

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044283.D
 Acq On : 4 Feb 2020 16:37
 Operator : CG/JU
 Sample : PB126459BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Manual Integrations
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 2/6/2020 2:17:49 PM

Quant Time: Feb 05 04:47:45 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	90648	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	365249	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	239982	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	529505	20.00	ng	0.00
76) Chrysene-d12	21.55	240	482834	20.00	ng	0.00
87) Perylene-d12	24.65	264	506670	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	669212	130.29	ng	0.00
7) Phenol-d6	7.09	99	863572	125.20	ng	0.00
23) Nitrobenzene-d5	9.08	82	458372	70.85	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	341968	121.38	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1012341	70.64	ng	0.00
79) Terphenyl-d14	19.92	244	1538601	65.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	89311	38.701	ng	97
3) Pyridine	3.77	79	216519	35.216	ng	98
4) n-Nitrosodimethylamine	3.69	42	107984	42.030	ng	96
6) Aniline	7.24	93	279118	32.602	ng	97
8) 2-Chlorophenol	7.48	128	262711	46.539	ng	99
9) Benzaldehyde	7.05	77	129756	33.031	ng	99
10) Phenol	7.12	94	323268	47.358	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	245407	42.052	ng	97
12) 1,3-Dichlorobenzene	7.81	146	278962	41.390	ng	97
13) 1,4-Dichlorobenzene	7.95	146	277598	41.585	ng	99
14) 1,2-Dichlorobenzene	8.27	146	265128	42.020	ng	99
15) Benzyl Alcohol	8.15	79	224862	46.049	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	314305	39.792	ng	100
17) 2-Methylphenol	8.36	107	225516	46.305	ng	97
18) Hexachloroethane	9.00	117	101475	40.509	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	186580	40.590	ng	100
20) 3+4-Methylphenols	8.69	107	308621	45.981	ng	99
22) Acetophenone	8.73	105	358768	40.377	ng	99
24) Nitrobenzene	9.12	77	267364	42.332	ng	100
25) Isophorone	9.64	82	513824	42.611	ng	99
26) 2-Nitrophenol	9.83	139	152134	46.421	ng	99
27) 2,4-Dimethylphenol	9.90	122	247640	53.530	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	323752	40.247	ng	99
29) 2,4-Dichlorophenol	10.37	162	258168	46.152	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	260121	40.554	ng	99
31) Naphthalene	10.77	128	762490	43.028	ng	100
32) Benzoic acid	10.06	122	173180	54.225	ng	95
33) 4-Chloroaniline	10.87	127	188111	23.340	ng	98
34) Hexachlorobutadiene	11.07	225	149215	37.807	ng	97
35) Caprolactam	11.64	113	102577m	50.059	ng	
36) 4-Chloro-3-methylphenol	12.01	107	272415	46.448	ng	99
37) 2-Methylnaphthalene	12.38	142	565073	42.948	ng	99
38) 1-Methylnaphthalene	12.60	142	534678	43.104	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	273812	38.143	ng	98

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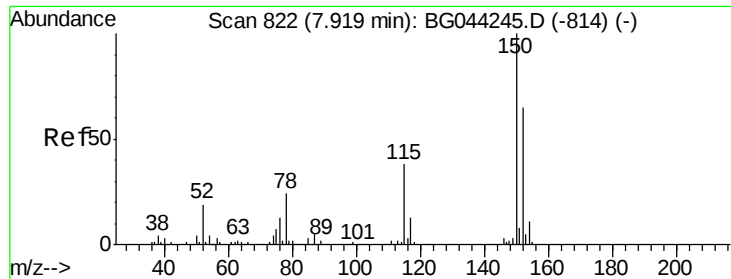
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	321425	93.315	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	210173	45.295	nq	98
44) 2,4,5-Trichlorophenol	13.06	196	225119	47.500	nq	98
46) 1,1'-Biphenyl	13.39	154	703486	40.640	nq	100
47) 2-Chloronaphthalene	13.43	162	556990	40.436	nq	100
48) 2-Nitroaniline	13.63	65	176410	43.396	nq	99
49) Acenaphthylene	14.28	152	895464	44.322	nq	100
50) Dimethylphthalate	14.01	163	723979	41.968	nq	98
51) 2,6-Dinitrotoluene	14.13	165	169869	44.164	nq	96
52) Acenaphthene	14.62	154	545470	41.654	nq	97
53) 3-Nitroaniline	14.46	138	125452	29.481	nq	98
54) 2,4-Dinitrophenol	14.66	184	213362	92.319	nq	97
55) Dibenzofuran	14.96	168	853358	43.040	nq	98
56) 4-Nitrophenol	14.78	139	334044	107.166	nq	97
57) 2,4-Dinitrotoluene	14.92	165	237398	44.037	nq	99
58) Fluorene	15.60	166	681061	43.612	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	201757	47.129	nq	99
60) Diethylphthalate	15.38	149	738642	42.972	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	351152	41.471	nq	98
62) 4-Nitroaniline	15.62	138	181693	42.730	nq	98
63) Azobenzene	15.89	77	662983	44.008	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	151038	51.675	nq	97
66) n-Nitrosodiphenylamine	15.81	169	645060	43.470	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	229371	39.760	nq	98
68) Hexachlorobenzene	16.61	284	251918	38.978	nq	97
69) Atrazine	16.76	200	246643	48.493	nq	97
70) Pentachlorophenol	16.96	266	291344	88.784	nq	96
71) Phenanthrene	17.34	178	1097350	42.798	nq	100
72) Anthracene	17.44	178	1139556	44.953	nq	99
73) Carbazole	17.70	167	1047996	44.845	nq	99
74) Di-n-butylphthalate	18.27	149	1267780	43.900	nq	100
75) Fluoranthene	19.35	202	1288223	43.431	nq	98
77) Benzidine	19.53	184	424220	31.676	nq	99
78) Pyrene	19.72	202	1297284	41.837	nq	99
80) Butylbenzylphthalate	20.60	149	608008	43.028	nq	96
81) Benzo(a)anthracene	21.53	228	1272807	42.773	nq	100
82) 3,3'-Dichlorobenzidine	21.45	252	351802	30.461	nq	98
83) Chrysene	21.60	228	1215891	42.272	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	853003	43.857	nq	99
85) Di-n-octyl phthalate	22.62	149	1497938	44.512	nq	99
86) Indeno(1,2,3-cd)pyrene	28.16	276	1583728	42.203	nq	99
88) Benzo(b)fluoranthene	23.67	252	1332610	45.643	nq	99
89) Benzo(k)fluoranthene	23.73	252	1341625	47.148	nq	100
90) Benzo(a)pyrene	24.50	252	1249019	45.247	nq	98
91) Dibenzo(a,h)anthracene	28.22	278	1316551	48.191	nq	98
92) Benzo(g,h,i)perylene	29.26	276	1338735	48.951	nq	96

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



#1

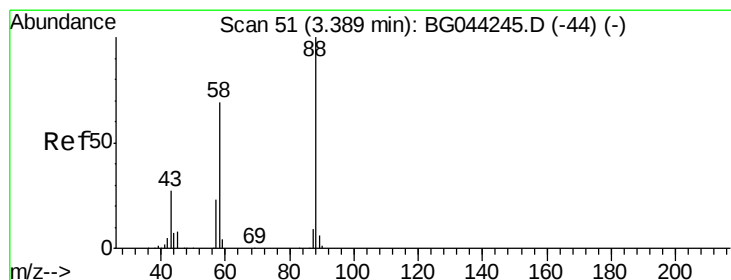
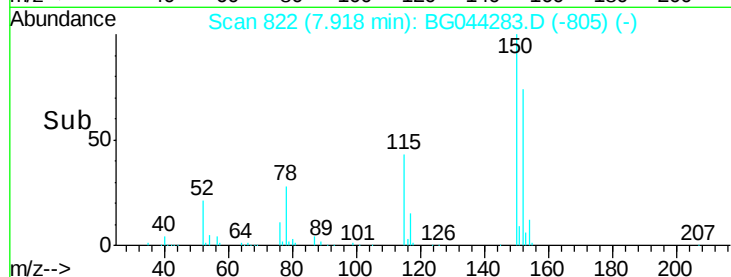
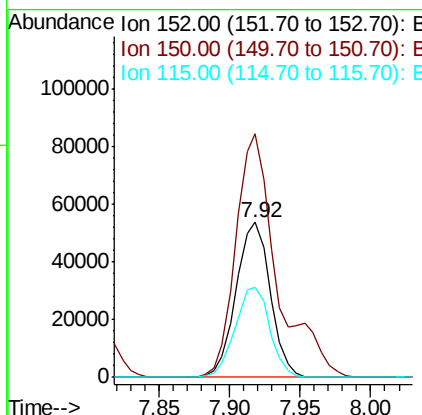
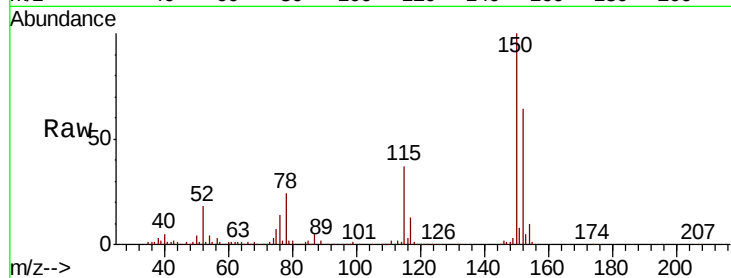
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.6	183.8
115	58.1	46.0	69.0

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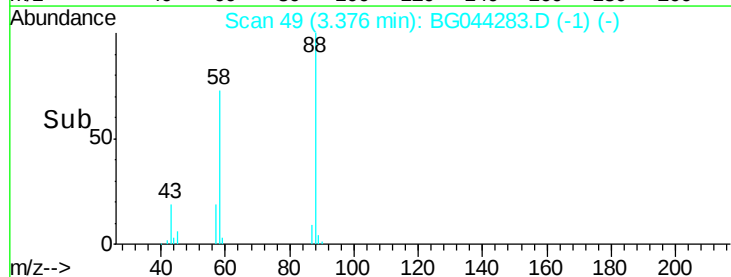
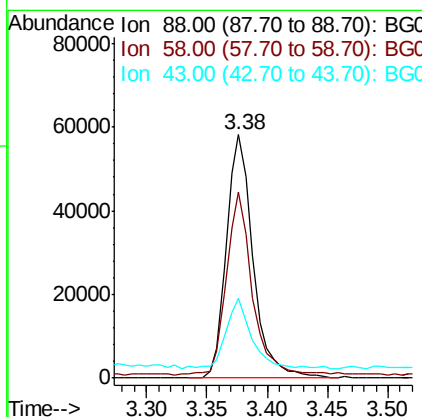
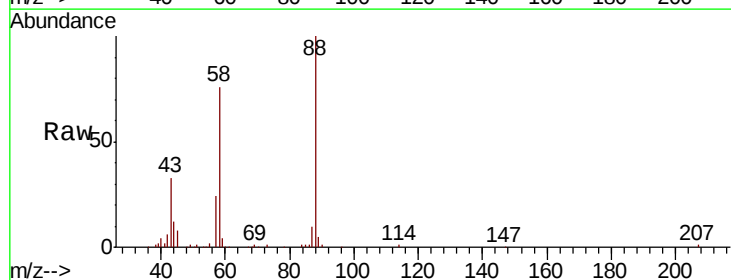
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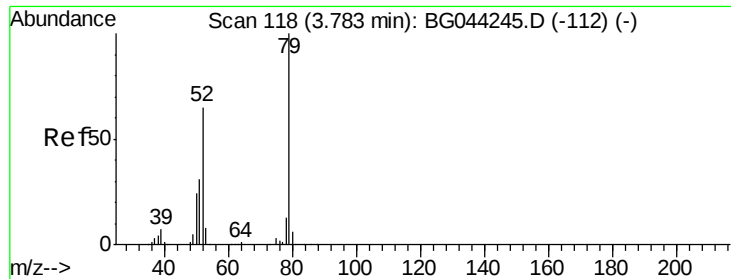


#2

1,4-Dioxane
Concen: 38.701 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	55.8	83.6
43	28.1	21.6	32.4





#3

Pvridine

Concen: 35.216 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

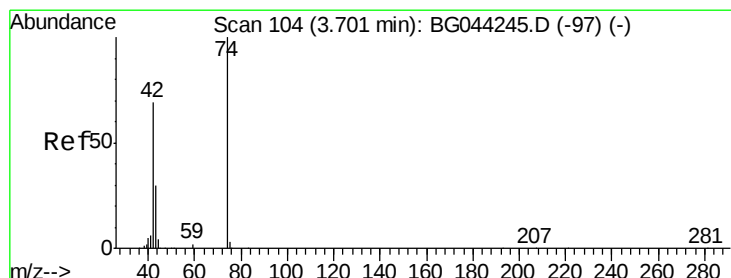
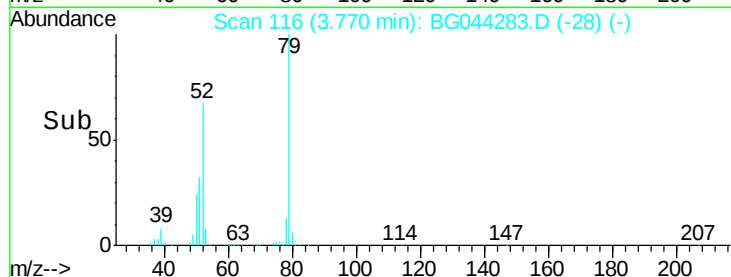
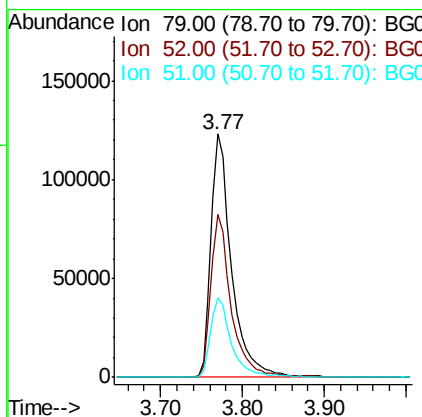
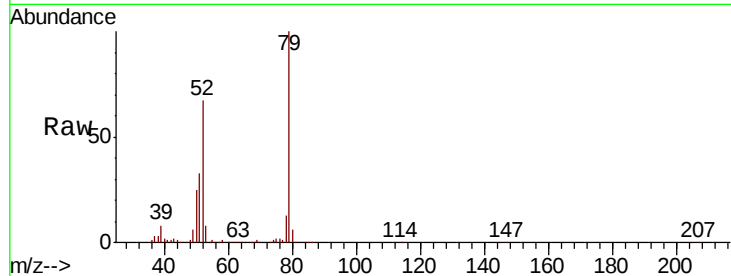
ClientSampleId :

PB126459BS

Tot Ion:	79	Resp:	216519
Ion	Ratio	Lower	Upper
79	100		
52	66.7	51.9	77.9
51	32.8	25.3	37.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.030 ng

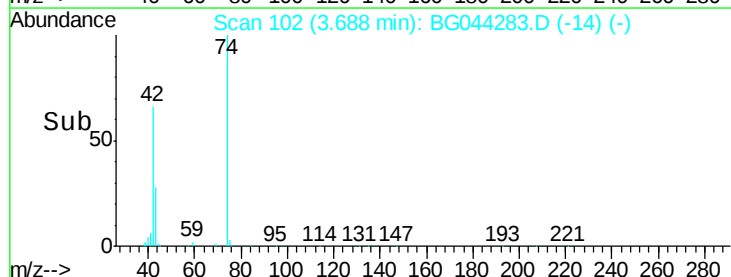
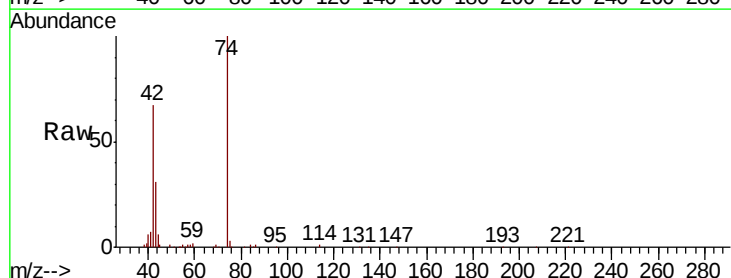
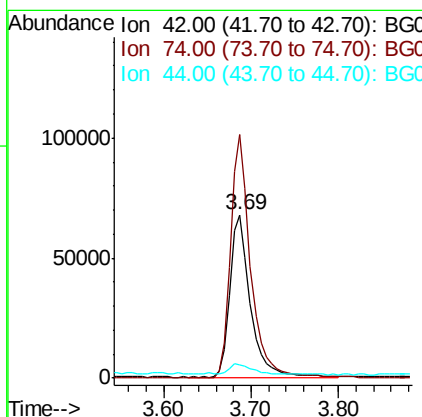
RT: 3.69 min Scan# 102

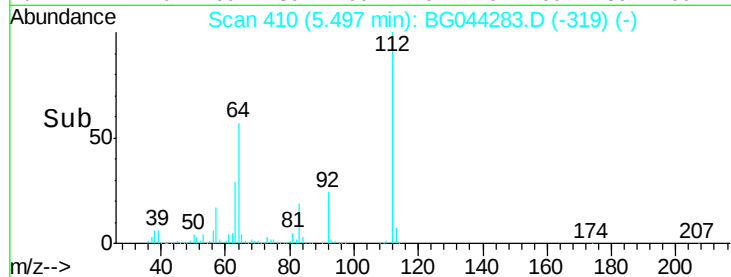
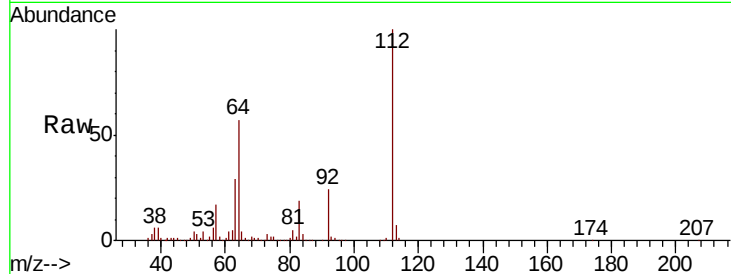
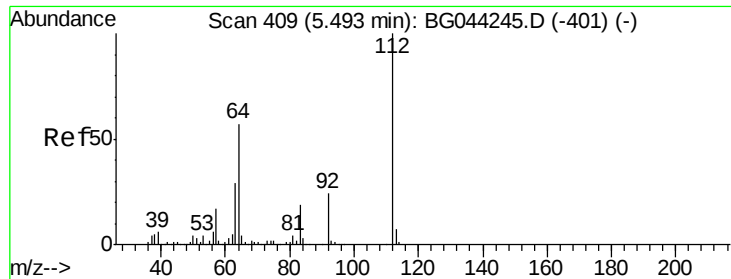
Delta R.T. -0.01 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	42	Resp:	107984
Ion	Ratio	Lower	Upper
42	100		
74	149.3	115.1	172.7
44	8.3	5.6	8.4





#5

2-Fluorophenol

Concen: 130.290 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tot Ion	Ratio	Resp	Lower	Upper
112	100	669212		
64	56.7	45.4	68.2	
63	28.9	22.9	34.3	

Instrument :

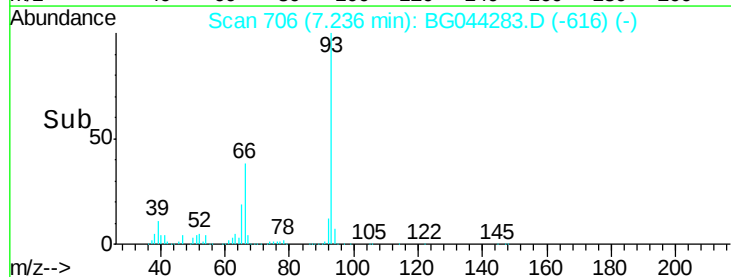
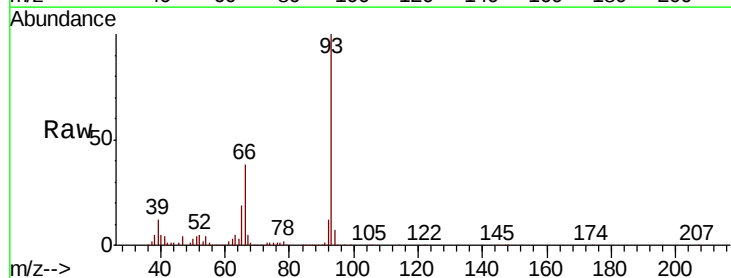
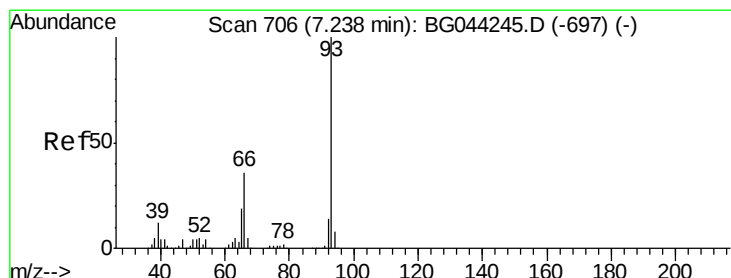
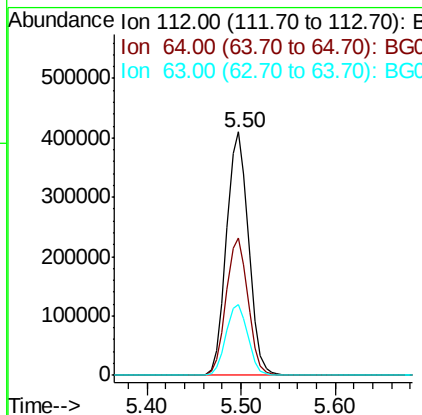
BNA_G

ClientSampleId :

PB126459BS

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#6

Aniline

Concen: 32.602 ng

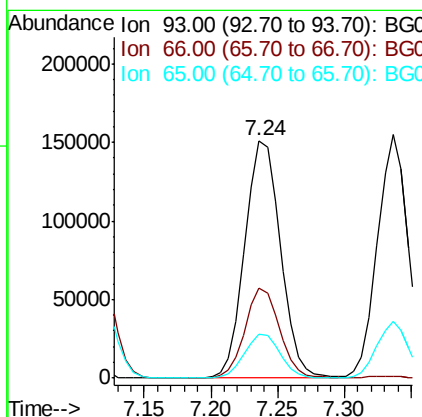
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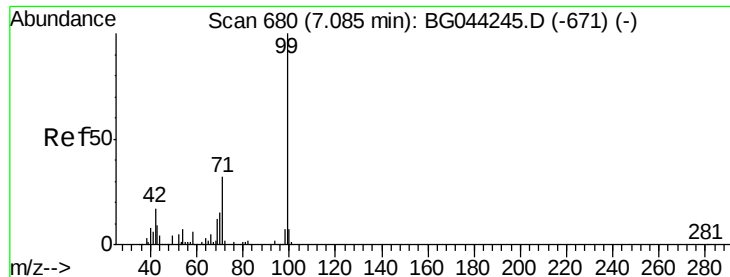
Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	279118		
66	37.8	28.7	43.1	
65	18.7	15.4	23.0	





#7

Phenol-d6

Concen: 125.204 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

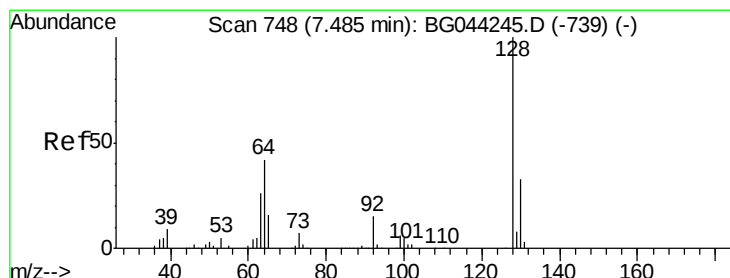
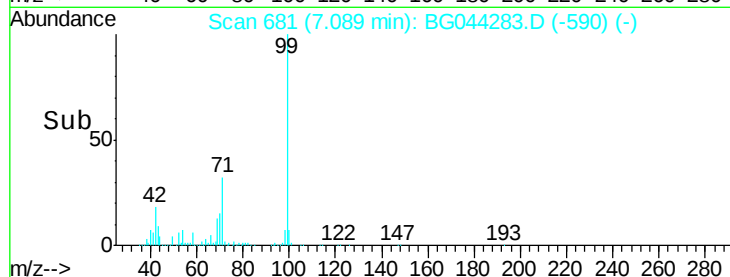
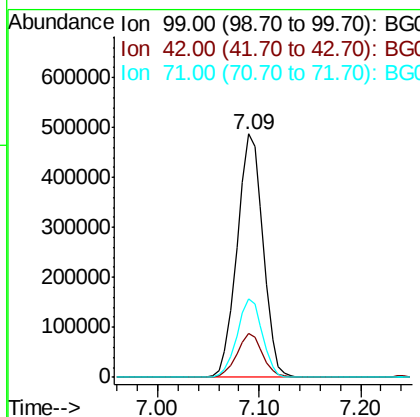
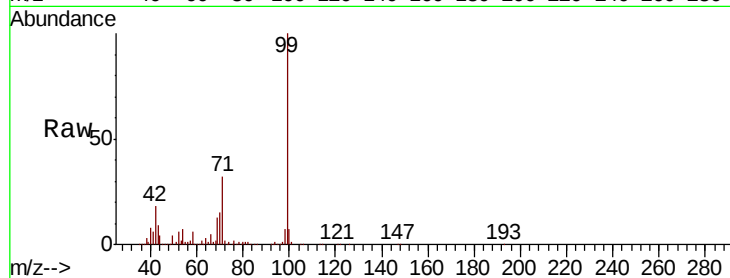
ClientSampleId :

PB126459BS

Tot Ion:	99	Resp:	863572
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	32.1	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.539 ng

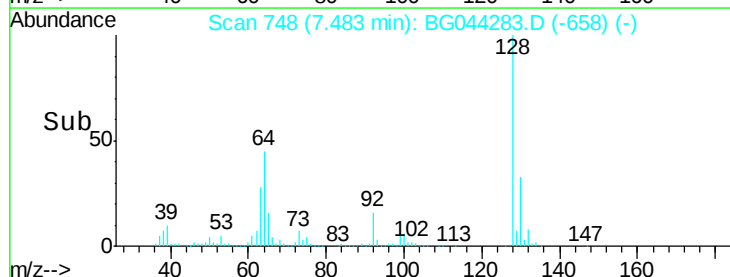
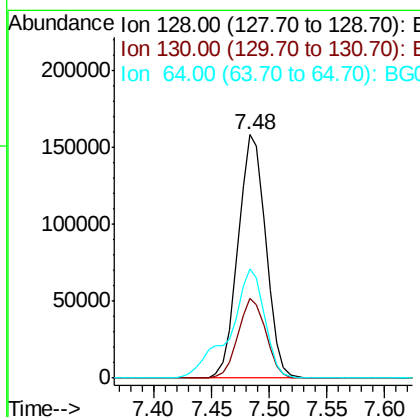
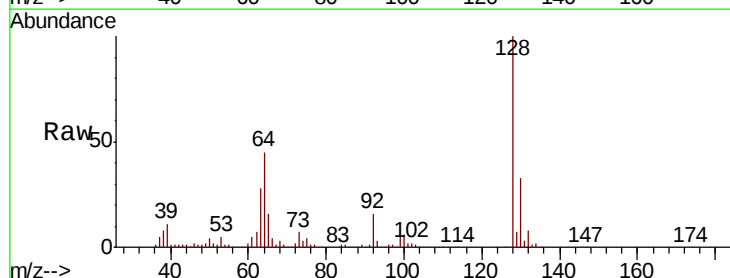
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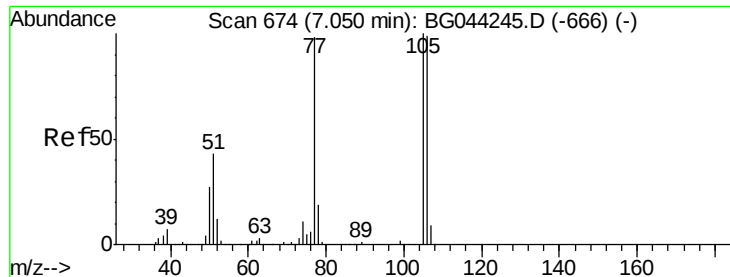
Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	128	Resp:	262711
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	45.0	24.2	64.2





#9

Benzaldehyde

Concen: 33.031 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

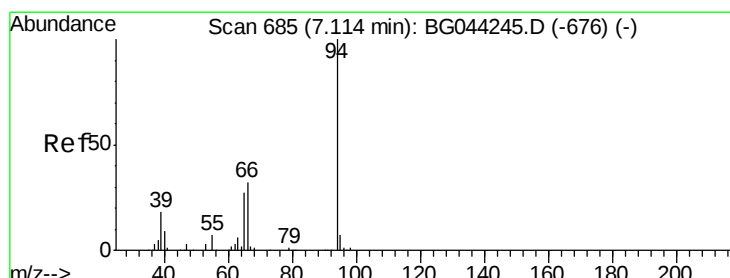
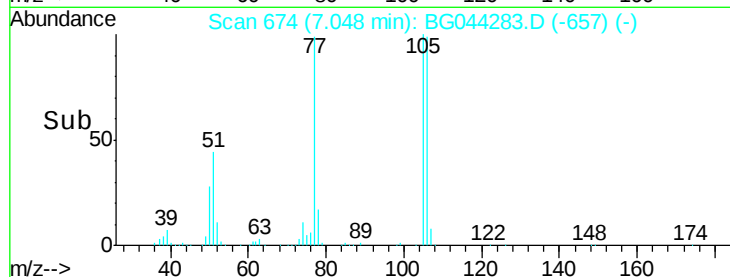
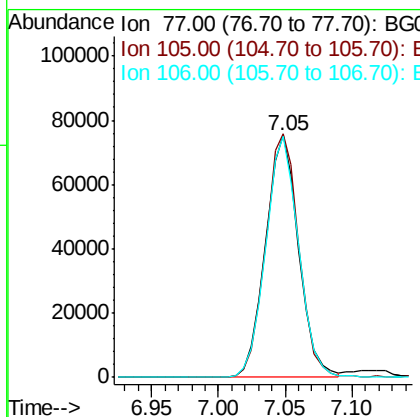
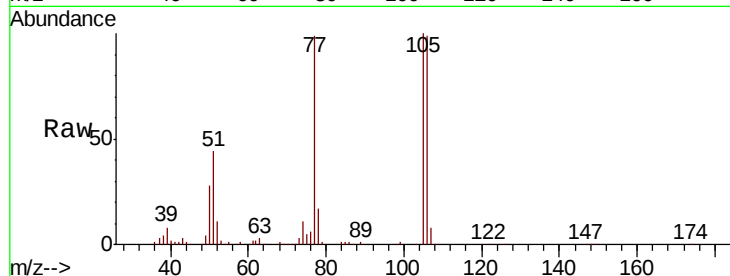
ClientSampleId :

PB126459BS

Tot Ion:	77	Resp:	129756
Ion	Ratio	Lower	Upper
77	100		
105	100.7	82.0	122.0
106	99.9	80.7	120.7

Manual Integrations
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#10

Phenol

Concen: 47.358 ng

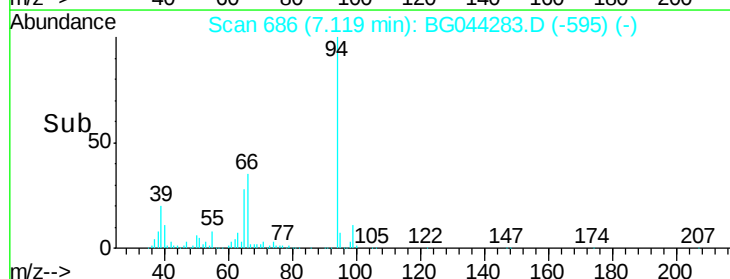
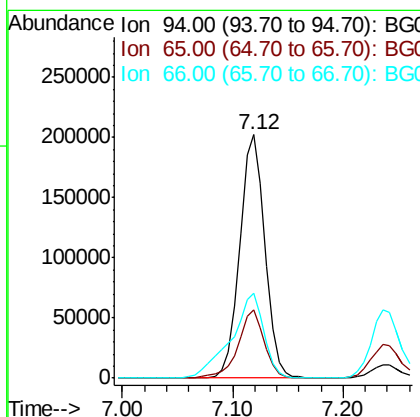
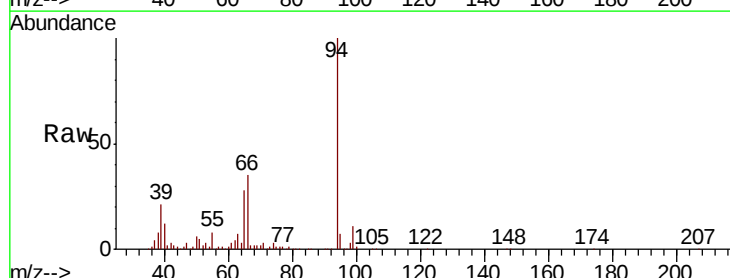
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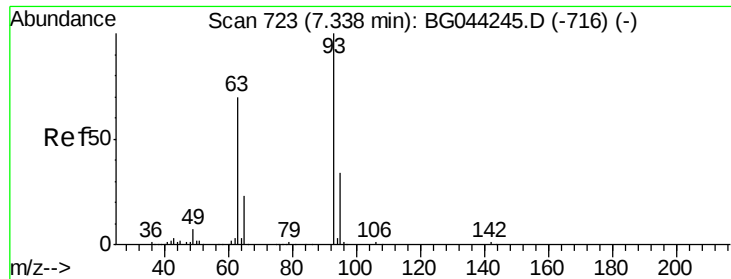
Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	94	Resp:	323268
Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.0	47.0
66	34.7	12.7	52.7





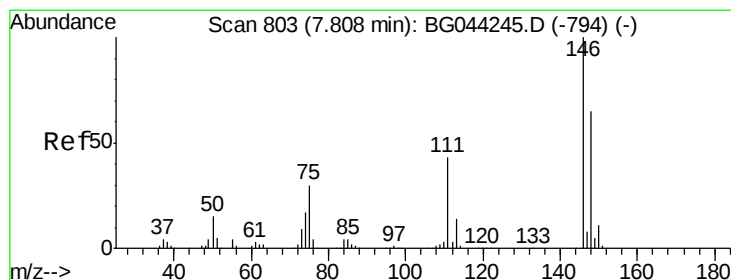
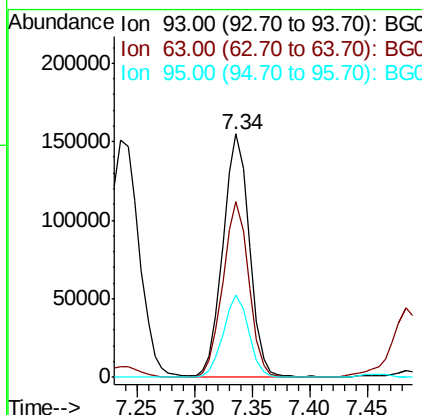
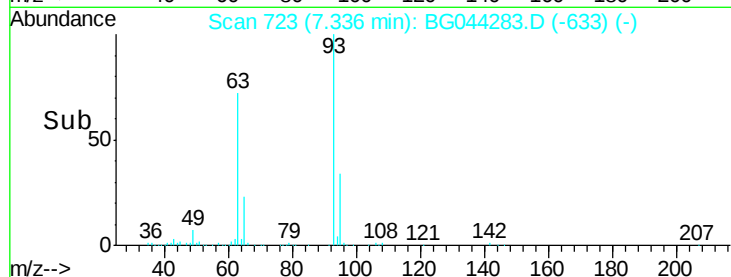
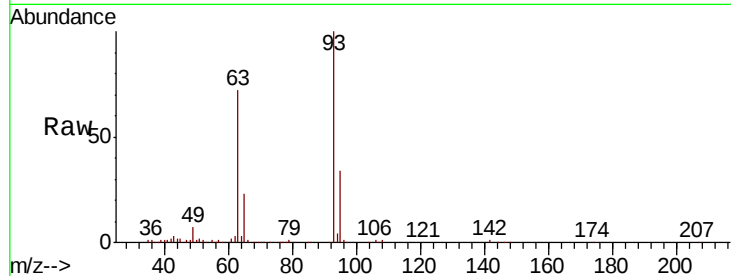
#11
bis(2-Chloroethyl)ether
Concen: 42.052 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	245407		
63	72.3		49.2	89.2
95	34.0		13.6	53.6

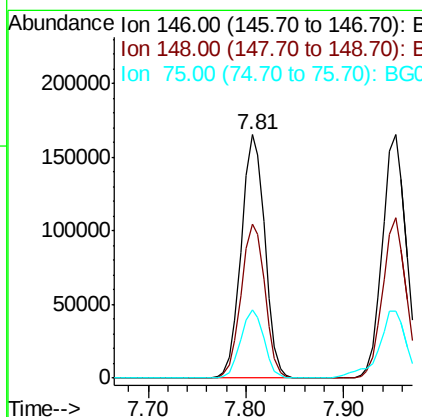
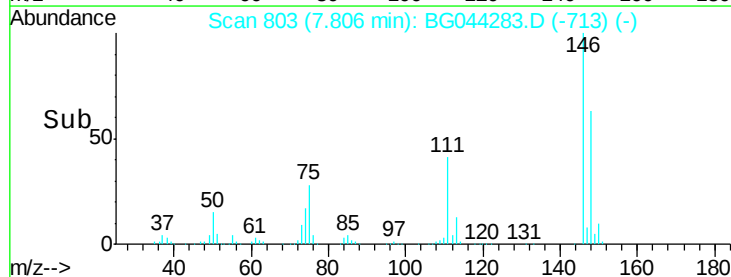
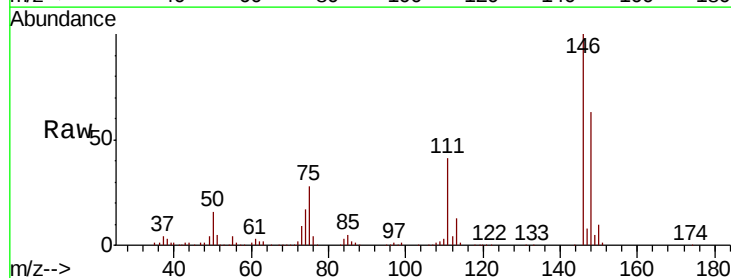
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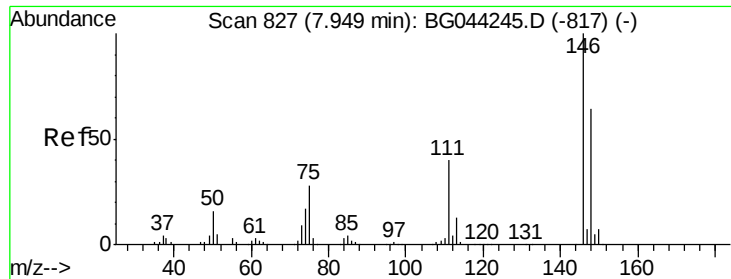
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.390 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	278962		
148	63.0		51.8	77.8
75	27.9		23.7	35.5





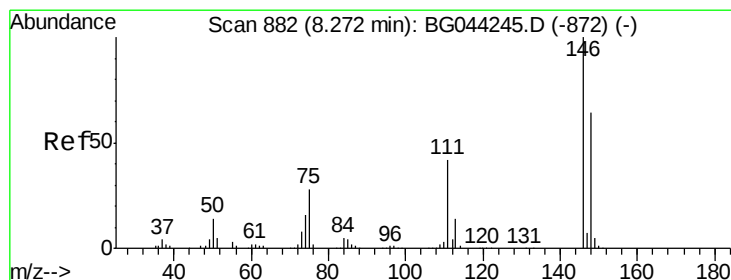
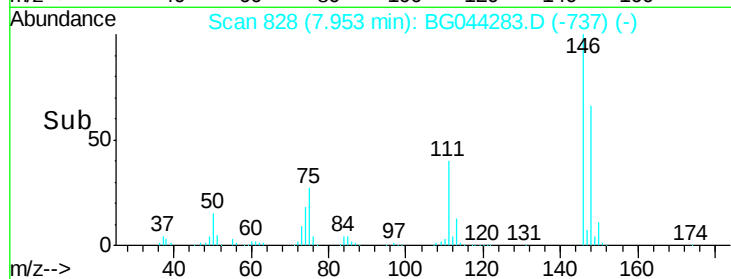
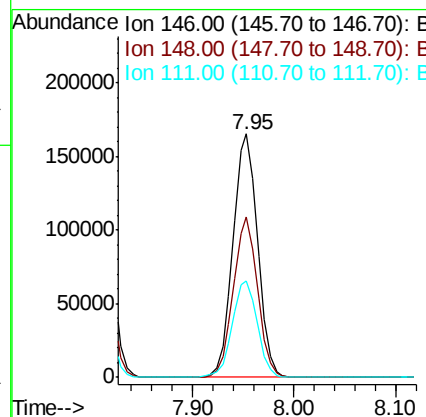
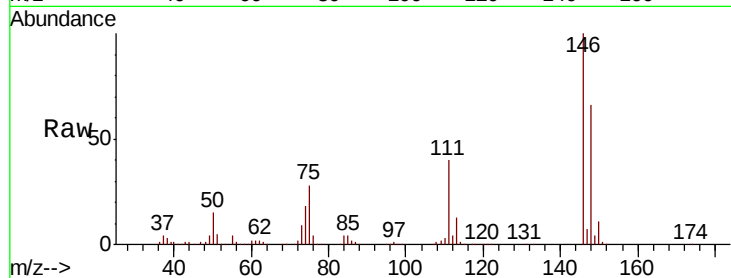
#13
 1,4-Dichlorobenzene
 Concen: 41.585 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.0
111	39.7	31.8	47.8

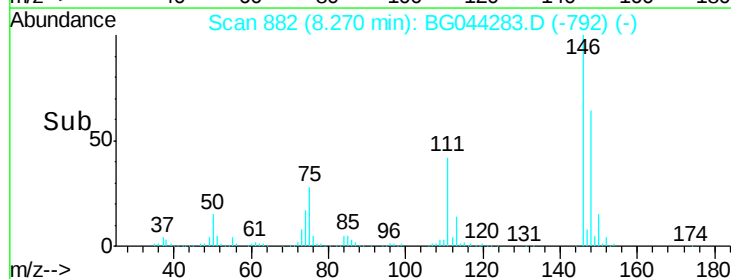
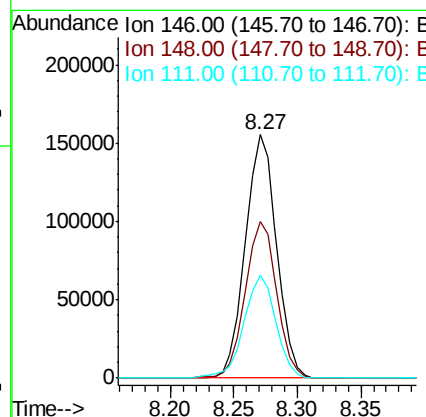
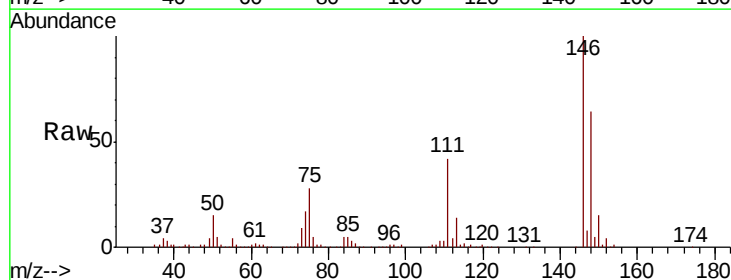
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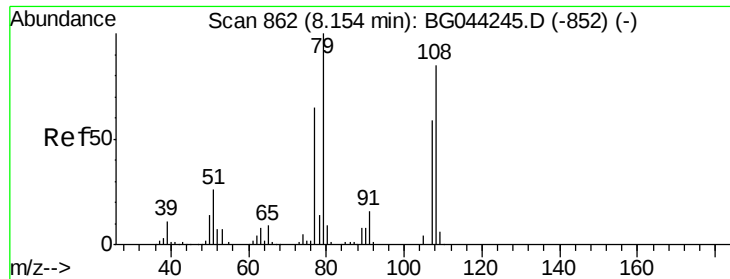
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.020 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	42.1	34.0	51.0





#15

Benzyl Alcohol

Concen: 46.049 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

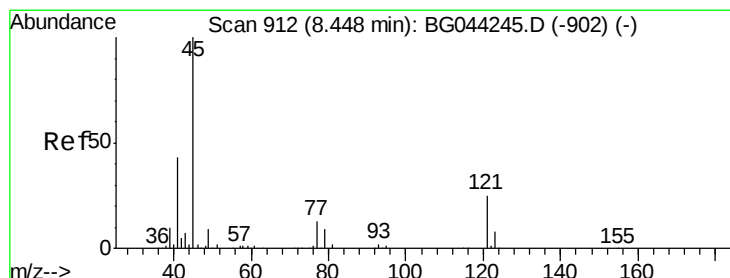
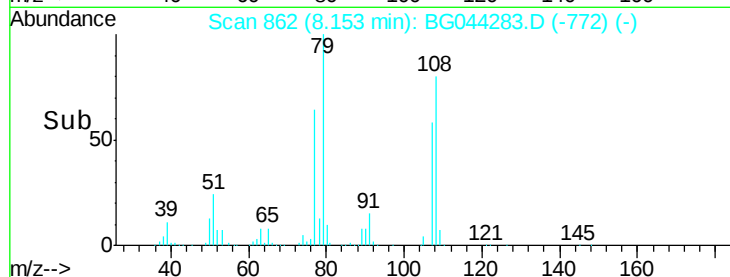
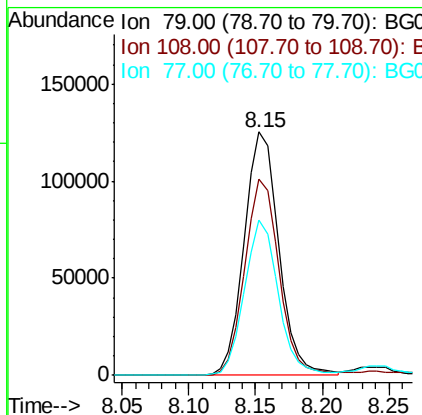
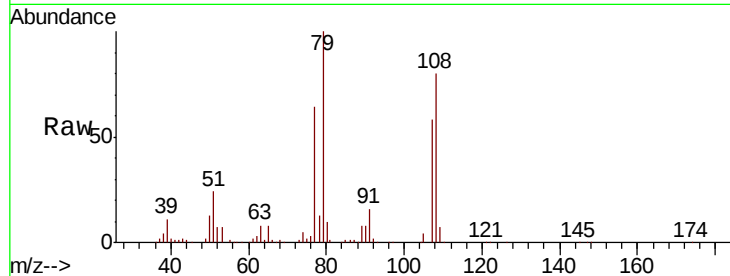
ClientSampleId :

PB126459BS

Tot Ion:	79	Resp:	224862
Ion	Ratio	Lower	Upper
79	100		
108	80.5	68.3	102.5
77	64.0	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.792 ng

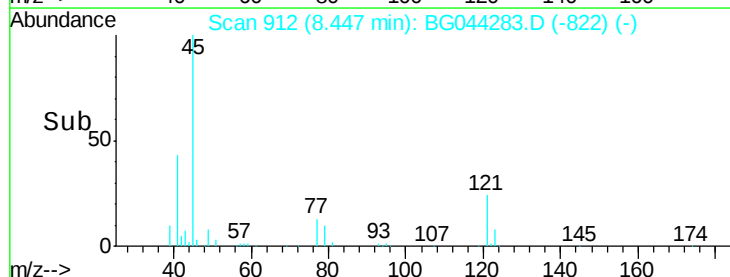
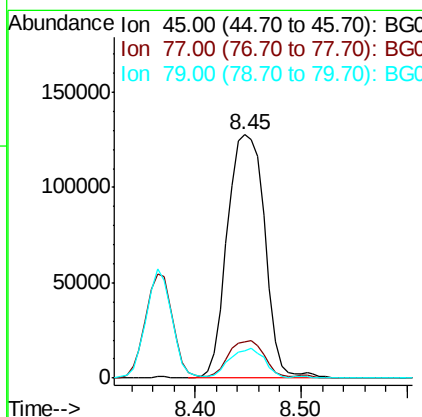
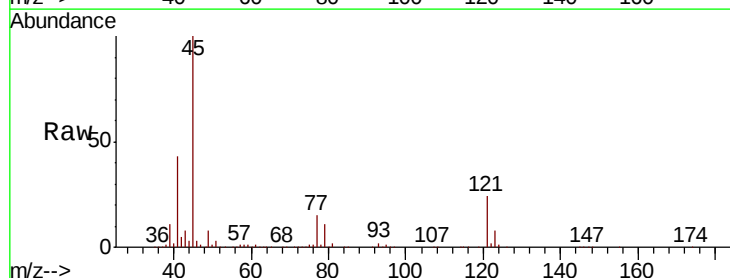
RT: 8.45 min Scan# 912

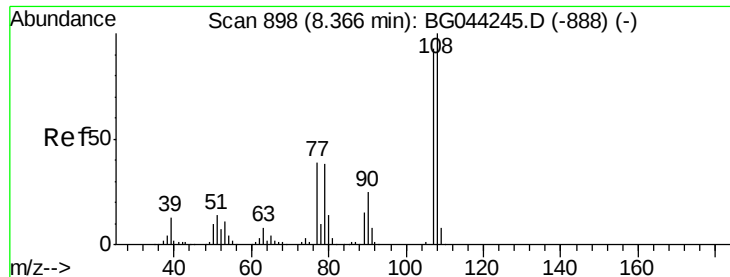
Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	45	Resp:	314305
Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.2
79	11.2	0.0	31.1





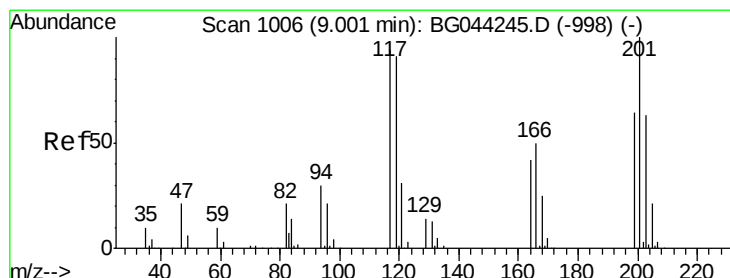
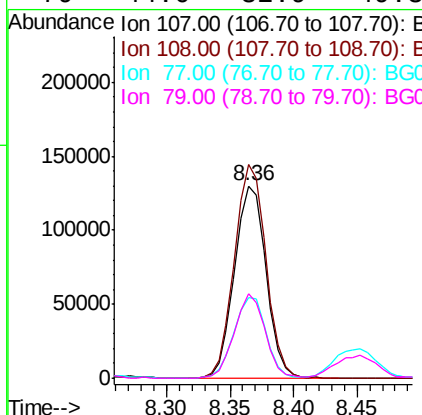
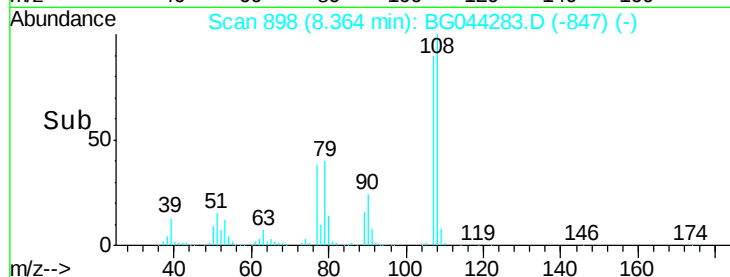
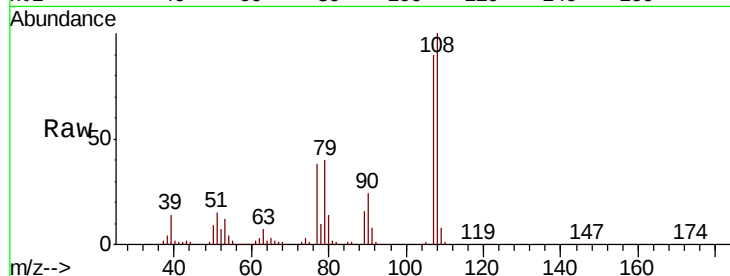
#17
2-Methylphenol
Concen: 46.305 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	86.4	129.6	
77	42.1	34.0	51.0	
79	44.0	32.9	49.3	

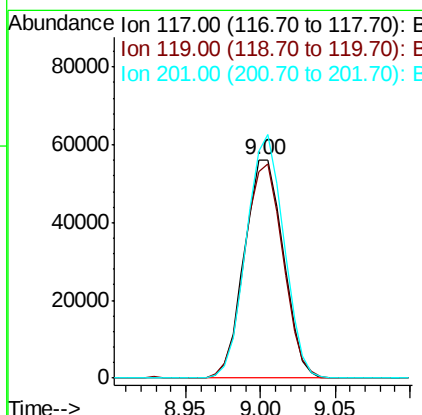
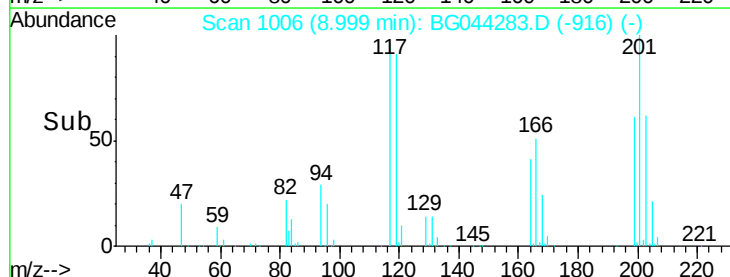
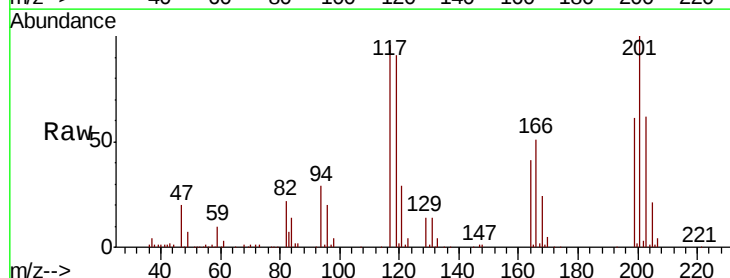
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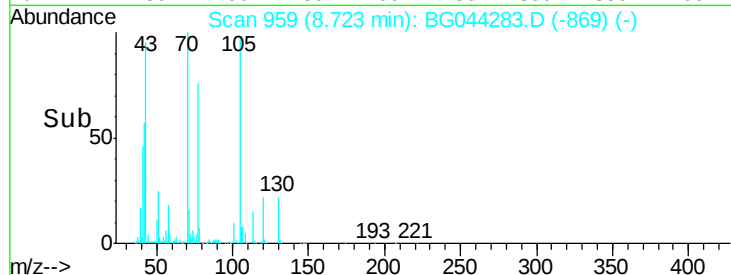
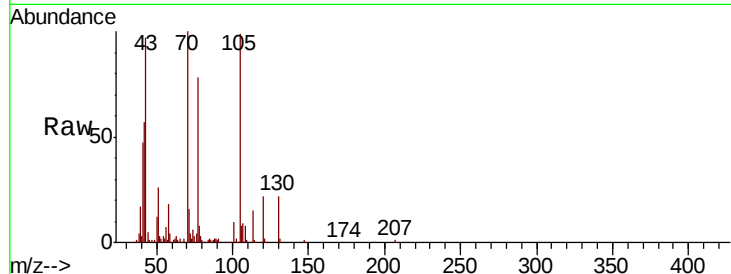
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#18
Hexachloroethane
Concen: 40.509 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	77.5	116.3	
201	103.9	84.9	127.3	





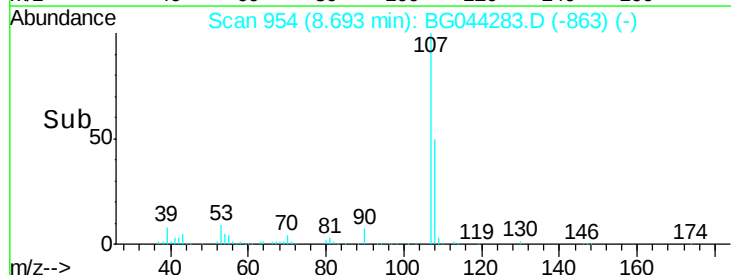
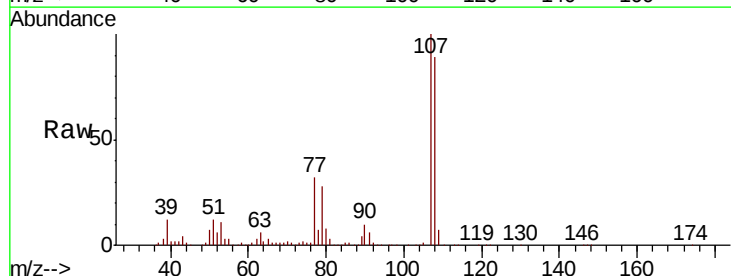
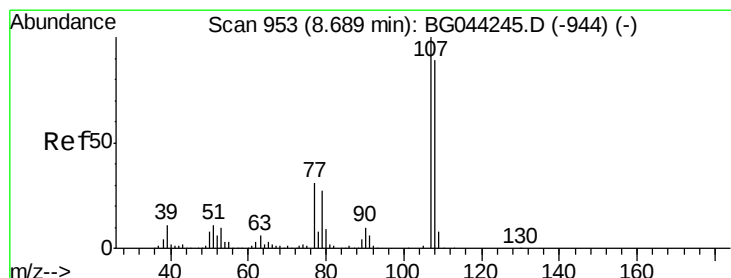
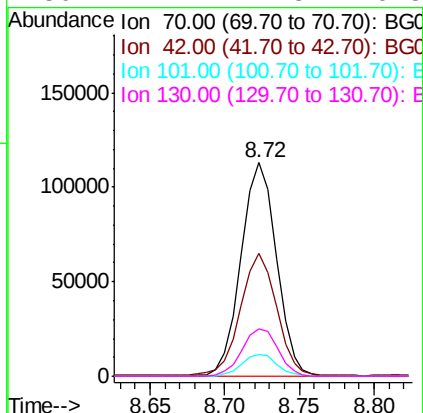
#19
n-Nitroso-di-n-propylamine
Concen: 40.590 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.4	46.2	69.2
101	10.0	8.4	12.6
130	22.2	17.8	26.8

Instrument :
BNA_G
ClientSampleId :
PB126459BS

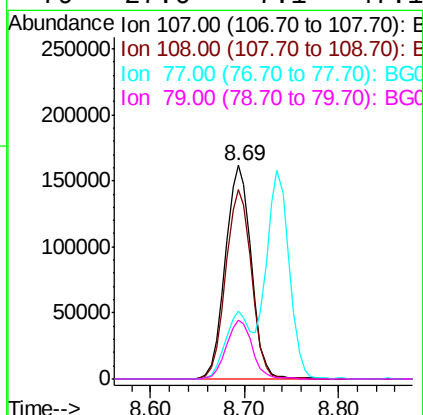
Manual Integrations
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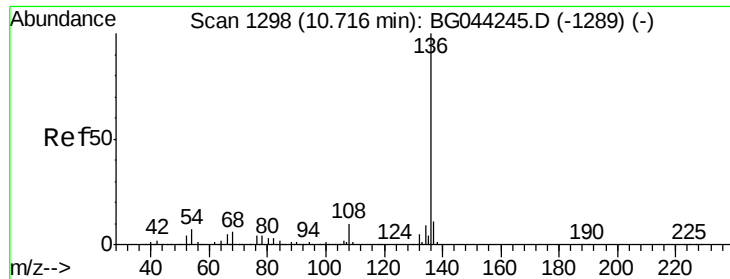
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#20
3+4-Methylphenols
Concen: 45.981 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.5	108.5
77	31.7	10.9	50.9
79	27.6	7.1	47.1





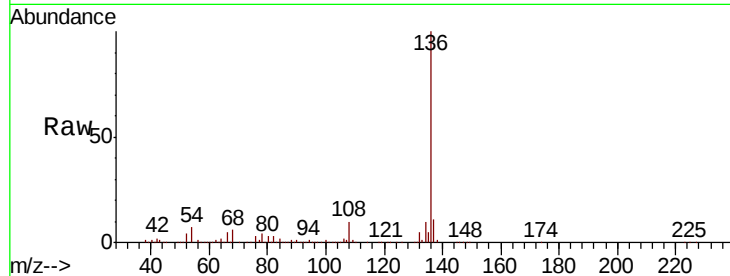
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	365249		
137	10.9		8.8	13.2
54	7.5		5.8	8.8
68	5.9		4.6	6.8

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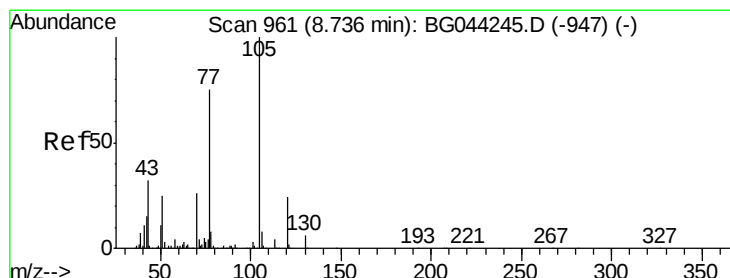
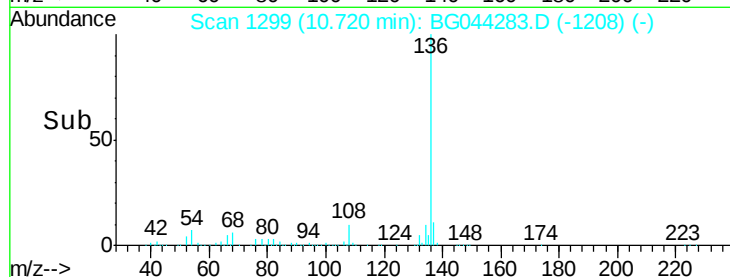
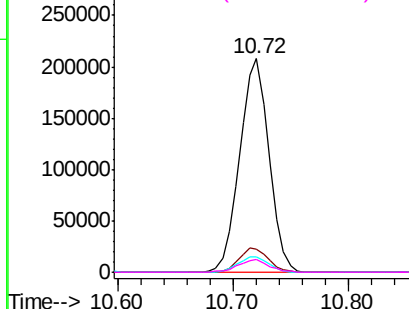
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.377 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358768		
71	4.8		3.4	5.0
51	25.6		20.2	30.4
120	22.8		19.1	28.7

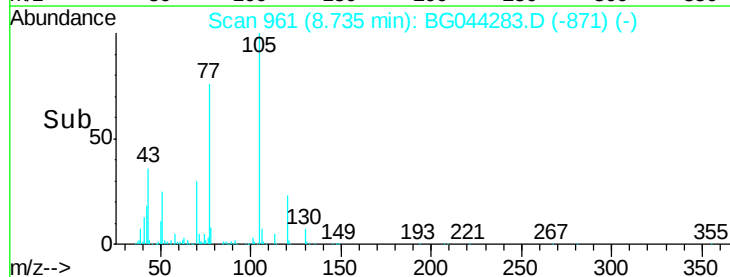
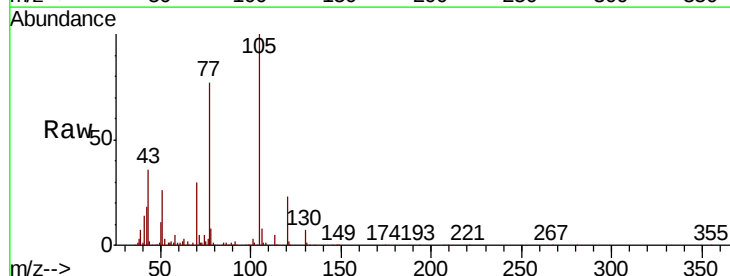
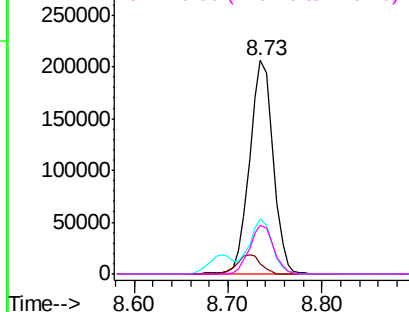
Abundance

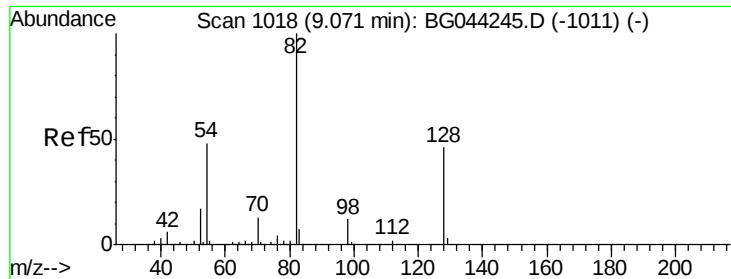
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





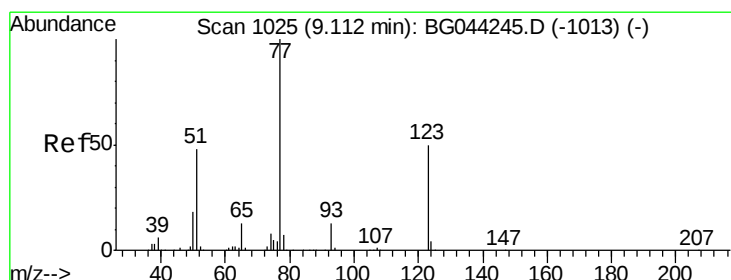
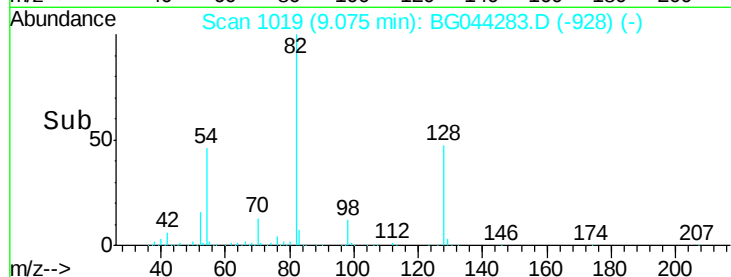
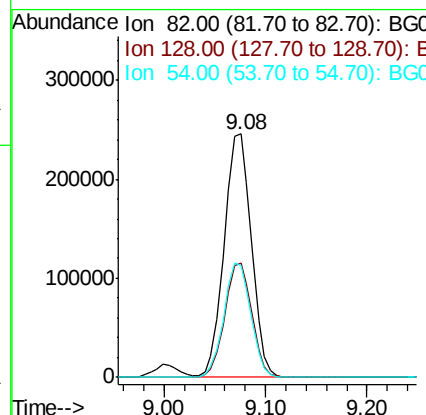
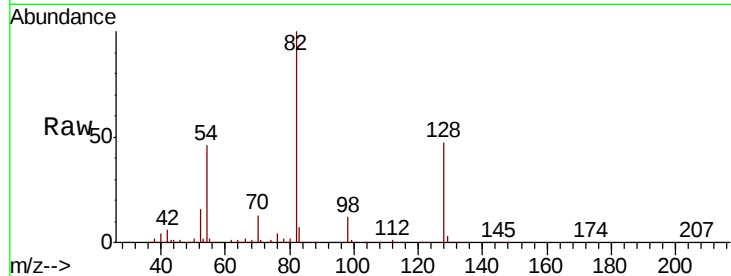
#23
 Nitrobenzene-d5
 Concen: 70.850 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	458372		
128	46.8	36.5	54.7	
54	46.0	38.6	58.0	

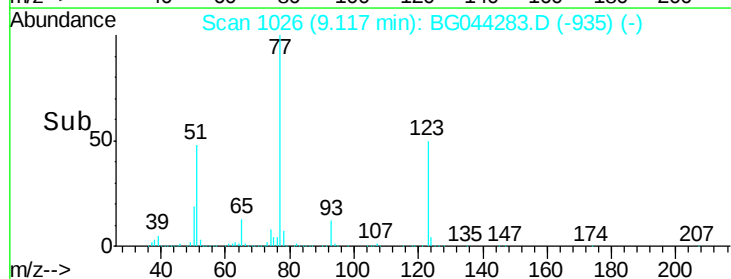
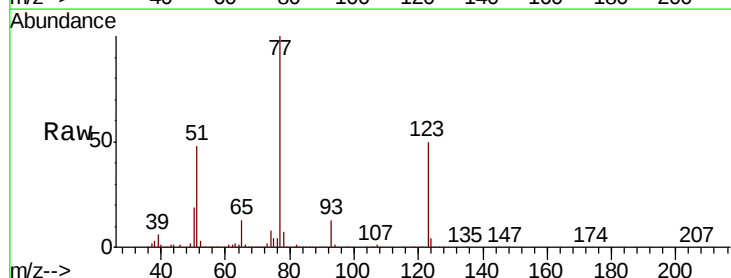
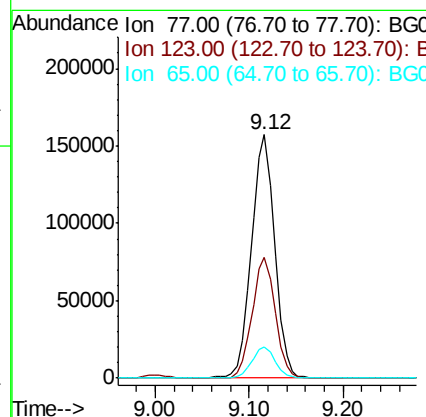
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#24
 Nitrobenzene
 Concen: 42.332 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	267364		
123	49.6	39.9	59.9	
65	12.9	10.4	15.6	





#25

Isophorone

Concen: 42.611 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

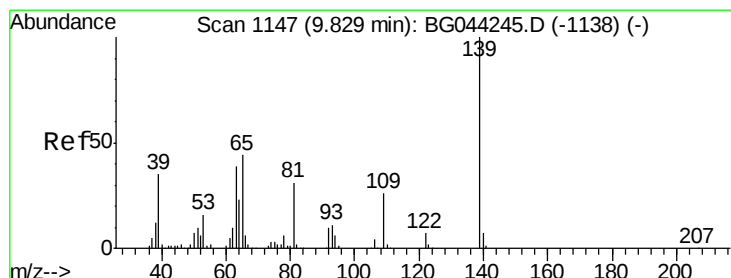
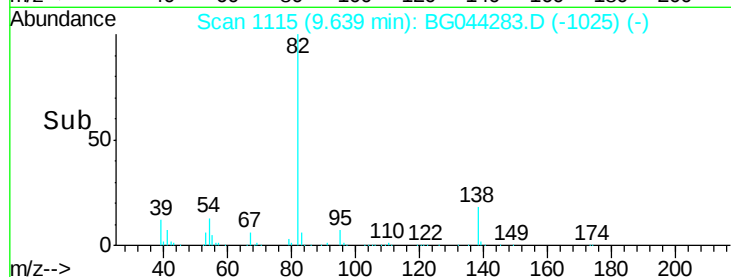
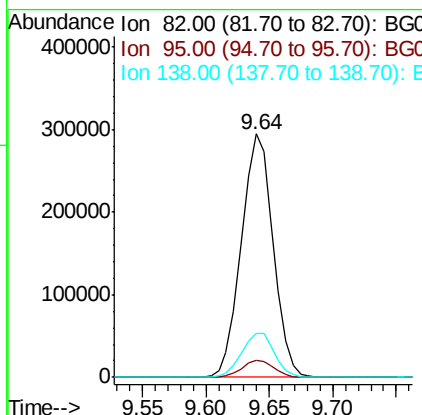
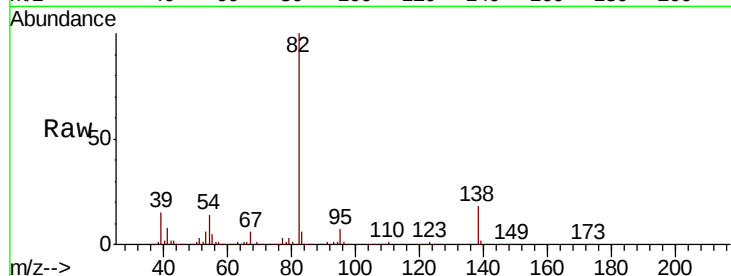
ClientSampleId :

PB126459BS

Tot Ion:	82	Resp:	513824
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	18.0	15.0	22.4

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#26

2-Nitrophenol

Concen: 46.421 ng

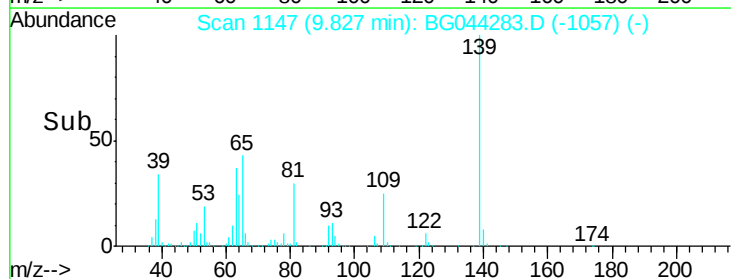
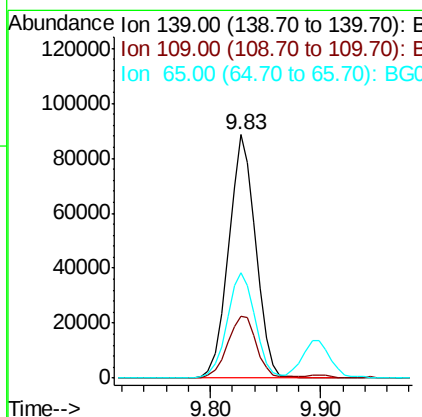
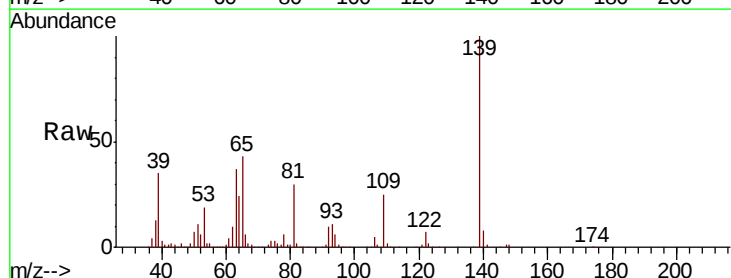
RT: 9.83 min Scan# 1147

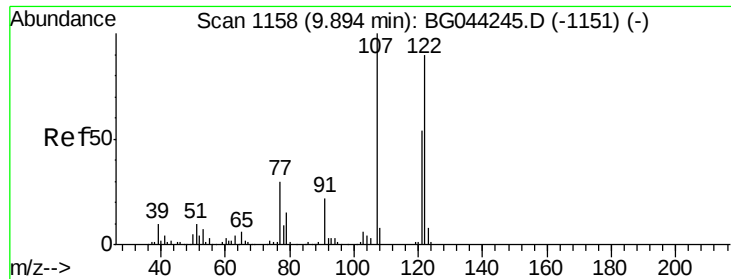
Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	139	Resp:	152134
Ion	Ratio	Lower	Upper
139	100		
109	25.4	21.0	31.4
65	43.3	35.0	52.4





#27

2,4-Dimethylphenol

Concen: 53.530 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

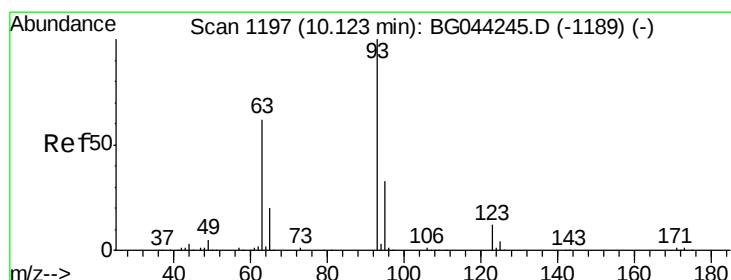
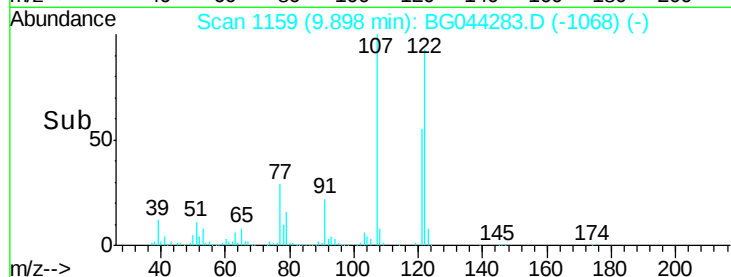
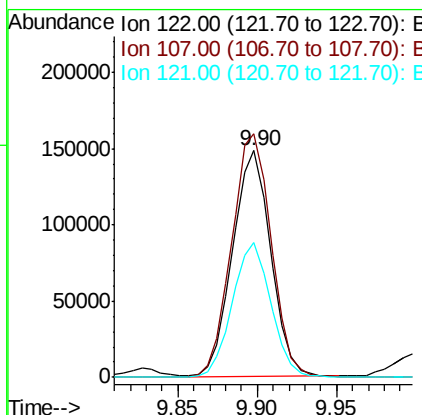
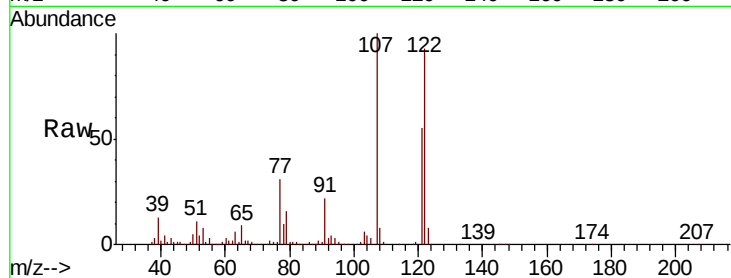
ClientSampleId :

PB126459BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.4	88.8	133.2
121	59.6	48.3	72.5

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#28

bis(2-Chloroethoxy)methane

Concen: 40.247 ng

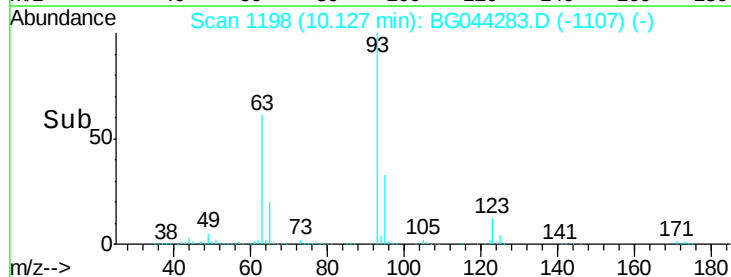
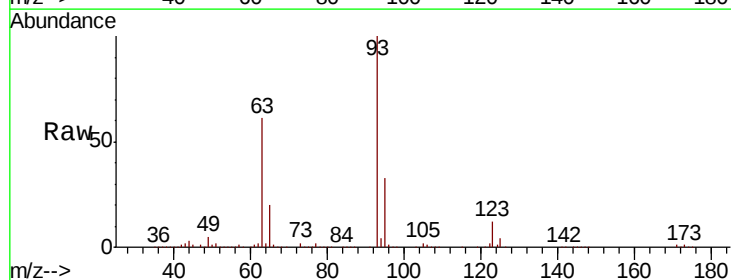
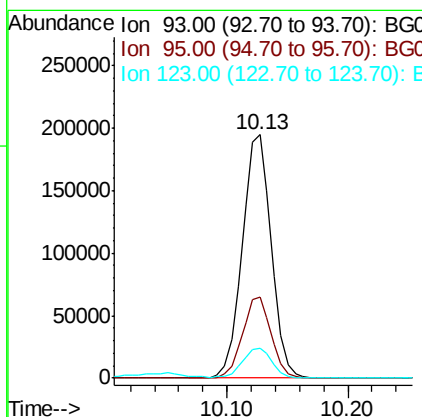
RT: 10.13 min Scan# 1198

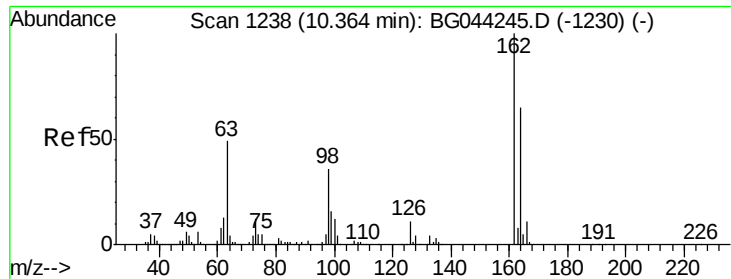
Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	40.0
123	12.2	10.0	15.0





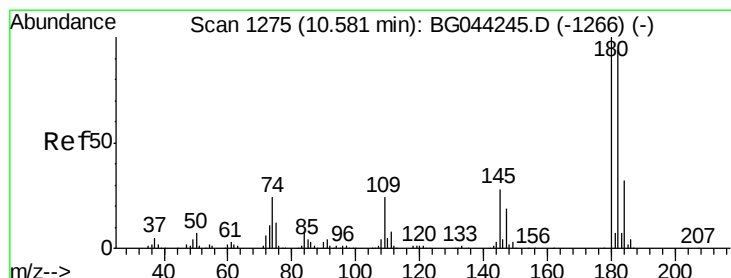
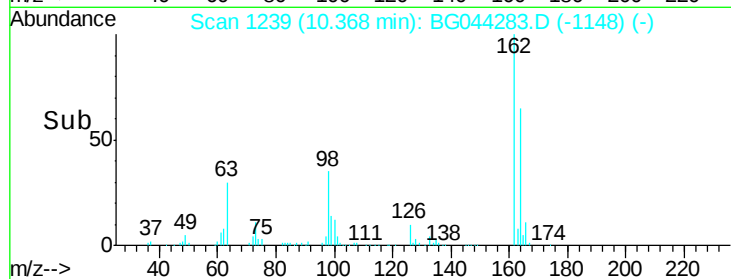
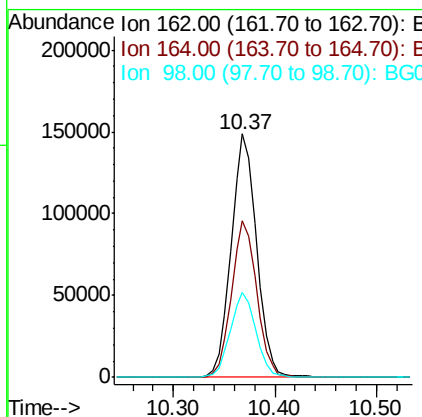
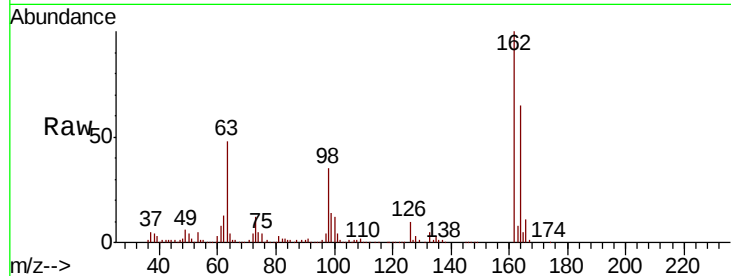
#29
 2,4-Dichlorophenol
 Concen: 46.152 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	258168		
164	64.5	44.7	84.7	
98	35.1	15.8	55.8	

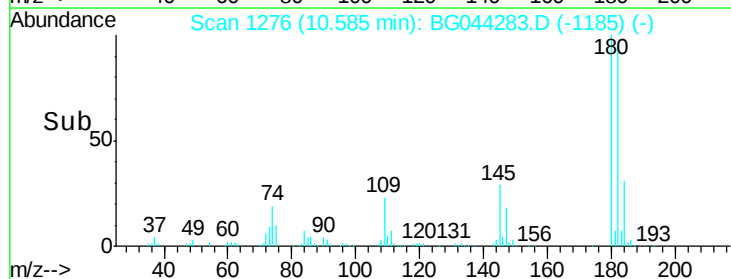
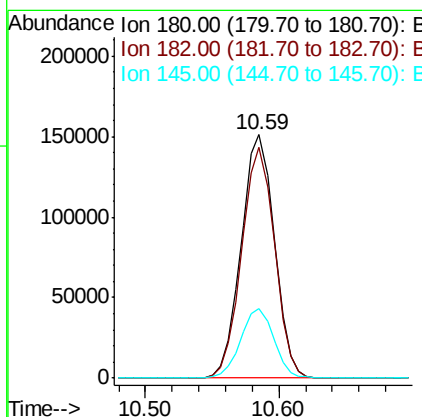
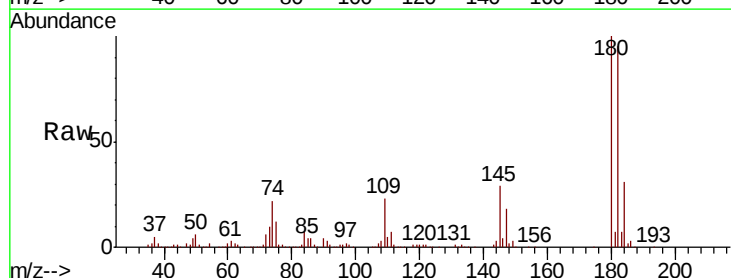
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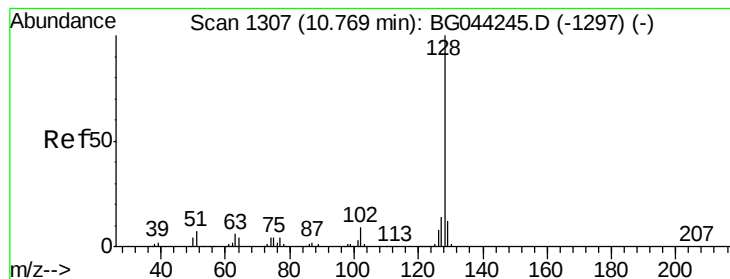
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.554 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	260121		
182	94.9	75.5	113.3	
145	28.7	22.6	34.0	





#31

Naphthalene

Concen: 43.028 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

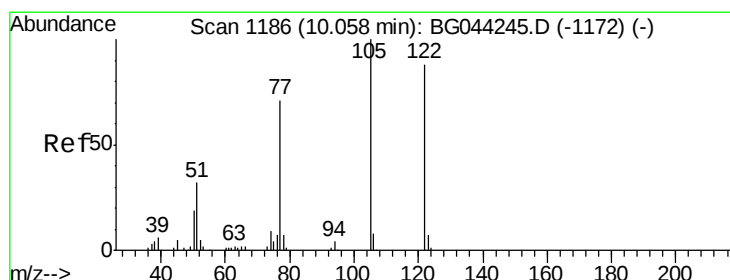
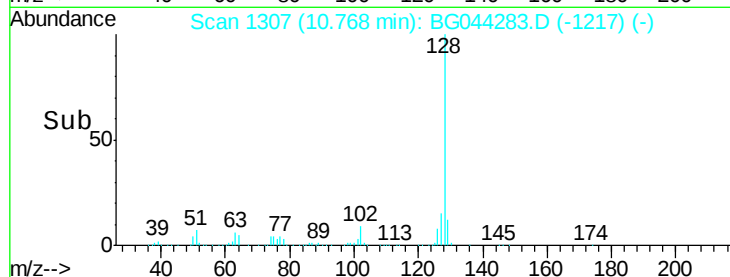
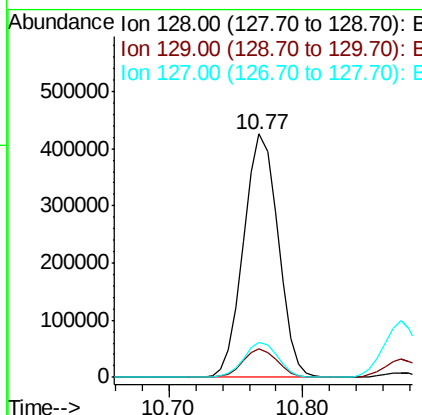
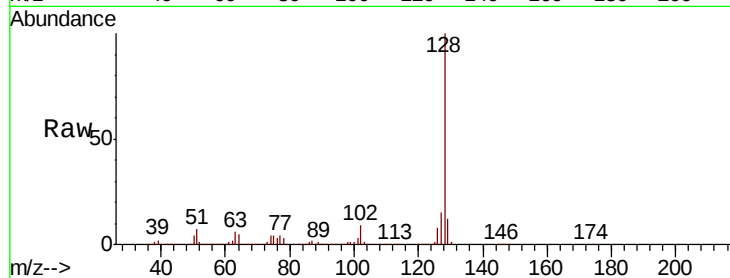
ClientSampleId :

PB126459BS

Tot Ion:	128	Resp:	762490
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.3	13.9
127	14.6	11.6	17.4

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#32

Benzoic acid

Concen: 54.225 ng

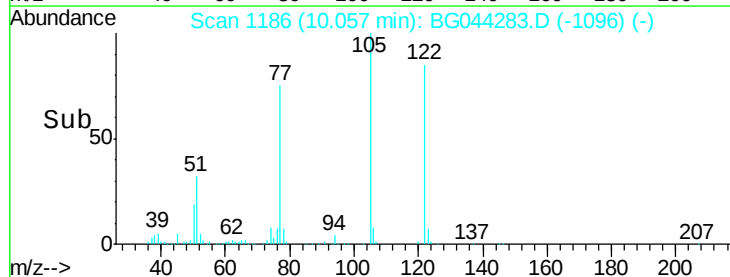
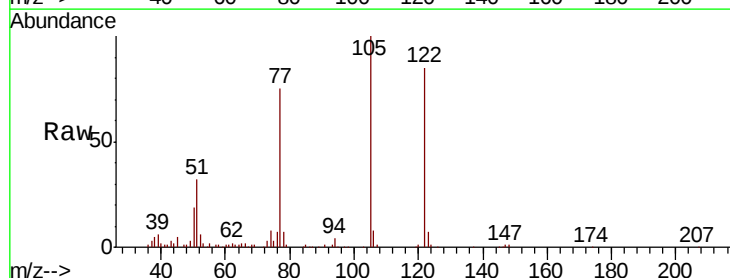
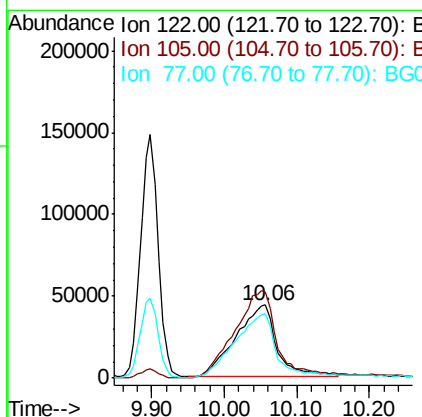
RT: 10.06 min Scan# 1186

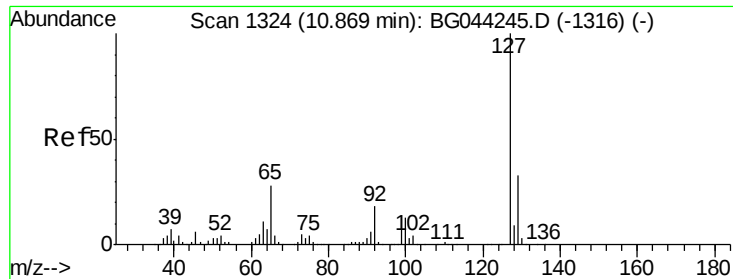
Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	122	Resp:	173180
Ion Ratio	Lower	Upper	
122	100		
105	117.2	93.5	133.5
77	88.4	61.0	101.0





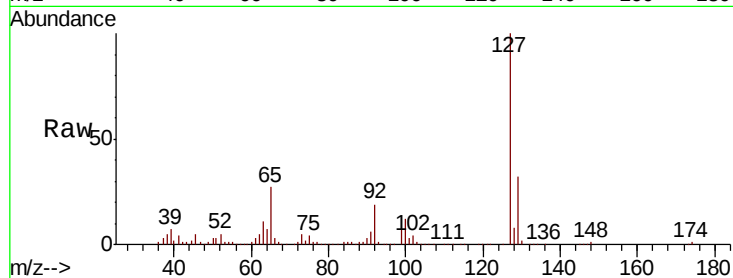
#33
4-Chloroaniline
Concen: 23.340 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampled :
PB126459BS

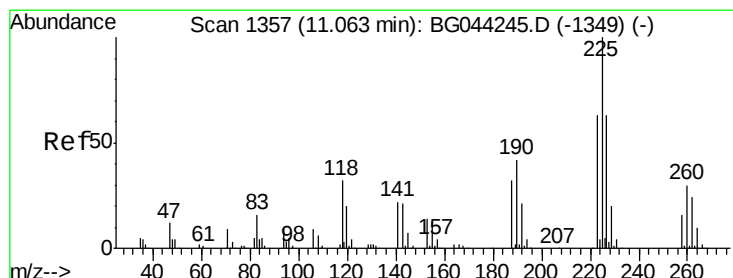
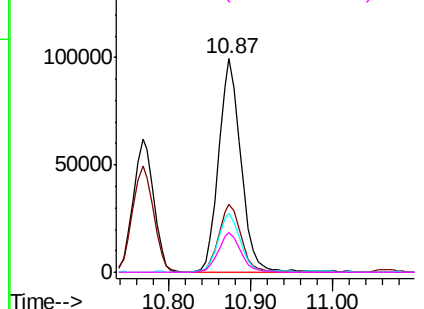
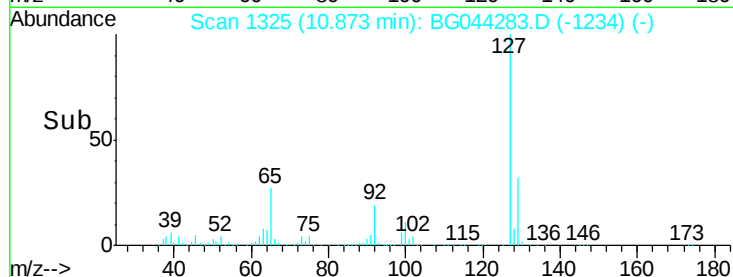
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.6	40.0	
65	27.3	22.5	33.7	
92	18.7	14.1	21.1	

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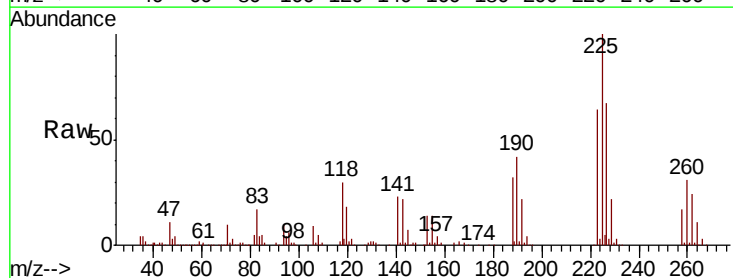


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

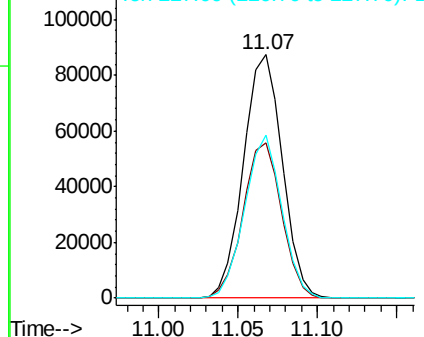
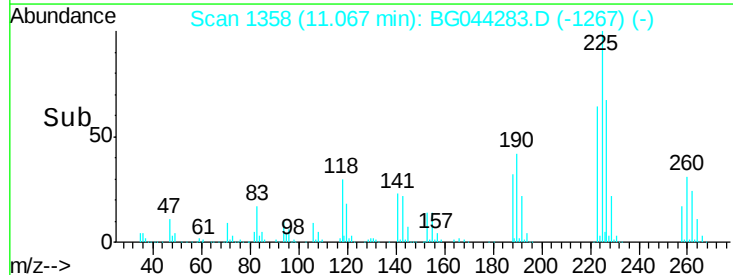


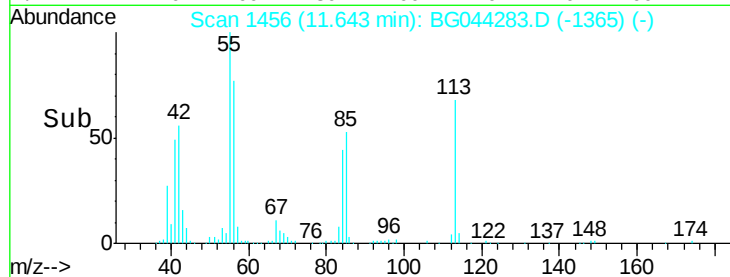
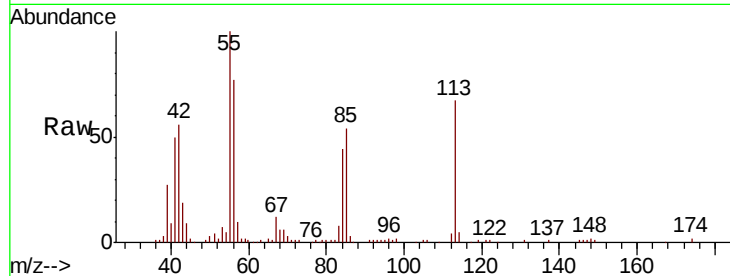
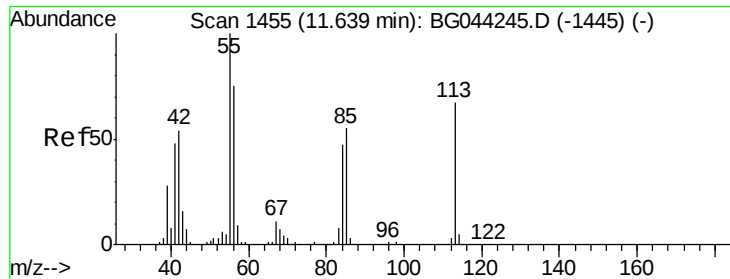
#34
Hexachlorobutadiene
Concen: 37.807 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.2	75.4	
227	66.9	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: 50.059 ng/mL

RT: 11.64 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

PB126459BS

Tot Ion:113 Resp: 102577

Ion Ratio Lower Upper

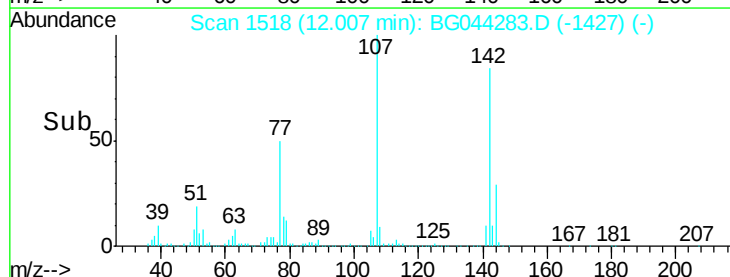
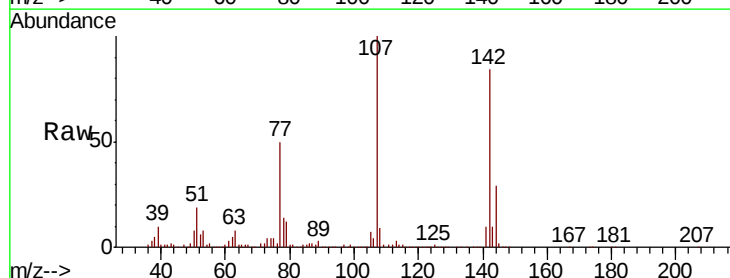
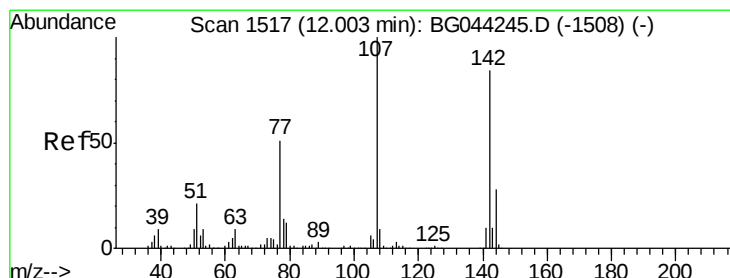
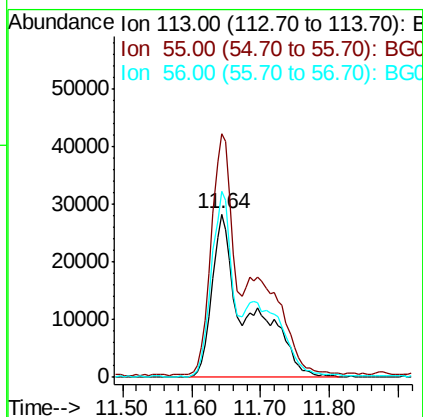
113 100

55 148.9 129.9 169.9

56 114.0 92.5 132.5

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#36

4-Chloro-3-methylphenol

Concen: 46.448 ng/mL

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

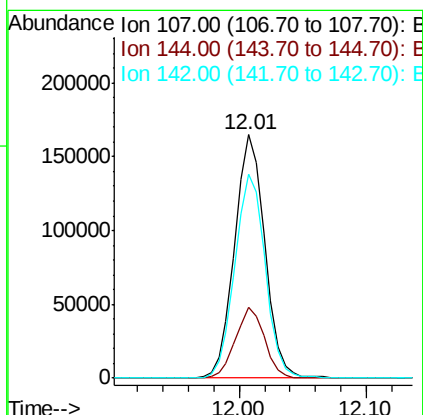
Tgt Ion:107 Resp: 272415

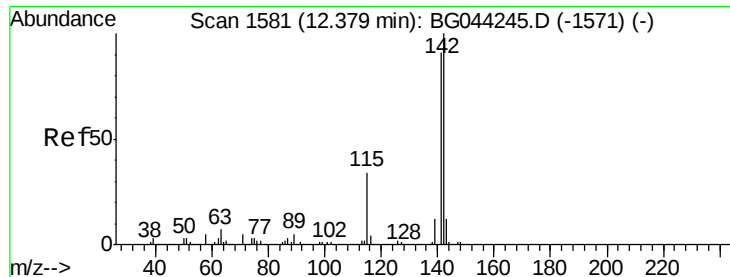
Ion Ratio Lower Upper

107 100

144 29.0 22.2 33.4

142 83.9 67.4 101.0





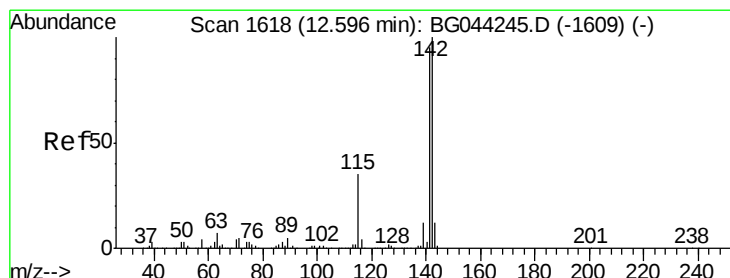
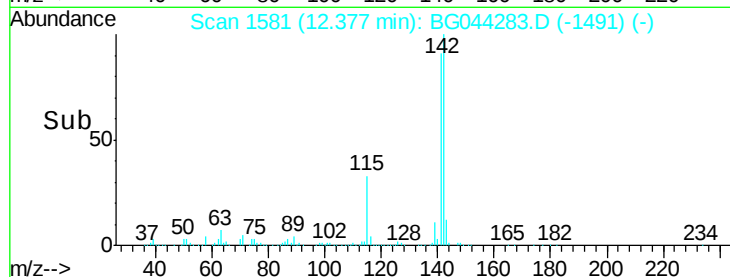
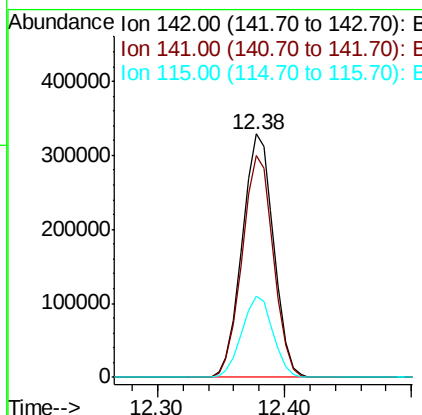
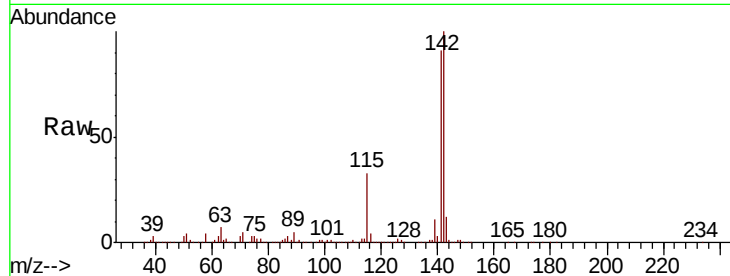
#37
2-Methylnaphthalene
Concen: 42.948 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8
115	33.0	27.1	40.7

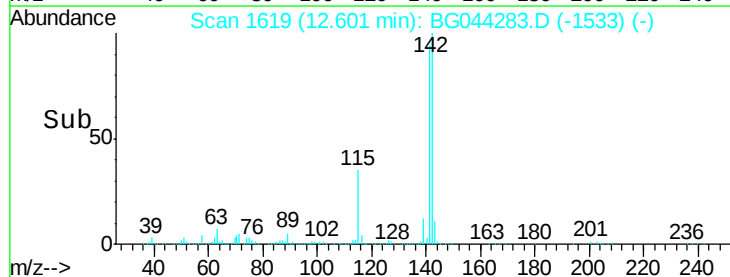
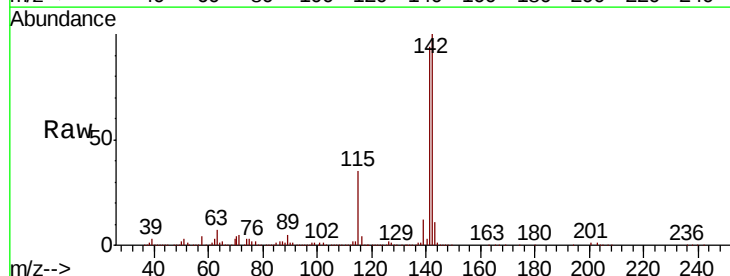
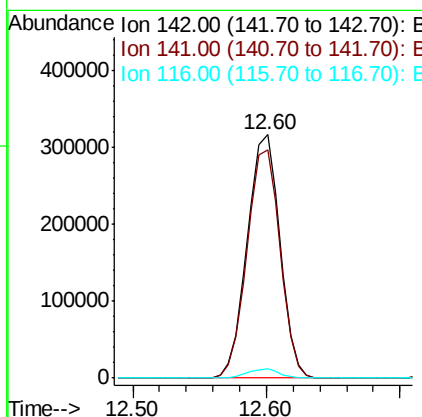
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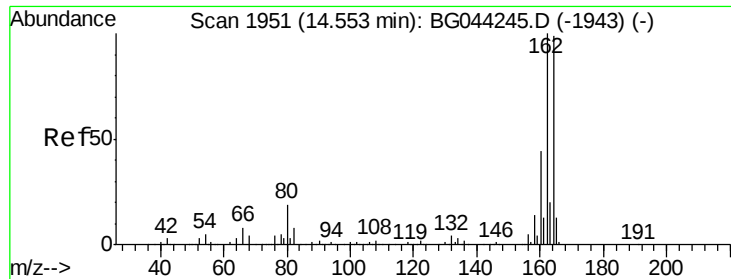
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#38
1-Methylnaphthalene
Concen: 43.104 ng
RT: 12.60 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.8	113.6
116	3.8	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: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

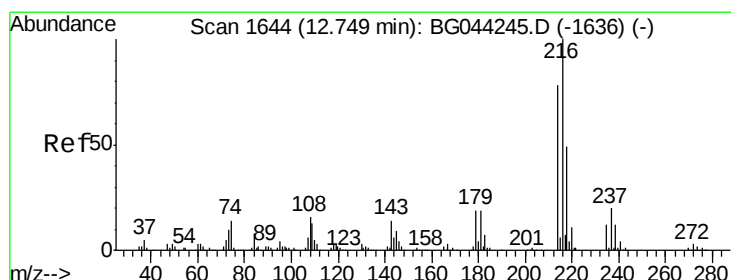
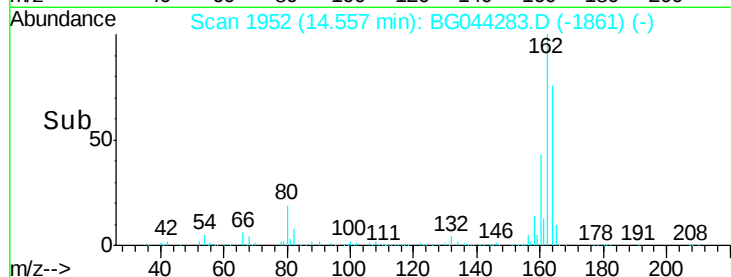
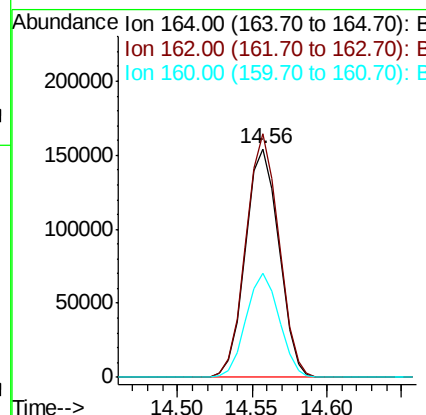
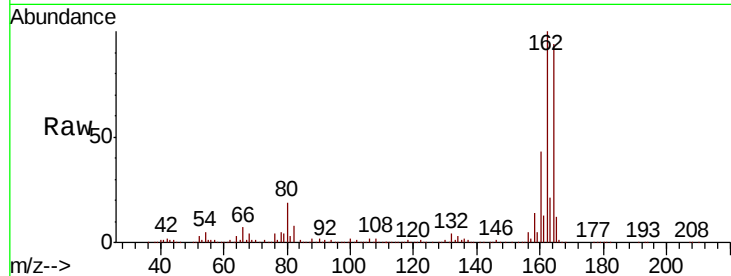
ClientSampleId :

PB126459BS

Tot Ion:	164	Resp:	239982
Ion Ratio	Lower	Upper	
164	100		
162	106.6	80.7	121.1
160	45.4	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.143 ng

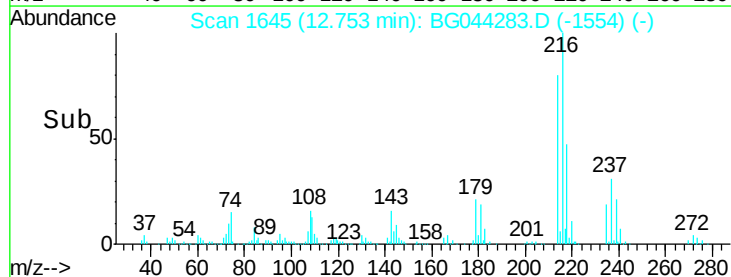
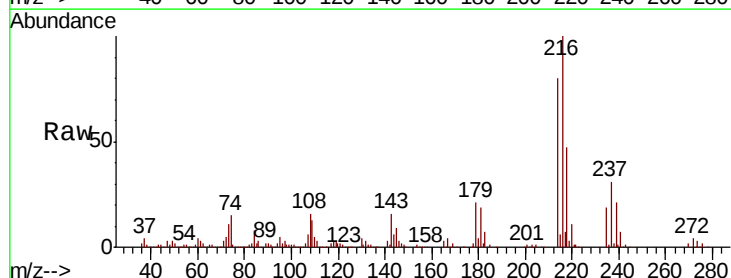
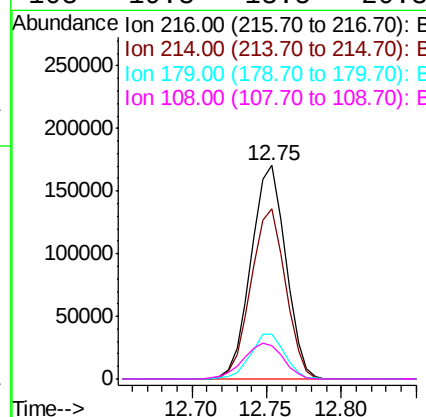
RT: 12.75 min Scan# 1645

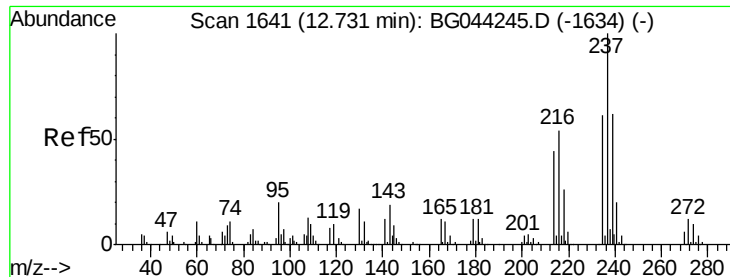
Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	216	Resp:	273812
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.6
179	21.0	16.2	24.4
108	19.3	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 93.315 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

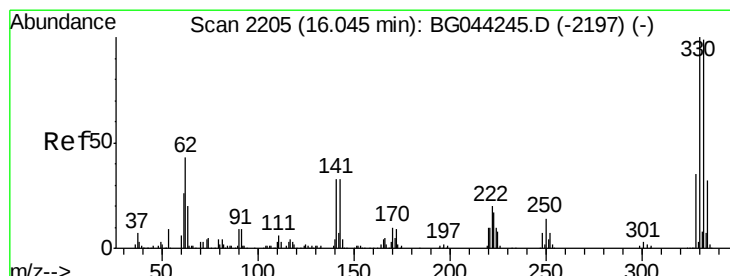
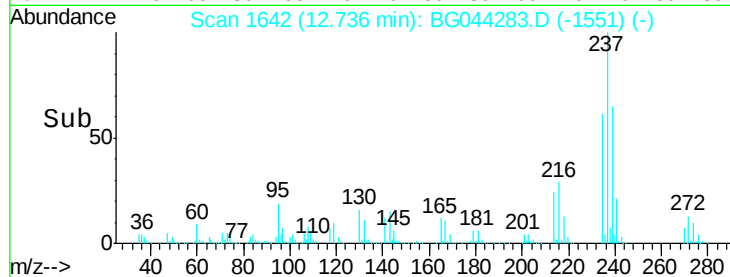
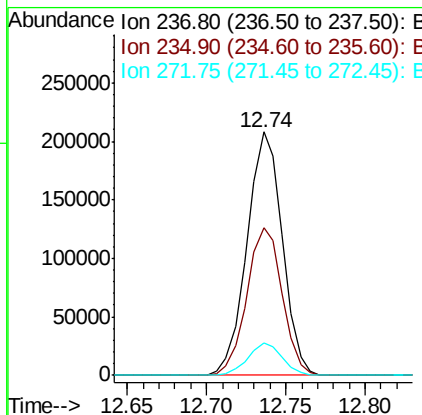
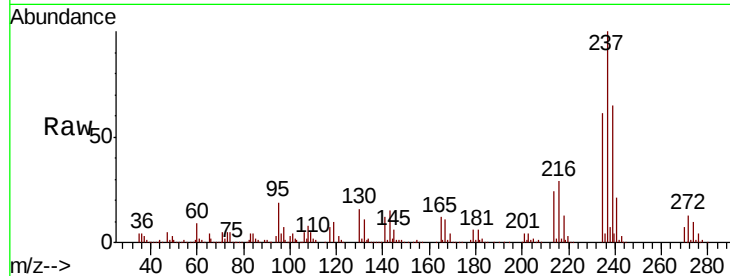
ClientSampleId :

PB126459BS

Tot Ion:	237	Resp:	321425
Ion Ratio		Lower	Upper
237	100		
235	60.8	41.2	81.2
272	13.2	0.0	32.4

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#42

2,4,6-Tribromophenol

Concen: 121.384 ng

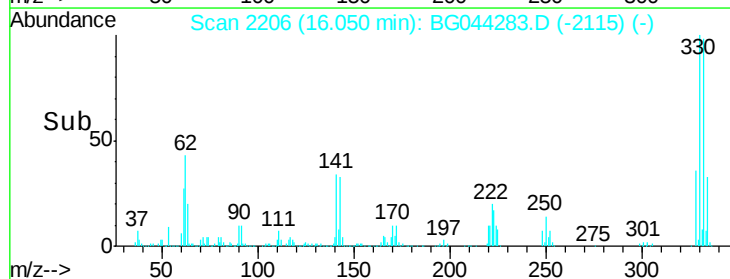
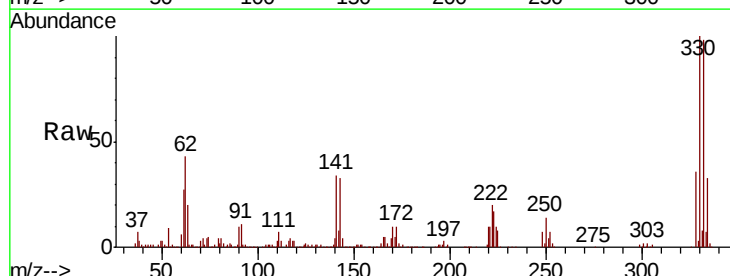
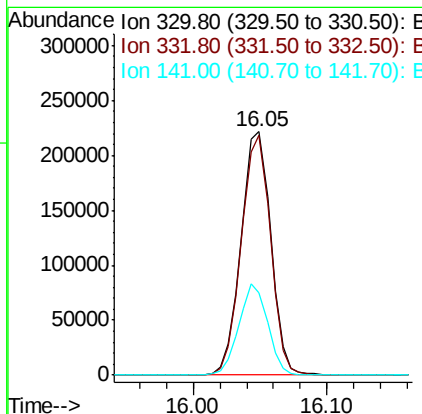
RT: 16.05 min Scan# 2206

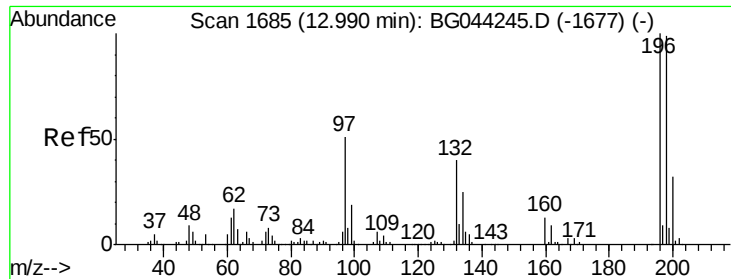
Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	330	Resp:	341968
Ion Ratio		Lower	Upper
330	100		
332	96.7	77.2	115.8
141	36.5	28.3	42.5





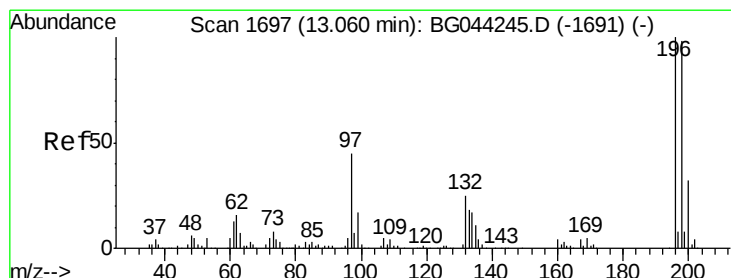
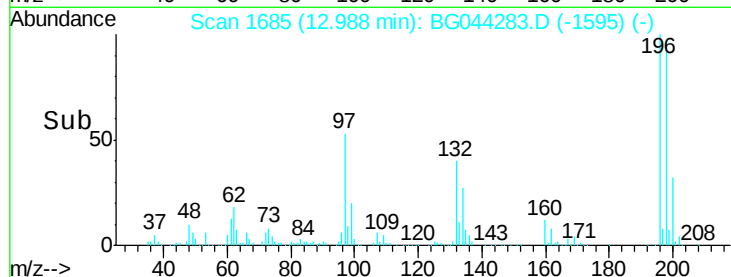
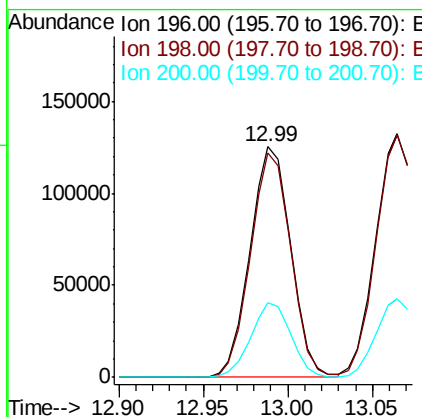
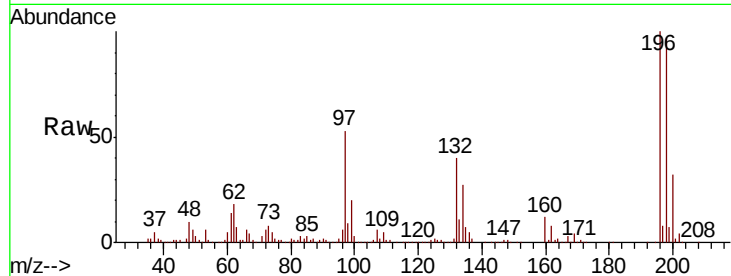
#43
 2,4,6-Trichlorophenol
 Concen: 45.295 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210173		
198	97.1	79.3	118.9	
200	32.3	25.7	38.5	

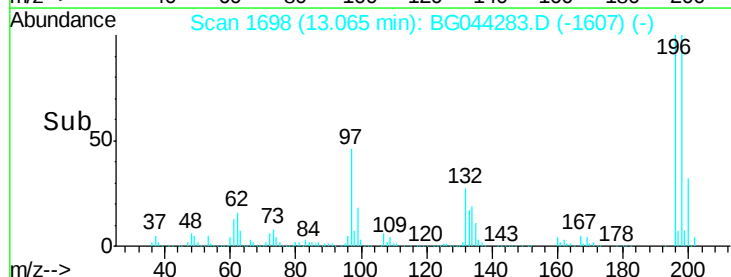
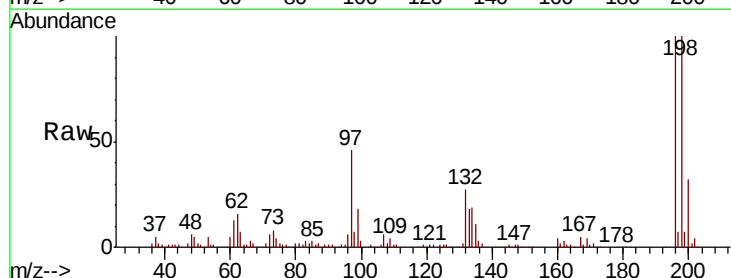
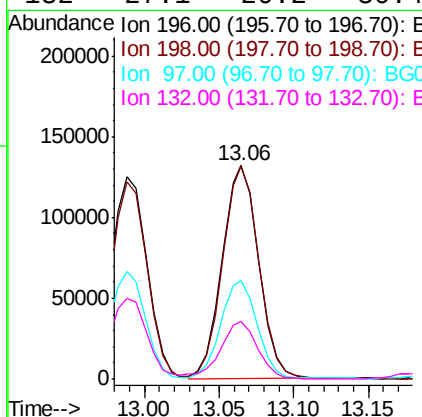
Manual Integrations
 APPROVED

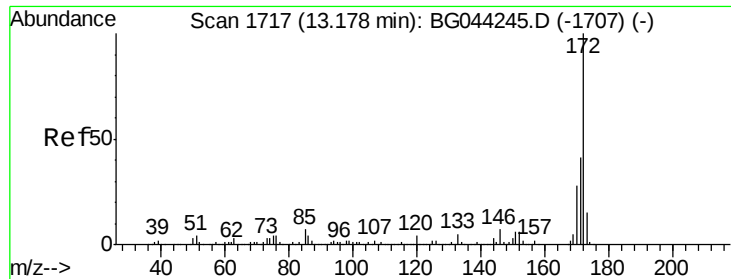
mohammad
 2/6/2020 2:17:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.500 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225119		
198	99.5	78.2	117.2	
97	46.4	36.2	54.4	
132	27.1	20.2	30.4	





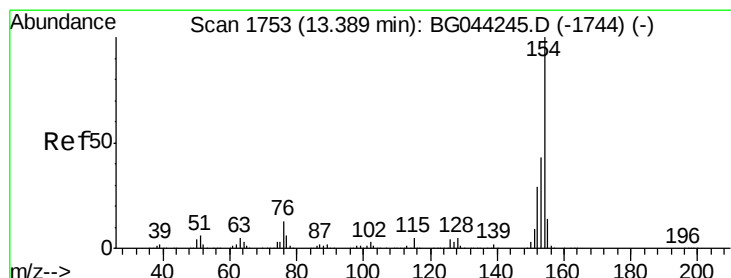
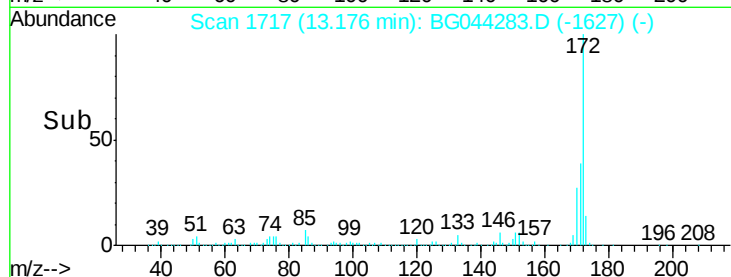
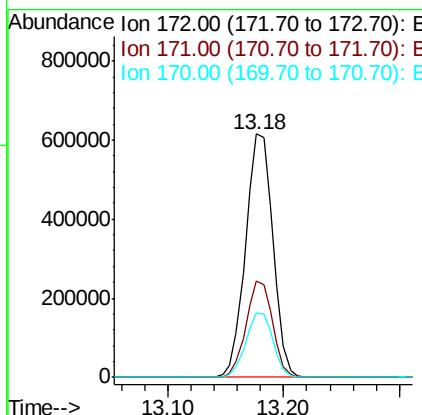
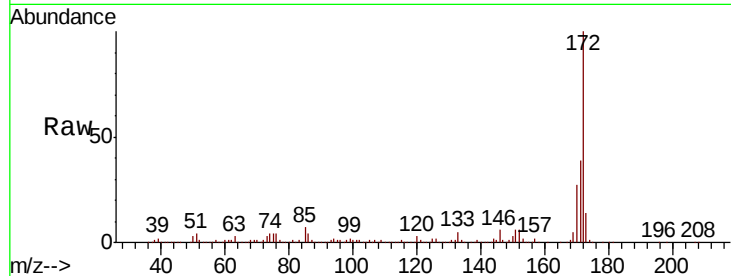
#45
2-Fluorobiphenyl
Concen: 70.639 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	26.6	22.0	33.0

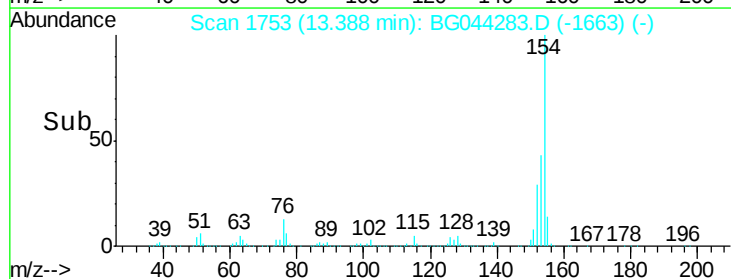
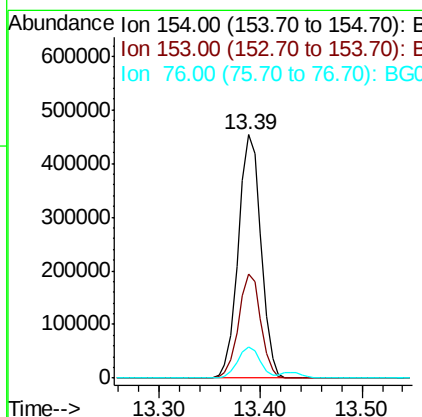
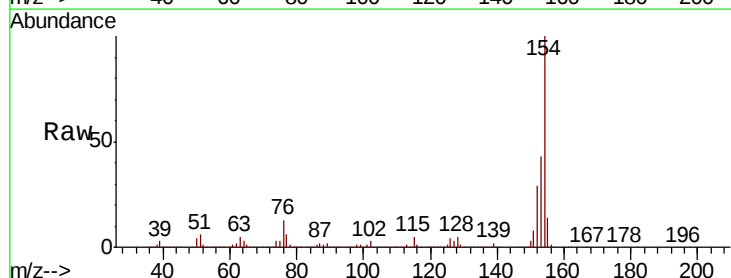
Manual Integrations
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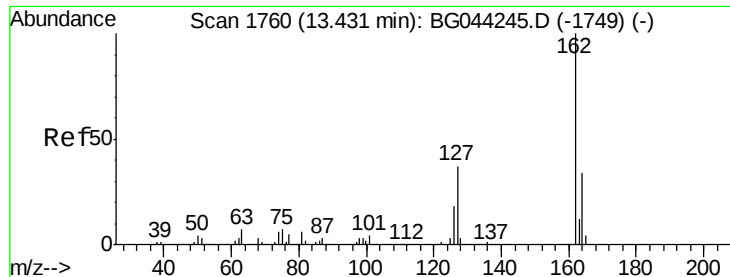
mohammad
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#46
1,1'-Biphenyl
Concen: 40.640 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.7	62.7
76	13.0	0.0	32.9





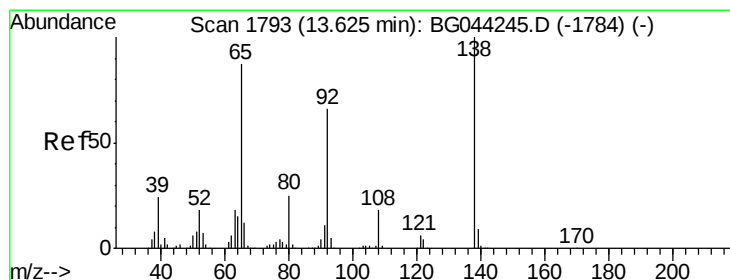
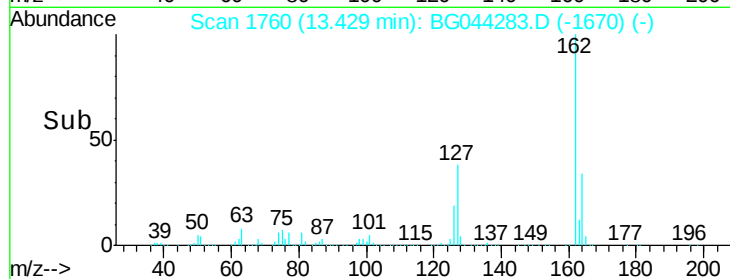
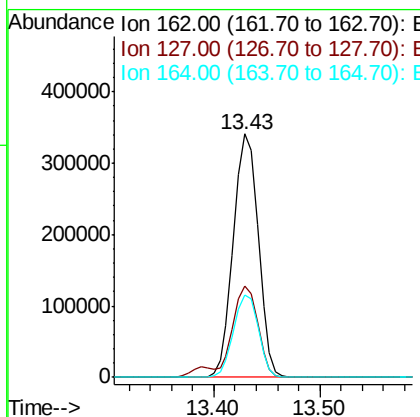
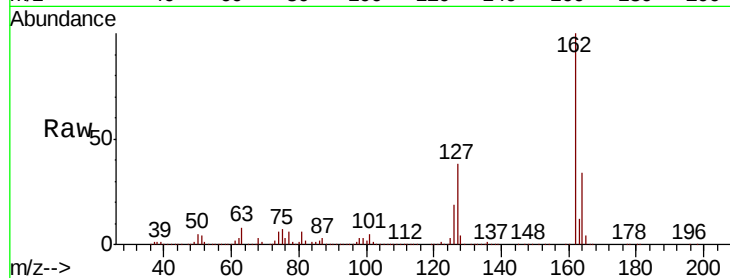
#47
2-Chloronaphthalene
Concen: 40.436 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.0	45.0
164	34.0	27.2	40.8

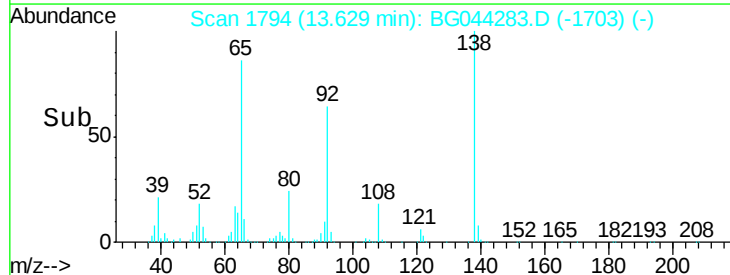
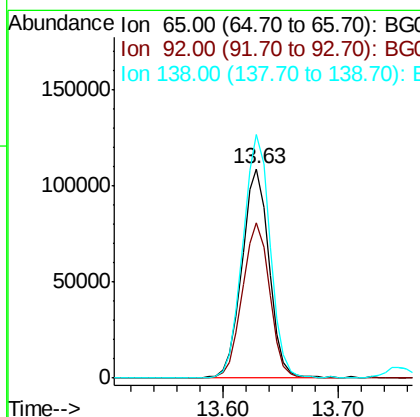
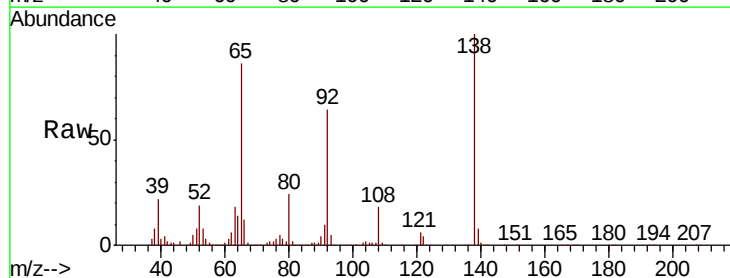
Manual Integrations
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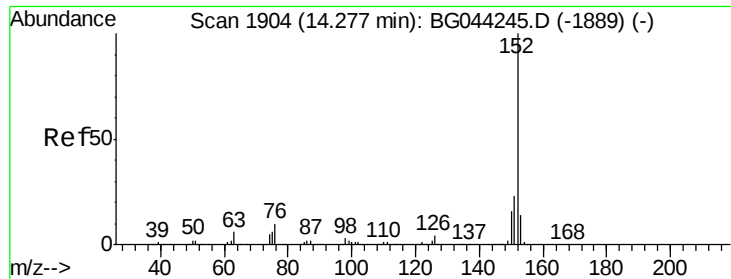
mohammad
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#48
2-Nitroaniline
Concen: 43.396 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	60.3	90.5
138	116.3	91.9	137.9





#49

Acenaphthylene

Concen: 44.322 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

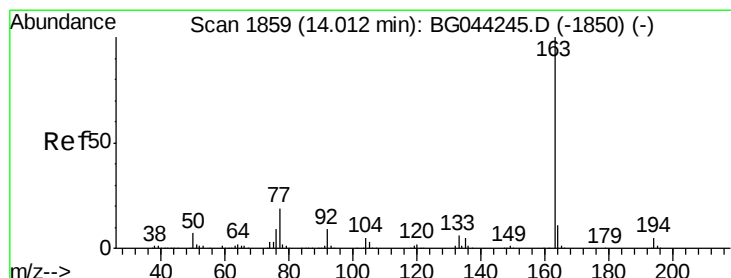
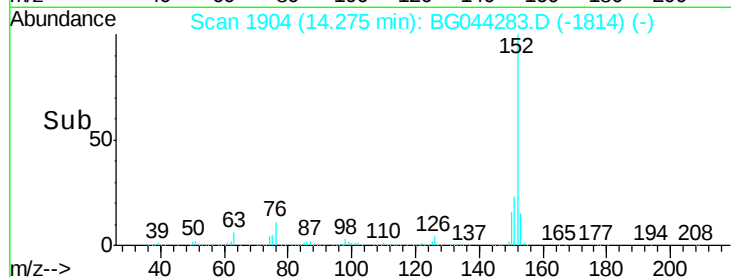
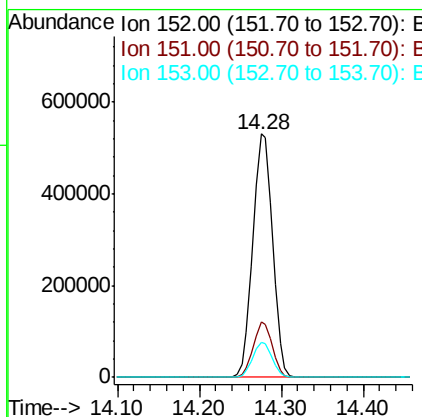
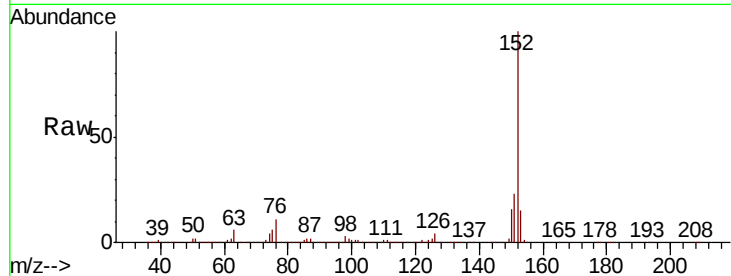
ClientSampleId :

PB126459BS

Tot Ion:	152	Resp:	895464
Ion Ratio	Lower	Upper	
152	100		
151	22.7	18.1	27.1
153	14.6	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.968 ng

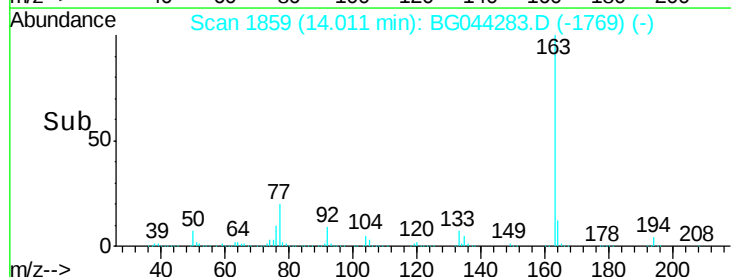
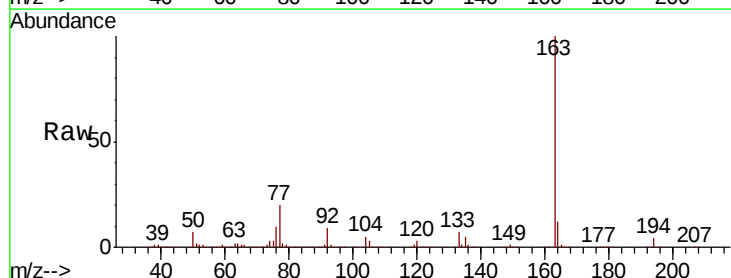
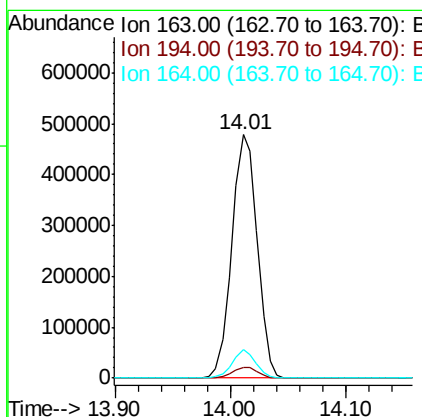
RT: 14.01 min Scan# 1859

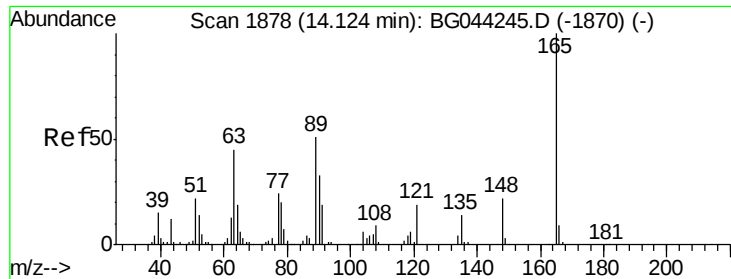
Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	163	Resp:	723979
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	11.6	8.7	13.1





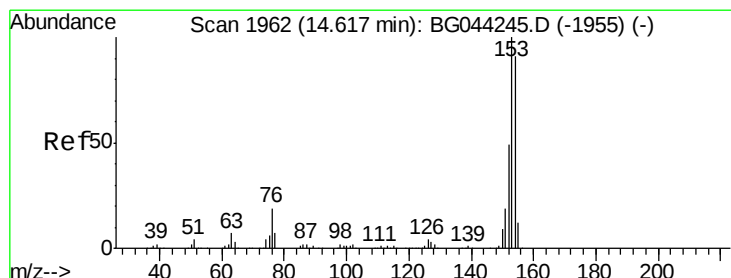
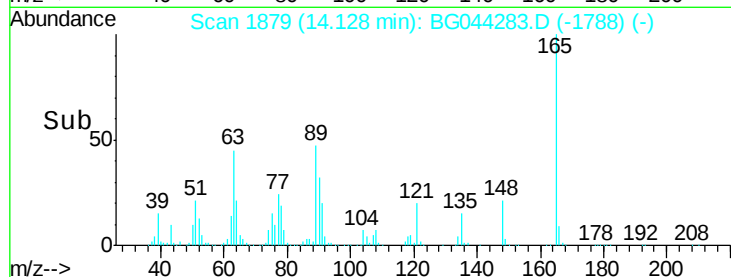
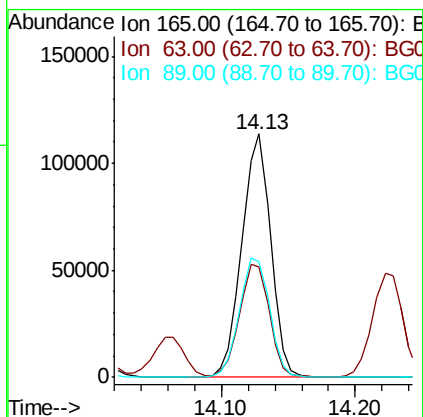
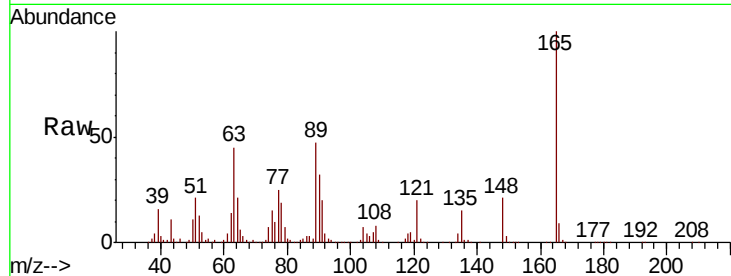
#51
2,6-Dinitrotoluene
Concen: 44.164 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169869		
63	45.4	38.7	58.1	
89	47.5	40.4	60.6	

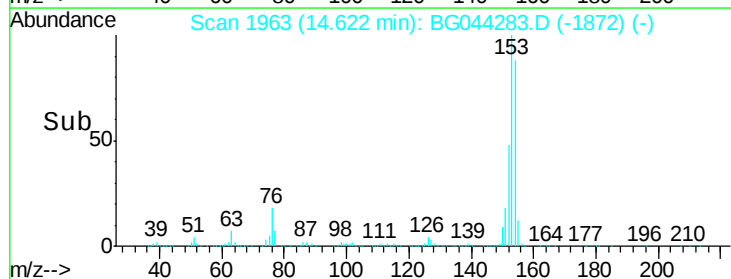
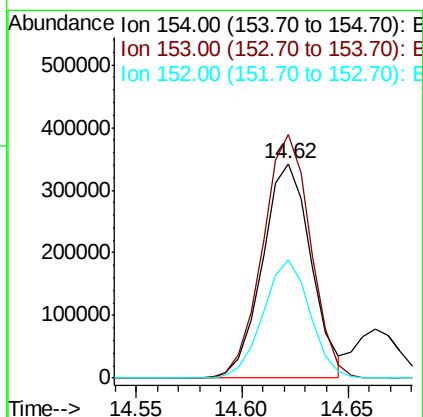
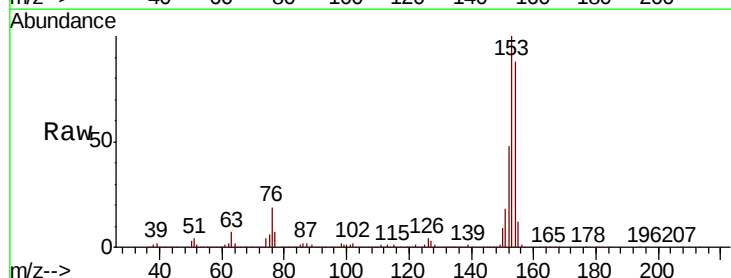
Manual Integrations
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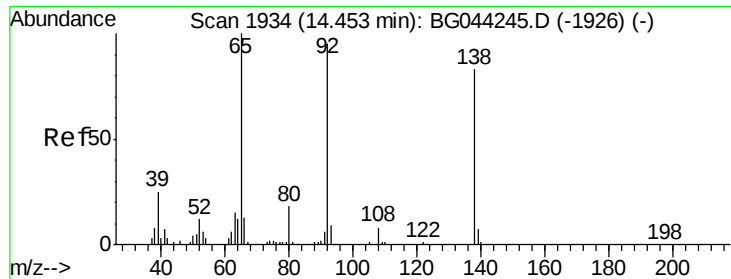
mohammad
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#52
Acenaphthene
Concen: 41.654 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	545470		
153	113.5	87.9	131.9	
152	54.9	43.1	64.7	





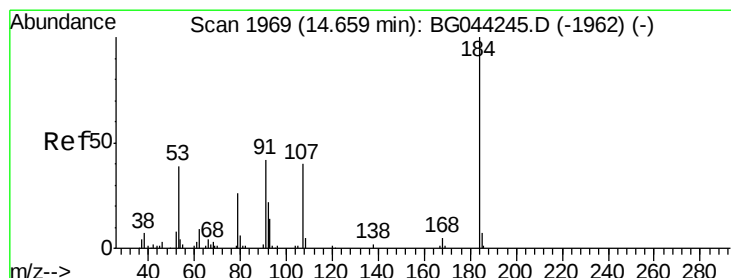
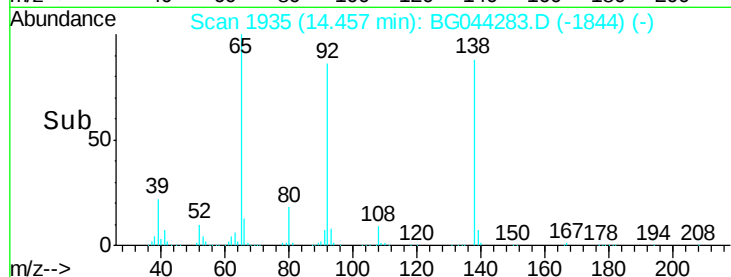
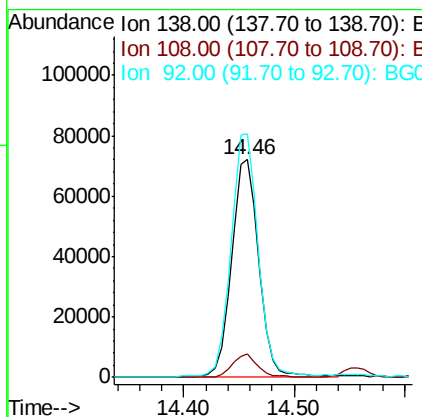
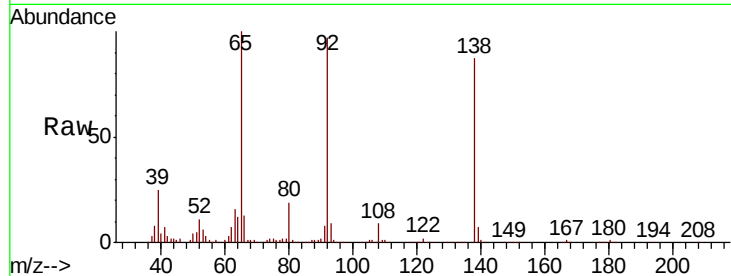
#53
3-Nitroaniline
Concen: 29.481 ng
RT: 14.46 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.9	11.9
92	111.7	91.0	136.4

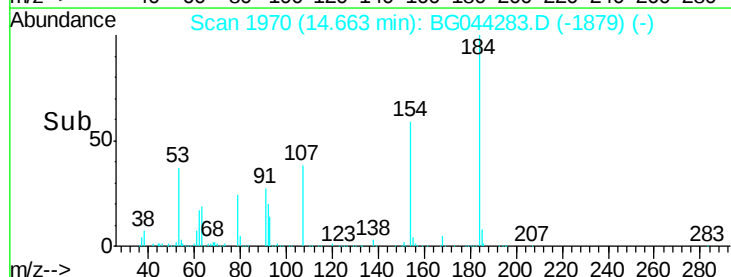
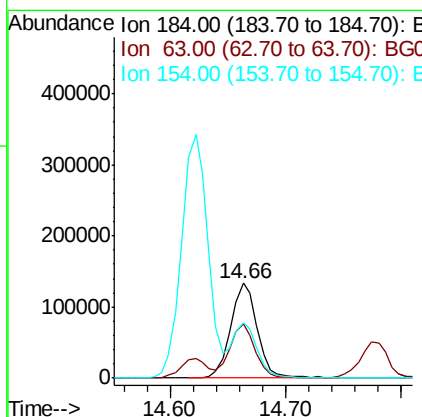
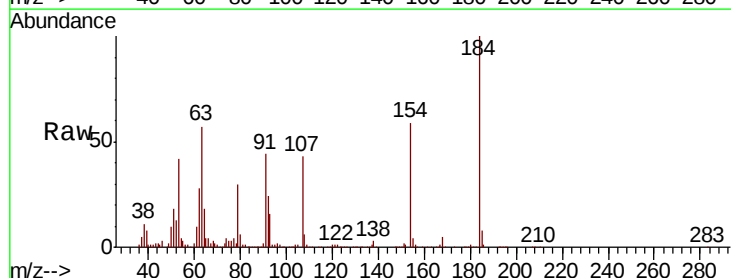
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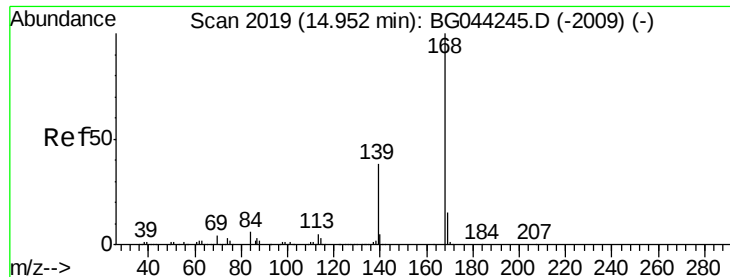
mohammad
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#54
2,4-Dinitrophenol
Concen: 92.319 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	44.1	66.1
154	59.1	45.4	68.0





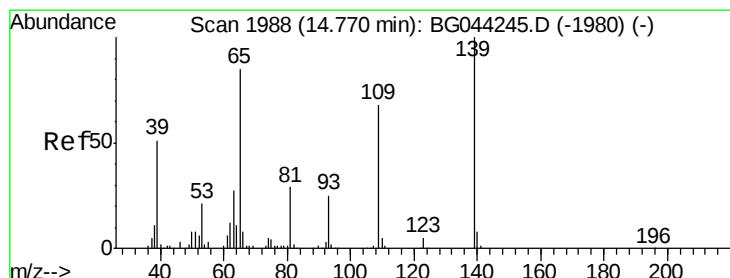
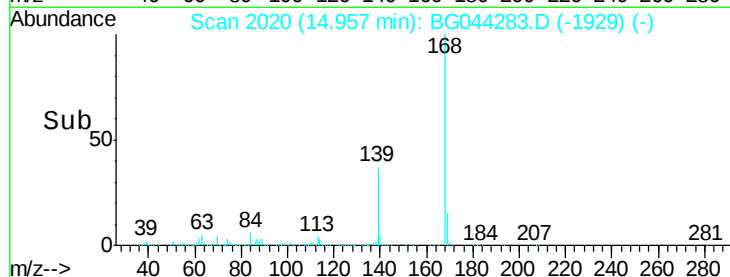
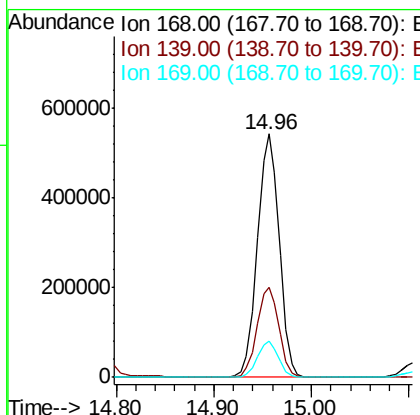
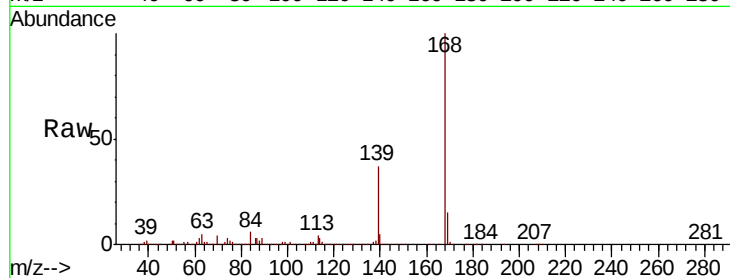
#55
Dibenzenofuran
Concen: 43.040 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.5	45.7
169	14.9	11.7	17.5

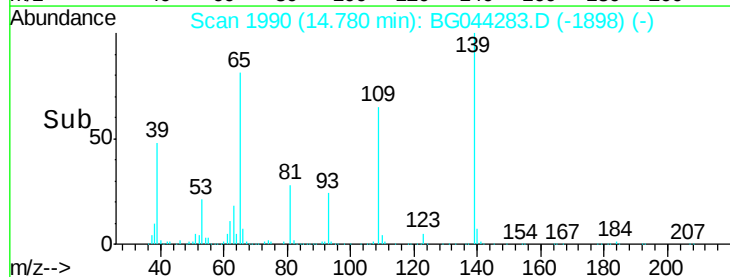
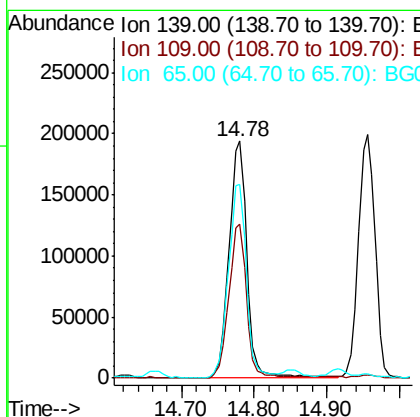
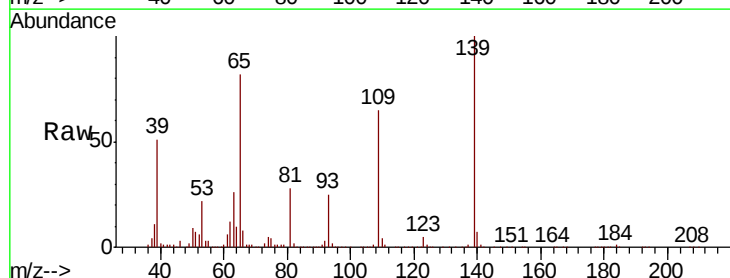
Manual Integrations
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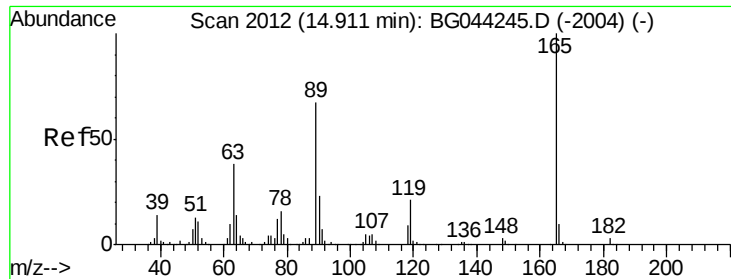
mohammad
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#56
4-Nitrophenol
Concen: 107.166 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	47.5	87.5
65	82.0	64.9	104.9





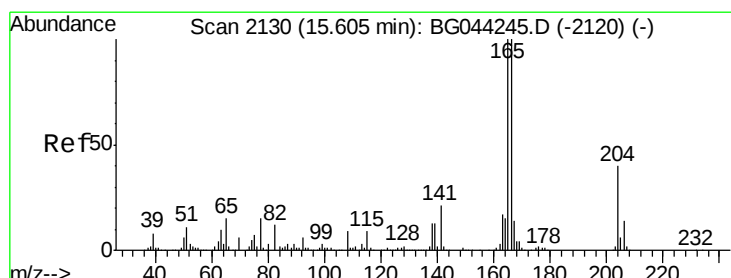
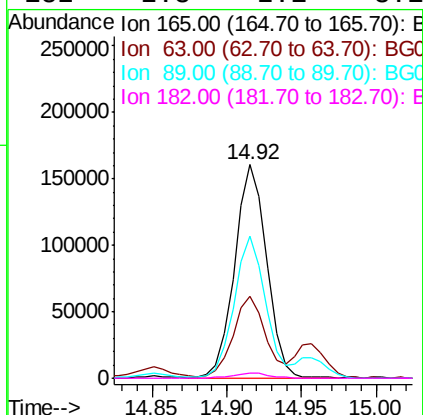
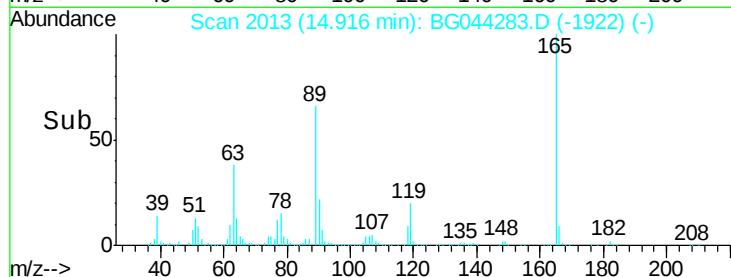
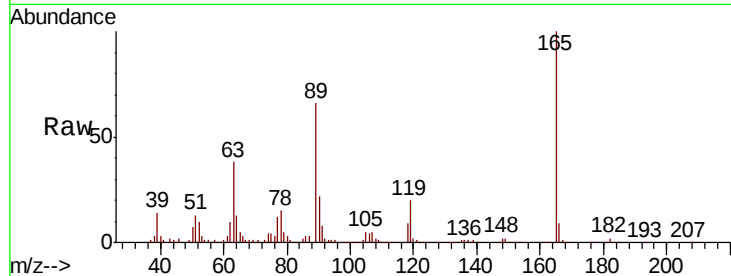
#57
2,4-Dinitrotoluene
Concen: 44.037 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	237398		
63	38.4	30.3	45.5	
89	66.3	53.4	80.2	
182	2.3	2.1	3.1	

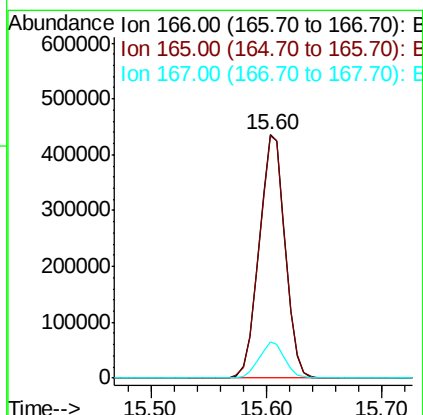
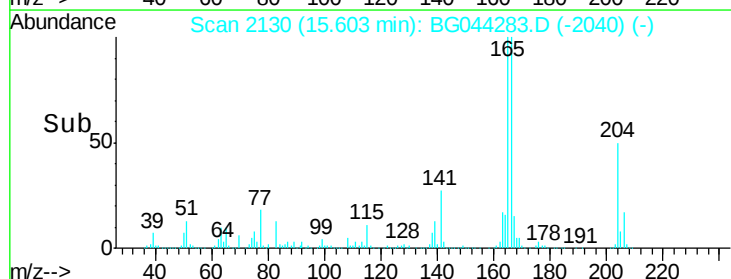
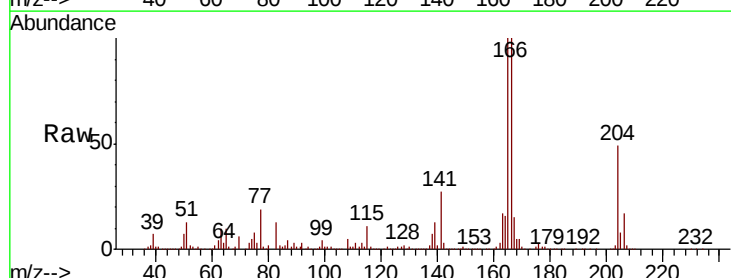
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#58
Fluorene
Concen: 43.612 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	681061		
165	99.6	79.9	119.9	
167	14.7	11.4	17.0	





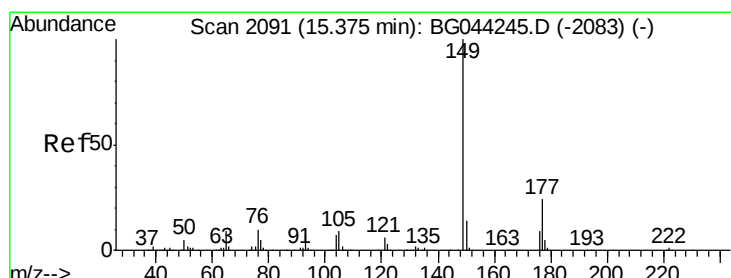
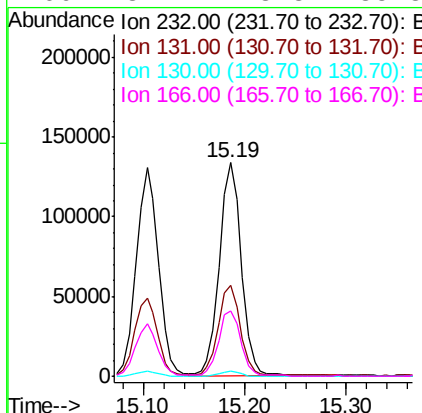
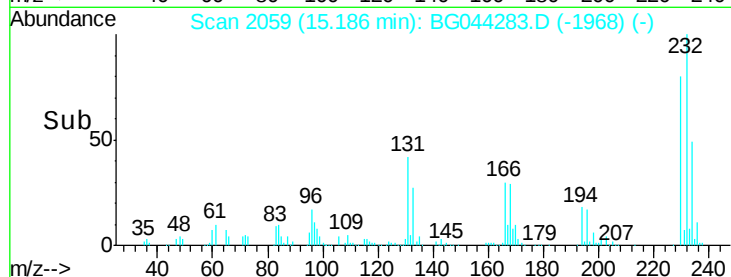
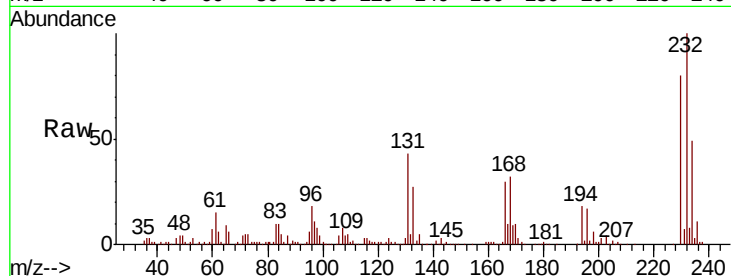
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.129 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.2	51.4
130	2.4	1.8	2.8
166	31.2	23.8	35.8

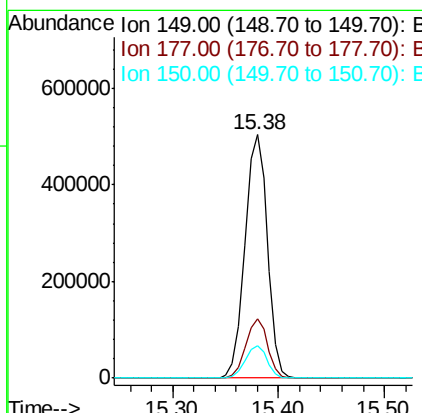
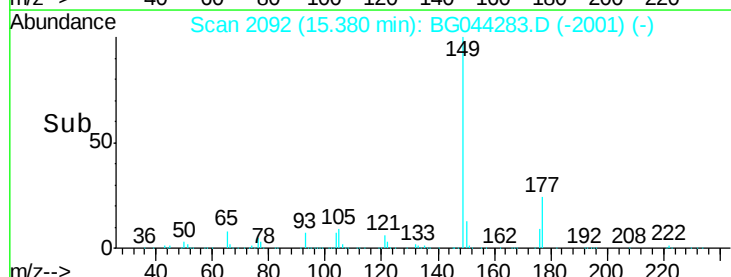
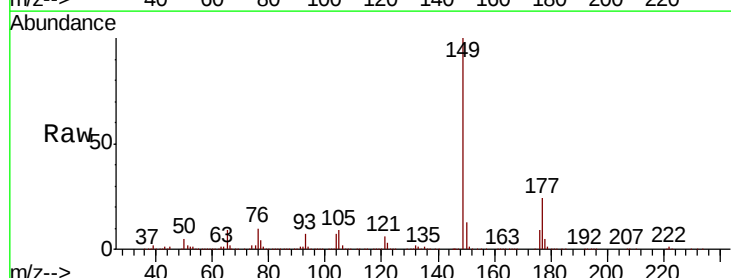
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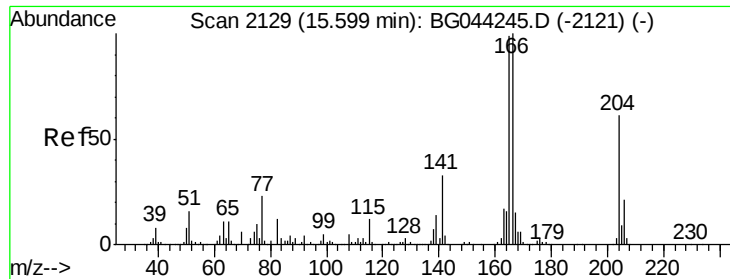
mohammad
2/6/2020 2:17:49 PM



#60
Diethylphthalate
Concen: 42.972 ng
RT: 15.38 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.1	10.9	16.3





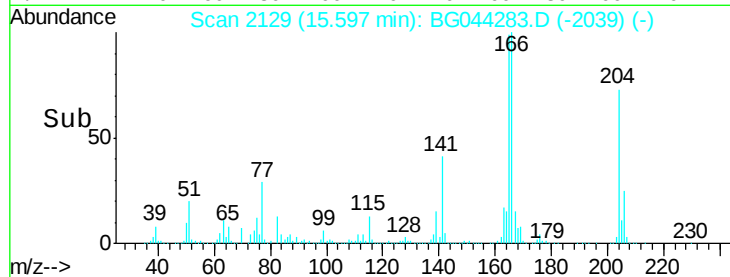
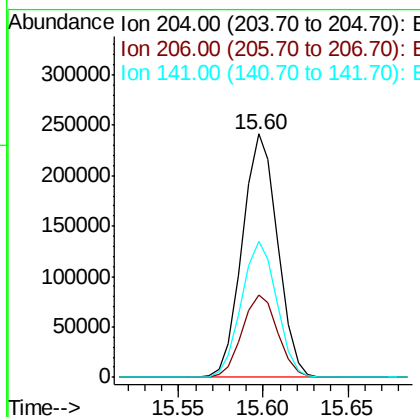
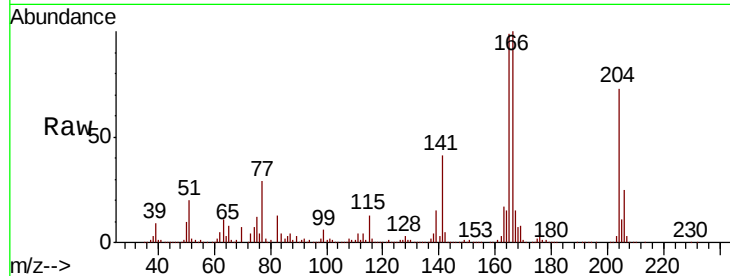
#61
 4-Chlorophenyl-phenylether
 Concen: 41.471 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.6	41.4
141	56.1	43.4	65.0

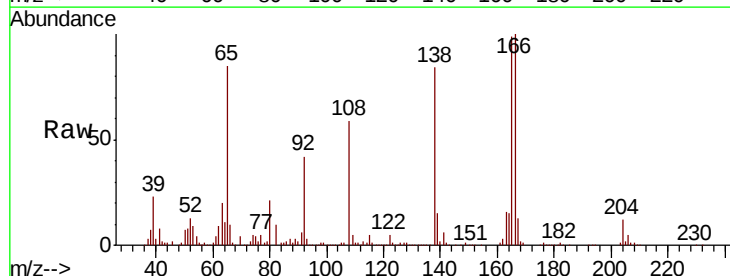
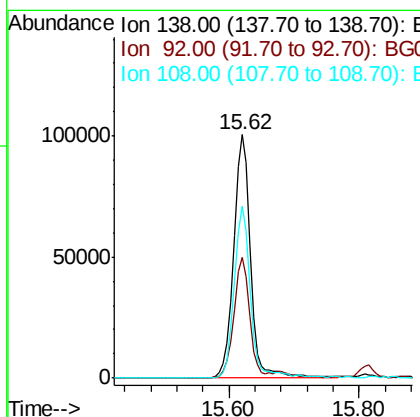
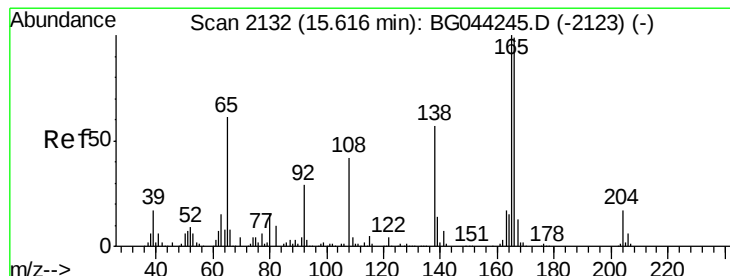
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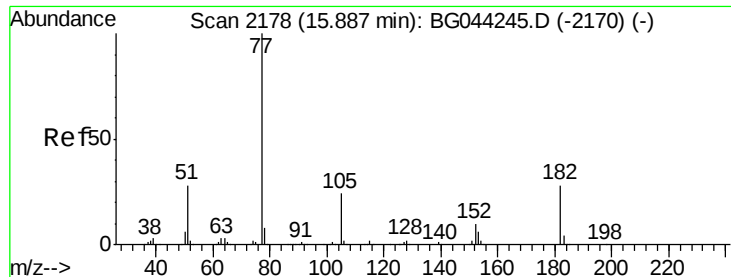
mohammad
 2/6/2020 2:17:49 PM



#62
 4-Nitroaniline
 Concen: 42.730 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	31.3	71.3
108	70.5	52.6	92.6





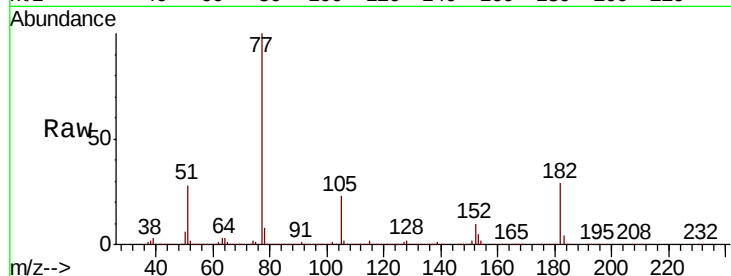
#63
Azobenzene
Concen: 44.008 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

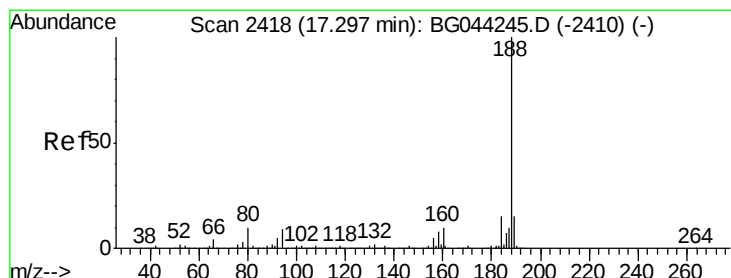
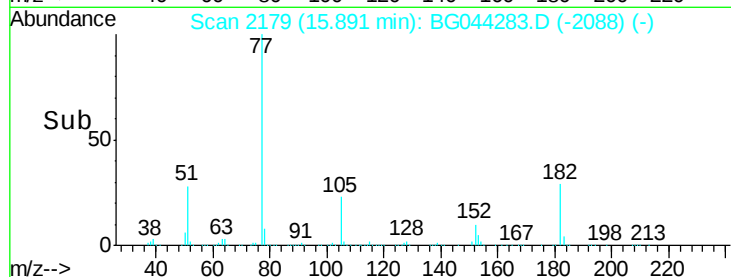
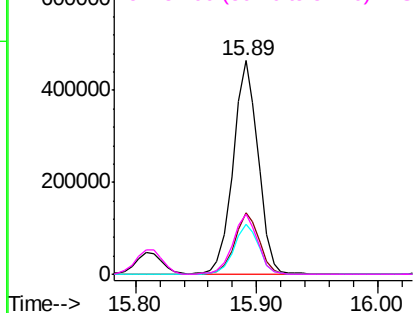
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.2	48.2
105	23.4	3.6	43.6
51	28.3	8.3	48.3

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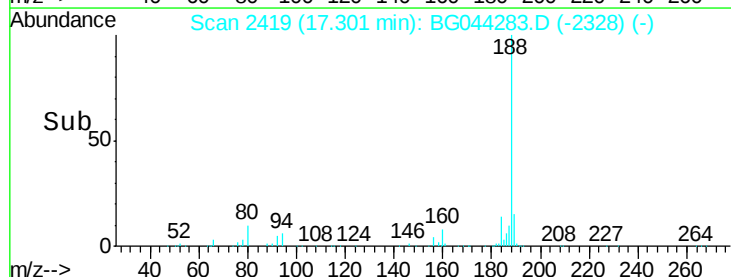
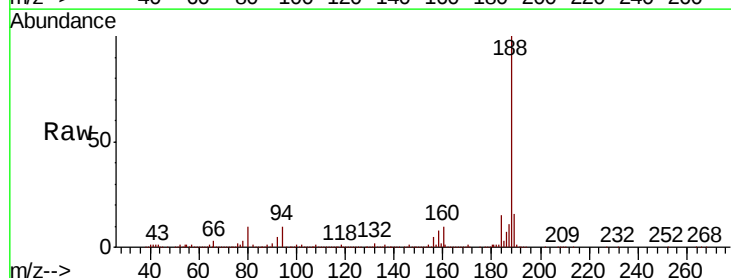
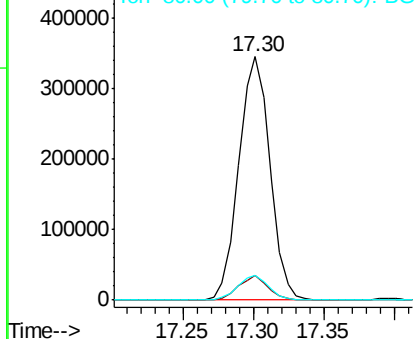
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

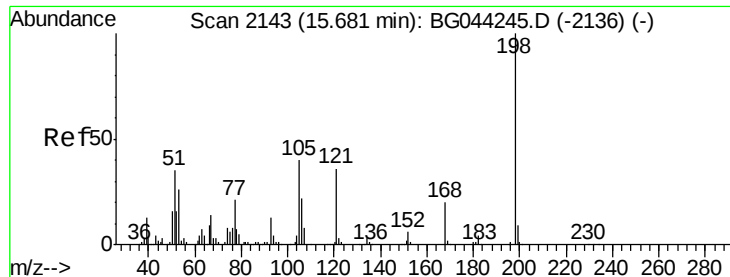


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.2	7.7	11.5

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





#65

4,6-Dinitro-2-methylphenol

Concen: 51.675 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

PB126459BS

Tot Ion:198 Resp: 151038

Ion Ratio Lower Upper

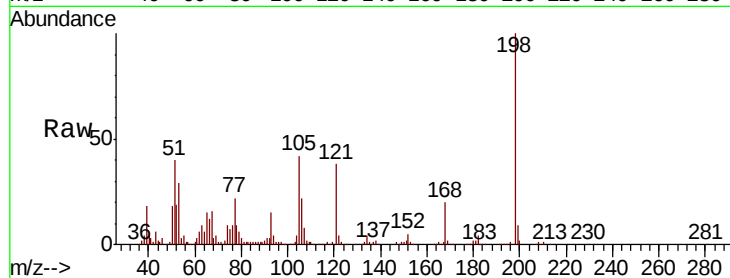
198 100

51 39.8 16.6 56.6

105 41.6 20.6 60.6

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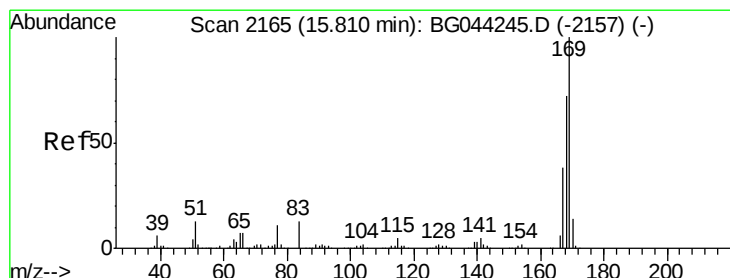
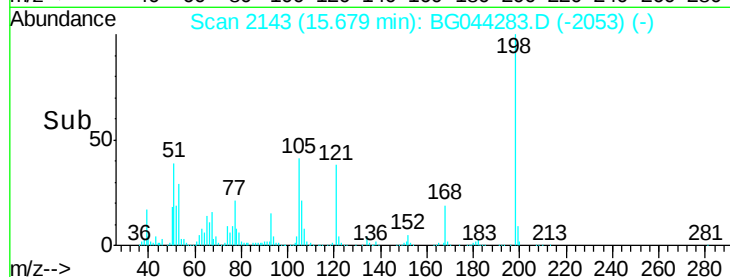
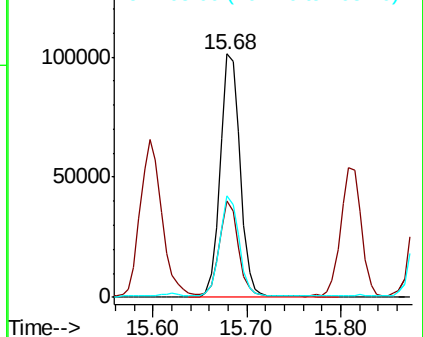
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.470 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

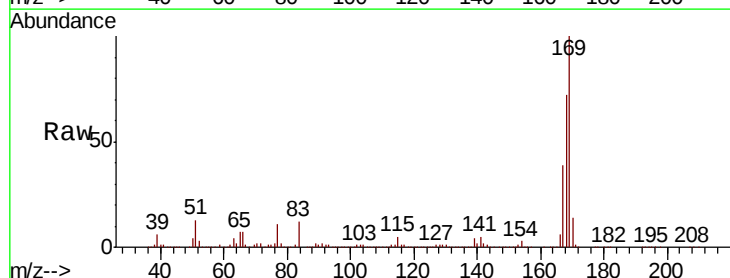
Tgt Ion:169 Resp: 645060

Ion Ratio Lower Upper

169 100

168 72.0 57.9 86.9

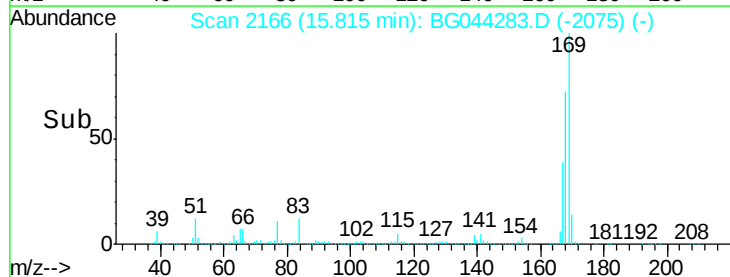
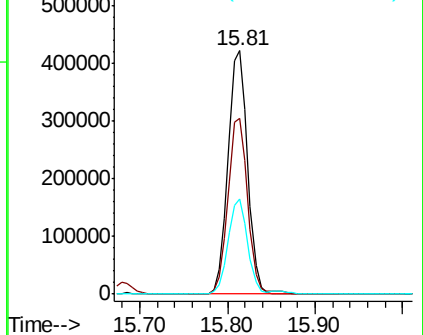
167 38.8 30.7 46.1

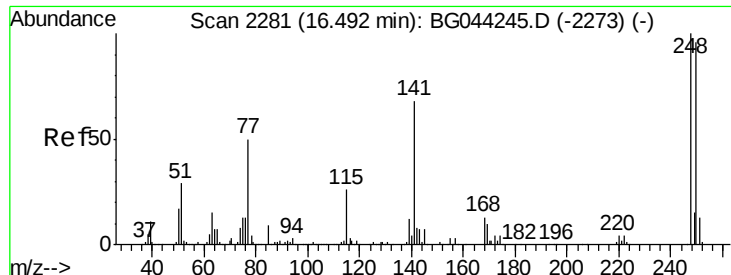


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





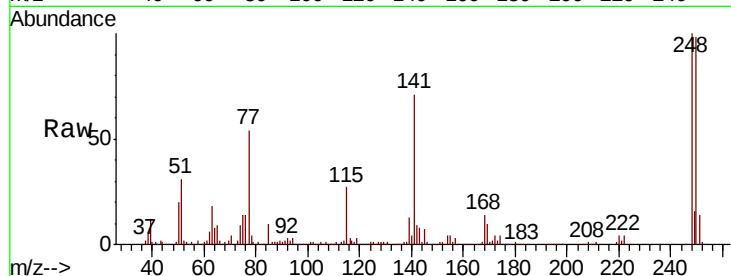
#67
4-Bromophenyl-phenylether
Concen: 39.760 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.6	114.8
141	70.7	54.7	82.1

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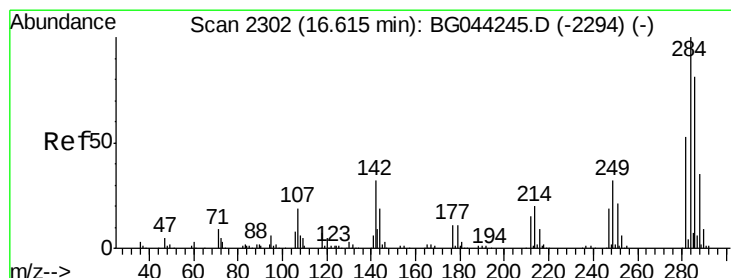
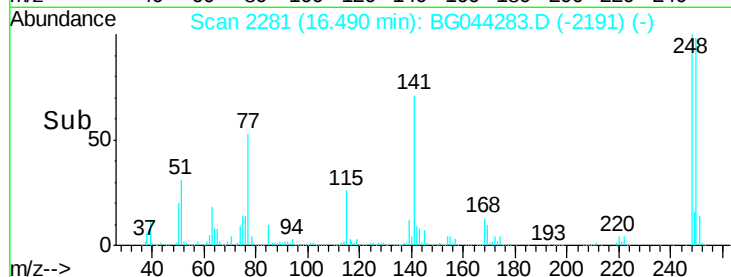
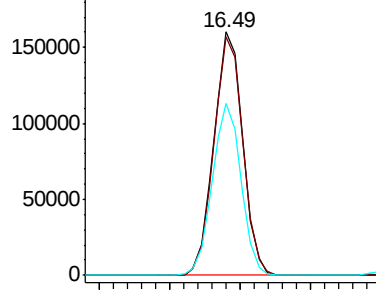


Abundance

Ion 248.00 (247.70 to 248.70): E

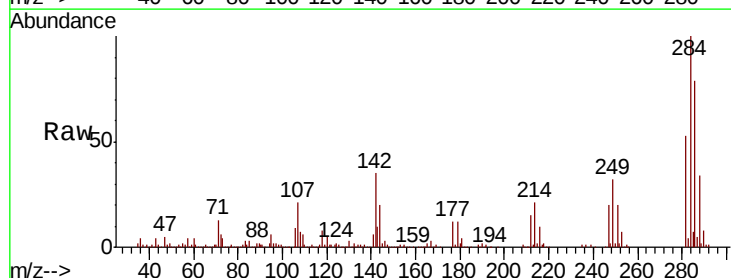
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.978 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	25.3	37.9
249	32.0	25.5	38.3

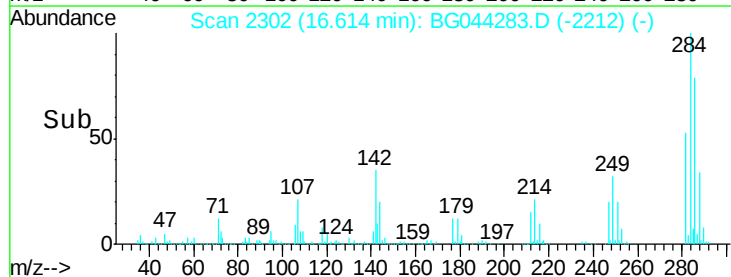
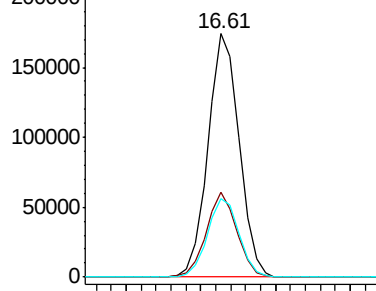


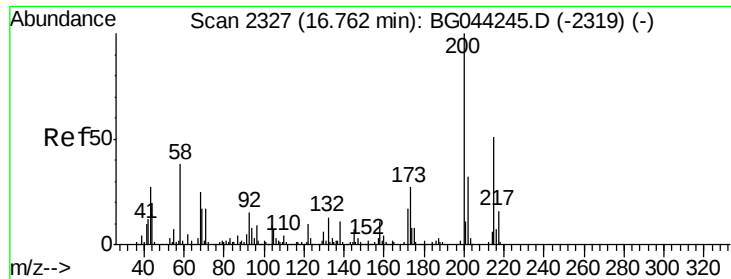
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





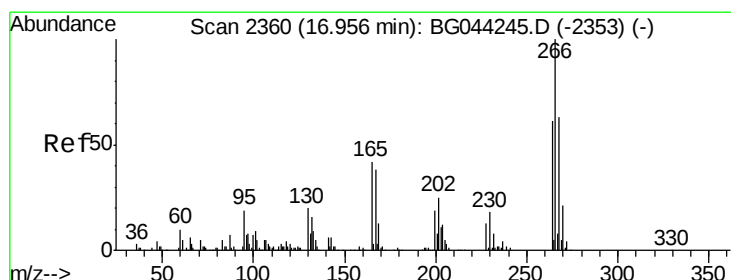
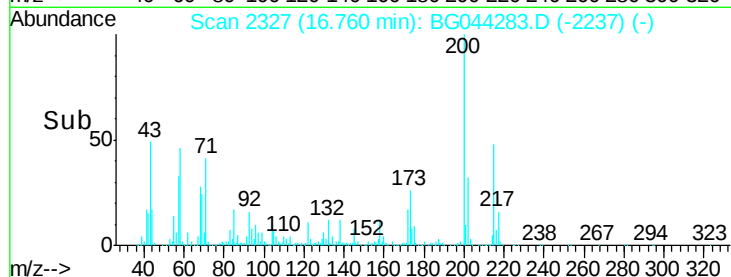
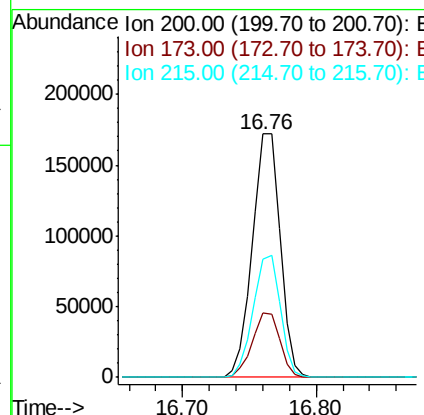
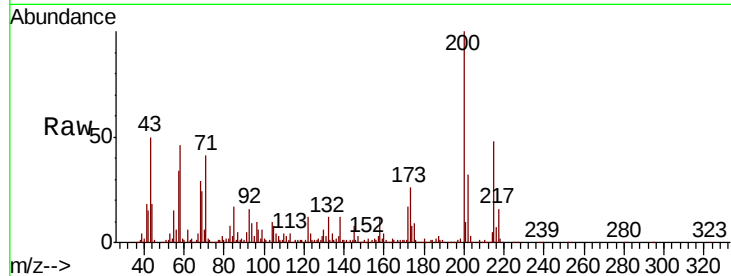
#69
 Atrazine
 Concen: 48.493 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	246643		
173	26.4	6.6	46.6	
215	48.5	31.0	71.0	

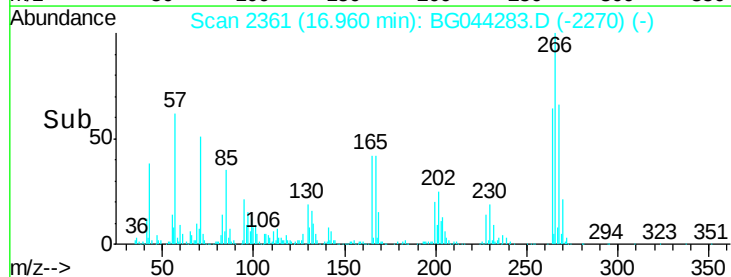
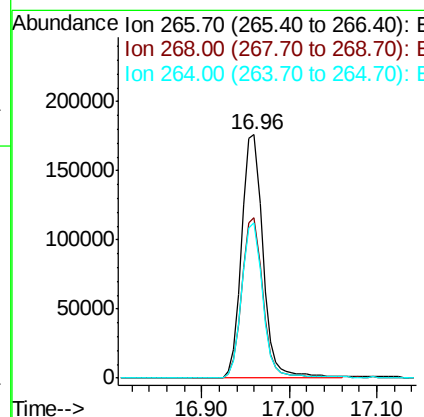
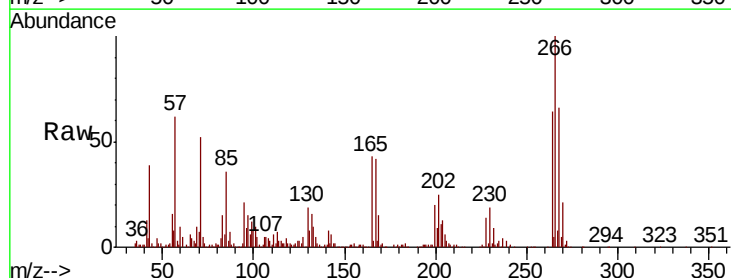
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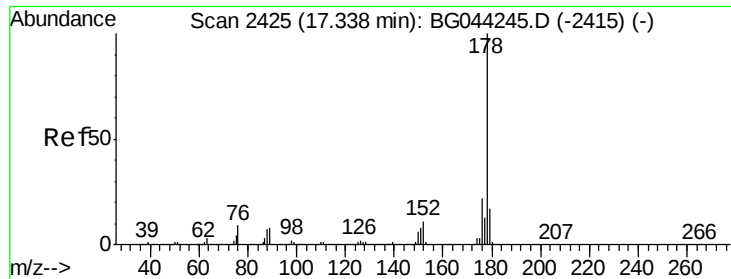
mohammad
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#70
 Pentachlorophenol
 Concen: 88.784 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. 0.01 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	291344		
268	65.9	50.6	75.8	
264	63.8	48.7	73.1	





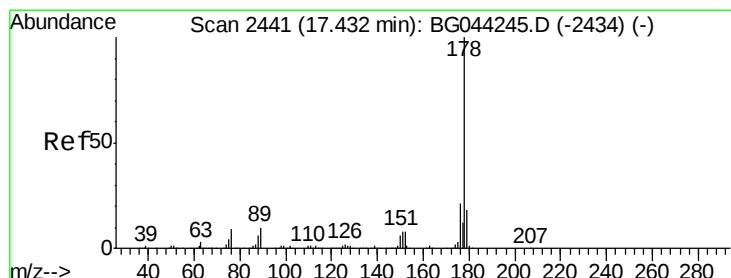
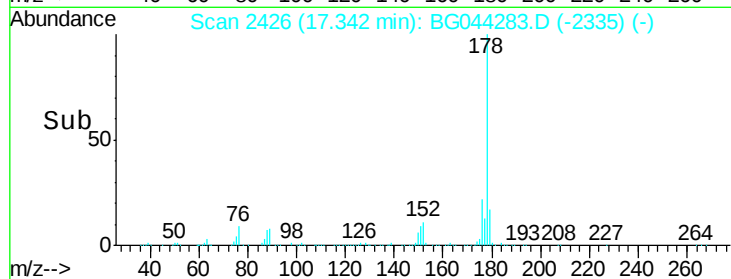
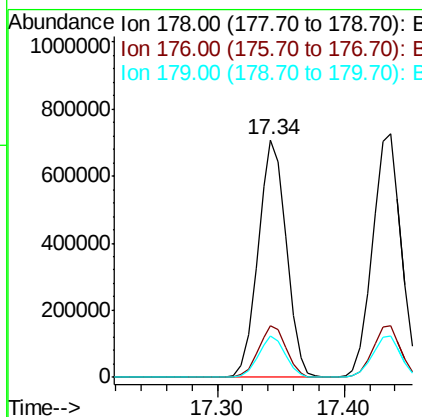
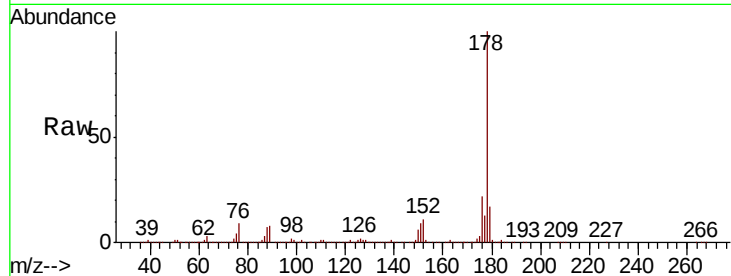
#71
Phenanthrene
Concen: 42.798 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion:178 Resp: 1097350
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.2 13.7 20.5

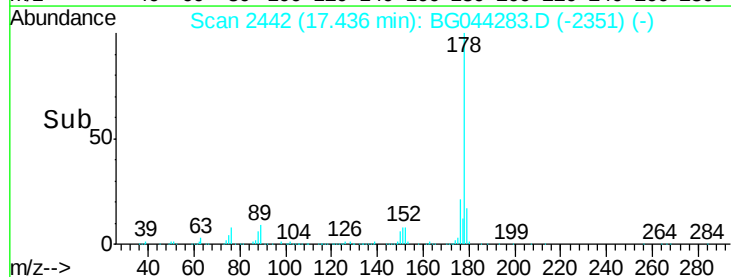
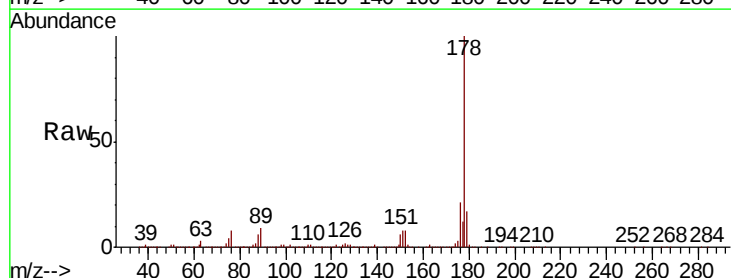
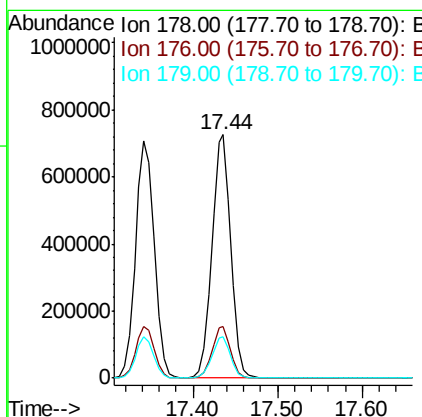
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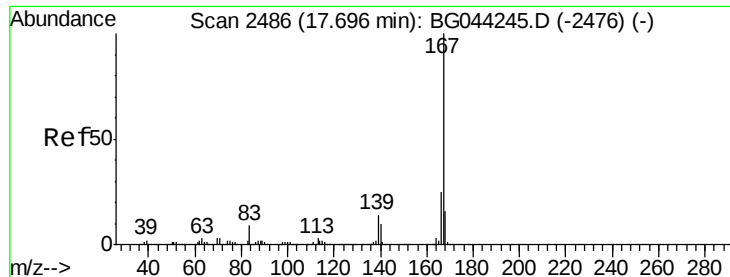
mohammad
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#72
Anthracene
Concen: 44.953 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:178 Resp: 1139556
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.4
179 17.1 14.4 21.6





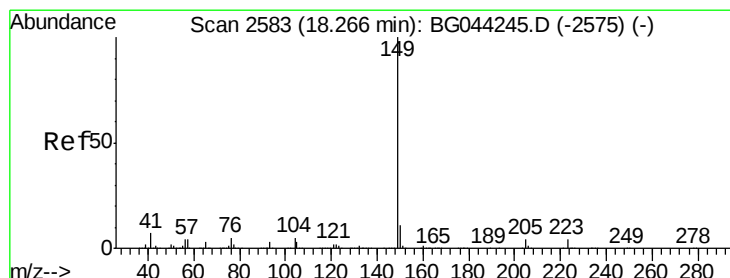
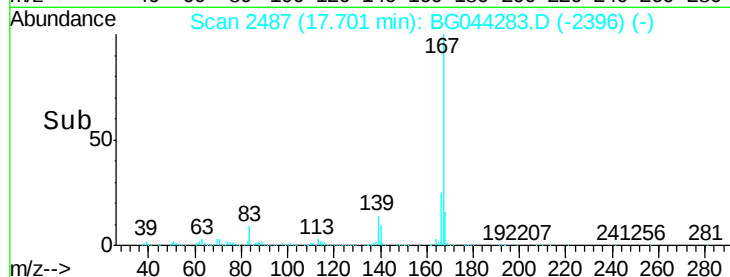
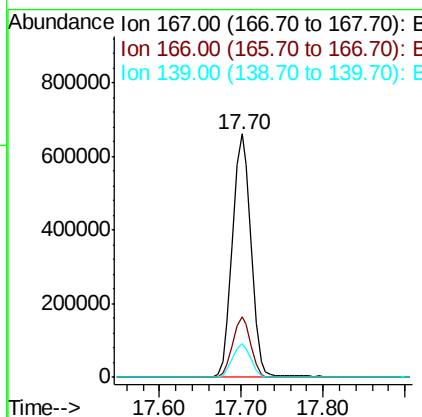
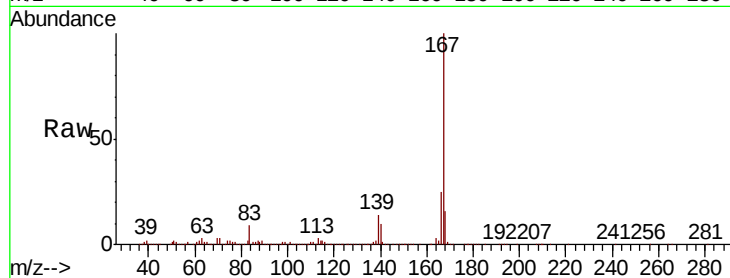
#73
 Carbazole
 Concen: 44.845 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.8	29.6
139	13.9	11.1	16.7

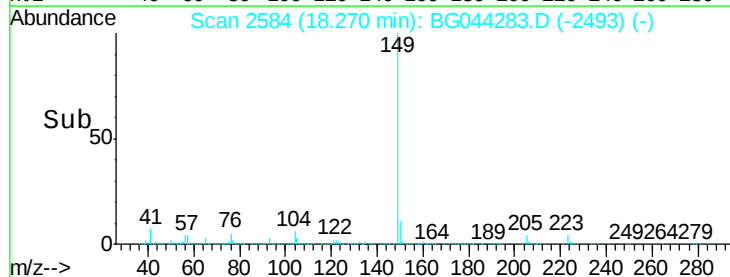
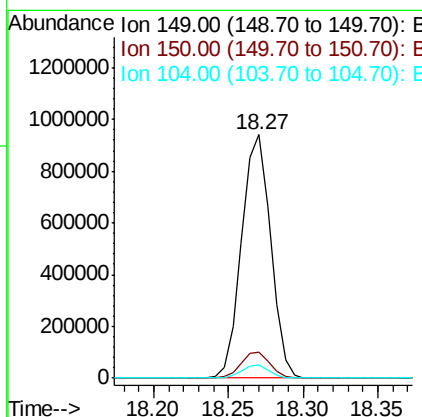
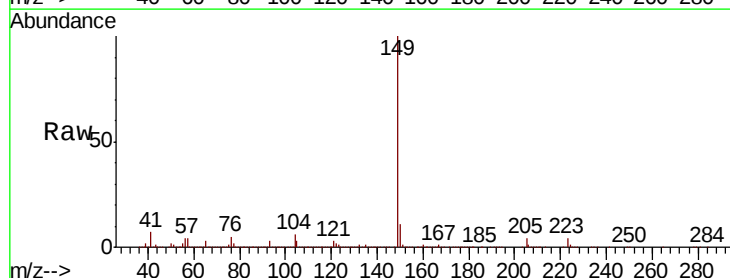
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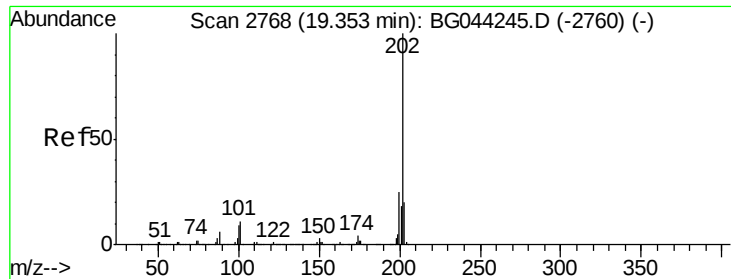
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.900 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.7	4.3	6.5





#75

Fluoranthene

Concen: 43.431 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

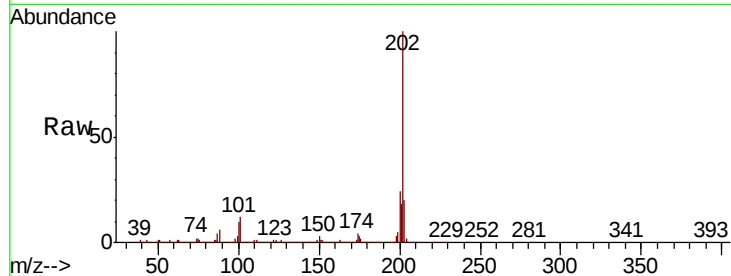
ClientSampleId :

PB126459BS

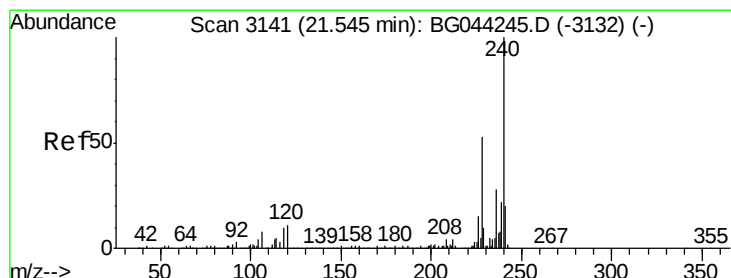
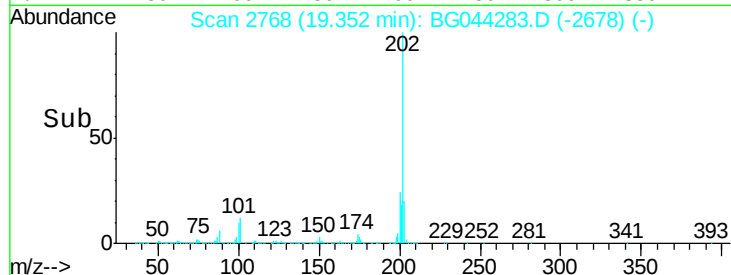
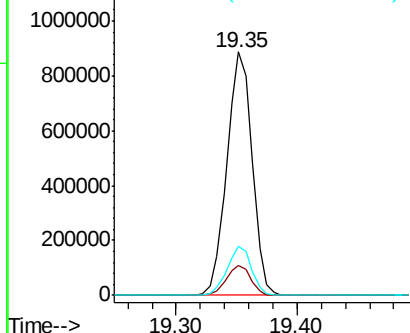
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.3
203	20.2	0.0	39.9

Manual Integrations
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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

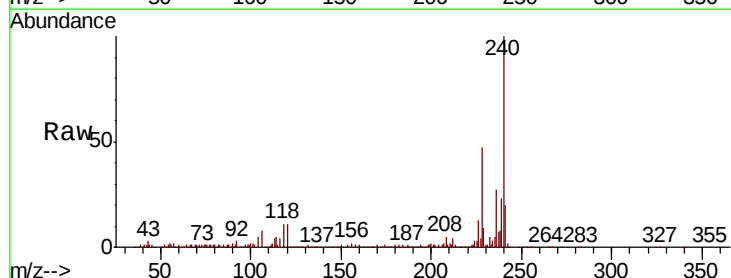
RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

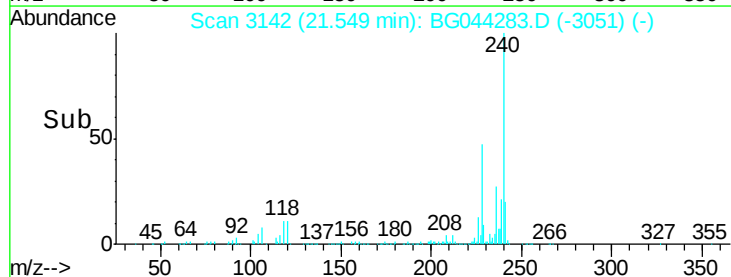
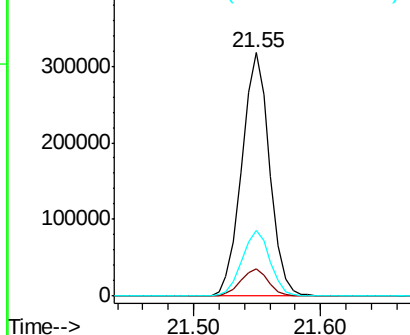
Lab File: BG044283.D

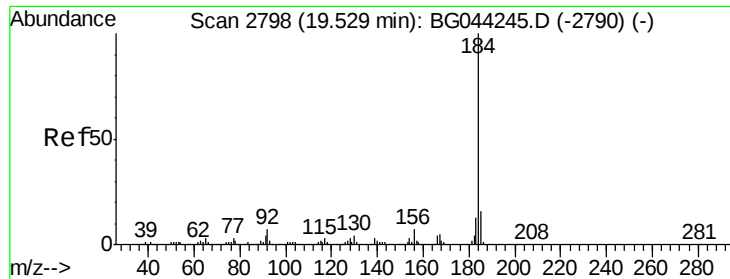
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	27.0	22.1	33.1



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





#77

Benzidine

Concen: 31.676 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

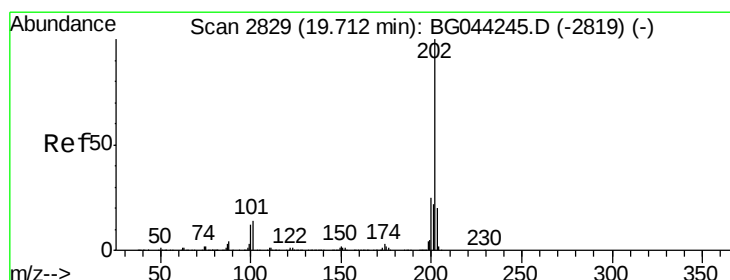
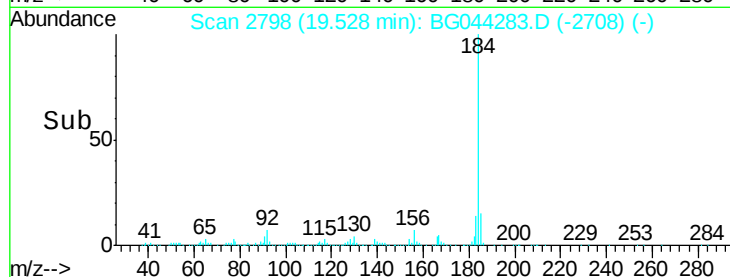
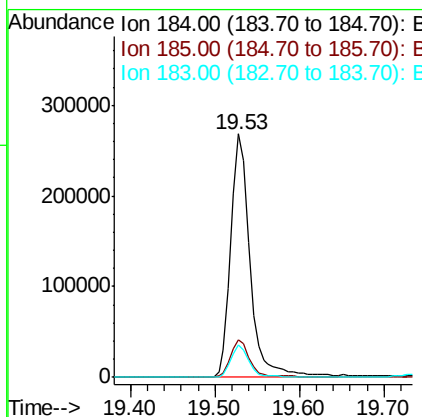
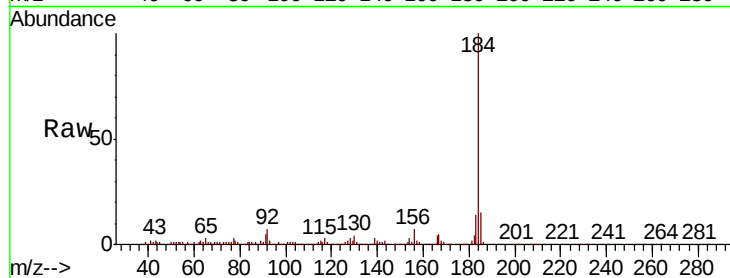
ClientSampleId :

PB126459BS

Tot Ion:	184	Resp:	424220
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.9	19.3
183	13.5	10.8	16.2

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#78

Pyrene

Concen: 41.837 ng

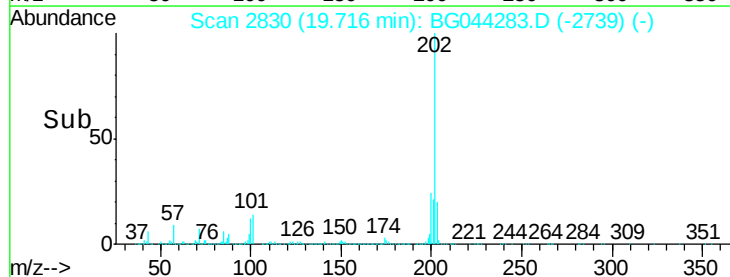
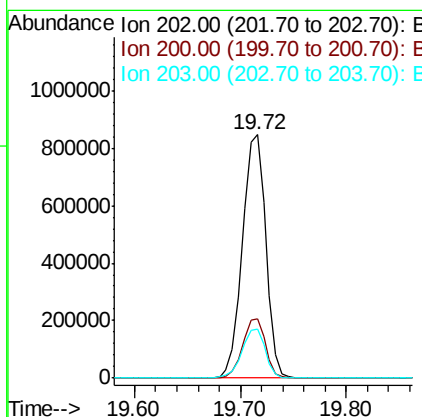
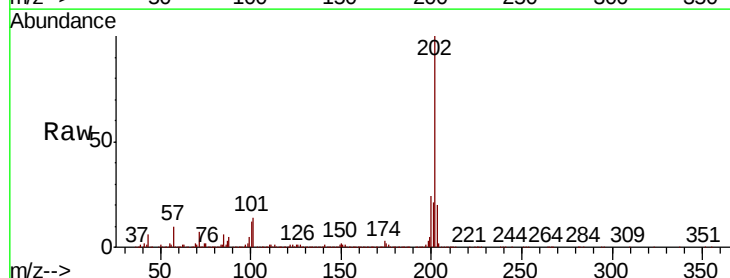
RT: 19.72 min Scan# 2830

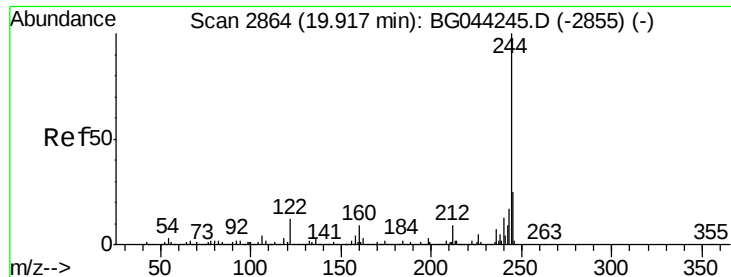
Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	202	Resp:	1297284
Ion Ratio	Lower	Upper	
202	100		
200	24.4	20.0	30.0
203	20.0	16.2	24.2





#79

Terphenyl-d14

Concen: 65.544 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampleId :

PB126459BS

Tot Ion:244 Resp: 1538601

Ion Ratio Lower Upper

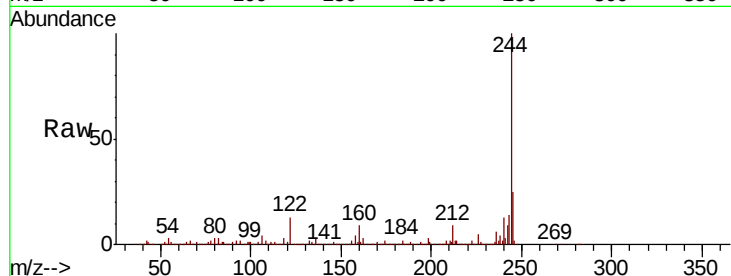
244 100

212 9.1 7.4 11.2

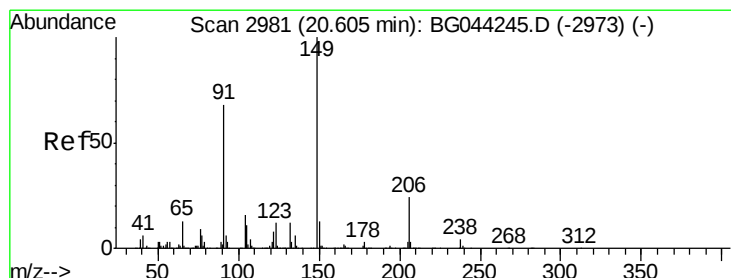
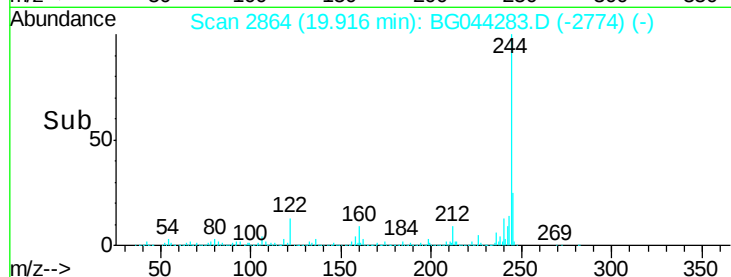
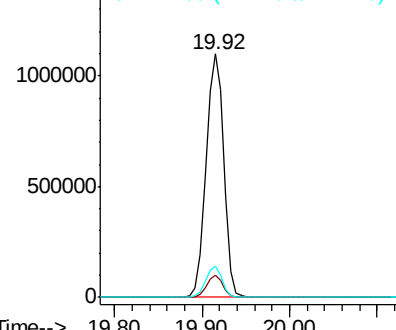
122 12.8 9.8 14.6

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.028 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

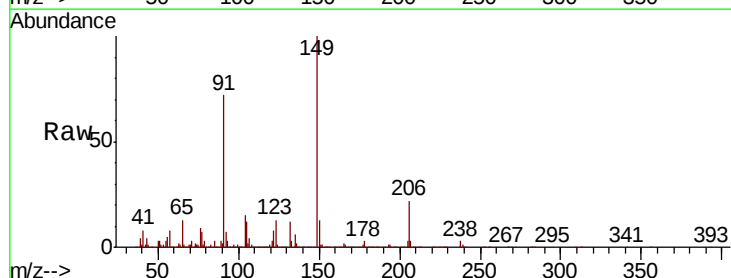
Tgt Ion:149 Resp: 608008

Ion Ratio Lower Upper

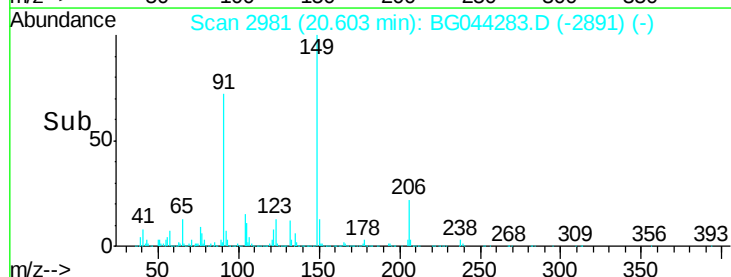
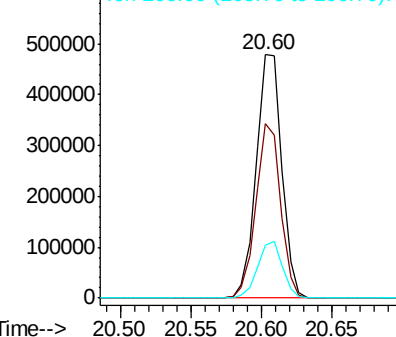
149 100

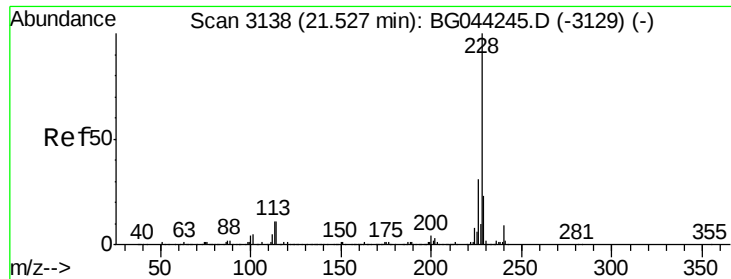
91 71.8 54.5 81.7

206 21.9 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
600000 Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





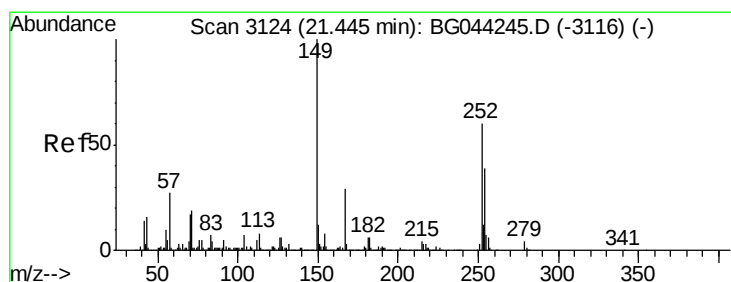
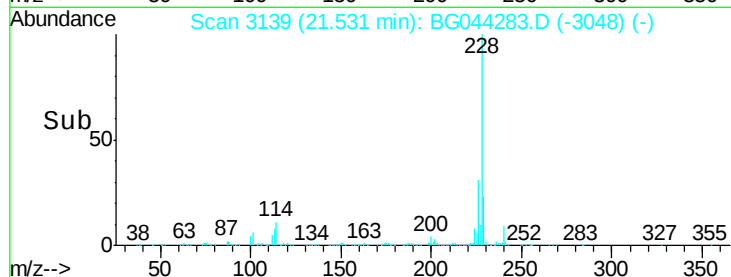
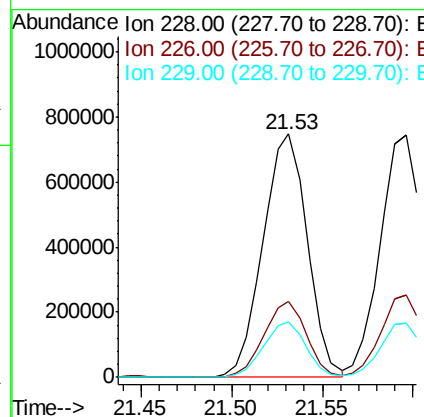
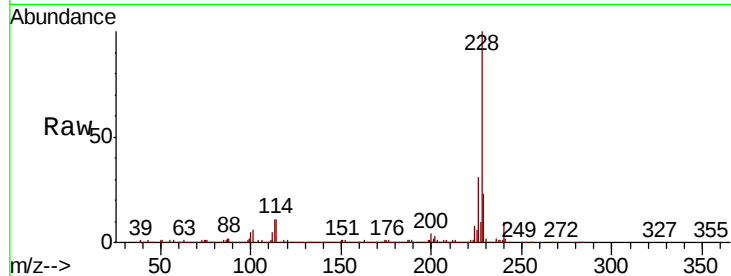
#81
Benzo(a)anthracene
Concen: 42.773 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion:228 Resp: 1272807
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 22.7 18.2 27.4

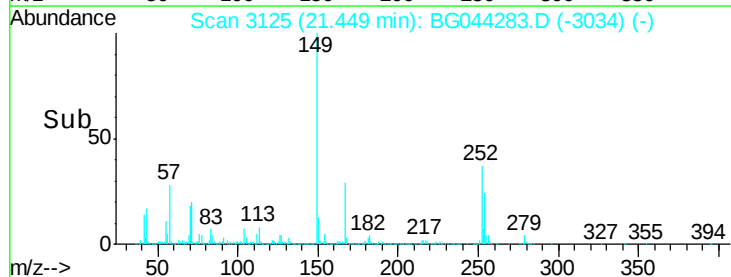
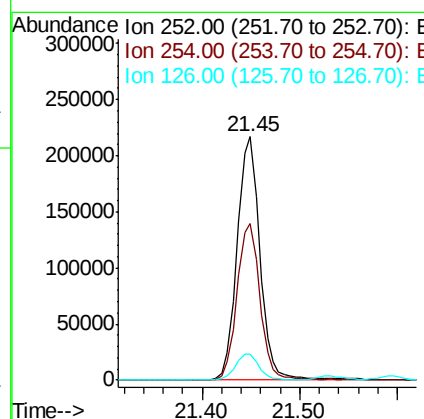
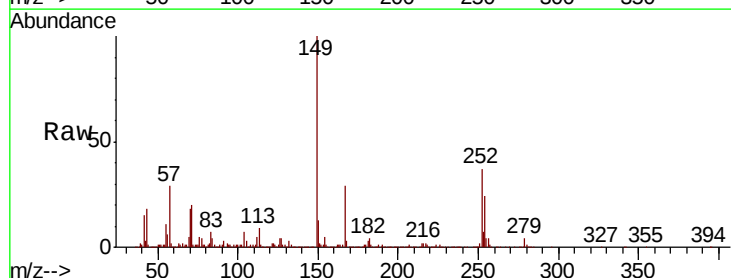
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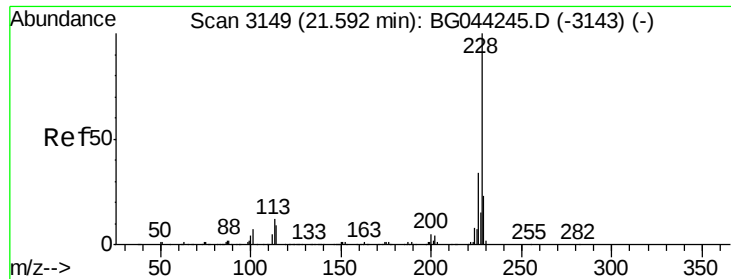
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#82
3,3'-Dichlorobenzidine
Concen: 30.461 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion:252 Resp: 351802
Ion Ratio Lower Upper
252 100
254 64.2 52.6 78.8
126 10.8 8.2 12.4





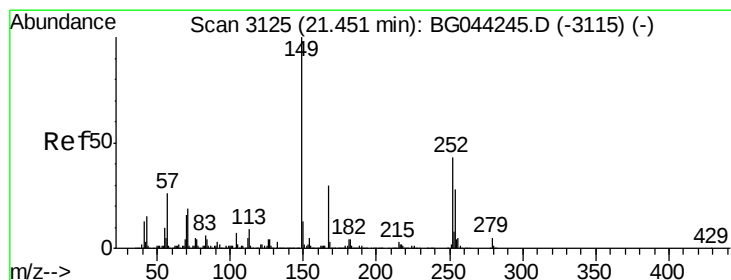
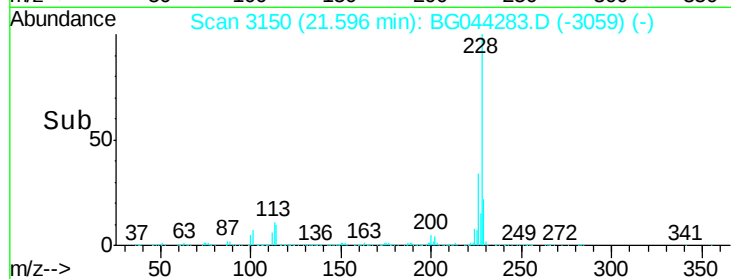
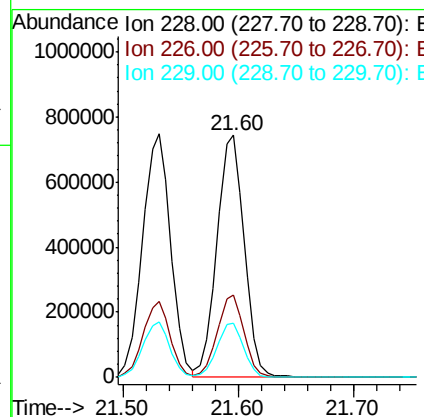
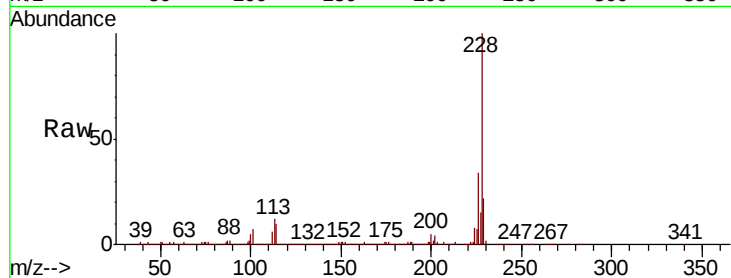
#83
 Chrvsene
 Concen: 42.272 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126459BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.1	40.7
229	22.2	17.9	26.9

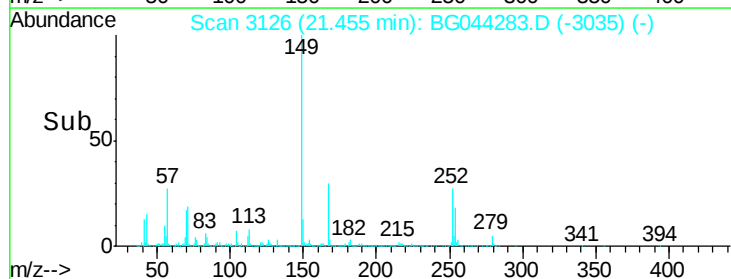
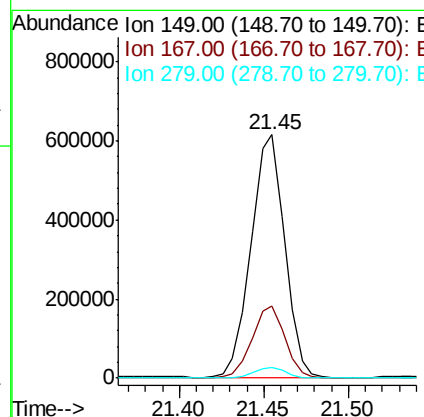
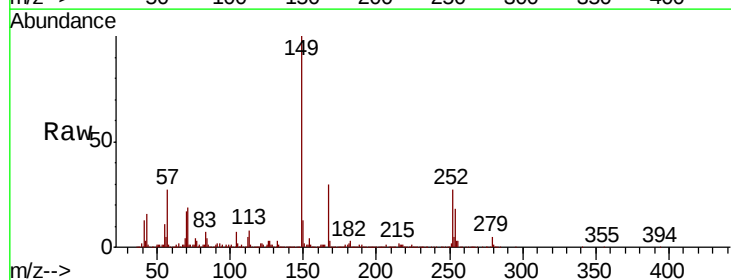
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.857 ng
 RT: 21.45 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG044283.D
 Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.0	36.0
279	4.6	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 44.512 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

ClientSampled :

PB126459BS

Tot Ion:149 Resp: 1497938

Ion Ratio Lower Upper

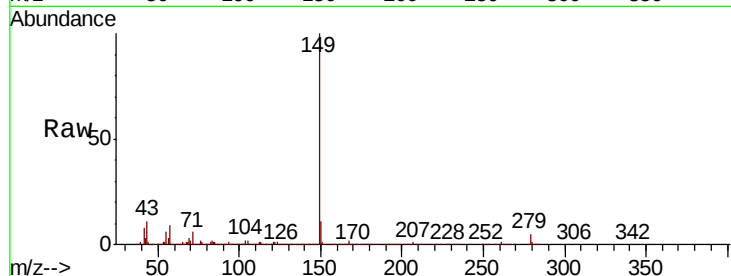
149 100

167 1.7 1.3 1.9

43 9.6 7.4 11.0

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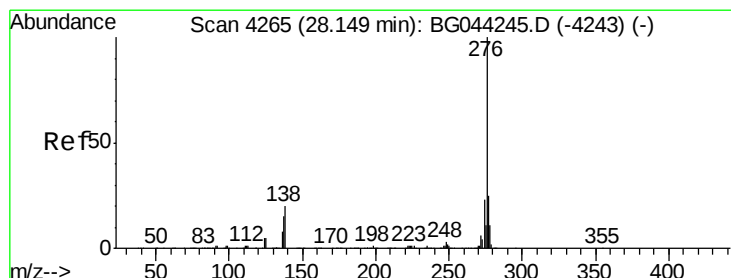
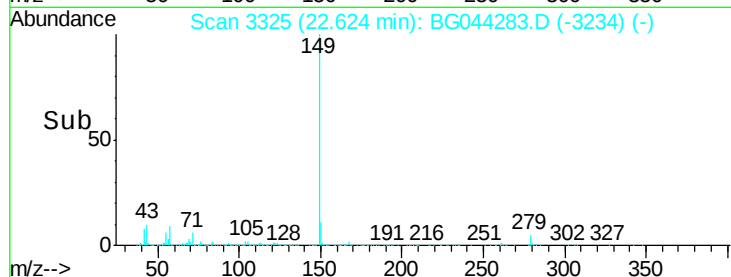
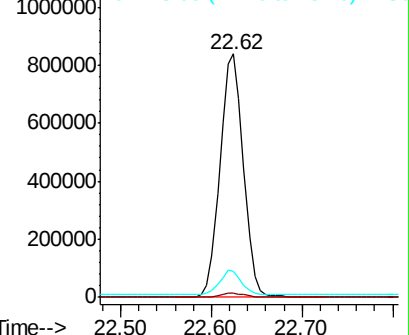
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.203 ng

RT: 28.16 min Scan# 4267

Delta R.T. 0.01 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

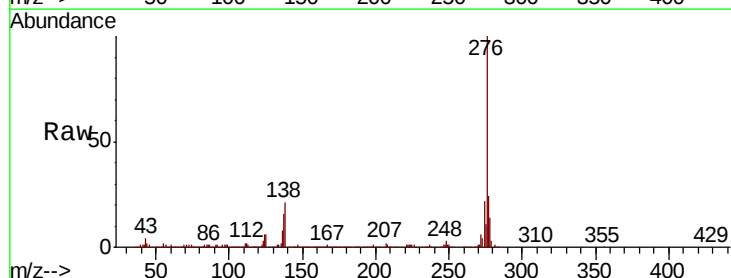
Tgt Ion:276 Resp: 1583728

Ion Ratio Lower Upper

276 100

138 25.0 19.4 29.0

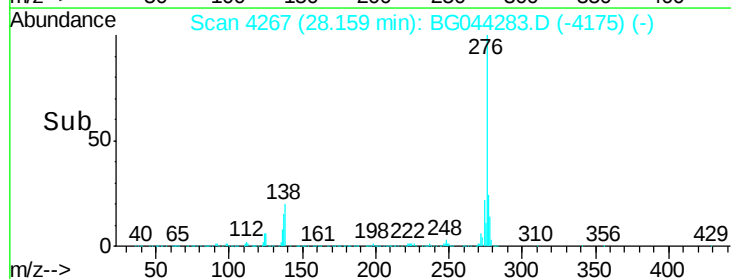
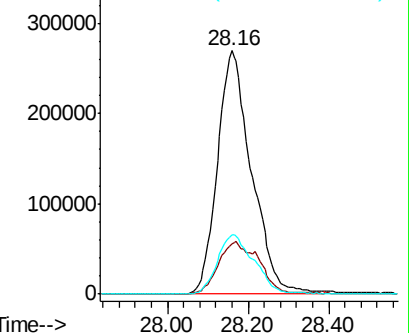
277 26.3 21.0 31.6

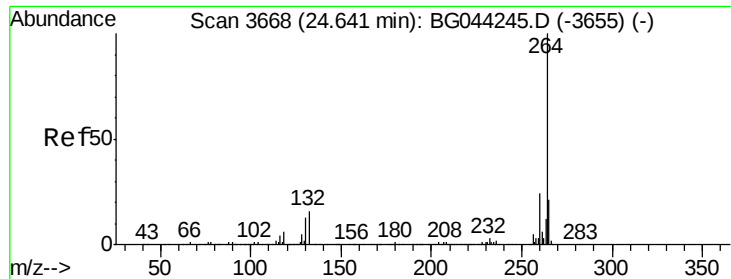


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Instrument :

BNA_G

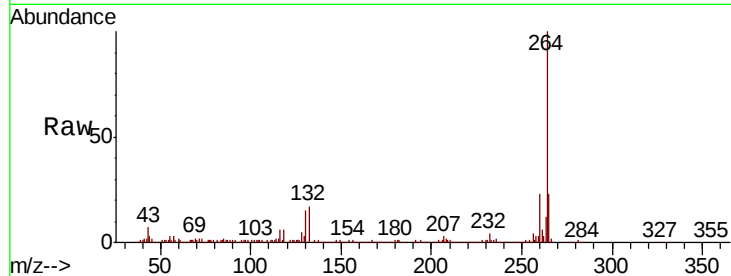
ClientSampleId :

PB126459BS

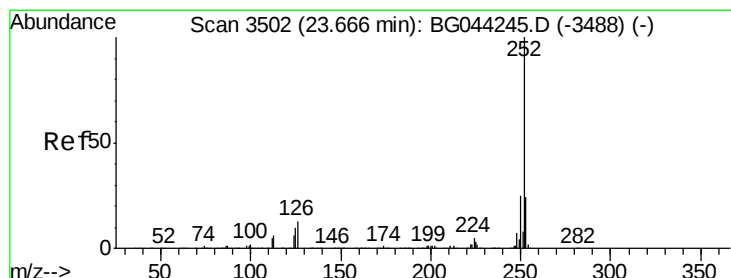
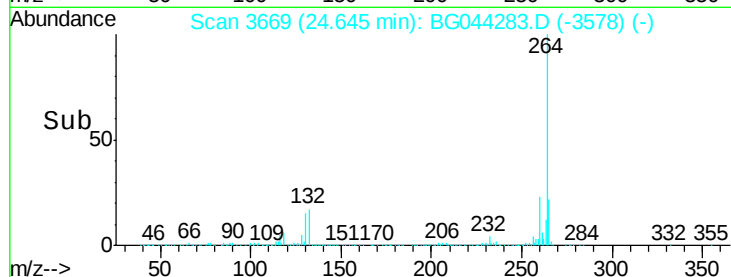
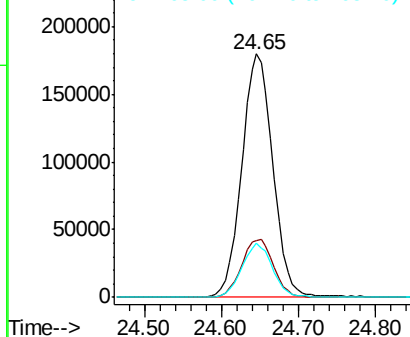
Tot Ion:	264	Resp:	506670
Ion Ratio		Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.5	16.7	25.1

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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: 45.643 ng

RT: 23.67 min Scan# 3503

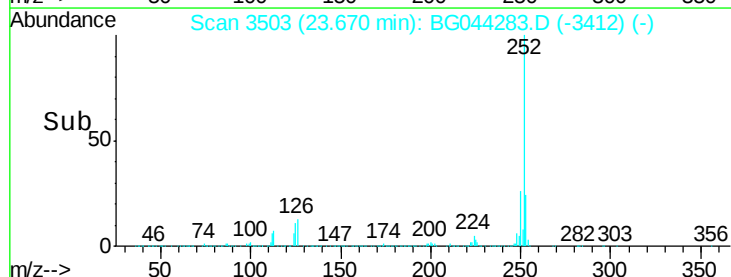
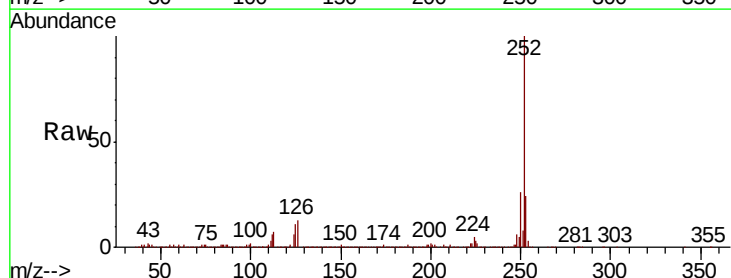
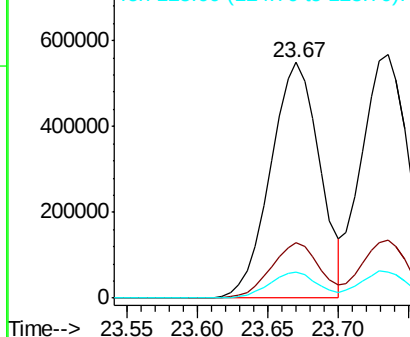
Delta R.T. 0.00 min

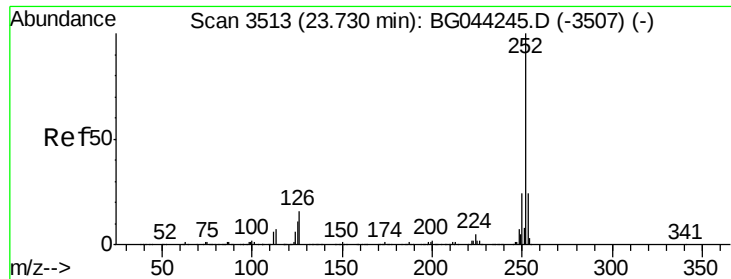
Lab File: BG044283.D

Acq: 4 Feb 2020 16:37

Tgt Ion:	252	Resp:	1332610
Ion Ratio		Lower	Upper
252	100		
253	23.6	19.2	28.8
125	11.0	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





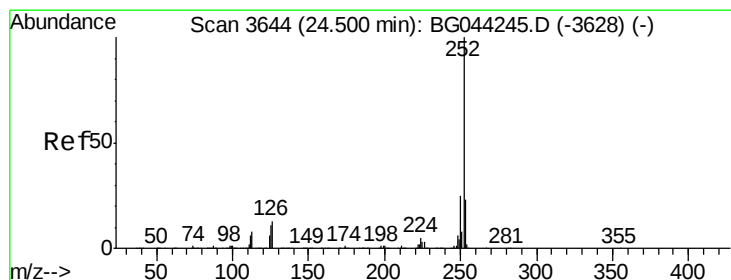
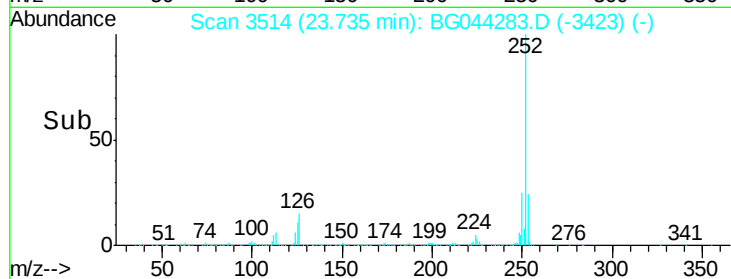
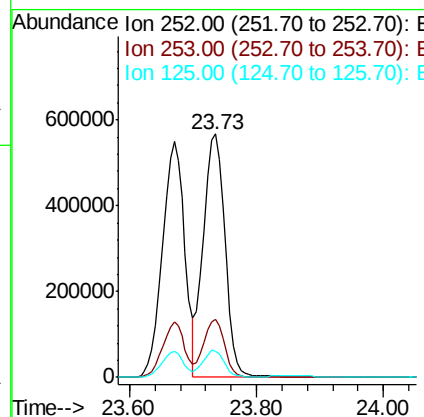
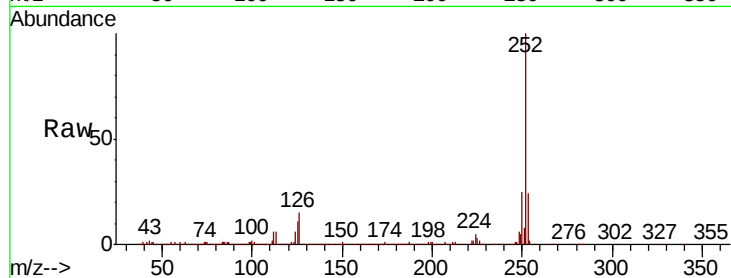
#89
Benzo(k)fluoranthene
Concen: 47.148 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	10.6	8.6	12.8

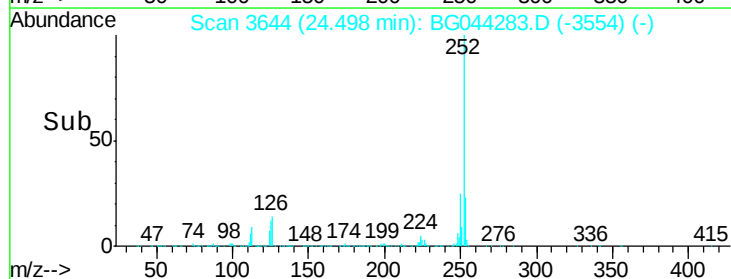
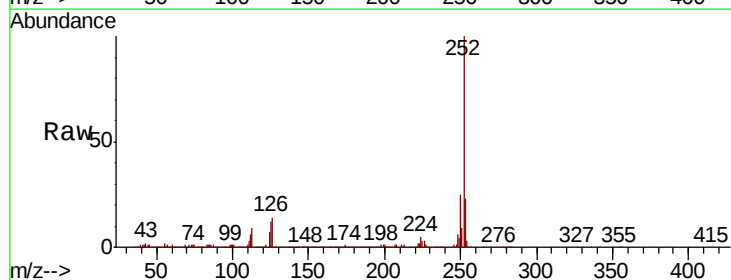
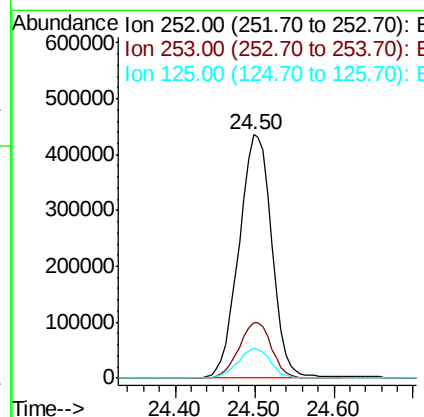
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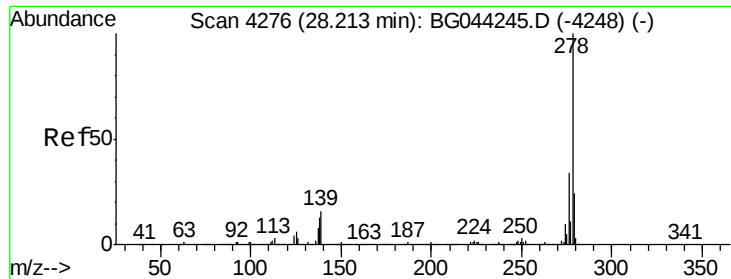
mohammad
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#90
Benzo(a)pyrene
Concen: 45.247 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.1	8.6	13.0





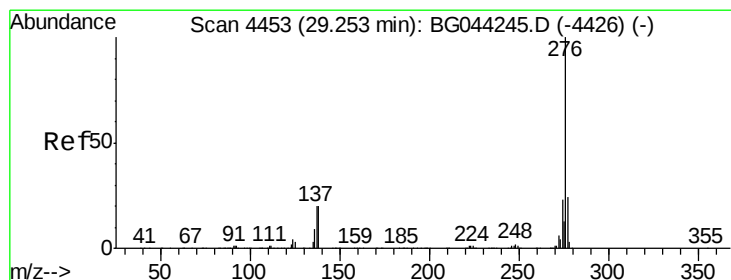
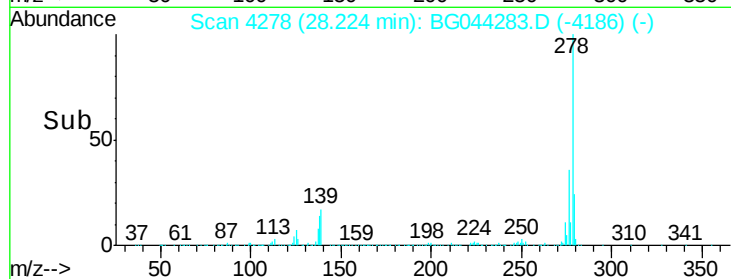
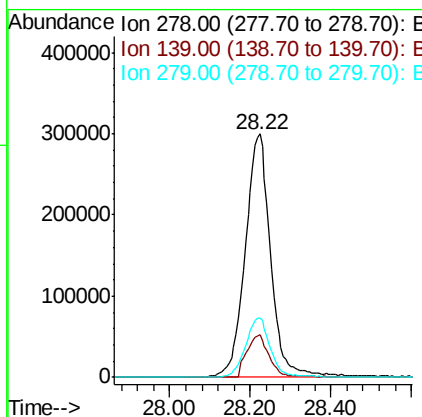
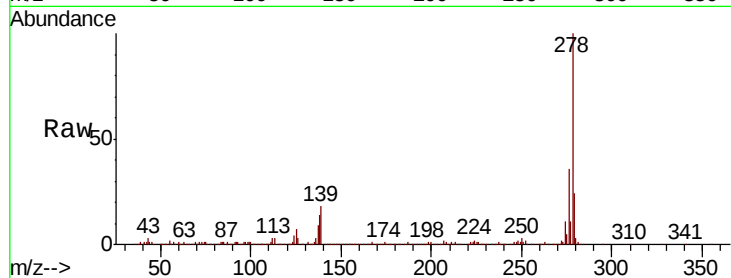
#91
Dibenzo(a,h)anthracene
Concen: 48.191 ng
RT: 28.22 min Scan# 4278
Delta R.T. 0.01 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Instrument :
BNA_G
ClientSampleId :
PB126459BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.7	19.1
279	24.4	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 48.951 ng
RT: 29.26 min Scan# 4454
Delta R.T. 0.00 min
Lab File: BG044283.D
Acq: 4 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	22.8	16.2	24.2

