

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044320.D
 Acq On : 6 Feb 2020 13:18
 Operator : CG/JU
 Sample : PB126601BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Manual Integrations
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mohammad
 2/10/2020 8:16:48 AM

Quant Time: Feb 06 21:56:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	99945	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	440753	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	295831	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	629897	20.00	ng	0.00
76) Chrysene-d12	21.54	240	544111	20.00	ng	0.00
87) Perylene-d12	24.63	264	503586	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	621266	109.70	ng	0.00
7) Phenol-d6	7.09	99	833163	109.56	ng	0.00
23) Nitrobenzene-d5	9.07	82	501976	64.30	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	341307	98.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1179235	66.75	ng	0.00
79) Terphenyl-d14	19.91	244	1707076	64.53	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.38	88	77237	30.356 ng	97
3) Pyridine	3.77	79	186234	27.473 ng	97
4) n-Nitrosodimethylamine	3.69	42	97401	34.385 ng	100
6) Aniline	7.24	93	260569	27.604 ng	99
8) 2-Chlorophenol	7.48	128	269626	43.321 ng	98
9) Benzaldehyde	7.04	77	74896	17.292 ng	96
10) Phenol	7.12	94	330185	43.872 ng	98
11) bis(2-Chloroethyl)ether	7.34	93	243892	37.905 ng	100
12) 1,3-Dichlorobenzene	7.81	146	265964	35.790 ng	98
13) 1,4-Dichlorobenzene	7.95	146	266204	36.169 ng	99
14) 1,2-Dichlorobenzene	8.27	146	260274	37.413 ng	98
15) Benzyl Alcohol	8.15	79	222836	41.389 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	317712	36.482 ng	99
17) 2-Methylphenol	8.36	107	234561	43.682 ng	98
18) Hexachloroethane	9.00	117	98474	35.655 ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	190924	37.671 ng	98
20) 3+4-Methylphenols	8.69	107	321715	43.473 ng	99
22) Acetophenone	8.73	105	360836	33.653 ng	98
24) Nitrobenzene	9.11	77	267476	35.095 ng	99
25) Isophorone	9.64	82	531090	36.498 ng	99
26) 2-Nitrophenol	9.82	139	155148	39.231 ng	97
27) 2,4-Dimethylphenol	9.89	122	262127	46.955 ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	341832	35.215 ng	99
29) 2,4-Dichlorophenol	10.37	162	276399	40.947 ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	269462	34.814 ng	99
31) Naphthalene	10.77	128	780471	36.498 ng	100
32) Benzoic acid	10.05	122	163052	45.422 ng	94
33) 4-Chloroaniline	10.87	127	210317	21.625 ng	98
34) Hexachlorobutadiene	11.06	225	157766	33.125 ng	99
35) Caprolactam	11.64	113	101930m	41.222 ng	
36) 4-Chloro-3-methylphenol	12.01	107	286213	40.441 ng	96
37) 2-Methylnaphthalene	12.37	142	593982	37.411 ng	99
38) 1-Methylnaphthalene	12.59	142	565890	37.805 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	293574	33.175 ng	100

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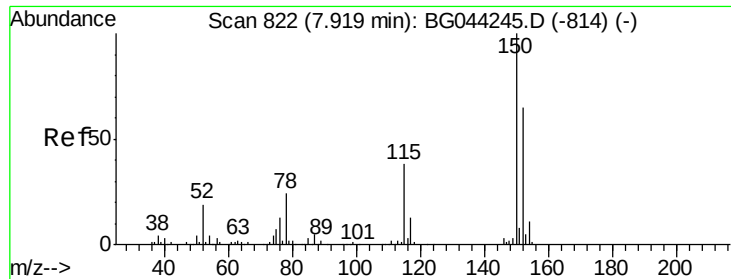
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	277923	65.453	ng	98
43) 2,4,6-Trichlorophenol	12.98	196	223423	39.060	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	239147	40.933	ng	99
46) 1,1'-Biphenyl	13.39	154	757949	35.520	ng	99
47) 2-Chloronaphthalene	13.42	162	589637	34.725	ng	100
48) 2-Nitroaniline	13.62	65	175458	35.013	ng	98
49) Acenaphthylene	14.27	152	933319	37.475	ng	100
50) Dimethylphthalate	14.01	163	762153	35.840	ng	100
51) 2,6-Dinitrotoluene	14.12	165	175879	37.094	ng	98
52) Acenaphthene	14.61	154	582991	36.114	ng	98
53) 3-Nitroaniline	14.45	138	133736	25.495	ng	97
54) 2,4-Dinitrophenol	14.66	184	209394	75.052	ng	94
55) Dibenzofuran	14.95	168	894198	36.586	ng	99
56) 4-Nitrophenol	14.77	139	315700	82.161	ng	98
57) 2,4-Dinitrotoluene	14.91	165	243038	36.572	ng	99
58) Fluorene	15.60	166	708782	36.819	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	209195	39.641	ng	97
60) Diethylphthalate	15.37	149	762691	35.994	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	375736	35.997	ng	97
62) 4-Nitroaniline	15.61	138	166136	31.695	ng	99
63) Azobenzene	15.88	77	670886	36.126	ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	150604	43.314	ng	97
66) n-Nitrosodiphenylamine	15.81	169	660384	37.410	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	245928	35.836	ng	97
68) Hexachlorobenzene	16.61	284	268339	34.902	ng	98
69) Atrazine	16.76	200	242167	40.025	ng	99
70) Pentachlorophenol	16.95	266	309351	79.584	ng	96
71) Phenanthrene	17.34	178	1120170	36.725	ng	99
72) Anthracene	17.43	178	1134825	37.632	ng	99
73) Carbazole	17.69	167	1025726	36.896	ng	100
74) Di-n-butylphthalate	18.26	149	1254859	36.527	ng	99
75) Fluoranthene	19.34	202	1284069	36.391	ng	99
77) Benzidine	19.53	184	246712	16.347	ng	97
78) Pyrene	19.71	202	1289107	36.892	ng	99
80) Butylbenzylphthalate	20.60	149	579735	36.407	ng	97
81) Benzo(a)anthracene	21.52	228	1236779	36.881	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	384412	29.536	ng	99
83) Chrysene	21.59	228	1187261	36.628	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	815115	37.189	ng	99
85) Di-n-octyl phthalate	22.61	149	1417141	37.369	ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1500109	35.473	ng	# 92
88) Benzo(b)fluoranthene	23.66	252	1285366	44.295	ng	99
89) Benzo(k)fluoranthene	23.72	252	1300032	45.966	ng	99
90) Benzo(a)pyrene	24.49	252	1195046	43.557	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1250579	46.057	ng	98
92) Benzo(g,h,i)perylene	29.23	276	1271698	46.784	ng	98

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



#1

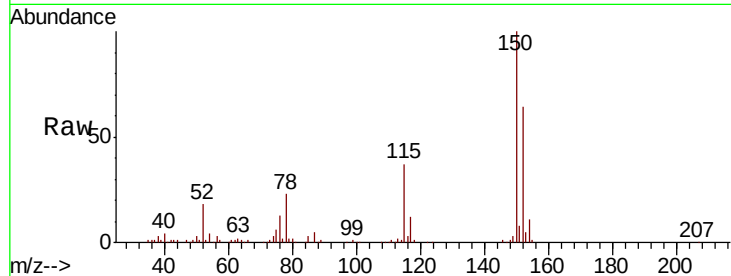
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
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PB126601BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.6	183.8
115	57.3	46.0	69.0

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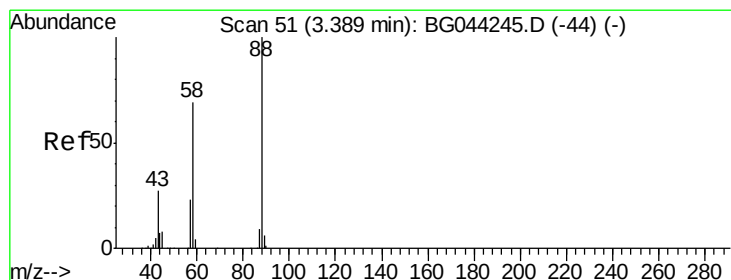
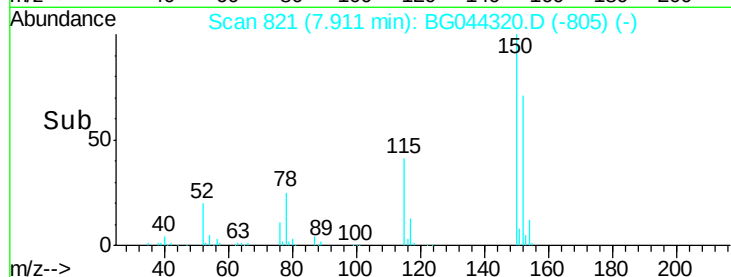
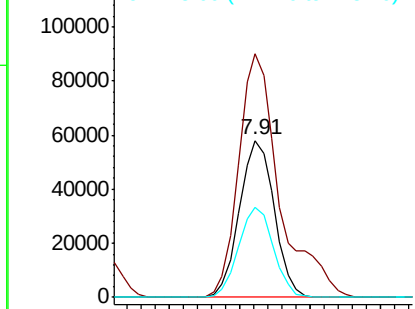


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

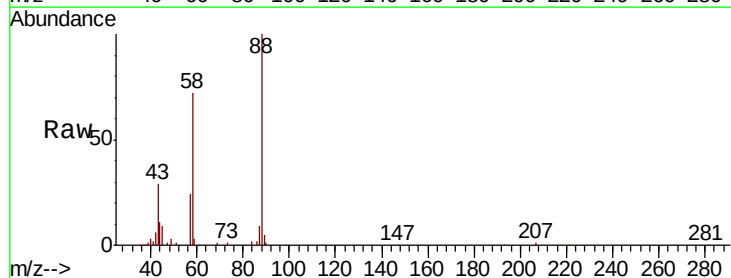
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.356 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	55.8	83.6
43	25.7	21.6	32.4

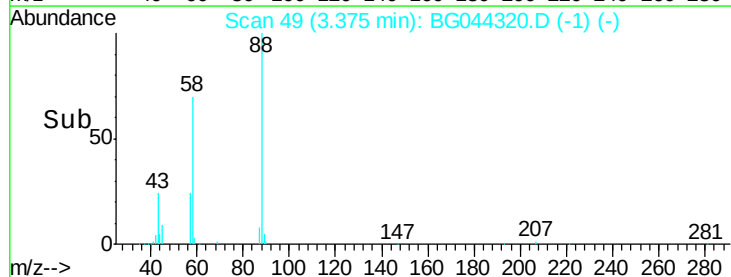
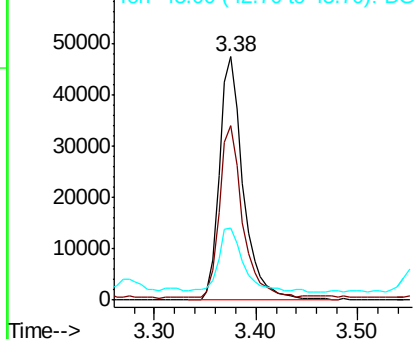


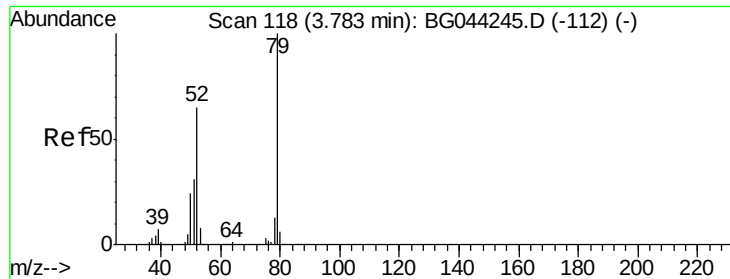
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.473 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

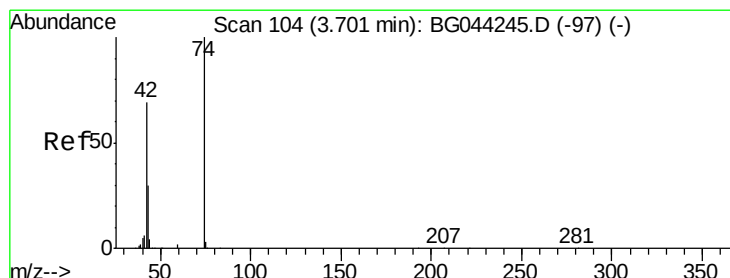
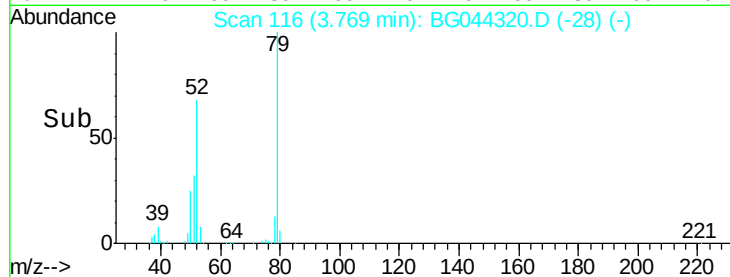
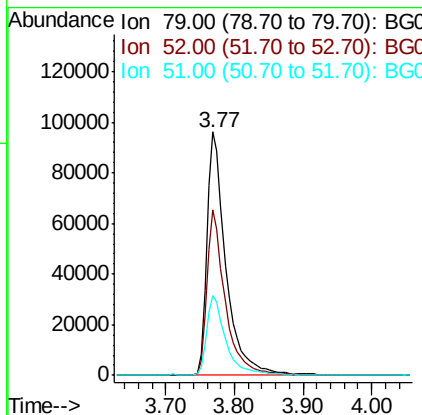
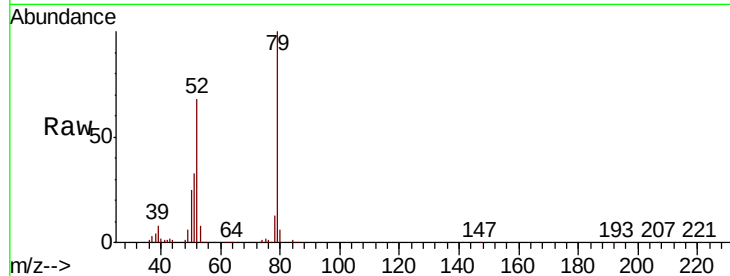
ClientSampleId :

PB126601BSD

Tot Ion:	79	Resp:	186234
Ion Ratio	Lower	Upper	
79	100		
52	67.9	51.9	77.9
51	32.5	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 34.385 ng

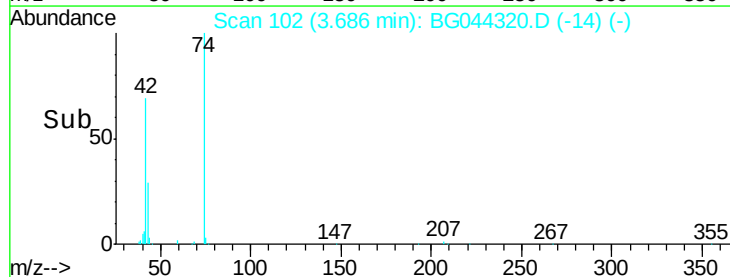
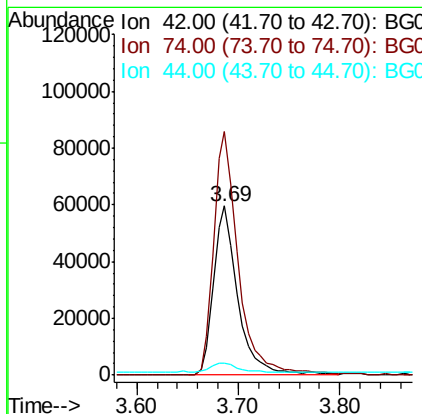
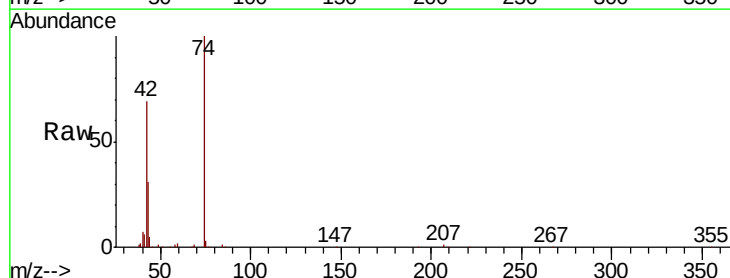
RT: 3.69 min Scan# 102

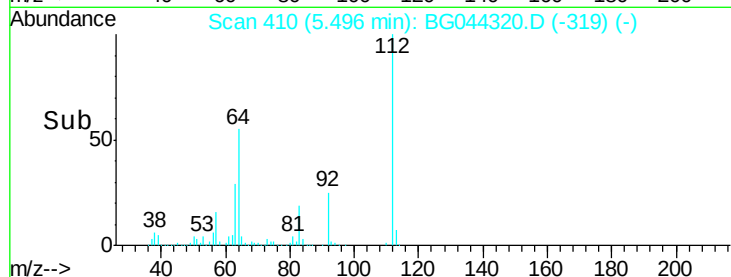
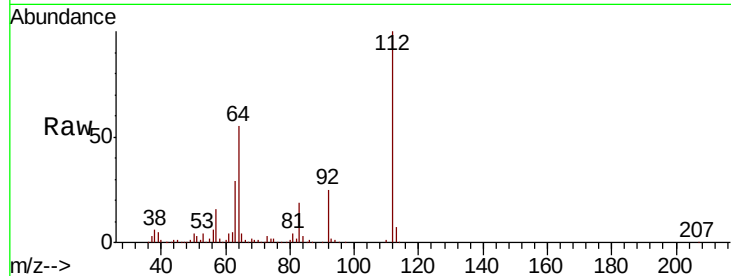
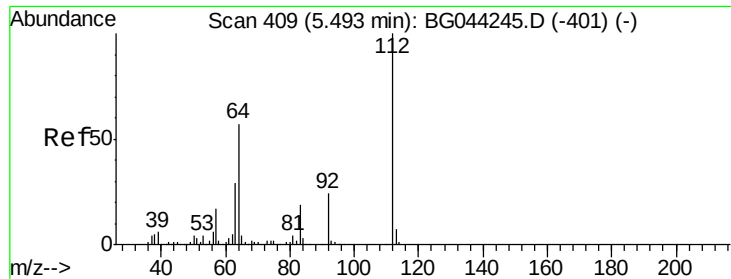
Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:	42	Resp:	97401
Ion Ratio	Lower	Upper	
42	100		
74	144.1	115.1	172.7
44	7.4	5.6	8.4





#5

2-Fluorophenol

Concen: 109.704 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tot Ion:	112	Resp:	621266
Ion Ratio	Lower	Upper	
112	100		
64	55.3	45.4	68.2
63	28.9	22.9	34.3

Instrument :

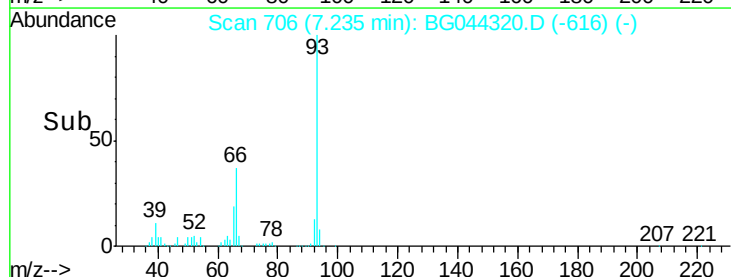
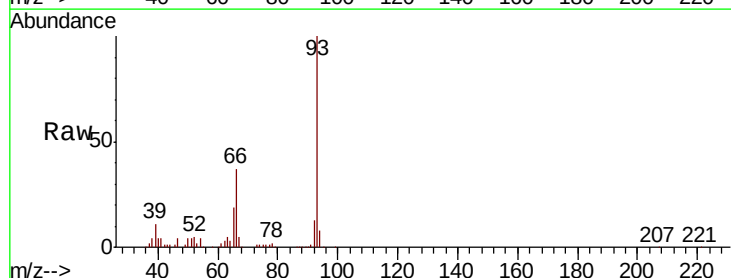
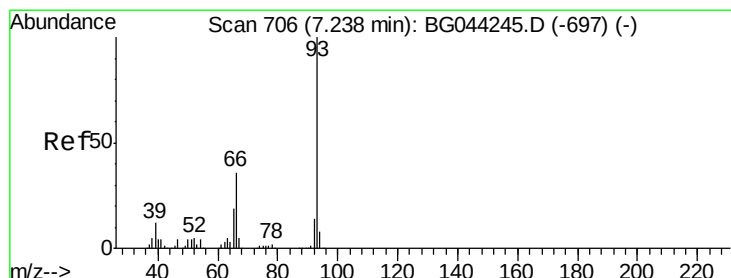
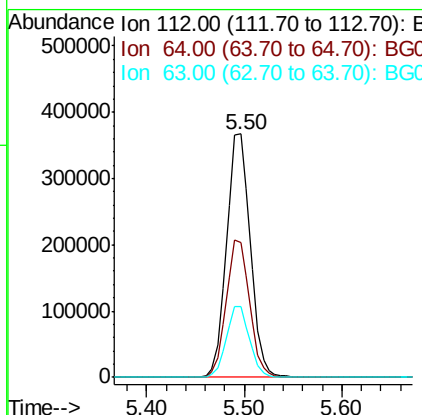
BNA_G

ClientSampleId :

PB126601BSD

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#6

Aniline

Concen: 27.604 ng

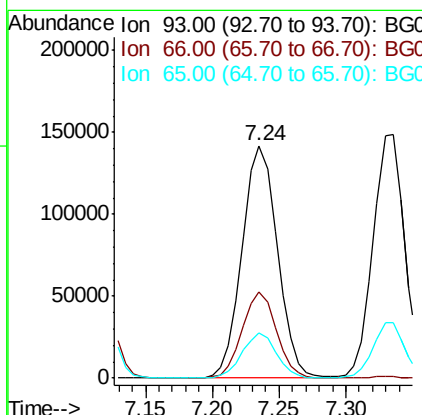
RT: 7.24 min Scan# 706

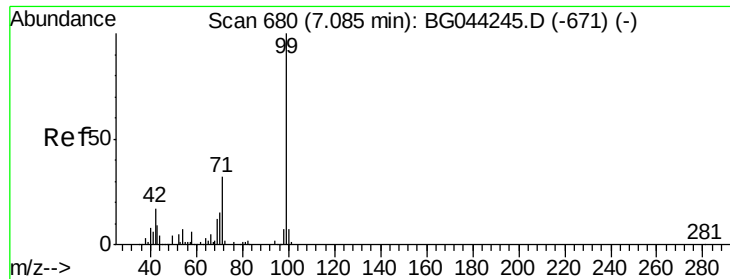
Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:	93	Resp:	260569
Ion Ratio	Lower	Upper	
93	100		
66	37.0	28.7	43.1
65	19.3	15.4	23.0





#7

Phenol-d6

Concen: 109.559 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

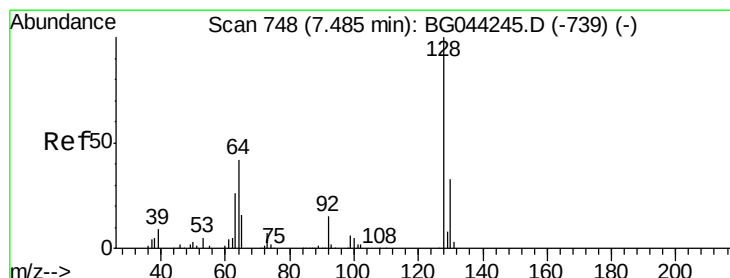
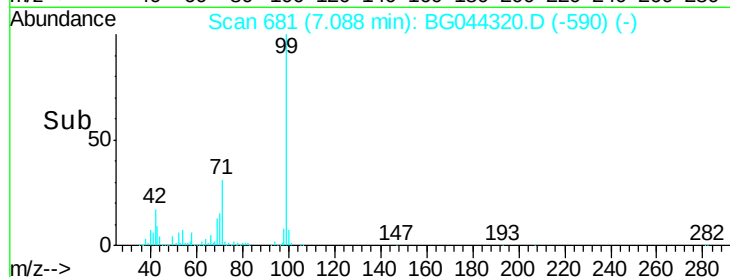
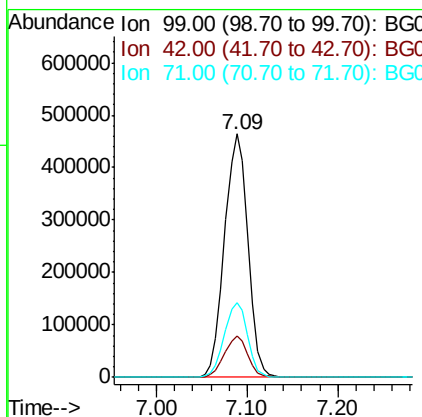
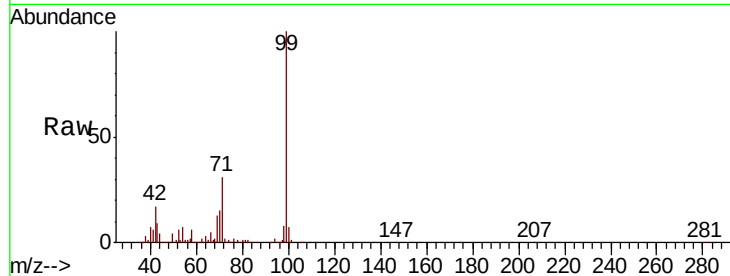
ClientSampleId :

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Tot Ion:	99	Resp:	833163
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	30.8	25.5	38.3

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#8

2-Chlorophenol

Concen: 43.321 ng

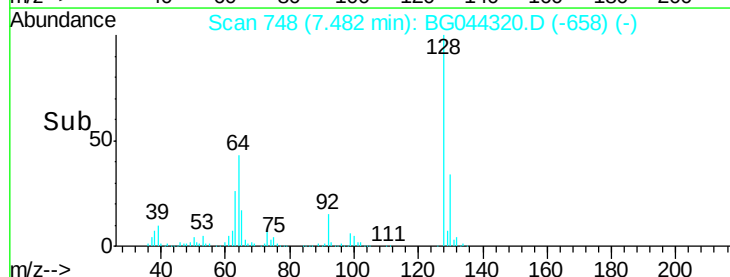
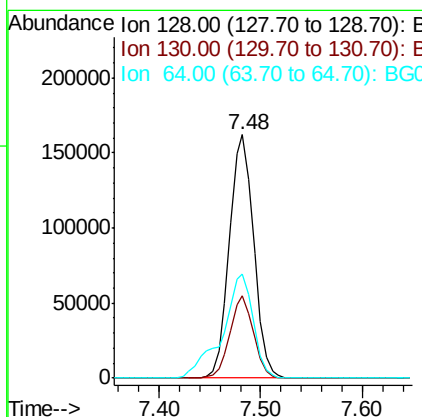
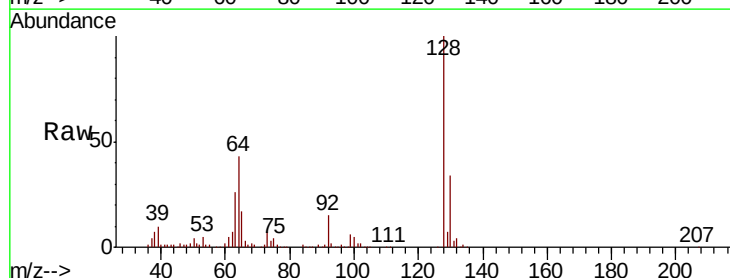
RT: 7.48 min Scan# 748

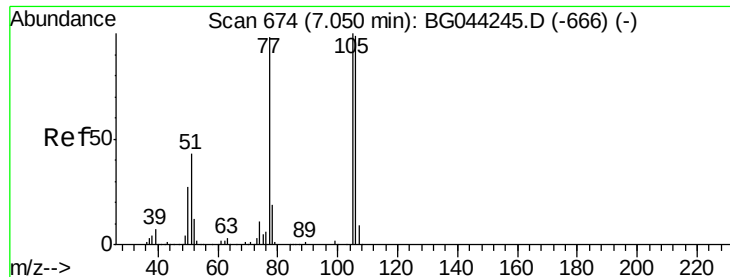
Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:	128	Resp:	269626
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.5	52.5
64	42.6	24.2	64.2





#9

Benzaldehyde

Concen: 17.292 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

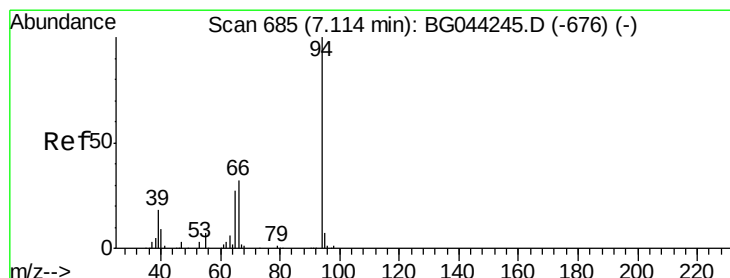
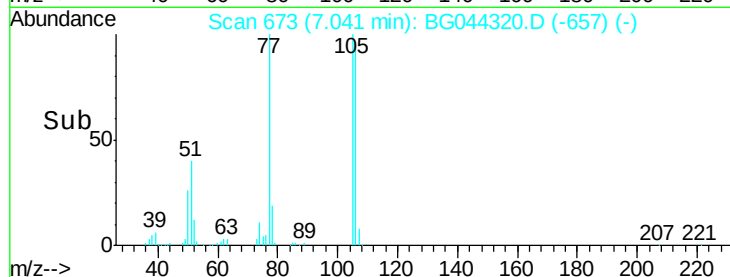
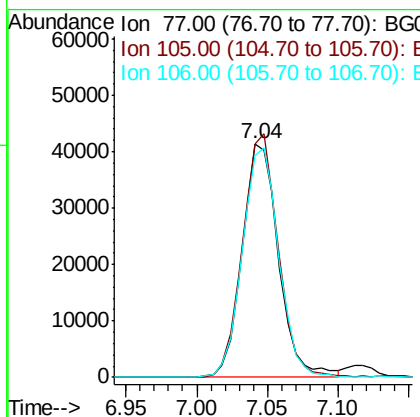
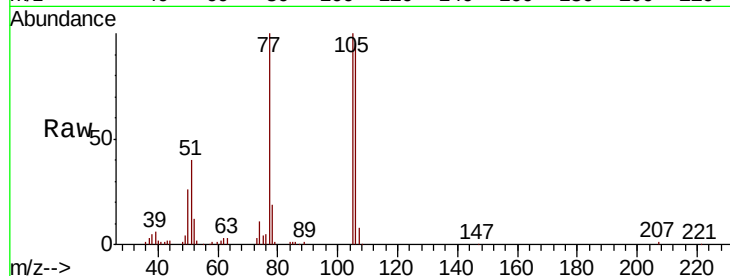
ClientSampleId :

PB126601BSD

Tot Ion:	77	Resp:	74896
Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.0	122.0
106	94.9	80.7	120.7

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#10

Phenol

Concen: 43.872 ng

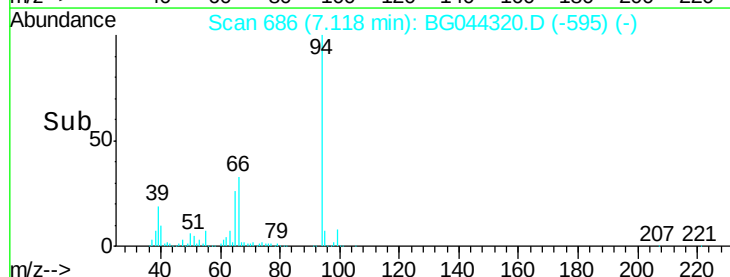
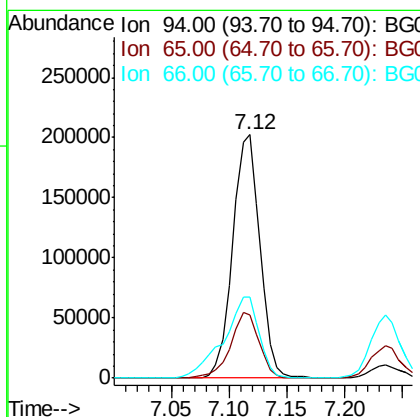
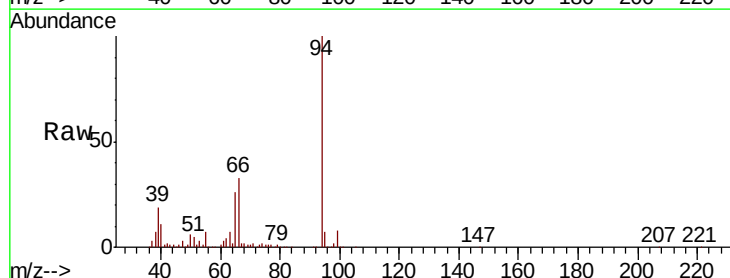
RT: 7.12 min Scan# 686

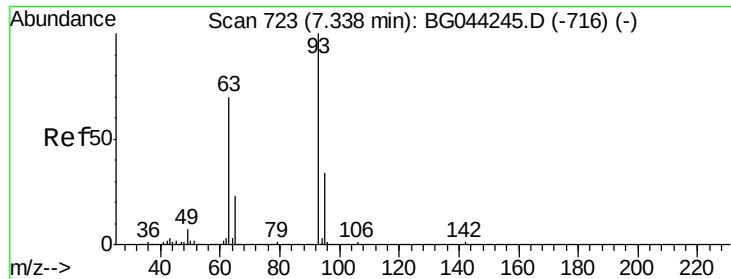
Delta R.T. 0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:	94	Resp:	330185
Ion	Ratio	Lower	Upper
94	100		
65	25.7	7.0	47.0
66	33.3	12.7	52.7





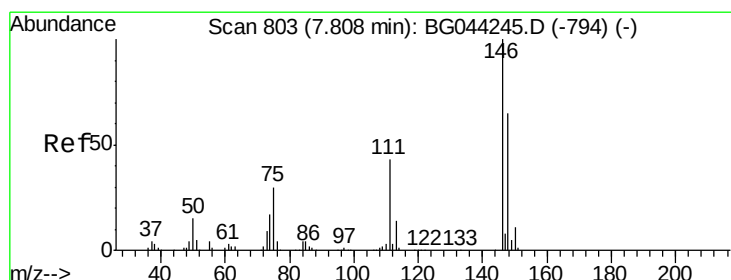
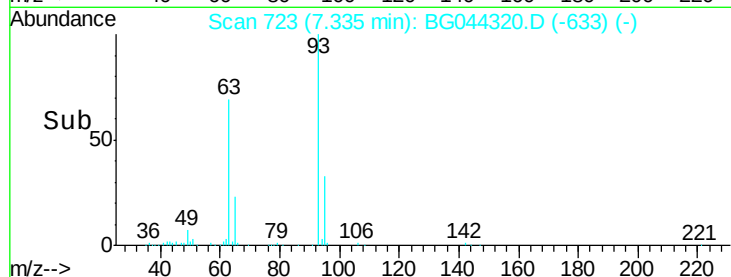
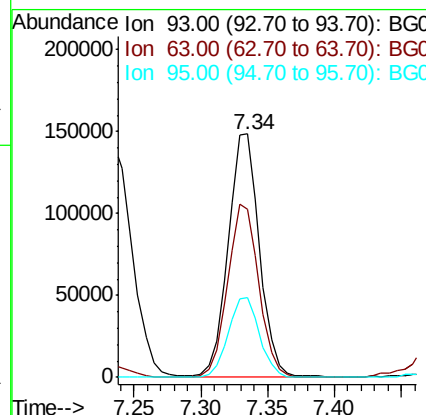
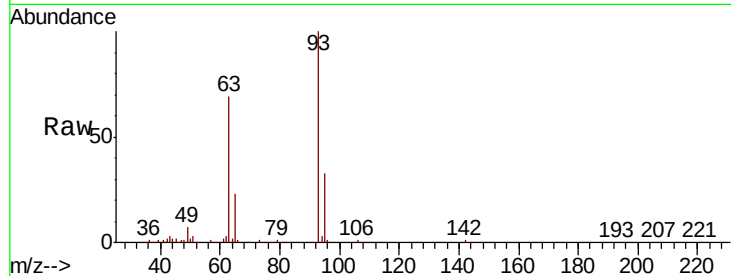
#11
bis(2-Chloroethyl)ether
Concen: 37.905 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:	93	Resp:	243892
Ion	Ratio	Lower	Upper
93	100		
63	69.2	49.2	89.2
95	32.9	13.6	53.6

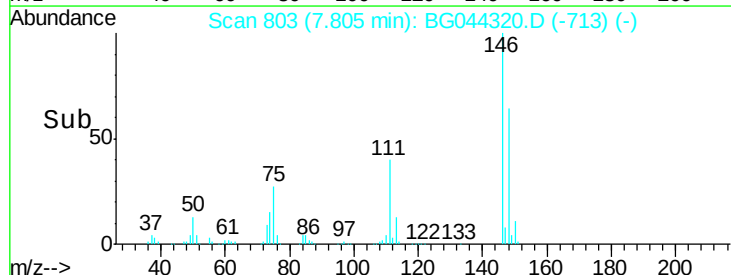
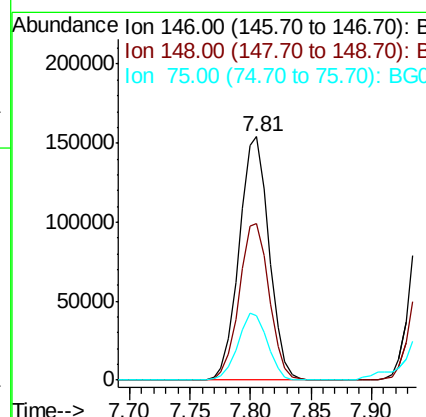
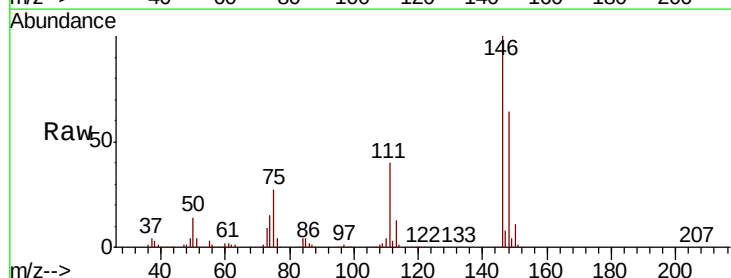
Manual Integrations
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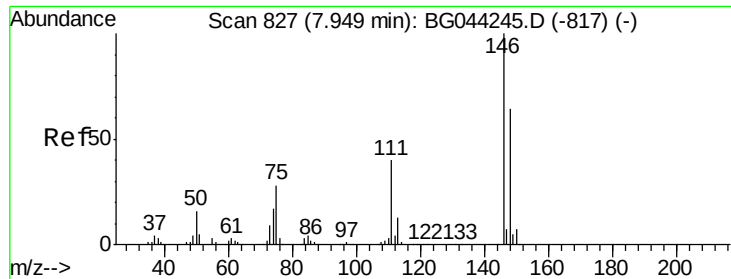
mohammad
2/10/2020 8:16:48 AM



#12
1,3-Dichlorobenzene
Concen: 35.790 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:	146	Resp:	265964
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	26.7	23.7	35.5





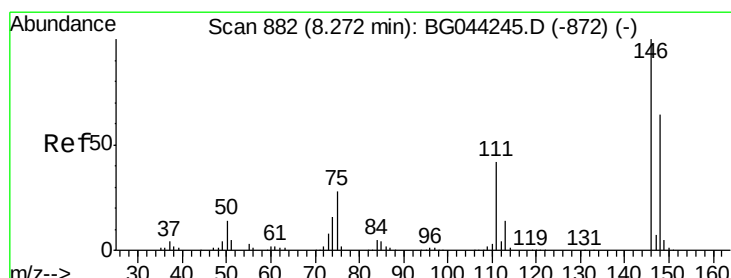
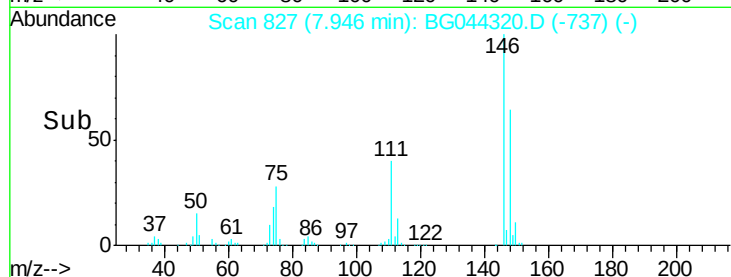
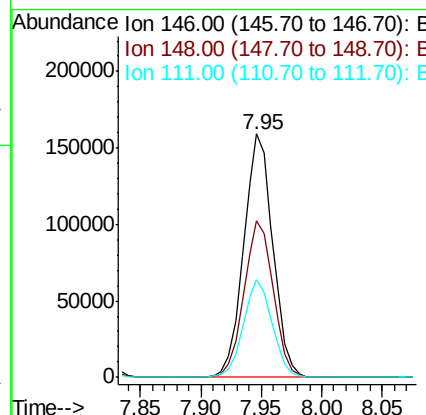
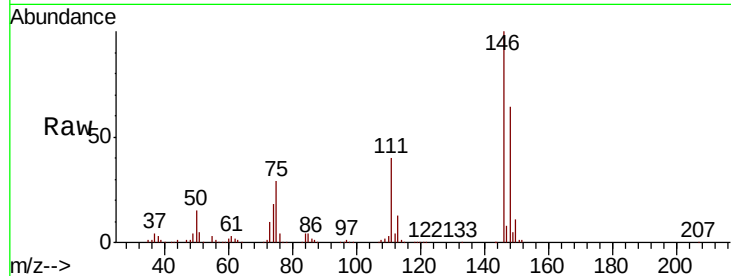
#13
 1,4-Dichlorobenzene
 Concen: 36.169 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	40.3	31.8	47.8

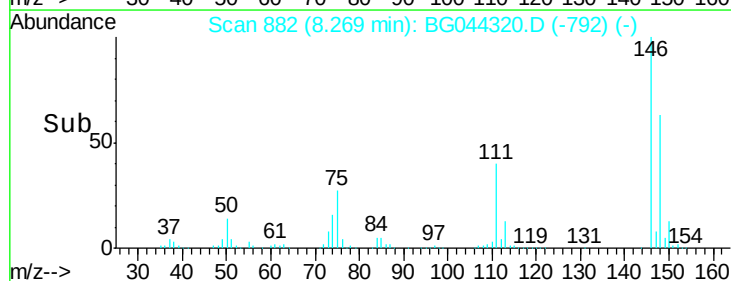
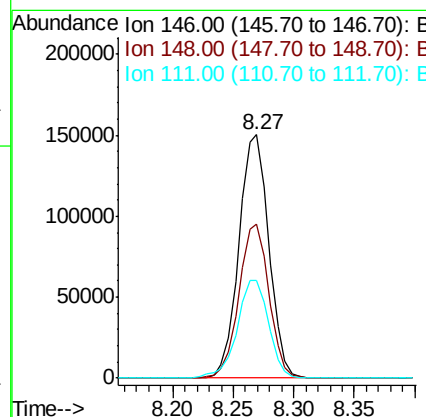
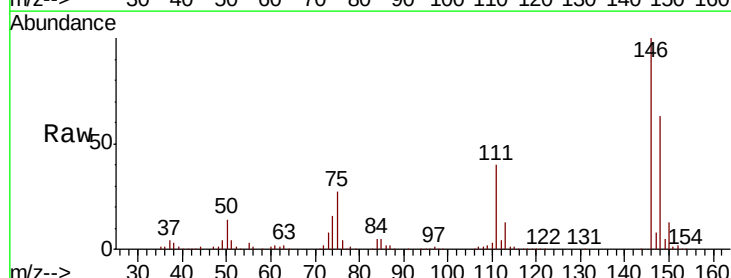
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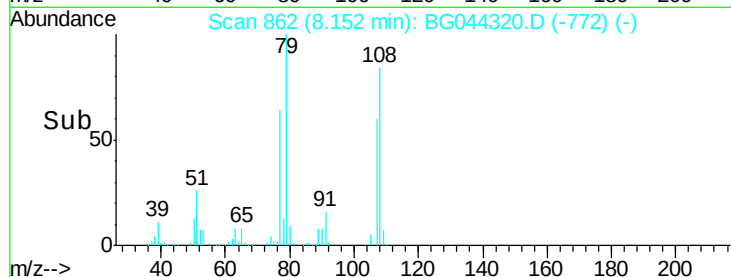
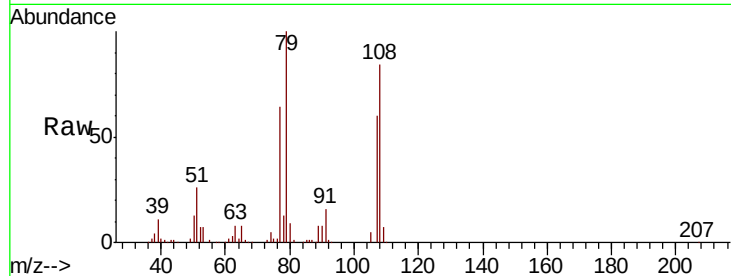
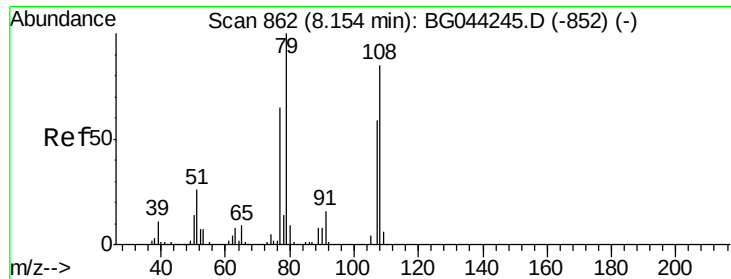
mohammad
 2/10/2020 8:16:48 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.413 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
111	40.4	34.0	51.0





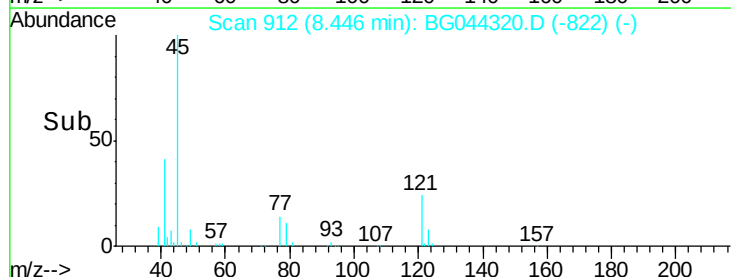
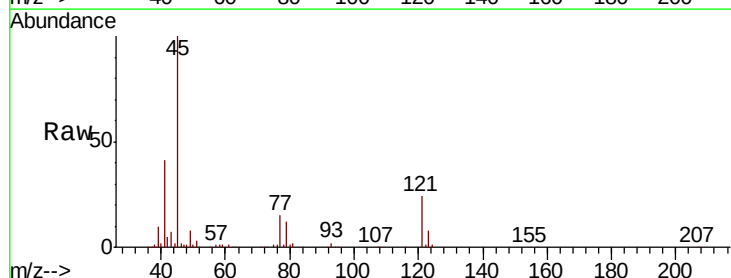
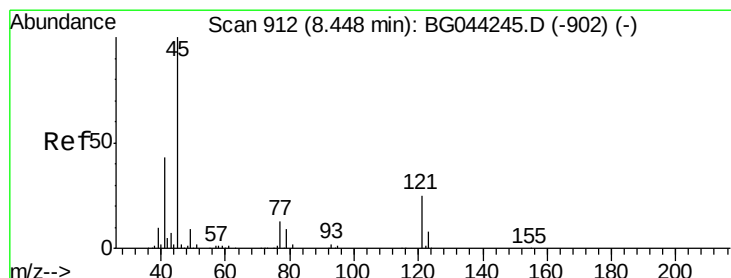
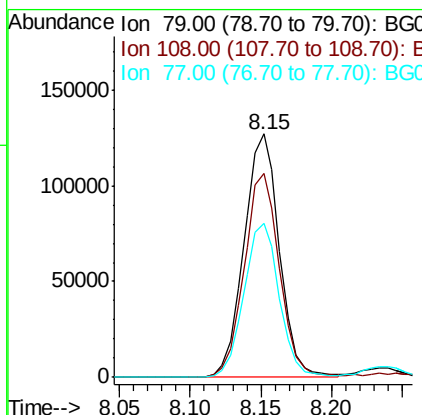
#15
Benzyl Alcohol
Concen: 41.389 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.9	68.3	102.5
77	63.5	51.8	77.8

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

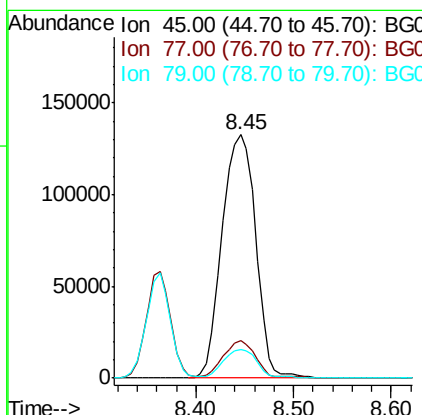
Manual Integrations
APPROVED

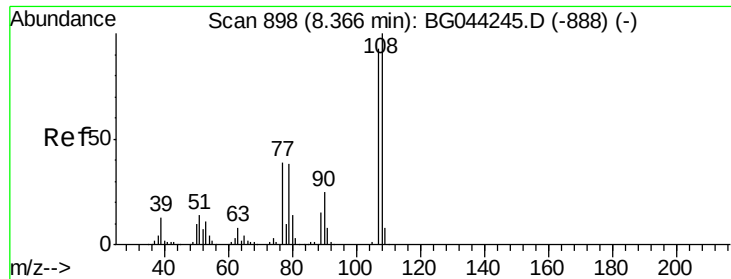
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.482 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.2
79	11.9	0.0	31.1





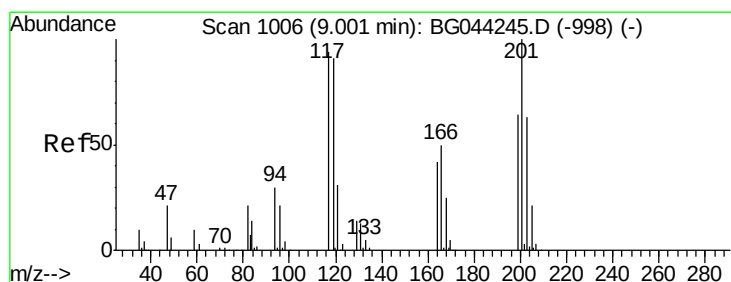
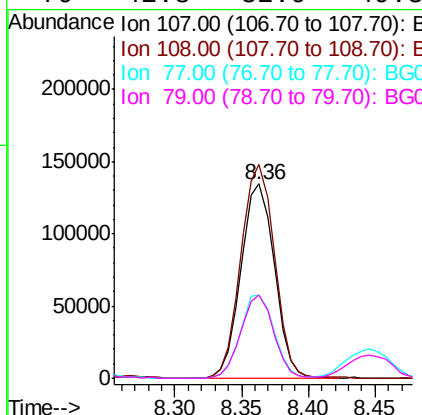
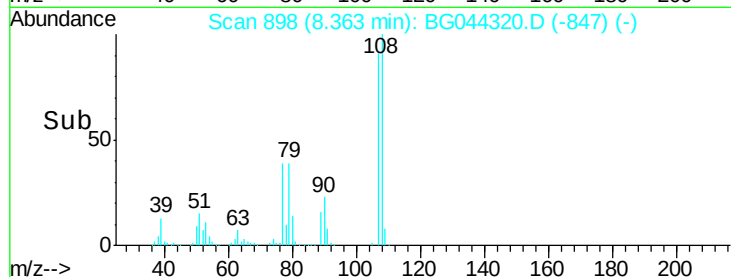
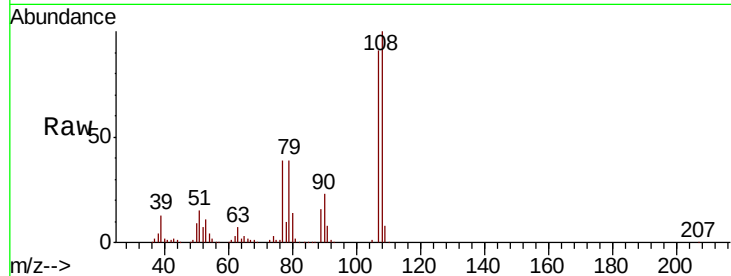
#17
2-Methylphenol
Concen: 43.682 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	86.4	129.6	
77	43.1	34.0	51.0	
79	42.8	32.9	49.3	

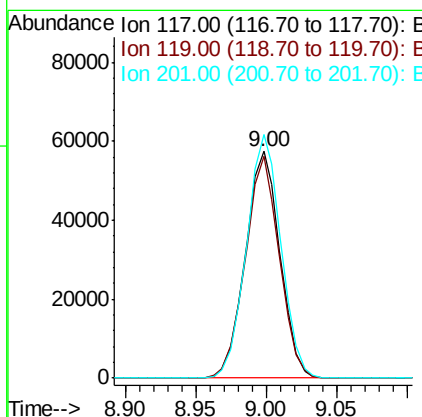
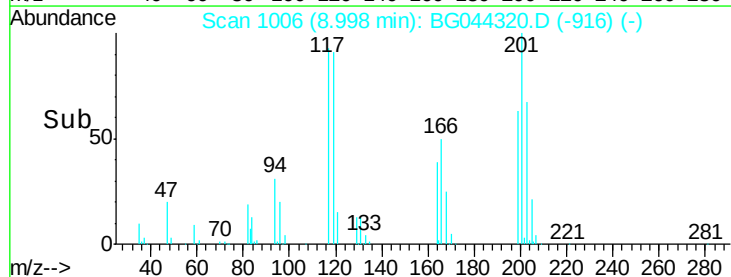
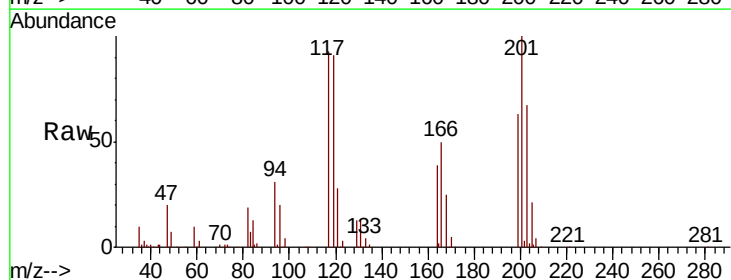
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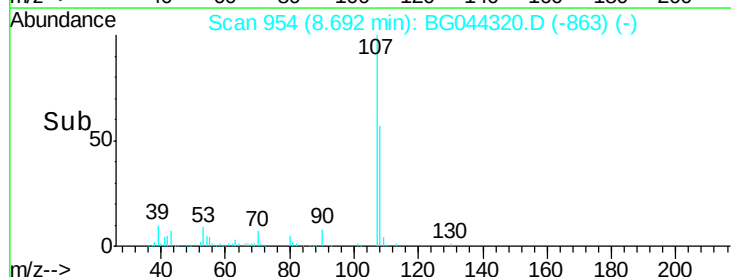
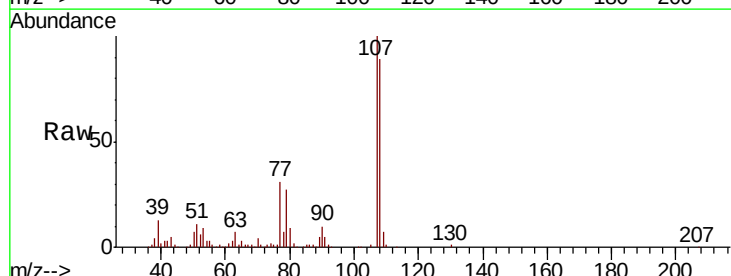
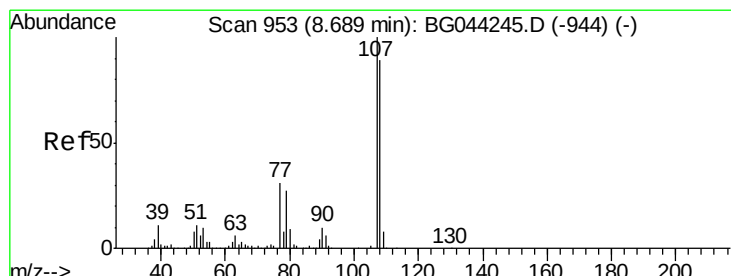
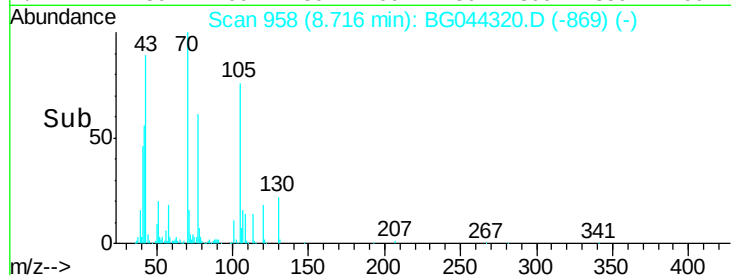
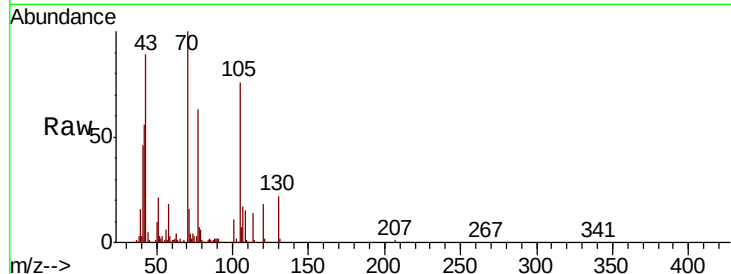
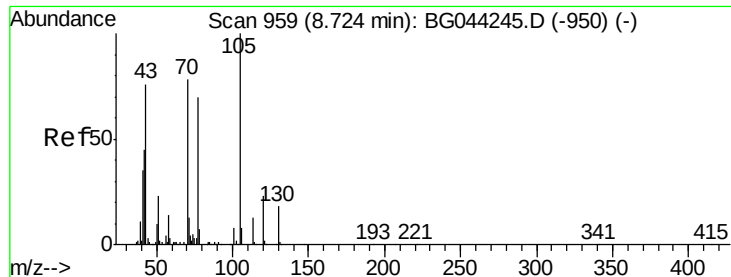
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#18
Hexachloroethane
Concen: 35.655 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

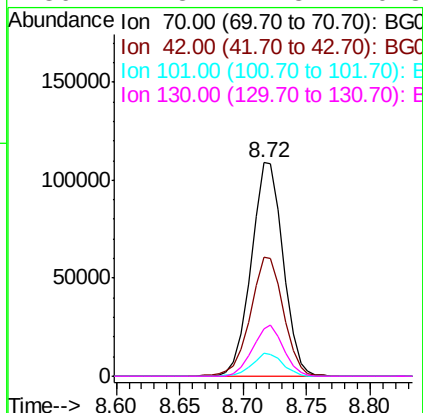
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	77.5	116.3	
201	107.4	84.9	127.3	





#19
n-Nitroso-di-n-propylamine
Concen: 37.671 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	46.2	69.2	
101	10.7	8.4	12.6	
130	22.3	17.8	26.8	



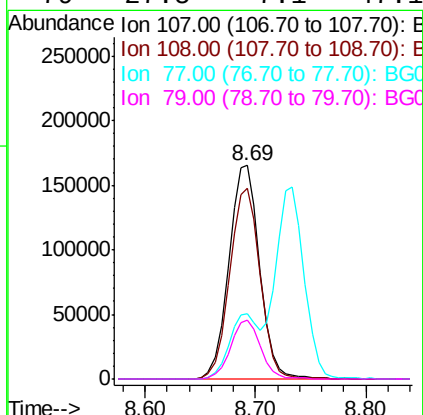
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

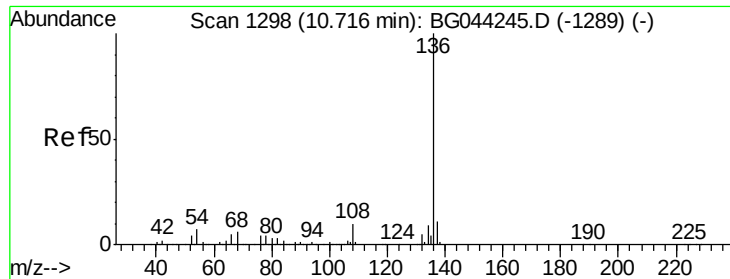
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#20
3+4-Methylphenols
Concen: 43.473 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	68.5	108.5	
77	30.7	10.9	50.9	
79	27.5	7.1	47.1	





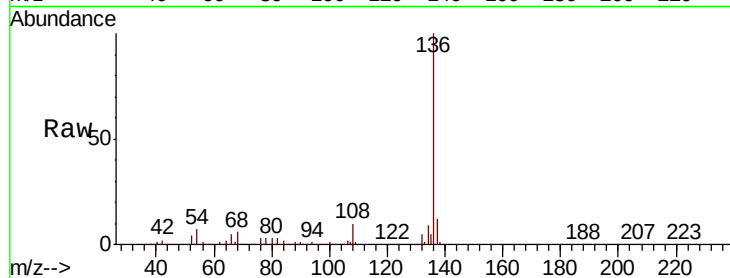
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	440753		
137	11.6		8.8	13.2
54	7.2		5.8	8.8
68	5.8		4.6	6.8

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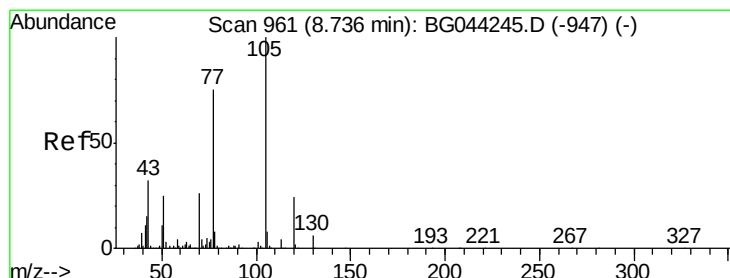
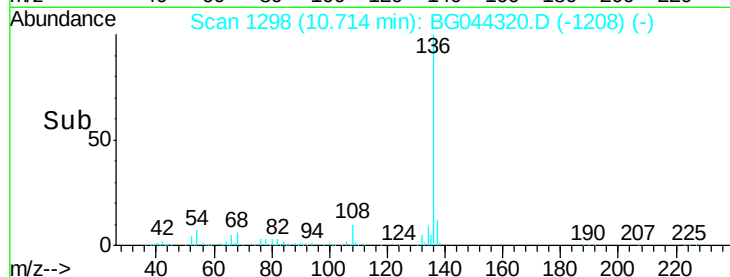
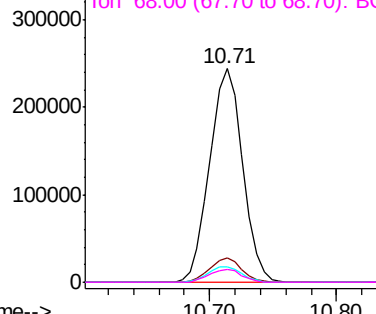
Abundance

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: 33.653 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	360836		
71	3.8		3.4	5.0
51	24.4		20.2	30.4
120	25.3		19.1	28.7

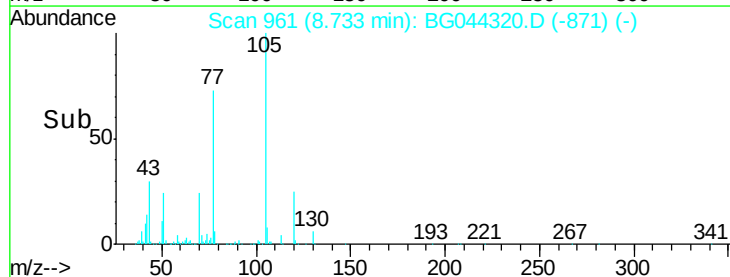
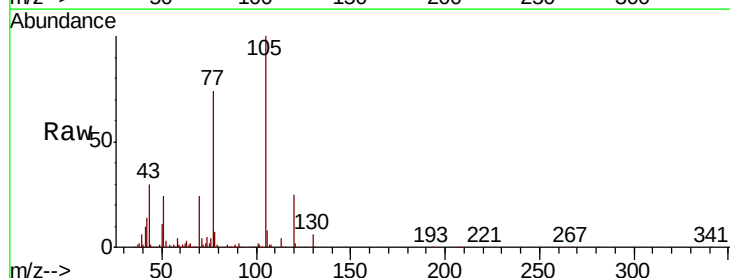
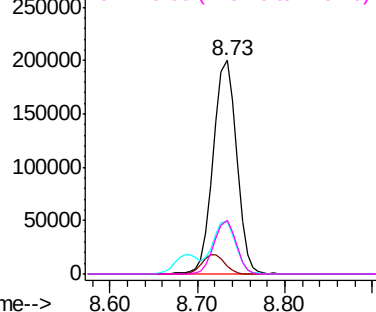
Abundance

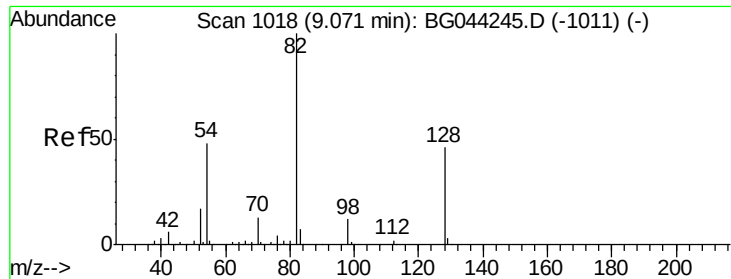
Ion 105.00 (104.70 to 105.70): E

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





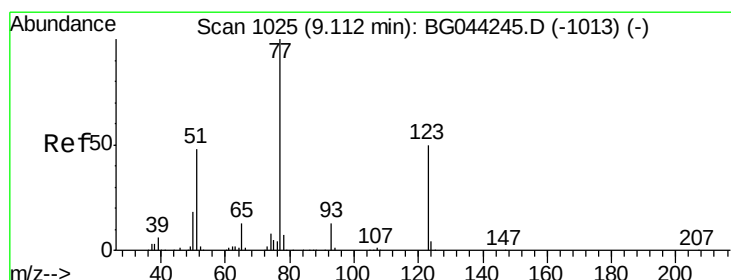
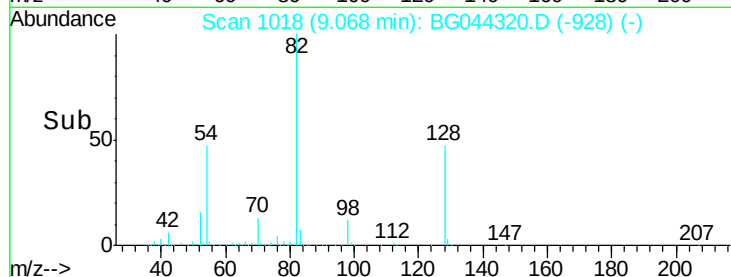
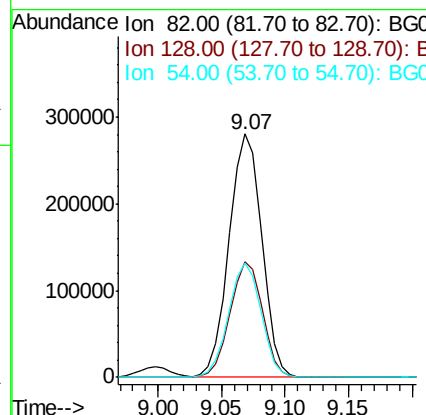
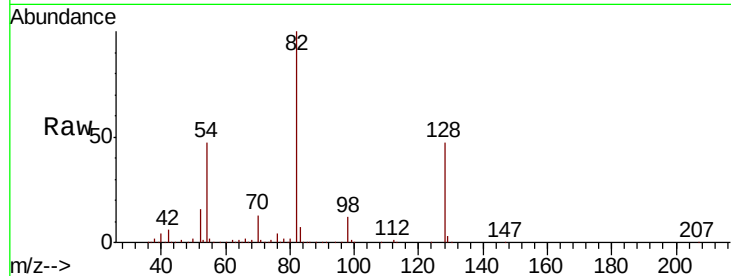
#23
Nitrobenzene-d5
Concen: 64.298 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	501976		
128	47.3		36.5	54.7
54	47.2		38.6	58.0

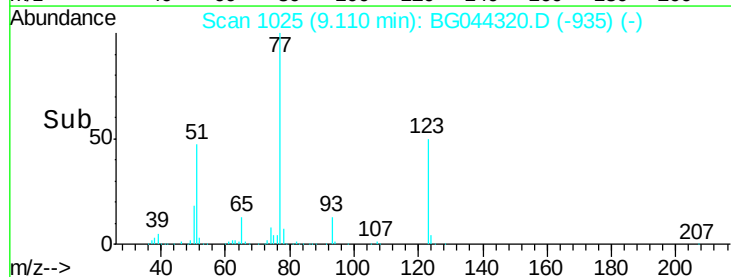
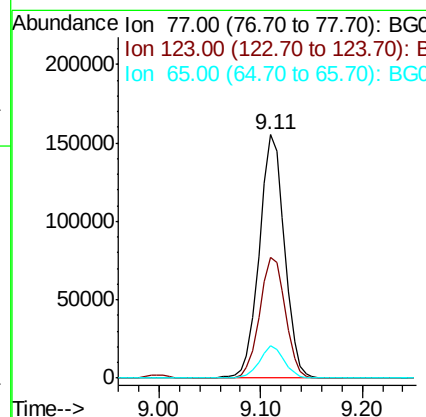
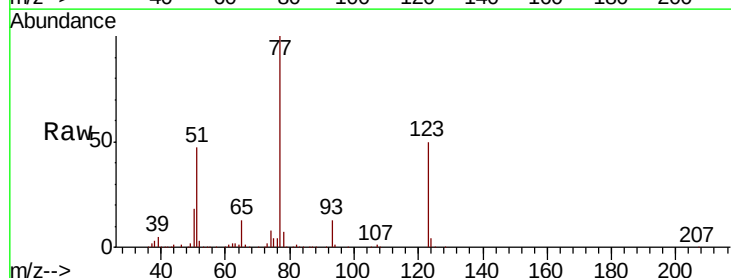
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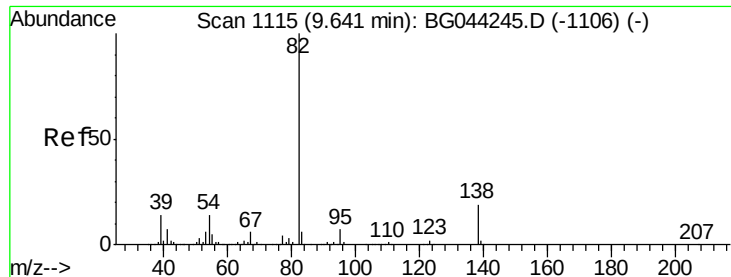
mohammad
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#24
Nitrobenzene
Concen: 35.095 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	267476		
123	49.5		39.9	59.9
65	13.4		10.4	15.6





#25

Isophorone

Concen: 36.498 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

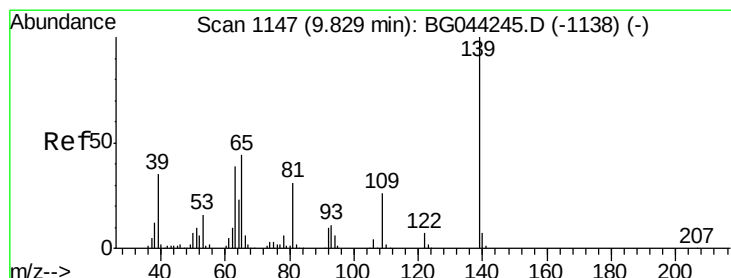
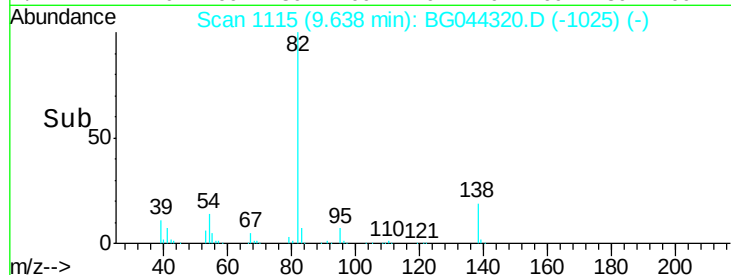
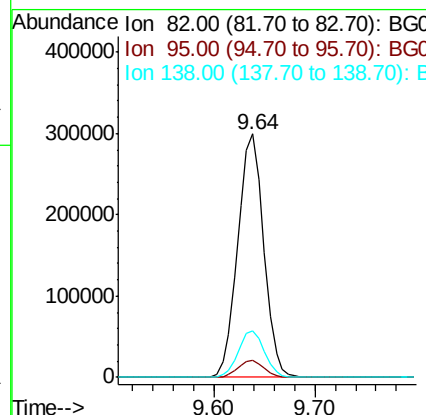
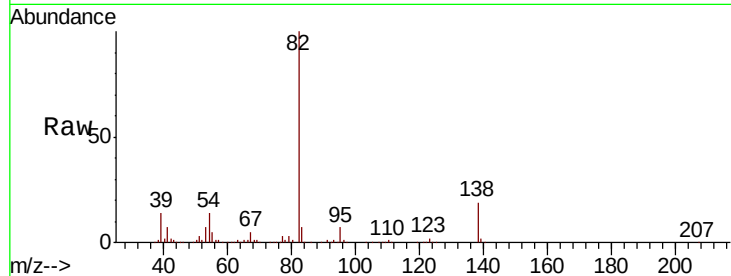
ClientSampleId :

PB126601BSD

Tot Ion:	82	Resp:	531090
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	19.2	15.0	22.4

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#26

2-Nitrophenol

Concen: 39.231 ng

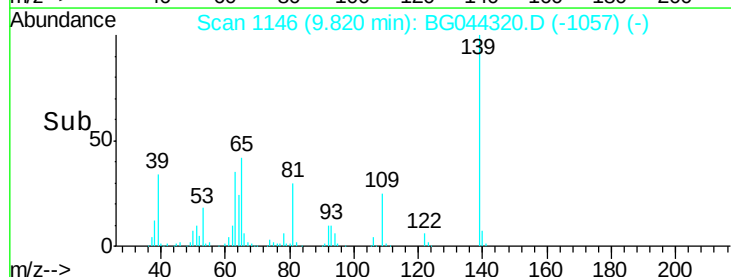
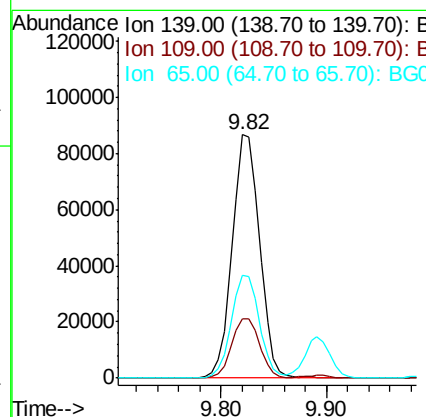
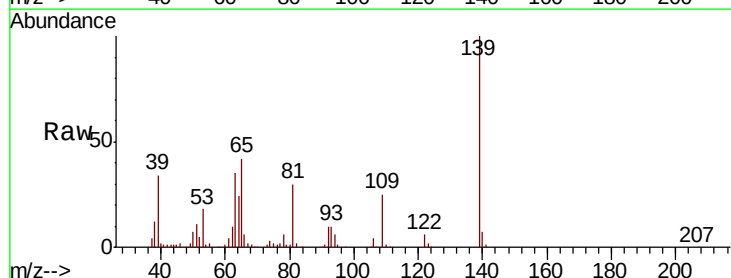
RT: 9.82 min Scan# 1146

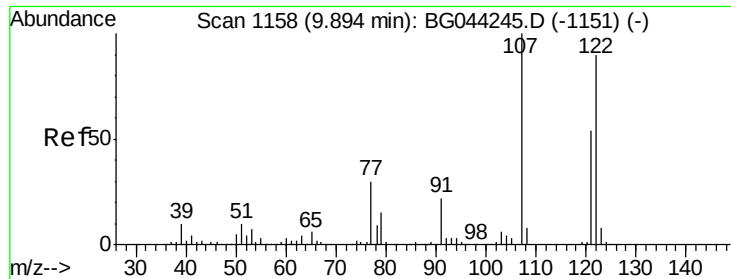
Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:	139	Resp:	155148
Ion	Ratio	Lower	Upper
139	100		
109	24.6	21.0	31.4
65	42.1	35.0	52.4





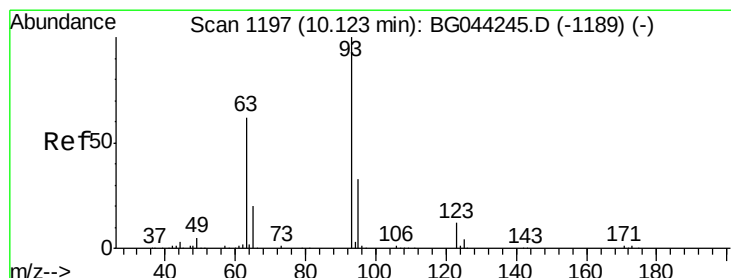
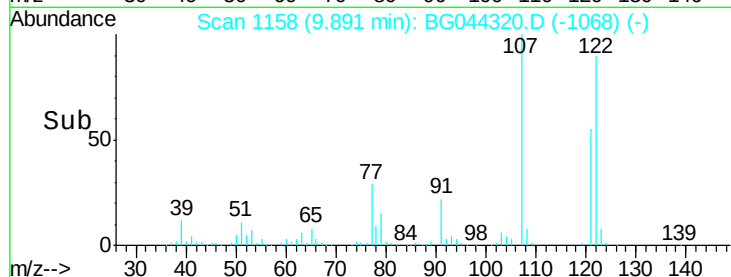
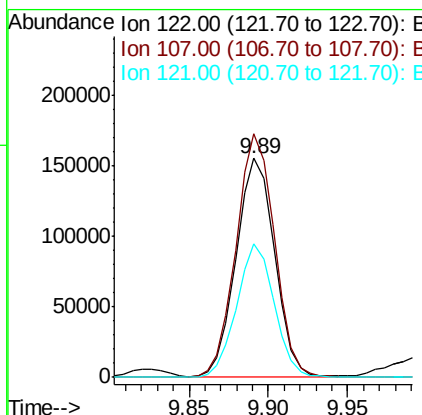
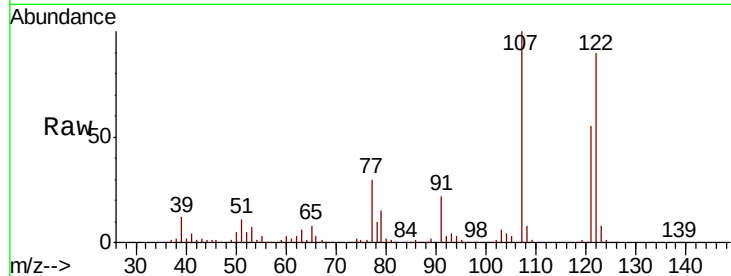
#27
2,4-Dimethylphenol
Concen: 46.955 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	88.8	133.2
121	60.8	48.3	72.5

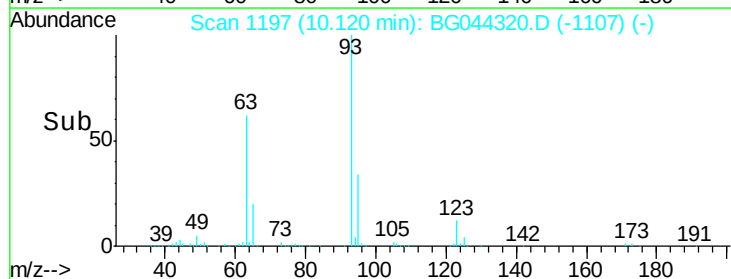
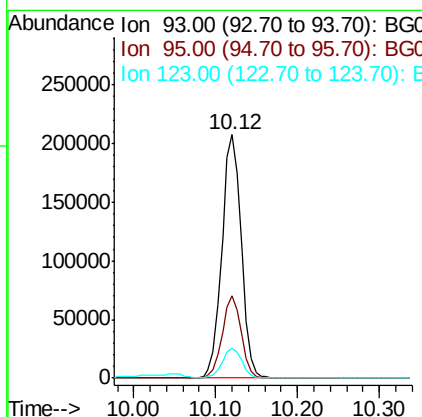
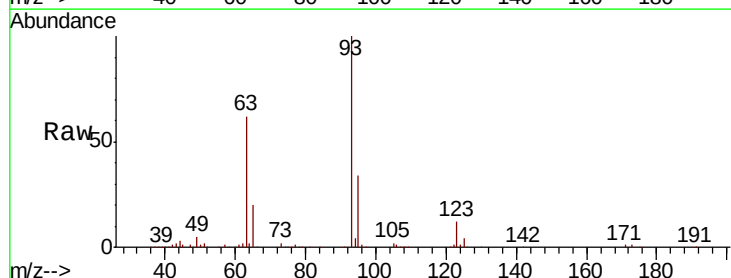
Manual Integrations
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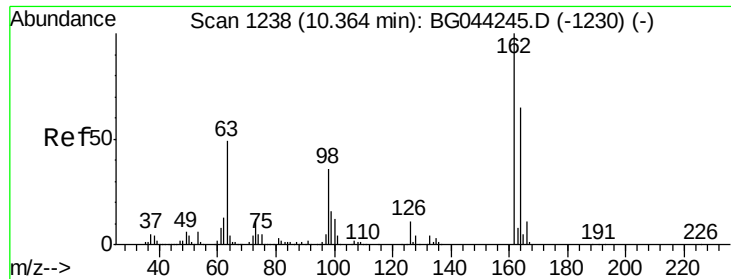
mohammad
2/10/2020 8:16:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.215 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	12.1	10.0	15.0





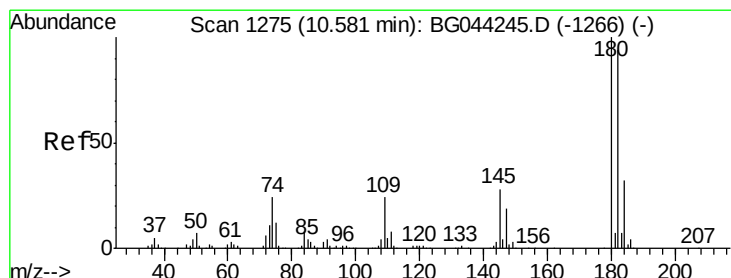
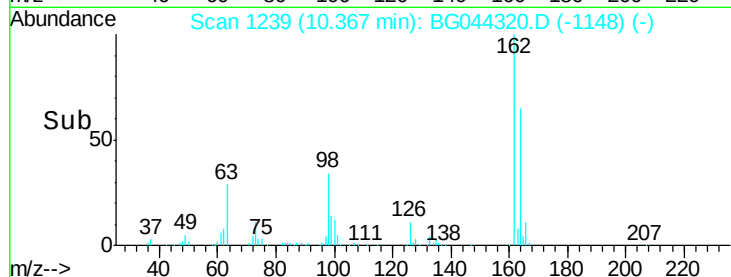
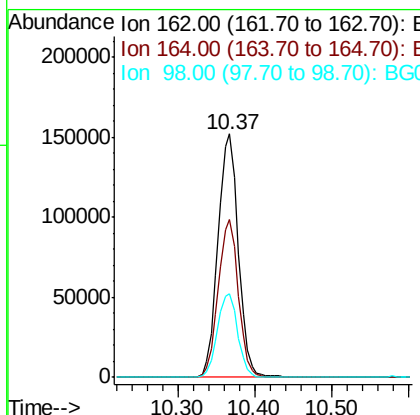
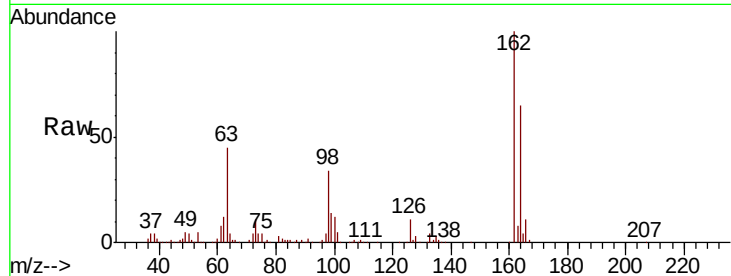
#29
 2,4-Dichlorophenol
 Concen: 40.947 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	276399		
164	64.7		44.7	84.7
98	34.5		15.8	55.8

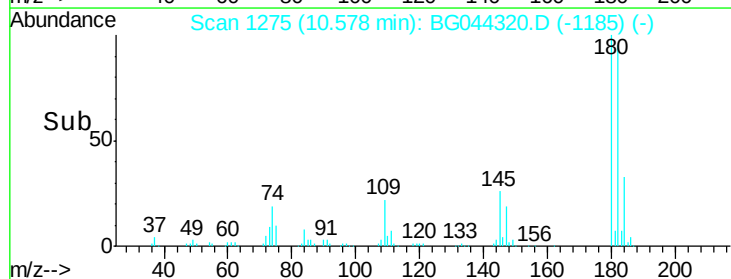
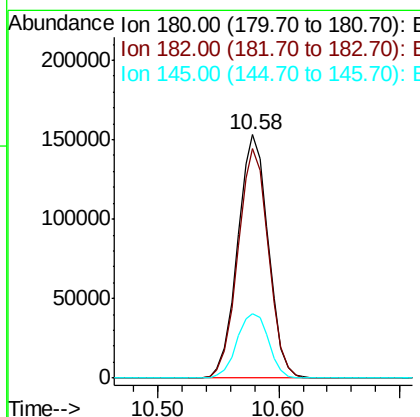
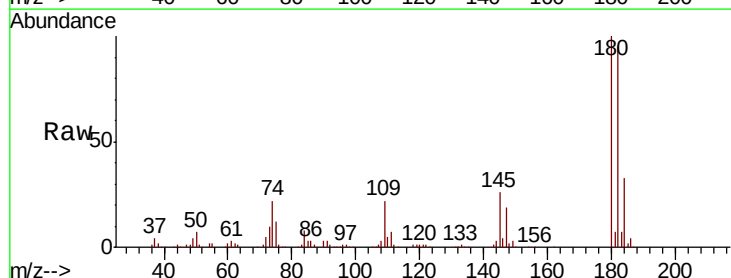
Manual Integrations
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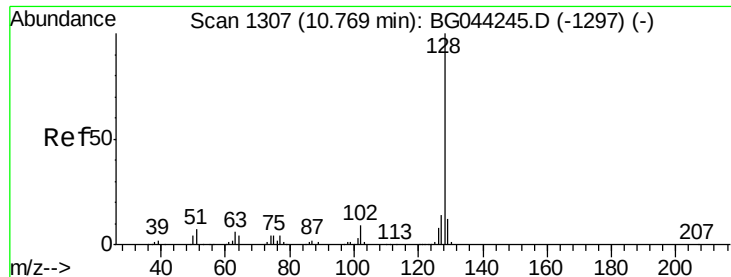
mohammad
 2/10/2020 8:16:48 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.814 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	269462		
182	94.5		75.5	113.3
145	26.3		22.6	34.0





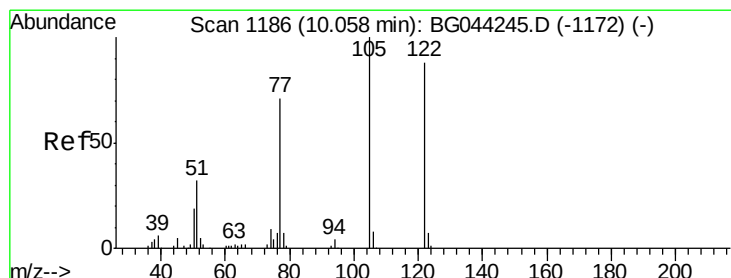
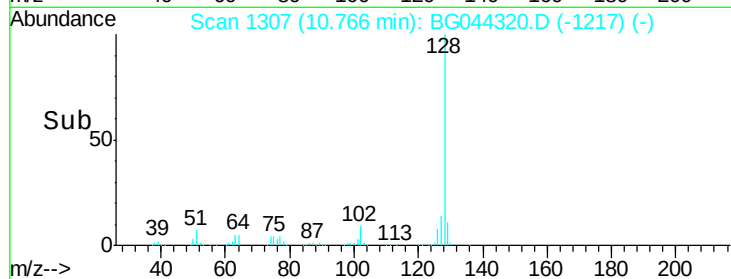
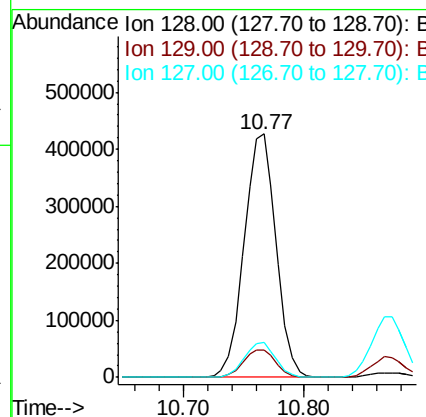
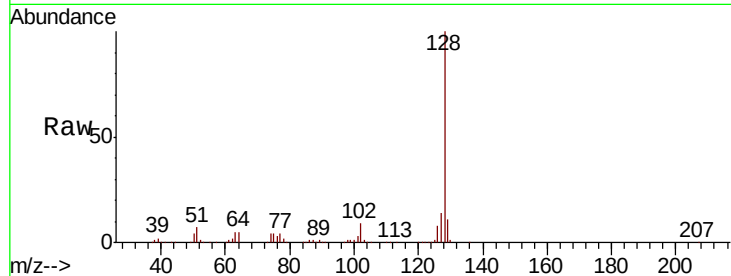
#31
Naphthalene
Concen: 36.498 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.4	11.6	17.4

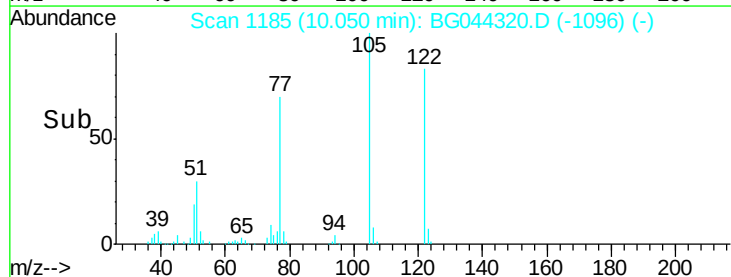
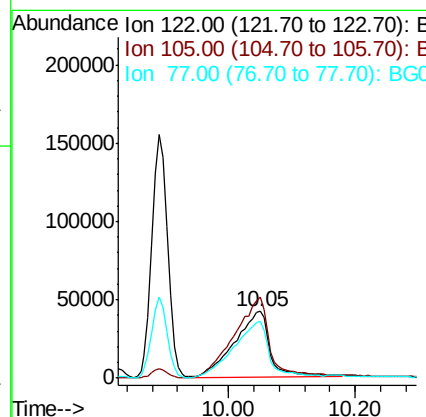
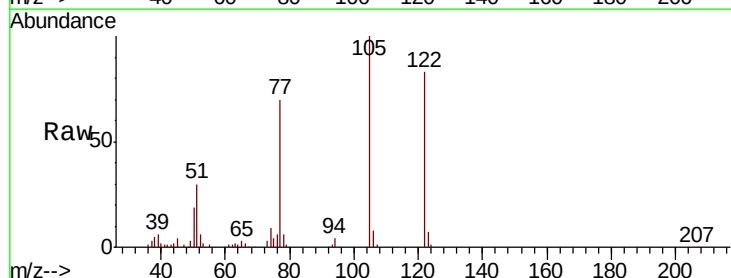
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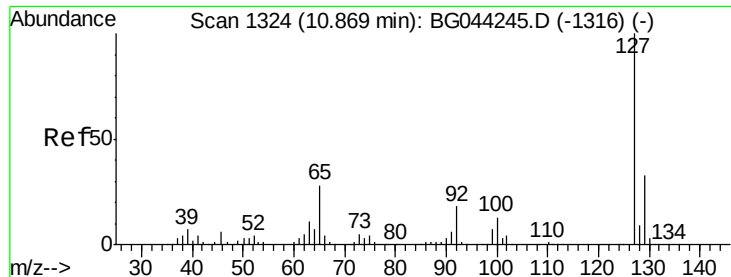
mohammad
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#32
Benzoic acid
Concen: 45.422 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	93.5	133.5
77	84.4	61.0	101.0





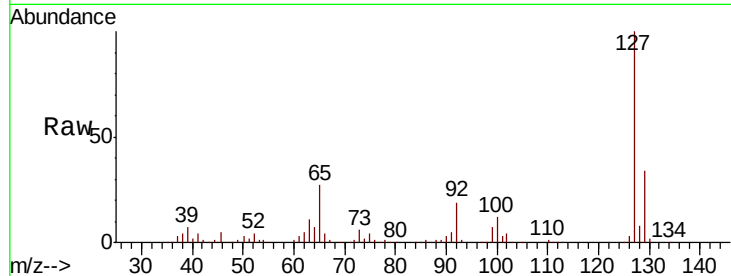
#33
4-Chloroaniline
Concen: 21.625 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

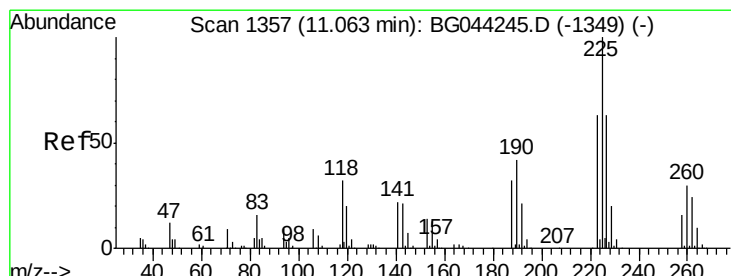
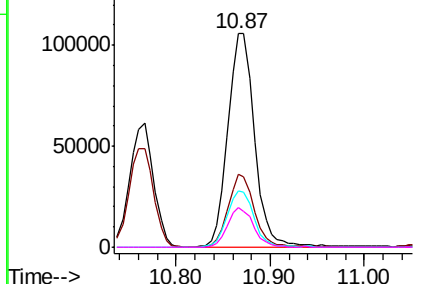
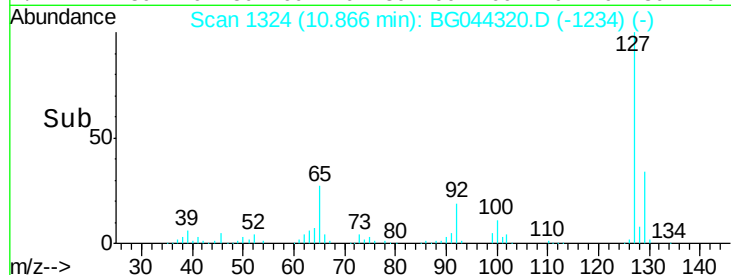
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		210317		
129	34.3	26.6	40.0		
65	26.6	22.5	33.7		
92	18.6	14.1	21.1		

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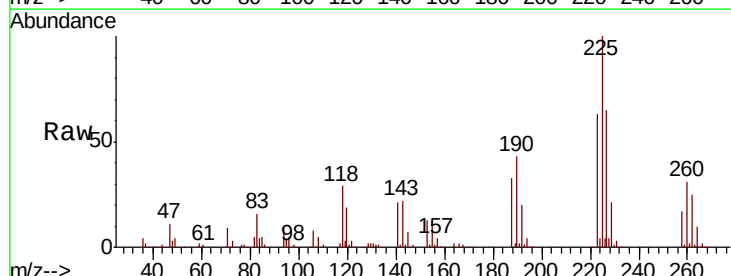


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

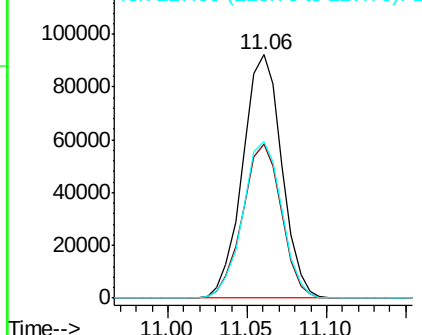
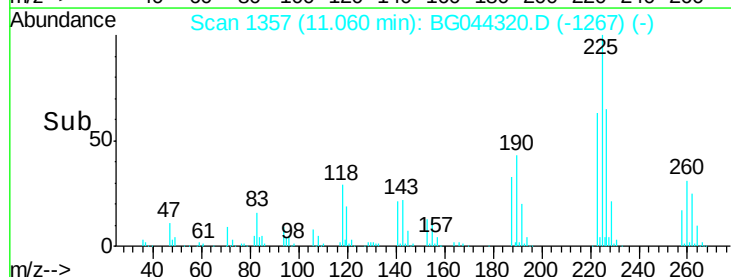


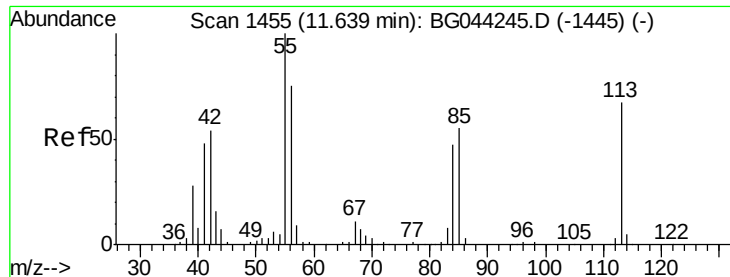
#34
Hexachlorobutadiene
Concen: 33.125 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		157766		
223	63.1	50.2	75.4		
227	64.6	50.8	76.2		



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





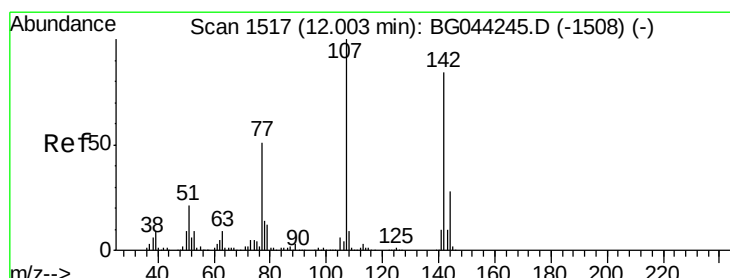
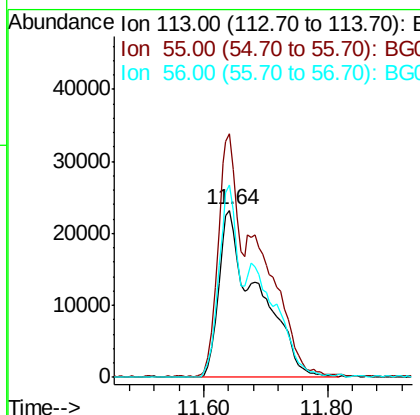
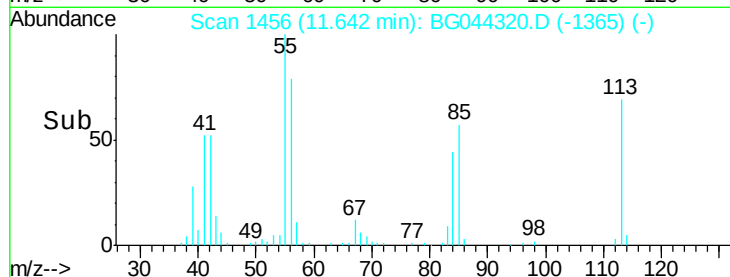
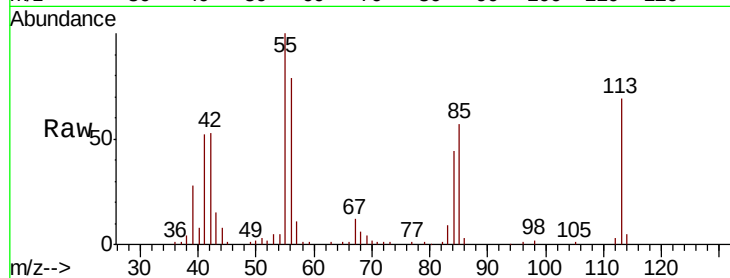
#35
Caprolactam
Concen: 41.222 ng/ml
RT: 11.64 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.5	129.9	169.9
56	114.9	92.5	132.5

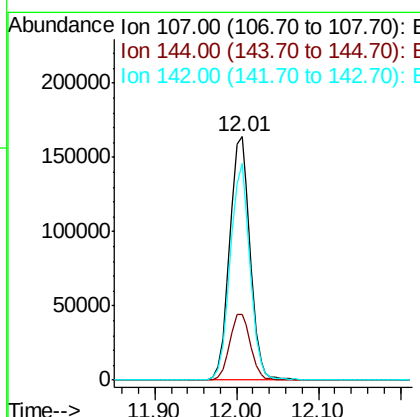
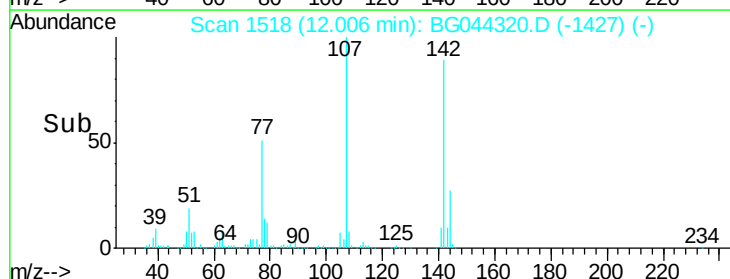
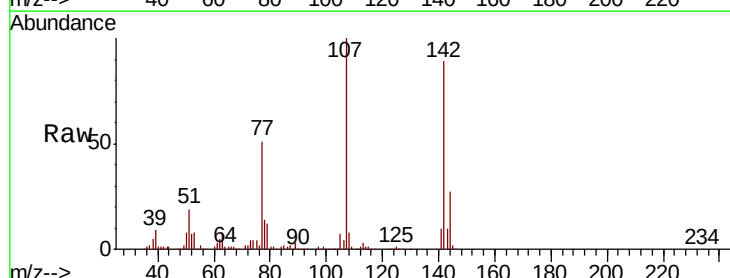
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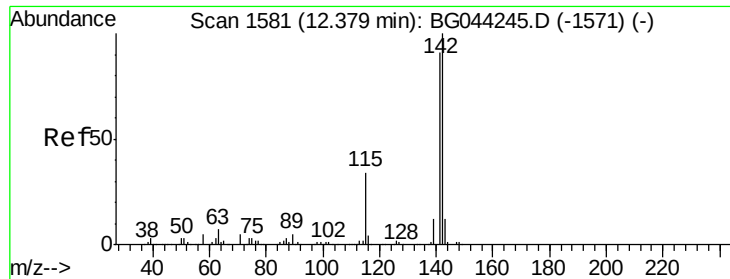
mohammad
2/10/2020 8:16:48 AM



#36
4-Chloro-3-methylphenol
Concen: 40.441 ng/ml
RT: 12.01 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	22.2	33.4
142	88.8	67.4	101.0





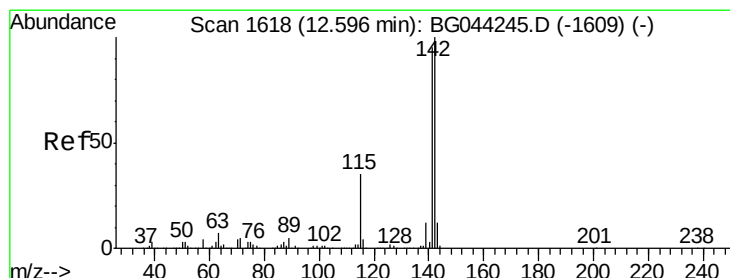
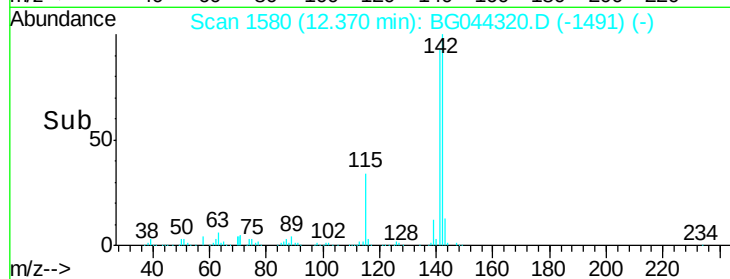
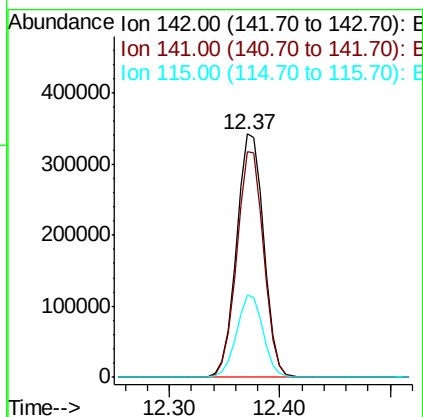
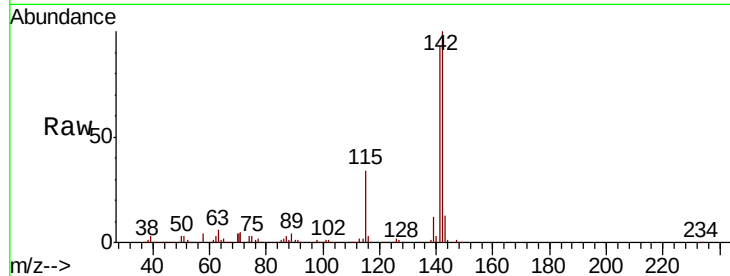
#37
2-Methylnaphthalene
Concen: 37.411 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8
115	33.7	27.1	40.7

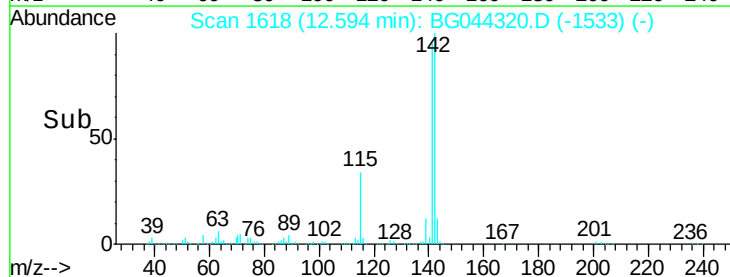
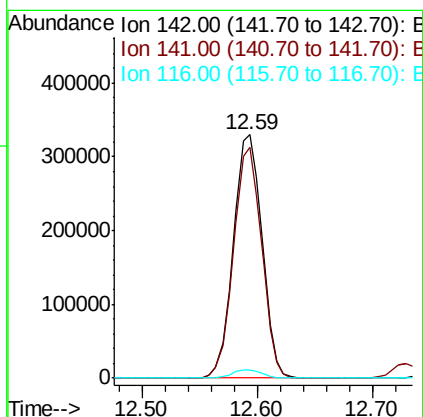
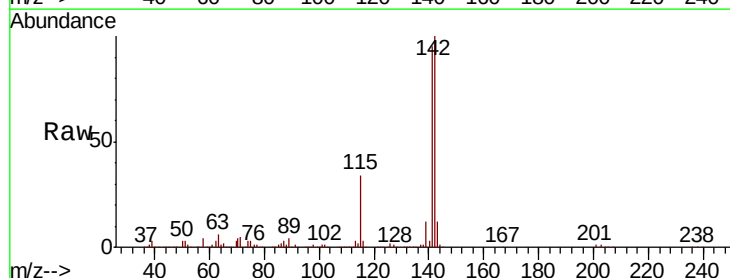
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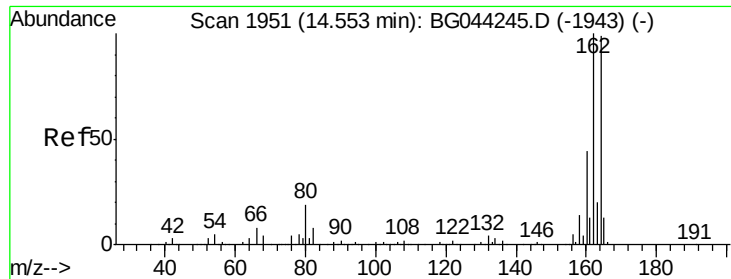
mohammad
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#38
1-Methylnaphthalene
Concen: 37.805 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.8	113.6
116	3.4	3.1	4.7





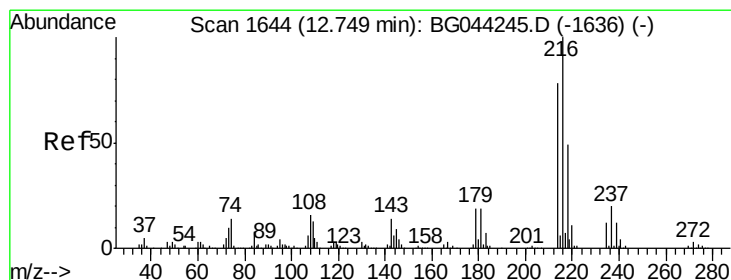
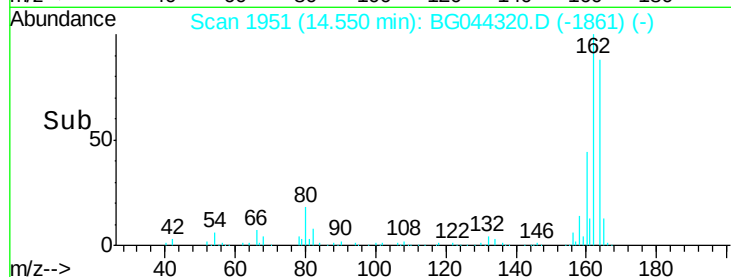
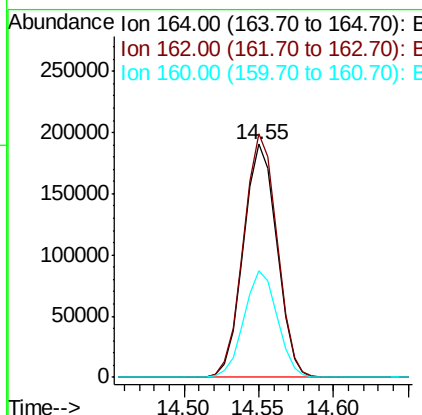
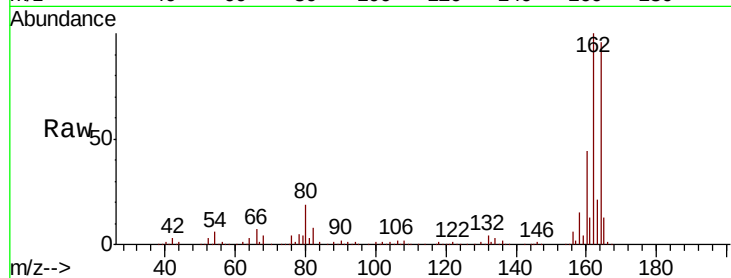
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampled :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.5	80.7	121.1	
160	46.0	35.3	52.9	

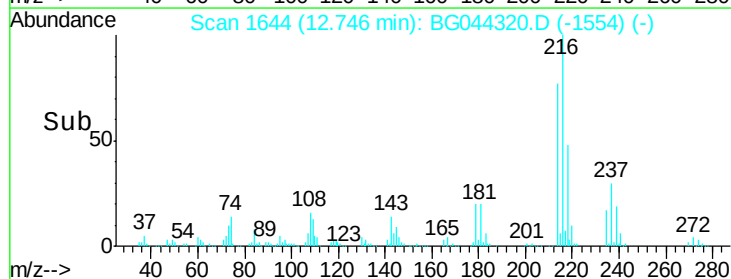
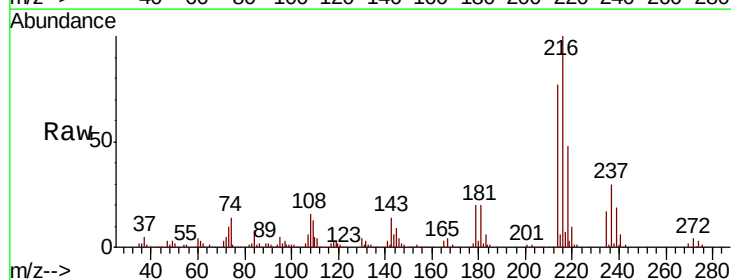
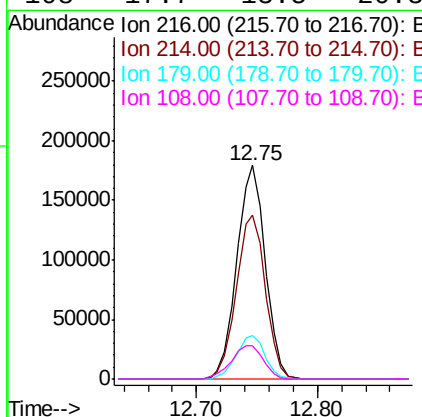
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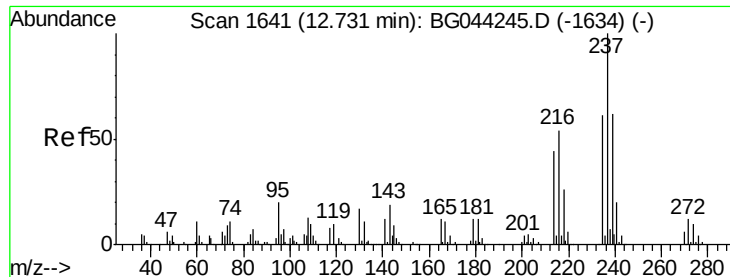
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.175 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.0	94.6	
179	20.4	16.2	24.4	
108	17.7	13.5	20.3	





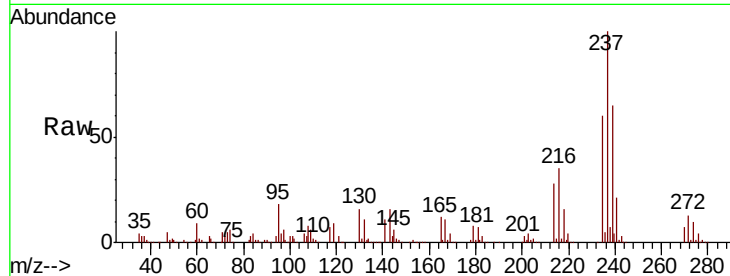
#41
Hexachlorocyclopentadiene
Concen: 65.453 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.0	41.2	81.2
272	13.0	0.0	32.4

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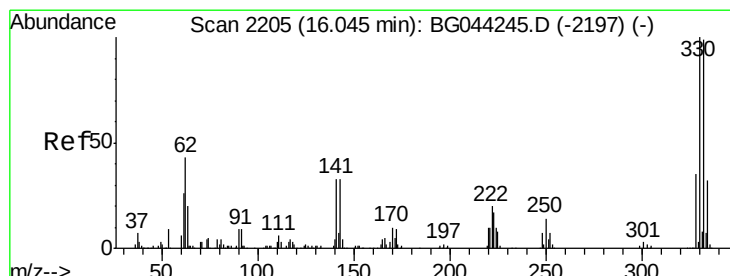
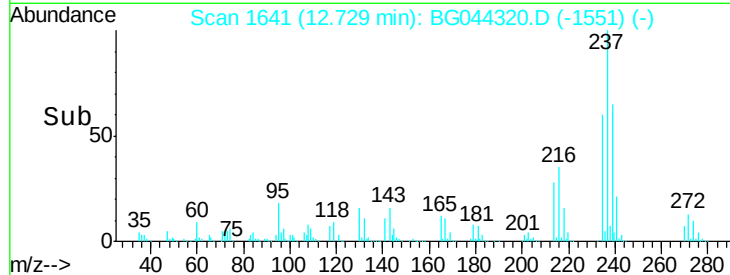
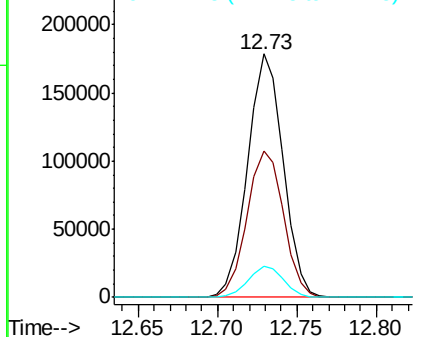


Abundance

Ion 236.80 (236.50 to 237.50): E

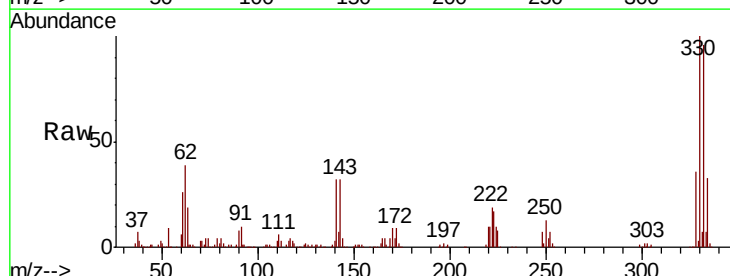
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 98.278 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	77.2	115.8
141	34.7	28.3	42.5

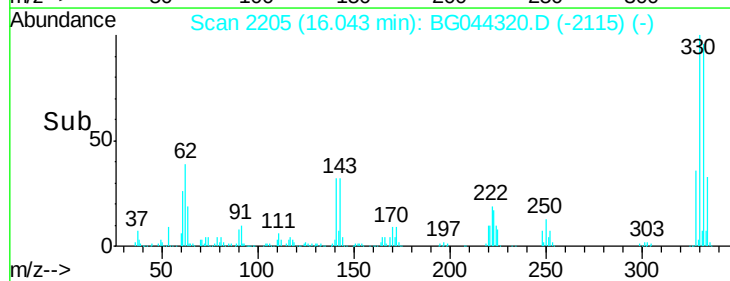
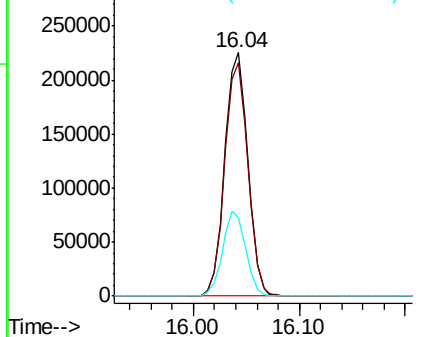


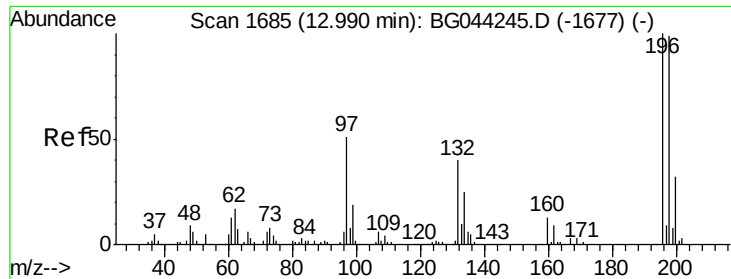
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





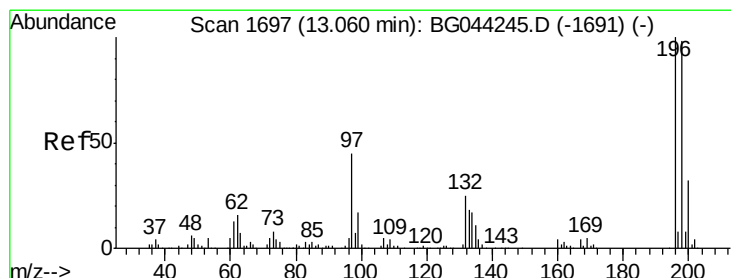
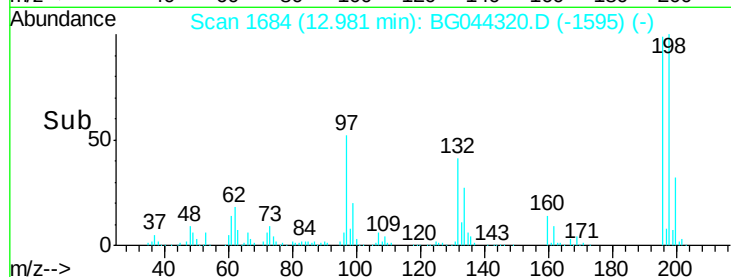
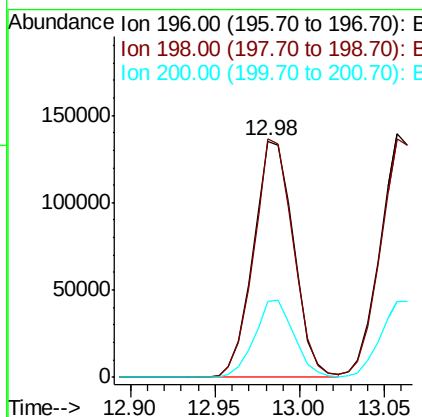
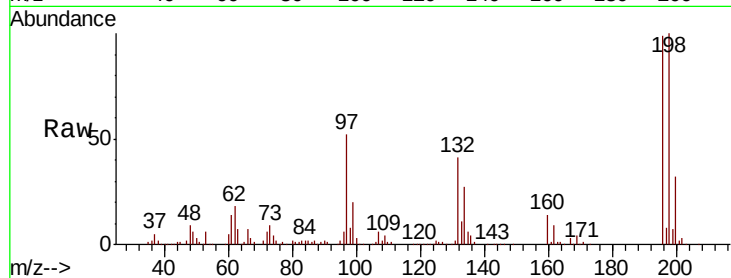
#43
 2,4,6-Trichlorophenol
 Concen: 39.060 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223423		
198	100.8	79.3	118.9	
200	32.2	25.7	38.5	

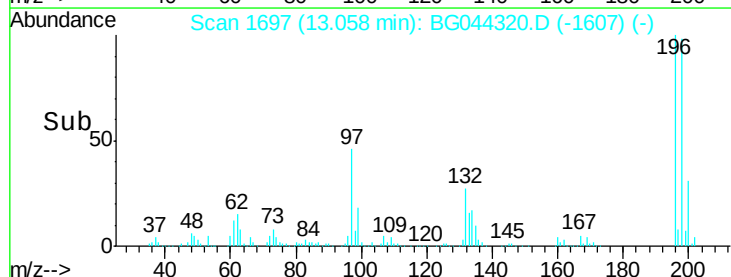
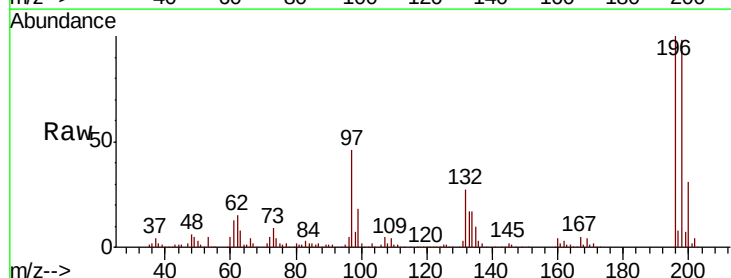
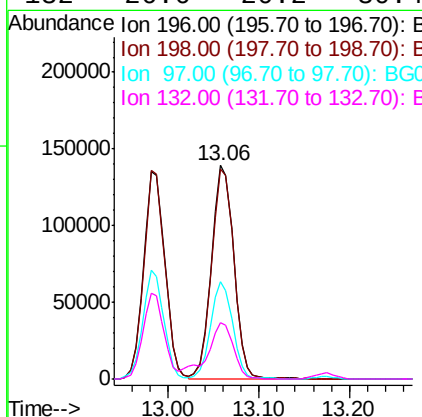
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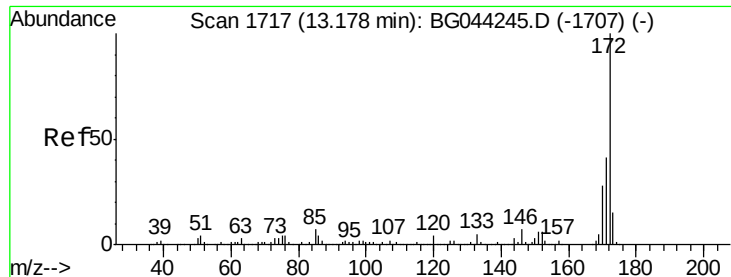
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.933 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239147		
198	98.1	78.2	117.2	
97	45.7	36.2	54.4	
132	26.6	20.2	30.4	





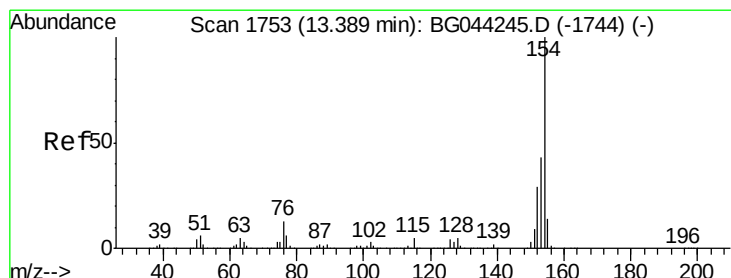
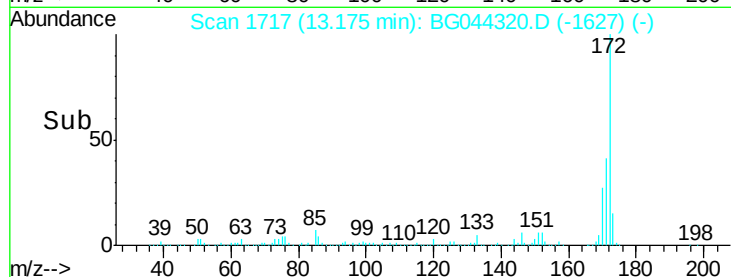
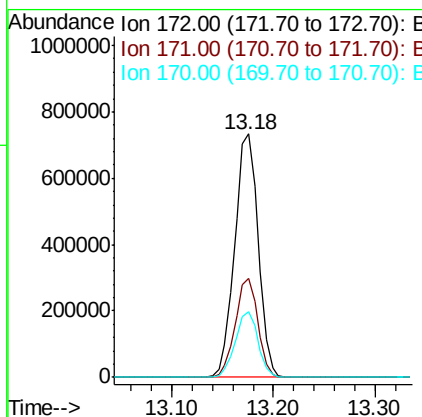
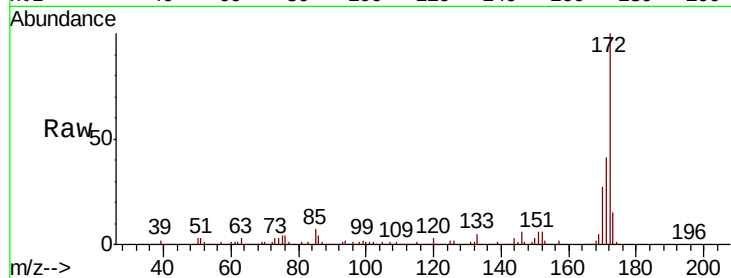
#45
2-Fluorobiphenyl
Concen: 66.751 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	32.9	49.3
170	26.9	22.0	33.0

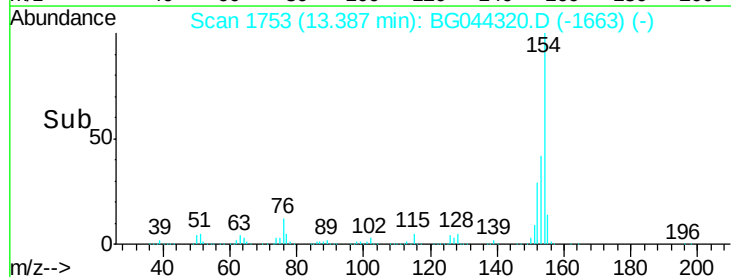
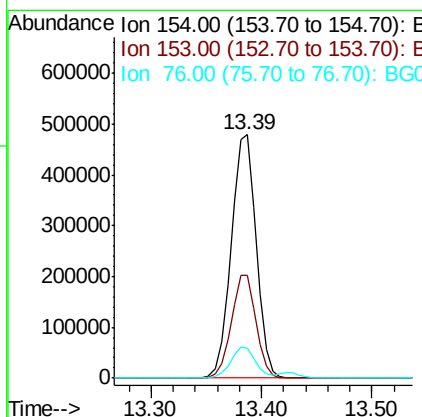
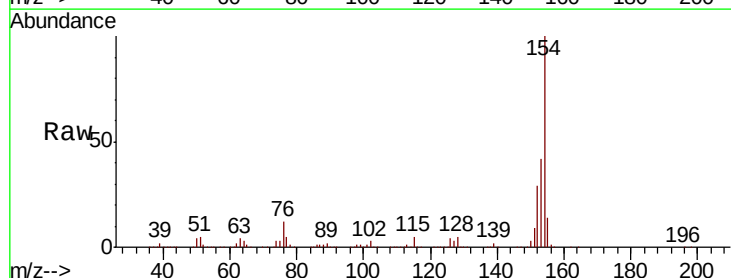
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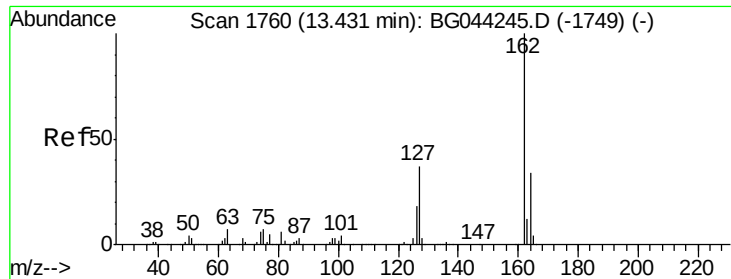
mohammad
2/10/2020 8:16:48 AM



#46
1,1'-Biphenyl
Concen: 35.520 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.7	62.7
76	12.2	0.0	32.9





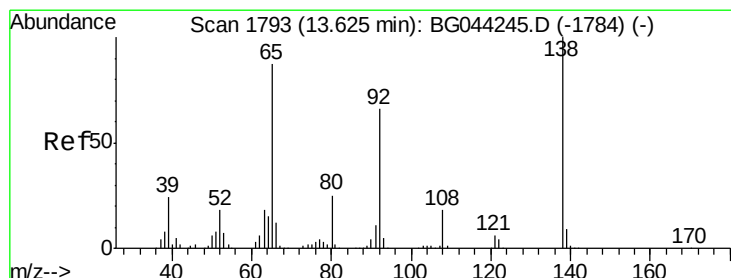
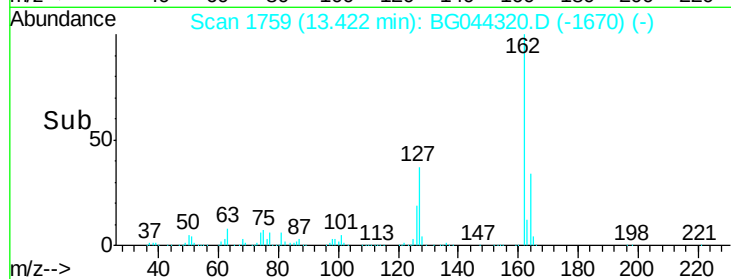
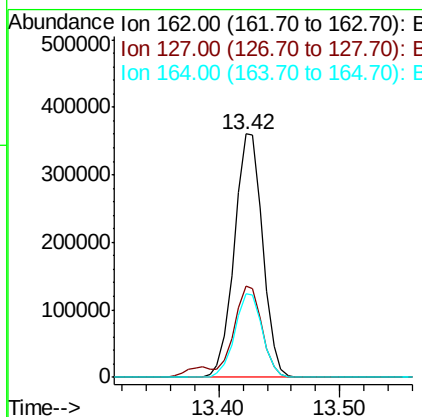
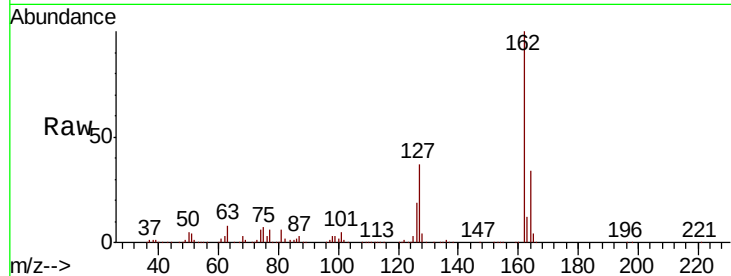
#47
 2-Chloronaphthalene
 Concen: 34.725 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	34.4	27.2	40.8

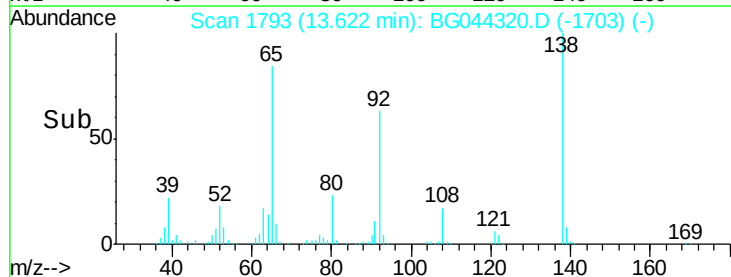
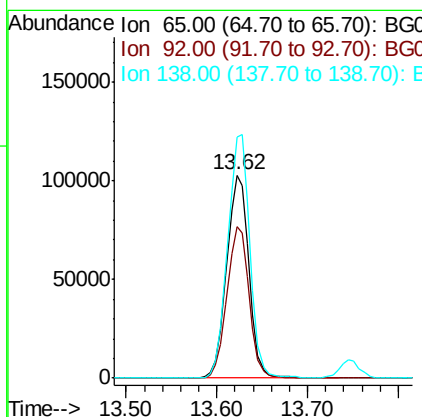
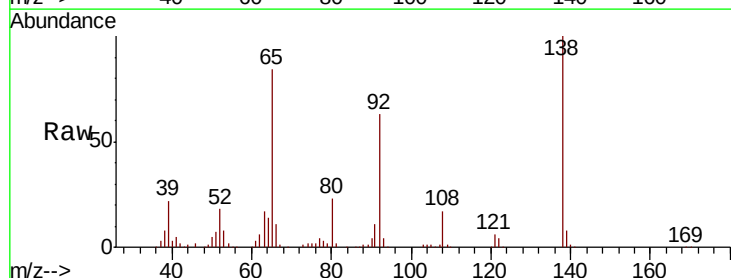
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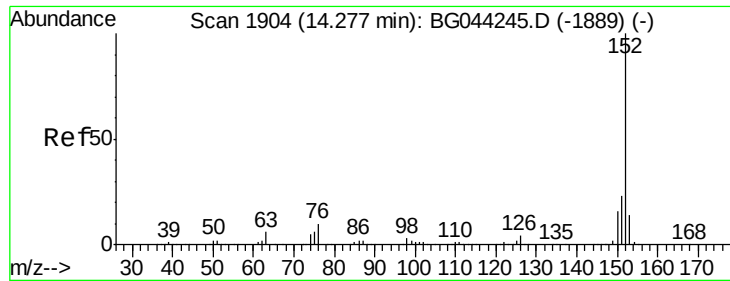
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#48
 2-Nitroaniline
 Concen: 35.013 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	60.3	90.5
138	118.7	91.9	137.9





#49

Acenaphthylene

Concen: 37.475 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

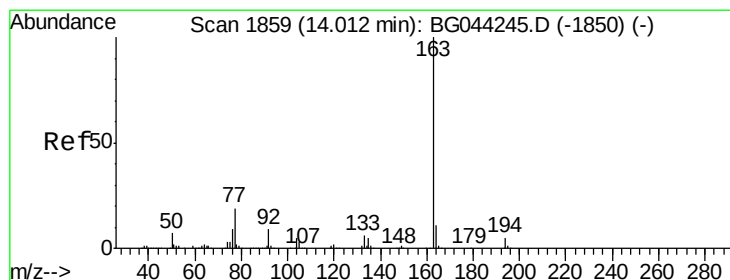
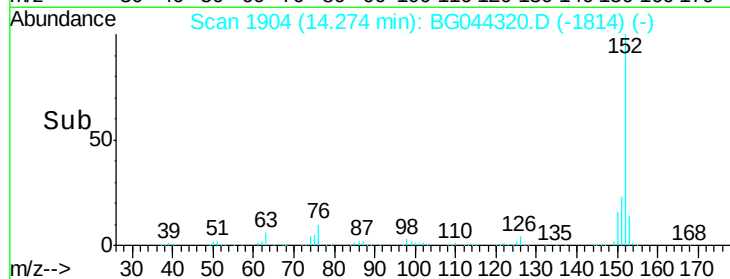
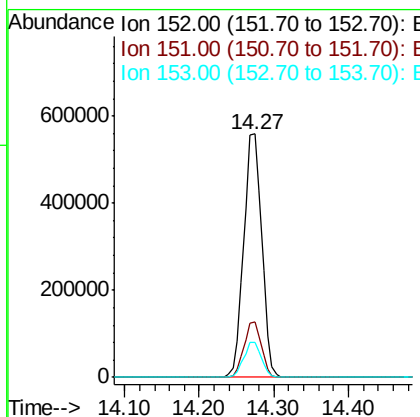
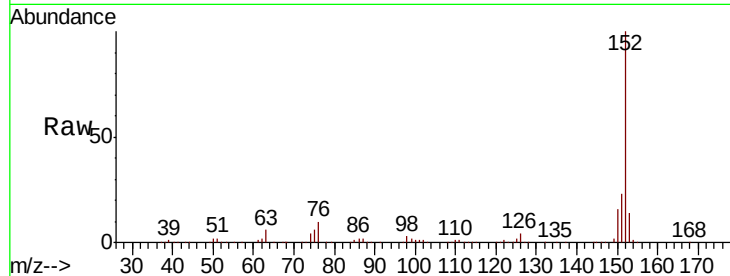
ClientSampleId :

PB126601BSD

Tot Ion:	152	Resp:	933319
Ion Ratio	Lower	Upper	
152	100		
151	22.6	18.1	27.1
153	14.3	11.5	17.3

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#50

Dimethylphthalate

Concen: 35.840 ng

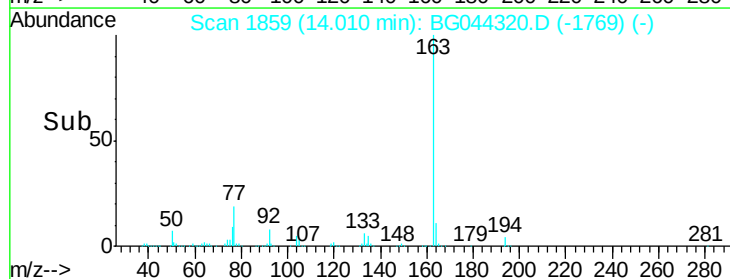
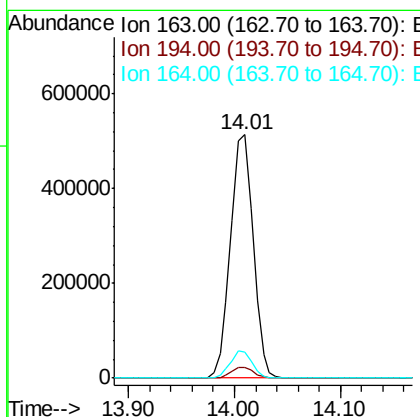
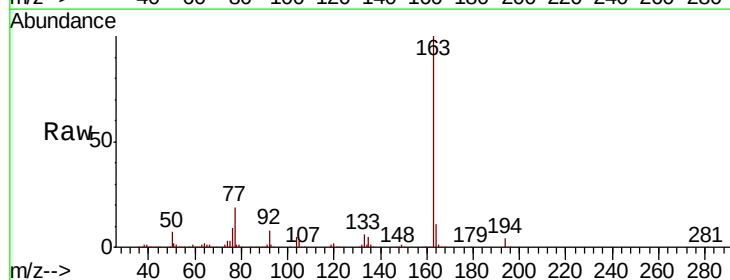
RT: 14.01 min Scan# 1859

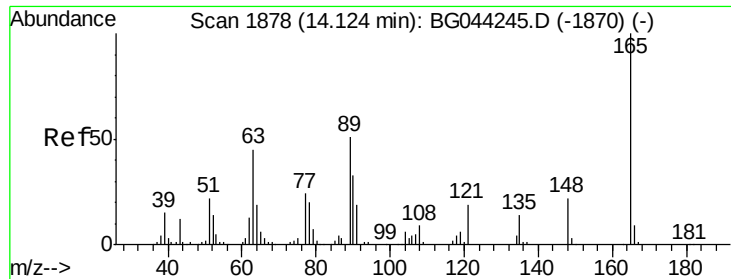
Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:	163	Resp:	762153
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.9	8.7	13.1





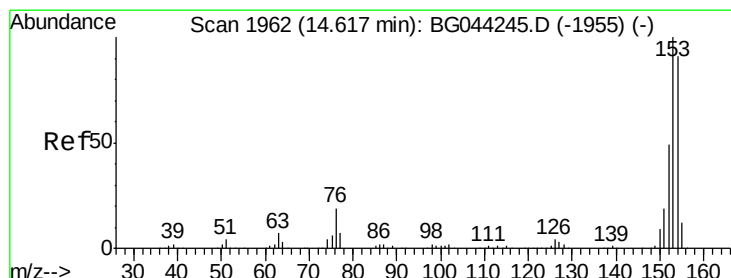
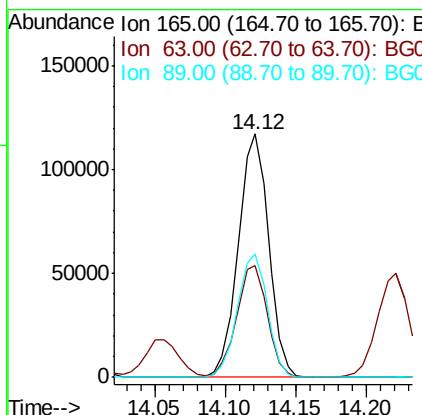
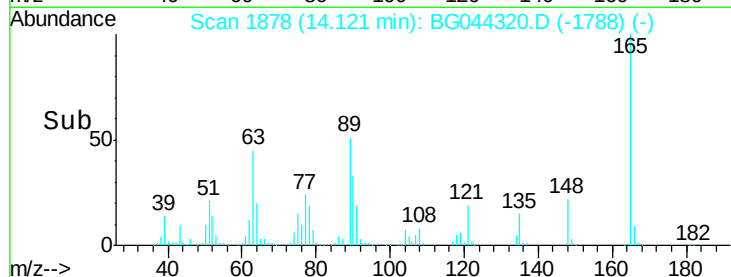
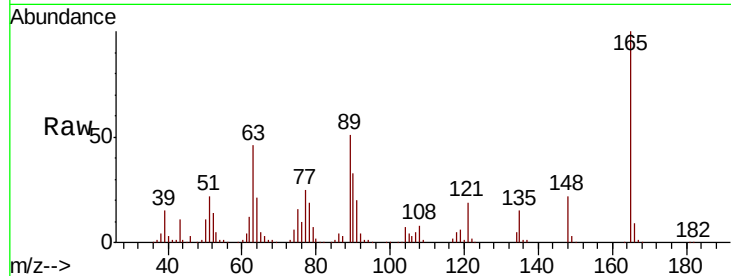
#51
 2,6-Dinitrotoluene
 Concen: 37.094 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.8	38.7	58.1
89	50.6	40.4	60.6

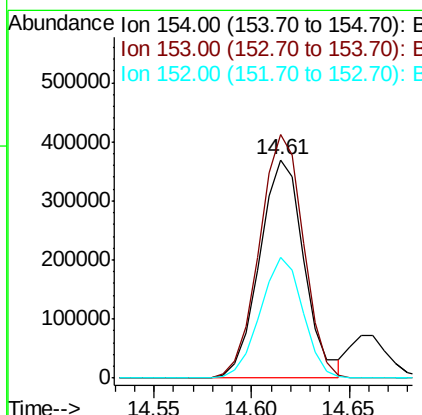
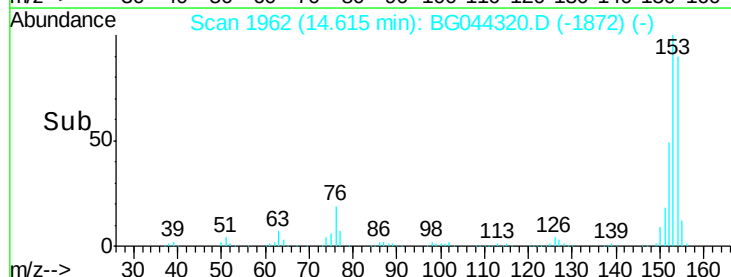
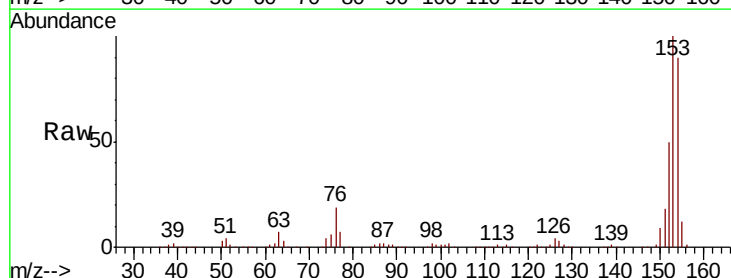
Manual Integrations
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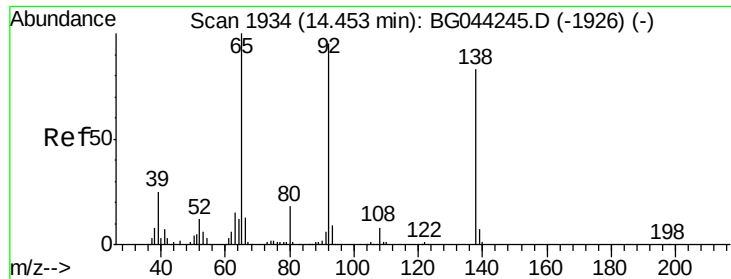
mohammad
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#52
 Acenaphthene
 Concen: 36.114 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.9	131.9
152	55.2	43.1	64.7





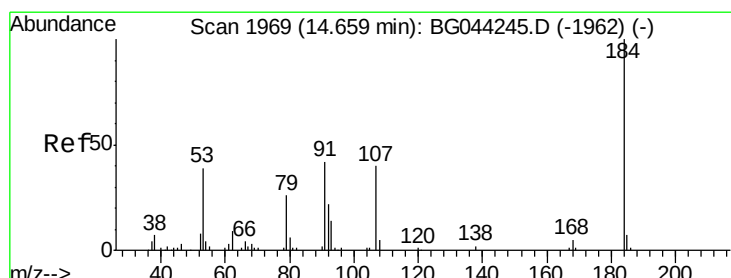
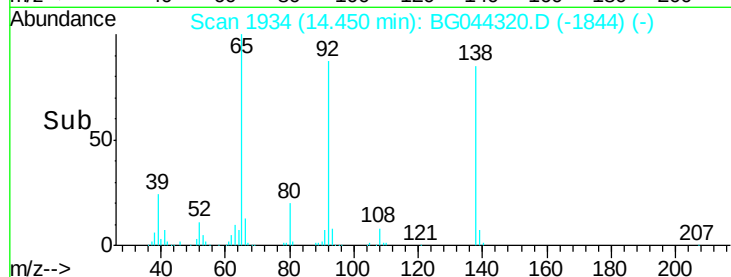
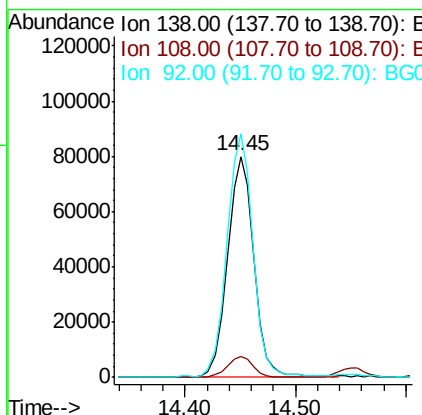
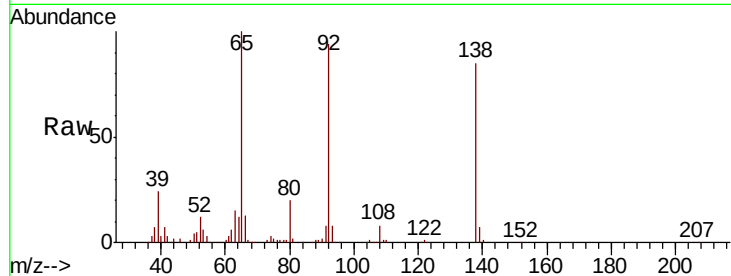
#53
3-Nitroaniline
Concen: 25.495 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	110.1	91.0	136.4

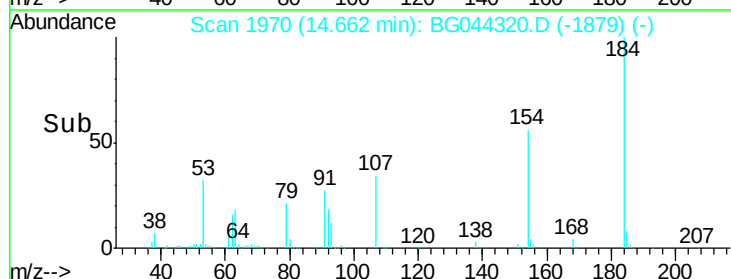
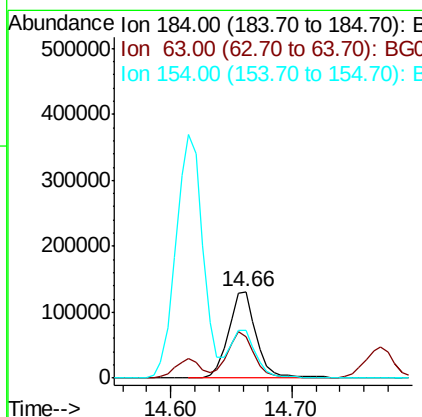
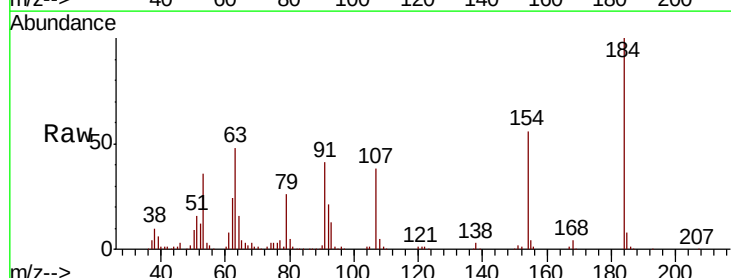
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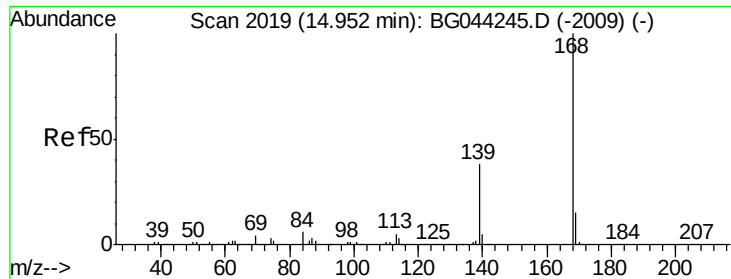
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#54
2,4-Dinitrophenol
Concen: 75.052 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.9	44.1	66.1
154	55.7	45.4	68.0





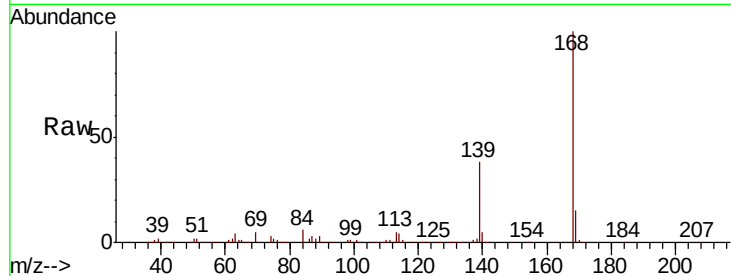
#55
Dibenzenofuran
Concen: 36.586 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

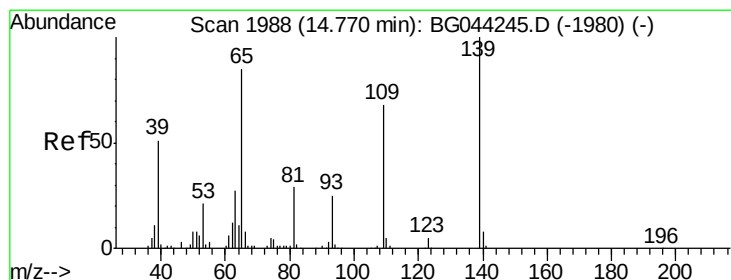
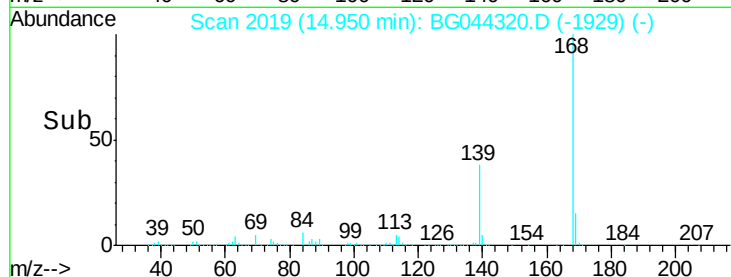
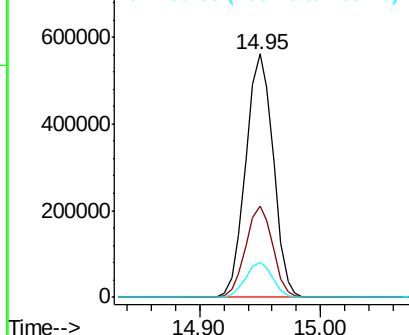
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	14.6	11.7	17.5

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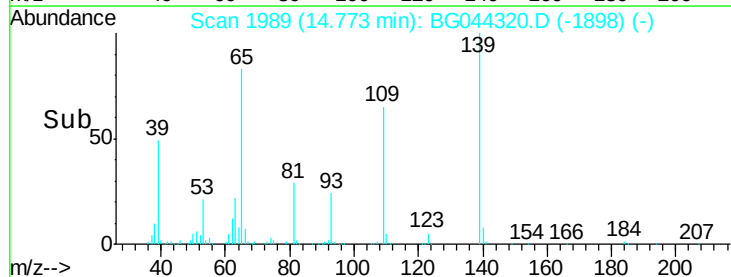
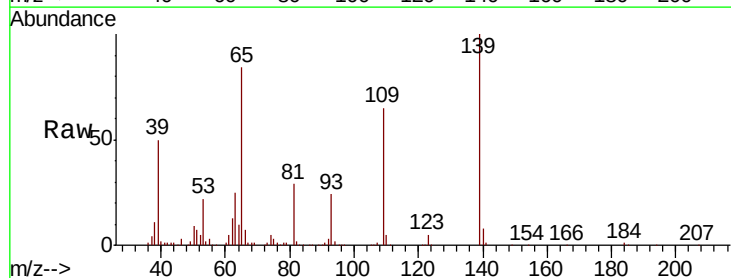
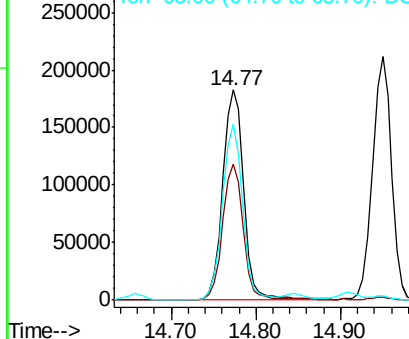
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

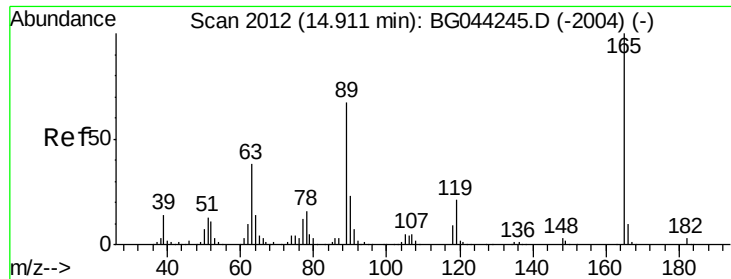


#56
4-Nitrophenol
Concen: 82.161 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	47.5	87.5
65	83.6	64.9	104.9

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO





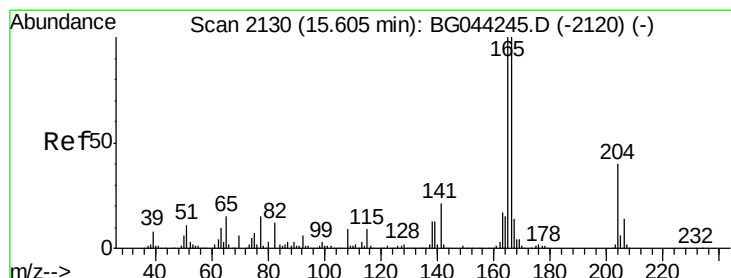
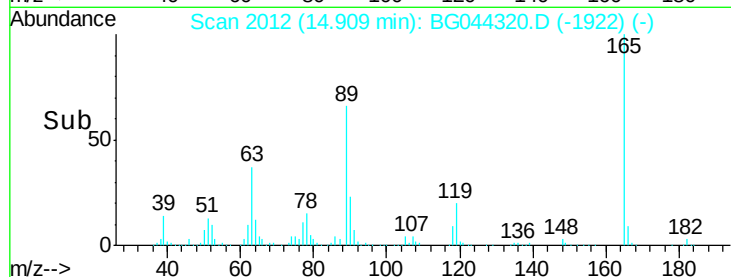
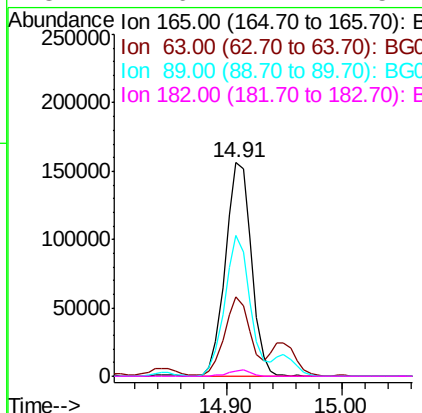
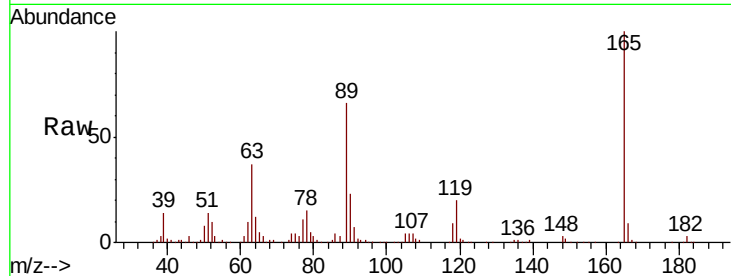
#57
2,4-Dinitrotoluene
Concen: 36.572 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	37.0	30.3	45.5
89	65.8	53.4	80.2
182	2.6	2.1	3.1

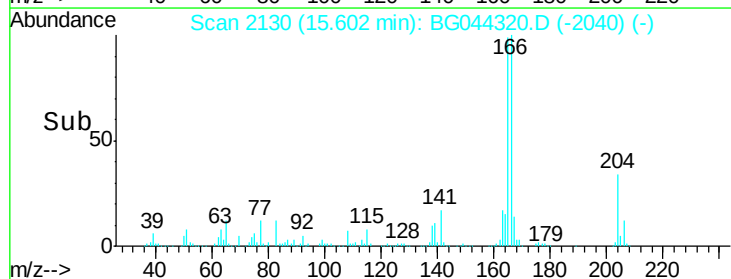
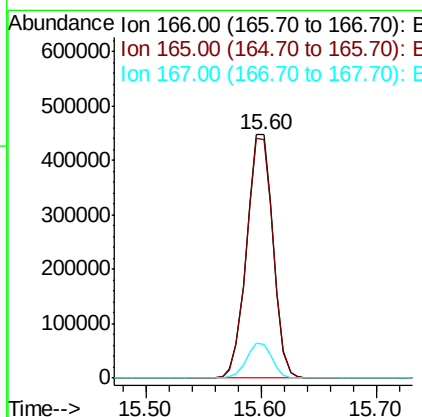
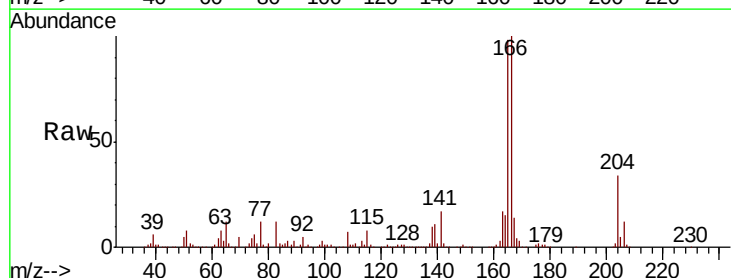
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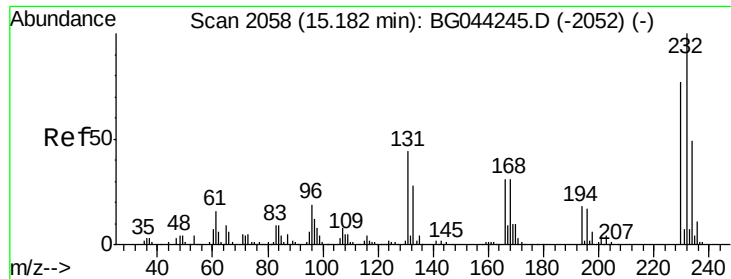
mohammad
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#58
Fluorene
Concen: 36.819 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.2	79.9	119.9
167	13.9	11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.641 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

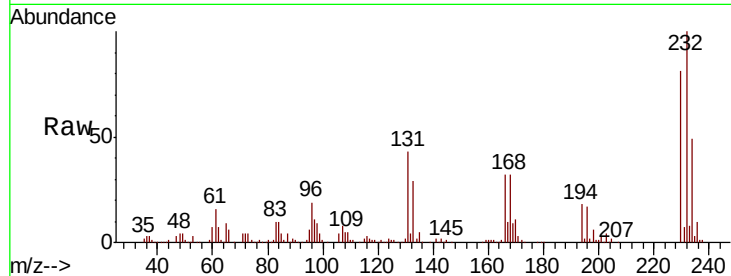
ClientSampleId :

PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	209195		
131	41.5		34.2	51.4
130	2.5		1.8	2.8
166	31.6		23.8	35.8

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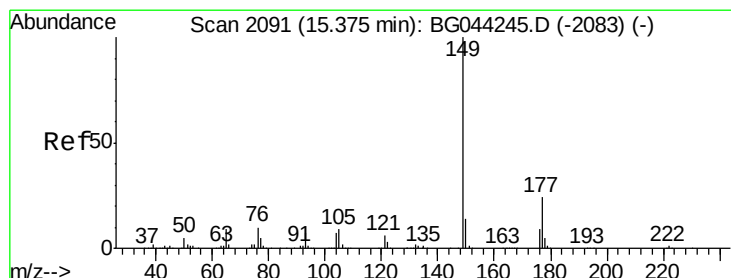
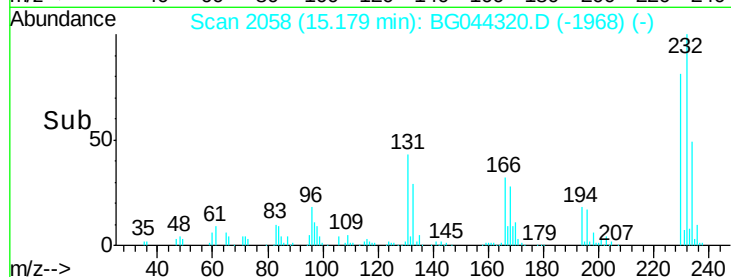
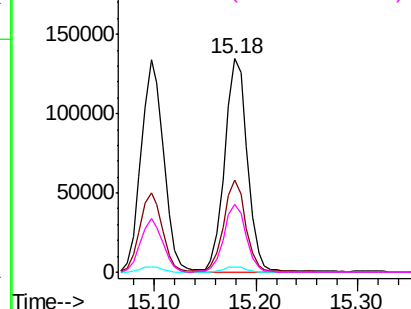
Abundance

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: 35.994 ng

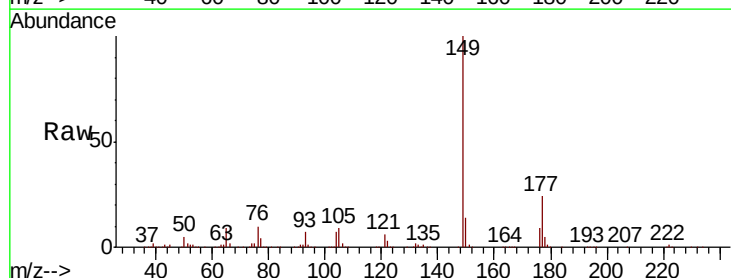
RT: 15.37 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	762691		
177	24.2		19.4	29.0
150	13.5		10.9	16.3

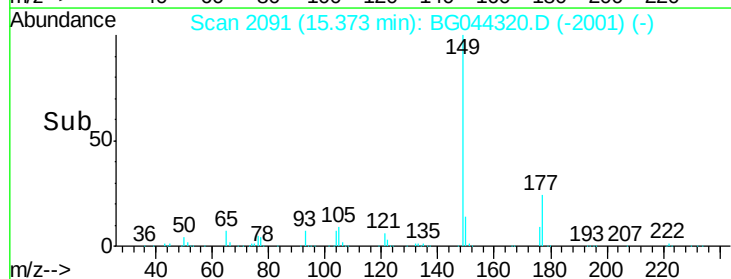
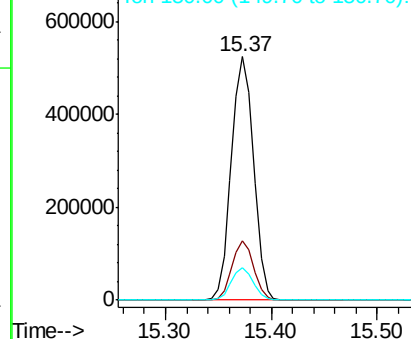


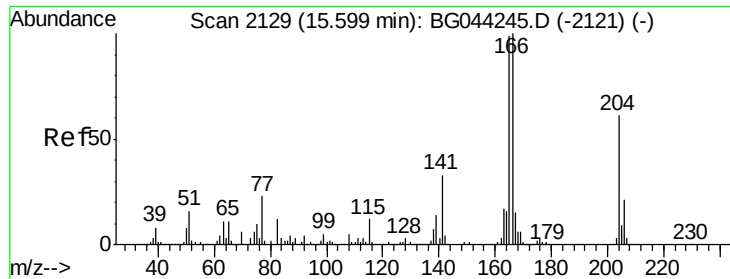
Abundance

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





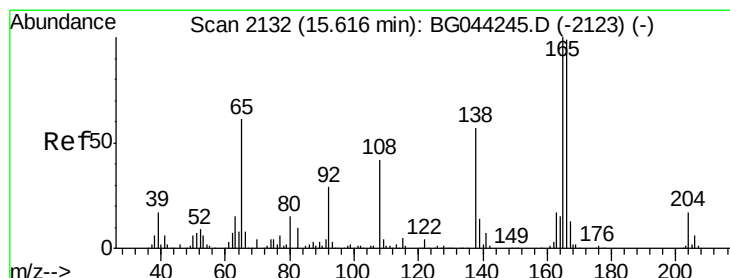
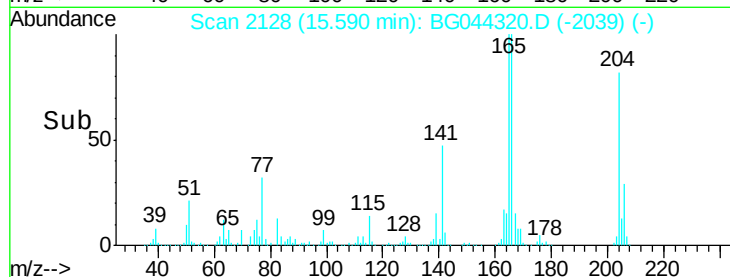
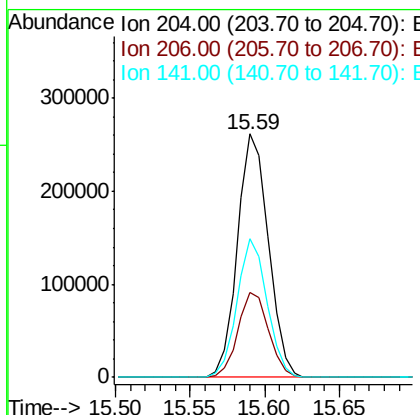
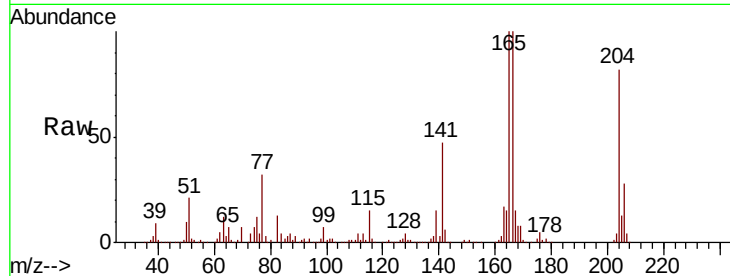
#61
4-Chlorophenyl-phenylether
Concen: 35.997 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	57.0	43.4	65.0

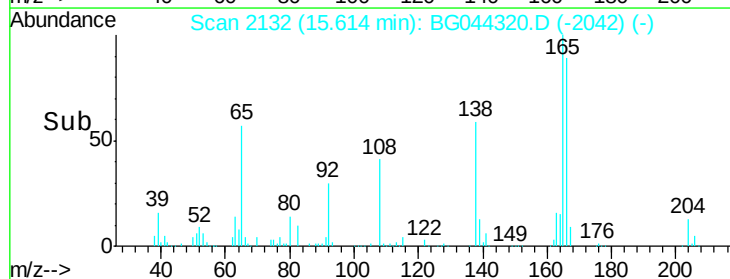
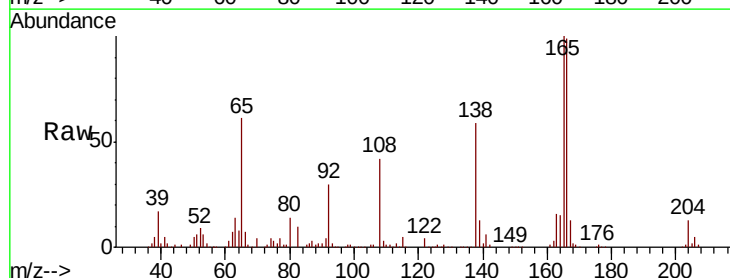
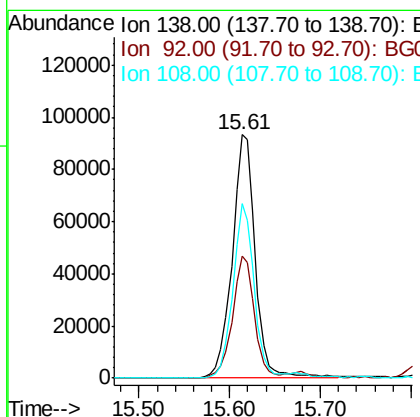
Manual Integrations
APPROVED

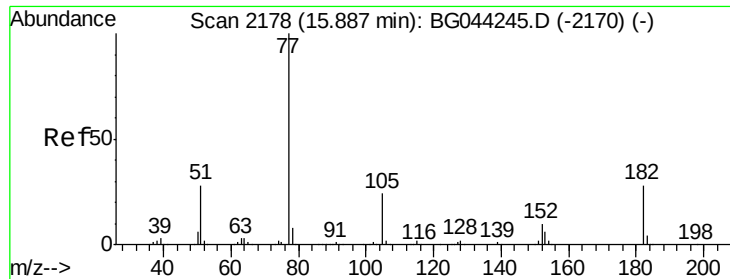
mohammad
2/10/2020 8:16:48 AM



#62
4-Nitroaniline
Concen: 31.695 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.3	71.3
108	71.5	52.6	92.6





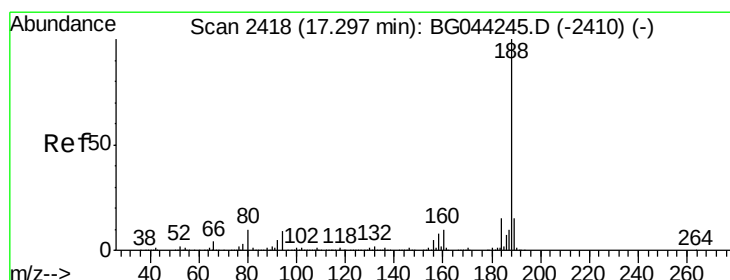
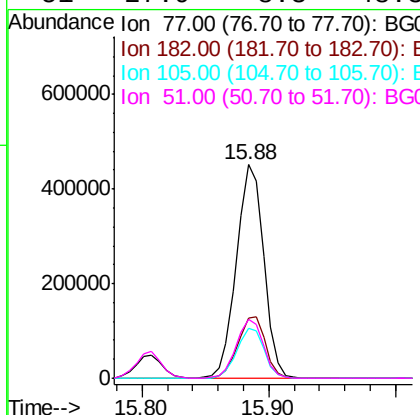
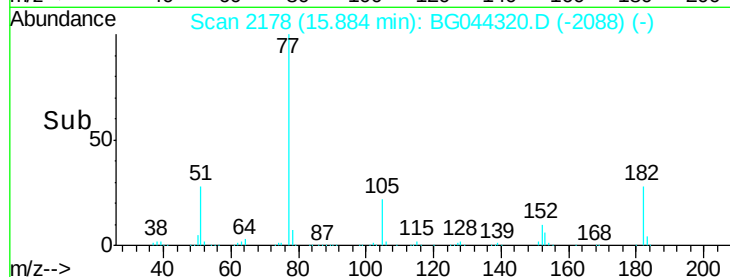
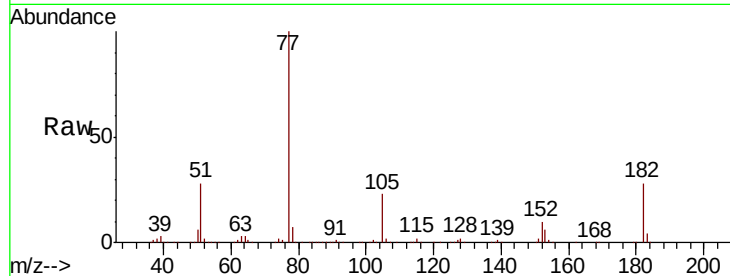
#63
Azobenzene
Concen: 36.126 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		670886		
182	28.1	8.2	48.2		
105	23.5	3.6	43.6		
51	27.9	8.3	48.3		

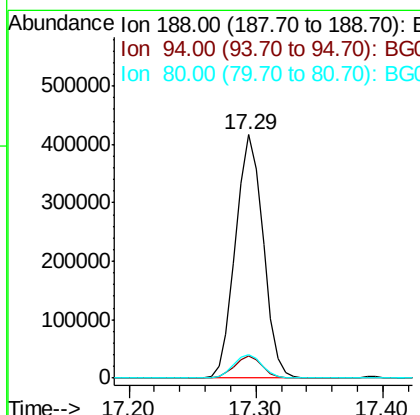
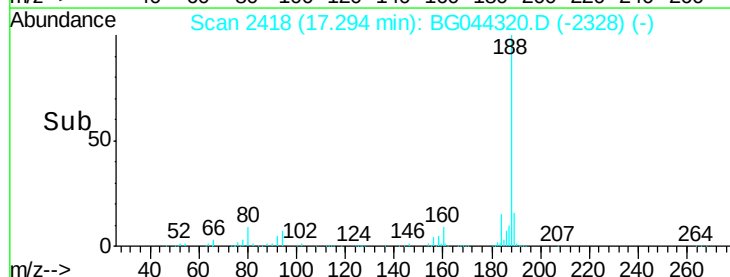
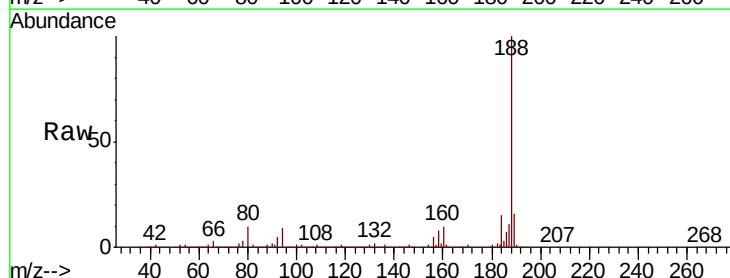
Manual Integrations
APPROVED

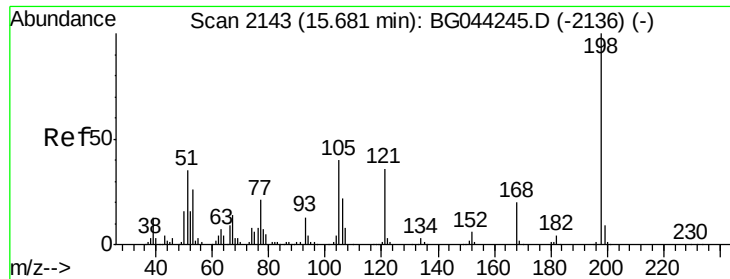
mohammad
2/10/2020 8:16:48 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		629897		
94	9.1	7.4	11.2		
80	9.6	7.7	11.5		





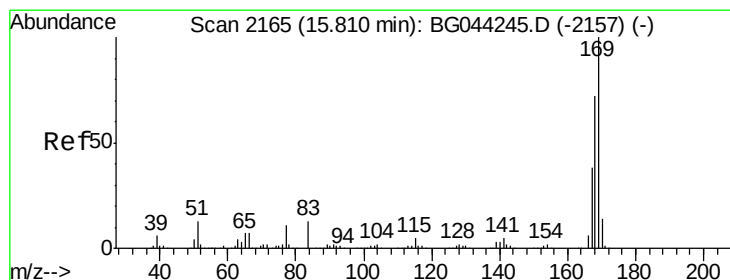
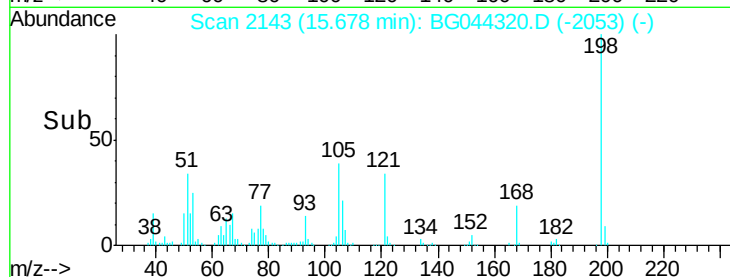
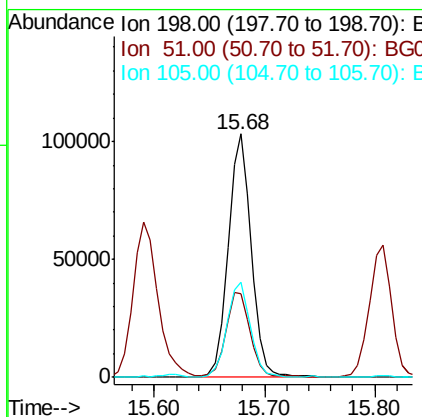
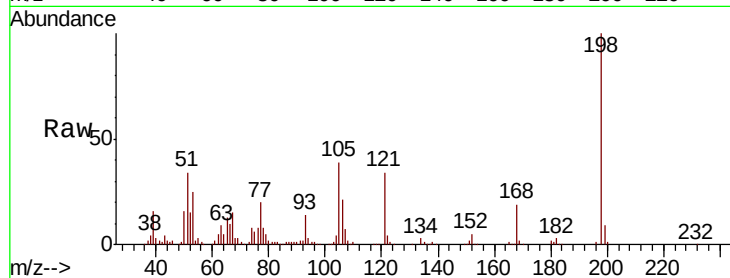
#65
4,6-Dinitro-2-methylphenol
Concen: 43.314 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	150604		
51	34.5	16.6	56.6	
105	38.8	20.6	60.6	

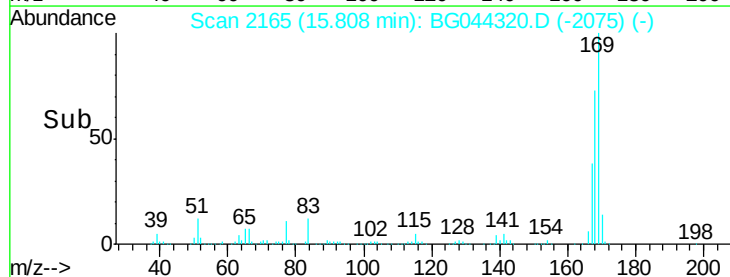
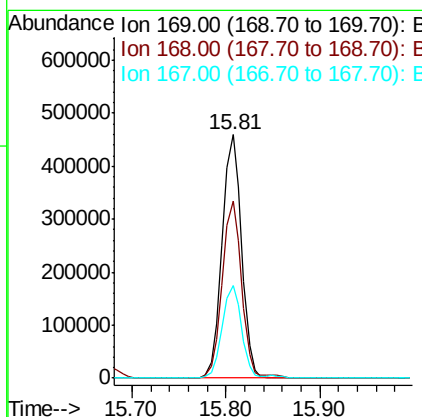
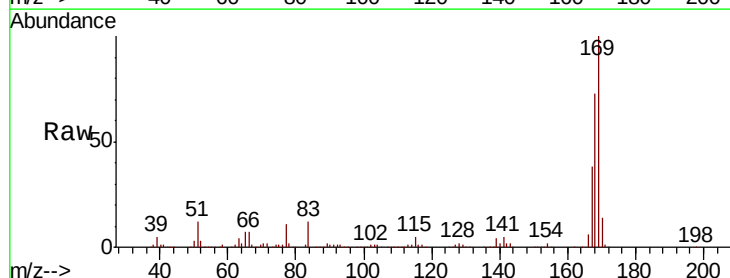
Manual Integrations
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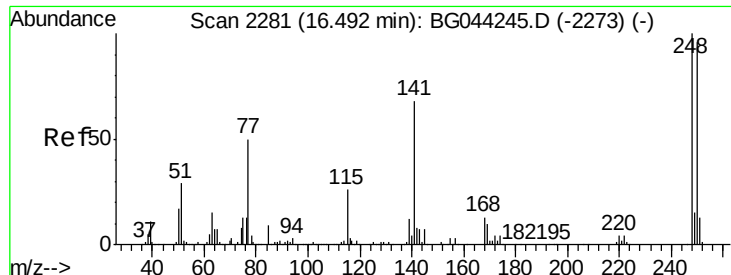
mohammad
2/10/2020 8:16:48 AM



#66
n-Nitrosodiphenylamine
Concen: 37.410 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	660384		
168	72.6	57.9	86.9	
167	38.3	30.7	46.1	





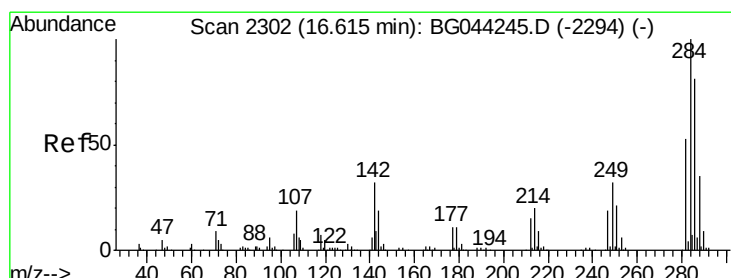
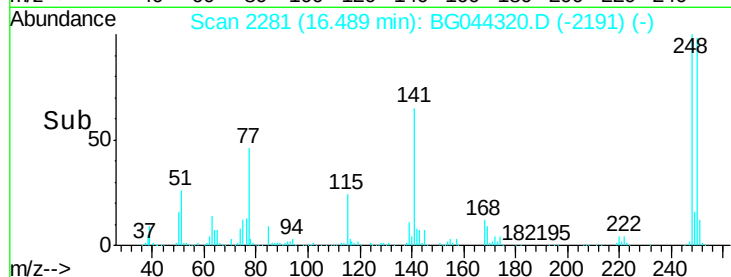
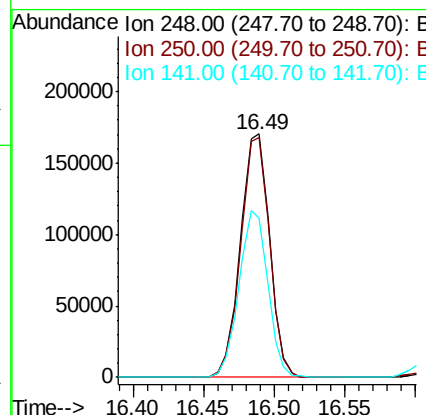
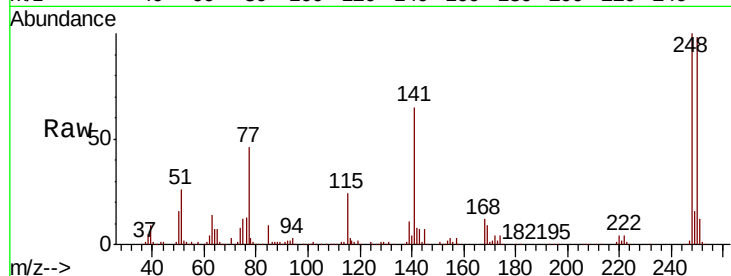
#67
 4-Bromophenyl-phenylether
 Concen: 35.836 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.6	114.8
141	65.3	54.7	82.1

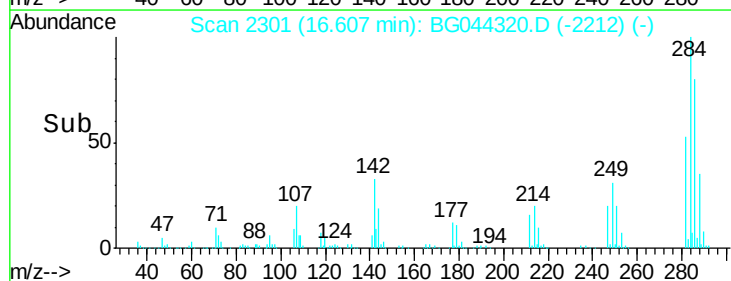
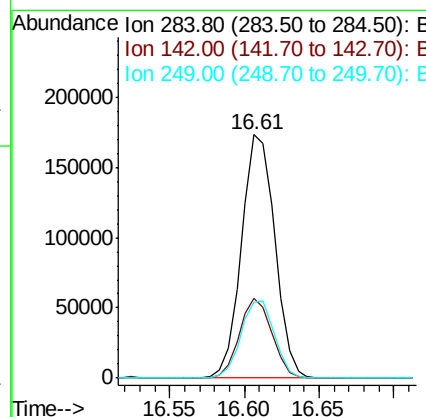
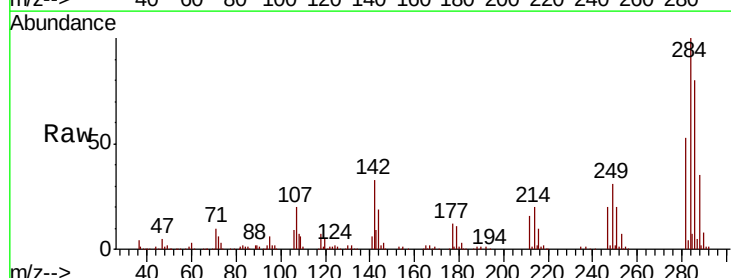
Manual Integrations
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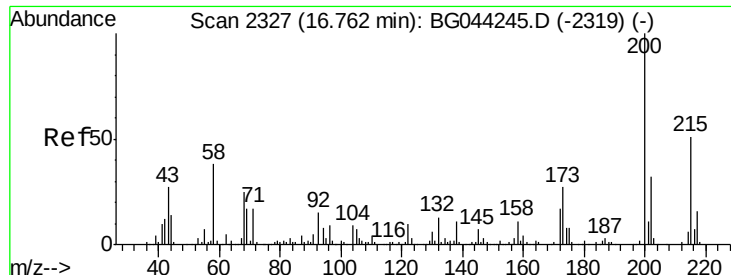
mohammad
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#68
 Hexachlorobenzene
 Concen: 34.902 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.3	37.9
249	31.3	25.5	38.3





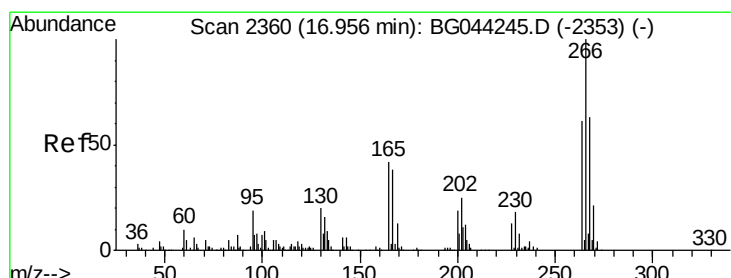
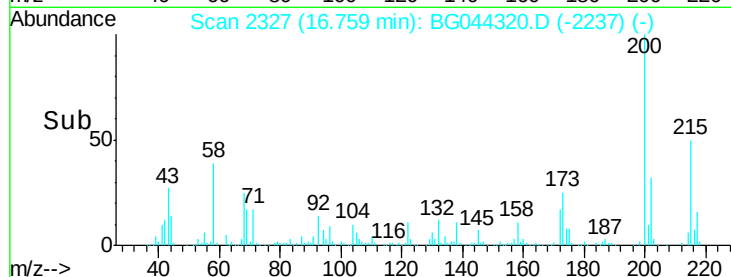
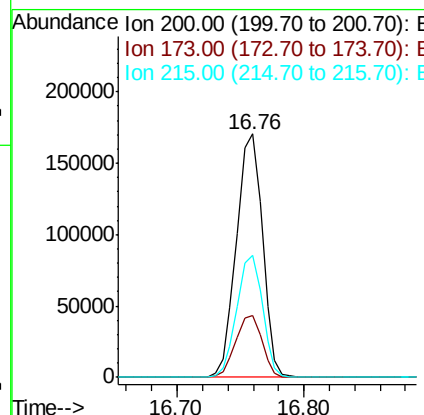
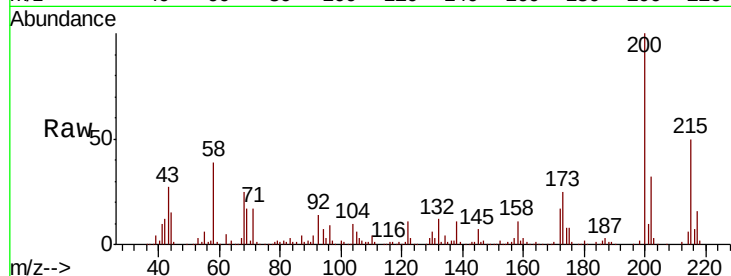
#69
 Atrazine
 Concen: 40.025 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.4	6.6	46.6
215	50.3	31.0	71.0

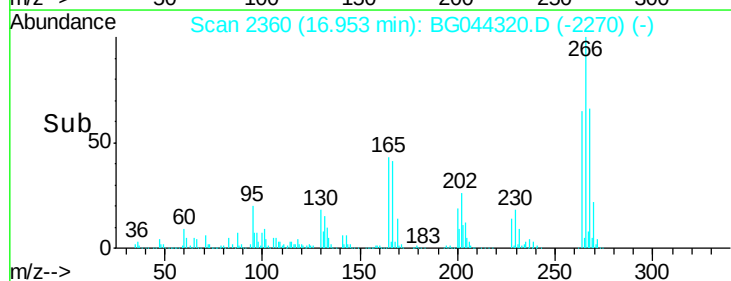
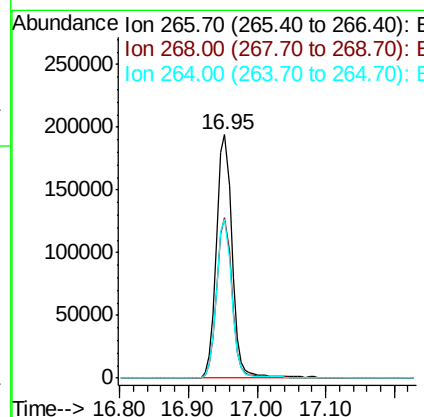
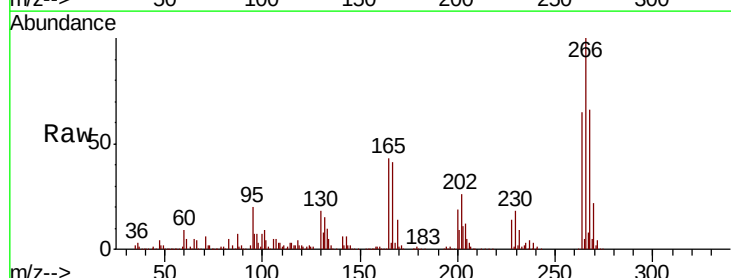
Manual Integrations
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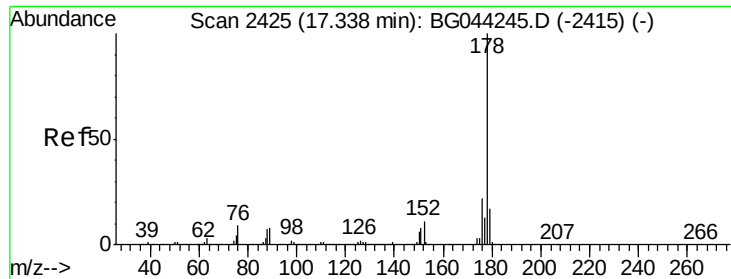
mohammad
 2/10/2020 8:16:48 AM



#70
 Pentachlorophenol
 Concen: 79.584 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.7	50.6	75.8
264	65.3	48.7	73.1





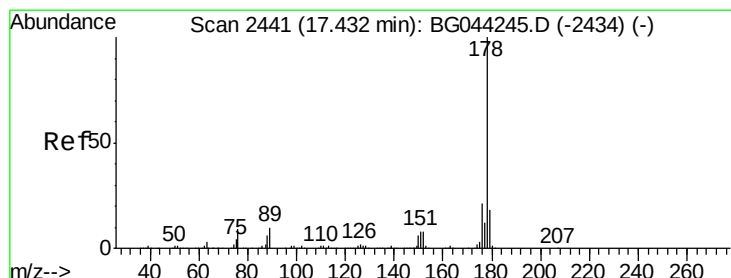
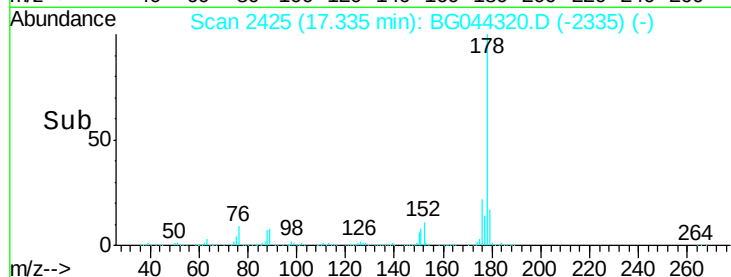
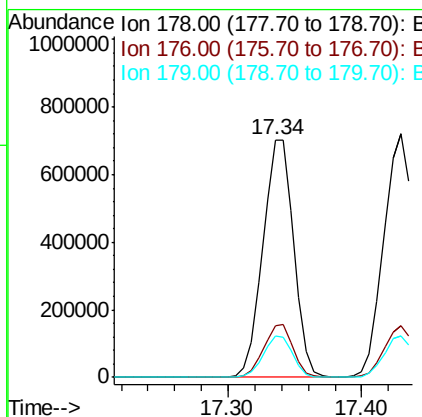
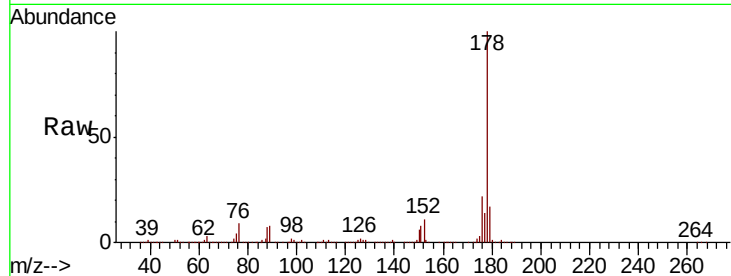
#71
Phenanthrene
Concen: 36.725 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:178 Resp: 1120170
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.4 13.7 20.5

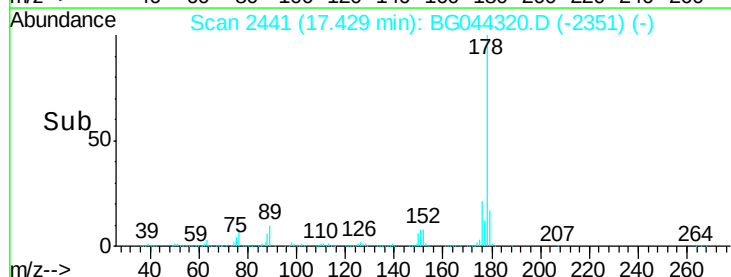
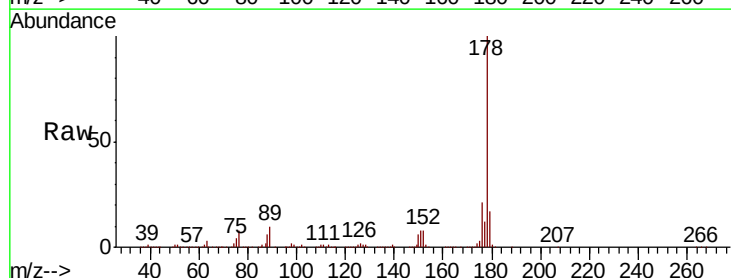
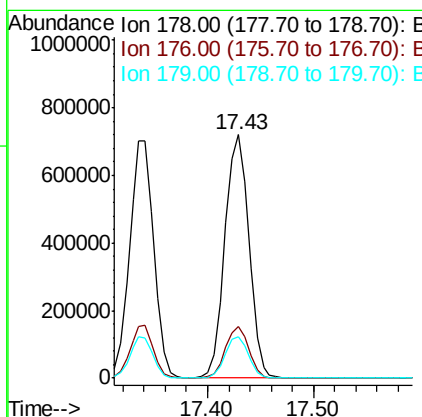
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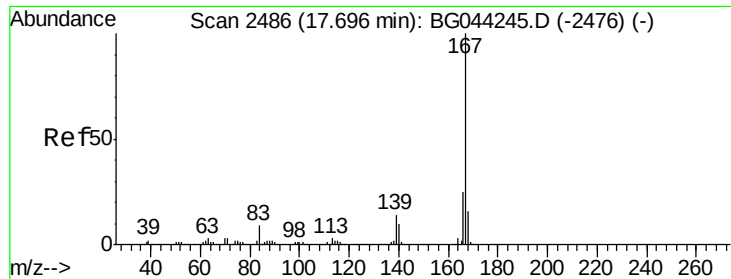
mohammad
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#72
Anthracene
Concen: 37.632 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:178 Resp: 1134825
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.2 14.4 21.6





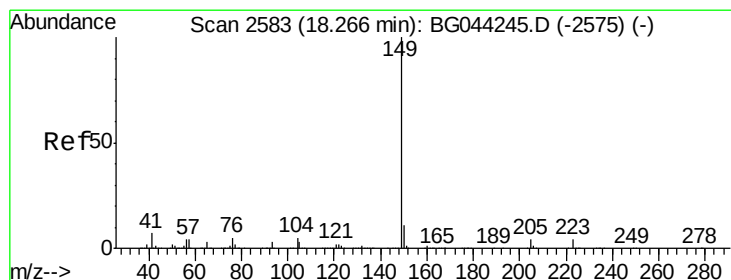
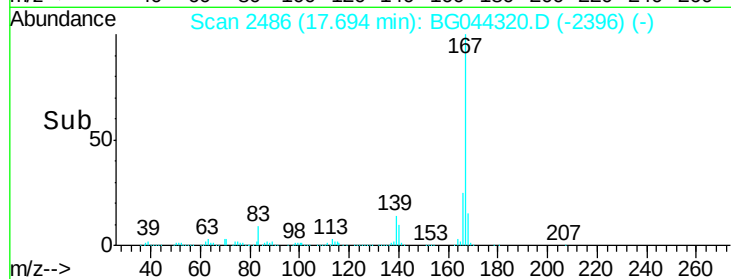
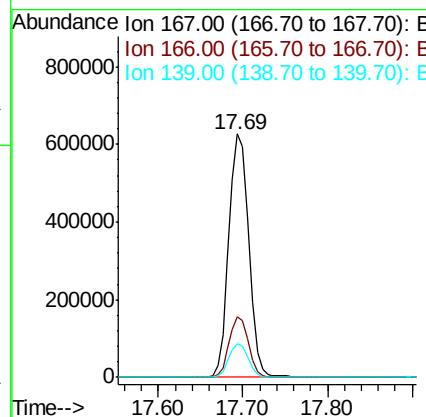
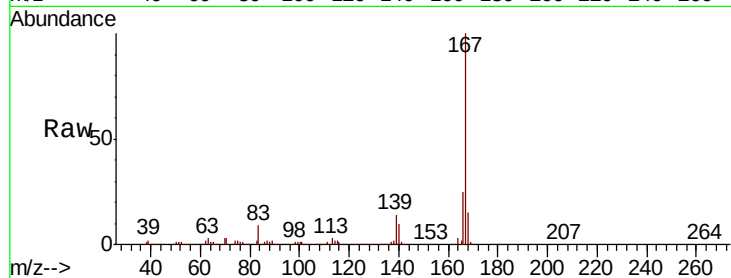
#73
 Carbazole
 Concen: 36.896 ng
 RT: 17.69 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.8	29.6
139	13.8	11.1	16.7

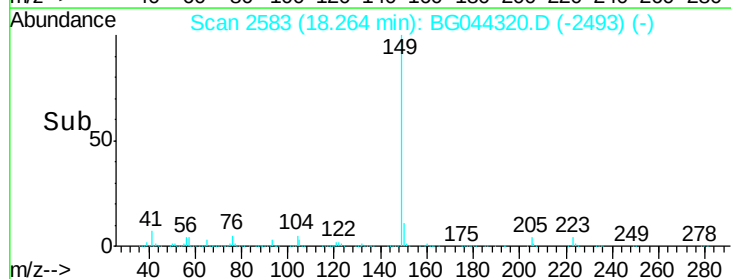
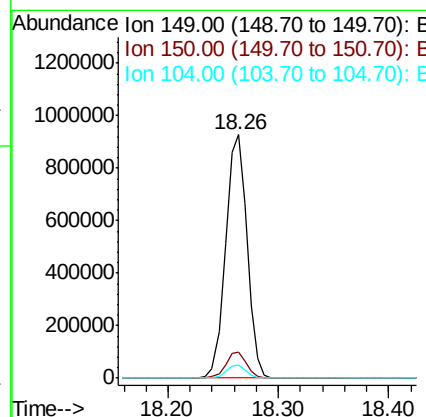
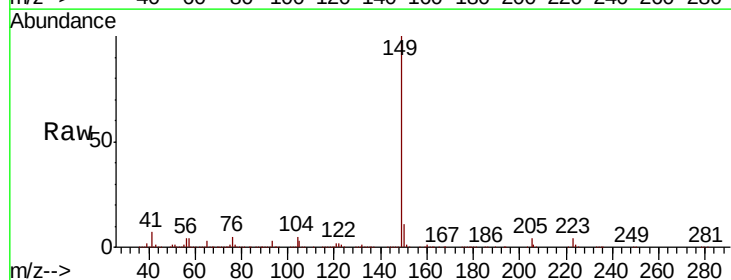
Manual Integrations
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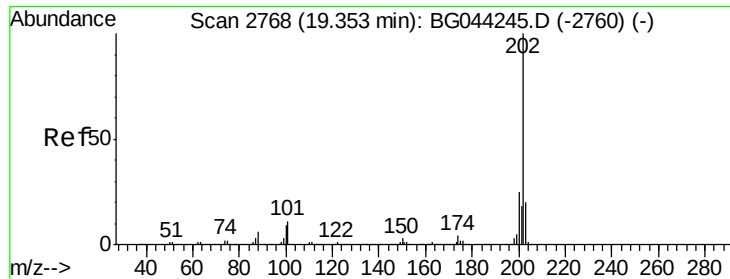
mohammad
 2/10/2020 8:16:48 AM



#74
 Di-n-butylphthalate
 Concen: 36.527 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.7	13.1
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 36.391 ng

RT: 19.34 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

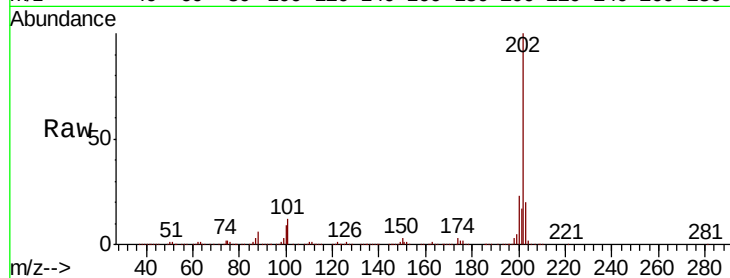
ClientSampleId :

PB126601BSD

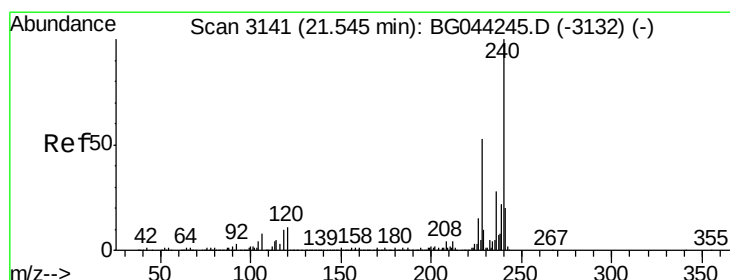
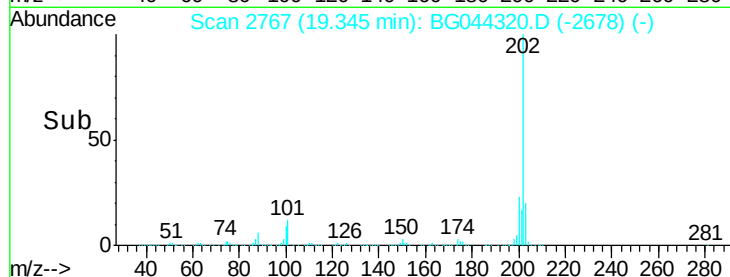
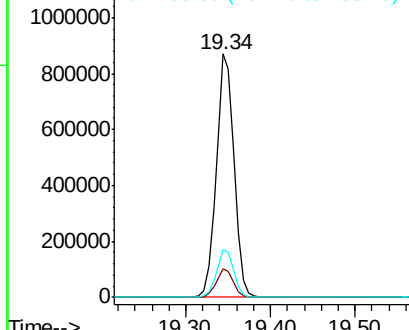
Tot Ion:	202	Resp:	1284069
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.3
203	19.5	0.0	39.9

Manual Integrations
APPROVED

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2/10/2020 8:16:48 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

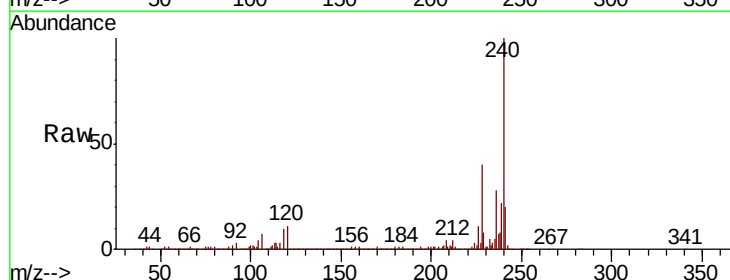
RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

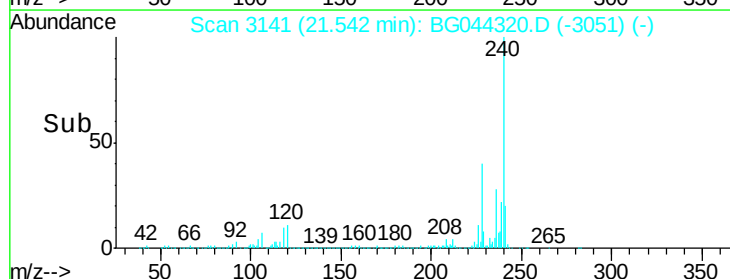
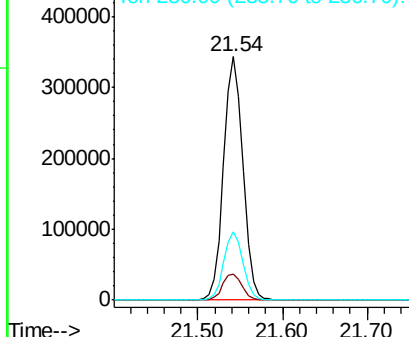
Lab File: BG044320.D

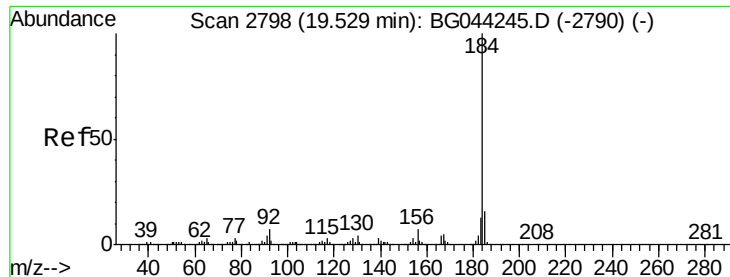
Acq: 6 Feb 2020 13:18

Tgt Ion:	240	Resp:	544111
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	28.1	22.1	33.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.347 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

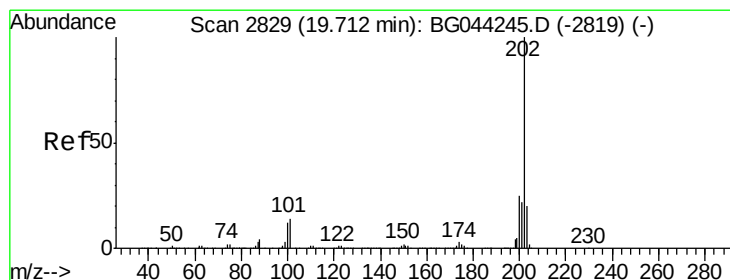
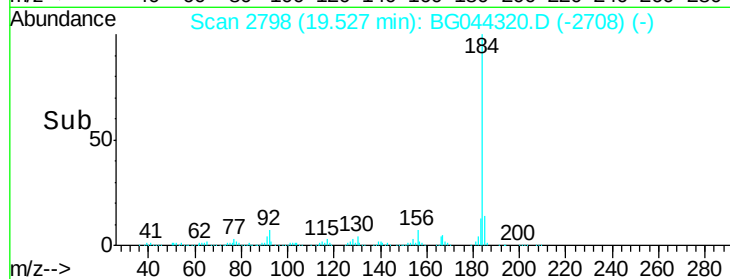
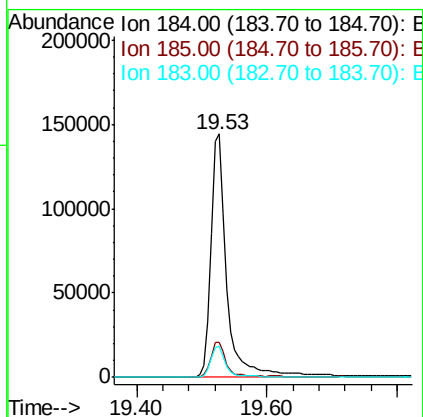
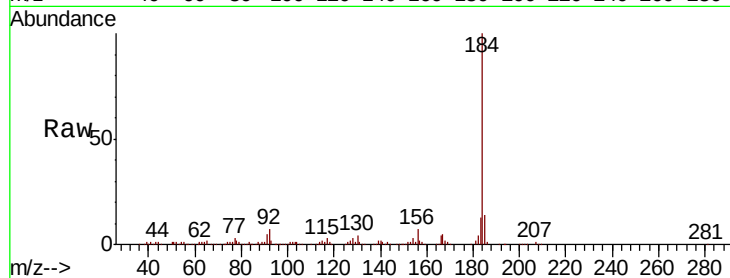
ClientSampleId :

PB126601BSD

Tot Ion:	184	Resp:	246712
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.9	19.3
183	12.7	10.8	16.2

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#78

Pyrene

Concen: 36.892 ng

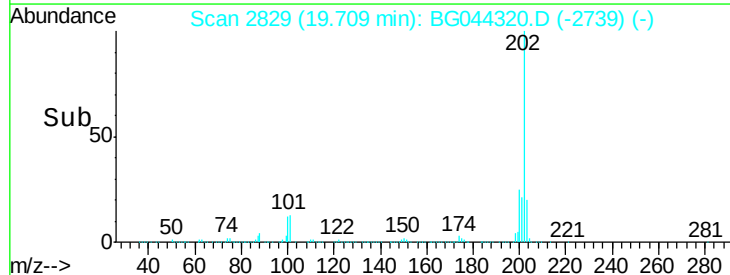
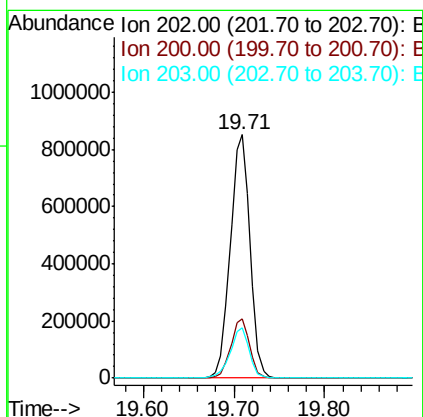
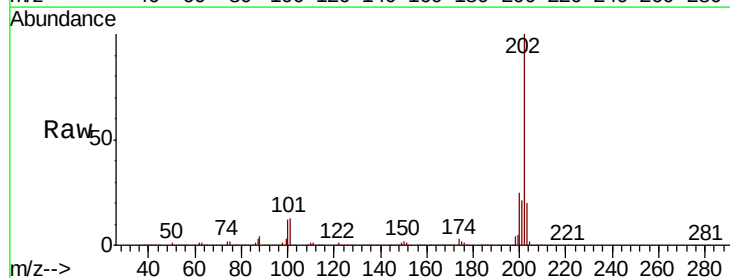
RT: 19.71 min Scan# 2829

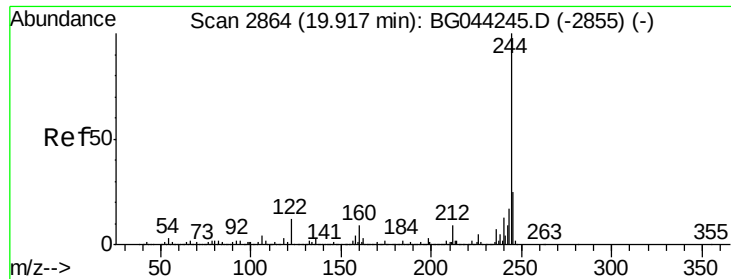
Delta R.T. -0.00 min

Lab File: BG044320.D

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Tgt Ion:	202	Resp:	1289107
Ion Ratio	Lower	Upper	
202	100		
200	24.5	20.0	30.0
203	20.5	16.2	24.2





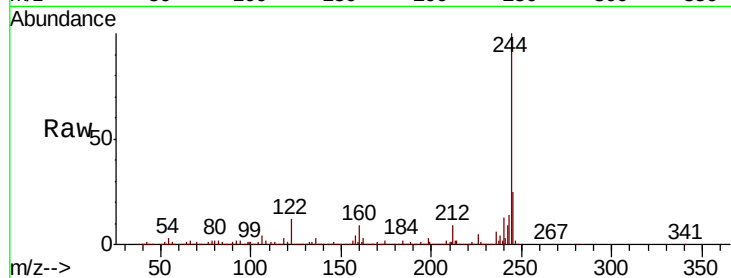
#79
 Terphenyl-d14
 Concen: 64.532 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

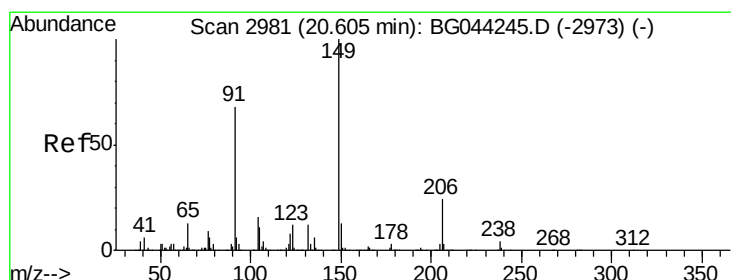
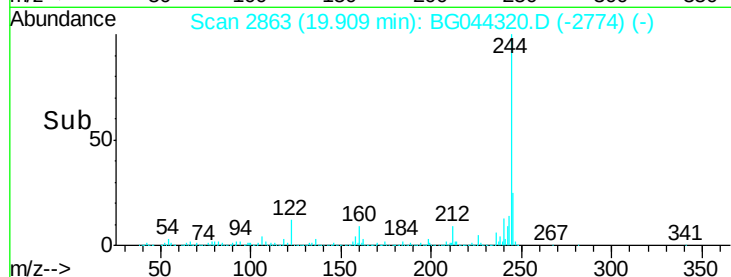
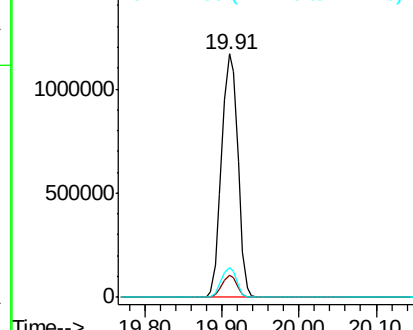
Tot Ion:244 Resp: 1707076
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.4 11.2
 122 12.4 9.8 14.6

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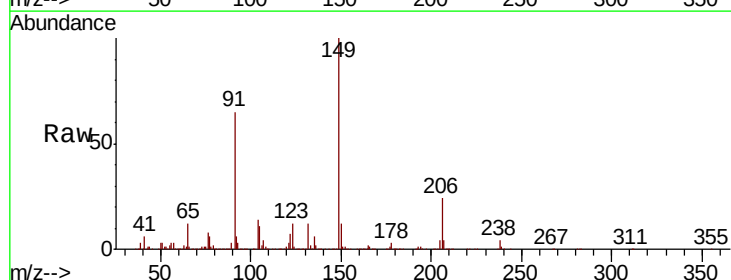


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

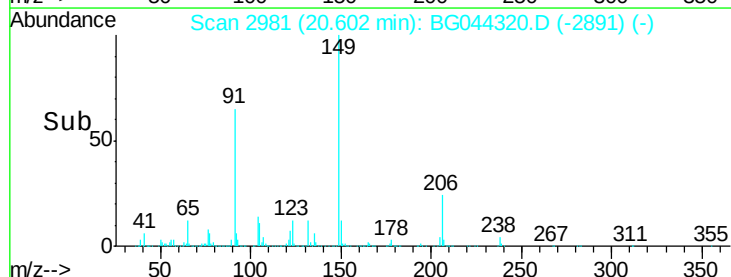
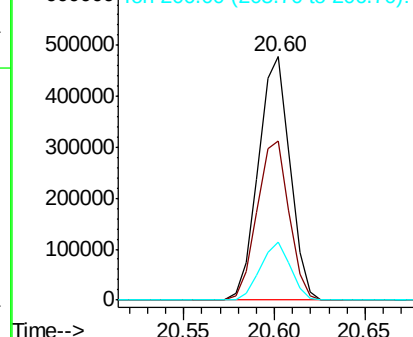


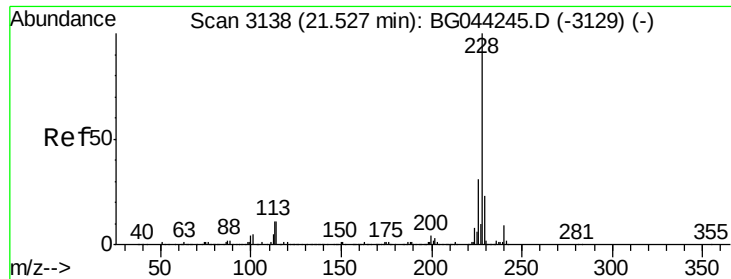
#80
 Butylbenzylphthalate
 Concen: 36.407 ng
 RT: 20.60 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion:149 Resp: 579735
 Ion Ratio Lower Upper
 149 100
 91 65.4 54.5 81.7
 206 23.7 19.1 28.7



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





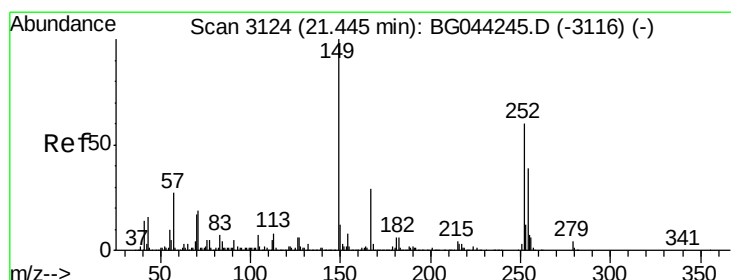
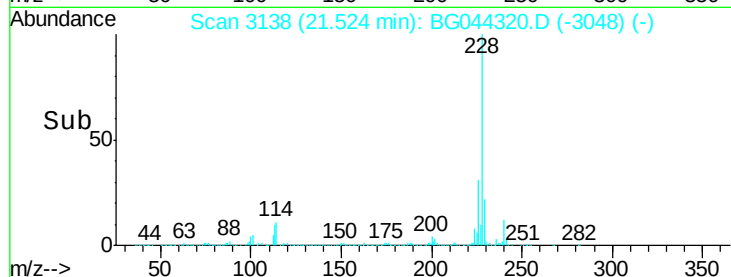
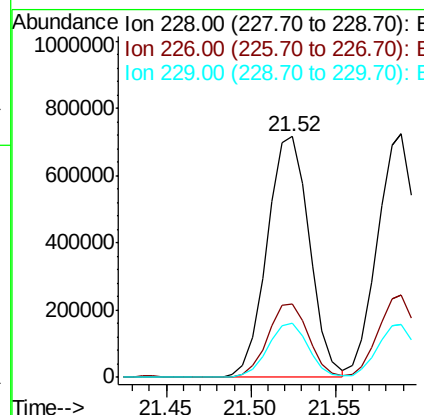
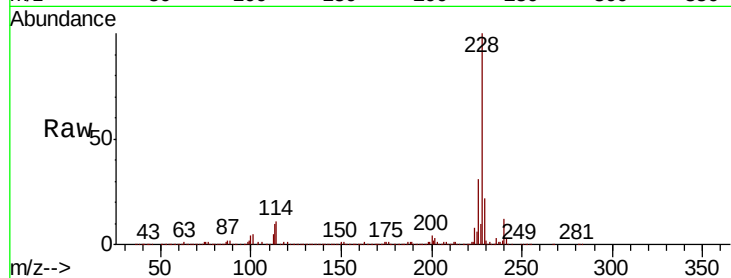
#81
Benzo(a)anthracene
Concen: 36.881 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	22.4	18.2	27.4

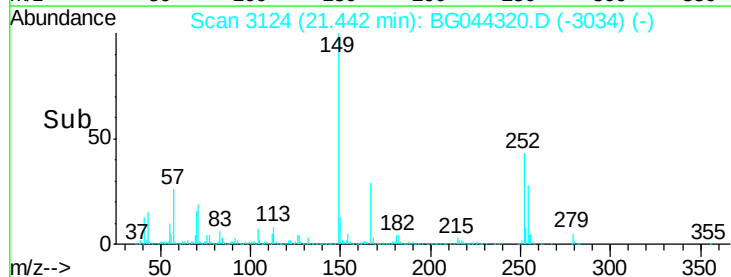
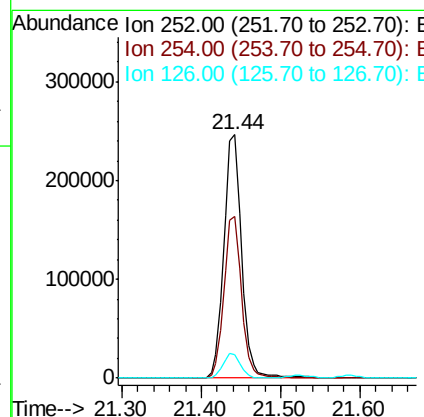
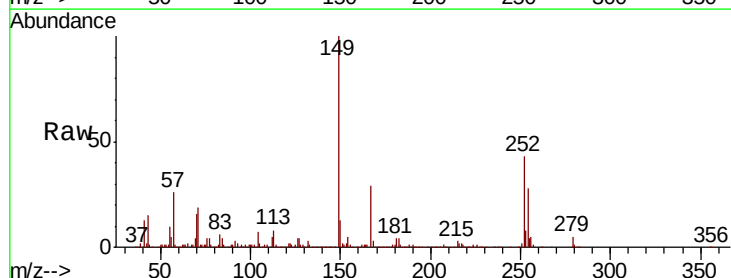
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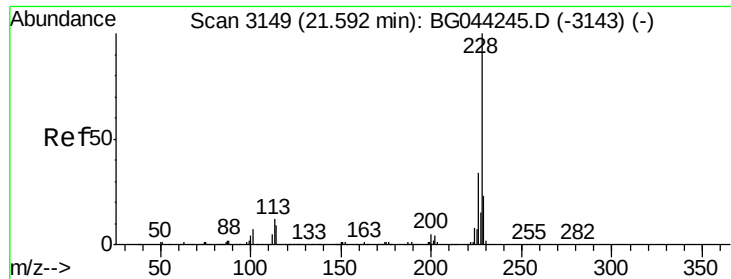
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#82
3,3'-Dichlorobenzidine
Concen: 29.536 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.6	78.8
126	9.6	8.2	12.4





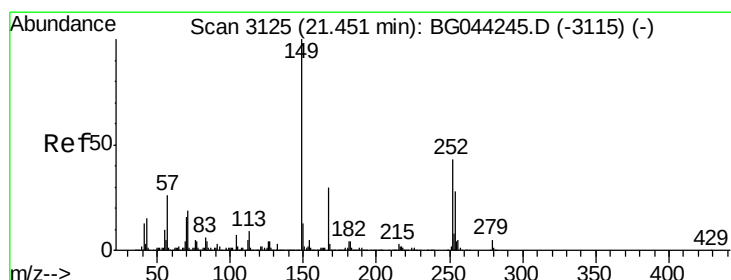
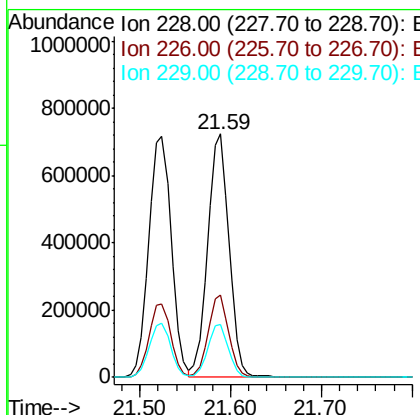
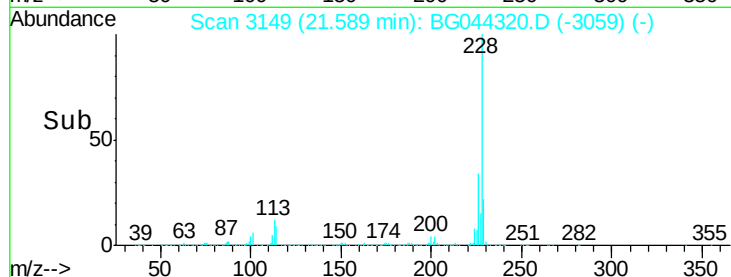
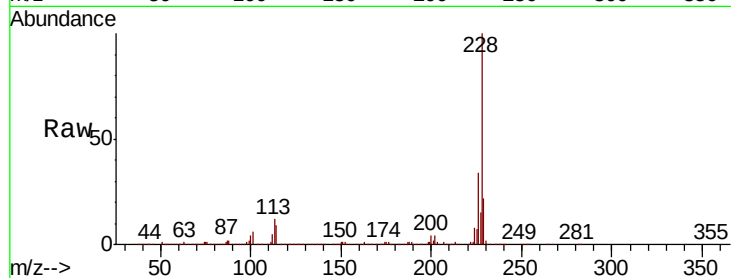
#83
 Chrysene
 Concen: 36.628 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:228 Resp: 1187261
 Ion Ratio Lower Upper
 228 100
 226 33.9 27.1 40.7
 229 22.0 17.9 26.9

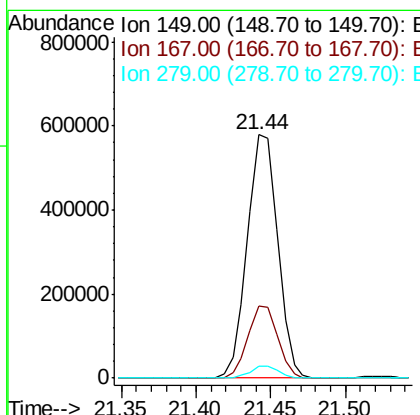
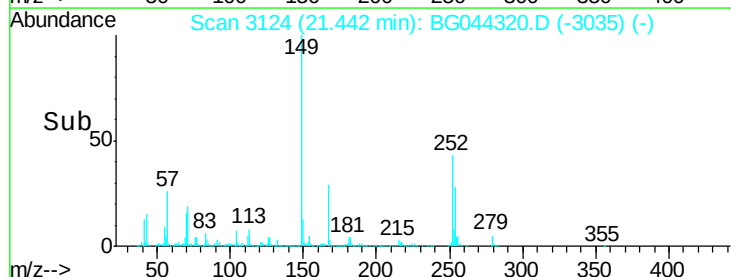
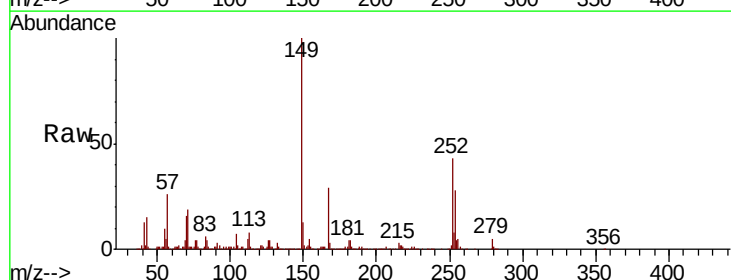
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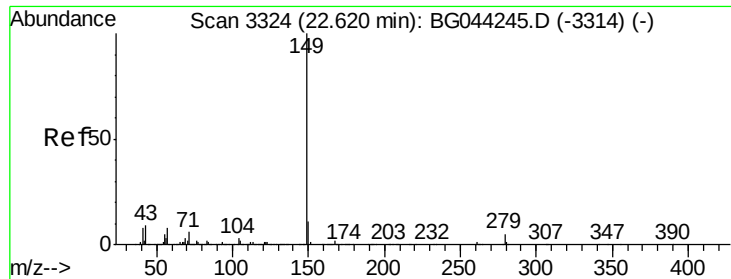
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.189 ng
 RT: 21.44 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion:149 Resp: 815115
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.0 36.0
 279 4.8 3.8 5.8





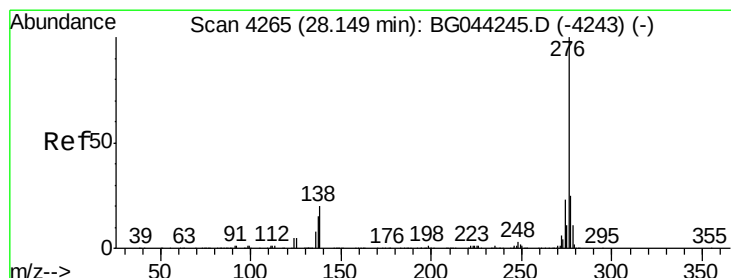
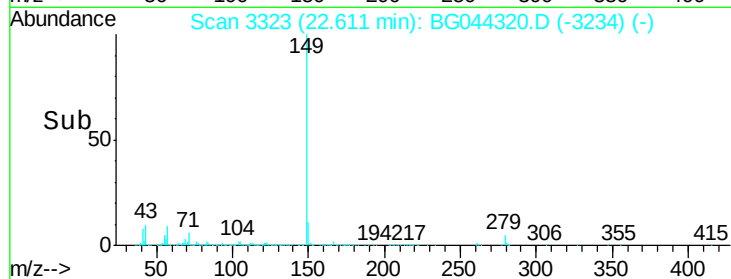
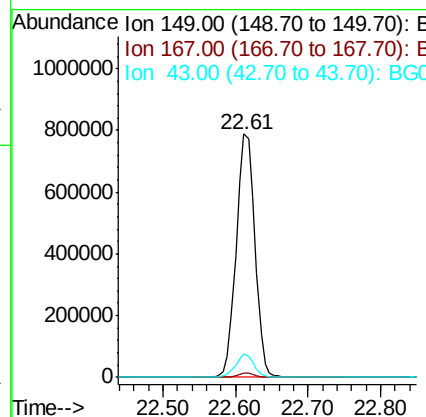
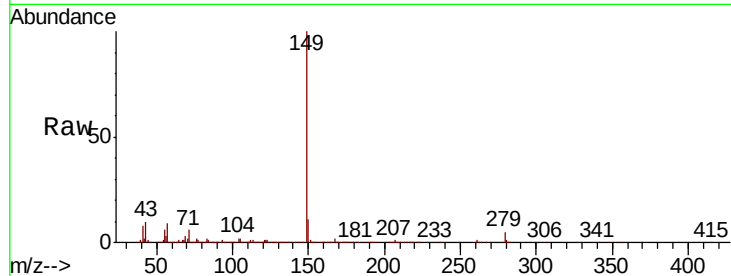
#85
Di-n-octyl phthalate
Concen: 37.369 ng
RT: 22.61 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.4	11.0

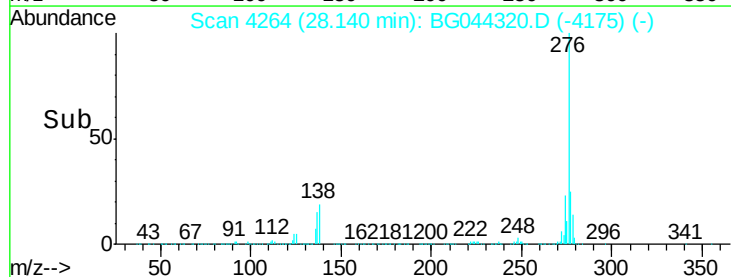
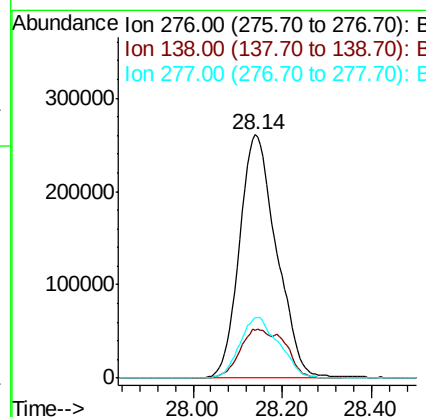
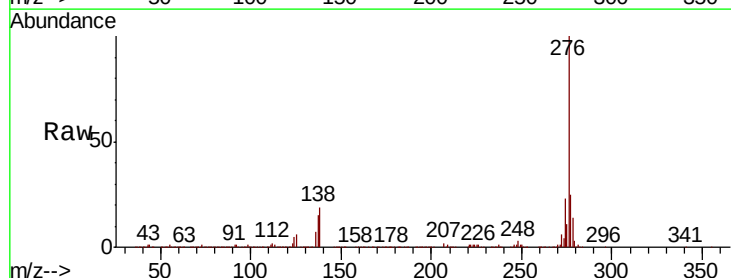
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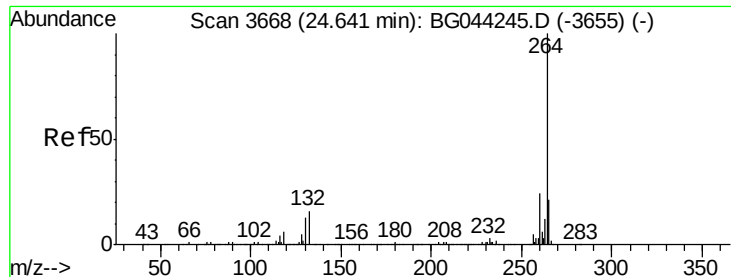
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.473 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	19.4	29.0#
277	26.4	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

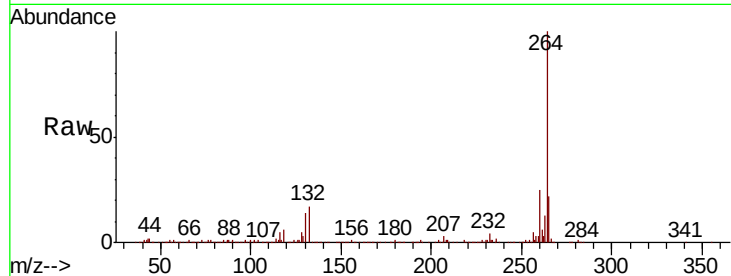
ClientSampleId :

PB126601BSD

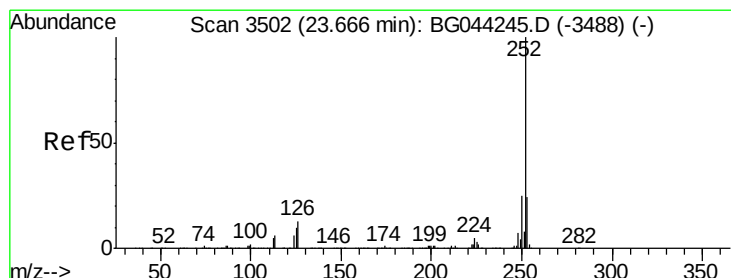
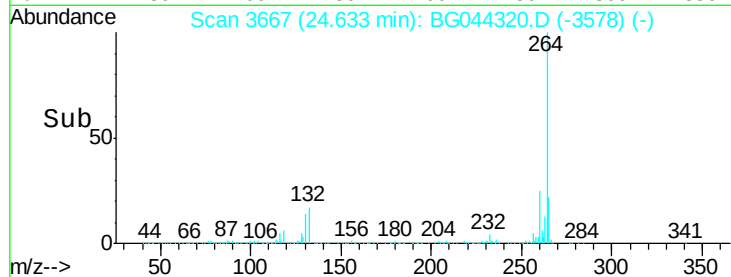
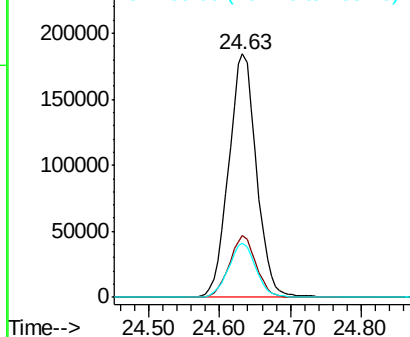
Tot Ion:	264	Resp:	503586
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.4	29.2
265	22.3	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.295 ng

RT: 23.66 min Scan# 3501

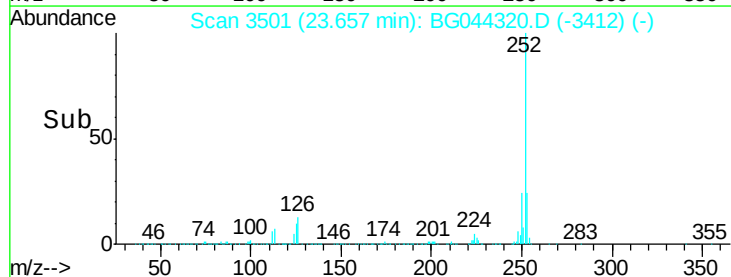
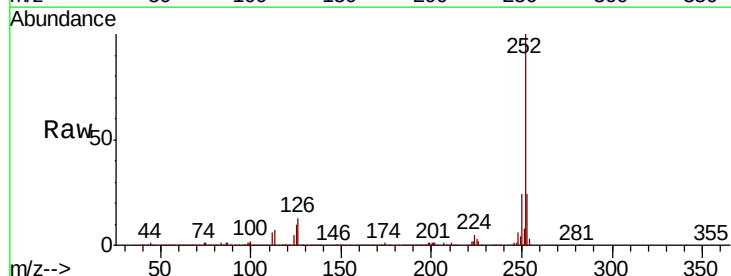
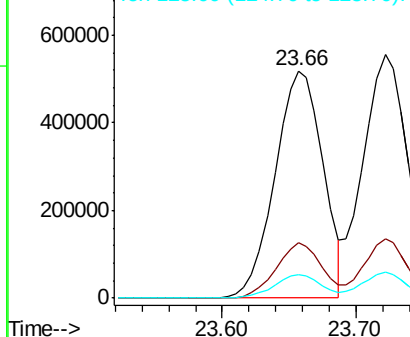
Delta R.T. -0.01 min

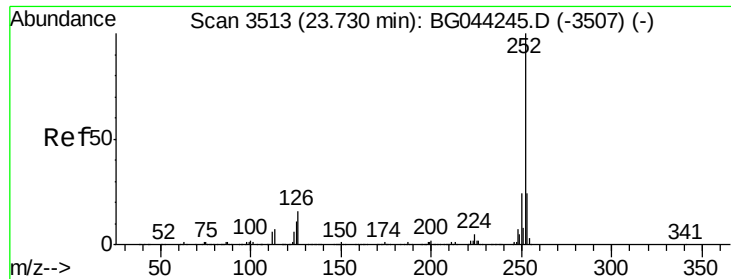
Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:	252	Resp:	1285366
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.2	28.8
125	10.4	8.4	12.6

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





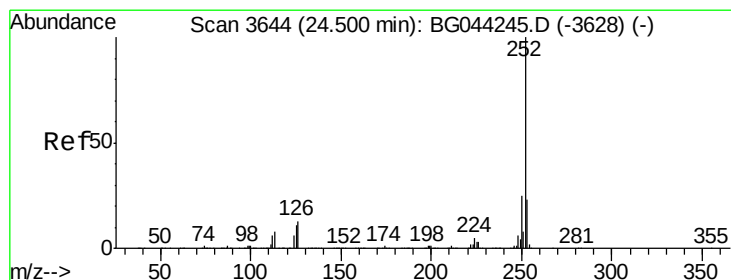
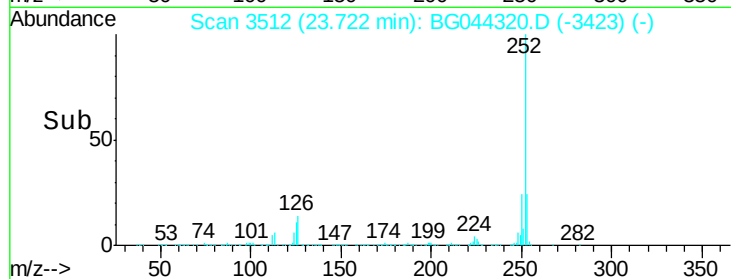
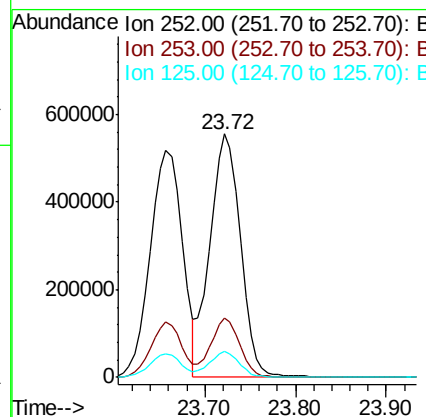
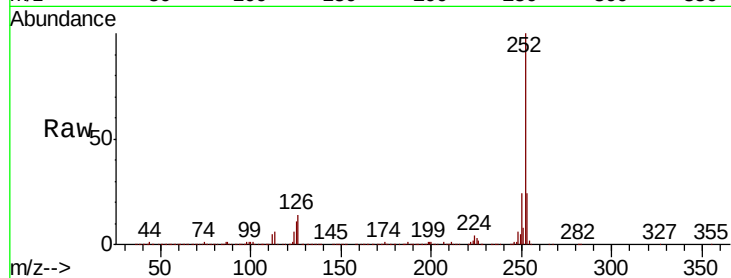
#89
Benzo(k)fluoranthene
Concen: 45.966 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.1	28.7
125	10.9	8.6	12.8

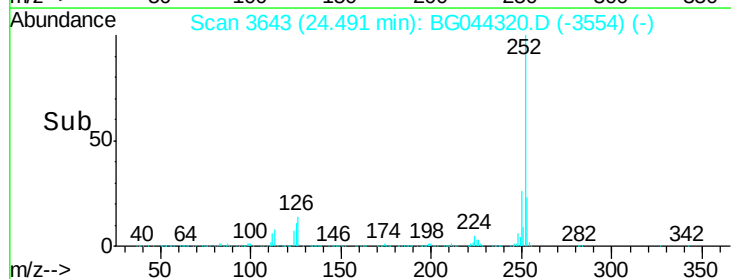
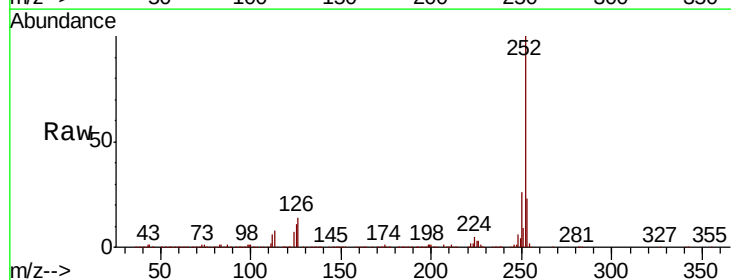
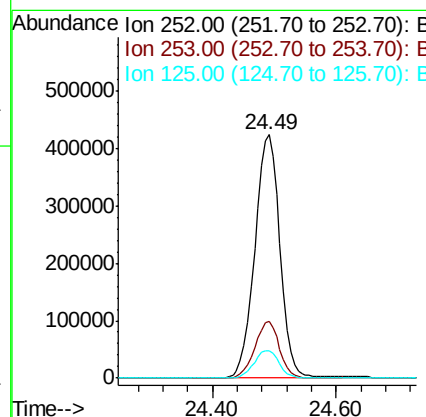
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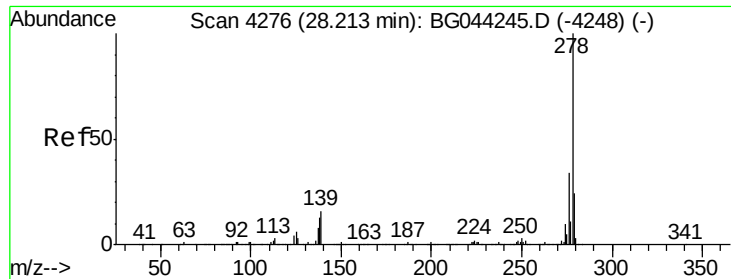
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#90
Benzo(a)pyrene
Concen: 43.557 ng
RT: 24.49 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.2	8.6	13.0





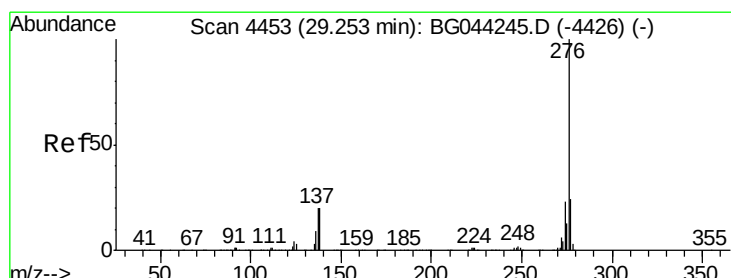
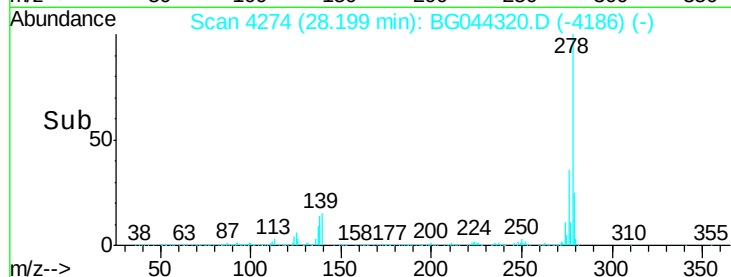
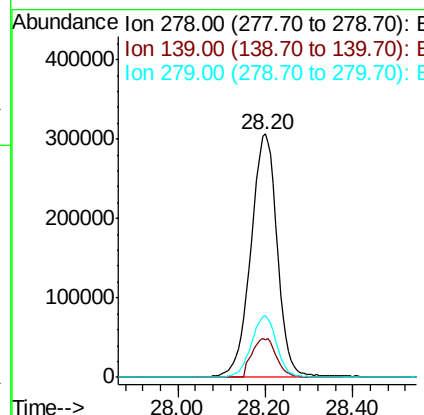
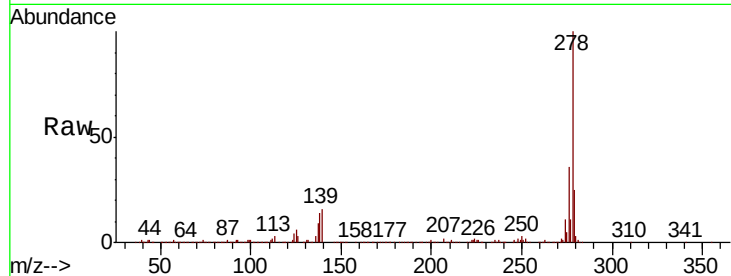
#91
Dibenzo(a,h)anthracene
Concen: 46.057 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	25.2	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 46.784 ng
RT: 29.23 min Scan# 4449
Delta R.T. -0.03 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.5	16.2	24.2

