

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044333.D
 Acq On : 7 Feb 2020 12:13
 Operator : CG/JU
 Sample : PB126601BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Manual Integrations
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mohammad
 2/11/2020 8:25:48 AM

Quant Time: Feb 08 02:44:01 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	93006	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	381637	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	242902	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	512368	20.00	ng	0.00
76) Chrysene-d12	21.55	240	442019	20.00	ng	0.00
87) Perylene-d12	24.64	264	431884	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	677721	128.60	ng	0.00
7) Phenol-d6	7.09	99	886609	125.29	ng	0.00
23) Nitrobenzene-d5	9.07	82	468888	69.36	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	334299	117.23	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1053009	72.59	ng	0.00
79) Terphenyl-d14	19.91	244	1515644	70.53	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.37	88	135160	57.084	ng	100
3) Pyridine	3.77	79	212448	33.678	ng	99
4) n-Nitrosodimethylamine	3.69	42	107653	40.839	ng	99
6) Aniline	7.24	93	290629	33.086	ng	99
8) 2-Chlorophenol	7.48	128	271939	46.952	ng	100
9) Benzaldehyde	7.05	77	109818	27.247	ng	96
10) Phenol	7.12	94	334671	47.785	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	251951	42.079	ng	98
12) 1,3-Dichlorobenzene	7.81	146	279646	40.439	ng	98
13) 1,4-Dichlorobenzene	7.95	146	284357	41.518	ng	99
14) 1,2-Dichlorobenzene	8.27	146	270264	41.748	ng	99
15) Benzyl Alcohol	8.15	79	223242	44.558	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	324709	40.067	ng	99
17) 2-Methylphenol	8.36	107	235787	47.186	ng	98
18) Hexachloroethane	9.00	117	103294	40.190	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	193207	40.966	ng	96
20) 3+4-Methylphenols	8.69	107	319625	46.413	ng	99
22) Acetophenone	8.73	105	367539	39.588	ng	100
24) Nitrobenzene	9.11	77	278510	42.203	ng	97
25) Isophorone	9.64	82	531747	42.204	ng	100
26) 2-Nitrophenol	9.83	139	155283	45.347	ng	100
27) 2,4-Dimethylphenol	9.89	122	257469	53.265	ng	96
28) bis(2-Chloroethoxy)methane	10.12	93	338837	40.313	ng	99
29) 2,4-Dichlorophenol	10.37	162	267396	45.749	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	270281	40.329	ng	99
31) Naphthalene	10.77	128	786843	42.496	ng	99
32) Benzoic acid	10.05	122	123171	41.435	ng	88
33) 4-Chloroaniline	10.87	127	179957	21.370	ng	100
34) Hexachlorobutadiene	11.06	225	157753	38.253	ng	99
35) Caprolactam	11.64	113	96182m	44.922	ng	
36) 4-Chloro-3-methylphenol	12.01	107	272814	44.519	ng	99
37) 2-Methylnaphthalene	12.38	142	586858	42.688	ng	98
38) 1-Methylnaphthalene	12.59	142	554663	42.795	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	286716	39.460	ng	99

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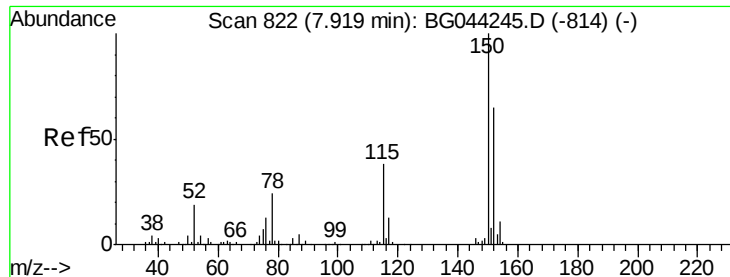
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	310983	89.198	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	208300	44.352	nq	99
44) 2,4,5-Trichlorophenol	13.06	196	222218	46.324	nq	98
46) 1,1'-Biphenyl	13.39	154	730692	41.704	nq	100
47) 2-Chloronaphthalene	13.43	162	570664	40.931	nq	100
48) 2-Nitroaniline	13.63	65	164956	40.090	nq	97
49) Acenaphthylene	14.27	152	894159	43.725	nq	100
50) Dimethylphthalate	14.01	163	723521	41.438	nq	100
51) 2,6-Dinitrotoluene	14.12	165	165533	42.520	nq	99
52) Acenaphthene	14.61	154	556814	42.009	nq	99
53) 3-Nitroaniline	14.45	138	112660	26.157	nq	100
54) 2,4-Dinitrophenol	14.66	184	200334	86.192	nq	98
55) Dibenzofuran	14.95	168	850903	42.400	nq	99
56) 4-Nitrophenol	14.77	139	308998	97.939	nq	97
57) 2,4-Dinitrotoluene	14.91	165	229261	42.016	nq	97
58) Fluorene	15.60	166	668825	42.314	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	194647	44.922	nq	99
60) Diethylphthalate	15.37	149	717491	41.240	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	351573	41.022	nq	98
62) 4-Nitroaniline	15.62	138	163726	38.042	nq	96
63) Azobenzene	15.89	77	639178	41.918	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	142625	50.428	nq	98
66) n-Nitrosodiphenylamine	15.81	169	624098	43.464	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	229731	41.154	nq	98
68) Hexachlorobenzene	16.61	284	250891	40.117	nq	100
69) Atrazine	16.76	200	235129	47.776	nq	99
70) Pentachlorophenol	16.95	266	286792	90.265	nq	97
71) Phenanthrene	17.34	178	1058235	42.652	nq	99
72) Anthracene	17.43	178	1076726	43.895	nq	99
73) Carbazole	17.70	167	987327	43.662	nq	99
74) Di-n-butylphthalate	18.26	149	1208959	43.263	nq	100
75) Fluoranthene	19.35	202	1239000	43.169	nq	99
77) Benzidine	19.53	184	377128	30.759	nq	98
78) Pyrene	19.71	202	1248571	43.985	nq	99
80) Butylbenzylphthalate	20.60	149	555508	42.943	nq	99
81) Benzo(a)anthracene	21.52	228	1180719	43.342	nq	98
82) 3,3'-Dichlorobenzidine	21.44	252	383857	36.306	nq	98
83) Chrysene	21.59	228	1130169	42.920	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	768897	43.183	nq	100
85) Di-n-octyl phthalate	22.62	149	1354084	43.953	nq	99
86) Indeno(1,2,3-cd)pyrene	28.15	276	1427716	41.559	nq	99
88) Benzo(b)fluoranthene	23.67	252	1267212	50.919	nq	99
89) Benzo(k)fluoranthene	23.73	252	1210052	49.888	nq	99
90) Benzo(a)pyrene	24.50	252	1150076	48.877	nq	98
91) Dibenzo(a,h)anthracene	28.21	278	1185612	50.913	nq	98
92) Benzo(g,h,i)perylene	29.25	276	1206986	51.776	nq	98

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



#1

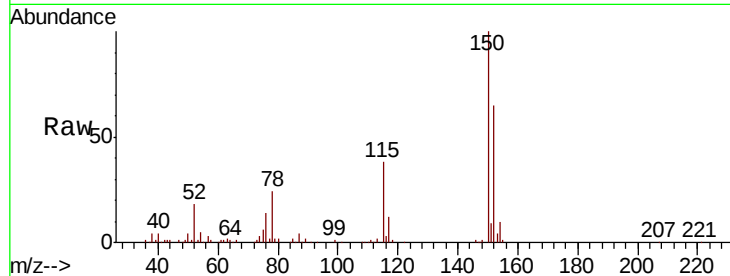
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.6	183.8
115	57.9	46.0	69.0

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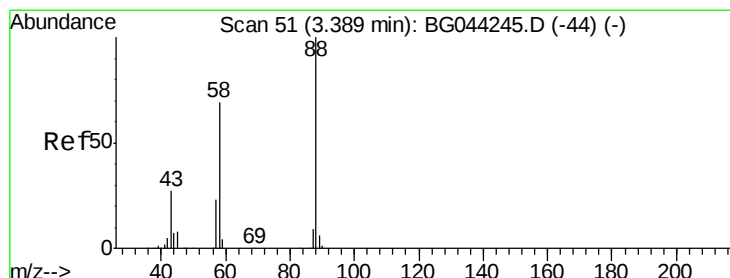
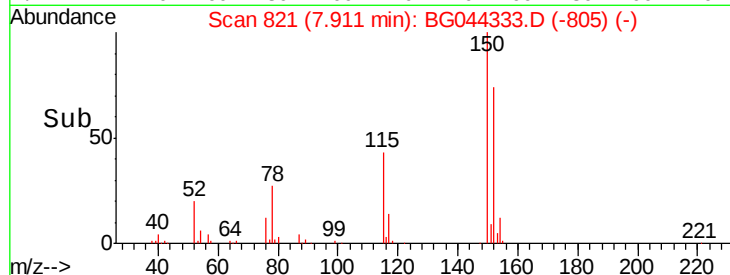
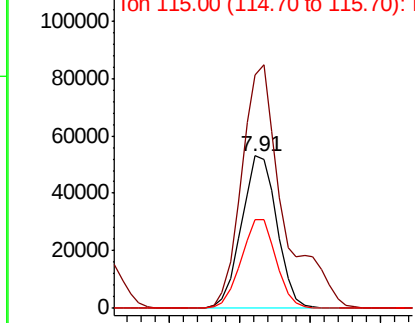


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

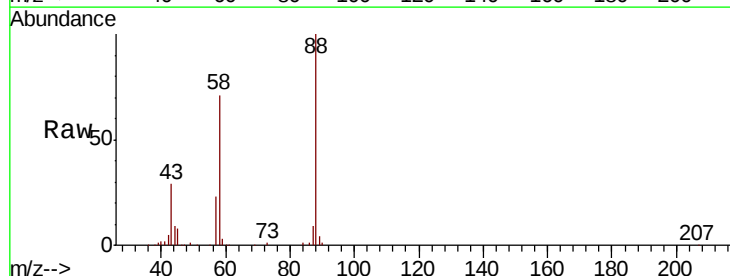
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 57.084 ng
RT: 3.37 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.8	83.6
43	26.5	21.6	32.4

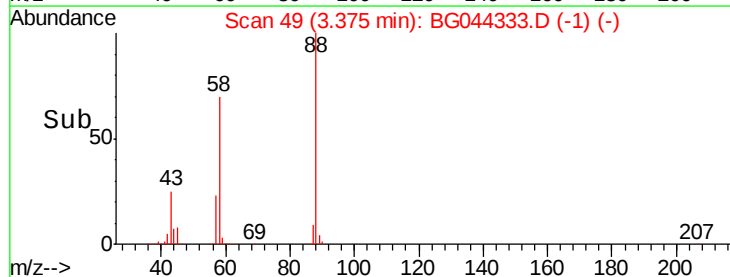
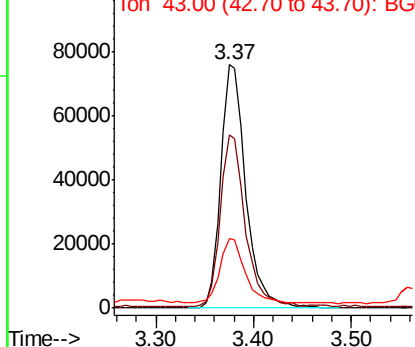


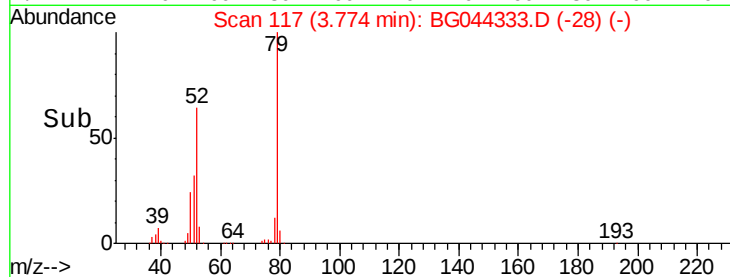
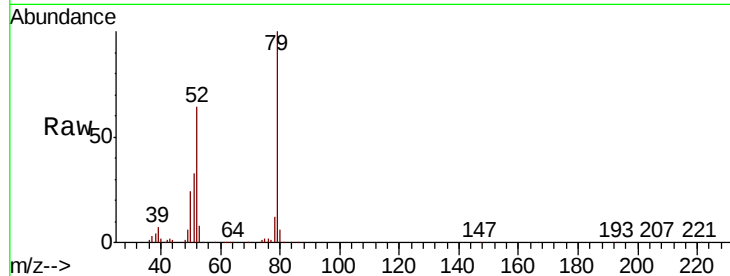
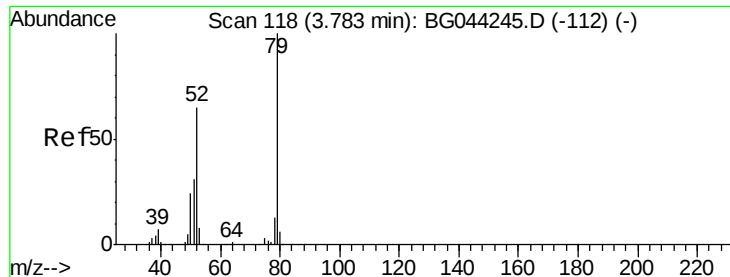
Abundance

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





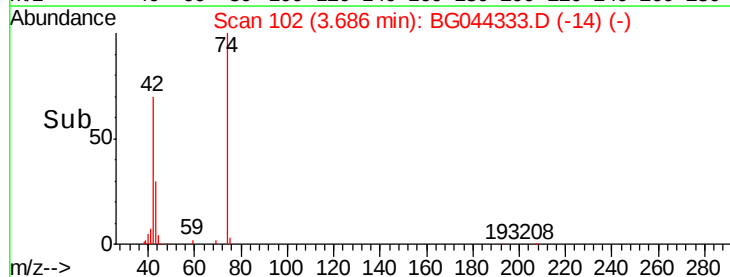
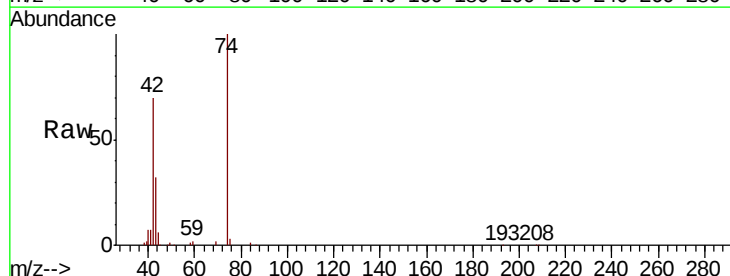
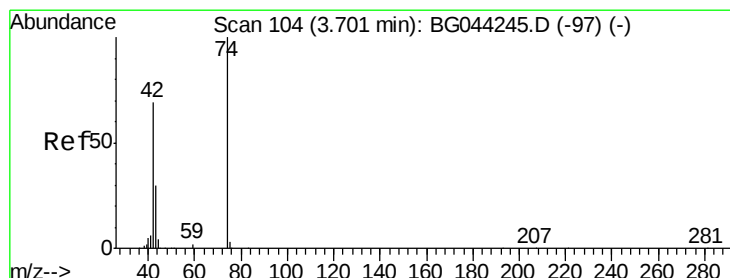
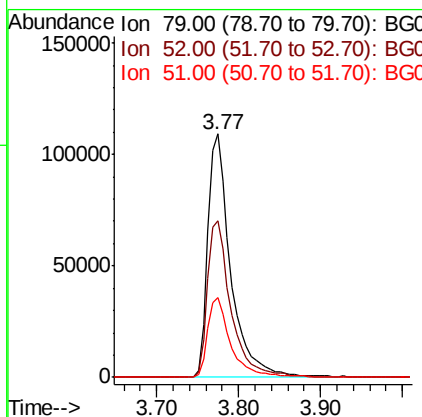
#3
 Pvridine
 Concen: 33.678 ng
 RT: 3.77 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tot Ion	79	Resp	212448
Ion Ratio	Lower	Upper	
79	100		
52	64.5	51.9	77.9
51	32.9	25.3	37.9

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

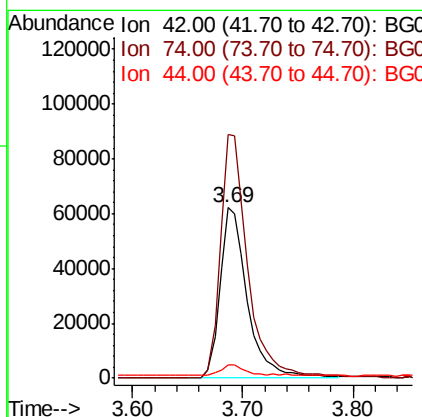
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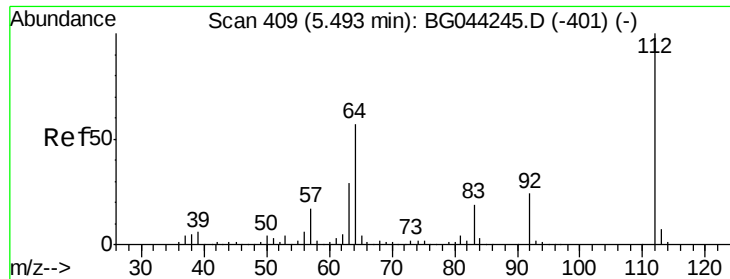
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#4
 n-Nitrosodimethylamine
 Concen: 40.839 ng
 RT: 3.69 min Scan# 102
 Delta R.T. -0.01 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion	42	Resp	107653
Ion Ratio	Lower	Upper	
42	100		
74	142.8	115.1	172.7
44	8.0	5.6	8.4





#5

2-Fluorophenol

Concen: 128.601 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

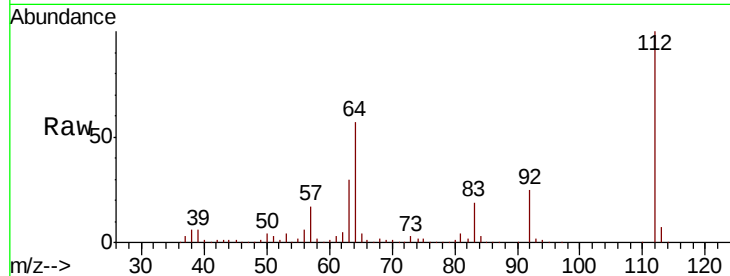
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PB126601BSD

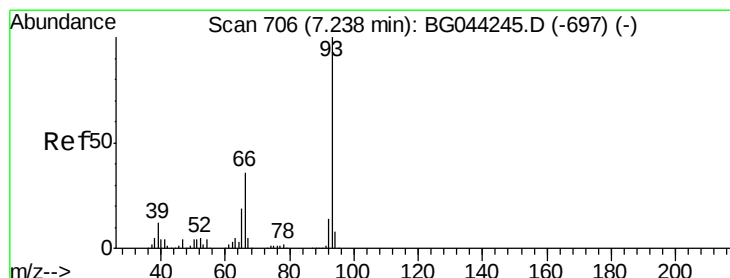
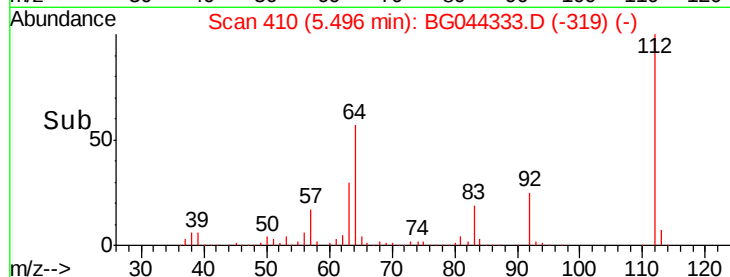
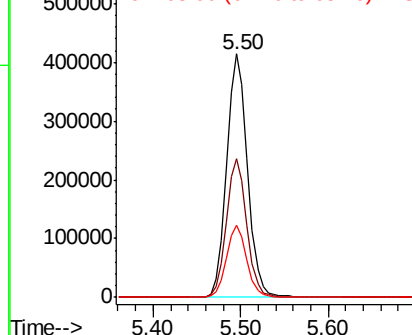
Tot Ion:	112	Resp:	677721
Ion Ratio	Lower	Upper	
112	100		
64	57.0	45.4	68.2
63	29.6	22.9	34.3

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.086 ng

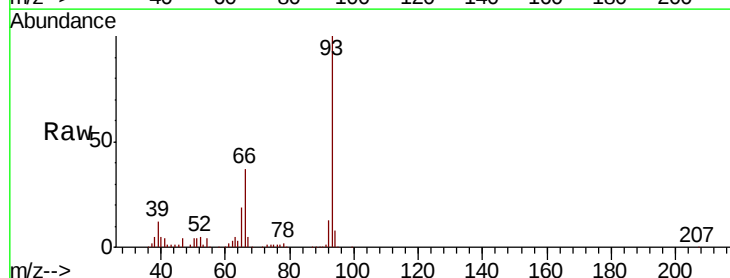
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

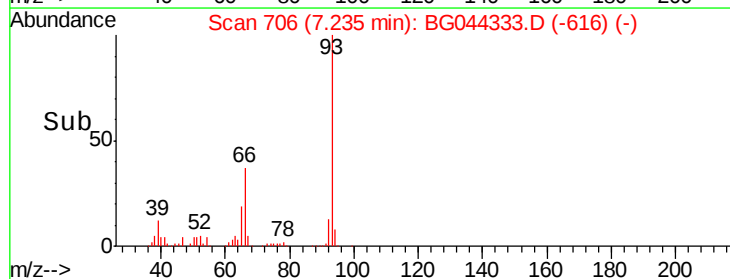
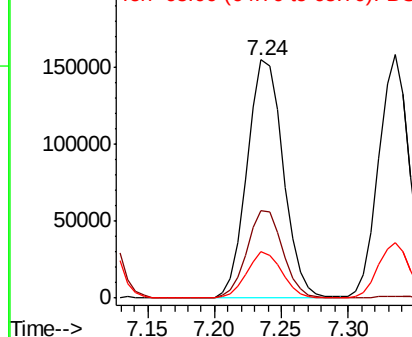
Lab File: BG044333.D

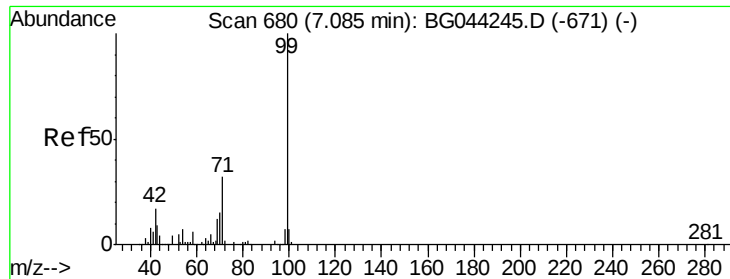
Acq: 7 Feb 2020 12:13

Tgt Ion:	93	Resp:	290629
Ion Ratio	Lower	Upper	
93	100		
66	36.6	28.7	43.1
65	19.4	15.4	23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.285 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

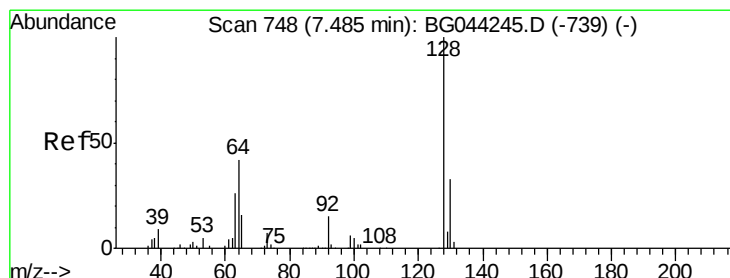
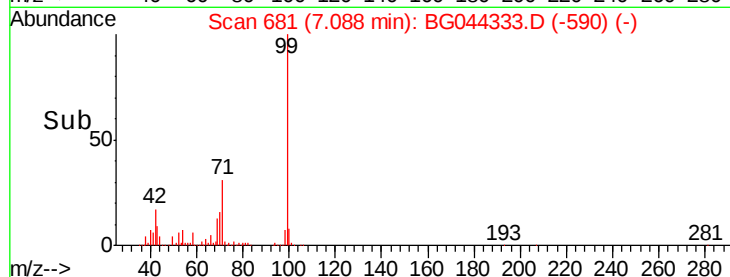
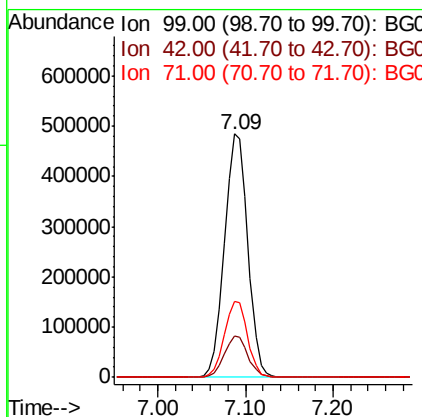
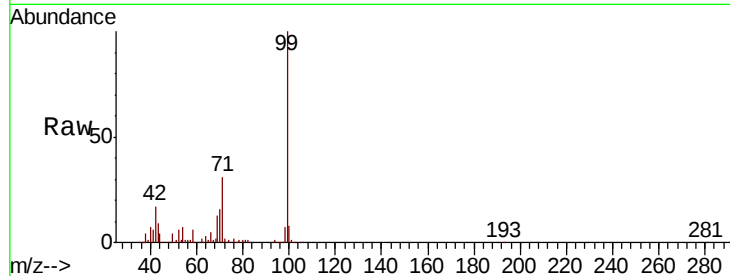
ClientSampleId :

PB126601BSD

Tot Ion:	99	Resp:	886609
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	31.0	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.952 ng

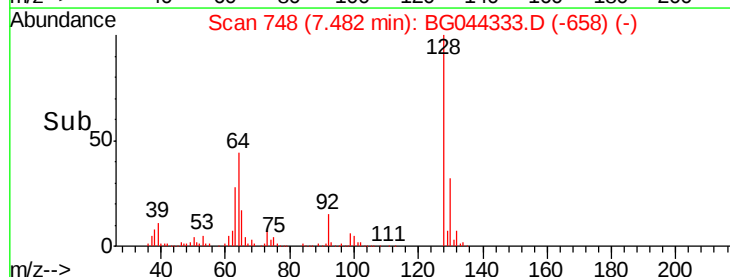
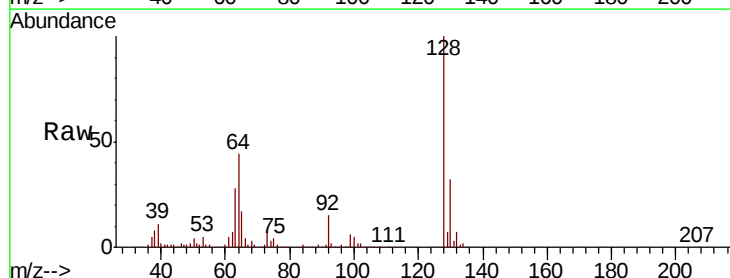
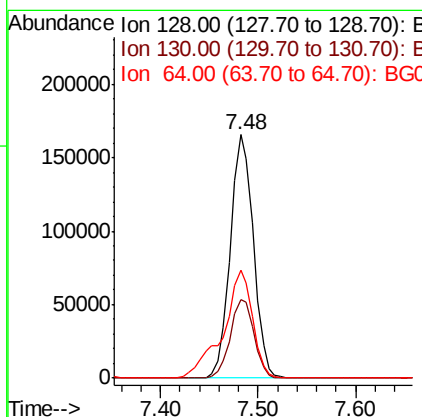
RT: 7.48 min Scan# 748

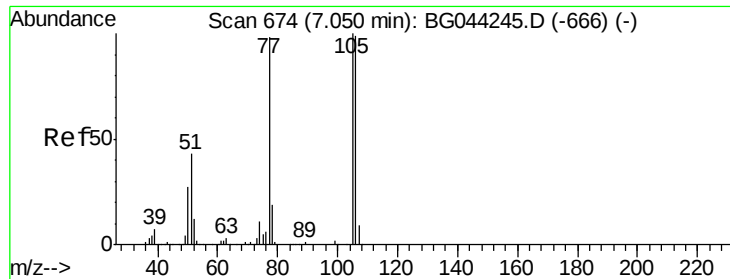
Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Tgt Ion:	128	Resp:	271939
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	44.1	24.2	64.2





#9

Benzaldehyde

Concen: 27.247 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

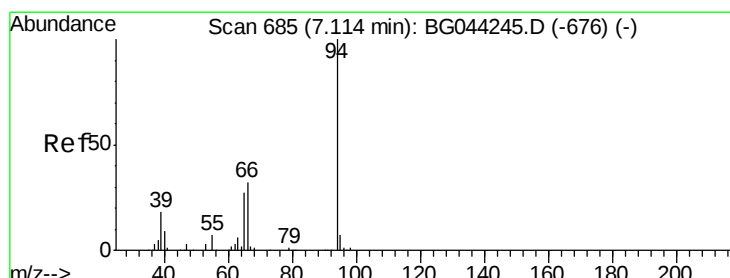
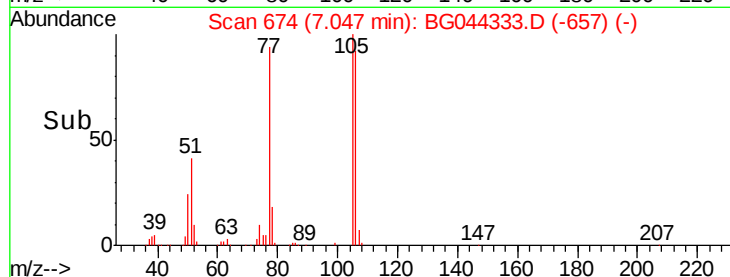
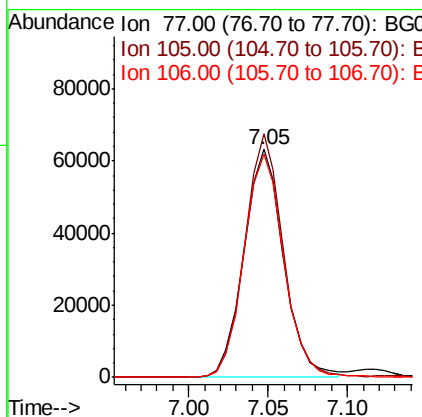
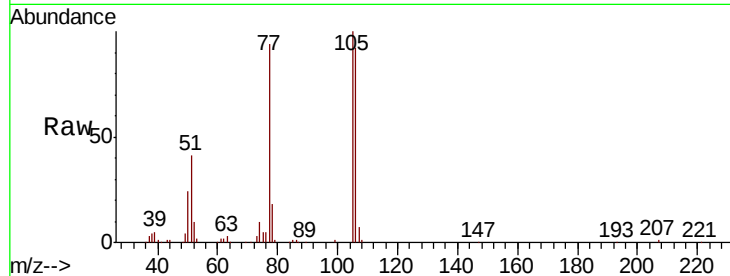
ClientSampleId :

PB126601BSD

Tot Ion:	77	Resp:	109818
Ion	Ratio	Lower	Upper
77	100		
105	106.9	82.0	122.0
106	98.0	80.7	120.7

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#10

Phenol

Concen: 47.785 ng

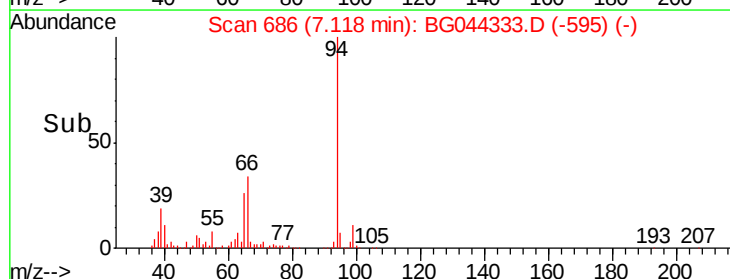
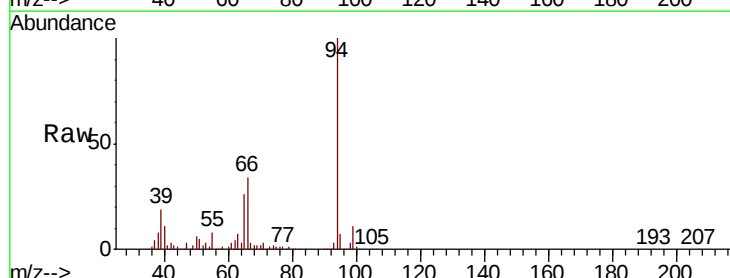
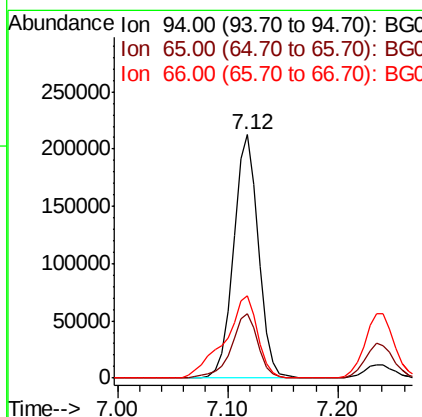
RT: 7.12 min Scan# 686

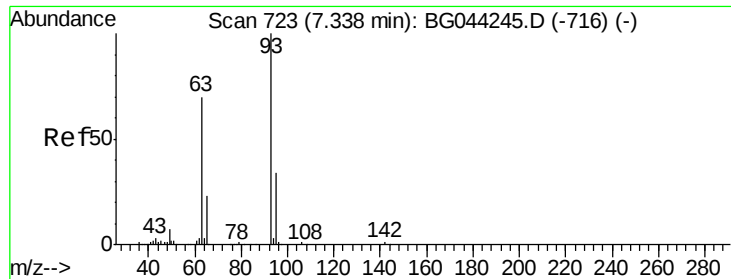
Delta R.T. 0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Tgt Ion:	94	Resp:	334671
Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.0	47.0
66	33.6	12.7	52.7





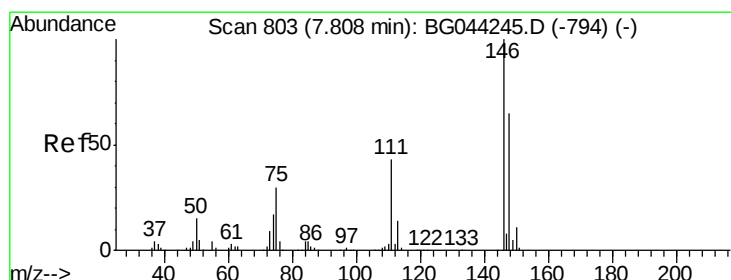
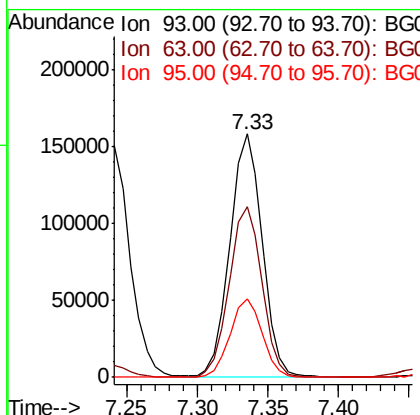
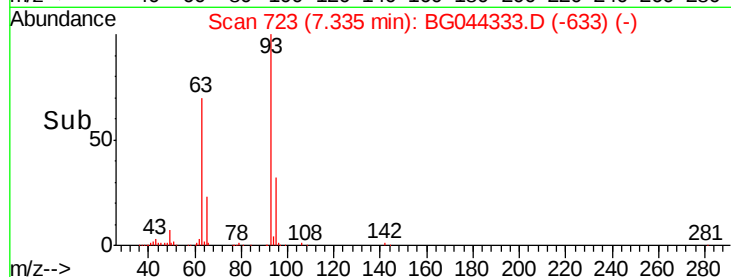
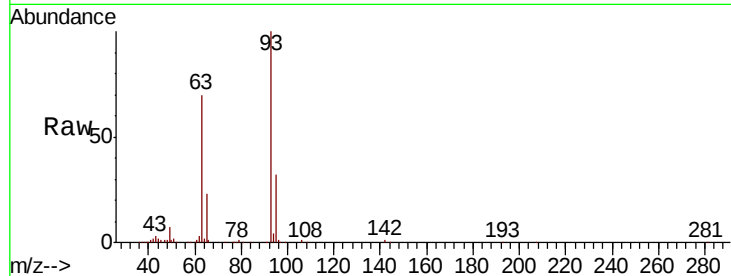
#11
bis(2-Chloroethyl)ether
Concen: 42.079 ng
RT: 7.33 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:	93	Resp:	251951
Ion	Ratio	Lower	Upper
93	100		
63	70.1	49.2	89.2
95	32.3	13.6	53.6

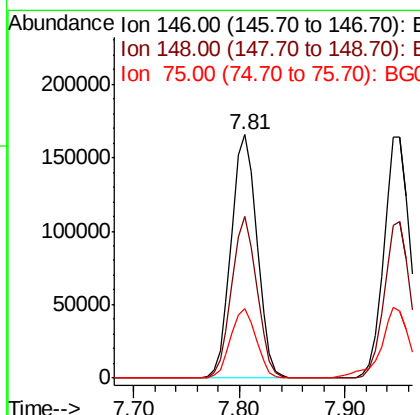
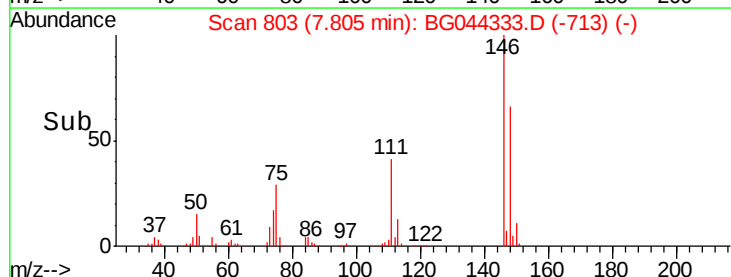
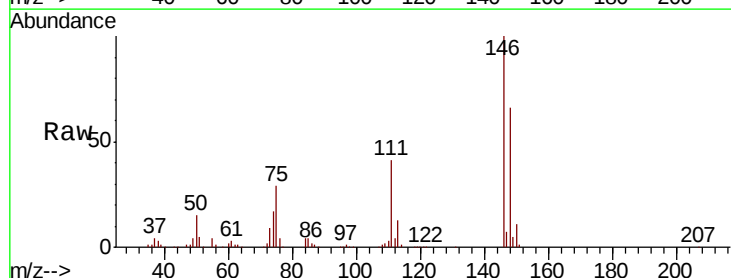
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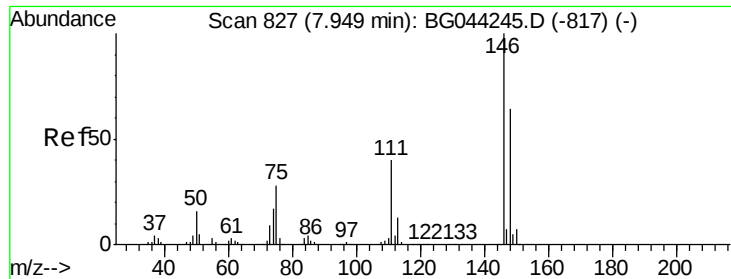
mohammad
2/11/2020 8:25:48 AM



#12
1,3-Dichlorobenzene
Concen: 40.439 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion:	146	Resp:	279646
Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.8	77.8
75	28.5	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 41.518 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

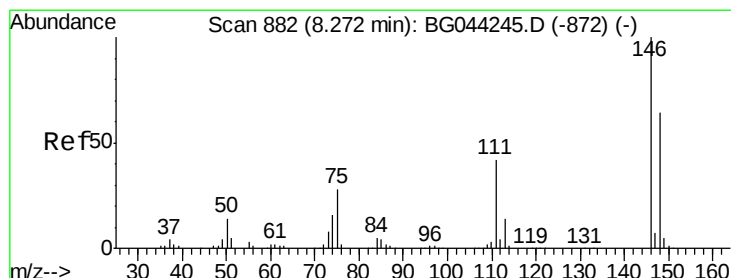
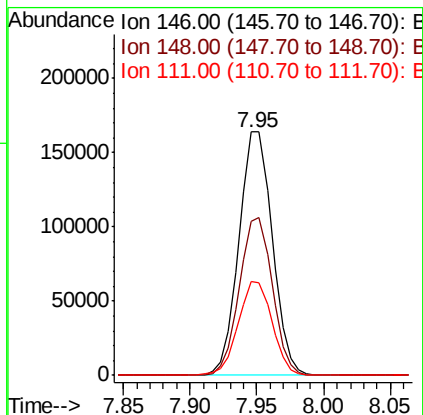
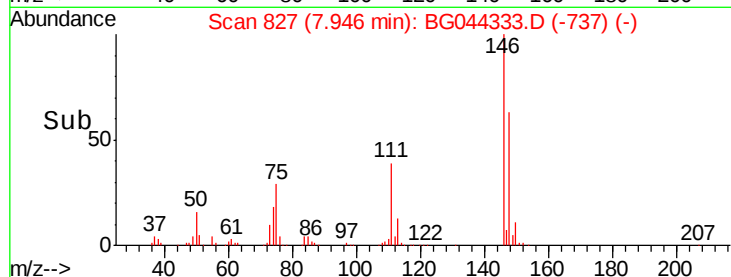
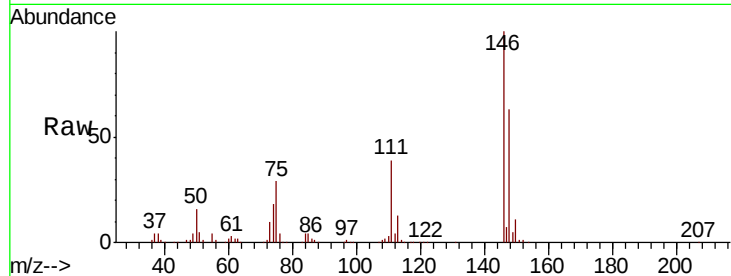
ClientSampleId :

PB126601BSD

Tot Ion:	146	Resp:	284357
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.4	77.0
111	38.7	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 41.748 ng

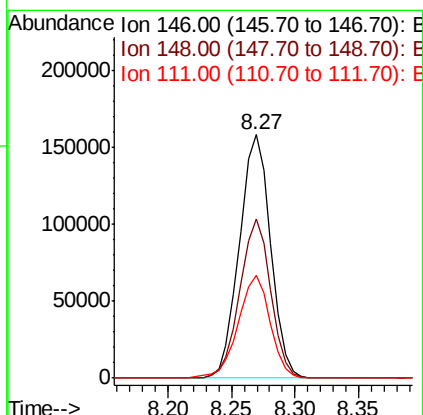
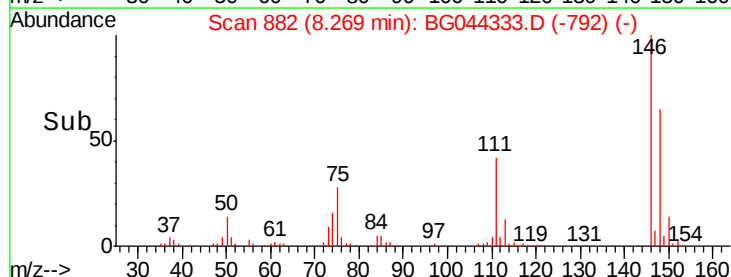
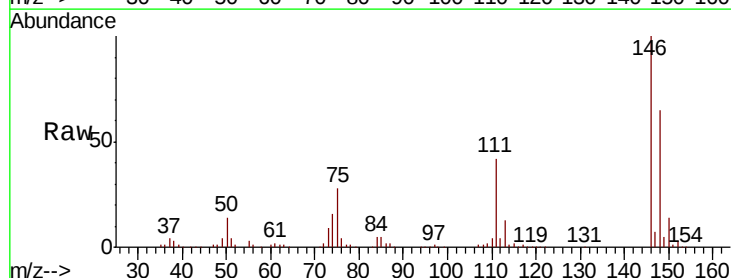
RT: 8.27 min Scan# 882

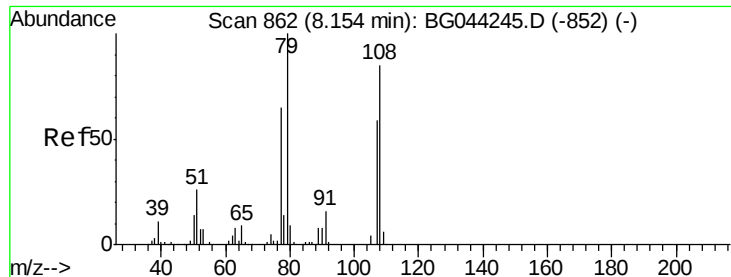
Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Tgt Ion:	146	Resp:	270264
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.2	76.8
111	42.2	34.0	51.0





#15

Benzyl Alcohol

Concen: 44.558 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

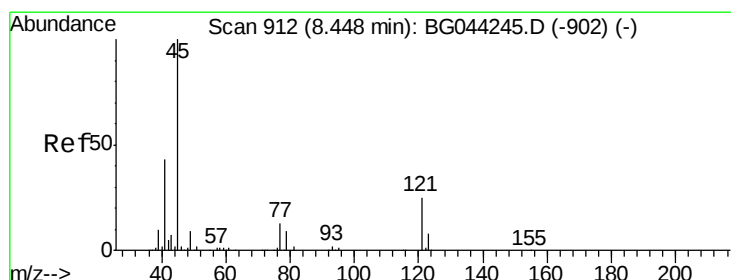
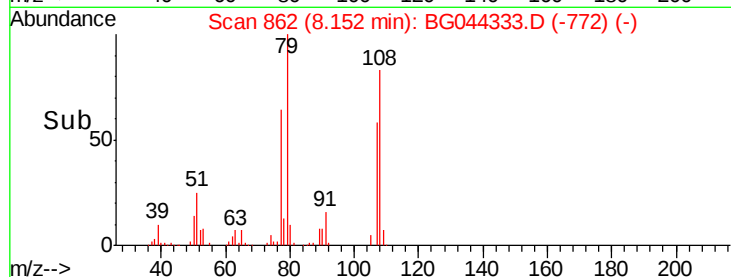
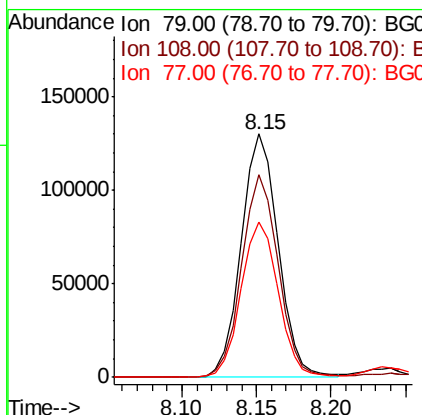
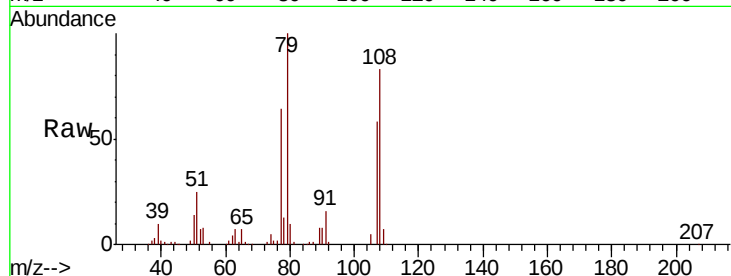
ClientSampleId :

PB126601BSD

Tot Ion:	79	Resp:	223242
Ion Ratio	Lower	Upper	
79	100		
108	83.3	68.3	102.5
77	63.7	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.067 ng

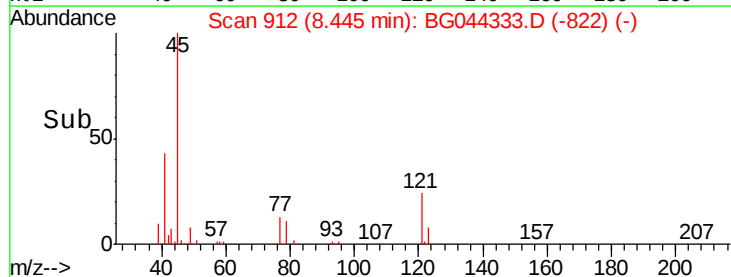
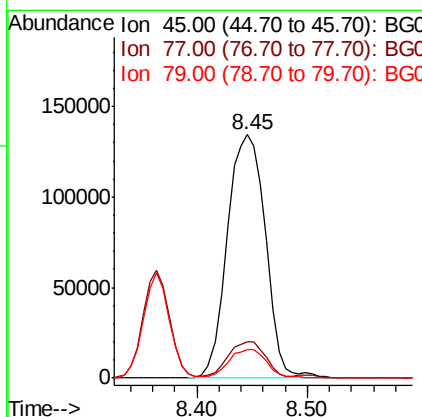
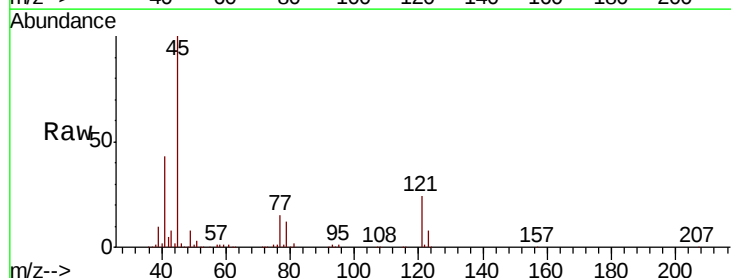
RT: 8.45 min Scan# 912

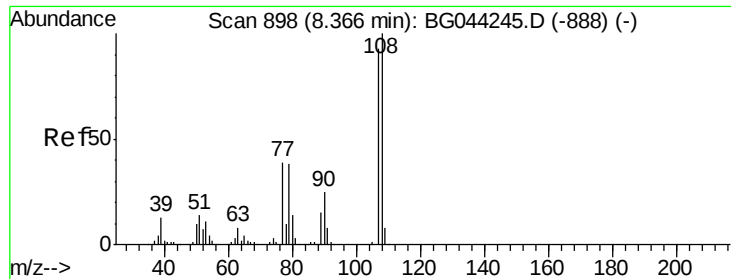
Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Tgt Ion:	45	Resp:	324709
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.2
79	11.5	0.0	31.1





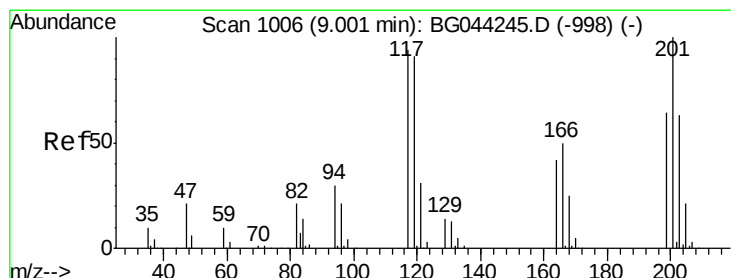
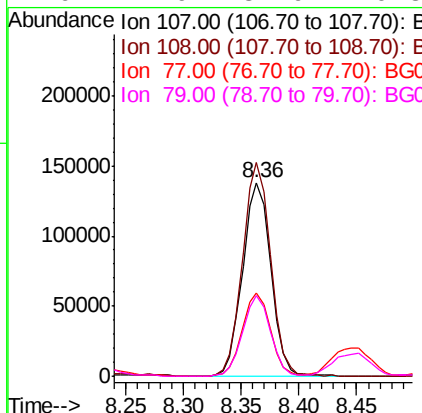
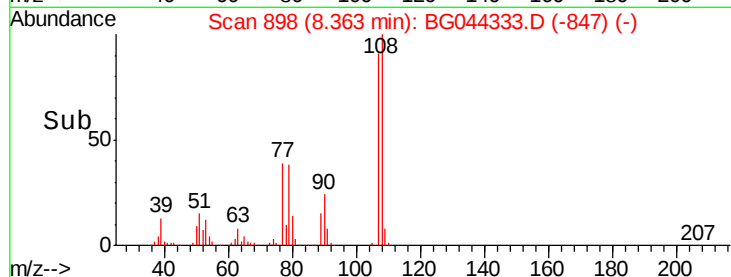
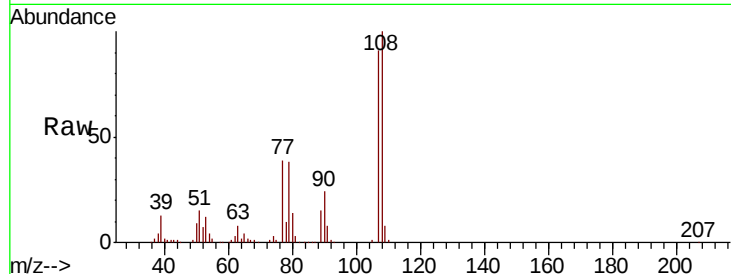
#17
2-Methylphenol
Concen: 47.186 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	86.4	129.6	
77	43.0	34.0	51.0	
79	41.9	32.9	49.3	

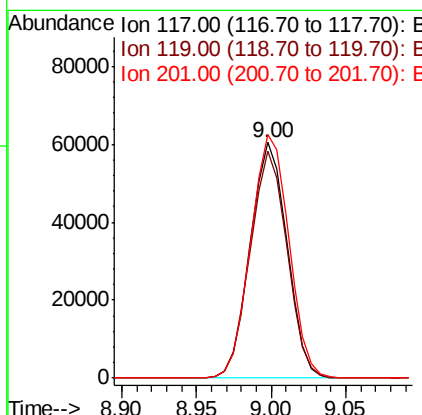
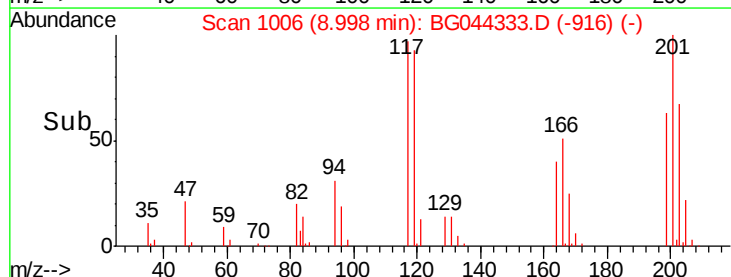
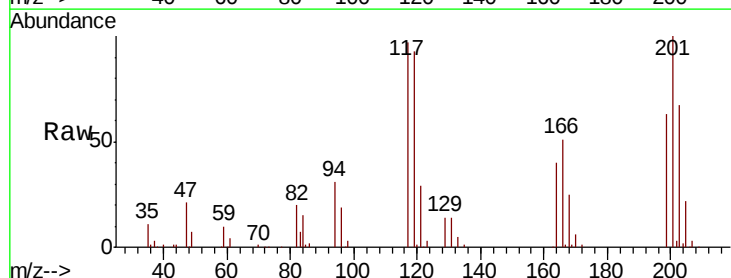
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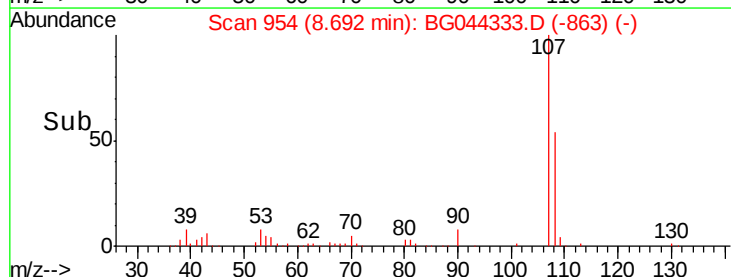
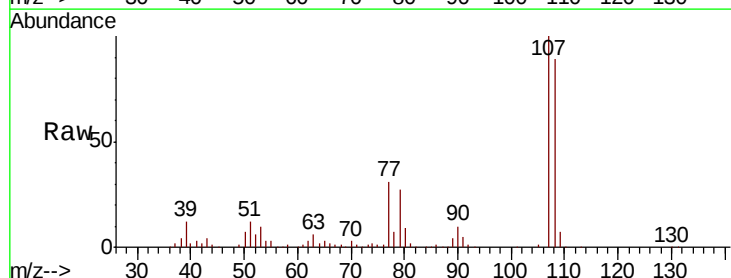
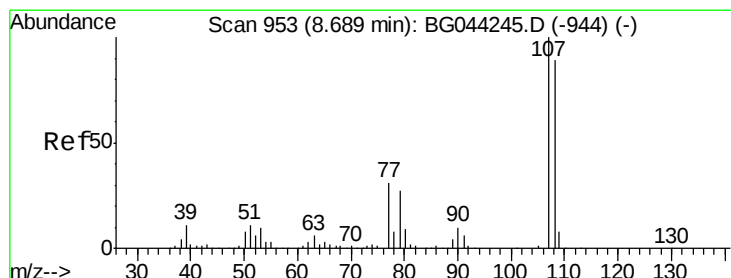
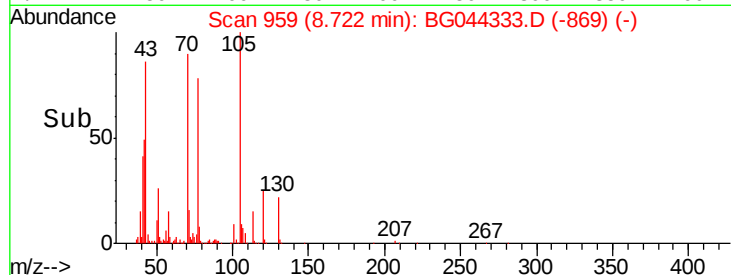
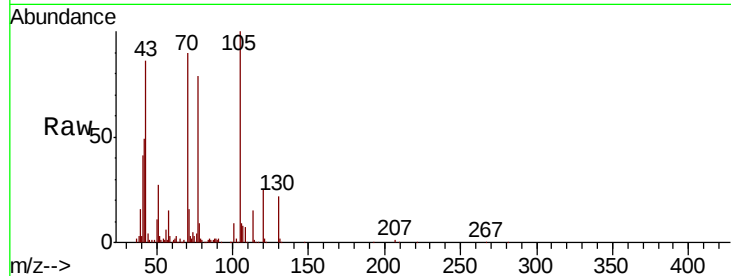
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#18
Hexachloroethane
Concen: 40.190 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.5	116.3	
201	103.2	84.9	127.3	





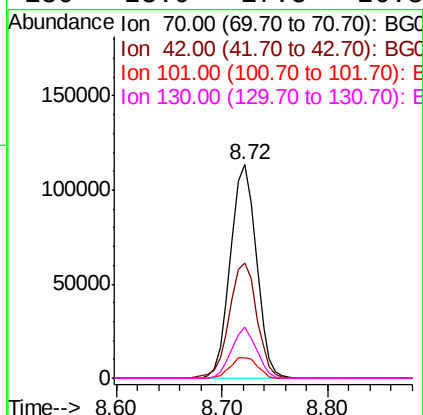
#19
n-Nitroso-di-n-propylamine
Concen: 40.966 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	46.2	69.2	
101	9.6	8.4	12.6	
130	23.9	17.8	26.8	

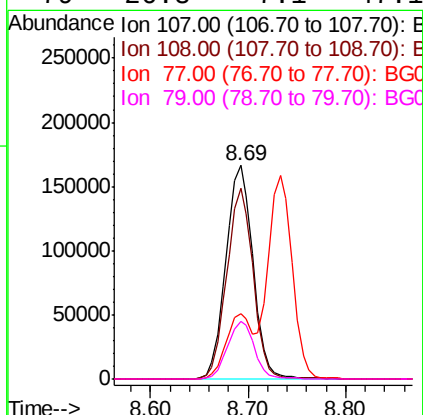
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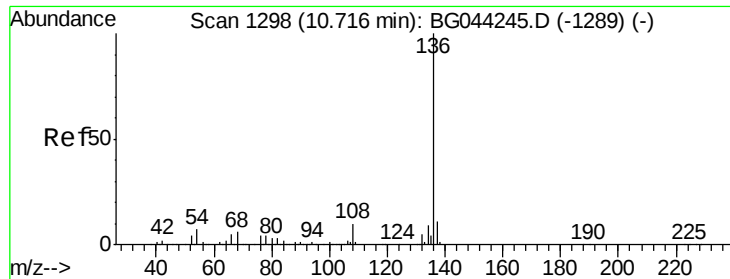
mohammad
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#20
3+4-Methylphenols
Concen: 46.413 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	68.5	108.5	
77	30.5	10.9	50.9	
79	26.8	7.1	47.1	





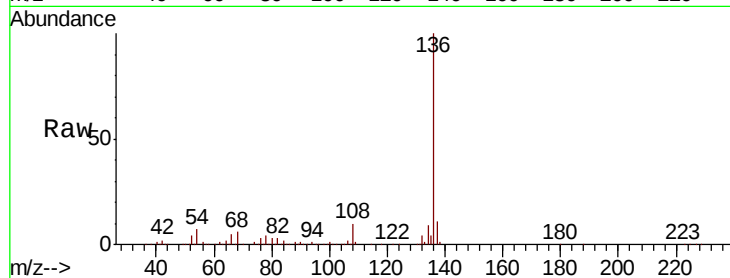
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	381637		
137	11.2		8.8	13.2
54	7.4		5.8	8.8
68	5.9		4.6	6.8

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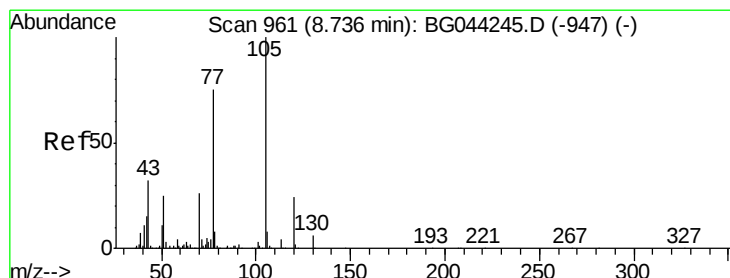
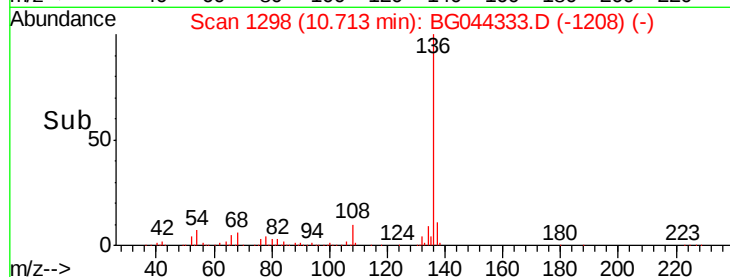
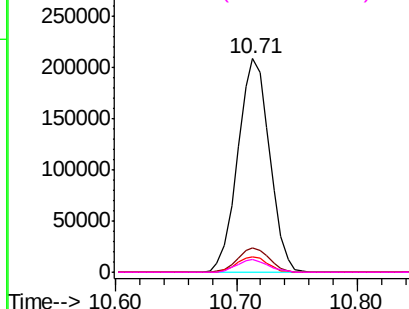
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.588 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	367539		
71	4.8		3.4	5.0
51	25.3		20.2	30.4
120	23.6		19.1	28.7

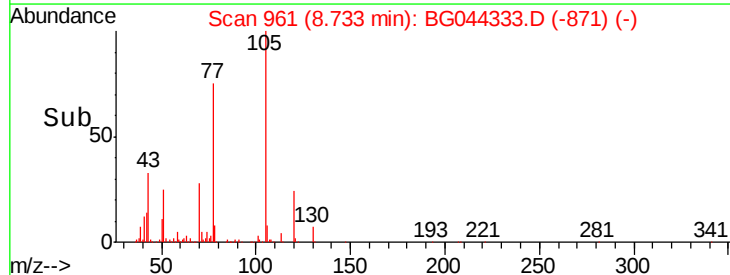
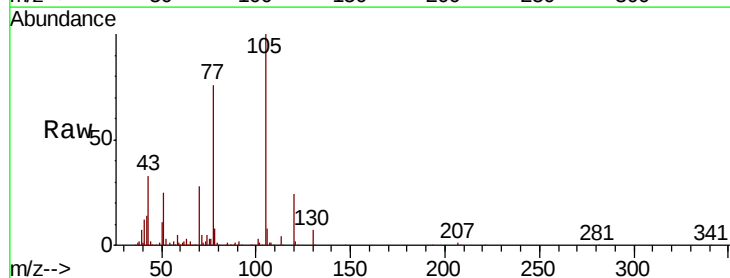
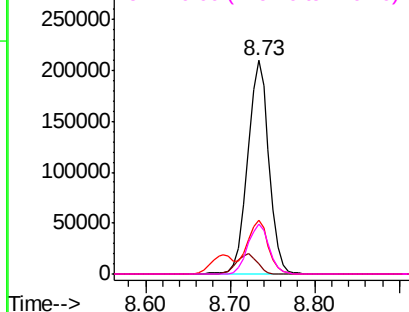
Abundance

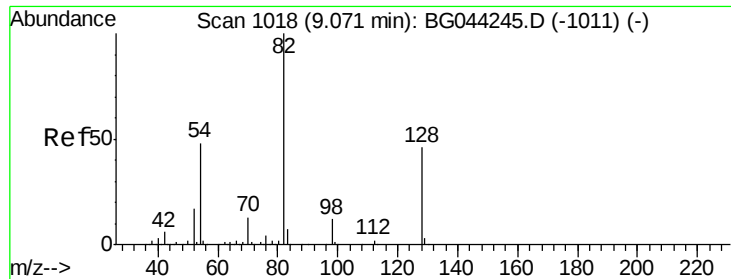
Ion 105.00 (104.70 to 105.70): E

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





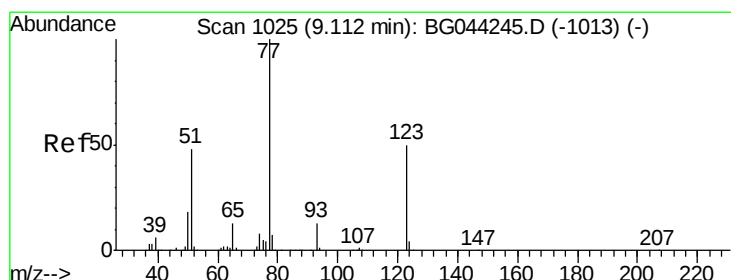
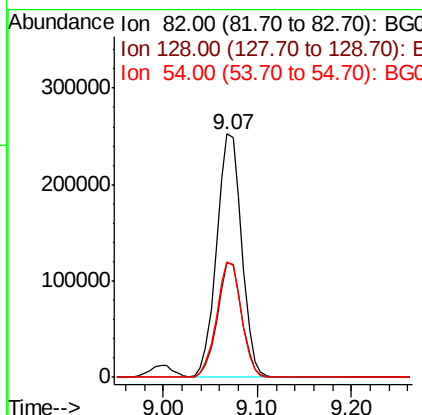
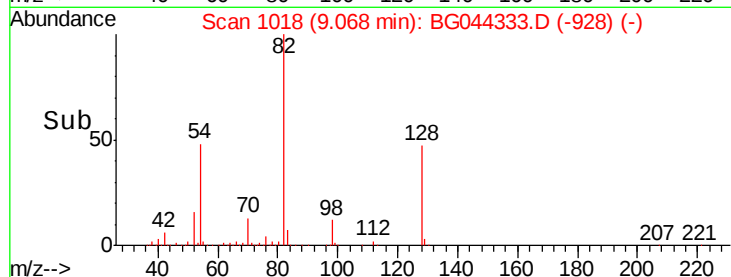
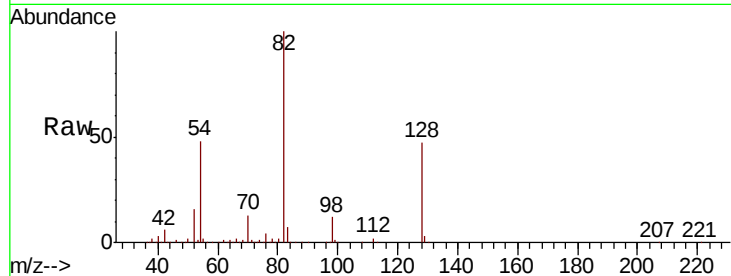
#23
 Nitrobenzene-d5
 Concen: 69.364 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	47.5	38.6	58.0

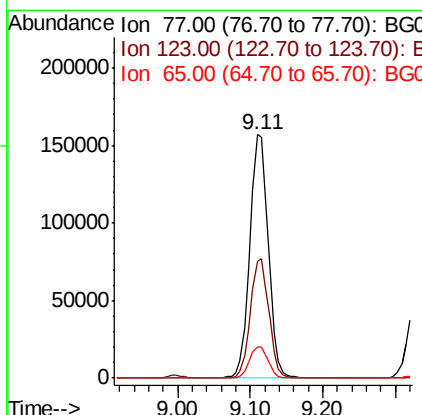
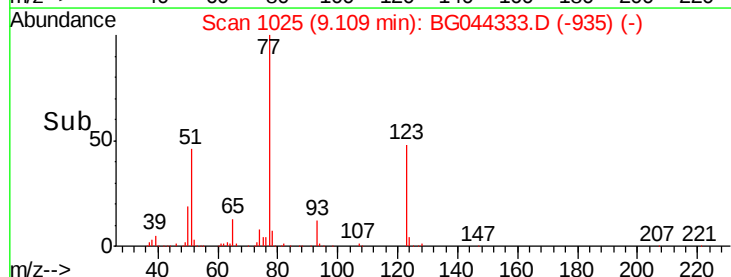
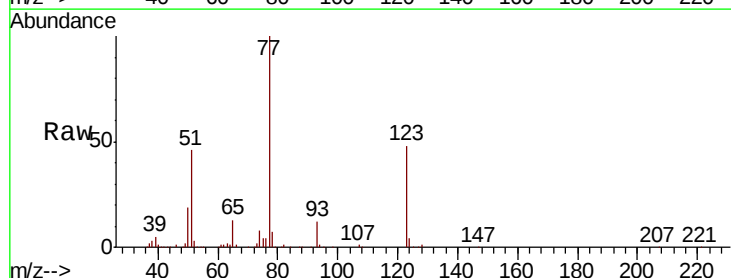
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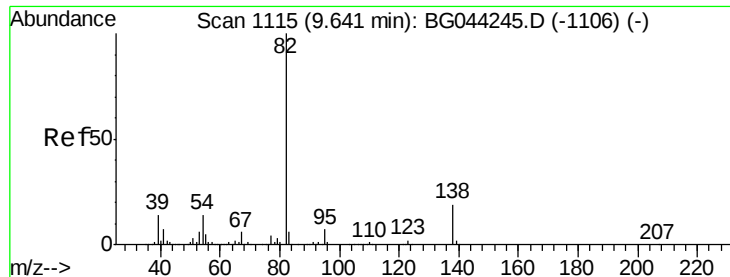
mohammad
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#24
 Nitrobenzene
 Concen: 42.203 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	39.9	59.9
65	12.6	10.4	15.6





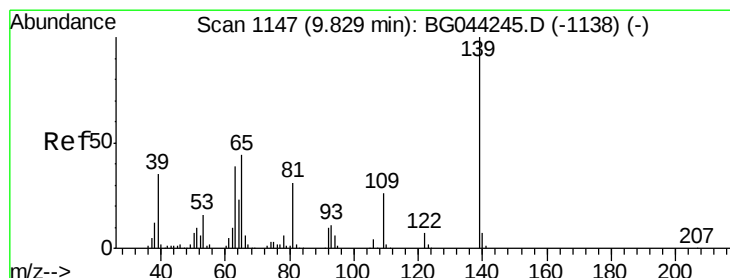
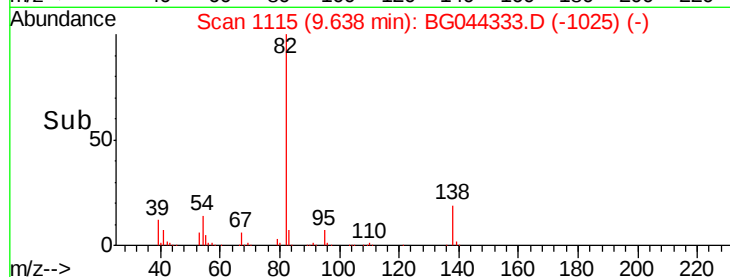
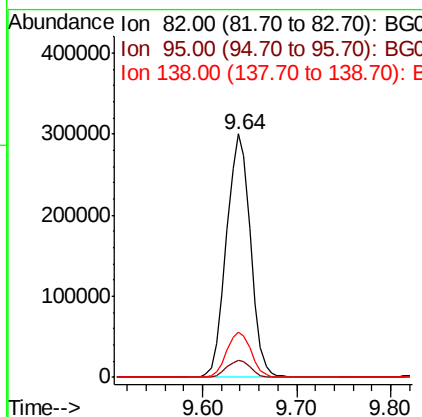
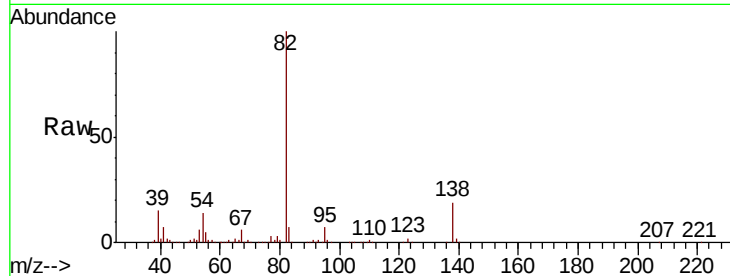
#25
Isophorone
Concen: 42.204 ng
RT: 9.64 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.6	15.0	22.4

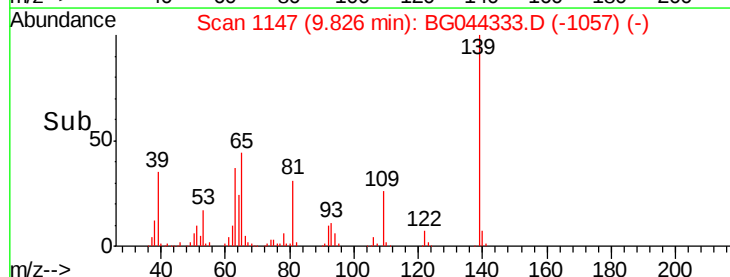
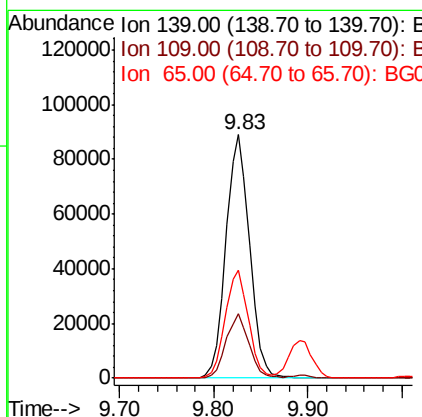
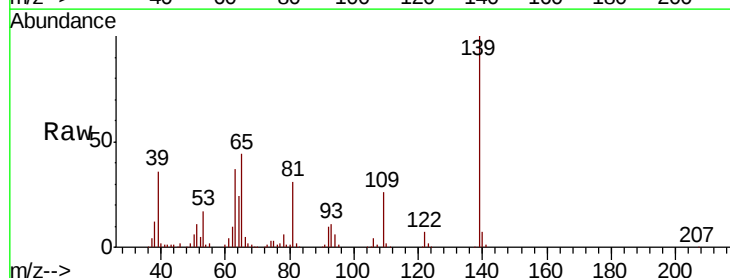
Manual Integrations
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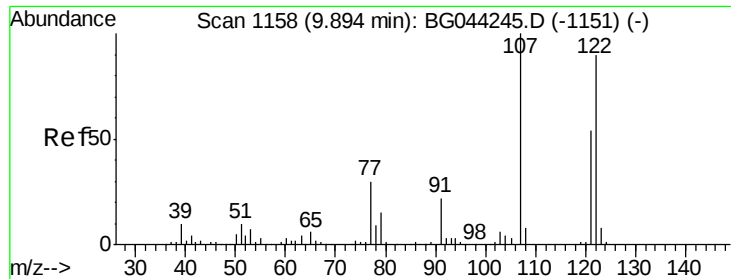
mohammad
2/11/2020 8:25:48 AM



#26
2-Nitrophenol
Concen: 45.347 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.4	21.0	31.4
65	44.1	35.0	52.4





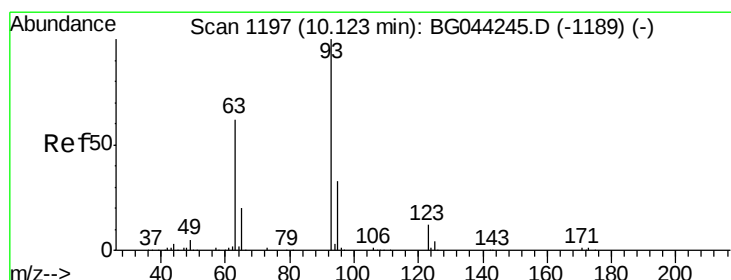
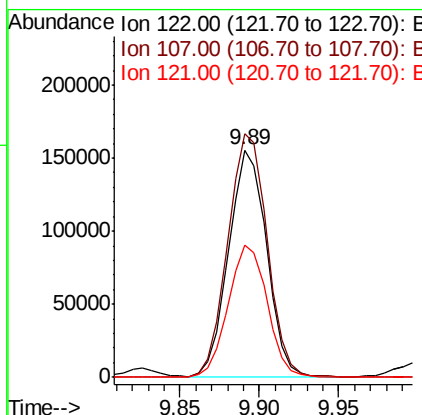
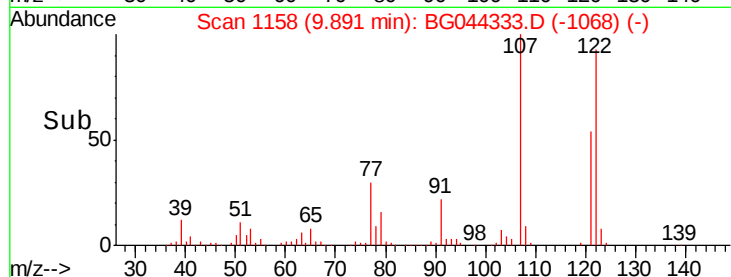
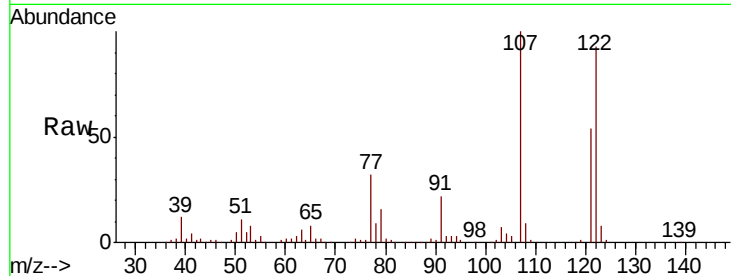
#27
2,4-Dimethylphenol
Concen: 53.265 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.0	88.8	133.2
121	58.0	48.3	72.5

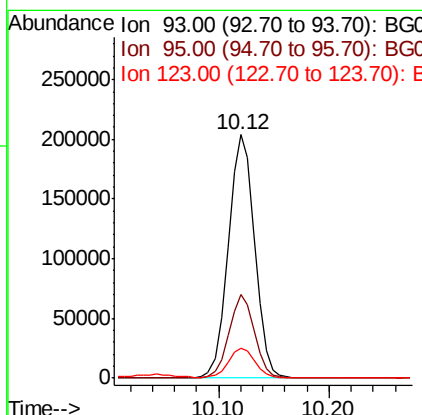
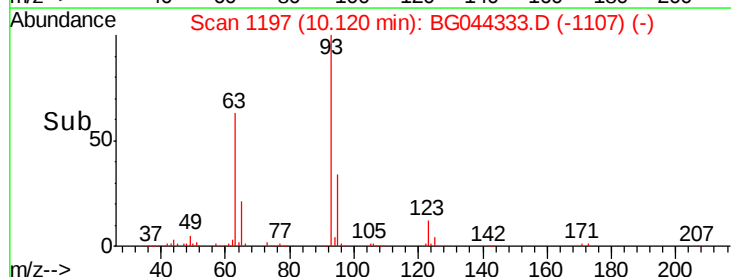
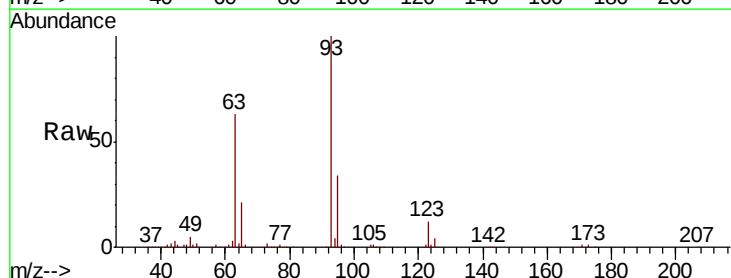
Manual Integrations
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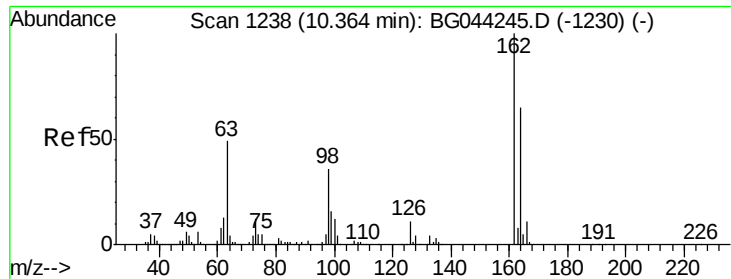
mohammad
2/11/2020 8:25:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.313 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.6	40.0
123	12.1	10.0	15.0





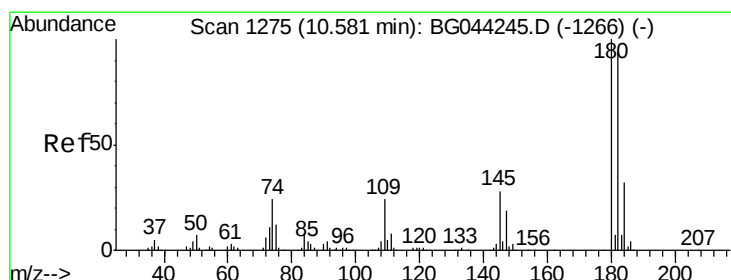
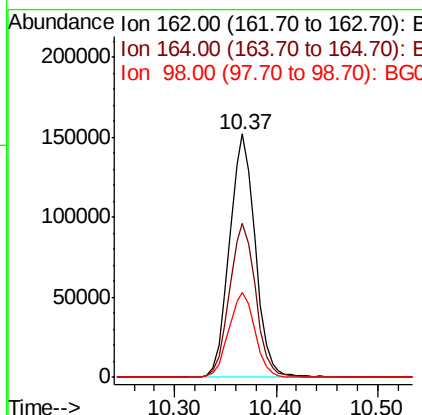
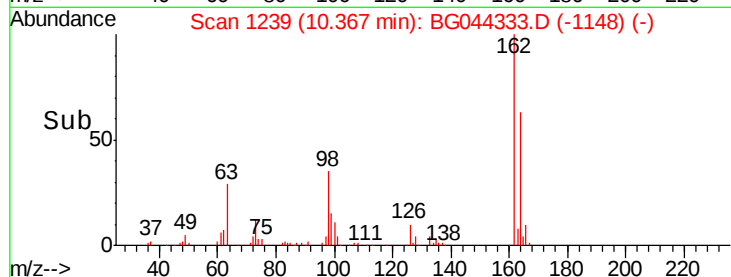
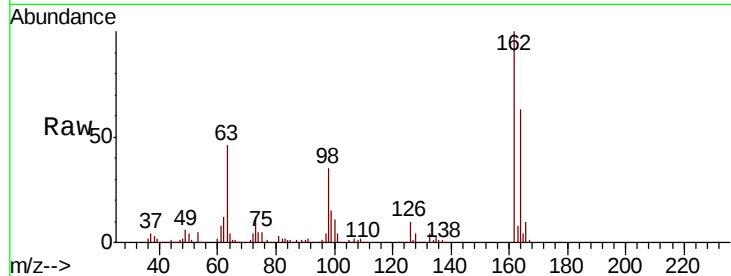
#29
2,4-Dichlorophenol
Concen: 45.749 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	267396		
164	63.4	44.7	84.7	
98	34.9	15.8	55.8	

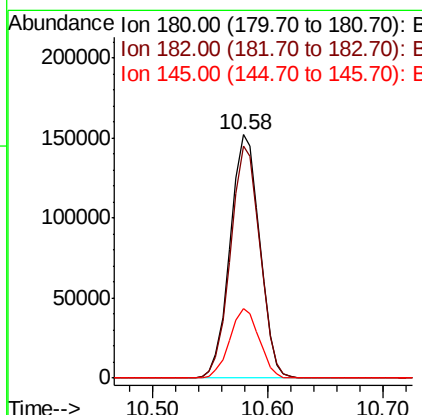
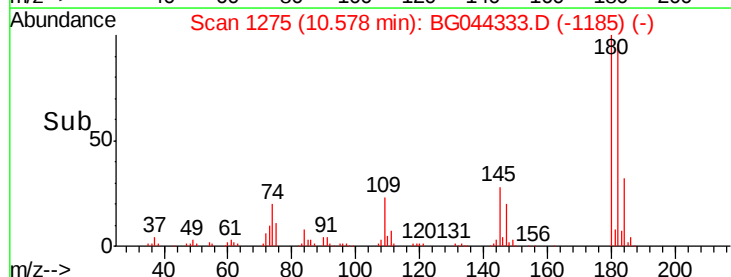
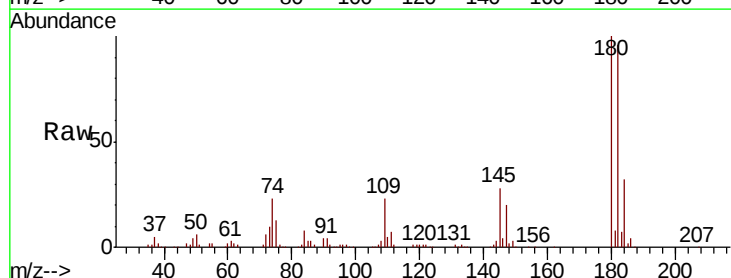
Manual Integrations
APPROVED

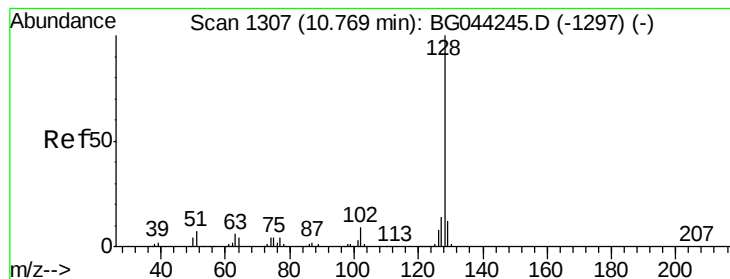
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.329 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270281		
182	95.5	75.5	113.3	
145	28.5	22.6	34.0	





#31

Naphthalene

Concen: 42.496 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

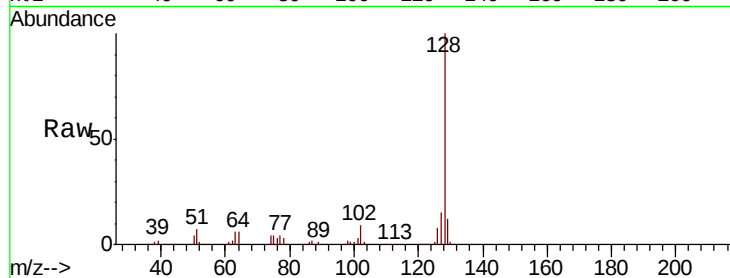
ClientSampleId :

PB126601BSD

Tot Ion:	128	Resp:	786843
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.3	13.9
127	14.9	11.6	17.4

Manual Integrations
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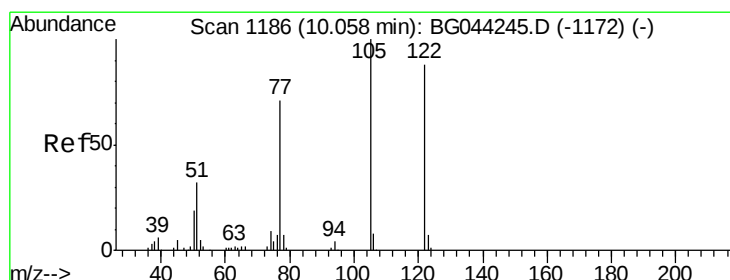
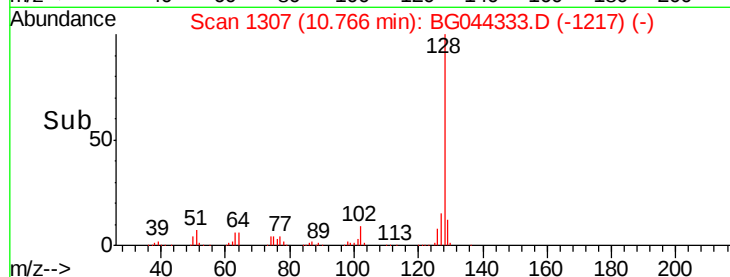
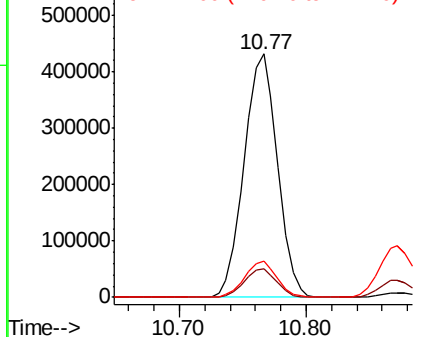


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.435 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

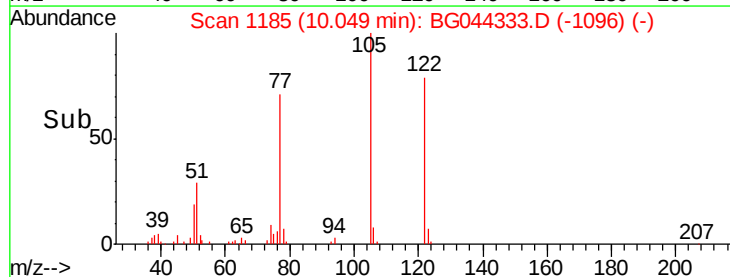
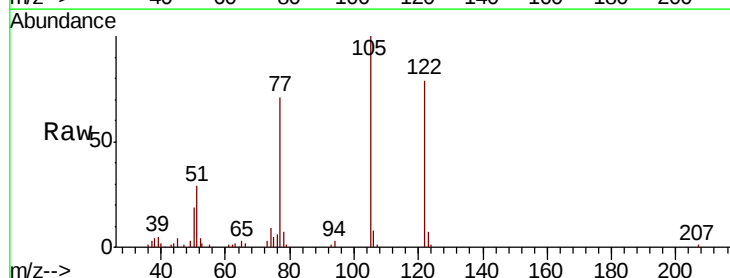
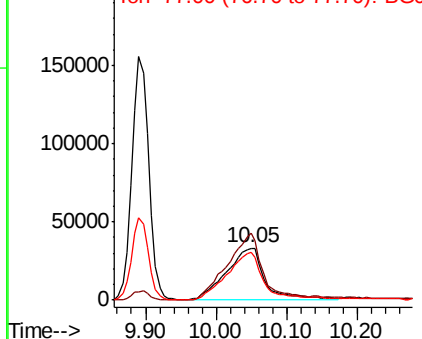
Tgt Ion:	122	Resp:	123171
Ion Ratio	Lower	Upper	
122	100		
105	127.4	93.5	133.5
77	91.1	61.0	101.0

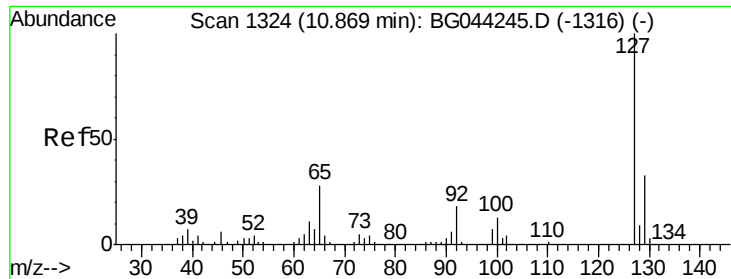
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





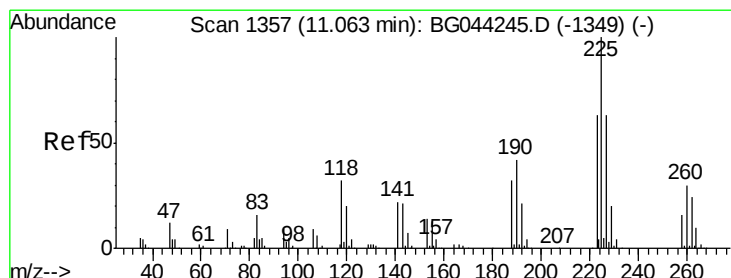
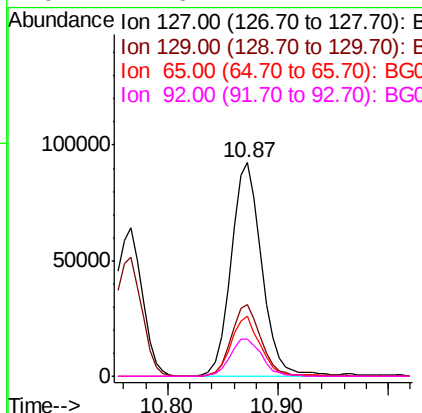
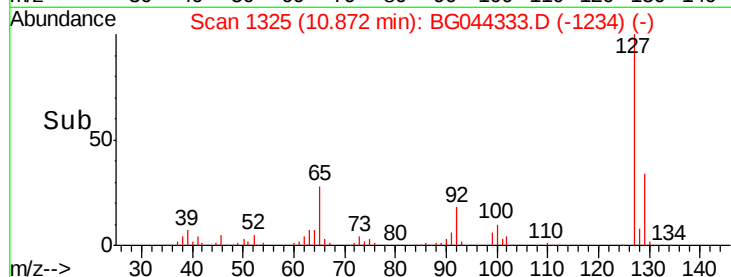
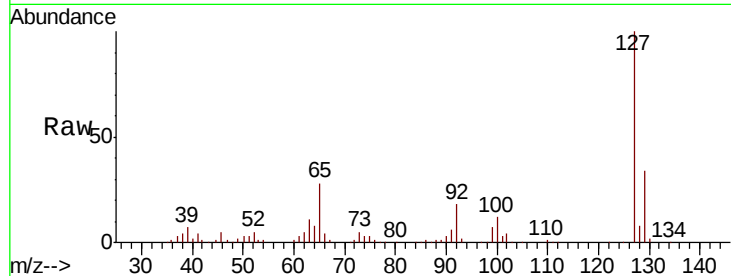
#33
4-Chloroaniline
Concen: 21.370 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	28.0	22.5	33.7
92	17.6	14.1	21.1

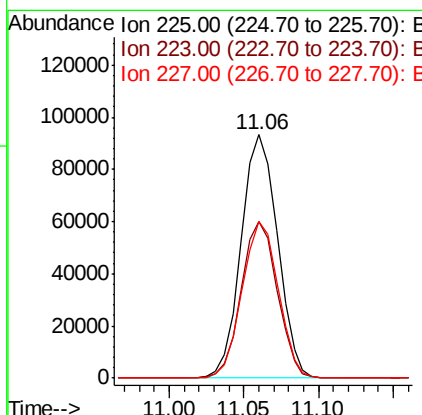
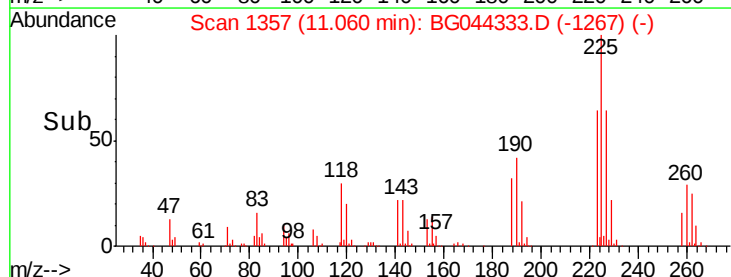
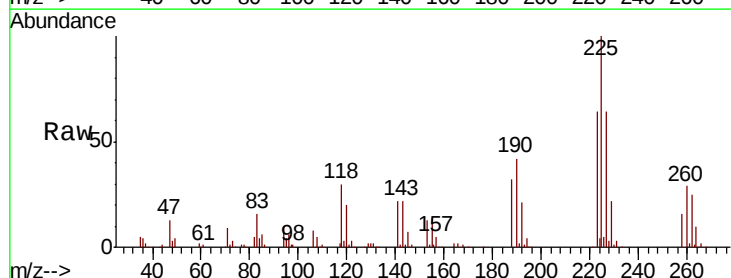
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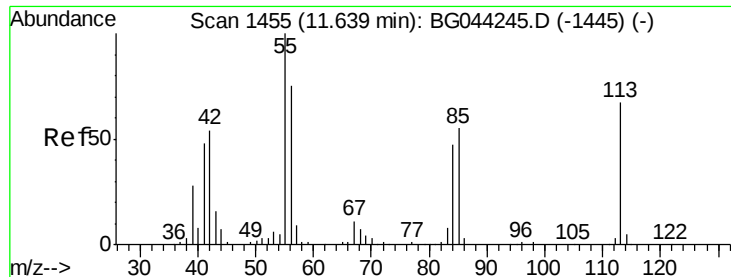
mohammad
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#34
Hexachlorobutadiene
Concen: 38.253 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.4
227	64.1	50.8	76.2





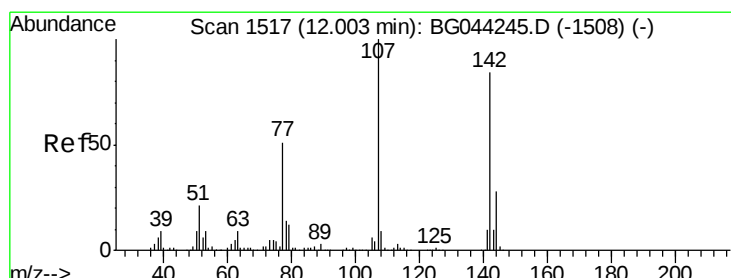
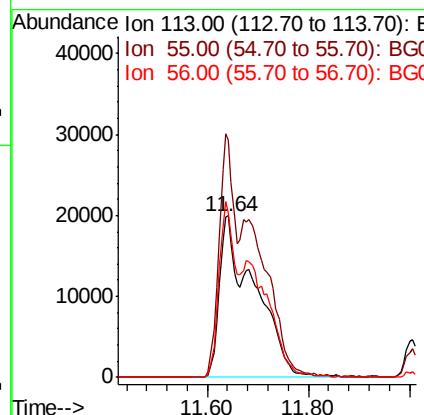
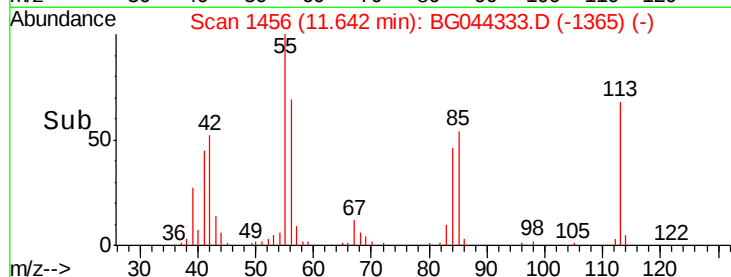
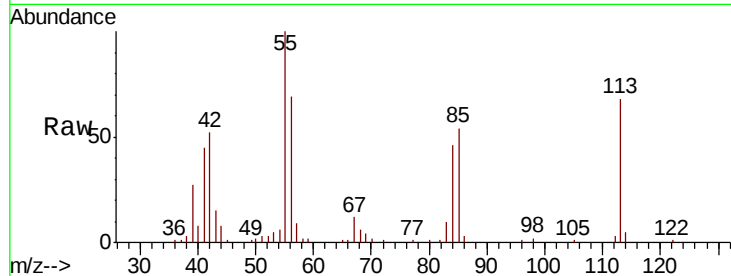
#35
Caprolactam
Concen: 44.922 ng/ml
RT: 11.64 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:113 Resp: 96182
Ion Ratio Lower Upper
113 100
55 147.0 129.9 169.9
56 101.9 92.5 132.5

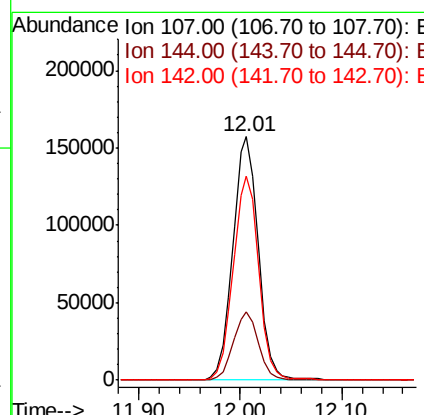
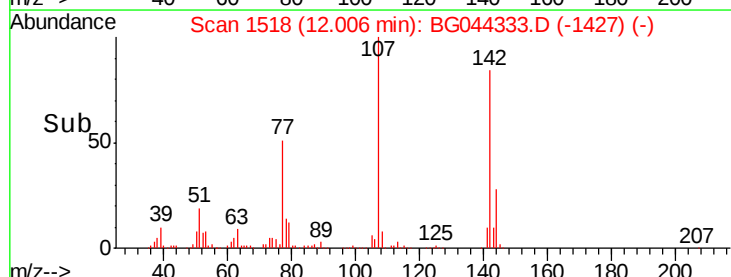
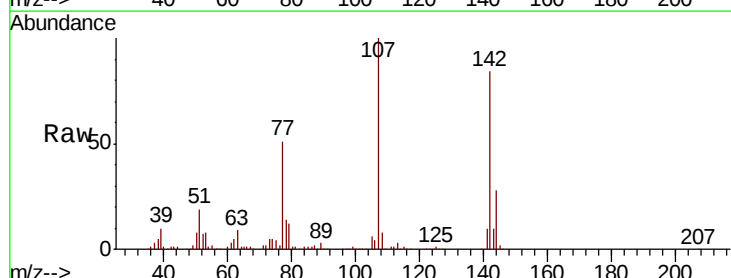
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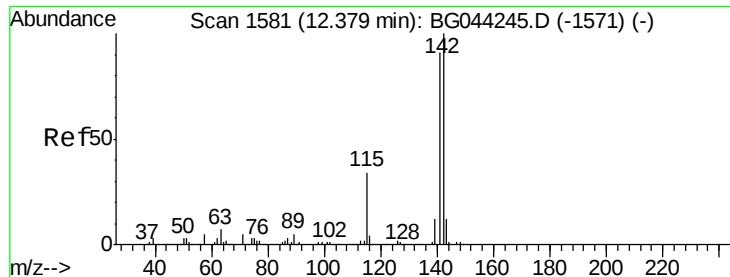
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.519 ng/ml
RT: 12.01 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion:107 Resp: 272814
Ion Ratio Lower Upper
107 100
144 28.0 22.2 33.4
142 83.7 67.4 101.0





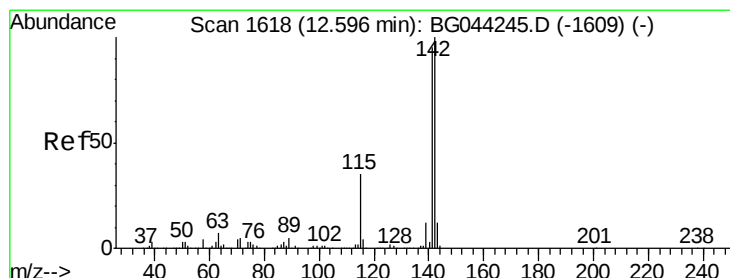
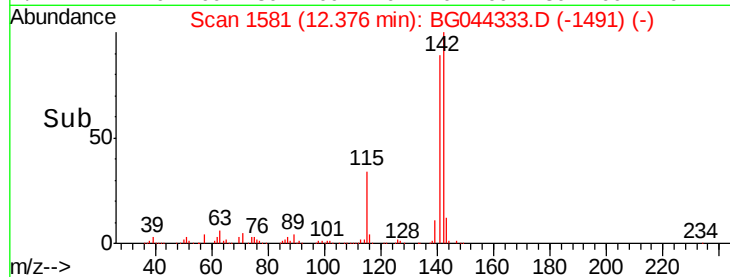
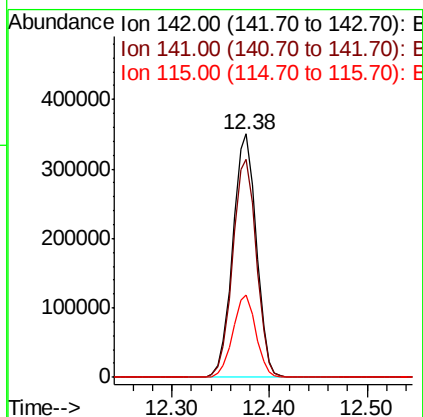
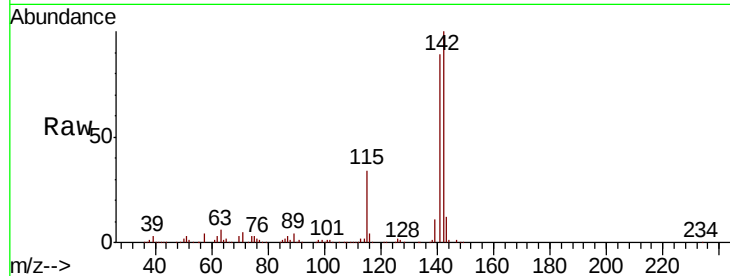
#37
 2-Methylnaphthalene
 Concen: 42.688 ng
 RT: 12.38 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.2	109.8
115	33.7	27.1	40.7

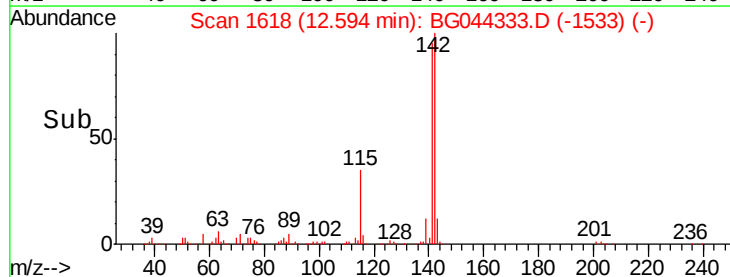
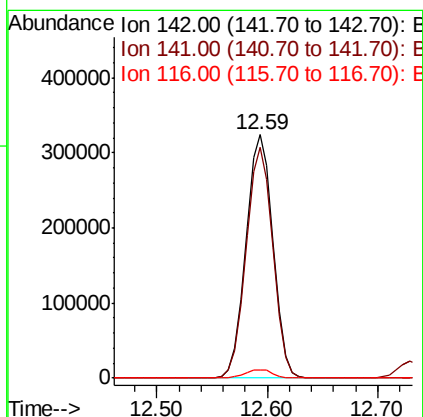
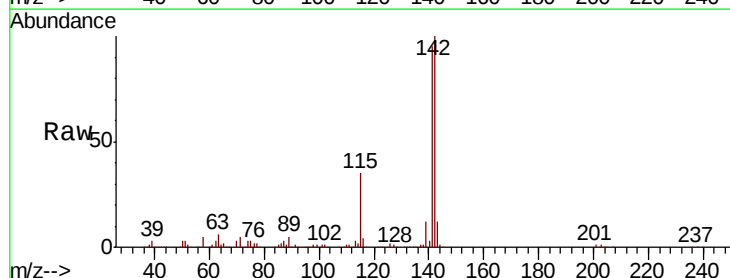
Manual Integrations
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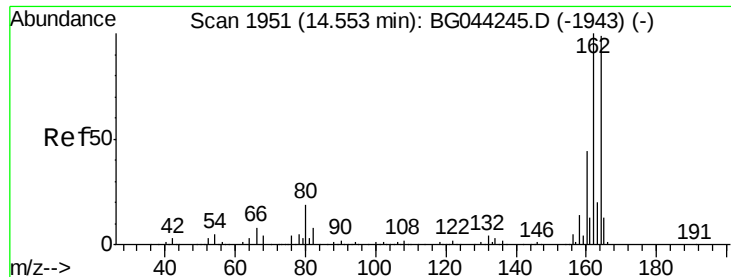
mohammad
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#38
 1-Methylnaphthalene
 Concen: 42.795 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.6
116	3.6	3.1	4.7





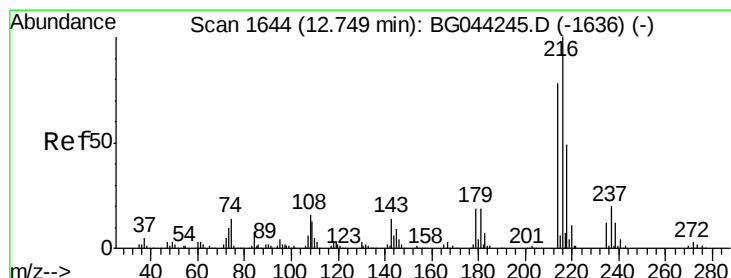
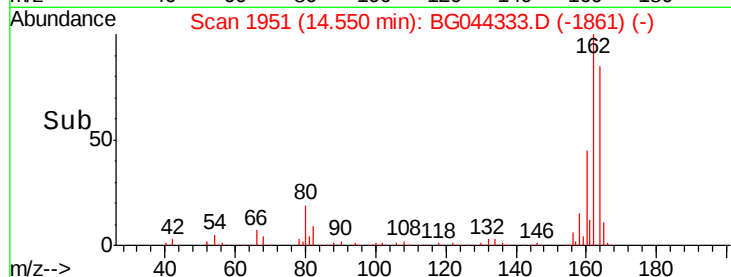
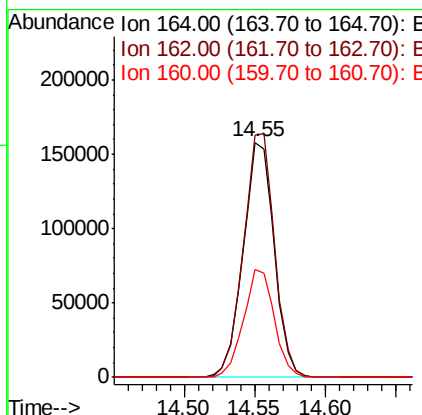
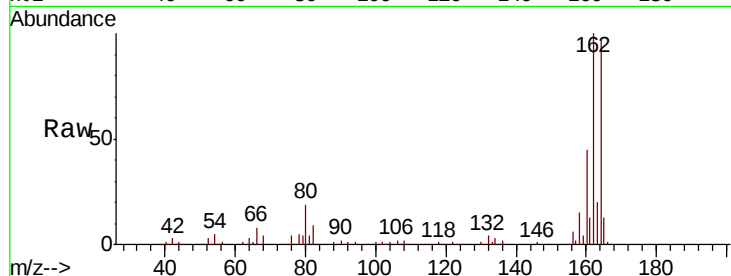
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	242902		
162	102.9	80.7	121.1	
160	45.9	35.3	52.9	

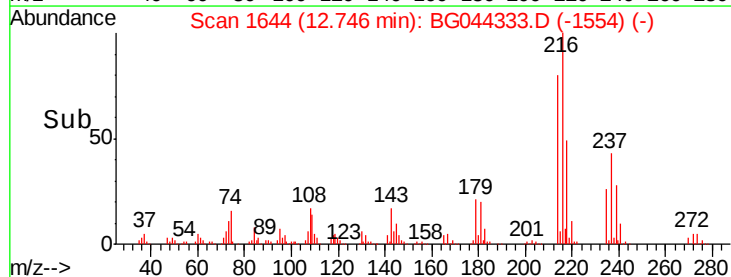
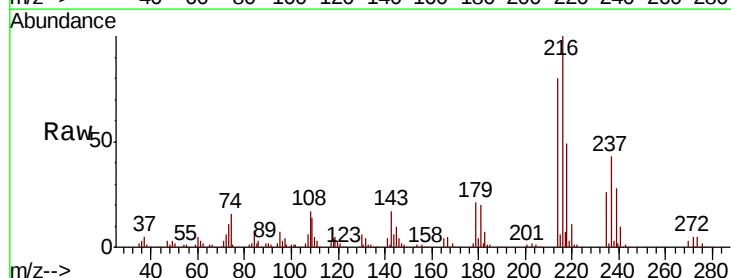
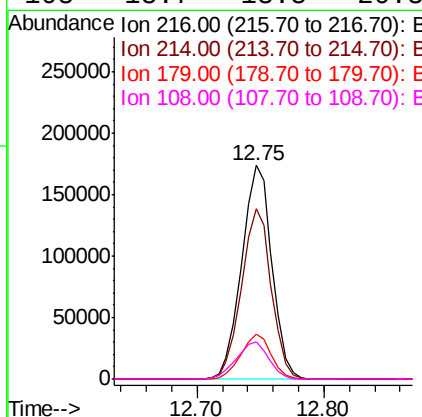
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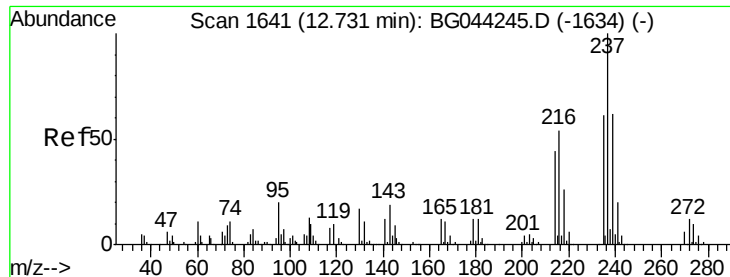
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.460 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	286716		
214	78.6	63.0	94.6	
179	20.8	16.2	24.4	
108	18.7	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 89.198 ng

RT: 12.73 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

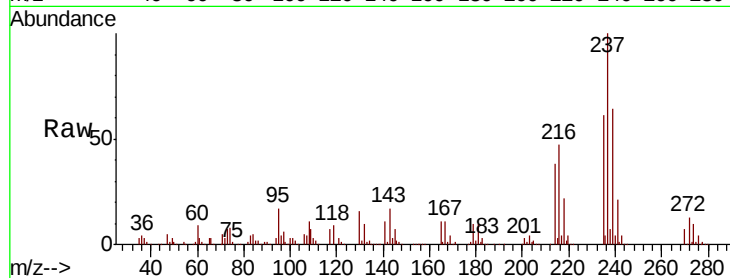
ClientSampleId :

PB126601BSD

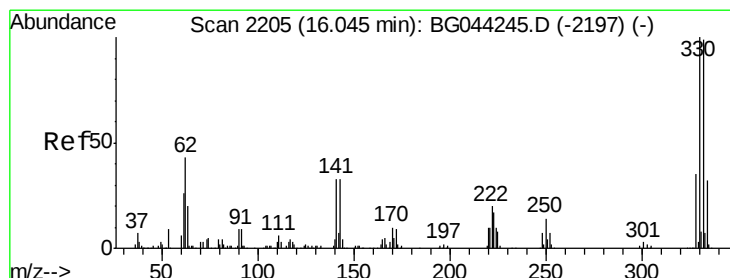
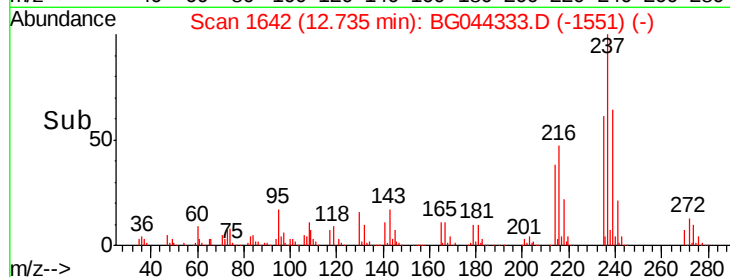
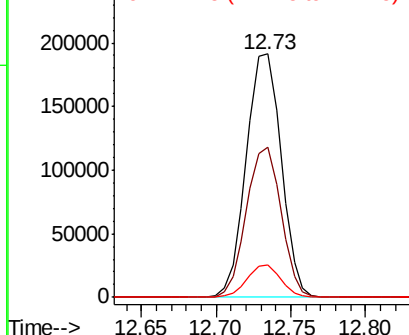
Tot Ion:	237	Resp:	310983
Ion Ratio	Lower	Upper	
237	100		
235	61.5	41.2	81.2
272	13.1	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 117.235 ng

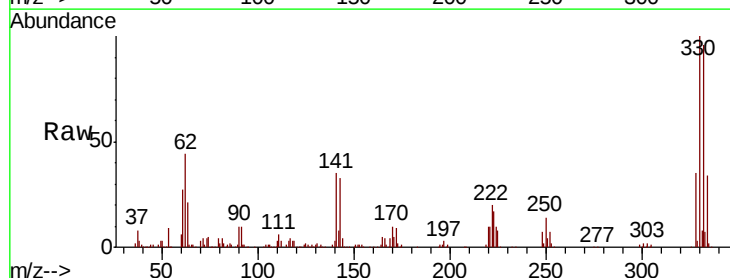
RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

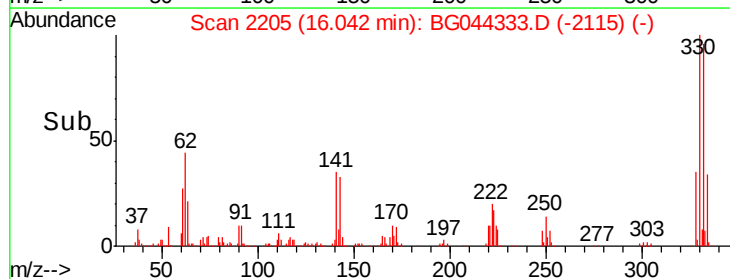
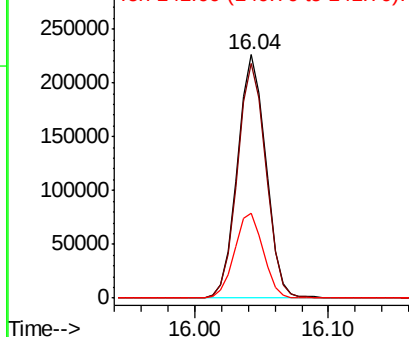
Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Tgt Ion:	330	Resp:	334299
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	35.3	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





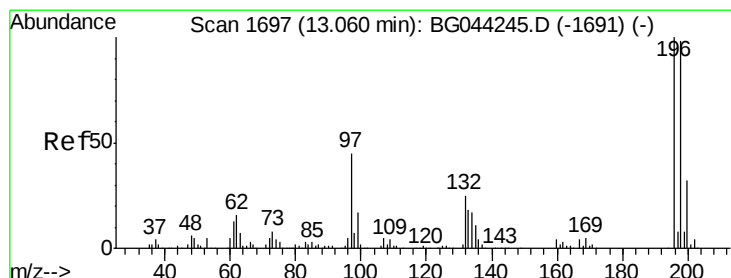
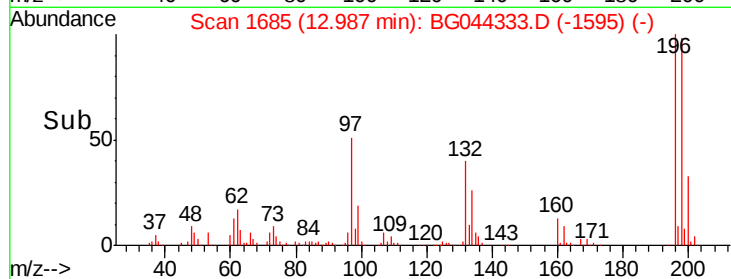
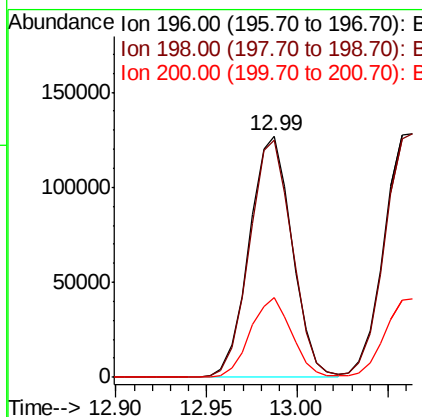
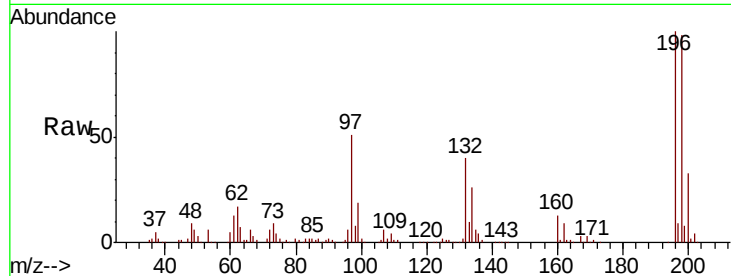
#43
 2,4,6-Trichlorophenol
 Concen: 44.352 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208300		
198	98.4	79.3	118.9	
200	32.9	25.7	38.5	

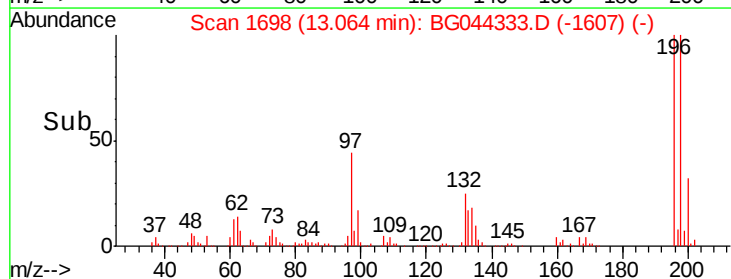
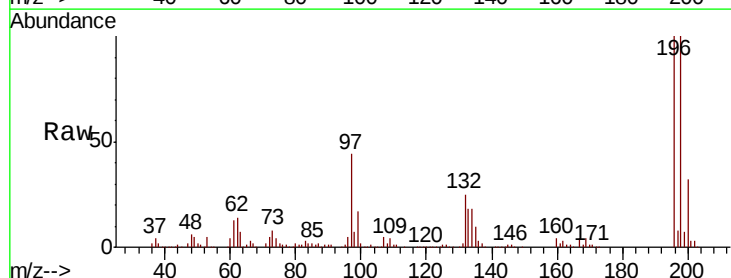
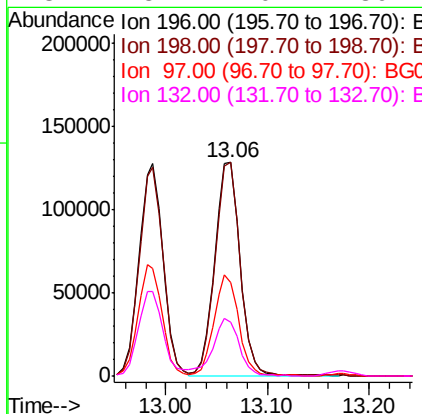
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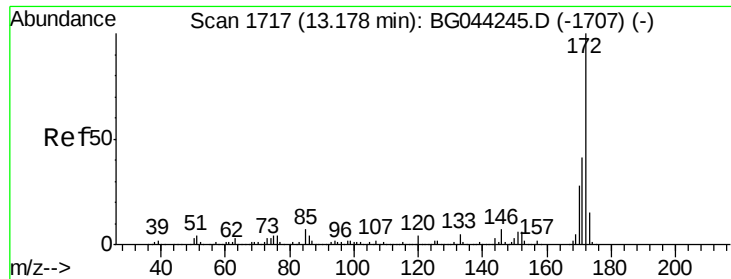
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.324 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222218		
198	100.2	78.2	117.2	
97	43.8	36.2	54.4	
132	25.1	20.2	30.4	





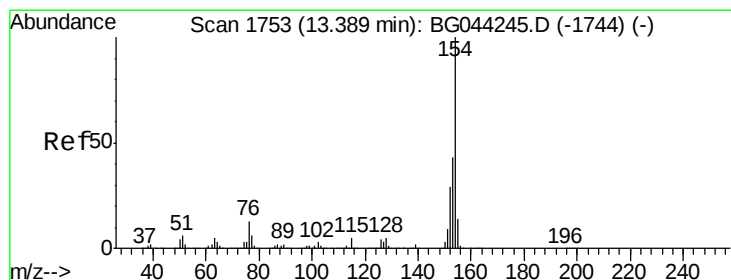
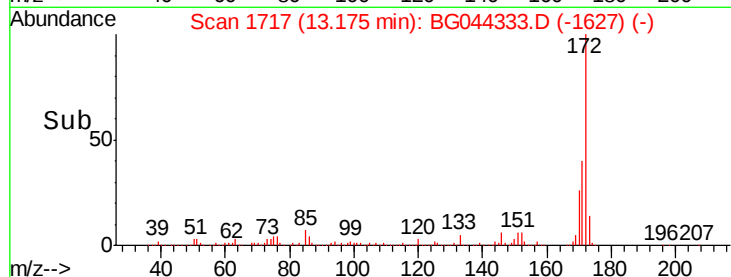
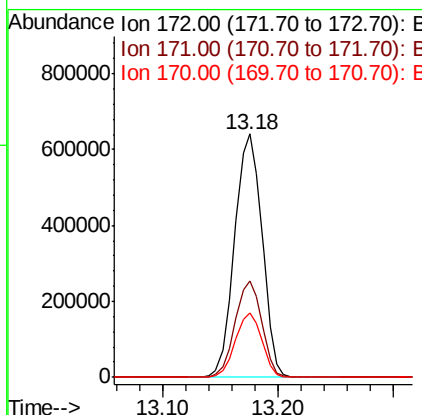
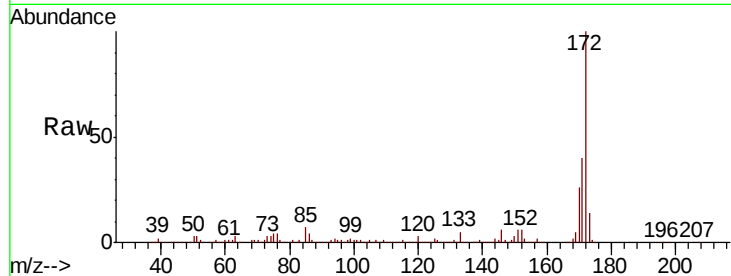
#45
2-Fluorobiphenyl
Concen: 72.594 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.9	49.3
170	26.3	22.0	33.0

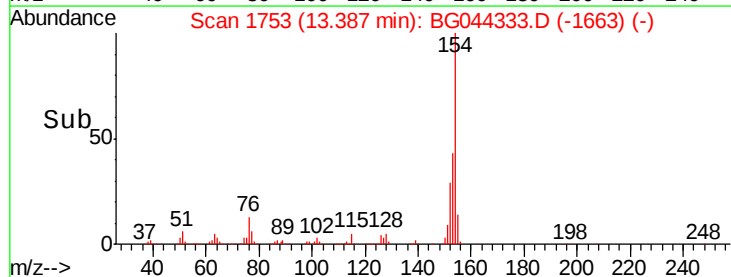
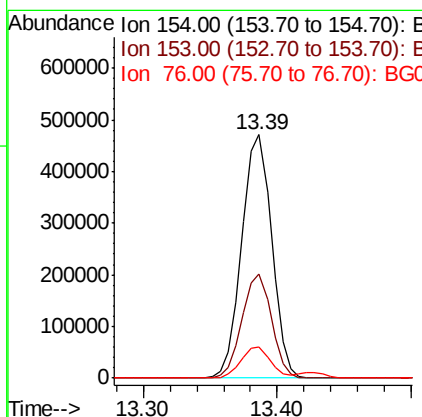
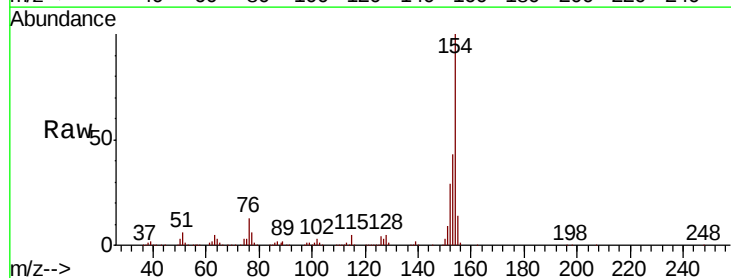
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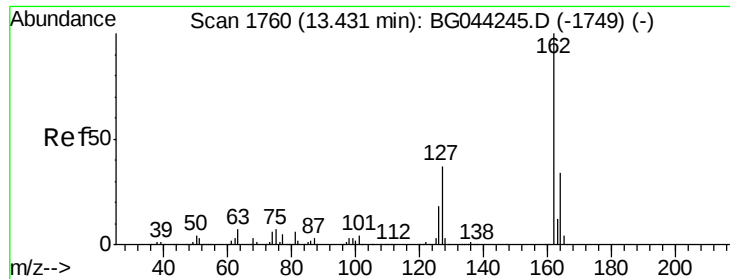
mohammad
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#46
1,1'-Biphenyl
Concen: 41.704 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.7	62.7
76	12.6	0.0	32.9





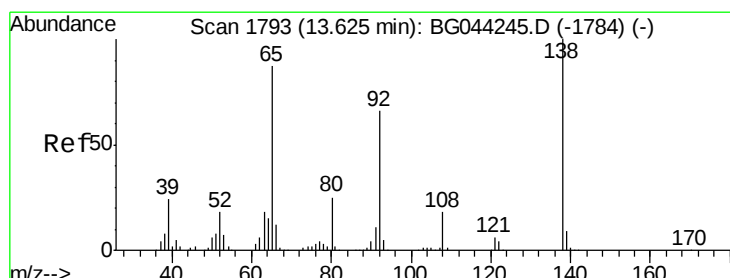
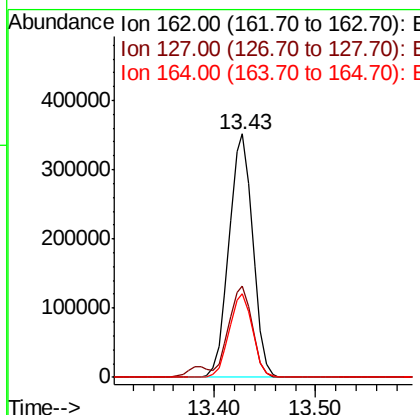
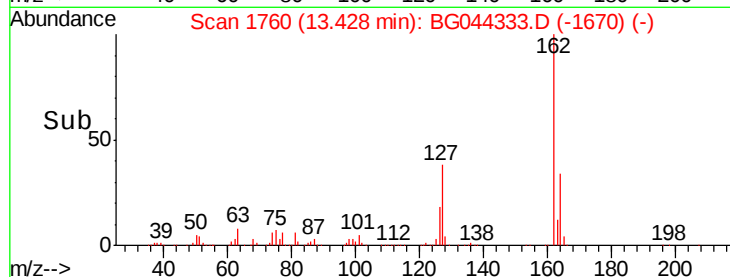
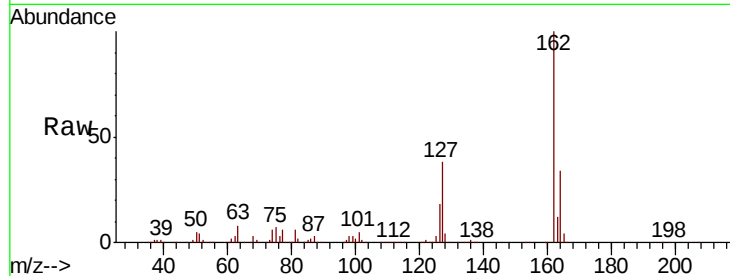
#47
2-Chloronaphthalene
Concen: 40.931 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	34.3	27.2	40.8

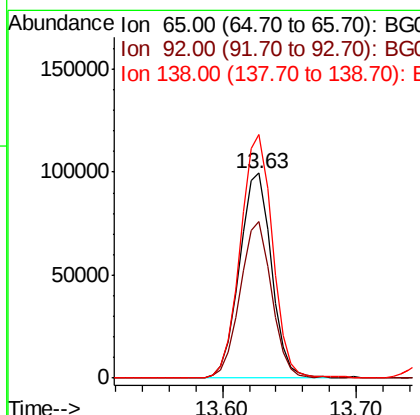
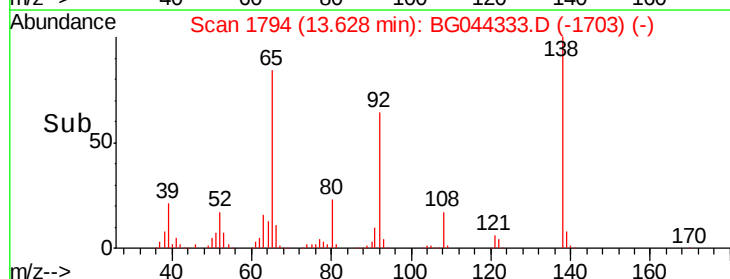
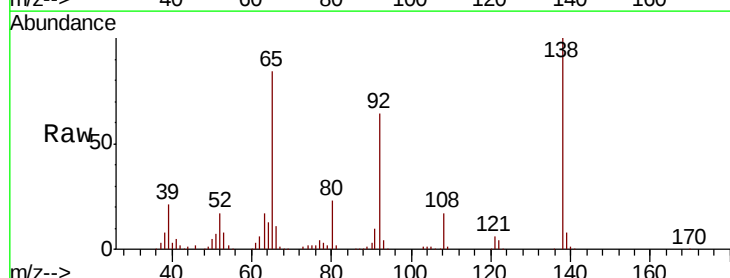
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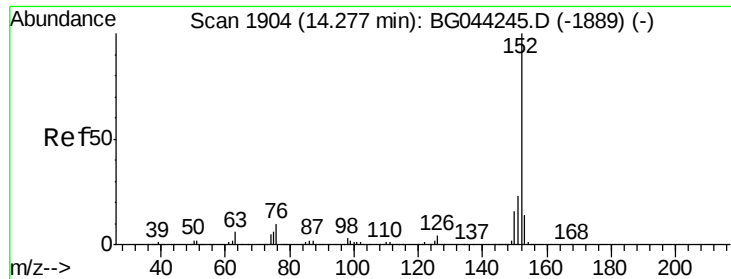
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#48
2-Nitroaniline
Concen: 40.090 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	60.3	90.5
138	118.7	91.9	137.9





#49

Acenaphthylene

Concen: 43.725 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

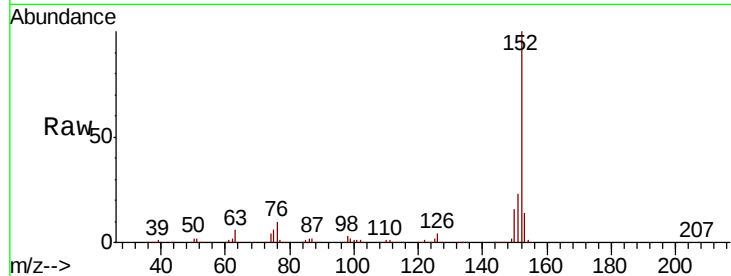
ClientSampleId :

PB126601BSD

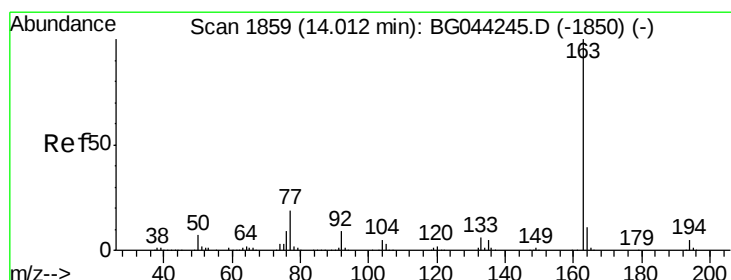
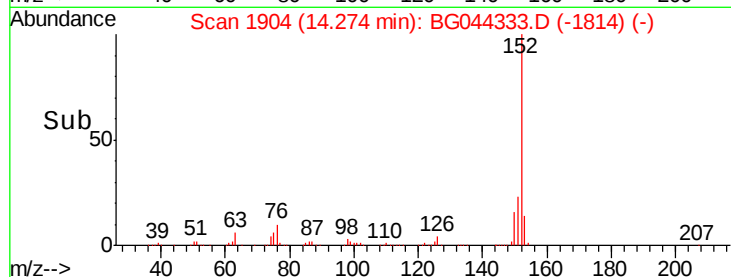
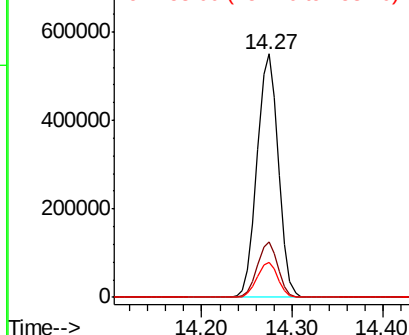
Tot Ion	Ratio	Lower	Upper
152	100		
151	22.8	18.1	27.1
153	14.4	11.5	17.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.438 ng

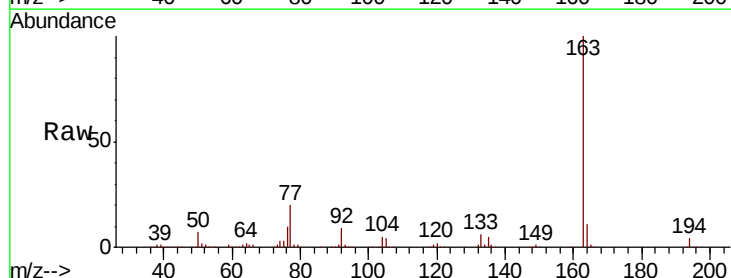
RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

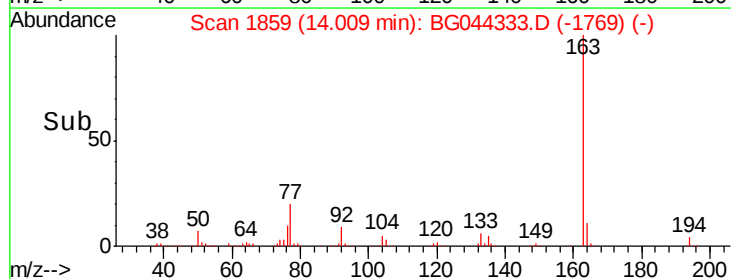
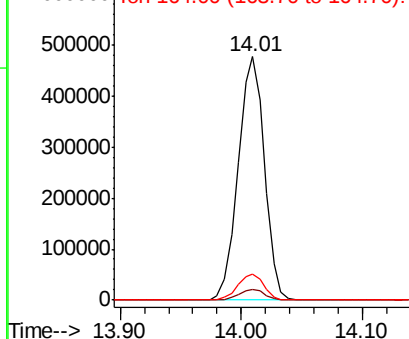
Lab File: BG044333.D

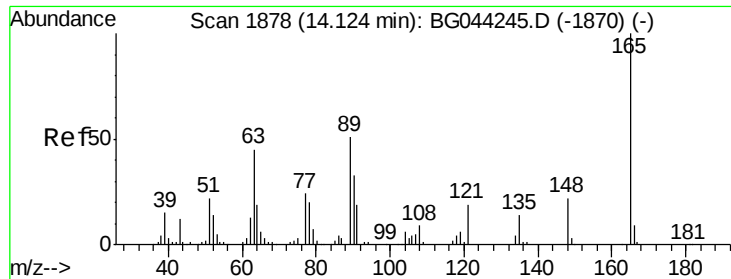
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.9	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





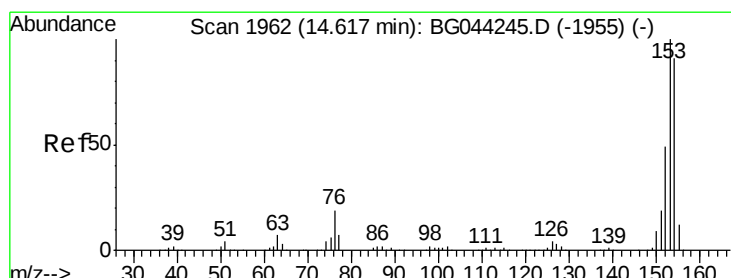
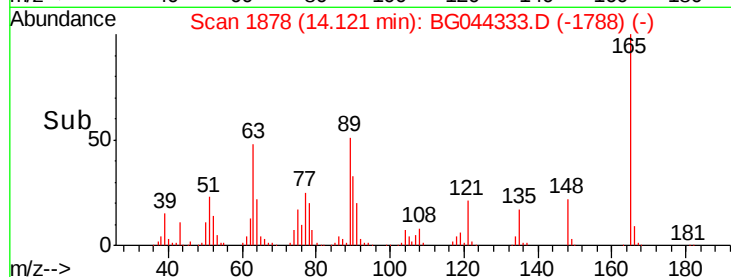
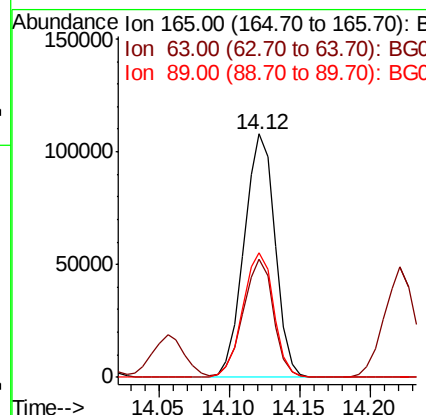
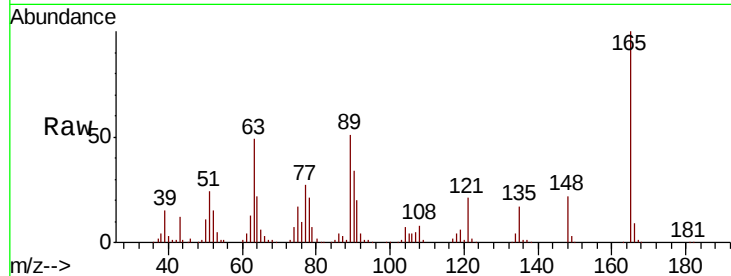
#51
2,6-Dinitrotoluene
Concen: 42.520 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	165533		
63	48.6		38.7	58.1
89	51.4		40.4	60.6

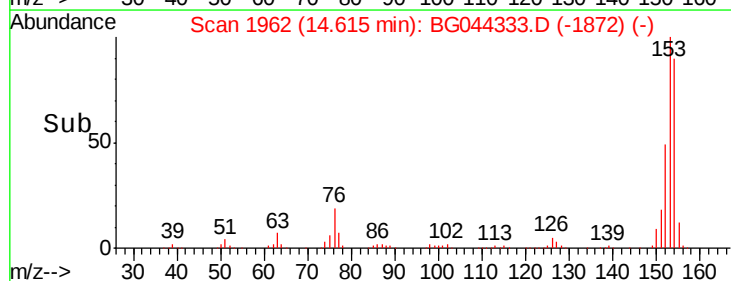
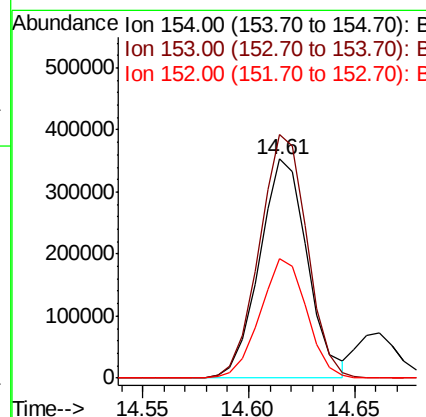
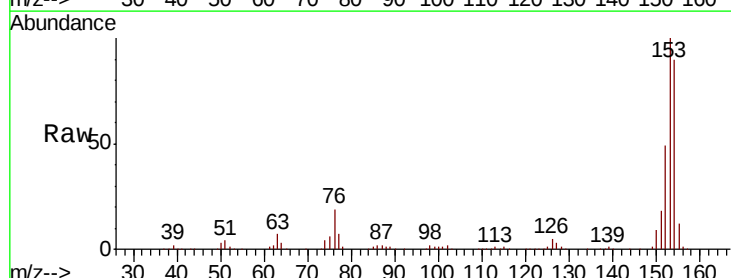
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#52
Acenaphthene
Concen: 42.009 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	556814		
153	111.0		87.9	131.9
152	54.3		43.1	64.7





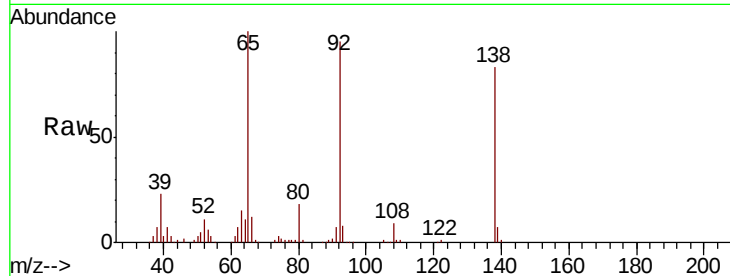
#53
 3-Nitroaniline
 Concen: 26.157 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.9	11.9
92	114.1	91.0	136.4

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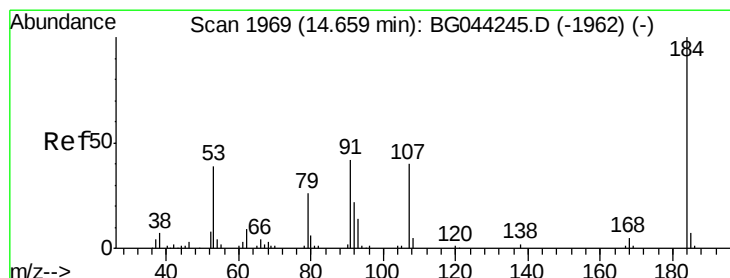
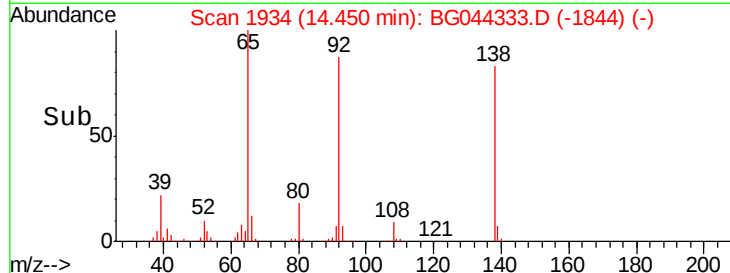
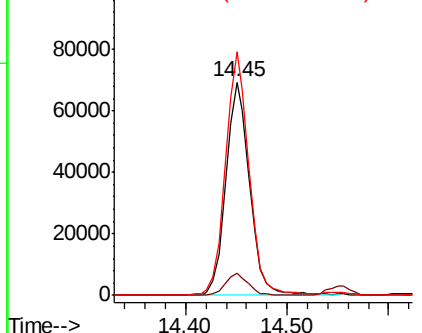


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
 2,4-Dinitrophenol
 Concen: 86.192 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

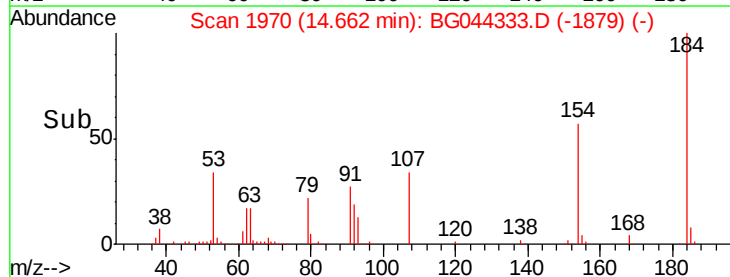
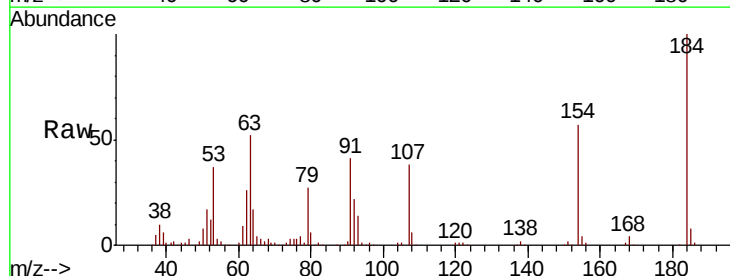
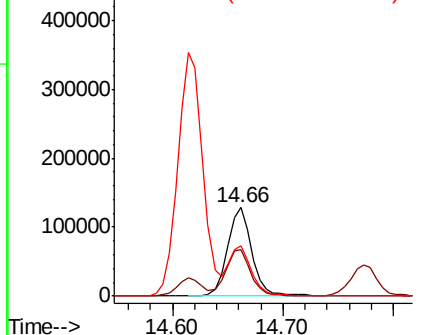
Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.9	44.1	66.1
154	56.8	45.4	68.0

Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





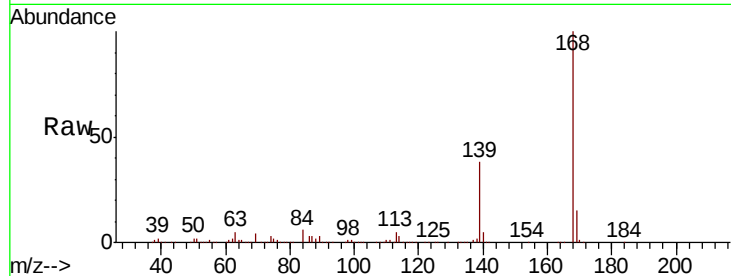
#55
Dibenzenofuran
Concen: 42.400 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.5	45.7
169	14.9	11.7	17.5

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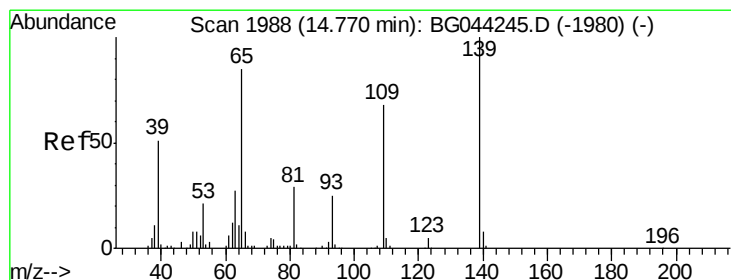
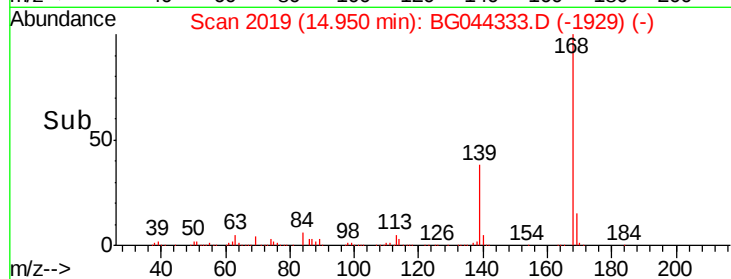
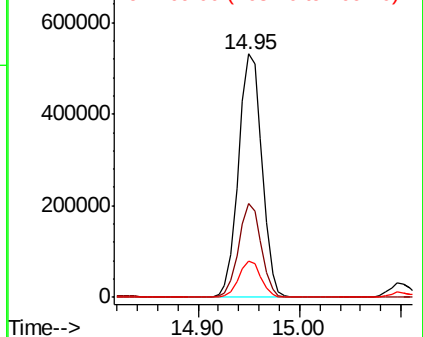


Abundance

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: 97.939 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

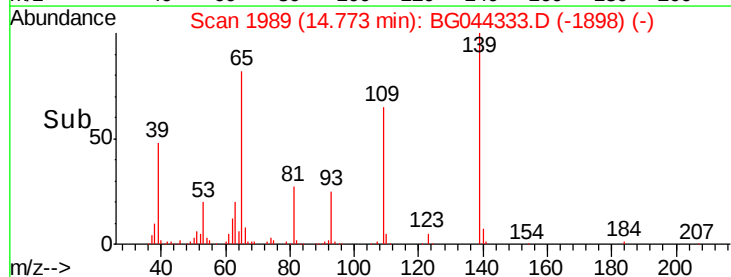
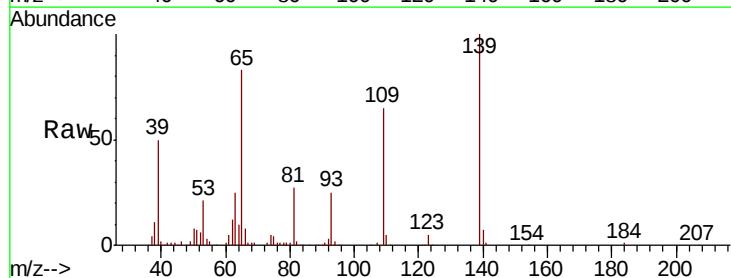
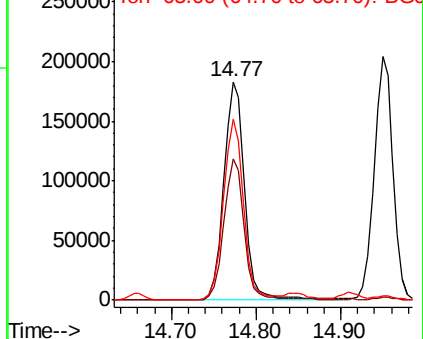
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	47.5	87.5
65	82.7	64.9	104.9

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): BGC





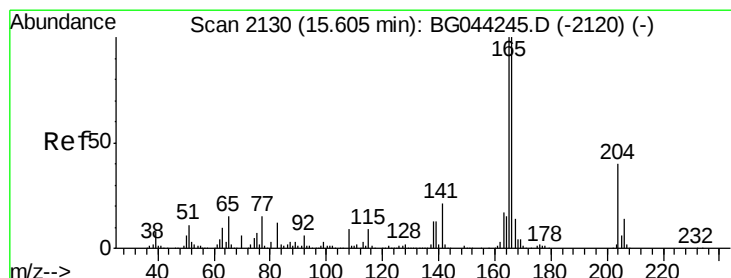
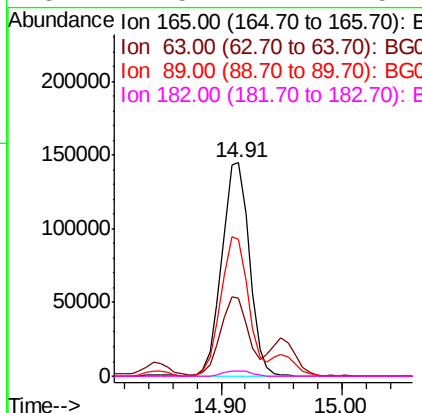
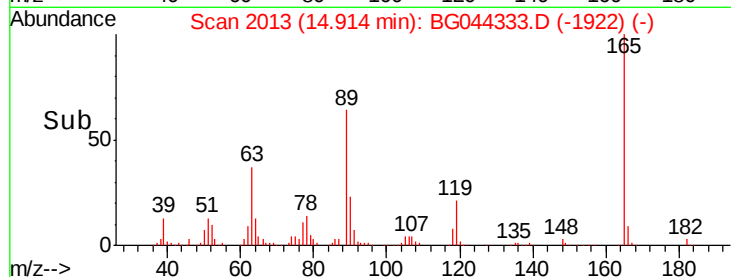
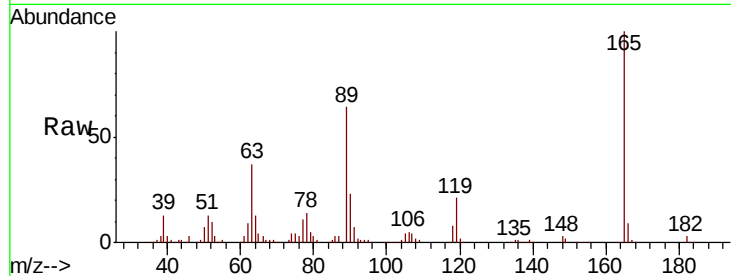
#57
2,4-Dinitrotoluene
Concen: 42.016 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	36.7	30.3	45.5
89	63.9	53.4	80.2
182	2.5	2.1	3.1

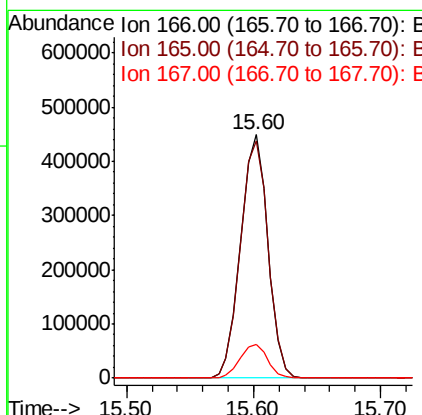
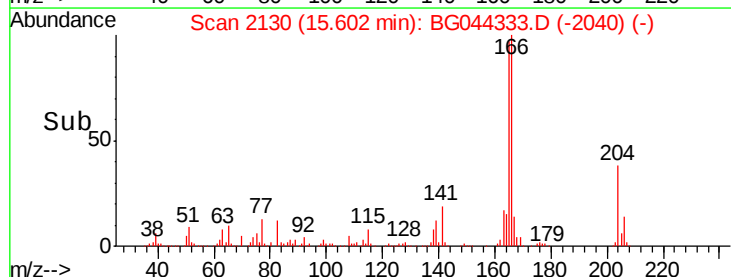
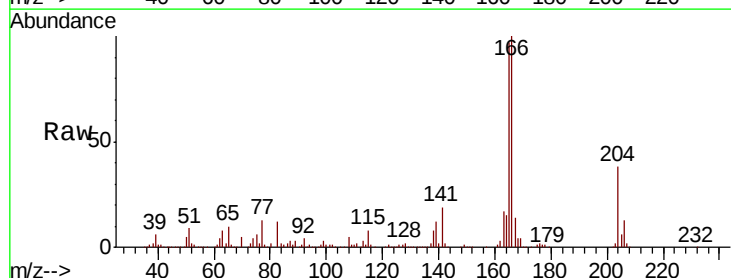
Manual Integrations
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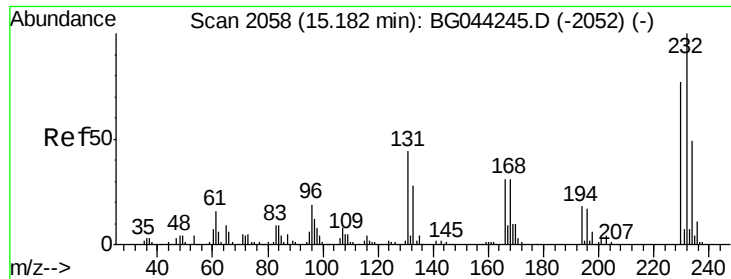
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#58
Fluorene
Concen: 42.314 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.2	79.9	119.9
167	14.0	11.4	17.0





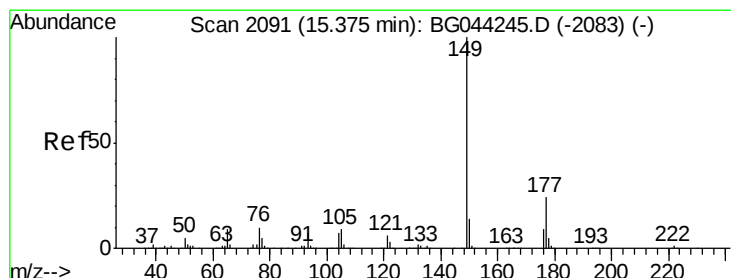
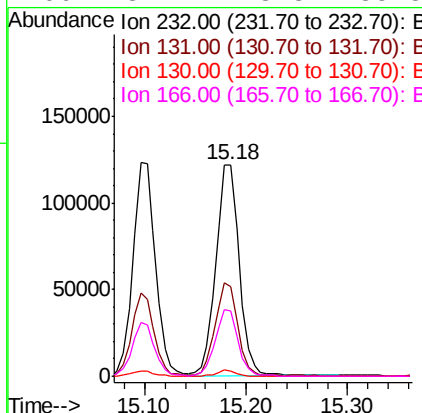
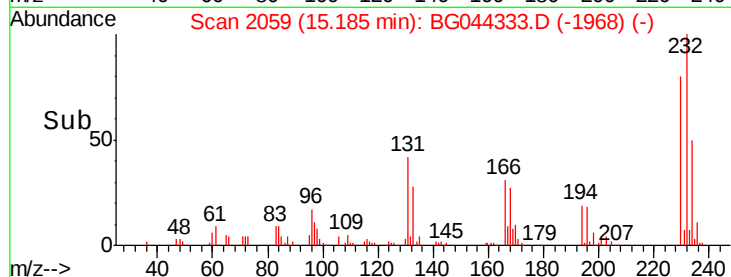
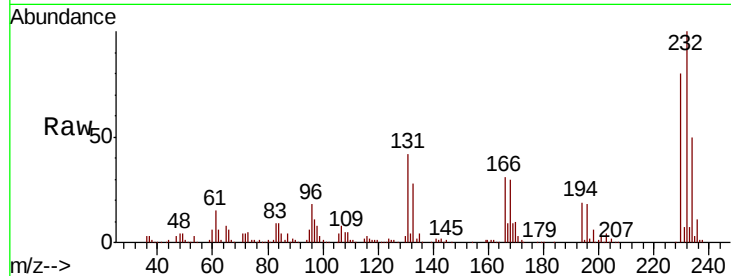
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.922 ng
RT: 15.18 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.2	51.4
130	2.5	1.8	2.8
166	31.2	23.8	35.8

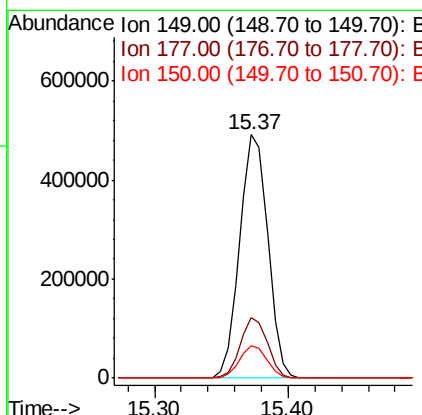
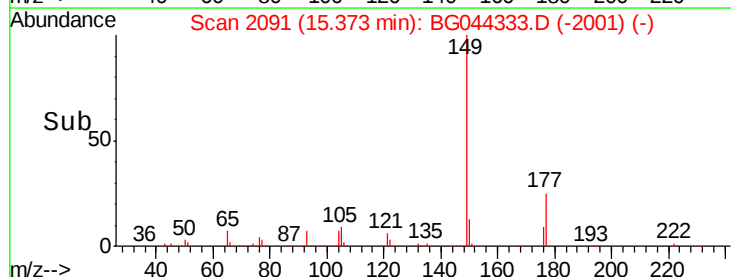
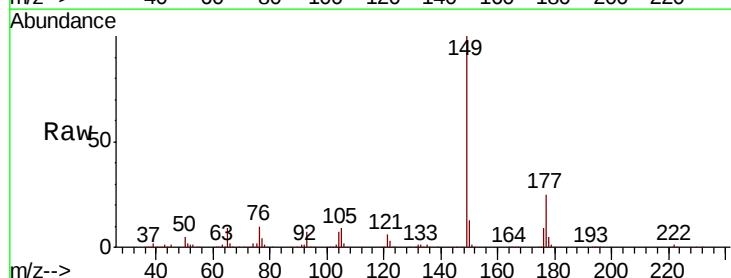
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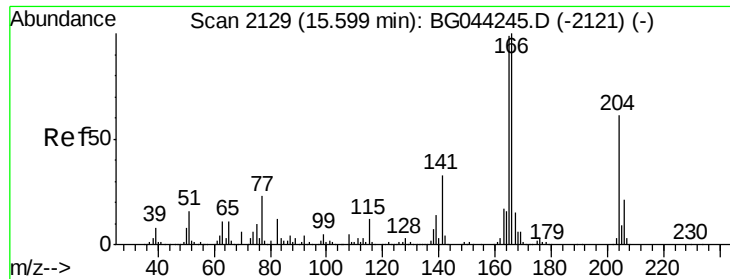
mohammad
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#60
Diethylphthalate
Concen: 41.240 ng
RT: 15.37 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.0
150	13.3	10.9	16.3





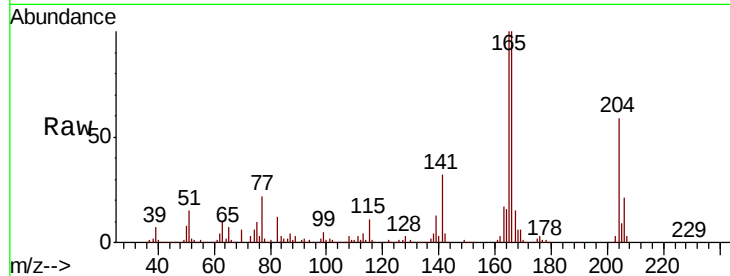
#61
4-Chlorophenyl-phenylether
Concen: 41.022 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.1	27.6	41.4
141	53.5	43.4	65.0

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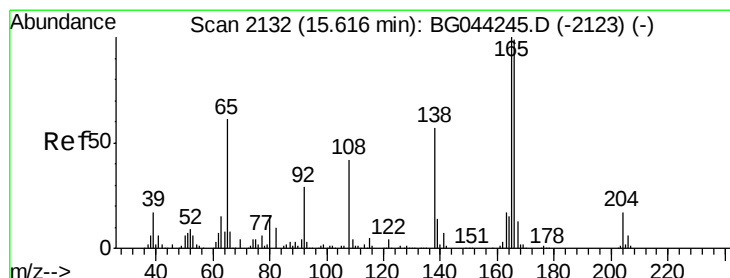
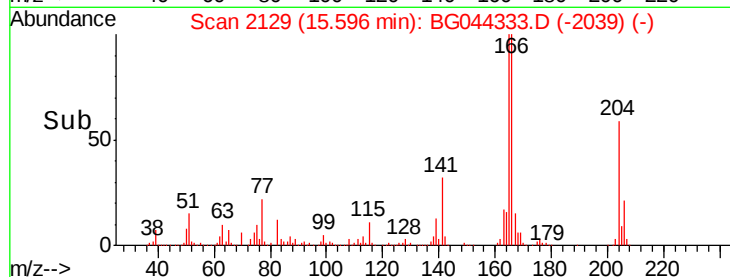
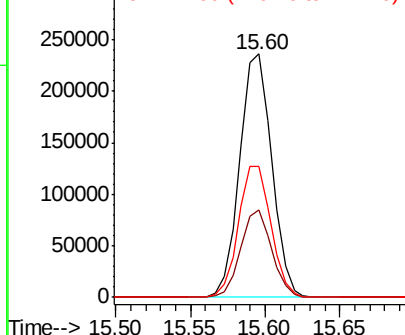


Abundance

Ion 204.00 (203.70 to 204.70): E

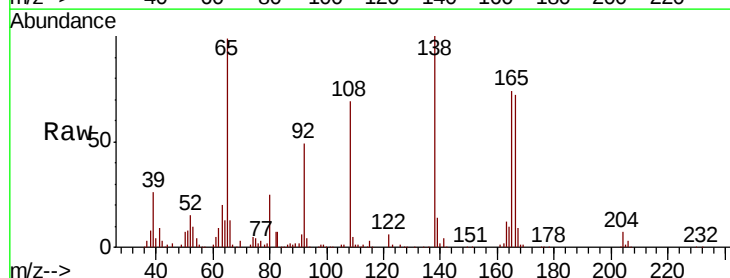
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.042 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	31.3	71.3
108	69.5	52.6	92.6

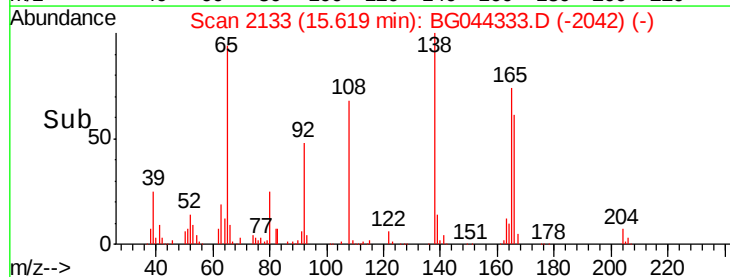
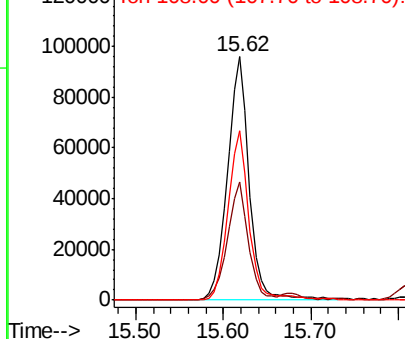


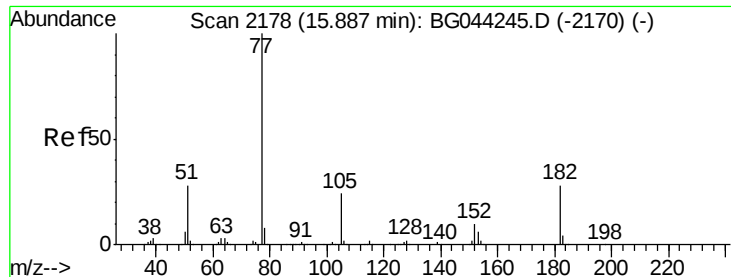
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





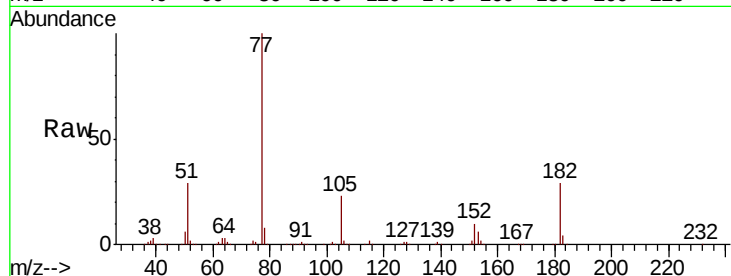
#63
Azobenzene
Concen: 41.918 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

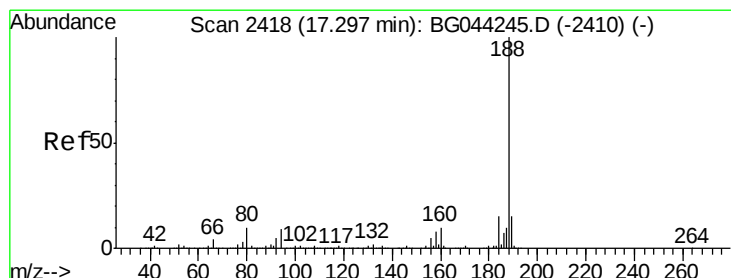
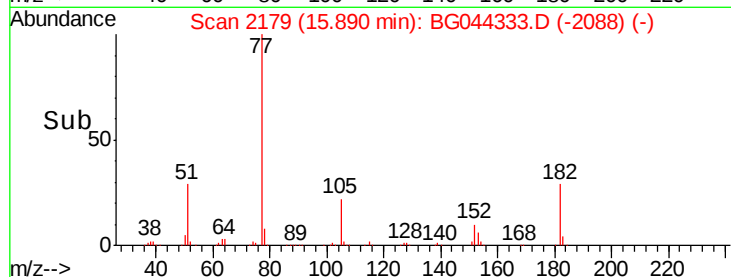
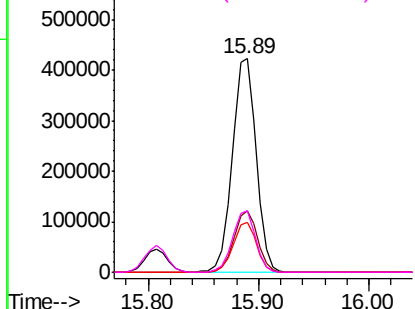
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.2	48.2
105	23.3	3.6	43.6
51	28.9	8.3	48.3

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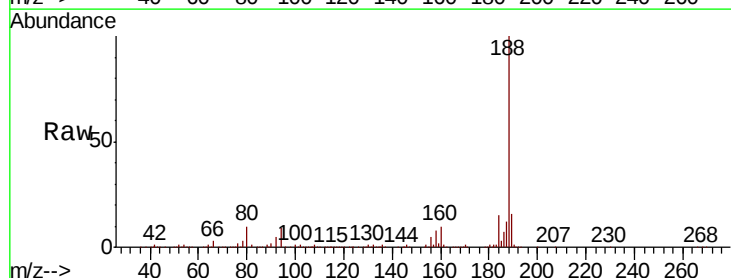


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

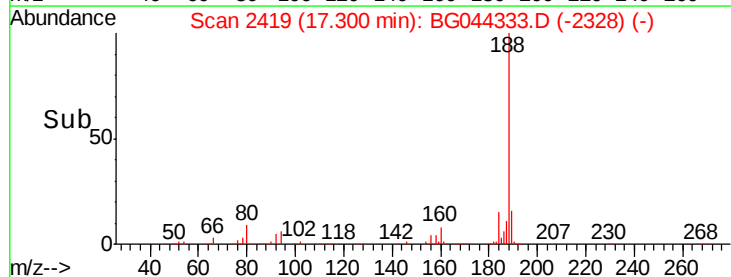
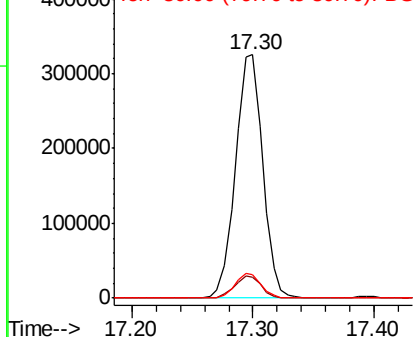


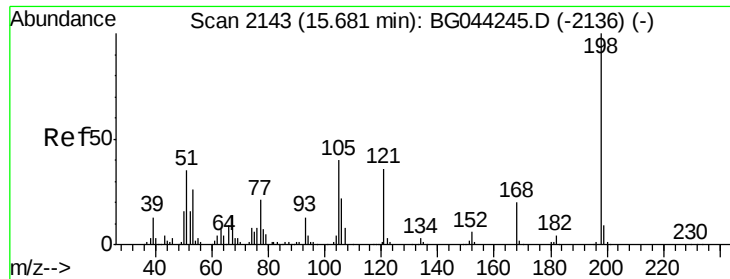
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.6	7.7	11.5



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





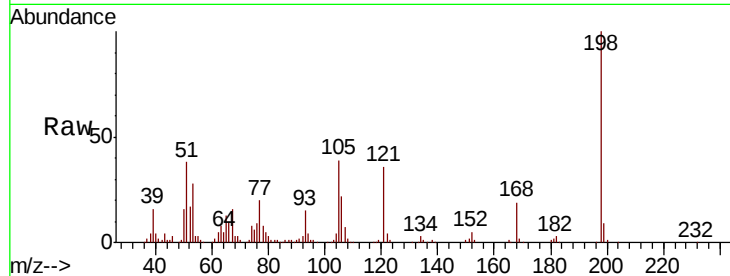
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.428 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	142625		
51	38.0		16.6	56.6
105	39.3		20.6	60.6

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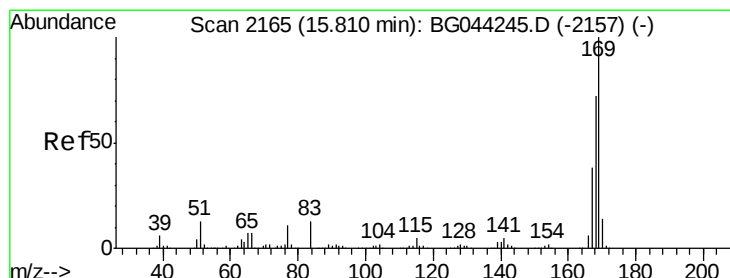
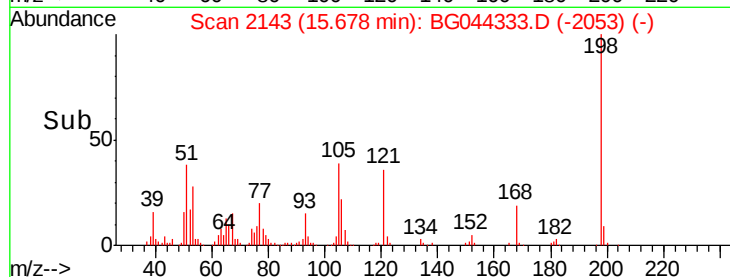
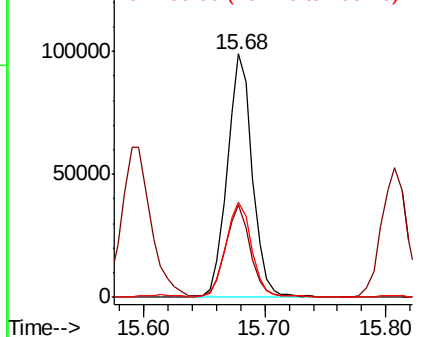


Abundance

Ion 198.00 (197.70 to 198.70): E

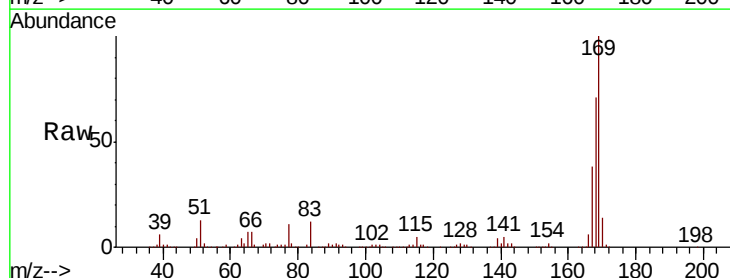
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 43.464 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	624098		
168	71.4		57.9	86.9
167	38.3		30.7	46.1

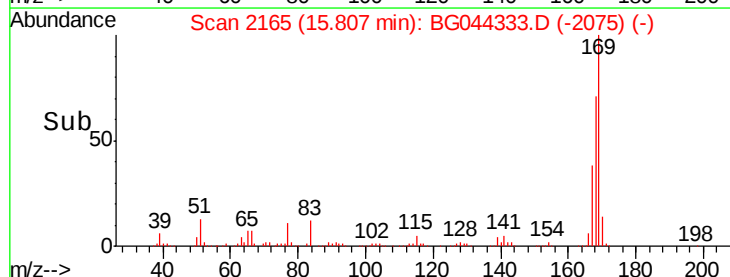
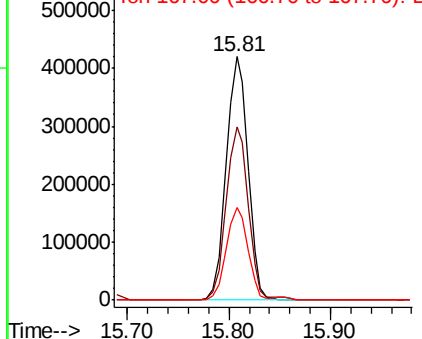


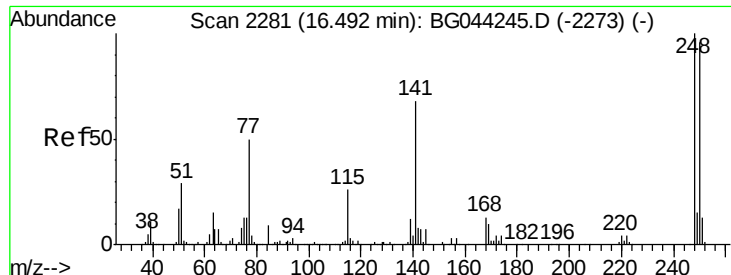
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.154 ng

RT: 16.49 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

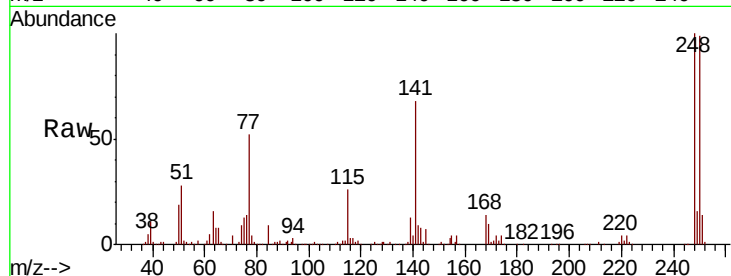
ClientSampleId :

PB126601BSD

Tot Ion:	248	Resp:	229731
Ion Ratio	Lower	Upper	
248	100		
250	98.9	76.6	114.8
141	68.4	54.7	82.1

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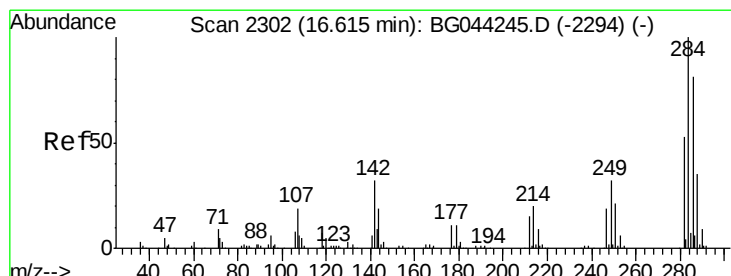
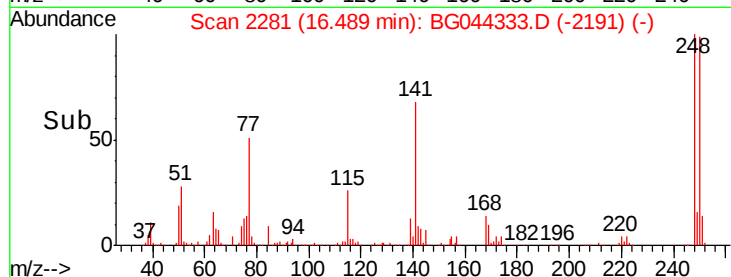
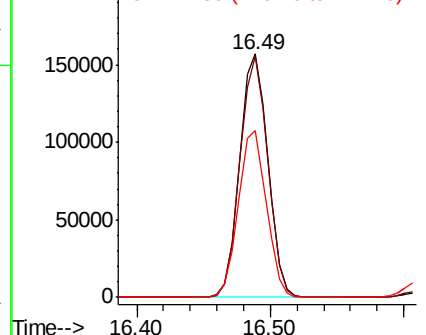


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.117 ng

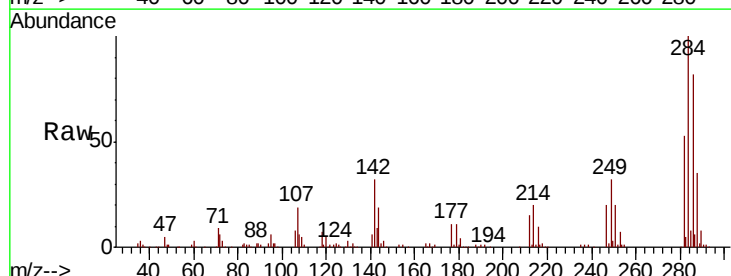
RT: 16.61 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Tgt Ion:	284	Resp:	250891
Ion Ratio	Lower	Upper	
284	100		
142	32.0	25.3	37.9
249	32.0	25.5	38.3

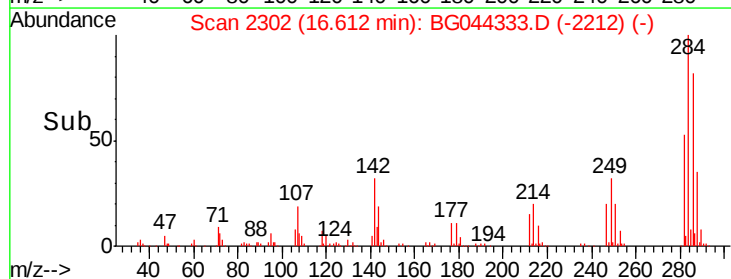
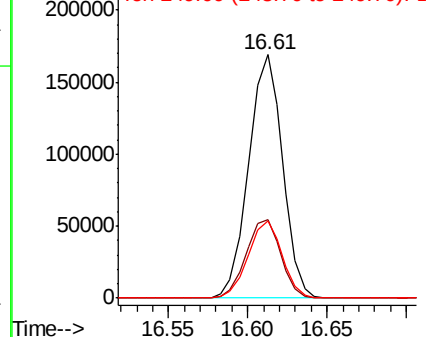


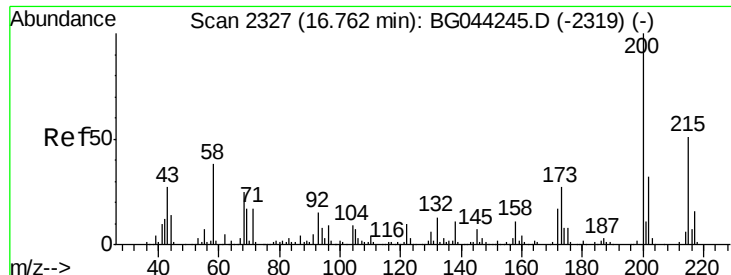
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





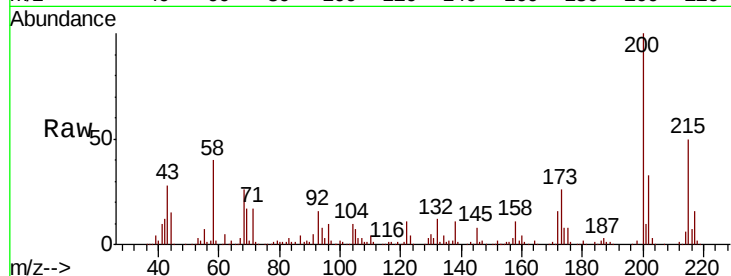
#69
 Atrazine
 Concen: 47.776 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	6.6	46.6
215	50.1	31.0	71.0

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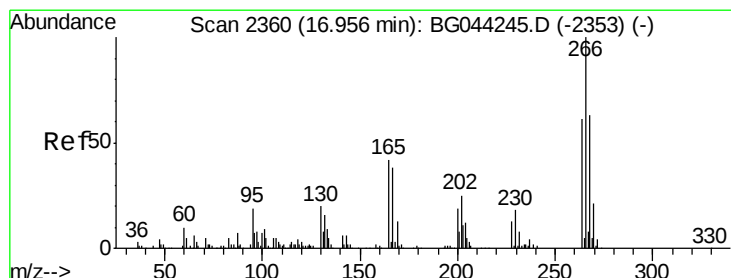
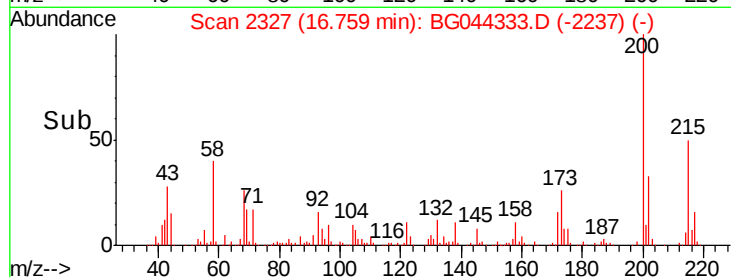
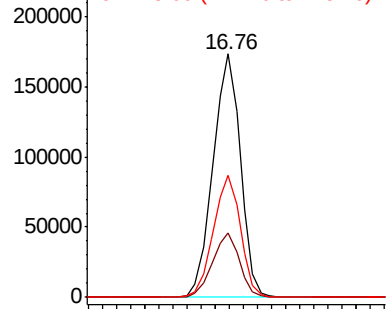


Abundance

Ion 200.00 (199.70 to 200.70): E

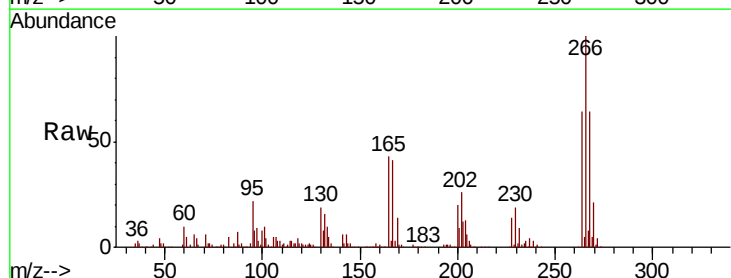
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 90.265 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	50.6	75.8
264	64.0	48.7	73.1

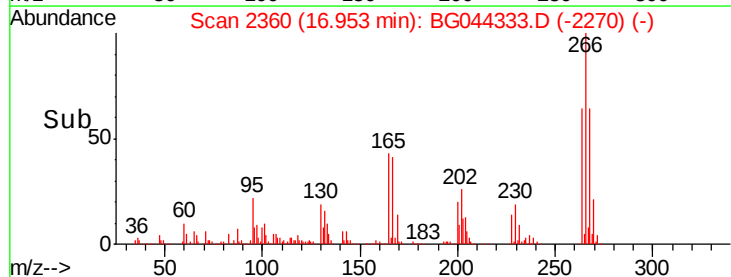
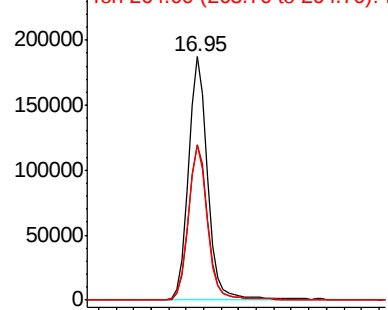


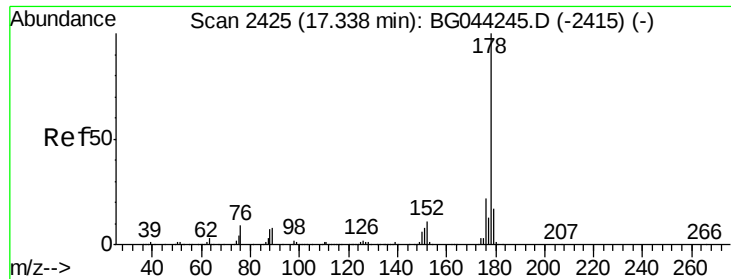
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





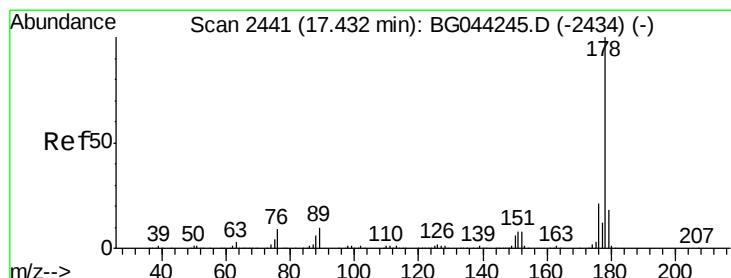
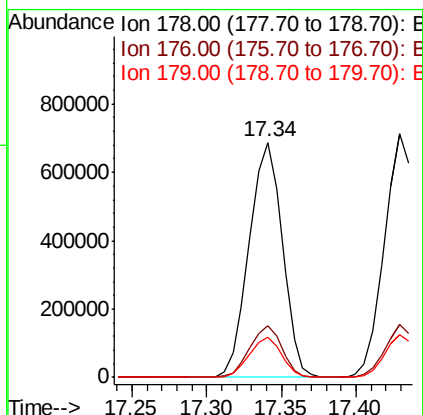
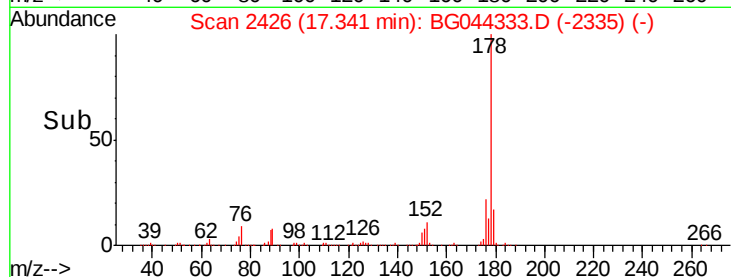
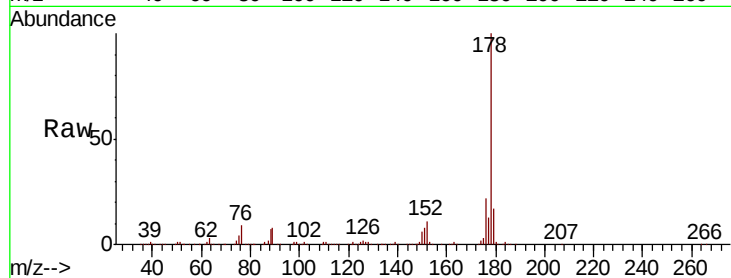
#71
Phenanthrene
Concen: 42.652 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:178 Resp: 1058235
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.3 13.7 20.5

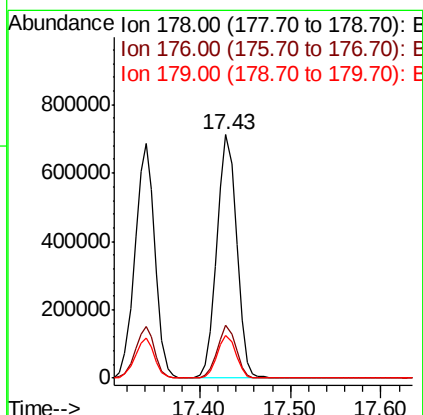
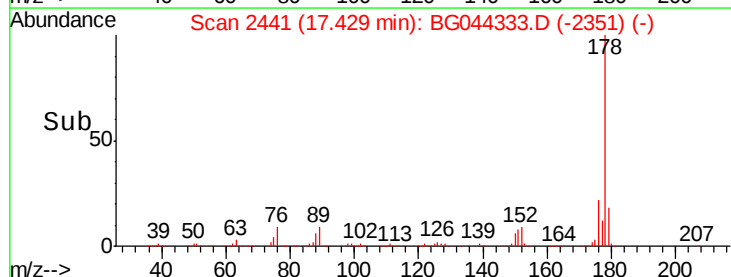
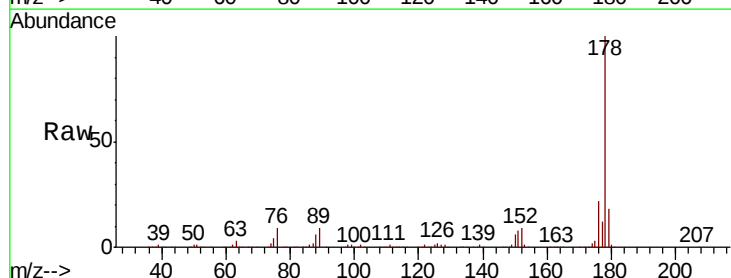
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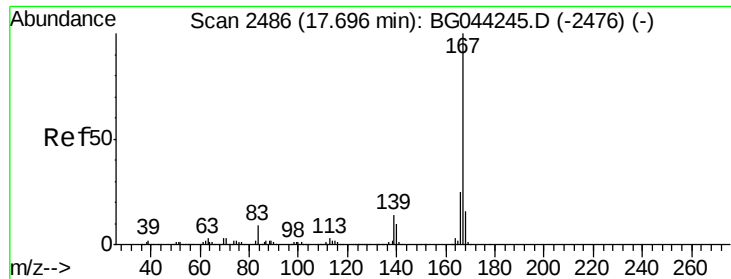
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#72
Anthracene
Concen: 43.895 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion:178 Resp: 1076726
Ion Ratio Lower Upper
178 100
176 21.9 17.0 25.4
179 17.7 14.4 21.6





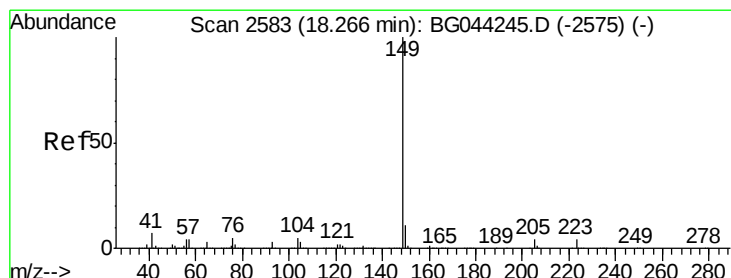
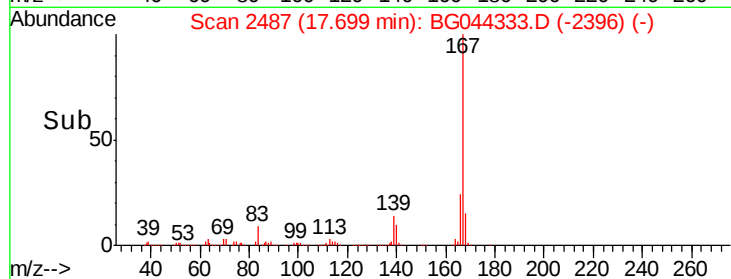
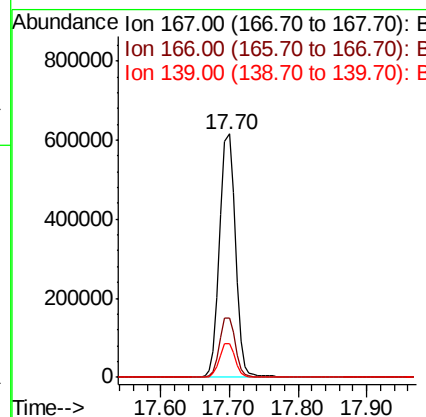
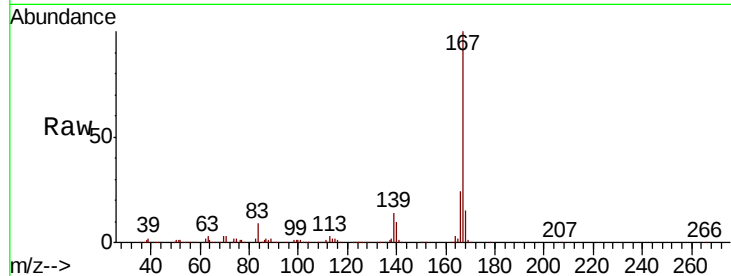
#73
 Carbazole
 Concen: 43.662 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:	167	Resp:	987327
Ion Ratio	Lower	Upper	
167	100		
166	24.2	19.8	29.6
139	13.9	11.1	16.7

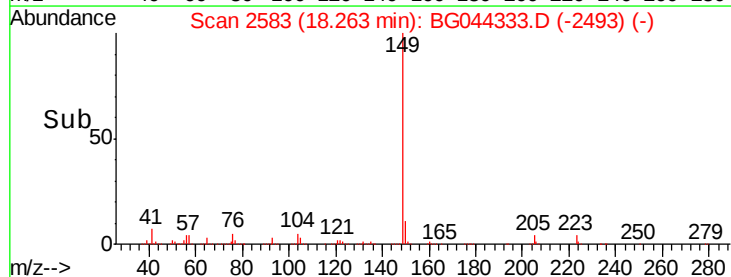
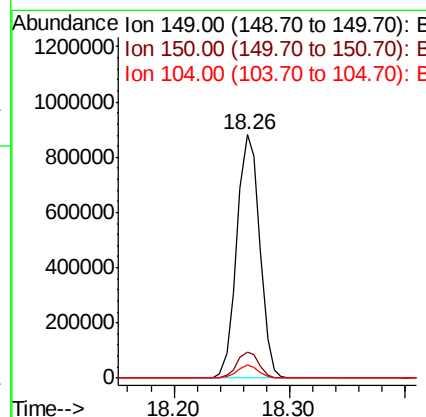
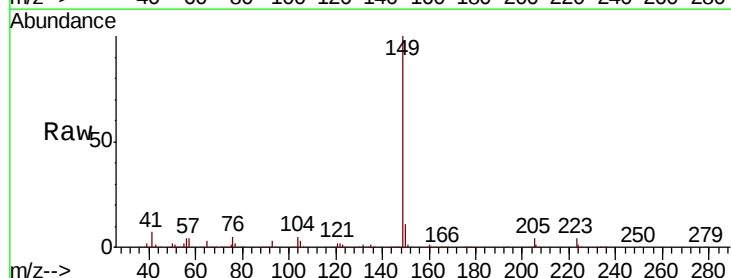
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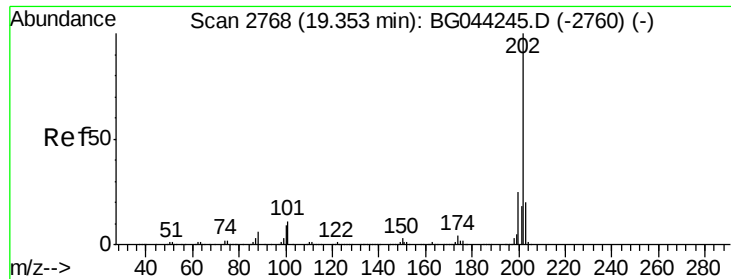
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#74
 Di-n-butylphthalate
 Concen: 43.263 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion:	149	Resp:	1208959
Ion Ratio	Lower	Upper	
149	100		
150	10.7	8.7	13.1
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 43.169 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

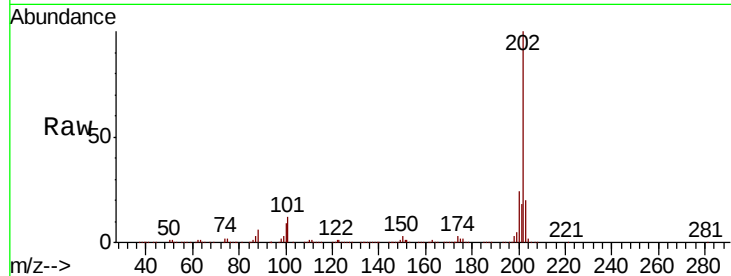
ClientSampleId :

PB126601BSD

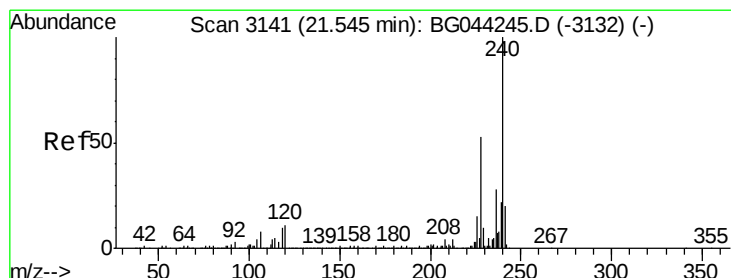
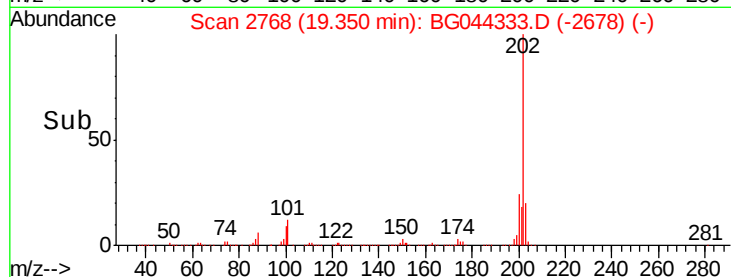
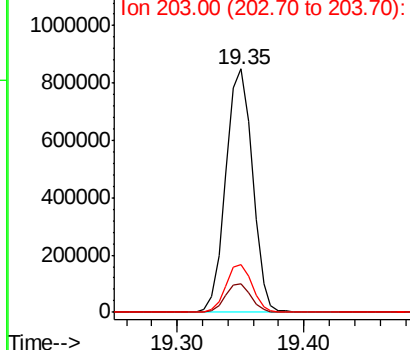
Tot Ion:	202	Resp:	1239000
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.3
203	19.9	0.0	39.9

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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

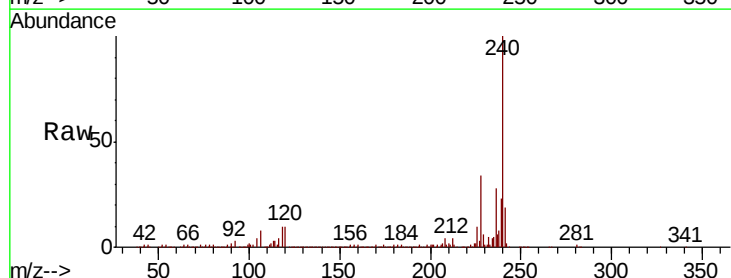
RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

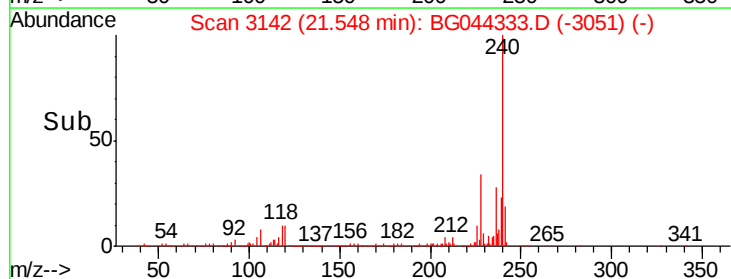
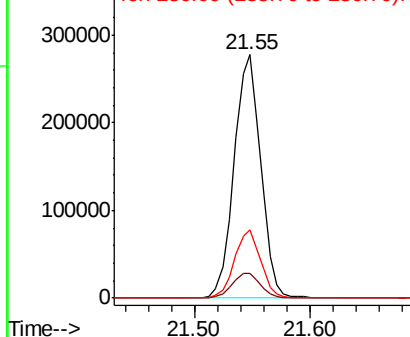
Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Tgt Ion:	240	Resp:	442019
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	28.0	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: 30.759 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

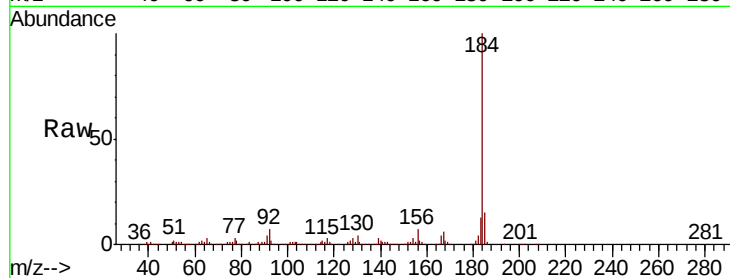
ClientSampleId :

PB126601BSD

Tot Ion:	184	Resp:	377128
Ion Ratio		Lower	Upper
184	100		
185	15.3	12.9	19.3
183	12.9	10.8	16.2

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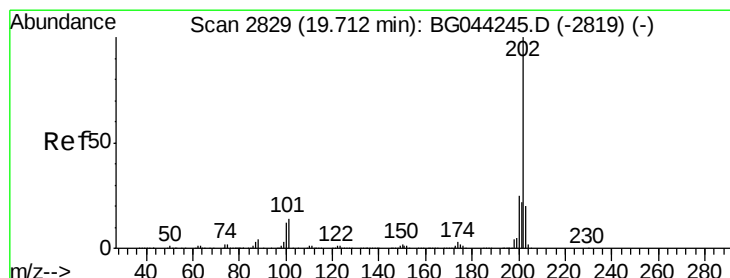
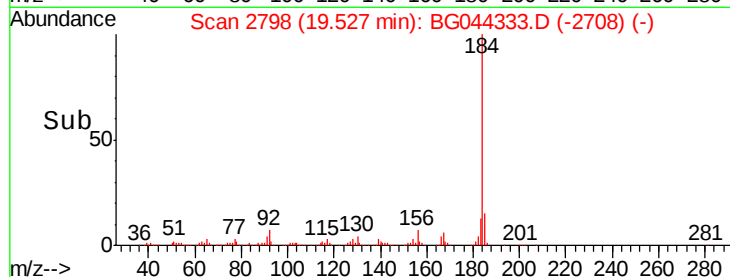
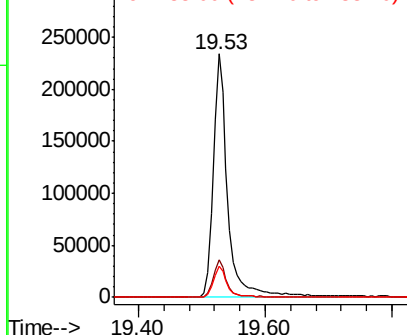


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.985 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

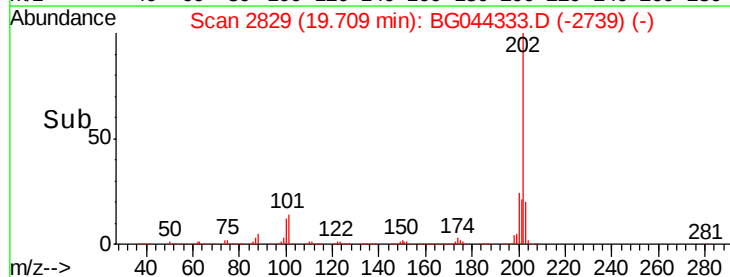
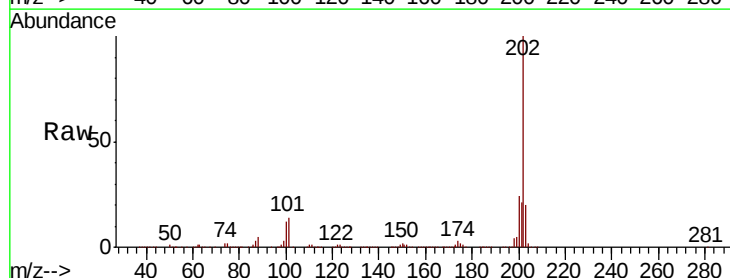
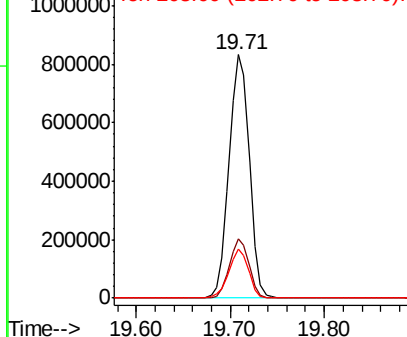
Tgt Ion:	202	Resp:	1248571
Ion Ratio		Lower	Upper
202	100		
200	24.2	20.0	30.0
203	20.3	16.2	24.2

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





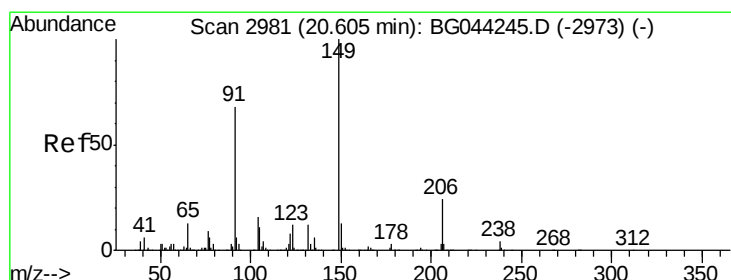
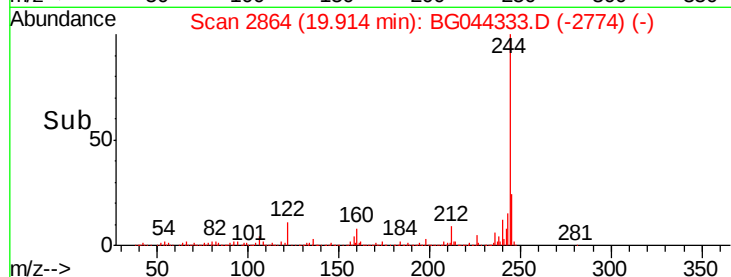
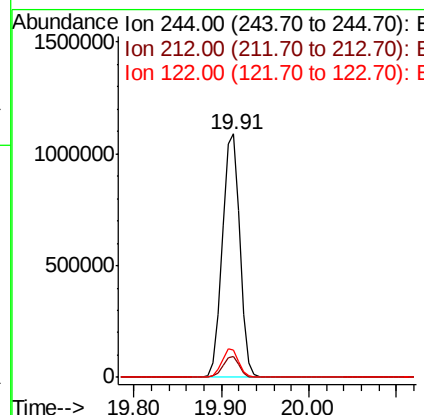
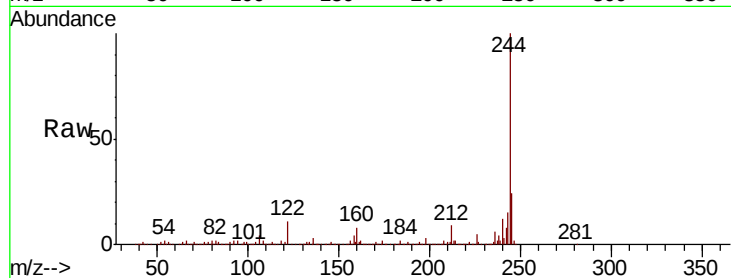
#79
 Terphenyl-d14
 Concen: 70.528 ng
 RT: 19.91 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	11.4	9.8	14.6

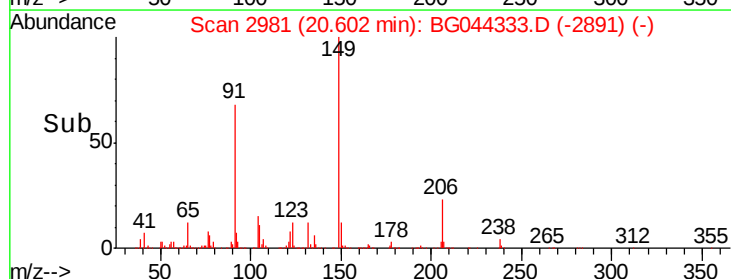
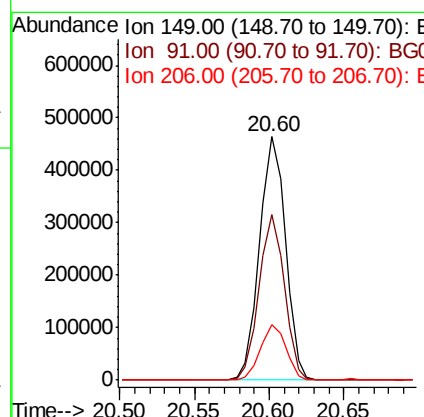
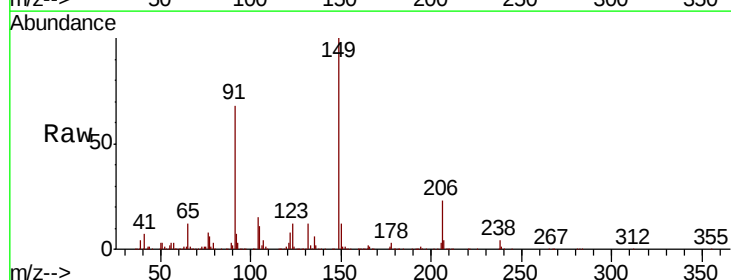
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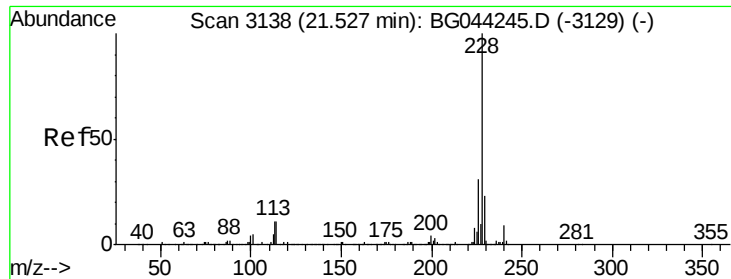
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#80
 Butylbenzylphthalate
 Concen: 42.943 ng
 RT: 20.60 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.5	81.7
206	22.8	19.1	28.7





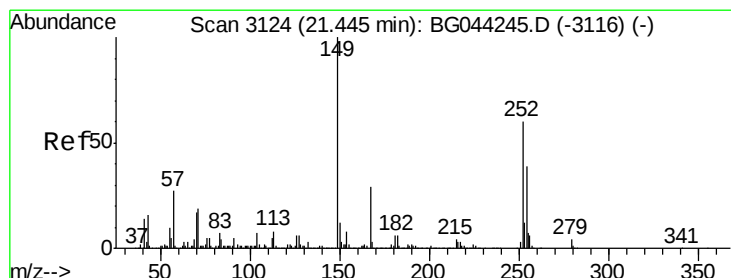
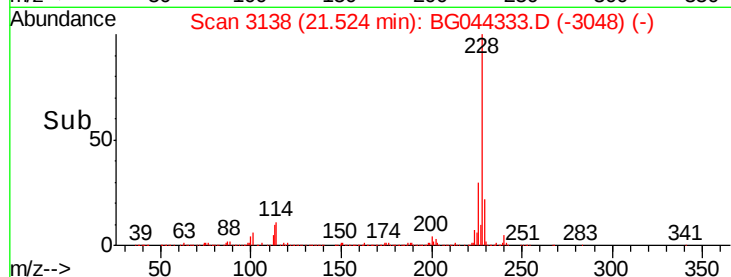
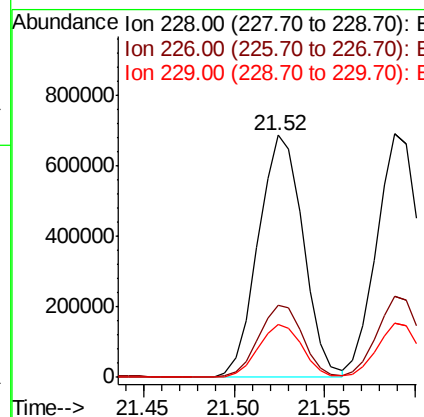
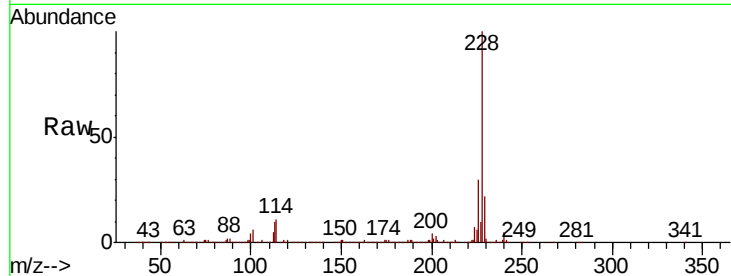
#81
Benzo(a)anthracene
Concen: 43.342 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:228 Resp: 1180719
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 22.1 18.2 27.4

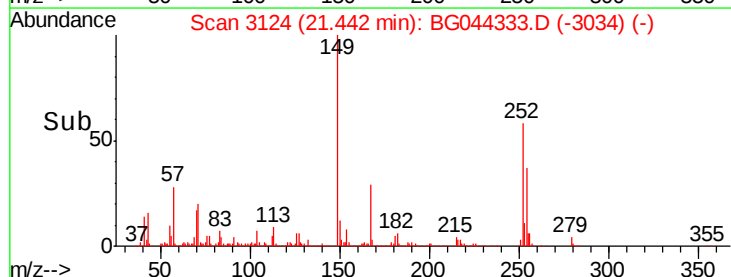
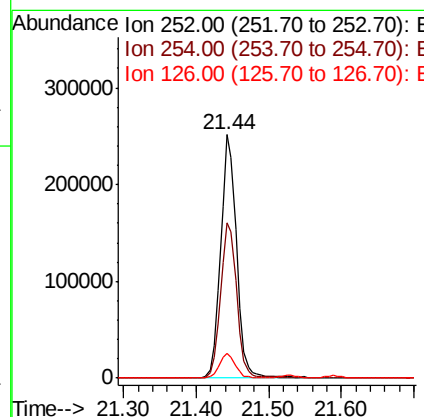
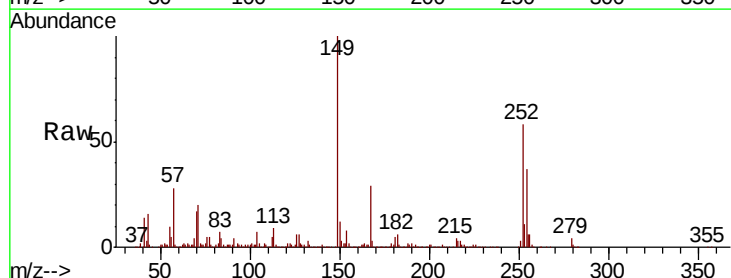
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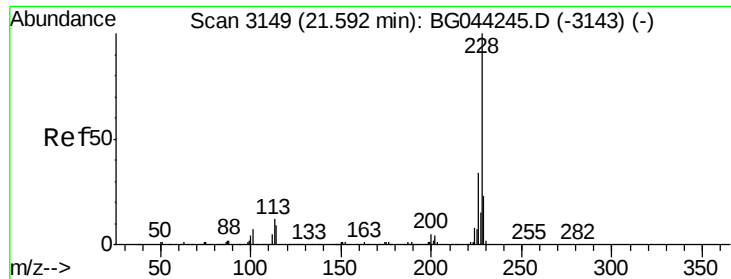
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#82
3,3'-Dichlorobenzidine
Concen: 36.306 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion:252 Resp: 383857
Ion Ratio Lower Upper
252 100
254 63.8 52.6 78.8
126 10.2 8.2 12.4





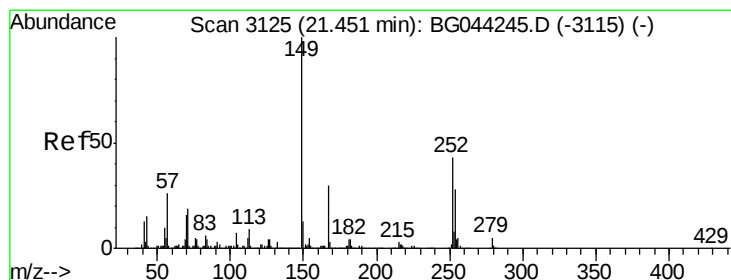
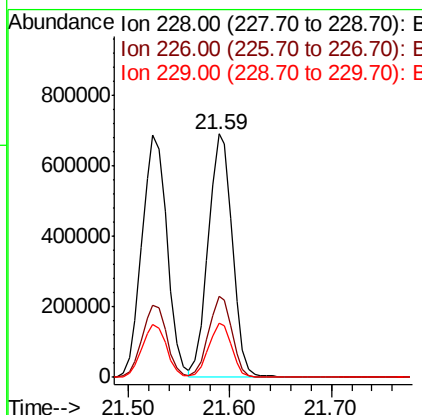
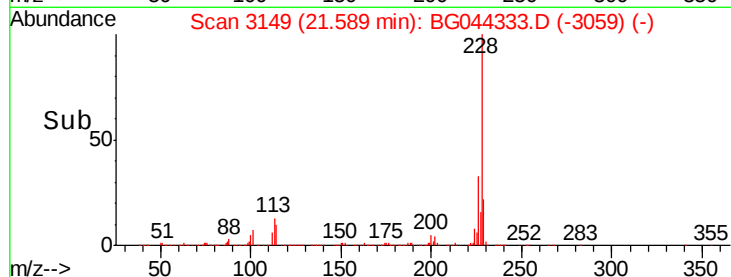
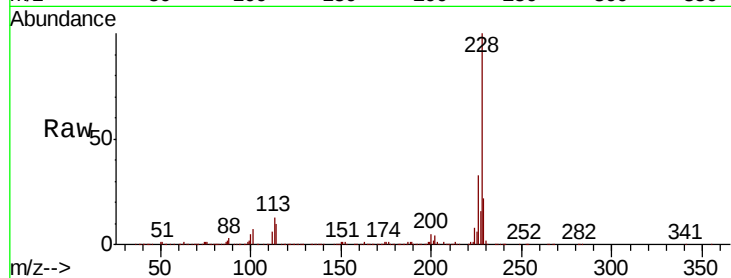
#83
 Chrvsene
 Concen: 42.920 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:228 Resp: 1130169
 Ion Ratio Lower Upper
 228 100
 226 33.2 27.1 40.7
 229 22.0 17.9 26.9

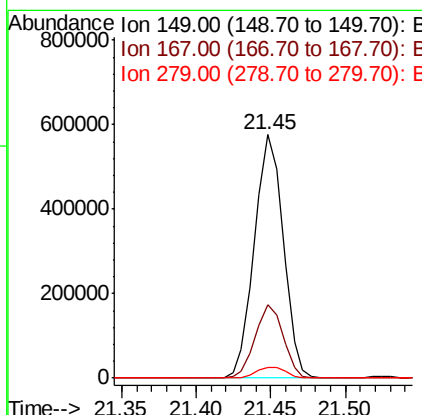
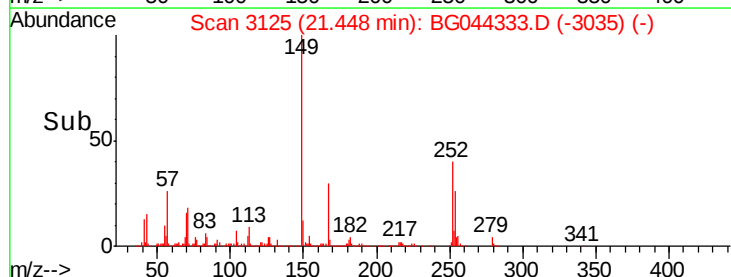
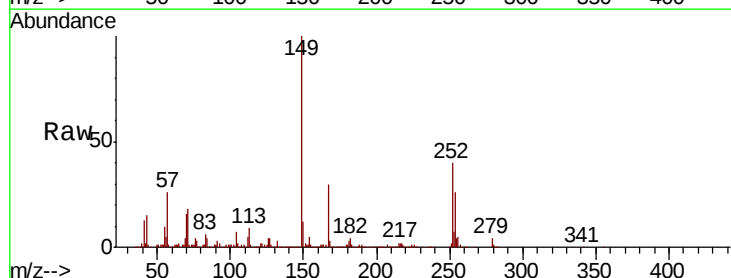
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.183 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044333.D
 Acq: 7 Feb 2020 12:13

Tgt Ion:149 Resp: 768897
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.0 36.0
 279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 43.953 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

Instrument :

BNA_G

ClientSampled :

PB126601BSD

Tot Ion:149 Resp: 1354084

Ion Ratio Lower Upper

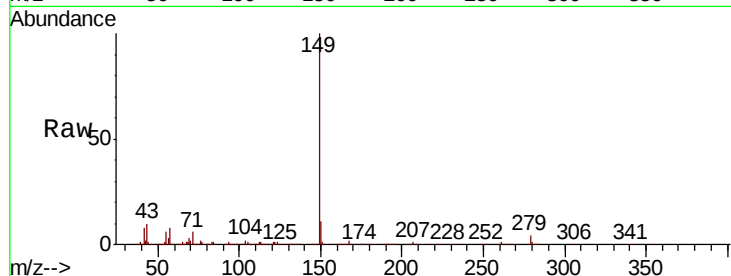
149 100

167 1.7 1.3 1.9

43 9.0 7.4 11.0

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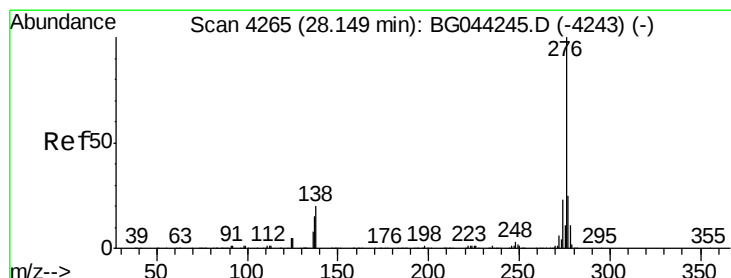
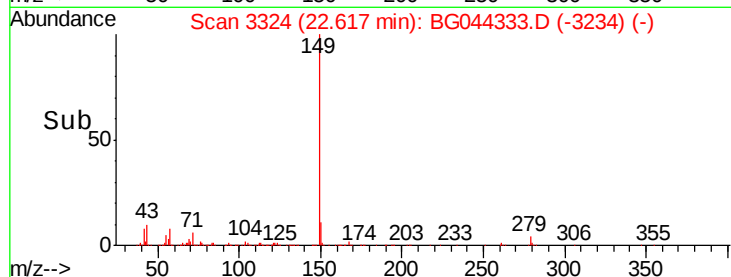
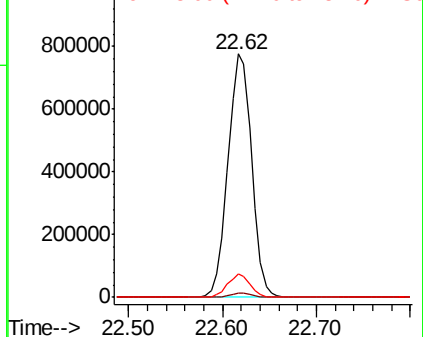
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.559 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.00 min

Lab File: BG044333.D

Acq: 7 Feb 2020 12:13

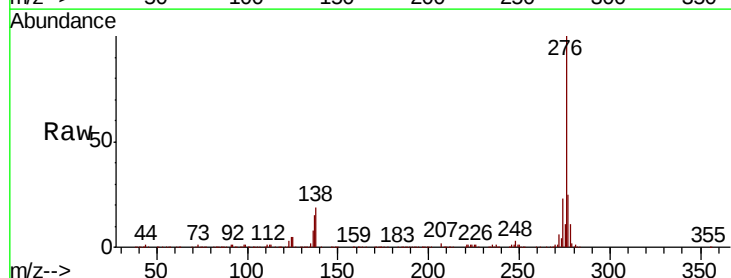
Tgt Ion:276 Resp: 1427716

Ion Ratio Lower Upper

276 100

138 24.8 19.4 29.0

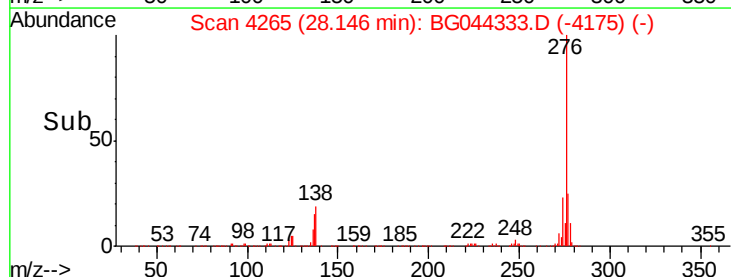
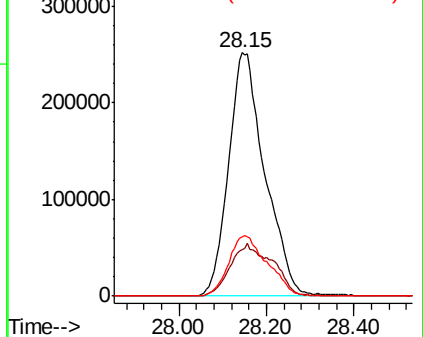
277 26.4 21.0 31.6

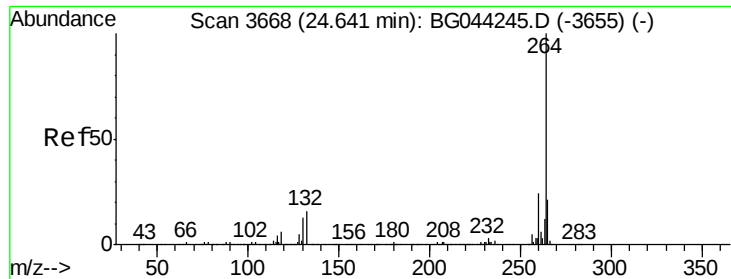


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





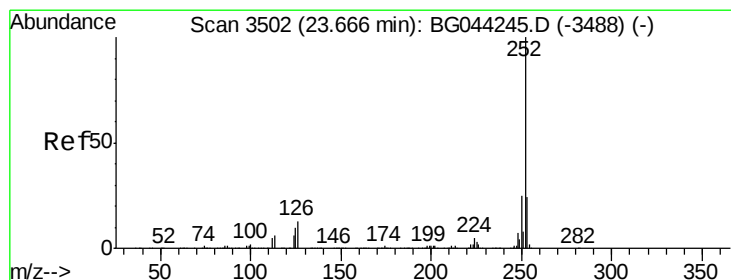
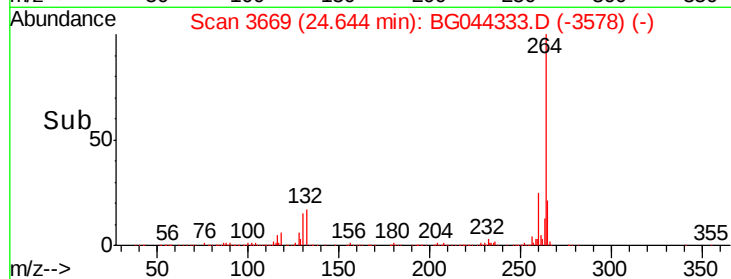
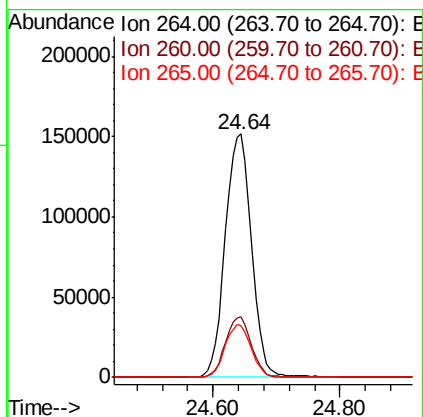
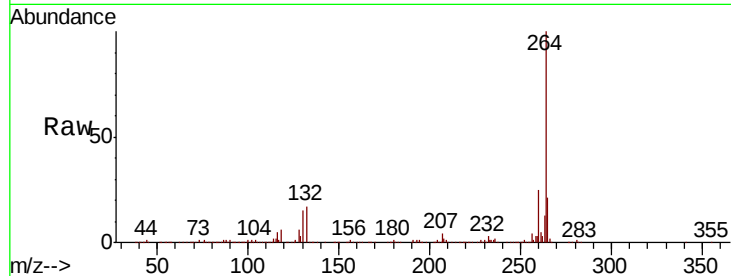
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.4	16.7	25.1

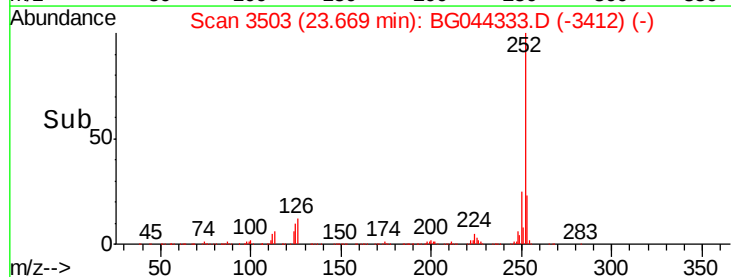
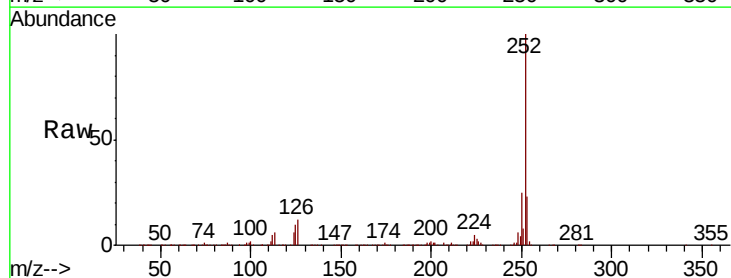
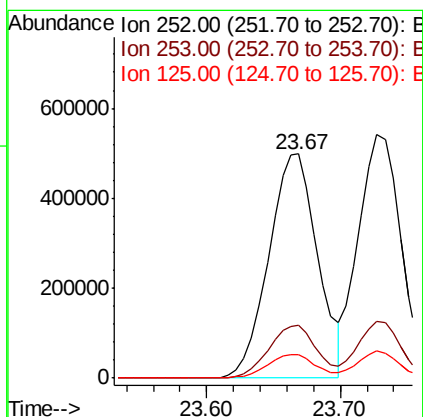
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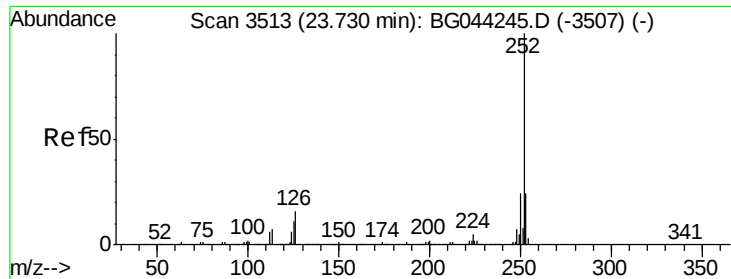
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#88
Benzo(b)fluoranthene
Concen: 50.919 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	10.4	8.4	12.6





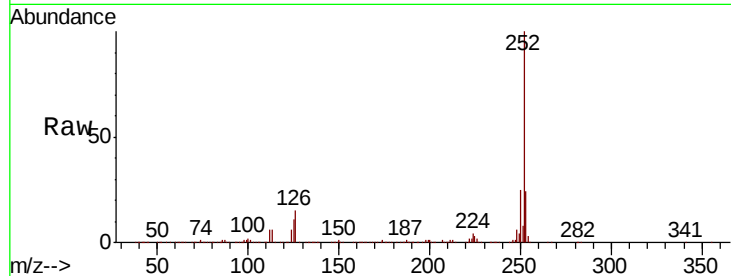
#89
Benzo(k)fluoranthene
Concen: 49.888 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

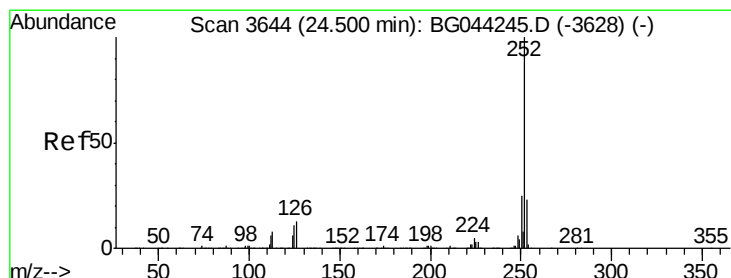
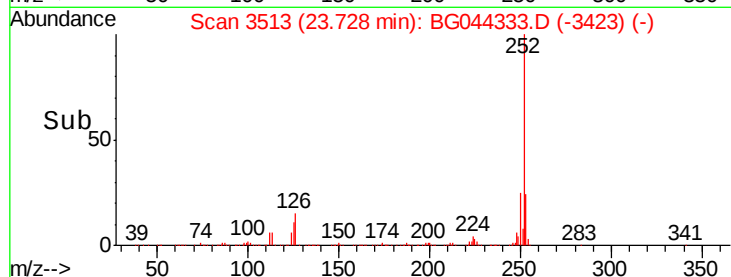
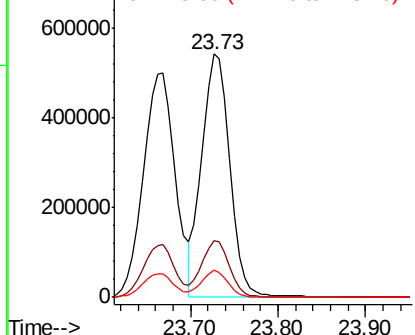
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.1	28.7
125	11.1	8.6	12.8

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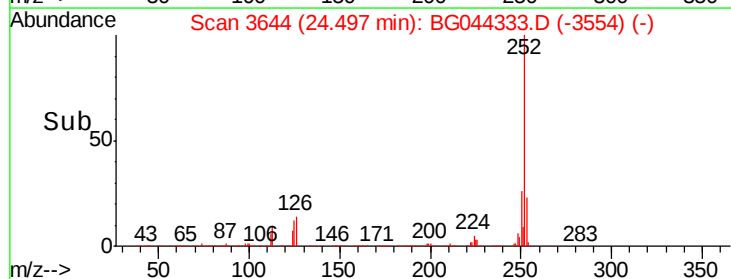
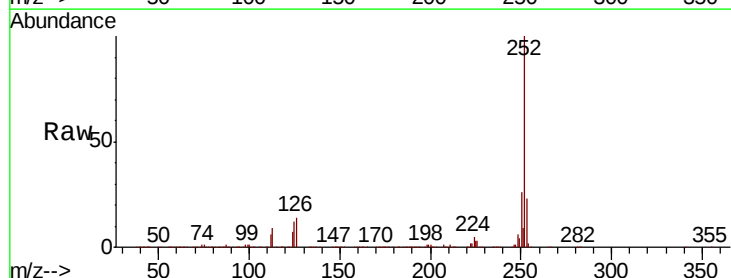
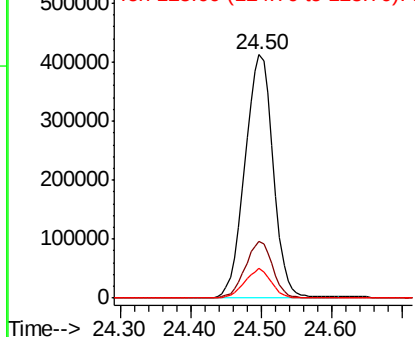
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

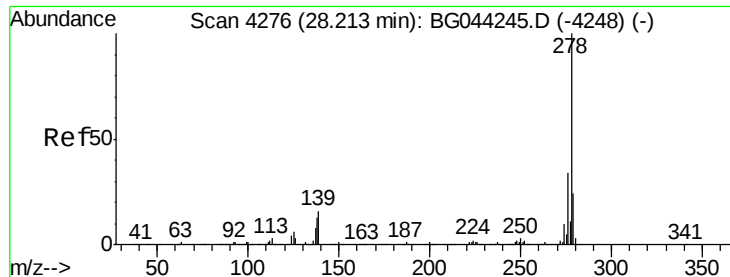


#90
Benzo(a)pyrene
Concen: 48.877 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	12.1	8.6	13.0

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





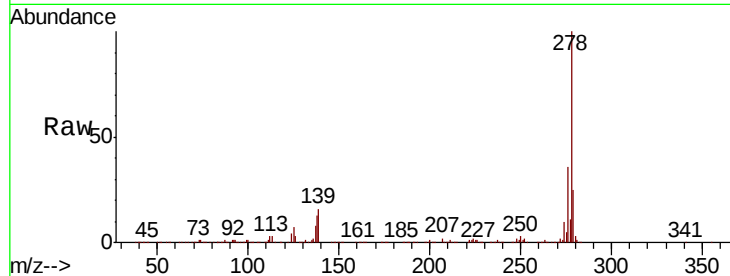
#91
Dibenzo(a,h)anthracene
Concen: 50.913 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	25.2	19.3	28.9

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2/11/2020 8:25:48 AM

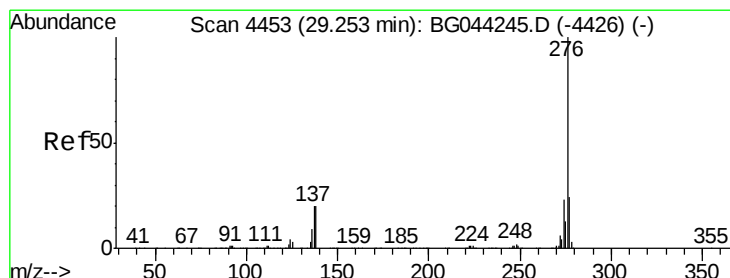
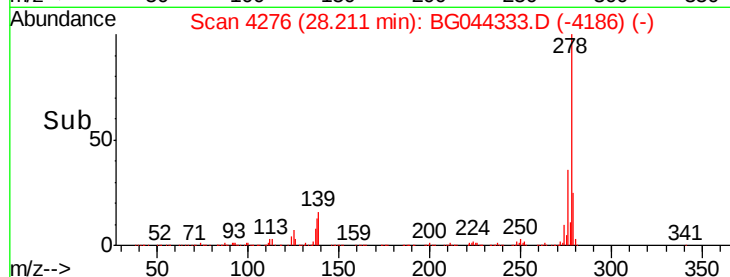
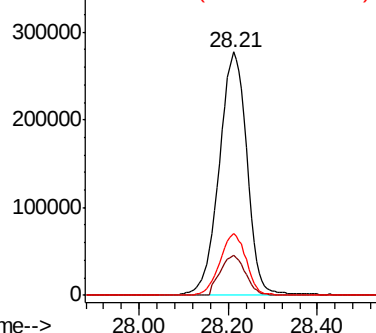


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.776 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.00 min
Lab File: BG044333.D
Acq: 7 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	21.2	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

