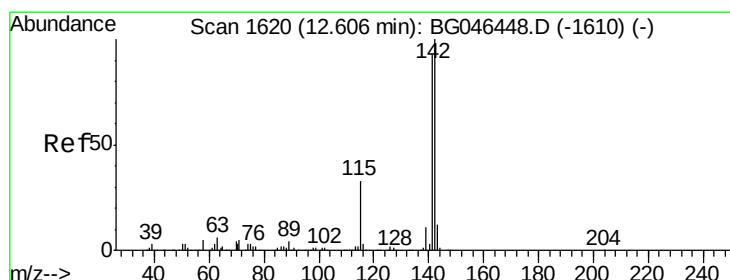
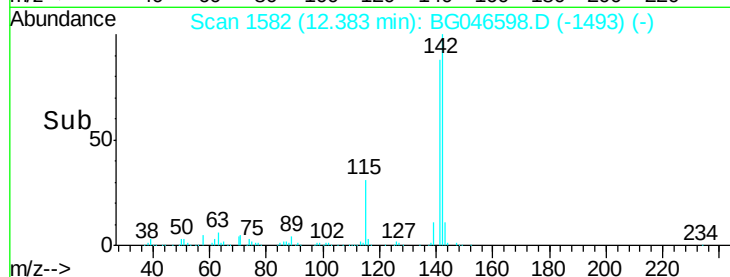
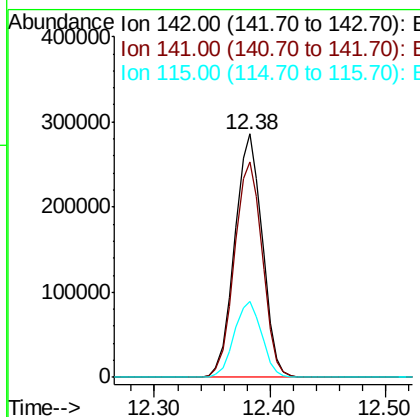
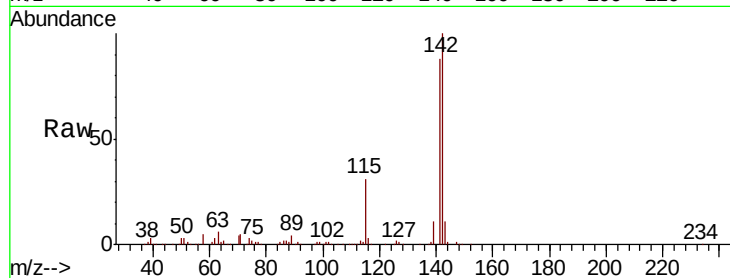
#37
 2-Methylnaphthalene
 Concen: 39.560 ng
 RT: 12.38 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion:	142	Resp:	472185
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.1	108.1
115	31.4	24.9	37.3

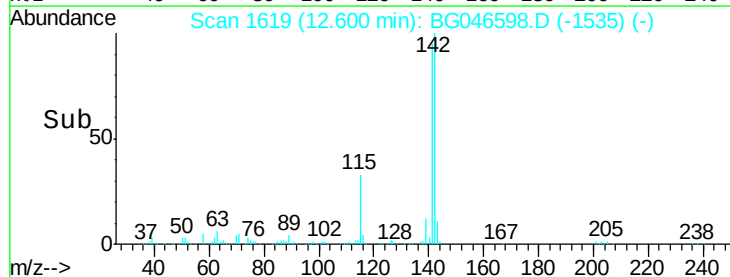
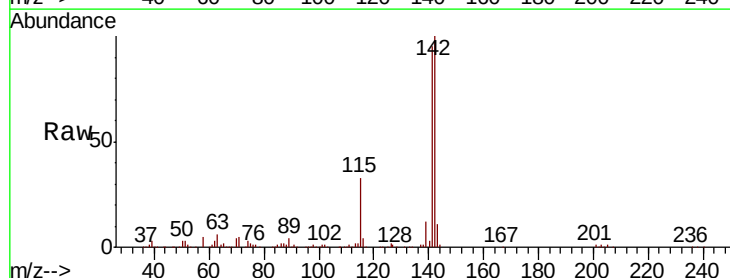
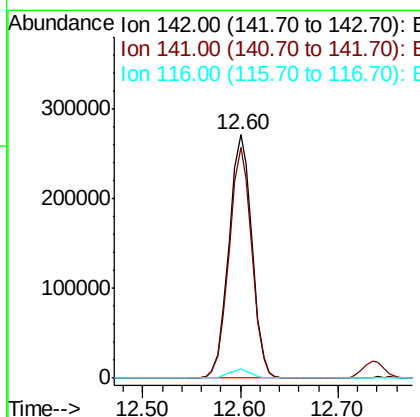
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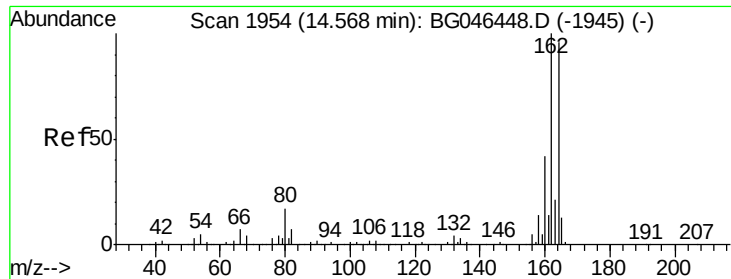
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#38
 1-Methylnaphthalene
 Concen: 39.314 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion:	142	Resp:	444495
Ion Ratio	Lower	Upper	
142	100		
141	94.8	74.7	112.1
116	3.6	2.6	4.0





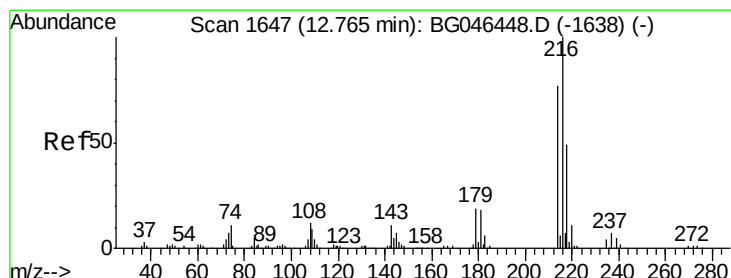
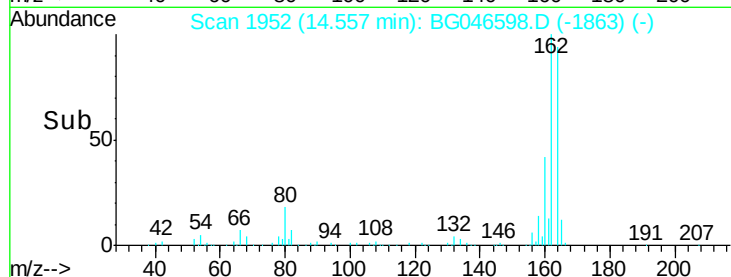
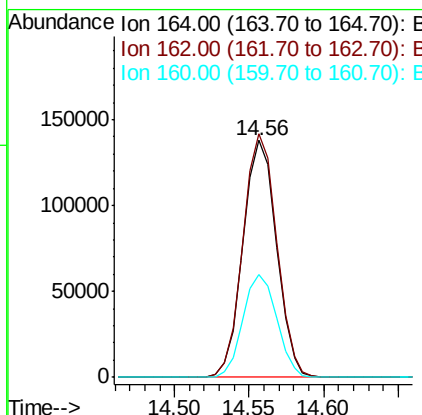
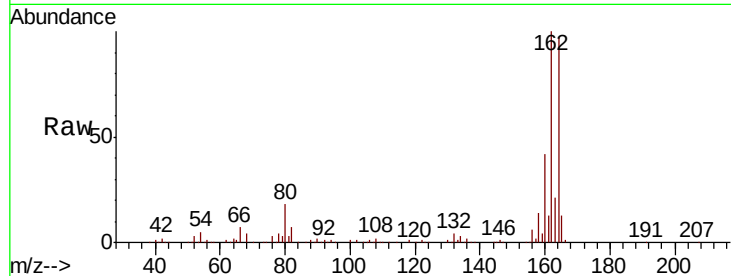
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	214411		
162	102.8	83.3	124.9	
160	43.6	35.0	52.6	

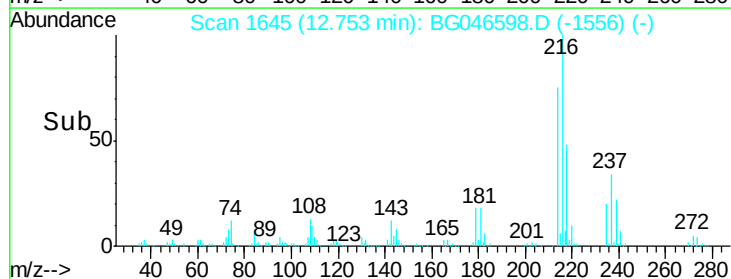
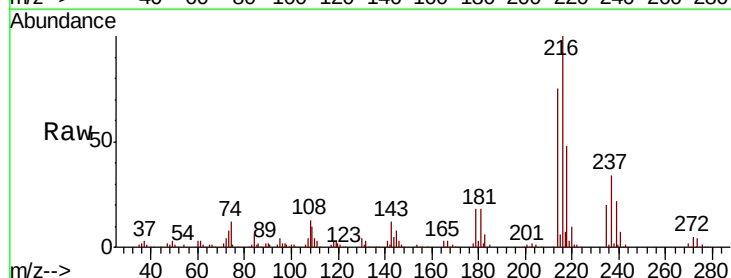
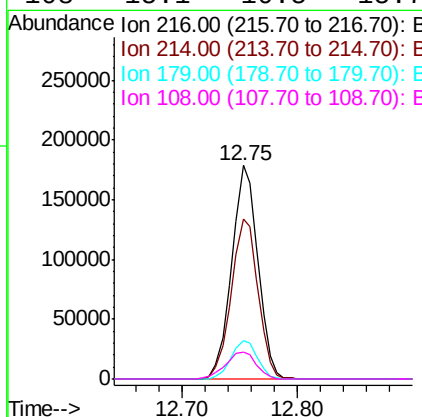
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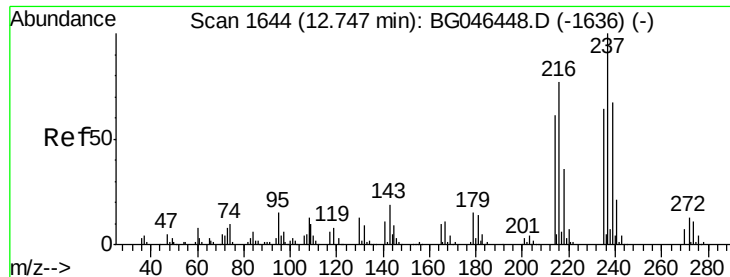
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.650 ng
RT: 12.75 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	280348		
214	76.6	62.1	93.1	
179	18.4	14.9	22.3	
108	15.1	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 95.143 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

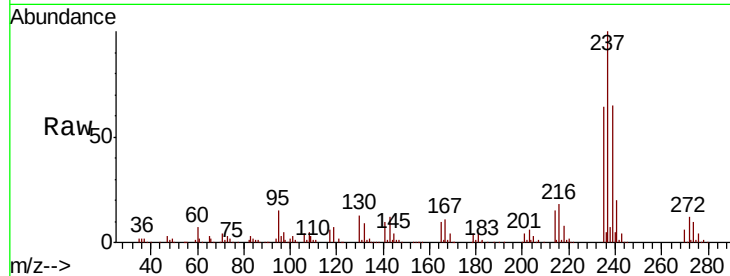
ClientSampleId :

PB131544BS

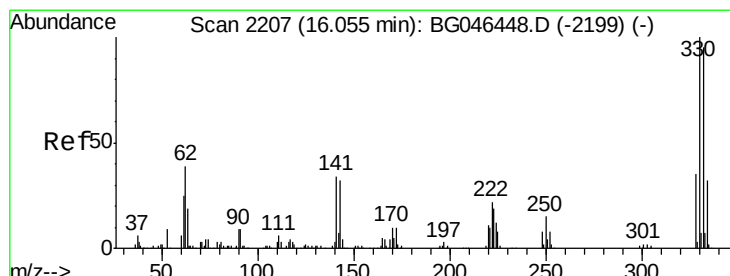
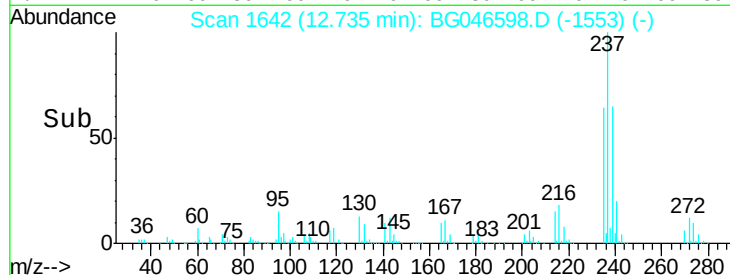
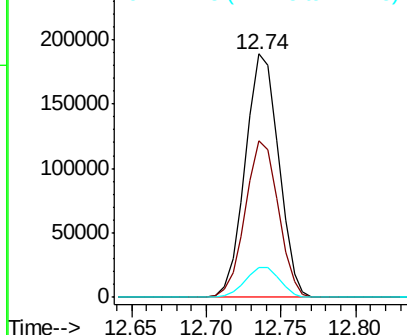
Tot Ion:	237	Resp:	292508
Ion Ratio	Lower	Upper	
237	100		
235	64.2	44.5	84.5
272	12.4	0.0	32.8

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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: 92.910 ng

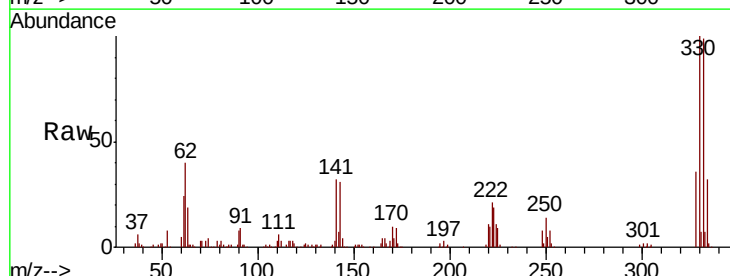
RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

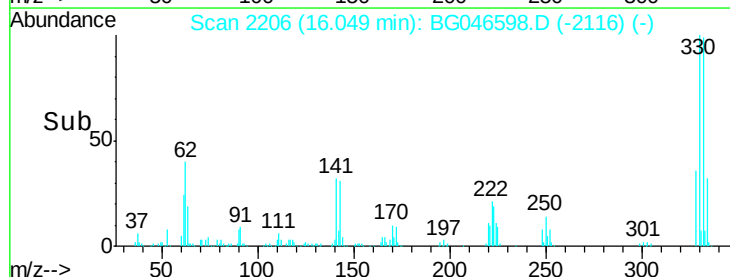
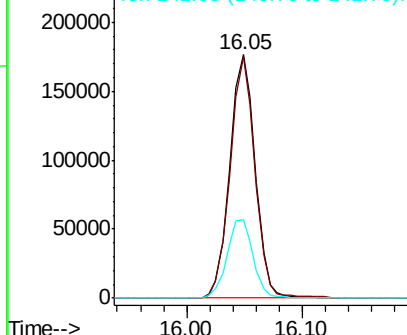
Lab File: BG046598.D

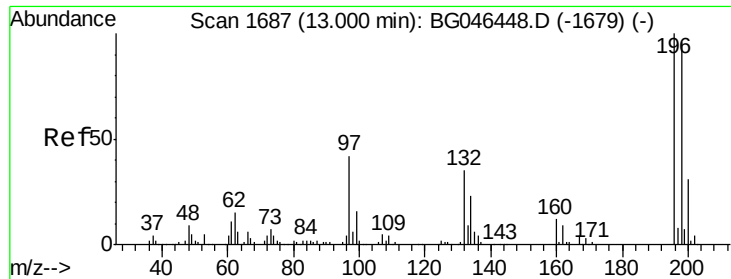
Acq: 11 Sep 2020 16:05

Tgt Ion:	330	Resp:	269915
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.1	114.1
141	33.1	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





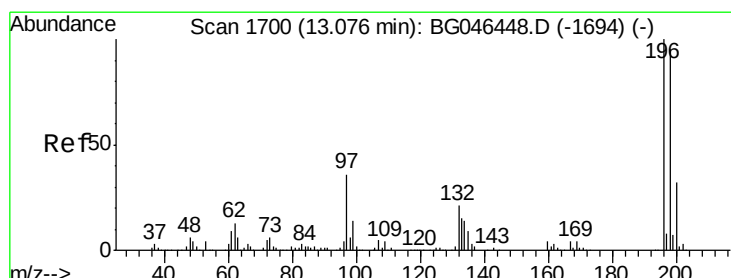
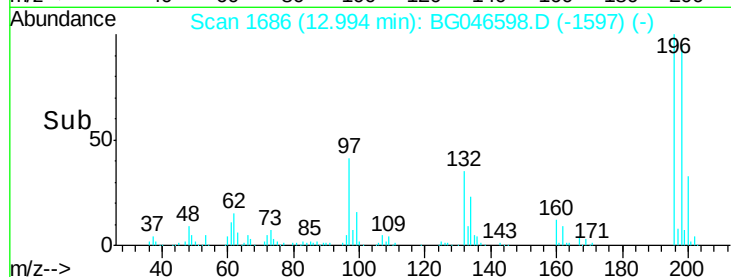
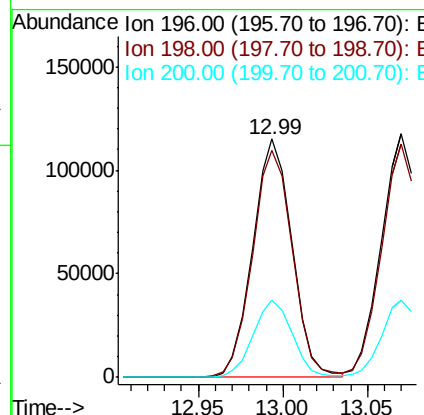
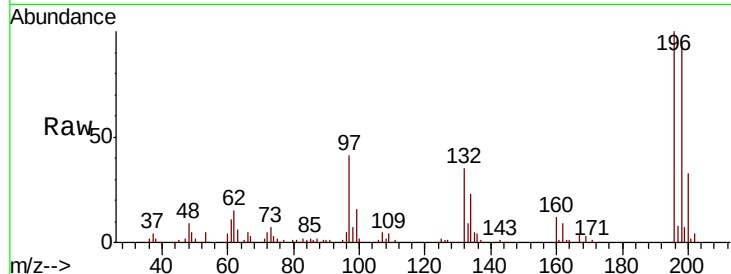
#43
 2,4,6-Trichlorophenol
 Concen: 39.050 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186321		
198	95.4	77.0	115.6	
200	32.5	25.2	37.8	

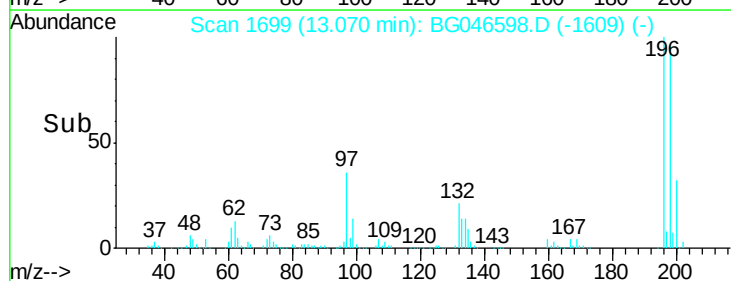
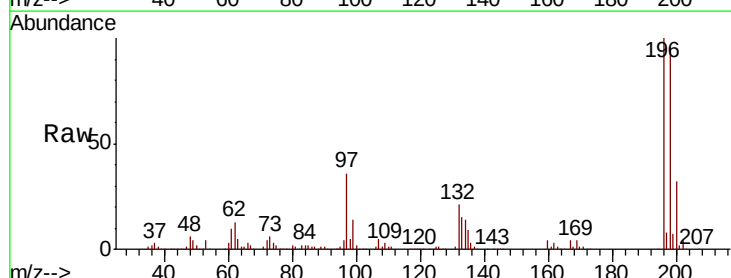
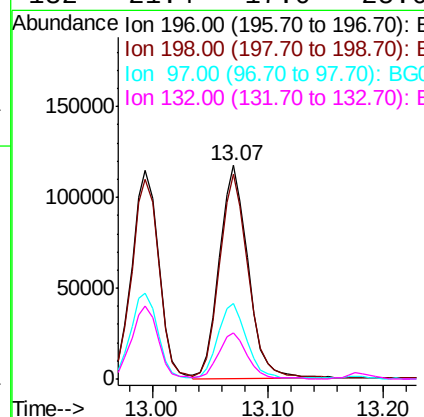
Manual Integrations
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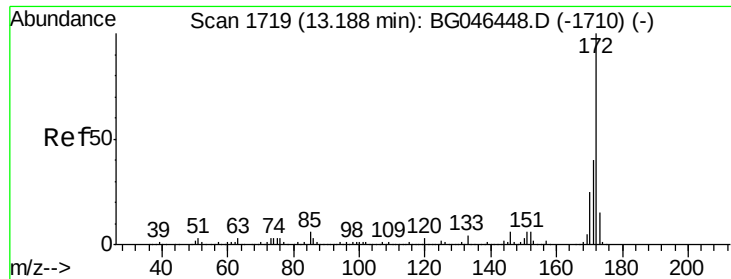
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.332 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202187		
198	95.6	75.6	113.4	
97	35.6	28.6	43.0	
132	21.4	17.0	25.6	





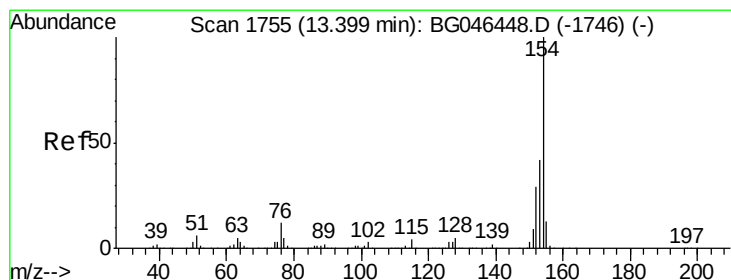
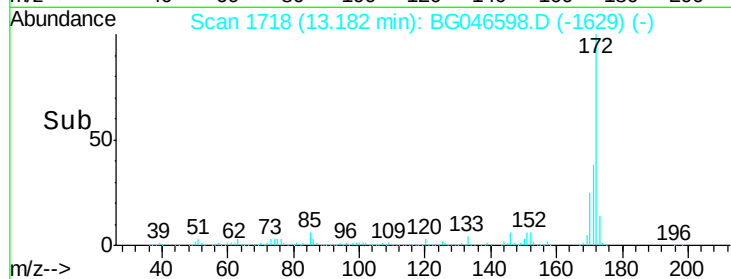
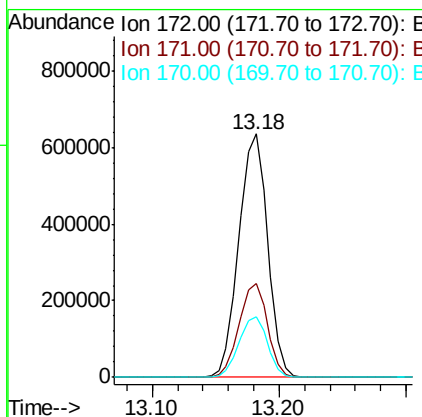
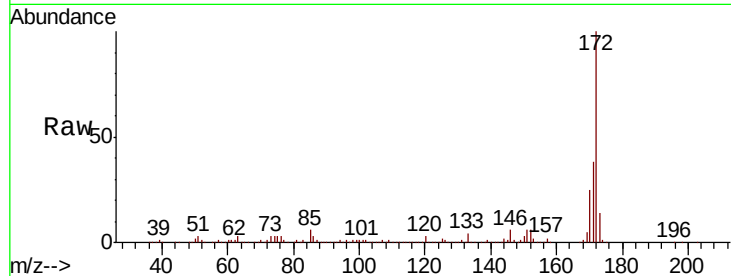
#45
2-Fluorobiphenyl
Concen: 71.223 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.8	47.6
170	24.9	20.3	30.5

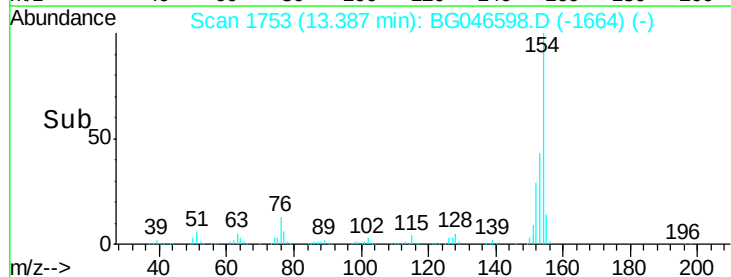
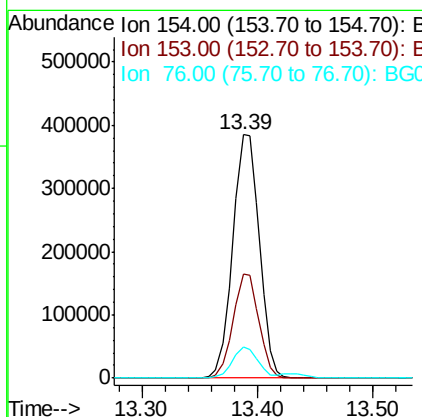
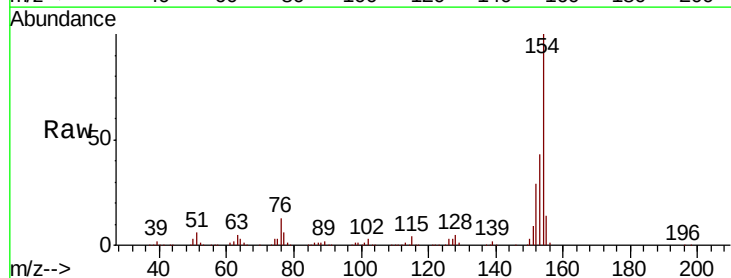
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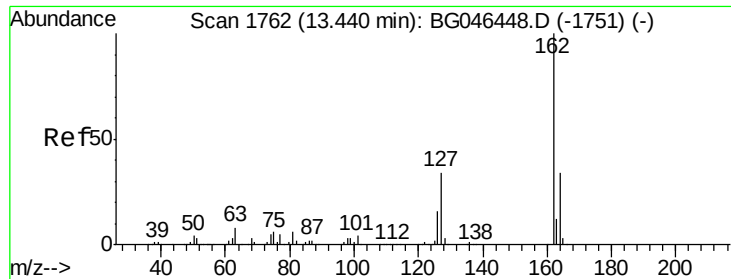
mohammad
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#46
1,1'-Biphenyl
Concen: 41.062 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.0	62.0
76	12.5	0.0	32.3





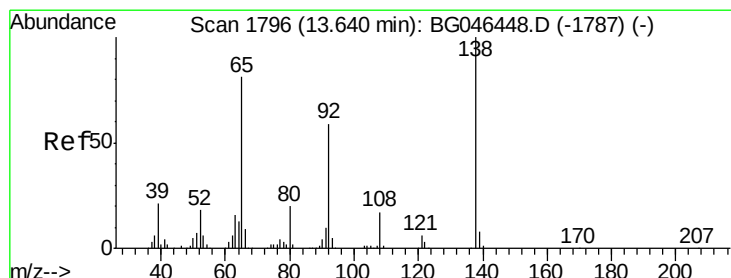
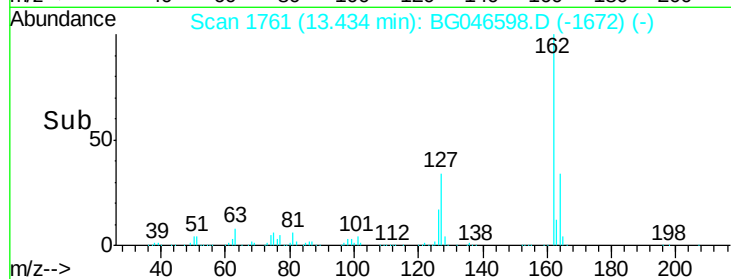
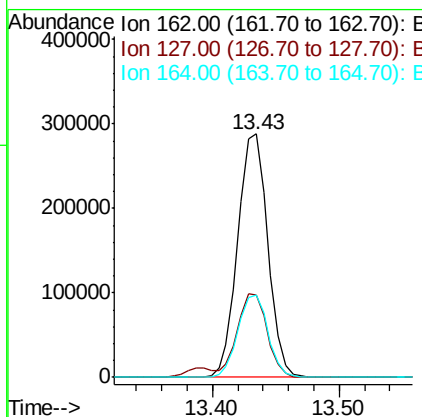
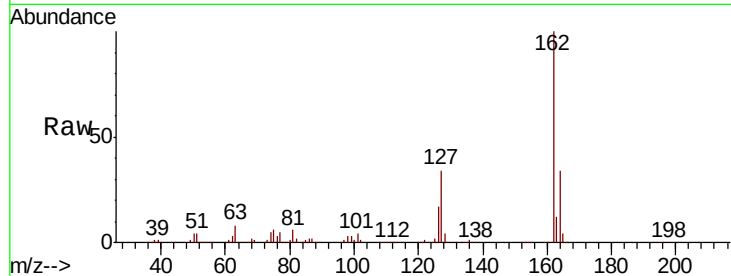
#47
2-Chloronaphthalene
Concen: 37.501 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	27.6	41.4
164	33.6	27.3	40.9

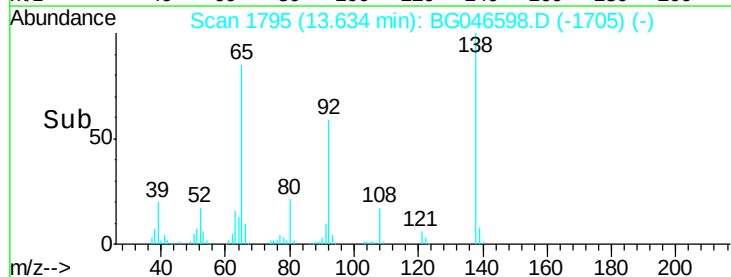
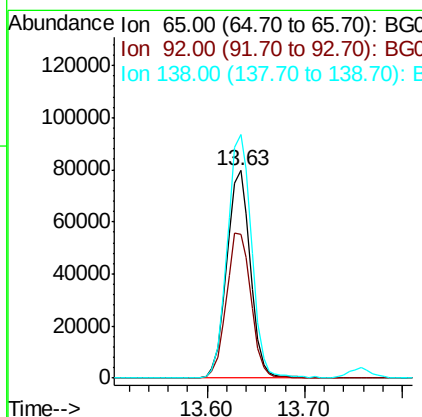
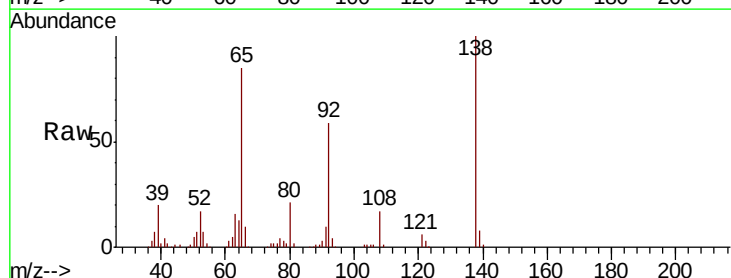
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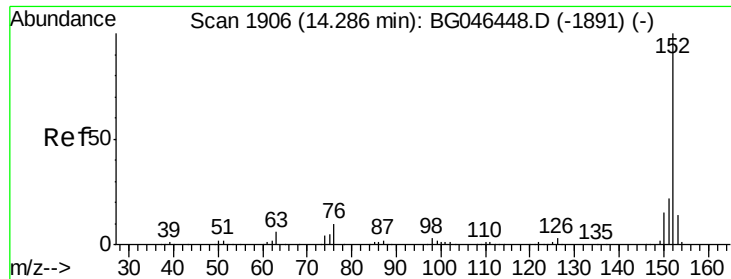
mohammad
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#48
2-Nitroaniline
Concen: 38.163 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	58.5	87.7
138	117.2	98.4	147.6





#49

Acenaphthylene

Concen: 39.865 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

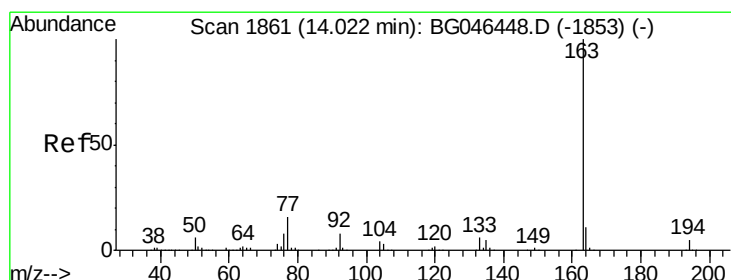
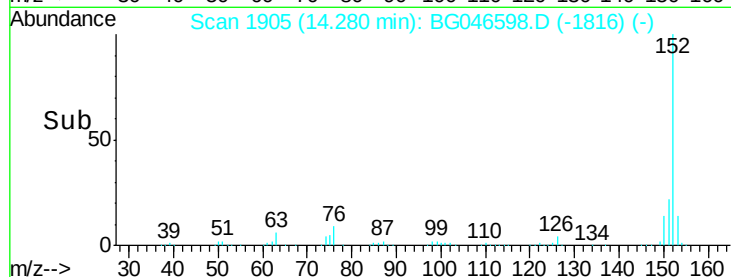
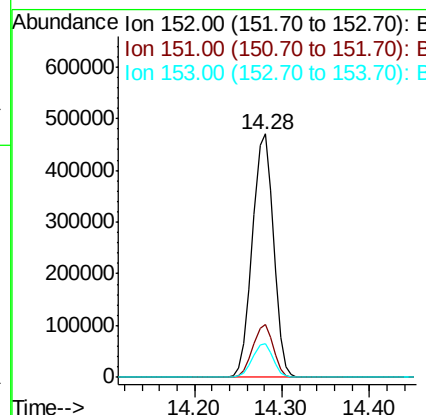
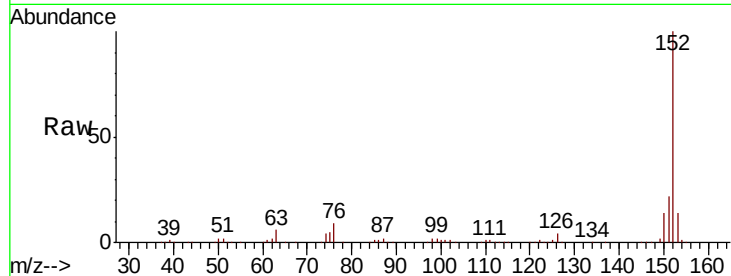
ClientSampleId :

PB131544BS

Tot Ion:	152	Resp:	764837
Ion Ratio		Lower	Upper
152	100		
151	22.0	17.7	26.5
153	13.9	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.796 ng

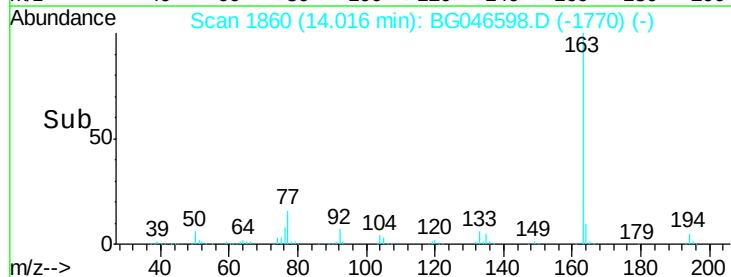
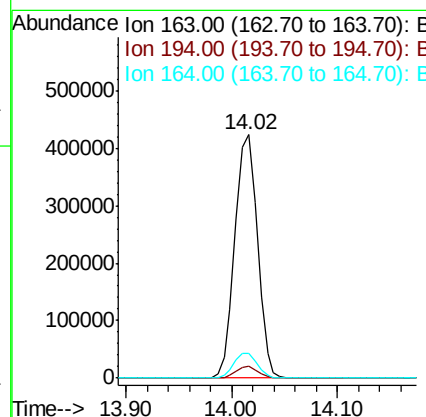
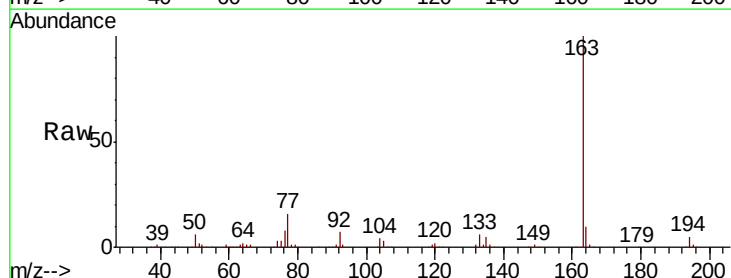
RT: 14.02 min Scan# 1860

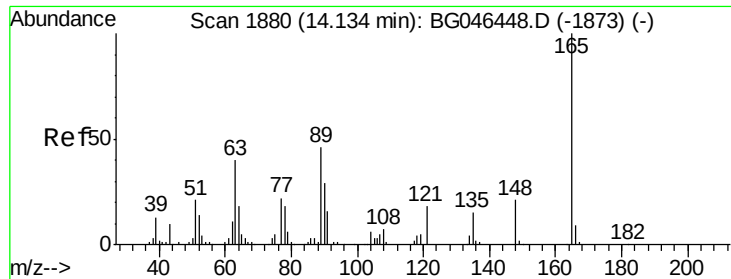
Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:	163	Resp:	626954
Ion Ratio		Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.4	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 39.220 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion:165 Resp: 143409

Ion Ratio Lower Upper

165 100

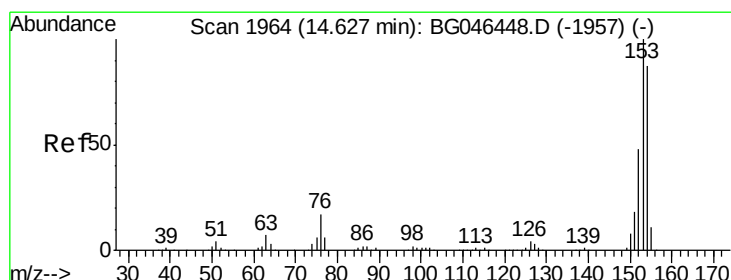
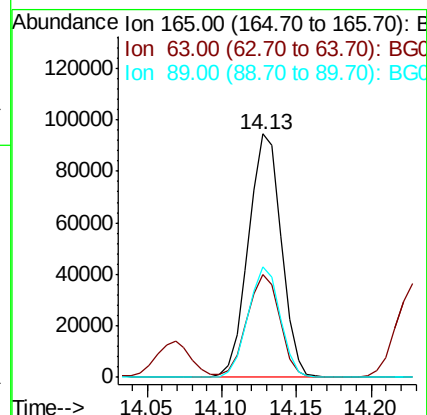
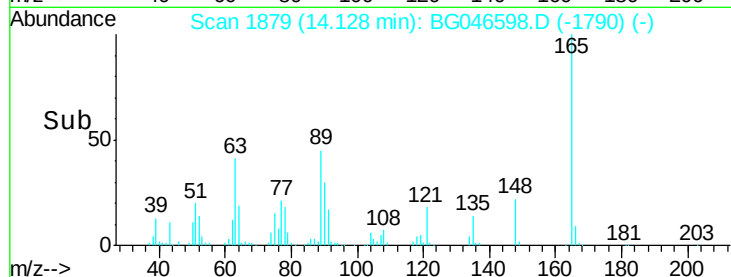
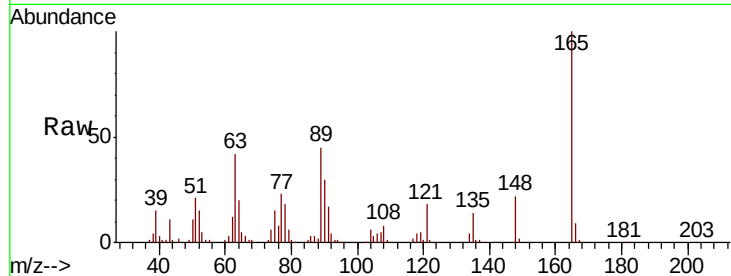
63 42.3 34.2 51.4

89 45.4 37.0 55.4

Manual Integrations
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#52

Acenaphthene

Concen: 38.036 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

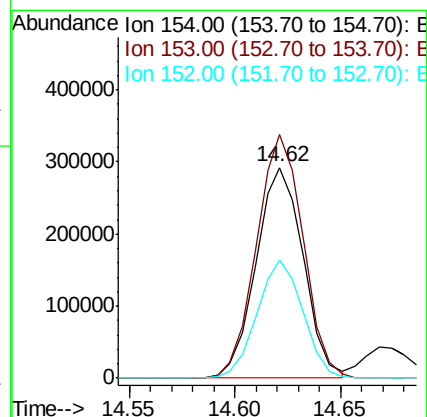
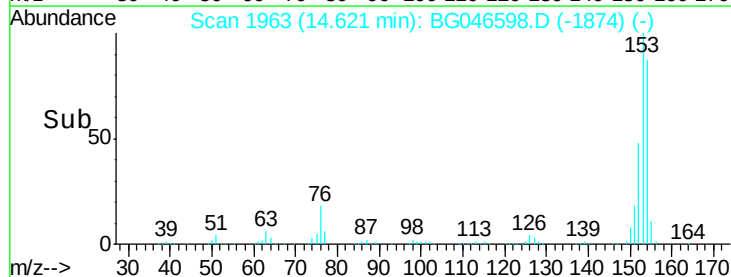
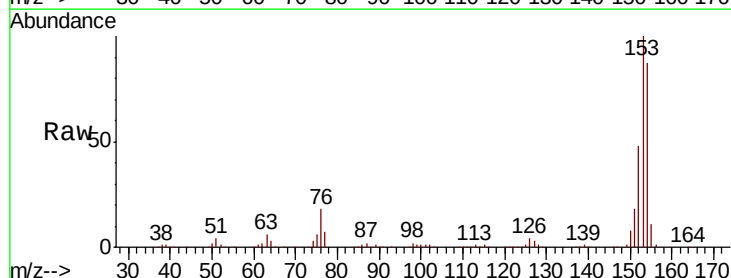
Tgt Ion:154 Resp: 452217

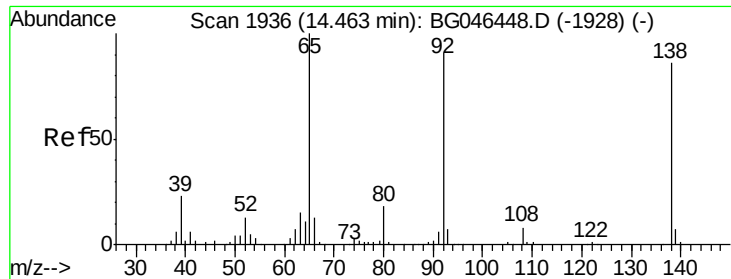
Ion Ratio Lower Upper

154 100

153 115.6 91.9 137.9

152 56.0 43.8 65.6





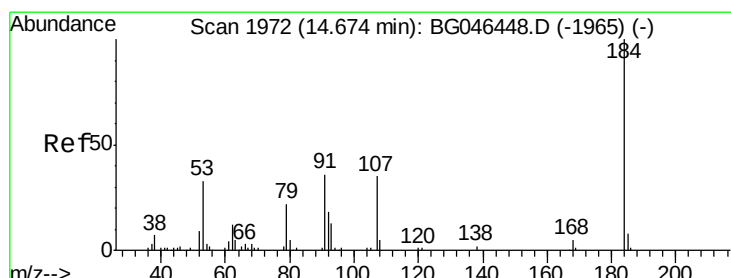
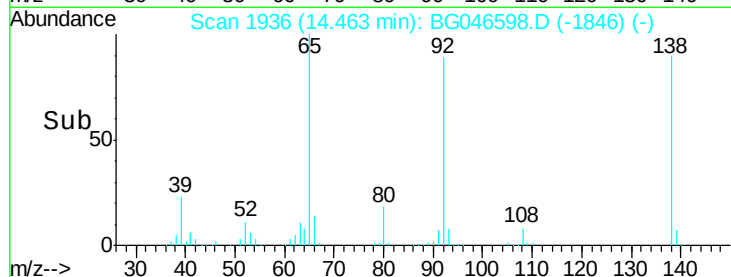
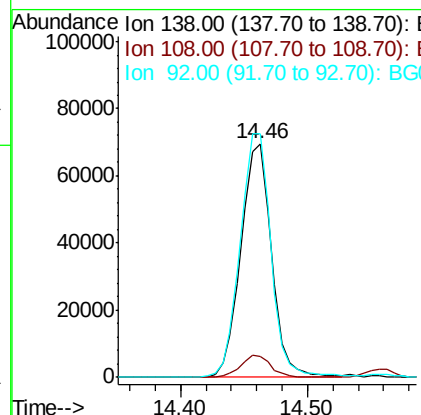
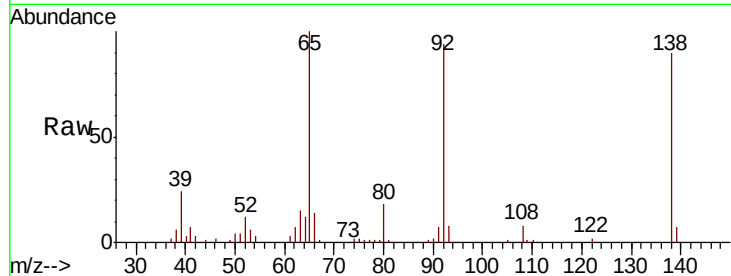
#53
3-Nitroaniline
Concen: 29.496 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.2	7.0	10.6	
92	104.3	84.6	127.0	

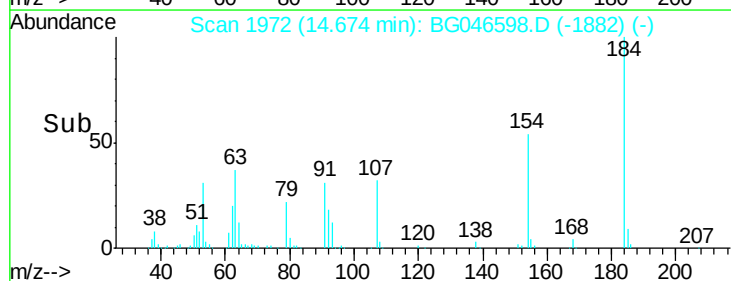
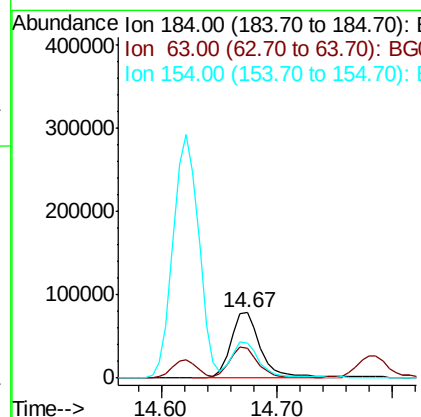
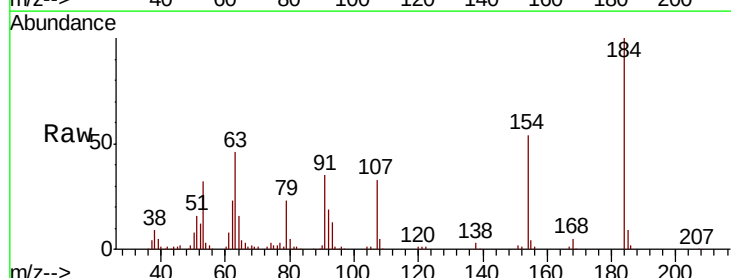
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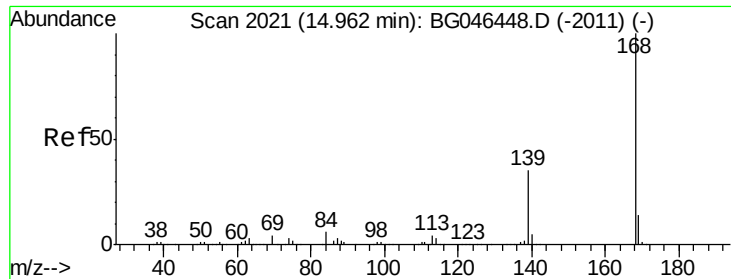
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#54
2,4-Dinitrophenol
Concen: 66.894 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	45.9	35.6	53.4	
154	53.7	44.3	66.5	





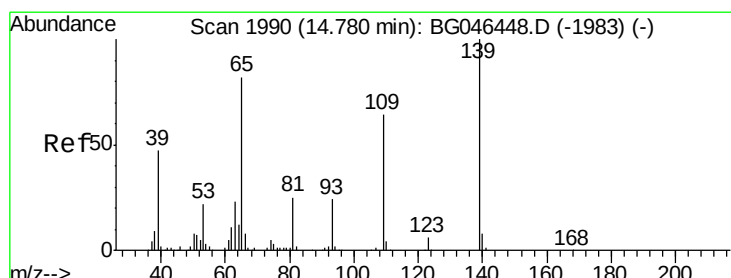
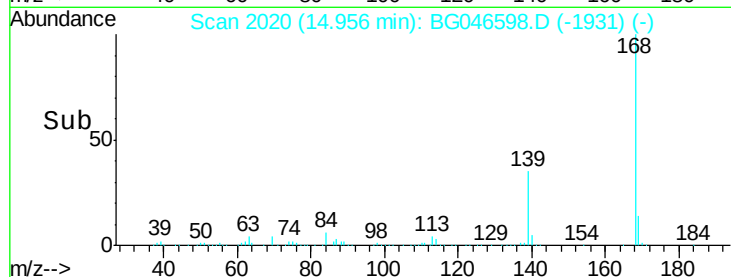
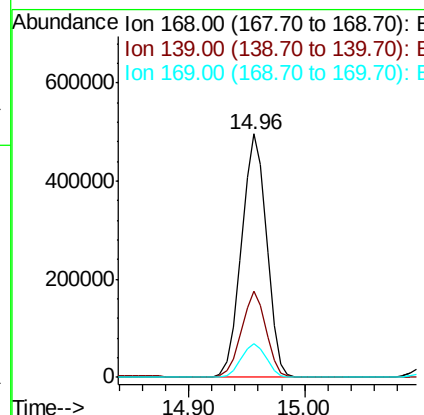
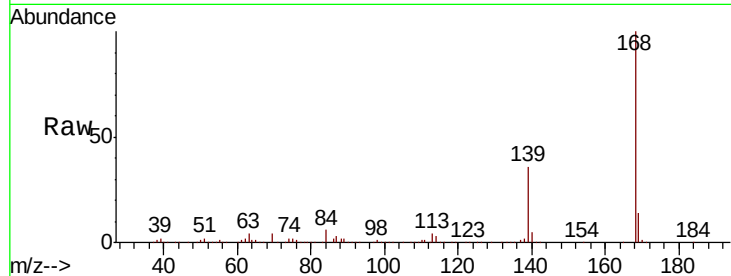
#55
Dibenzofuran
Concen: 39.208 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.1	42.1
169	14.1	11.5	17.3

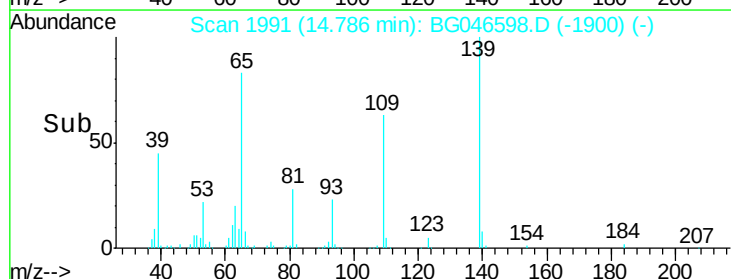
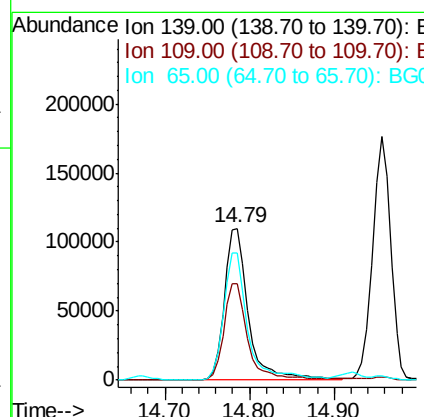
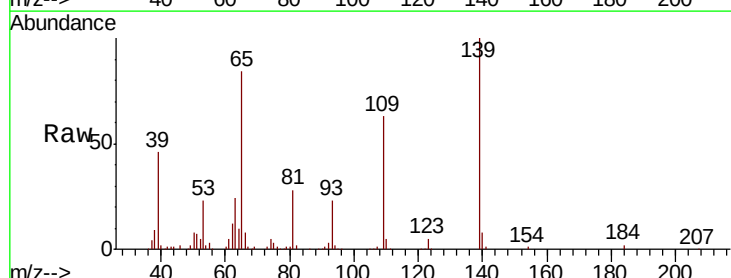
Manual Integrations
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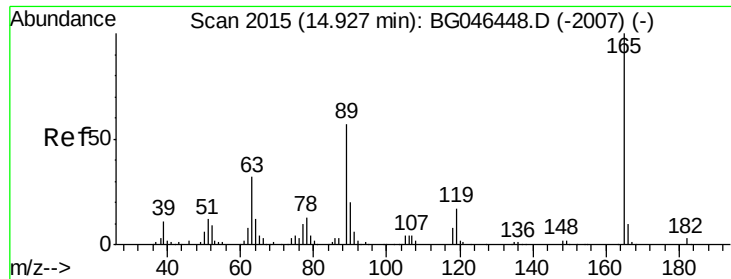
mohammad
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#56
4-Nitrophenol
Concen: 74.613 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	44.3	84.3
65	83.6	61.5	101.5





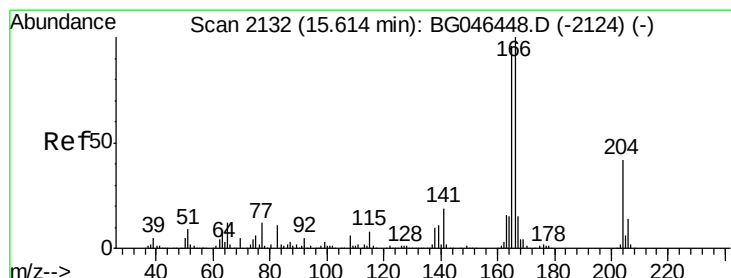
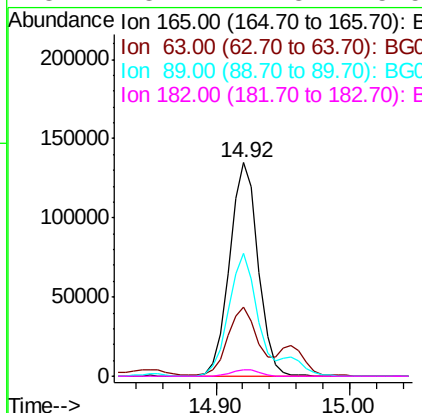
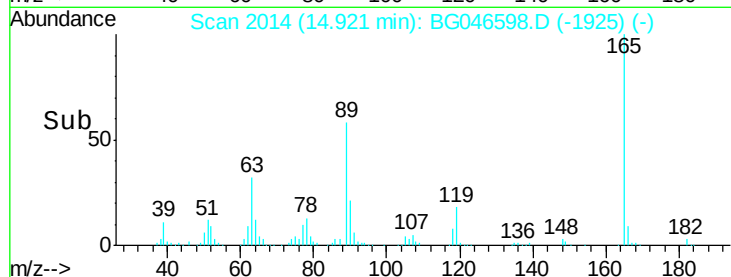
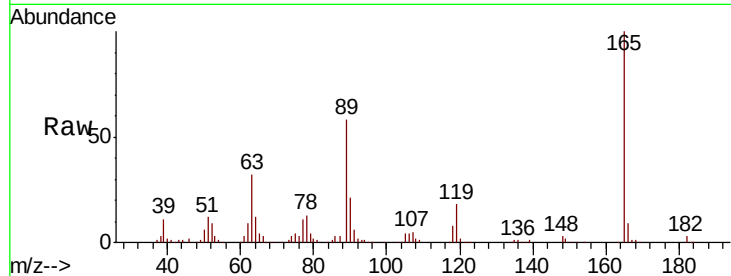
#57
2,4-Dinitrotoluene
Concen: 38.642 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201470		
63	32.1	25.4	38.0	
89	57.7	45.9	68.9	
182	3.2	2.3	3.5	

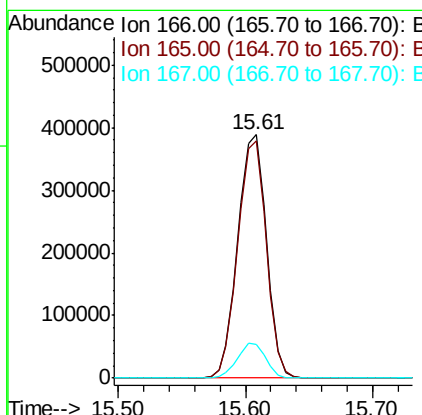
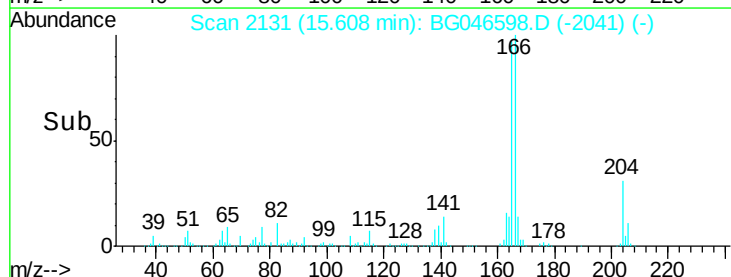
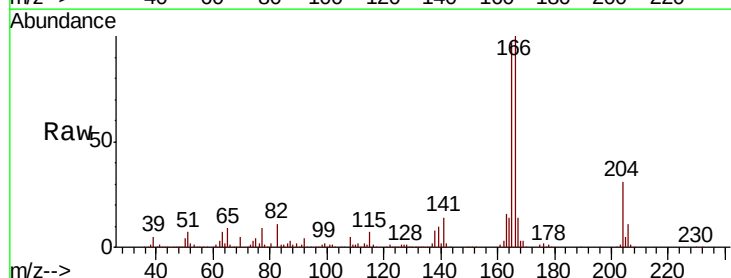
Manual Integrations
APPROVED

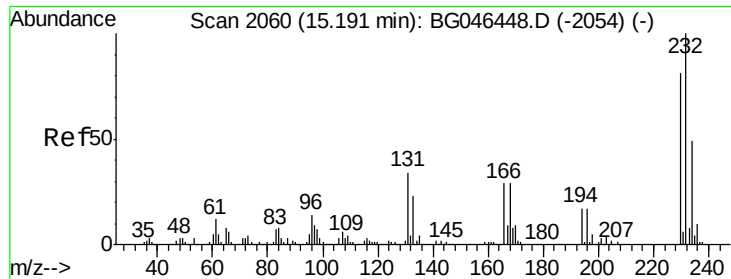
mohammad
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#58
Fluorene
Concen: 38.055 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	609407		
165	97.3	77.0	115.4	
167	13.8	11.8	17.6	





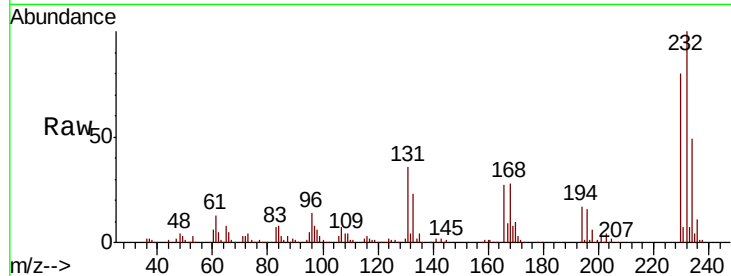
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.849 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

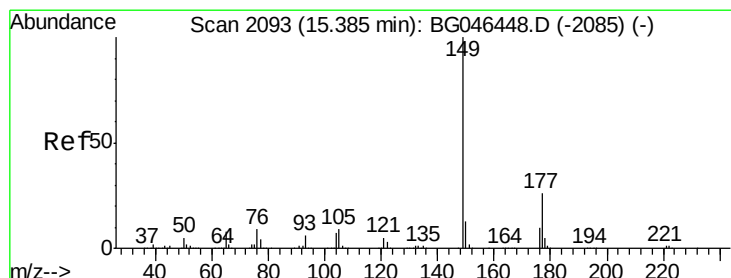
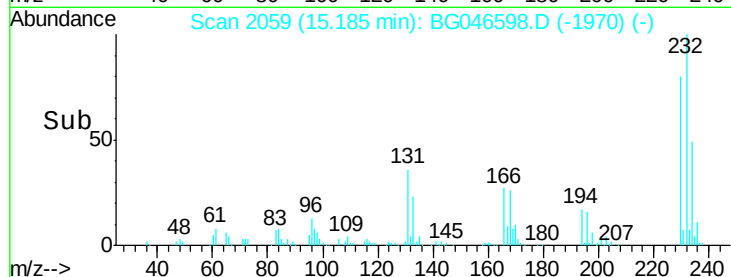
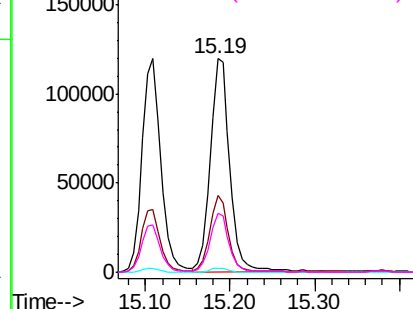
Tot Ion	Ratio	Resp	Lower	Upper
232	100	193988		
131	34.1	26.8	40.2	
130	1.9	1.4	2.2	
166	26.6	22.8	34.2	

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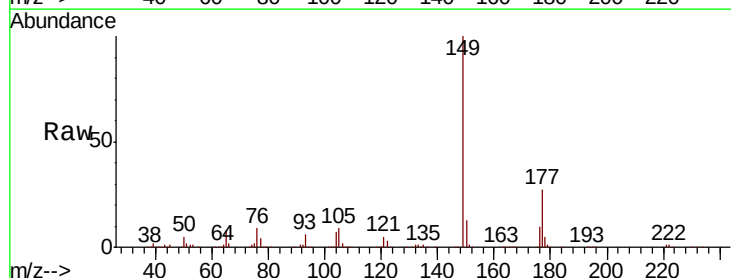


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

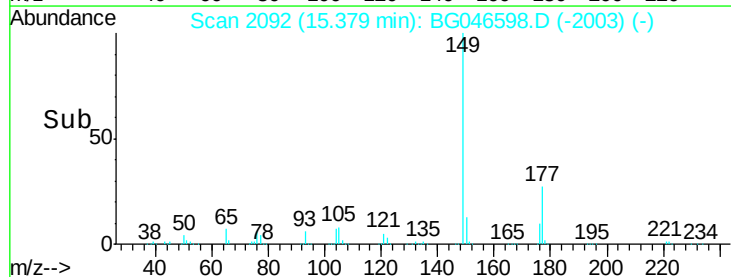
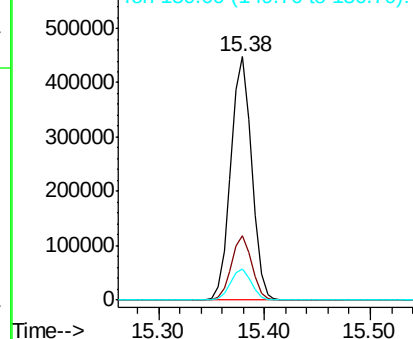


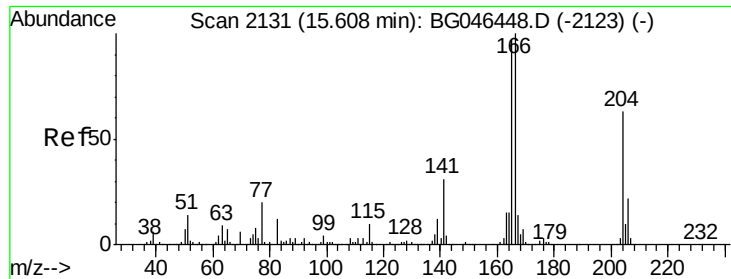
#60
Diethylphthalate
Concen: 37.619 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	608411		
177	26.5	20.6	30.8	
150	13.0	10.3	15.5	



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





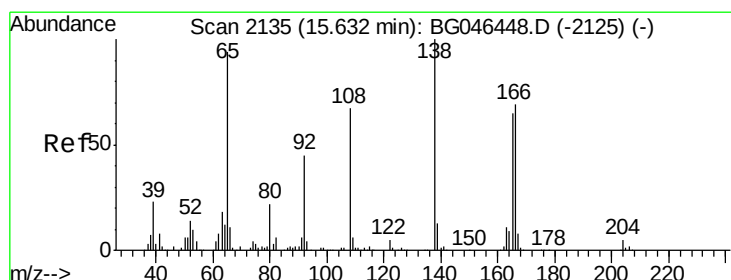
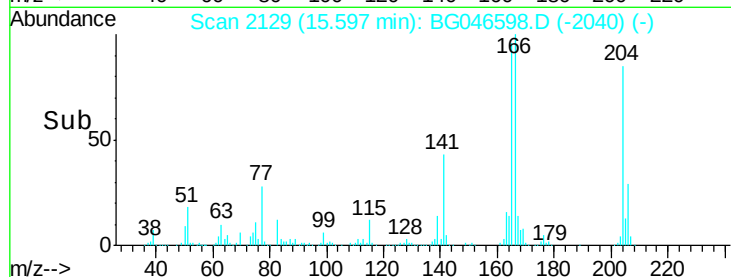
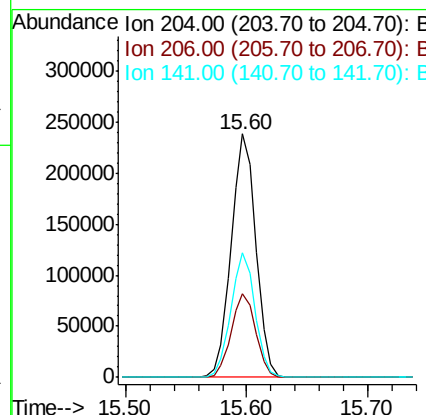
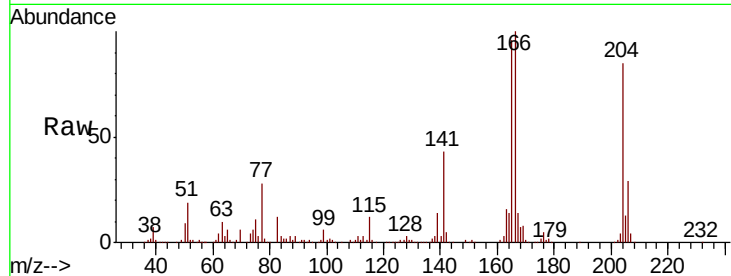
#61
4-Chlorophenyl-phenylether
Concen: 38.152 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	336484		
206	34.5	27.7	41.5	
141	50.9	38.7	58.1	

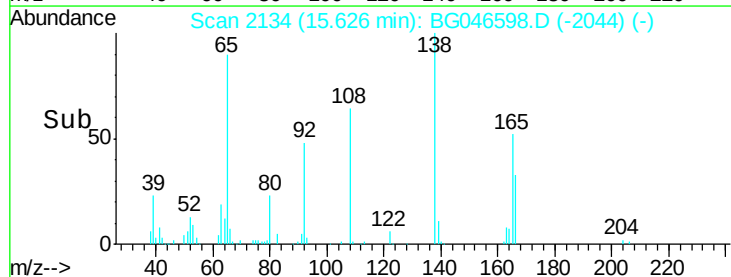
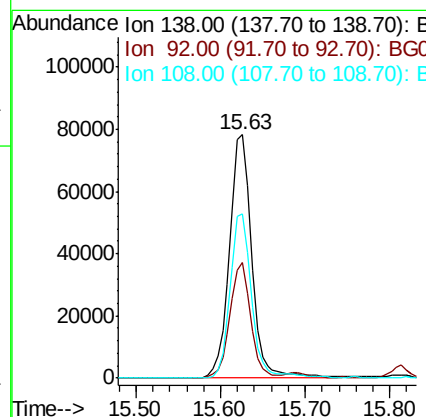
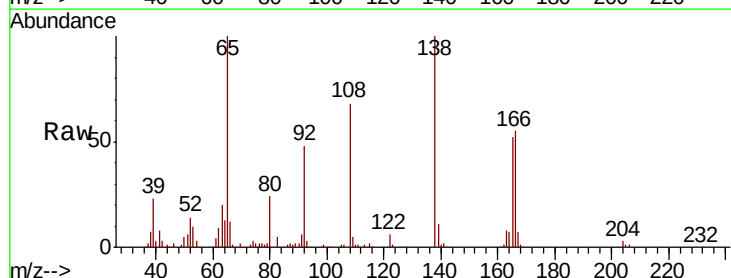
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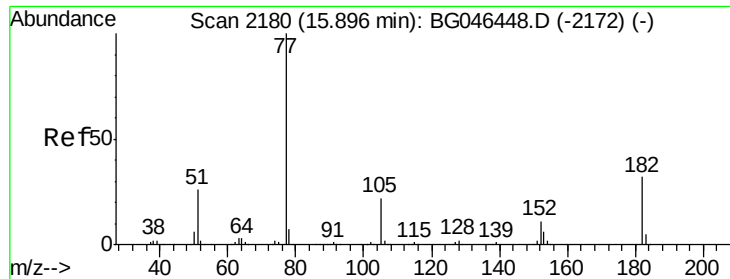
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#62
4-Nitroaniline
Concen: 34.208 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	142963		
92	47.5	25.3	65.3	
108	67.5	46.7	86.7	





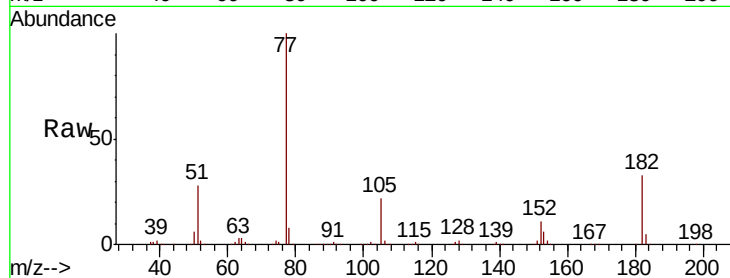
#63
Azobenzene
Concen: 39.382 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

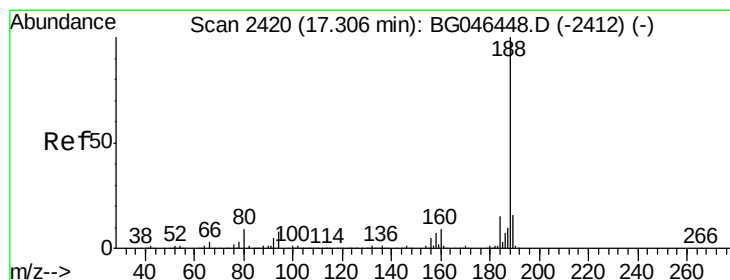
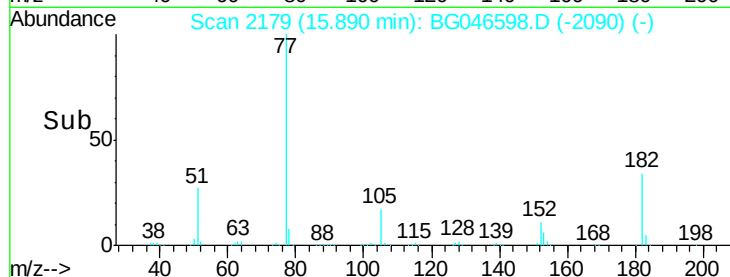
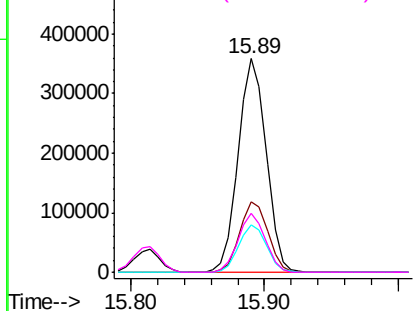
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		518104		
182	33.2	12.3	52.3		
105	22.3	2.3	42.3		
51	27.7	6.5	46.5		

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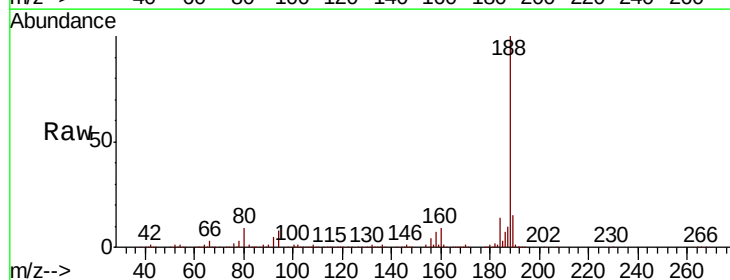


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

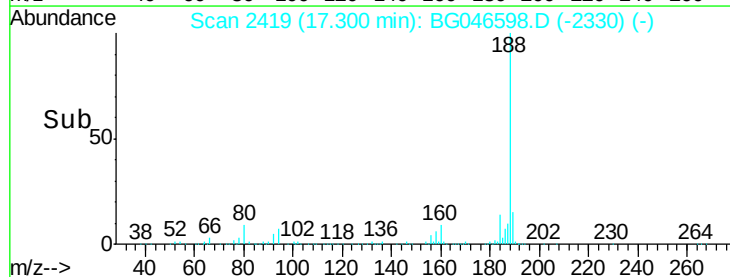
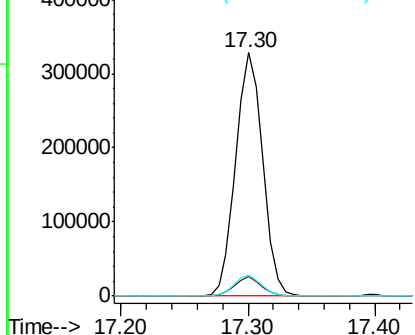


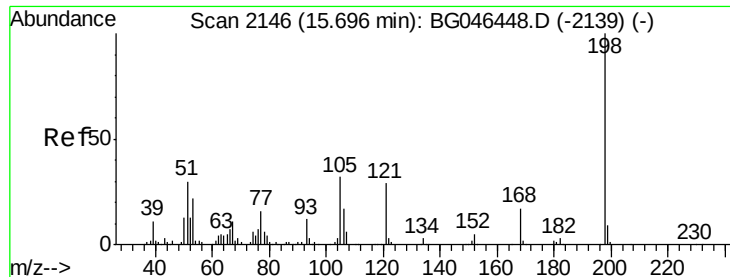
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		483524		
94	7.9	6.3	9.5		
80	8.8	6.9	10.3		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 43.148 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

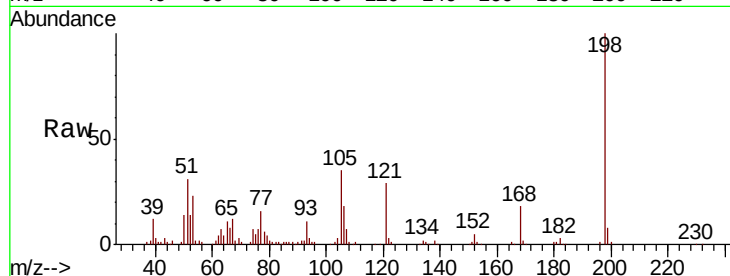
ClientSampleId :

PB131544BS

Tot Ion:	198	Resp:	118085
Ion Ratio	Lower	Upper	
198	100		
51	31.3	10.4	50.4
105	34.7	12.4	52.4

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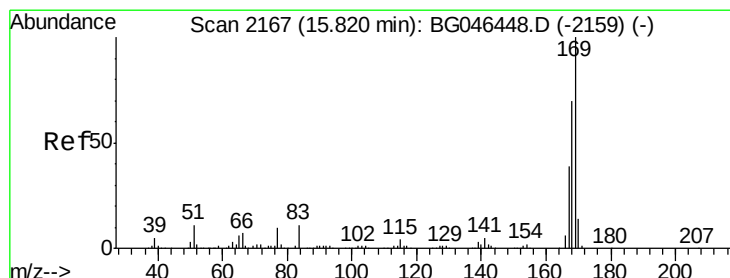
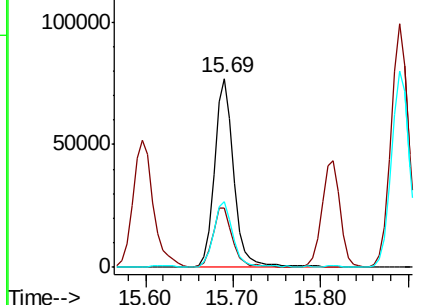
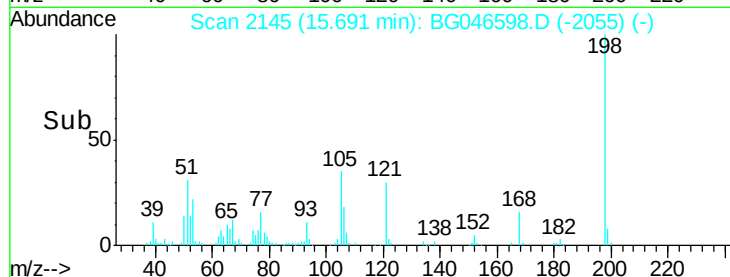
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.829 ng

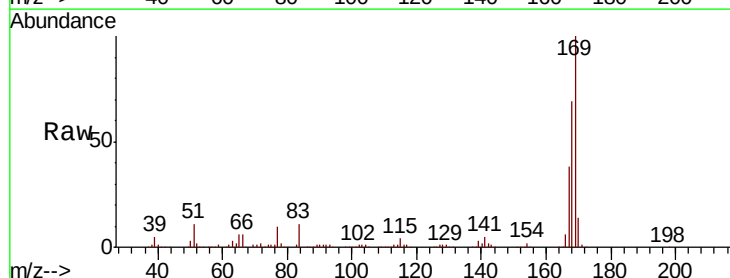
RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

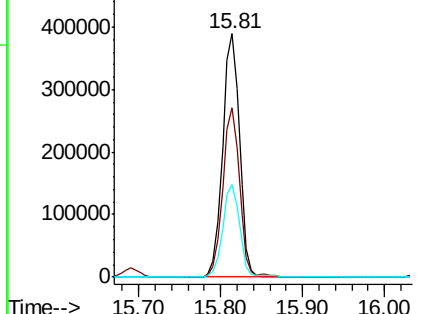
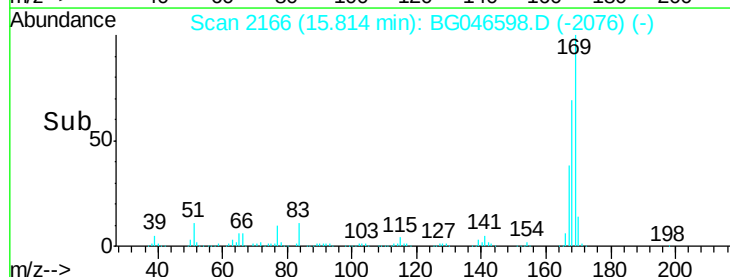
Tgt Ion:	169	Resp:	558677
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.8	83.8
167	38.2	31.0	46.6

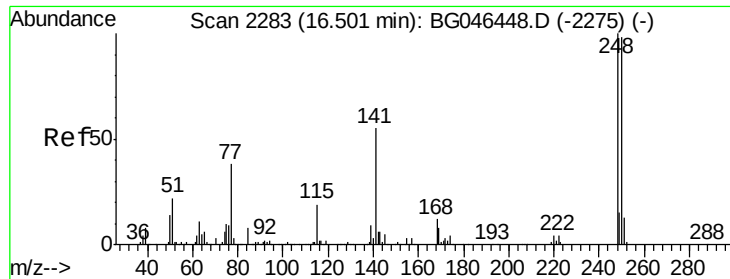


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





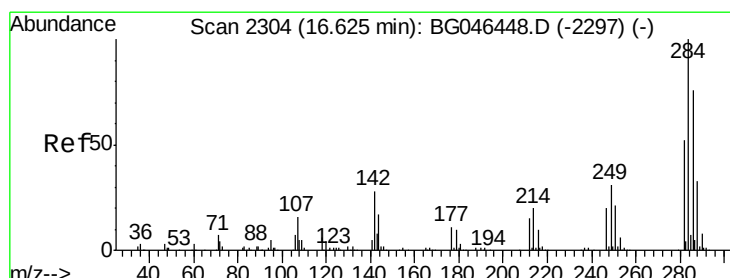
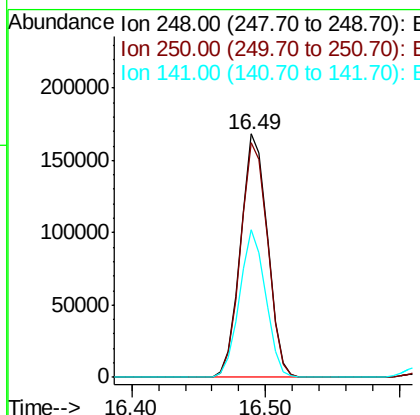
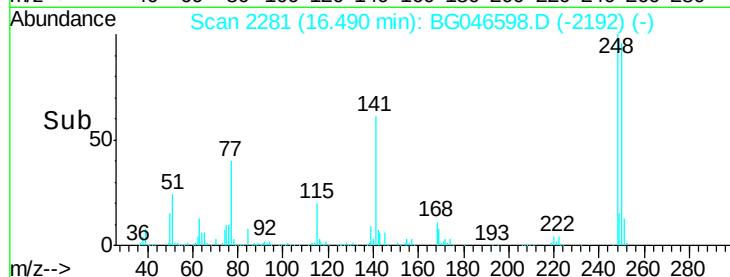
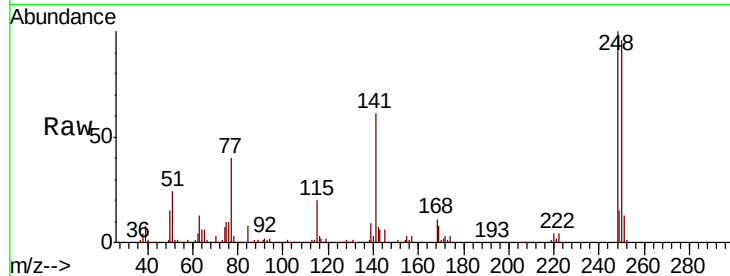
#67
4-Bromophenyl-phenylether
Concen: 41.595 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.6	118.0
141	60.6	43.9	65.9

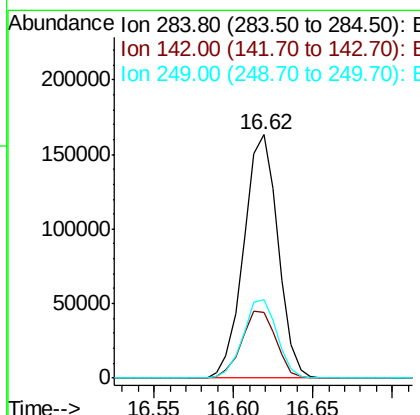
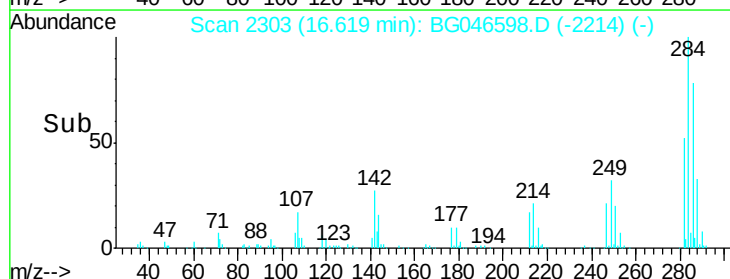
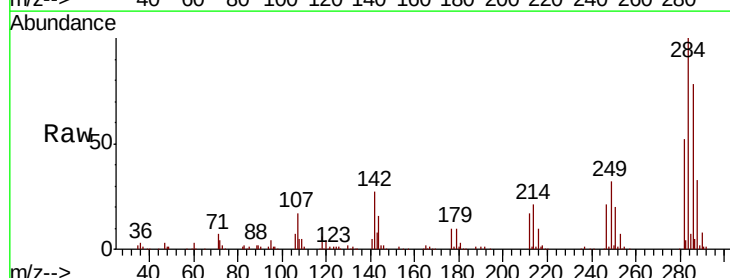
Manual Integrations
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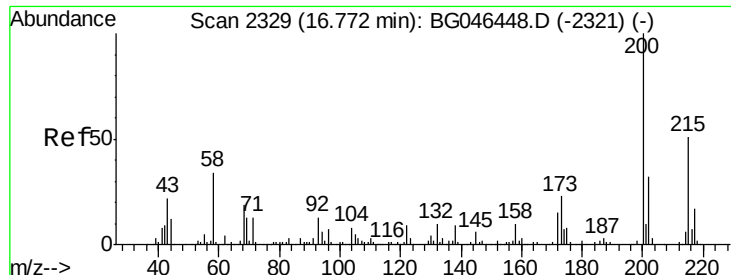
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#68
Hexachlorobenzene
Concen: 39.204 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	22.3	33.5
249	32.4	24.8	37.2





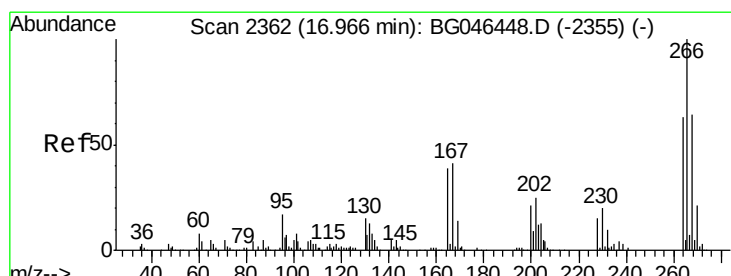
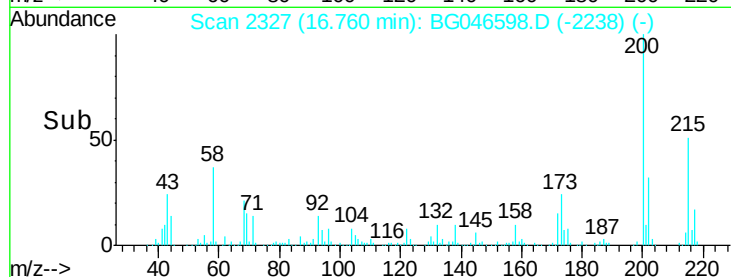
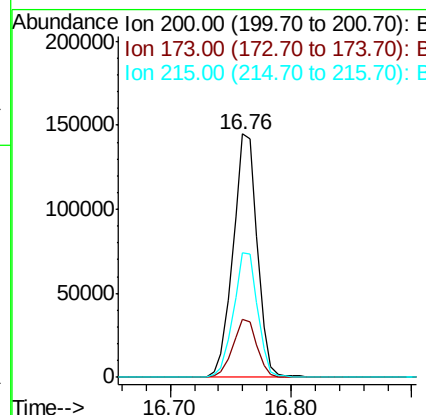
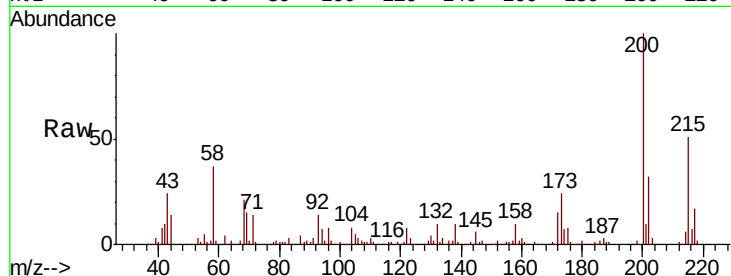
#69
 Atrazine
 Concen: 37.956 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.6	3.3	43.3
215	51.4	30.9	70.9

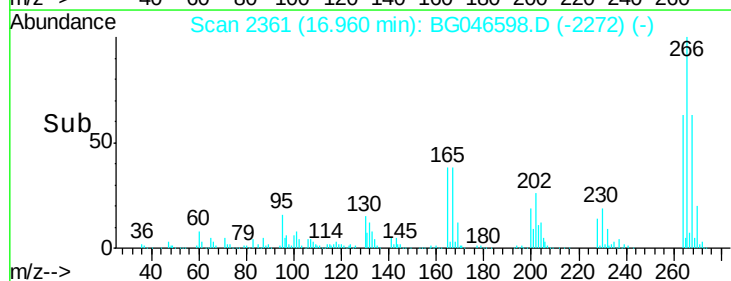
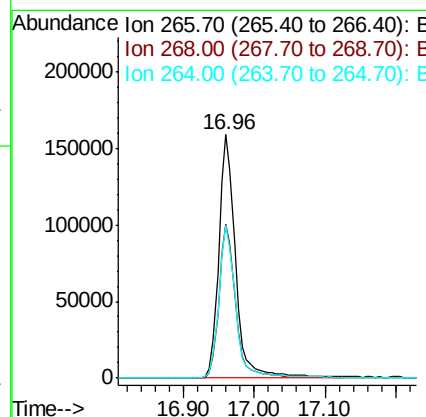
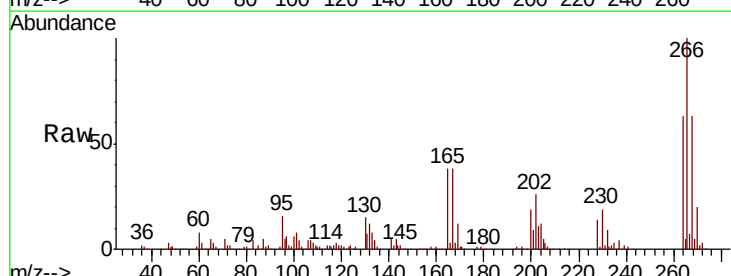
Manual Integrations
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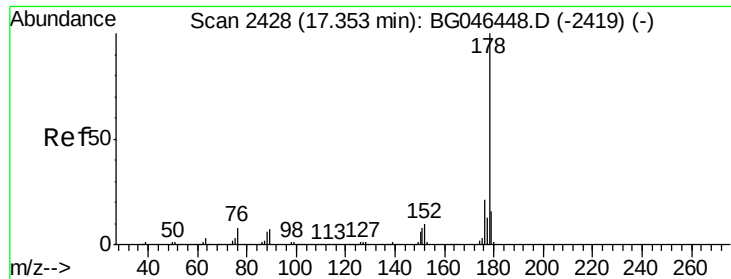
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#70
 Pentachlorophenol
 Concen: 81.041 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	51.1	76.7
264	62.6	50.2	75.2





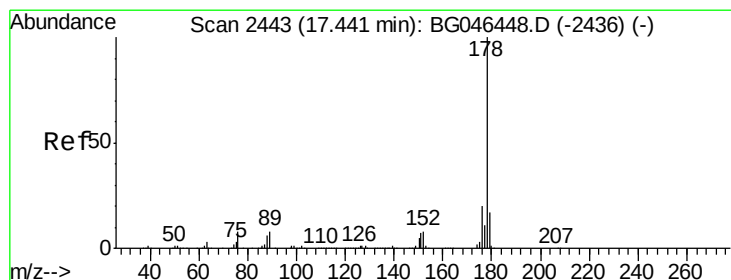
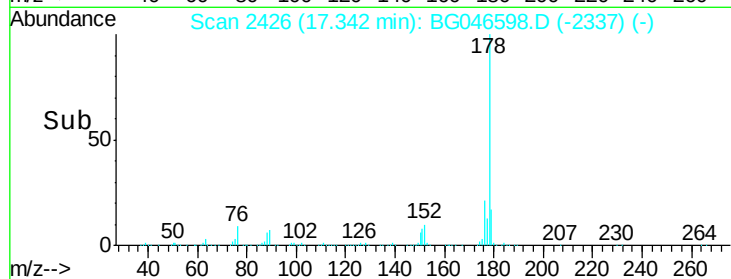
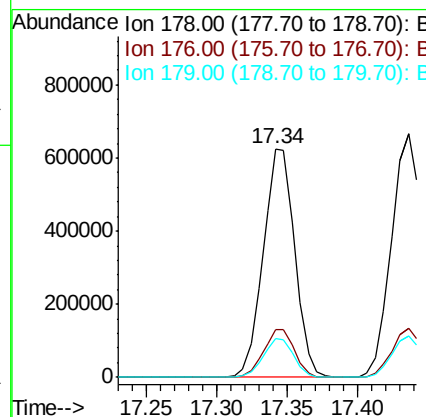
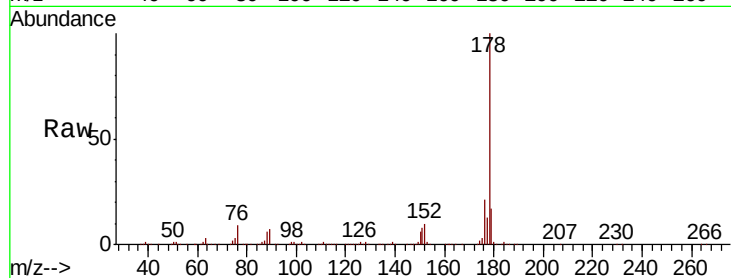
#71
Phenanthrene
Concen: 39.979 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.8	25.2
179	17.2	13.2	19.8

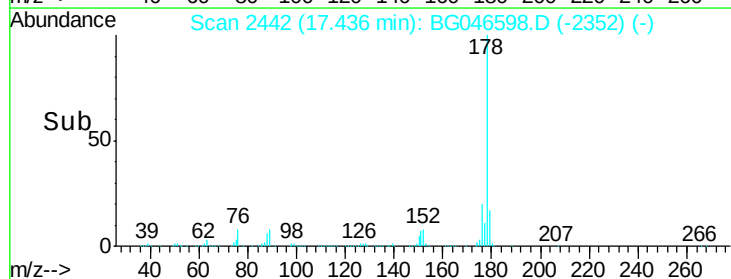
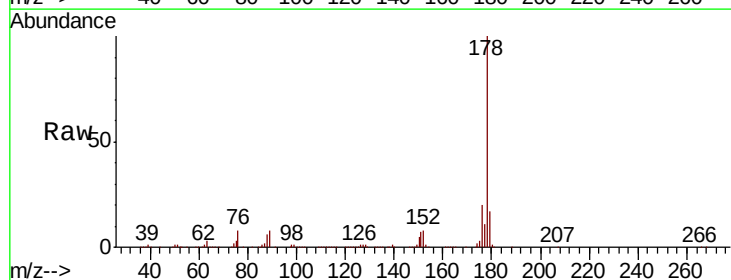
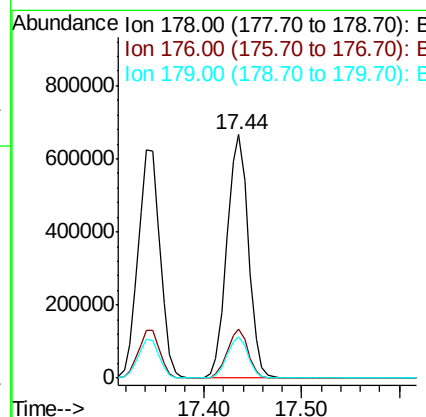
Manual Integrations
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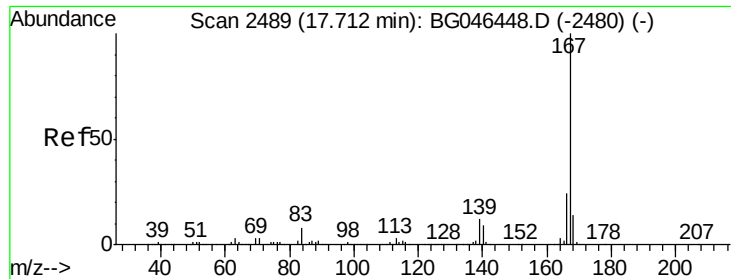
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#72
Anthracene
Concen: 41.884 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.1	24.1
179	16.9	13.3	19.9





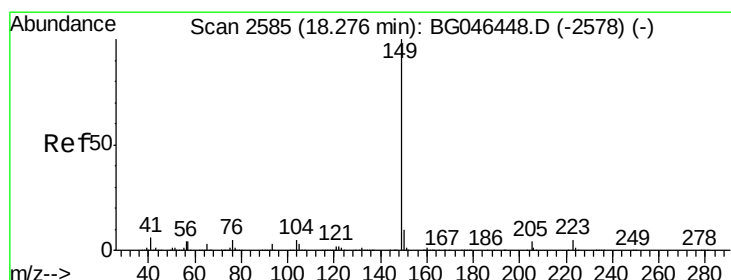
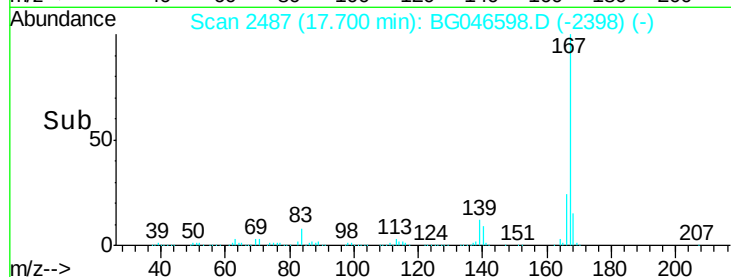
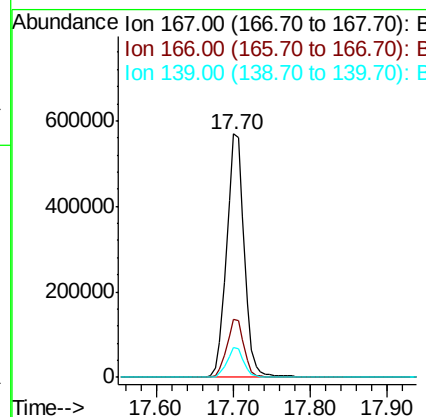
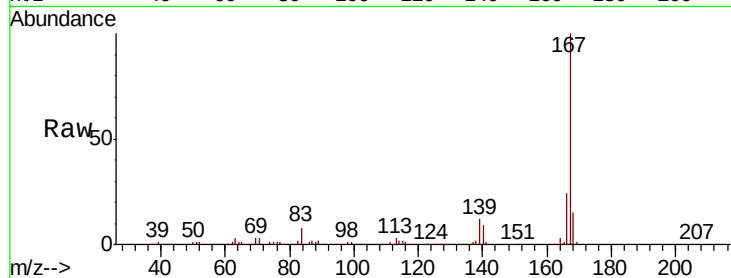
#73
 Carbazole
 Concen: 39.668 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.3	28.9
139	12.2	9.7	14.5

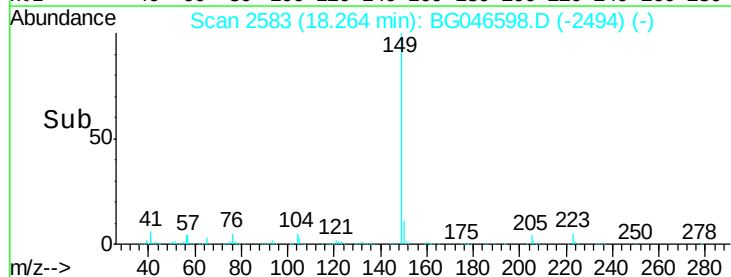
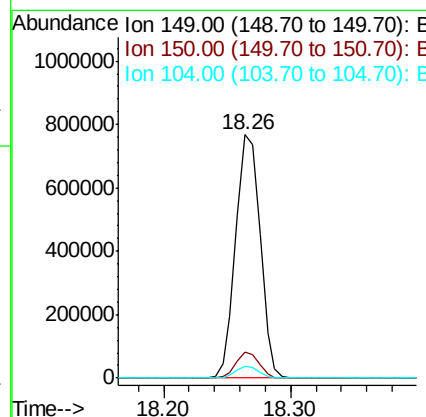
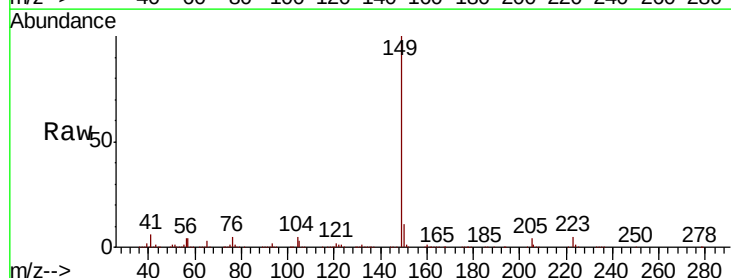
Manual Integrations
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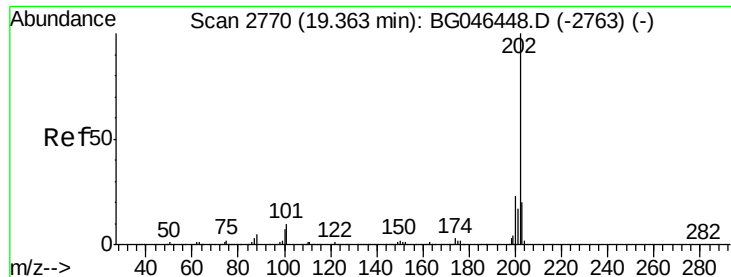
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.087 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BG046598.D
 Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.1	12.1
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 38.553 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

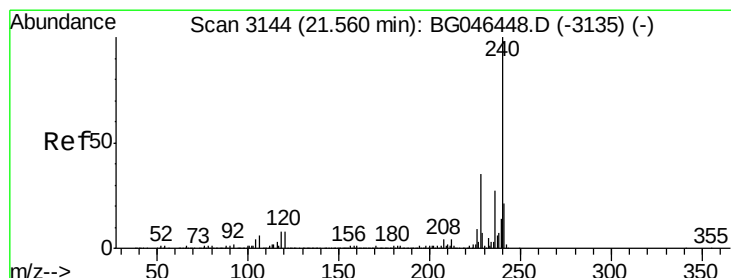
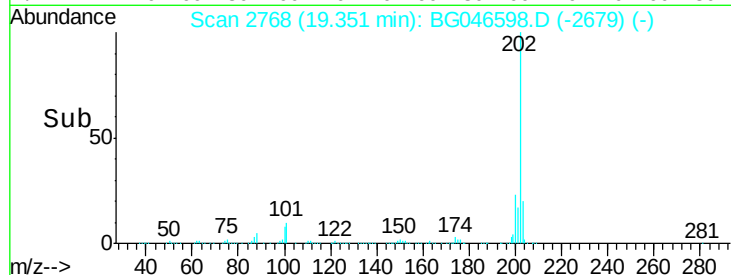
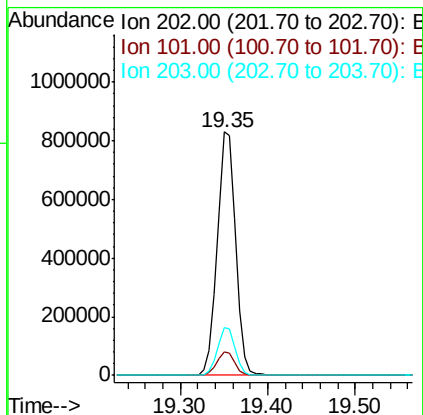
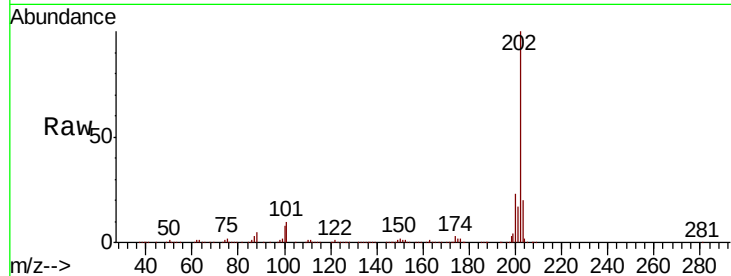
ClientSampleId :

PB131544BS

Tot Ion:	202	Resp:	1215967
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.9
203	19.8	0.0	40.0

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#76

Chrysene-d12

Concen: 20.000 ng

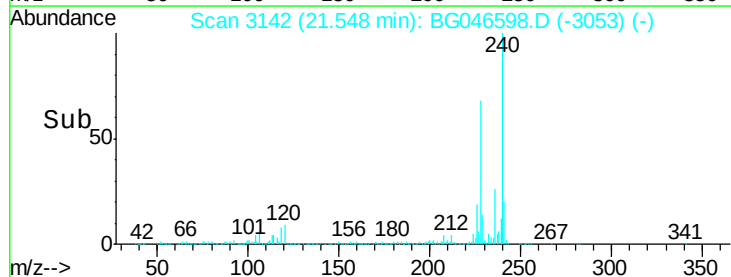
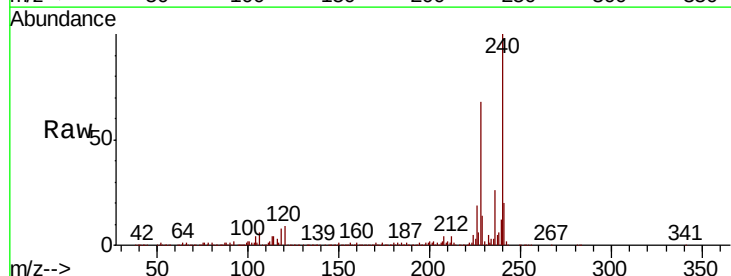
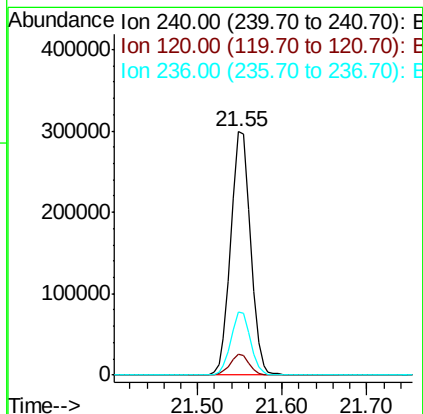
RT: 21.55 min Scan# 3142

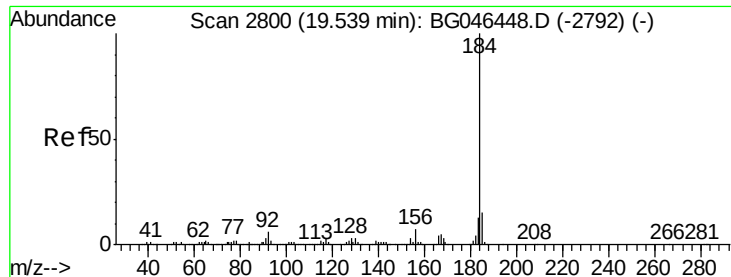
Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:	240	Resp:	480641
Ion Ratio	Lower	Upper	
240	100		
120	8.5	6.6	10.0
236	25.9	21.4	32.2





#77

Benzidine

Concen: 49.702 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

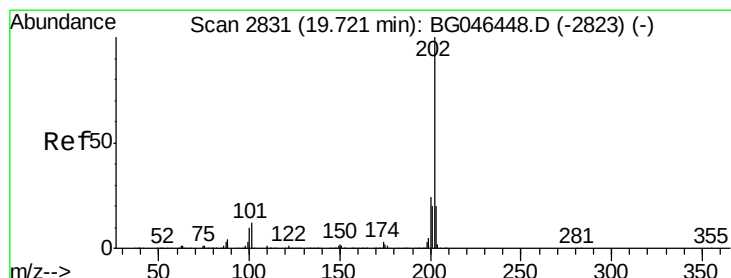
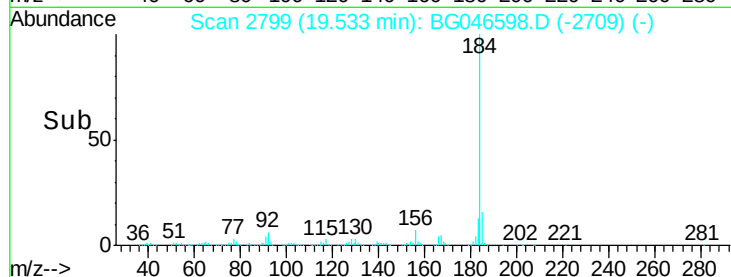
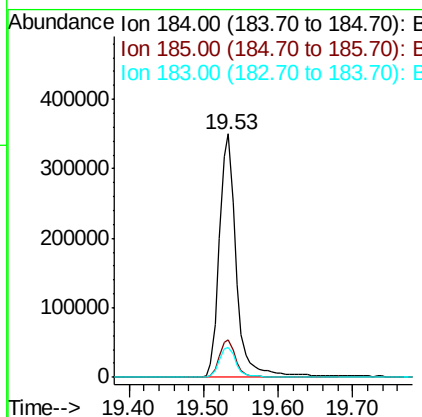
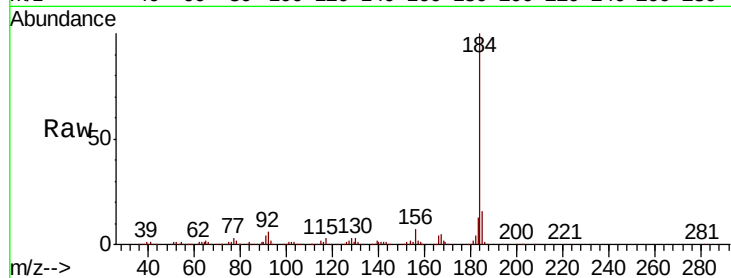
ClientSampleId :

PB131544BS

Tot Ion:	184	Resp:	555108
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.8	17.8
183	12.5	10.7	16.1

Manual Integrations
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#78

Pyrene

Concen: 39.652 ng

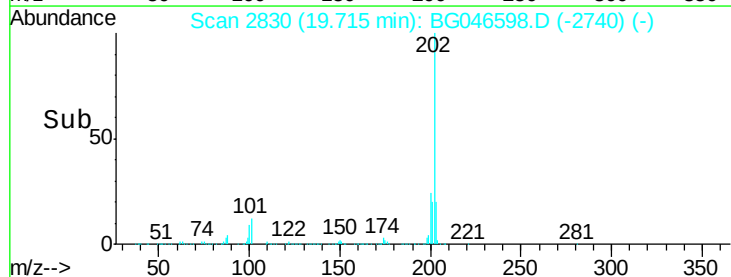
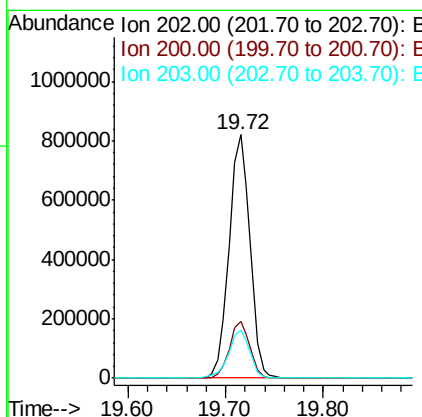
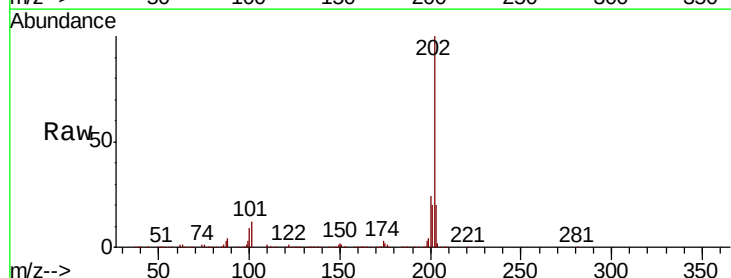
RT: 19.72 min Scan# 2830

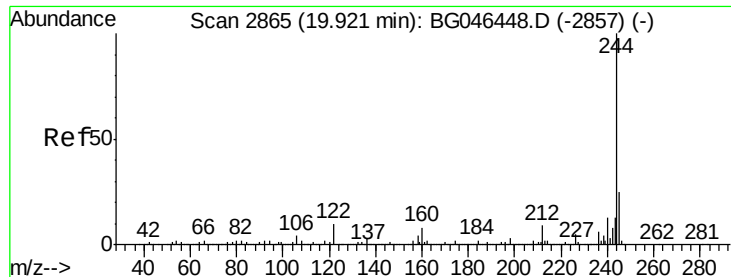
Delta R.T. 0.00 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Tgt Ion:	202	Resp:	1213606
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.9	28.3
203	19.6	16.1	24.1





#79

Terphenyl-d14

Concen: 66.447 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampled :

PB131544BS

Tot Ion:244 Resp: 1500682

Ion Ratio Lower Upper

244 100

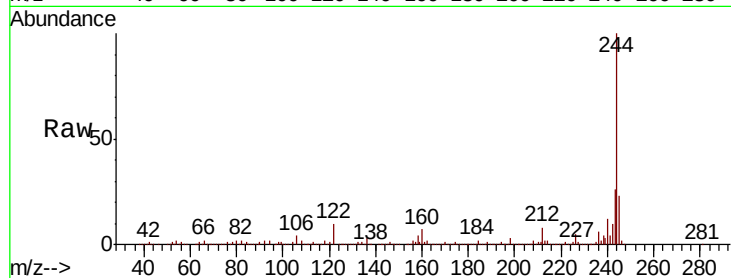
212 8.2 6.9 10.3

122 9.8 8.2 12.4

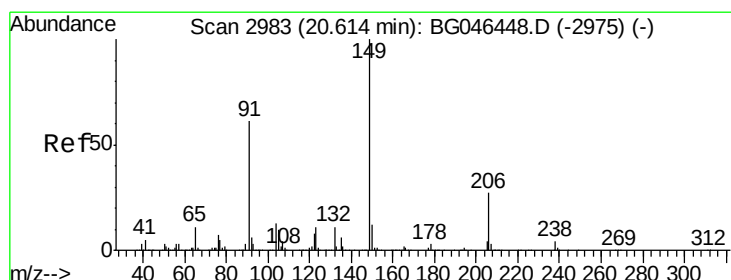
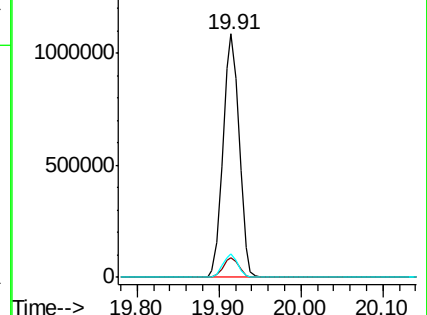
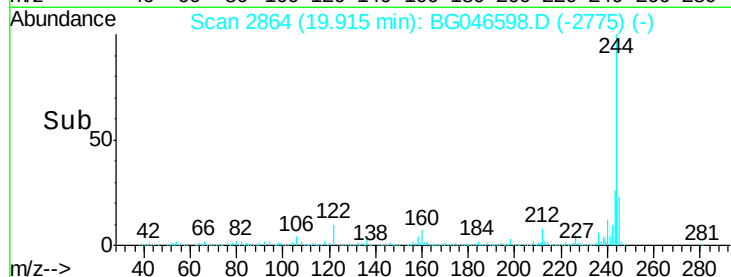
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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.262 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

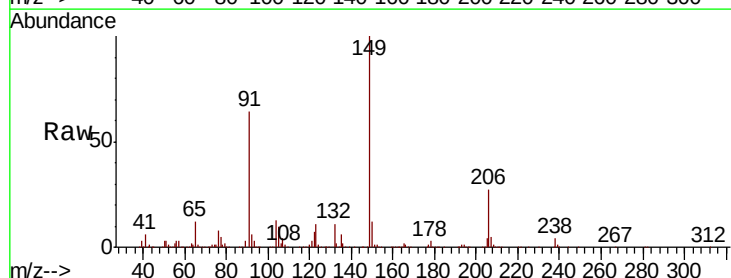
Tgt Ion:149 Resp: 468724

Ion Ratio Lower Upper

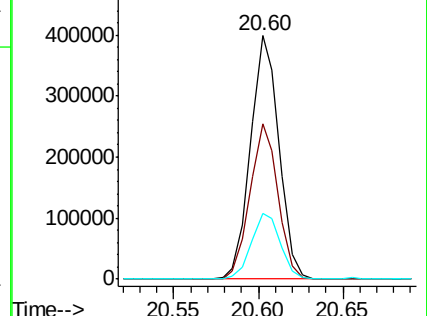
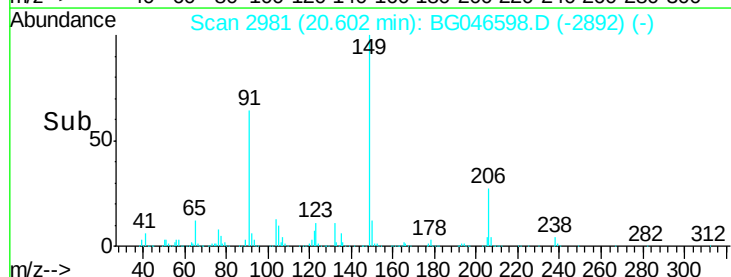
149 100

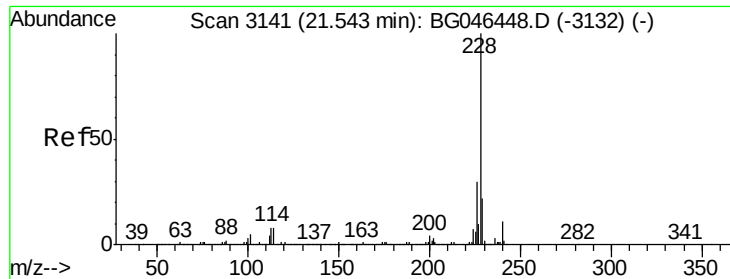
91 63.9 49.1 73.7

206 26.9 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: 39.575 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion:228 Resp: 1185594

Ion Ratio Lower Upper

228 100

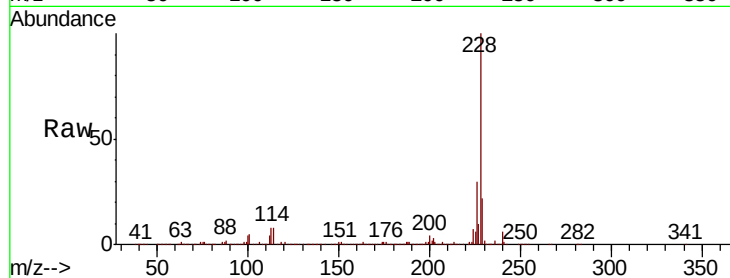
226 29.6 24.2 36.4

229 22.2 17.4 26.2

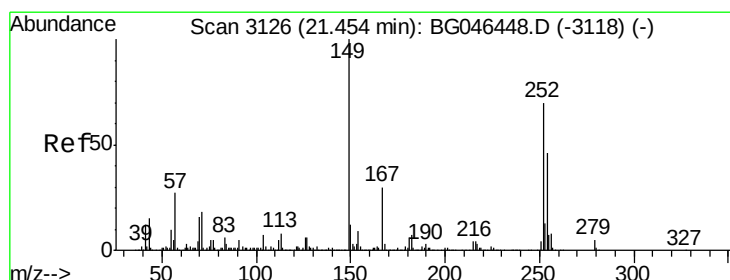
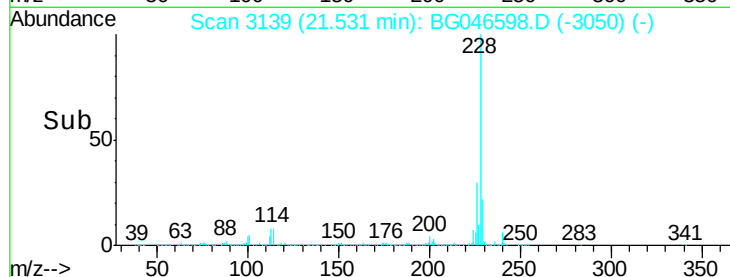
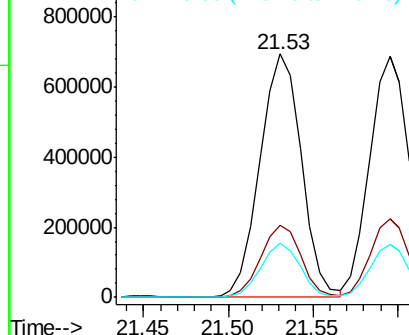
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.605 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

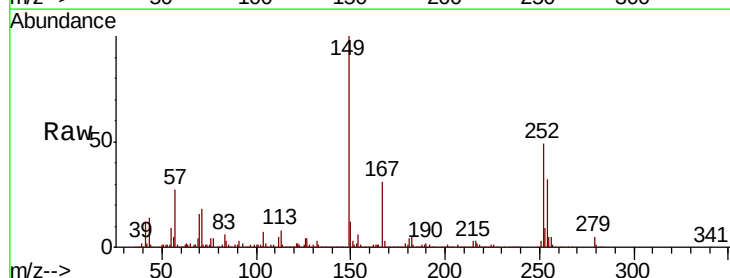
Tgt Ion:252 Resp: 384729

Ion Ratio Lower Upper

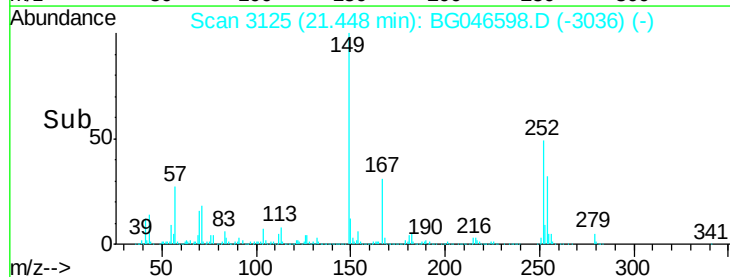
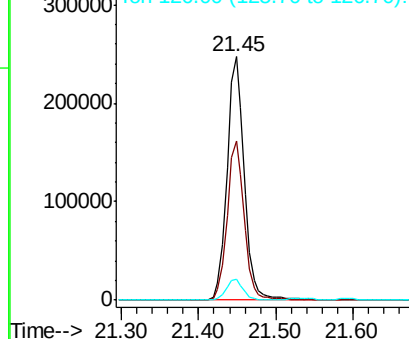
252 100

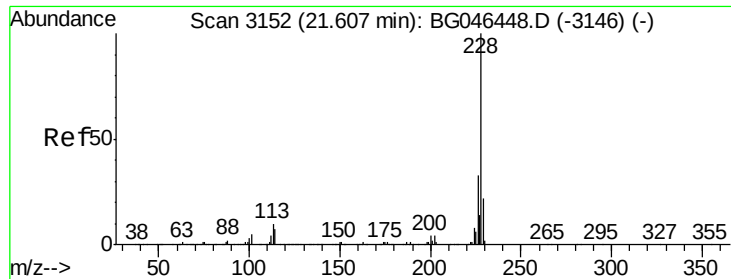
254 65.6 51.9 77.9

126 8.8 7.4 11.0



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





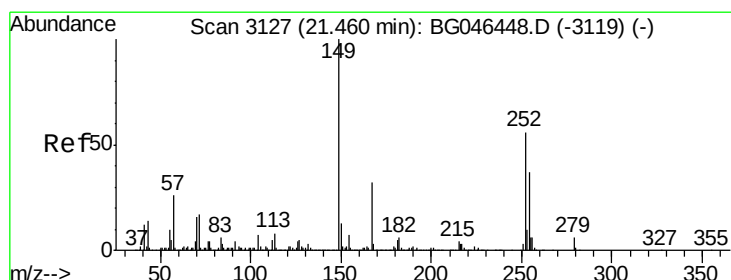
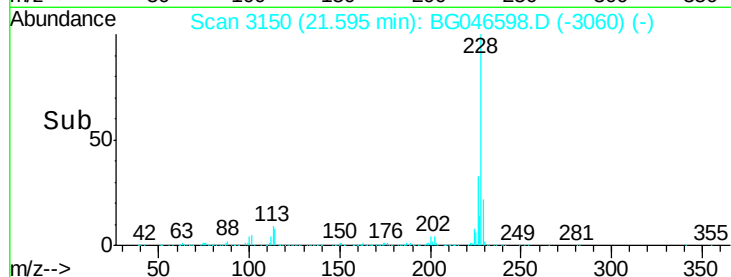
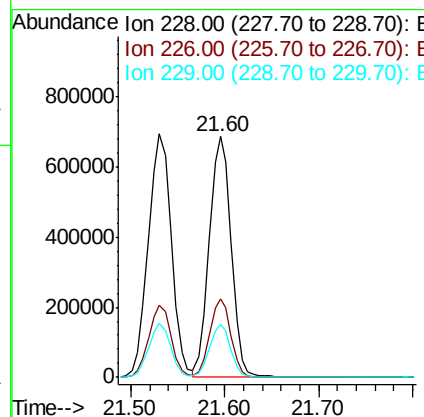
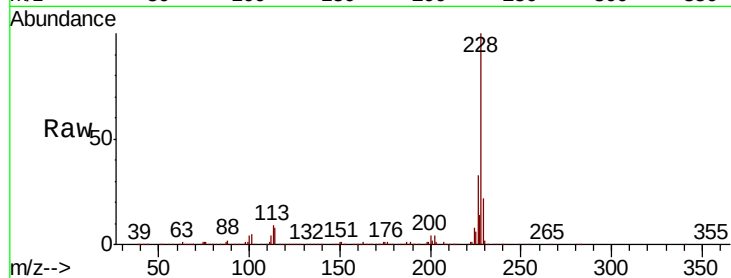
#83
Chrysene
Concen: 38.885 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	22.1	17.9	26.9

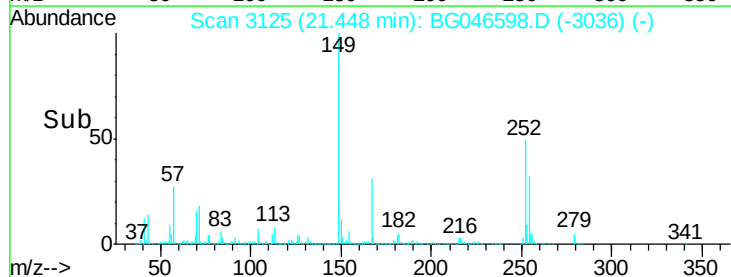
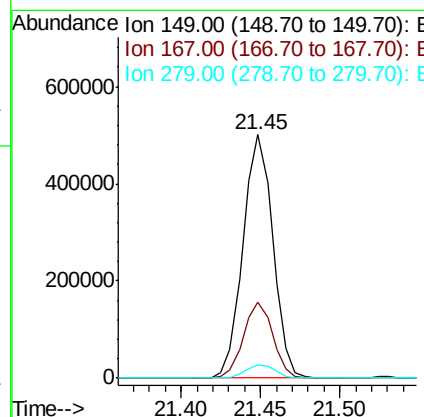
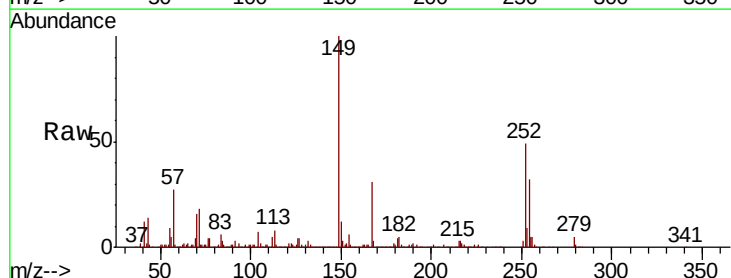
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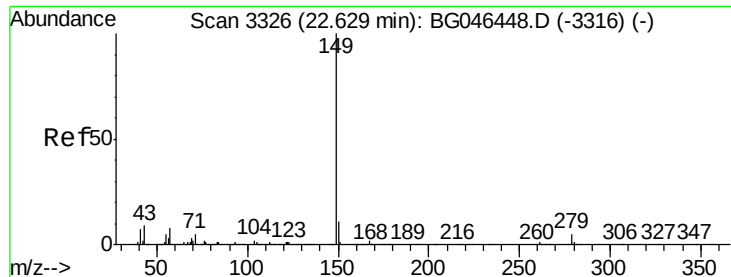
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.120 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	25.4	38.2
279	5.4	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 40.949 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion:149 Resp: 1142320

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

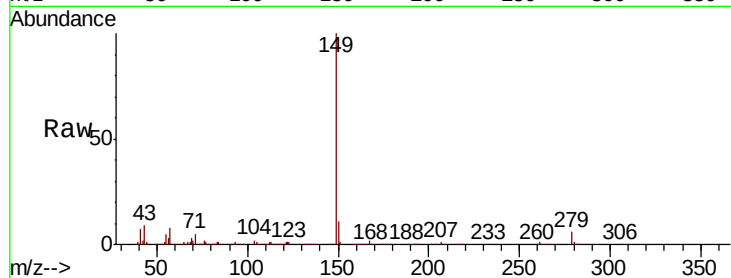
43 8.3 7.0 10.4

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.62

800000

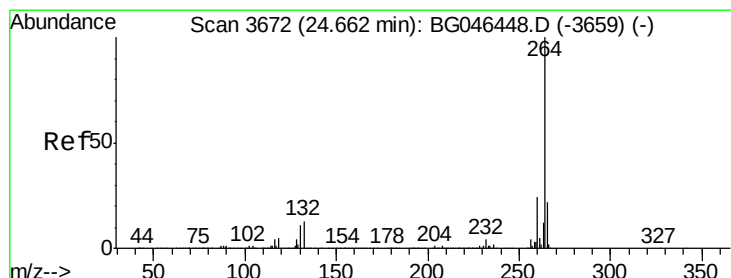
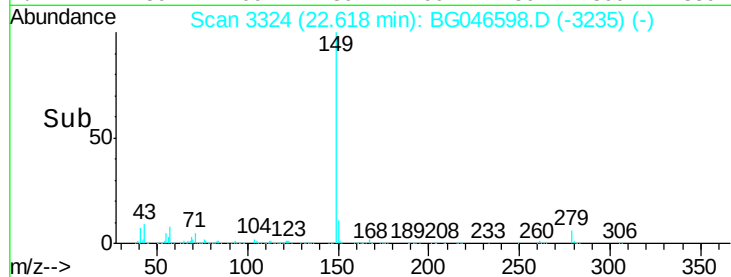
600000

400000

200000

0

Time--> 22.50 22.60 22.70



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

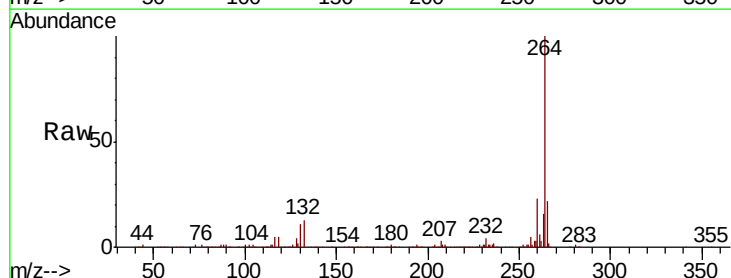
Tgt Ion:264 Resp: 478956

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.64

200000

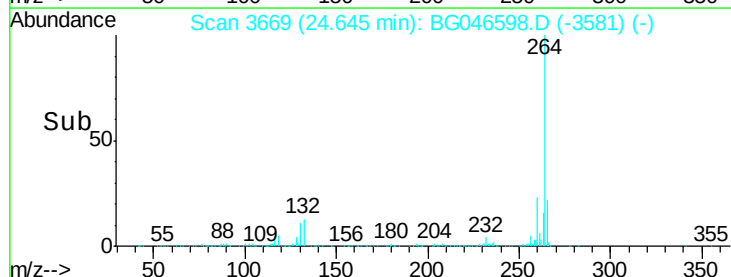
150000

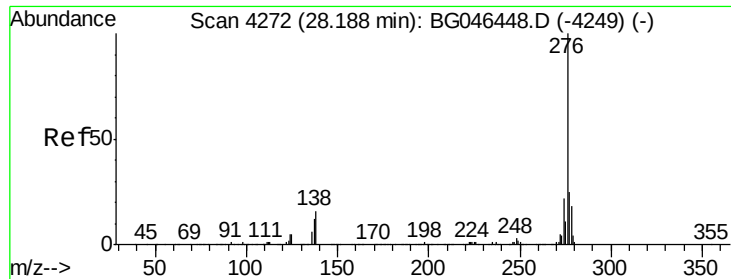
100000

50000

0

Time--> 24.60 24.80





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.421 ng

RT: 28.16 min Scan# 4268

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

Instrument :

BNA_G

ClientSampleId :

PB131544BS

Tot Ion:276 Resp: 1424876

Ion Ratio Lower Upper

276 100

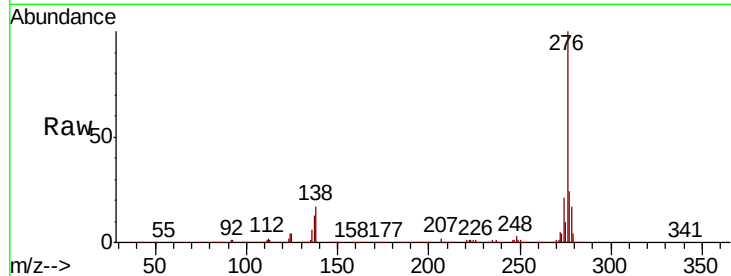
138 20.6 16.5 24.7

277 25.8 20.7 31.1

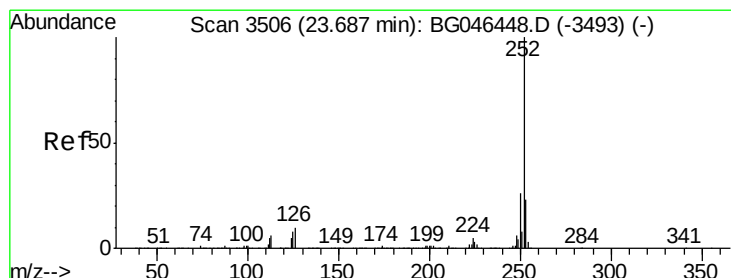
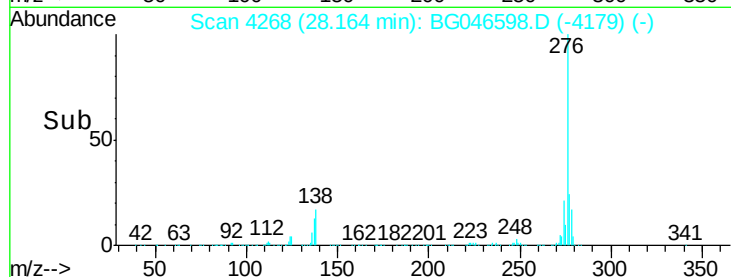
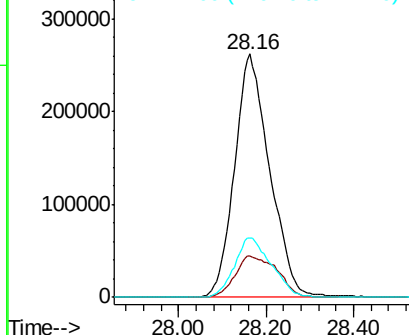
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 41.096 ng

RT: 23.67 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG046598.D

Acq: 11 Sep 2020 16:05

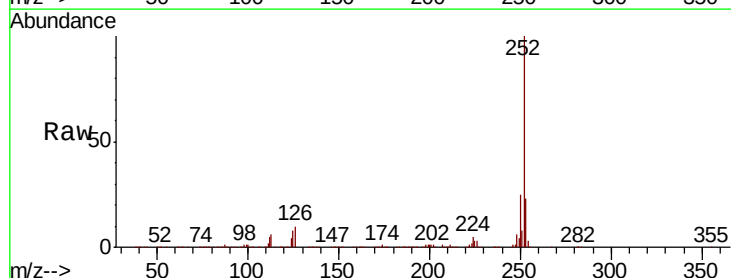
Tgt Ion:252 Resp: 1229036

Ion Ratio Lower Upper

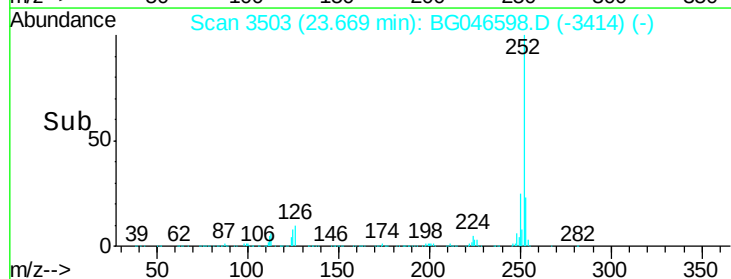
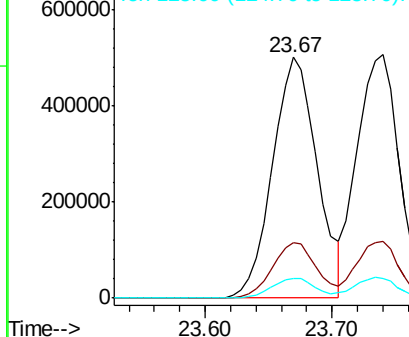
252 100

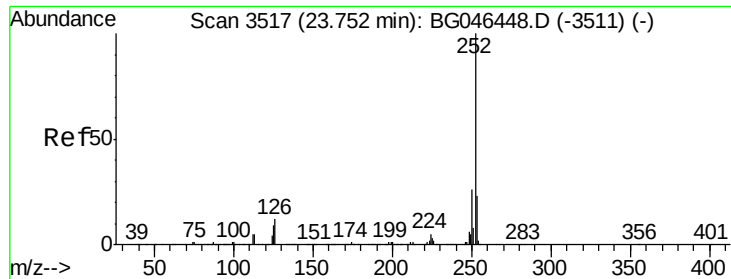
253 23.0 18.2 27.4

125 8.3 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





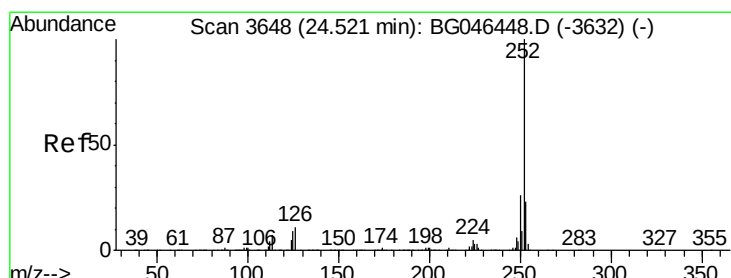
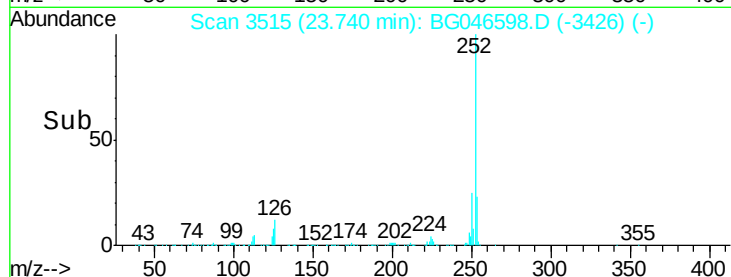
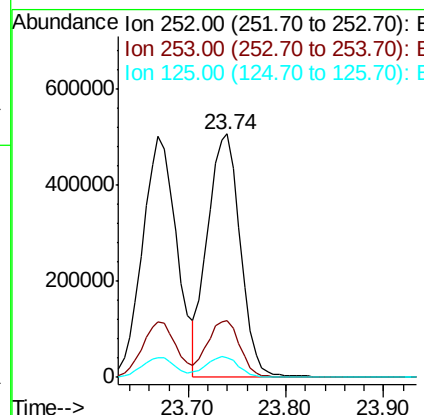
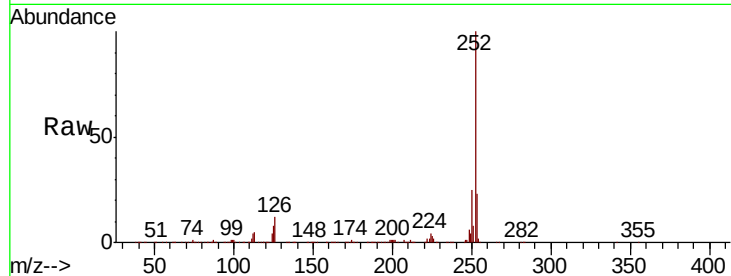
#89
Benzo(k)fluoranthene
Concen: 40.591 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	8.0	6.8	10.2

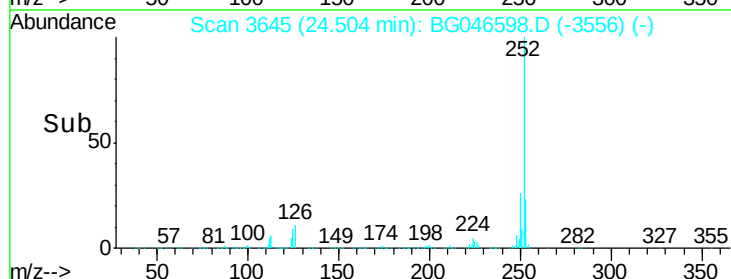
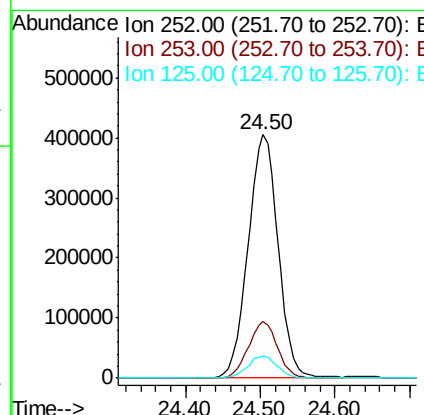
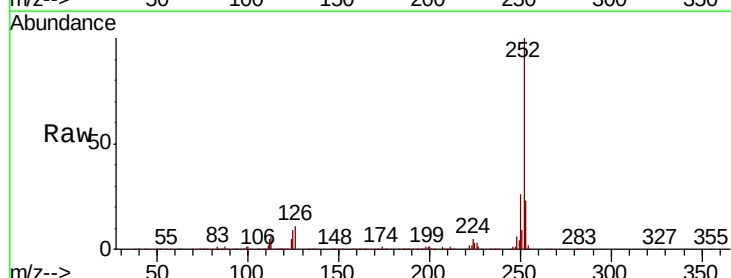
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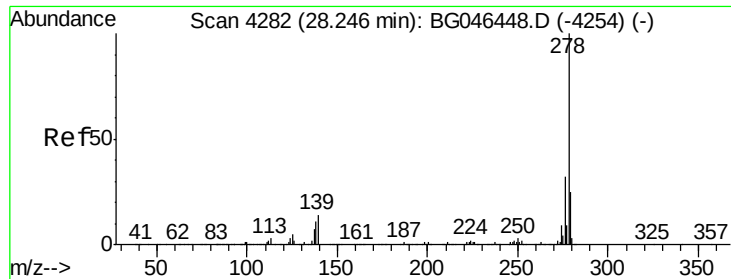
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#90
Benzo(a)pyrene
Concen: 40.456 ng
RT: 24.50 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	9.3	7.4	11.0





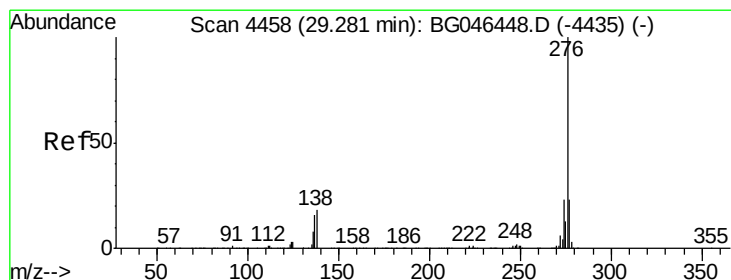
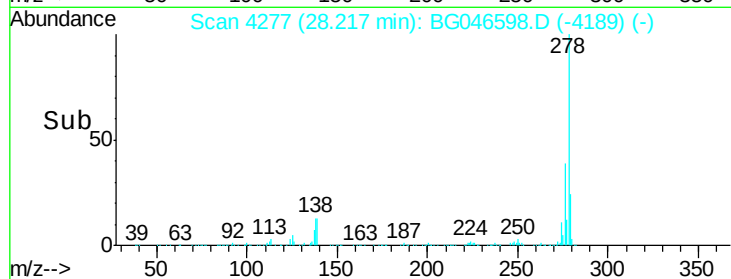
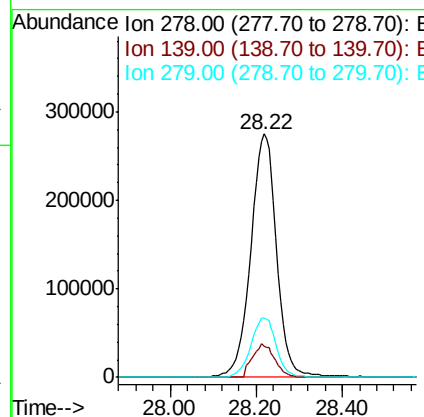
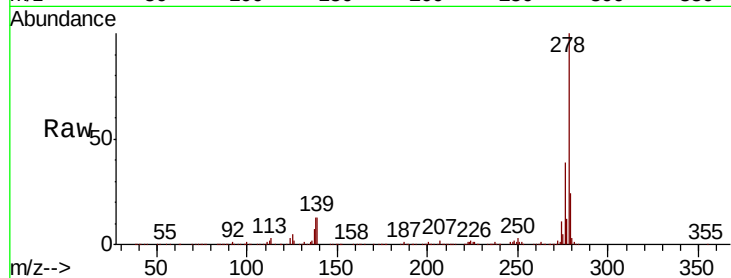
#91
Dibenzo(a,h)anthracene
Concen: 42.200 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
PB131544BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.2	16.8
279	24.4	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/14/2020 12:13:07 PM



#92
Benzo(g,h,i)perylene
Concen: 43.008 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046598.D
Acq: 11 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	17.7	14.7	22.1

