

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044284.D
 Acq On : 4 Feb 2020 17:17
 Operator : CG/JU
 Sample : PB126459BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

Manual Integrations
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mohammad
 2/6/2020 2:17:51 PM

Quant Time: Feb 05 04:50:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	77812	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	317347	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	218165	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	533769	20.00	ng	0.00
76) Chrysene-d12	21.55	240	489684	20.00	ng	0.00
87) Perylene-d12	24.64	264	506451	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	576200	130.69	ng	0.00
7) Phenol-d6	7.09	99	759150	128.22	ng	0.00
23) Nitrobenzene-d5	9.07	82	392848	69.89	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	337144	131.64	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	903026	69.31	ng	0.00
79) Terphenyl-d14	19.92	244	1590538	66.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	81072	40.926	ng	99
3) Pyridine	3.77	79	189385	35.884	ng	97
4) n-Nitrosodimethylamine	3.68	42	92917	42.132	ng	# 95
6) Aniline	7.24	93	236689	32.207	ng	100
8) 2-Chlorophenol	7.48	128	225943	46.628	ng	99
9) Benzaldehyde	7.05	77	111710	33.129	ng	98
10) Phenol	7.12	94	283261	48.342	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	211103	42.141	ng	97
12) 1,3-Dichlorobenzene	7.81	146	237419	41.037	ng	98
13) 1,4-Dichlorobenzene	7.95	146	239027	41.714	ng	98
14) 1,2-Dichlorobenzene	8.27	146	227762	42.052	ng	99
15) Benzyl Alcohol	8.15	79	191434	45.670	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	270993	39.968	ng	99
17) 2-Methylphenol	8.36	107	195161	46.683	ng	99
18) Hexachloroethane	9.00	117	86008	39.999	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	162565	41.199	ng	96
20) 3+4-Methylphenols	8.69	107	270300	46.915	ng	99
22) Acetophenone	8.73	105	307754	39.864	ng	99
24) Nitrobenzene	9.12	77	233731	42.592	ng	100
25) Isophorone	9.64	82	446475	42.615	ng	100
26) 2-Nitrophenol	9.83	139	128962	45.290	ng	96
27) 2,4-Dimethylphenol	9.89	122	217017	53.992	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	278859	39.899	ng	99
29) 2,4-Dichlorophenol	10.37	162	228711	47.058	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	222588	39.941	ng	100
31) Naphthalene	10.77	128	661209	42.945	ng	99
32) Benzoic acid	10.04	122	134464	49.965	ng	93
33) 4-Chloroaniline	10.87	127	168792	24.105	ng	99
34) Hexachlorobutadiene	11.07	225	128417	37.448	ng	98
35) Caprolactam	11.64	113	96857m	54.402	ng	
36) 4-Chloro-3-methylphenol	12.01	107	247203	48.512	ng	99
37) 2-Methylnaphthalene	12.38	142	495604	43.354	ng	100
38) 1-Methylnaphthalene	12.59	142	470069	43.615	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	237342	36.368	ng	99

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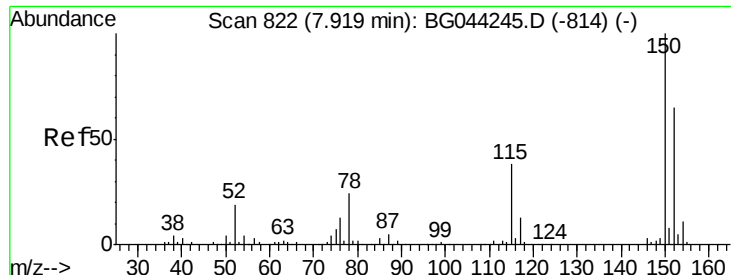
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	263908	84.278	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	186858	44.297	nq	100
44) 2,4,5-Trichlorophenol	13.06	196	205800	47.766	nq	99
46) 1,1'-Biphenyl	13.39	154	633444	40.253	nq	99
47) 2-Chloronaphthalene	13.43	162	498207	39.785	nq	99
48) 2-Nitroaniline	13.63	65	165855	44.879	nq	96
49) Acenaphthylene	14.27	152	817131	44.489	nq	99
50) Dimethylphthalate	14.01	163	680992	43.424	nq	99
51) 2,6-Dinitrotoluene	14.12	165	159472	45.607	nq	99
52) Acenaphthene	14.62	154	500218	42.018	nq	97
53) 3-Nitroaniline	14.45	138	120399	31.123	nq	99
54) 2,4-Dinitrophenol	14.66	184	204752	97.029	nq	99
55) Dibenzofuran	14.96	168	796991	44.217	nq	98
56) 4-Nitrophenol	14.77	139	327374	115.529	nq	97
57) 2,4-Dinitrotoluene	14.92	165	232767	47.496	nq	96
58) Fluorene	15.60	166	646325	45.527	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	192416	49.442	nq	99
60) Diethylphthalate	15.38	149	713536	45.663	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	329160	42.762	nq	99
62) 4-Nitroaniline	15.62	138	176616	45.690	nq	99
63) Azobenzene	15.89	77	630436	46.033	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	149659	50.794	nq	98
66) n-Nitrosodiphenylamine	15.81	169	621380	41.540	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	223500	38.433	nq	97
68) Hexachlorobenzene	16.61	284	245801	37.728	nq	97
69) Atrazine	16.76	200	252015	49.154	nq	98
70) Pentachlorophenol	16.95	266	300392	90.738	nq	96
71) Phenanthrene	17.34	178	1107281	42.840	nq	100
72) Anthracene	17.43	178	1127876	44.137	nq	99
73) Carbazole	17.70	167	1053952	44.739	nq	99
74) Di-n-butylphthalate	18.26	149	1280536	43.987	nq	99
75) Fluoranthene	19.35	202	1299850	43.473	nq	98
77) Benzidine	19.53	184	456395	33.601	nq	99
78) Pyrene	19.71	202	1326743	42.189	nq	99
80) Butylbenzylphthalate	20.60	149	614024	42.846	nq	97
81) Benzo(a)anthracene	21.53	228	1292231	42.818	nq	100
82) 3,3'-Dichlorobenzidine	21.45	252	365137	31.174	nq	97
83) Chrysene	21.59	228	1224759	41.985	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	854240	43.306	nq	100
85) Di-n-octyl phthalate	22.62	149	1503025	44.039	nq	100
86) Indeno(1,2,3-cd)pyrene	28.16	276	1598785	42.009	nq	99
88) Benzo(b)fluoranthene	23.67	252	1361142	46.641	nq	100
89) Benzo(k)fluoranthene	23.73	252	1318362	46.351	nq	100
90) Benzo(a)pyrene	24.50	252	1263329	45.785	nq	99
91) Dibenzo(a,h)anthracene	28.22	278	1325184	48.528	nq	99
92) Benzo(g,h,i)perylene	29.26	276	1329429	48.632	nq	98

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



#1

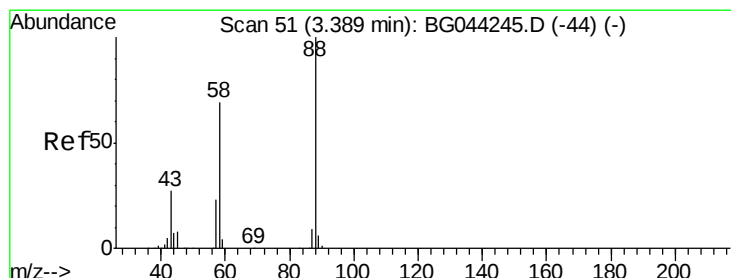
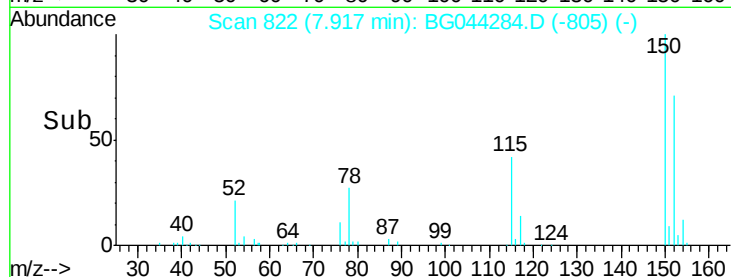
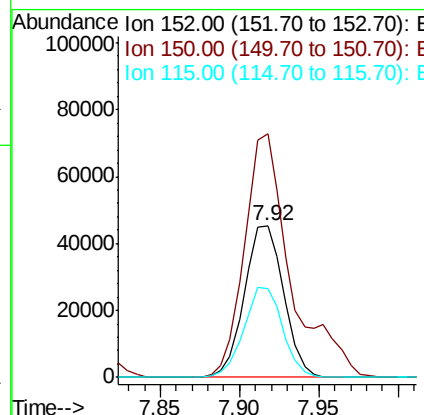
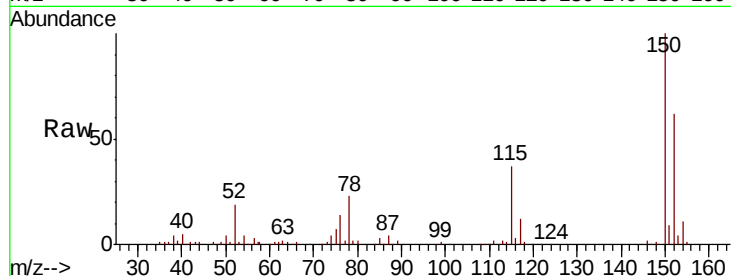
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	122.6	183.8
115	58.8	46.0	69.0

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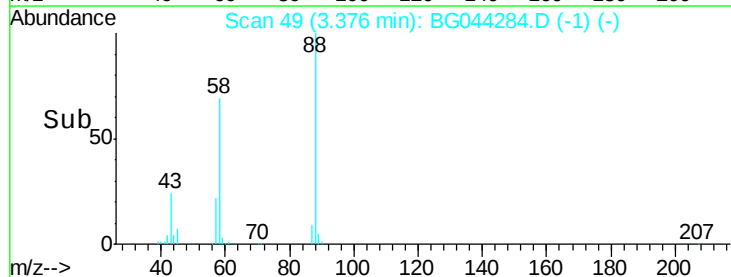
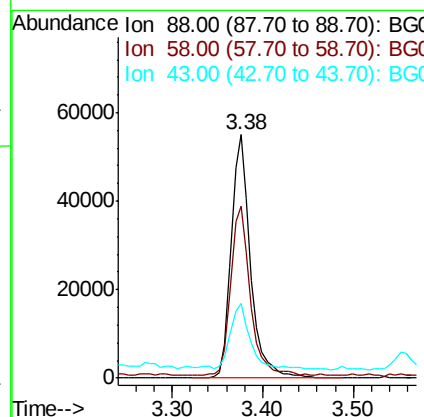
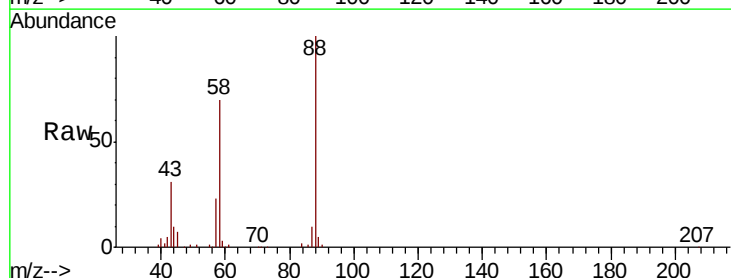
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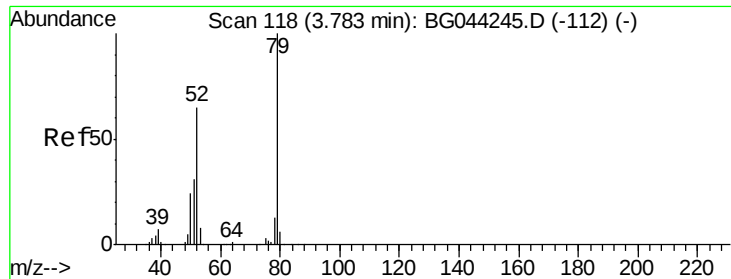


#2

1,4-Dioxane
Concen: 40.926 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.8	83.6
43	28.2	21.6	32.4





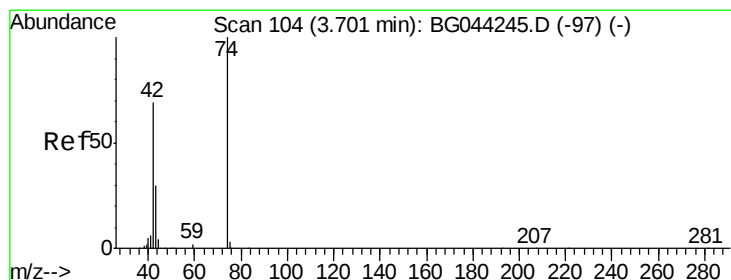
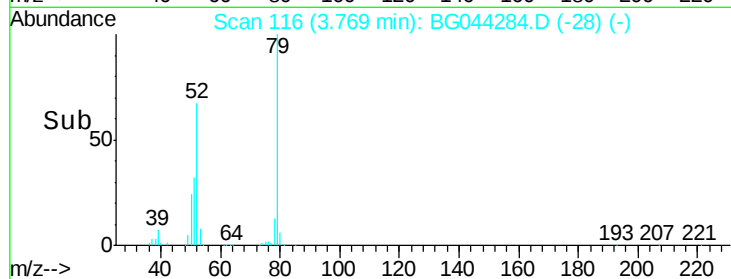
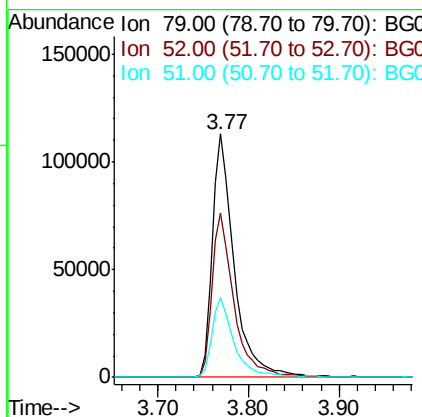
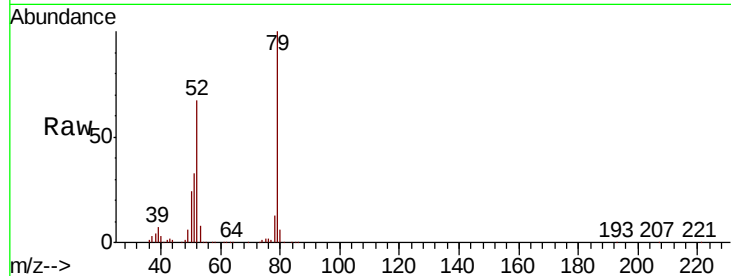
#3
 Pvridine
 Concen: 35.884 ng
 RT: 3.77 min Scan# 116
 Delta R.T. -0.01 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.3	51.9	77.9
51	32.8	25.3	37.9

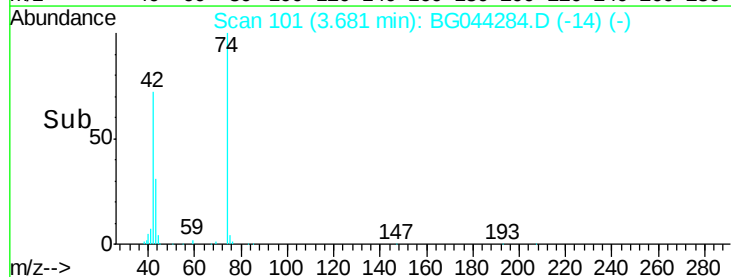
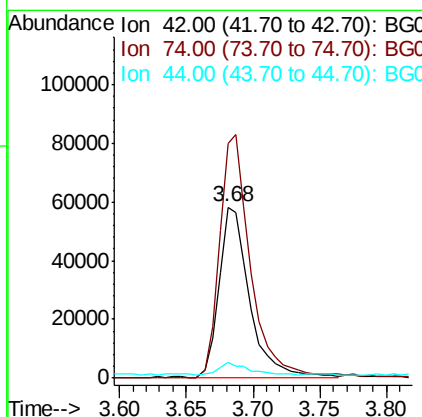
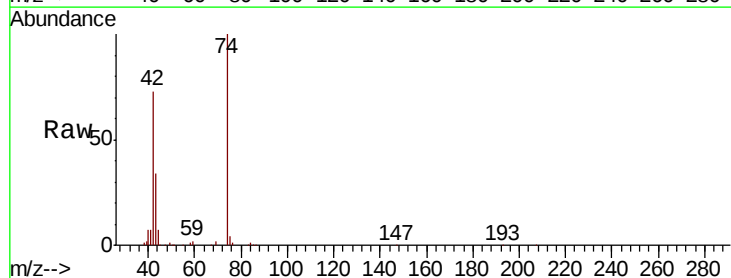
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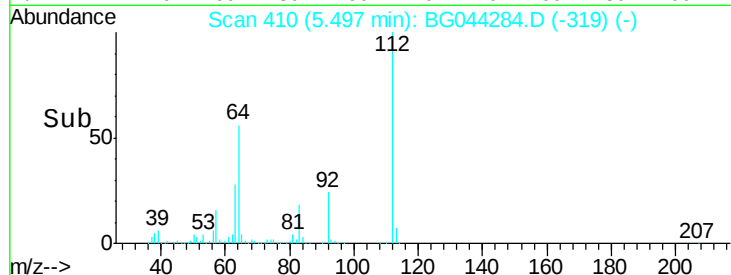
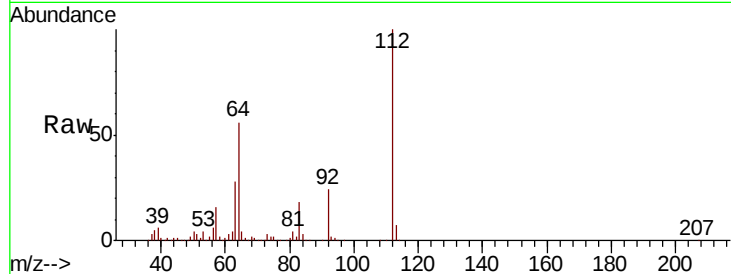
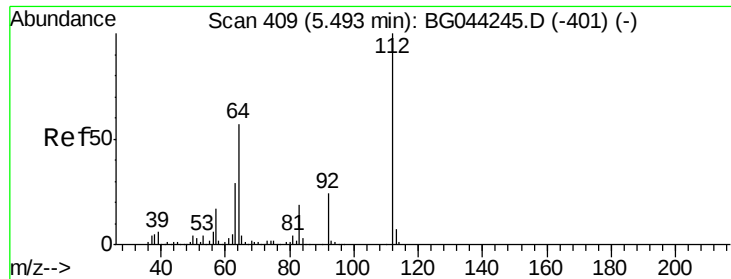
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#4
 n-Nitrosodimethylamine
 Concen: 42.132 ng
 RT: 3.68 min Scan# 101
 Delta R.T. -0.02 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.4	115.1	172.7
44	9.2	5.6	8.4#





#5

2-Fluorophenol

Concen: 130.687 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tot Ion	Ratio	Resp	Lower	Upper
112	100	576200		
64	56.1		45.4	68.2
63	28.4		22.9	34.3

Instrument :

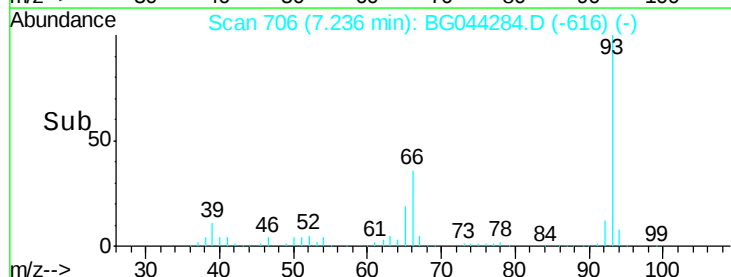
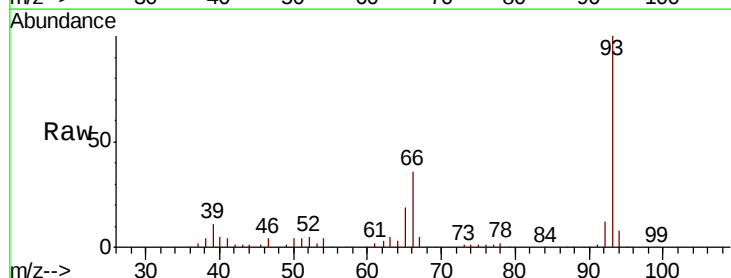
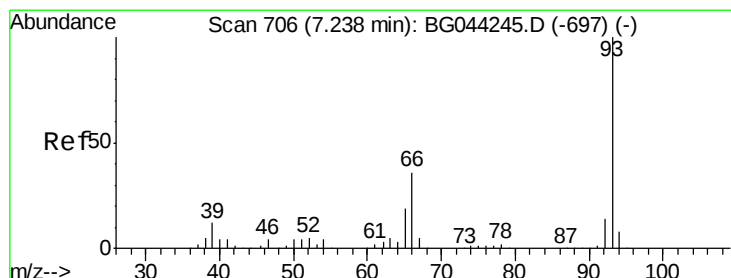
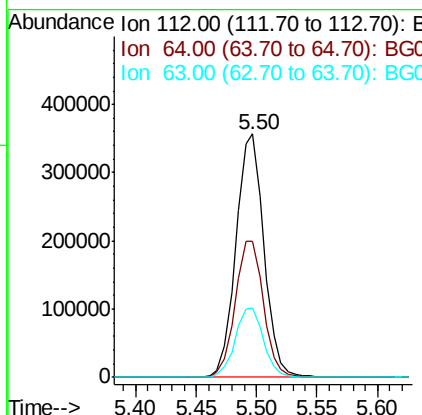
BNA_G

ClientSampleId :

PB126459BSD

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#6

Aniline

Concen: 32.207 ng

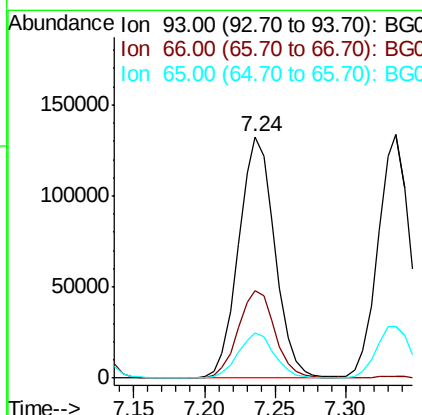
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	236689		
66	36.1		28.7	43.1
65	18.9		15.4	23.0





#7

Phenol-d6

Concen: 128.221 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

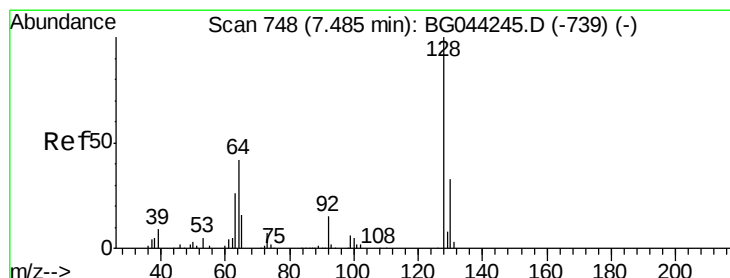
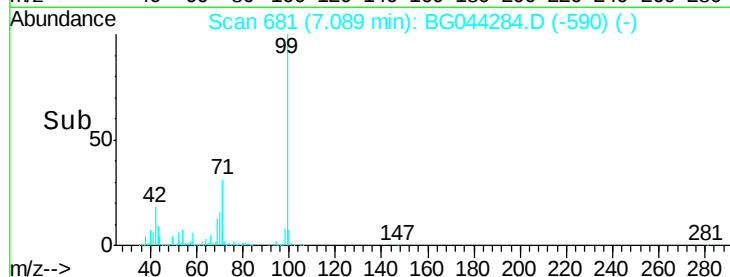
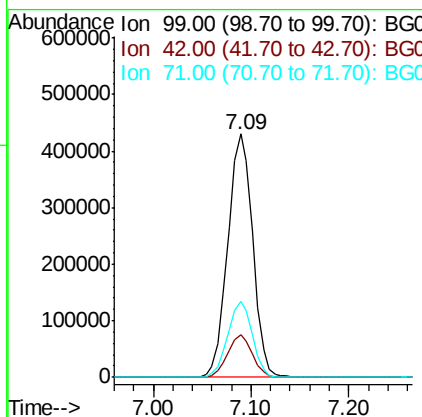
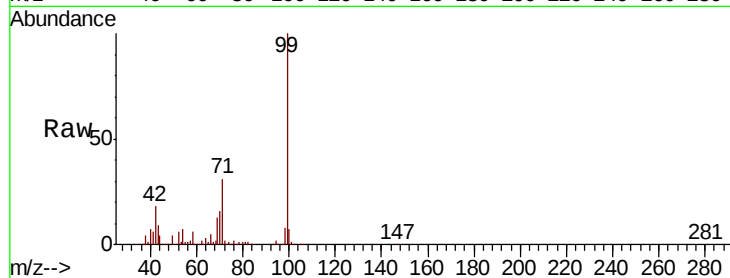
ClientSampleId :

PB126459BSD

Tot Ion:	99	Resp:	759150
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.6
71	31.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.628 ng

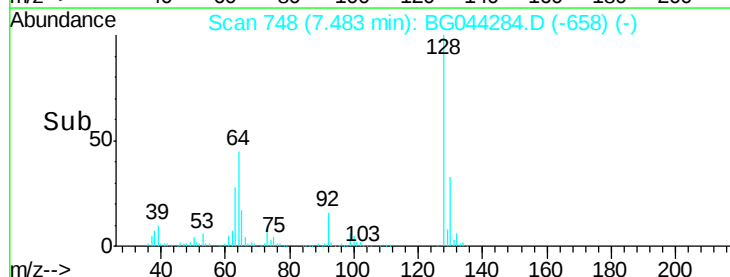
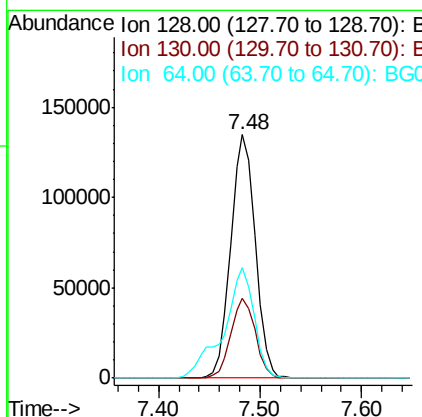
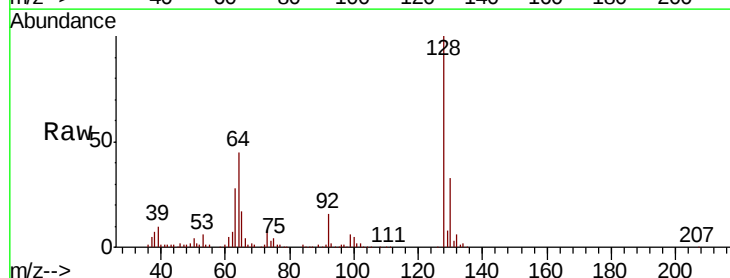
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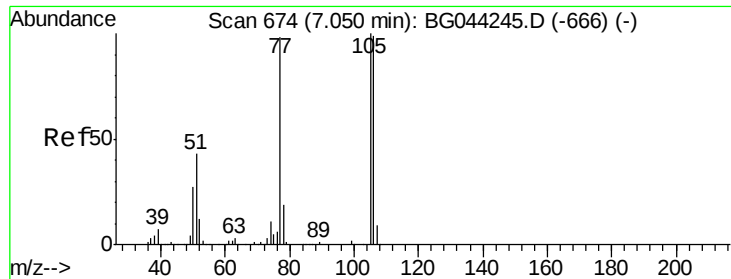
Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:	128	Resp:	225943
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	45.3	24.2	64.2





#9

Benzaldehyde

Concen: 33.129 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

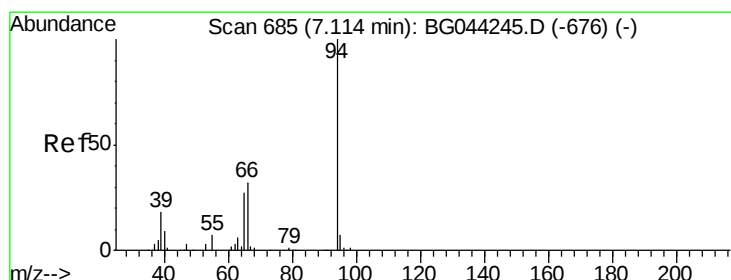
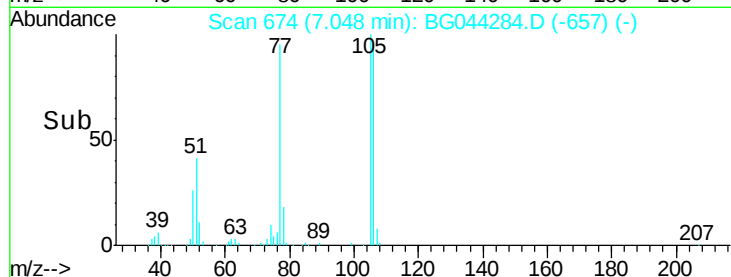
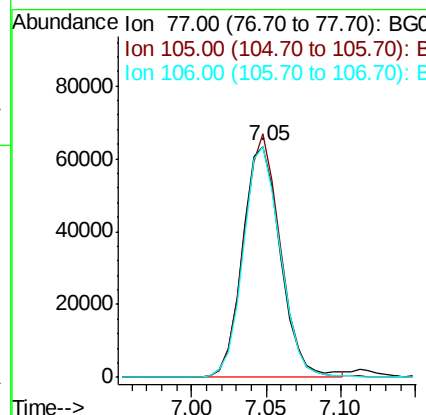
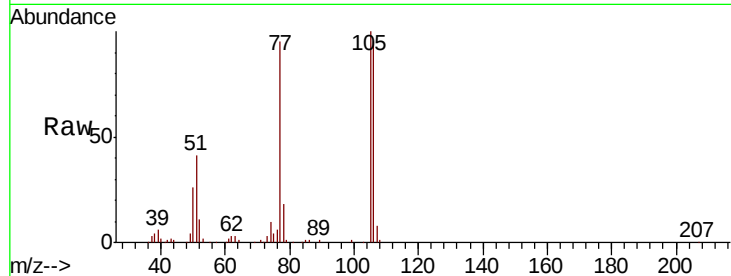
ClientSampleId :

PB126459BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.5	82.0	111710	122.0	
106	100.0	80.7	120.7		

Manual Integrations
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#10

Phenol

Concen: 48.342 ng

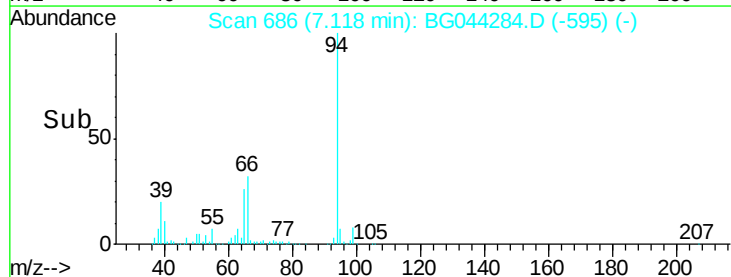
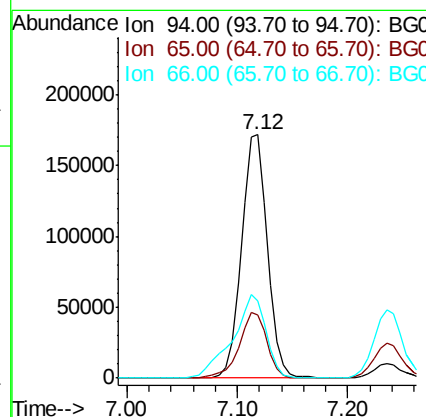
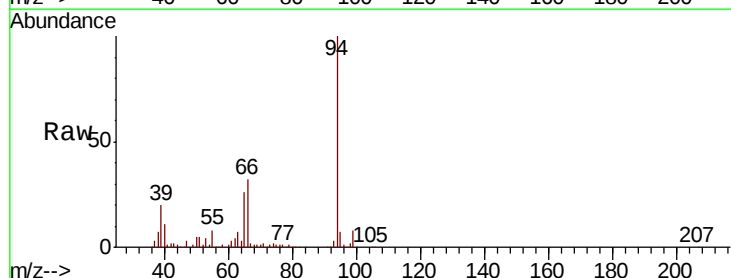
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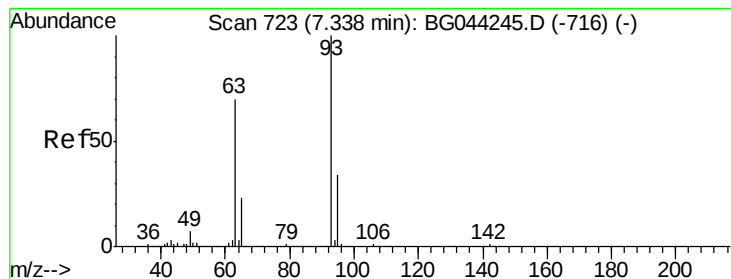
Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		283261		
65	26.1	7.0	47.0		
66	31.8	12.7	52.7		





#11

bis(2-Chloroethyl)ether

Concen: 42.141 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

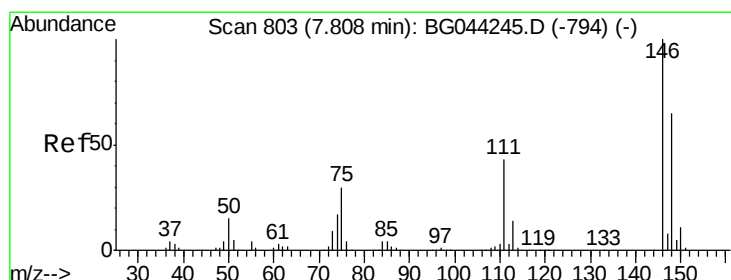
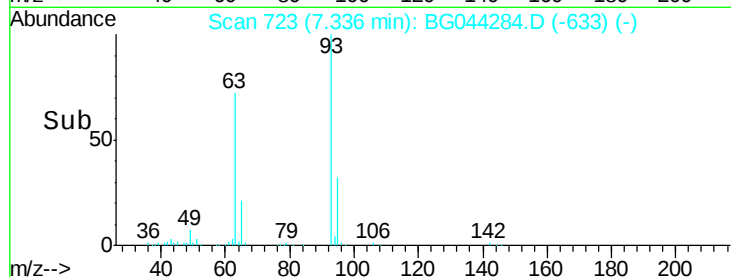
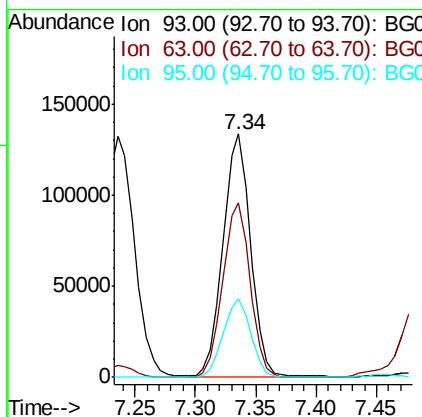
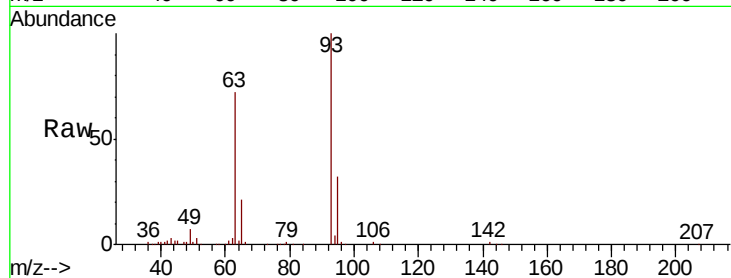
ClientSampleId :

PB126459BSD

Tot Ion:	93	Resp:	211103
Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.2	89.2
95	32.3	13.6	53.6

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.037 ng

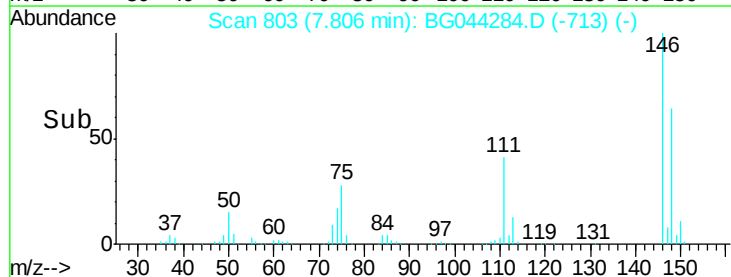
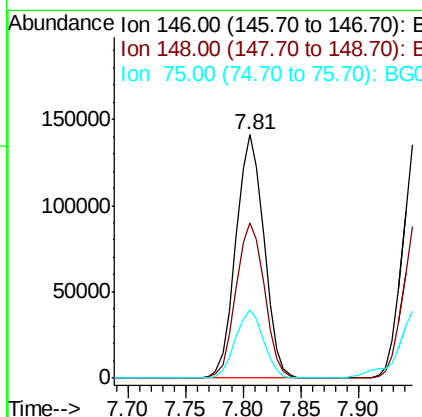
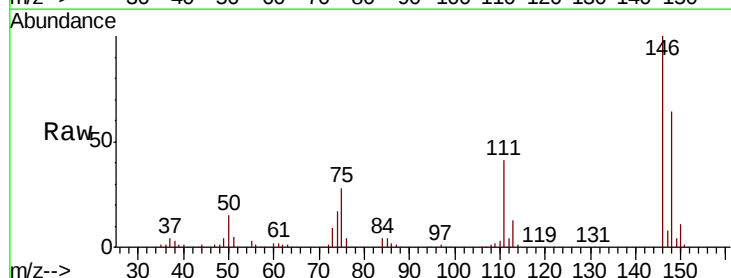
RT: 7.81 min Scan# 803

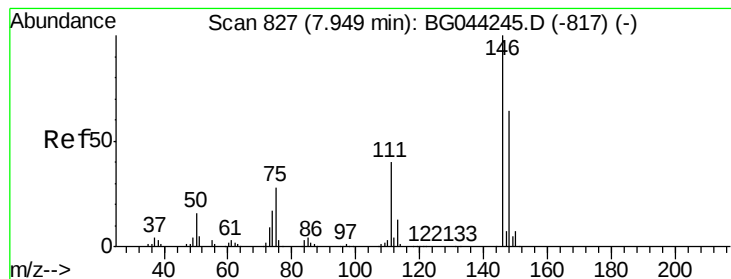
Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:	146	Resp:	237419
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.2	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 41.714 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

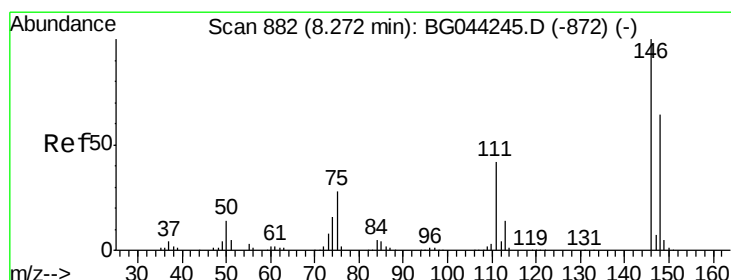
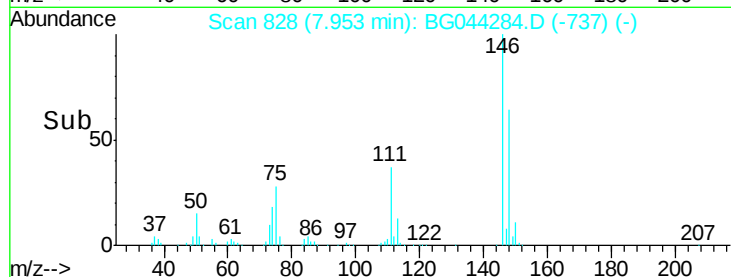
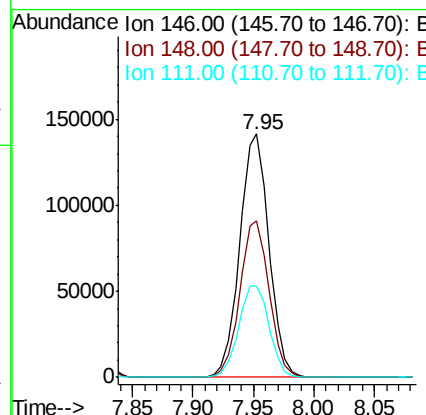
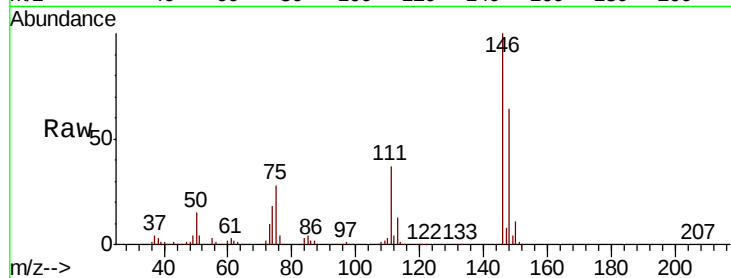
ClientSampleId :

PB126459BSD

Tot Ion:	146	Resp:	239027
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.0
111	37.4	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 42.052 ng

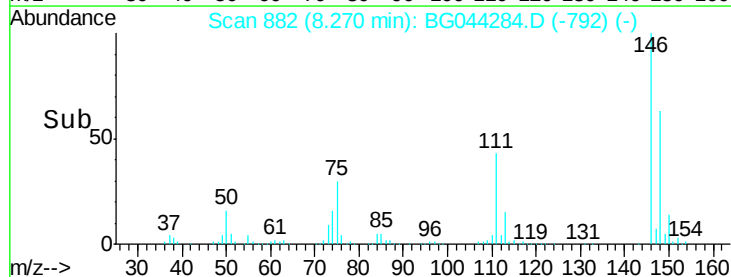
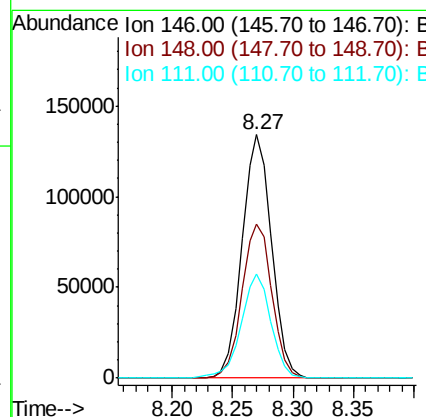
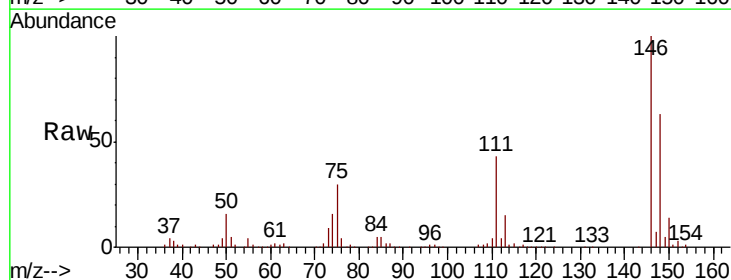
RT: 8.27 min Scan# 882

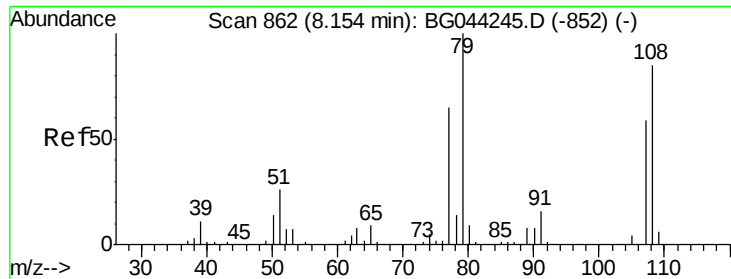
Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:	146	Resp:	227762
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.2	76.8
111	42.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 45.670 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

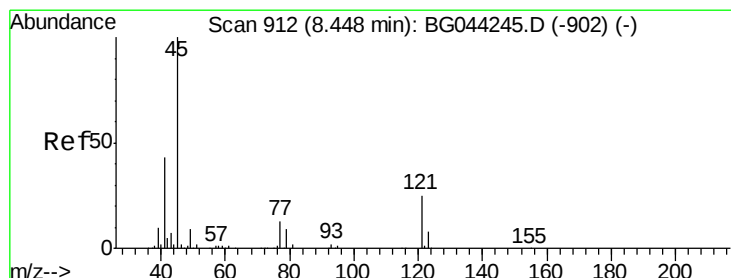
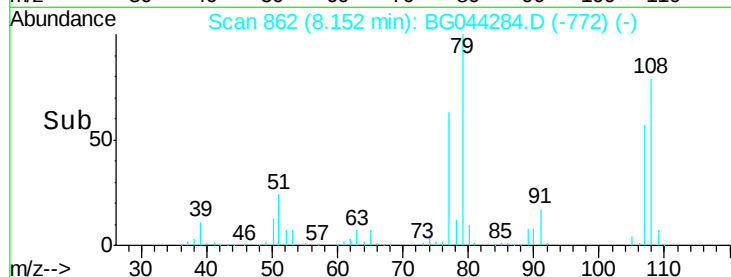
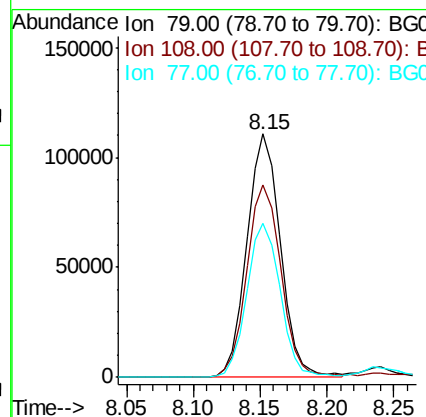
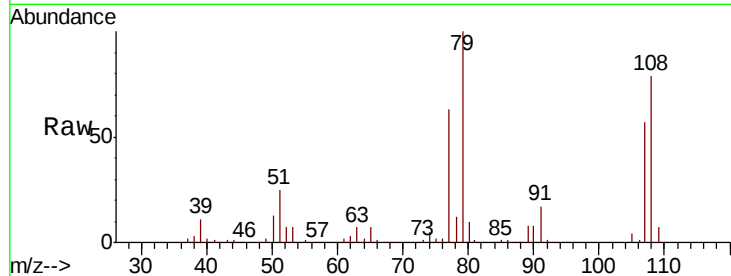
ClientSampleId :

PB126459BSD

Tot Ion:	79	Resp:	191434
Ion	Ratio	Lower	Upper
79	100		
108	79.1	68.3	102.5
77	63.2	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.968 ng

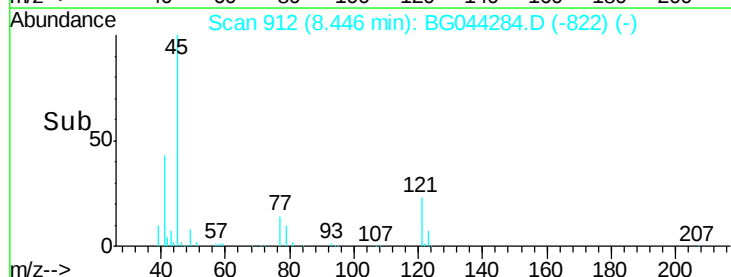
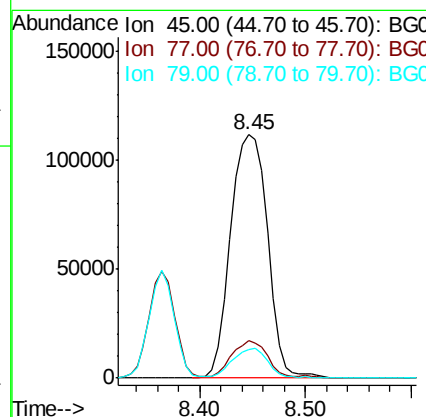
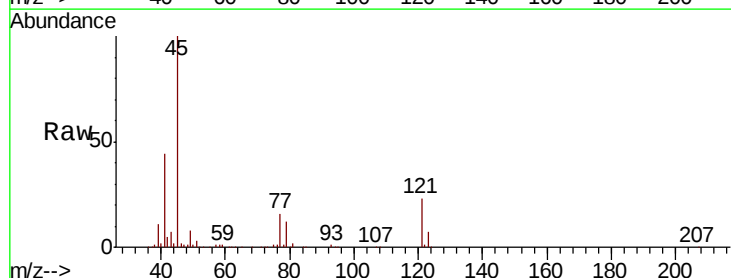
RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:	45	Resp:	270993
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.2
79	11.7	0.0	31.1





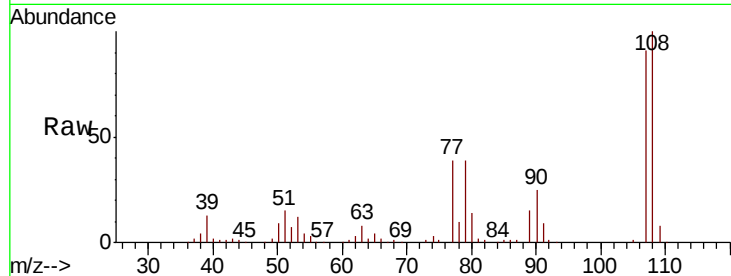
#17
2-Methylphenol
Concen: 46.683 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	195161		
108	109.3	86.4	129.6	
77	42.3	34.0	51.0	
79	43.0	32.9	49.3	

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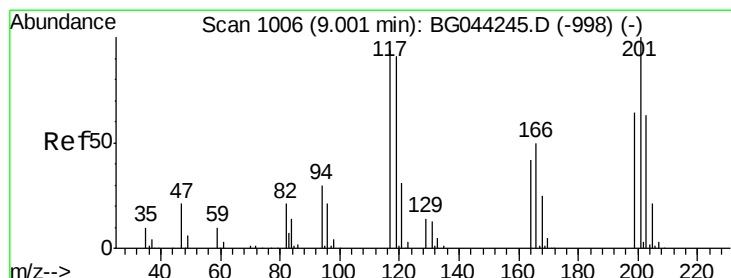
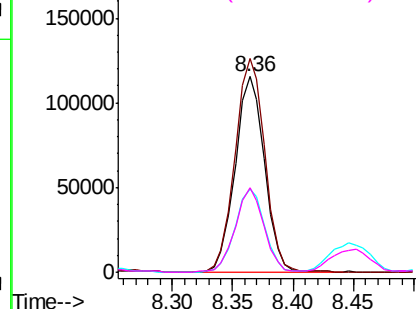
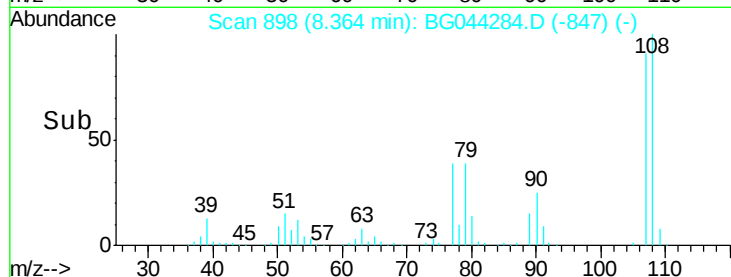
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

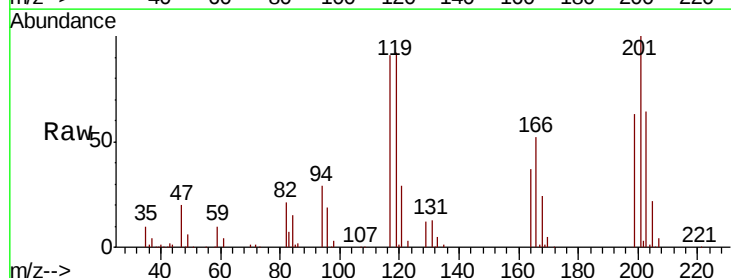
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.999 ng
RT: 9.00 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	86008		
119	101.1	77.5	116.3	
201	109.4	84.9	127.3	

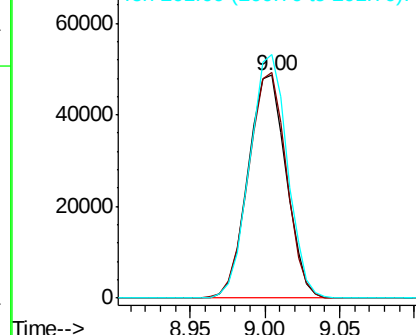
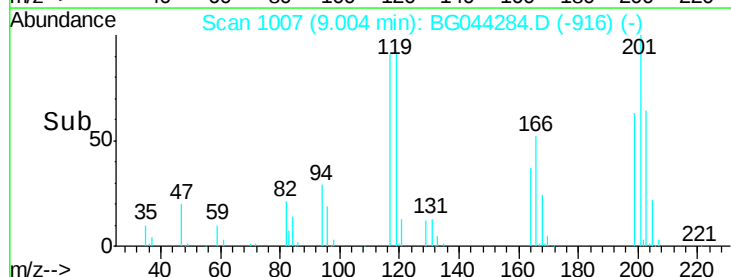


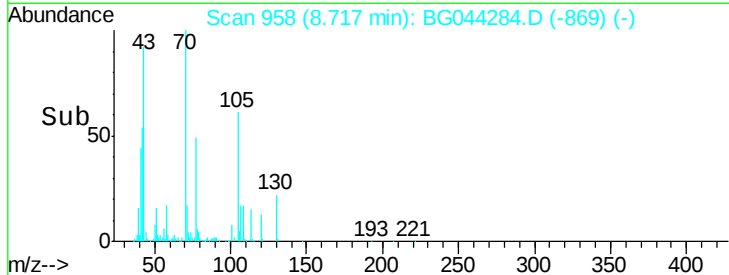
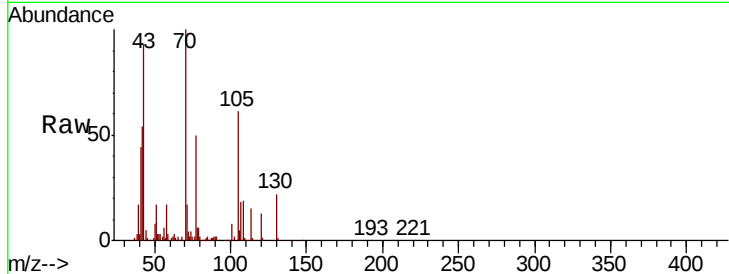
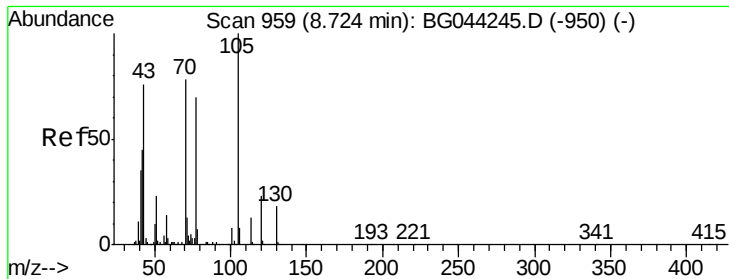
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





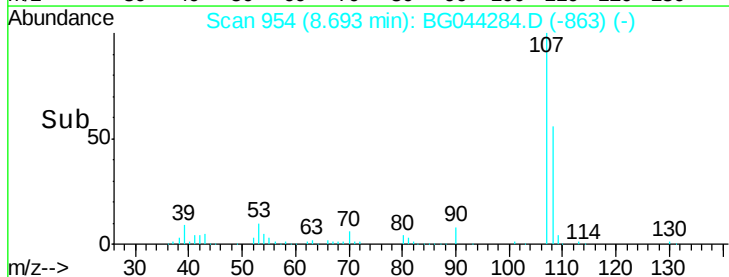
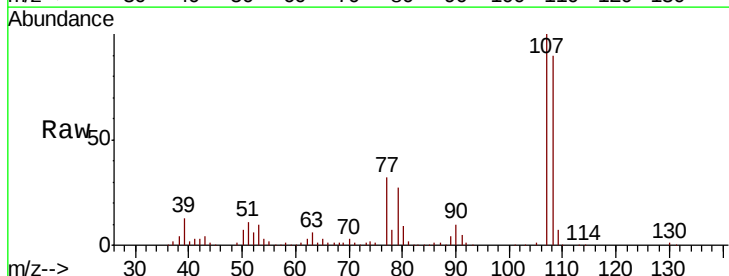
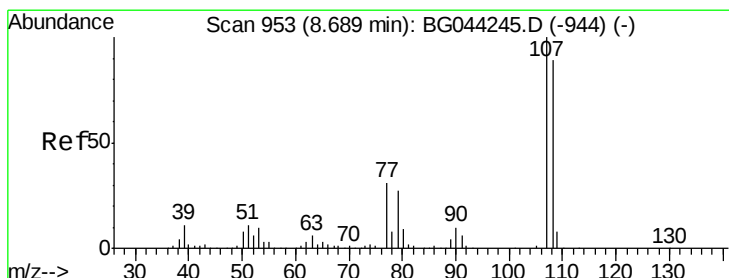
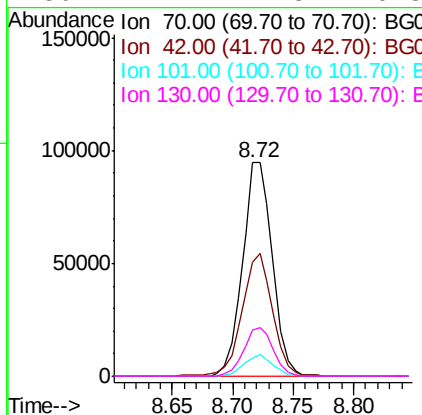
#19
n-Nitroso-di-n-propylamine
Concen: 41.199 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampled :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	46.2	69.2
101	8.5	8.4	12.6
130	21.7	17.8	26.8

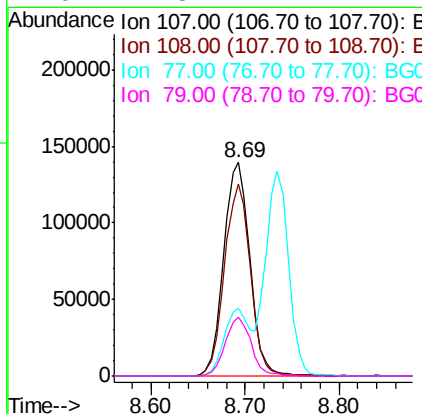
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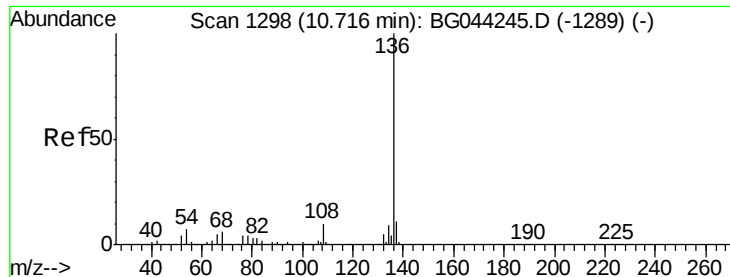
mohammad
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#20
3+4-Methylphenols
Concen: 46.915 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	31.8	10.9	50.9
79	27.3	7.1	47.1





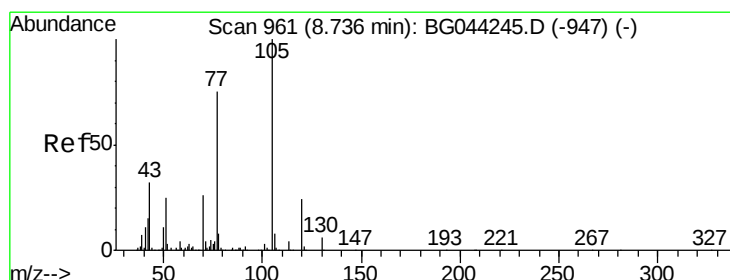
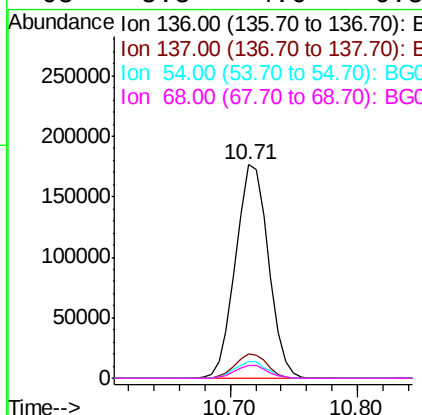
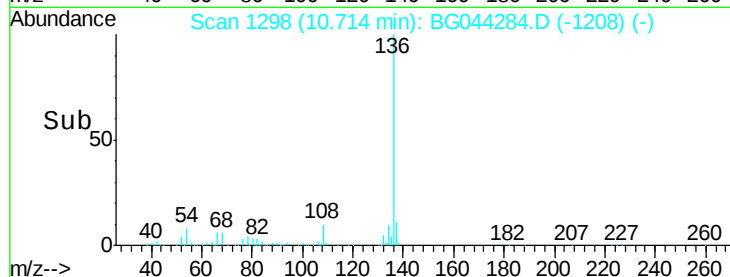
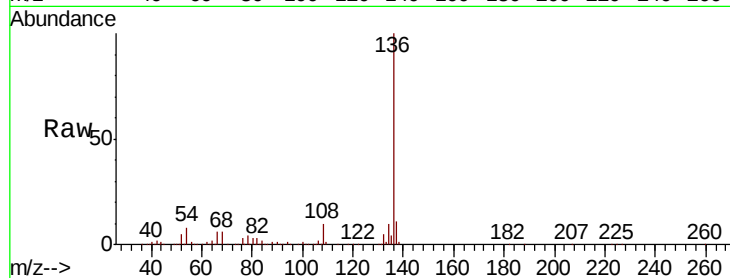
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		317347		
137	11.3		8.8	13.2	
54	7.8		5.8	8.8	
68	5.8		4.6	6.8	

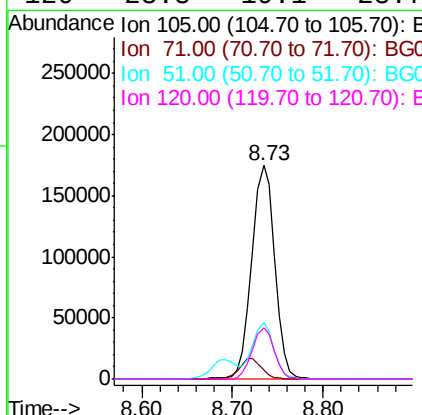
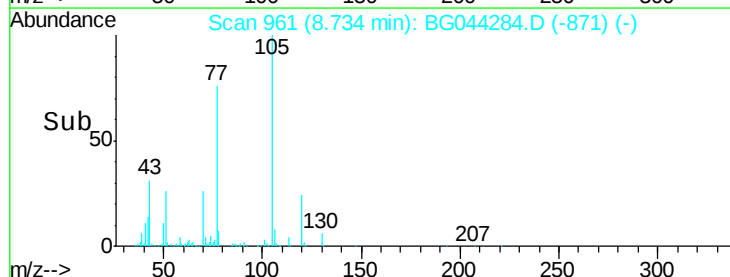
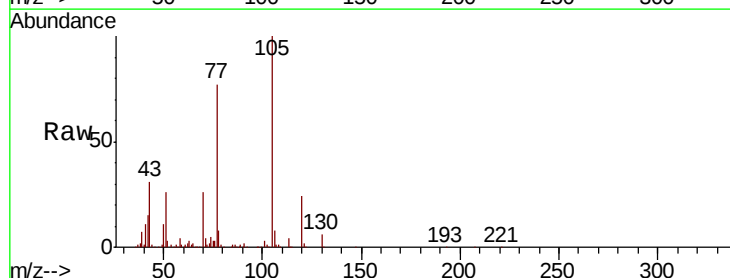
Manual Integrations
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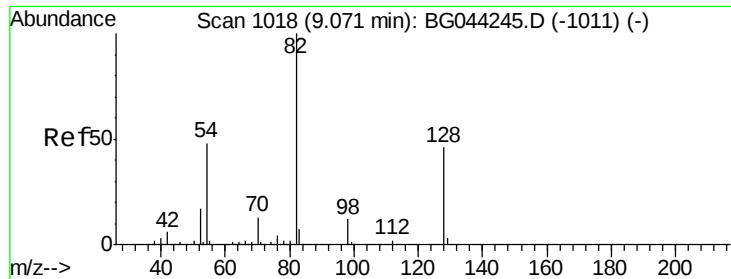
mohammad
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#22
Acetophenone
Concen: 39.864 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		307754		
71	4.4		3.4	5.0	
51	26.2		20.2	30.4	
120	23.8		19.1	28.7	





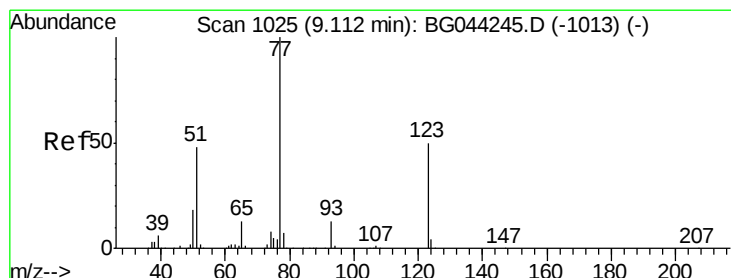
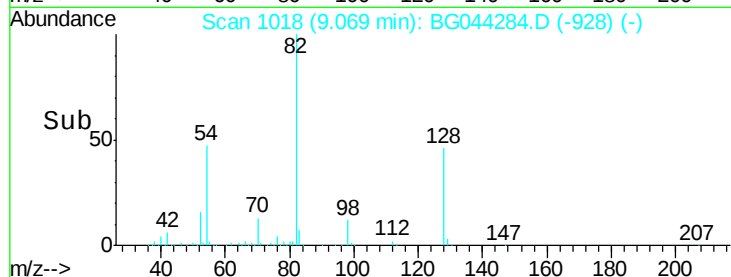
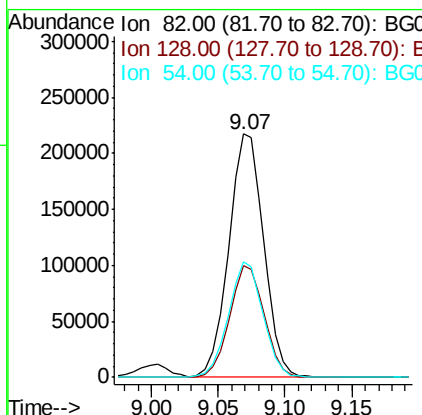
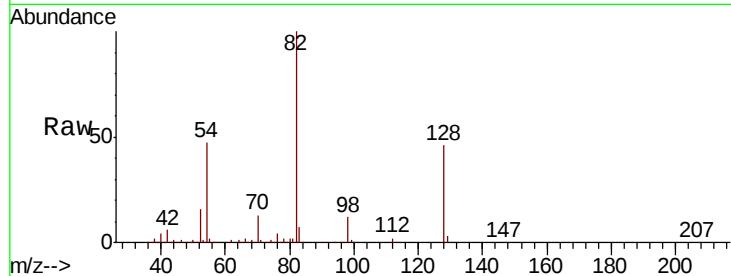
#23
 Nitrobenzene-d5
 Concen: 69.888 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	36.5	54.7	
54	47.3	38.6	58.0	

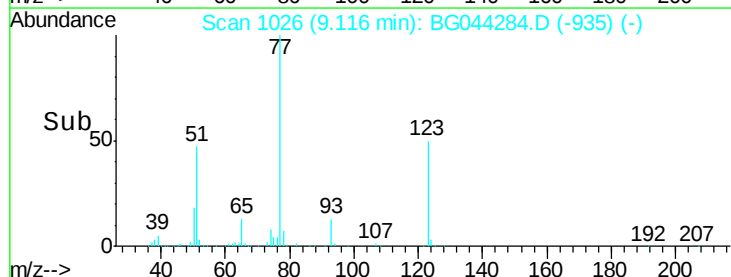
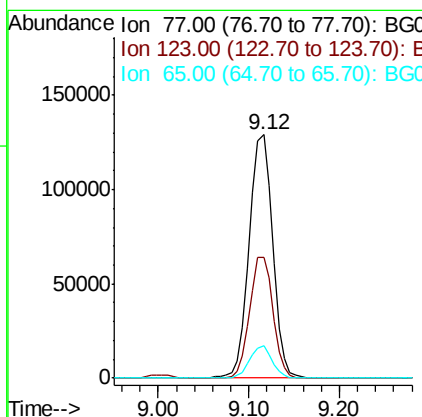
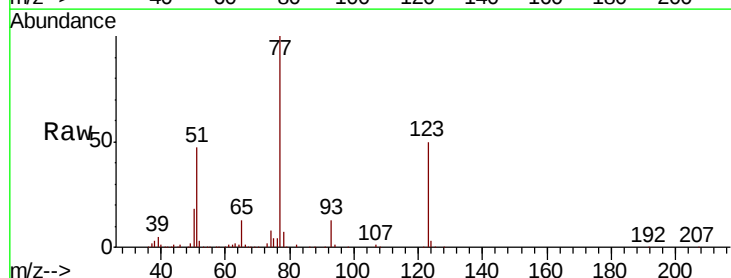
Manual Integrations
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#24
 Nitrobenzene
 Concen: 42.592 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.8	39.9	59.9	
65	13.1	10.4	15.6	





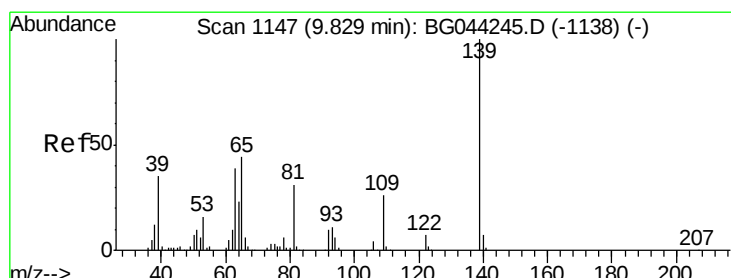
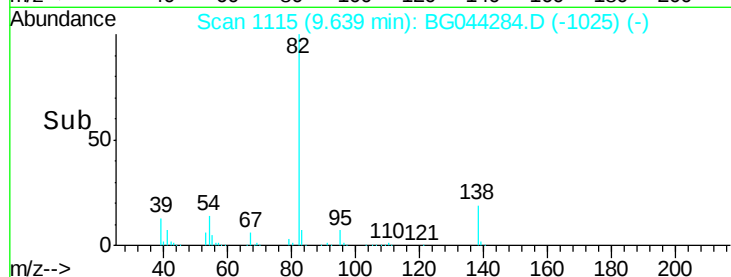
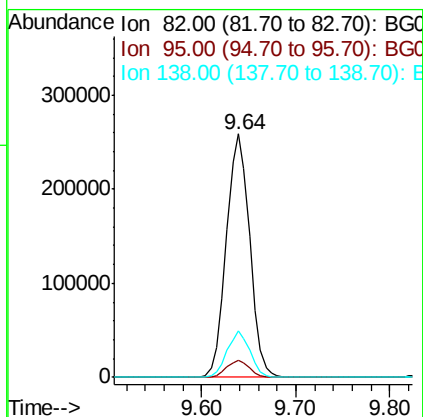
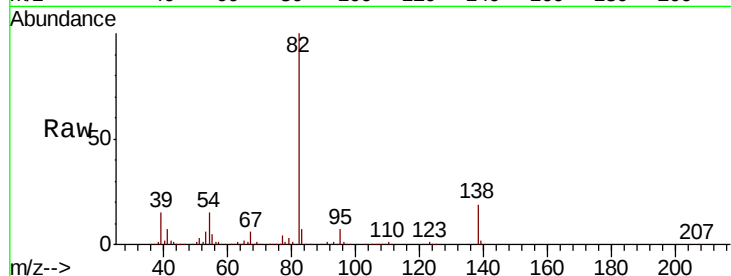
#25
Isophorone
Concen: 42.615 ng
RT: 9.64 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	446475		
95	6.9		5.7	8.5
138	18.9		15.0	22.4

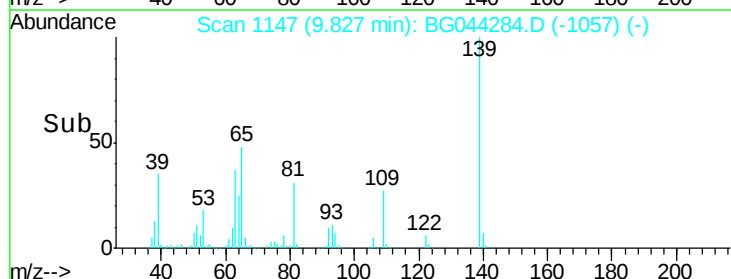
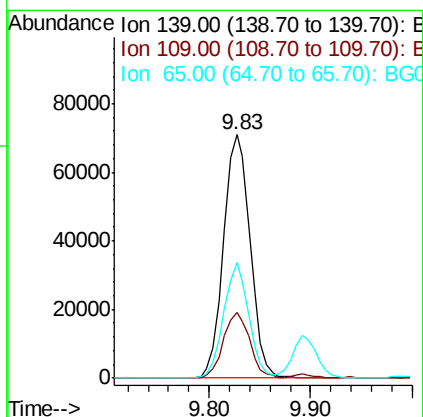
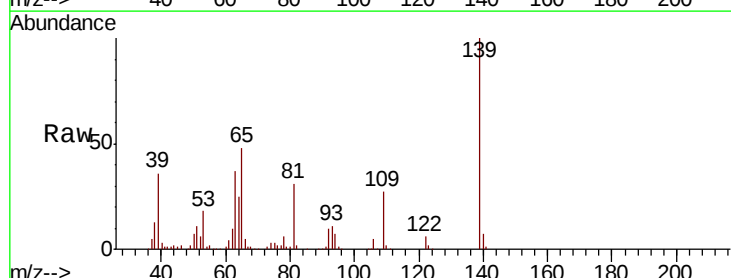
Manual Integrations
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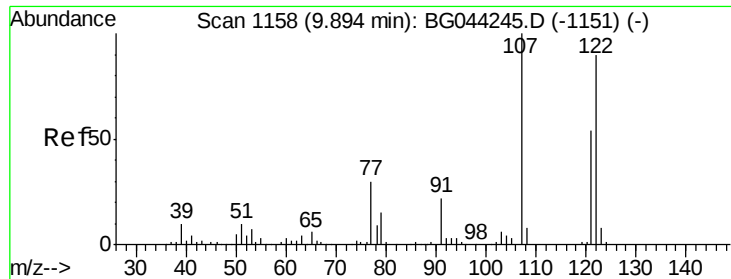
mohammad
2/6/2020 2:17:51 PM



#26
2-Nitrophenol
Concen: 45.290 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	128962		
109	27.0		21.0	31.4
65	47.6		35.0	52.4





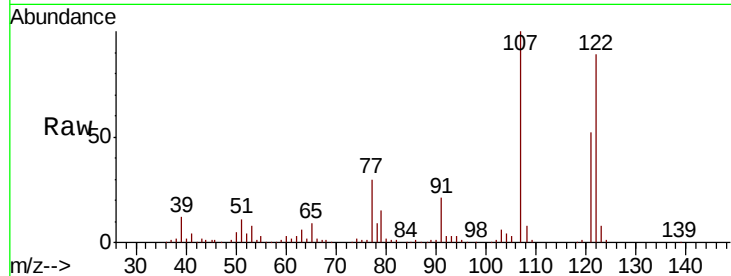
#27
 2,4-Dimethylphenol
 Concen: 53.992 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

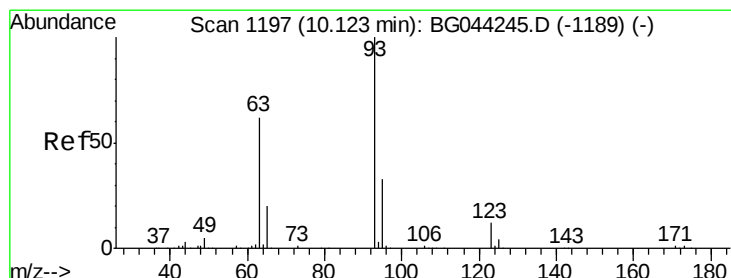
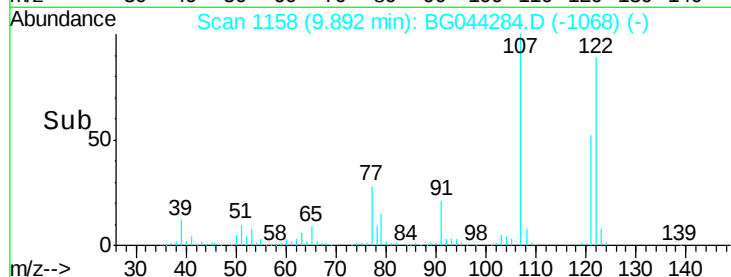
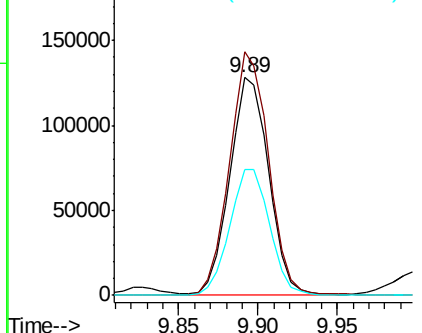
Tot Ion:	122	Resp:	217017
Ion Ratio	Lower	Upper	
122	100		
107	111.9	88.8	133.2
121	58.2	48.3	72.5

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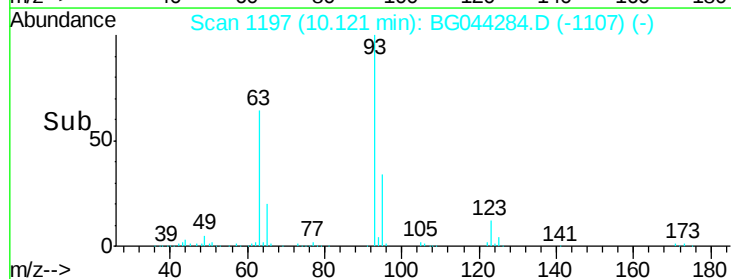
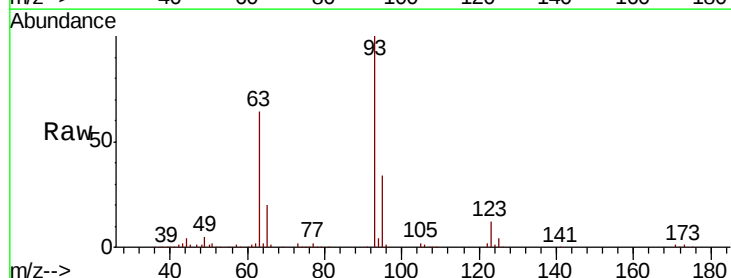
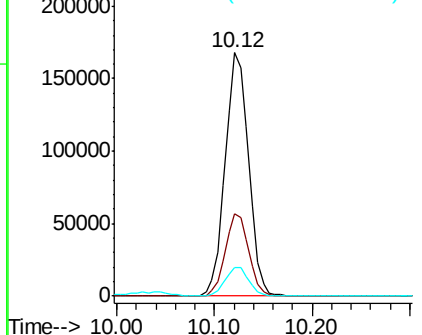
Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

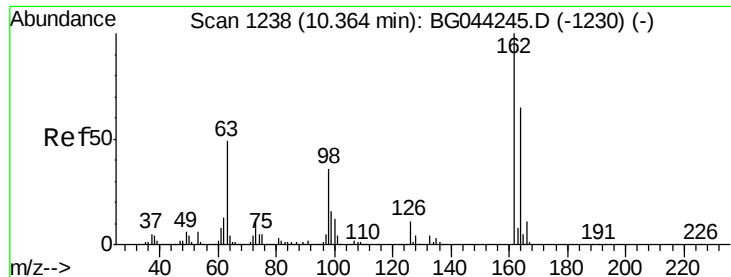


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.899 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion:	93	Resp:	278859
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.6	40.0
123	11.6	10.0	15.0

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





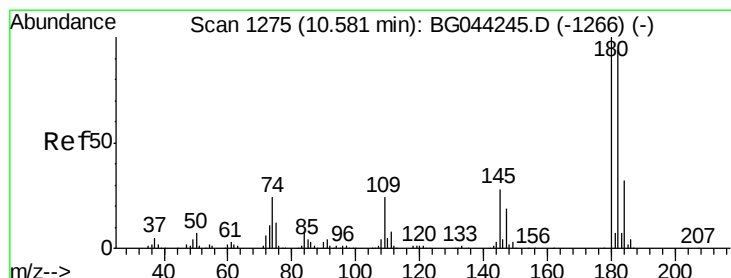
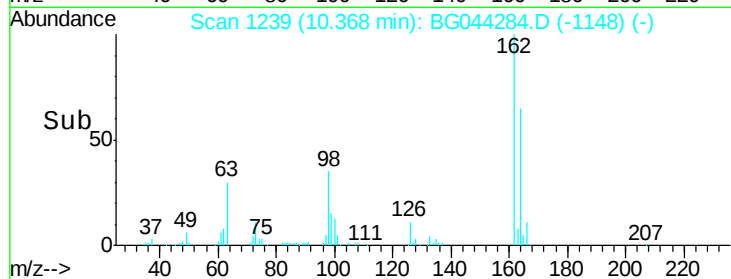
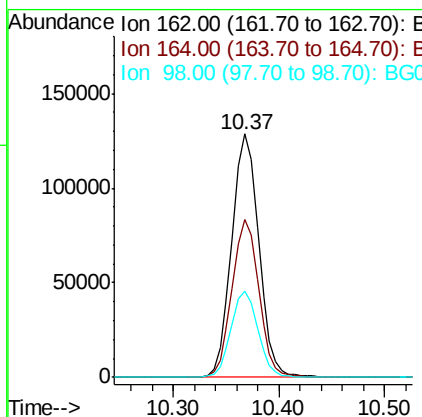
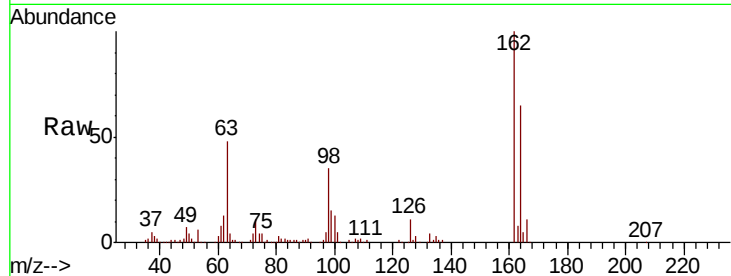
#29
2,4-Dichlorophenol
Concen: 47.058 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	228711		
164	64.9	44.7	84.7	
98	35.4	15.8	55.8	

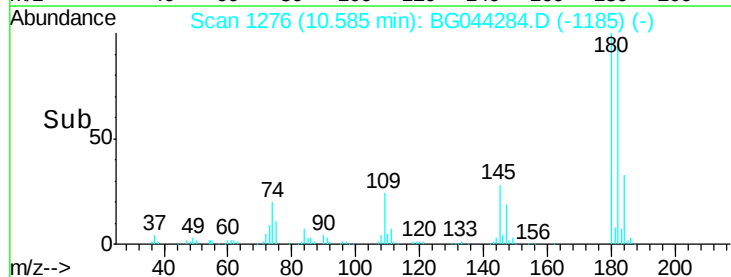
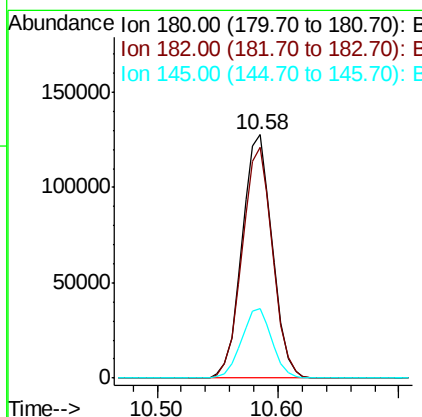
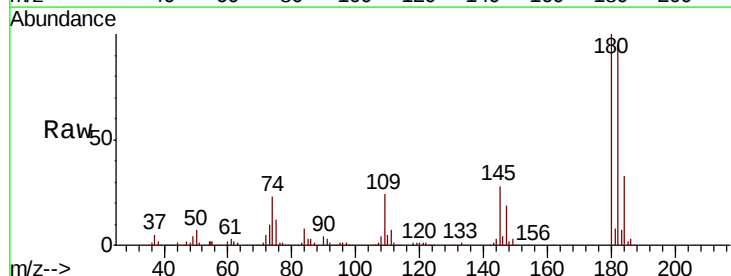
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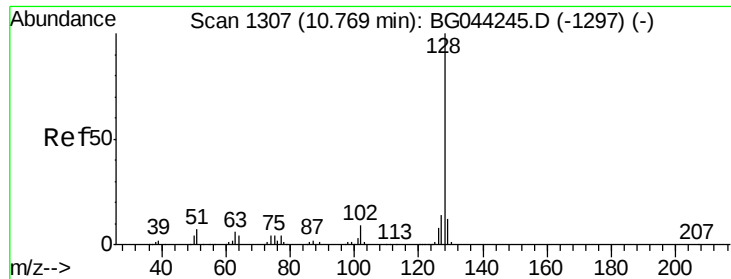
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#30
1,2,4-Trichlorobenzene
Concen: 39.941 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222588		
182	94.7	75.5	113.3	
145	28.3	22.6	34.0	





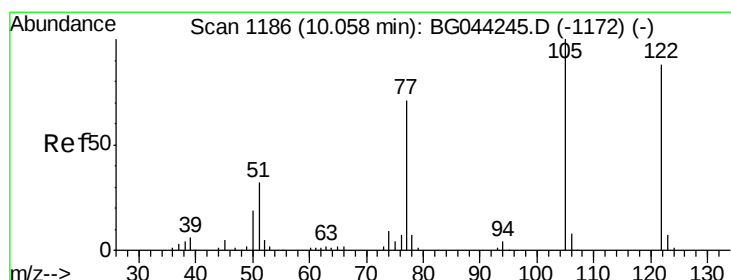
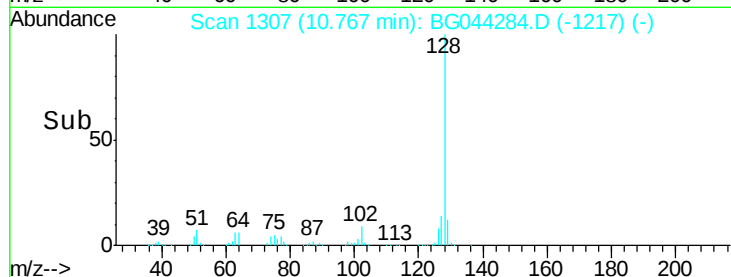
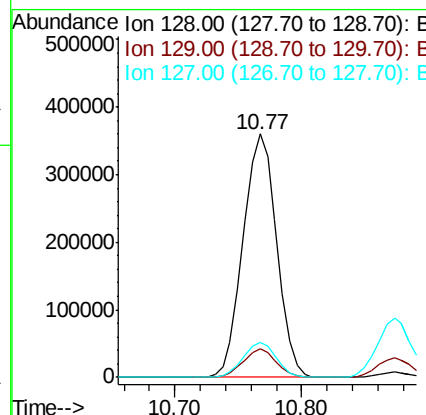
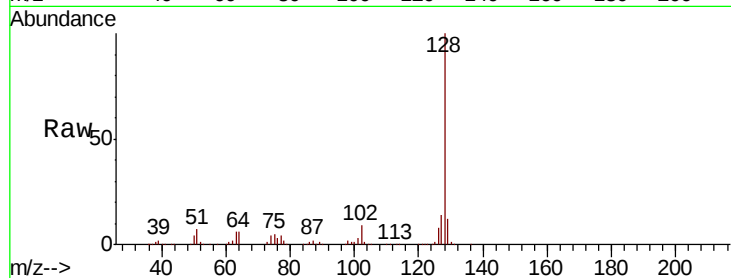
#31
Naphthalene
Concen: 42.945 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.2	11.6	17.4

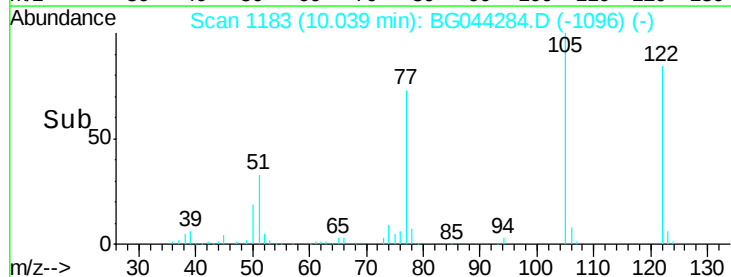
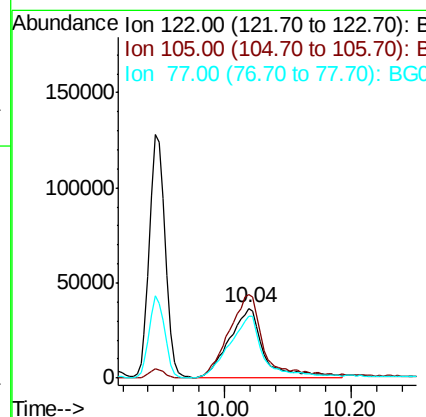
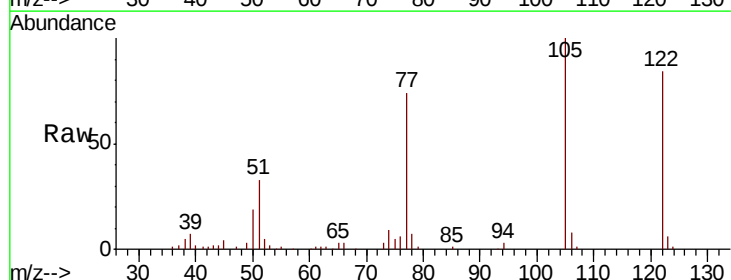
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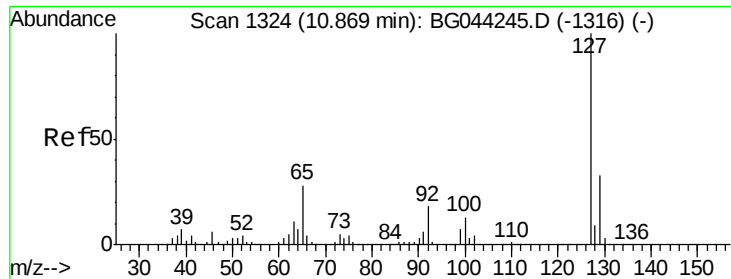
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#32
Benzoic acid
Concen: 49.965 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	93.5	133.5
77	88.2	61.0	101.0





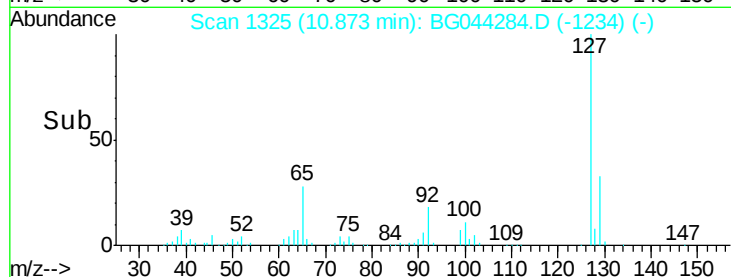
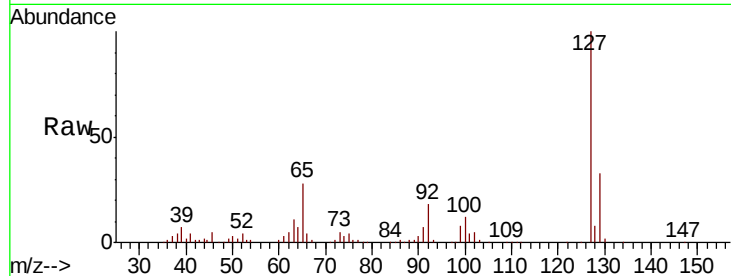
#33
4-Chloroaniline
Concen: 24.105 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

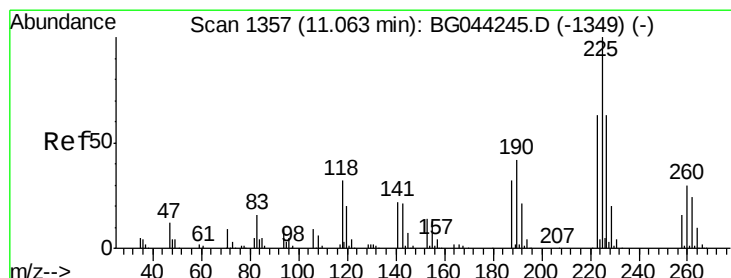
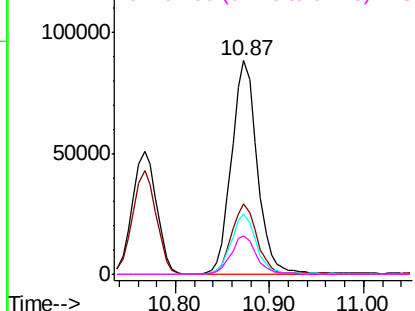
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	40.0		
65	28.3	22.5	33.7		
92	17.9	14.1	21.1		

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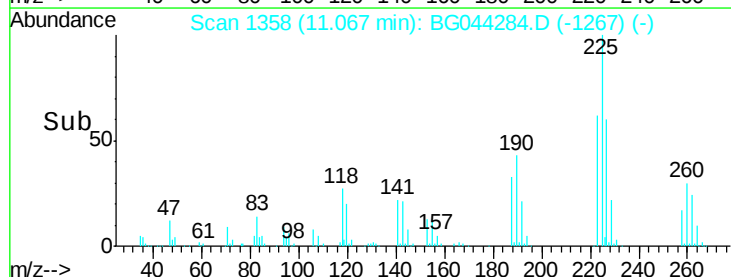
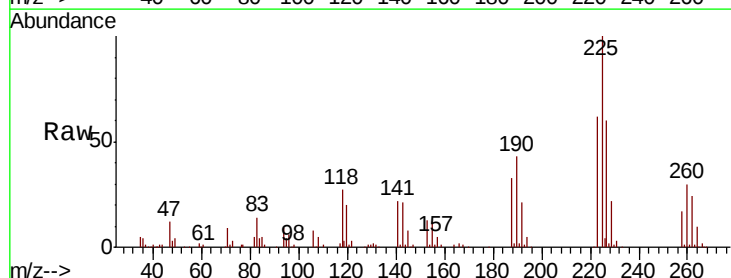


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

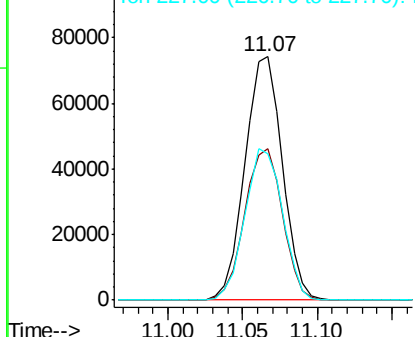


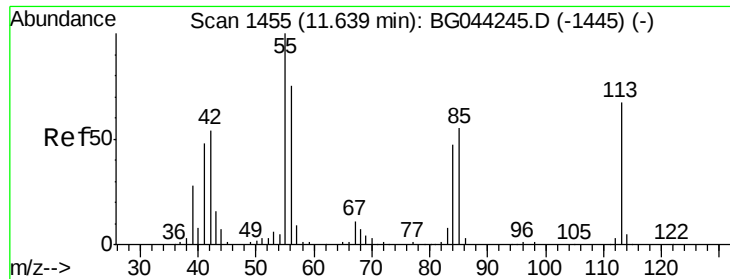
#34
Hexachlorobutadiene
Concen: 37.448 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.2	75.4		
227	60.2	50.8	76.2		



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





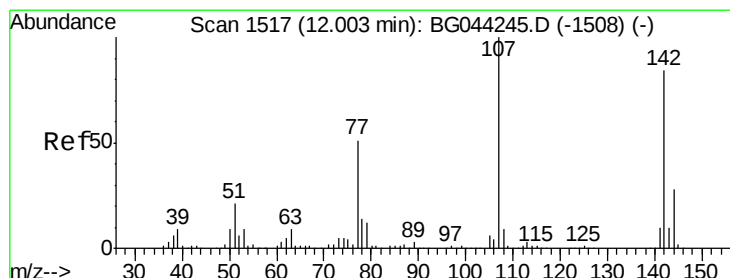
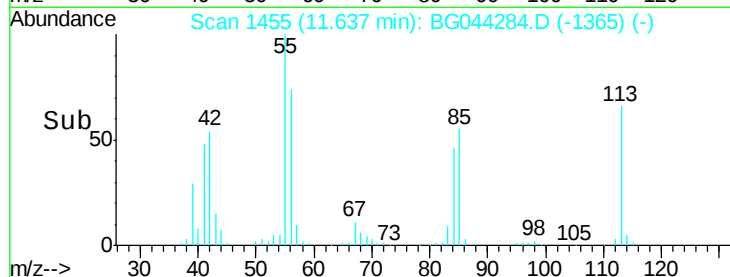
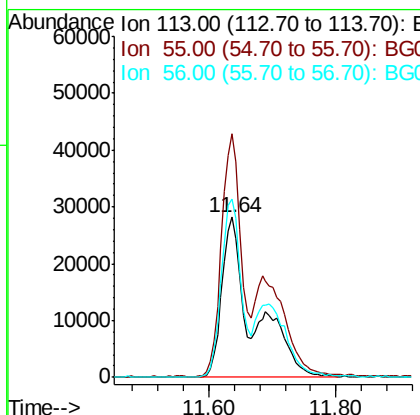
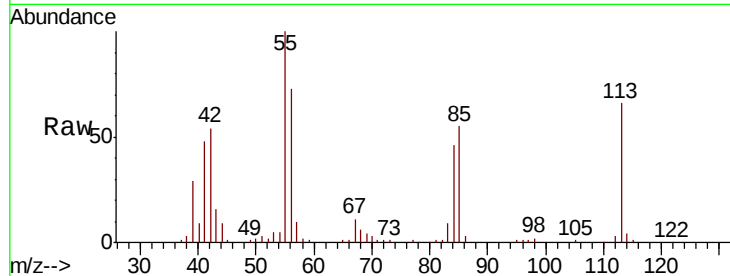
#35
Caprolactam
Concen: 54.402 ng/ml
RT: 11.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.0	129.9	169.9
56	111.4	92.5	132.5

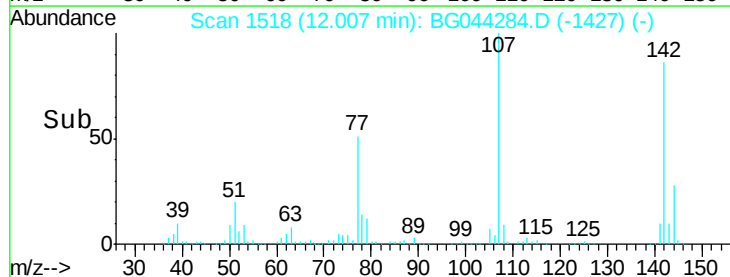
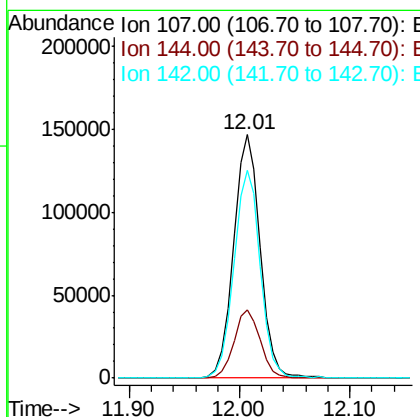
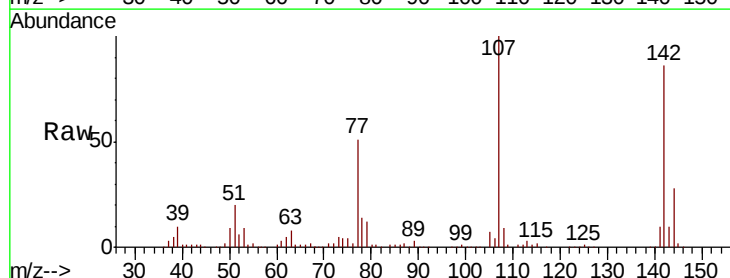
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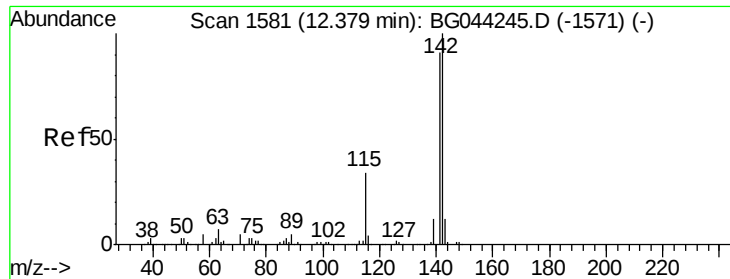
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#36
4-Chloro-3-methylphenol
Concen: 48.512 ng/ml
RT: 12.01 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.2	33.4
142	85.5	67.4	101.0





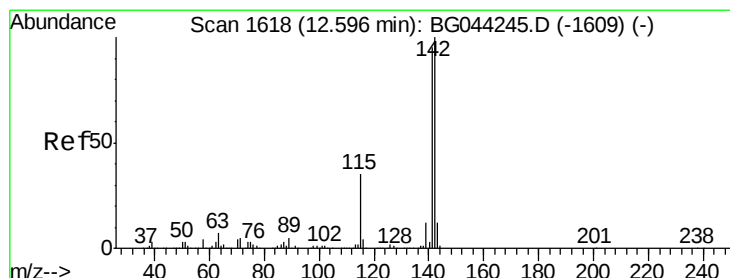
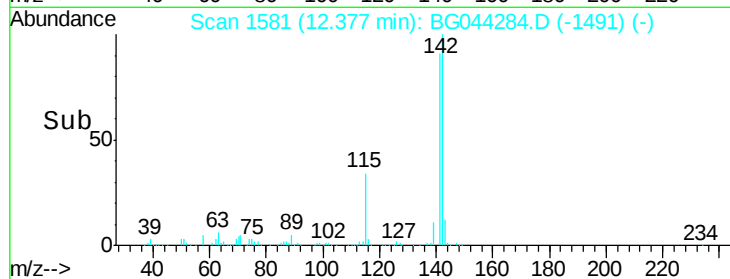
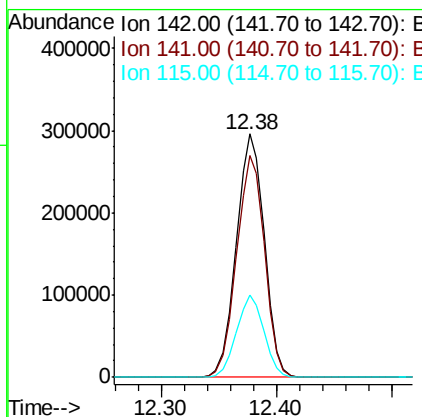
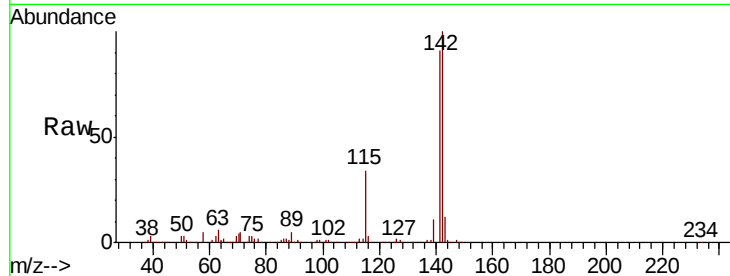
#37
2-Methylnaphthalene
Concen: 43.354 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
115	34.0	27.1	40.7

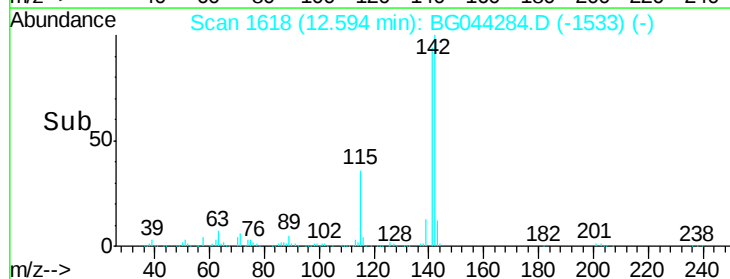
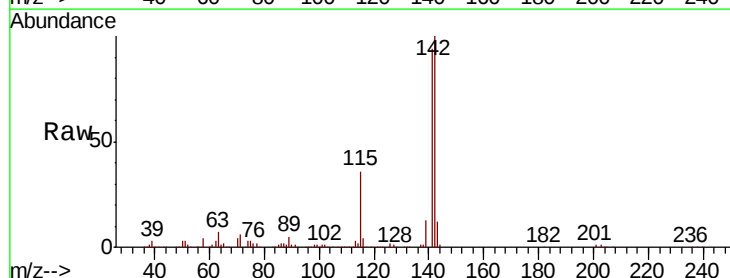
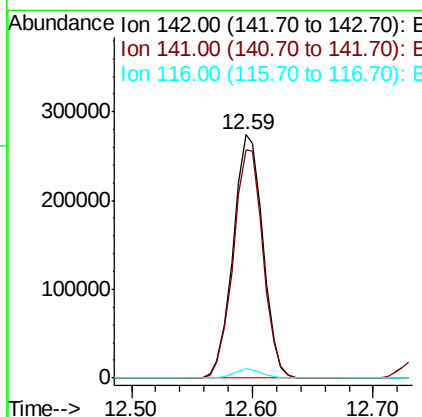
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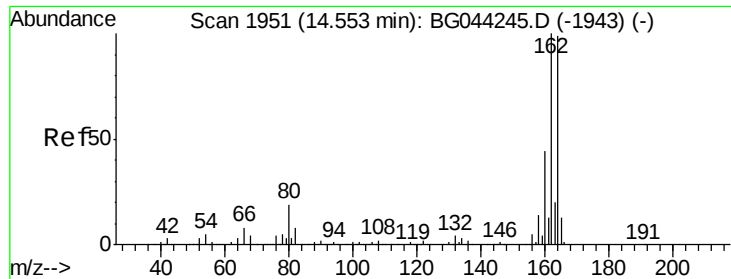
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#38
1-Methylnaphthalene
Concen: 43.615 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	3.9	3.1	4.7





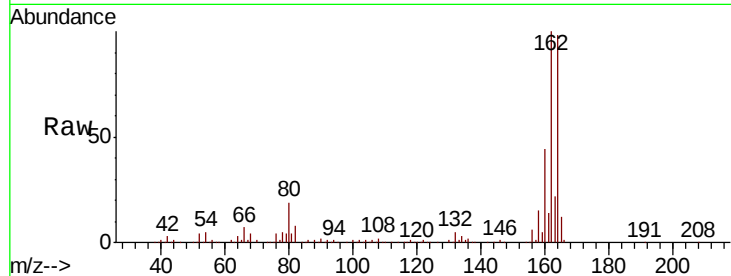
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	80.7	121.1	
160	45.5	35.3	52.9	

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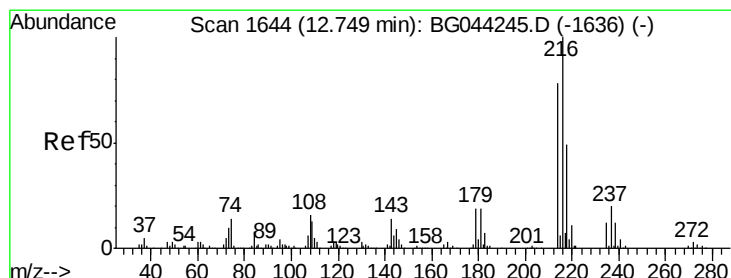
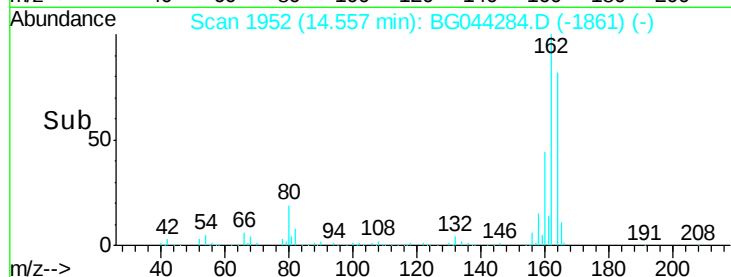
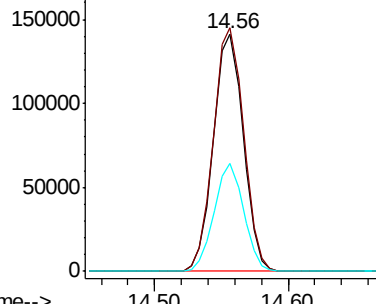


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.368 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.0	94.6	
179	20.6	16.2	24.4	
108	18.9	13.5	20.3	

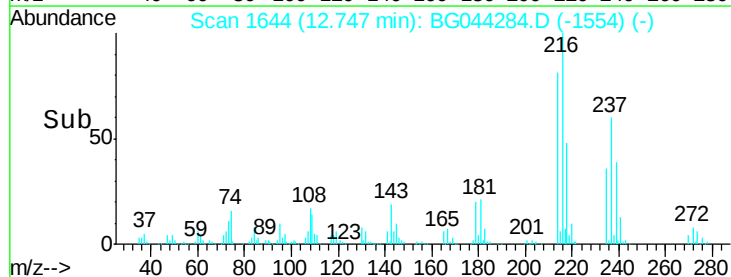
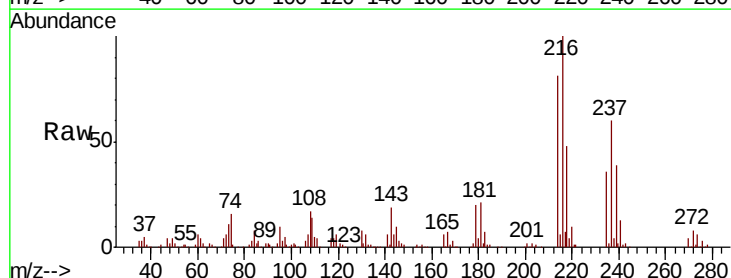
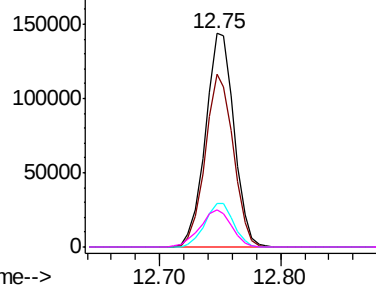
Abundance

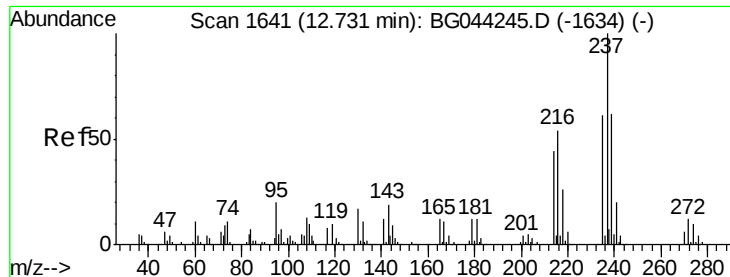
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.278 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

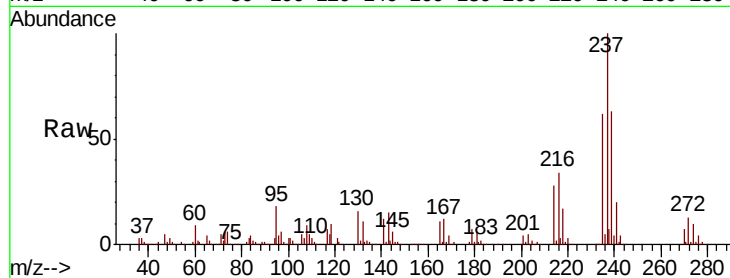
ClientSampleId :

PB126459BSD

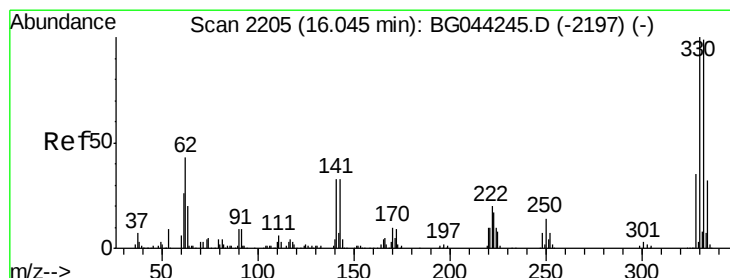
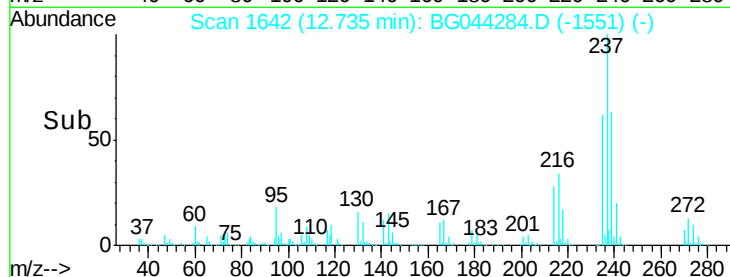
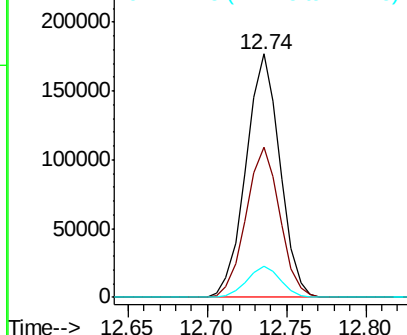
Tot Ion:	237	Resp:	263908
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.2	81.2
272	12.7	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 131.639 ng

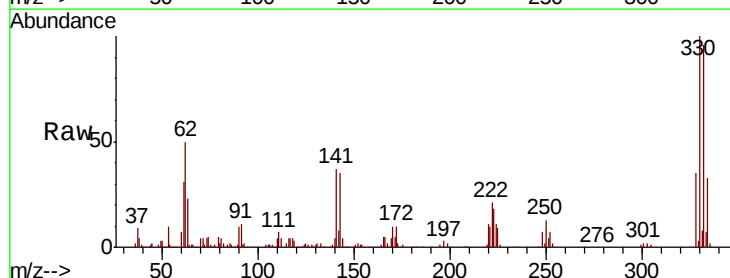
RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

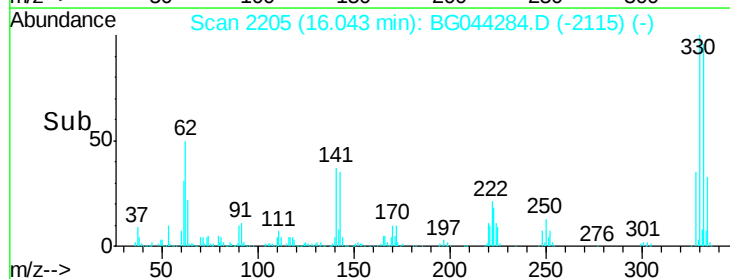
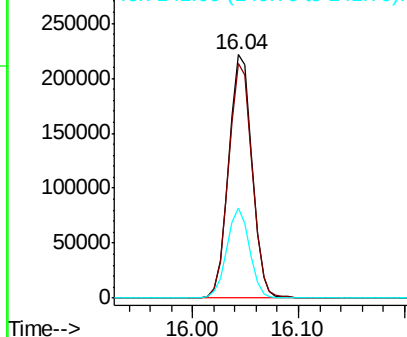
Lab File: BG044284.D

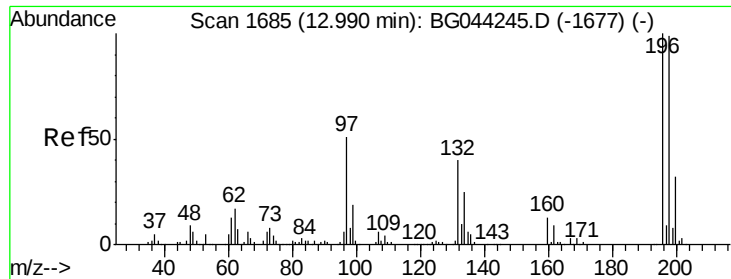
Acq: 4 Feb 2020 17:17

Tgt Ion:	330	Resp:	337144
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	36.0	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





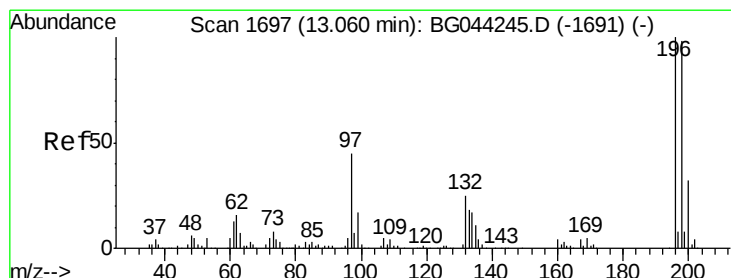
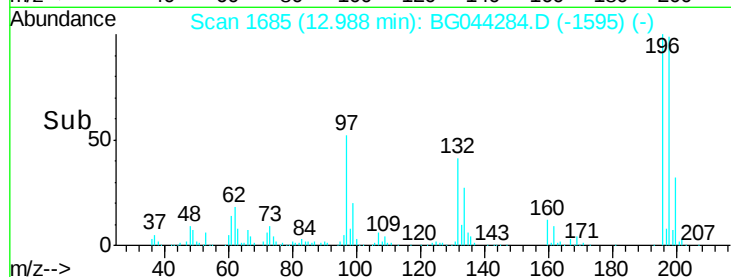
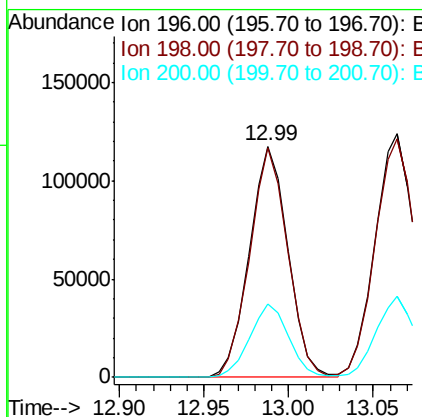
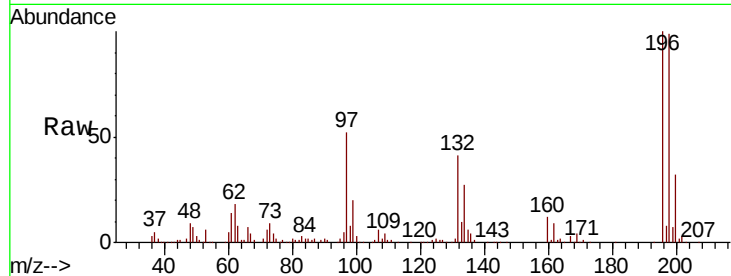
#43
 2,4,6-Trichlorophenol
 Concen: 44.297 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186858		
198	98.9	79.3	118.9	
200	31.8	25.7	38.5	

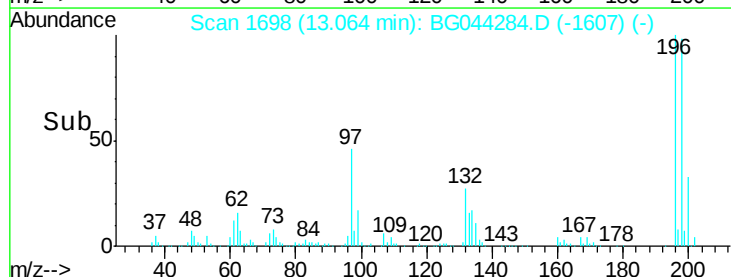
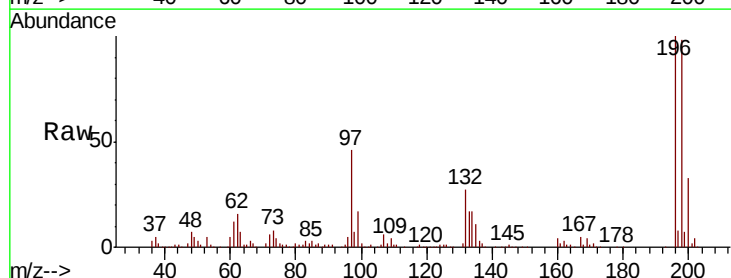
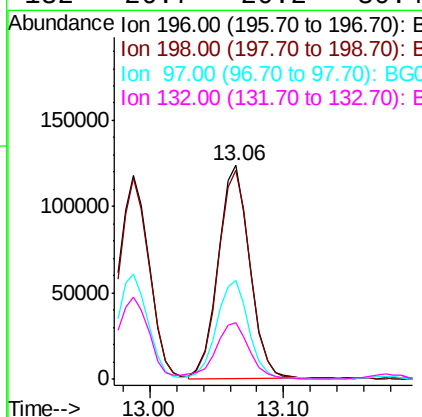
Manual Integrations
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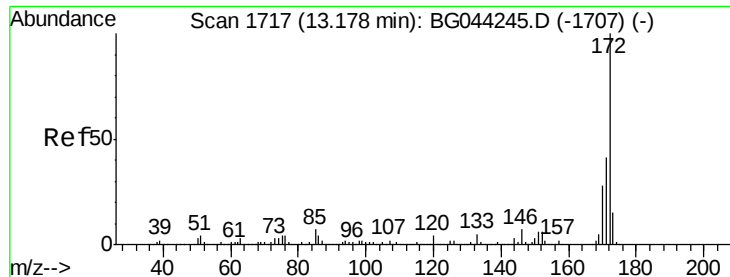
mohammad
 2/6/2020 2:17:51 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.766 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205800		
198	97.9	78.2	117.2	
97	46.1	36.2	54.4	
132	26.7	20.2	30.4	





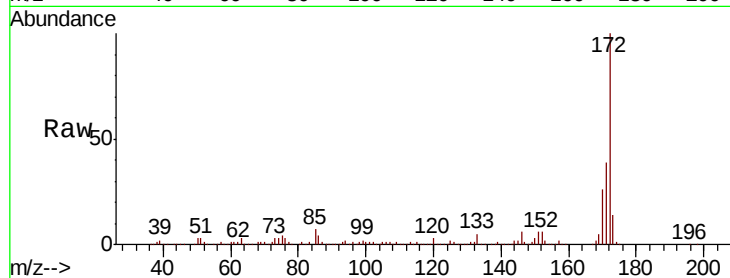
#45
2-Fluorobiphenyl
Concen: 69.313 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.9	49.3
170	25.7	22.0	33.0

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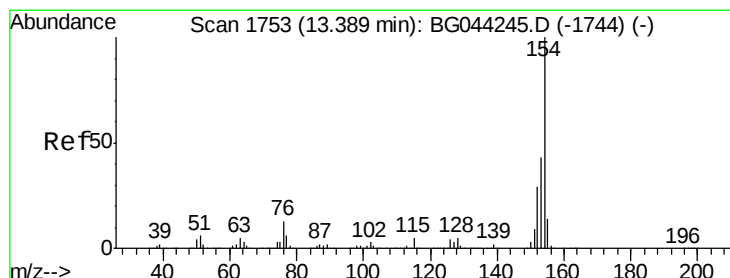
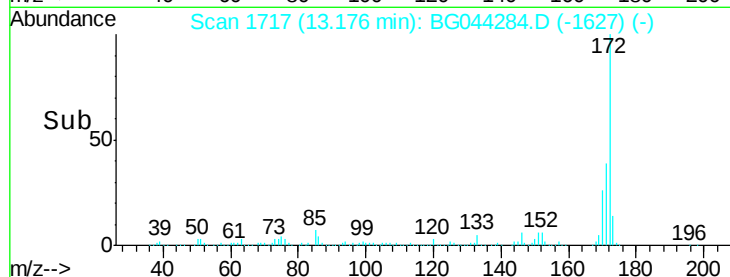
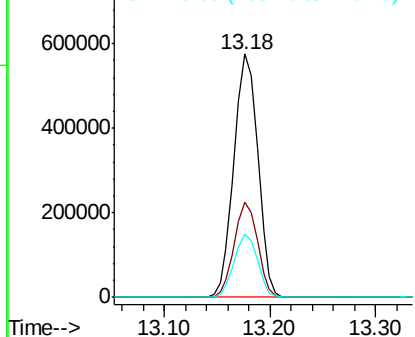


Abundance

Ion 172.00 (171.70 to 172.70): E

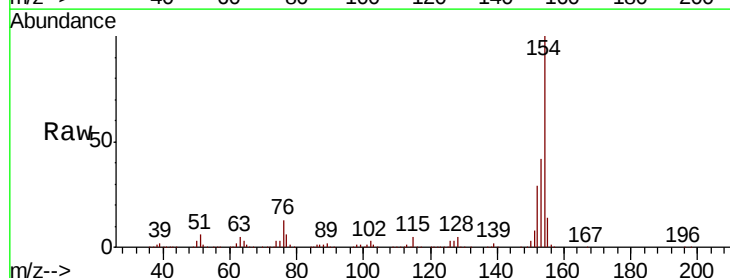
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.253 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.7	62.7
76	12.9	0.0	32.9

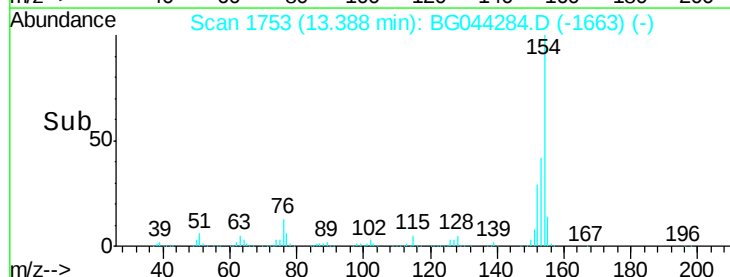
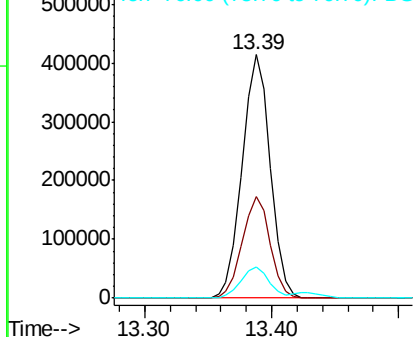


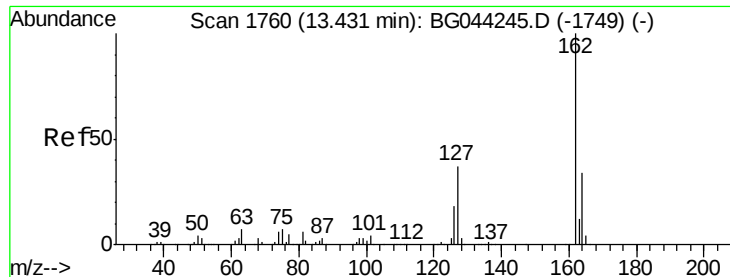
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





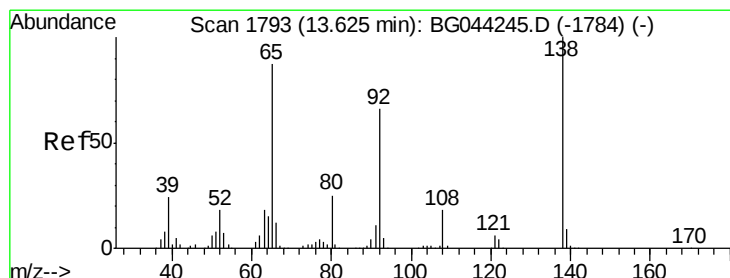
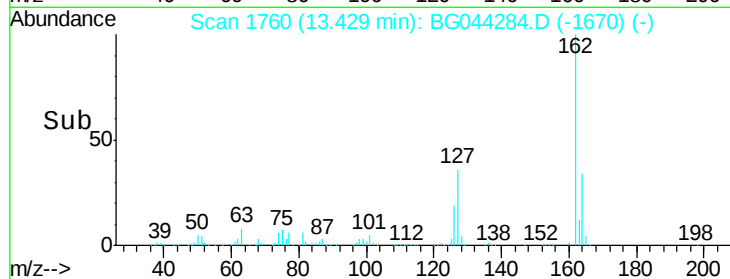
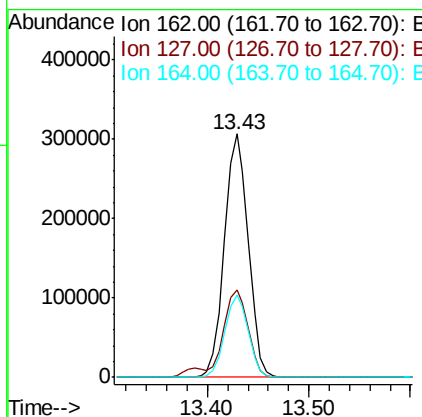
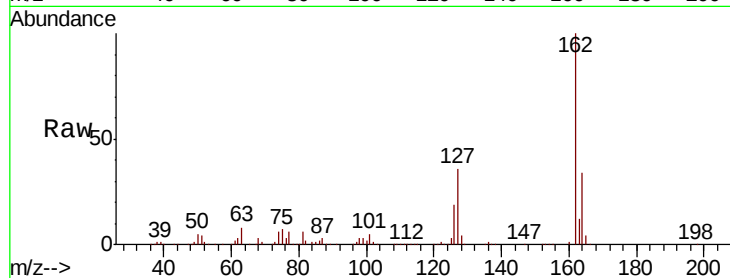
#47
2-Chloronaphthalene
Concen: 39.785 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.0	45.0
164	33.7	27.2	40.8

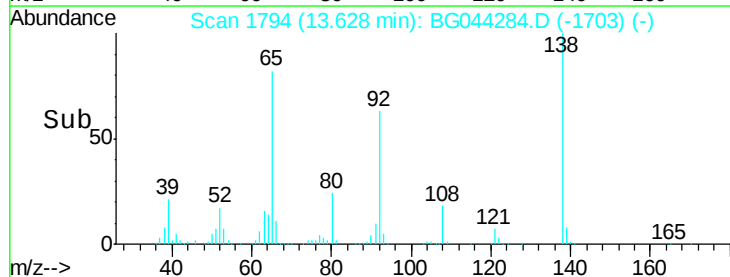
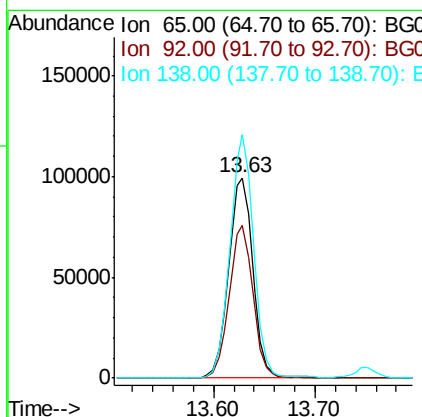
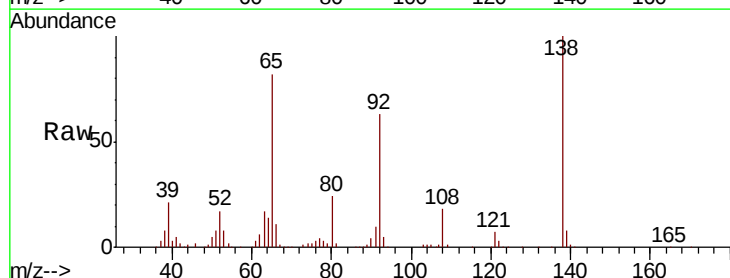
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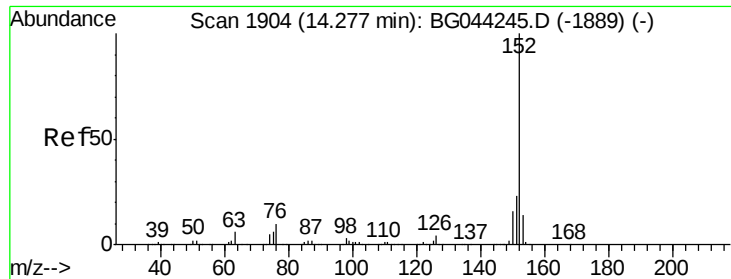
mohammad
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#48
2-Nitroaniline
Concen: 44.879 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	60.3	90.5
138	121.6	91.9	137.9





#49

Acenaphthylene

Concen: 44.489 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

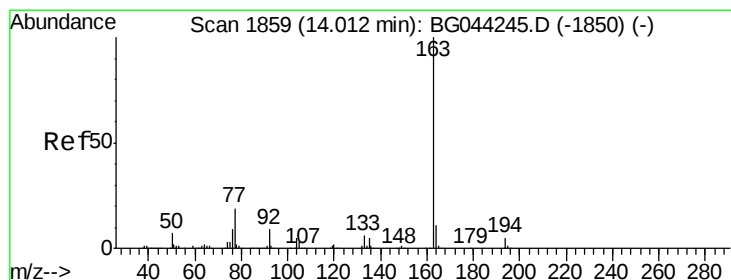
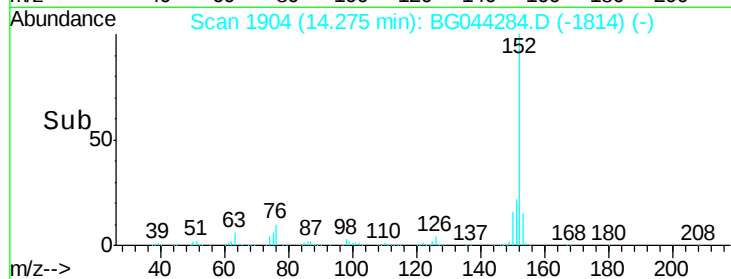
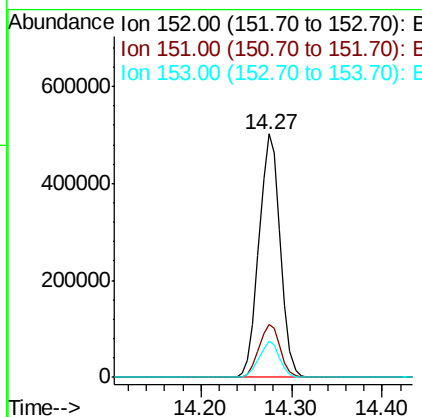
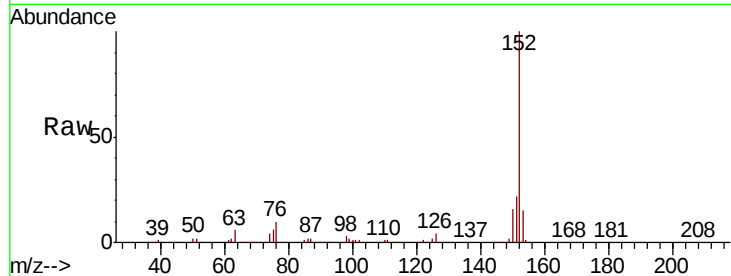
ClientSampleId :

PB126459BSD

Tot Ion:	152	Resp:	817131
Ion Ratio	Lower	Upper	
152	100		
151	21.9	18.1	27.1
153	14.7	11.5	17.3

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#50

Dimethylphthalate

Concen: 43.424 ng

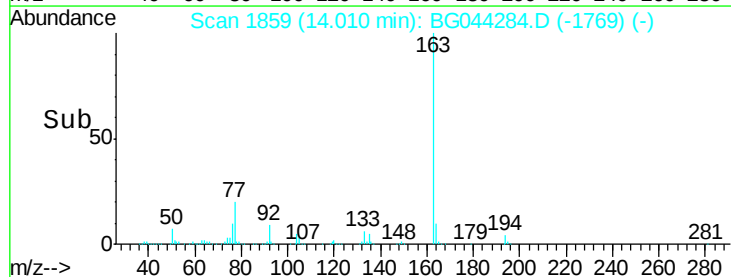
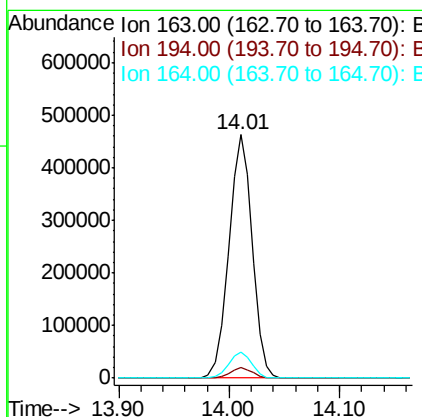
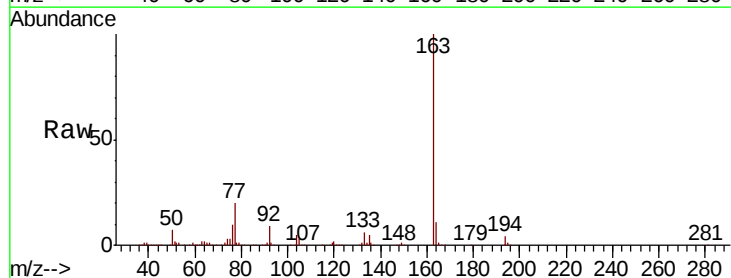
RT: 14.01 min Scan# 1859

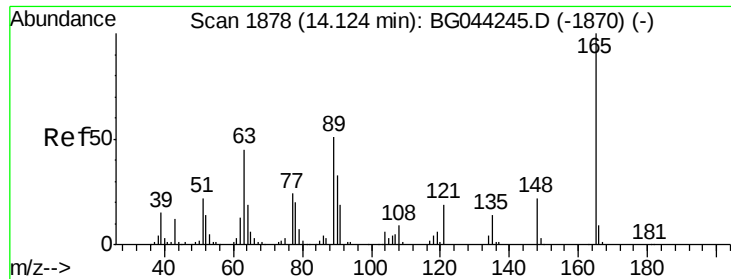
Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:	163	Resp:	680992
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.5	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 45.607 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

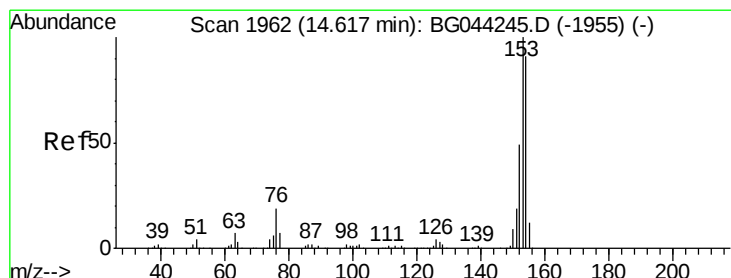
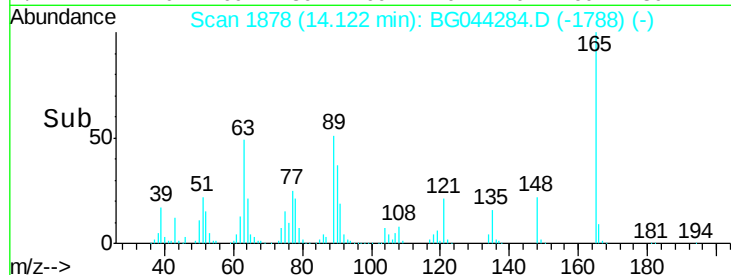
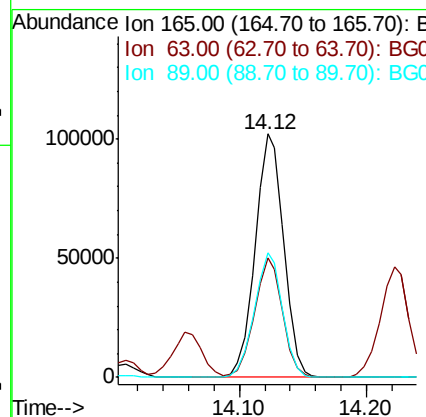
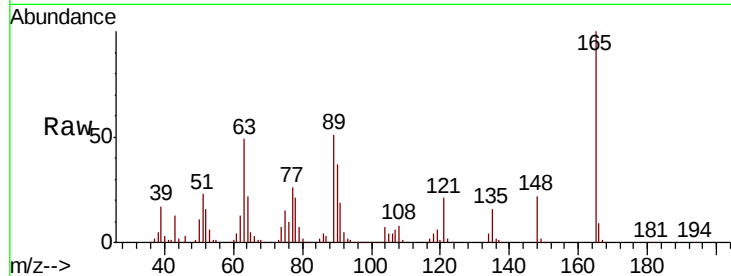
ClientSampled :

PB126459BSD

Tot Ion:	165	Resp:	159472
Ion Ratio	Lower	Upper	
165	100		
63	49.3	38.7	58.1
89	51.3	40.4	60.6

Manual Integrations
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#52

Acenaphthene

Concen: 42.018 ng

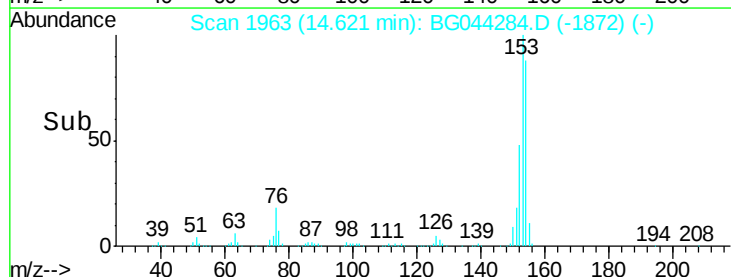
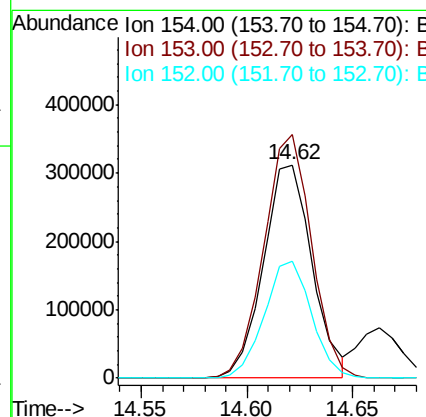
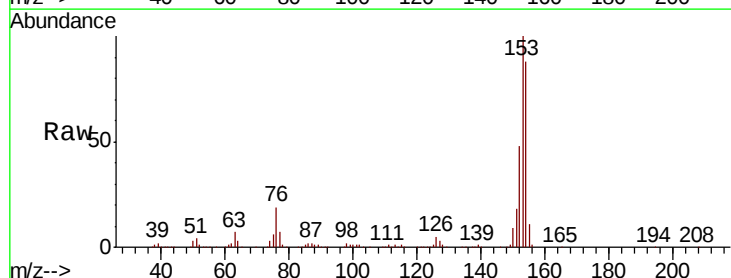
RT: 14.62 min Scan# 1963

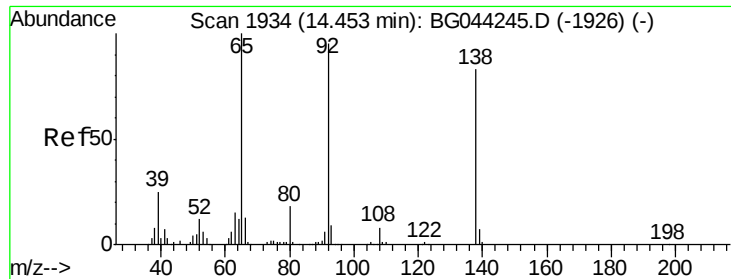
Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:	154	Resp:	500218
Ion Ratio	Lower	Upper	
154	100		
153	114.2	87.9	131.9
152	55.0	43.1	64.7





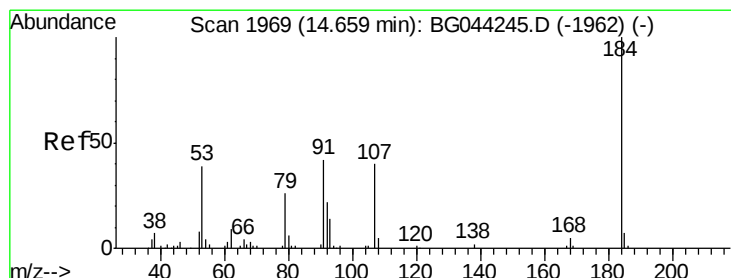
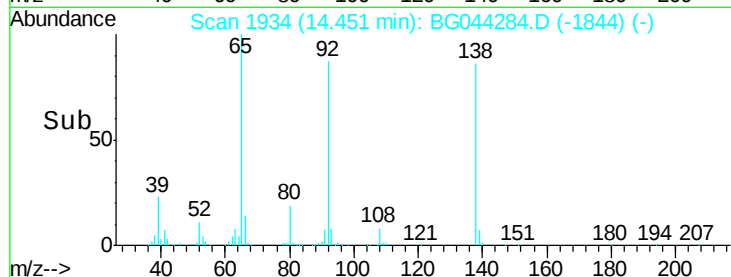
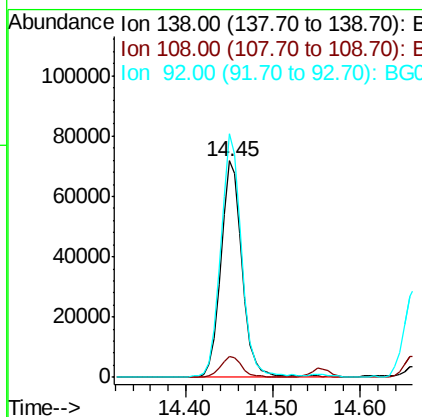
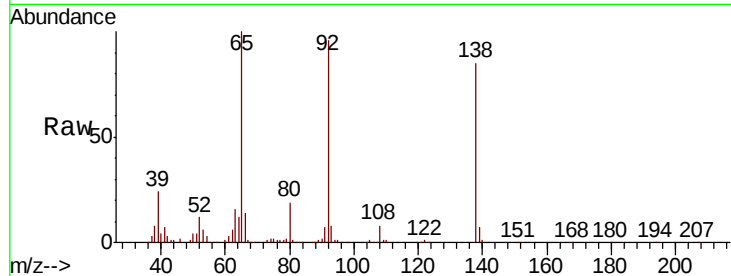
#53
3-Nitroaniline
Concen: 31.123 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	112.5	91.0	136.4

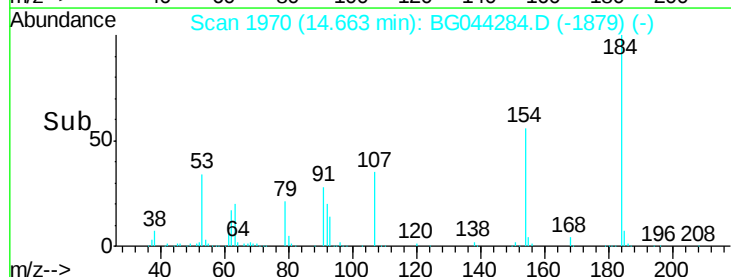
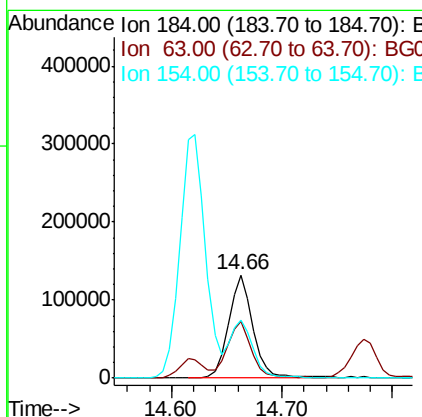
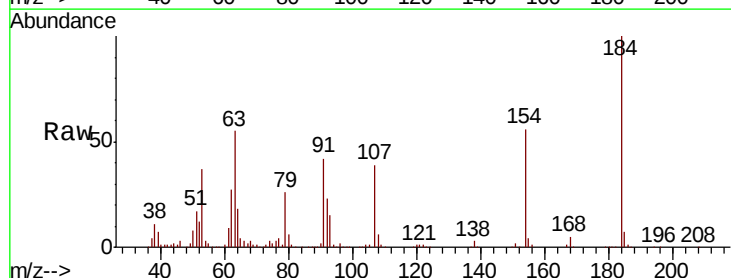
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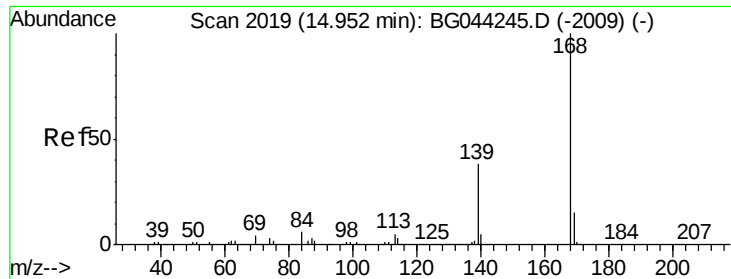
mohammad
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#54
2,4-Dinitrophenol
Concen: 97.029 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.7	44.1	66.1
154	55.7	45.4	68.0





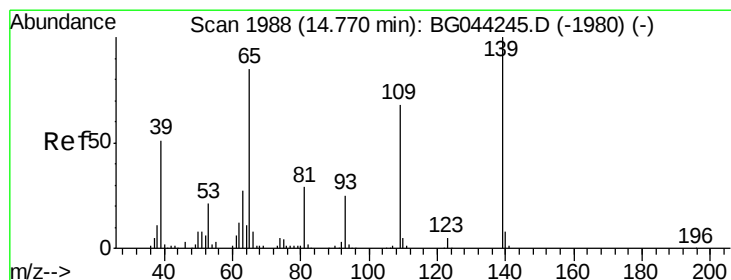
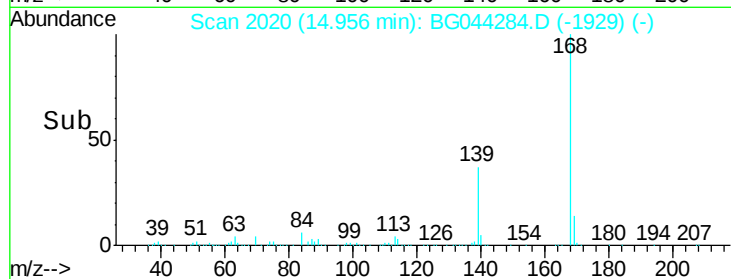
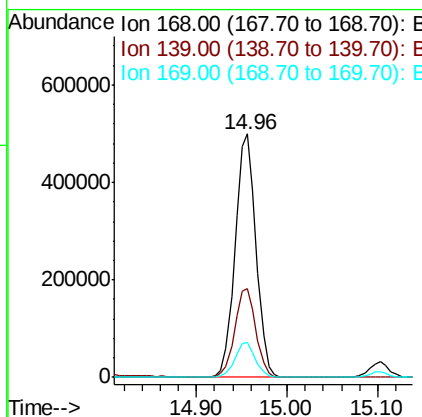
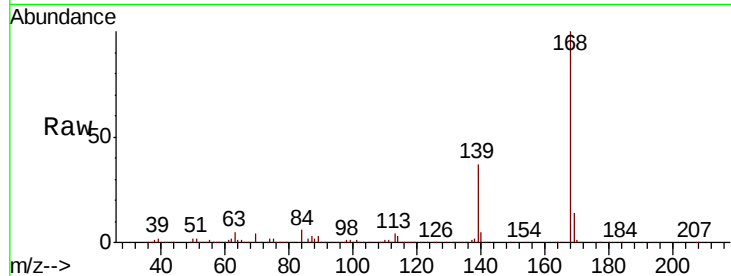
#55
Dibenzofuran
Concen: 44.217 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.5	45.7
169	14.4	11.7	17.5

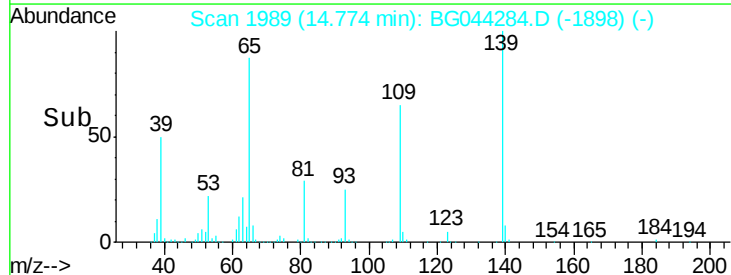
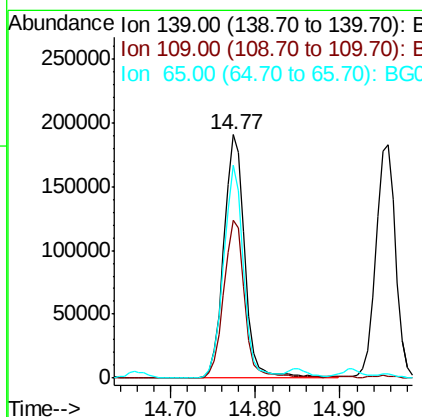
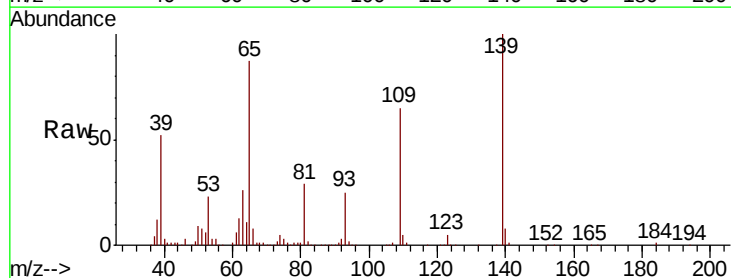
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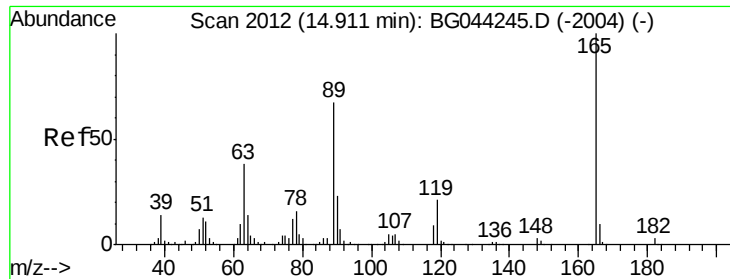
mohammad
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#56
4-Nitrophenol
Concen: 115.529 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	47.5	87.5
65	87.3	64.9	104.9





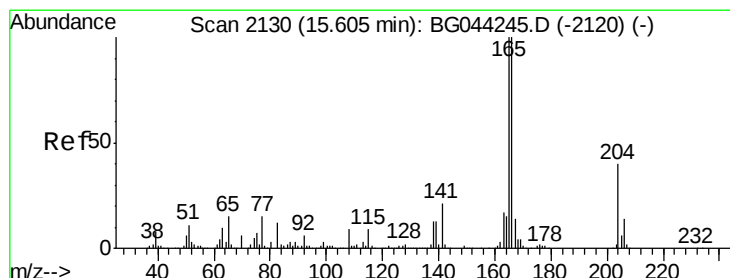
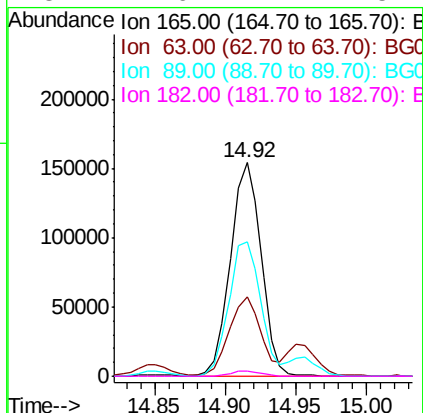
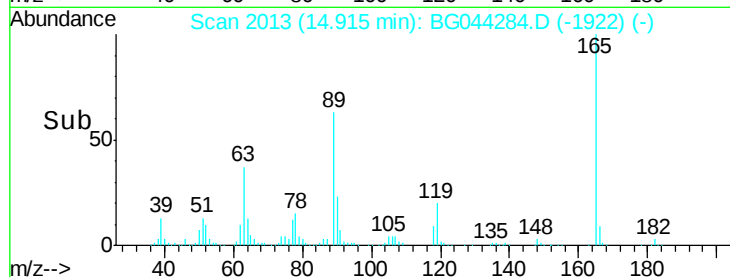
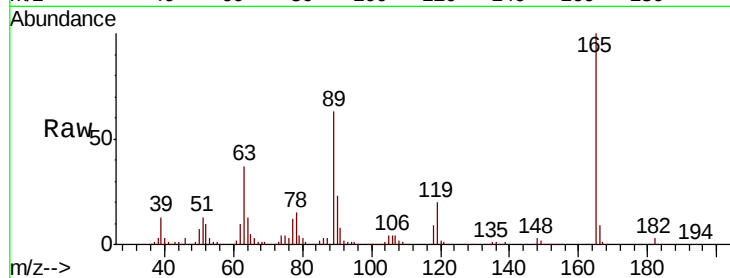
#57
2,4-Dinitrotoluene
Concen: 47.496 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		232767		
63	37.3		30.3	45.5	
89	62.7		53.4	80.2	
182	2.6		2.1	3.1	

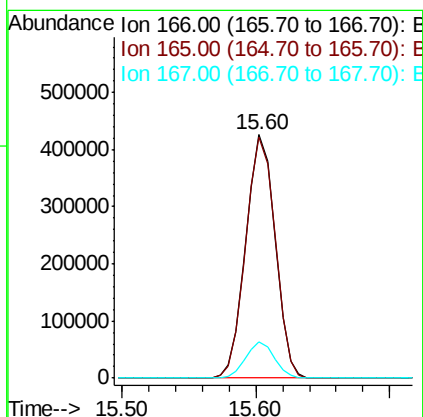
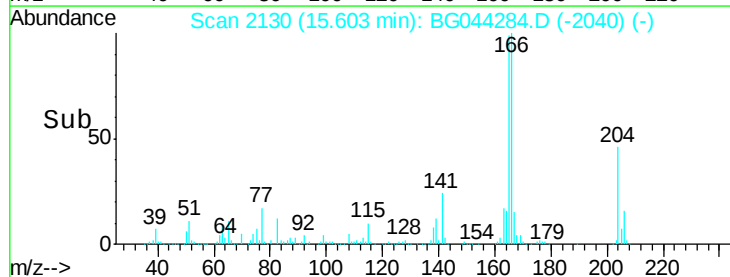
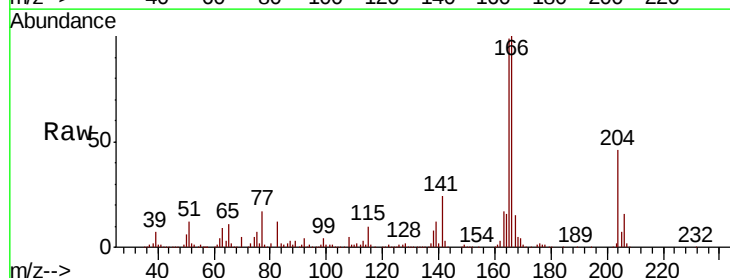
Manual Integrations
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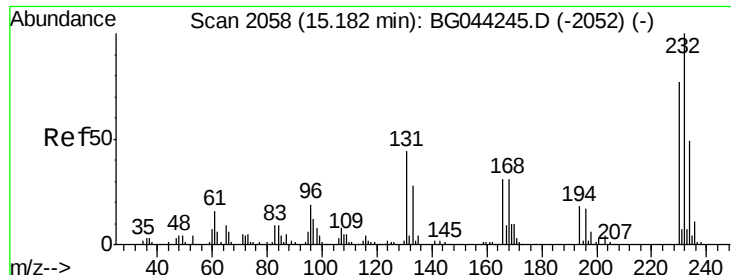
mohammad
2/6/2020 2:17:51 PM



#58
Fluorene
Concen: 45.527 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		646325		
165	99.1		79.9	119.9	
167	14.8		11.4	17.0	





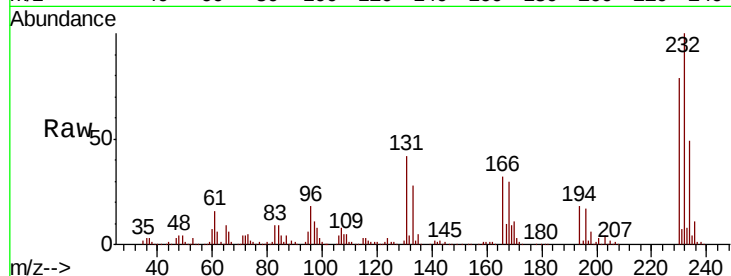
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.442 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

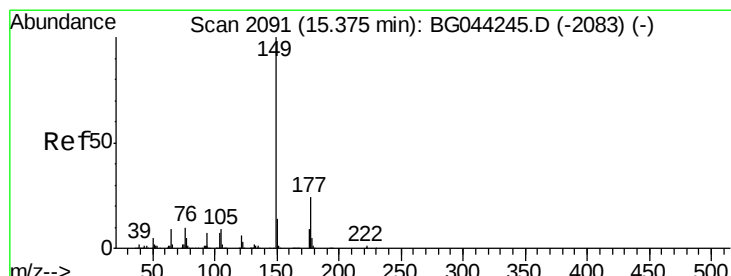
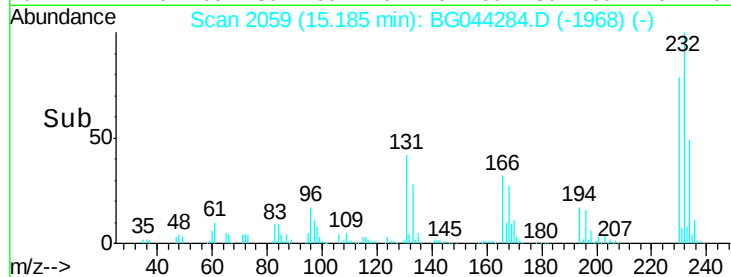
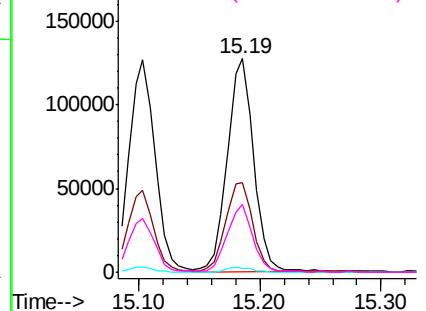
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	43.0	34.2	51.4
130	2.4	1.8	2.8
166	30.9	23.8	35.8

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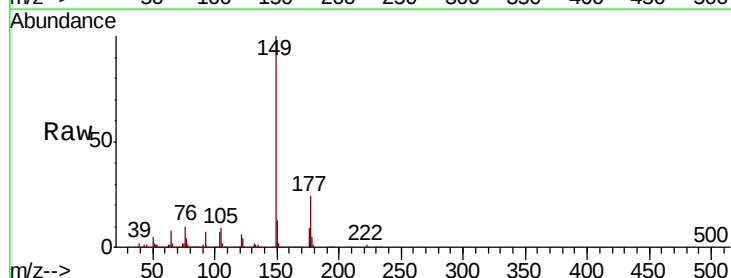


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

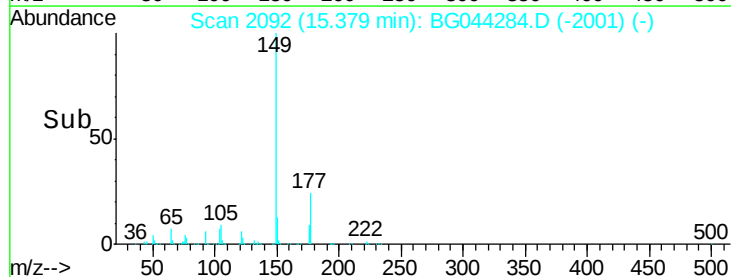
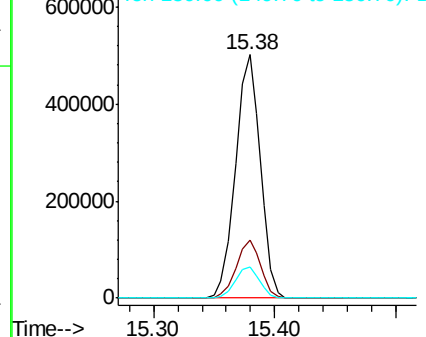


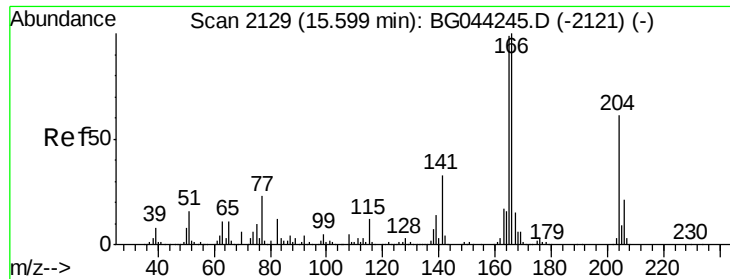
#60
 Diethylphthalate
 Concen: 45.663 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.7	19.4	29.0
150	12.9	10.9	16.3



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





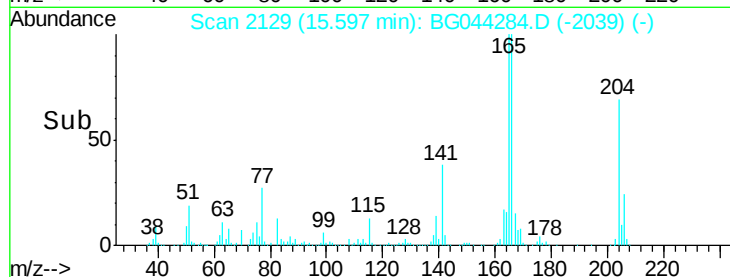
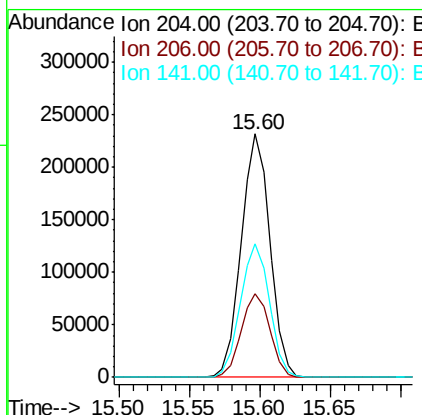
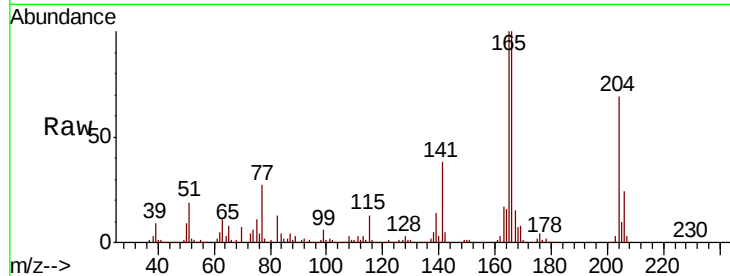
#61
 4-Chlorophenyl-phenylether
 Concen: 42.762 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.5	27.6	41.4	
141	55.0	43.4	65.0	

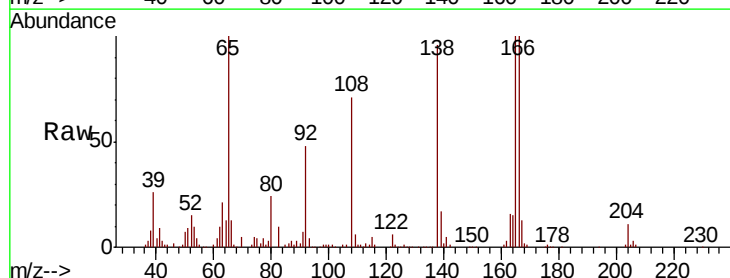
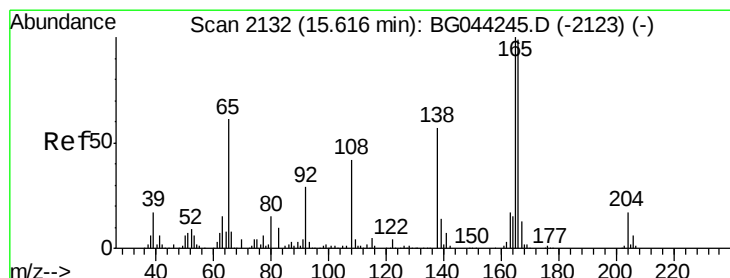
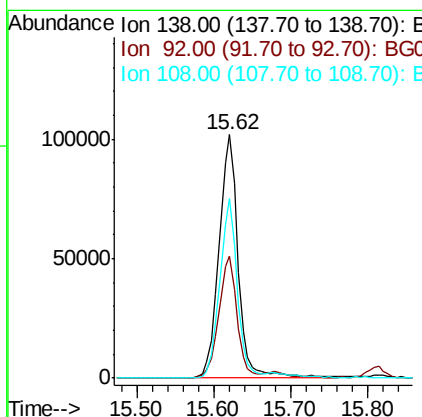
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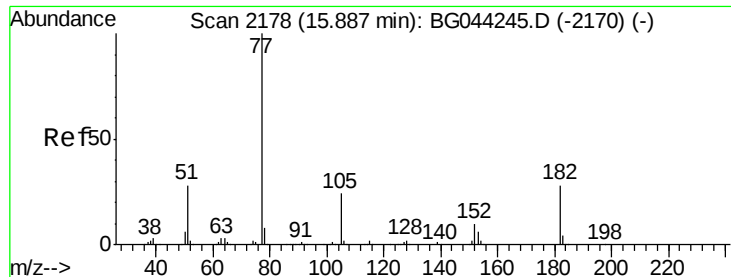
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#62
 4-Nitroaniline
 Concen: 45.690 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	50.2	31.3	71.3	
108	73.5	52.6	92.6	





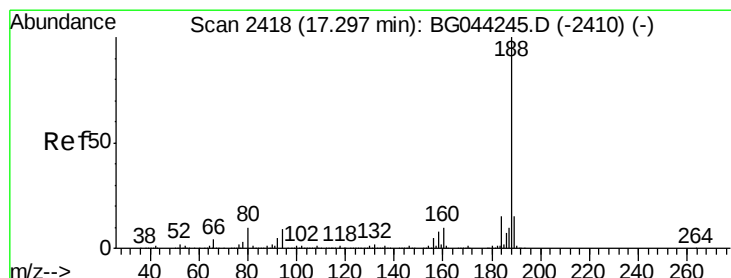
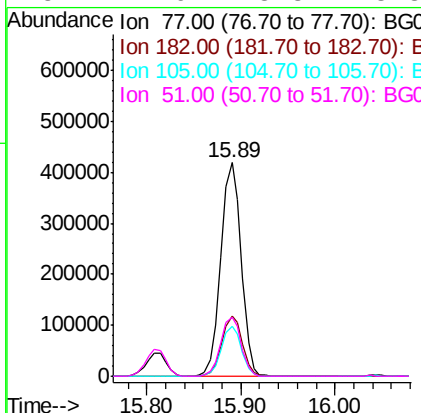
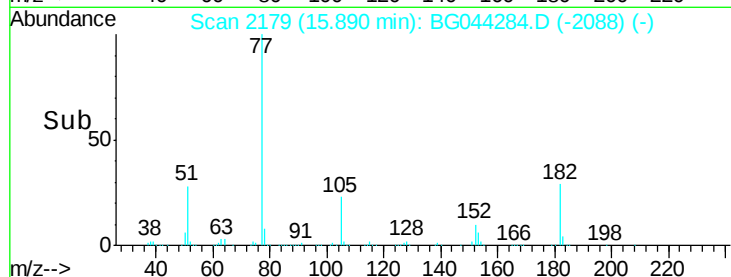
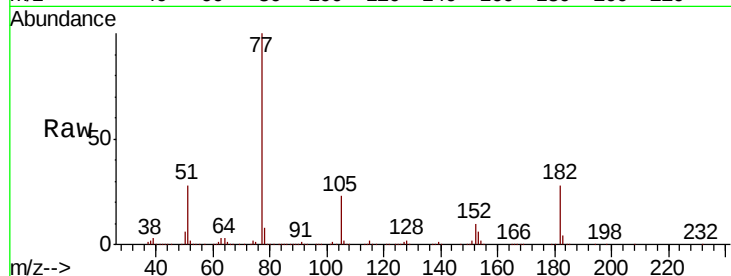
#63
Azobenzene
Concen: 46.033 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.4	8.2	48.2	
105	23.4	3.6	43.6	
51	27.9	8.3	48.3	

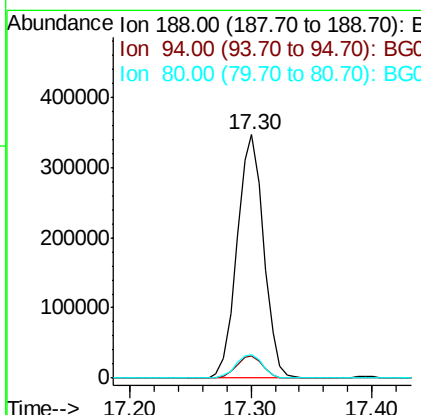
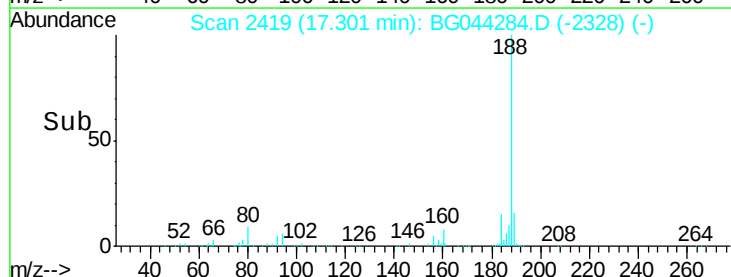
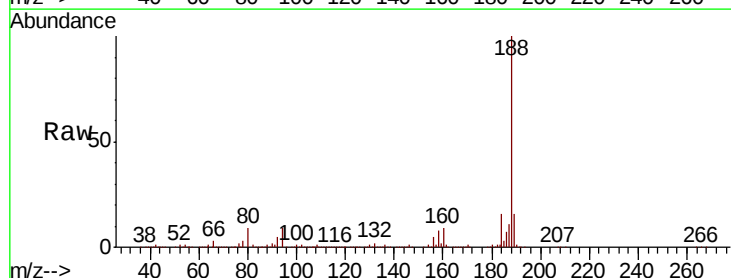
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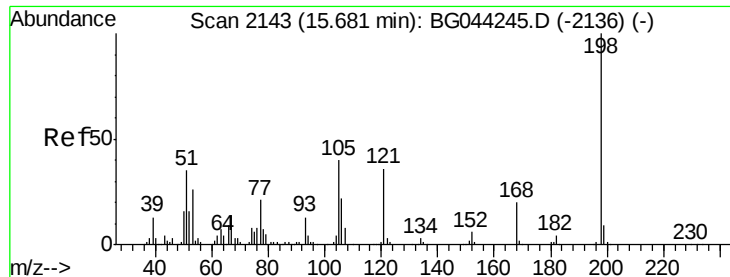
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.4	11.2	
80	9.5	7.7	11.5	





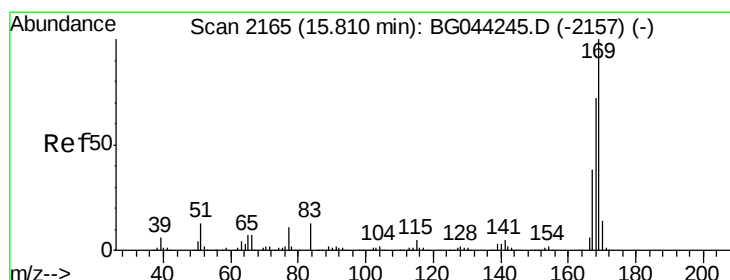
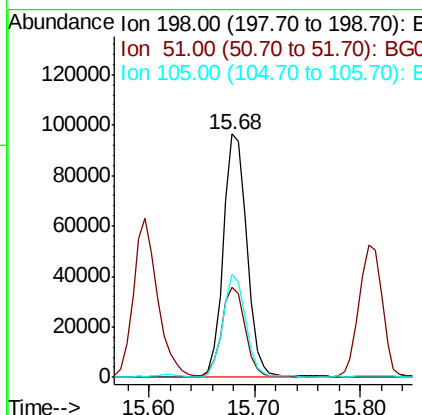
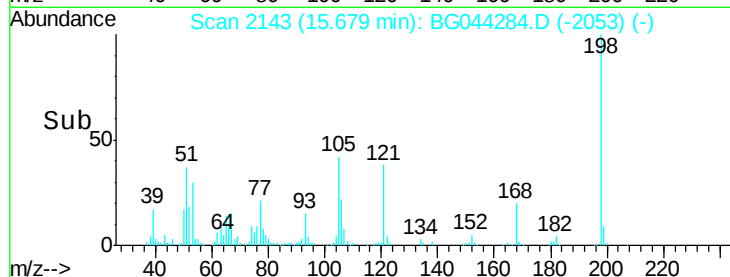
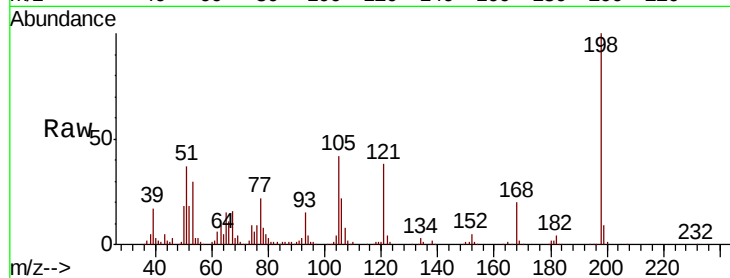
#65
4,6-Dinitro-2-methylphenol
Concen: 50.794 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	149659		
51	37.1	16.6	56.6	
105	42.3	20.6	60.6	

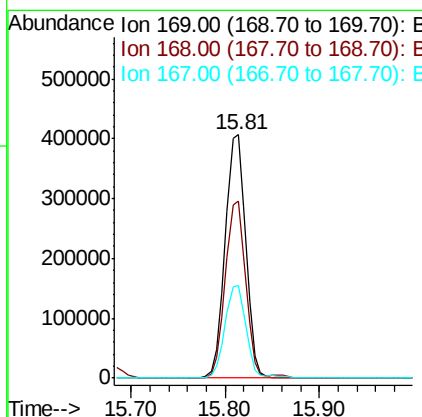
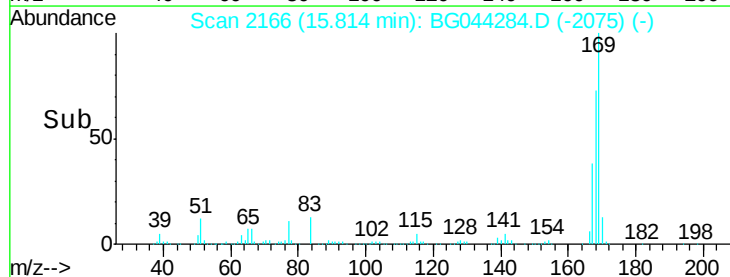
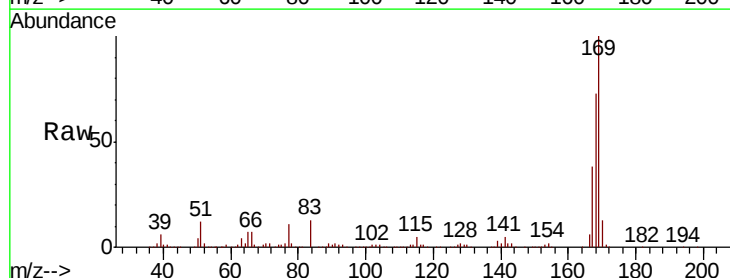
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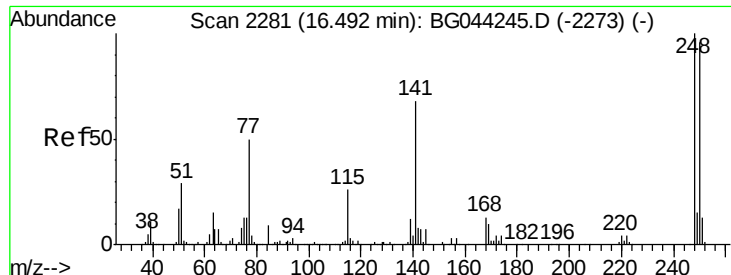
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#66
n-Nitrosodiphenylamine
Concen: 41.540 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	621380		
168	72.9	57.9	86.9	
167	37.9	30.7	46.1	





#67

4-Bromophenyl-phenylether

Concen: 38.433 ng

RT: 16.49 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

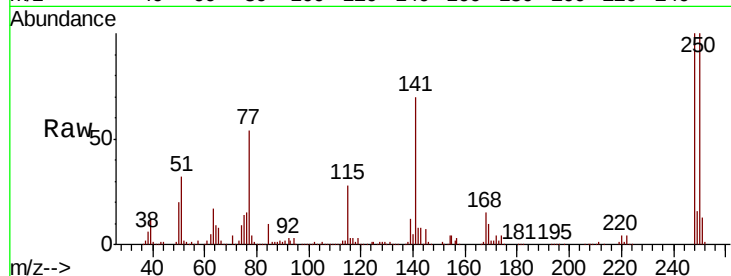
ClientSampleId :

PB126459BSD

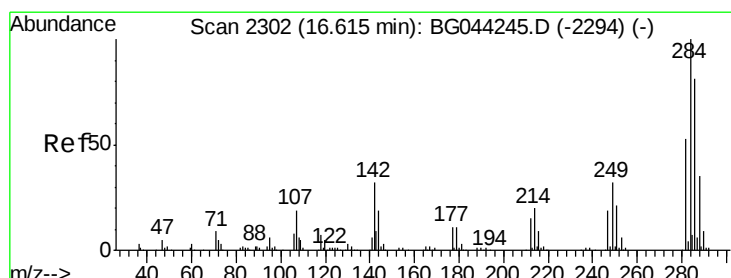
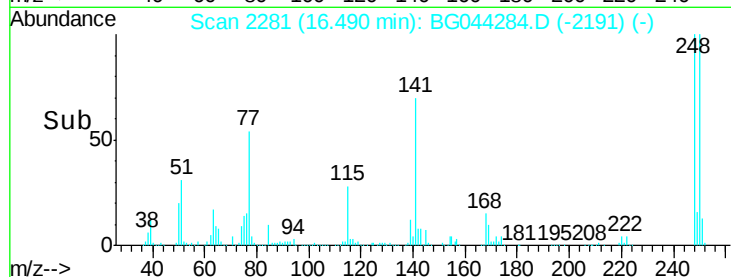
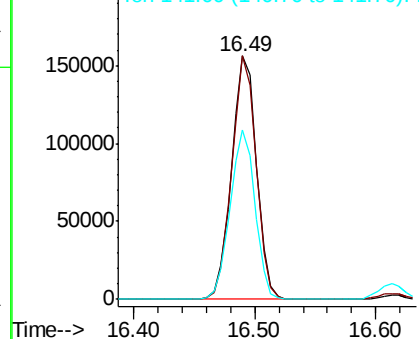
Tot Ion:	248	Resp:	223500
Ion Ratio	Lower	Upper	
248	100		
250	100.0	76.6	114.8
141	69.6	54.7	82.1

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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: 37.728 ng

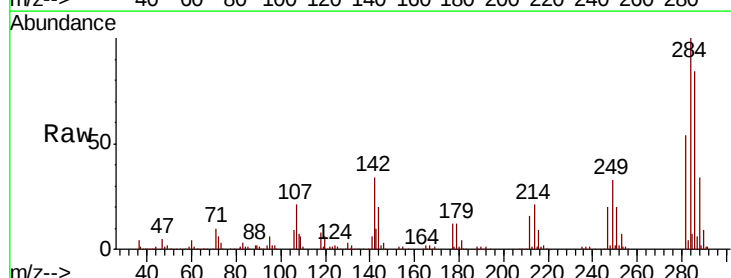
RT: 16.61 min Scan# 2302

Delta R.T. -0.00 min

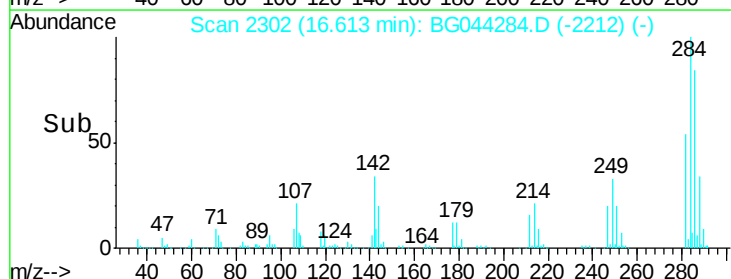
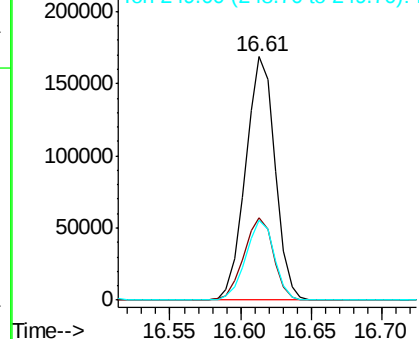
Lab File: BG044284.D

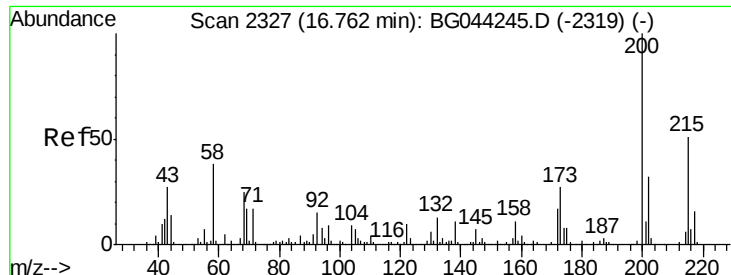
Acq: 4 Feb 2020 17:17

Tgt Ion:	284	Resp:	245801
Ion Ratio	Lower	Upper	
284	100		
142	33.6	25.3	37.9
249	33.0	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





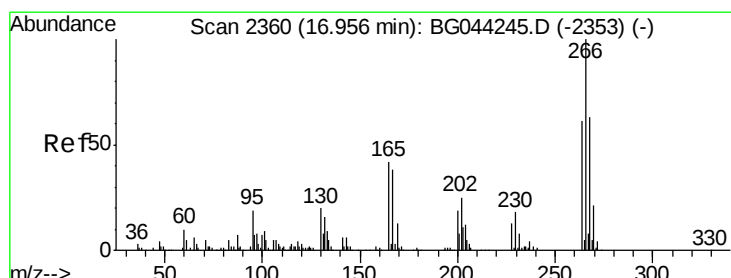
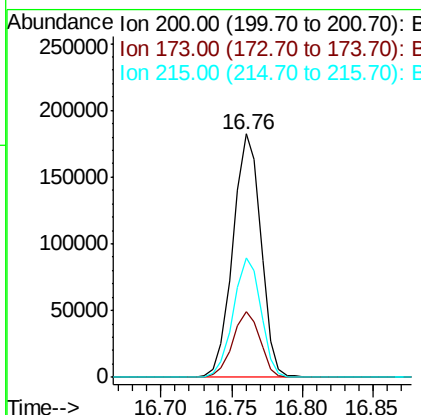
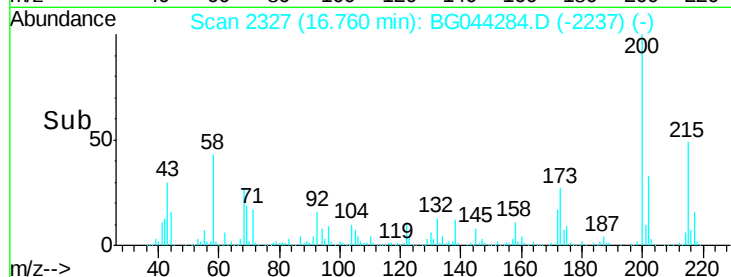
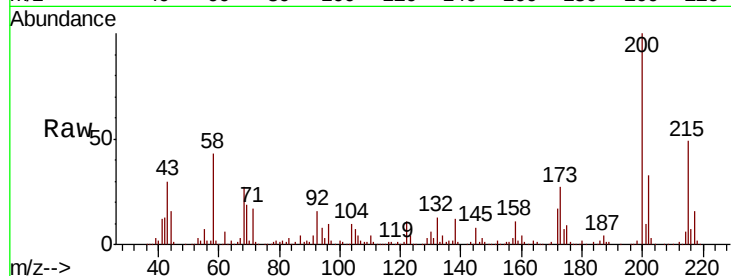
#69
 Atrazine
 Concen: 49.154 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.6	46.6
215	49.2	31.0	71.0

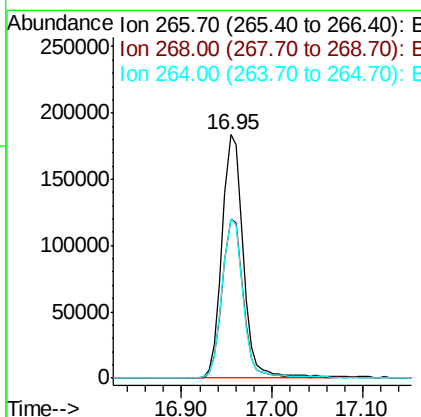
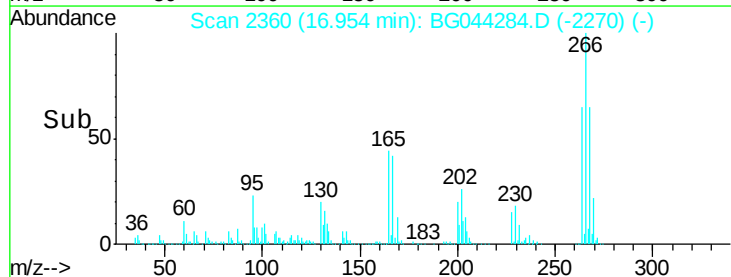
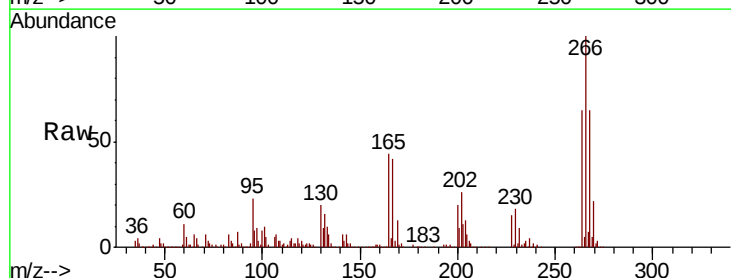
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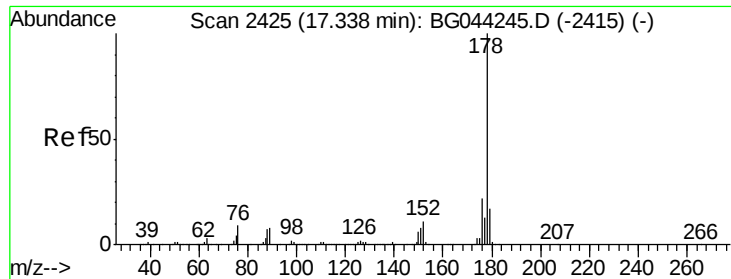
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#70
 Pentachlorophenol
 Concen: 90.738 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.1	50.6	75.8
264	65.3	48.7	73.1





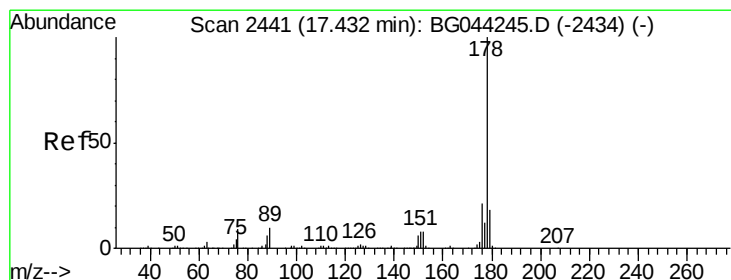
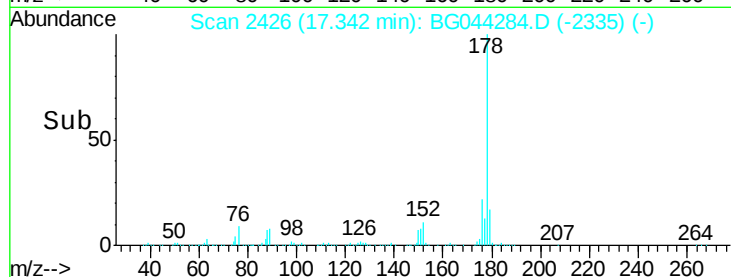
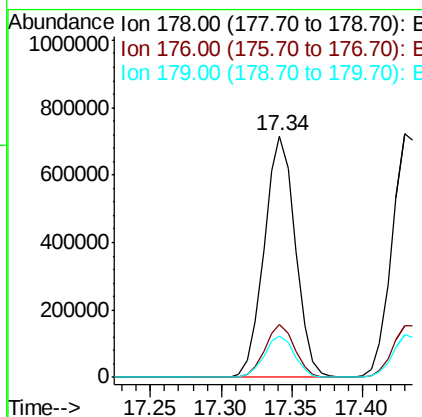
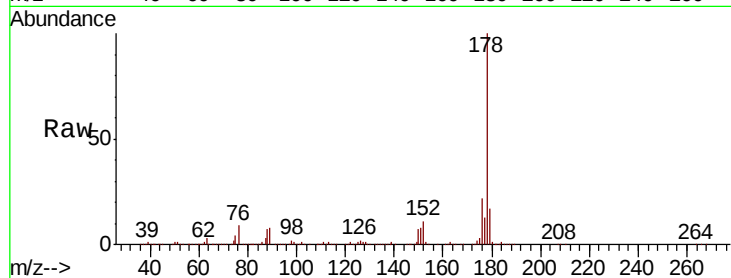
#71
Phenanthrene
Concen: 42.840 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion:178 Resp: 1107281
Ion Ratio Lower Upper
178 100
176 22.0 17.7 26.5
179 17.4 13.7 20.5

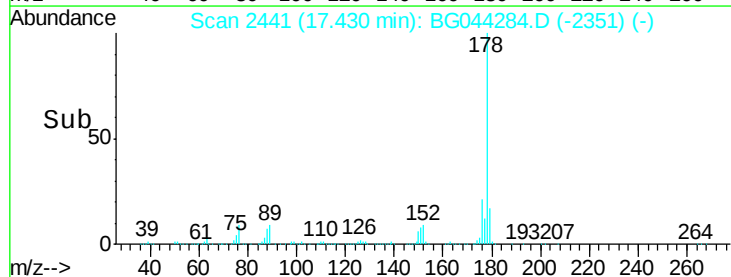
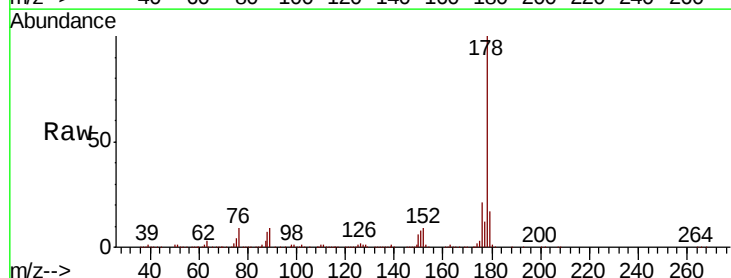
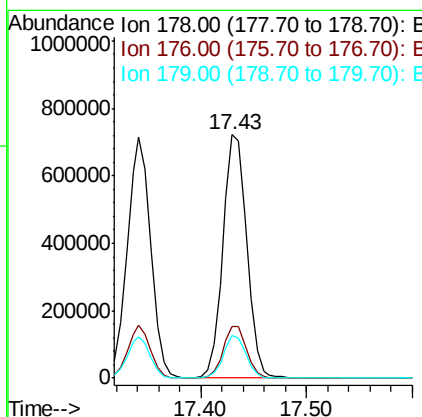
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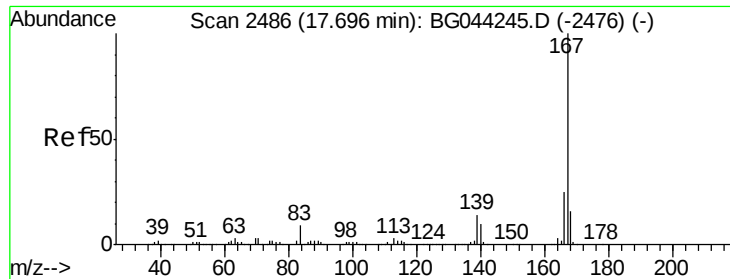
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#72
Anthracene
Concen: 44.137 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:178 Resp: 1127876
Ion Ratio Lower Upper
178 100
176 21.4 17.0 25.4
179 17.3 14.4 21.6





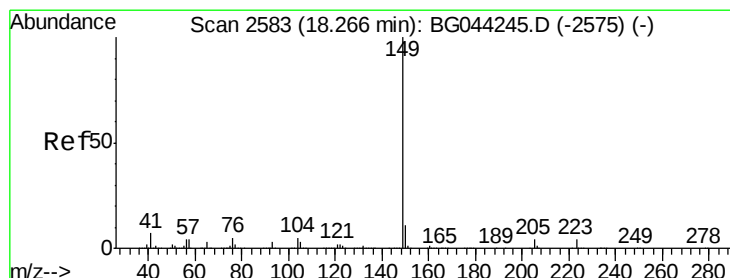
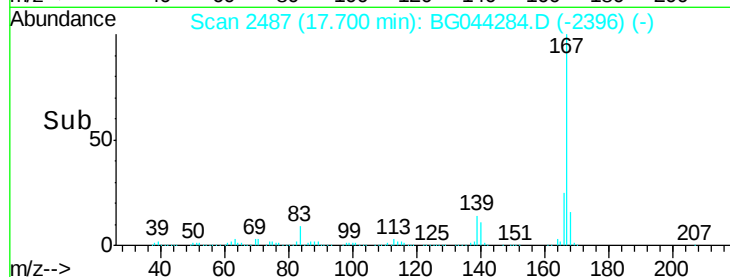
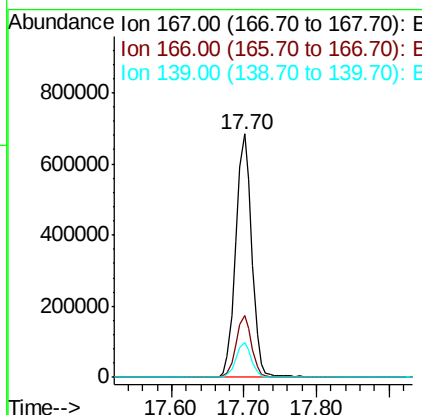
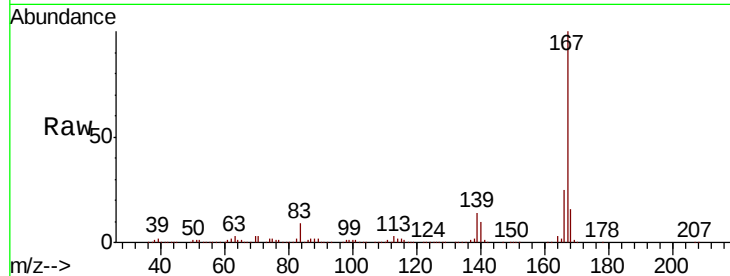
#73
 Carbazole
 Concen: 44.739 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.8	29.6
139	14.1	11.1	16.7

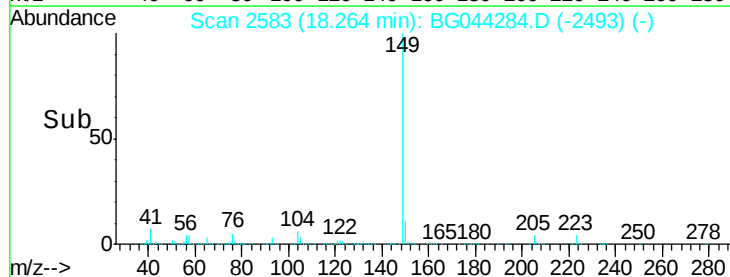
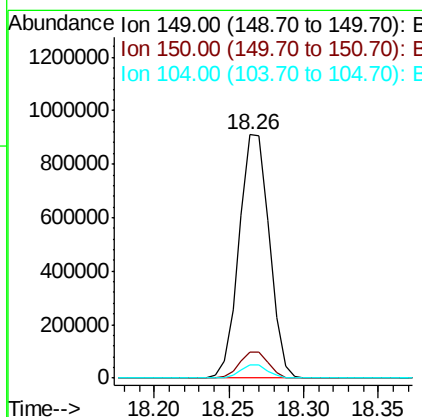
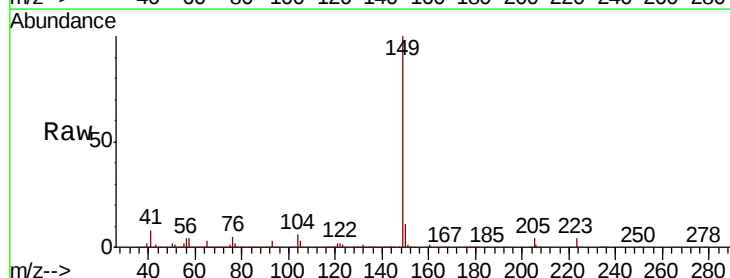
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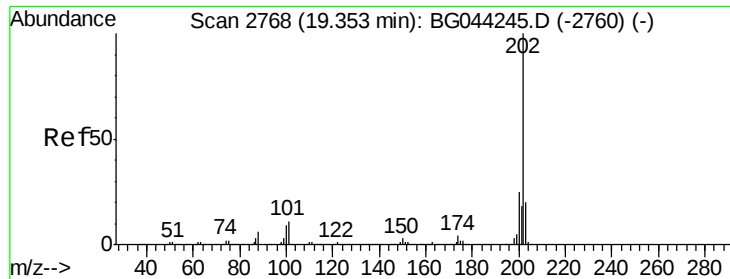
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.987 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 43.473 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

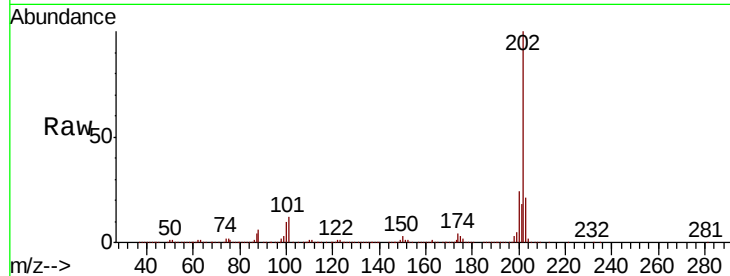
ClientSampleId :

PB126459BSD

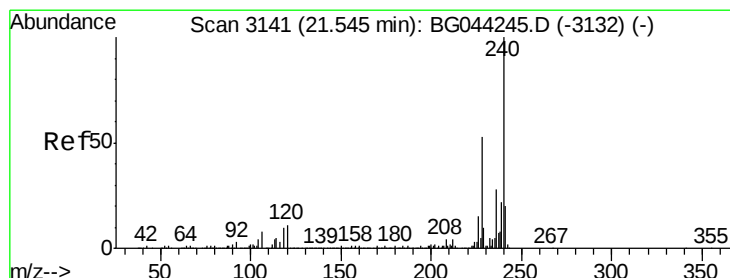
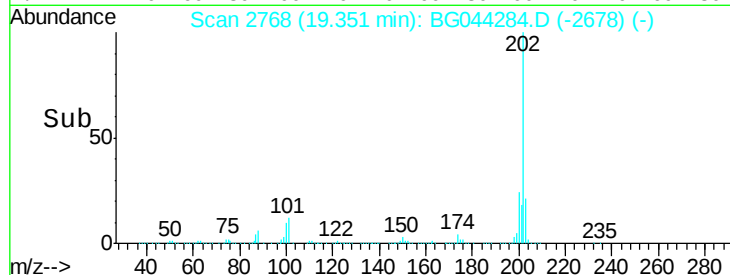
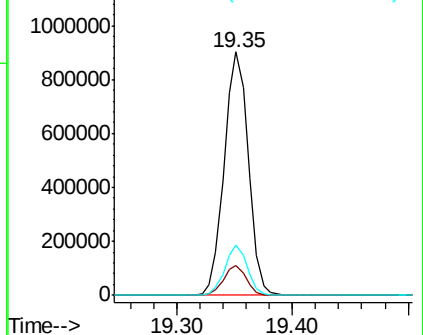
Tot Ion:	202	Resp:	1299850
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.3
203	20.7	0.0	39.9

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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

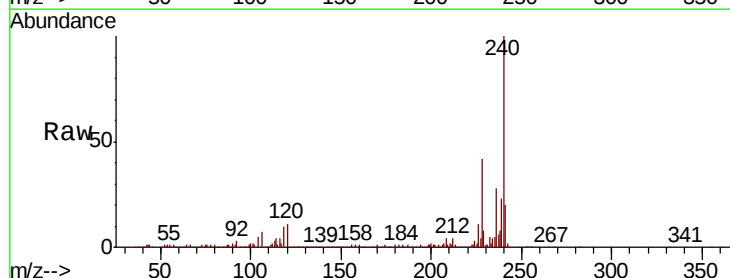
RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

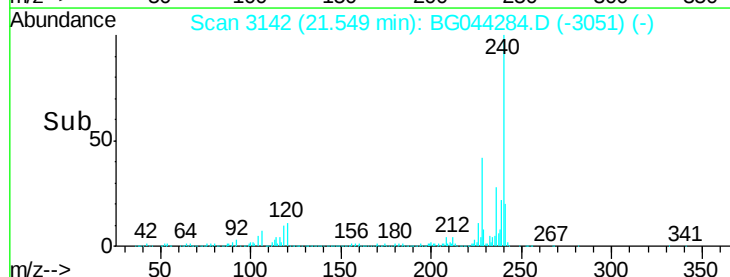
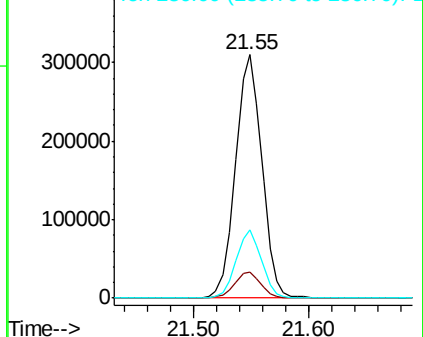
Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:	240	Resp:	489684
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	27.9	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: 33.601 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

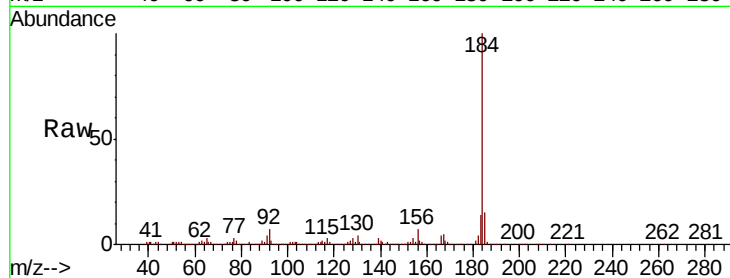
ClientSampleId :

PB126459BSD

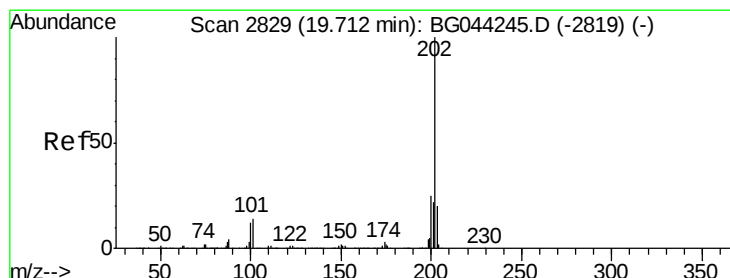
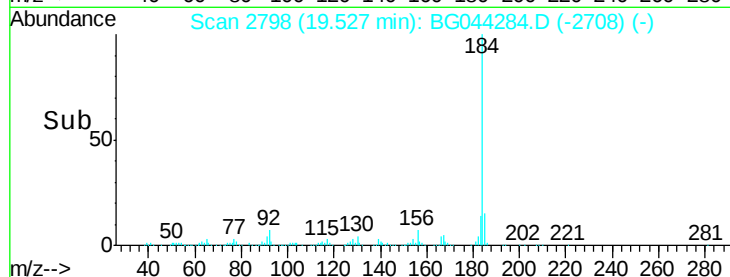
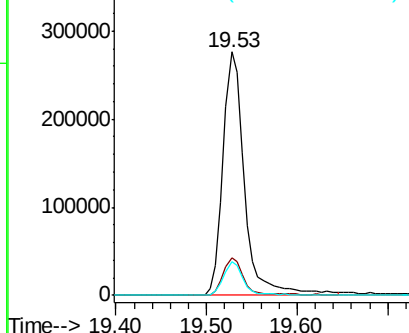
Tot Ion:	184	Resp:	456395
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.9	19.3
183	13.7	10.8	16.2

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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: 42.189 ng

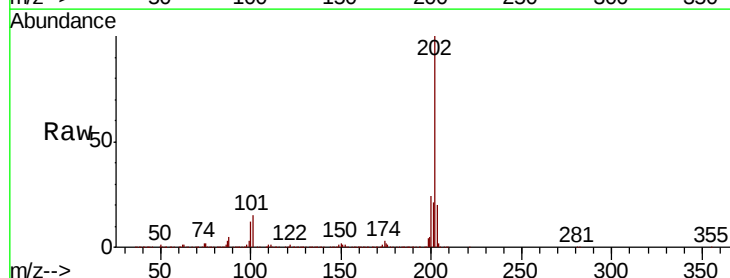
RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

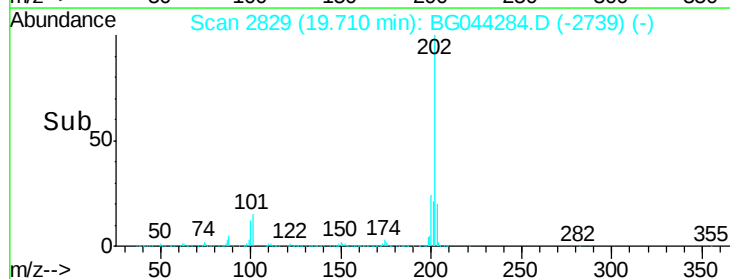
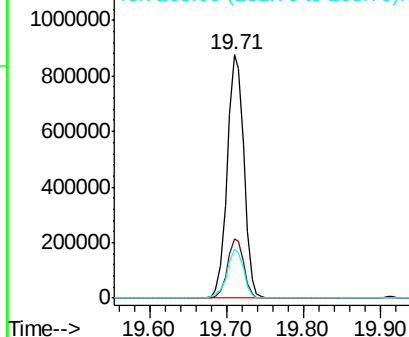
Lab File: BG044284.D

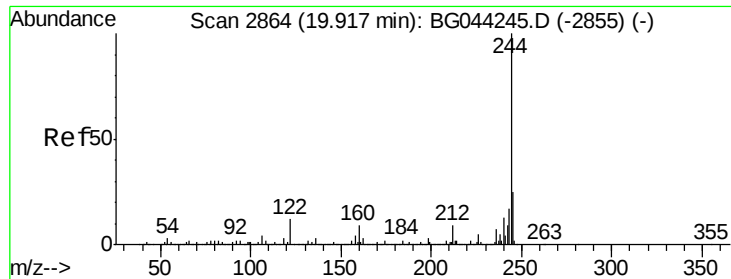
Acq: 4 Feb 2020 17:17

Tgt Ion:	202	Resp:	1326743
Ion Ratio	Lower	Upper	
202	100		
200	24.4	20.0	30.0
203	20.1	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: 66.809 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

PB126459BSD

Tot Ion:244 Resp: 1590538

Ion Ratio Lower Upper

244 100

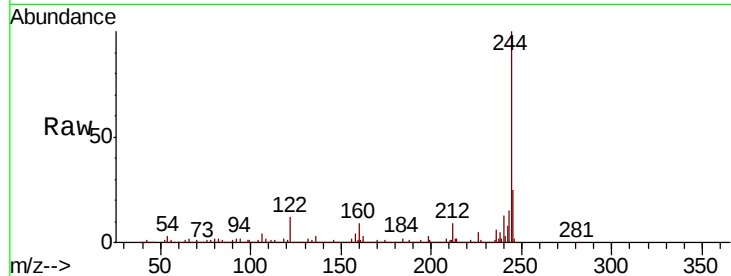
212 9.0 7.4 11.2

122 12.1 9.8 14.6

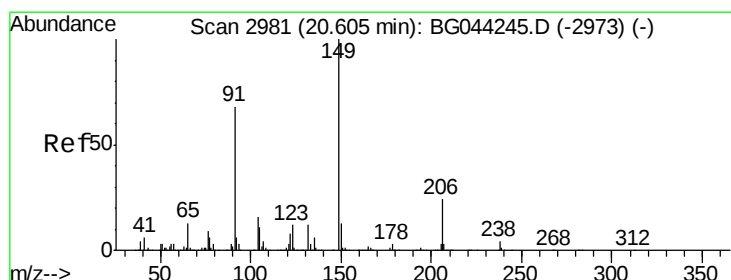
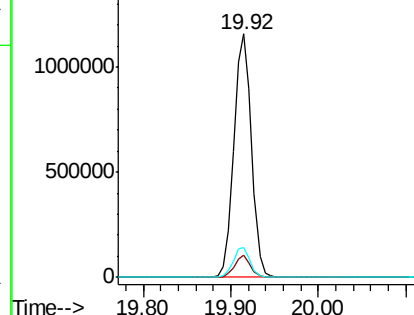
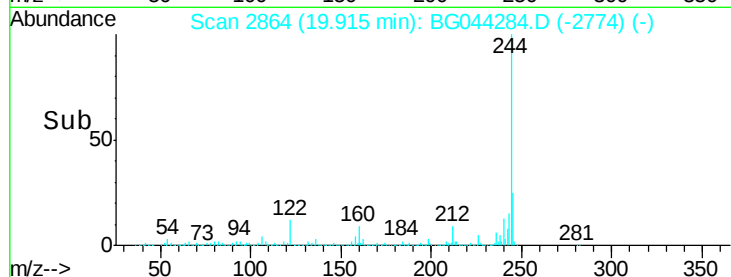
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.846 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

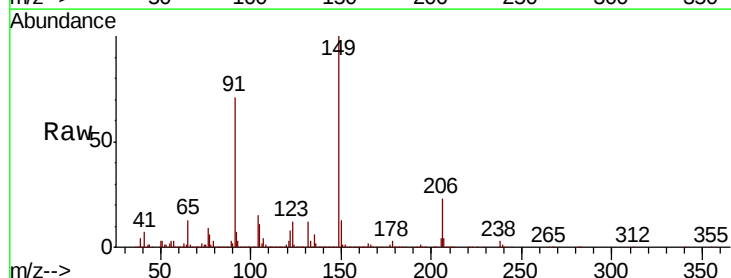
Tgt Ion:149 Resp: 614024

Ion Ratio Lower Upper

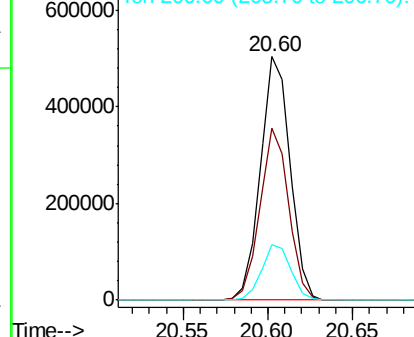
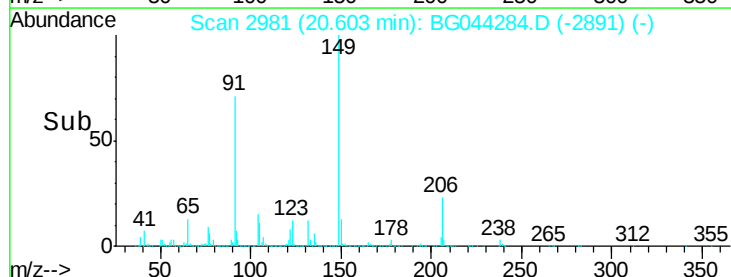
149 100

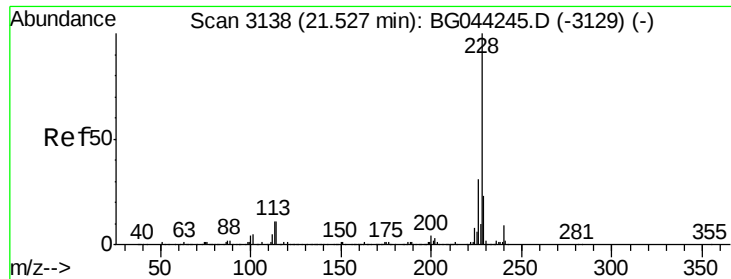
91 70.6 54.5 81.7

206 22.7 19.1 28.7



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





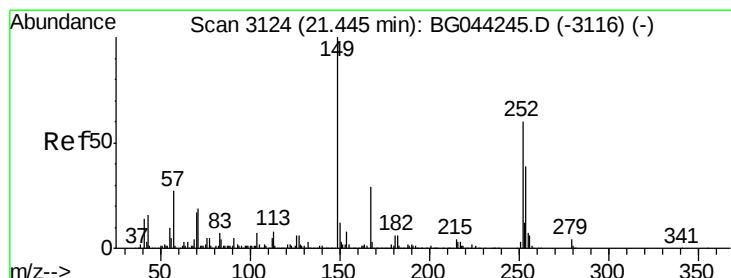
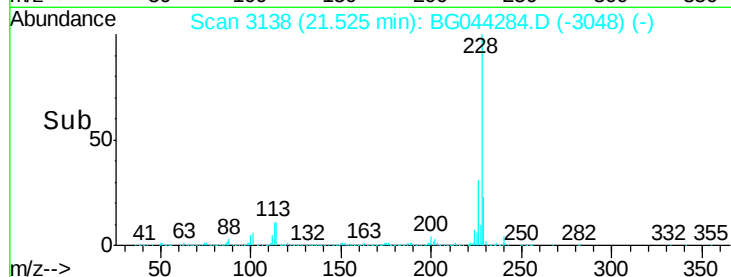
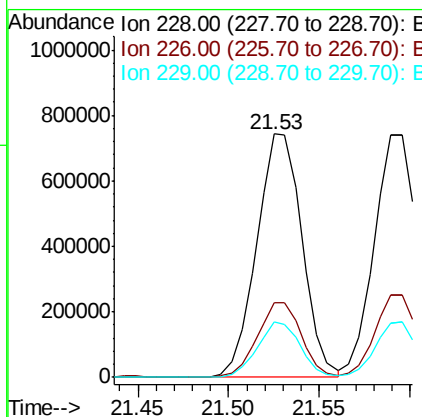
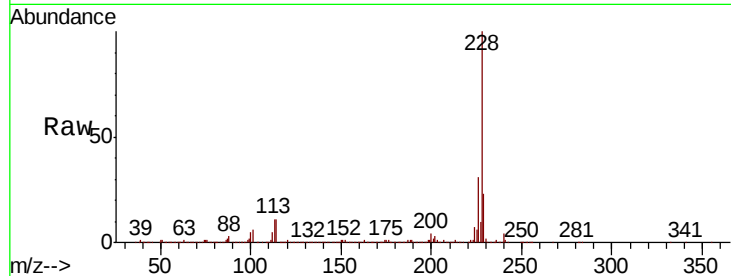
#81
Benzo(a)anthracene
Concen: 42.818 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.6	18.2	27.4

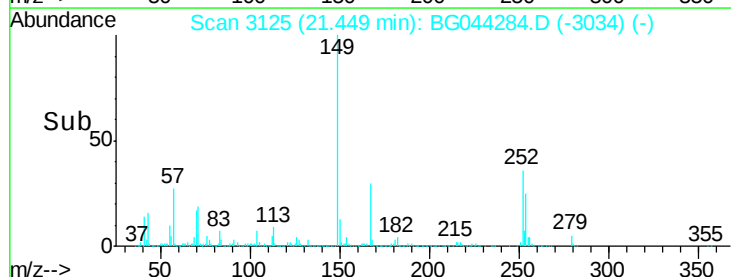
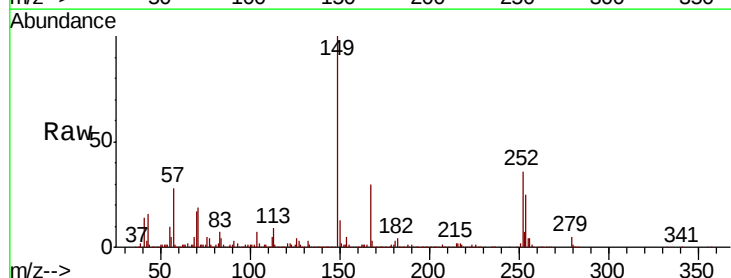
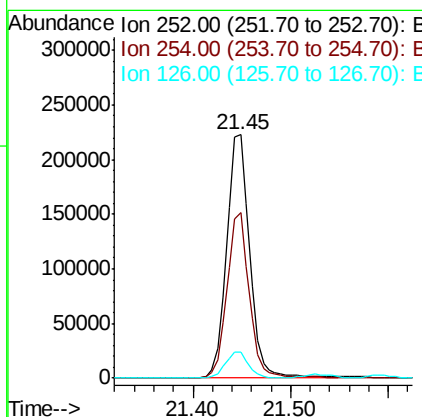
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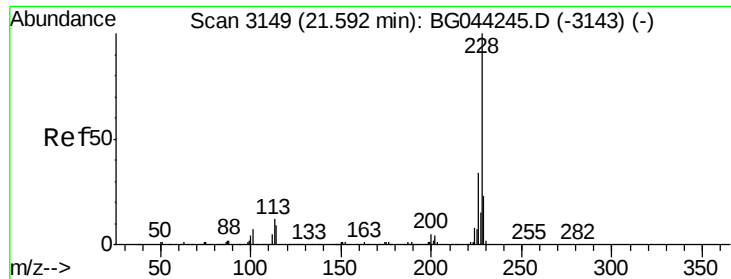
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#82
3,3'-Dichlorobenzidine
Concen: 31.174 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.1	52.6	78.8
126	10.5	8.2	12.4





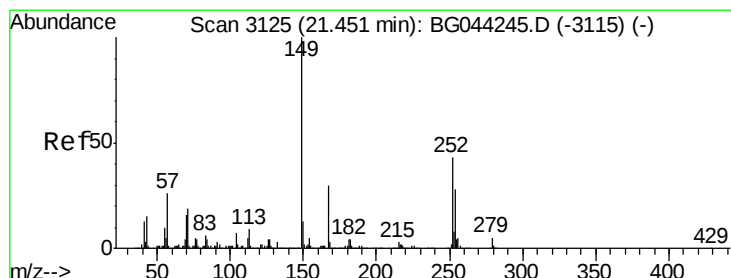
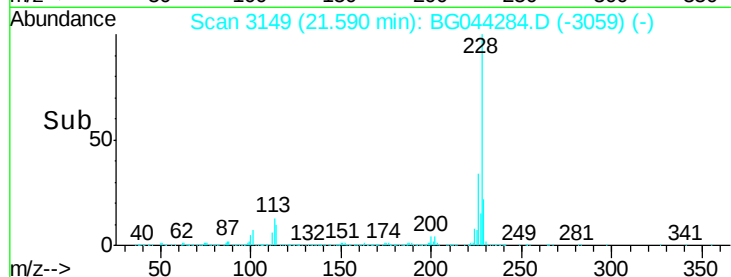
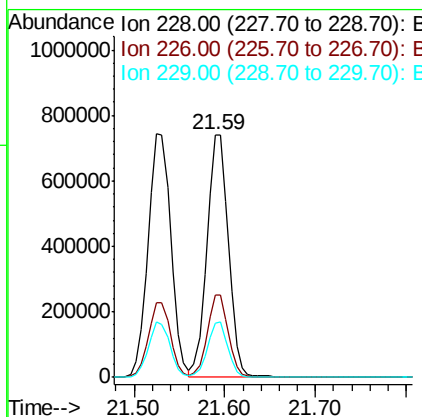
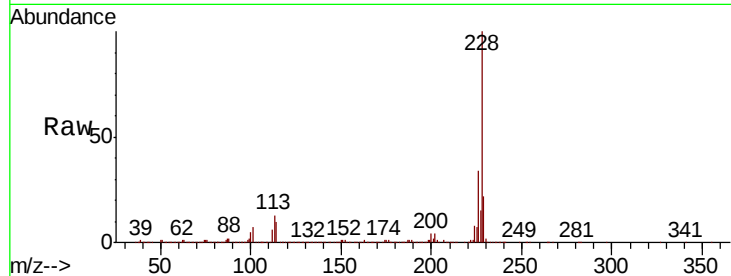
#83
Chrysene
Concen: 41.985 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	27.1	40.7
229	22.4	17.9	26.9

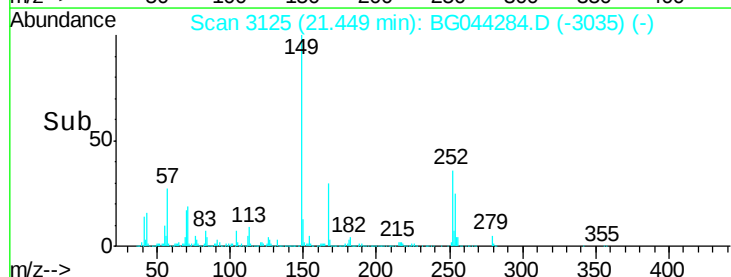
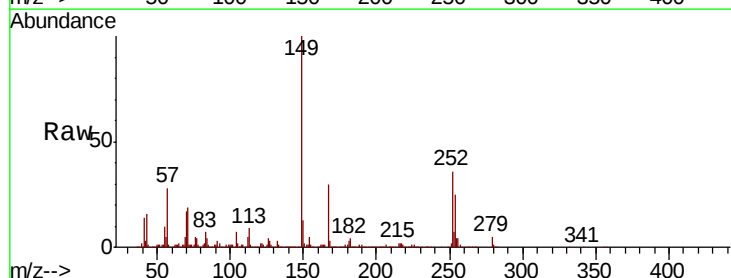
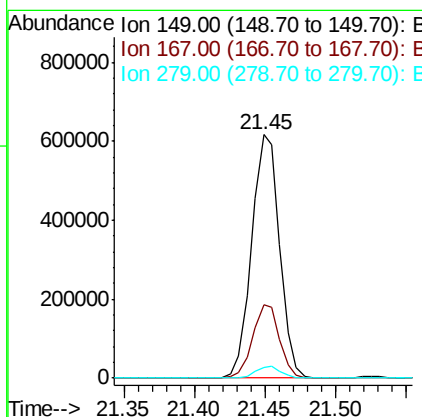
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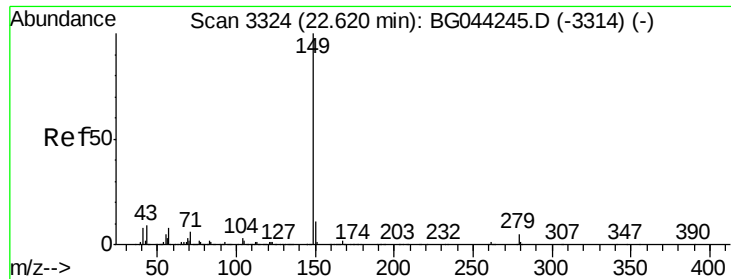
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.306 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.0	36.0
279	4.5	3.8	5.8





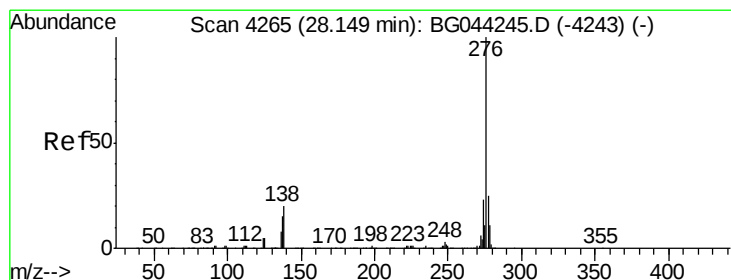
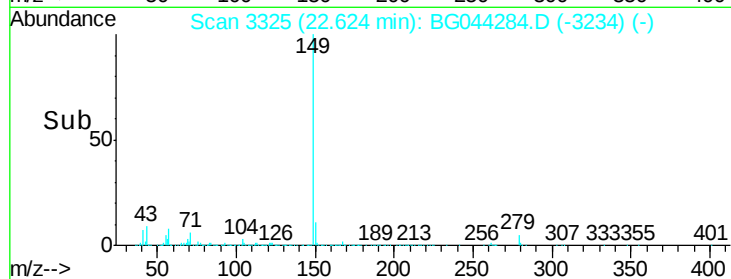
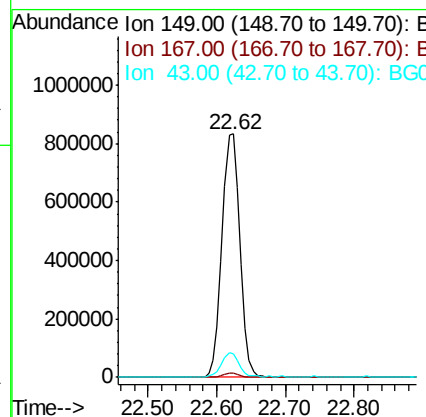
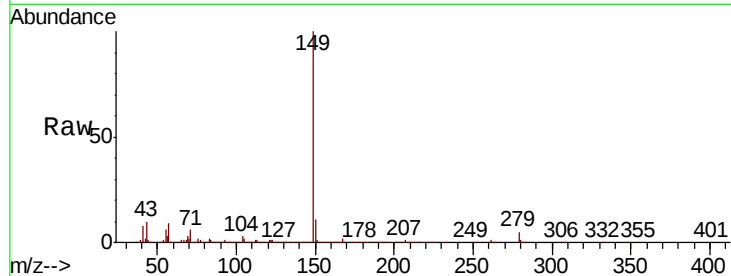
#85
Di-n-octyl phthalate
Concen: 44.039 ng
RT: 22.62 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.3	7.4	11.0

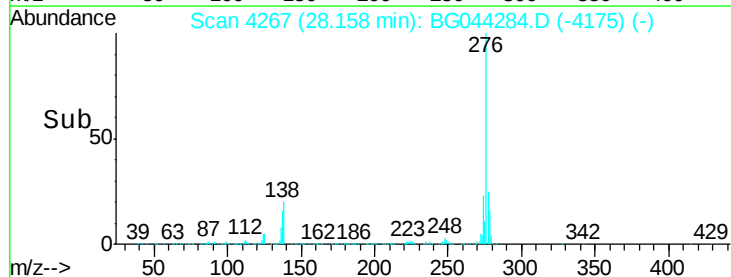
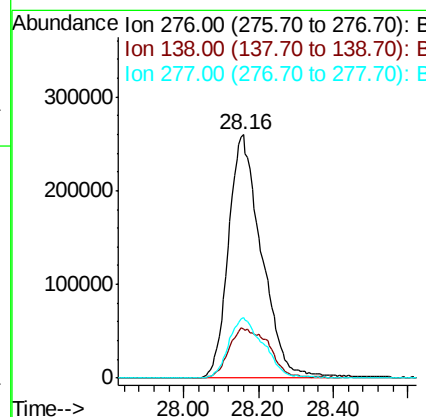
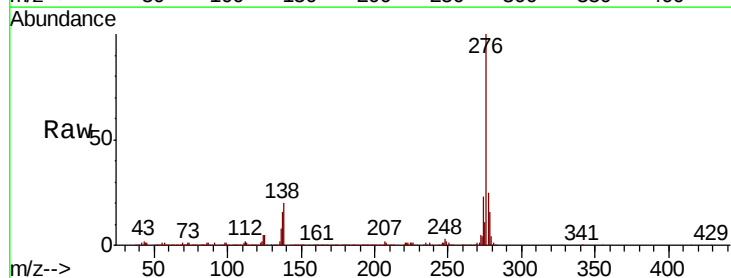
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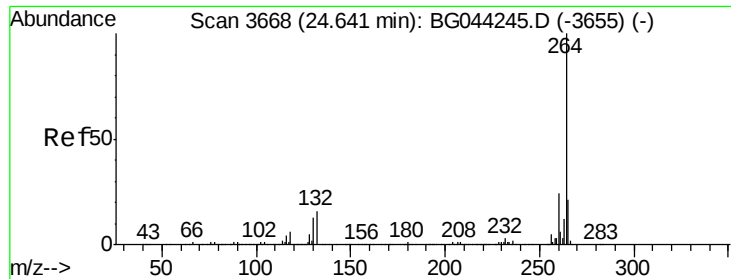
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.009 ng
RT: 28.16 min Scan# 4267
Delta R.T. 0.01 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.4	29.0
277	26.1	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

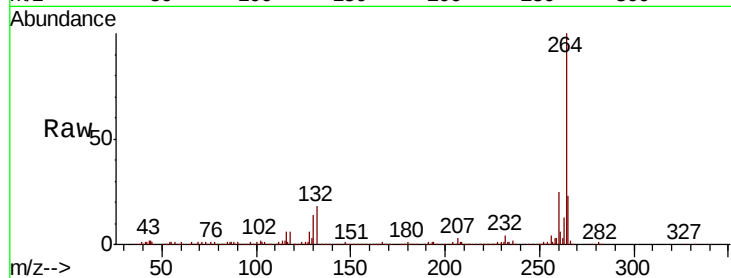
ClientSampleId :

PB126459BSD

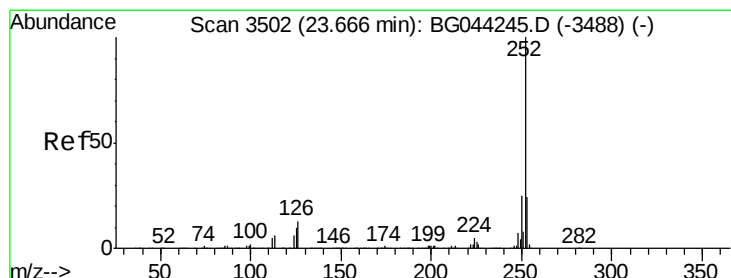
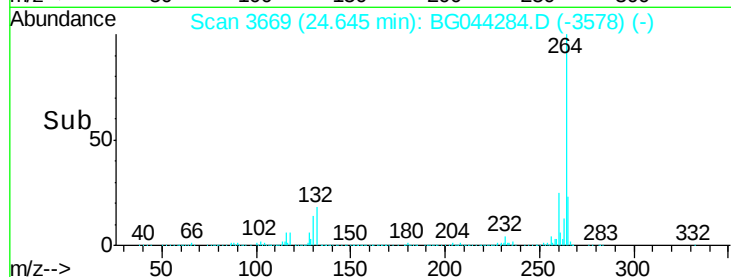
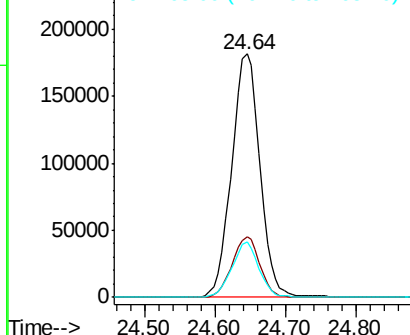
Tot Ion:	264	Resp:	506451
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.4	29.2
265	22.7	16.7	25.1

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



#88

Benzo(b)fluoranthene

Concen: 46.641 ng

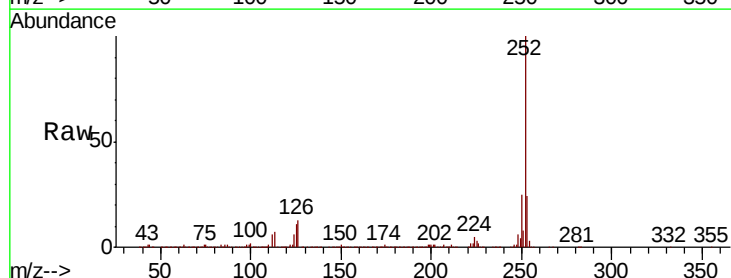
RT: 23.67 min Scan# 3503

Delta R.T. 0.00 min

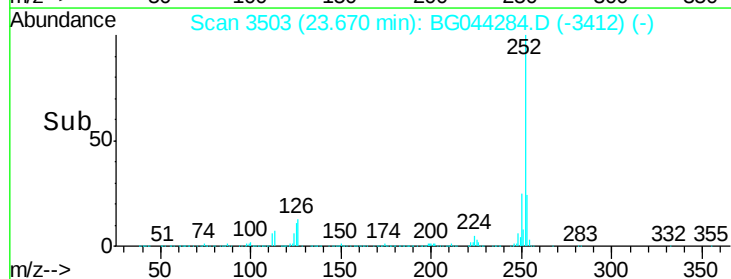
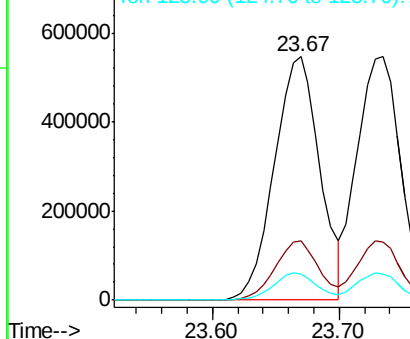
Lab File: BG044284.D

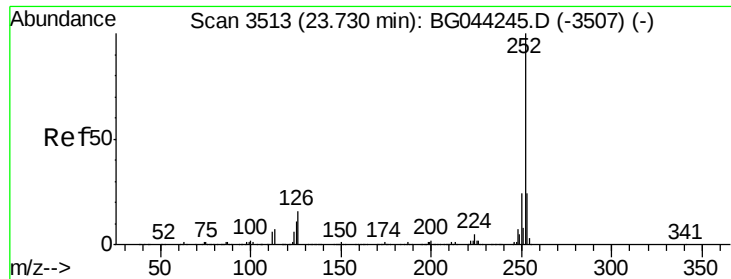
Acq: 4 Feb 2020 17:17

Tgt Ion:	252	Resp:	1361142
Ion Ratio	Lower	Upper	
252	100		
253	24.1	19.2	28.8
125	10.9	8.4	12.6



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





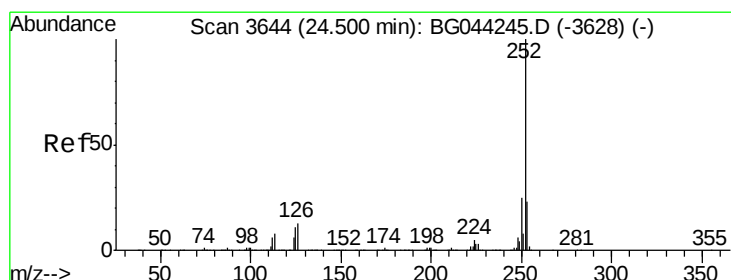
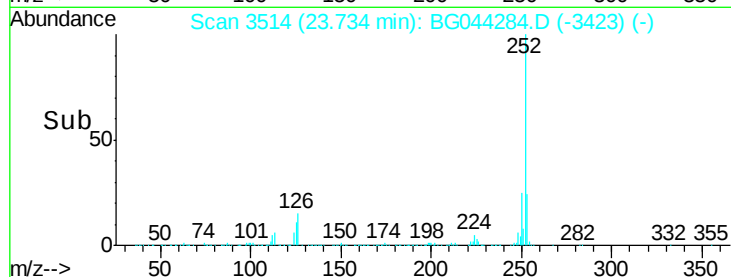
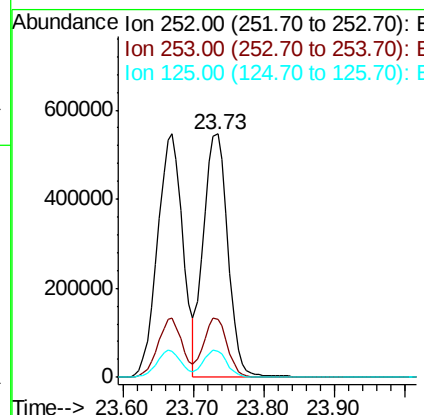
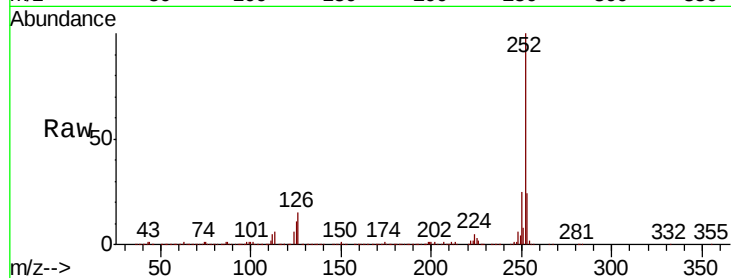
#89
Benzo(k)fluoranthene
Concen: 46.351 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	10.8	8.6	12.8

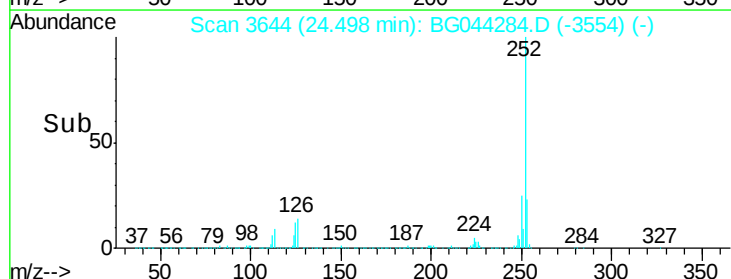
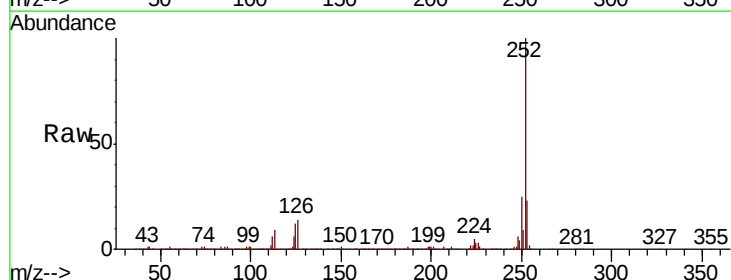
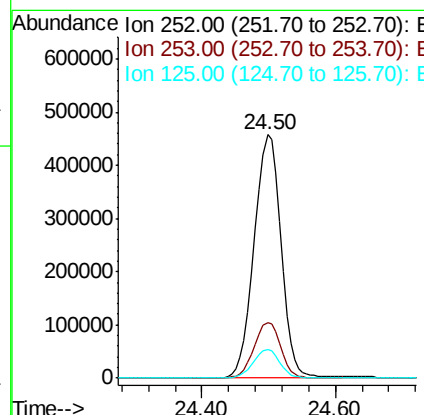
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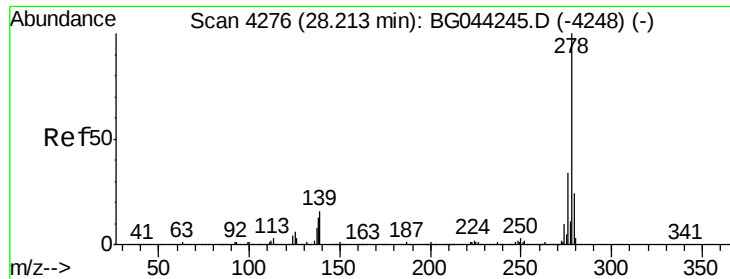
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#90
Benzo(a)pyrene
Concen: 45.785 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.8	8.6	13.0





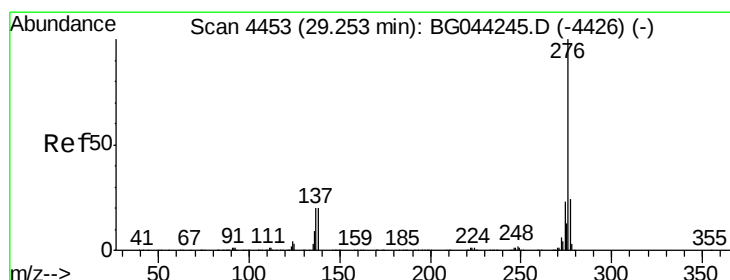
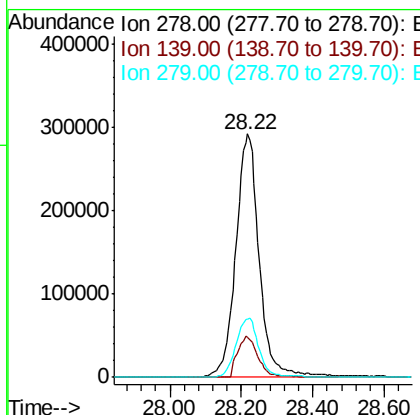
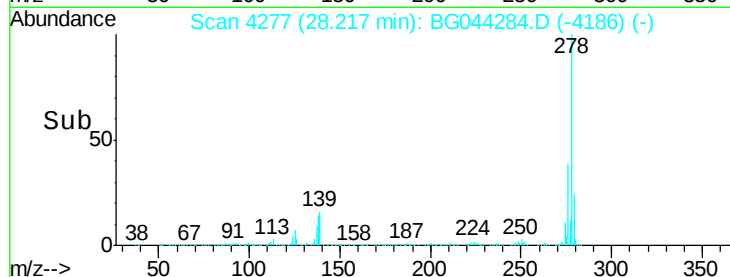
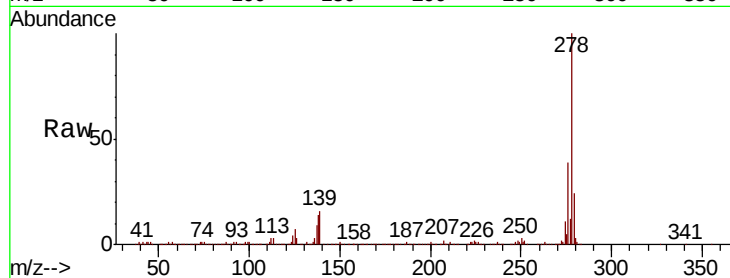
#91
Dibenzo(a,h)anthracene
Concen: 48.528 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	23.9	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/6/2020 2:17:51 PM



#92
Benzo(g,h,i)perylene
Concen: 48.632 ng
RT: 29.26 min Scan# 4454
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.1	16.2	24.2

