

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044543.D
 Acq On : 21 Feb 2020 11:01
 Operator : CG/JU
 Sample : PB126933BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Manual Integrations
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mohammad
 2/24/2020 3:30:14 PM

Quant Time: Feb 21 16:16:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	51708	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	213230	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	144544	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	348006	20.00	ng	0.00
76) Chrysene-d12	21.51	240	344861	20.00	ng	0.00
87) Perylene-d12	24.58	264	365460	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	385694	131.64	ng	0.00
7) Phenol-d6	7.06	99	515843	131.11	ng	0.00
23) Nitrobenzene-d5	9.04	82	270178	71.53	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	229242	135.10	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	658335	76.27	ng	0.00
79) Terphenyl-d14	19.88	244	1222293	72.90	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.33	88	53255	40.456 ng	98
3) Pyridine	3.73	79	123516	35.218 ng	98
4) n-Nitrosodimethylamine	3.64	42	59111	40.334 ng	99
6) Aniline	7.20	93	163076	33.392 ng	97
8) 2-Chlorophenol	7.45	128	151551	47.065 ng	99
9) Benzaldehyde	7.01	77	67103	29.946 ng	97
10) Phenol	7.08	94	185848	47.730 ng	97
11) bis(2-Chloroethyl)ether	7.30	93	137676	41.358 ng	99
12) 1,3-Dichlorobenzene	7.77	146	160298	41.694 ng	99
13) 1,4-Dichlorobenzene	7.92	146	162199	42.596 ng	98
14) 1,2-Dichlorobenzene	8.23	146	152428	42.351 ng	99
15) Benzyl Alcohol	8.12	79	123130	44.205 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	178848	39.695 ng	98
17) 2-Methylphenol	8.33	107	130169	46.855 ng	99
18) Hexachloroethane	8.96	117	57986	40.581 ng	97
19) n-Nitroso-di-n-propylamine	8.69	70	106735	40.706 ng	99
20) 3+4-Methylphenols	8.66	107	178546	46.634 ng	98
22) Acetophenone	8.70	105	206822	39.871 ng	# 99
24) Nitrobenzene	9.08	77	154797	41.982 ng	98
25) Isophorone	9.60	82	302430	42.961 ng	100
26) 2-Nitrophenol	9.79	139	87353	45.657 ng	98
27) 2,4-Dimethylphenol	9.86	122	145649	53.929 ng	98
28) bis(2-Chloroethoxy)methane	10.09	93	189778	40.412 ng	99
29) 2,4-Dichlorophenol	10.34	162	152589	46.725 ng	98
30) 1,2,4-Trichlorobenzene	10.55	180	154272	41.199 ng	99
31) Naphthalene	10.73	128	455200	44.001 ng	99
32) Benzoic acid	10.02	122	40903	30.376 ng	96
33) 4-Chloroaniline	10.84	127	130442	27.724 ng	99
34) Hexachlorobutadiene	11.02	225	90446	39.254 ng	97
35) Caprolactam	11.60	113	60150m	50.281 ng	
36) 4-Chloro-3-methylphenol	11.98	107	161084	47.047 ng	98
37) 2-Methylnaphthalene	12.34	142	340935	44.386 ng	99
38) 1-Methylnaphthalene	12.56	142	322588	44.546 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	169841	39.281 ng	98

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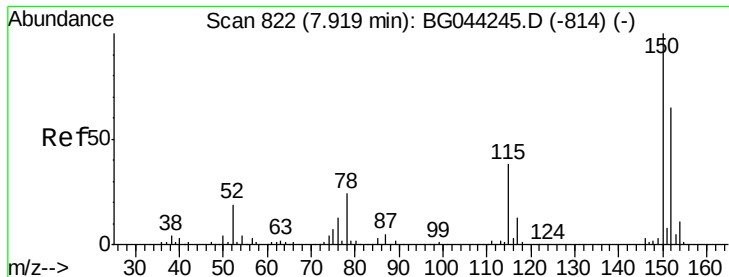
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 2/24/2020 3:30:14 PM

Quant Time: Feb 21 16:16:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	166809	80.402	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	122127	43.698	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	132477	46.408	ng	99
46) 1,1'-Biphenyl	13.35	154	439164	42.122	ng	98
47) 2-Chloronaphthalene	13.39	162	340666	41.061	ng	98
48) 2-Nitroaniline	13.59	65	102511	41.867	ng	93
49) Acenaphthylene	14.24	152	548824	45.101	ng	98
50) Dimethylphthalate	13.98	163	456304	43.917	ng	99
51) 2,6-Dinitrotoluene	14.09	165	102604	44.289	ng	97
52) Acenaphthene	14.59	154	334971	42.469	ng	99
53) 3-Nitroaniline	14.42	138	78284	30.543	ng	99
54) 2,4-Dinitrophenol	14.64	184	121599	87.764	ng	93
55) Dibenzofuran	14.92	168	533689	44.690	ng	97
56) 4-Nitrophenol	14.75	139	191261	101.873	ng	100
57) 2,4-Dinitrotoluene	14.88	165	149424	46.019	ng	97
58) Fluorene	15.57	166	428429	45.549	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	120290	46.652	ng	97
60) Diethylphthalate	15.34	149	467658	45.171	ng	98
61) 4-Chlorophenyl-phenylether	15.56	204	223101	43.746	ng	99
62) 4-Nitroaniline	15.59	138	109902	42.912	ng	97
63) Azobenzene	15.85	77	405092	44.644	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	93843	48.851	ng	95
66) n-Nitrosodiphenylamine	15.78	169	406988	41.731	ng	100
67) 4-Bromophenyl-phenylether	16.46	248	151047	39.839	ng	98
68) Hexachlorobenzene	16.58	284	168179	39.593	ng	98
69) Atrazine	16.73	200	165536	49.521	ng	99
70) Pentachlorophenol	16.93	266	176484	82.077	ng	99
71) Phenanthrene	17.31	178	739944	43.909	ng	98
72) Anthracene	17.40	178	756229	45.390	ng	98
73) Carbazole	17.67	167	705406	45.928	ng	99
74) Di-n-butylphthalate	18.23	149	883582	46.553	ng	98
75) Fluoranthene	19.32	202	940803	48.261	ng	98
77) Benzidine	19.50	184	390941	40.869	ng	97
78) Pyrene	19.68	202	948361	42.821	ng	97
80) Butylbenzylphthalate	20.57	149	417476	41.364	ng	97
81) Benzo(a)anthracene	21.49	228	922195	43.389	ng	97
82) 3,3'-Dichlorobenzidine	21.41	252	286643	34.749	ng	97
83) Chrysene	21.55	228	875765	42.629	ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	589939	42.467	ng	98
85) Di-n-octyl phthalate	22.57	149	1048370	43.617	ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1119391	41.764	ng	100
88) Benzo(b)fluoranthene	23.61	252	998312	47.405	ng	99
89) Benzo(k)fluoranthene	23.67	252	942300	45.910	ng	97
90) Benzo(a)pyrene	24.44	252	901703	45.286	ng	98
91) Dibenzo(a,h)anthracene	28.12	278	931582	47.275	ng	99
92) Benzo(g,h,i)perylene	29.14	276	948916	48.104	ng	99

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



#1

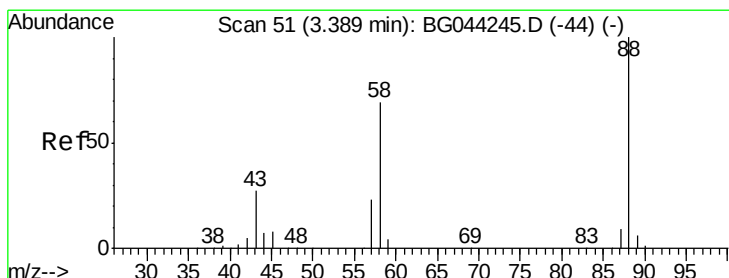
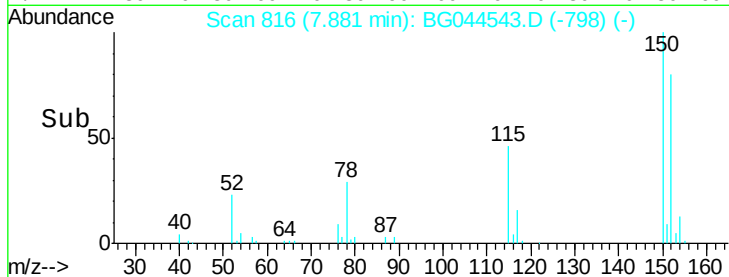
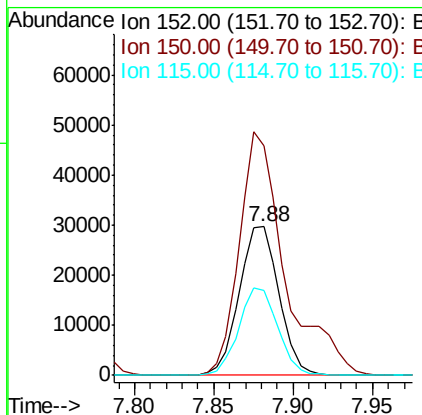
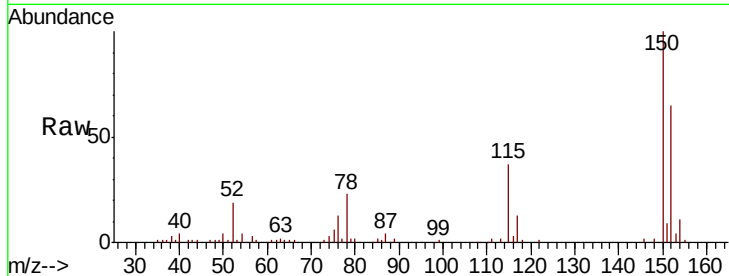
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.1	184.7
115	57.2	45.1	67.7

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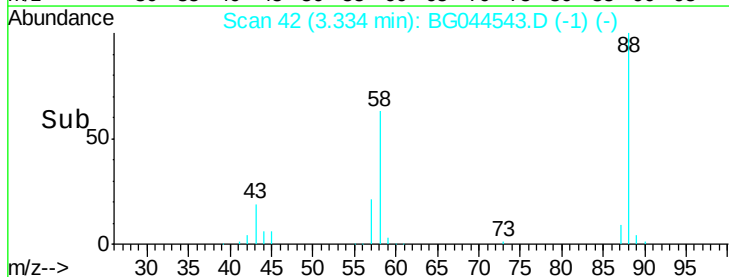
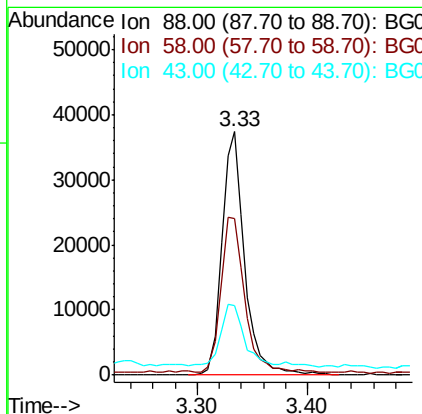
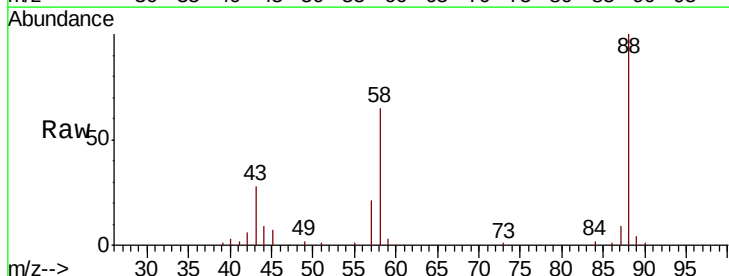
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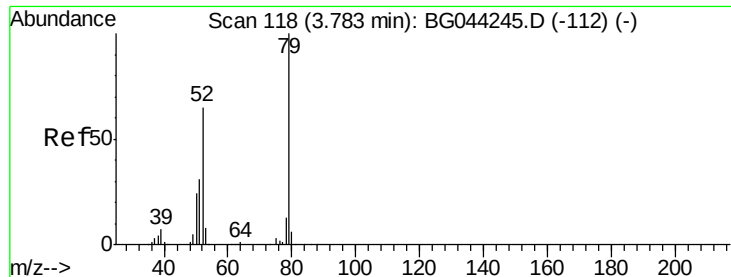


#2

1,4-Dioxane
Concen: 40.456 ng
RT: 3.33 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.4	54.8	82.2
43	25.8	21.2	31.8





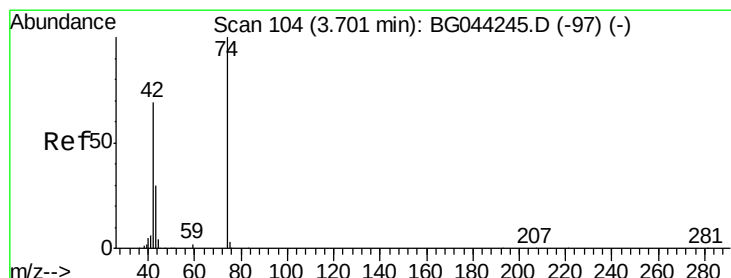
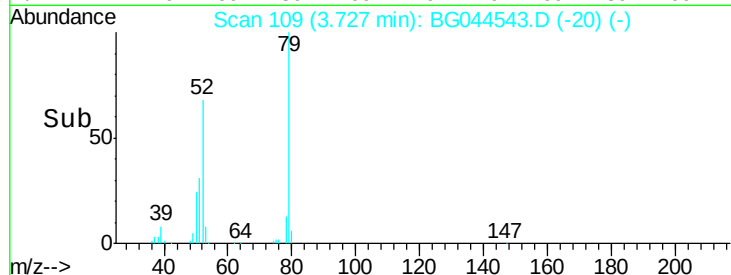
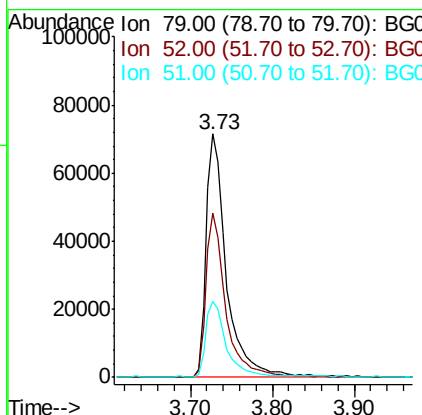
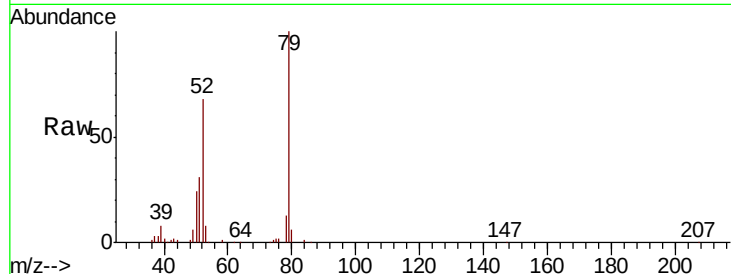
#3
 Pvridine
 Concen: 35.218 ng
 RT: 3.73 min Scan# 109
 Delta R.T. -0.01 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion:	79	Resp:	123516
Ion Ratio	Lower	Upper	
79	100		
52	67.6	53.0	79.4
51	31.1	25.7	38.5

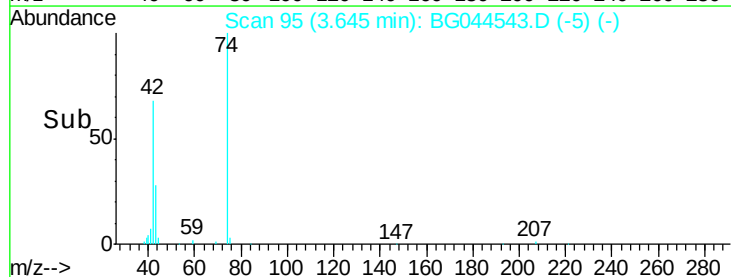
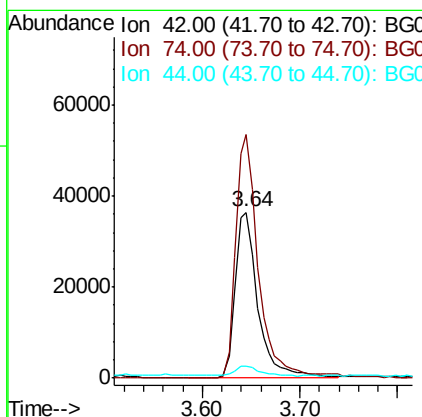
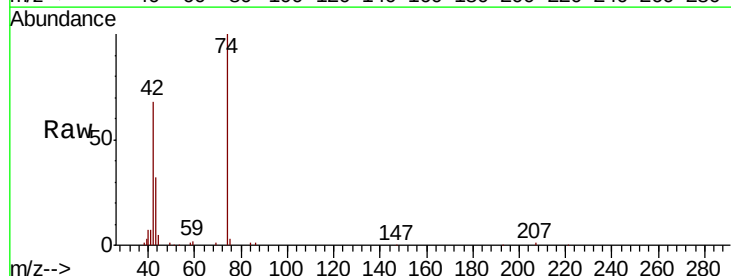
Manual Integrations
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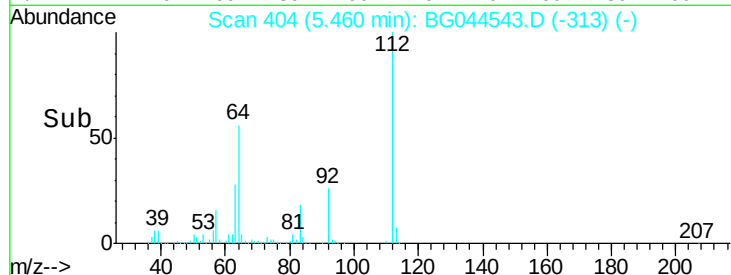
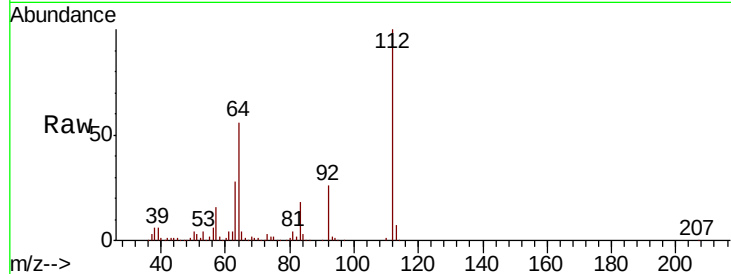
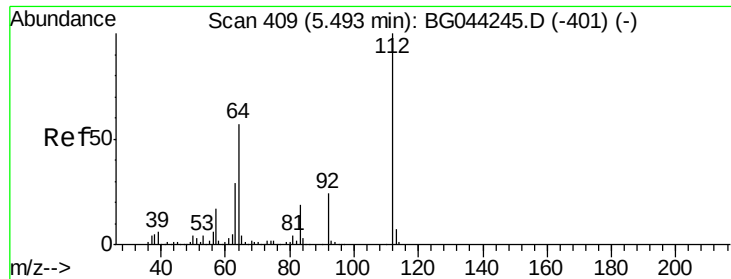
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#4
 n-Nitrosodimethylamine
 Concen: 40.334 ng
 RT: 3.64 min Scan# 95
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion:	42	Resp:	59111
Ion Ratio	Lower	Upper	
42	100		
74	146.6	118.4	177.6
44	7.5	6.0	9.0





#5

2-Fluorophenol

Concen: 131.641 ng

RT: 5.46 min Scan# 404

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	385694		
64	55.5		44.5	66.7
63	28.5		22.2	33.2

Instrument :

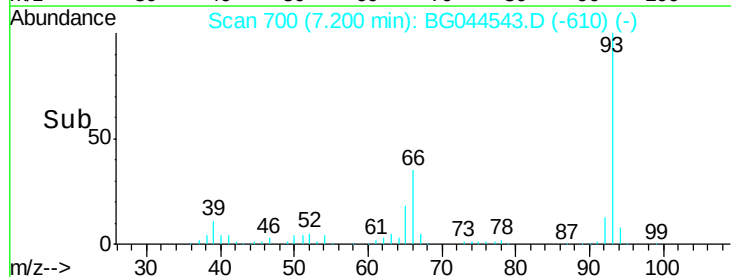
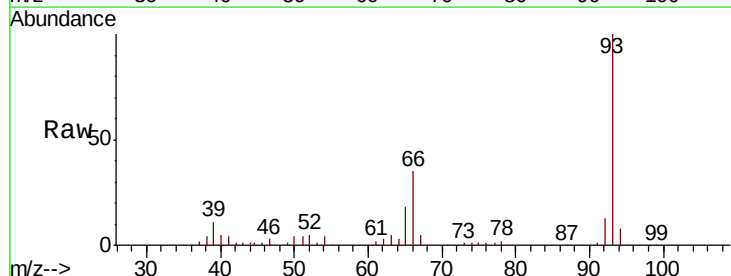
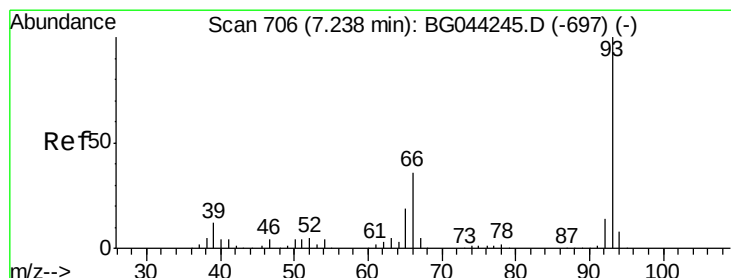
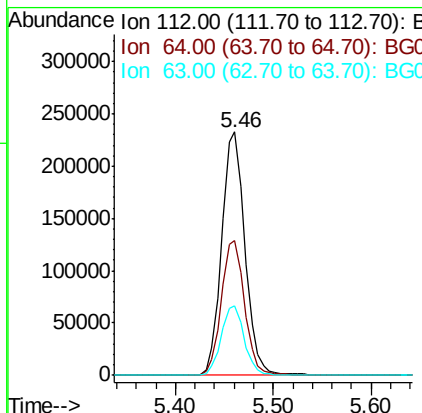
BNA_G

ClientSampleId :

PB126933BS

Manual Integrations
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#6

Aniline

Concen: 33.392 ng

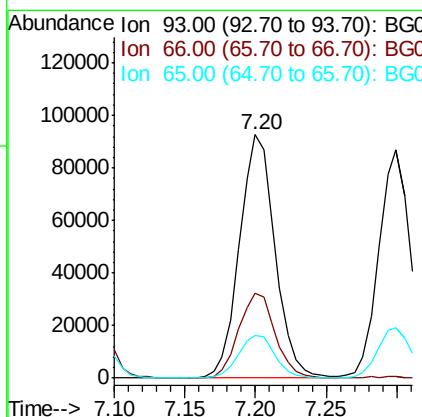
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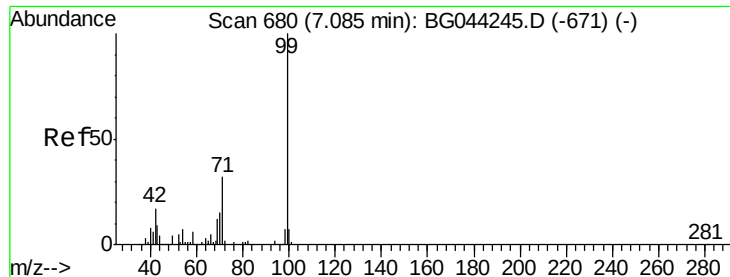
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	163076		
66	34.7		29.6	44.4
65	17.6		15.0	22.4





#7

Phenol-d6

Concen: 131.111 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

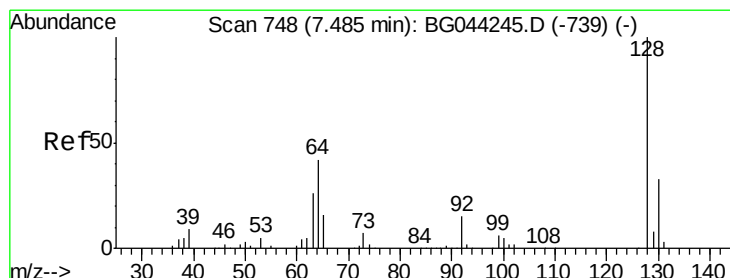
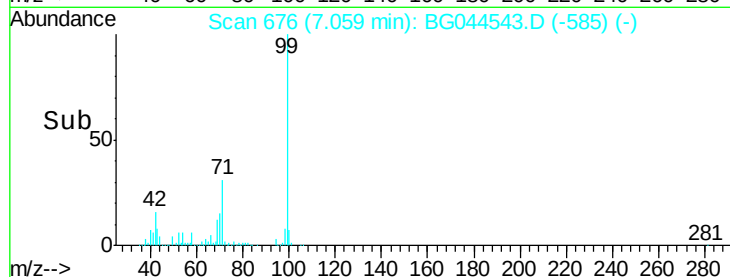
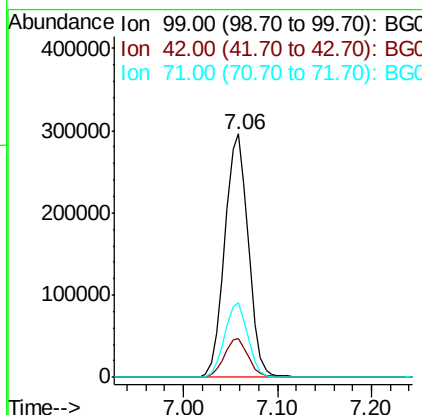
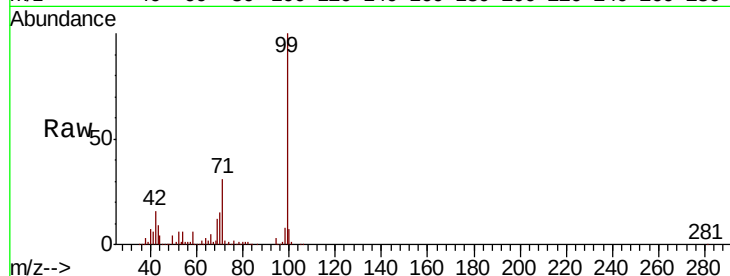
ClientSampleId :

PB126933BS

Tot Ion:	99	Resp:	515843
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.4	20.0
71	30.5	24.7	37.1

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#8

2-Chlorophenol

Concen: 47.065 ng

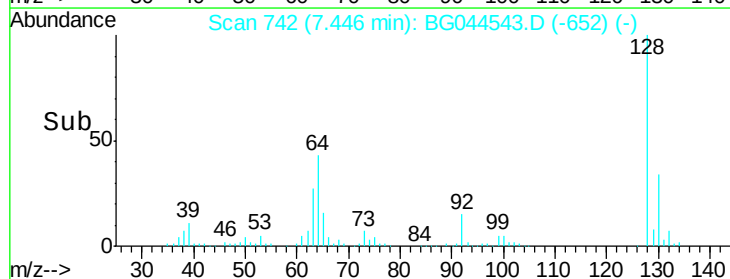
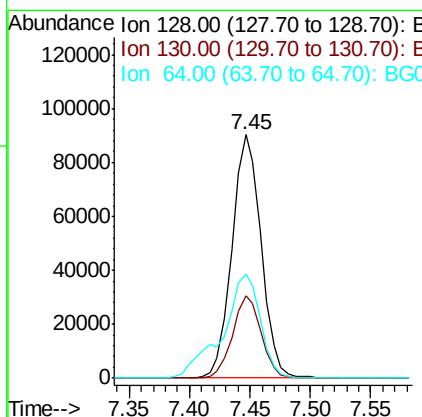
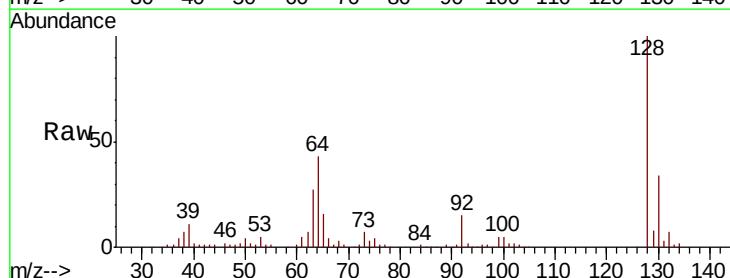
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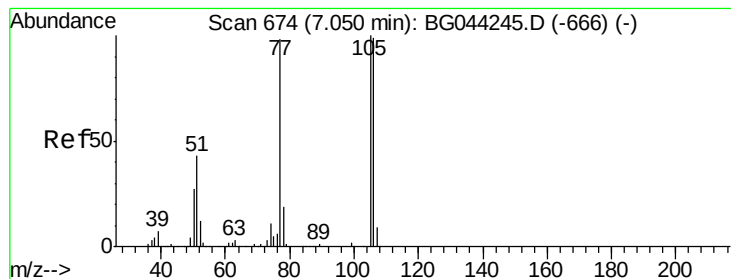
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:	128	Resp:	151551
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.5	52.5
64	43.0	22.7	62.7





#9

Benzaldehyde

Concen: 29.946 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

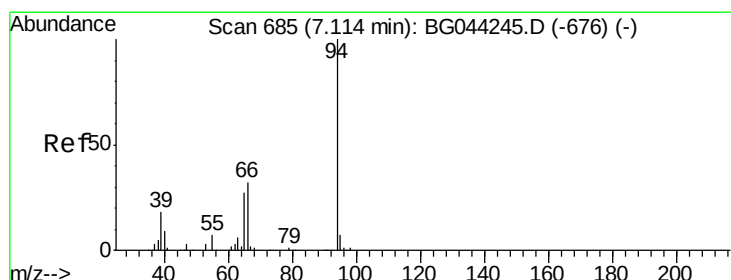
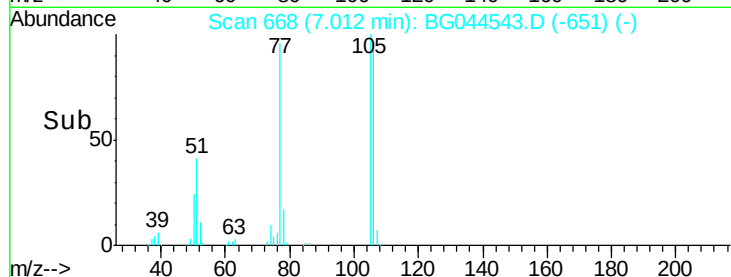
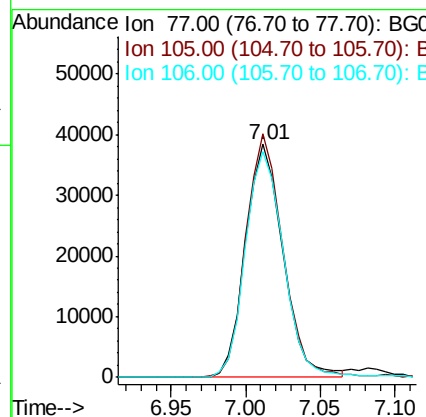
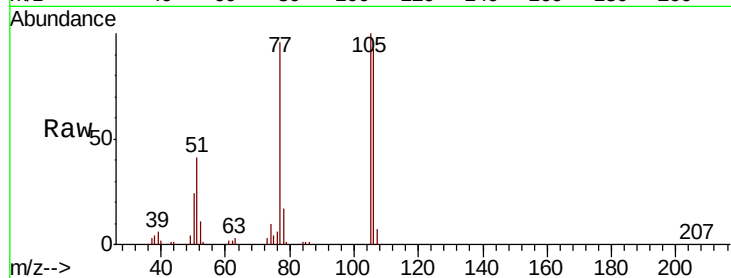
ClientSampled :

PB126933BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.6	80.0	120.0
106	97.1	75.4	115.4

Manual Integrations
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#10

Phenol

Concen: 47.730 ng

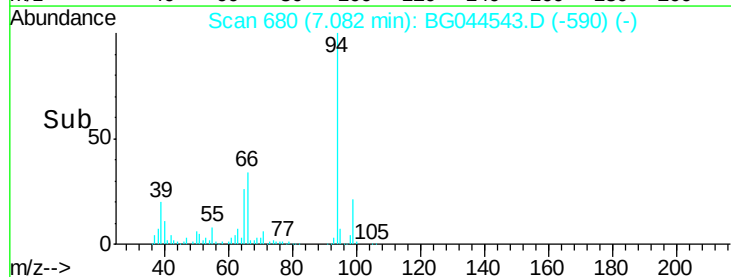
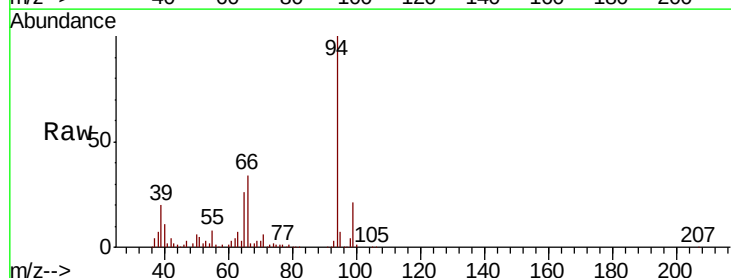
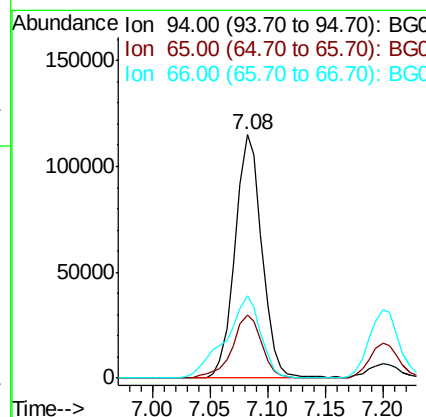
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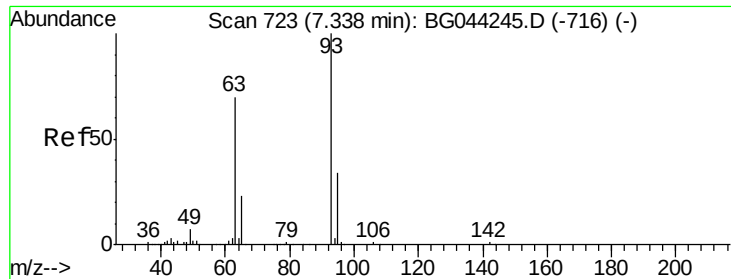
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.1	7.3	47.3
66	33.6	15.4	55.4





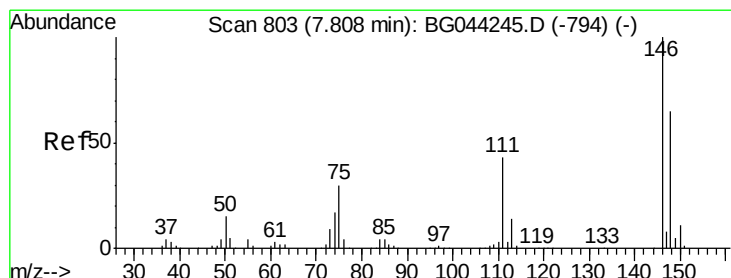
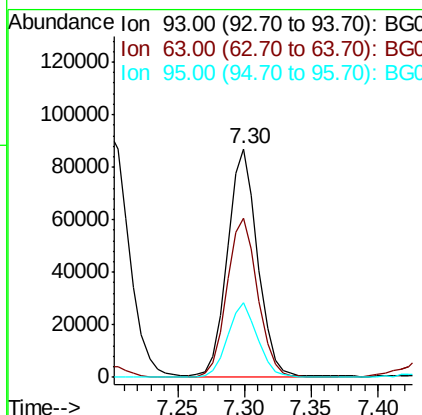
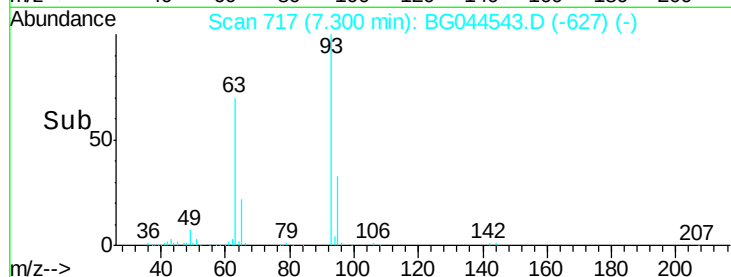
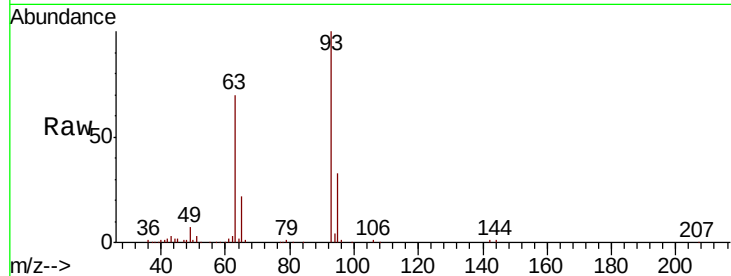
#11
bis(2-Chloroethyl)ether
Concen: 41.358 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion:	93	Resp:	137676
Ion	Ratio	Lower	Upper
93	100		
63	69.7	50.8	90.8
95	32.7	11.7	51.7

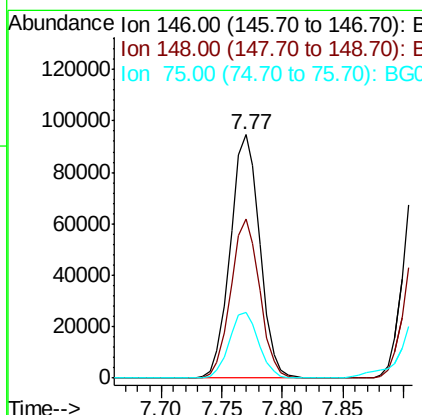
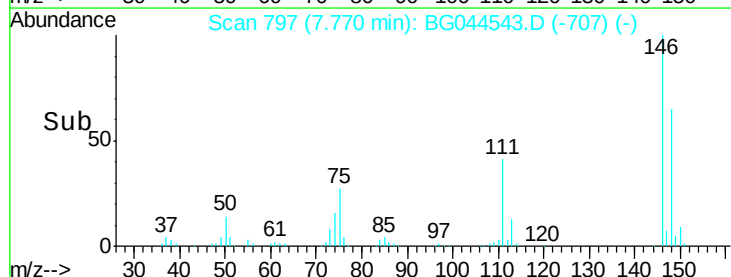
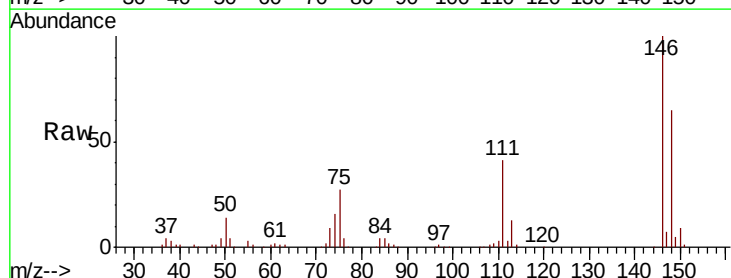
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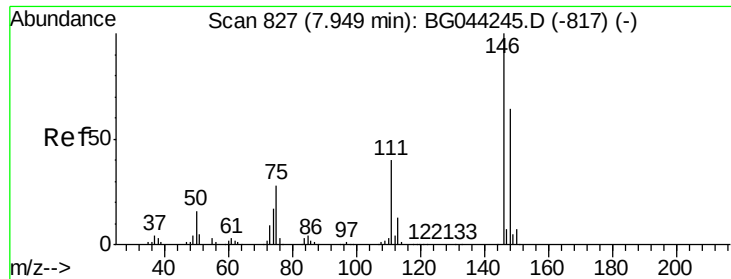
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.694 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:	146	Resp:	160298
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.2
75	27.0	21.9	32.9





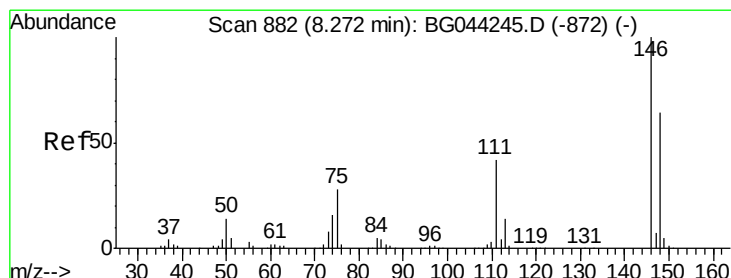
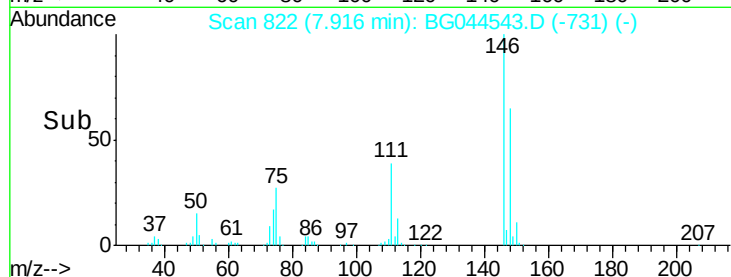
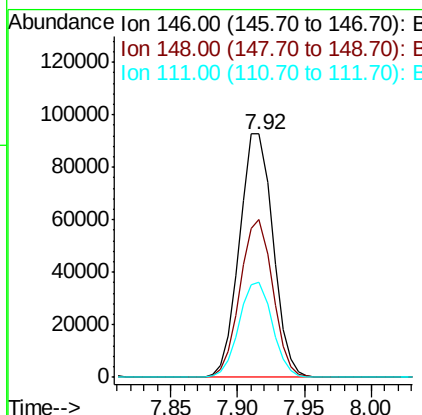
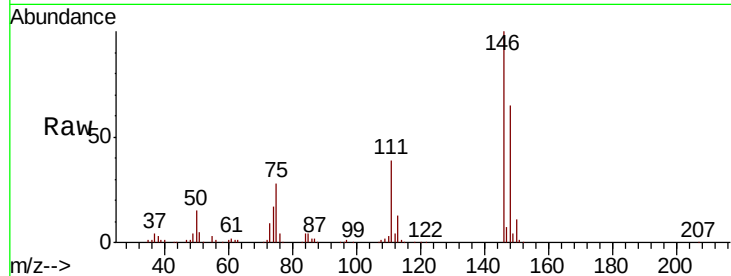
#13
 1,4-Dichlorobenzene
 Concen: 42.596 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.9	74.9
111	39.3	31.0	46.6

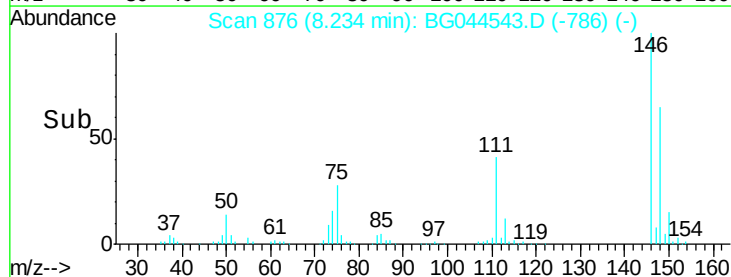
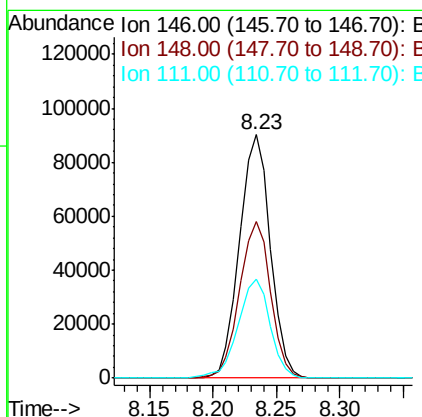
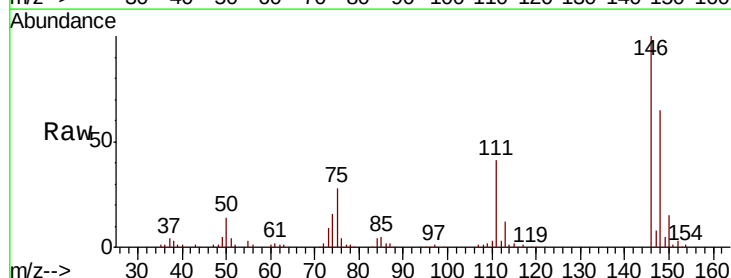
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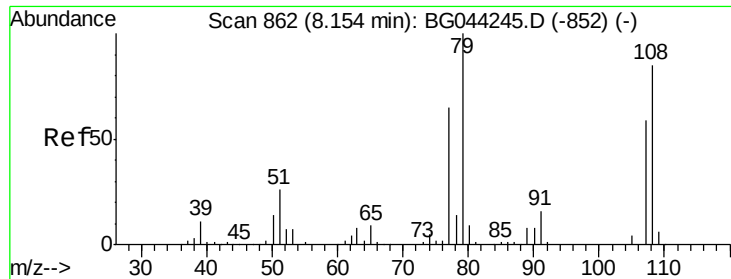
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.351 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	40.9	33.1	49.7





#15

Benzyl Alcohol

Concen: 44.205 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

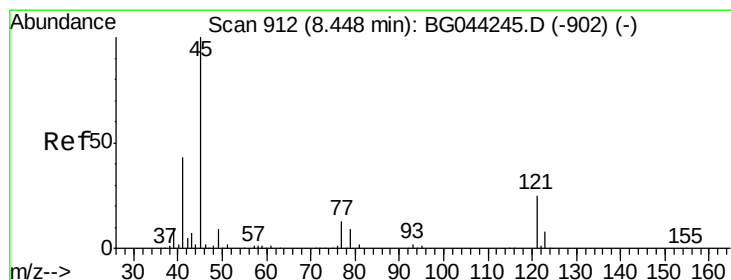
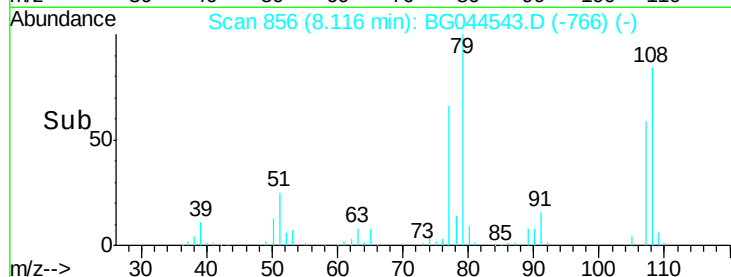
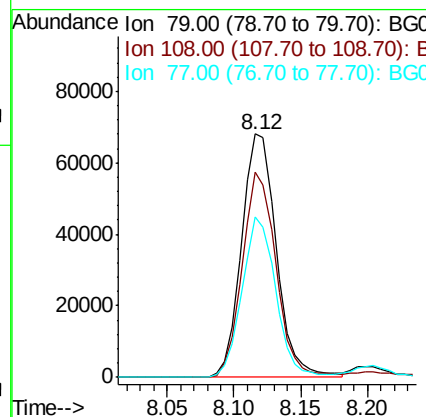
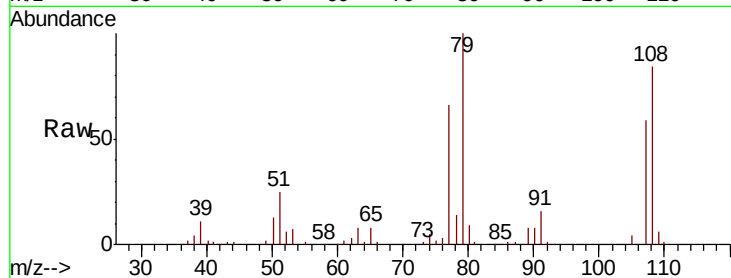
ClientSampleId :

PB126933BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	84.4	66.0	99.0	
77	66.1	50.7	76.1	

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.695 ng

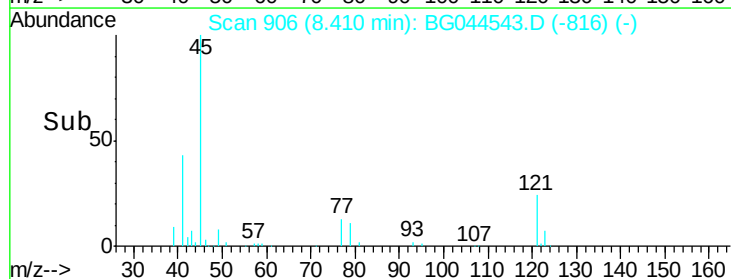
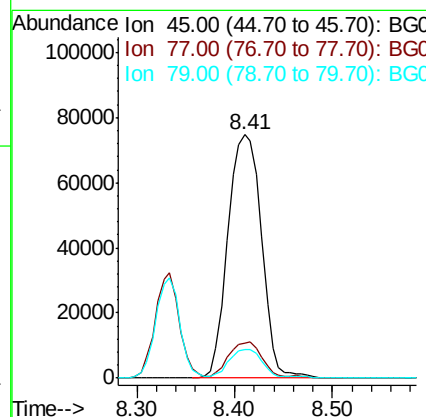
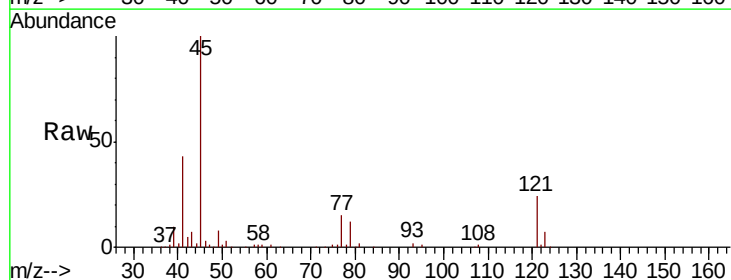
RT: 8.41 min Scan# 906

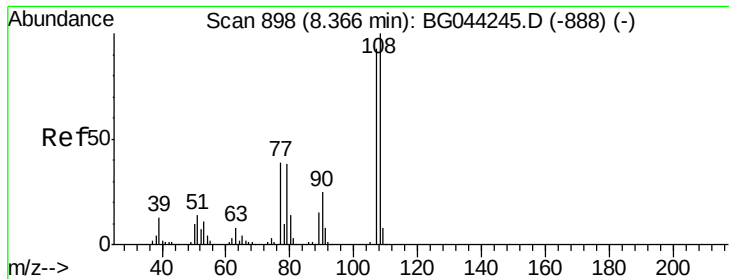
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.6	0.0	35.2	
79	11.8	0.0	30.9	





#17

2-Methylphenol

Concen: 46.855 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

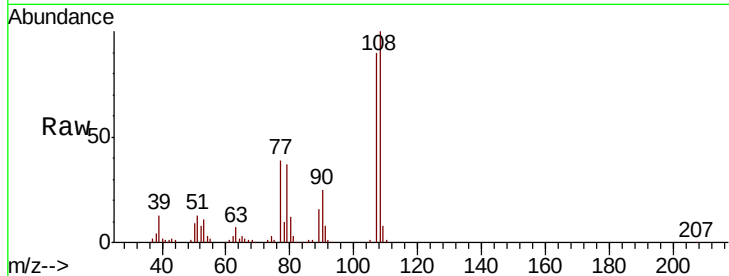
ClientSampleId :

PB126933BS

Tot Ion:	107	Resp:	130169
Ion Ratio	Lower	Upper	
107	100		
108	111.0	88.1	132.1
77	42.9	33.8	50.6
79	40.9	32.7	49.1

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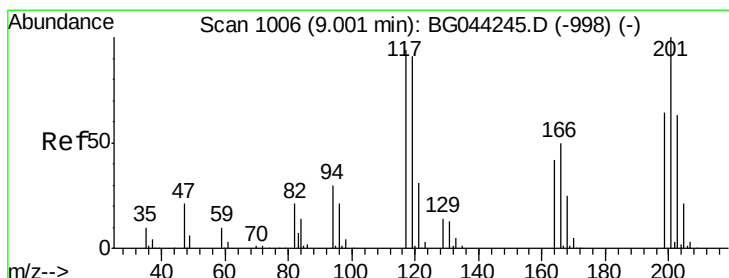
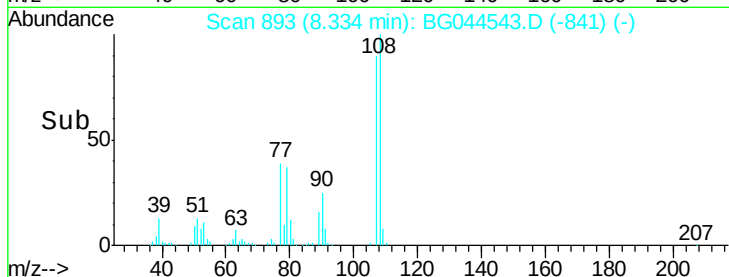
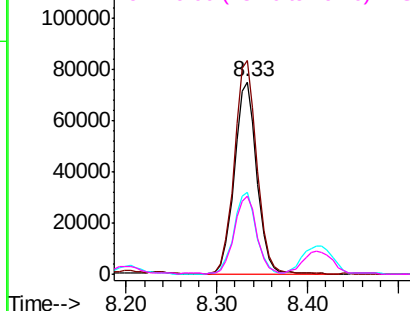
Abundance

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: 40.581 ng

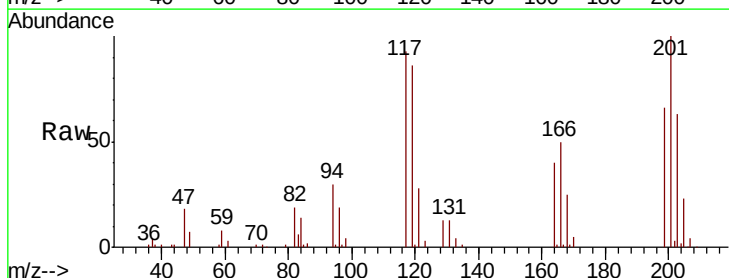
RT: 8.96 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:	117	Resp:	57986
Ion Ratio	Lower	Upper	
117	100		
119	92.8	75.5	113.3
201	107.3	88.6	133.0

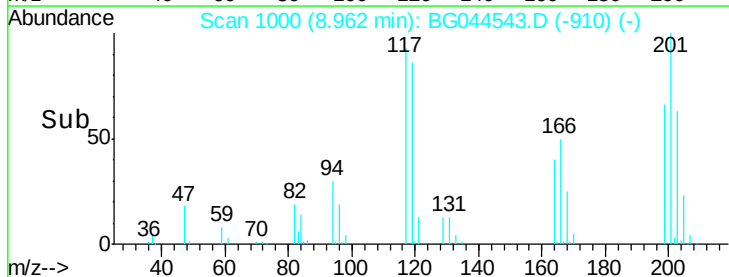
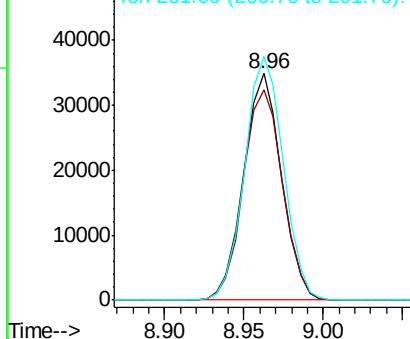


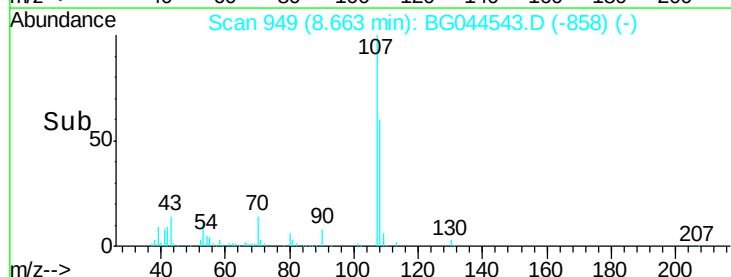
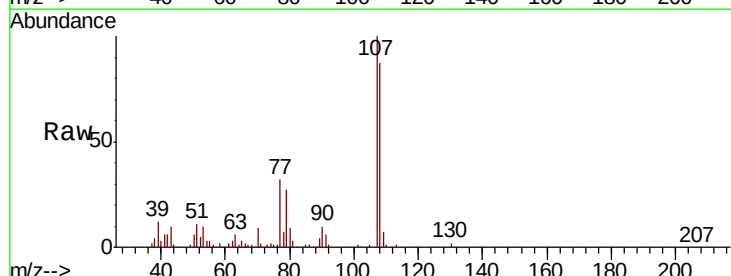
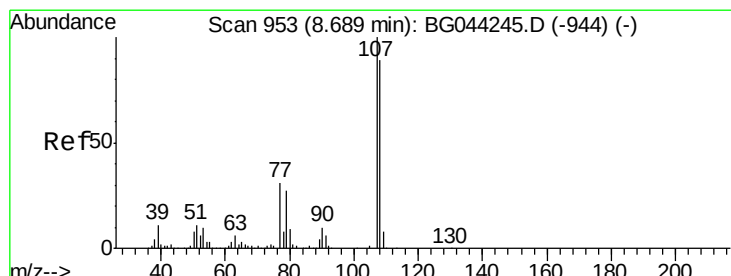
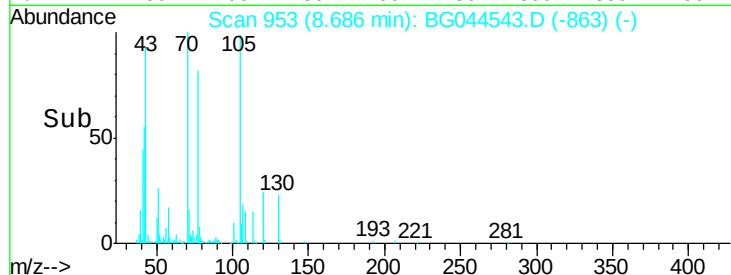
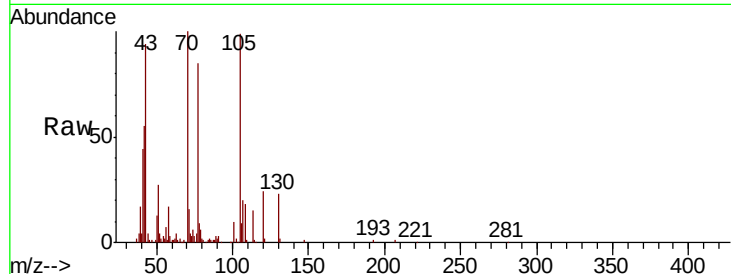
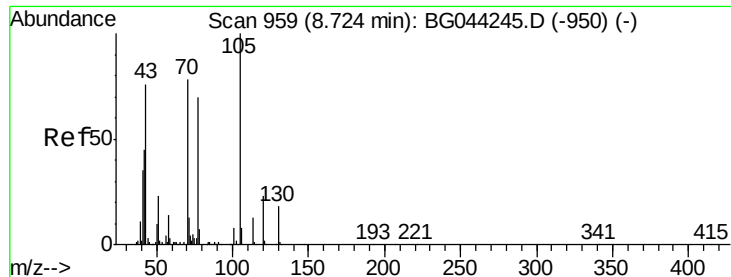
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

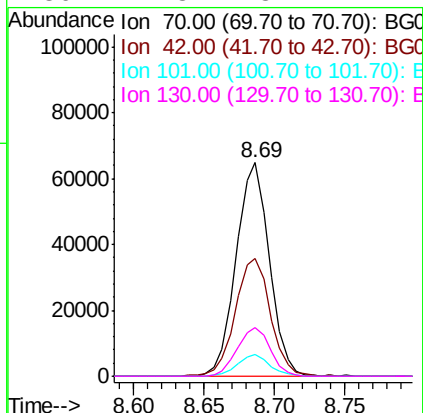
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.706 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.4	44.0	66.0		
101	10.3	7.6	11.4		
130	22.8	18.2	27.2		



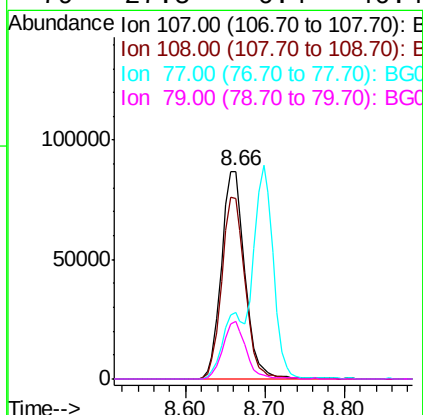
Instrument :
BNA_G
ClientSampleId :
PB126933BS

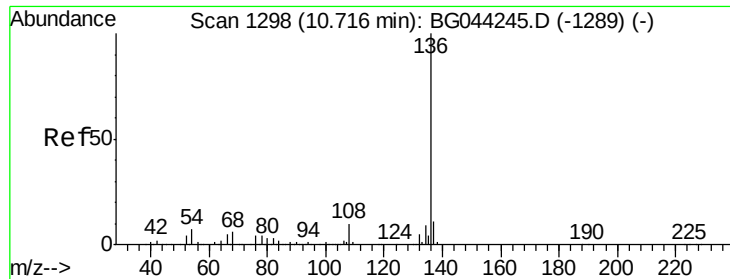
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#20
3+4-Methylphenols
Concen: 46.634 ng
RT: 8.66 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.1	69.2	109.2		
77	32.0	10.5	50.5		
79	27.5	6.4	46.4		





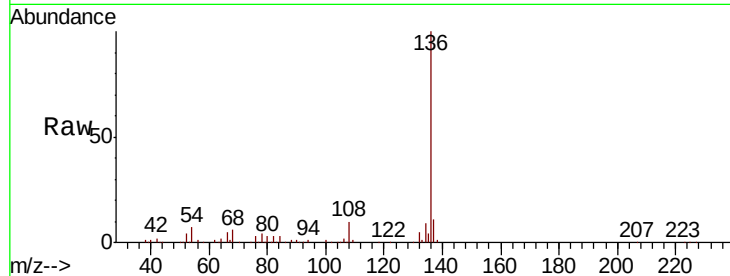
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

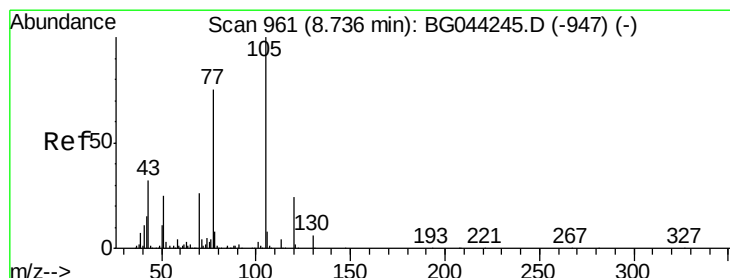
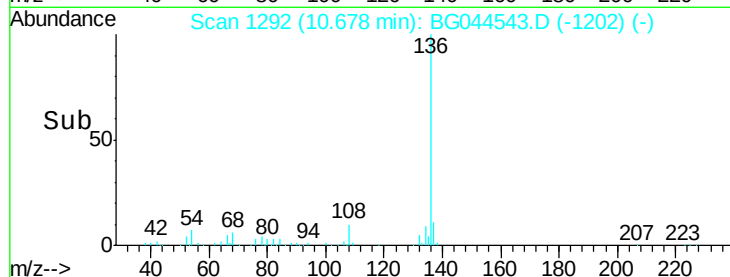
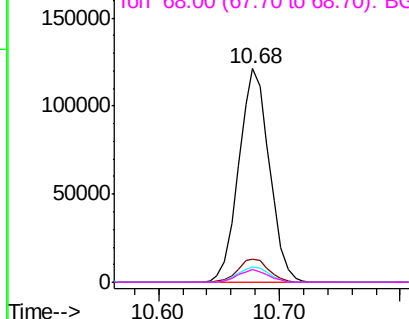
Tot Ion	Ratio	Resp	Lower	Upper
136	100	213230		
137	10.9		9.0	13.6
54	7.1		5.5	8.3
68	6.0		4.6	6.8

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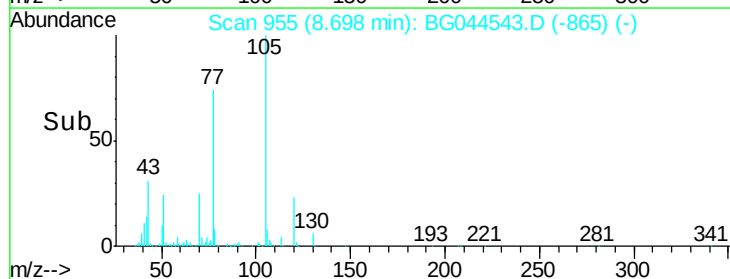
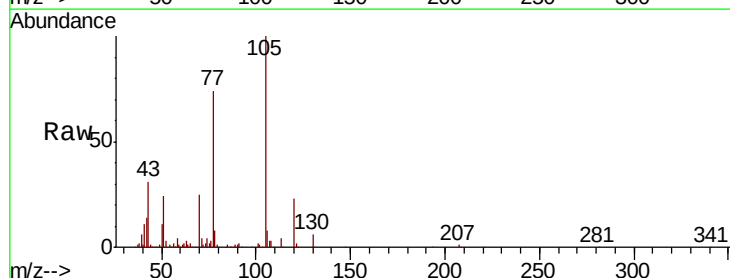
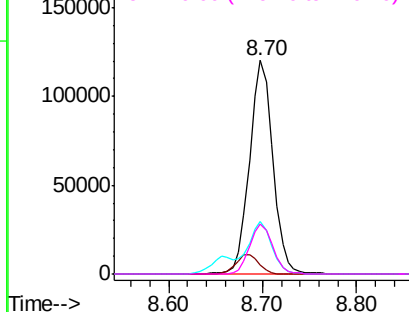
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

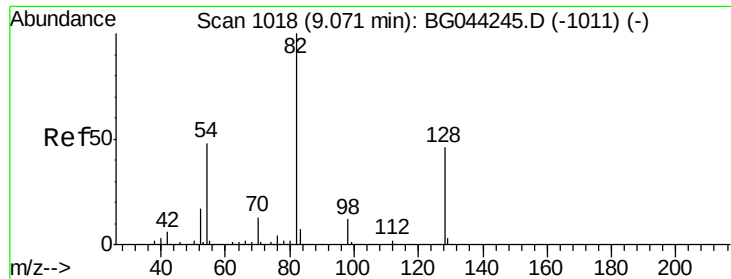


#22
Acetophenone
Concen: 39.871 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206822		
71	4.2		4.2	6.4#
51	24.3		20.1	30.1
120	23.2		18.9	28.3

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





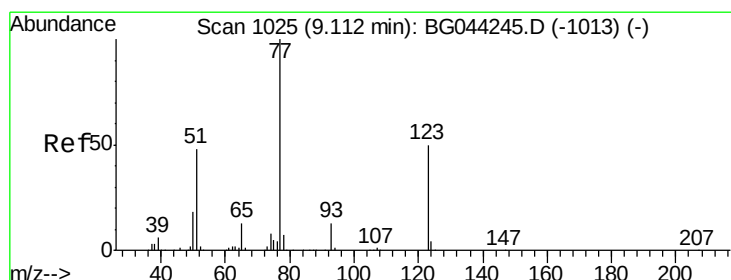
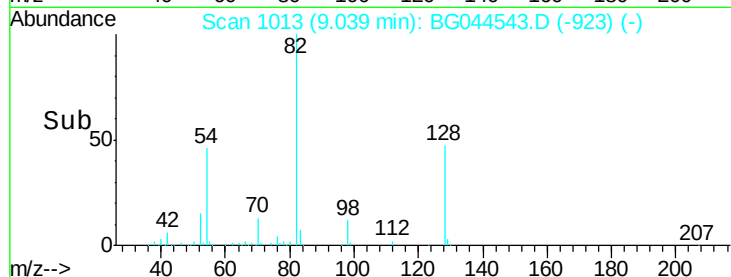
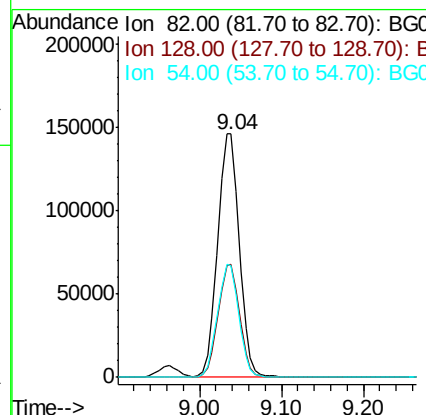
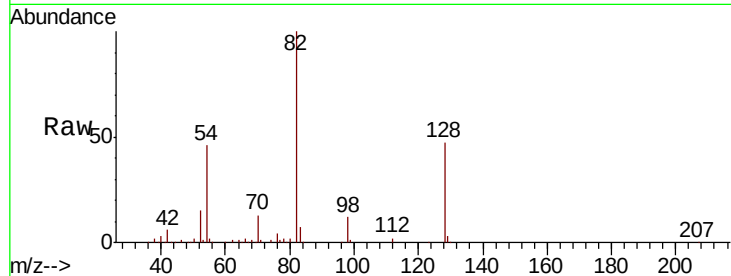
#23
 Nitrobenzene-d5
 Concen: 71.534 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	39.1	58.7
54	46.0	37.9	56.9

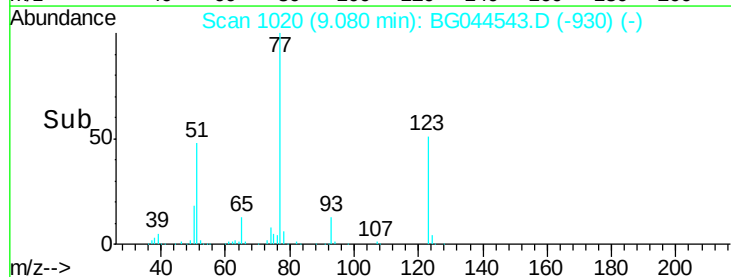
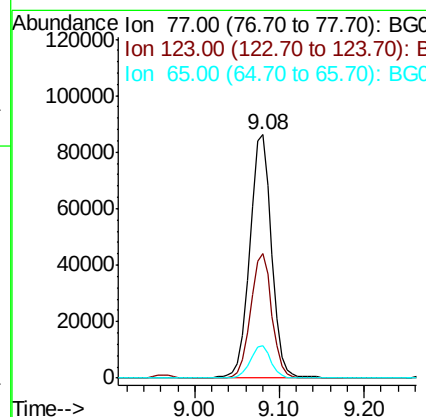
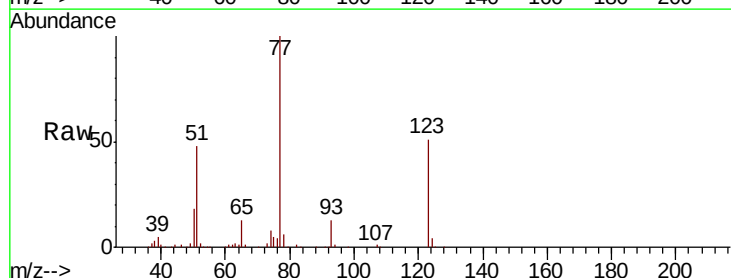
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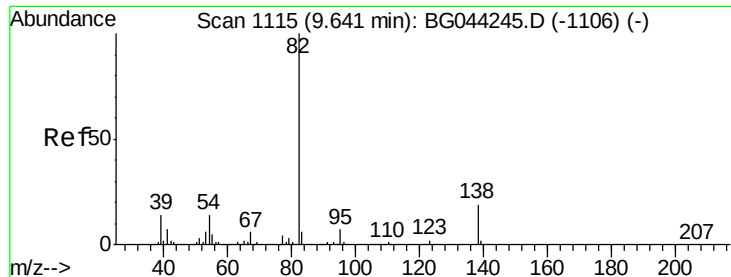
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#24
 Nitrobenzene
 Concen: 41.982 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	40.2	60.2
65	13.1	10.8	16.2





#25

Isophorone

Concen: 42.961 ng

RT: 9.60 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

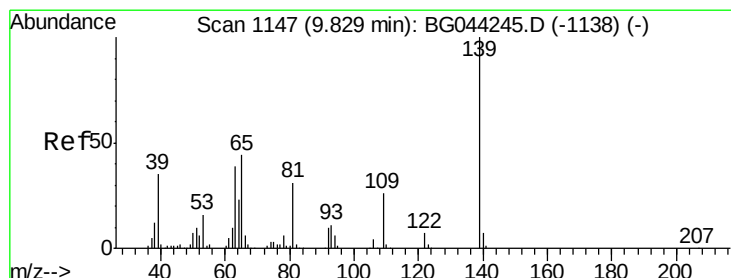
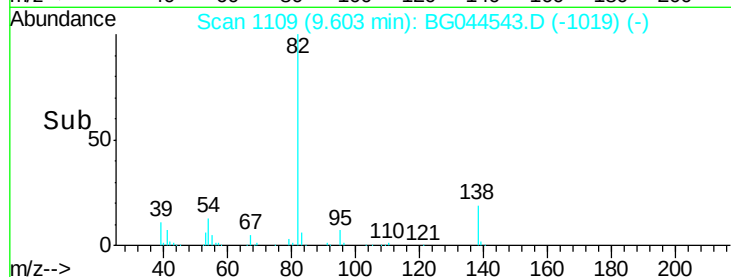
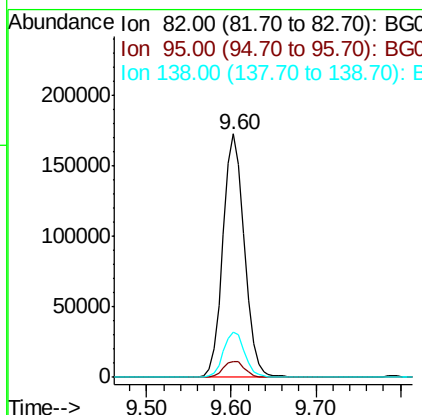
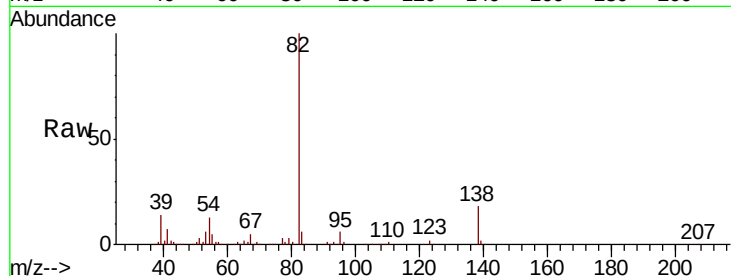
ClientSampleId :

PB126933BS

Tot Ion:	82	Resp:	302430
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.5	8.3
138	18.4	14.6	22.0

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#26

2-Nitrophenol

Concen: 45.657 ng

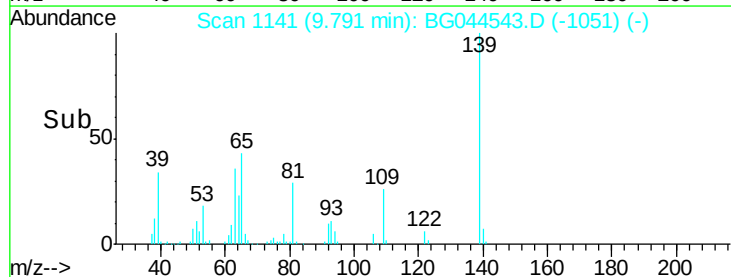
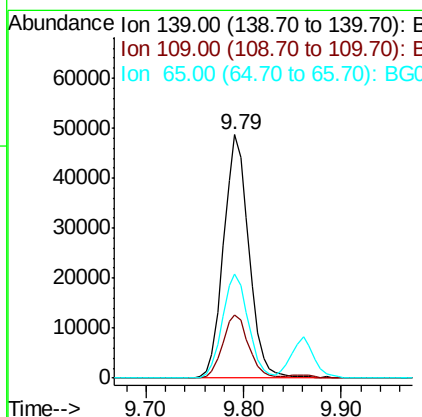
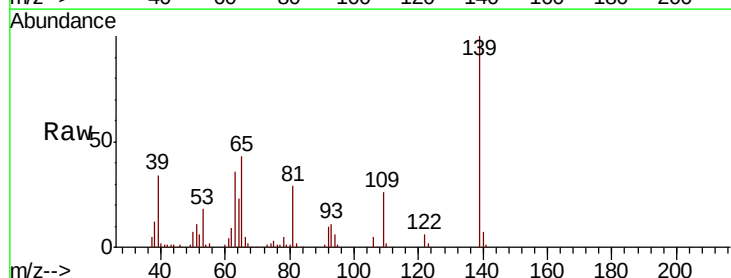
RT: 9.79 min Scan# 1141

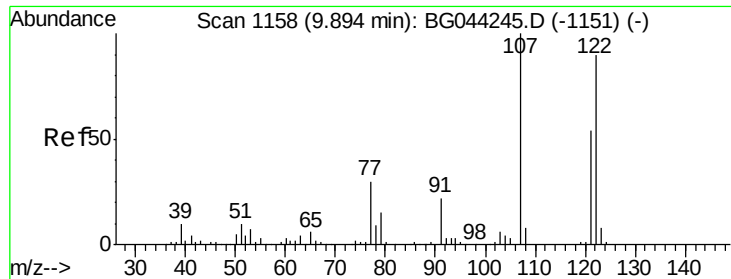
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:	139	Resp:	87353
Ion Ratio	Lower	Upper	
139	100		
109	25.8	20.1	30.1
65	43.0	35.4	53.2





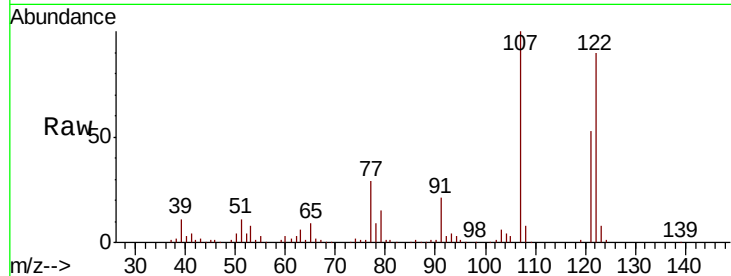
#27
2,4-Dimethylphenol
Concen: 53.929 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

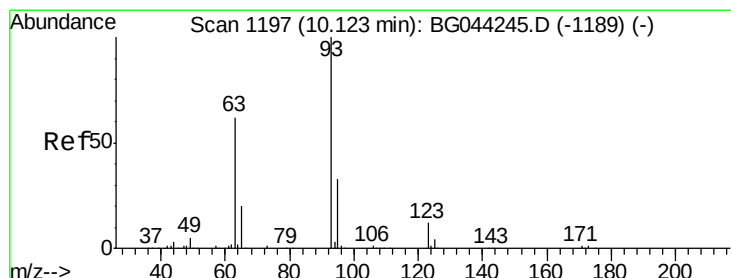
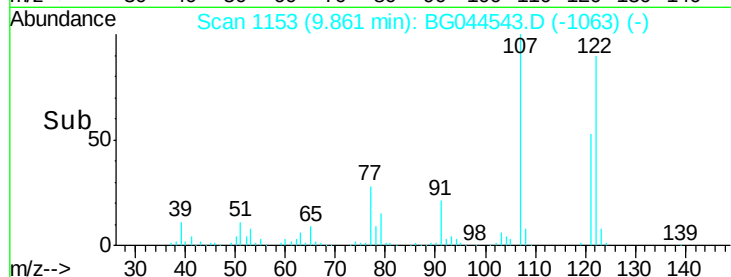
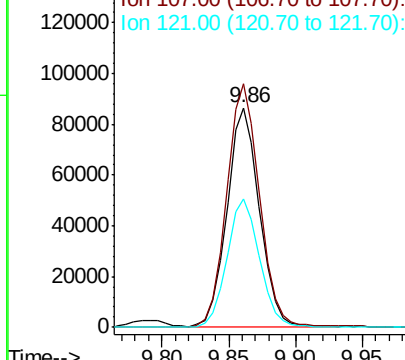
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		145649		
107	110.7	89.8		134.8	
121	58.5	48.1		72.1	

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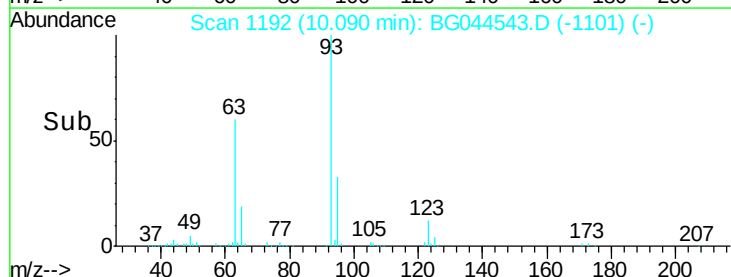
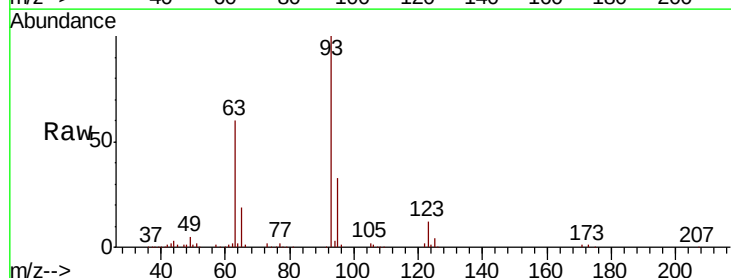
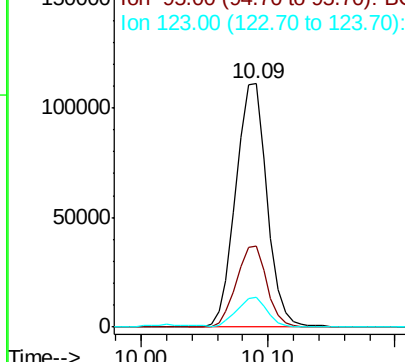
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

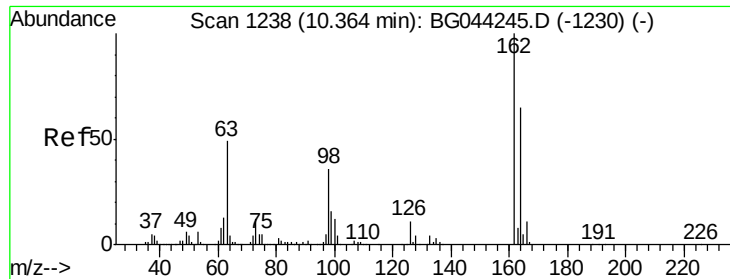


#28
bis(2-Chloroethoxy)methane
Concen: 40.412 ng
RT: 10.09 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		189778		
95	33.4	26.5		39.7	
123	12.3	9.4		14.0	

Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





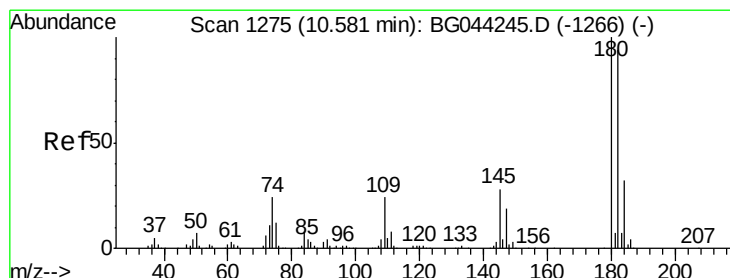
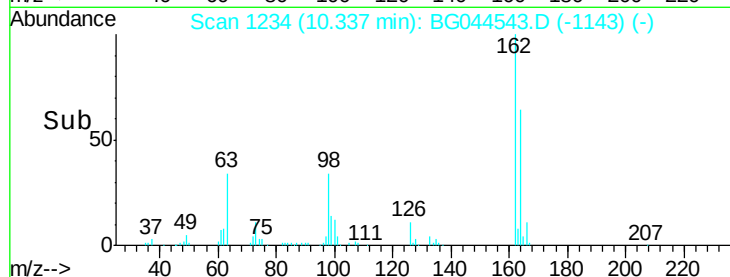
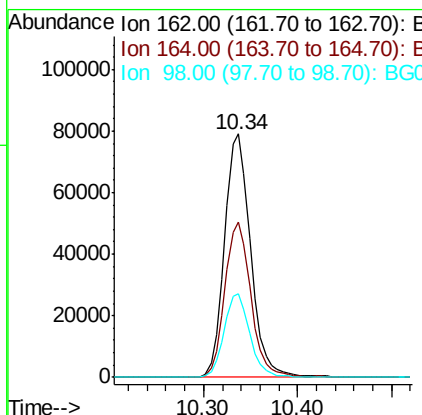
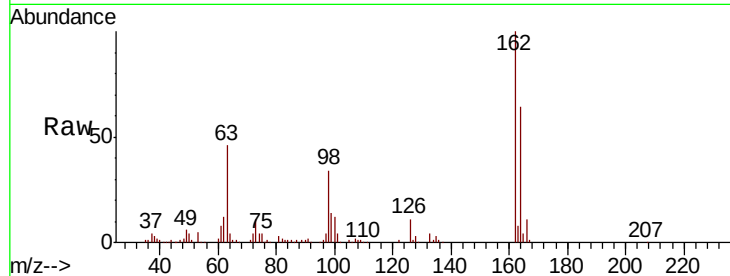
#29
 2,4-Dichlorophenol
 Concen: 46.725 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	45.5	85.5
98	34.3	15.1	55.1

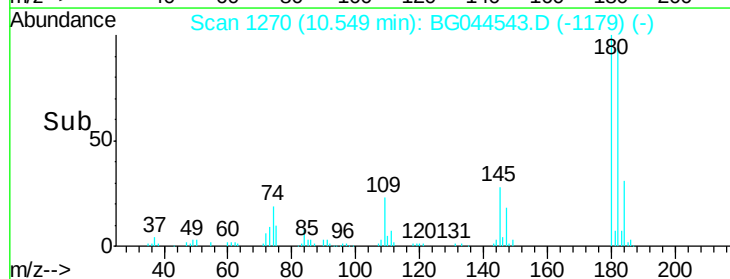
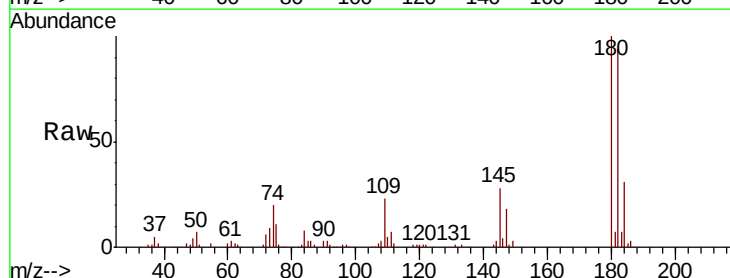
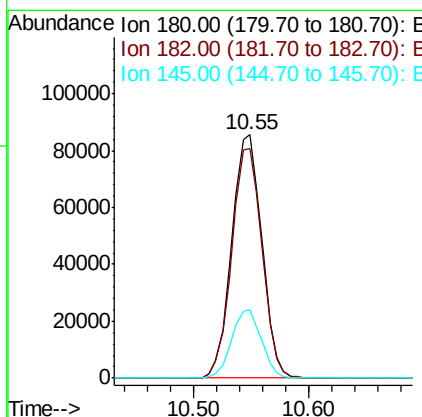
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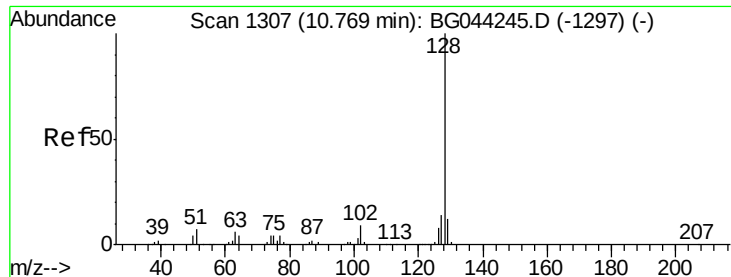
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.199 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	74.4	111.6
145	28.2	23.0	34.6





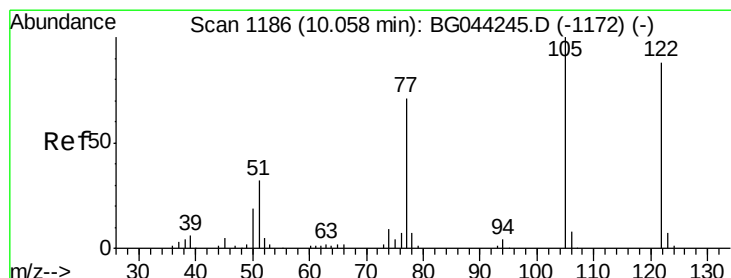
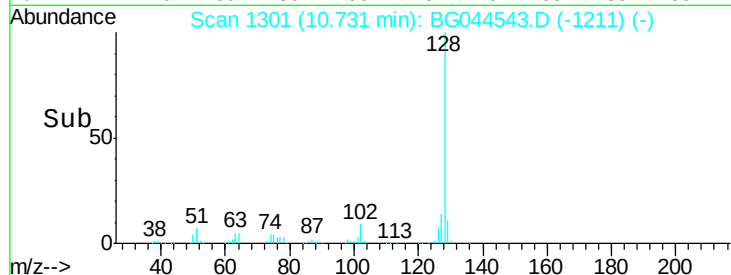
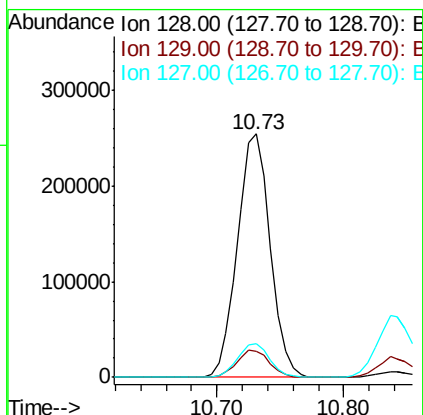
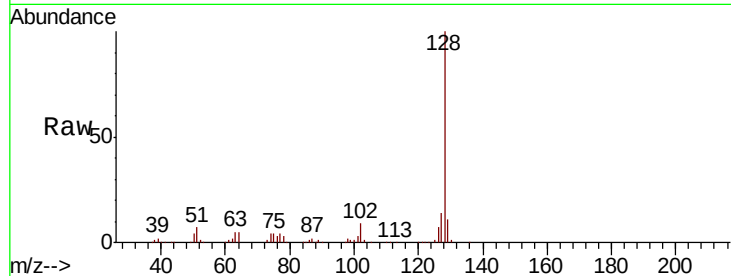
#31
Naphthalene
Concen: 44.001 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.6	11.4	17.0

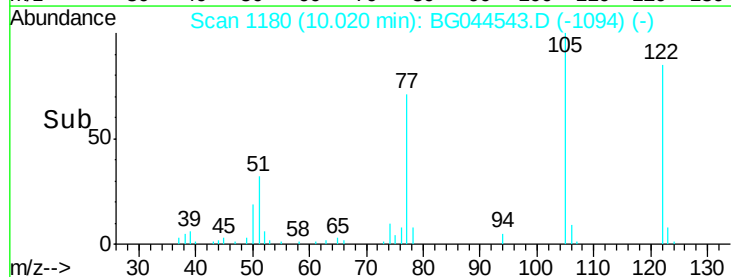
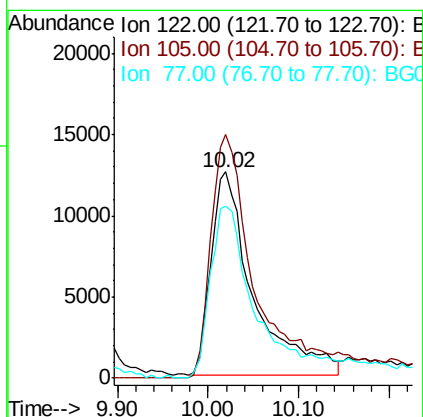
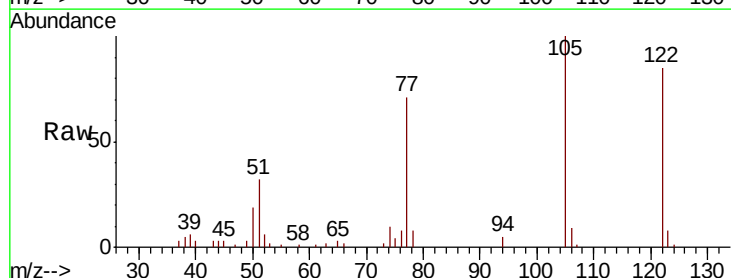
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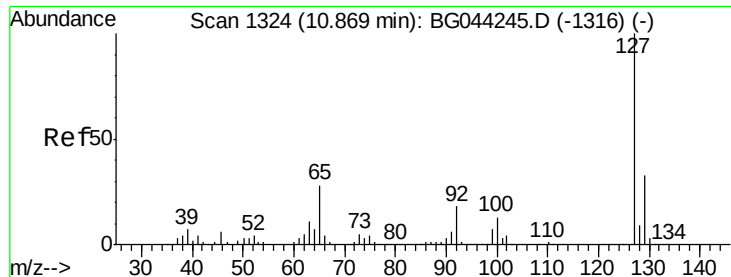
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#32
Benzoic acid
Concen: 30.376 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	101.4	141.4
77	83.6	68.6	108.6





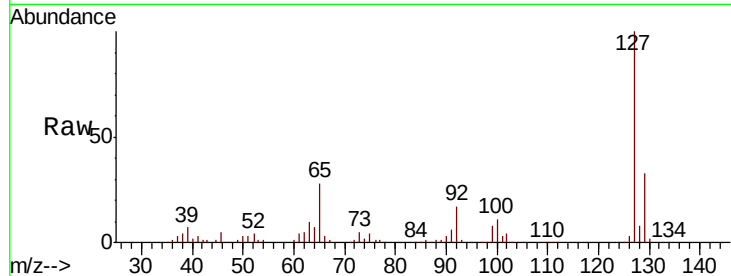
#33
4-Chloroaniline
Concen: 27.724 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampled :
PB126933BS

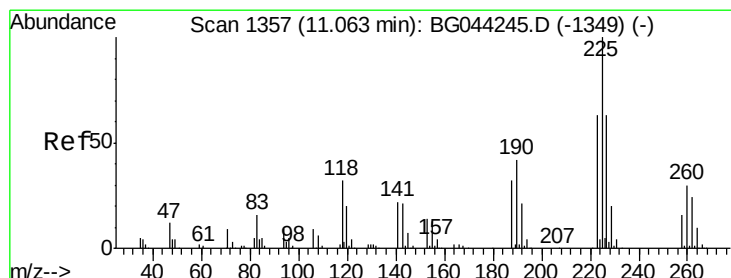
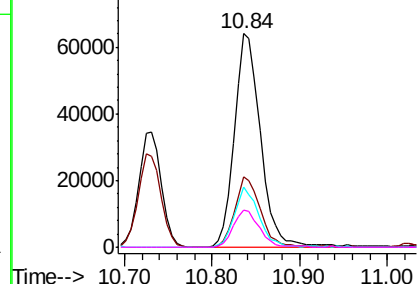
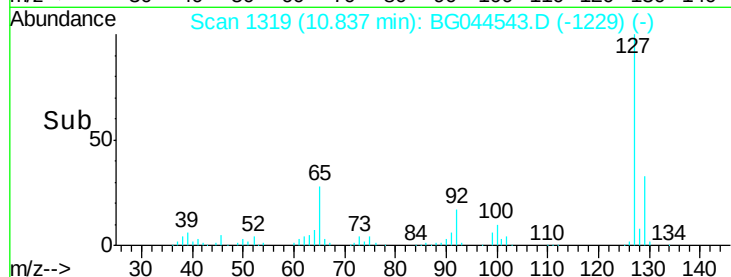
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	25.8	38.8		
65	28.0	22.1	33.1		
92	17.2	14.6	22.0		

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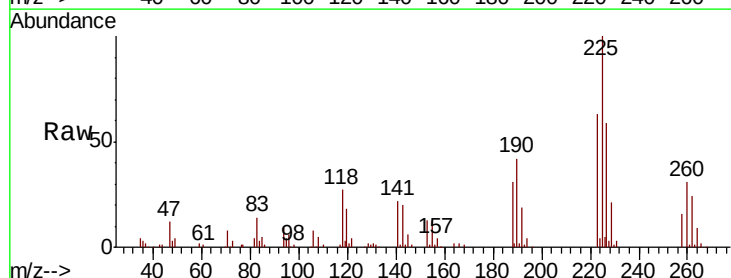


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

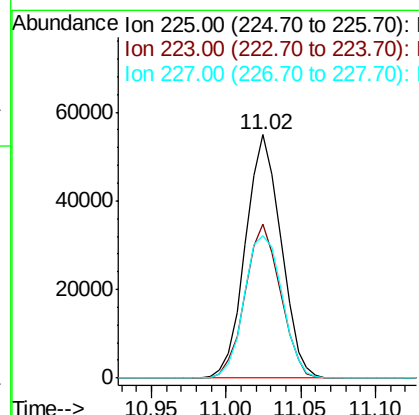
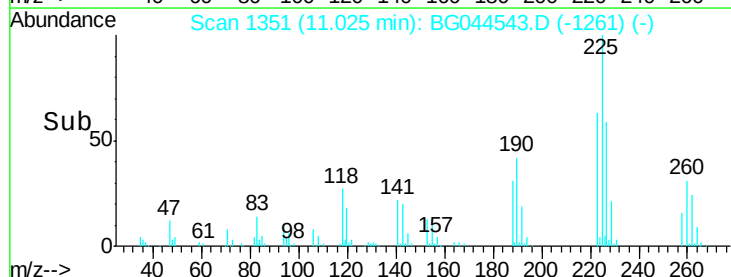


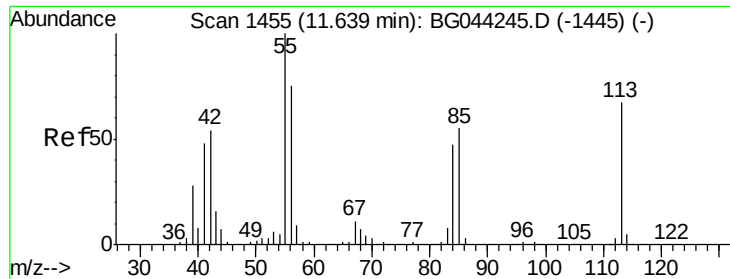
#34
Hexachlorobutadiene
Concen: 39.254 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.4	75.6		
227	58.7	51.0	76.6		



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





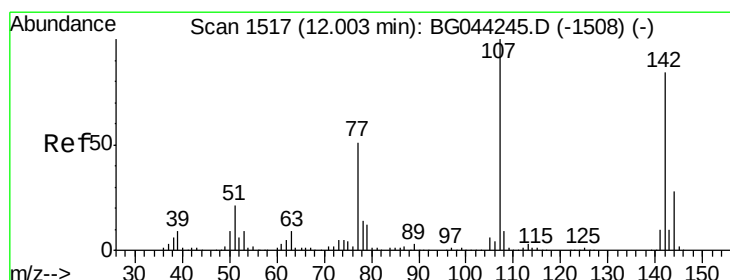
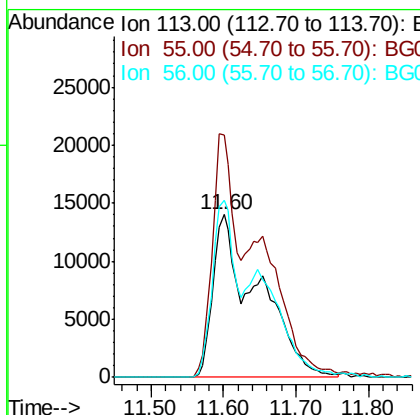
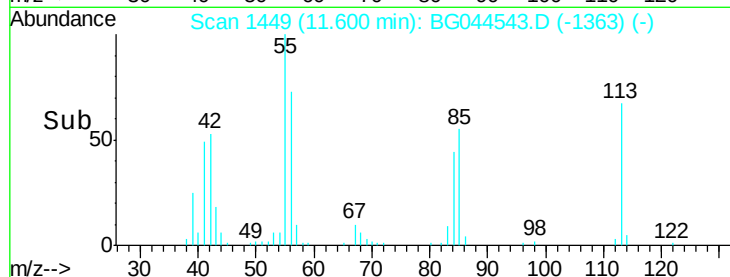
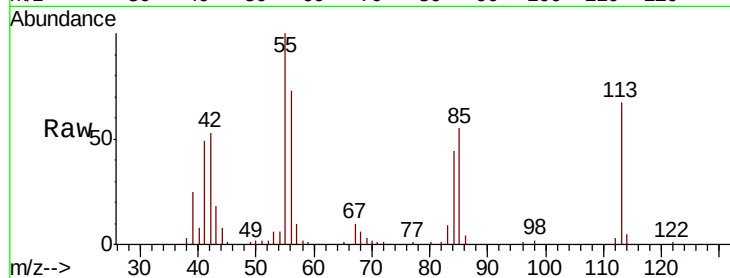
#35
Caprolactam
Concen: 50.281 ng/ml
RT: 11.60 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleID :
PB126933BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.2	126.4	166.4
56	109.0	85.8	125.8

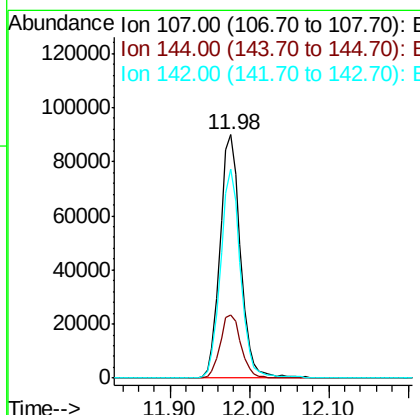
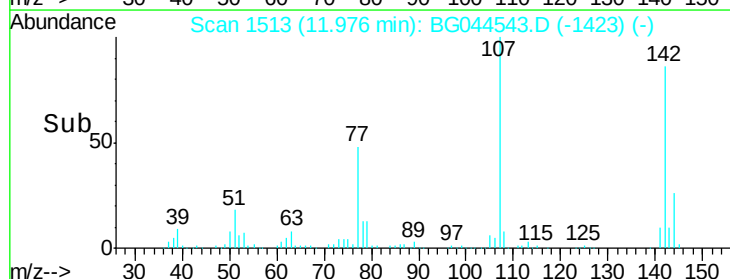
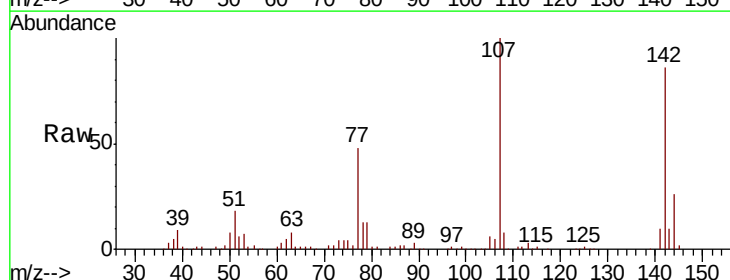
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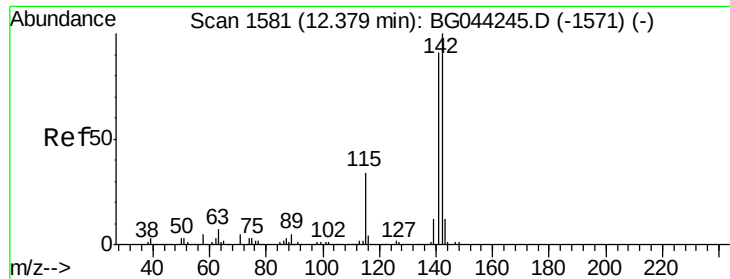
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#36
4-Chloro-3-methylphenol
Concen: 47.047 ng/ml
RT: 11.98 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	22.7	34.1
142	86.0	67.7	101.5





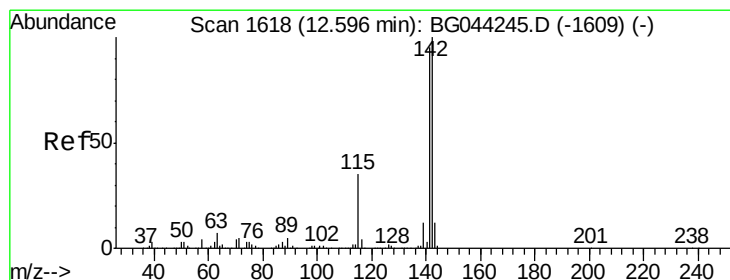
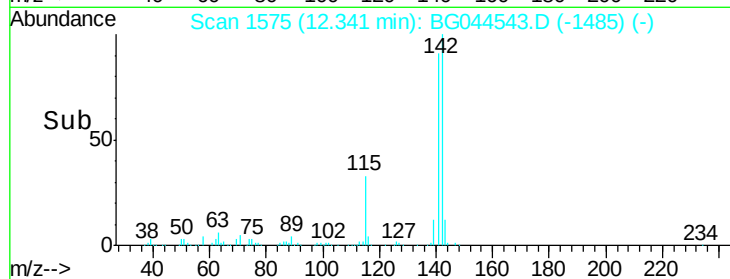
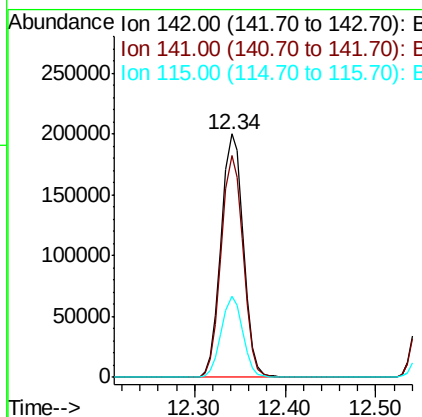
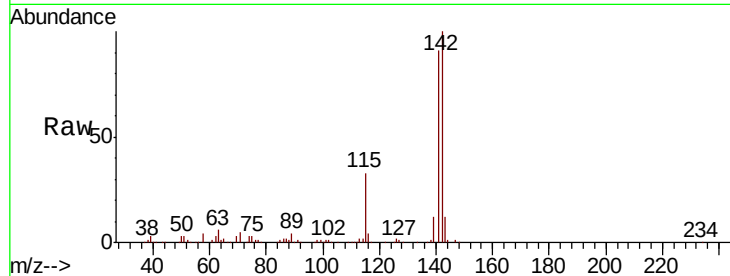
#37
2-Methylnaphthalene
Concen: 44.386 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampled :
PB126933BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	33.1	26.7	40.1

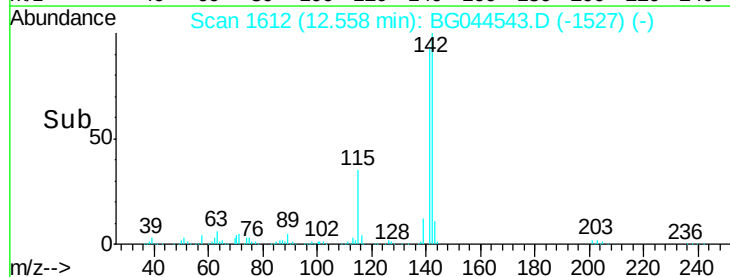
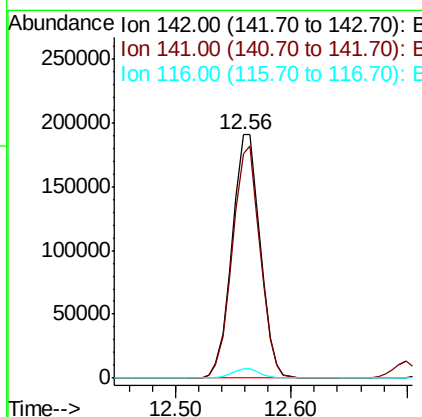
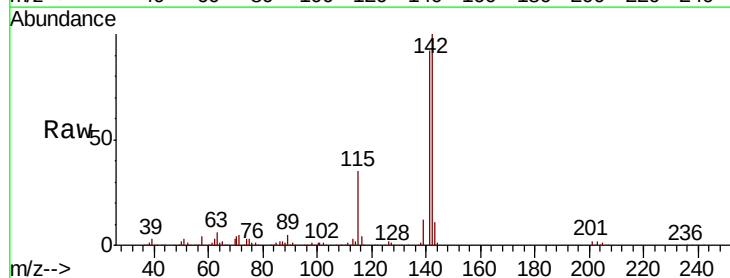
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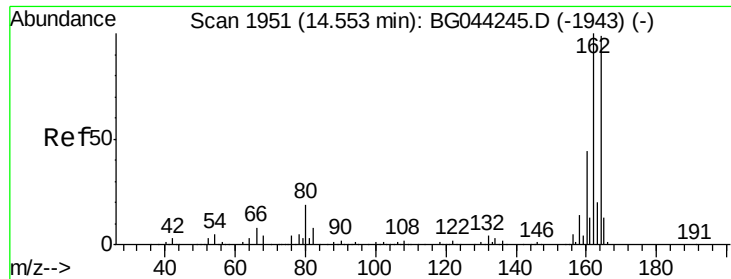
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#38
1-Methylnaphthalene
Concen: 44.546 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.1	112.7
116	3.9	3.2	4.8





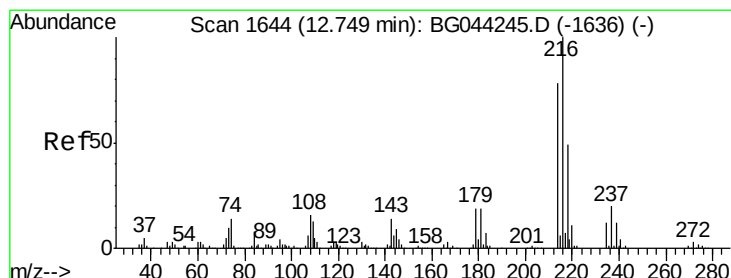
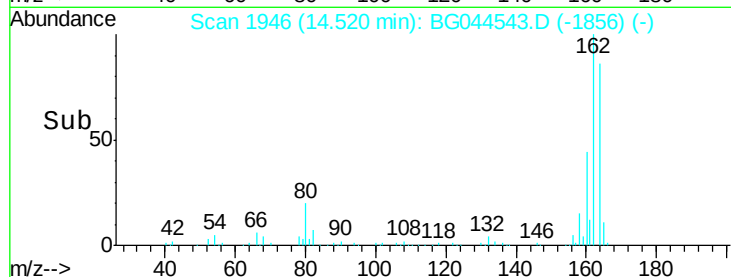
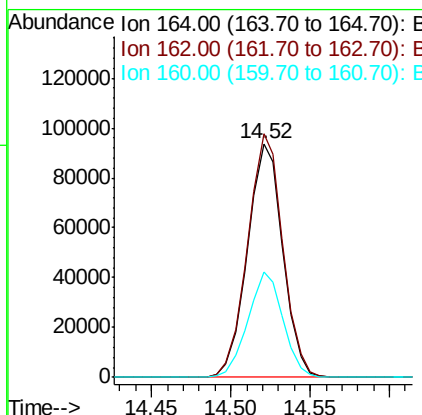
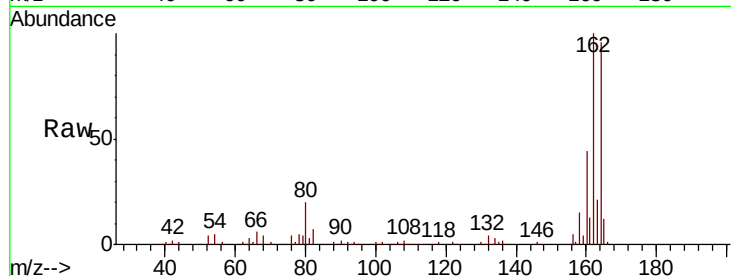
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.9	122.9
160	45.3	35.5	53.3

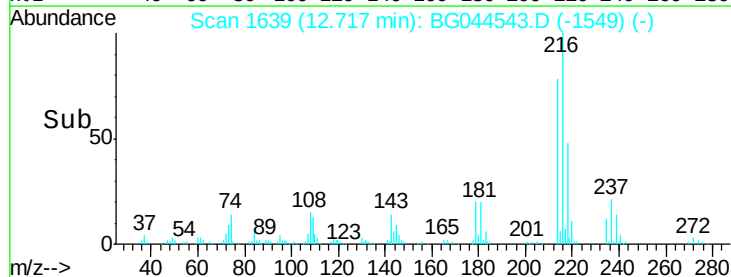
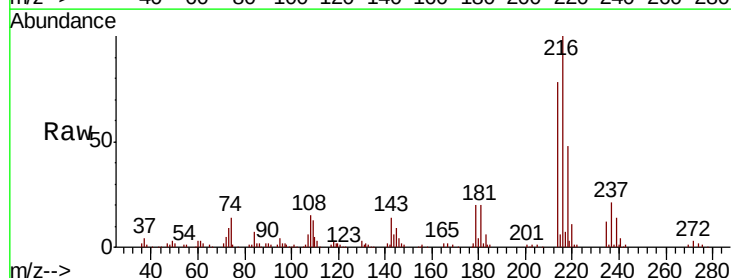
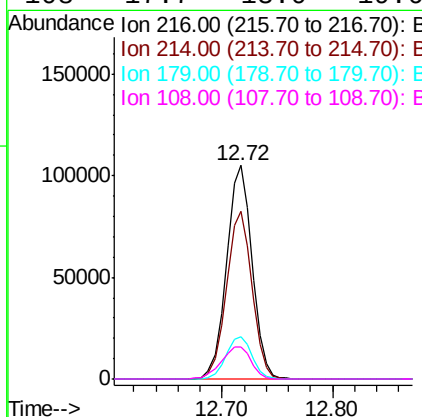
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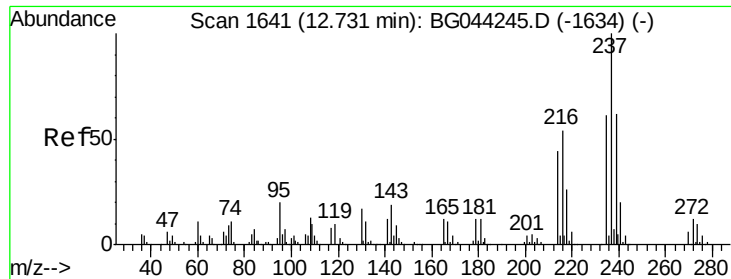
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.281 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.0	96.0
179	20.0	16.3	24.5
108	17.7	13.0	19.6





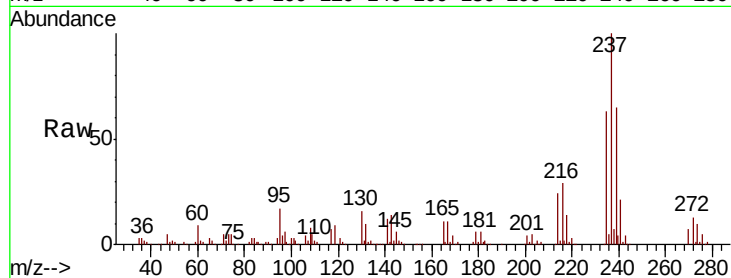
#41
Hexachlorocyclopentadiene
Concen: 80.402 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

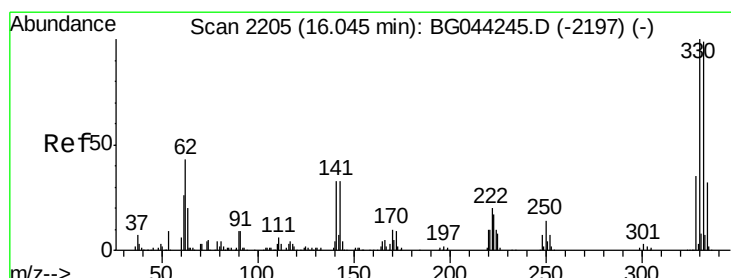
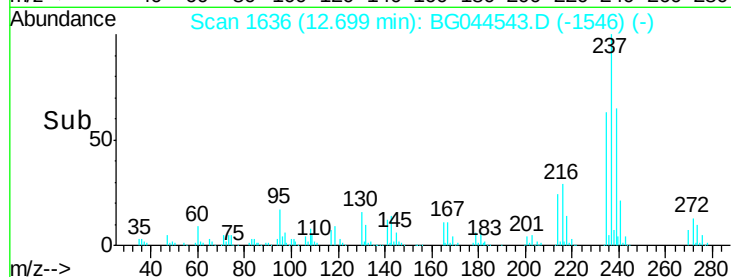
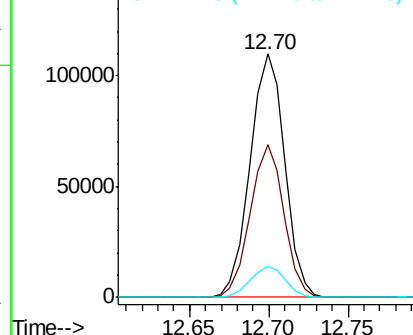
Tot Ion	Ratio	Resp	Lower	Upper
237	100	166809		
235	62.6		41.7	81.7
272	12.9		0.0	33.4

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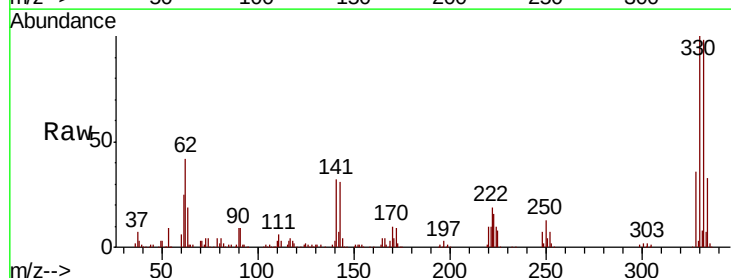


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

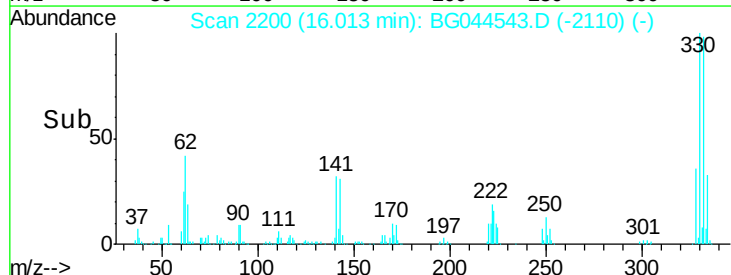
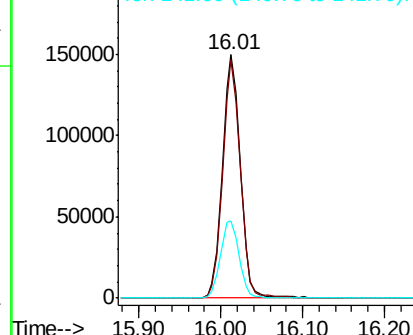


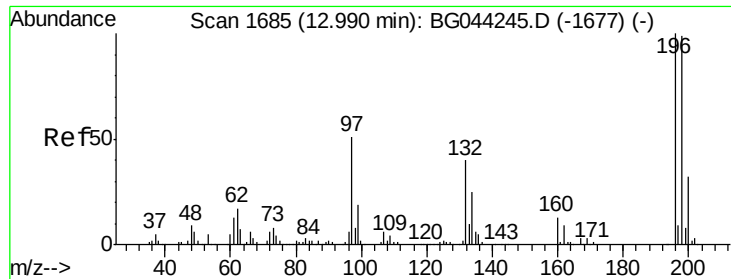
#42
2,4,6-Tribromophenol
Concen: 135.097 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	229242		
332	95.6		76.6	115.0
141	33.2		26.5	39.7



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





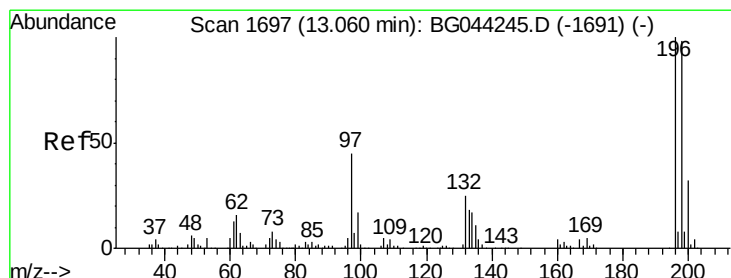
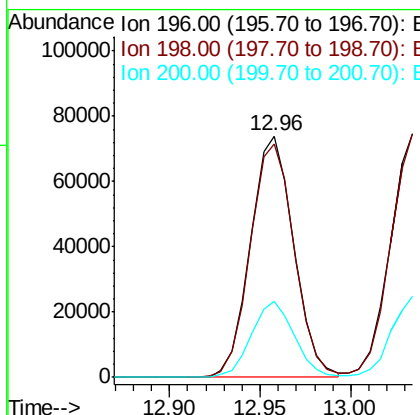
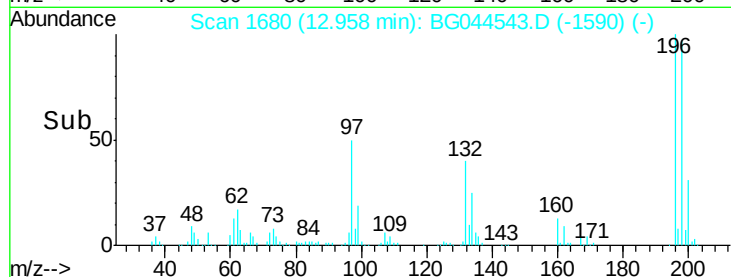
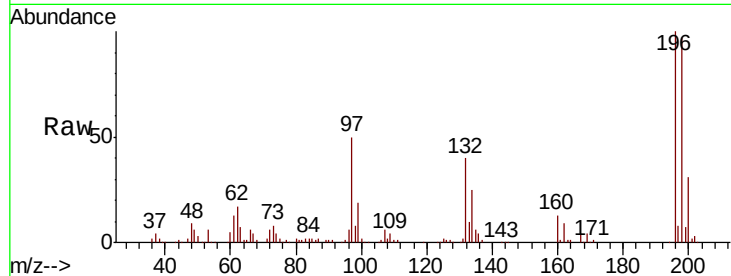
#43
 2,4,6-Trichlorophenol
 Concen: 43.698 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion:	196	Resp:	122127
Ion Ratio	Lower	Upper	
196	100		
198	96.9	77.8	116.8
200	31.4	25.6	38.4

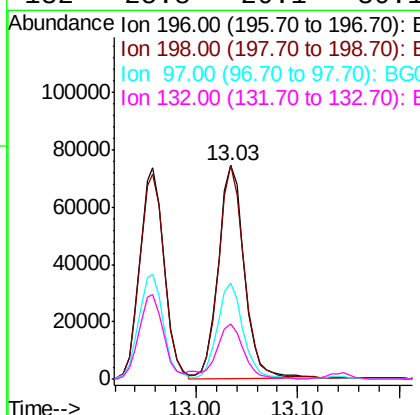
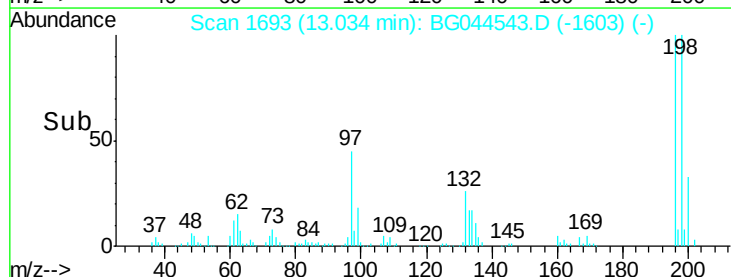
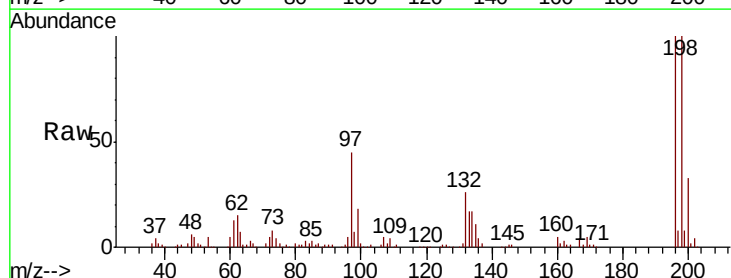
Manual Integrations
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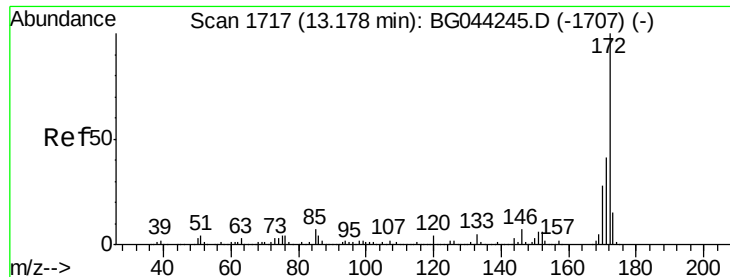
mohammad
 2/24/2020 3:30:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.408 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion:	196	Resp:	132477
Ion Ratio	Lower	Upper	
196	100		
198	99.9	79.9	119.9
97	45.0	35.2	52.8
132	25.8	20.1	30.1





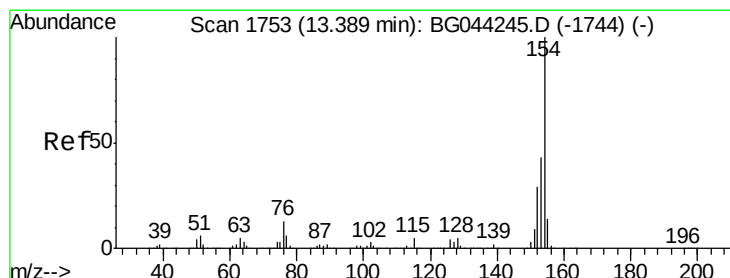
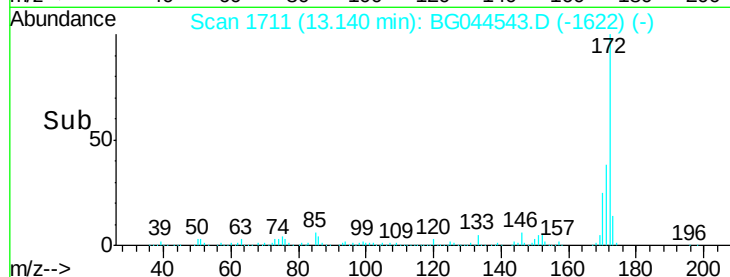
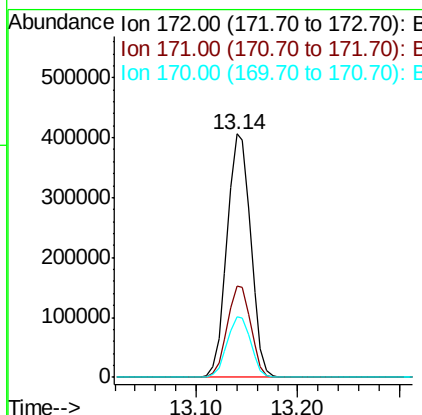
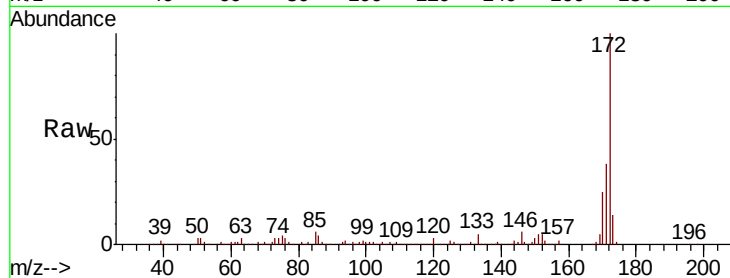
#45
2-Fluorobiphenyl
Concen: 76.269 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampled :
PB126933BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.3	48.5
170	25.1	21.6	32.4

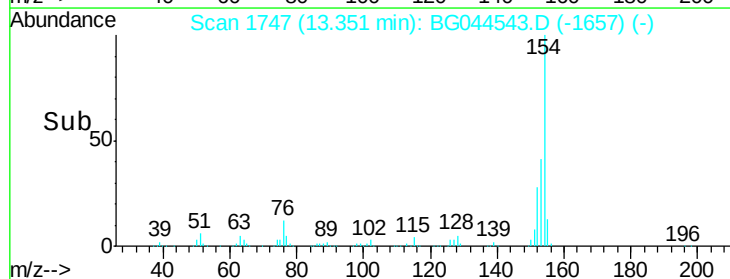
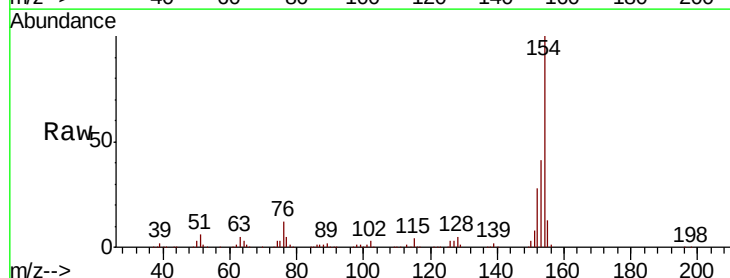
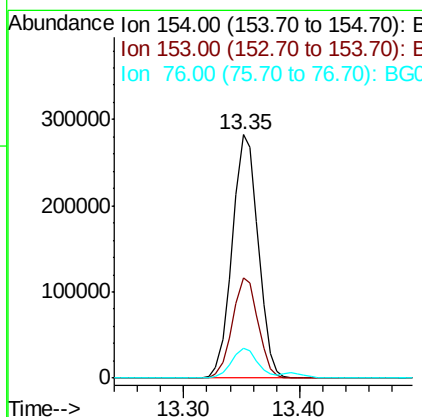
Manual Integrations
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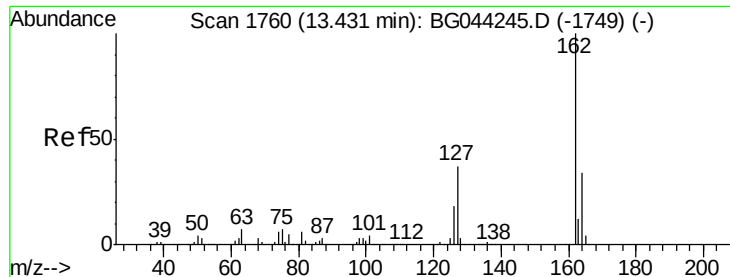
mohammad
2/24/2020 3:30:14 PM



#46
1,1'-Biphenyl
Concen: 42.122 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.3	62.3
76	12.3	0.0	32.7





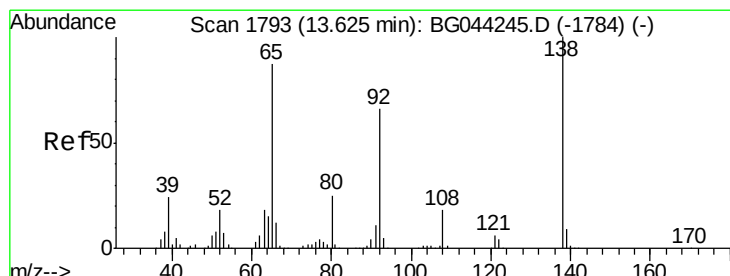
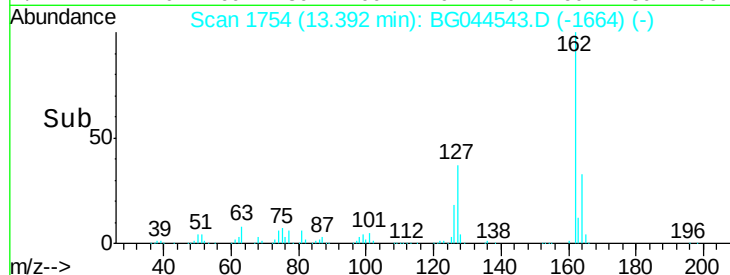
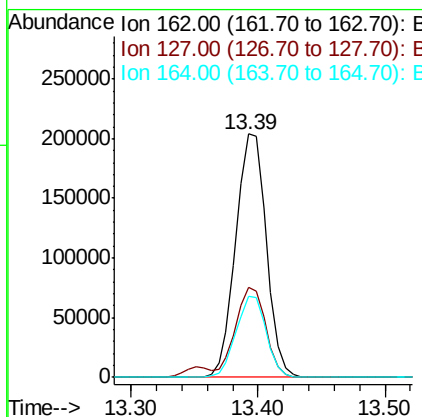
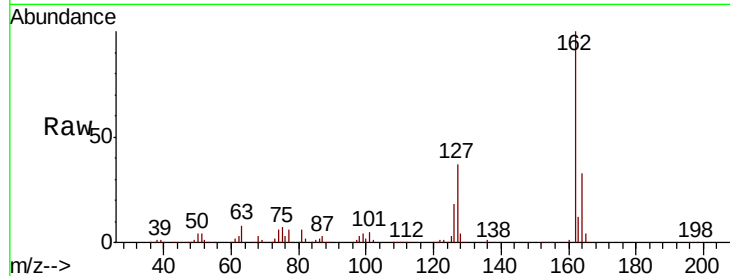
#47
 2-Chloronaphthalene
 Concen: 41.061 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.8	31.0	46.6
164	33.4	27.4	41.2

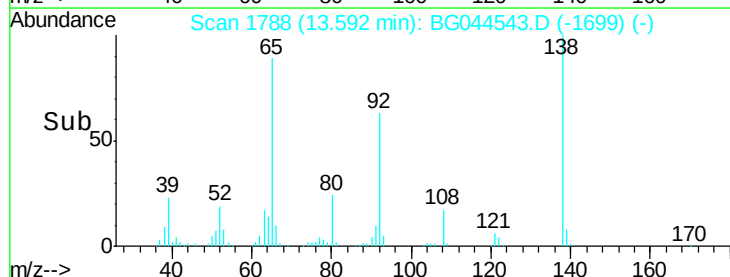
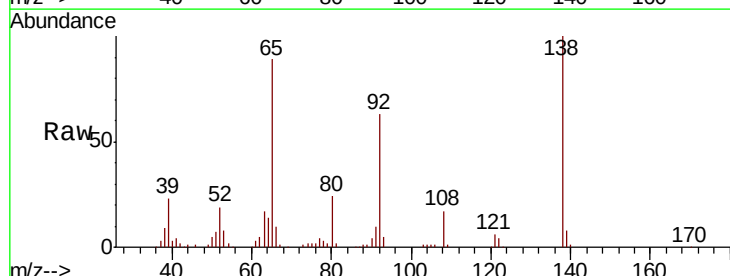
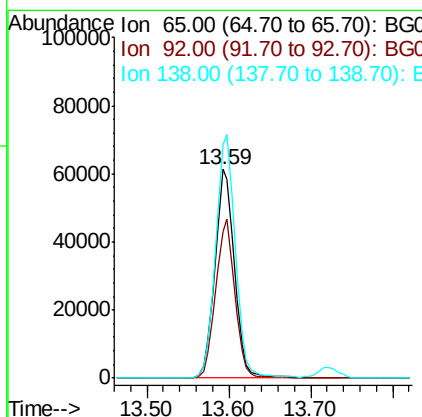
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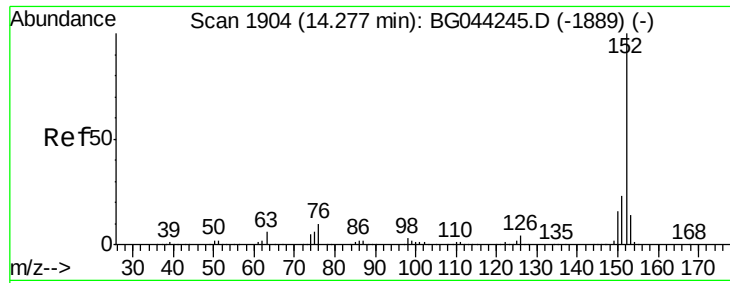
mohammad
 2/24/2020 3:30:14 PM



#48
 2-Nitroaniline
 Concen: 41.867 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.0	61.2	91.8
138	111.8	95.2	142.8





#49

Acenaphthylene

Concen: 45.101 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

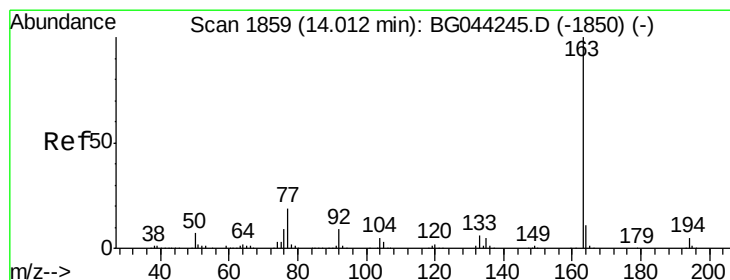
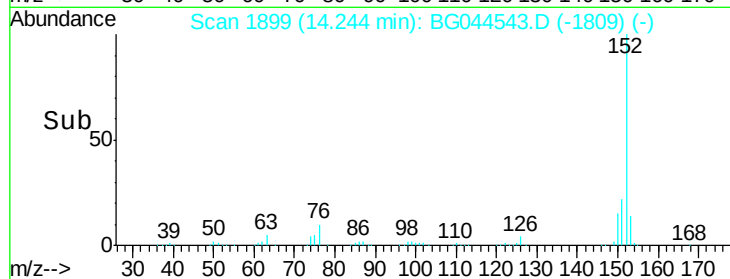
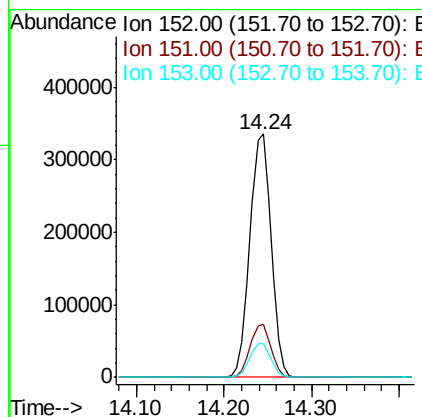
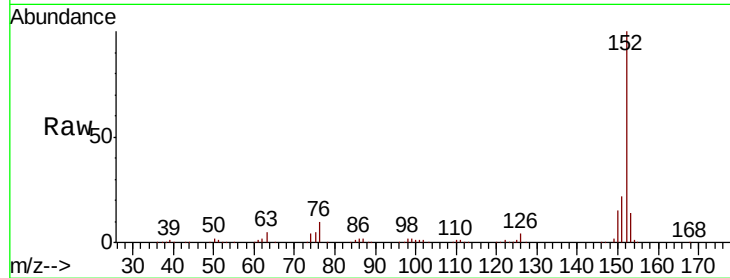
ClientSampleId :

PB126933BS

Tot Ion:	152	Resp:	548824
Ion Ratio	Lower	Upper	
152	100		
151	21.5	18.2	27.2
153	13.8	11.6	17.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.917 ng

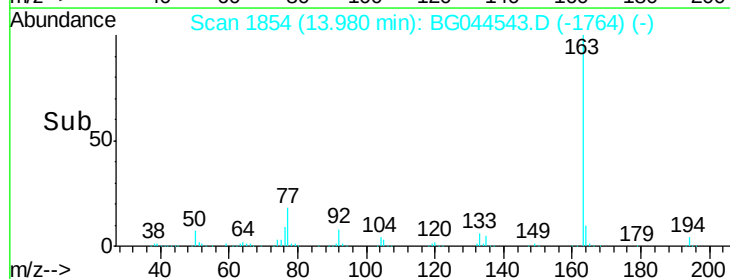
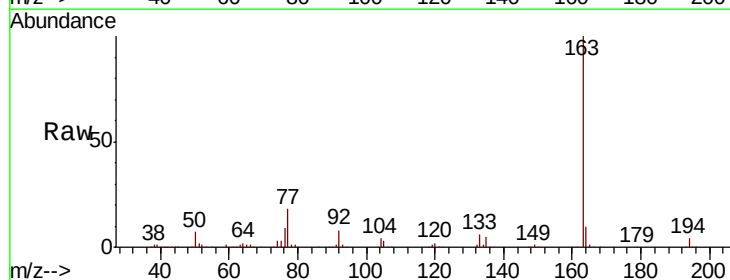
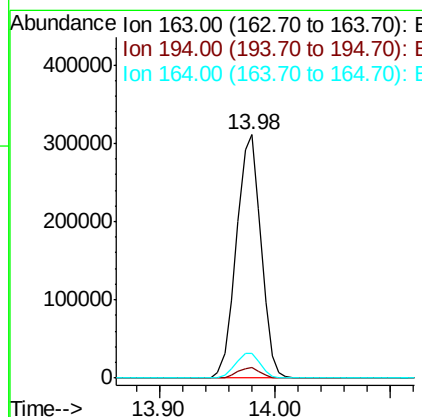
RT: 13.98 min Scan# 1854

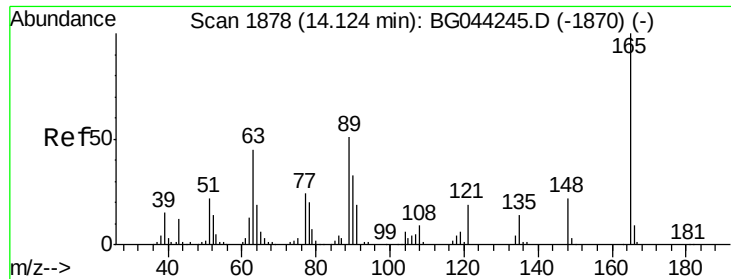
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:	163	Resp:	456304
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.4	8.9	13.3





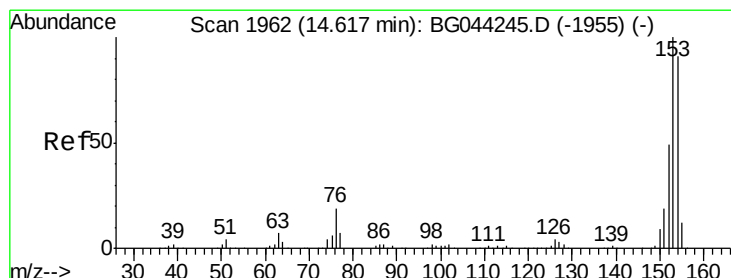
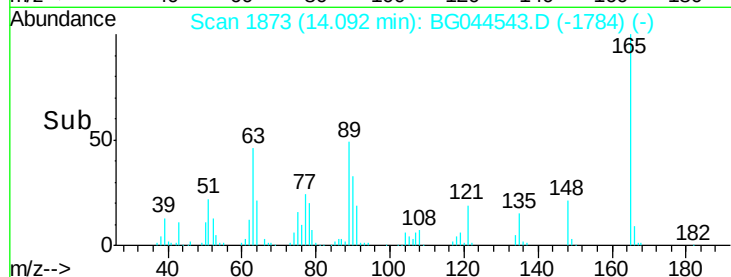
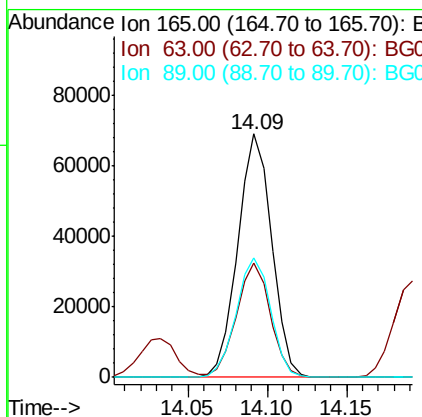
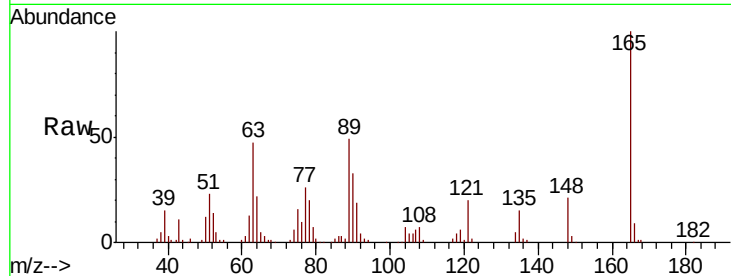
#51
 2,6-Dinitrotoluene
 Concen: 44.289 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	102604		
63	47.1		35.0	52.6
89	49.1		39.5	59.3

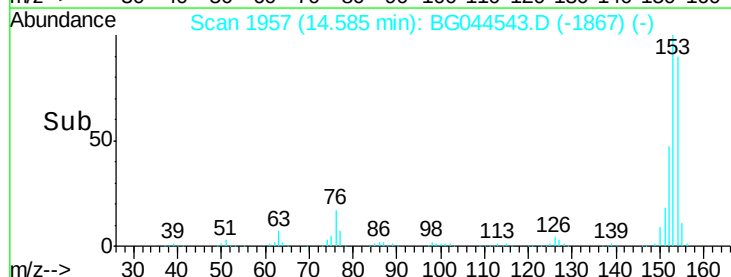
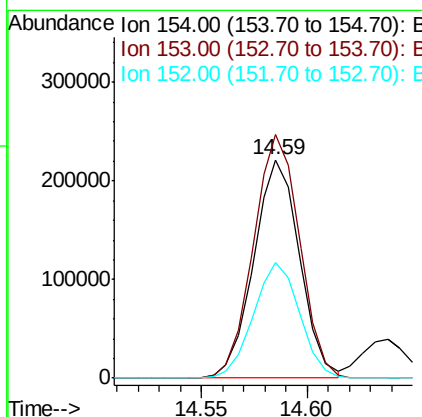
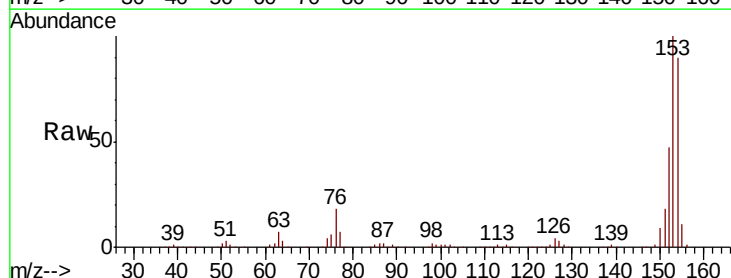
Manual Integrations
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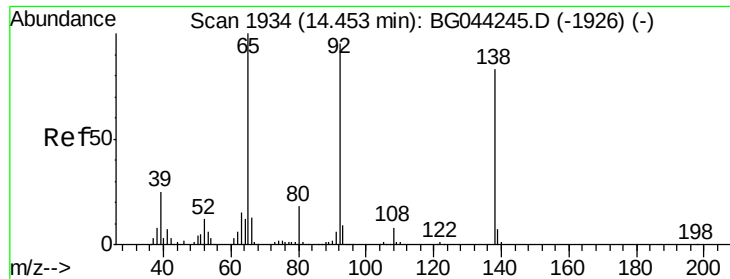
mohammad
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#52
 Acenaphthene
 Concen: 42.469 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	334971		
153	111.6		88.6	133.0
152	52.7		43.6	65.4





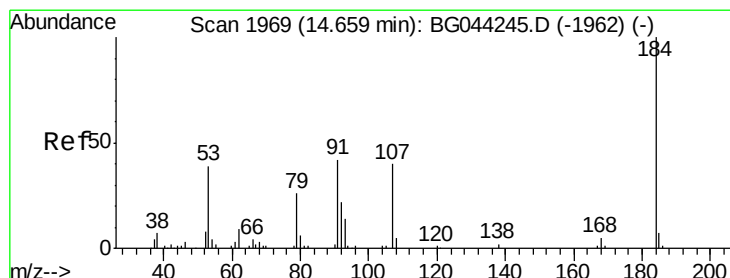
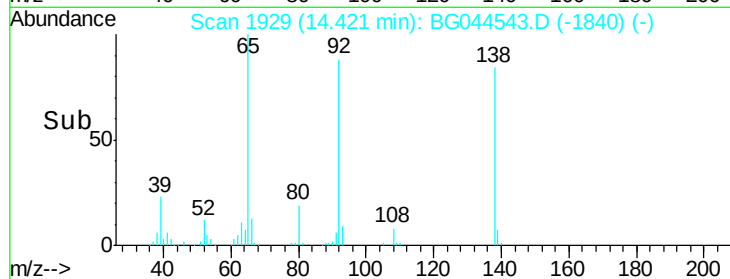
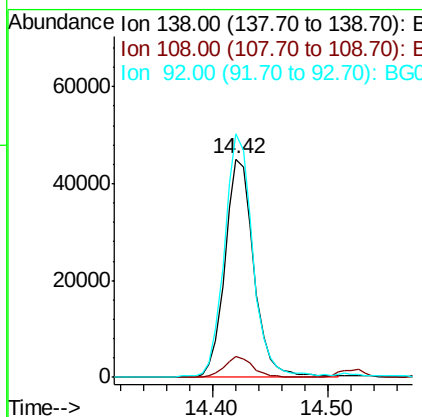
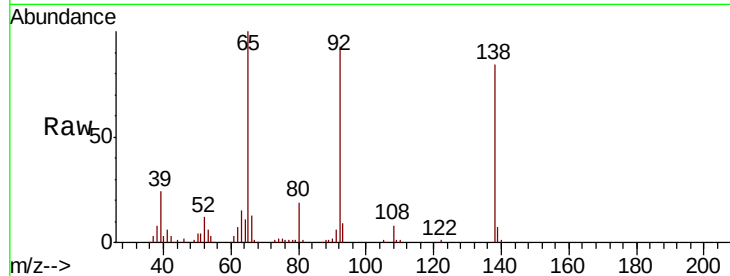
#53
 3-Nitroaniline
 Concen: 30.543 ng
 RT: 14.42 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.2	12.4
92	111.4	89.7	134.5

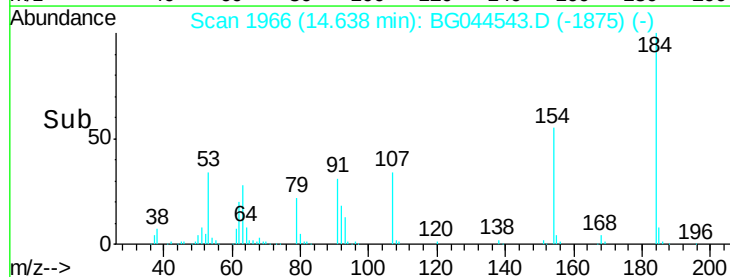
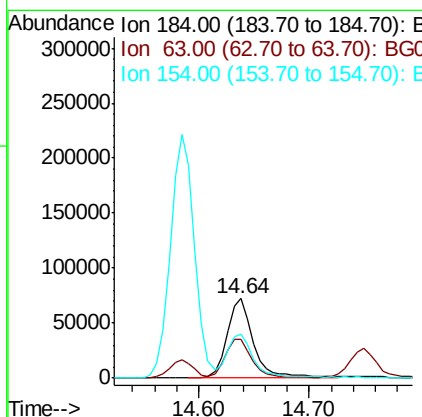
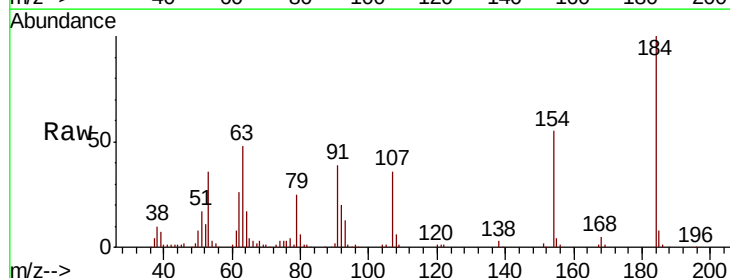
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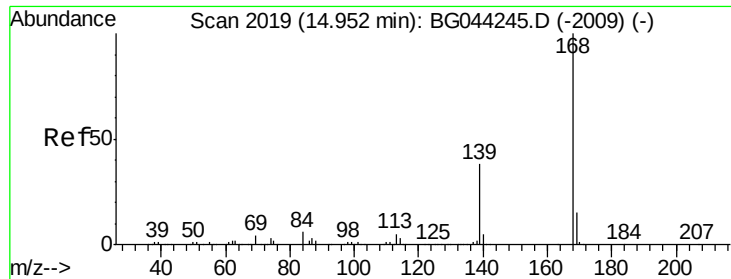
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 87.764 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.3	43.8	65.8
154	55.1	46.6	70.0





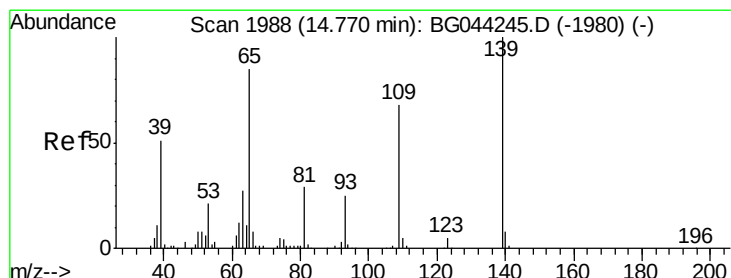
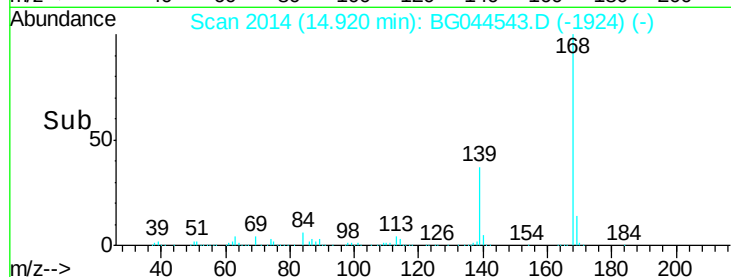
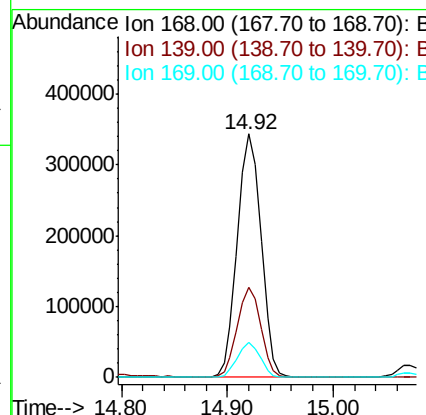
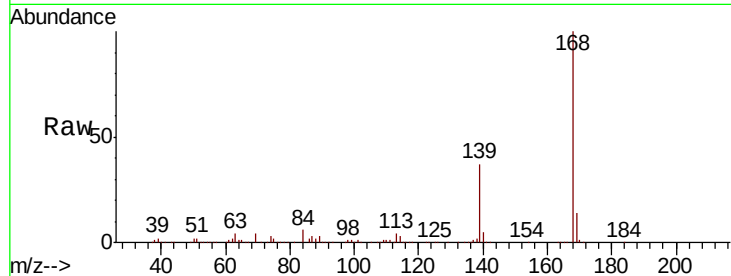
#55
Dibenzofuran
Concen: 44.690 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.8	46.2
169	14.5	12.2	18.4

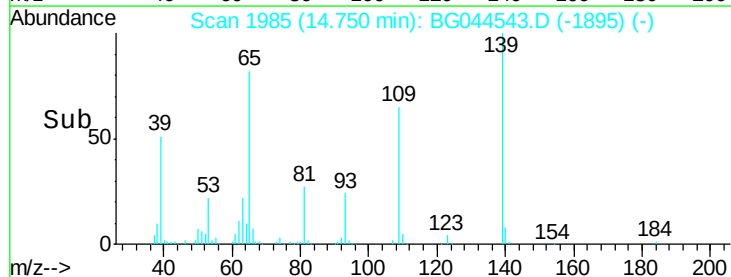
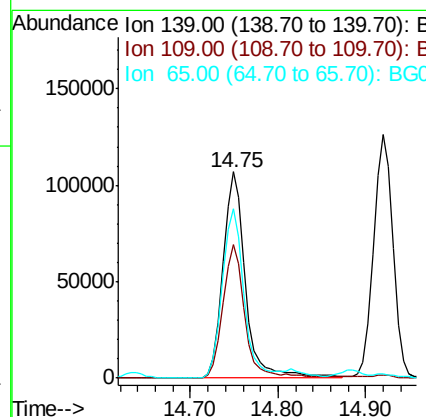
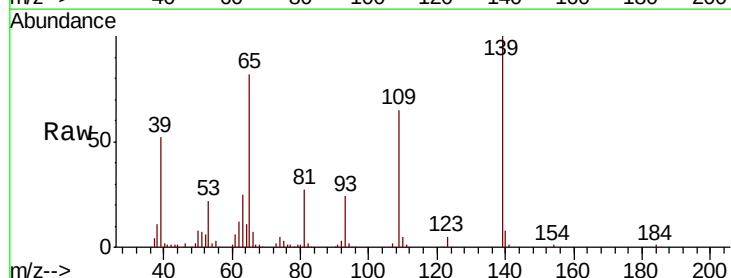
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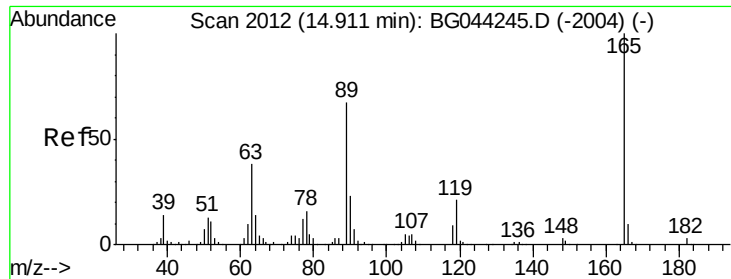
mohammad
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#56
4-Nitrophenol
Concen: 101.873 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	44.0	84.0
65	82.2	62.3	102.3





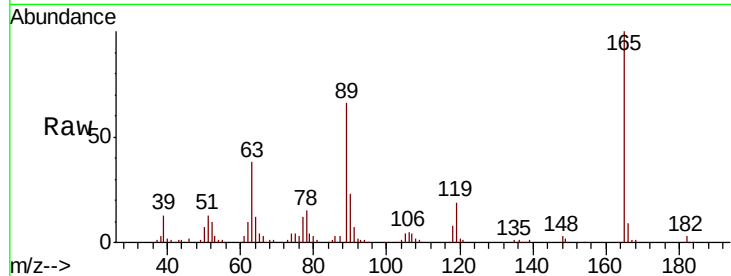
#57
2,4-Dinitrotoluene
Concen: 46.019 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

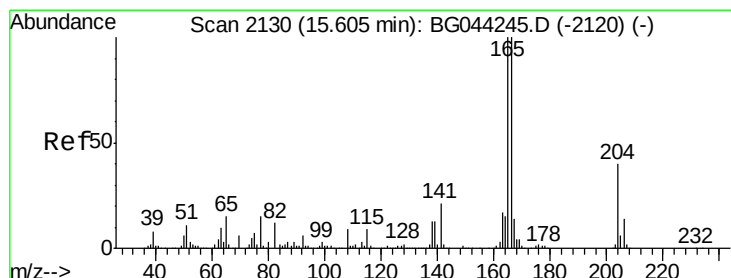
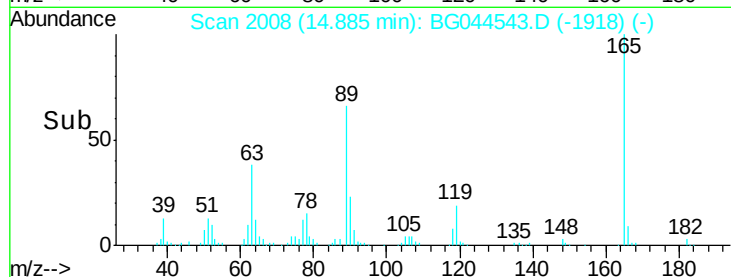
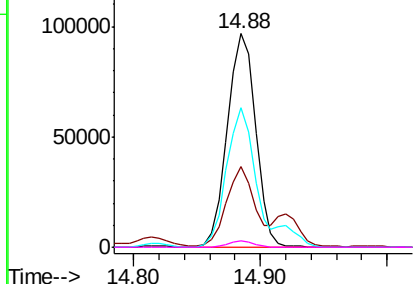
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		149424		
63	38.0	28.6	42.8		
89	65.5	50.7	76.1		
182	2.8	2.1	3.1		

Manual Integrations
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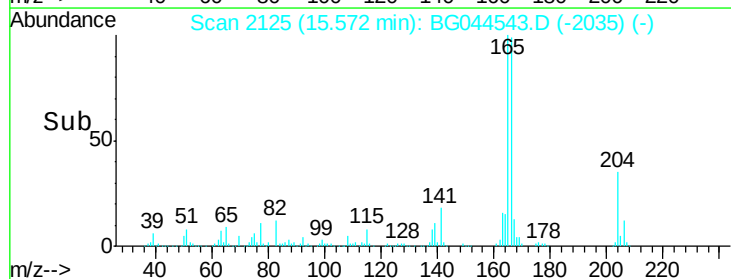
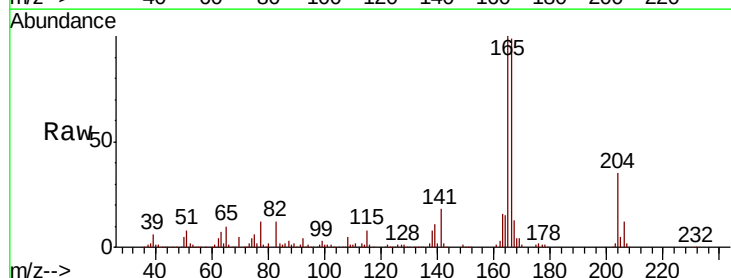
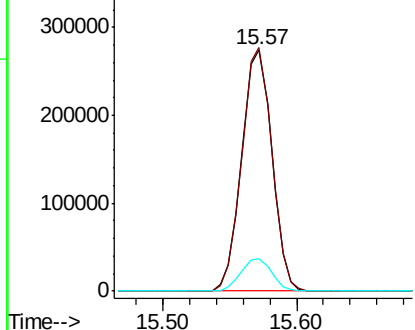
Abundance Ion 165.00 (164.70 to 165.70): E
150000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

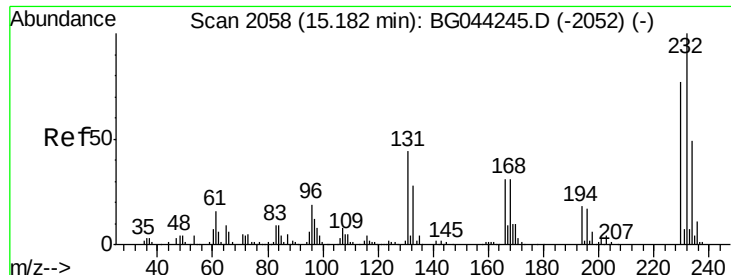


#58
Fluorene
Concen: 45.549 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		428429		
165	100.8	79.3	118.9		
167	13.5	11.4	17.2		

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.652 ng

RT: 15.16 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

PB126933BS

Tot Ion:232 Resp: 120290
Ion Ratio Lower Upper

232 100

131 40.8 31.8 47.8

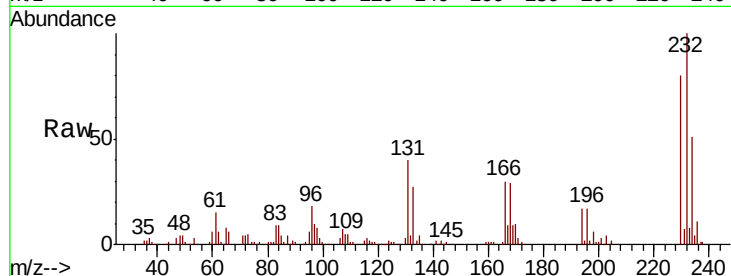
130 2.5 1.8 2.8

166 31.4 23.2 34.8

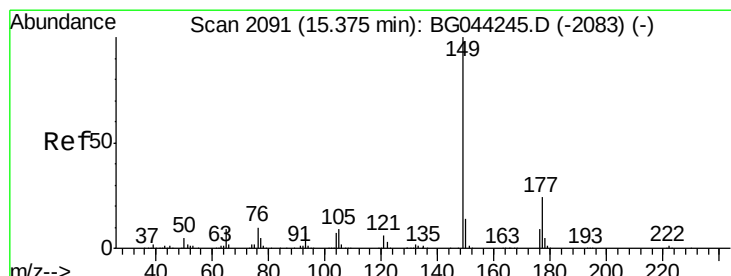
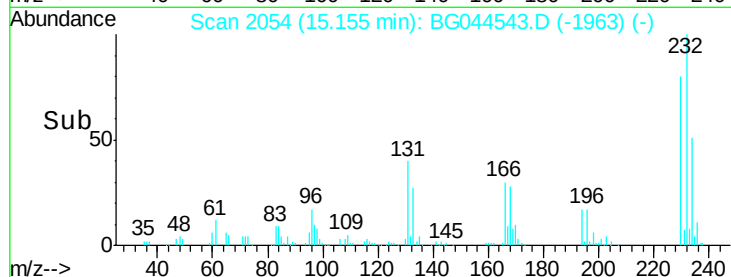
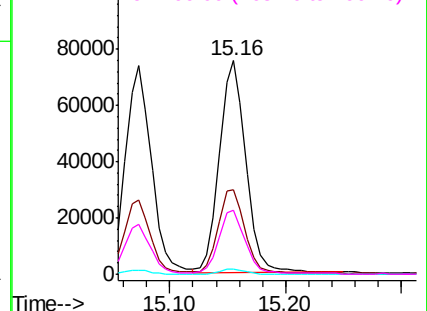
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.171 ng

RT: 15.34 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG044543.D

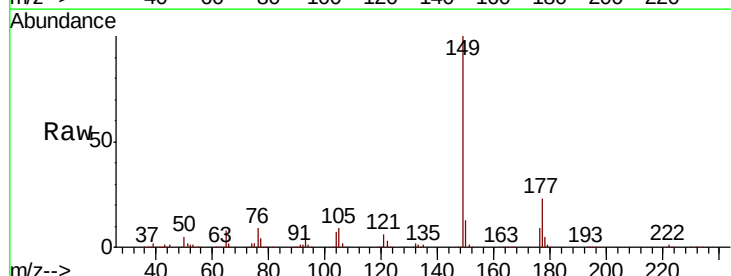
Acq: 21 Feb 2020 11:01

Tgt Ion:149 Resp: 467658
Ion Ratio Lower Upper

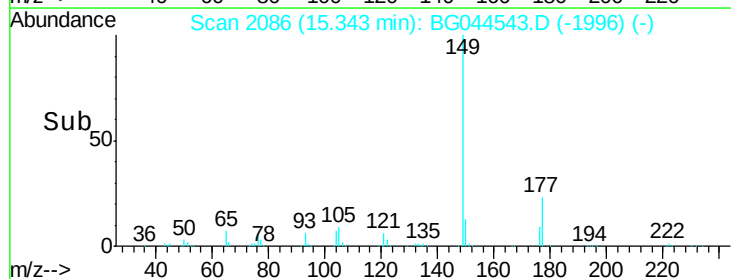
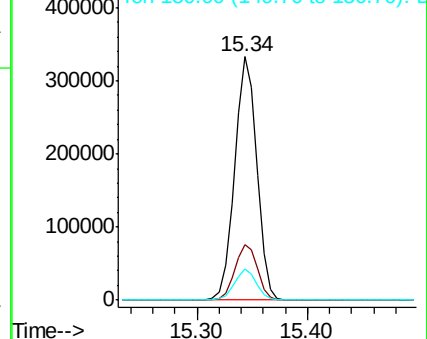
149 100

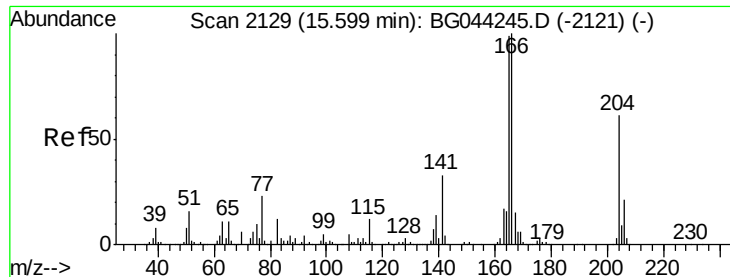
177 22.8 19.3 28.9

150 12.9 10.6 15.8



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





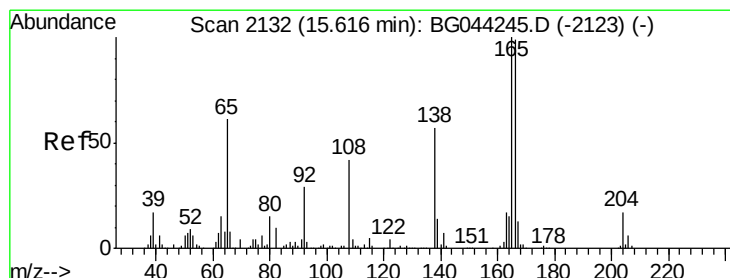
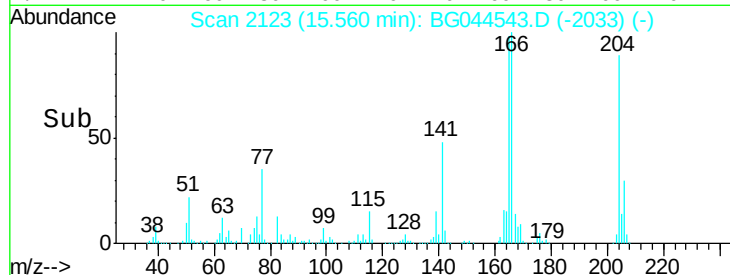
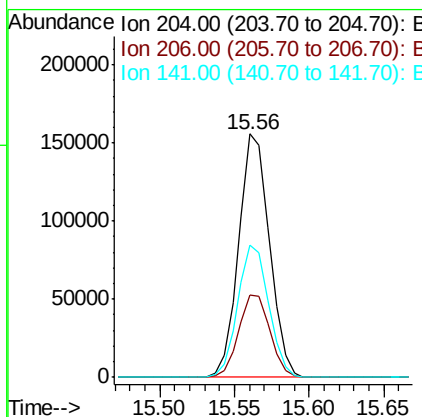
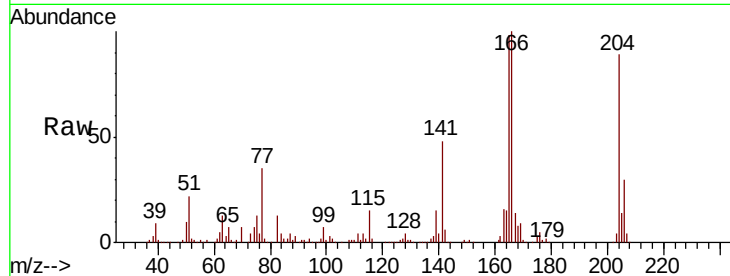
#61
4-Chlorophenyl-phenylether
Concen: 43.746 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	223101		
206	34.1	28.6	42.8	
141	54.5	43.9	65.9	

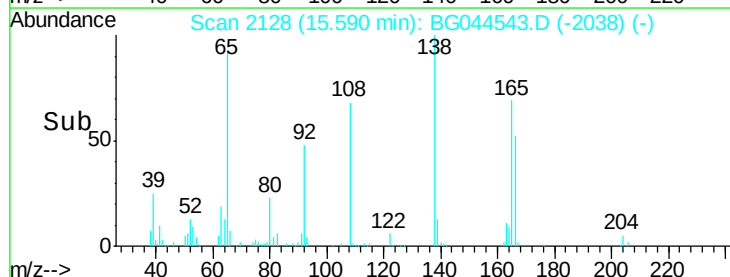
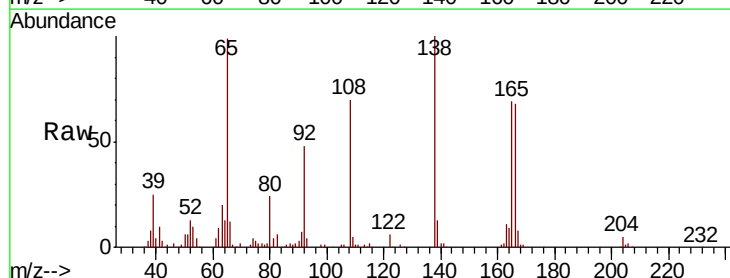
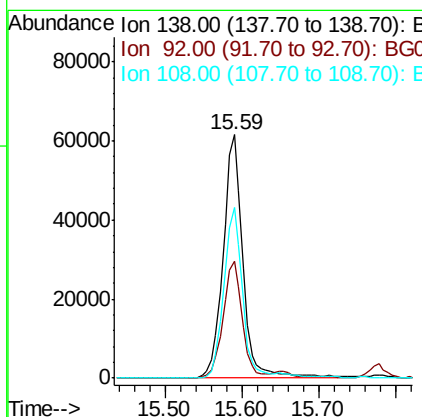
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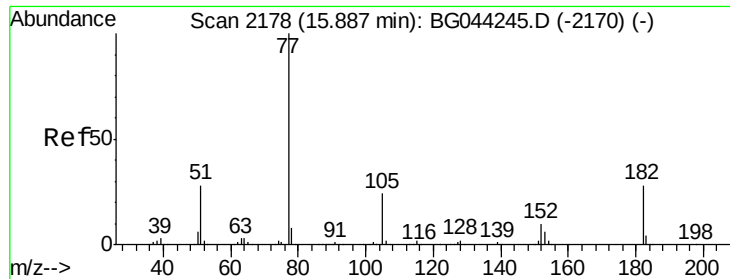
mohammad
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#62
4-Nitroaniline
Concen: 42.912 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	109902		
92	47.8	30.7	70.7	
108	70.3	51.9	91.9	





#63

Azobenzene

Concen: 44.644 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

PB126933BS

Tot Ion: 77 Resp: 405092

Ion Ratio Lower Upper

77 100

182 27.6 8.8 48.8

105 22.4 4.0 44.0

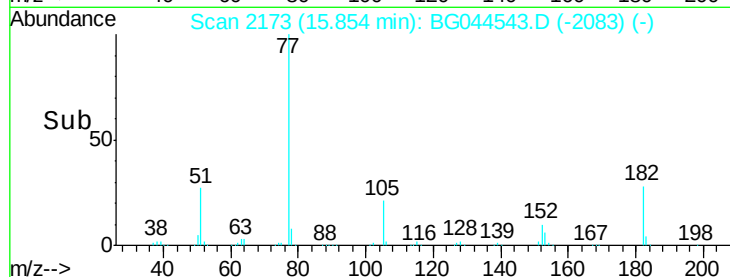
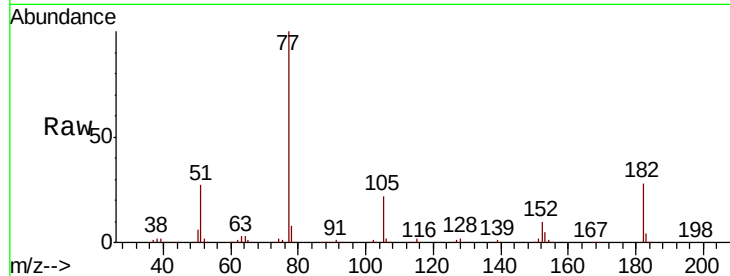
51 27.4 7.3 47.3

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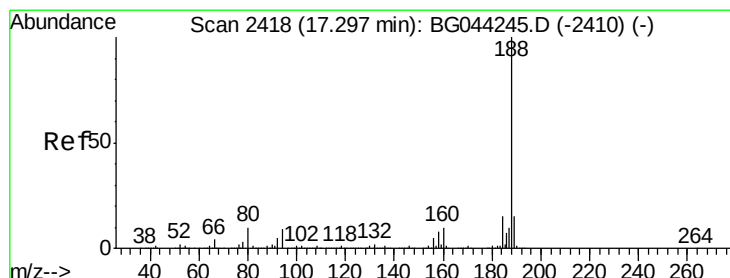
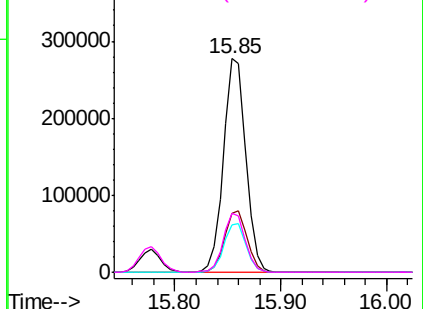


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

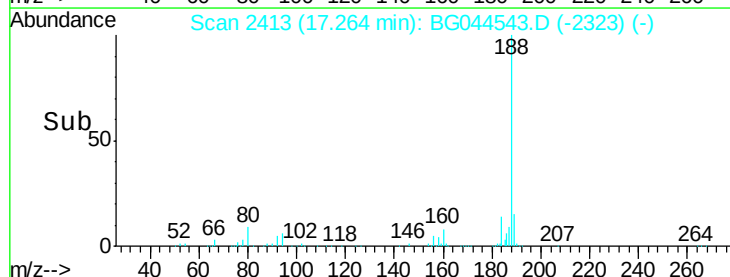
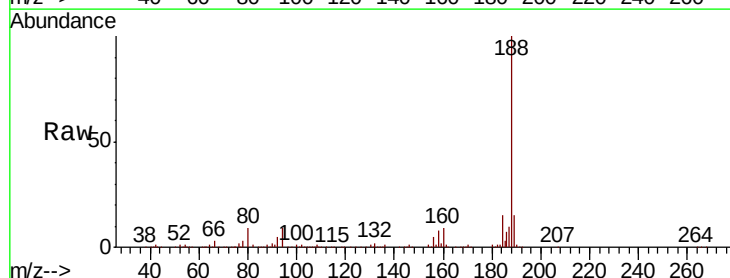
Tgt Ion: 188 Resp: 348006

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

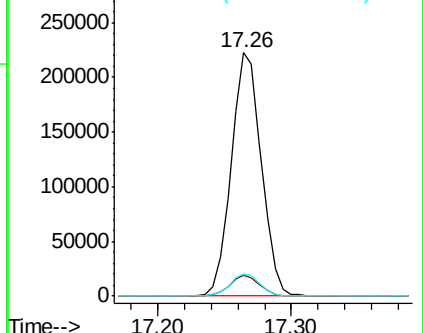
80 9.1 7.8 11.6

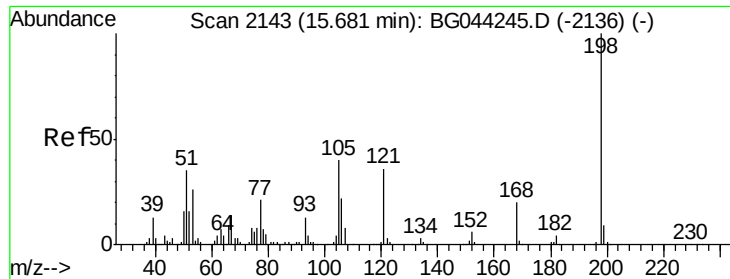


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





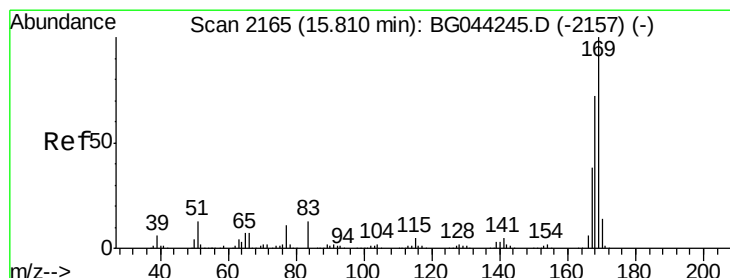
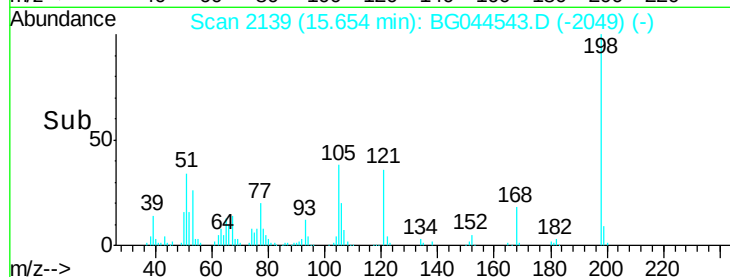
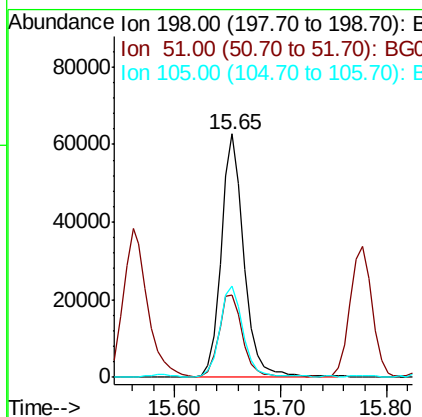
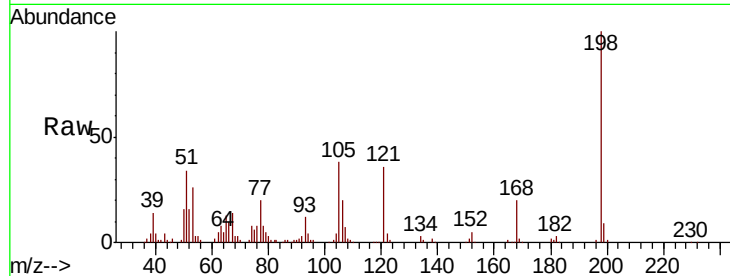
#65
4,6-Dinitro-2-methylphenol
Concen: 48.851 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.8	17.9	57.9
105	37.6	19.8	59.8

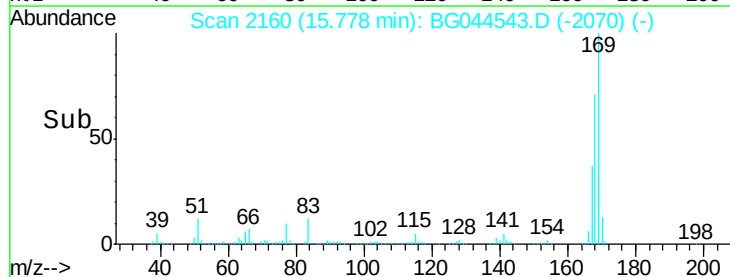
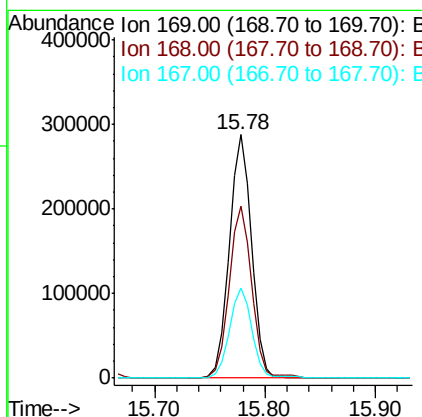
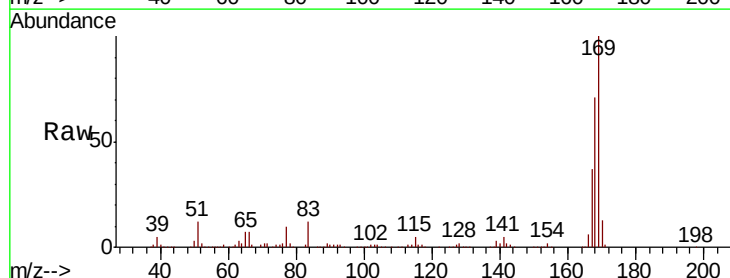
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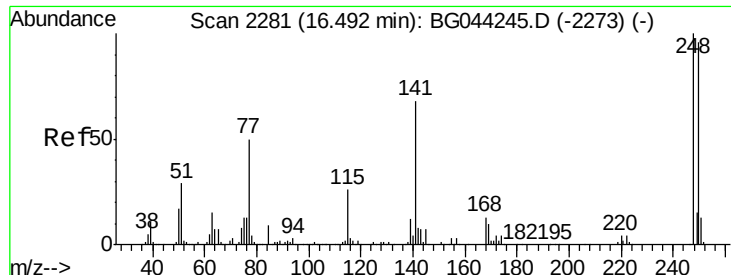
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#66
n-Nitrosodiphenylamine
Concen: 41.731 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	56.8	85.2
167	37.0	29.6	44.4





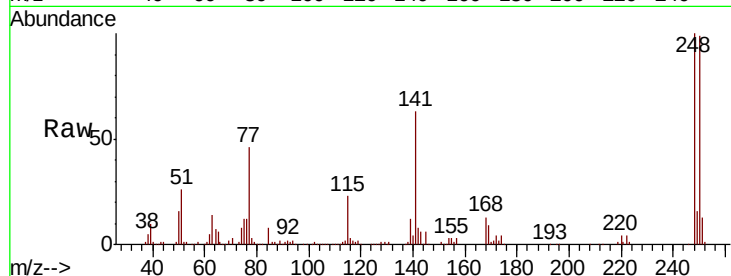
#67
 4-Bromophenyl-phenylether
 Concen: 39.839 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.8	115.2
141	63.5	50.0	75.0

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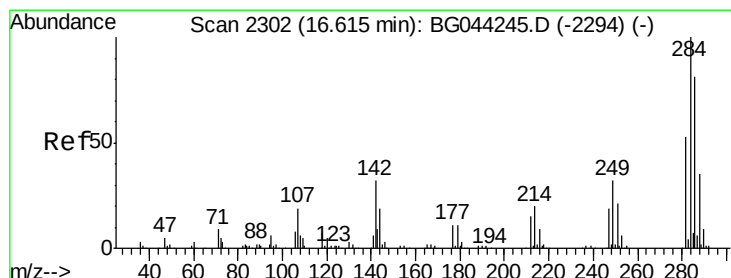
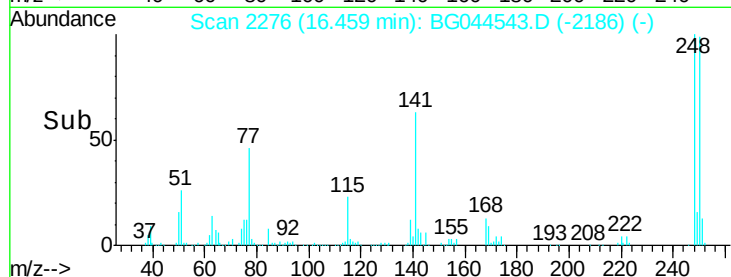
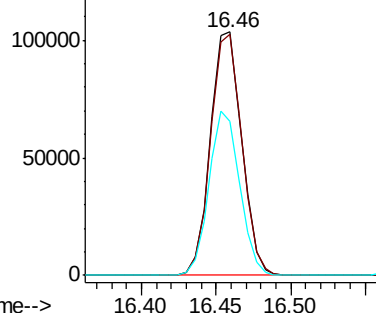


Abundance

Ion 248.00 (247.70 to 248.70): E

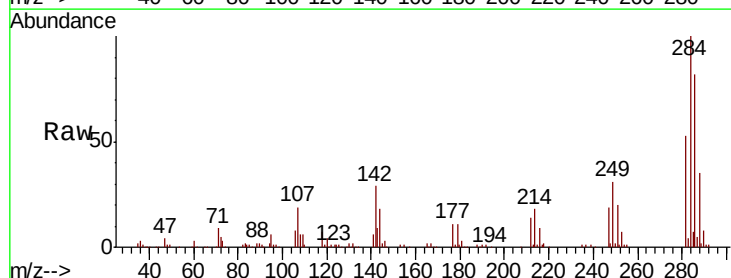
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.593 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	24.6	36.8
249	31.2	24.9	37.3

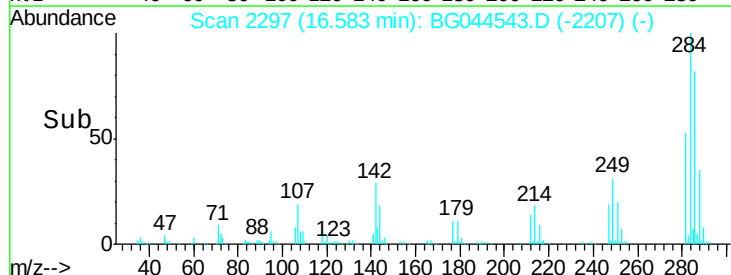
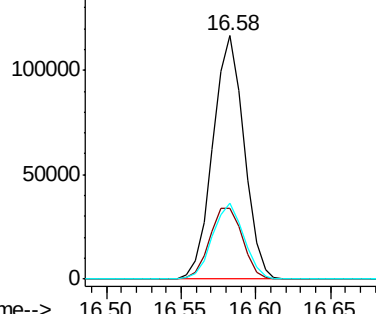


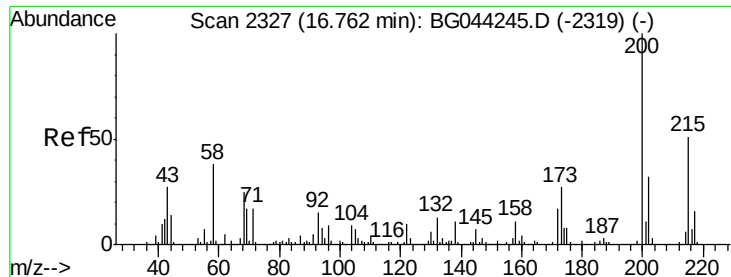
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





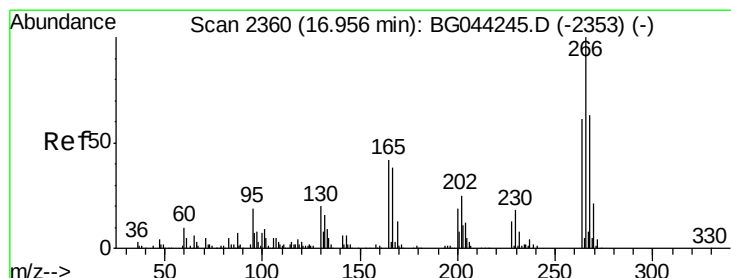
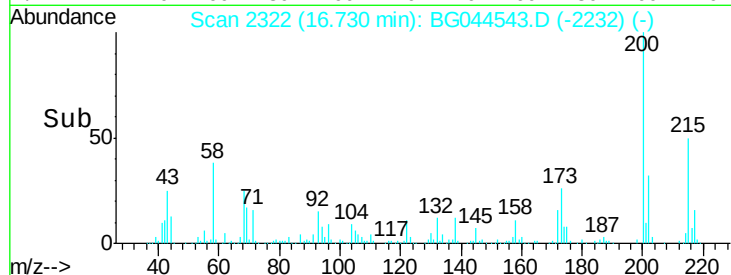
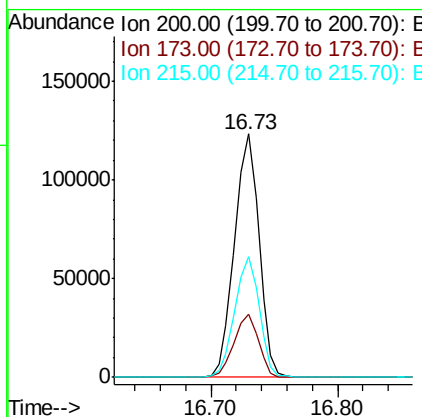
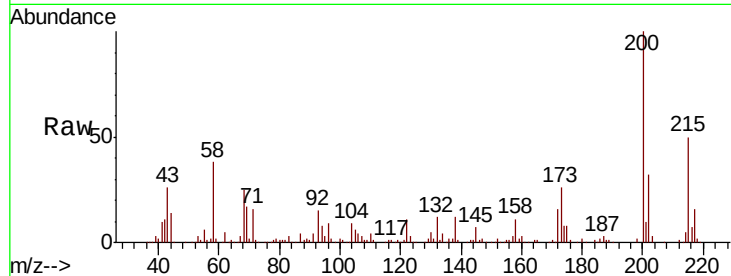
#69
 Atrazine
 Concen: 49.521 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	5.6	45.6
215	49.8	30.3	70.3

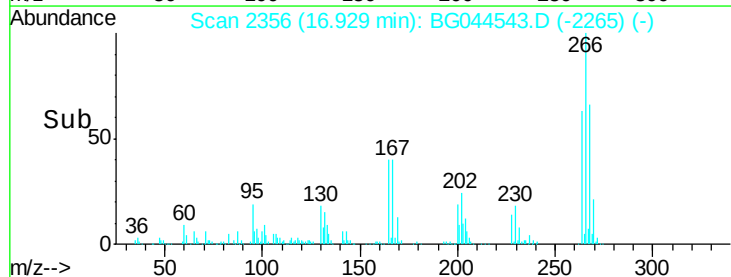
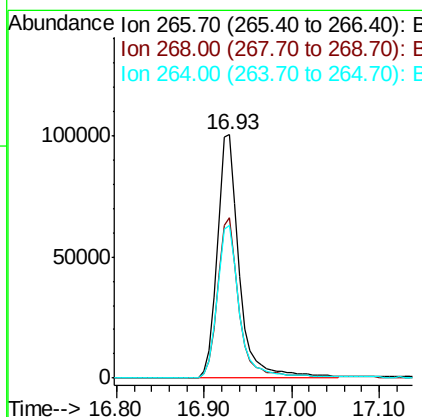
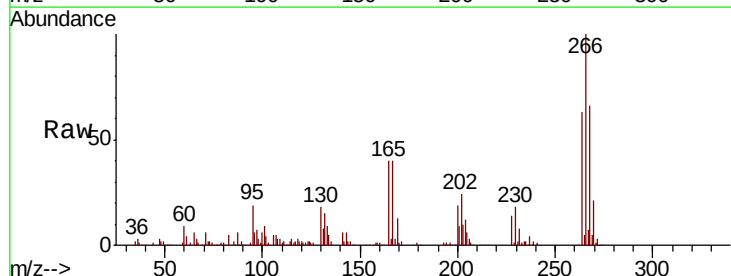
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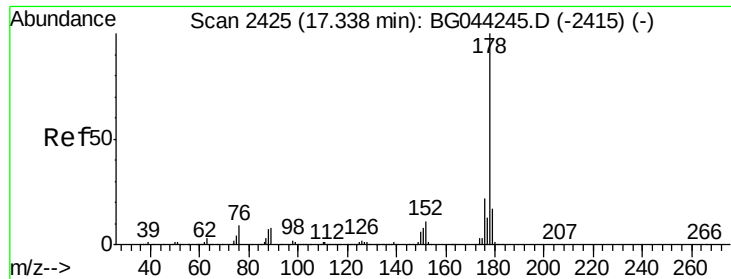
mohammad
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#70
 Pentachlorophenol
 Concen: 82.077 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.8	51.6	77.4
264	62.8	49.8	74.8





#71

Phenanthrene

Concen: 43.909 ng

RT: 17.31 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

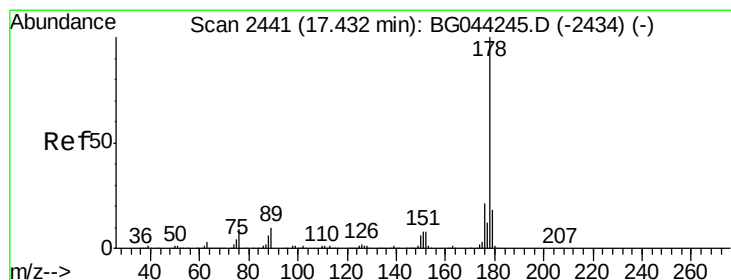
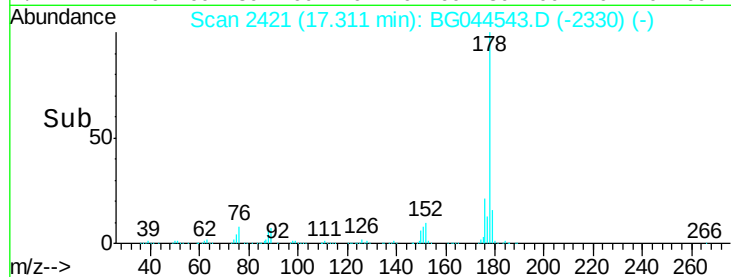
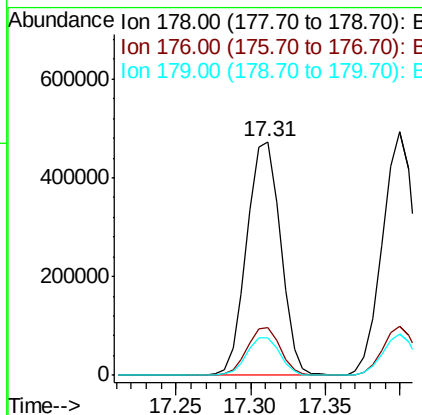
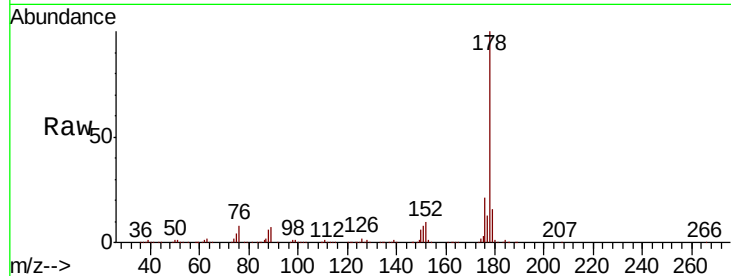
ClientSampleId :

PB126933BS

Tot Ion:178	Resp:	739944
Ion Ratio	Lower	Upper
178	100	
176	20.5	17.4 26.0
179	16.1	13.8 20.6

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#72

Anthracene

Concen: 45.390 ng

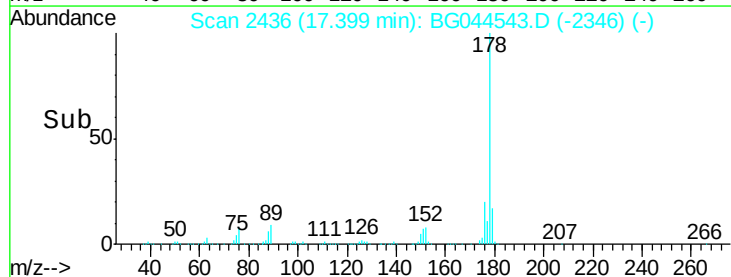
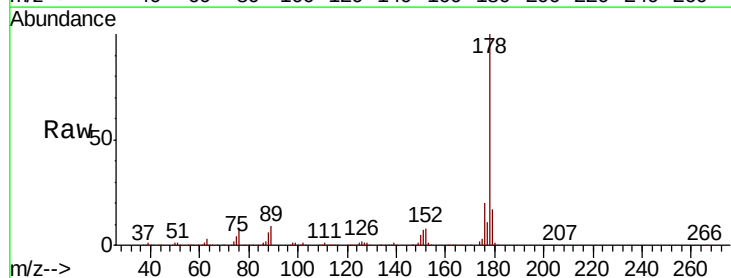
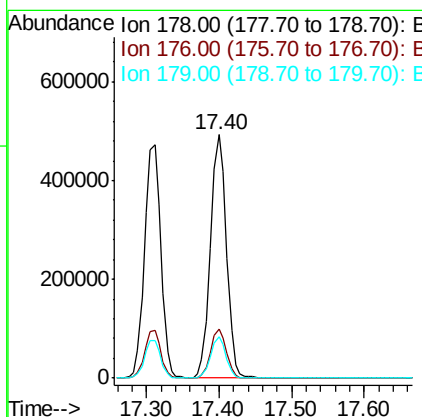
RT: 17.40 min Scan# 2436

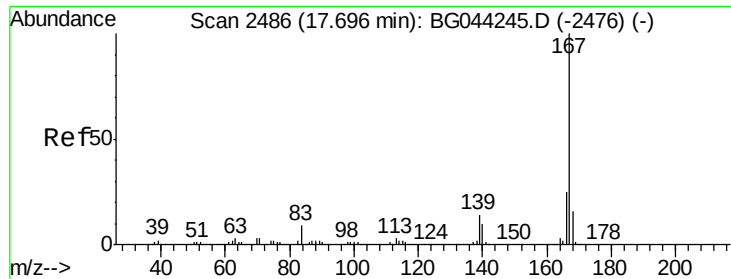
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:178	Resp:	756229
Ion Ratio	Lower	Upper
178	100	
176	20.3	17.1 25.7
179	16.8	13.9 20.9





#73

Carbazole

Concen: 45.928 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

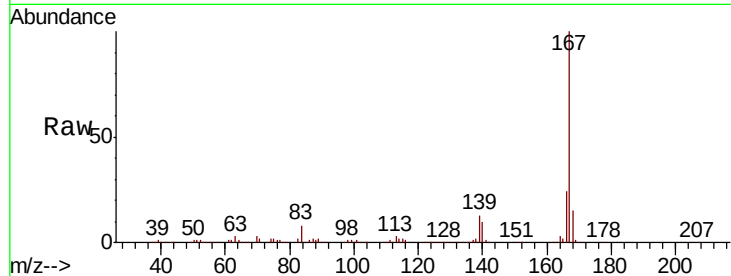
ClientSampleId :

PB126933BS

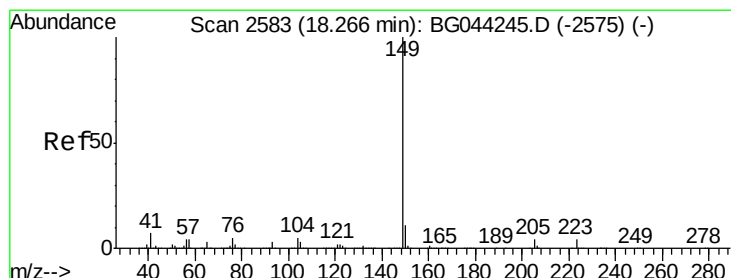
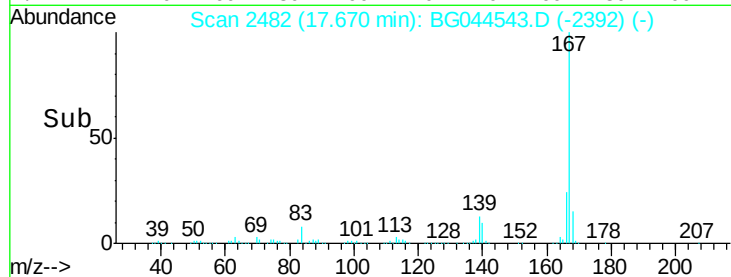
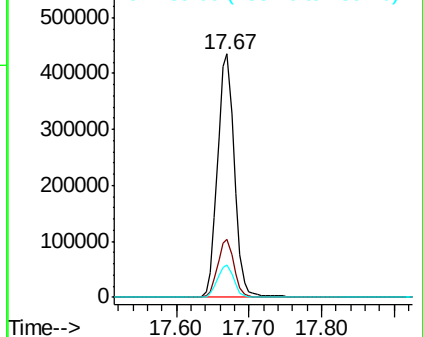
Tot Ion:	167	Resp:	705406
Ion Ratio	Lower	Upper	
167	100		
166	24.0	19.5	29.3
139	13.2	10.8	16.2

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



#74

Di-n-butylphthalate

Concen: 46.553 ng

RT: 18.23 min Scan# 2578

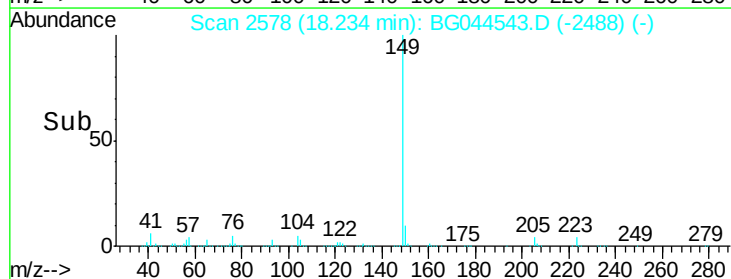
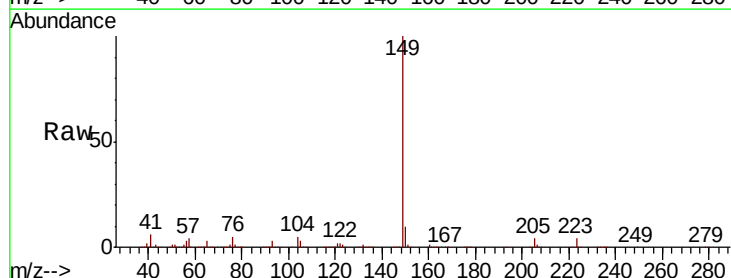
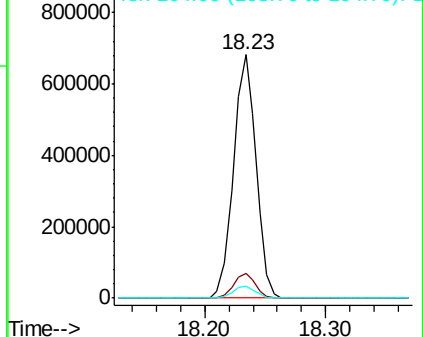
Delta R.T. -0.00 min

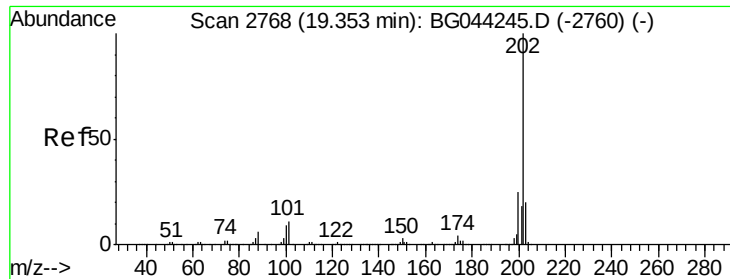
Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:	149	Resp:	883582
Ion Ratio	Lower	Upper	
149	100		
150	10.2	9.0	13.4
104	5.0	4.3	6.5

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





#75

Fluoranthene

Concen: 48.261 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

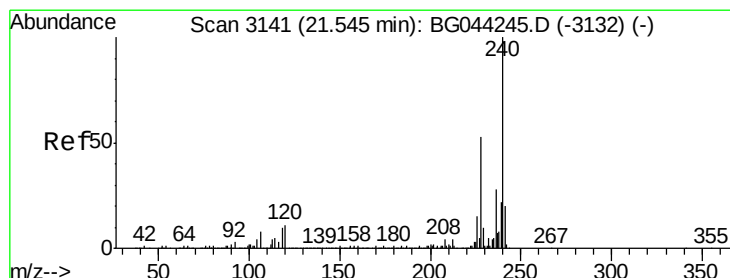
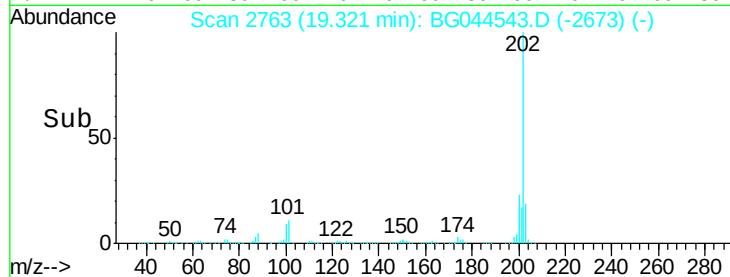
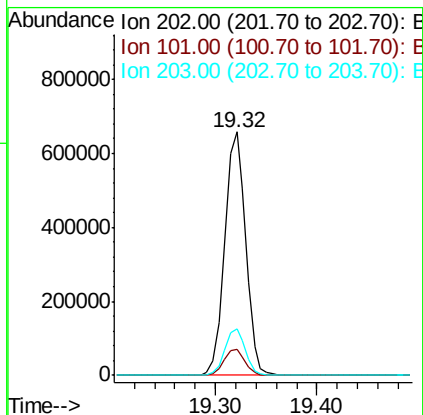
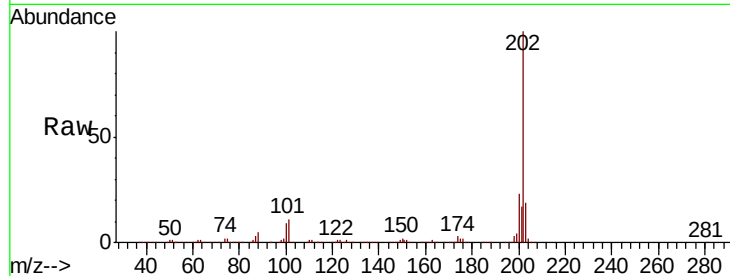
ClientSampleId :

PB126933BS

Tot Ion:	202	Resp:	940803
Ion Ratio		Lower	Upper
202	100		
101	10.6	0.0	31.4
203	19.3	0.3	40.3

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#76

Chrysene-d12

Concen: 20.000 ng

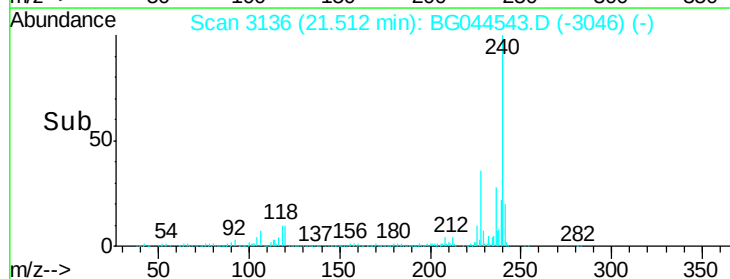
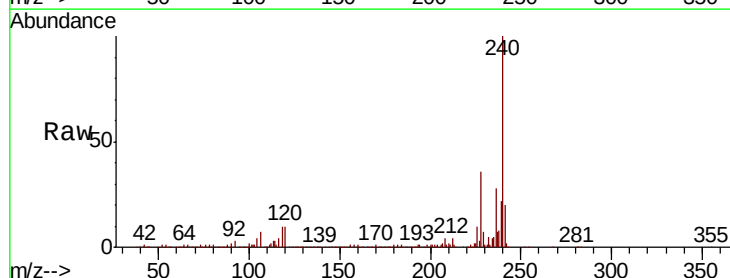
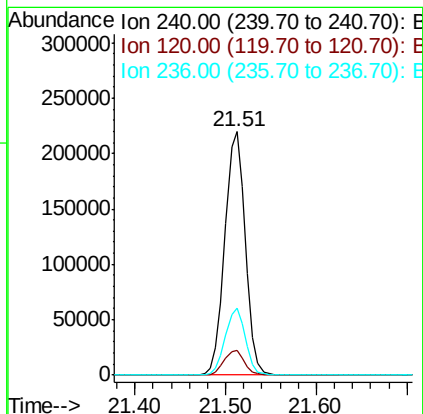
RT: 21.51 min Scan# 3136

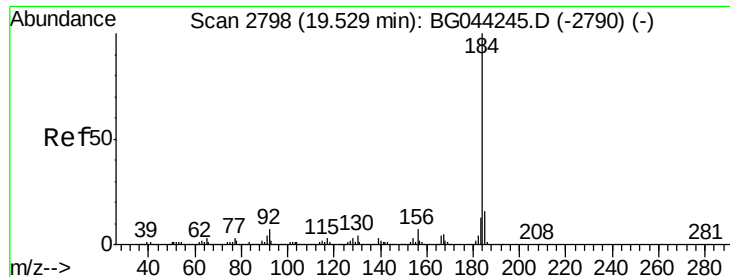
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:	240	Resp:	344861
Ion Ratio		Lower	Upper
240	100		
120	10.0	8.2	12.2
236	27.5	22.0	33.0





#77

Benzidine

Concen: 40.869 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

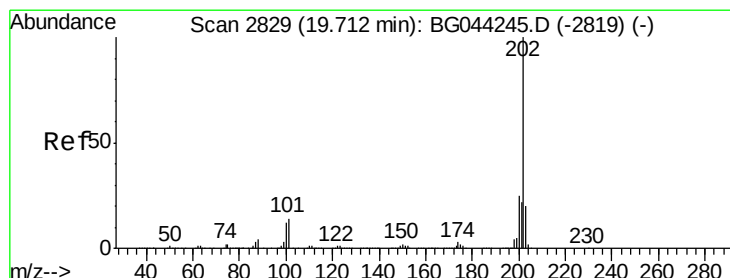
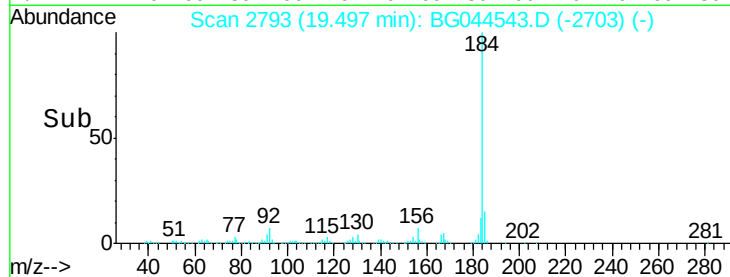
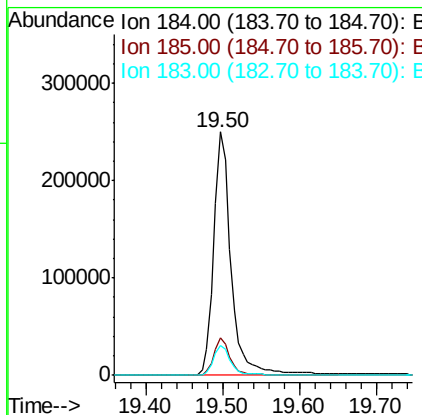
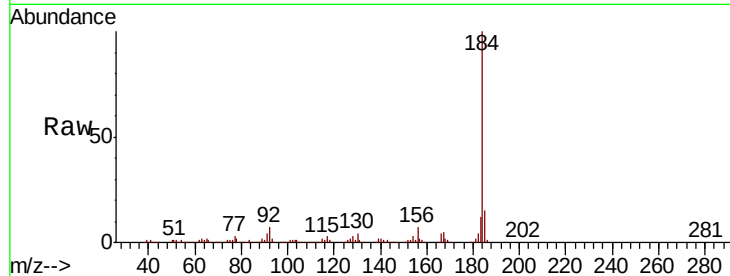
ClientSampleId :

PB126933BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	390941		
185	15.2		13.0	19.4
183	12.5		11.0	16.4

Manual Integrations
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#78

Pyrene

Concen: 42.821 ng

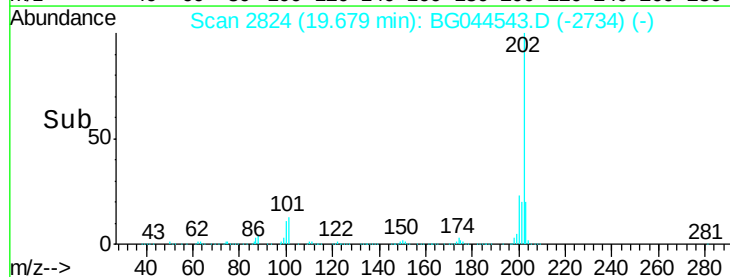
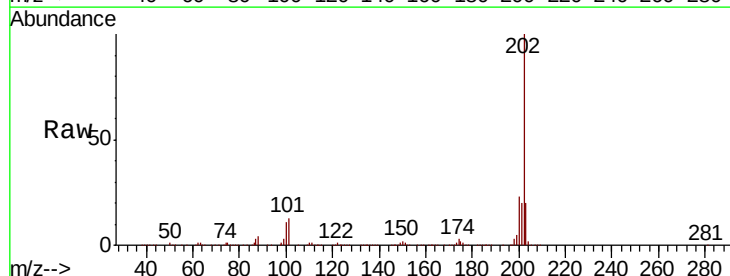
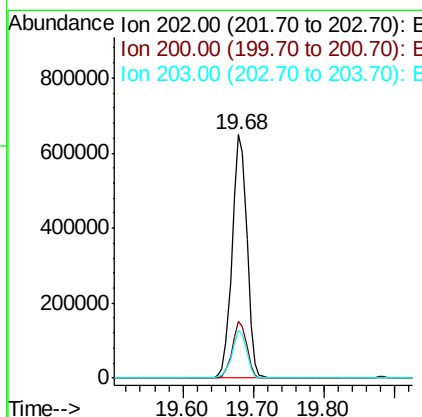
RT: 19.68 min Scan# 2824

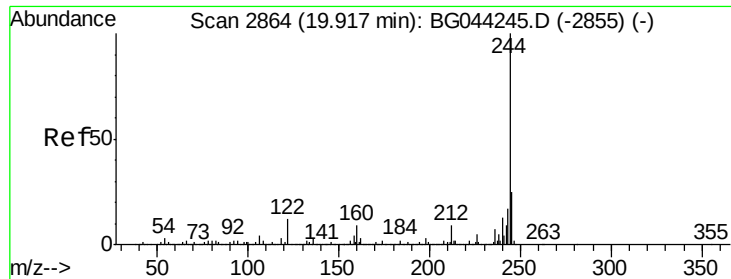
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	948361		
200	23.2		19.7	29.5
203	19.8		16.8	25.2





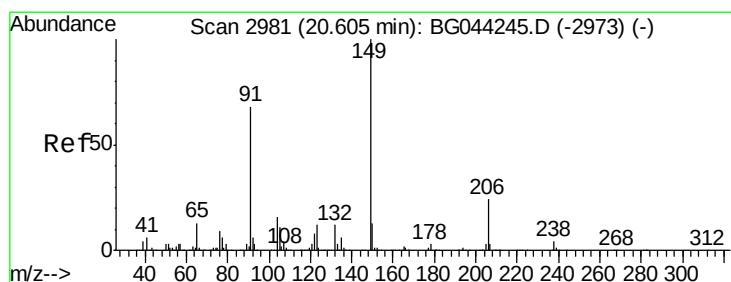
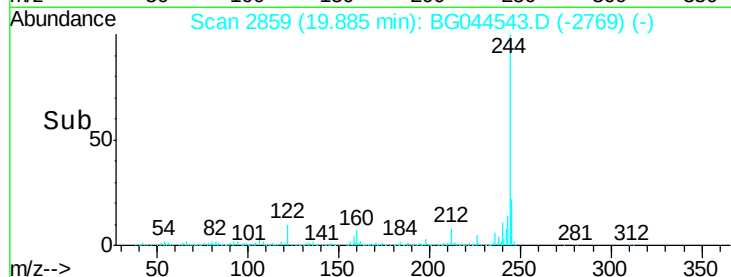
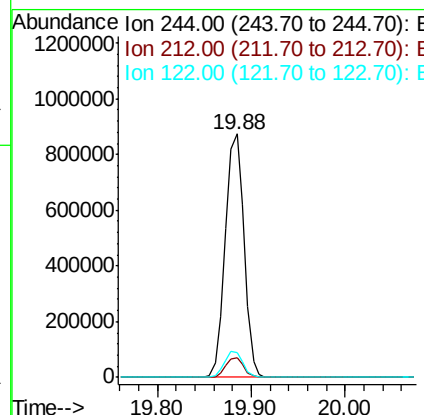
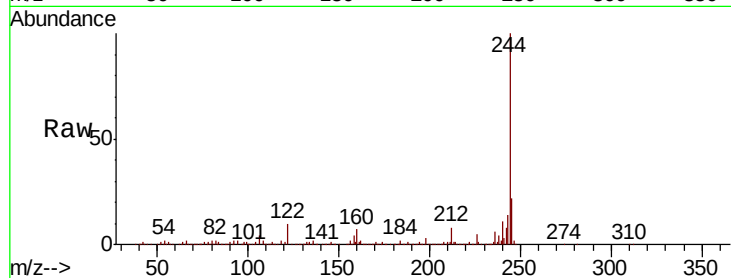
#79
 Terphenyl-d14
 Concen: 72.902 ng
 RT: 19.88 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.6	11.4
122	10.4	9.8	14.8

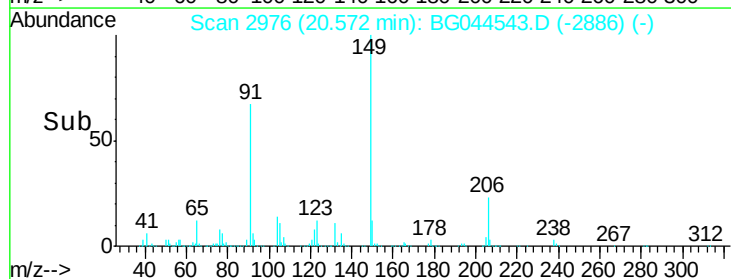
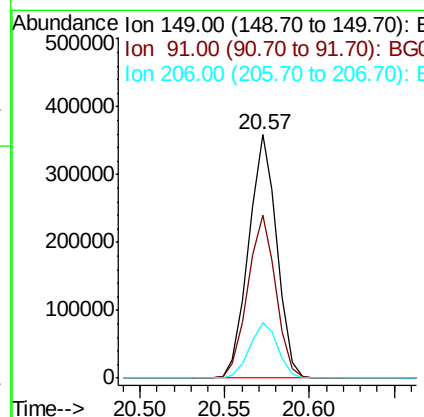
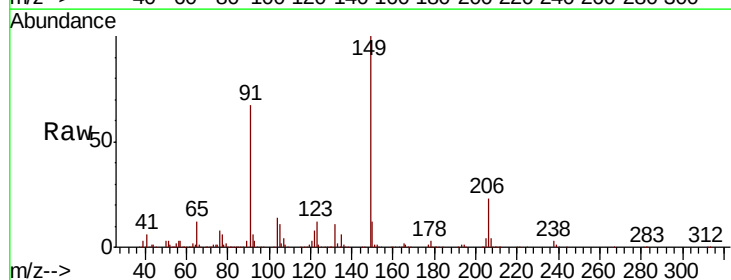
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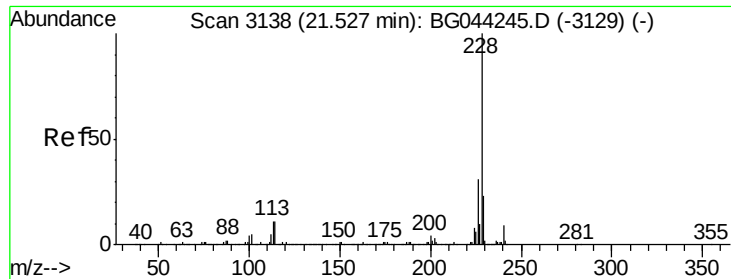
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#80
 Butylbenzylphthalate
 Concen: 41.364 ng
 RT: 20.57 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	55.0	82.4
206	22.9	20.1	30.1





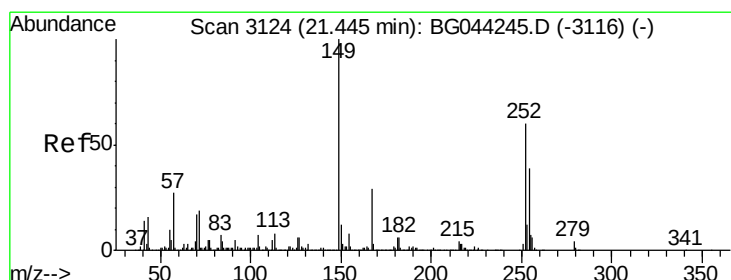
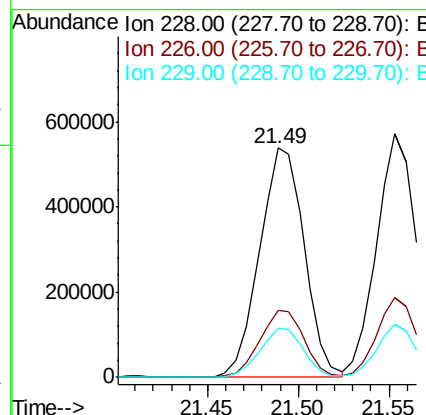
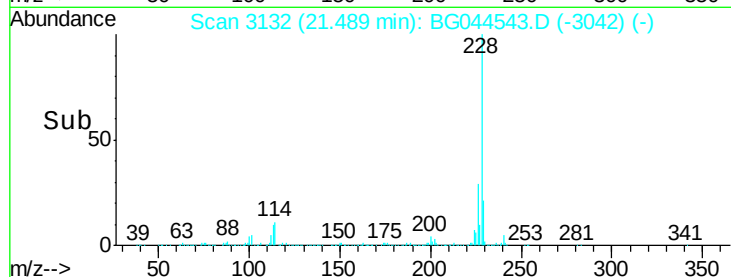
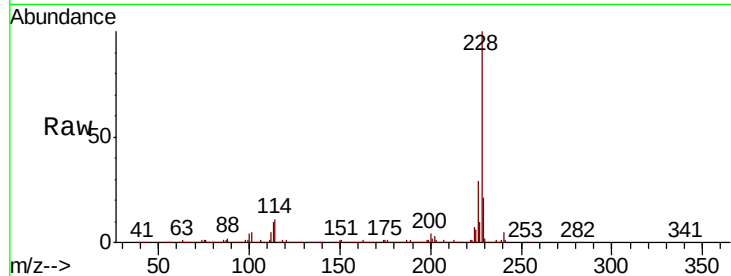
#81
Benzo(a)anthracene
Concen: 43.389 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.4	36.6
229	21.2	18.2	27.4

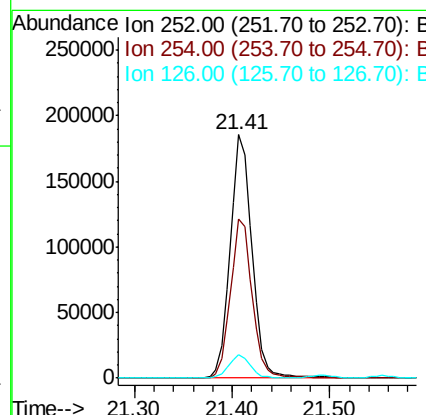
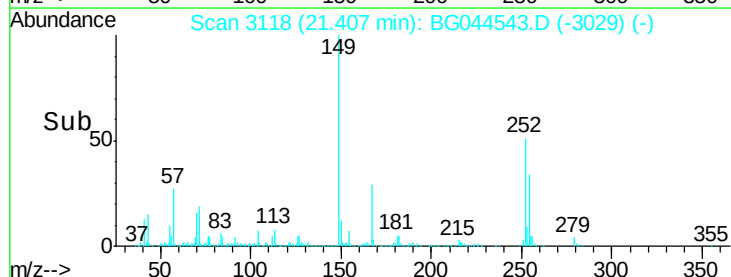
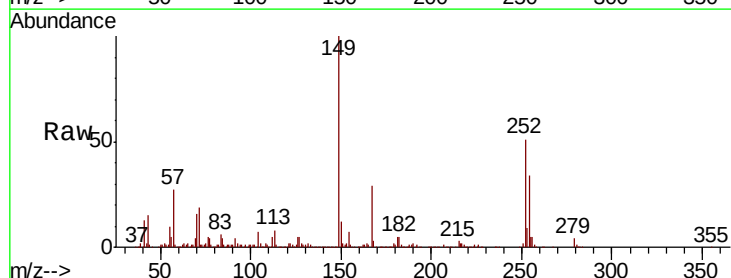
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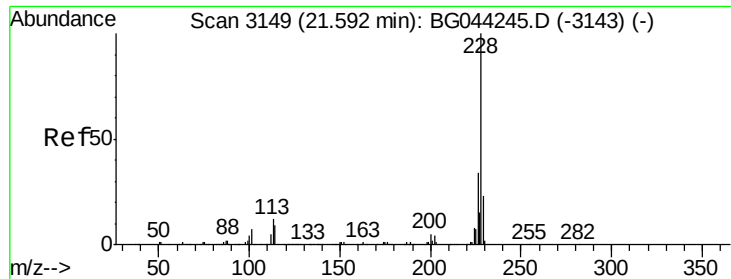
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#82
3,3'-Dichlorobenzidine
Concen: 34.749 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	54.2	81.4
126	9.6	7.9	11.9





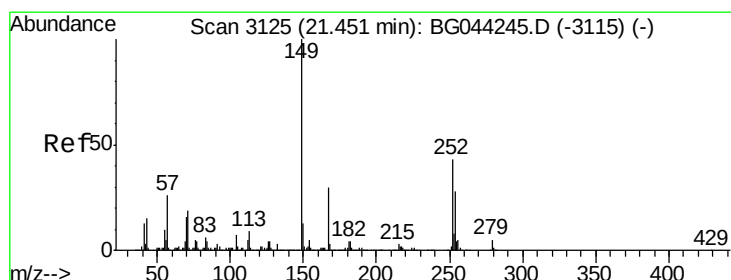
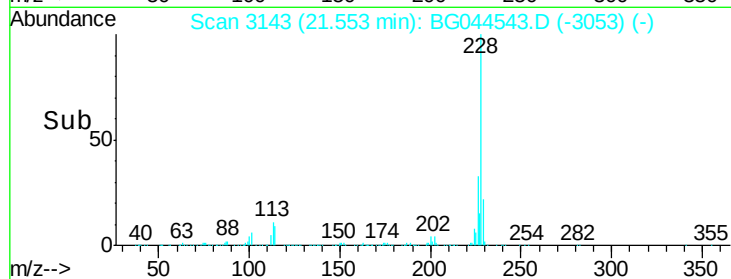
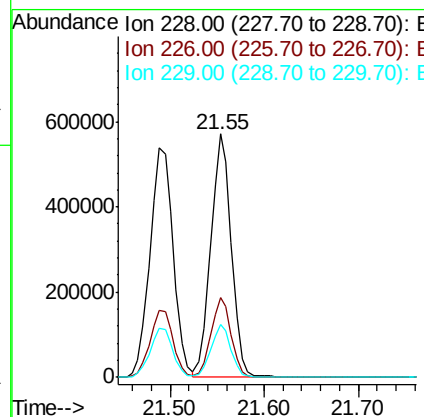
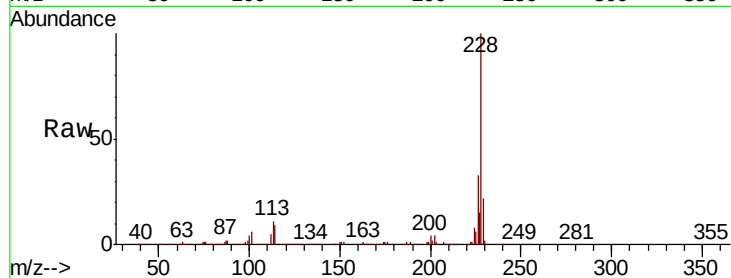
#83
 Chrysene
 Concen: 42.629 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	27.7	41.5
229	21.7	18.2	27.2

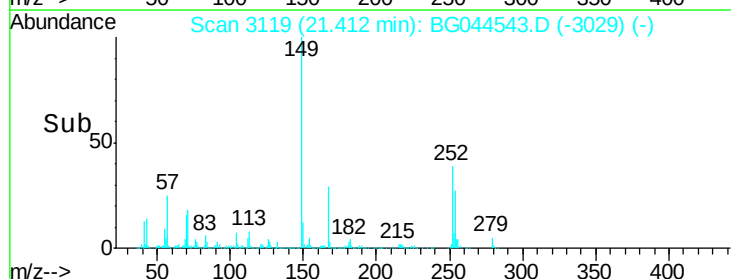
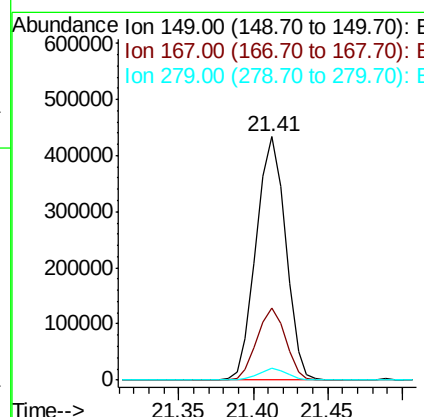
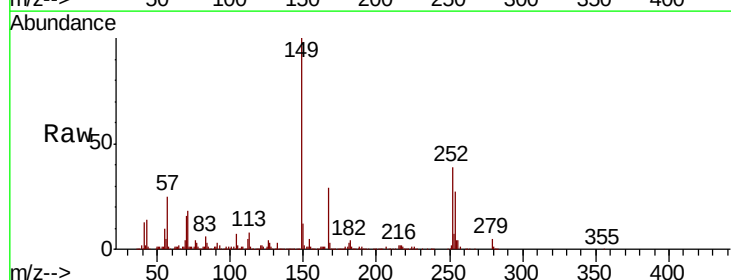
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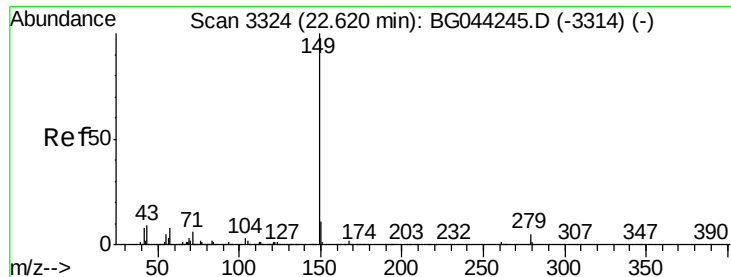
mohammad
 2/24/2020 3:30:14 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.467 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.7	37.1
279	4.7	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 43.617 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

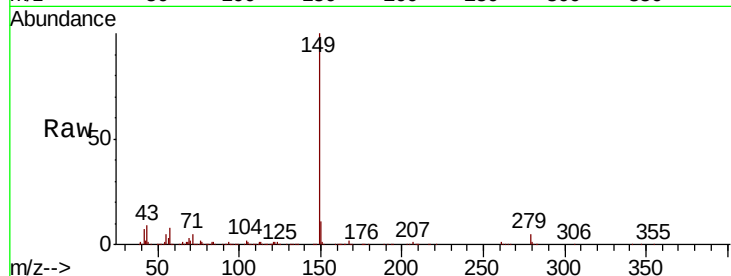
ClientSampleId :

PB126933BS

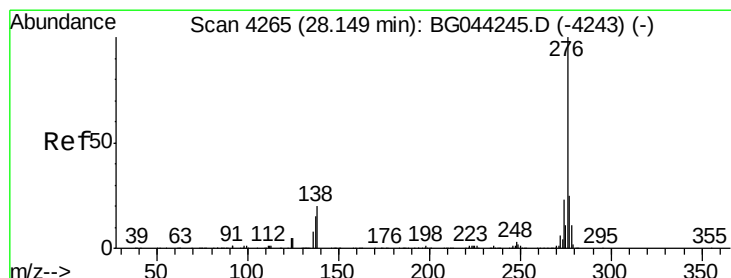
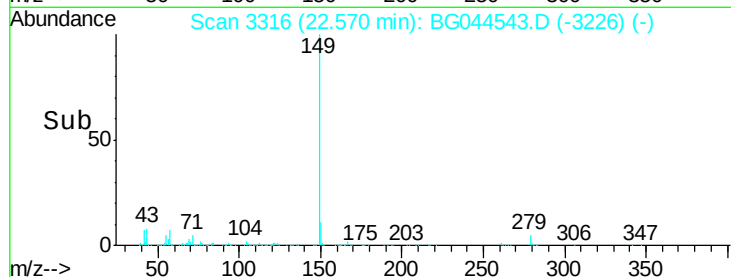
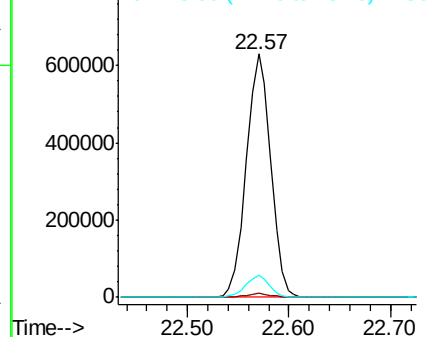
Tot Ion:	149	Resp:	1048370
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	8.6	7.6	11.4

Manual Integrations
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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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.764 ng

RT: 28.06 min Scan# 4251

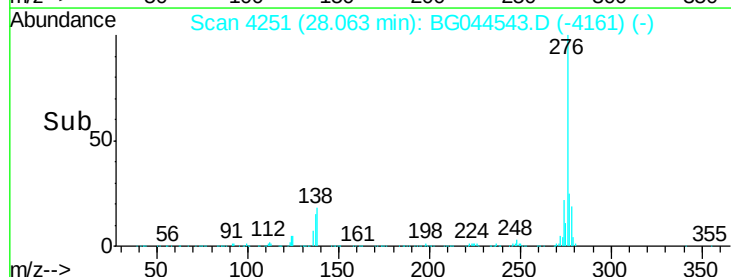
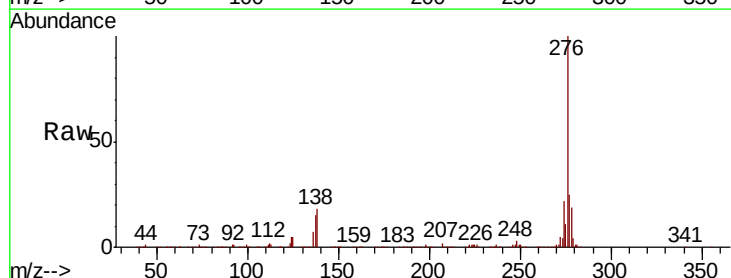
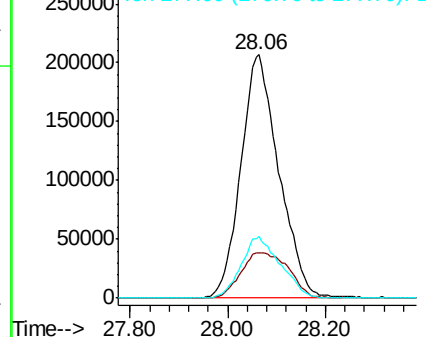
Delta R.T. -0.00 min

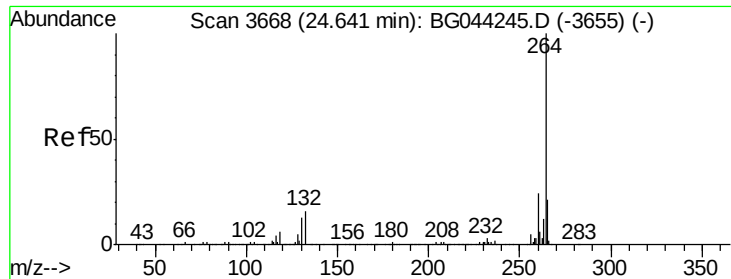
Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:	276	Resp:	1119391
Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.7	28.1
277	26.0	21.0	31.6

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

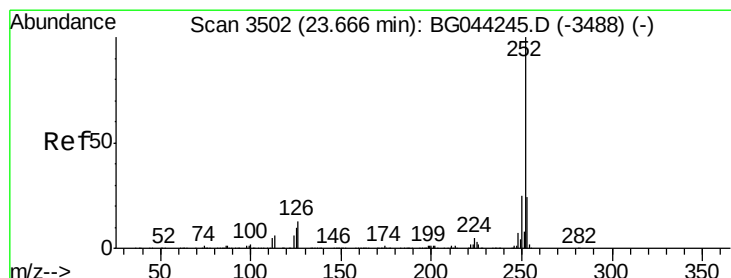
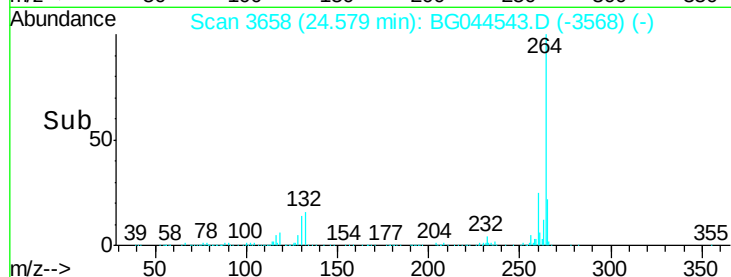
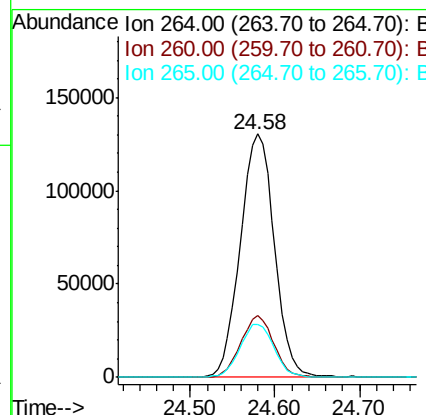
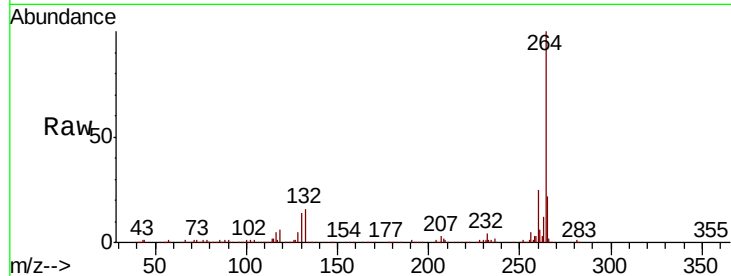
ClientSampleId :

PB126933BS

Tot Ion:	264	Resp:	365460
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.8	29.8
265	21.7	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.405 ng

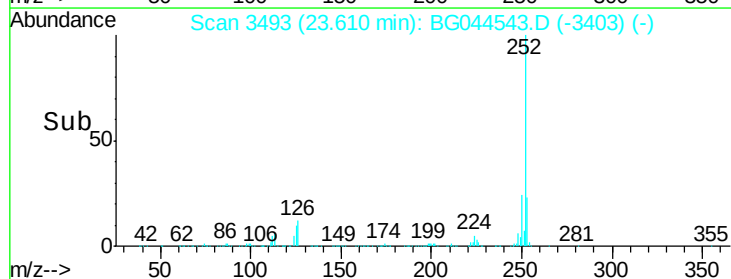
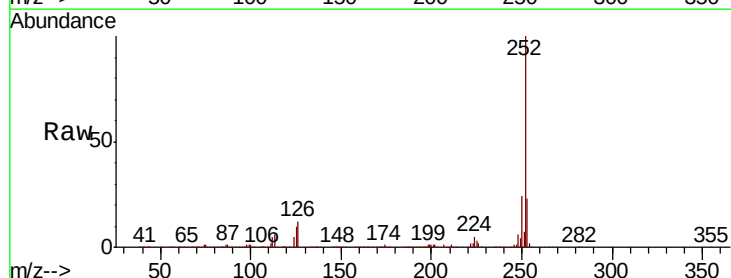
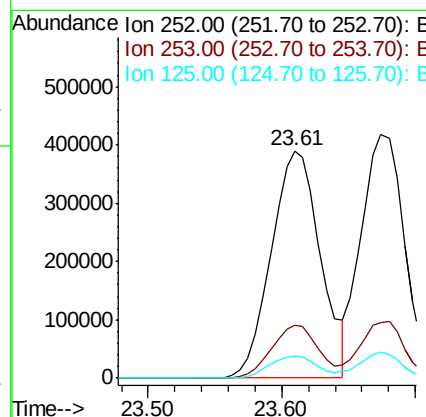
RT: 23.61 min Scan# 3493

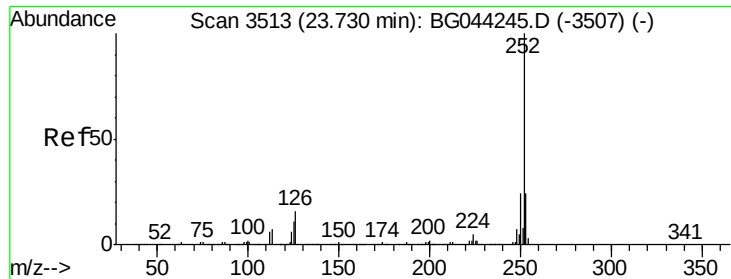
Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:	252	Resp:	998312
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.1	28.7
125	9.9	8.1	12.1





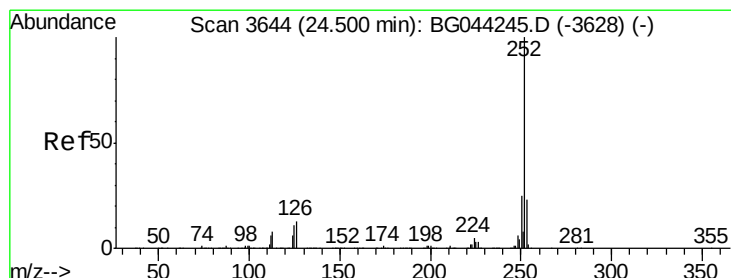
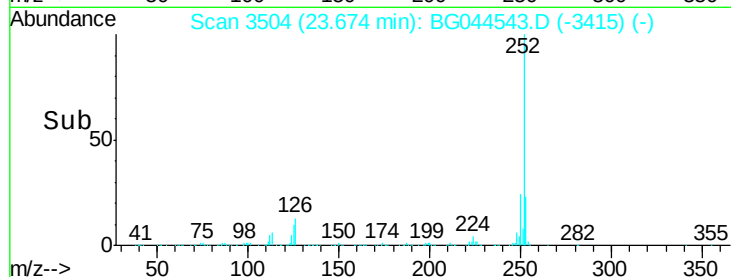
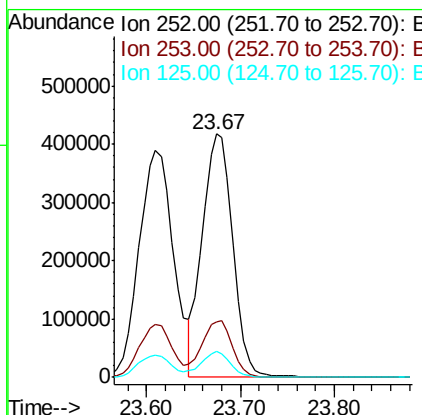
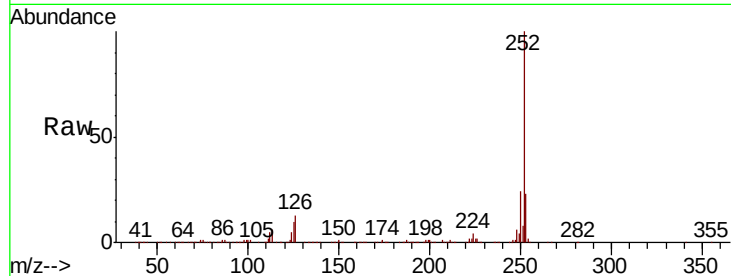
#89
Benzo(k)fluoranthene
Concen: 45.910 ng
RT: 23.67 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.6	29.4
125	10.5	7.9	11.9

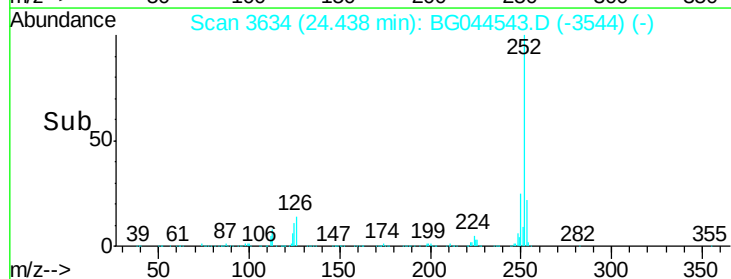
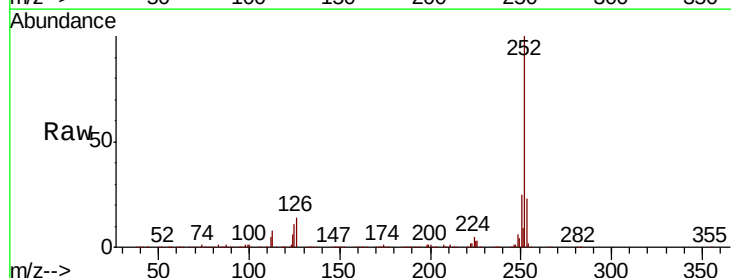
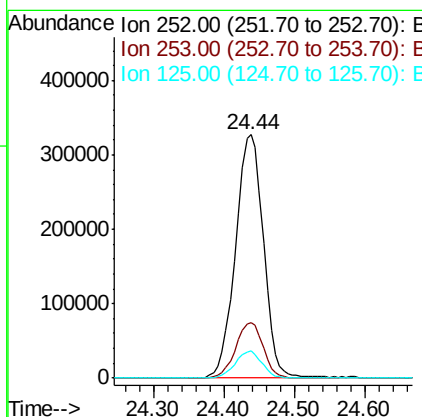
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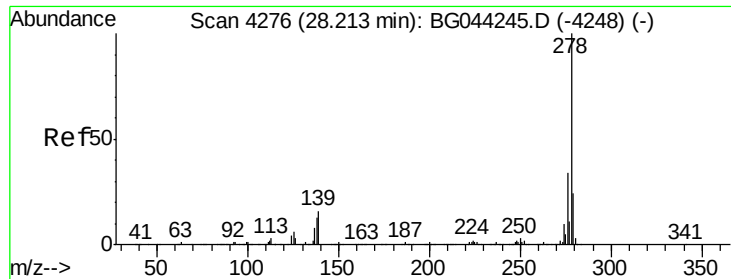
mohammad
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#90
Benzo(a)pyrene
Concen: 45.286 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	11.2	8.7	13.1





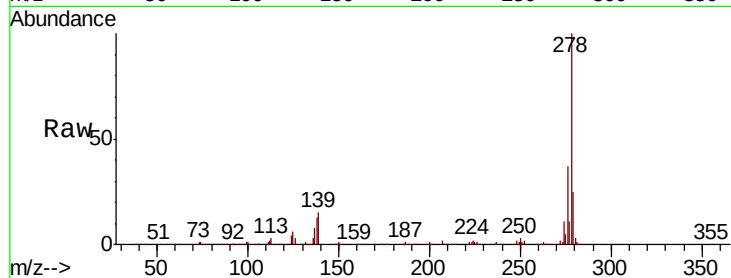
#91
Dibenzo(a,h)anthracene
Concen: 47.275 ng
RT: 28.12 min Scan# 4260
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :
PB126933BS

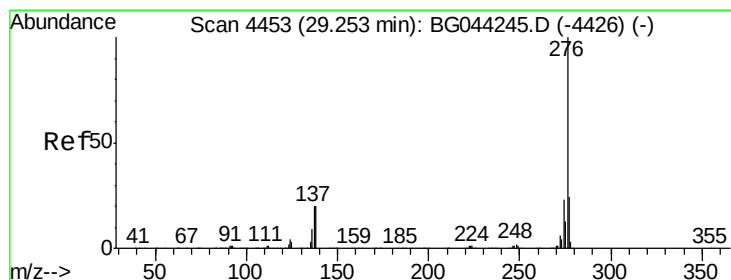
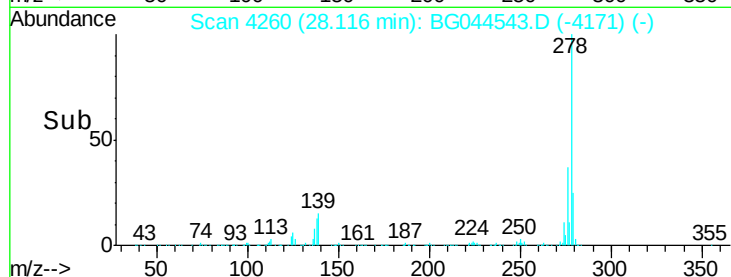
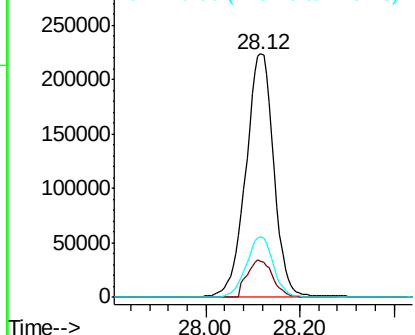
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	25.0	20.2	30.2

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:14 PM



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



#92
Benzo(g,h,i)perylene
Concen: 48.104 ng
RT: 29.14 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	20.7	16.4	24.6

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

