

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045203.D
 Acq On : 29 Apr 2020 13:40
 Operator : CG/JU
 Sample : PB128519BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Manual Integrations
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mohammad
 4/30/2020 1:37:41 PM

Quant Time: Apr 29 14:22:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58205	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	240595	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	180490	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	468012	20.00	ng	0.00
76) Chrysene-d12	21.65	240	449070	20.00	ng	0.00
87) Perylene-d12	24.81	264	485098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	319128	90.52	ng	0.00
7) Phenol-d6	7.16	99	460756	87.96	ng	0.00
23) Nitrobenzene-d5	9.15	82	414407	78.59	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	250312	89.77	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1011928	82.21	ng	0.00
79) Terphenyl-d14	20.00	244	1903893	92.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	54683	34.901	ng	# 94
3) Pyridine	3.84	79	154117	31.947	ng	98
4) n-Nitrosodimethylamine	3.75	42	61862	41.860	ng	94
6) Aniline	7.31	93	166061	24.383	ng	97
8) 2-Chlorophenol	7.56	128	175365	46.282	ng	96
9) Benzaldehyde	7.12	77	62777	16.550	ng	89
10) Phenol	7.18	94	241938	46.157	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	164751	39.477	ng	97
12) 1,3-Dichlorobenzene	7.88	146	183683	41.140	ng	97
13) 1,4-Dichlorobenzene	8.02	146	184129	41.387	ng	99
14) 1,2-Dichlorobenzene	8.35	146	175428	41.216	ng	94
15) Benzyl Alcohol	8.23	79	172163	39.202	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	149950	36.603	ng	98
17) 2-Methylphenol	8.44	107	159680	39.484	ng	97
18) Hexachloroethane	9.08	117	71528	42.767	ng	99
19) n-Nitroso-di-n-propylamine	8.79	70	146454	39.535	ng	99
20) 3+4-Methylphenols	8.76	107	224578	39.673	ng	97
22) Acetophenone	8.81	105	262013	40.271	ng	96
24) Nitrobenzene	9.19	77	217592	40.258	ng	99
25) Isophorone	9.71	82	411338	38.094	ng	99
26) 2-Nitrophenol	9.90	139	102331	43.954	ng	94
27) 2,4-Dimethylphenol	9.97	122	166444	45.057	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	230202	40.575	ng	98
29) 2,4-Dichlorophenol	10.45	162	192986	45.243	ng	95
30) 1,2,4-Trichlorobenzene	10.66	180	203497	42.137	ng	95
31) Naphthalene	10.85	128	546655	41.534	ng	99
32) Benzoic acid	10.12	122	115699	39.996	ng	93
33) 4-Chloroaniline	10.95	127	92125	15.009	ng	97
34) Hexachlorobutadiene	11.14	225	136789	41.311	ng	98
35) Caprolactam	11.72	113	68337m	40.254	ng	
36) 4-Chloro-3-methylphenol	12.08	107	224367	44.776	ng	99
37) 2-Methylnaphthalene	12.46	142	426005	41.700	ng	93
38) 1-Methylnaphthalene	12.68	142	411465	42.664	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	235458	40.517	ng	99

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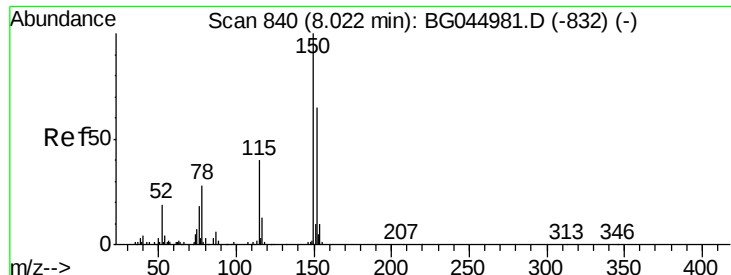
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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 QLast Update : Wed Apr 29 12:24:27 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	317718	87.474	nq	96
43) 2,4,6-Trichlorophenol	13.06	196	180107	43.914	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	199133	42.655	nq	97
46) 1,1'-Biphenyl	13.46	154	556636	40.576	nq	98
47) 2-Chloronaphthalene	13.50	162	428512	40.879	nq	98
48) 2-Nitroaniline	13.70	65	145977	42.326	nq	97
49) Acenaphthylene	14.36	152	729783	42.742	nq	99
50) Dimethylphthalate	14.09	163	617969	42.049	nq	100
51) 2,6-Dinitrotoluene	14.20	165	144427	43.937	nq	97
52) Acenaphthene	14.70	154	560292m	48.500	nq	
53) 3-Nitroaniline	14.53	138	85736	23.781	nq	98
54) 2,4-Dinitrophenol	14.74	184	187045	95.693	nq	97
55) Dibenzofuran	15.03	168	724242	43.001	nq	96
56) 4-Nitrophenol	14.85	139	246270	88.100	nq	96
57) 2,4-Dinitrotoluene	14.99	165	206406	42.967	nq	96
58) Fluorene	15.68	166	618063	44.927	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	196450	47.293	nq	98
60) Diethylphthalate	15.45	149	658929	43.004	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	332781	42.026	nq	99
62) 4-Nitroaniline	15.70	138	143077	38.263	nq	98
63) Azobenzene	15.97	77	619829	43.876	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	138632	45.065	nq	93
66) n-Nitrosodiphenylamine	15.89	169	555613	41.319	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	239814	39.719	nq	99
68) Hexachlorobenzene	16.69	284	262575	41.932	nq	97
69) Atrazine	16.83	200	233792	47.985	nq	98
70) Pentachlorophenol	17.03	266	329231	85.706	nq	98
71) Phenanthrene	17.42	178	1028739	42.775	nq	100
72) Anthracene	17.51	178	1059722	43.927	nq	99
73) Carbazole	17.78	167	975736	39.856	nq	99
74) Di-n-butylphthalate	18.34	149	1187064	44.472	nq	100
75) Fluoranthene	19.43	202	1308878	46.510	nq	98
77) Benzidine	19.61	184	461894	34.064	nq	97
78) Pyrene	19.79	202	1287037	41.572	nq	100
80) Butylbenzylphthalate	20.68	149	530394	41.331	nq	97
81) Benzo(a)anthracene	21.62	228	1225771	42.114	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	345758	29.846	nq	99
83) Chrysene	21.69	228	1203832	43.047	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	747912	42.375	nq	99
85) Di-n-octyl phthalate	22.74	149	1280309	41.949	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1580117	42.557	nq	99
88) Benzo(b)fluoranthene	23.81	252	1357292	44.668	nq	98
89) Benzo(k)fluoranthene	23.88	252	1303911	45.122	nq	98
90) Benzo(a)pyrene	24.67	252	1239741	43.212	nq	98
91) Dibenzo(a,h)anthracene	28.49	278	1290086	44.626	nq	97
92) Benzo(g,h,i)perylene	29.55	276	1276891	44.057	nq	99

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



#1

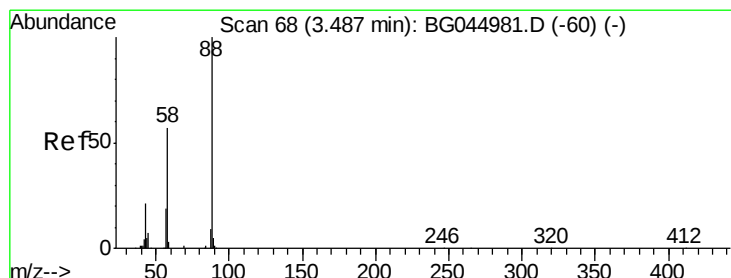
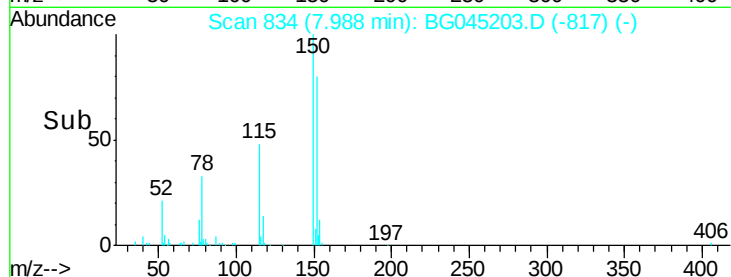
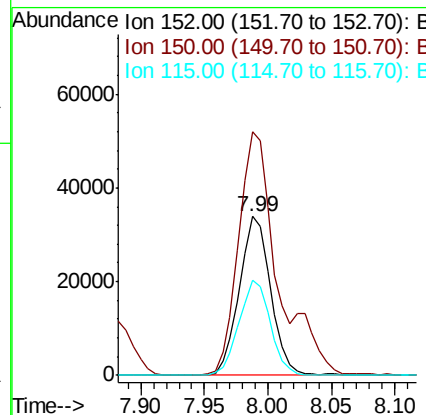
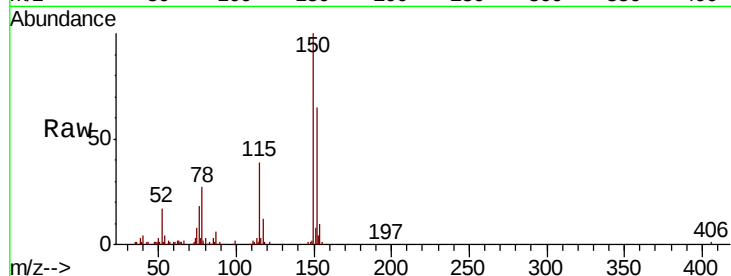
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.6	185.4
115	60.0	49.1	73.7

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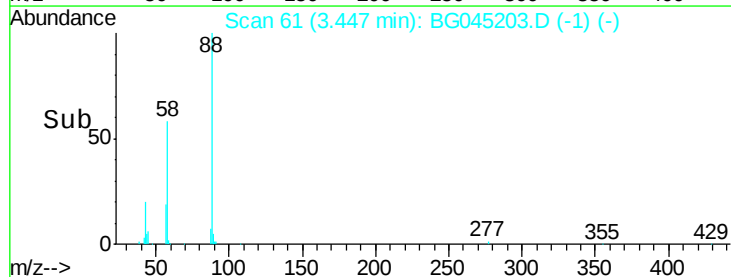
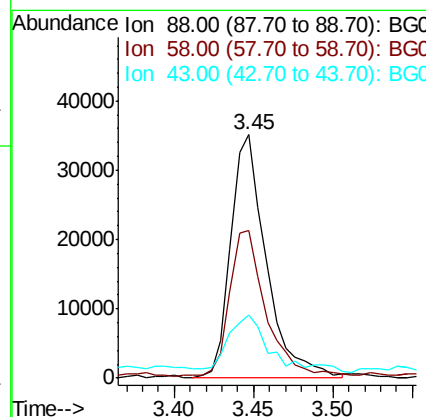
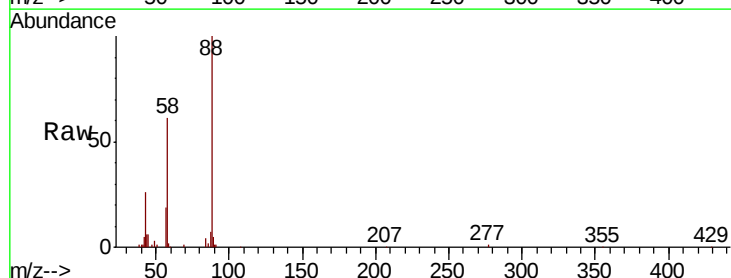
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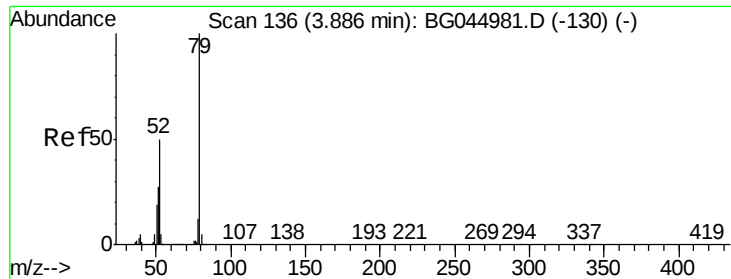


#2

1,4-Dioxane
 Concen: 34.901 ng
 RT: 3.45 min Scan# 61
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.3	46.6	69.8
43	27.6	17.5	26.3





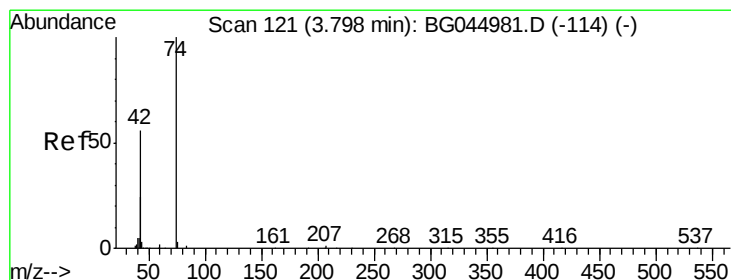
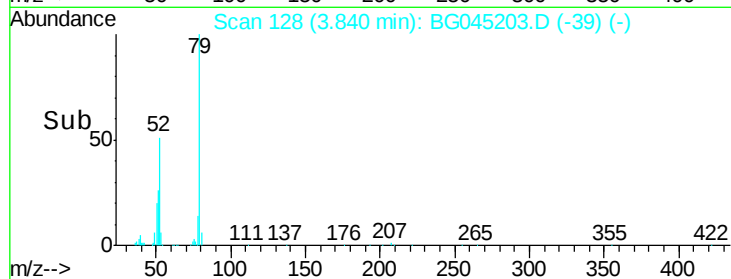
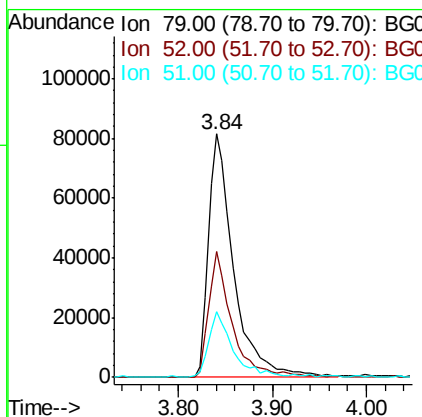
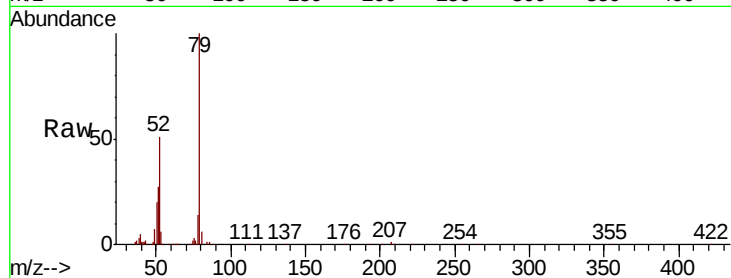
#3
 Pvridine
 Concen: 31.947 ng
 RT: 3.84 min Scan# 128
 Delta R.T. -0.01 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	51.5	39.8	59.6	
51	51	27.2	21.4	32.2	

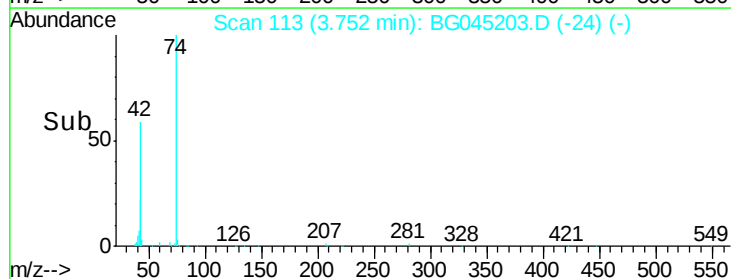
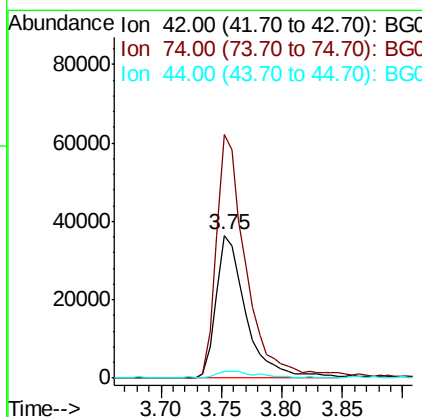
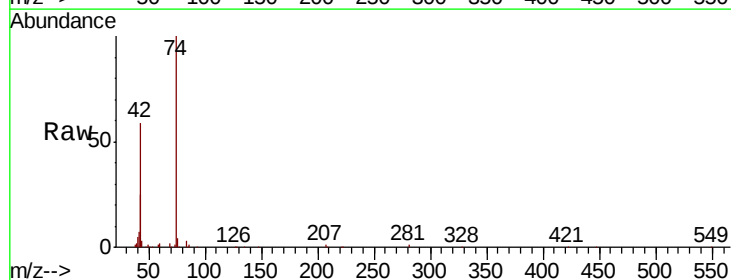
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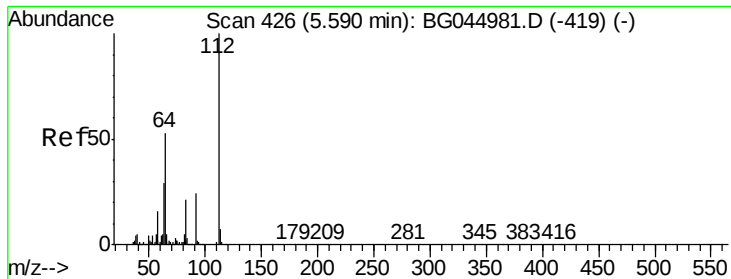
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#4
 n-Nitrosodimethylamine
 Concen: 41.860 ng
 RT: 3.75 min Scan# 113
 Delta R.T. -0.01 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	170.7	143.0	214.6	
44	44	4.8	4.6	6.8	





#5

2-Fluorophenol

Concen: 90.519 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

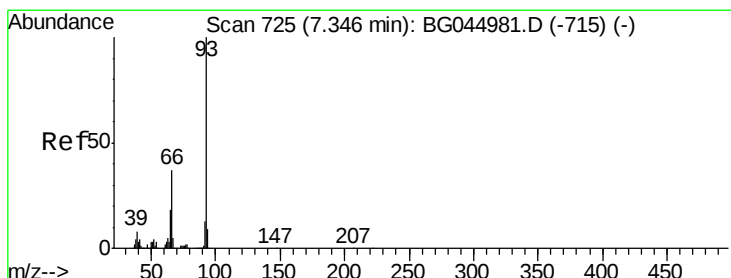
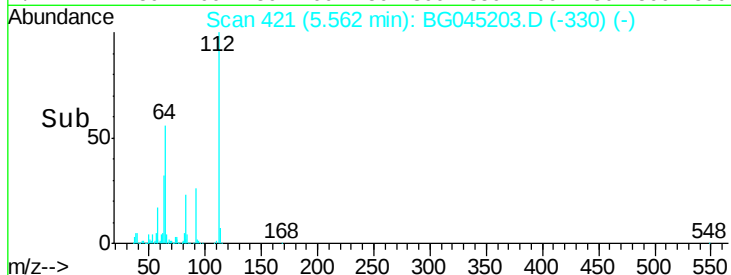
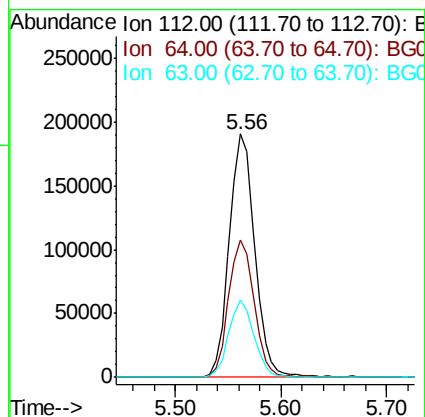
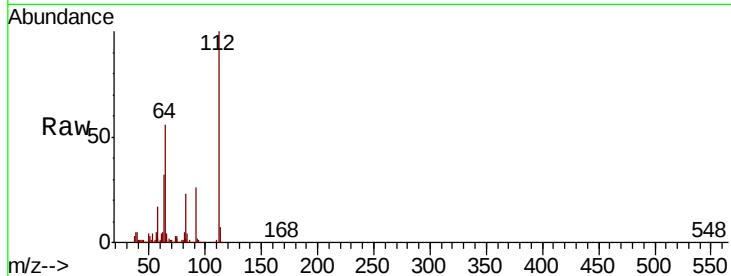
ClientSampleId :

PB128519BSD

Tot Ion:	112	Resp:	319128
Ion Ratio	Lower	Upper	
112	100		
64	56.3	42.4	63.6
63	31.7	23.1	34.7

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#6

Aniline

Concen: 24.383 ng

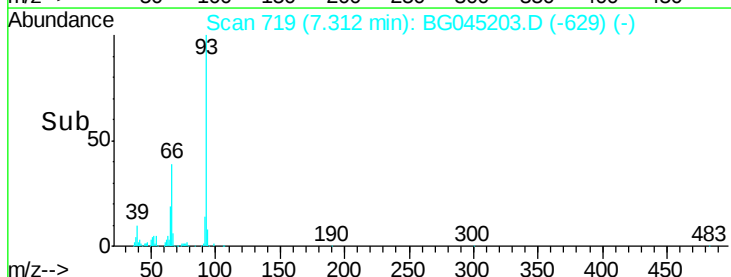
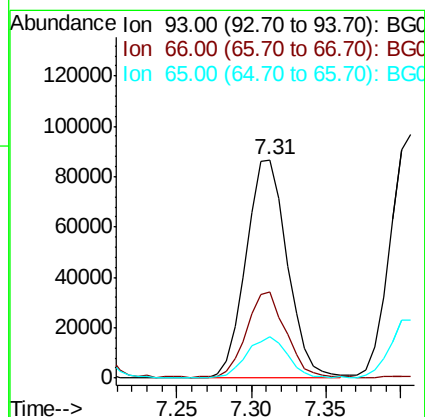
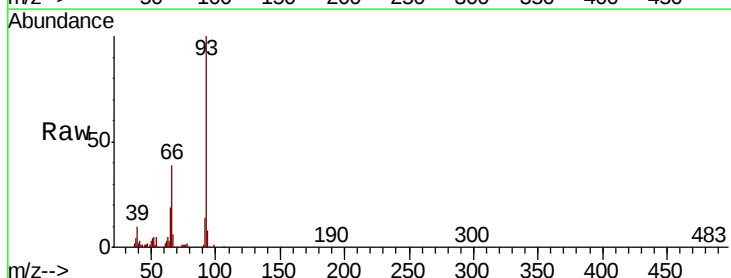
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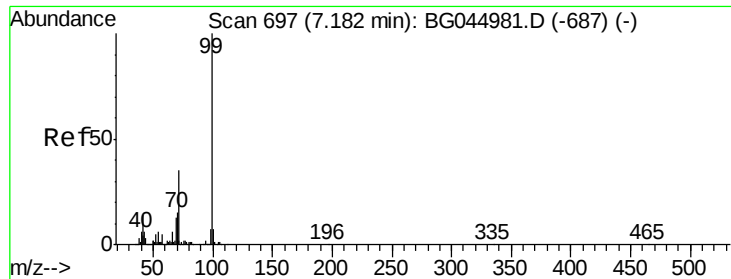
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	93	Resp:	166061
Ion Ratio	Lower	Upper	
93	100		
66	39.4	29.8	44.8
65	19.1	14.6	22.0





#7

Phenol-d6

Concen: 87.963 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

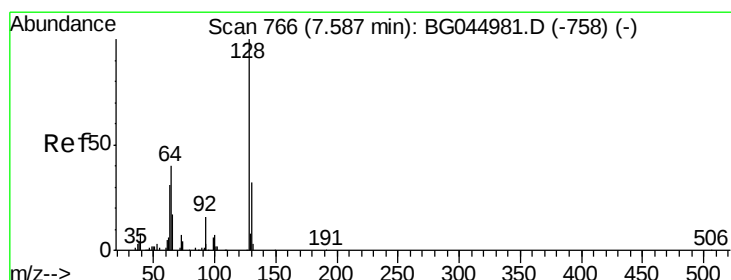
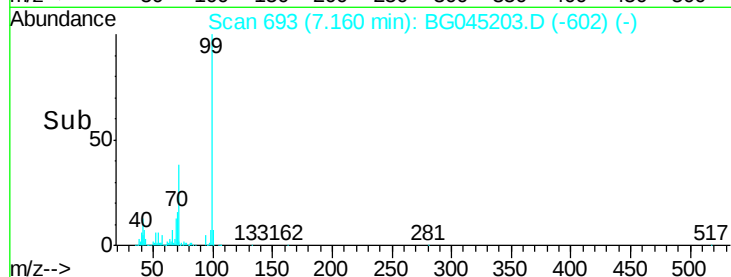
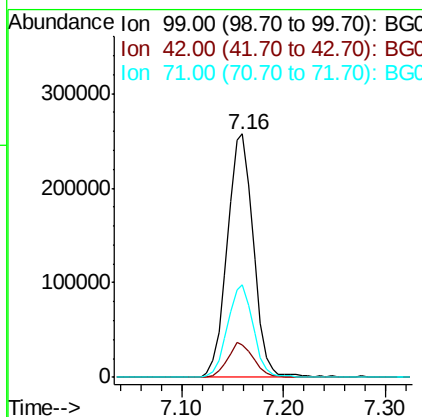
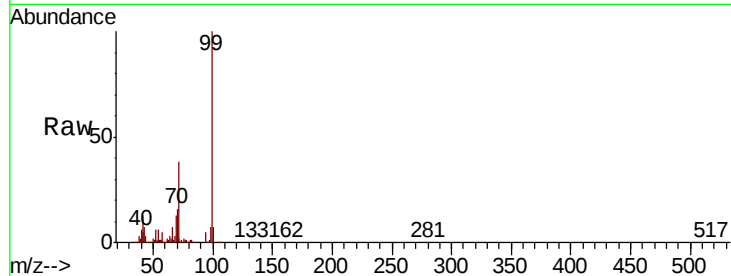
ClientSampleId :

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Tot Ion:	99	Resp:	460756
Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.3	16.9
71	38.0	28.3	42.5

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#8

2-Chlorophenol

Concen: 46.282 ng

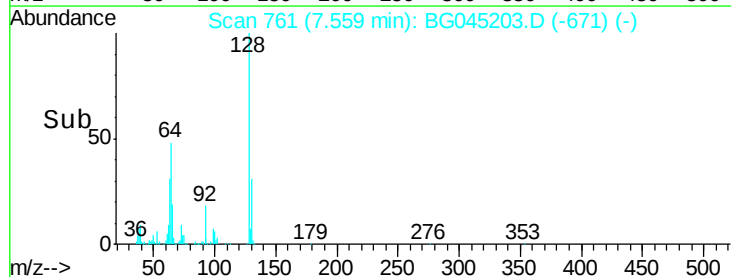
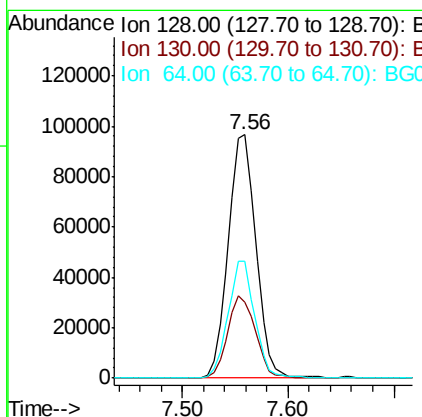
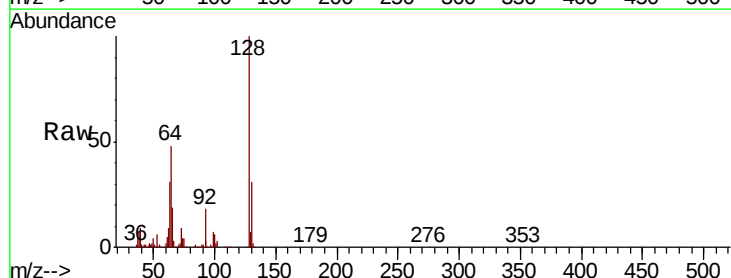
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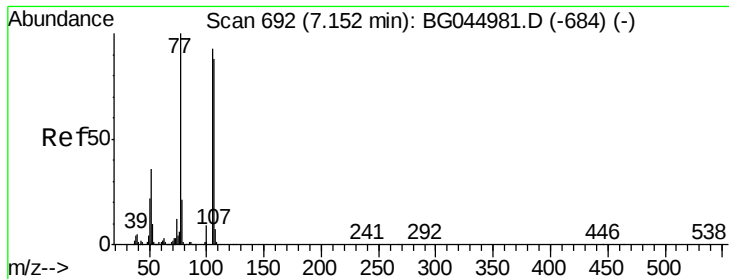
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	128	Resp:	175365
Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.3	52.3
64	47.8	24.4	64.4





#9

Benzaldehyde

Concen: 16.550 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

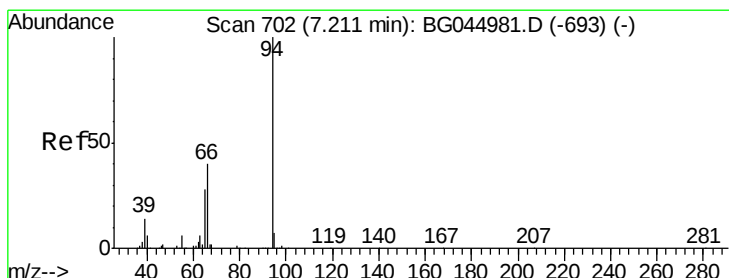
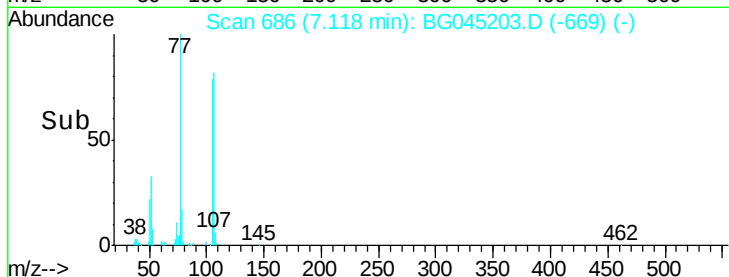
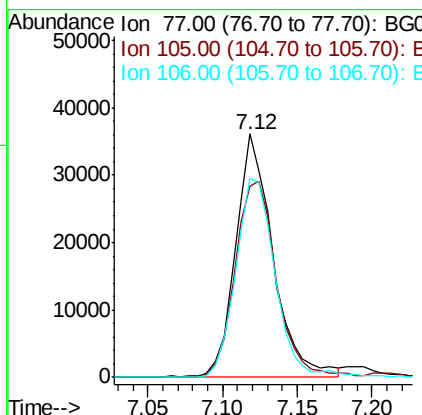
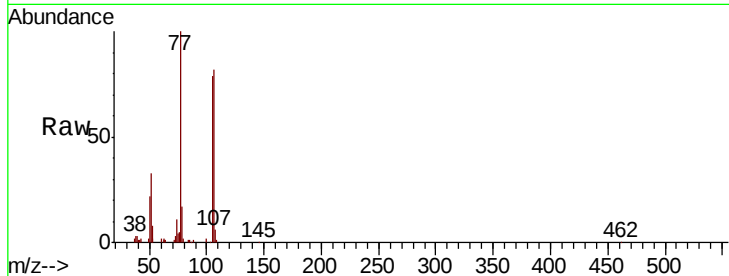
ClientSampleId :

PB128519BSD

Tot Ion:	77	Resp:	62777
Ion	Ratio	Lower	Upper
77	100		
105	78.6	72.9	112.9
106	81.5	67.6	107.6

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#10

Phenol

Concen: 46.157 ng

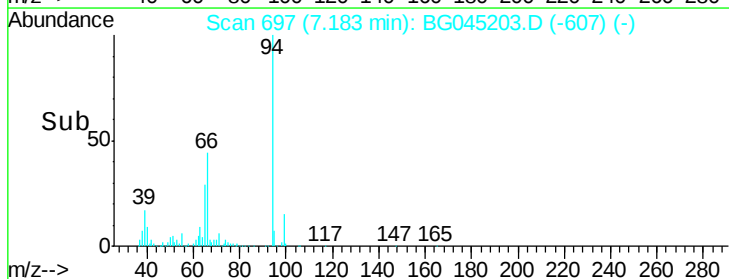
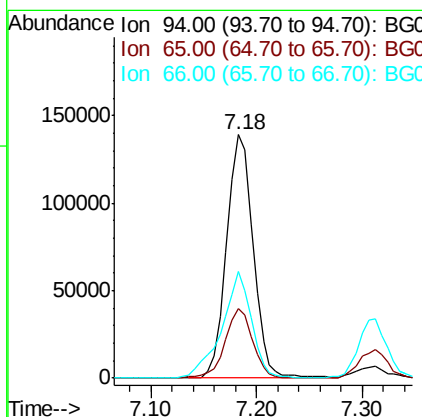
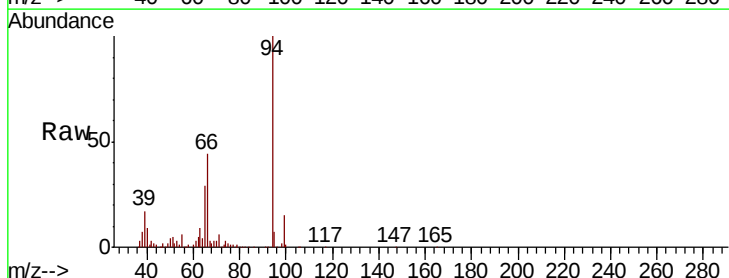
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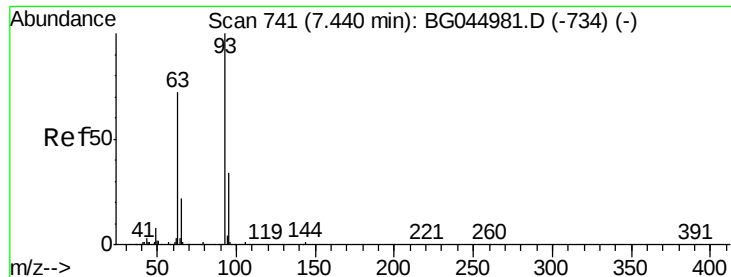
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	94	Resp:	241938
Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.2	48.2
66	43.6	20.4	60.4





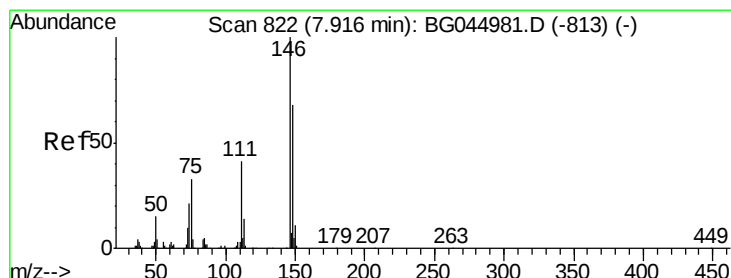
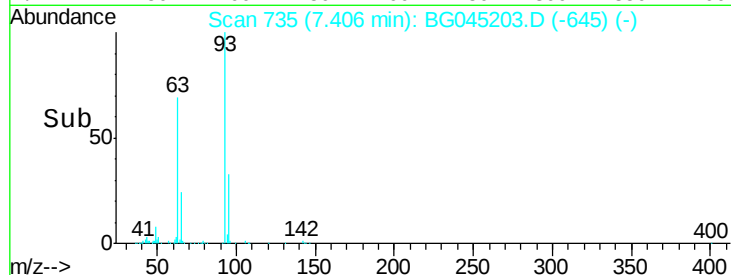
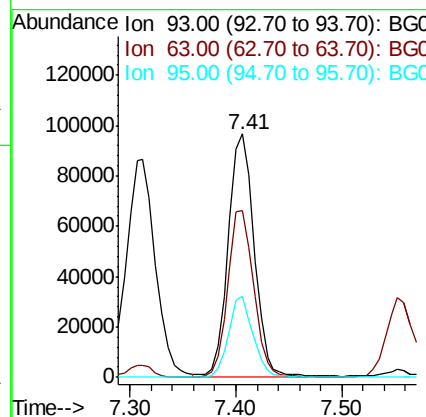
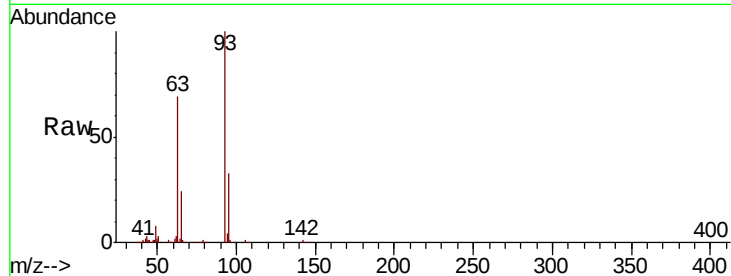
#11
bis(2-Chloroethyl)ether
Concen: 39.477 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	164751		
63	68.6		51.8	91.8
95	33.5		13.8	53.8

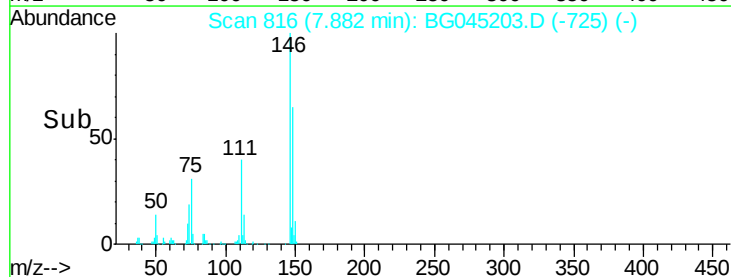
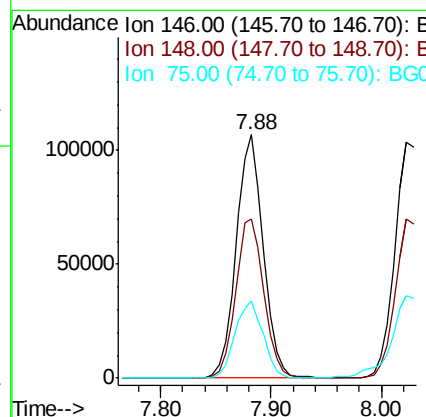
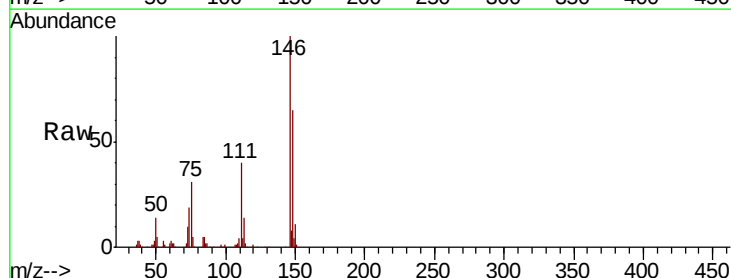
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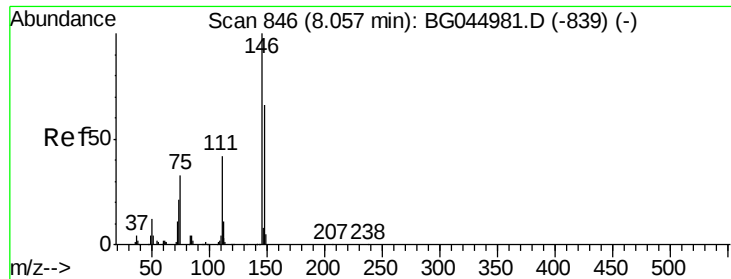
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.140 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183683		
148	65.1		54.6	81.8
75	31.5		26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 41.387 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

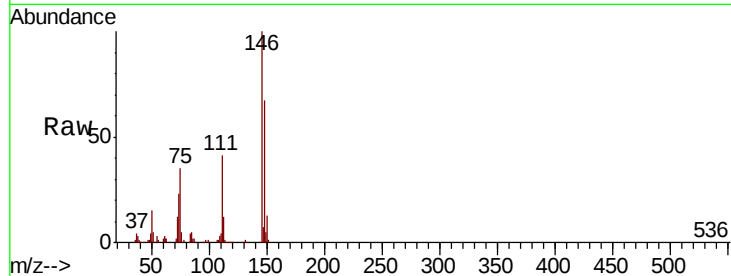
ClientSampled :

PB128519BSD

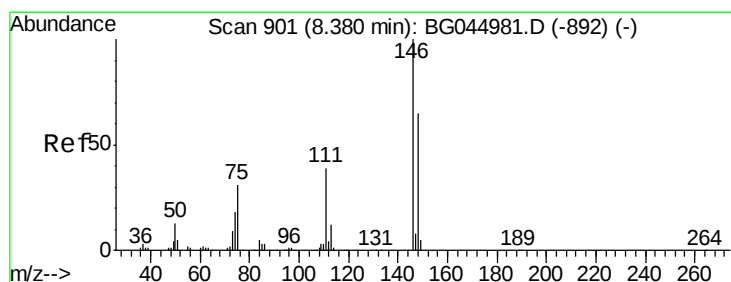
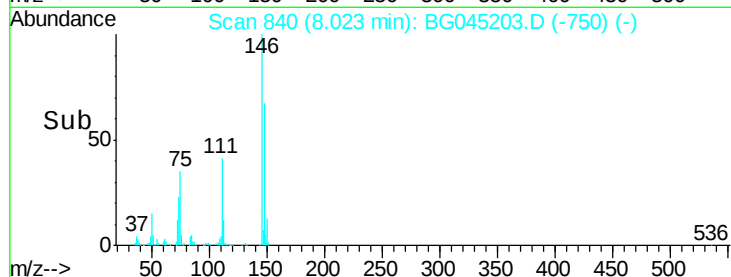
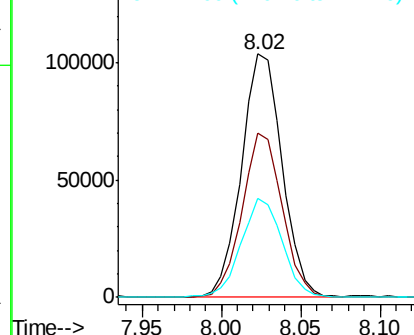
Tot Ion:	146	Resp:	184129
Ion Ratio	Lower	Upper	
146	100		
148	67.2	53.3	79.9
111	40.7	33.8	50.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.216 ng

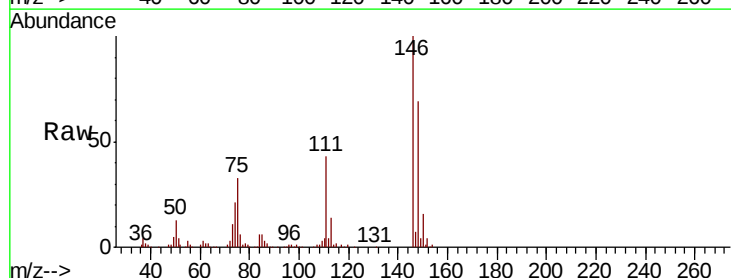
RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

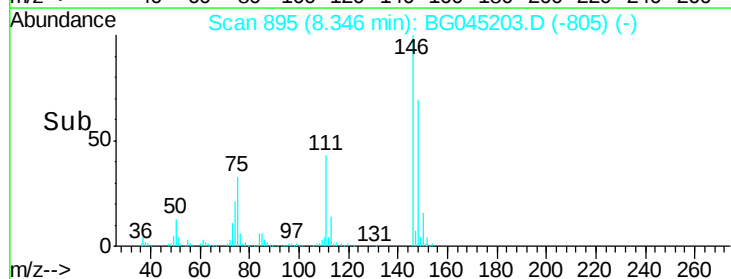
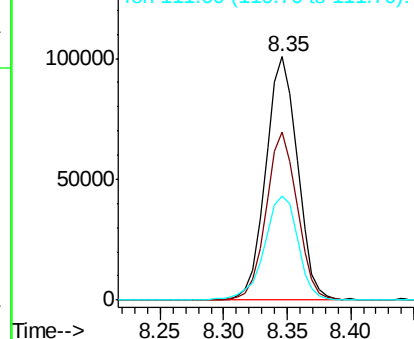
Lab File: BG045203.D

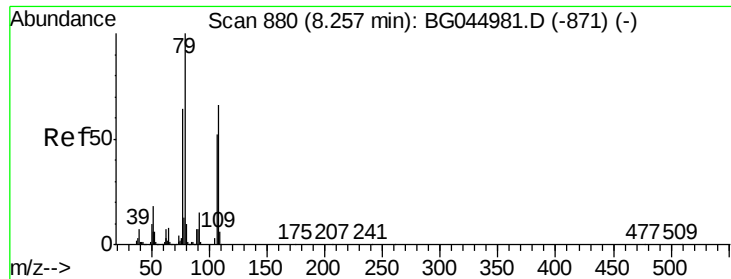
Acq: 29 Apr 2020 13:40

Tgt Ion:	146	Resp:	175428
Ion Ratio	Lower	Upper	
146	100		
148	68.8	51.9	77.9
111	43.0	31.3	46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.202 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

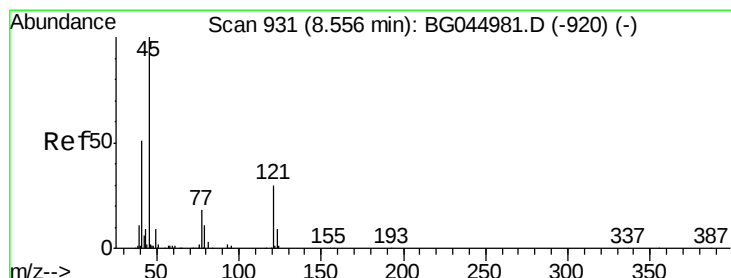
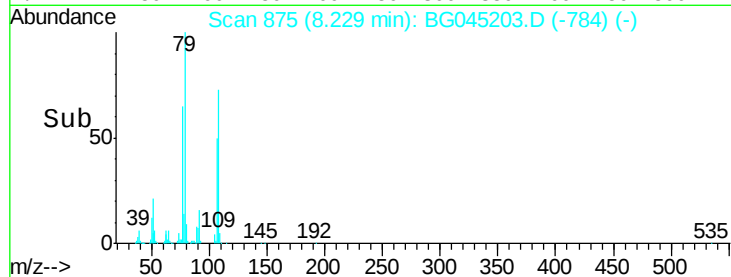
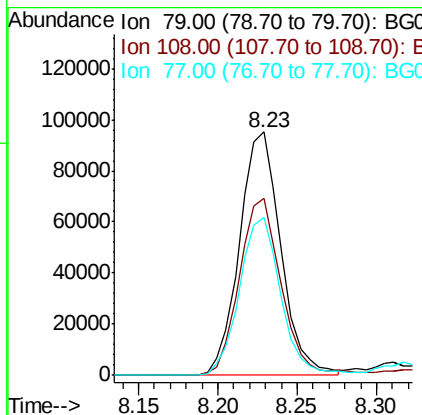
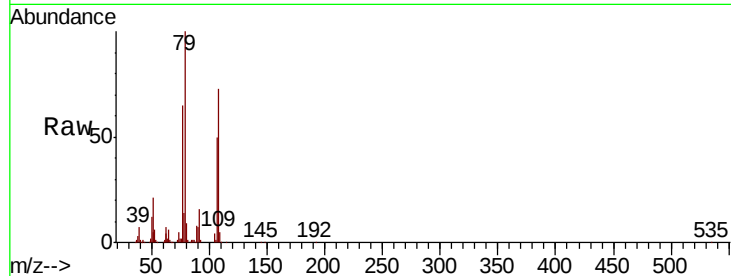
ClientSampleId :

PB128519BSD

Tot Ion:	79	Resp:	172163
Ion	Ratio	Lower	Upper
79	100		
108	72.8	52.7	79.1
77	64.9	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.603 ng

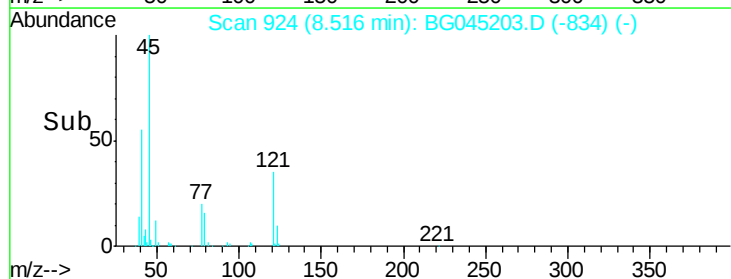
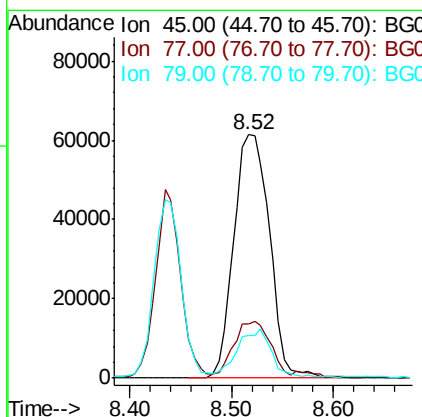
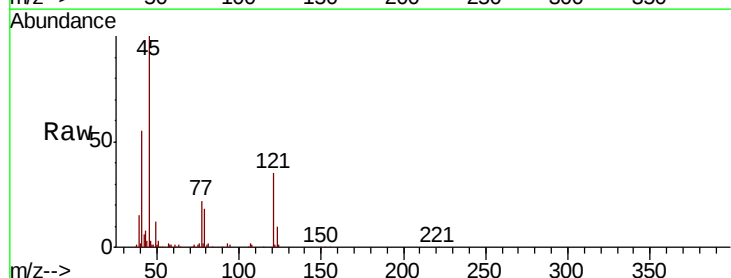
RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	45	Resp:	149950
Ion	Ratio	Lower	Upper
45	100		
77	22.0	1.9	41.9
79	17.6	0.0	35.5





#17

2-Methylphenol

Concen: 39.484 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

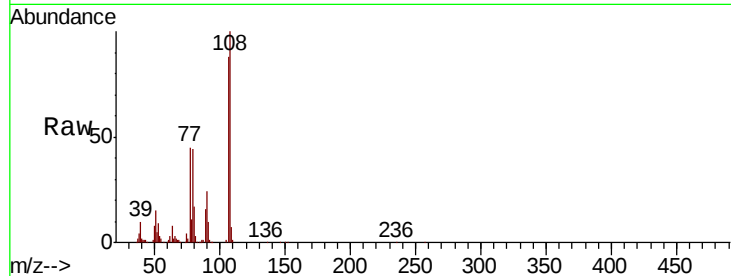
ClientSampleId :

PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.8	140.6	
77	51.1	38.5	57.7	
79	50.3	40.1	60.1	

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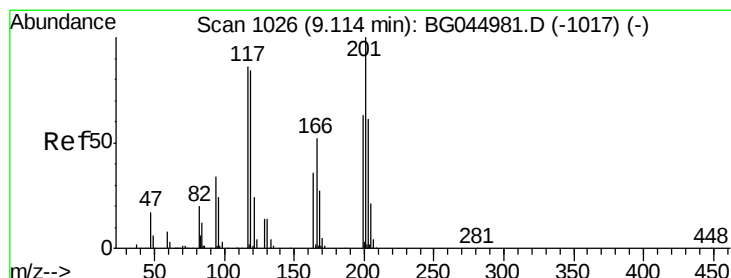
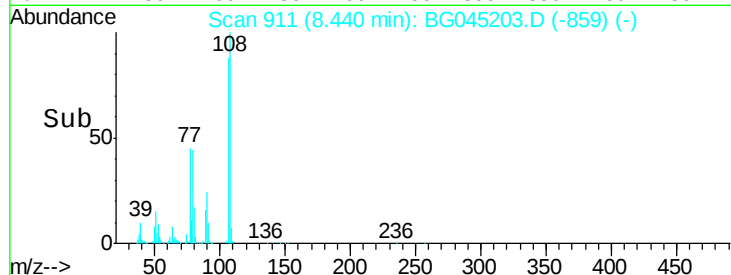
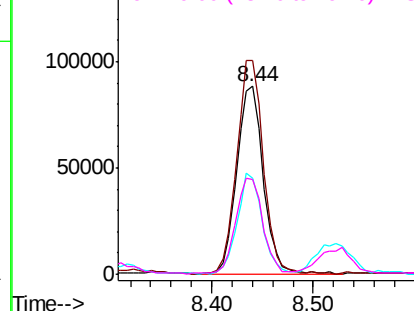
Abundance

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: 42.767 ng

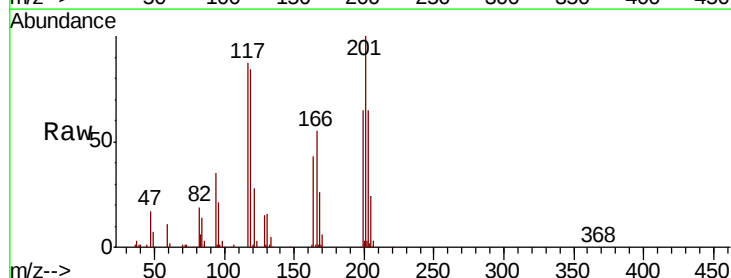
RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	78.3	117.5	
201	114.8	92.9	139.3	

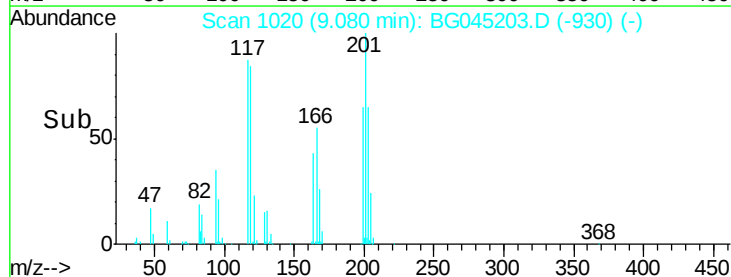
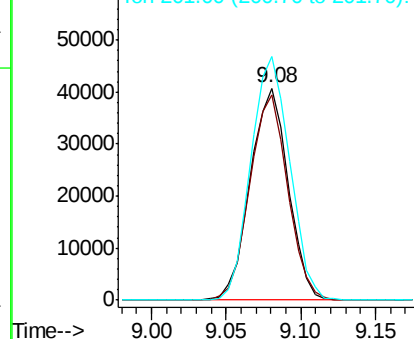


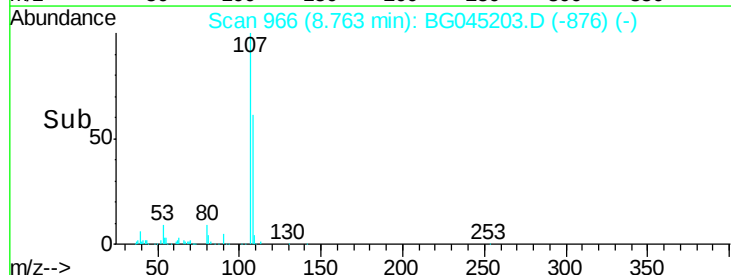
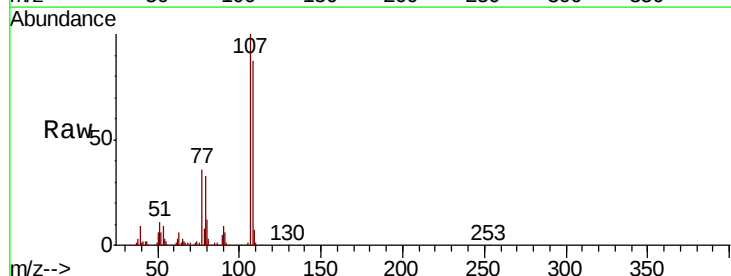
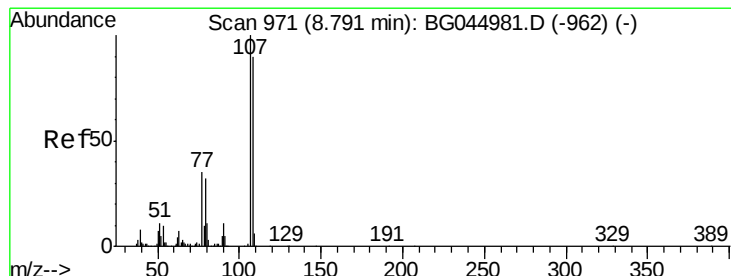
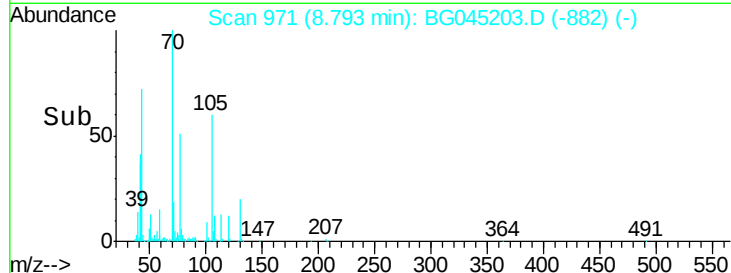
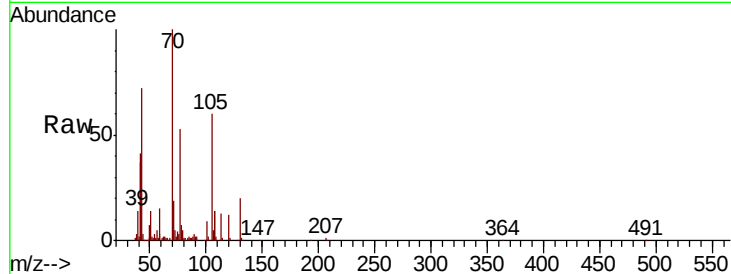
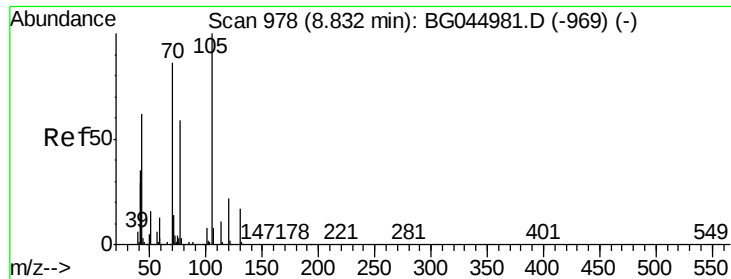
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

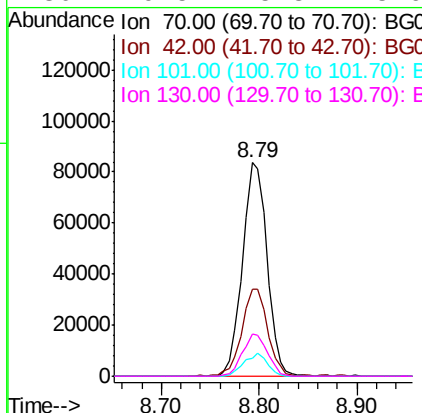
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.535 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tot Ion	Ion	Ratio	Lower	Upper
146454	70	100		
	42	41.0	33.3	49.9
	101	8.7	7.8	11.8
	130	19.5	15.8	23.6



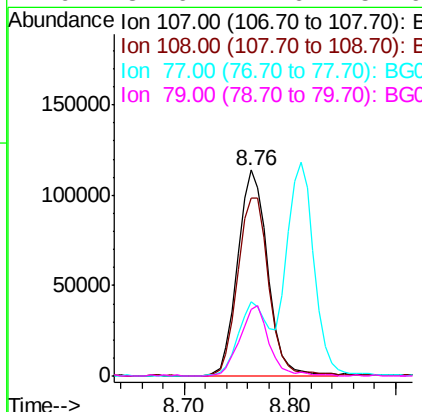
Instrument :
BNA_G
ClientSampleId :
PB128519BSD

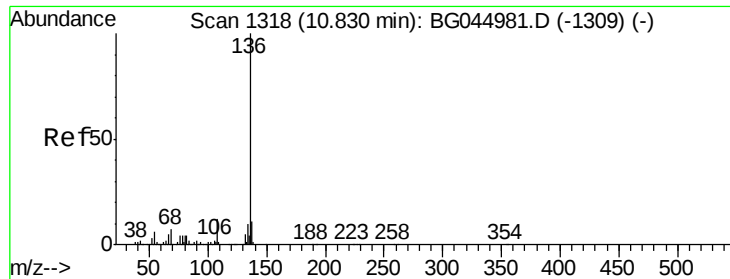
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#20
3+4-Methylphenols
Concen: 39.673 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ion	Ratio	Lower	Upper
224578	107	100		
	108	86.5	69.9	109.9
	77	36.4	15.2	55.2
	79	32.6	11.6	51.6





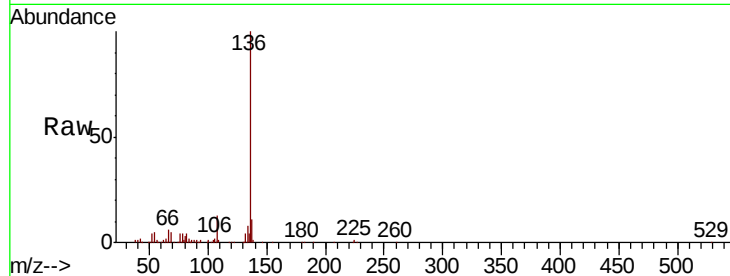
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

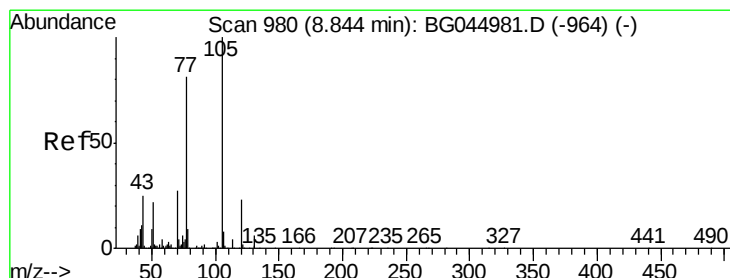
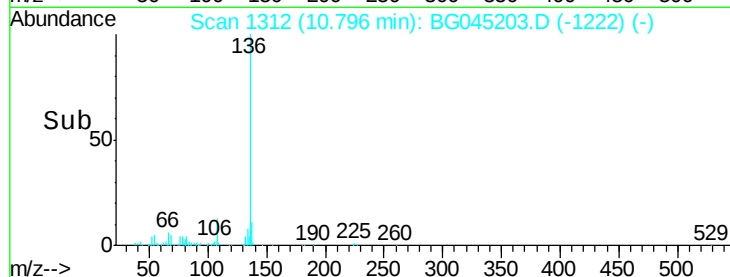
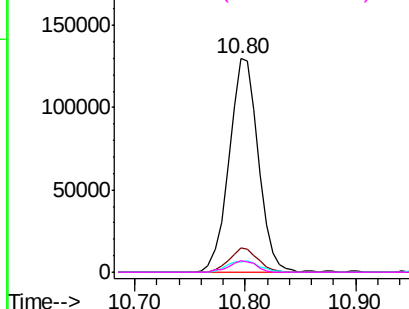
Tot Ion	Ratio	Resp	Lower	Upper
136	100	240595		
137	11.3		8.6	13.0
54	4.9		4.8	7.2
68	5.5		5.2	7.8

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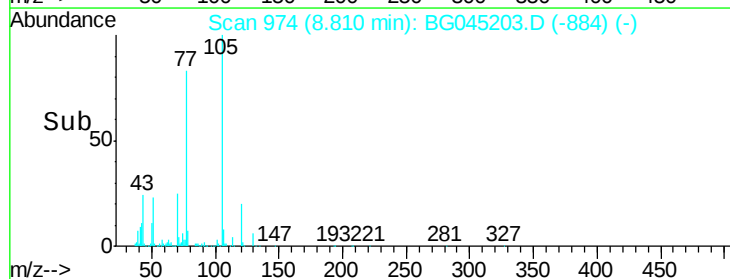
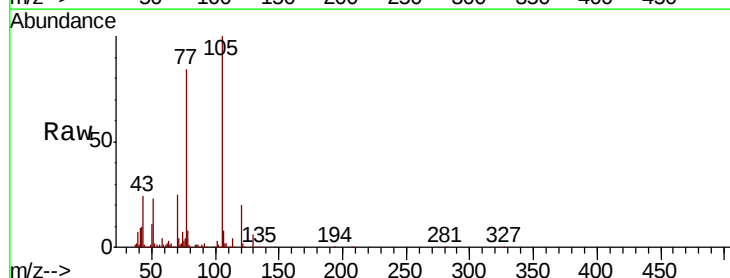
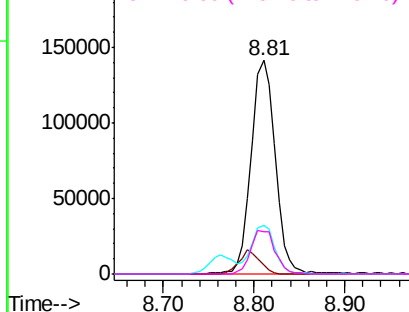
Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

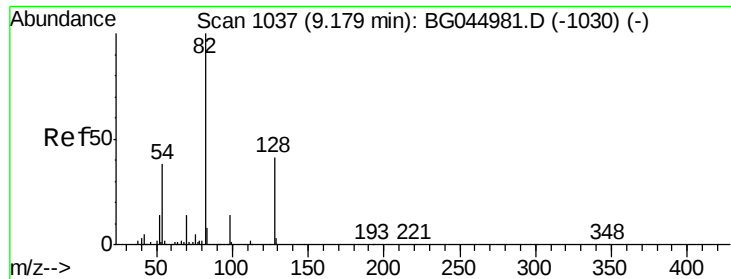


#22
Acetophenone
Concen: 40.271 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262013		
71	3.9		3.3	4.9
51	22.9		17.3	25.9
120	20.1		18.4	27.6

Abundance Ion 105.00 (104.70 to 105.70): E
200000 Ion 71.00 (70.70 to 71.70): BGC
150000 Ion 51.00 (50.70 to 51.70): BGC
100000 Ion 120.00 (119.70 to 120.70): E
50000
0





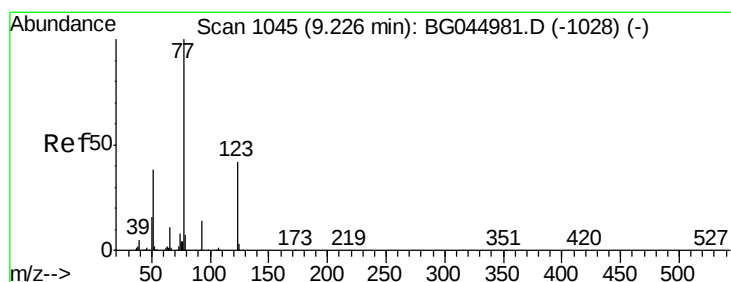
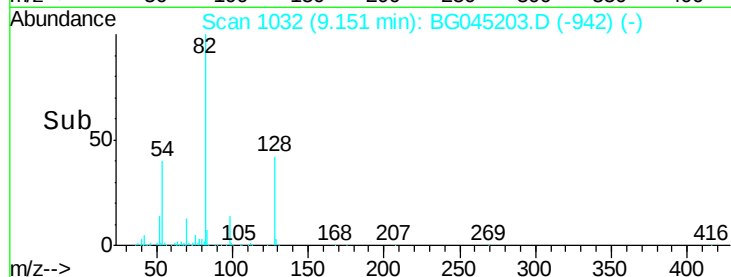
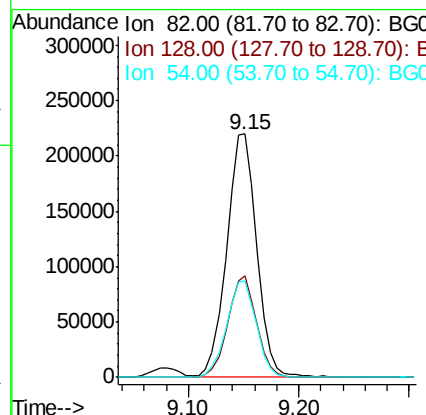
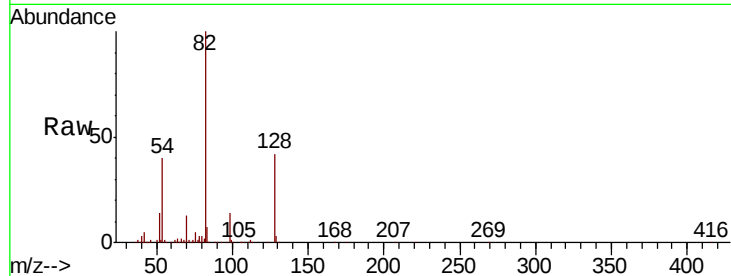
#23
Nitrobenzene-d5
Concen: 78.592 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	39.8	30.4	45.6

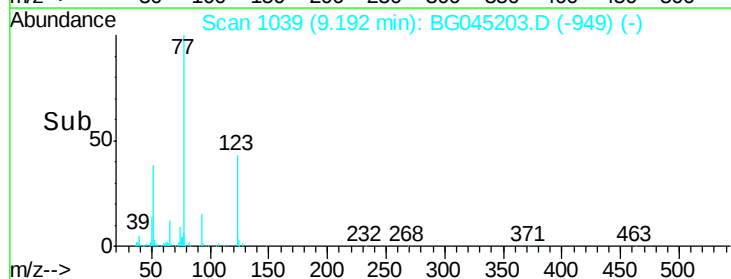
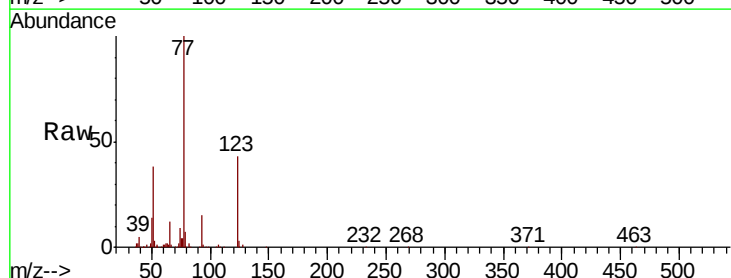
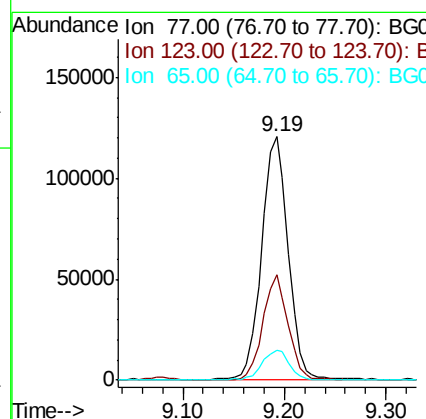
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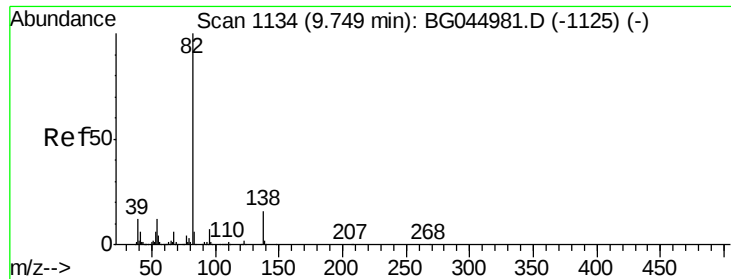
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#24
Nitrobenzene
Concen: 40.258 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	34.3	51.5
65	12.0	8.9	13.3





#25

Isophorone

Concen: 38.094 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

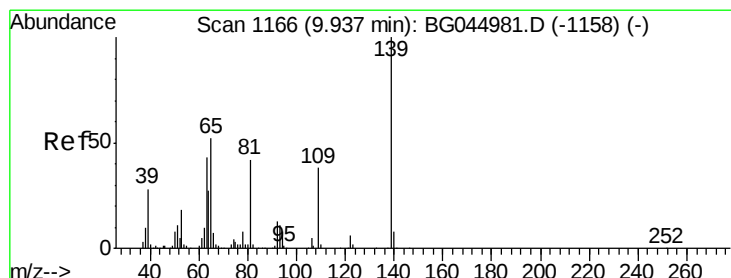
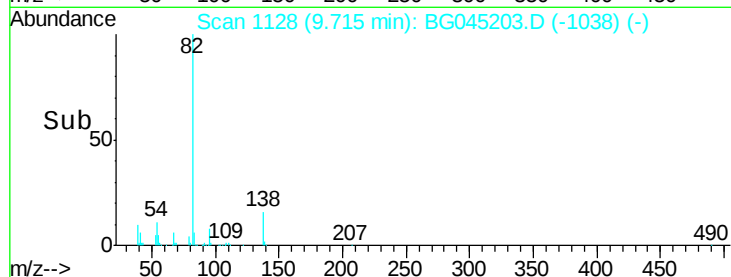
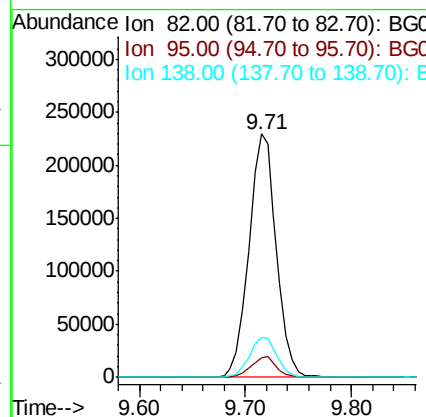
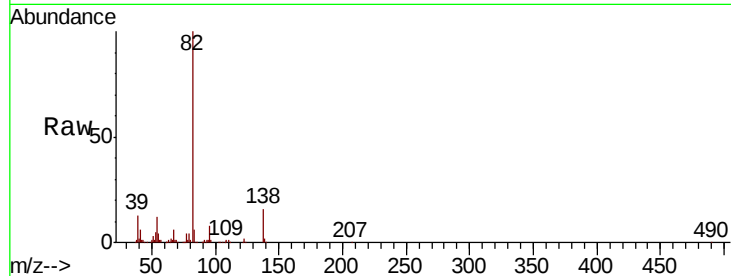
ClientSampleId :

PB128519BSD

Tot Ion:	82	Resp:	411338
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.0	9.0
138	16.2	12.7	19.1

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#26

2-Nitrophenol

Concen: 43.954 ng

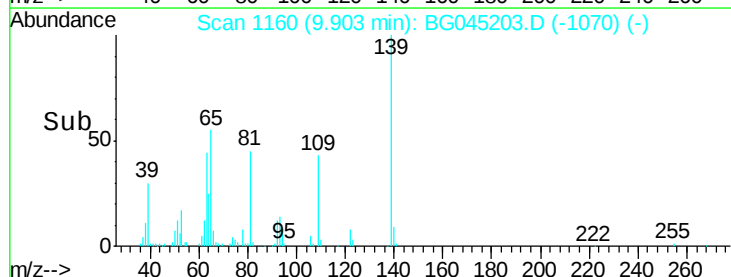
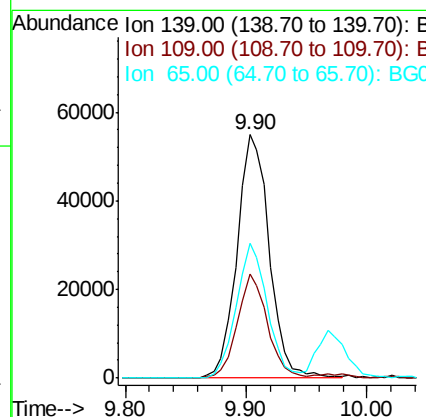
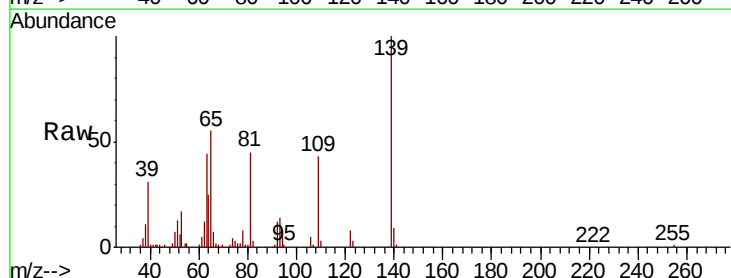
RT: 9.90 min Scan# 1160

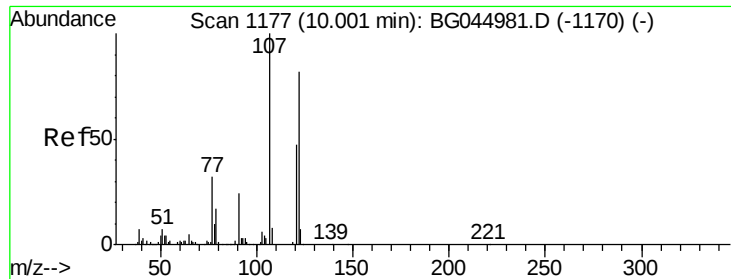
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	139	Resp:	102331
Ion Ratio	Lower	Upper	
139	100		
109	42.8	30.6	45.8
65	55.1	41.8	62.6





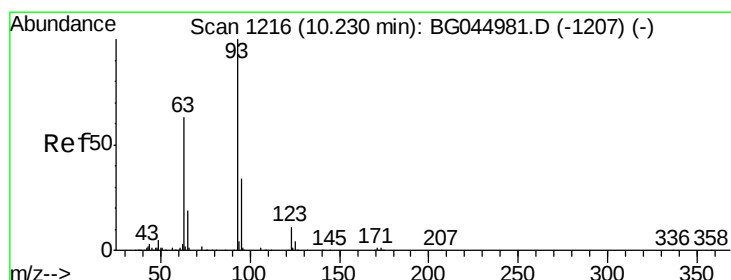
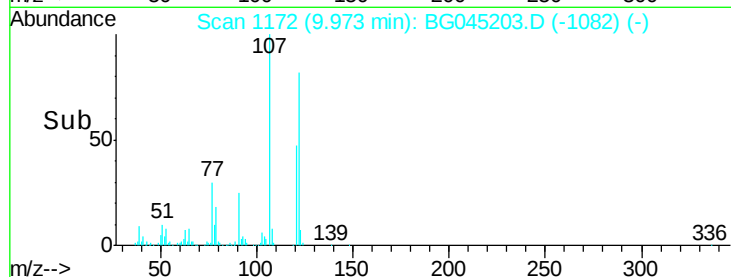
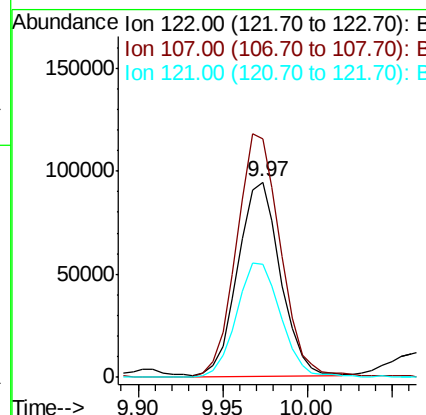
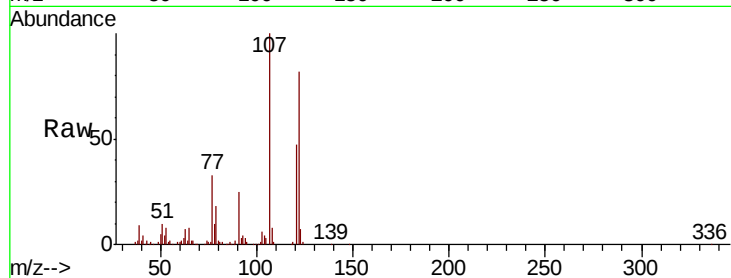
#27
 2,4-Dimethylphenol
 Concen: 45.057 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	166444		
107	121.8	96.8	145.2	
121	57.5	45.6	68.4	

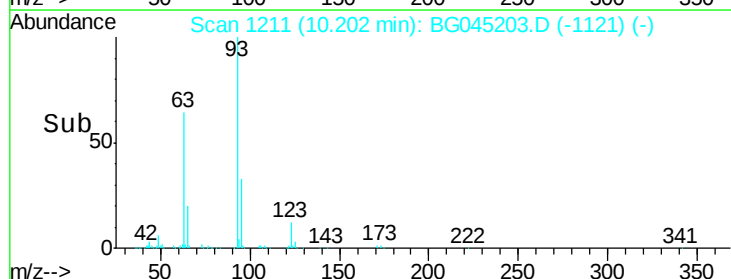
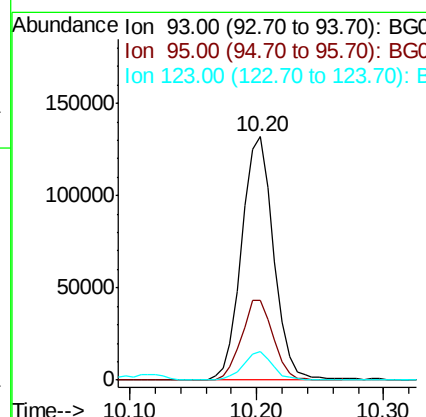
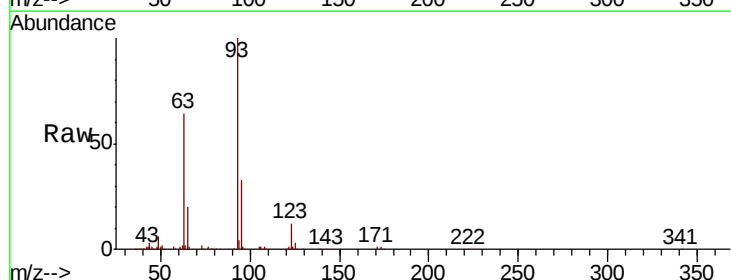
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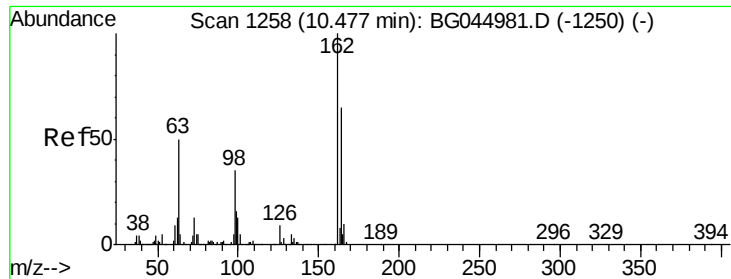
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.575 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	230202		
95	33.0	27.0	40.4	
123	12.0	8.7	13.1	





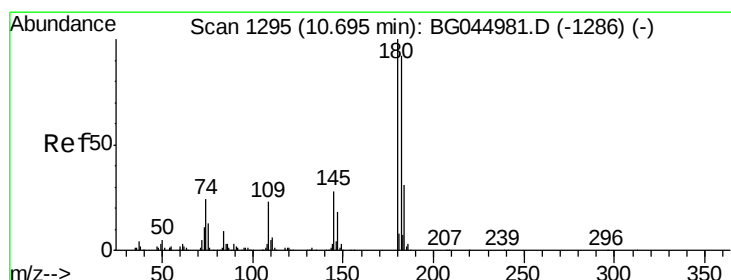
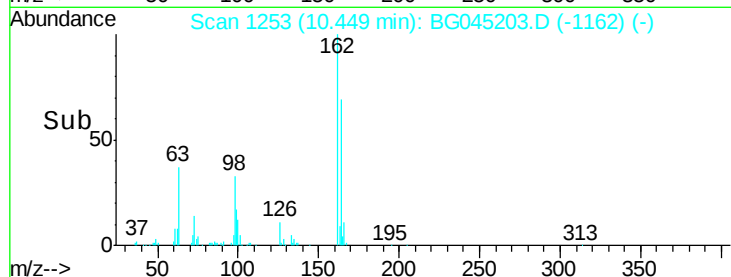
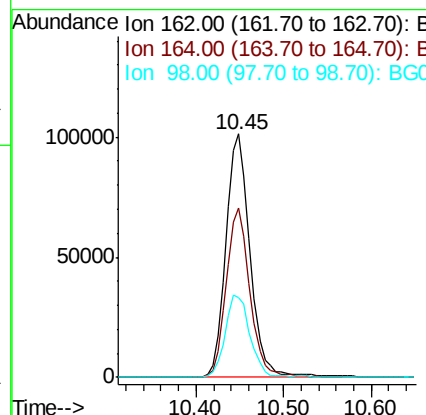
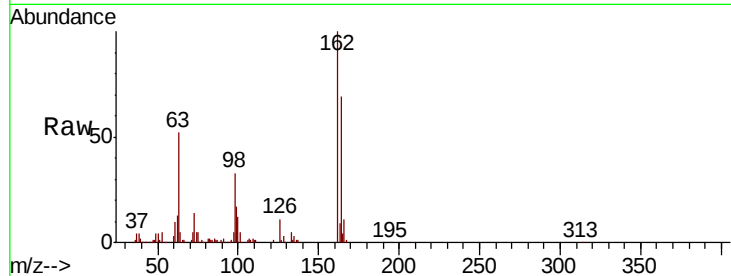
#29
2,4-Dichlorophenol
Concen: 45.243 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	192986		
164	69.4	45.0	85.0	
98	32.7	15.2	55.2	

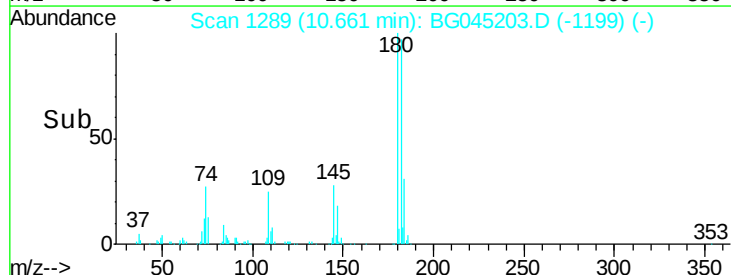
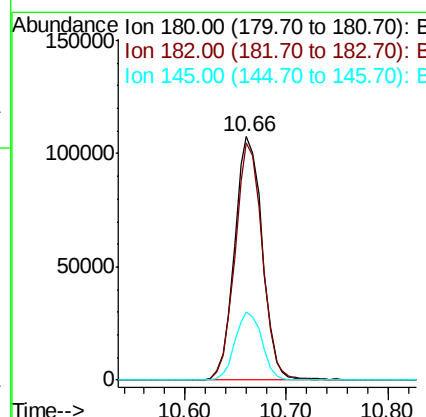
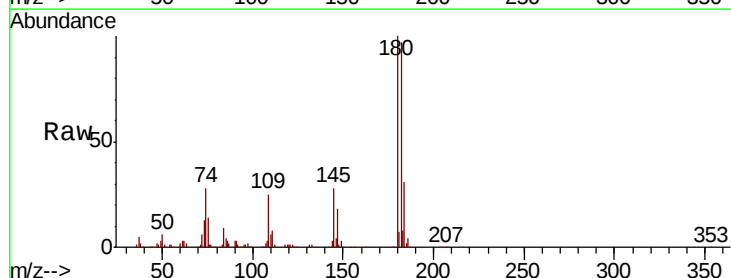
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#30
1,2,4-Trichlorobenzene
Concen: 42.137 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203497		
182	97.4	73.3	109.9	
145	28.2	22.6	33.8	





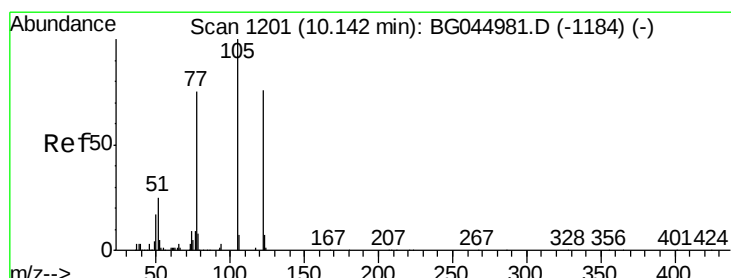
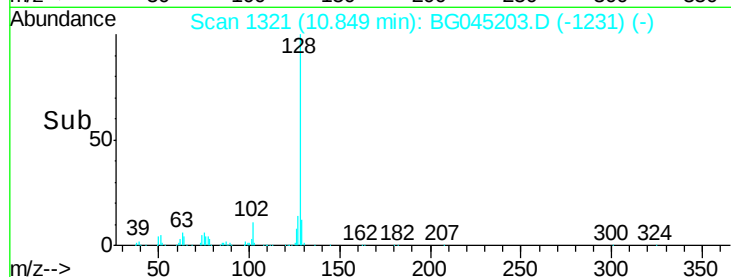
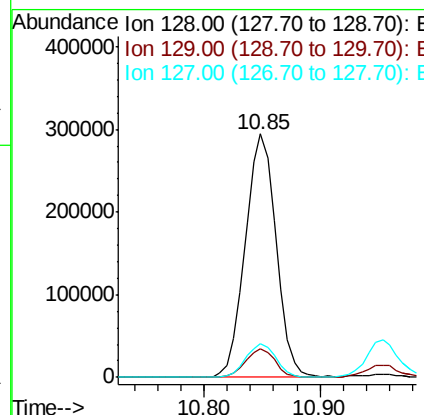
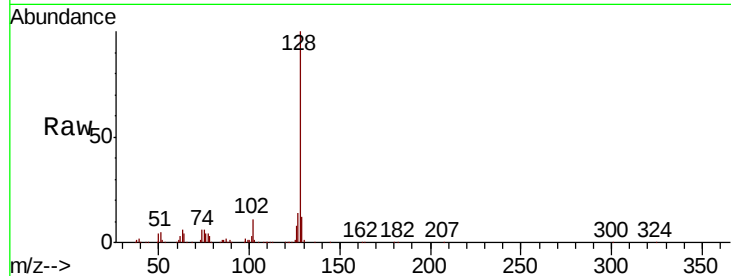
#31
Naphthalene
Concen: 41.534 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.4	14.2	
127	14.0	10.8	16.2	

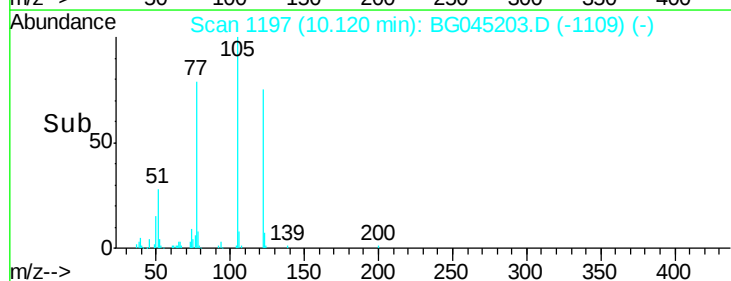
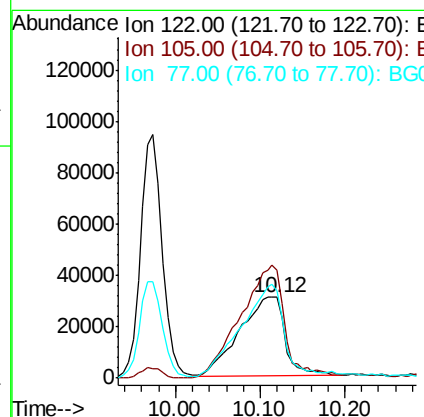
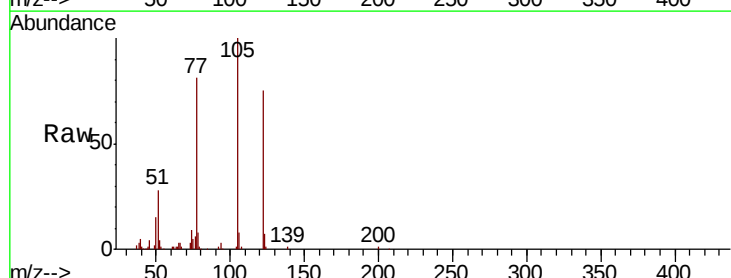
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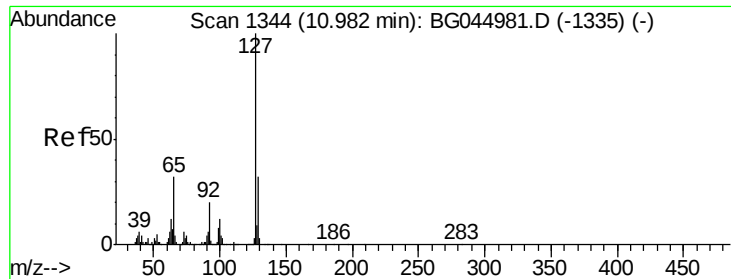
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#32
Benzoic acid
Concen: 39.996 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.0	108.4	148.4	
77	108.0	78.8	118.8	





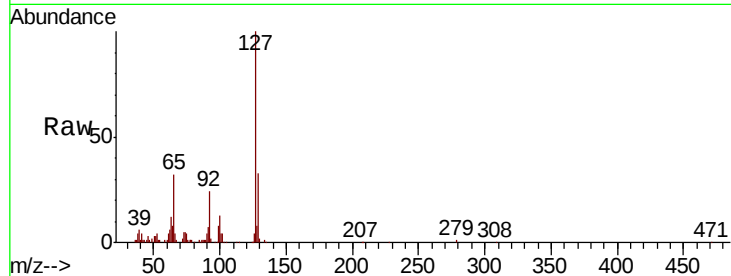
#33
4-Chloroaniline
Concen: 15.009 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

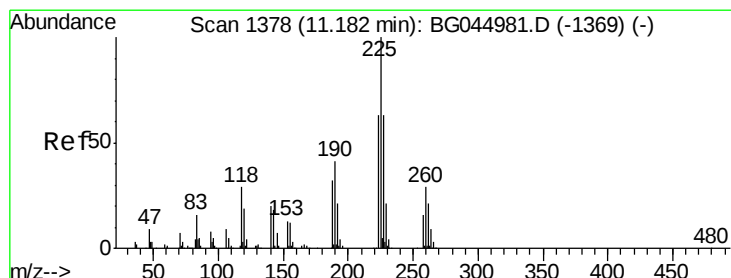
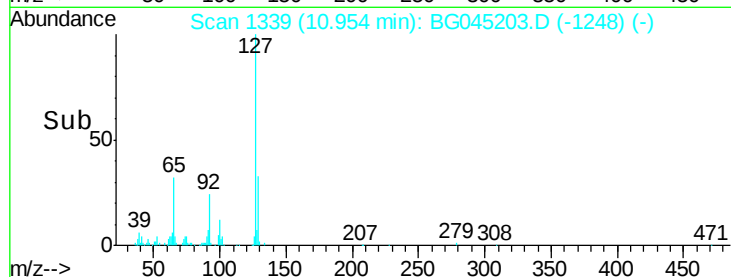
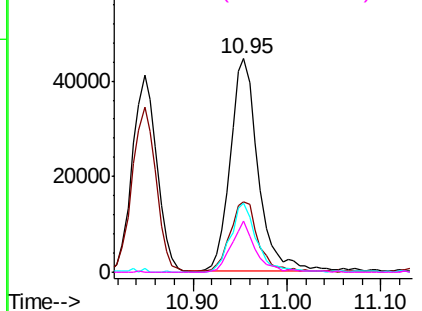
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		92125		
129	33.2	25.7	38.5		
65	32.3	25.4	38.2		
92	23.9	16.1	24.1		

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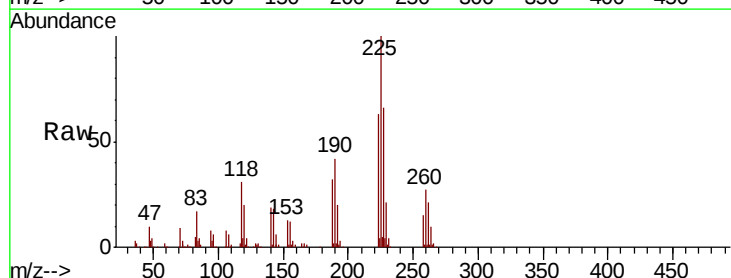


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

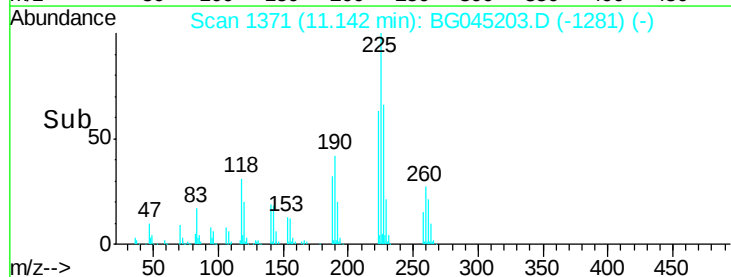
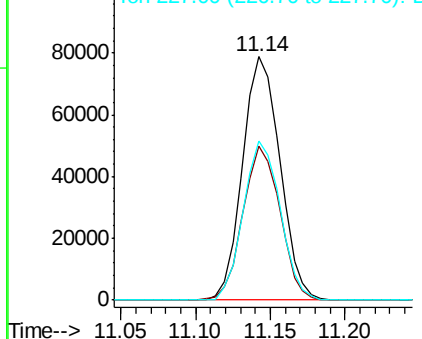


#34
Hexachlorobutadiene
Concen: 41.311 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		136789		
223	63.4	50.7	76.1		
227	65.6	50.2	75.2		



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: 40.254 ng/mL

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

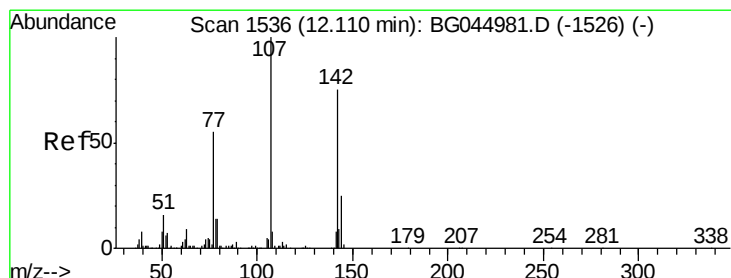
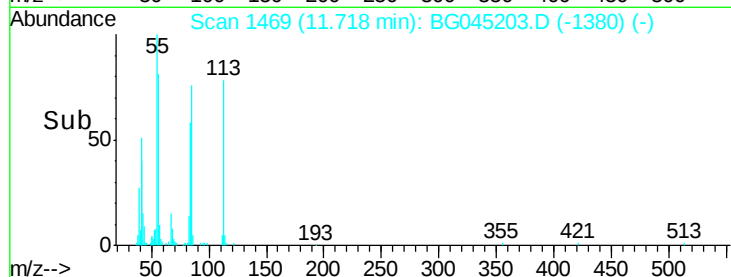
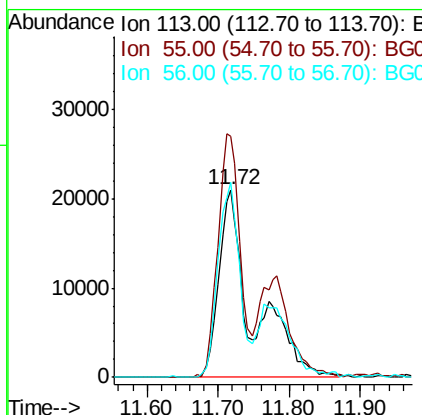
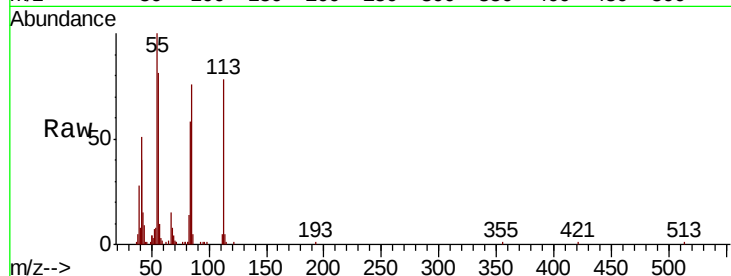
ClientSampleId :

PB128519BSD

Tot Ion:	113	Resp:	68337
Ion	Ratio	Lower	Upper
113	100		
55	128.3	118.8	158.8
56	103.9	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 44.776 ng/mL

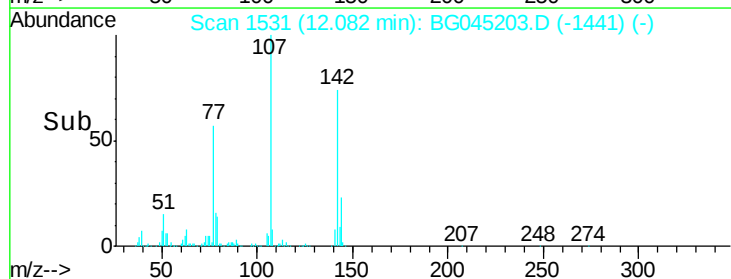
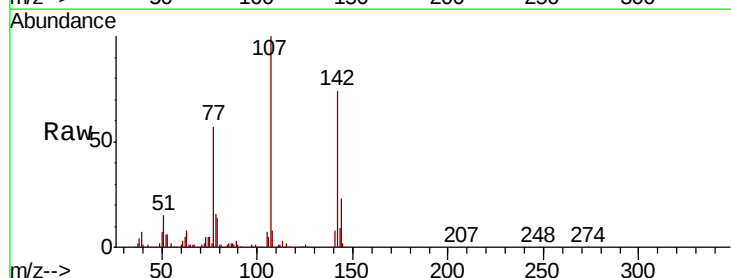
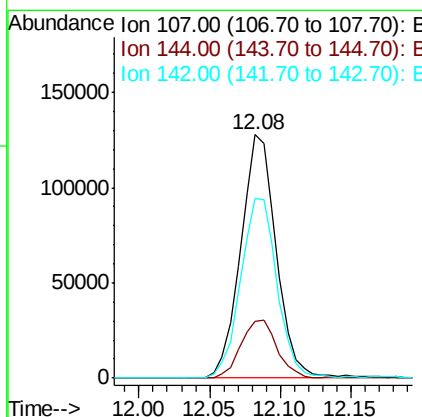
RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	107	Resp:	224367
Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.8	29.6
142	73.9	59.7	89.5





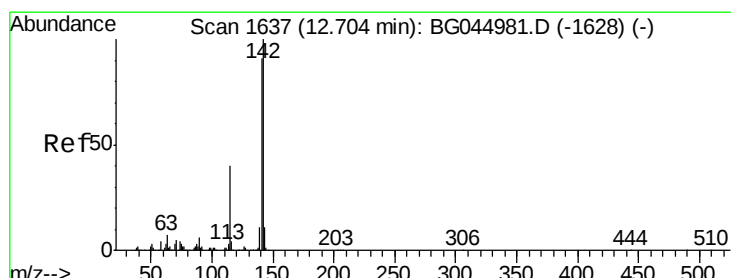
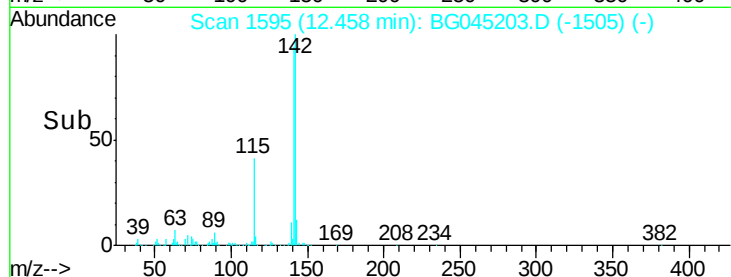
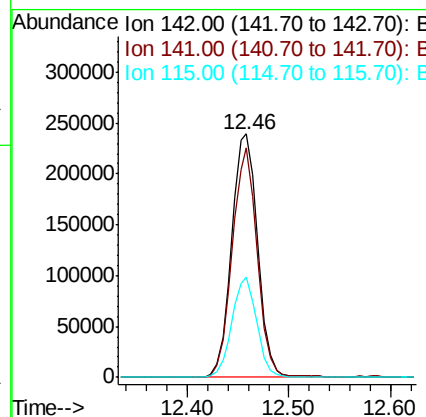
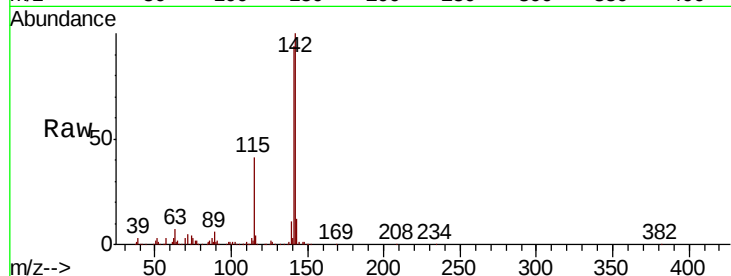
#37
 2-Methylnaphthalene
 Concen: 41.700 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.3	105.5
115	41.1	29.8	44.6

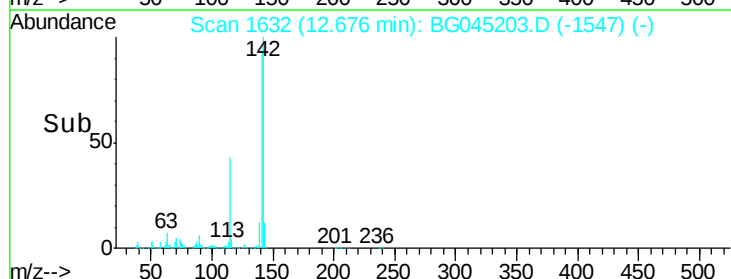
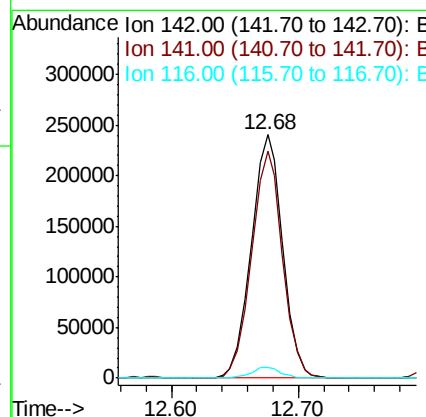
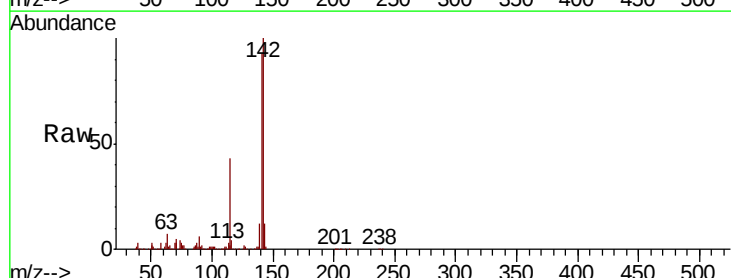
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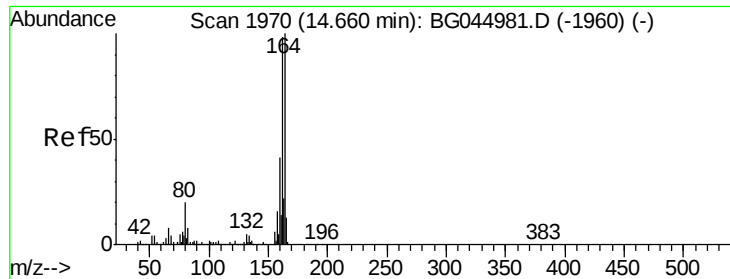
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#38
 1-Methylnaphthalene
 Concen: 42.664 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

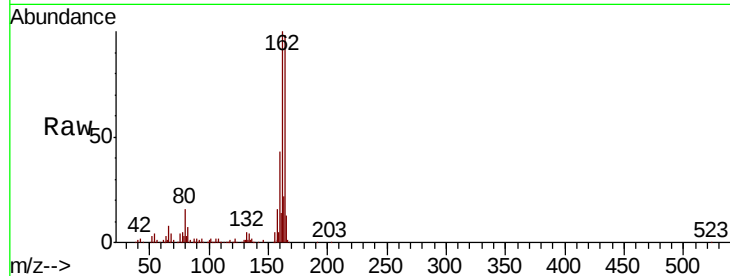
ClientSampleId :

PB128519BSD

Tot Ion:	164	Resp:	180490
Ion Ratio	Lower	Upper	
164	100		
162	101.6	78.7	118.1
160	43.8	32.8	49.2

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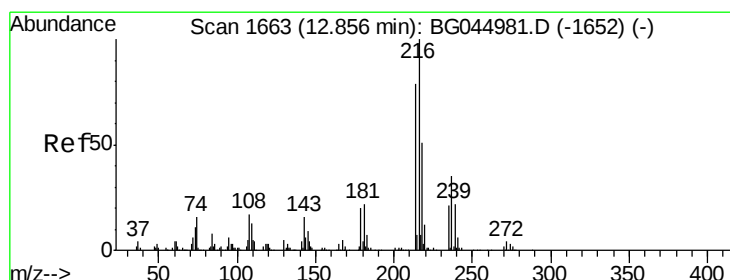
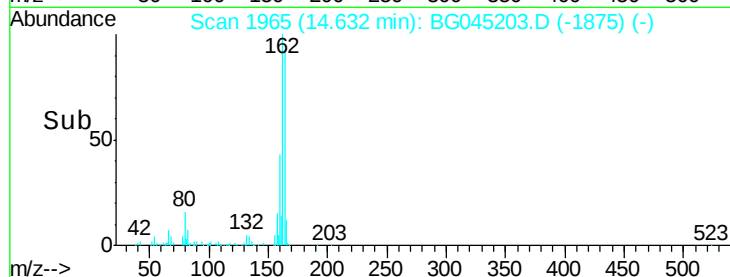
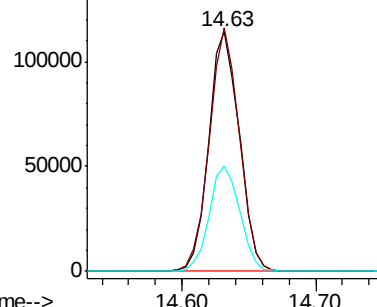


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.517 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	216	Resp:	235458
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.0	94.6
179	20.3	15.8	23.8
108	19.4	14.2	21.2

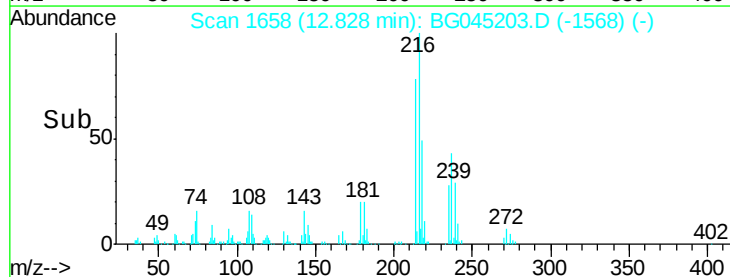
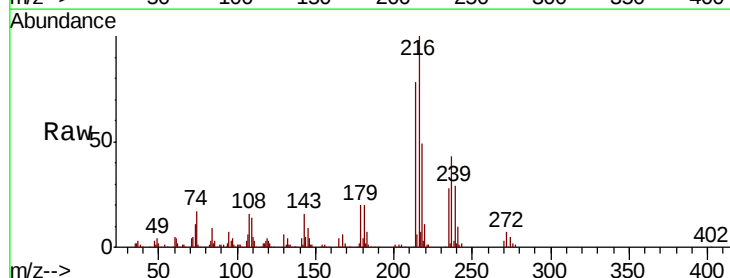
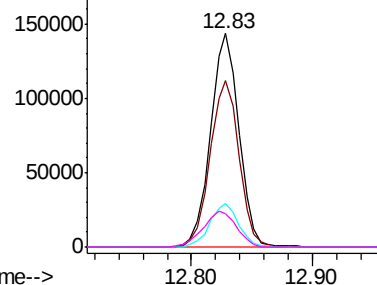
Abundance

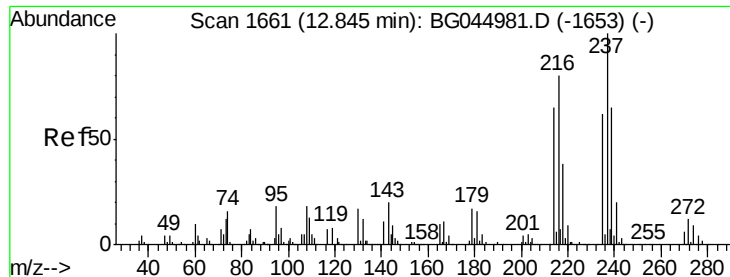
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.474 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

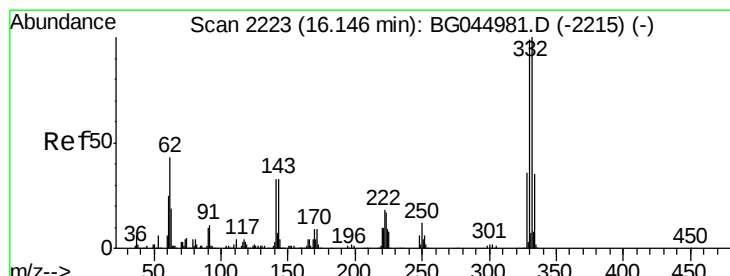
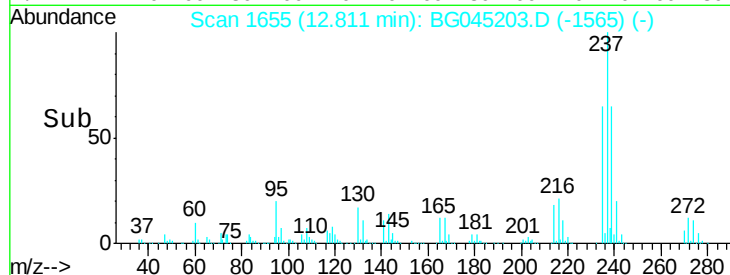
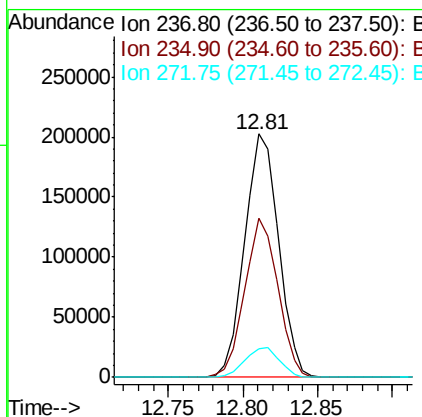
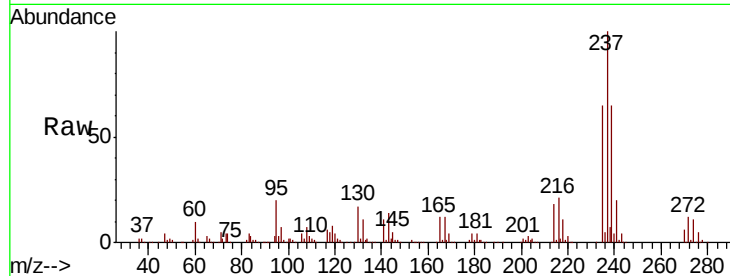
ClientSampleId :

PB128519BSD

Tot Ion:	237	Resp:	317718
Ion Ratio		Lower	Upper
237	100		
235	65.1	41.6	81.6
272	11.9	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 89.771 ng

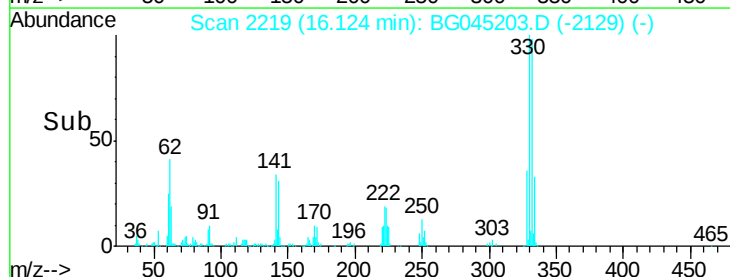
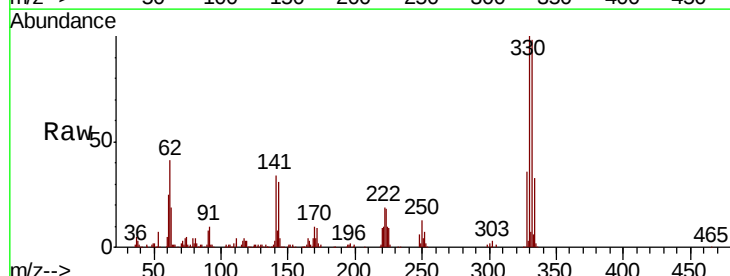
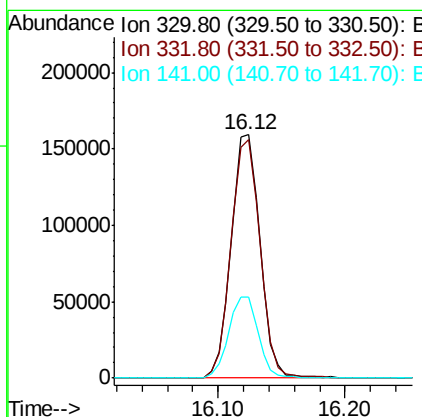
RT: 16.12 min Scan# 2219

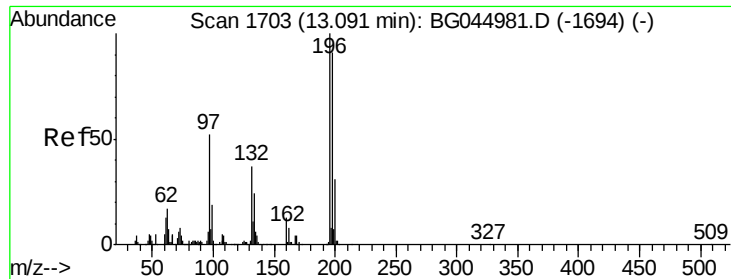
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	330	Resp:	250312
Ion Ratio		Lower	Upper
330	100		
332	98.5	79.1	118.7
141	34.3	27.1	40.7





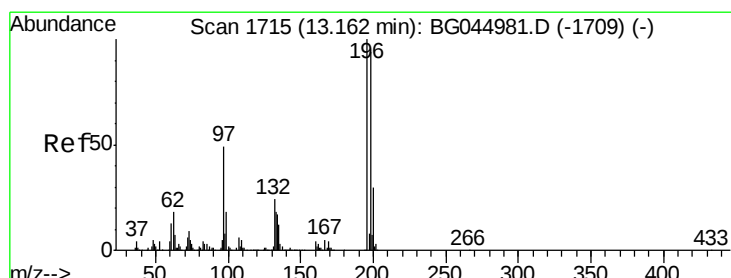
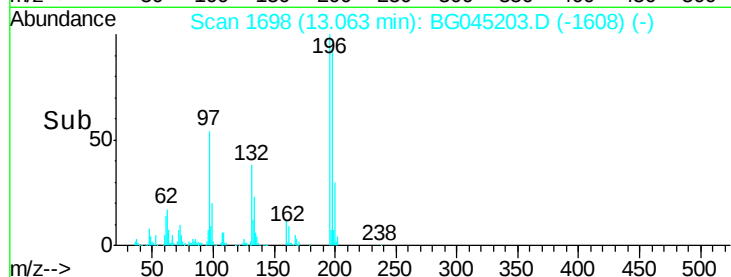
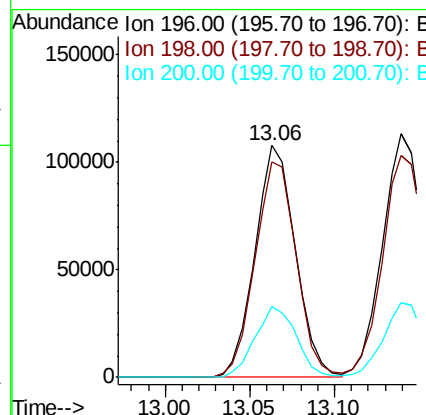
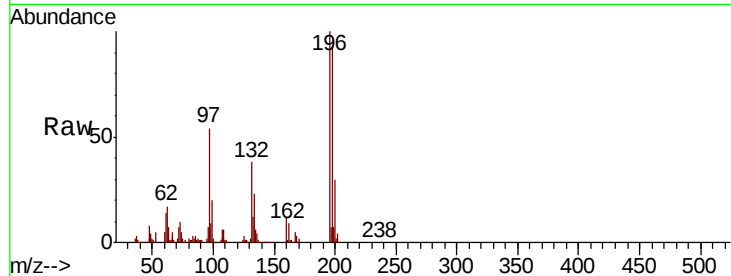
#43
 2,4,6-Trichlorophenol
 Concen: 43.914 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion:	196	Resp:	180107
Ion Ratio		Lower	Upper
196	100		
198	93.3	72.5	108.7
200	30.5	24.5	36.7

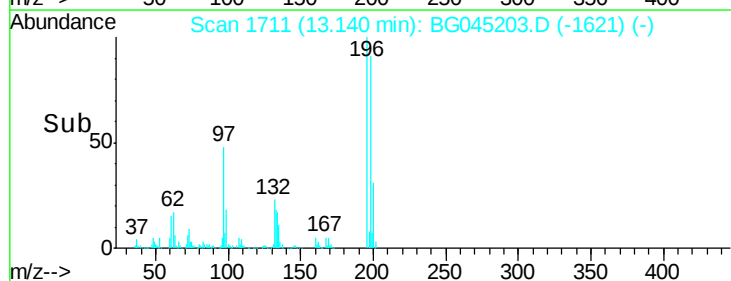
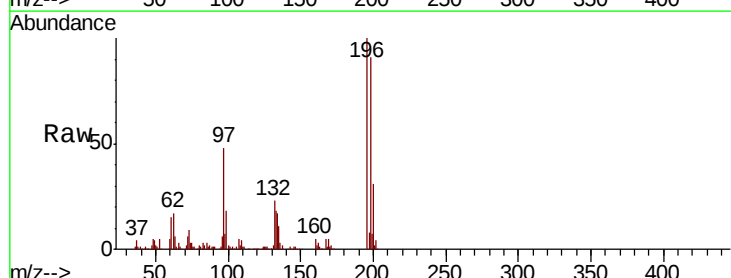
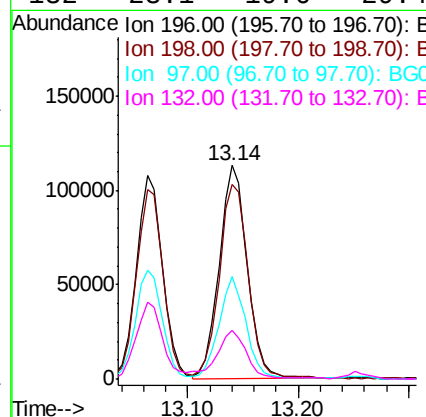
Manual Integrations
 APPROVED

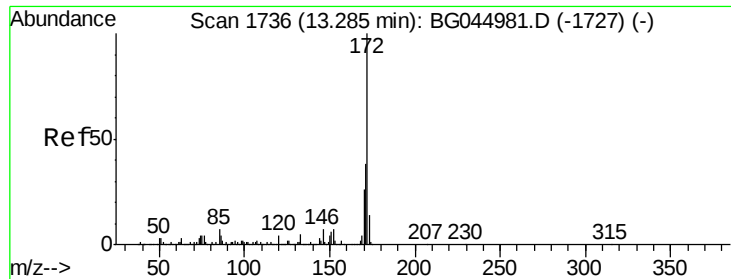
mohammad
 4/30/2020 1:37:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.655 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion:	196	Resp:	199133
Ion Ratio		Lower	Upper
196	100		
198	91.3	75.7	113.5
97	47.7	39.6	59.4
132	23.1	19.6	29.4





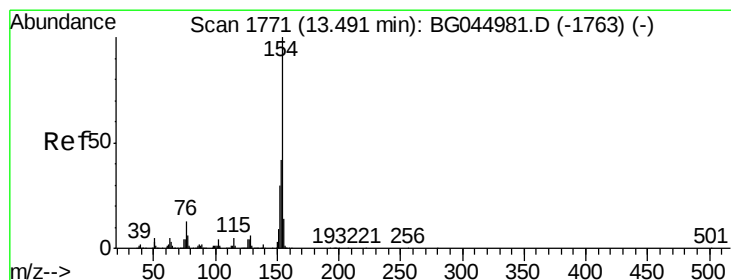
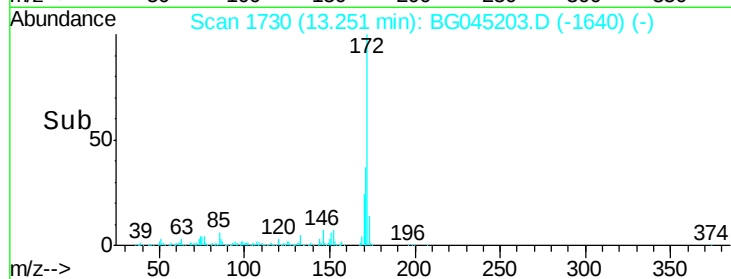
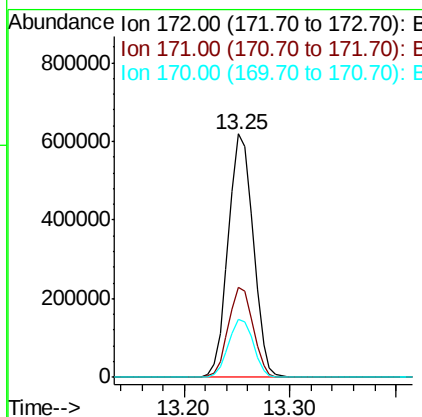
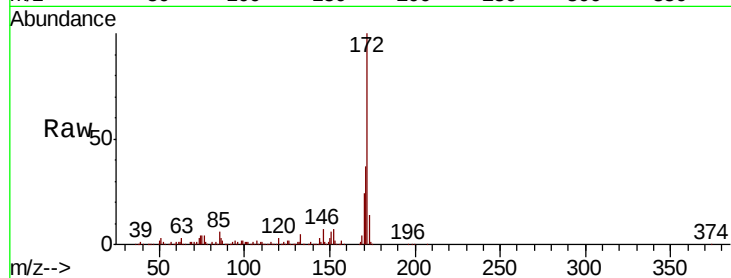
#45
2-Fluorobiphenyl
Concen: 82.210 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	23.8	20.5	30.7

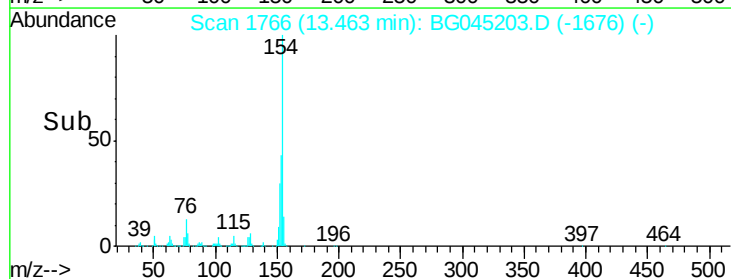
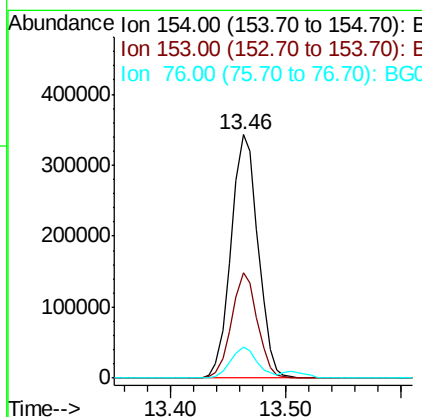
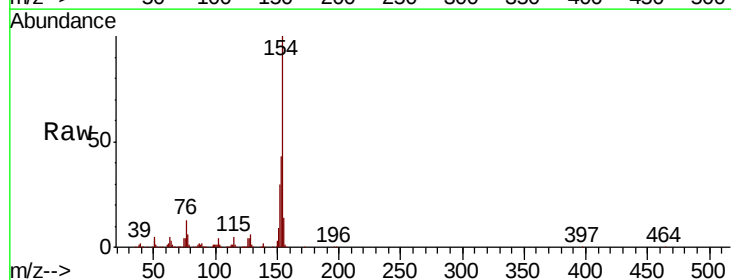
Manual Integrations
APPROVED

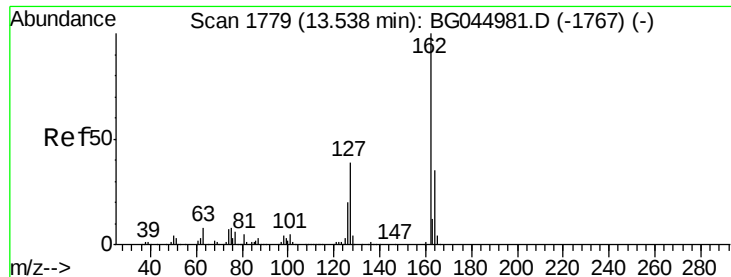
mohammad
4/30/2020 1:37:41 PM



#46
1,1'-Biphenyl
Concen: 40.576 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	21.9	61.9
76	12.6	0.0	33.1





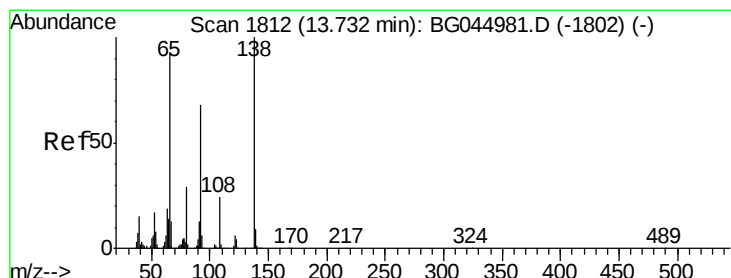
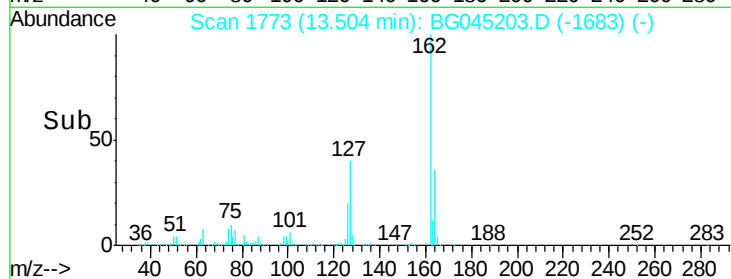
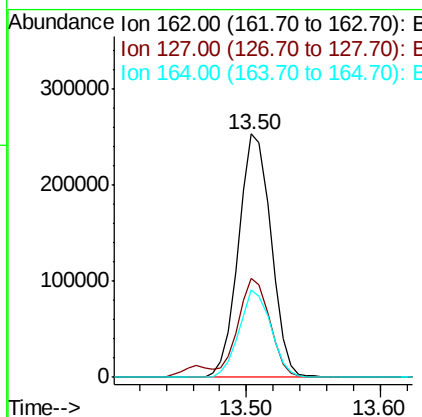
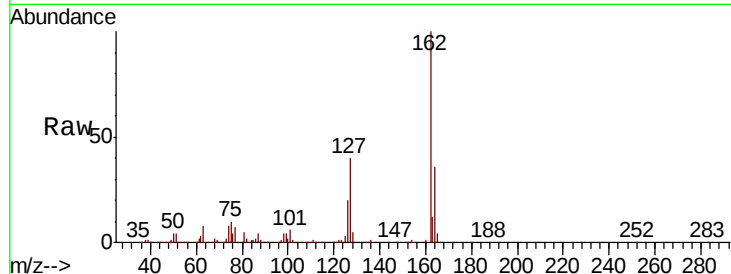
#47
2-Chloronaphthalene
Concen: 40.879 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.3	46.9
164	35.8	27.8	41.8

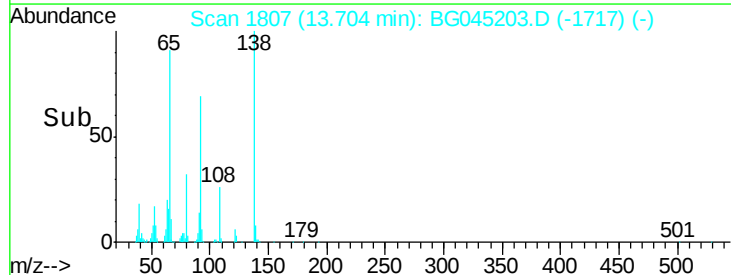
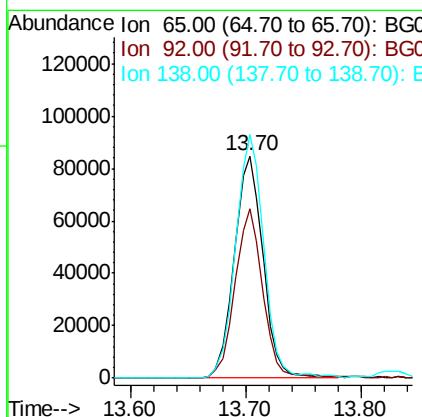
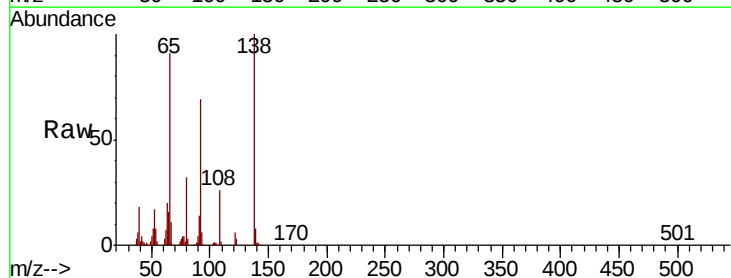
Manual Integrations
APPROVED

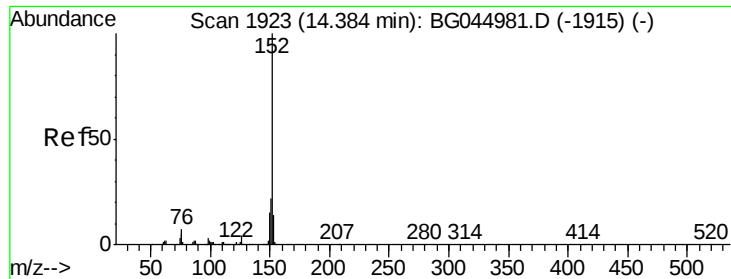
mohammad
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#48
2-Nitroaniline
Concen: 42.326 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	58.3	87.5
138	109.7	85.6	128.4





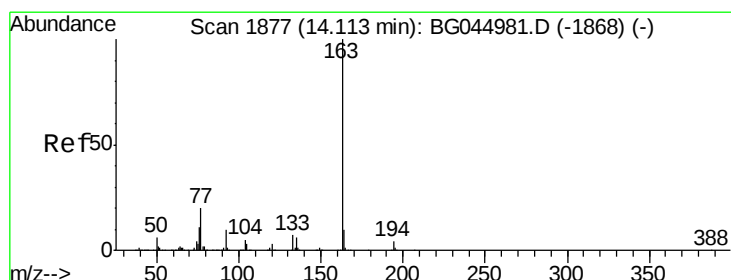
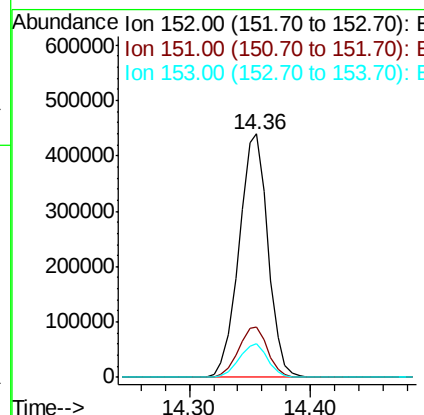
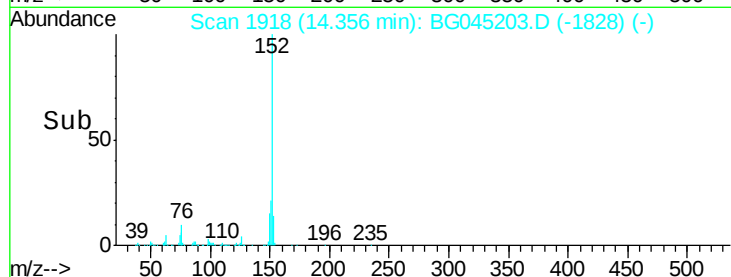
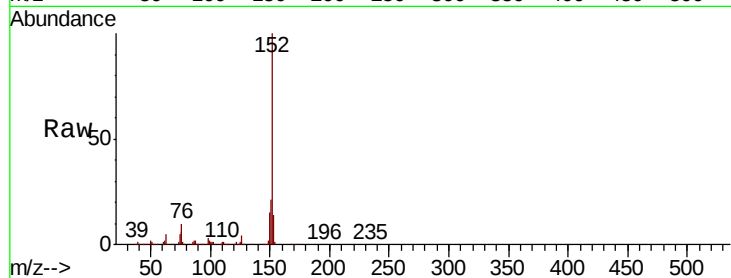
#49
Acenaphthylene
Concen: 42.742 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		729783		
151	20.7	17.2	25.8		
153	13.6	11.0	16.4		

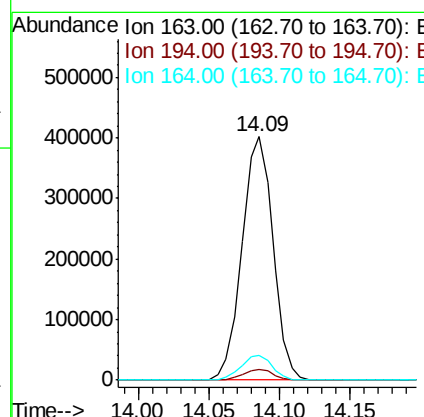
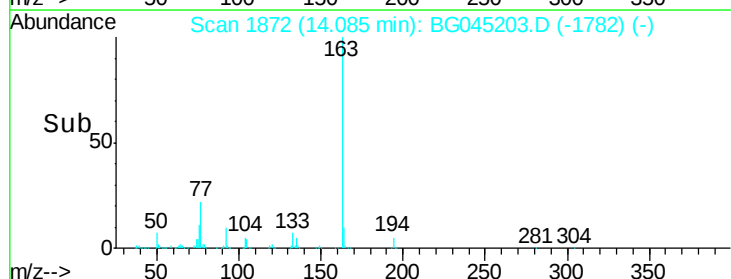
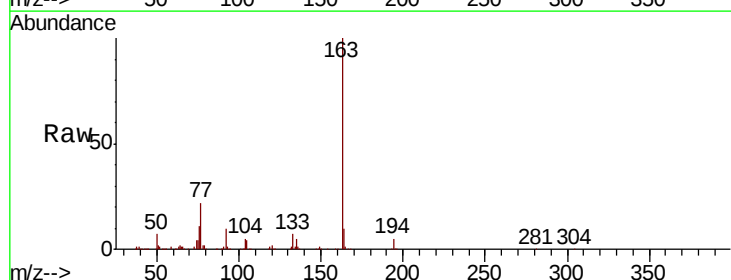
Manual Integrations
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#50
Dimethylphthalate
Concen: 42.049 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		617969		
194	4.5	3.5	5.3		
164	10.2	8.2	12.4		





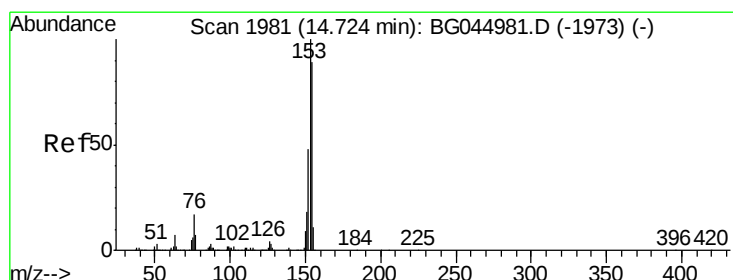
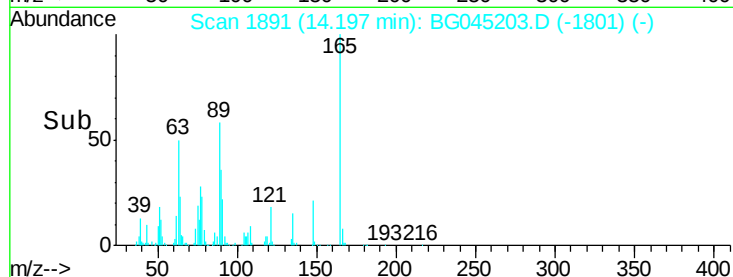
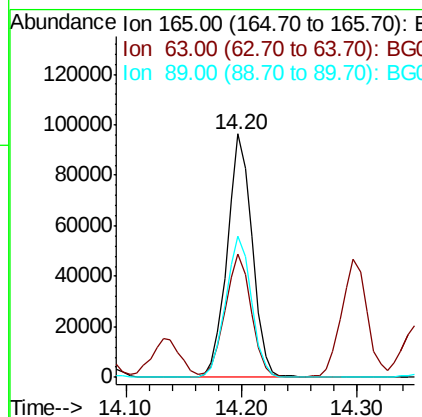
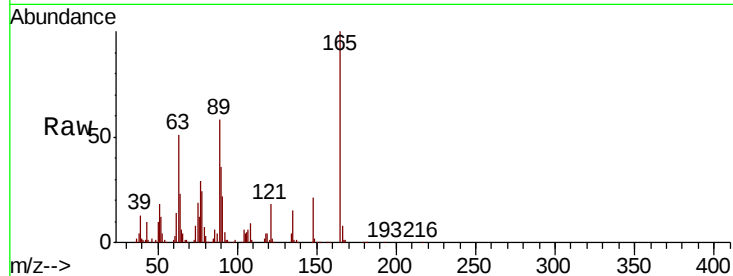
#51
2,6-Dinitrotoluene
Concen: 43.937 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	144427		
63	50.6		40.4	60.6
89	58.0		49.1	73.7

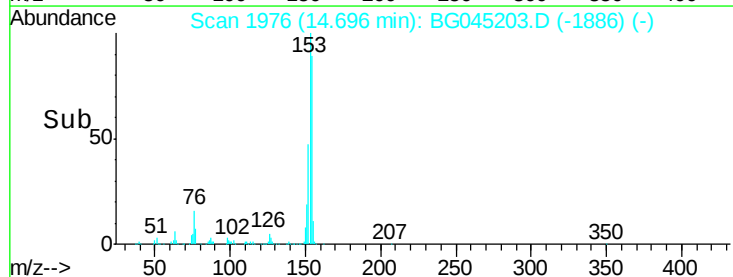
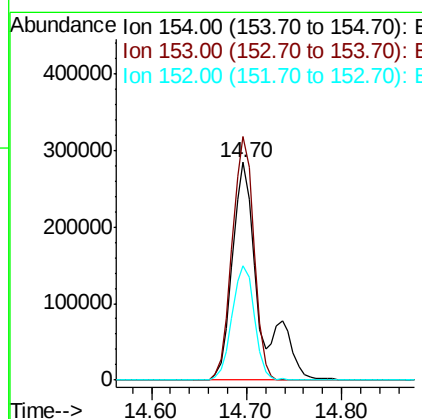
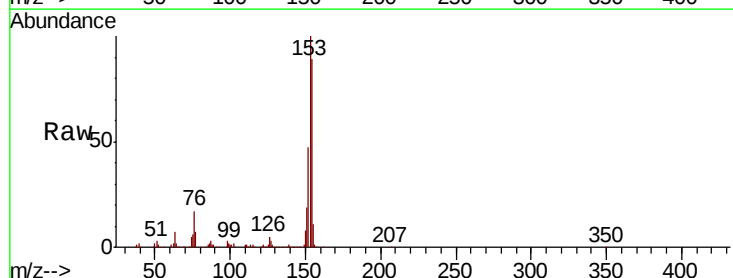
Manual Integrations
APPROVED

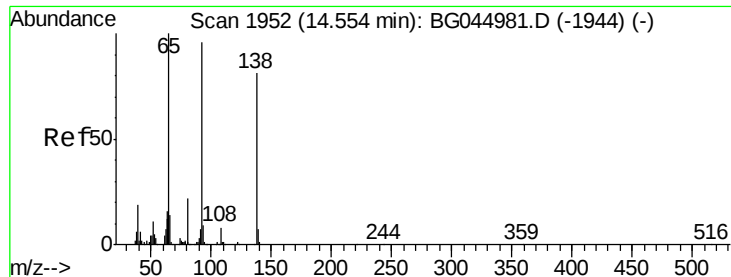
mohammad
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#52
Acenaphthene
Concen: 48.500 ng m
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	560292		
153	112.0		89.7	134.5
152	52.7		43.1	64.7





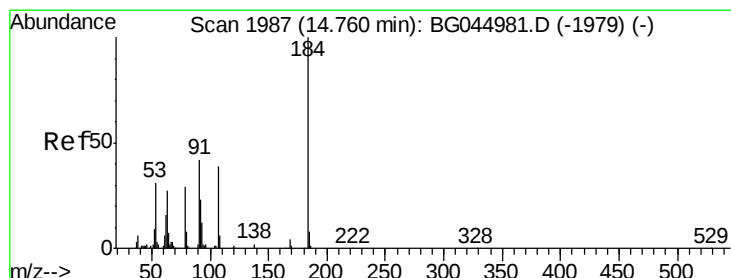
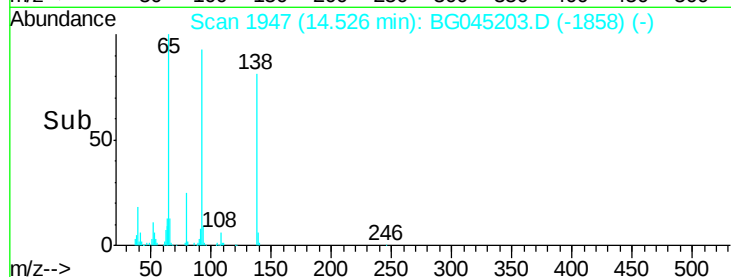
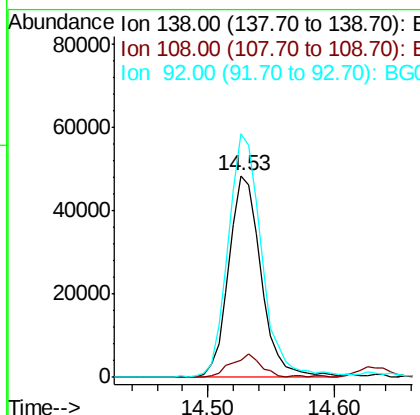
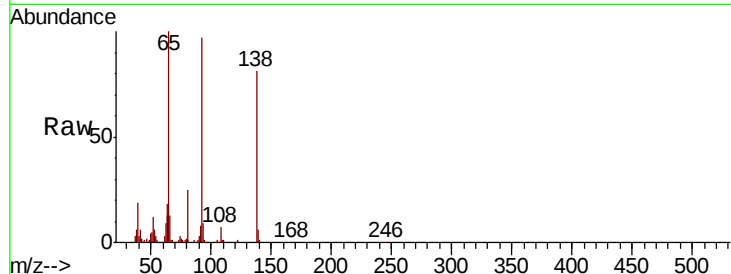
#53
3-Nitroaniline
Concen: 23.781 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	7.8	11.8
92	120.6	94.5	141.7

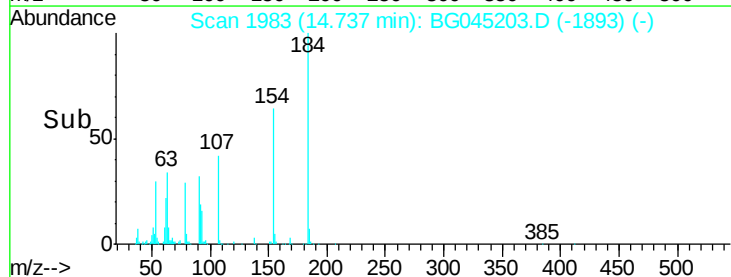
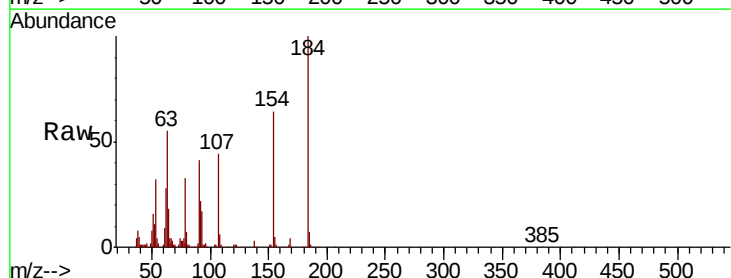
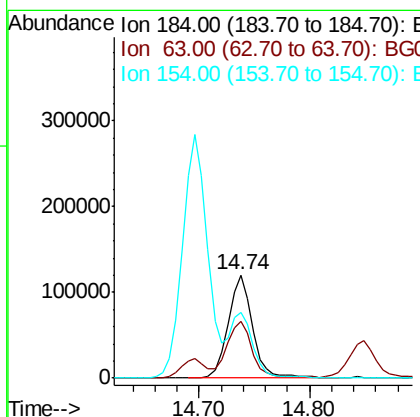
Manual Integrations
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#54
2,4-Dinitrophenol
Concen: 95.693 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.1	41.5	62.3
154	63.9	52.3	78.5





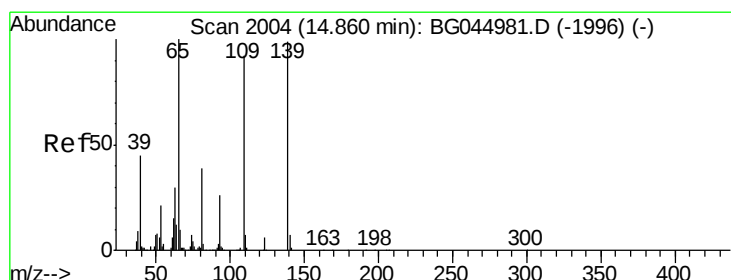
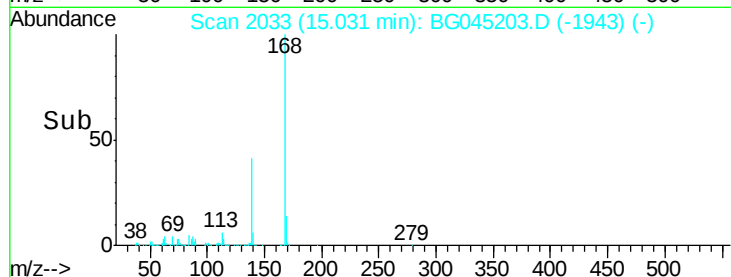
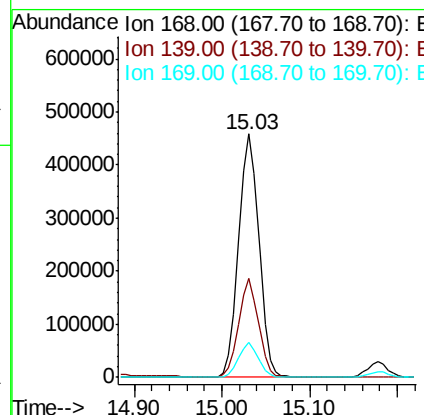
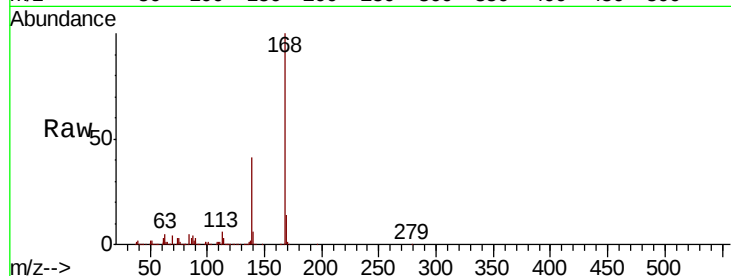
#55
Dibenzenofuran
Concen: 43.001 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.4	45.6
169	14.4	11.0	16.4

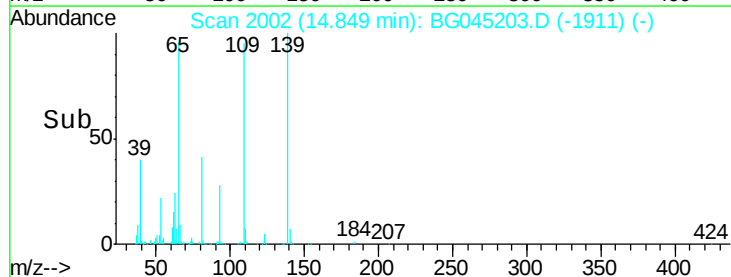
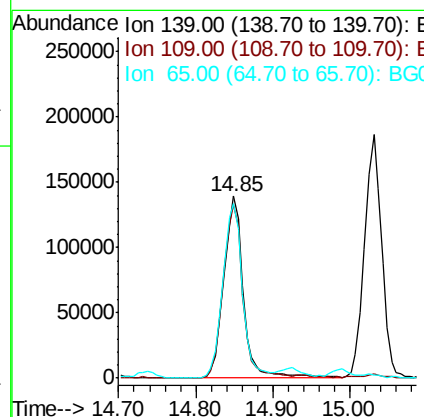
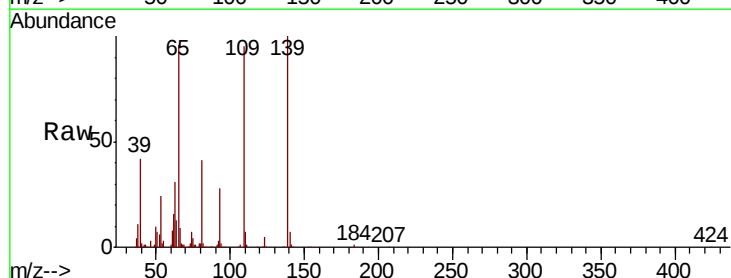
Manual Integrations
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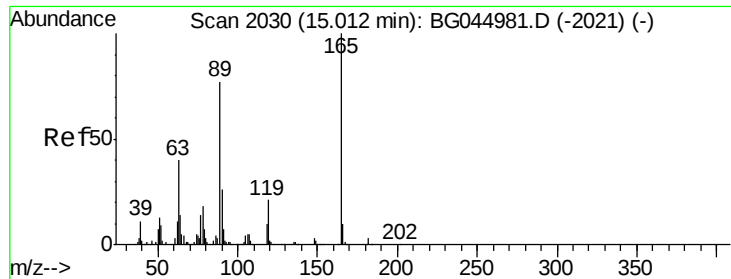
mohammad
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#56
4-Nitrophenol
Concen: 88.100 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.5	73.6	113.6
65	96.1	81.2	121.2





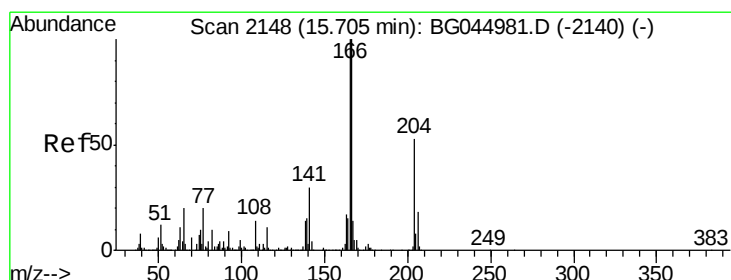
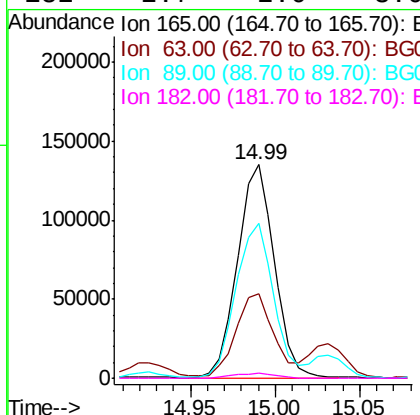
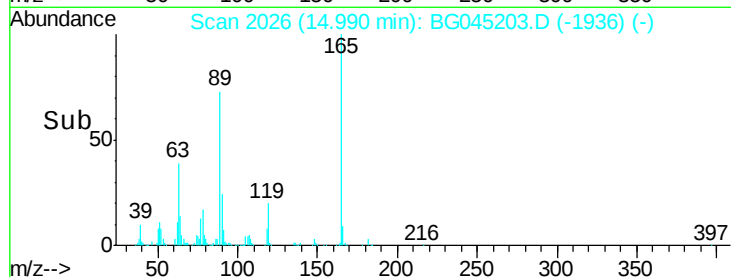
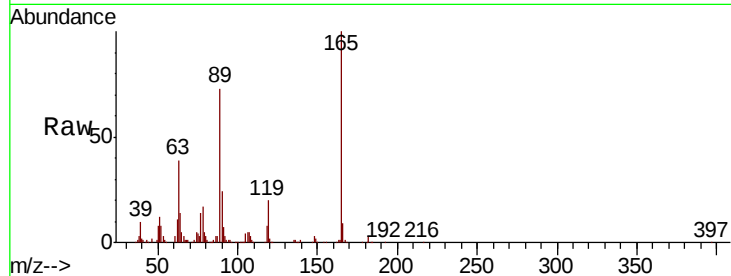
#57
 2,4-Dinitrotoluene
 Concen: 42.967 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		206406		
63	39.3		32.2	48.2	
89	72.6		61.7	92.5	
182	2.7		2.0	3.0	

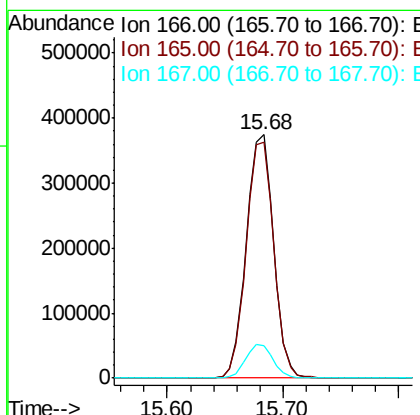
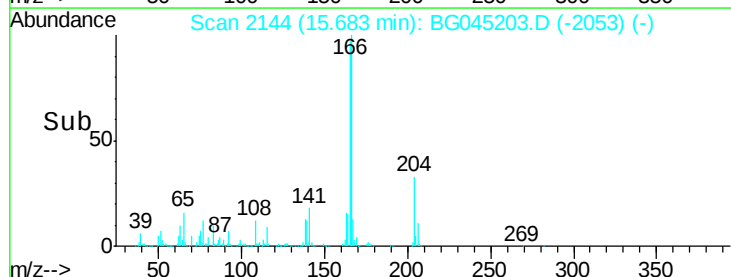
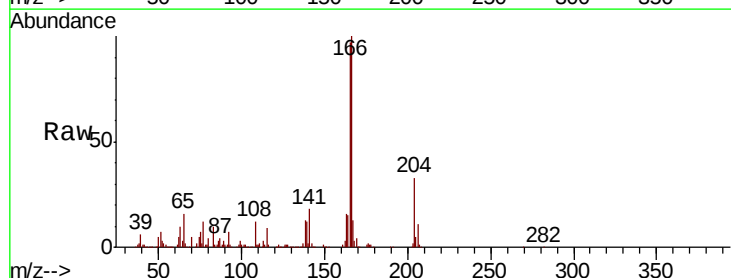
Manual Integrations
 APPROVED

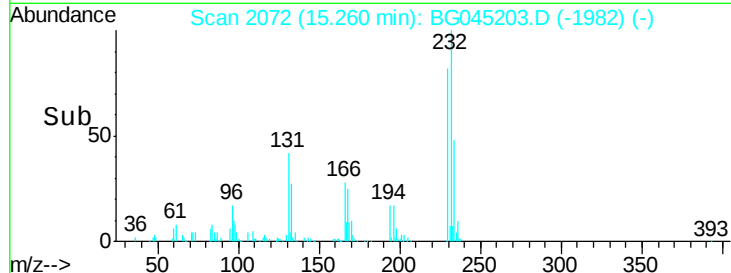
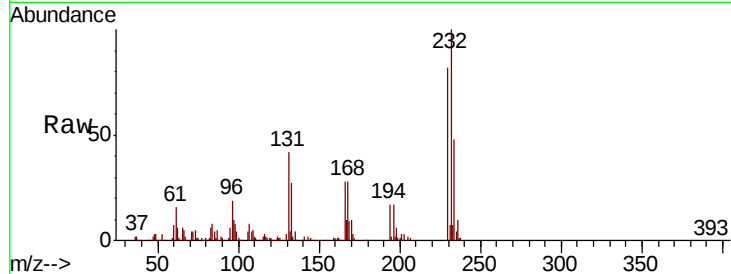
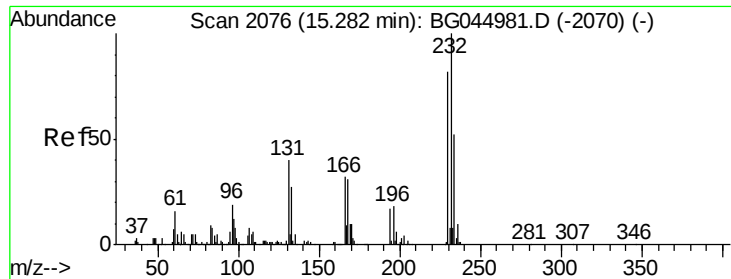
mohammad
 4/30/2020 1:37:41 PM



#58
 Fluorene
 Concen: 44.927 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		618063		
165	96.9		79.9	119.9	
167	13.2		11.4	17.0	





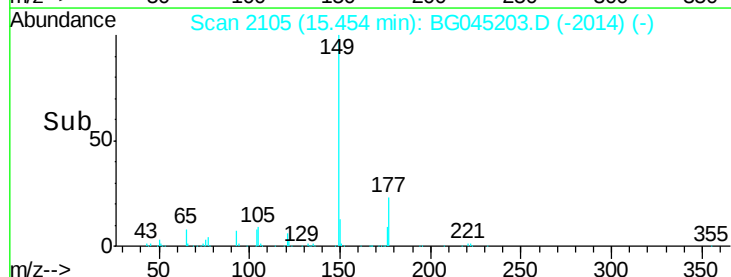
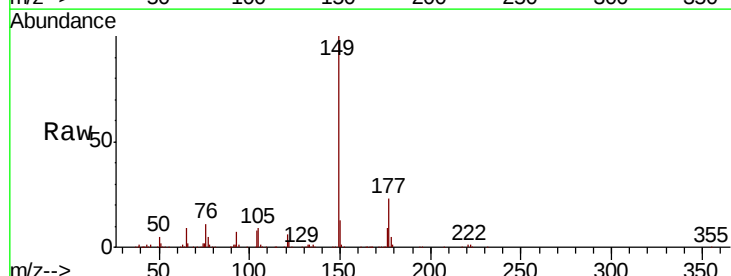
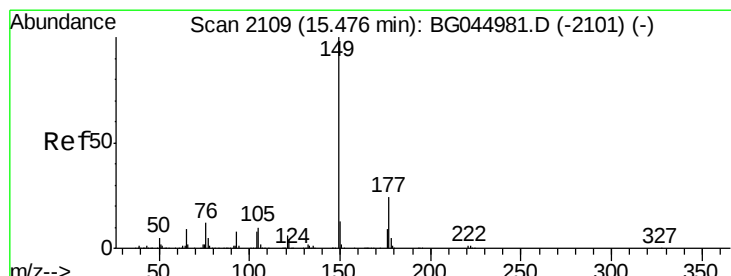
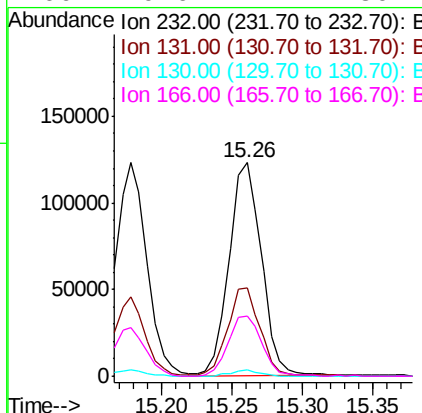
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.293 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	196450		
131	41.6	32.2	48.2	
130	2.6	2.2	3.2	
166	29.6	24.2	36.4	

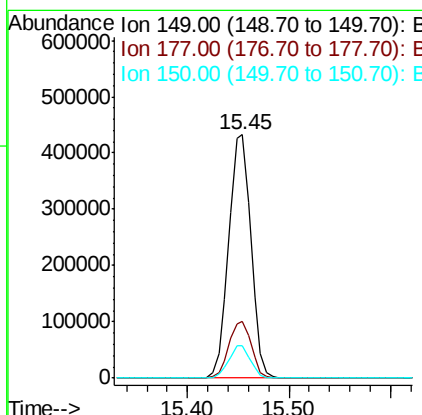
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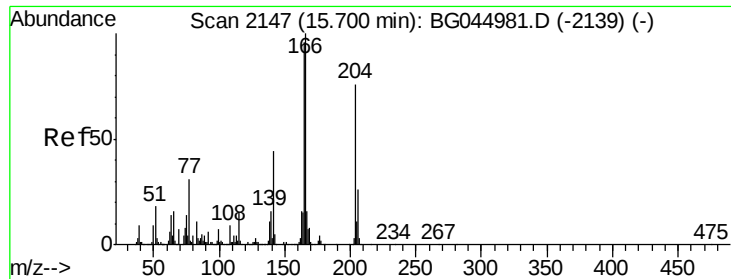
mohammad
4/30/2020 1:37:41 PM



#60
Diethylphthalate
Concen: 43.004 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	658929		
177	23.2	18.9	28.3	
150	13.1	10.6	15.8	





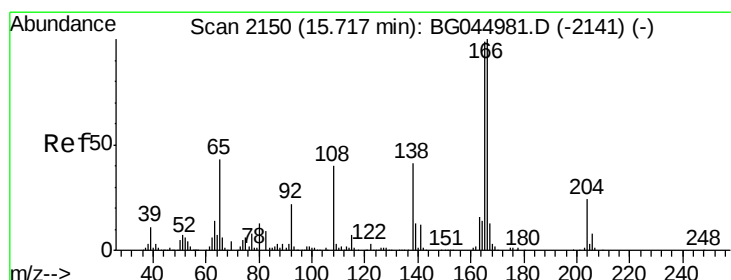
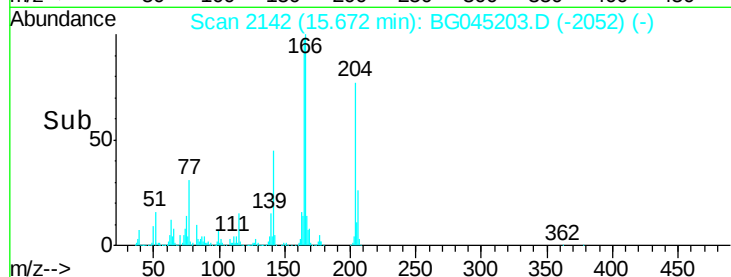
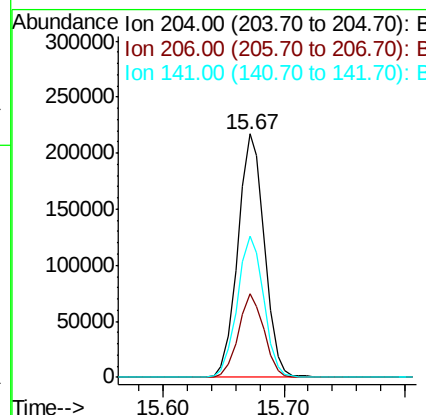
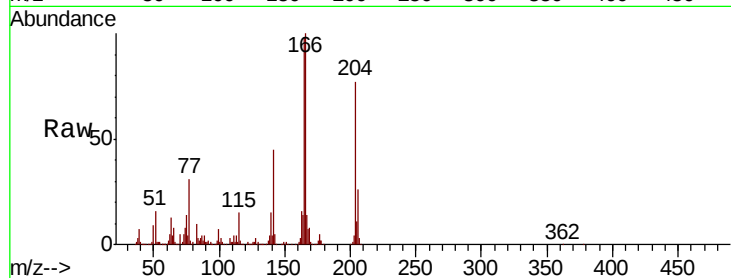
#61
 4-Chlorophenyl-phenylether
 Concen: 42.026 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleID :
 PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.2	26.9	40.3	
141	58.0	46.3	69.5	

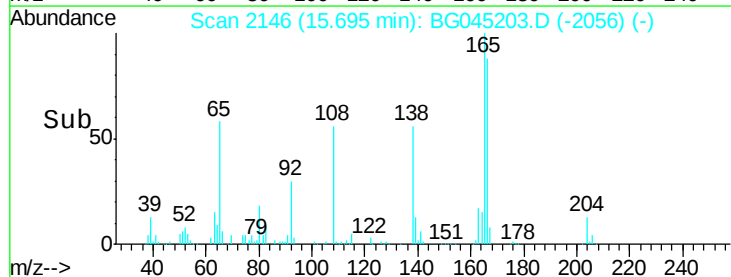
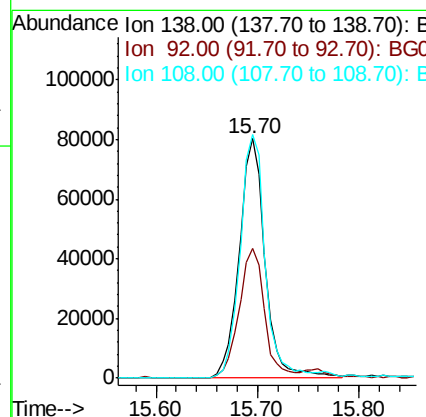
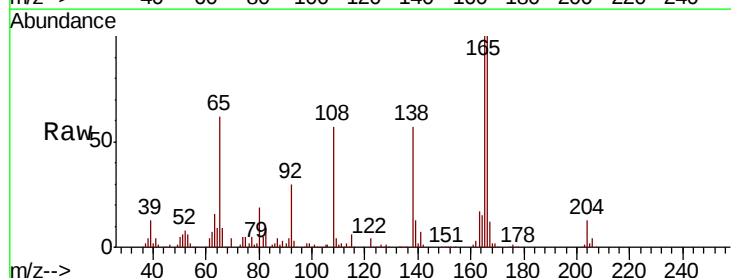
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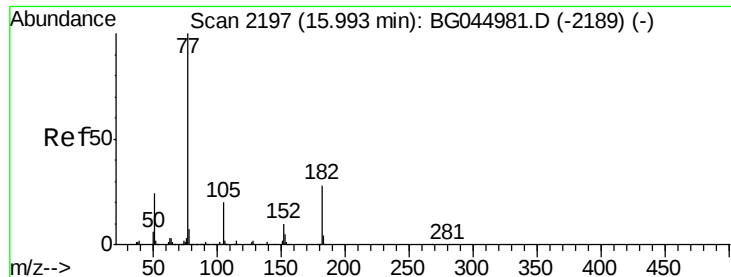
mohammad
 4/30/2020 1:37:41 PM



#62
 4-Nitroaniline
 Concen: 38.263 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.0	33.6	73.6	
108	101.6	78.2	118.2	





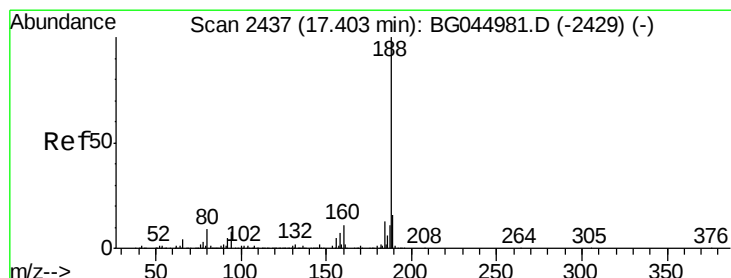
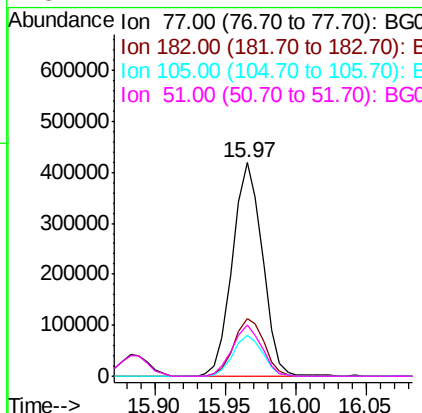
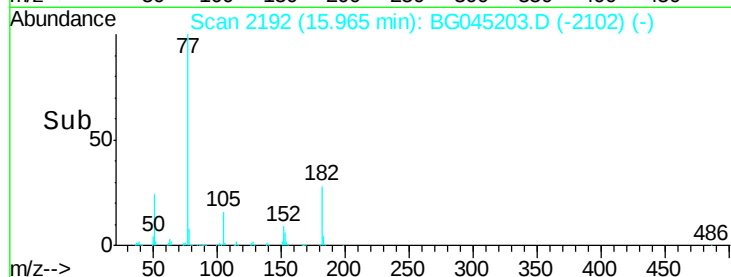
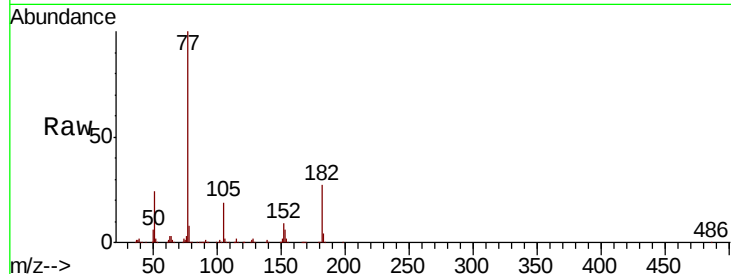
#63
Azobenzene
Concen: 43.876 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		619829		
182	27.3	8.4	48.4		
105	19.0	0.5	40.5		
51	24.2	4.4	44.4		

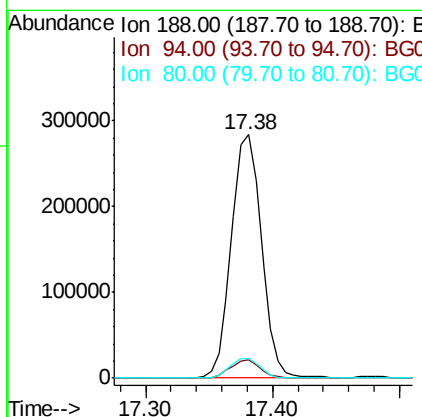
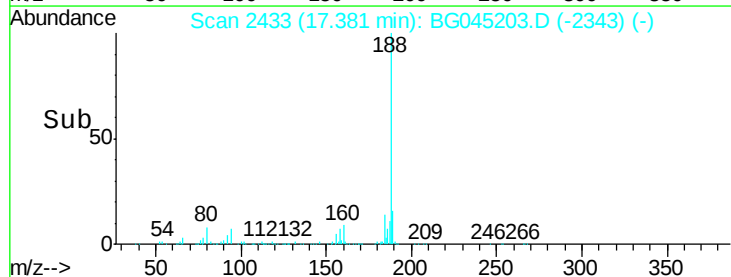
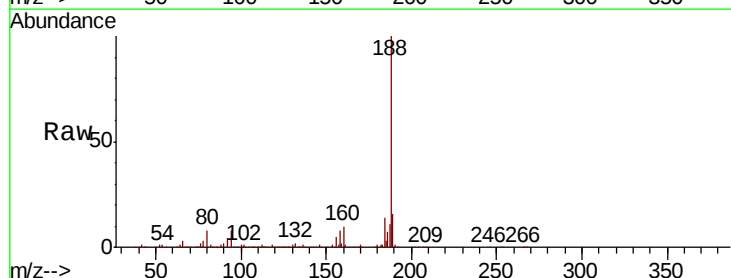
Manual Integrations
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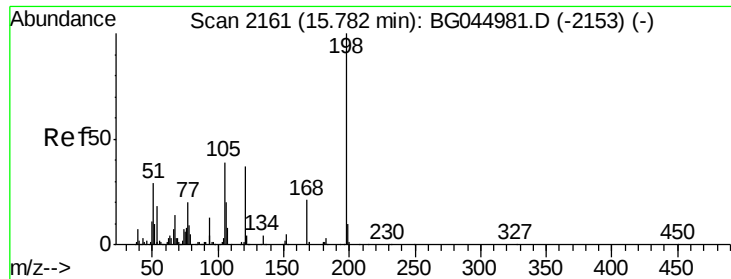
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		468012		
94	7.8	6.2	9.4		
80	8.1	7.0	10.6		





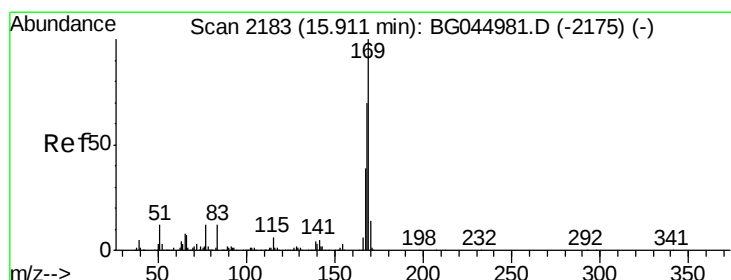
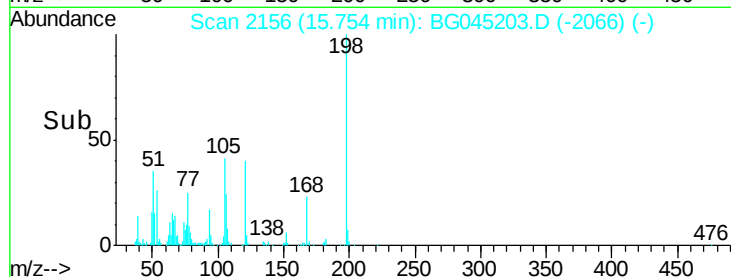
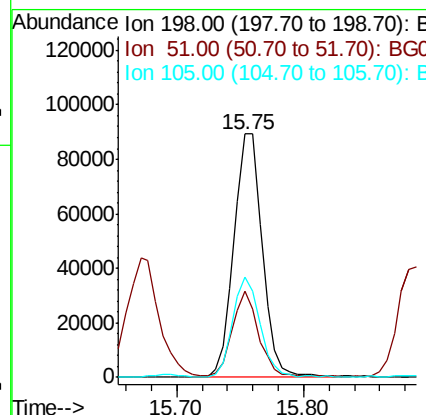
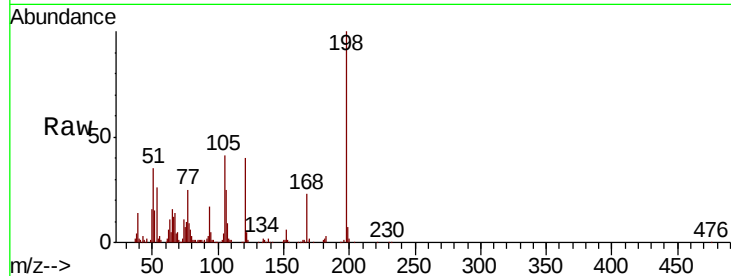
#65
4,6-Dinitro-2-methylphenol
Concen: 45.065 ng
RT: 15.75 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138632		
51	35.3	10.0	50.0	
105	41.3	18.9	58.9	

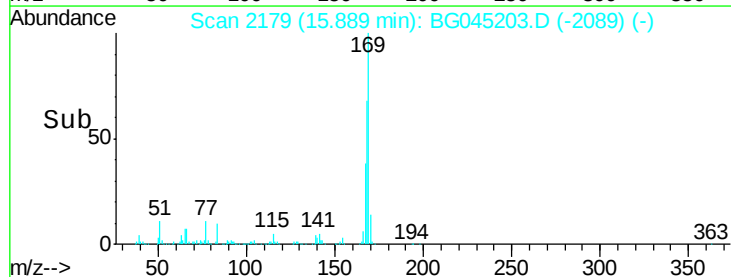
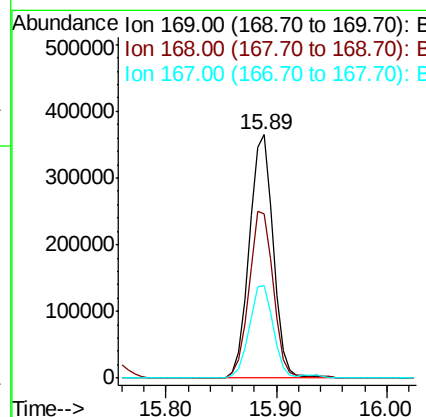
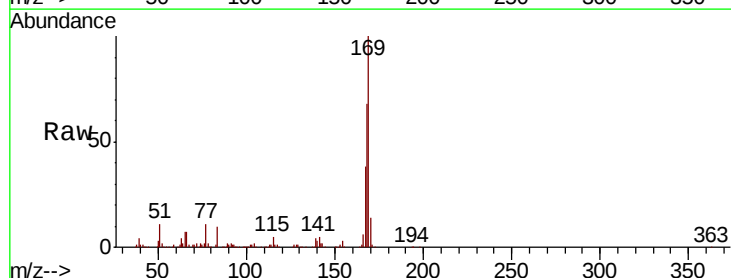
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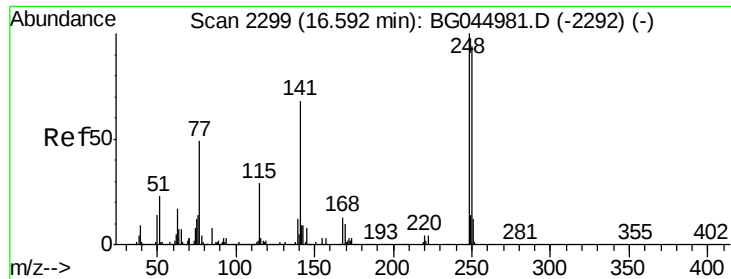
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#66
n-Nitrosodiphenylamine
Concen: 41.319 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	555613		
168	67.6	55.8	83.8	
167	38.0	30.8	46.2	





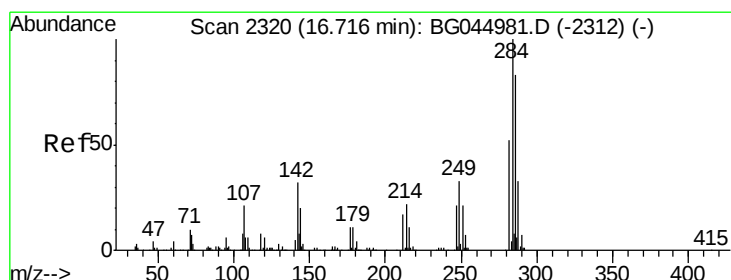
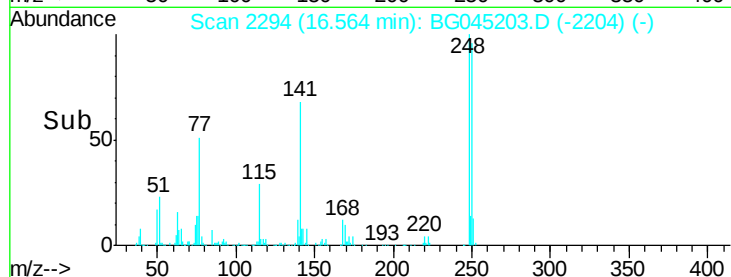
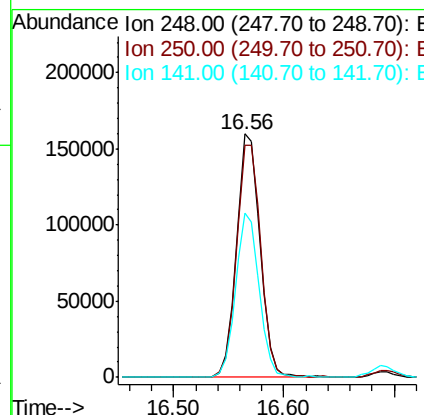
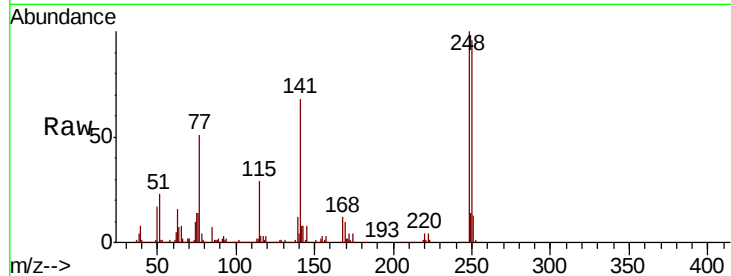
#67
4-Bromophenyl-phenylether
Concen: 39.719 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.4	113.2
141	67.7	54.4	81.6

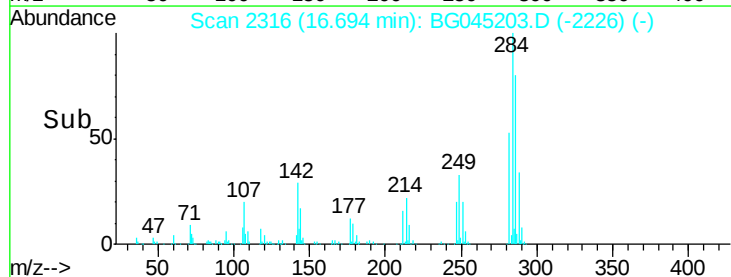
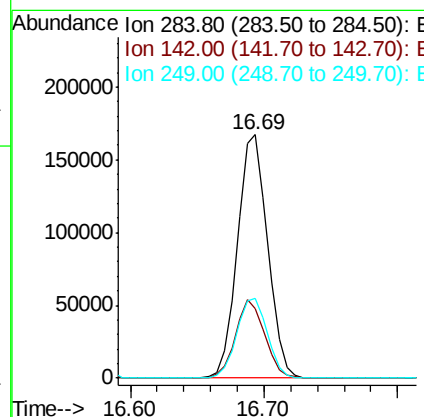
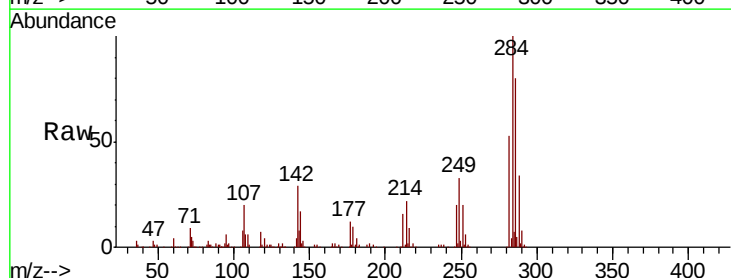
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#68
Hexachlorobenzene
Concen: 41.932 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.8	38.6
249	32.7	26.6	39.8





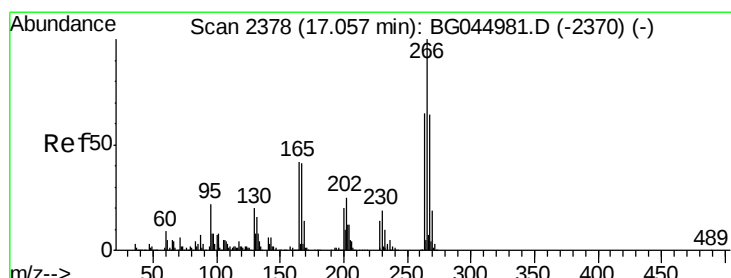
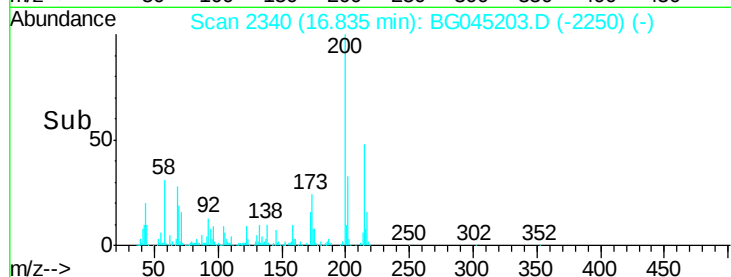
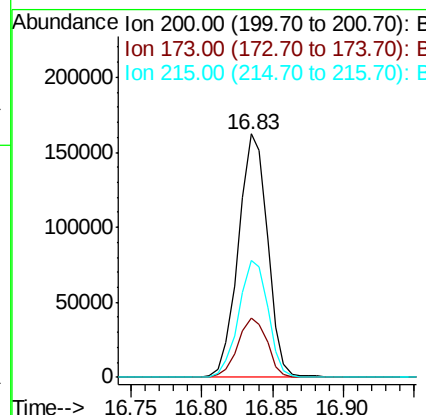
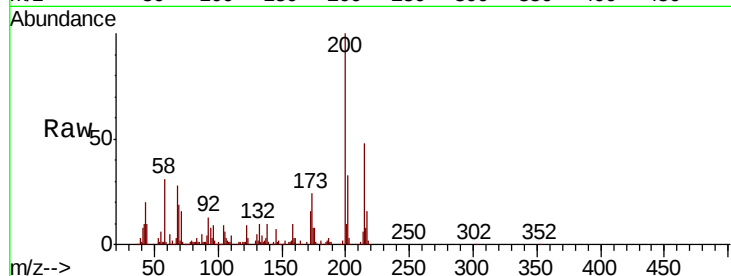
#69
Atrazine
Concen: 47.985 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	233792		
173	24.5		4.5	44.5
215	48.1		30.0	70.0

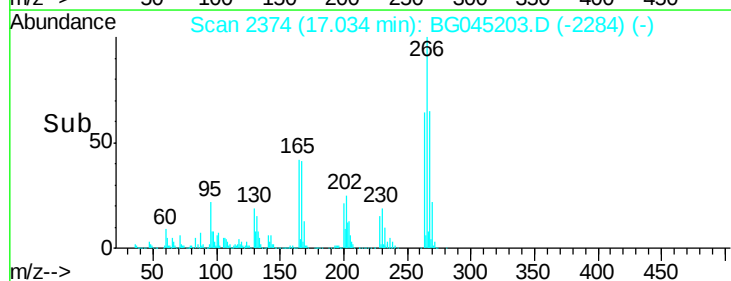
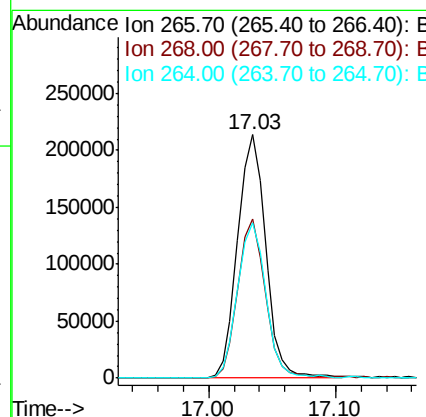
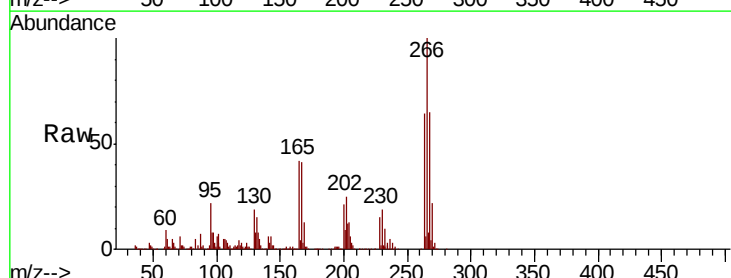
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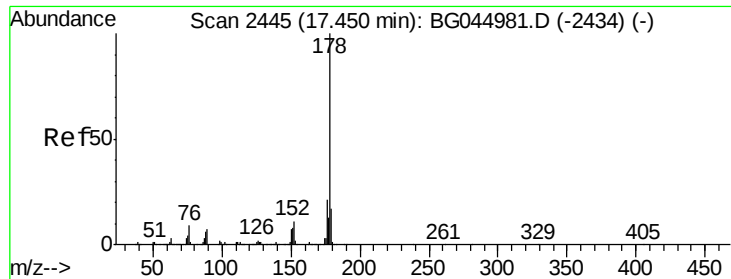
mohammad
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#70
Pentachlorophenol
Concen: 85.706 ng
RT: 17.03 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	329231		
268	65.3		51.5	77.3
264	63.6		52.2	78.4





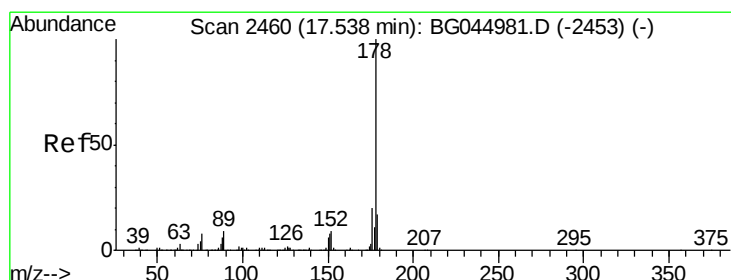
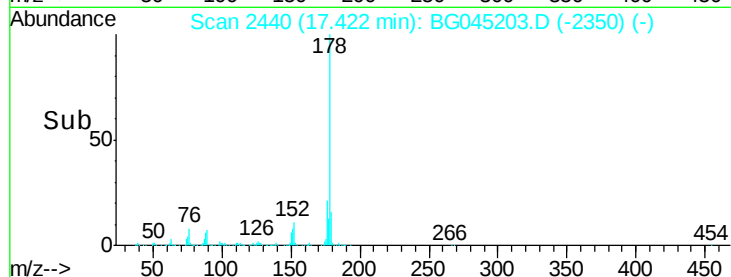
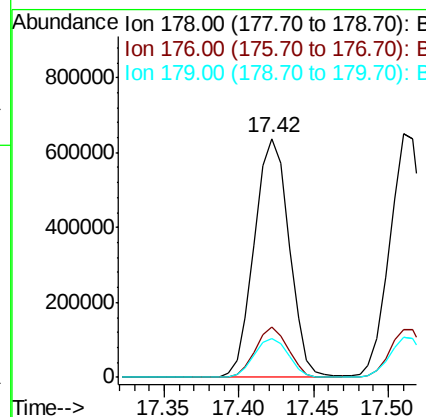
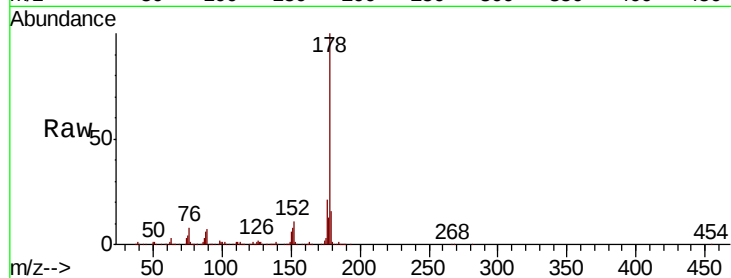
#71
Phenanthrene
Concen: 42.775 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.8	25.2
179	16.4	13.2	19.8

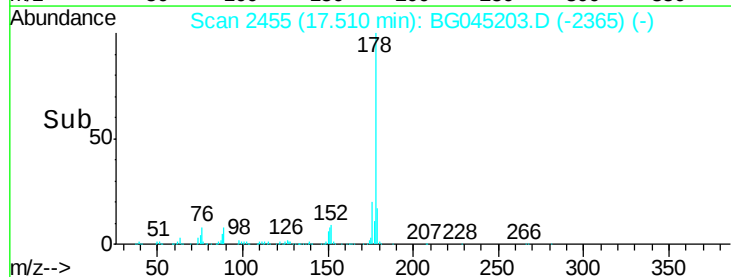
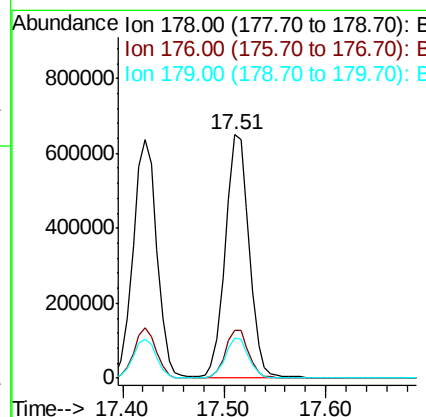
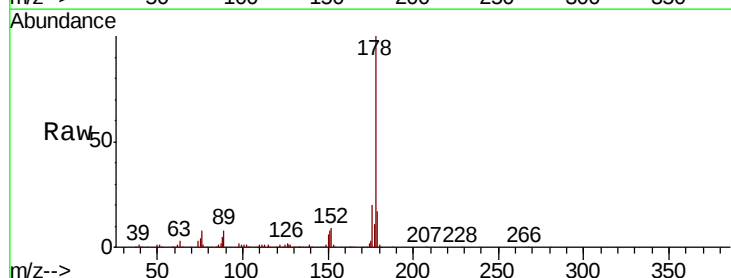
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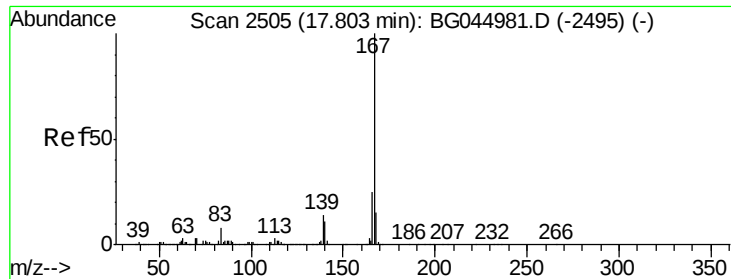
mohammad
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#72
Anthracene
Concen: 43.927 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.6	13.6	20.4





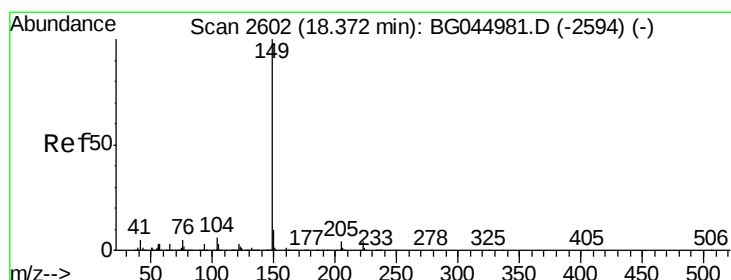
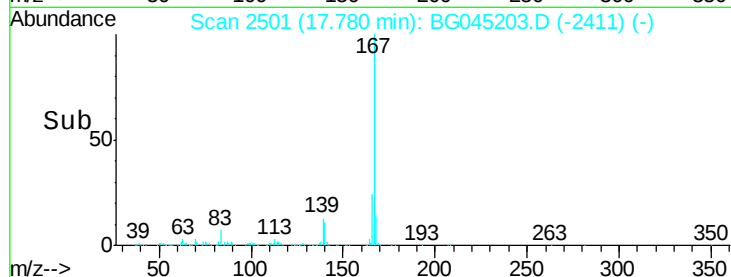
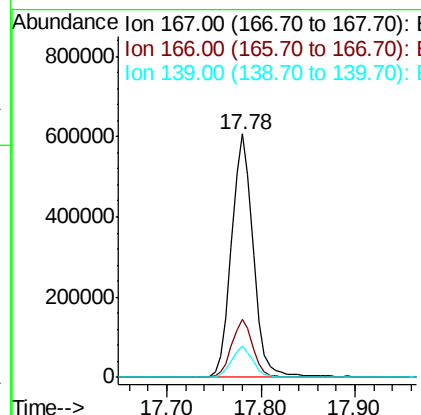
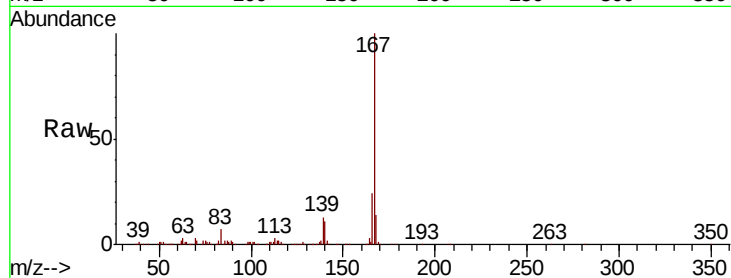
#73
 Carbazole
 Concen: 39.856 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.8	29.6
139	13.0	10.9	16.3

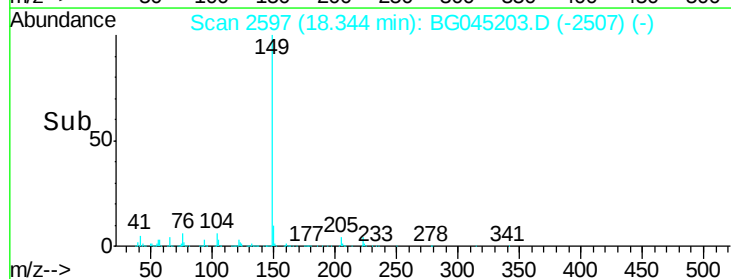
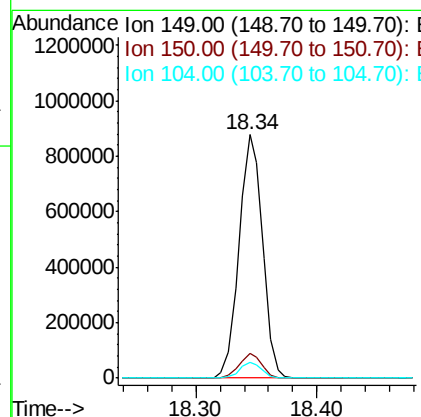
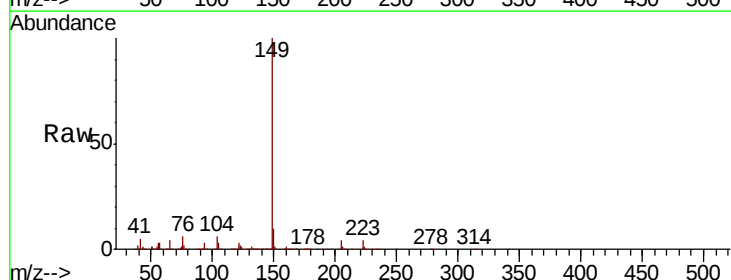
Manual Integrations
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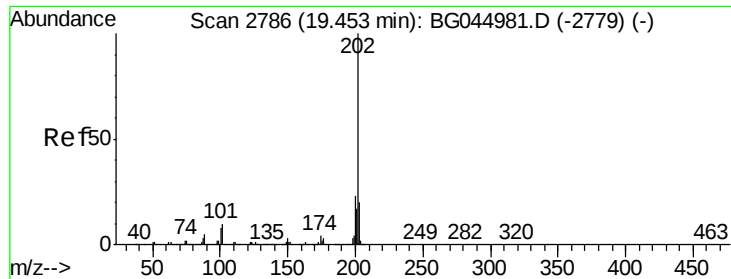
mohammad
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#74
 Di-n-butylphthalate
 Concen: 44.472 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 46.510 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

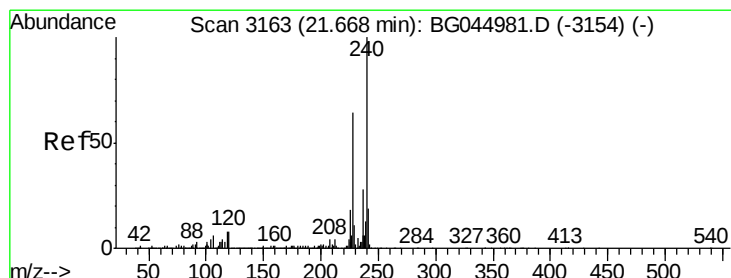
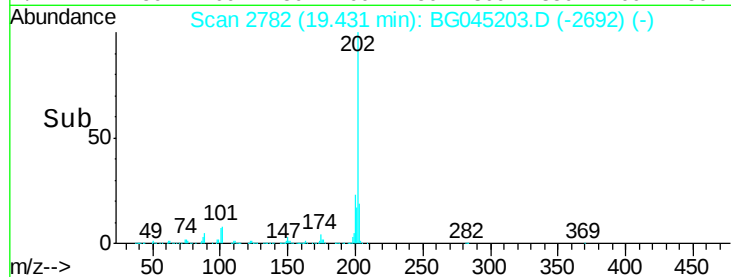
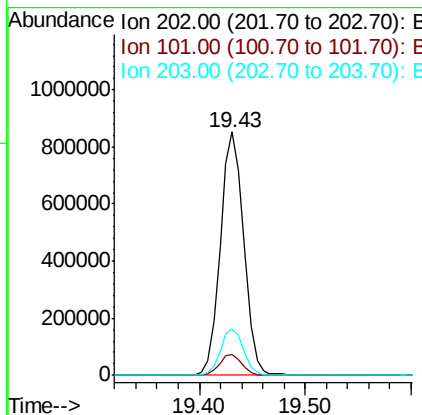
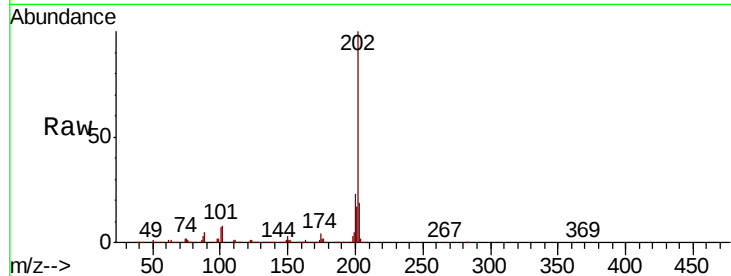
ClientSampleId :

PB128519BSD

Tot Ion:	202	Resp:	1308878
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.6
203	19.0	0.0	39.7

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#76

Chrysene-d12

Concen: 20.000 ng

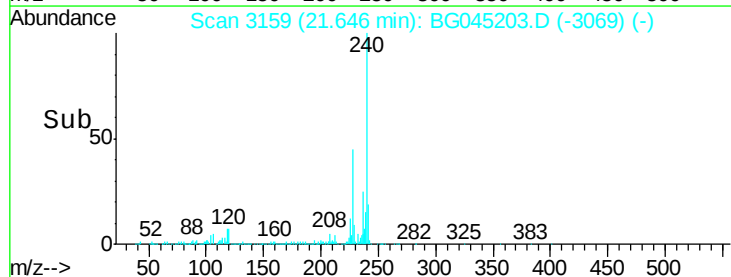
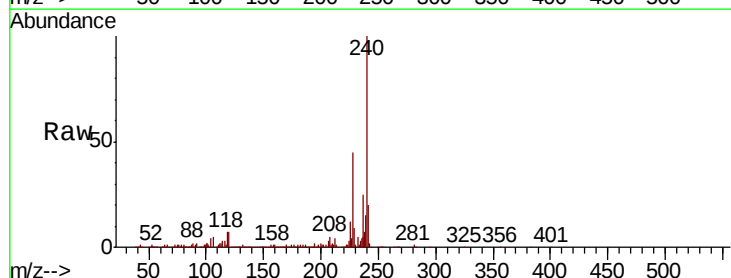
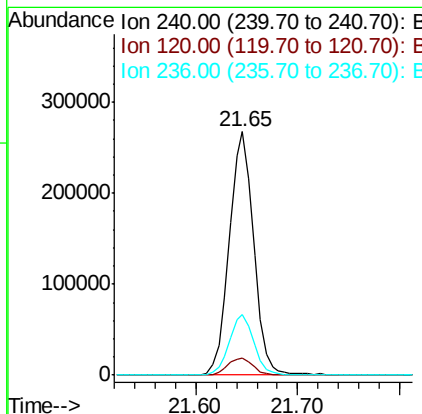
RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	240	Resp:	449070
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	25.0	22.2	33.2





#77

Benzidine

Concen: 34.064 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

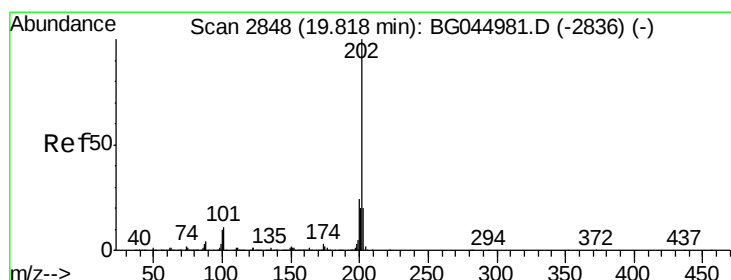
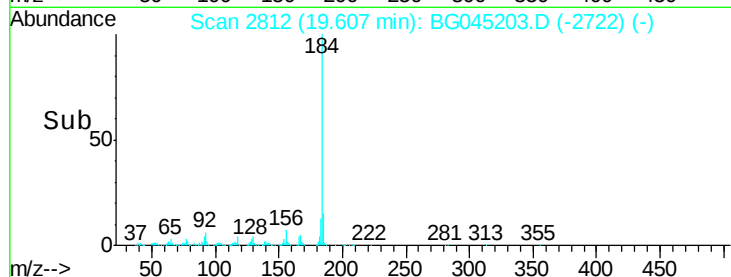
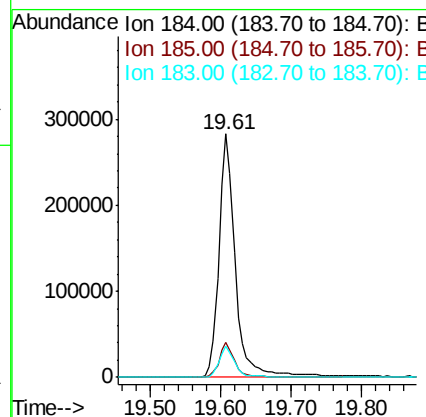
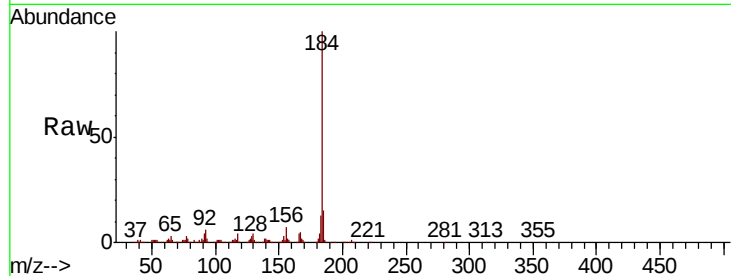
ClientSampleId :

PB128519BSD

Tot Ion:	184	Resp:	461894
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	19.0
183	13.0	11.3	16.9

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#78

Pyrene

Concen: 41.572 ng

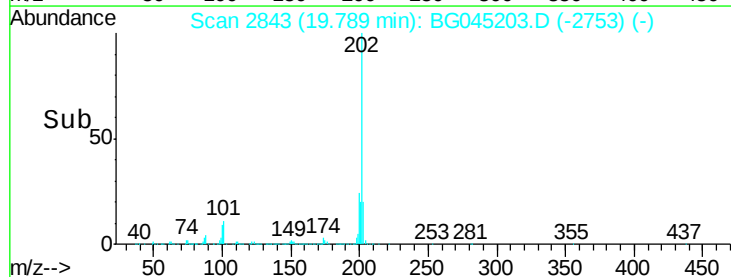
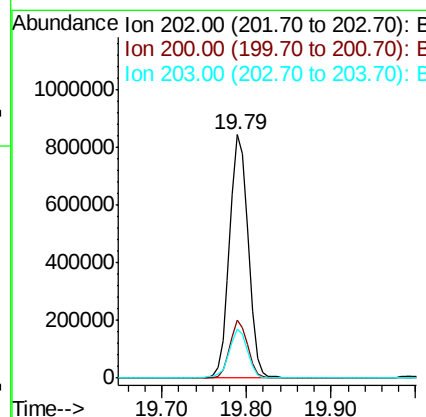
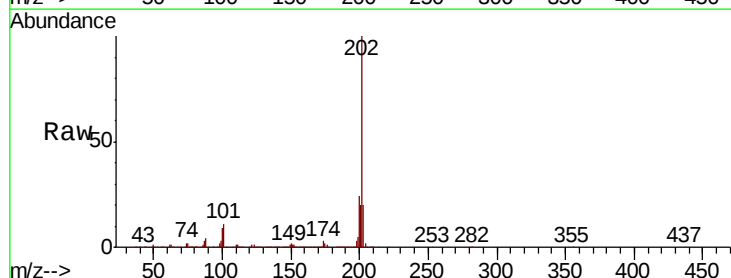
RT: 19.79 min Scan# 2843

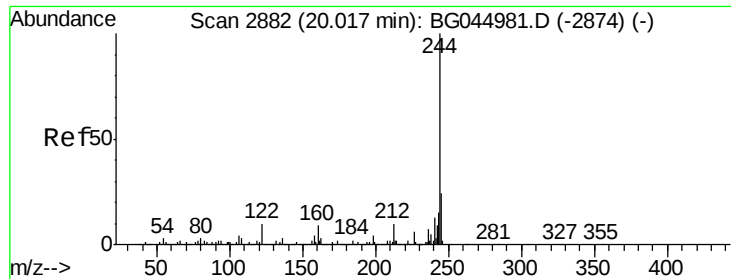
Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Tgt Ion:	202	Resp:	1287037
Ion Ratio	Lower	Upper	
202	100		
200	23.6	19.0	28.6
203	20.0	16.1	24.1





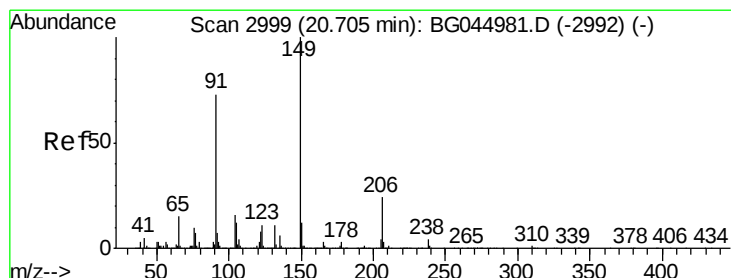
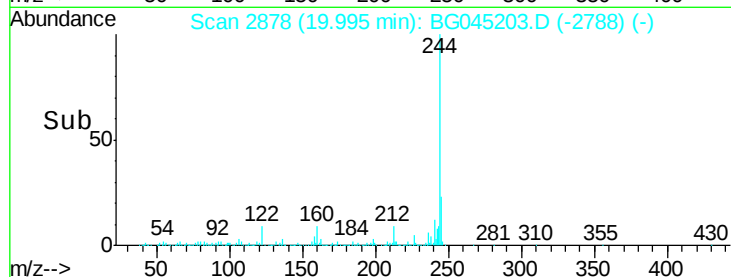
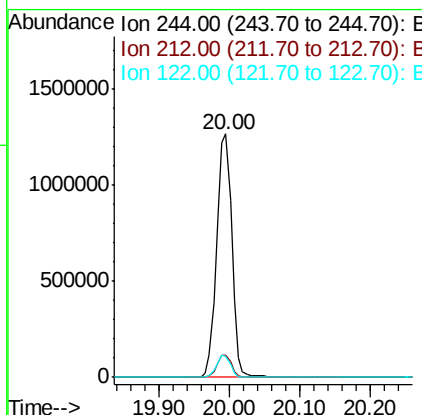
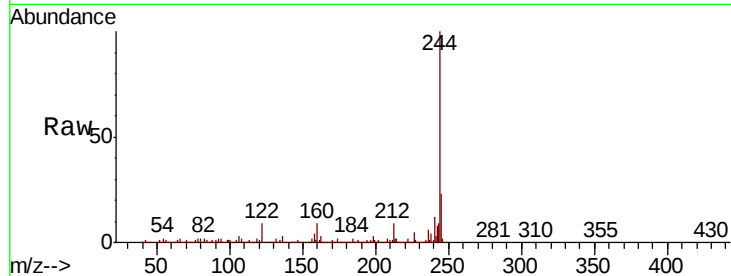
#79
 Terphenyl-d14
 Concen: 92.406 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.9	11.9
122	8.6	7.7	11.5

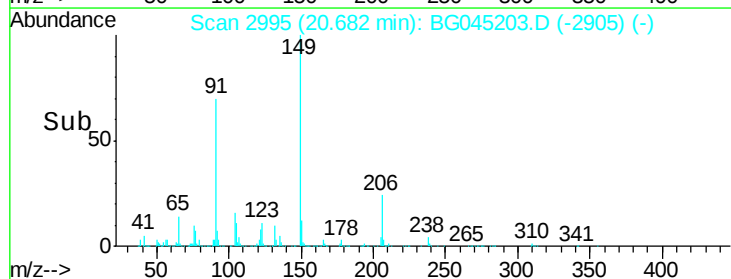
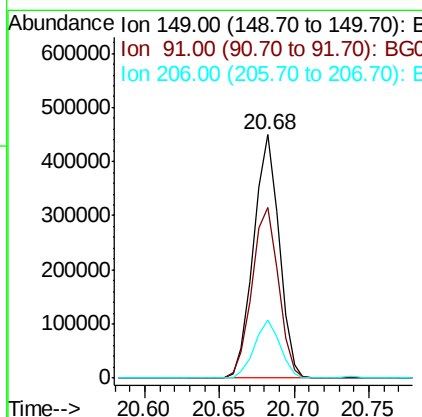
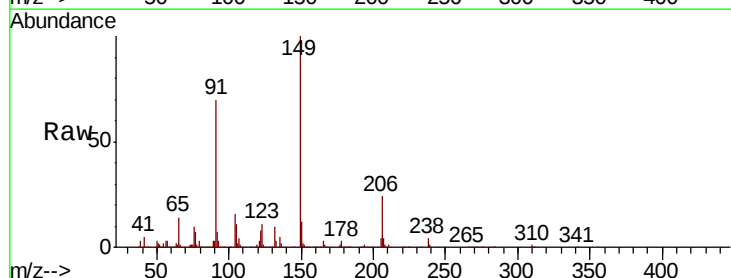
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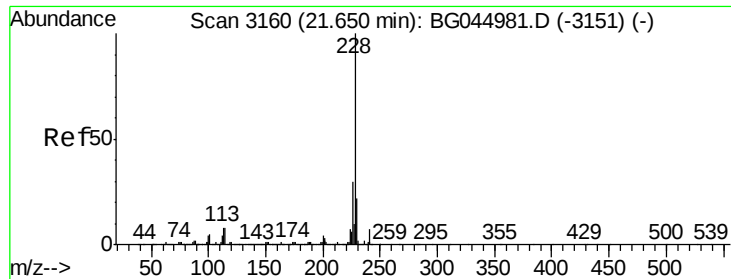
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#80
 Butylbenzylphthalate
 Concen: 41.331 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG045203.D
 Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	58.5	87.7
206	24.1	19.2	28.8





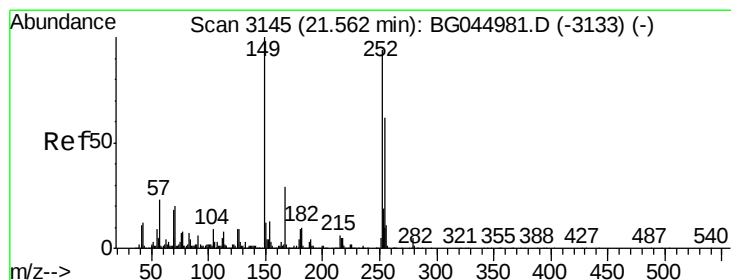
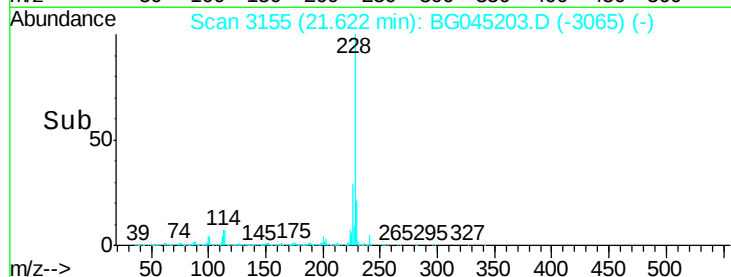
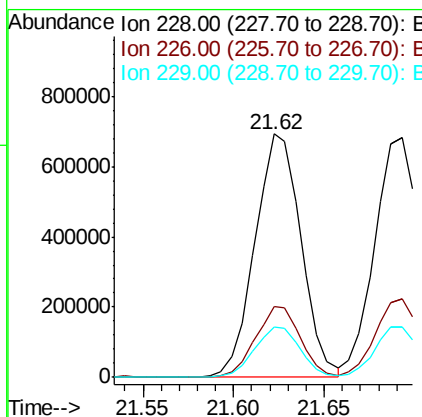
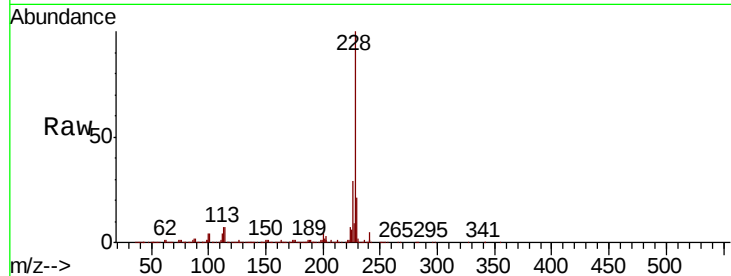
#81
Benzo(a)anthracene
Concen: 42.114 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.8	17.5	26.3

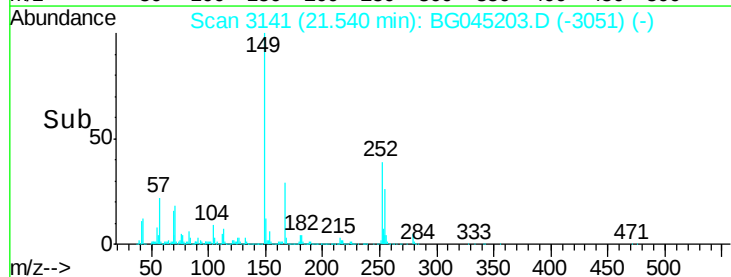
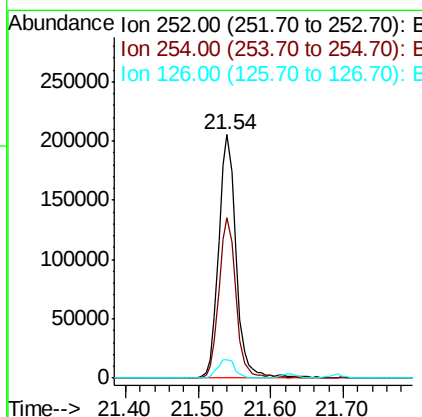
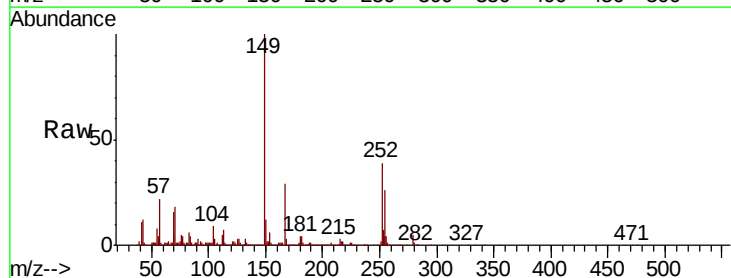
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#82
3,3'-Dichlorobenzidine
Concen: 29.846 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.6	79.0
126	7.7	7.5	11.3





#83

Chrysene

Concen: 43.047 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

Tot Ion:228 Resp: 1203832

Ion Ratio Lower Upper

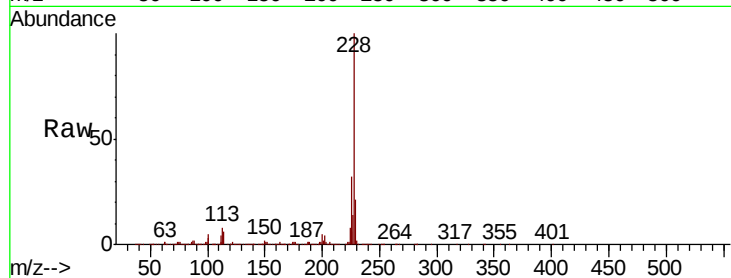
228 100

226 32.4 26.2 39.4

229 20.9 17.0 25.6

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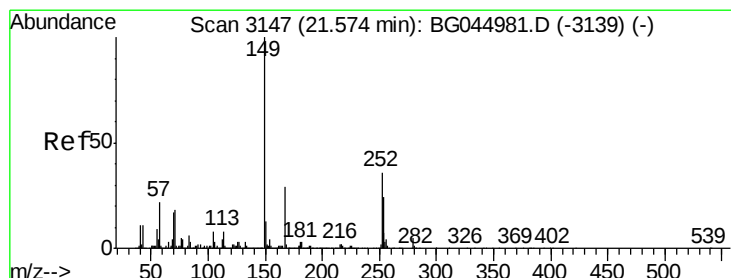
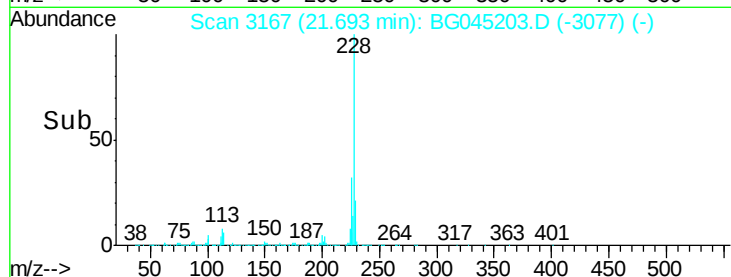
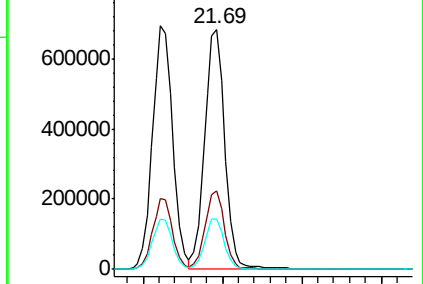
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.375 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

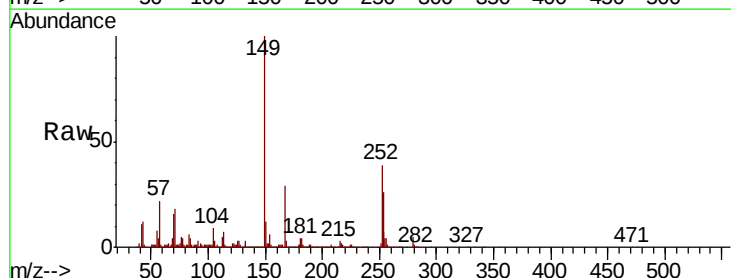
Tgt Ion:149 Resp: 747912

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

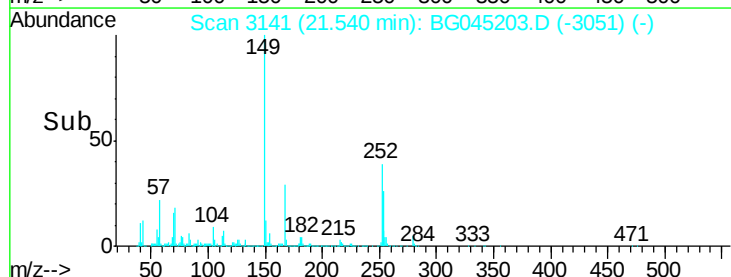
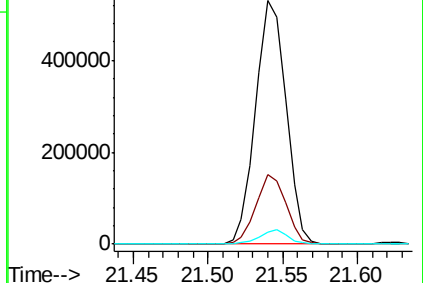
279 5.0 4.3 6.5

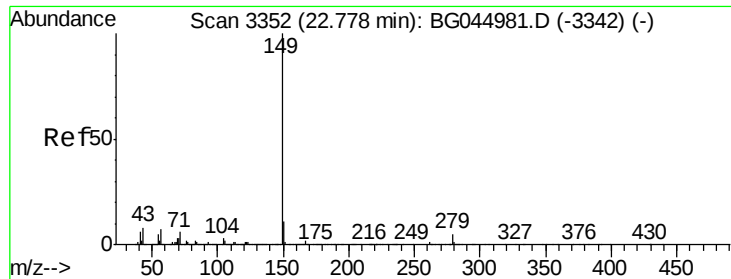


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.949 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

Instrument :

BNA_G

ClientSampleId :

PB128519BSD

Tot Ion:149 Resp: 1280309

Ion Ratio Lower Upper

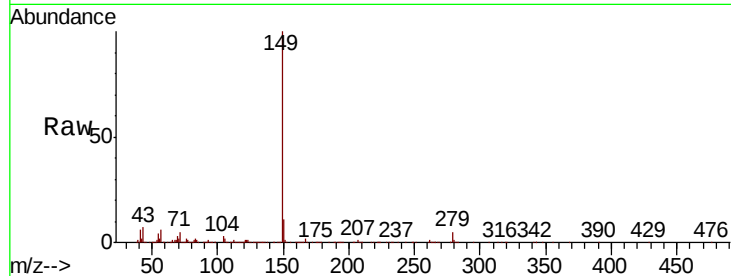
149 100

167 1.8 1.4 2.2

43 7.0 5.7 8.5

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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

22.74

800000

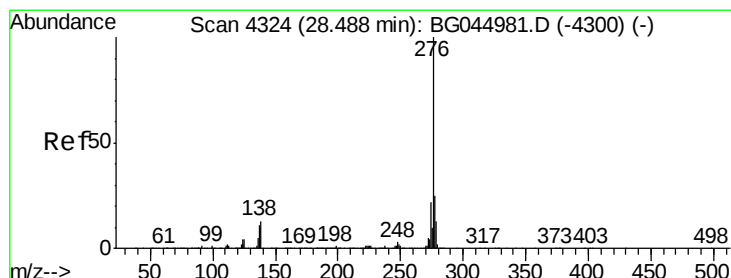
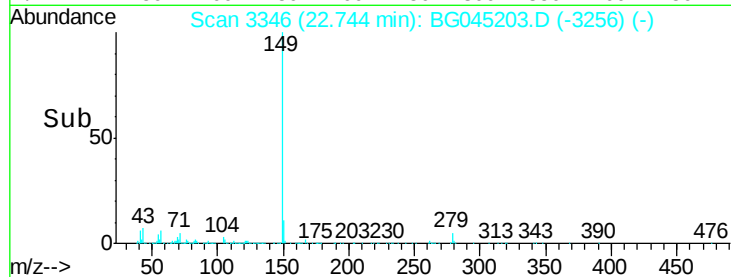
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.557 ng

RT: 28.42 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG045203.D

Acq: 29 Apr 2020 13:40

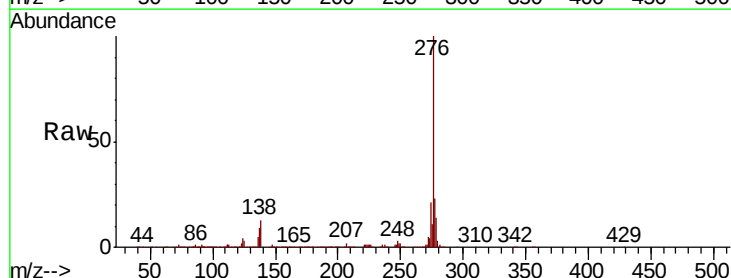
Tgt Ion:276 Resp: 1580117

Ion Ratio Lower Upper

276 100

138 10.6 9.6 14.4

277 25.6 20.6 31.0



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

28.42

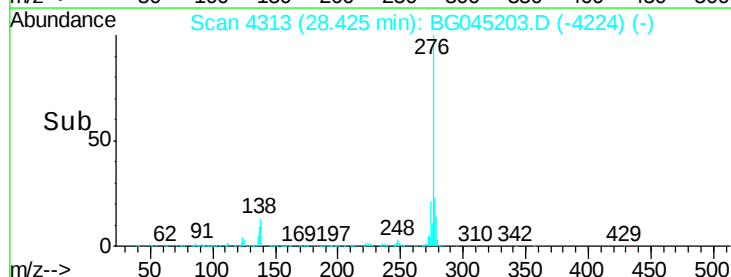
300000

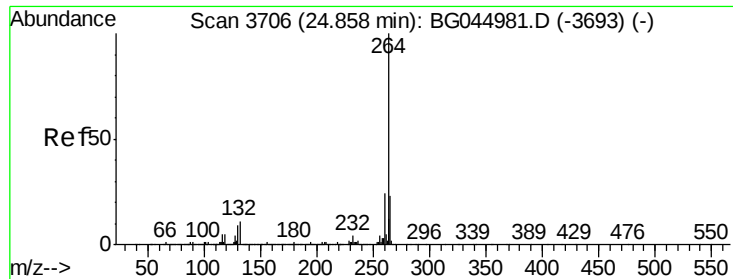
200000

100000

0

Time-->





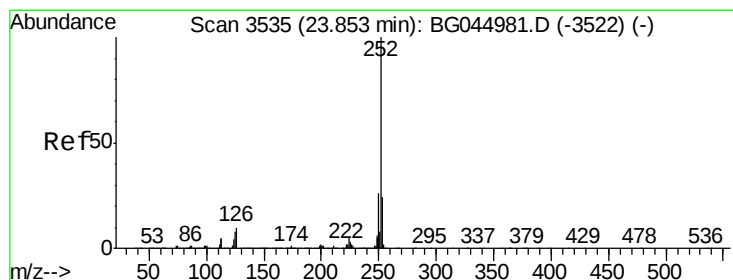
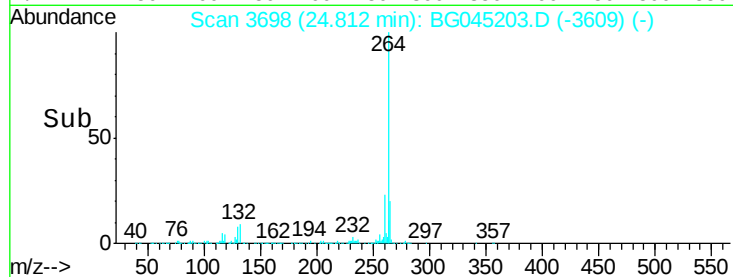
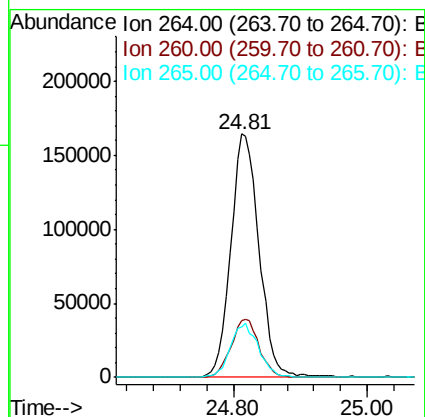
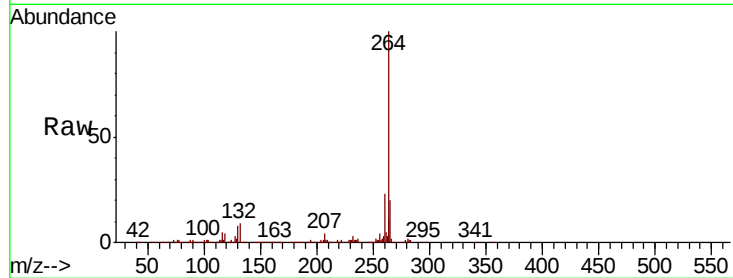
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.5	19.0	28.4

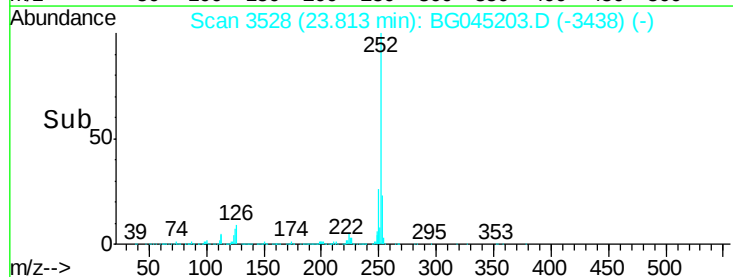
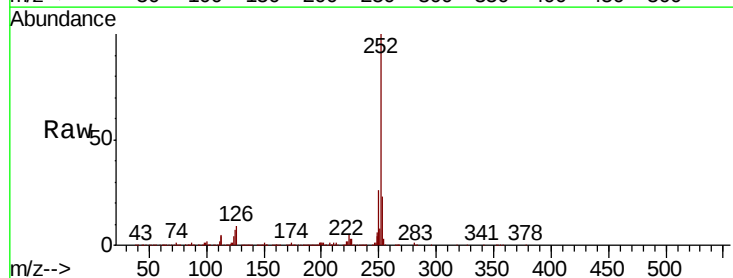
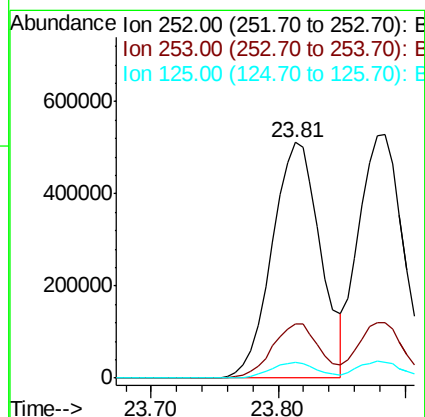
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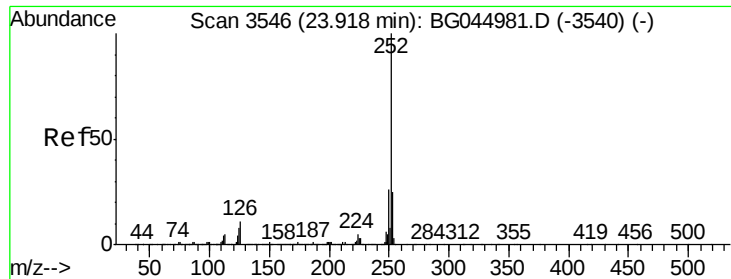
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#88
Benzo(b)fluoranthene
Concen: 44.668 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.8	28.2
125	6.8	6.2	9.4





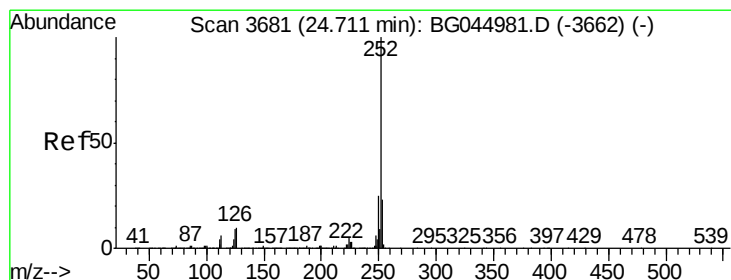
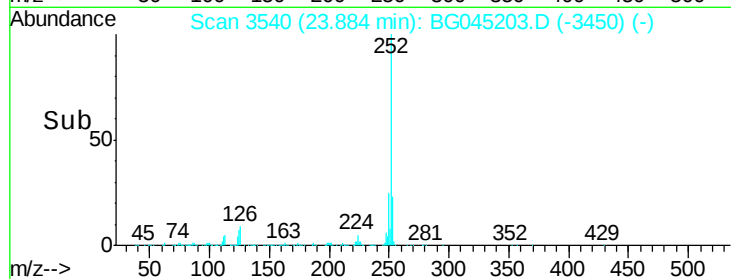
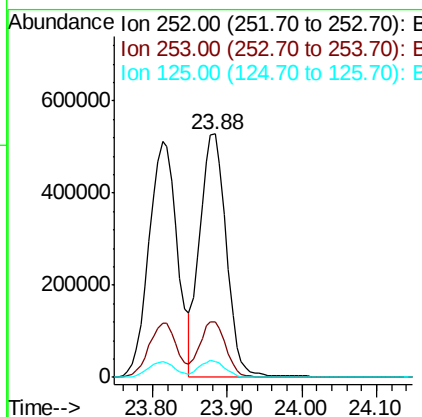
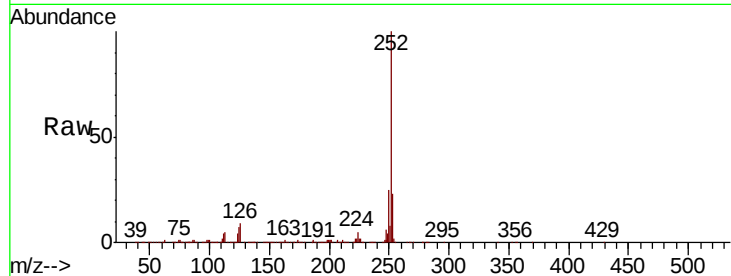
#89
Benzo(k)fluoranthene
Concen: 45.122 ng
RT: 23.88 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	6.7	5.9	8.9

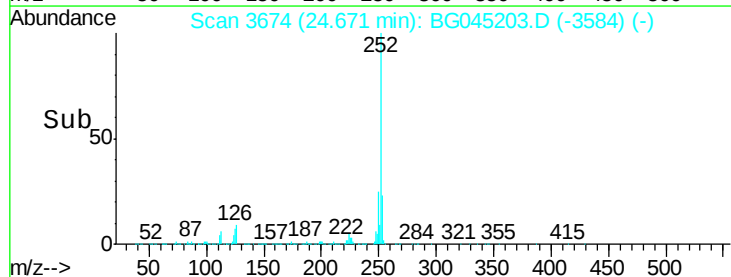
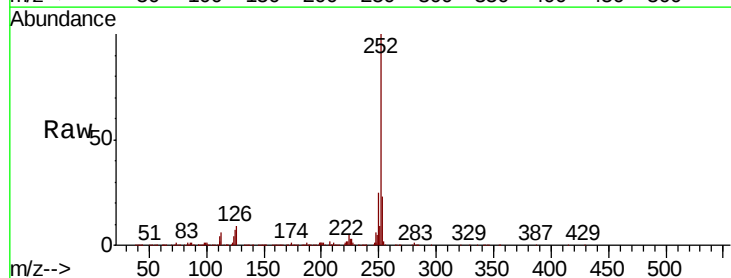
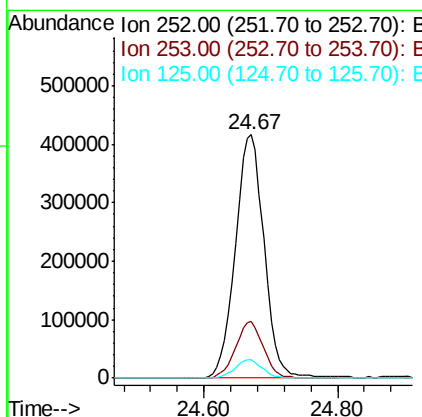
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#90
Benzo(a)pyrene
Concen: 43.212 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.3	7.0	10.6





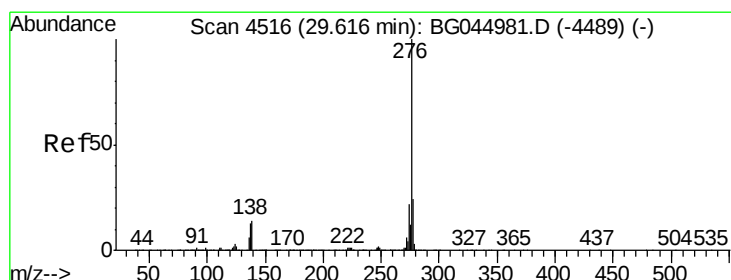
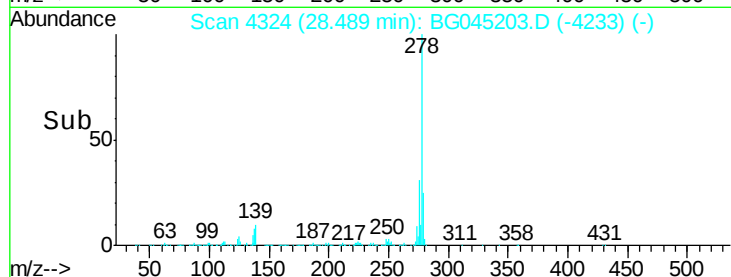
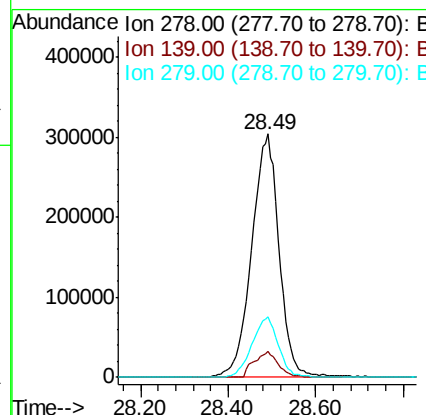
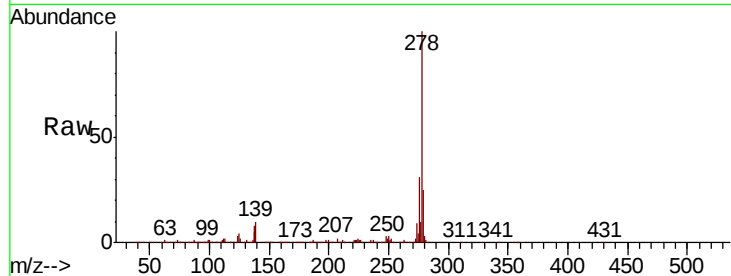
#91
Dibenzo(a,h)anthracene
Concen: 44.626 ng
RT: 28.49 min Scan# 4324
Delta R.T. 0.00 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.0	13.6
279	24.7	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.057 ng
RT: 29.55 min Scan# 4504
Delta R.T. -0.01 min
Lab File: BG045203.D
Acq: 29 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	14.2	11.4	17.2

