

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044487.D
 Acq On : 19 Feb 2020 12:49
 Operator : CG/JU
 Sample : PB126850BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Manual Integrations
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 2/20/2020 3:11:33 PM

Quant Time: Feb 20 07:31:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	59016	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	239349	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	155940	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	351230	20.00	ng	0.00
76) Chrysene-d12	21.52	240	327037	20.00	ng	-0.02
87) Perylene-d12	24.61	264	369515	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	375749	112.37	ng	0.00
7) Phenol-d6	7.07	99	502987	112.01	ng	0.00
23) Nitrobenzene-d5	9.05	82	260040	61.34	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	197332	107.79	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	619721	66.55	ng	0.00
79) Terphenyl-d14	19.89	244	1005958	63.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	53821	35.823	ng	99
3) Pyridine	3.74	79	125946	31.464	ng	95
4) n-Nitrosodimethylamine	3.65	42	59004	35.275	ng	99
6) Aniline	7.21	93	149618	26.843	ng	98
8) 2-Chlorophenol	7.46	128	145879	39.694	ng	97
9) Benzaldehyde	7.02	77	67877	26.541	ng	98
10) Phenol	7.10	94	181280	40.791	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	135585	35.686	ng	98
12) 1,3-Dichlorobenzene	7.78	146	156422	35.648	ng	97
13) 1,4-Dichlorobenzene	7.93	146	159840	36.779	ng	99
14) 1,2-Dichlorobenzene	8.25	146	149942	36.501	ng	97
15) Benzyl Alcohol	8.13	79	117590	36.988	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.42	45	174538	33.941	ng	99
17) 2-Methylphenol	8.34	107	125558	39.599	ng	96
18) Hexachloroethane	8.98	117	57029	34.969	ng	95
19) n-Nitroso-di-n-propylamine	8.69	70	104510	34.922	ng	97
20) 3+4-Methylphenols	8.67	107	171328	39.207	ng	98
22) Acetophenone	8.71	105	201489	34.605	ng	99
24) Nitrobenzene	9.09	77	149517	36.125	ng	99
25) Isophorone	9.61	82	291547	36.895	ng	100
26) 2-Nitrophenol	9.80	139	83197	38.740	ng	99
27) 2,4-Dimethylphenol	9.87	122	139679	46.075	ng	100
28) bis(2-Chloroethoxy)methane	10.10	93	182484	34.618	ng	98
29) 2,4-Dichlorophenol	10.35	162	144302	39.366	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	148333	35.290	ng	99
31) Naphthalene	10.74	128	438786	37.786	ng	99
32) Benzoic acid	10.02	122	39473	28.103	ng	91
33) 4-Chloroaniline	10.85	127	118650	22.466	ng	99
34) Hexachlorobutadiene	11.03	225	87006	33.640	ng	98
35) Caprolactam	11.61	113	52963m	39.442	ng	
36) 4-Chloro-3-methylphenol	11.99	107	149917	39.008	ng	100
37) 2-Methylnaphthalene	12.36	142	326358	37.852	ng	98
38) 1-Methylnaphthalene	12.57	142	307825	37.869	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	160914	34.496	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	165540	73.960	ng	98
43) 2,4,6-Trichlorophenol	12.97	196	111545	36.995	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	123117	39.978	ng	98
46) 1,1'-Biphenyl	13.37	154	413331	36.747	ng	98
47) 2-Chloronaphthalene	13.41	162	320298	35.785	ng	99
48) 2-Nitroaniline	13.61	65	90786	34.369	ng	95
49) Acenaphthylene	14.25	152	518340	39.483	ng	99
50) Dimethylphthalate	13.99	163	411723	36.730	ng	99
51) 2,6-Dinitrotoluene	14.10	165	93565	37.436	ng	98
52) Acenaphthene	14.59	154	313502	36.842	ng	99
53) 3-Nitroaniline	14.43	138	65150	23.561	ng	99
54) 2,4-Dinitrophenol	14.65	184	96939	66.843	ng	97
55) Dibenzofuran	14.93	168	493771	38.326	ng	97
56) 4-Nitrophenol	14.76	139	167898	82.893	ng	97
57) 2,4-Dinitrotoluene	14.89	165	130736	37.321	ng	99
58) Fluorene	15.58	166	394270	38.854	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	106602	38.322	ng	98
60) Diethylphthalate	15.35	149	415347	37.186	ng	98
61) 4-Chlorophenyl-phenylether	15.58	204	203344	36.958	ng	98
62) 4-Nitroaniline	15.60	138	92451	33.460	ng	97
63) Azobenzene	15.87	77	364783	37.264	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	77323	39.882	ng	99
66) n-Nitrosodiphenylamine	15.79	169	362012	36.779	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	133288	34.832	ng	97
68) Hexachlorobenzene	16.59	284	150068	35.005	ng	98
69) Atrazine	16.74	200	141436	41.923	ng	97
70) Pentachlorophenol	16.94	266	148553	68.974	ng	97
71) Phenanthrene	17.32	178	655439	38.538	ng	98
72) Anthracene	17.41	178	674769	40.129	ng	97
73) Carbazole	17.68	167	606580	39.131	ng	99
74) Di-n-butylphthalate	18.24	149	753715	39.346	ng	98
75) Fluoranthene	19.33	202	791104	40.209	ng	98
77) Benzidine	19.51	184	309776	34.149	ng	97
78) Pyrene	19.69	202	798005	37.996	ng	96
80) Butylbenzylphthalate	20.58	149	342459	35.781	ng	97
81) Benzo(a)anthracene	21.50	228	756201	37.518	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	209906	26.833	ng	99
83) Chrysene	21.57	228	730021	37.471	ng	97
84) Bis(2-ethylhexyl)phthalate	21.43	149	488575	37.087	ng	98
85) Di-n-octyl phthalate	22.58	149	871598	38.239	ng	98
86) Indeno(1,2,3-cd)pyrene	28.10	276	918010	36.117	ng	100
88) Benzo(b)fluoranthene	23.63	252	788307	37.022	ng	98
89) Benzo(k)fluoranthene	23.69	252	791090	38.120	ng	99
90) Benzo(a)pyrene	24.46	252	737699	36.643	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	766105	38.451	ng	100
92) Benzo(g,h,i)perylene	29.18	276	775144	38.863	ng	98

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

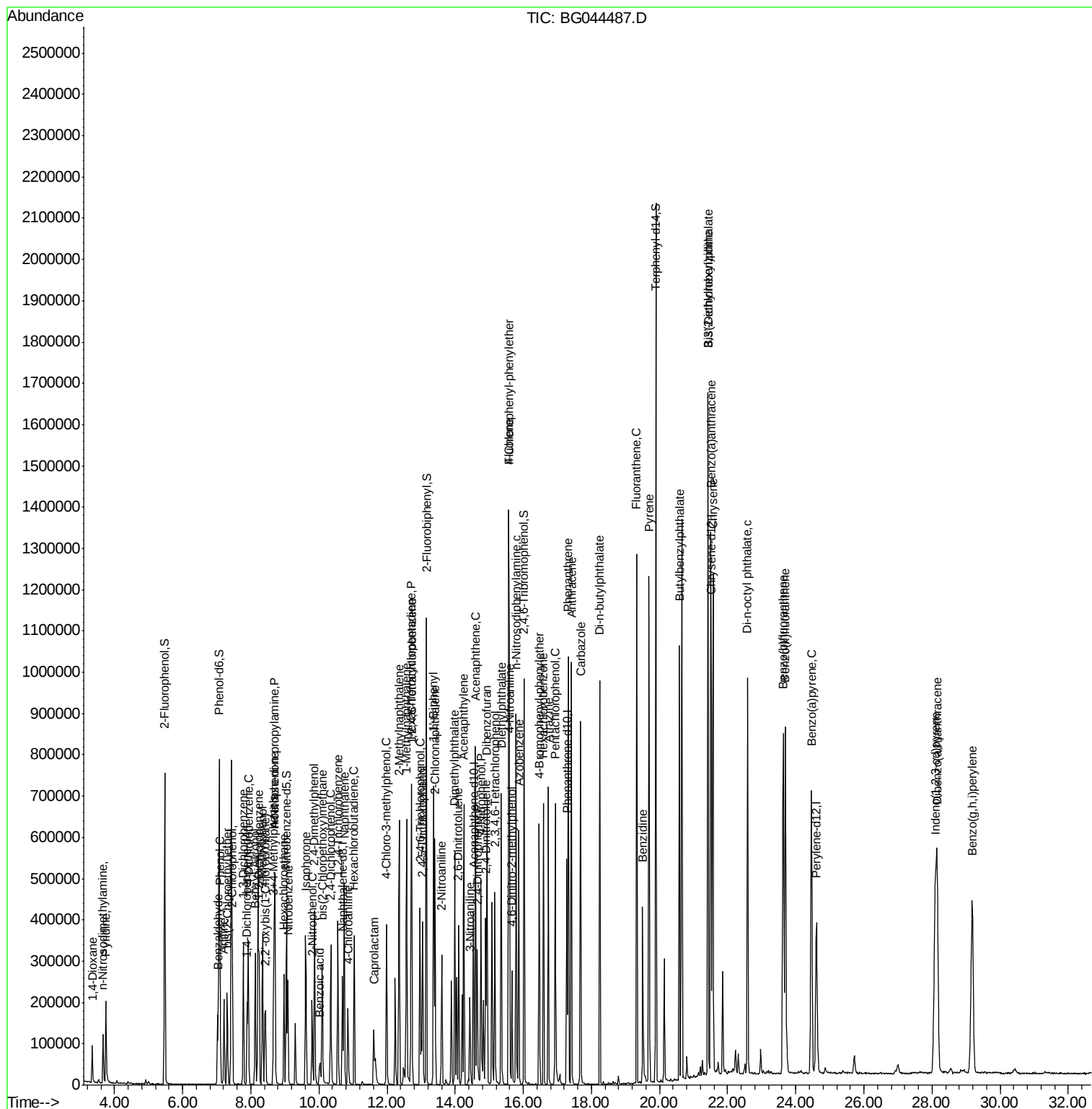
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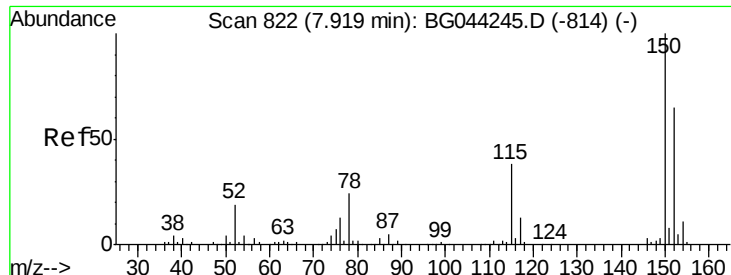
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#1

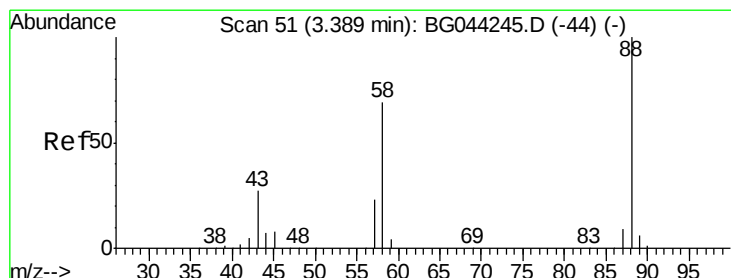
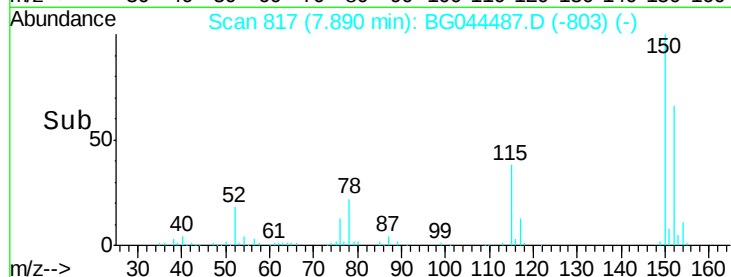
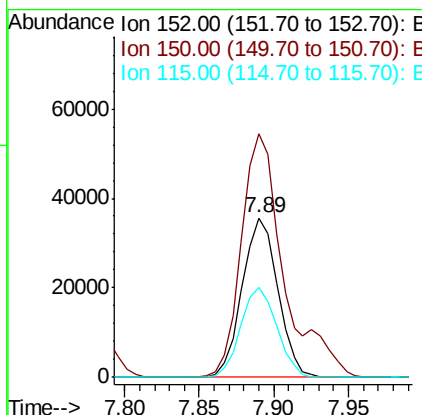
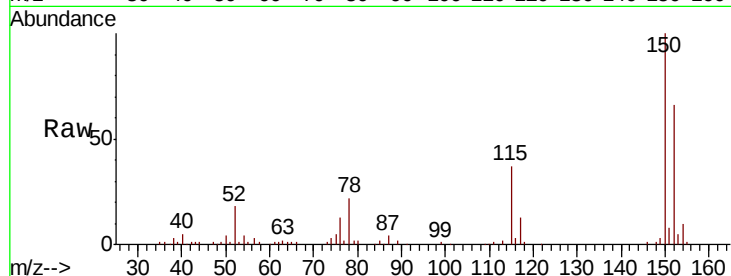
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.6	183.8
115	56.7	46.0	69.0

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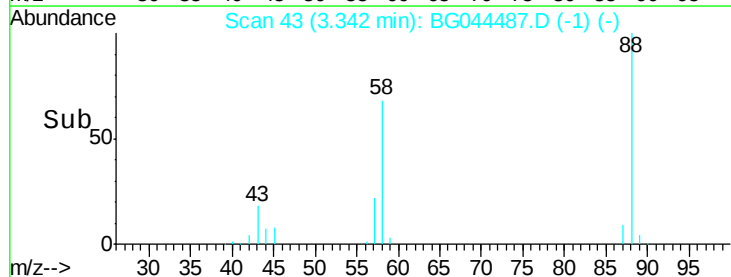
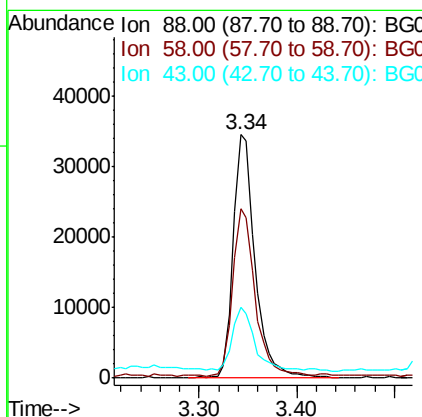
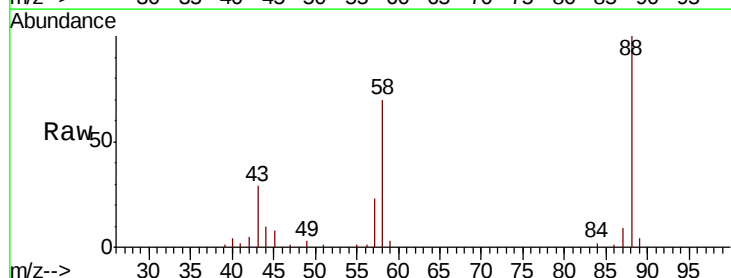
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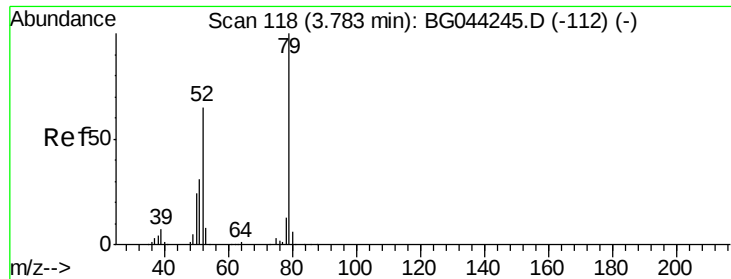


#2

1,4-Dioxane
Concen: 35.823 ng
RT: 3.34 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	55.8	83.6
43	24.3	21.6	32.4





#3

Pvridine

Concen: 31.464 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

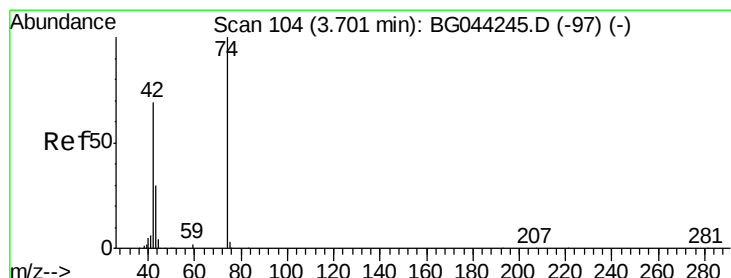
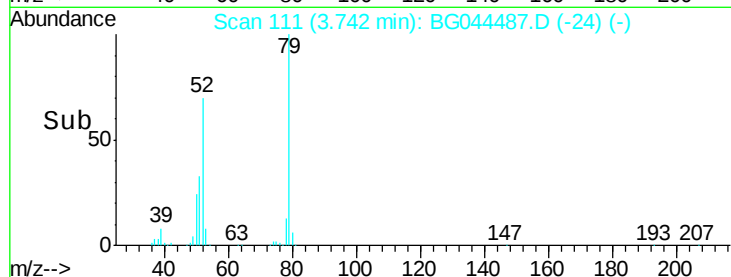
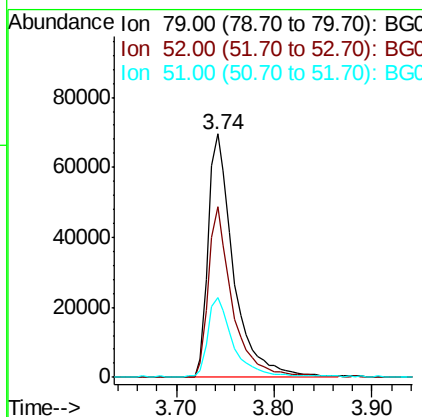
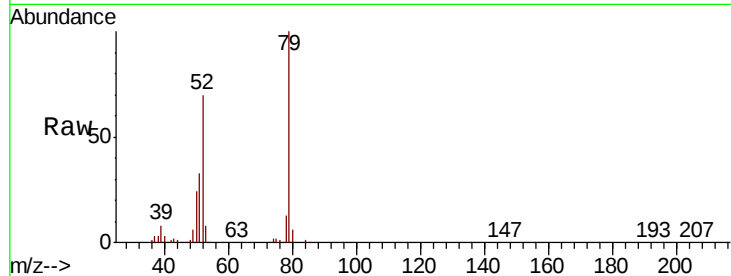
ClientSampleId :

PB126850BS

Tot Ion:	79	Resp:	125946
Ion	Ratio	Lower	Upper
79	100		
52	70.1	51.9	77.9
51	32.9	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 35.275 ng

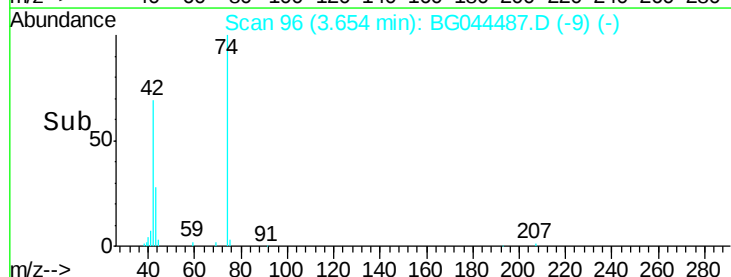
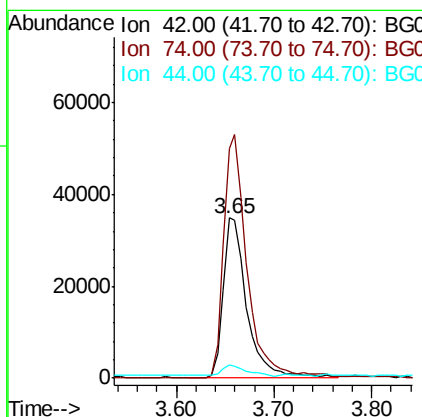
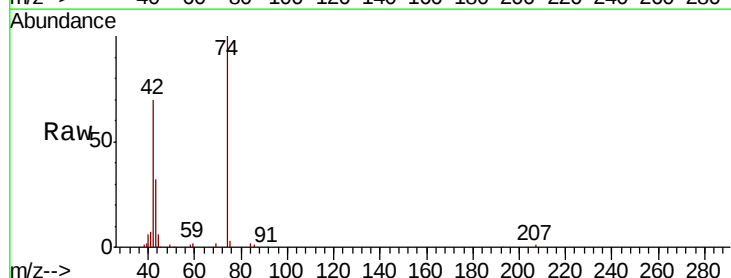
RT: 3.65 min Scan# 96

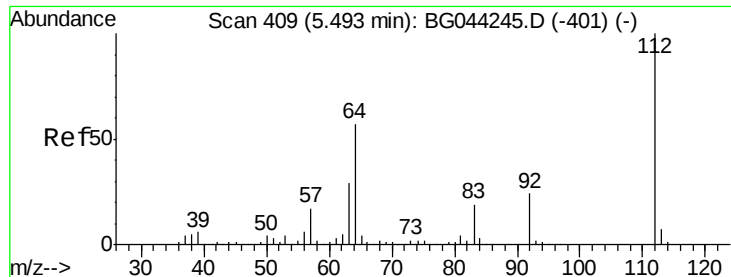
Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	42	Resp:	59004
Ion	Ratio	Lower	Upper
42	100		
74	143.2	115.1	172.7
44	8.0	5.6	8.4





#5

2-Fluorophenol

Concen: 112.366 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

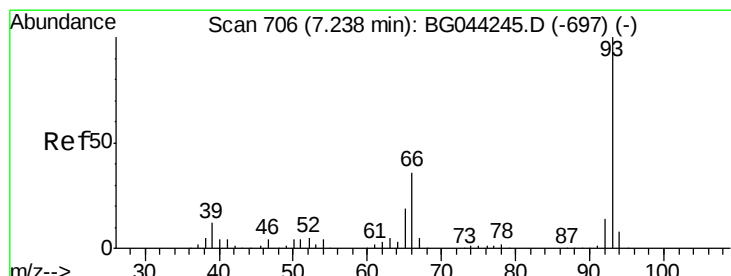
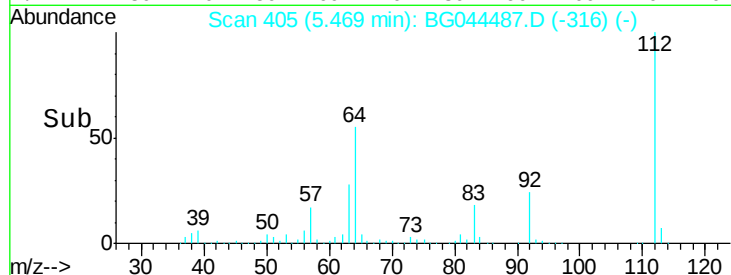
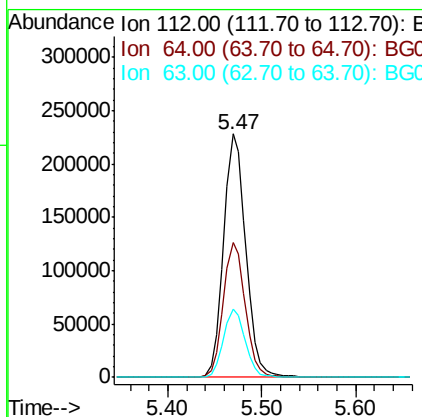
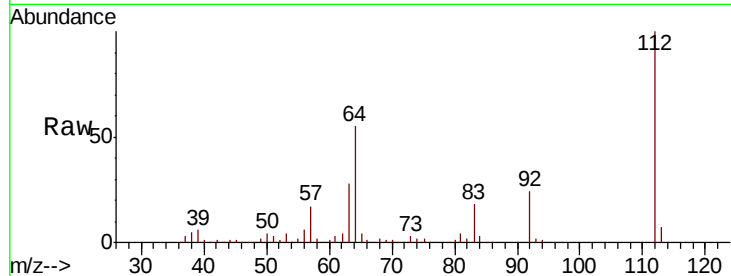
ClientSampleId :

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Tot Ion:	112	Resp:	375749
Ion Ratio	Lower	Upper	
112	100		
64	55.1	45.4	68.2
63	28.3	22.9	34.3

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#6

Aniline

Concen: 26.843 ng

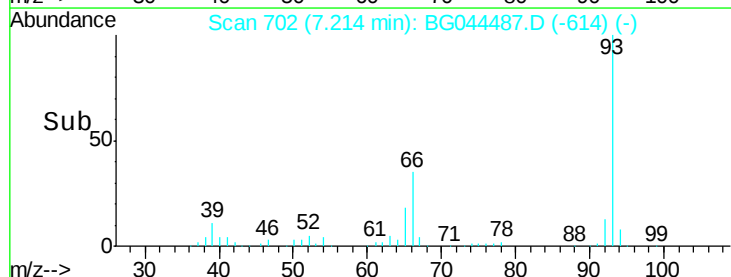
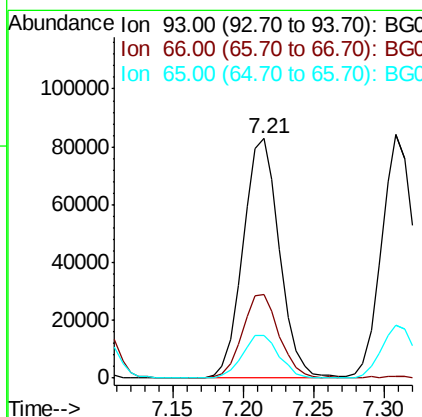
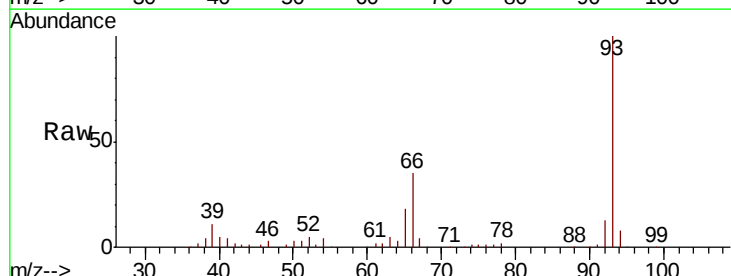
RT: 7.21 min Scan# 702

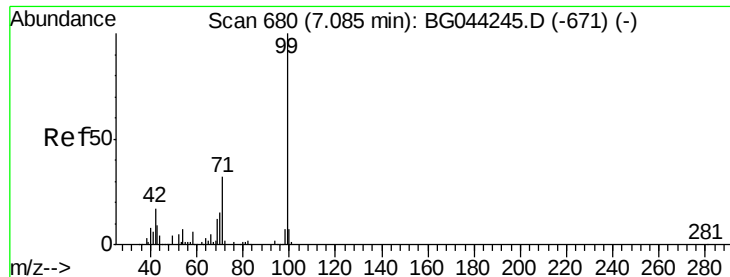
Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	93	Resp:	149618
Ion Ratio	Lower	Upper	
93	100		
66	34.8	28.7	43.1
65	17.8	15.4	23.0





#7

Phenol-d6

Concen: 112.012 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

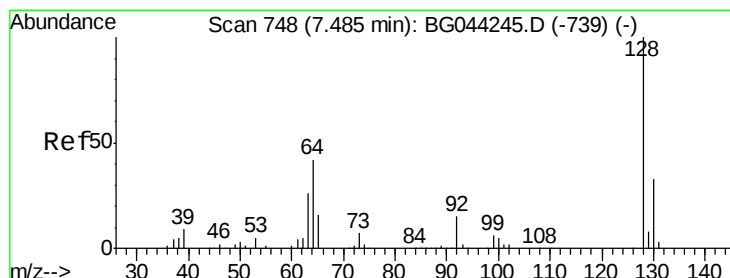
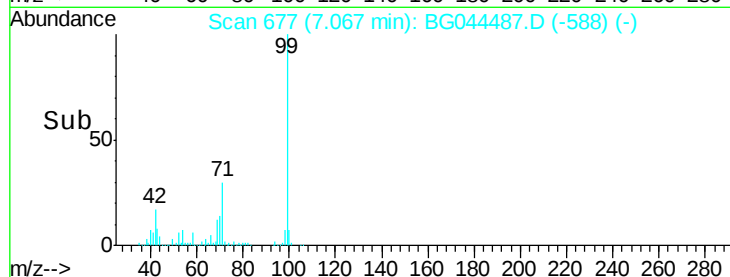
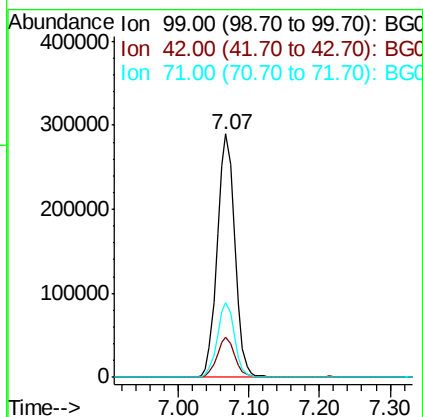
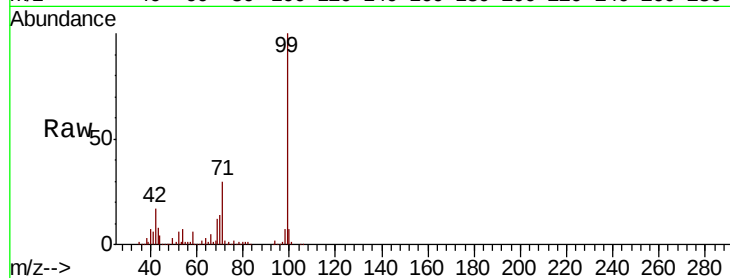
ClientSampleId :

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Tot Ion:	99	Resp:	502987
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.8	20.6
71	30.5	25.5	38.3

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#8

2-Chlorophenol

Concen: 39.694 ng

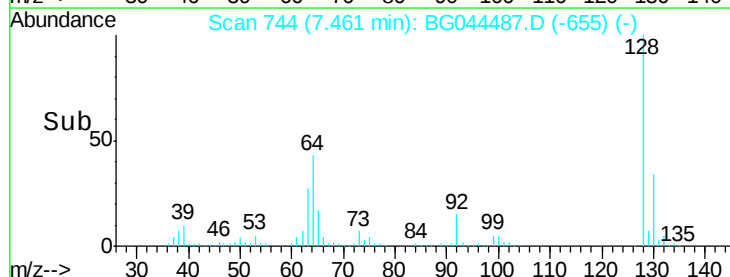
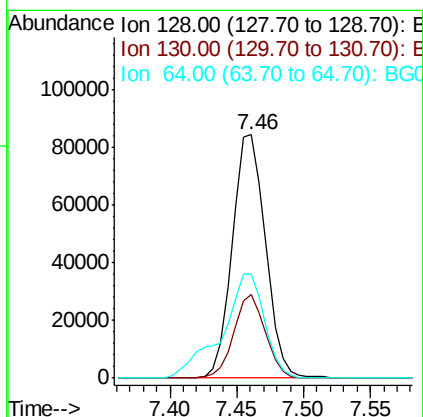
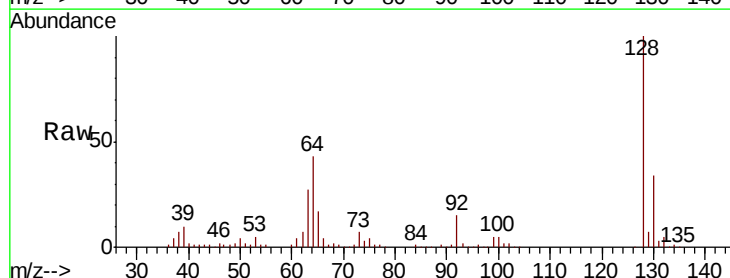
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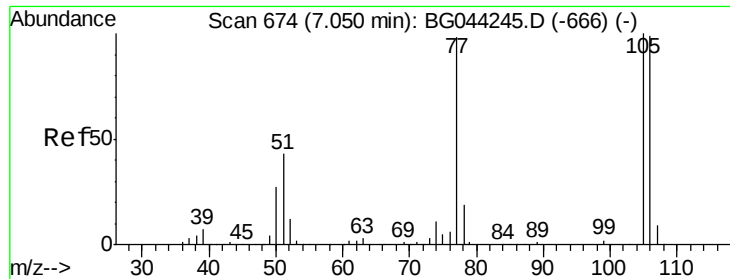
Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	128	Resp:	145879
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.5	52.5
64	42.5	24.2	64.2





#9

Benzaldehyde

Concen: 26.541 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

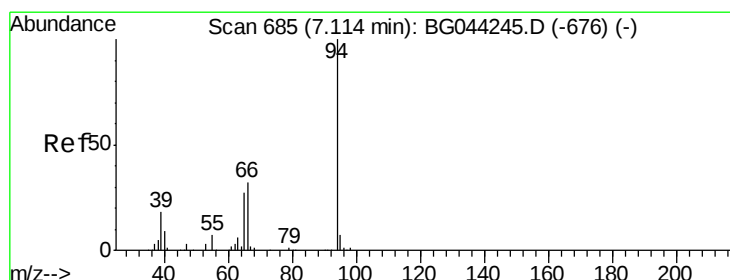
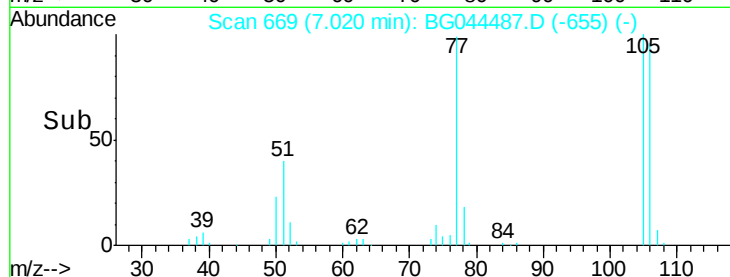
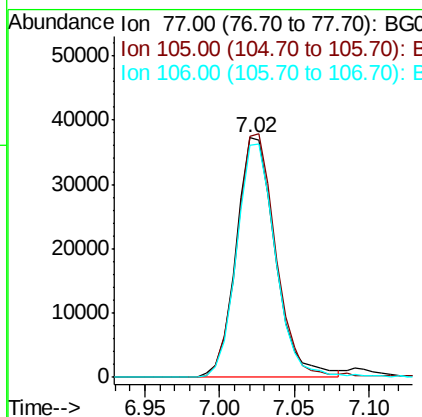
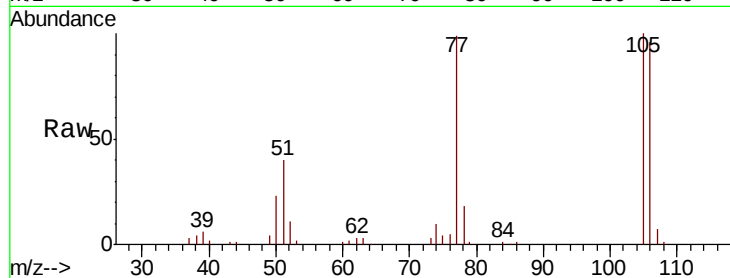
ClientSampleId :

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Tot Ion:	77	Resp:	67877
Ion	Ratio	Lower	Upper
77	100		
105	100.8	82.0	122.0
106	97.0	80.7	120.7

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#10

Phenol

Concen: 40.791 ng

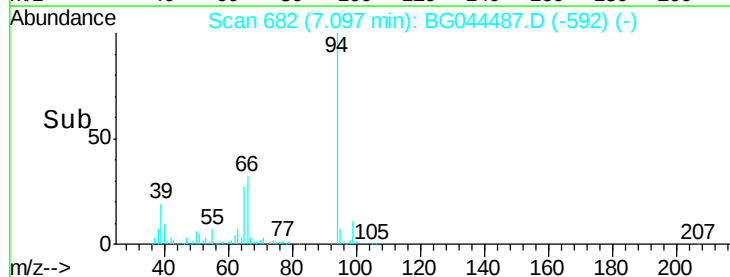
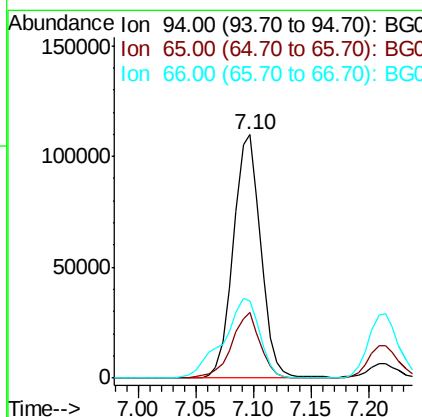
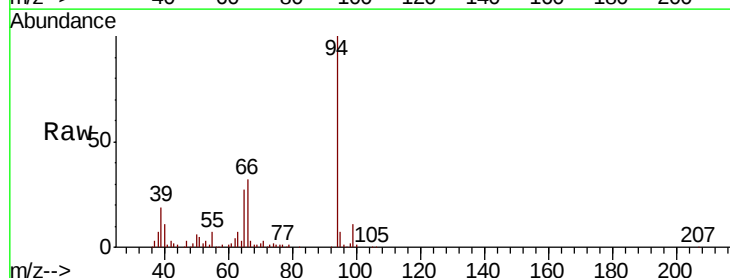
RT: 7.10 min Scan# 682

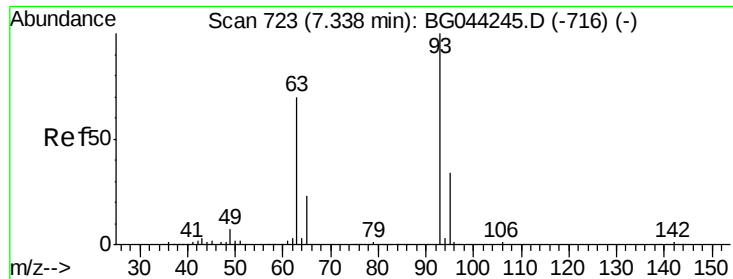
Delta R.T. -0.00 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	94	Resp:	181280
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.0	47.0
66	31.5	12.7	52.7





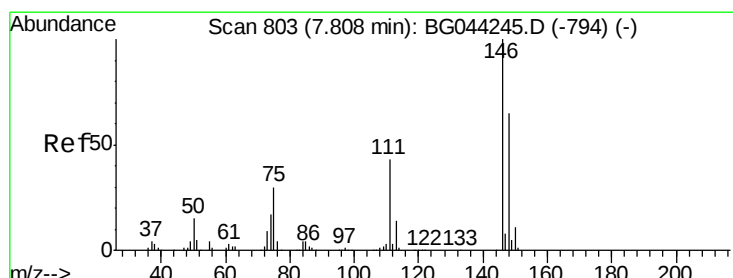
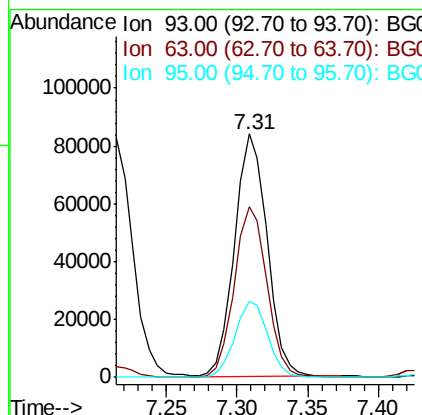
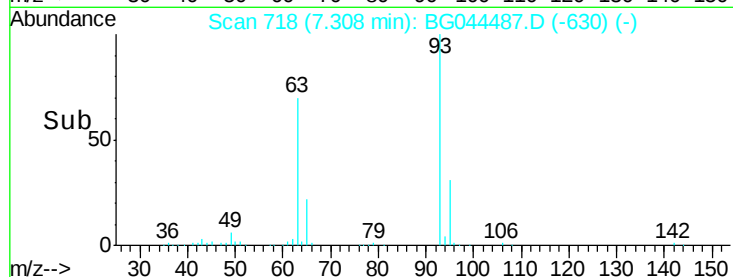
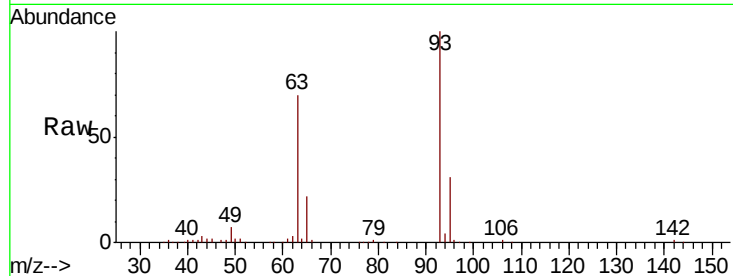
#11
bis(2-Chloroethyl)ether
Concen: 35.686 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:	93	Resp:	135585
Ion Ratio	Lower	Upper	
93	100		
63	70.2	49.2	89.2
95	31.0	13.6	53.6

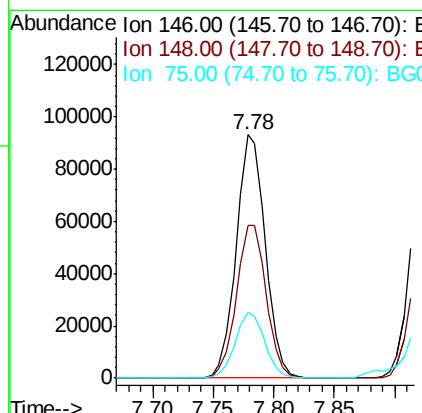
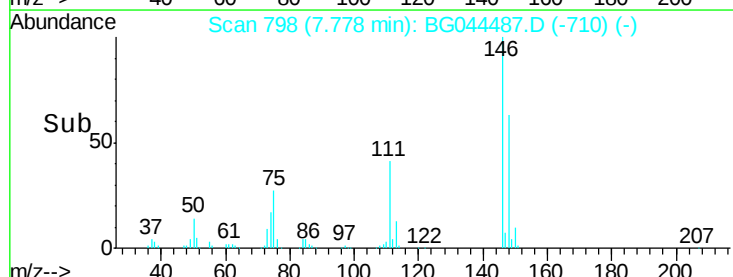
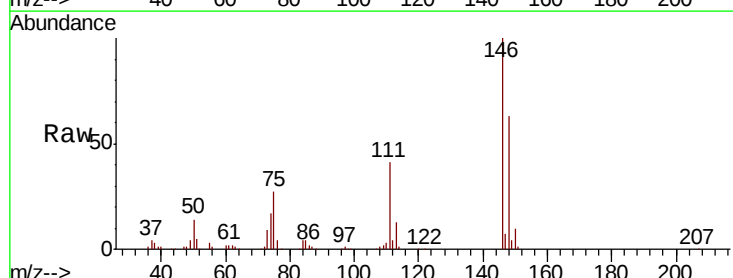
Manual Integrations
APPROVED

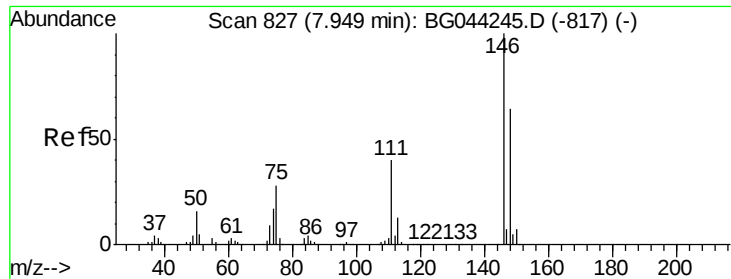
mohammad
2/20/2020 3:11:33 PM



#12
1,3-Dichlorobenzene
Concen: 35.648 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:	146	Resp:	156422
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.8
75	26.7	23.7	35.5





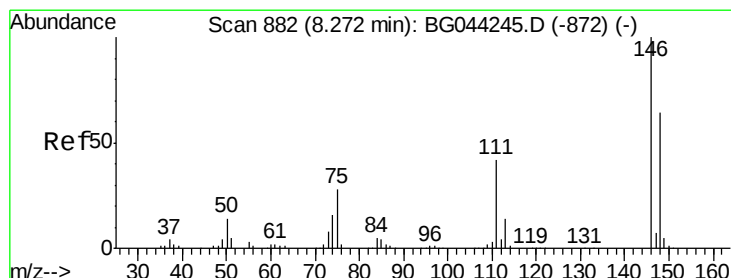
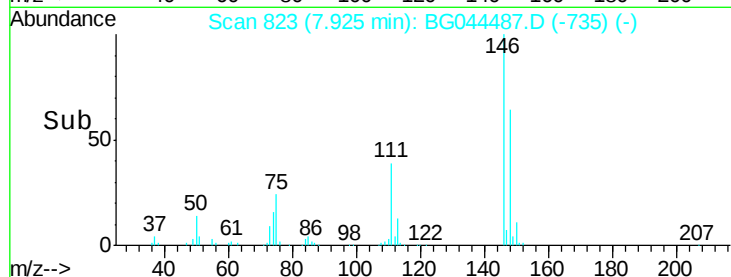
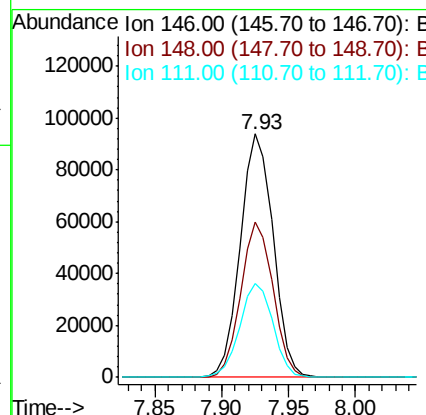
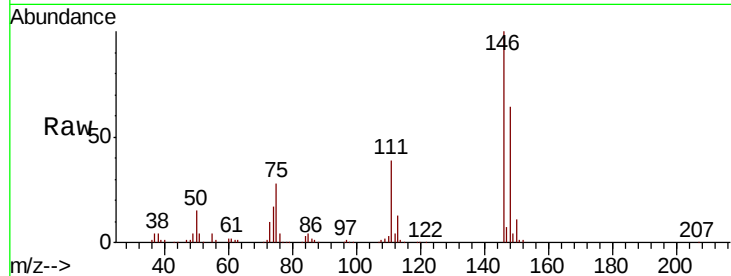
#13
1,4-Dichlorobenzene
Concen: 36.779 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	38.8	31.8	47.8

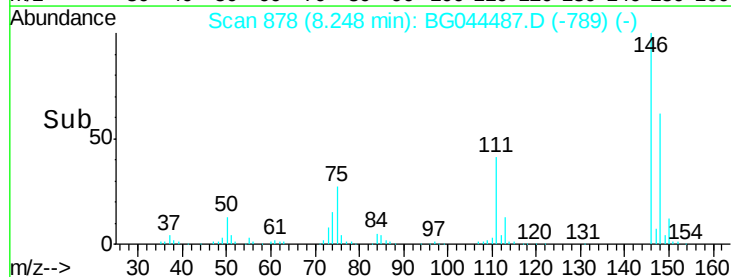
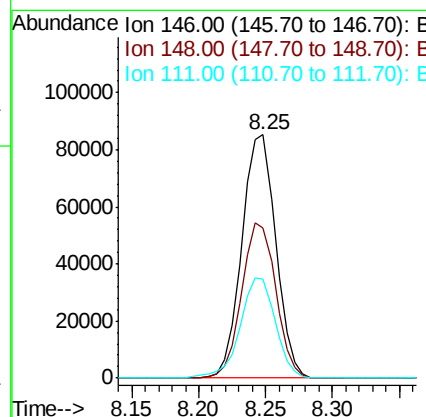
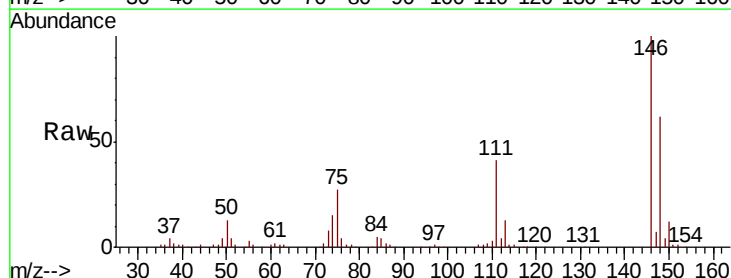
Manual Integrations
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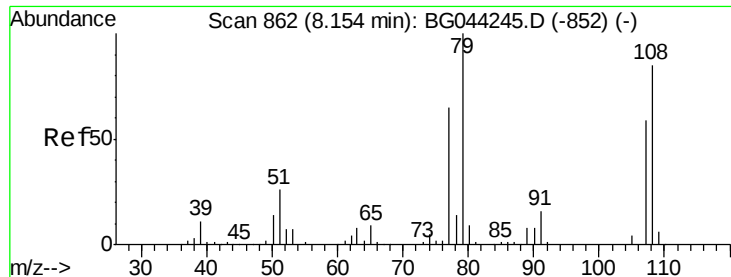
mohammad
2/20/2020 3:11:33 PM



#14
1,2-Dichlorobenzene
Concen: 36.501 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.2	76.8
111	40.8	34.0	51.0





#15

Benzyl Alcohol

Concen: 36.988 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

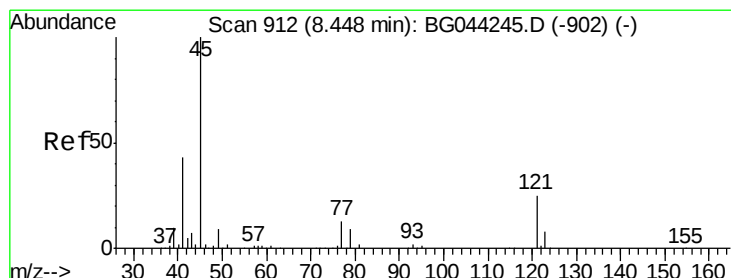
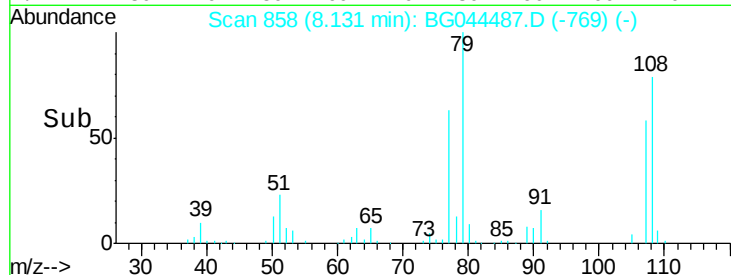
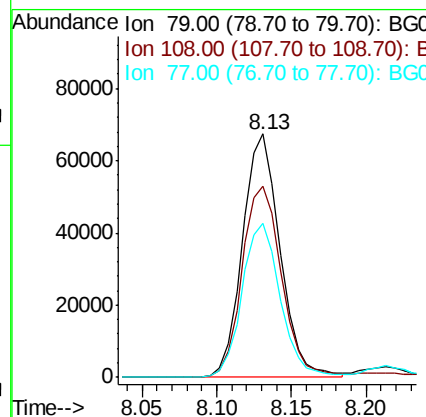
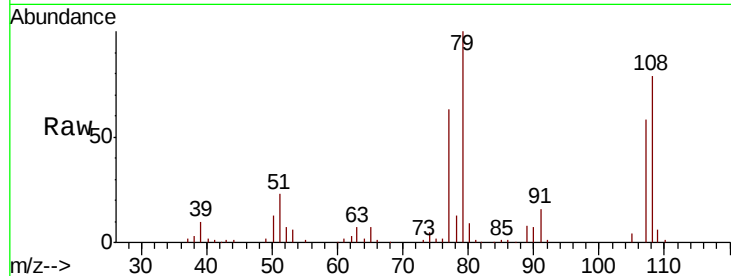
ClientSampleId :

PB126850BS

Tot Ion:	79	Resp:	117590
Ion	Ratio	Lower	Upper
79	100		
108	78.7	68.3	102.5
77	63.2	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.941 ng

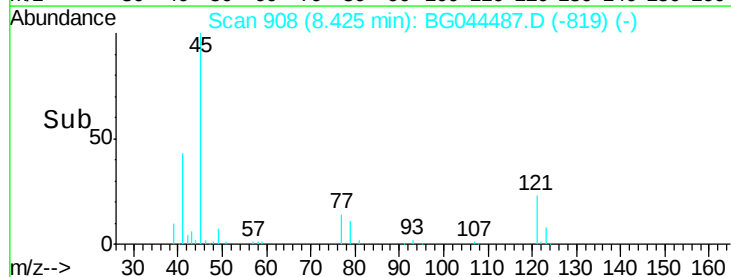
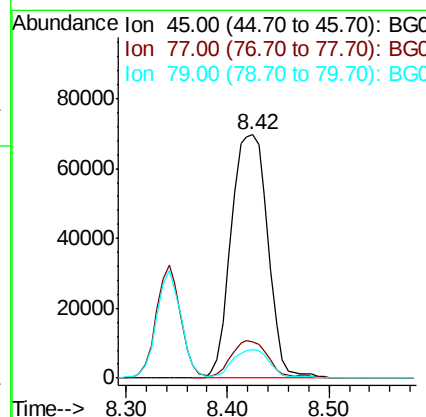
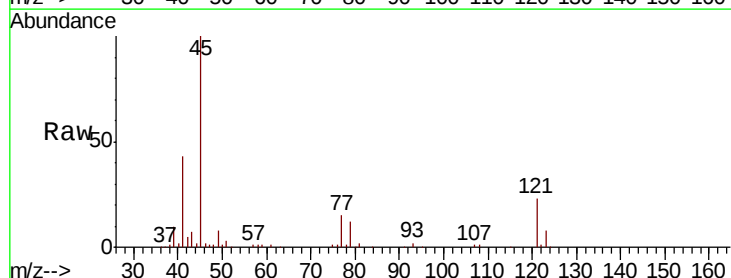
RT: 8.42 min Scan# 908

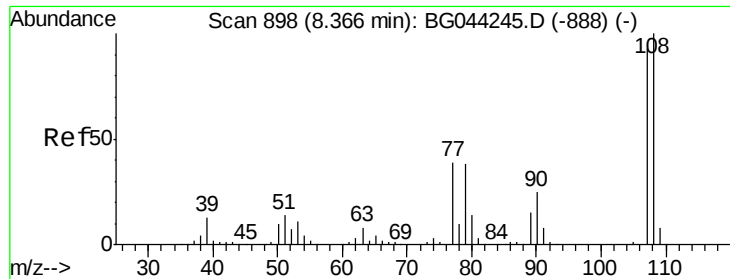
Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	45	Resp:	174538
Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.2
79	11.9	0.0	31.1





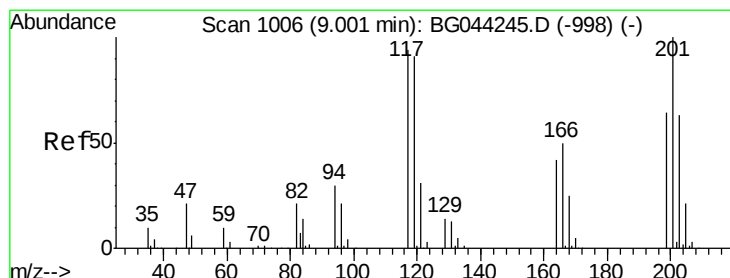
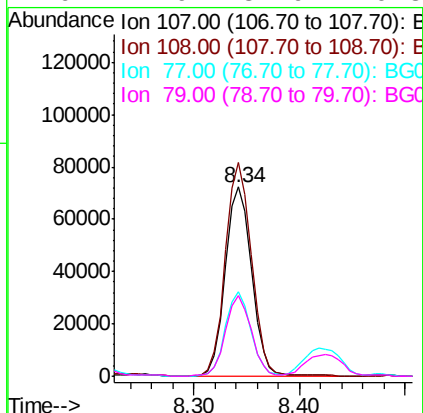
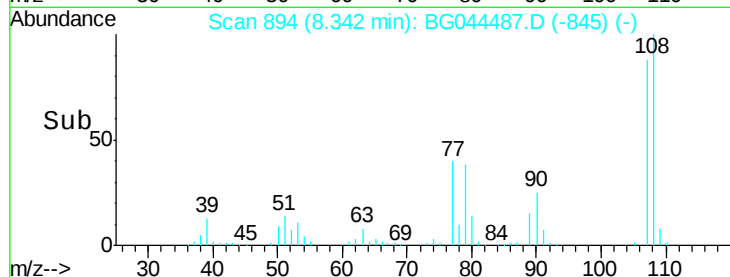
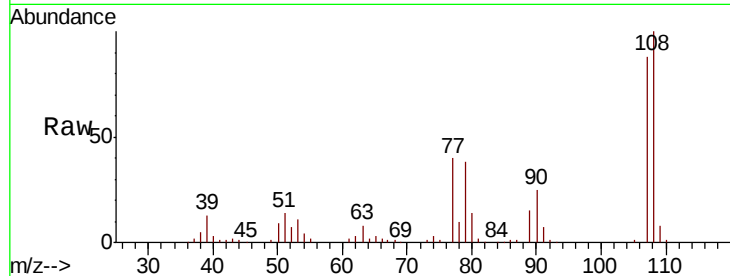
#17
2-Methylphenol
Concen: 39.599 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	86.4	129.6	
77	45.1	34.0	51.0	
79	42.9	32.9	49.3	

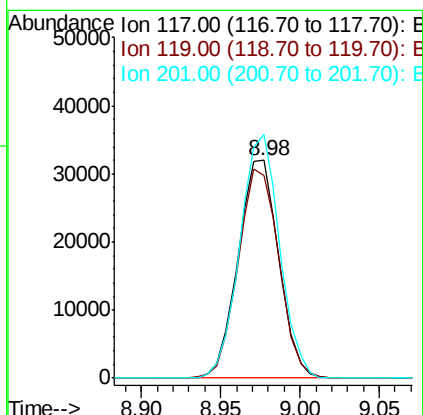
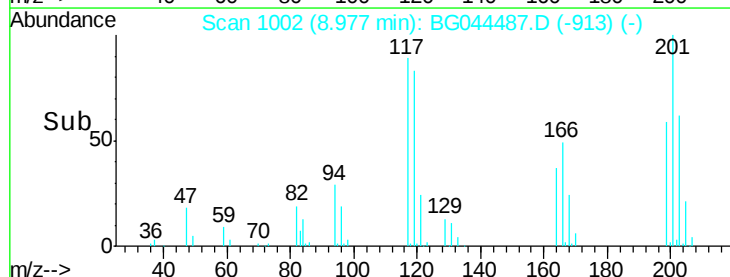
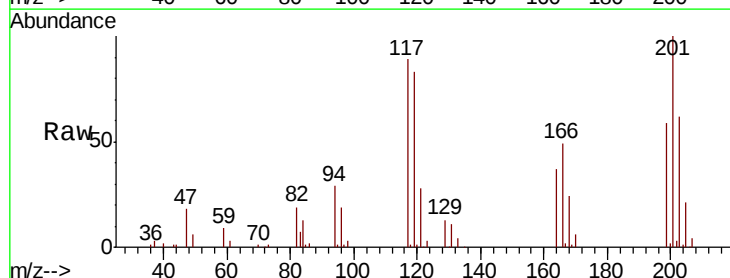
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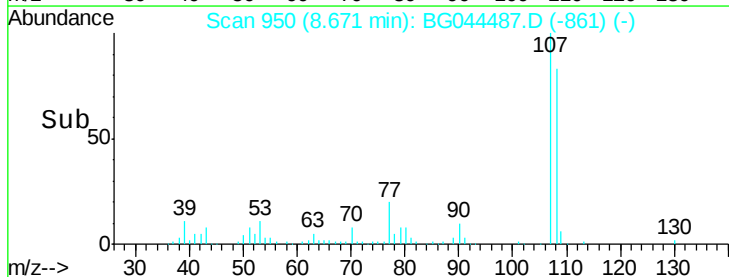
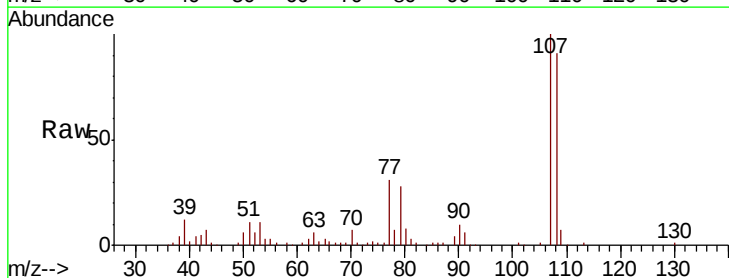
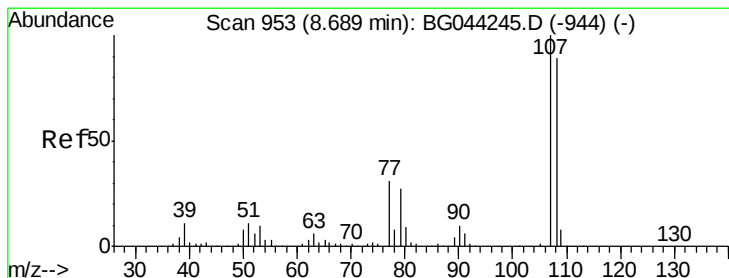
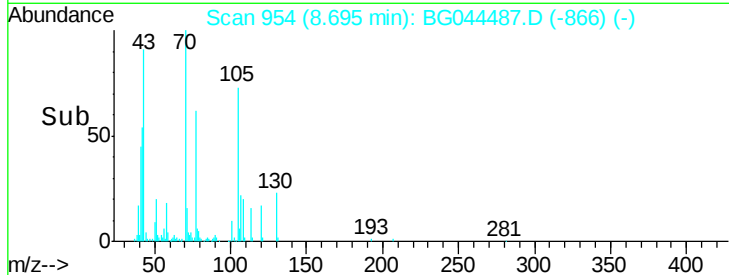
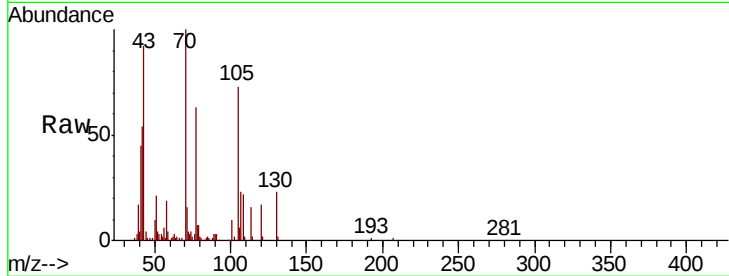
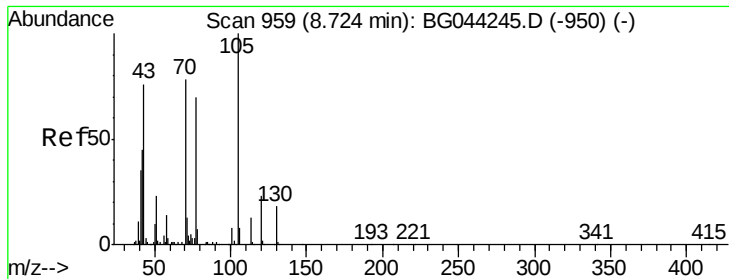
mohammad
2/20/2020 3:11:33 PM



#18
Hexachloroethane
Concen: 34.969 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.9	77.5	116.3	
201	111.8	84.9	127.3	





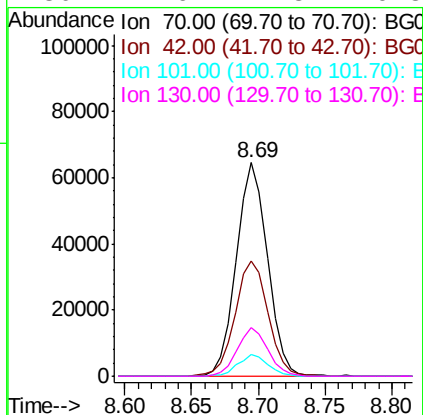
#19
n-Nitroso-di-n-propylamine
Concen: 34.922 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	46.2	69.2
101	10.1	8.4	12.6
130	22.6	17.8	26.8

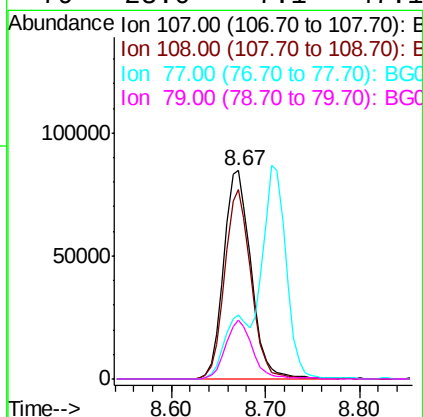
Manual Integrations
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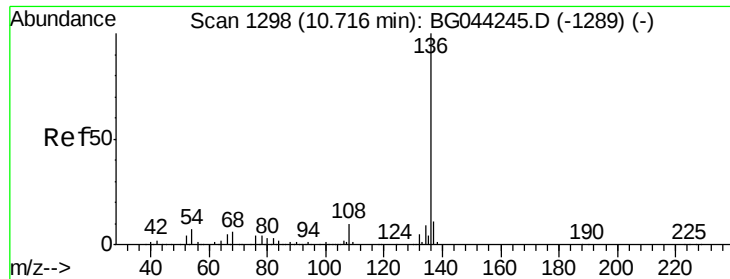
mohammad
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#20
3+4-Methylphenols
Concen: 39.207 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.5	108.5
77	30.9	10.9	50.9
79	28.0	7.1	47.1





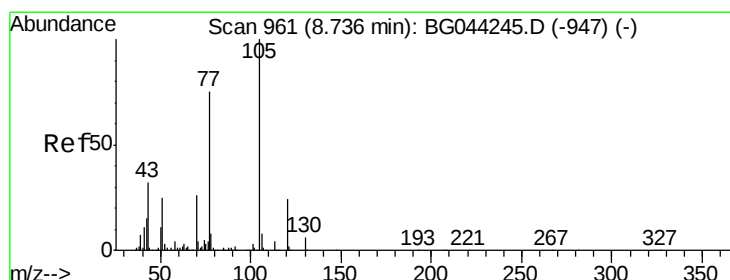
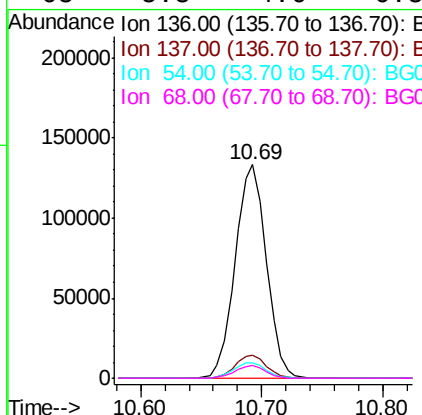
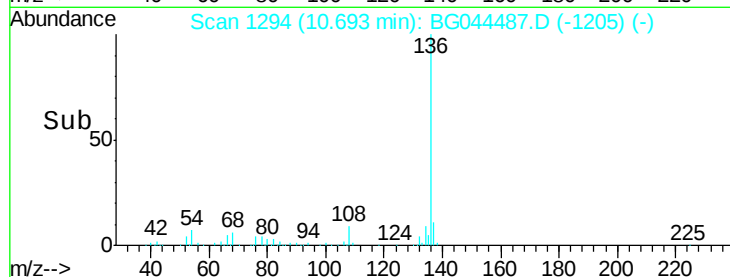
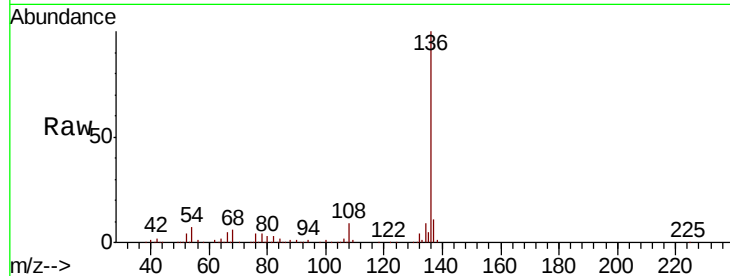
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		239349		
137	10.9		8.8	13.2	
54	7.2		5.8	8.8	
68	5.8		4.6	6.8	

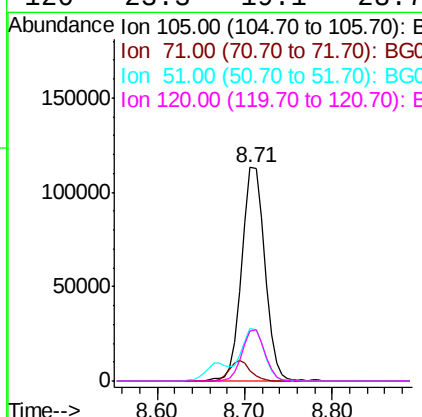
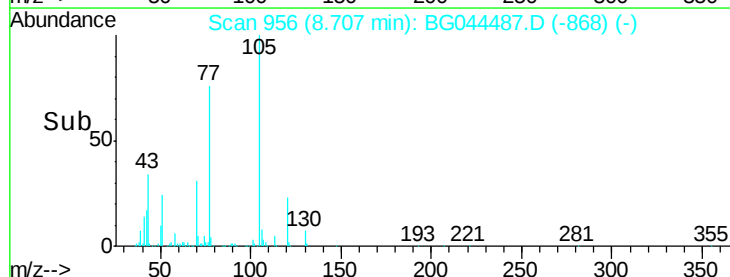
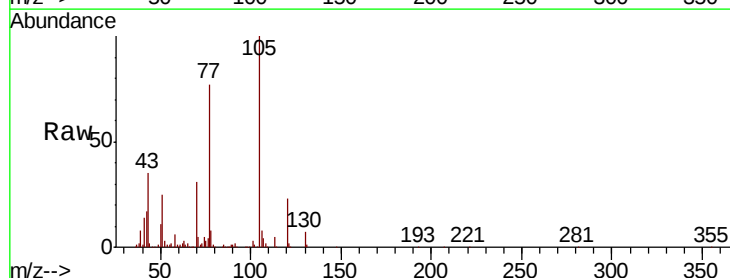
Manual Integrations
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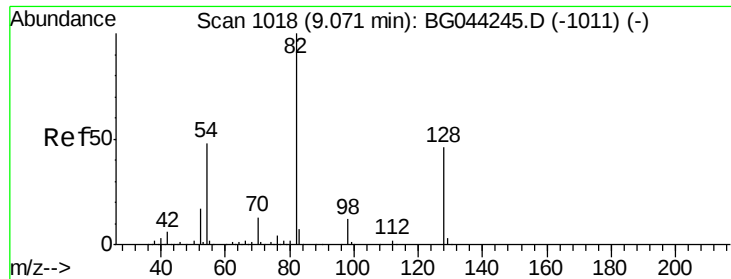
mohammad
2/20/2020 3:11:33 PM



#22
Acetophenone
Concen: 34.605 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		201489		
71	4.8		3.4	5.0	
51	24.5		20.2	30.4	
120	23.3		19.1	28.7	





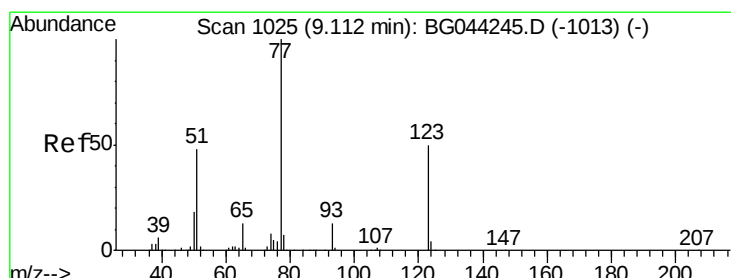
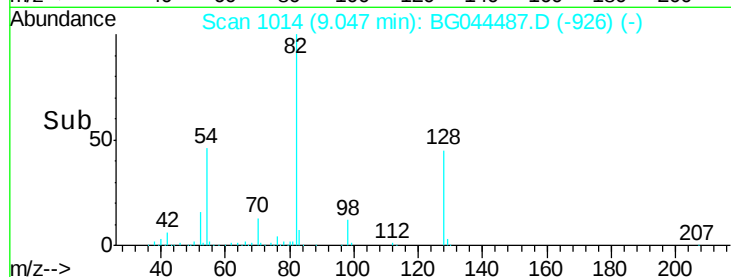
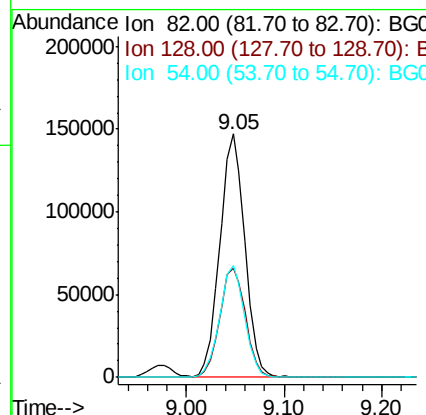
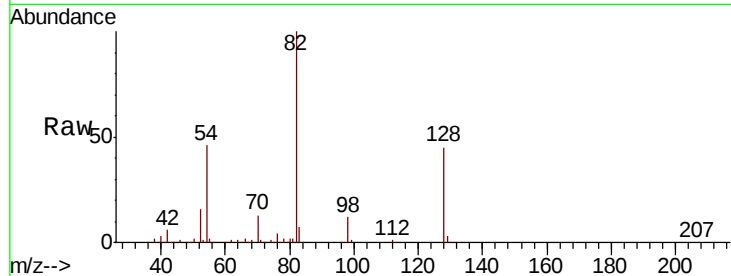
#23
Nitrobenzene-d5
Concen: 61.337 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	260040		
128	45.0		36.5	54.7
54	45.9		38.6	58.0

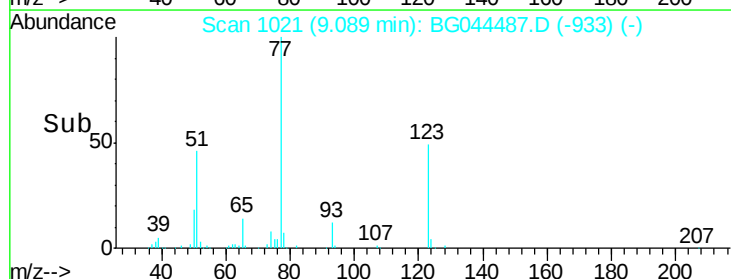
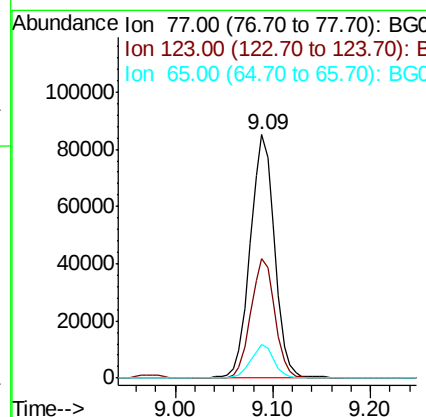
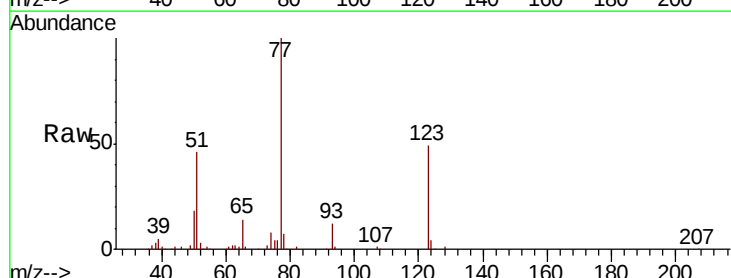
Manual Integrations
APPROVED

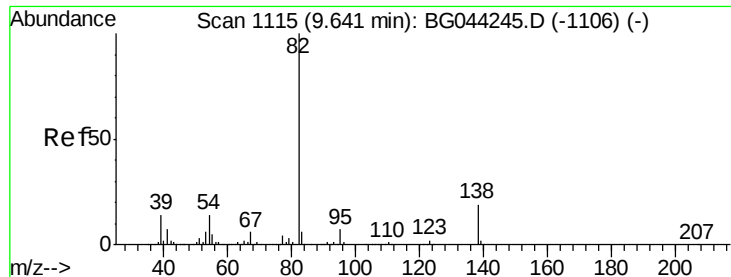
mohammad
2/20/2020 3:11:33 PM



#24
Nitrobenzene
Concen: 36.125 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	149517		
123	49.2		39.9	59.9
65	13.8		10.4	15.6





#25

Isophorone

Concen: 36.895 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

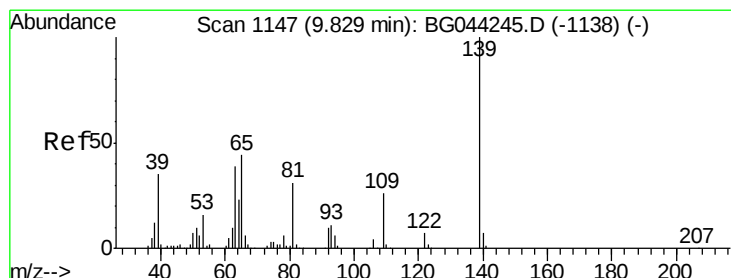
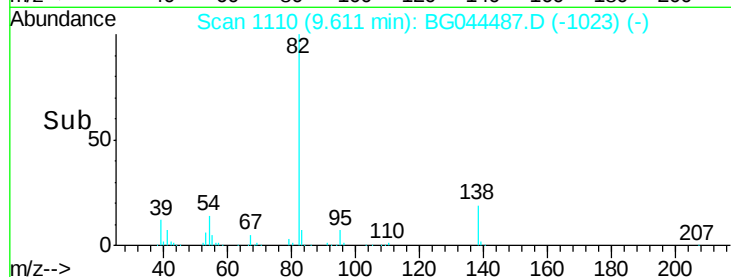
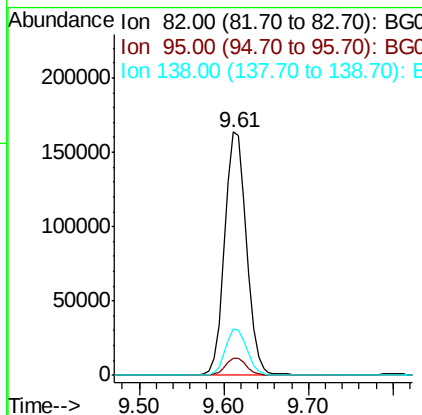
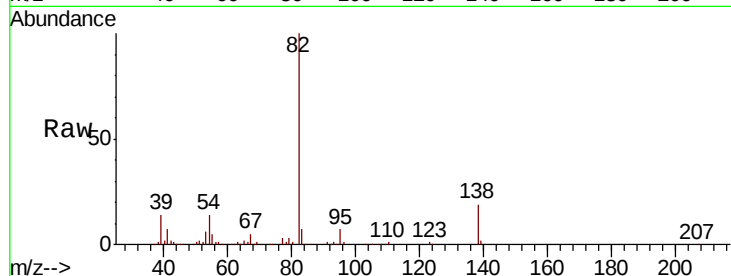
ClientSampleId :

PB126850BS

Tot Ion:	82	Resp:	291547
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.0	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.740 ng

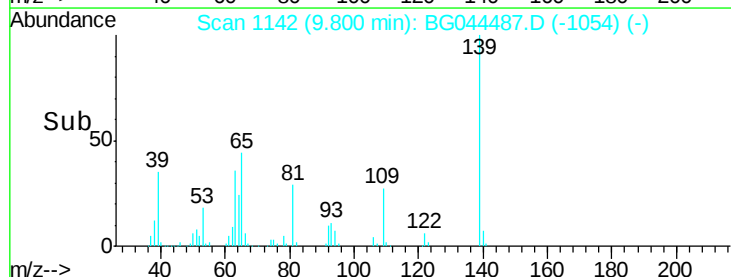
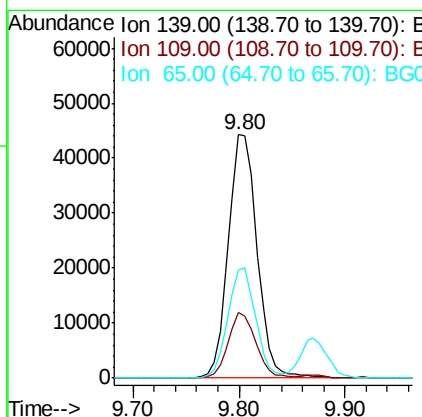
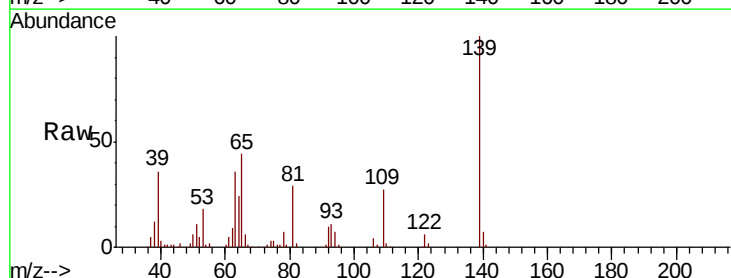
RT: 9.80 min Scan# 1142

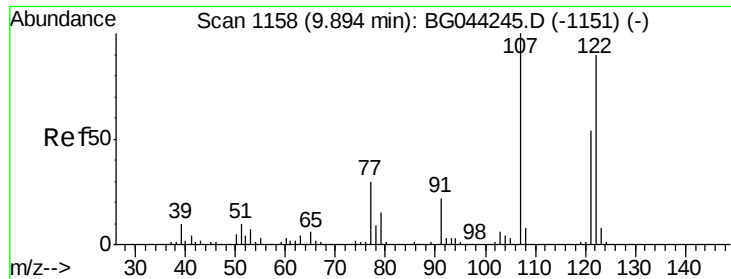
Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	139	Resp:	83197
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.0	31.4
65	44.5	35.0	52.4





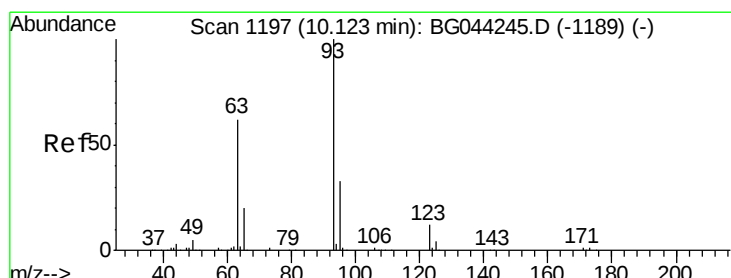
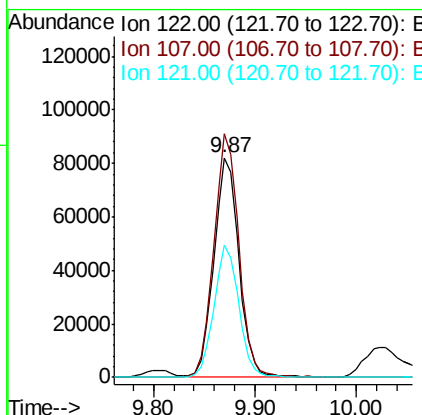
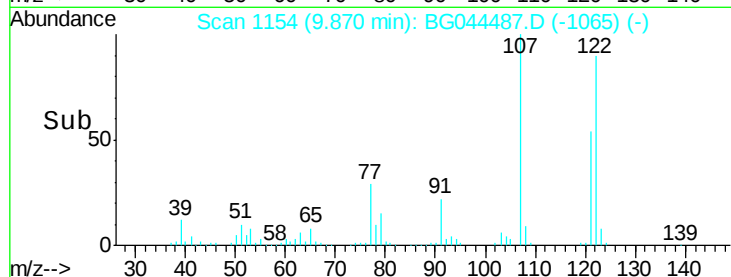
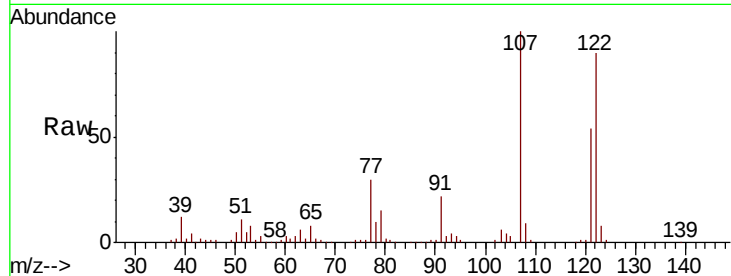
#27
2,4-Dimethylphenol
Concen: 46.075 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.8	133.2
121	60.0	48.3	72.5

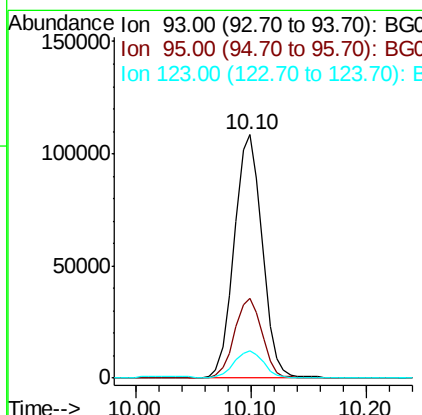
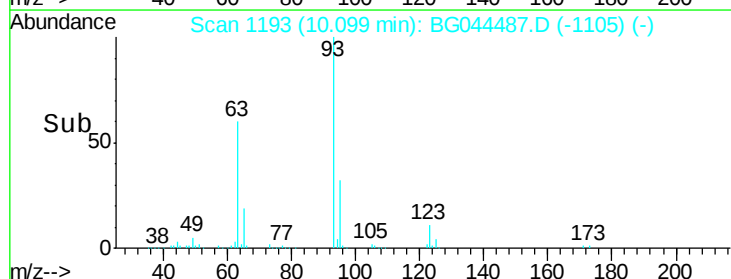
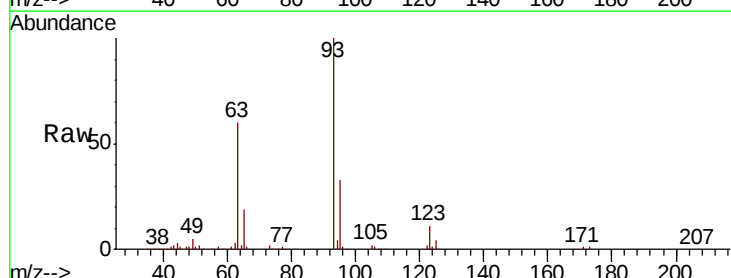
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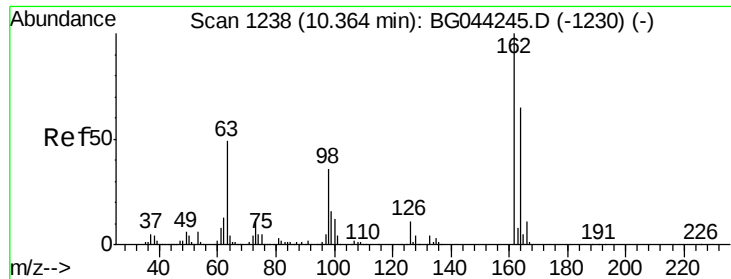
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 34.618 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	11.4	10.0	15.0





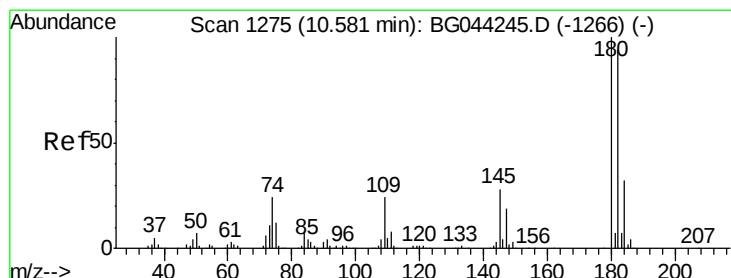
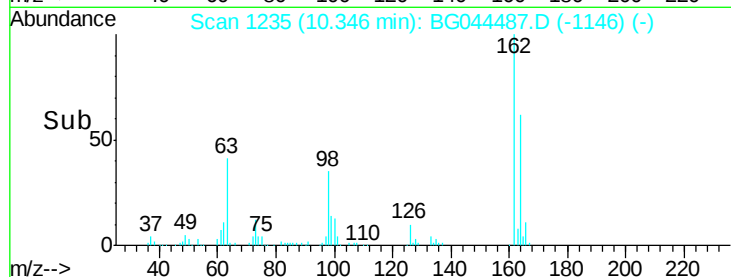
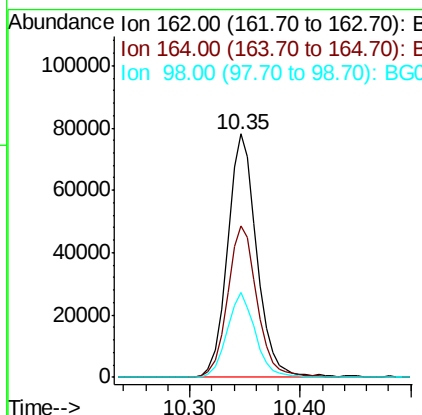
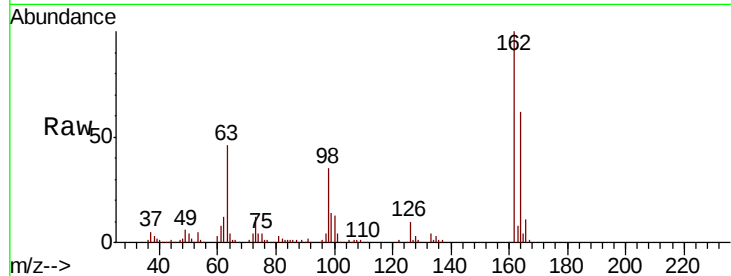
#29
 2,4-Dichlorophenol
 Concen: 39.366 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.7	84.7
98	35.0	15.8	55.8

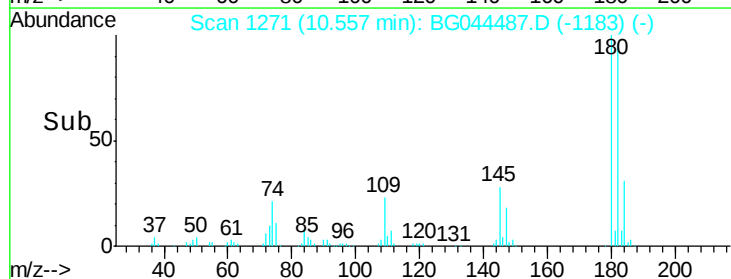
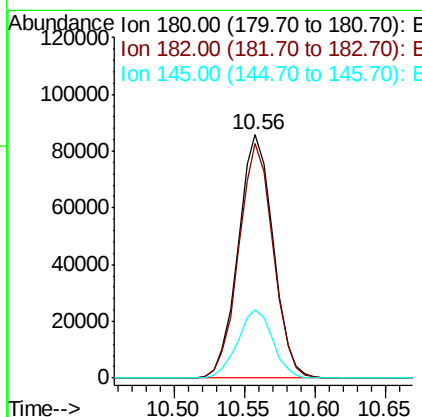
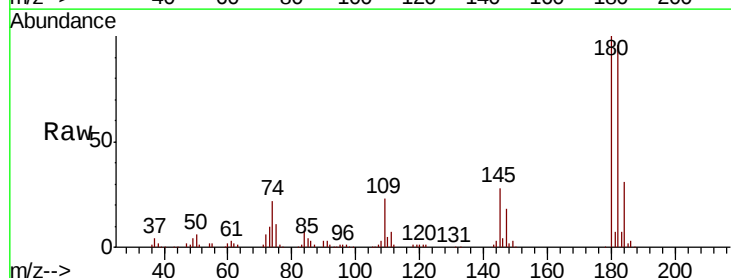
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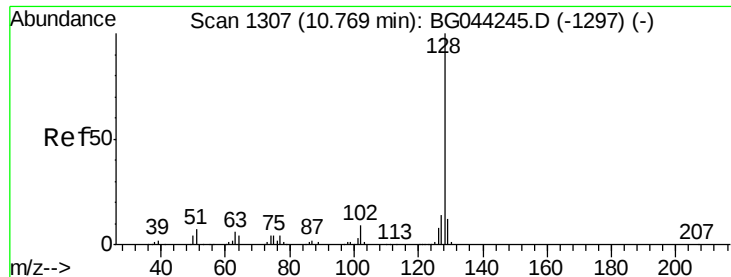
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.290 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.5	113.3
145	28.2	22.6	34.0





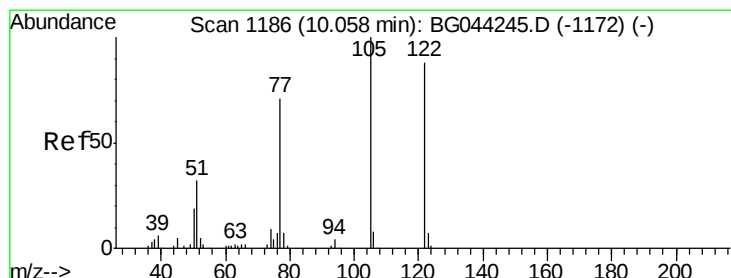
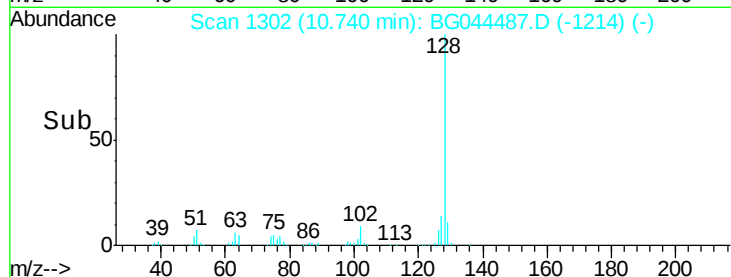
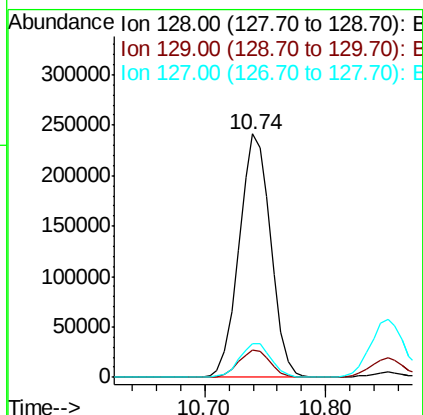
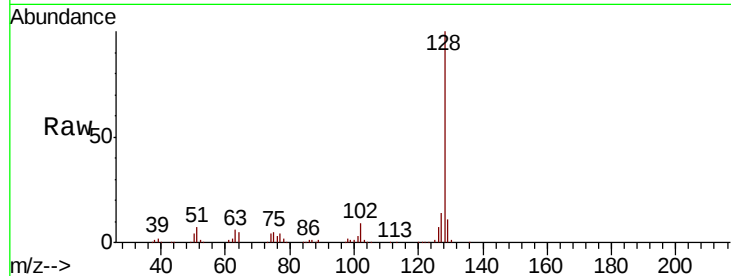
#31
Naphthalene
Concen: 37.786 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.0	11.6	17.4

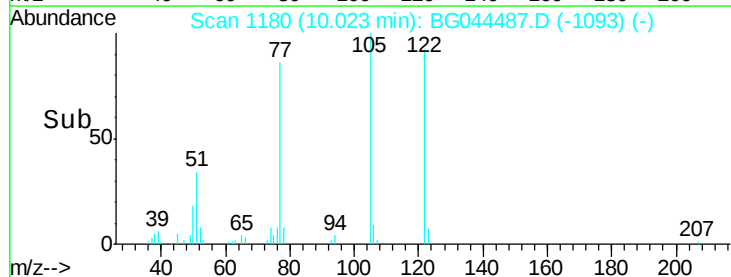
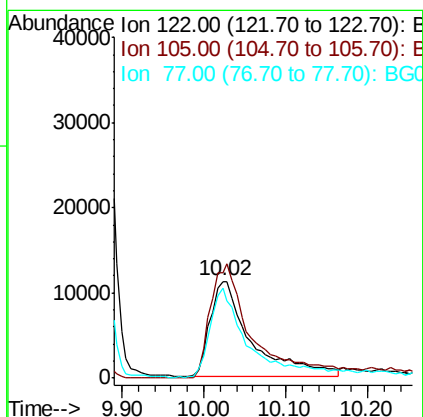
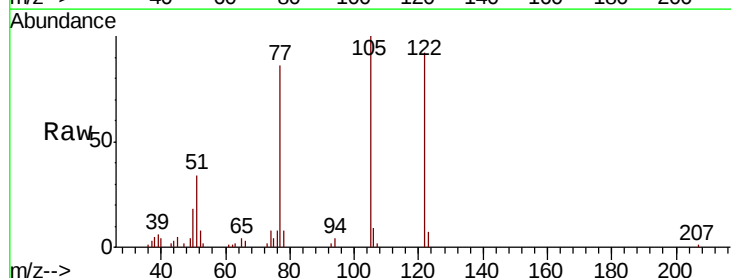
Manual Integrations
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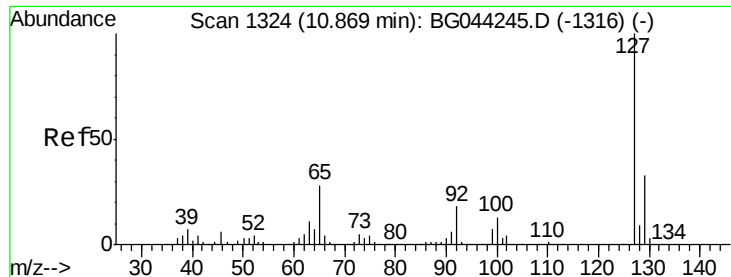
mohammad
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#32
Benzoic acid
Concen: 28.103 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.5	93.5	133.5
77	93.6	61.0	101.0





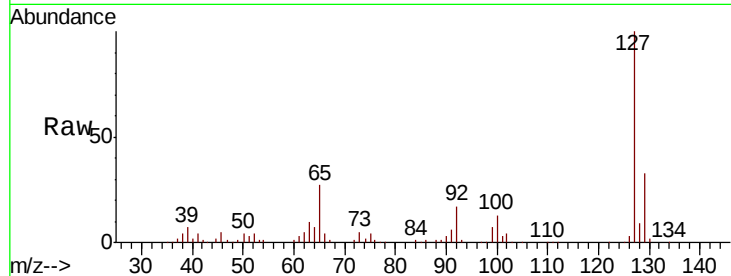
#33
4-Chloroaniline
Concen: 22.466 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

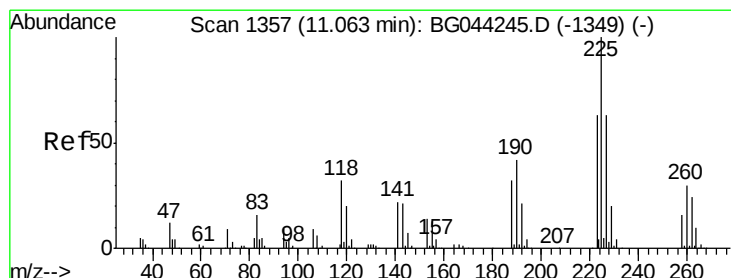
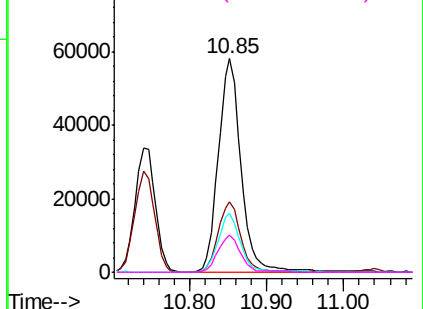
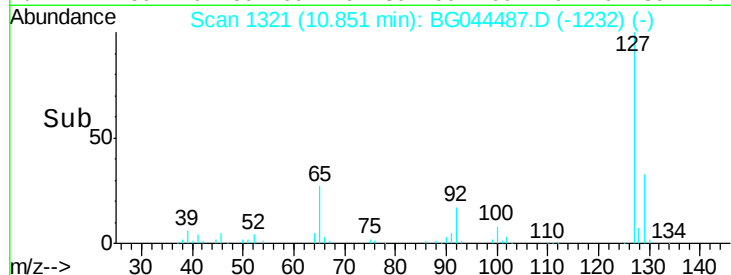
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		118650		
129	32.9	26.6	40.0		
65	27.4	22.5	33.7		
92	17.3	14.1	21.1		

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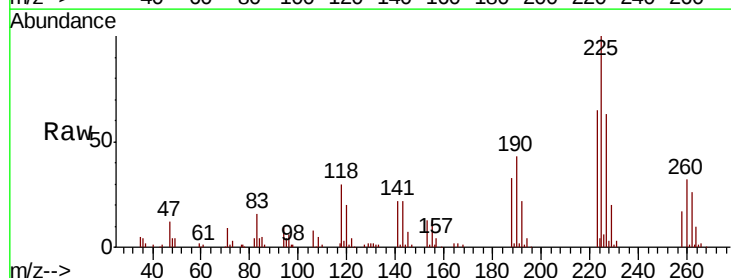


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

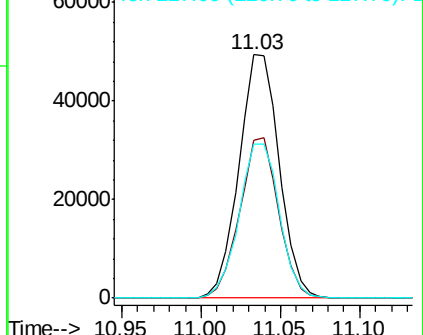
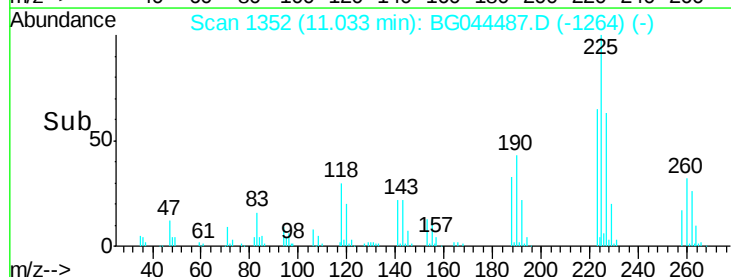


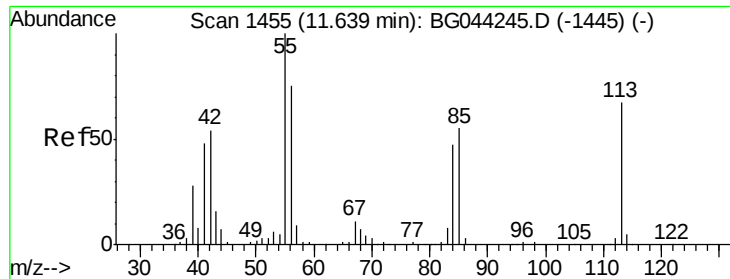
#34
Hexachlorobutadiene
Concen: 33.640 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		87006		
223	65.1	50.2	75.4		
227	63.0	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





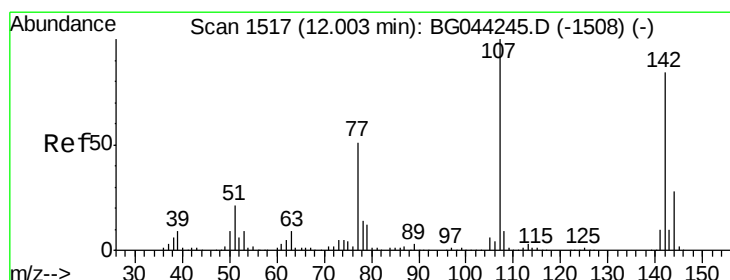
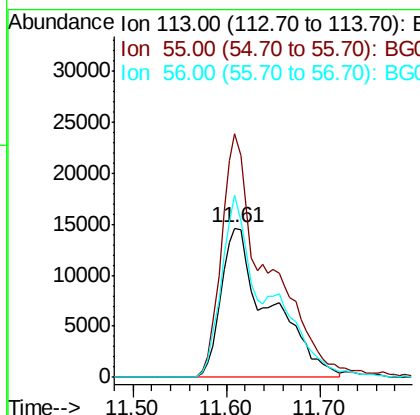
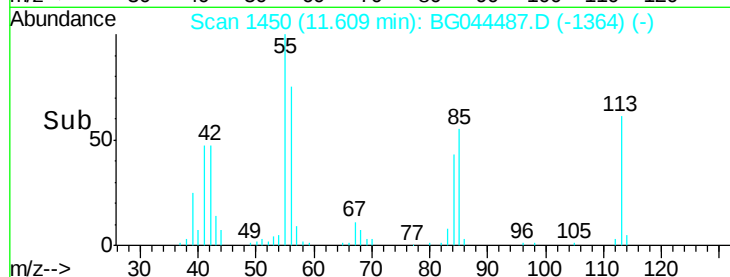
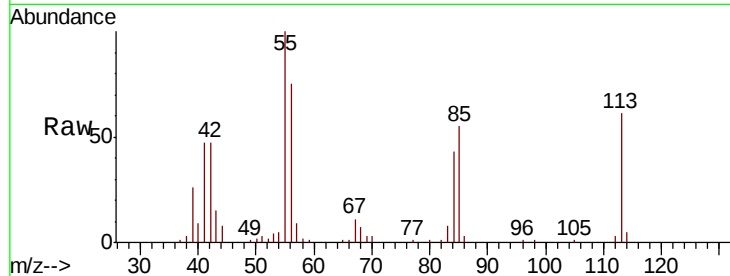
#35
Caprolactam
Concen: 39.442 ng/ml
RT: 11.61 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.3	129.9	169.9
56	121.9	92.5	132.5

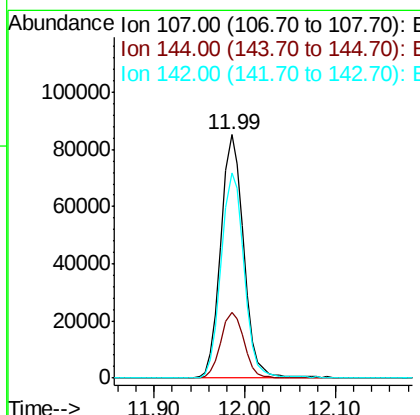
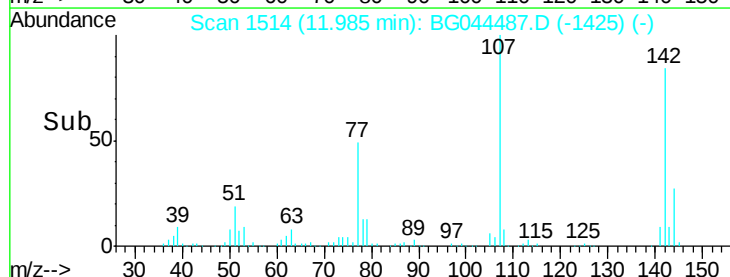
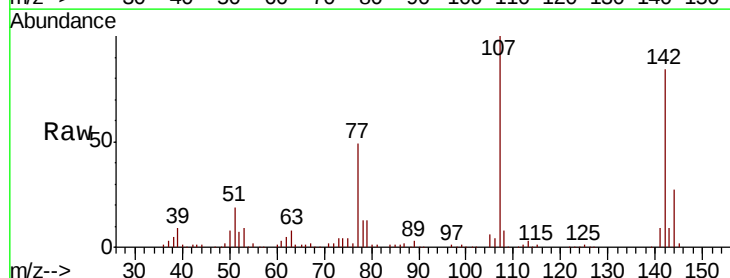
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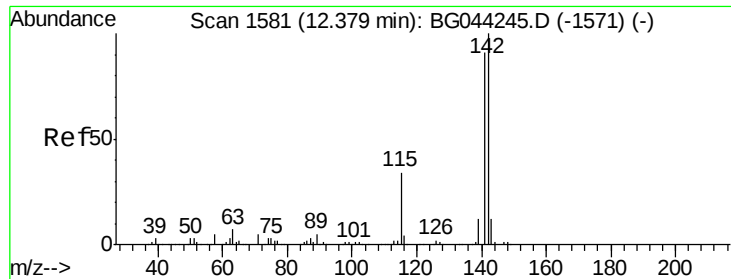
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.008 ng/ml
RT: 11.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	22.2	33.4
142	84.3	67.4	101.0





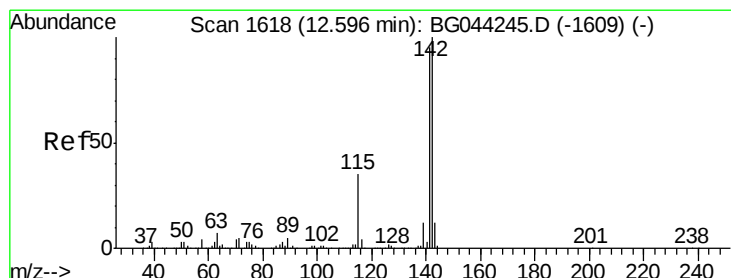
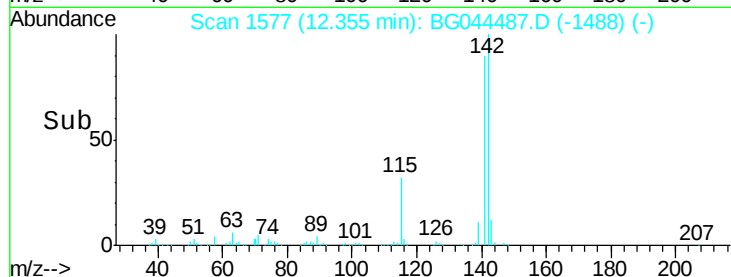
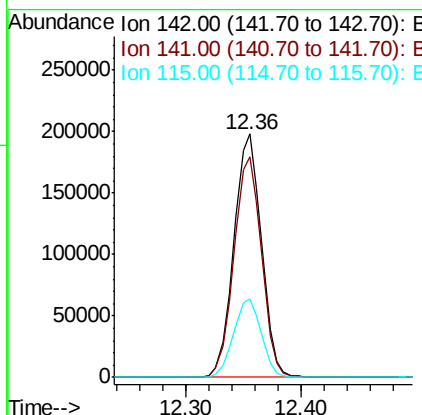
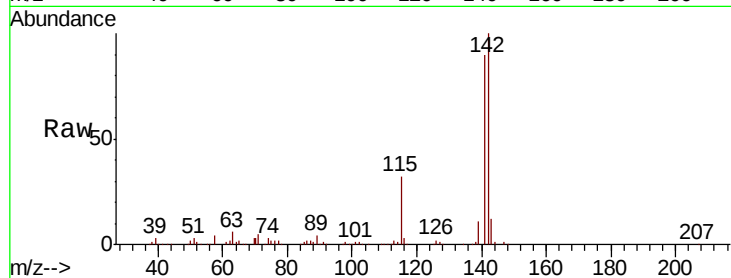
#37
2-Methylnaphthalene
Concen: 37.852 ng
RT: 12.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
115	32.4	27.1	40.7

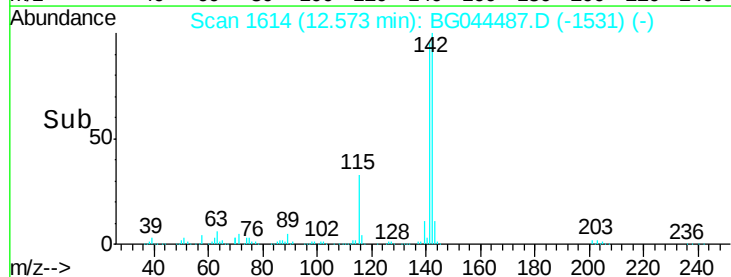
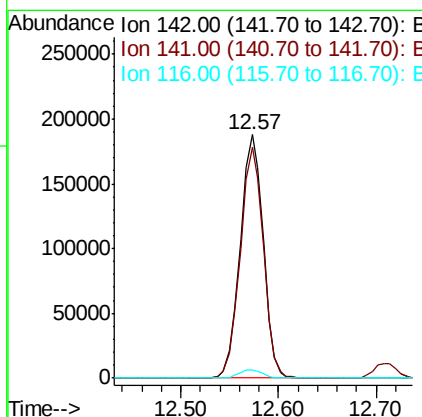
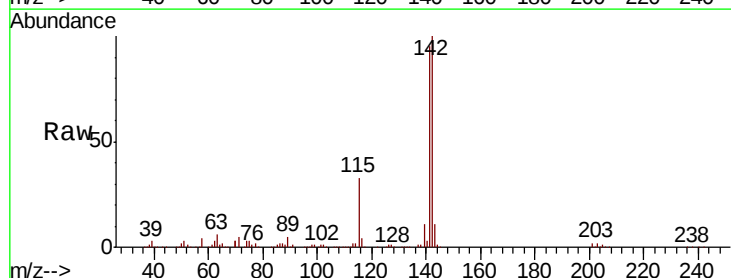
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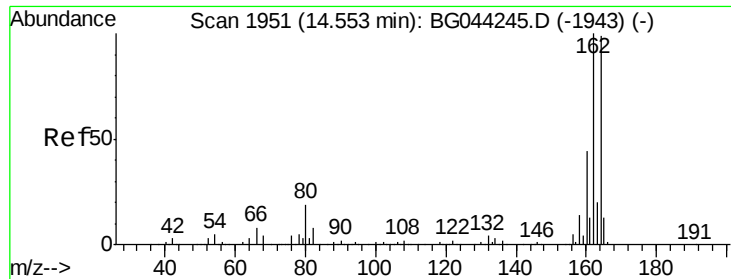
mohammad
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#38
1-Methylnaphthalene
Concen: 37.869 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.6
116	3.5	3.1	4.7





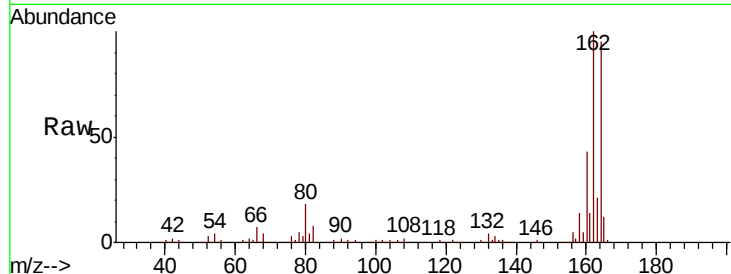
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampled :
PB126850BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.8	80.7	121.1	
160	45.1	35.3	52.9	

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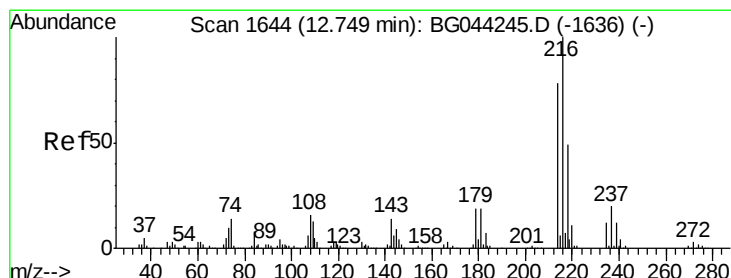
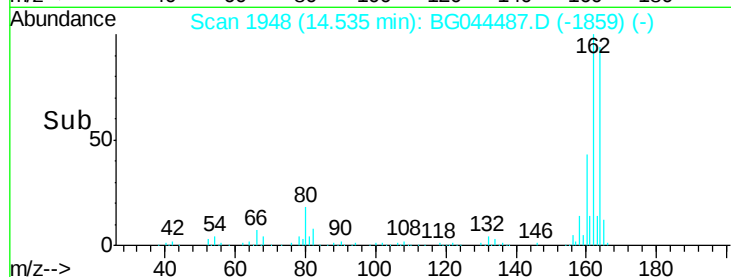
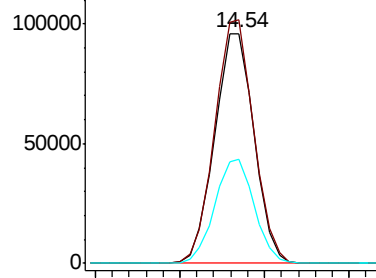


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.496 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.0	94.6	
179	20.1	16.2	24.4	
108	17.8	13.5	20.3	

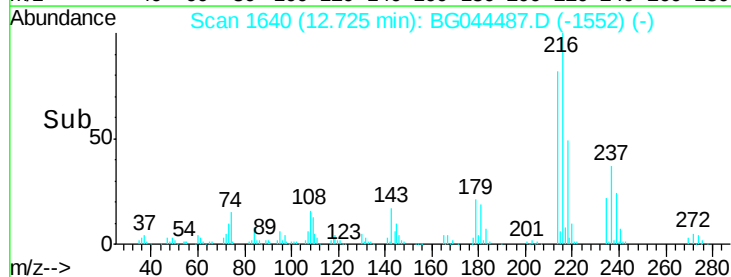
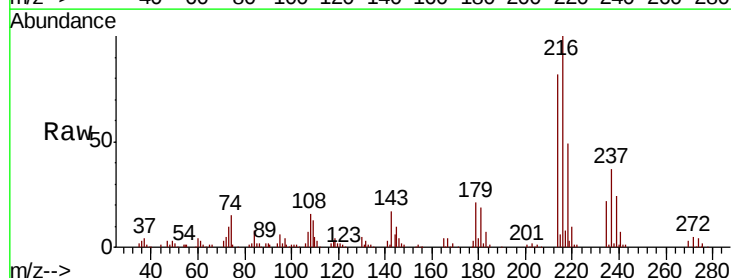
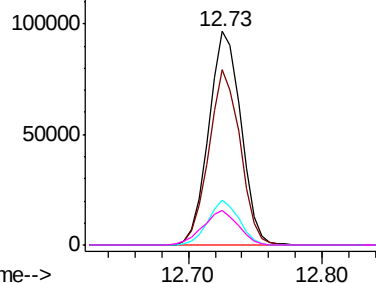
Abundance

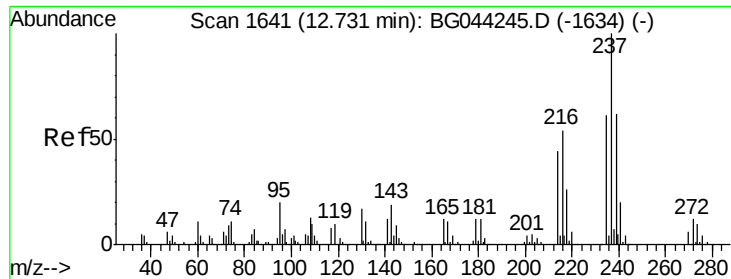
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 73.960 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

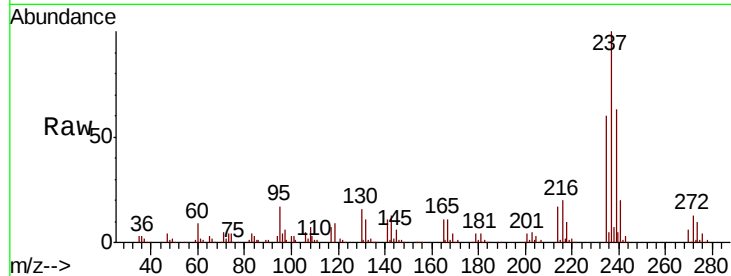
ClientSampleId :

PB126850BS

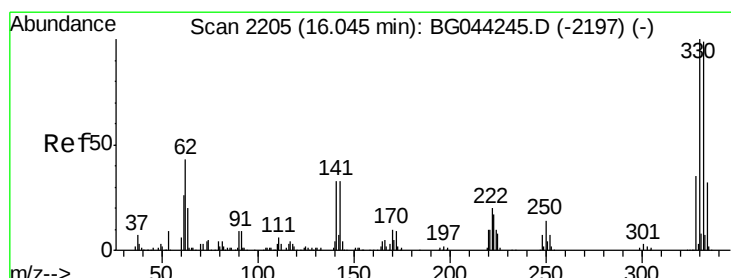
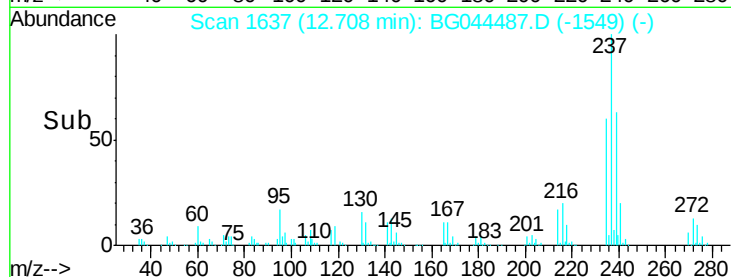
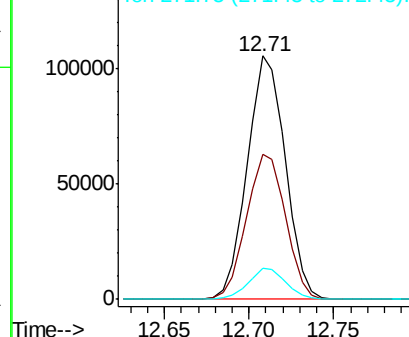
Tot Ion:	237	Resp:	165540
Ion Ratio	Lower	Upper	
237	100		
235	59.7	41.2	81.2
272	12.7	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 107.794 ng

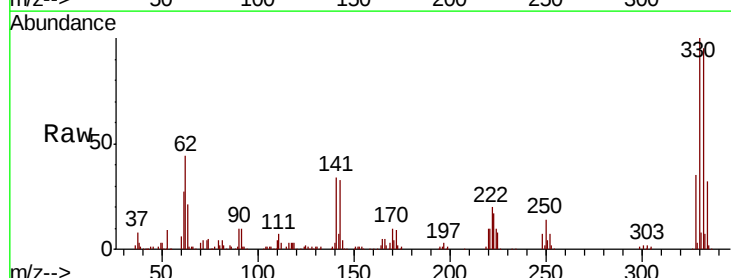
RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

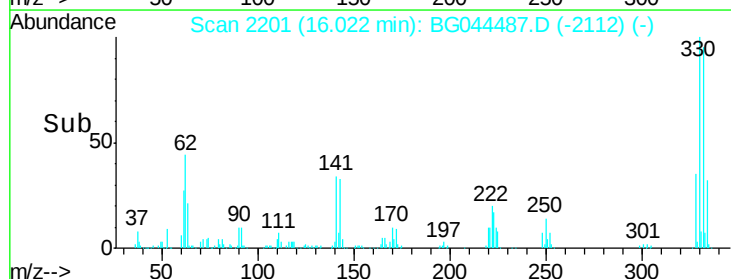
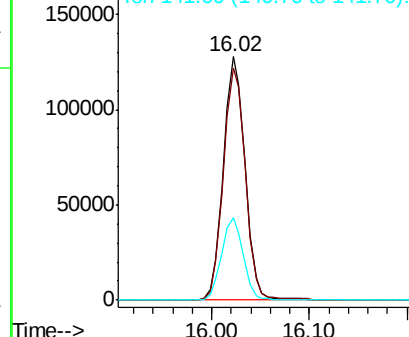
Lab File: BG044487.D

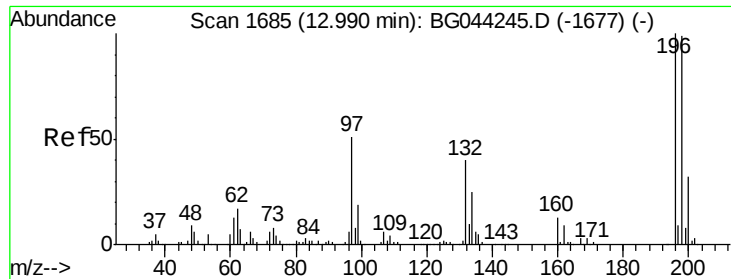
Acq: 19 Feb 2020 12:49

Tgt Ion:	330	Resp:	197332
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.2	115.8
141	33.7	28.3	42.5



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





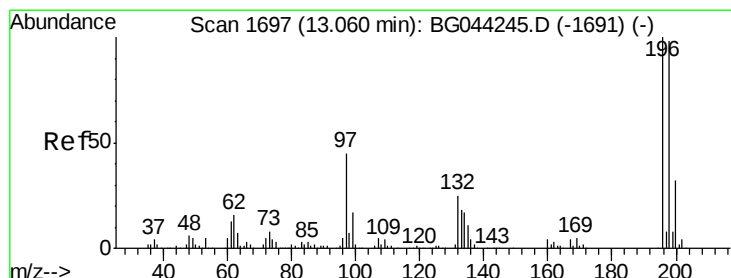
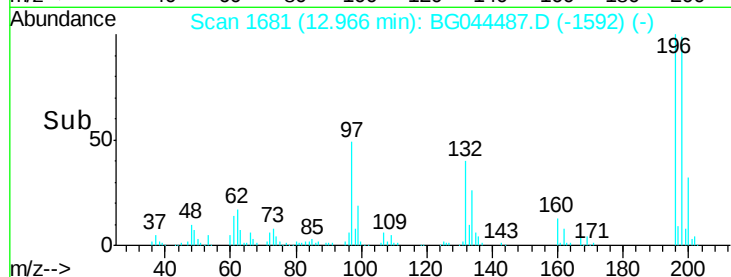
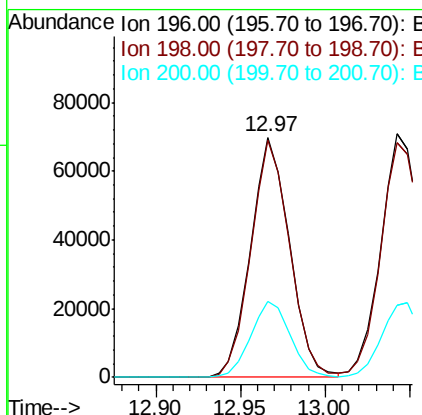
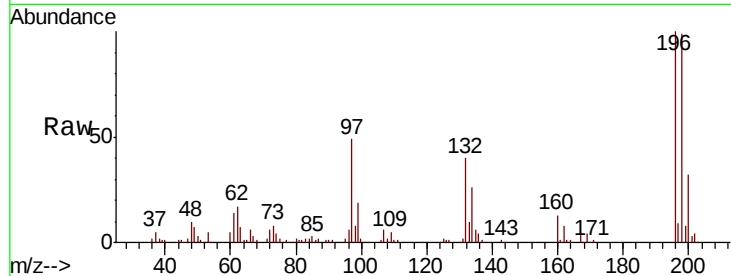
#43
 2,4,6-Trichlorophenol
 Concen: 36.995 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111545		
198	98.9	79.3	118.9	
200	31.7	25.7	38.5	

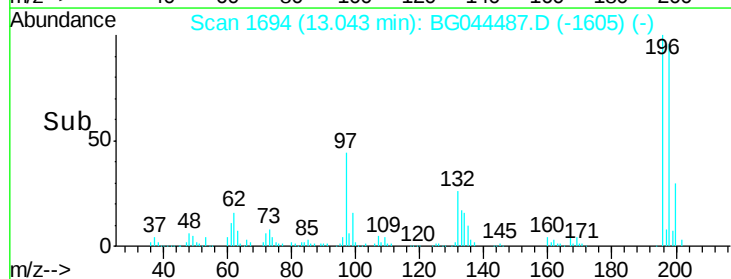
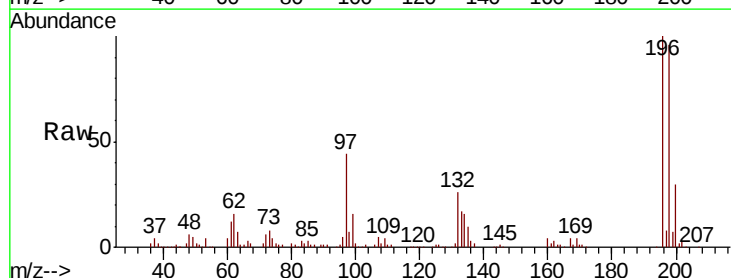
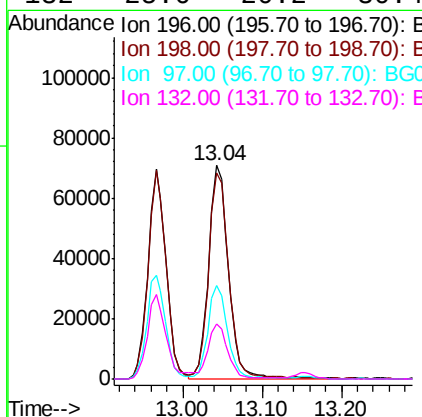
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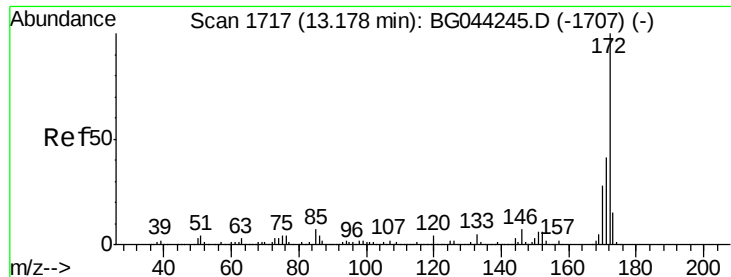
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#44
 2,4,5-Trichlorophenol
 Concen: 39.978 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	123117		
198	96.3	78.2	117.2	
97	43.7	36.2	54.4	
132	25.6	20.2	30.4	





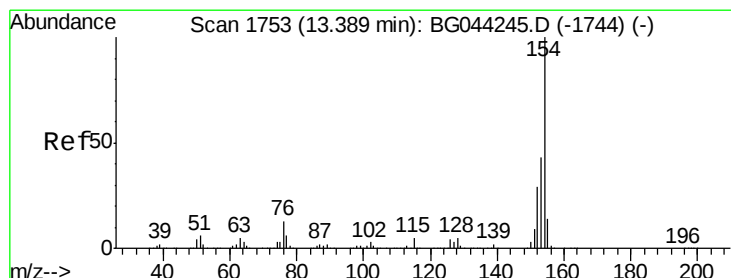
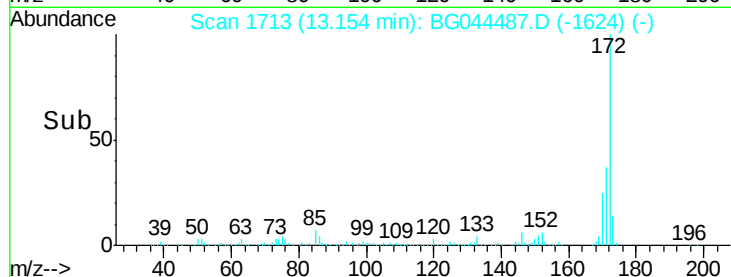
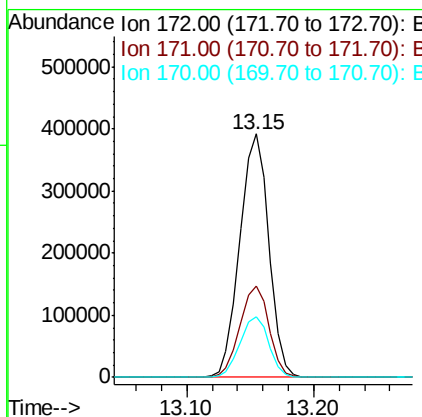
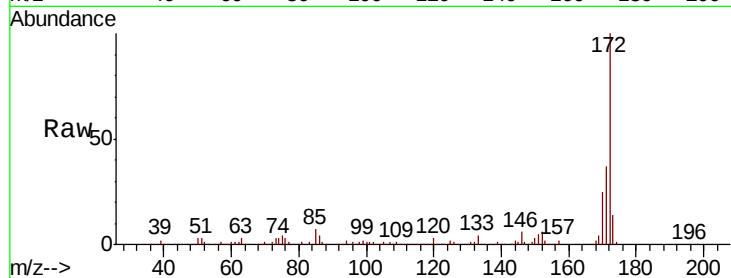
#45
2-Fluorobiphenyl
Concen: 66.548 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.9	49.3
170	24.8	22.0	33.0

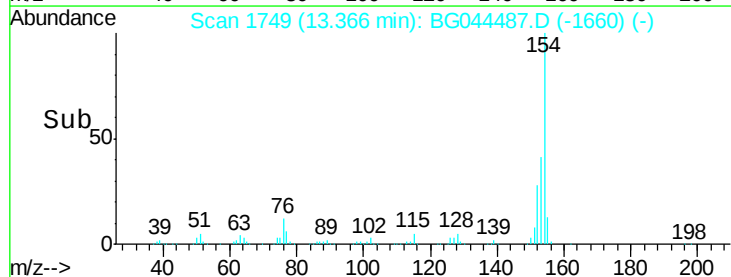
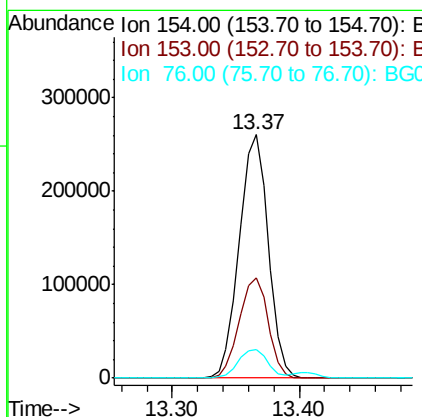
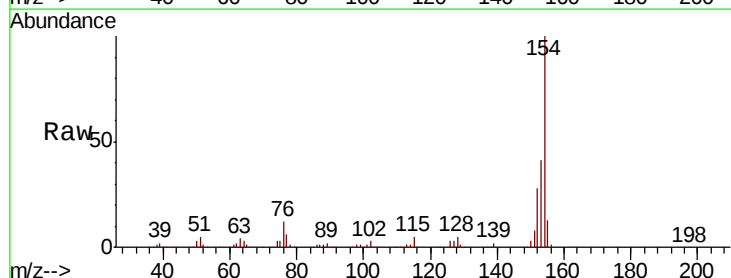
Manual Integrations
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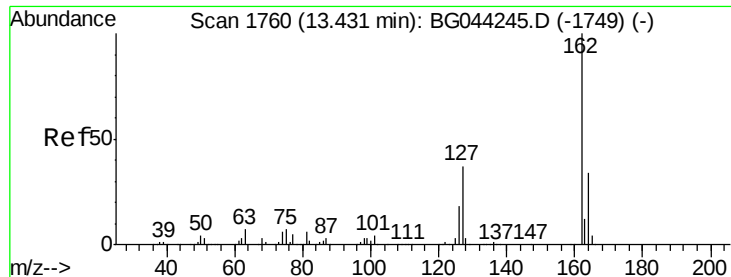
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#46
1,1'-Biphenyl
Concen: 36.747 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.7	62.7
76	11.7	0.0	32.9





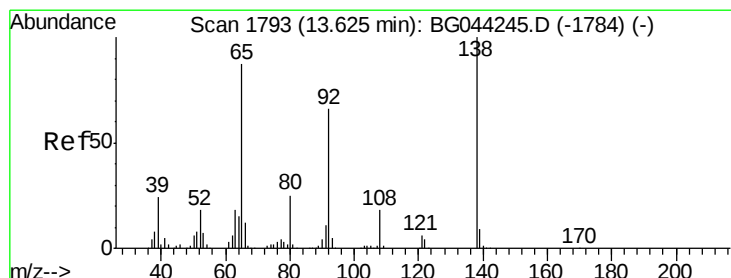
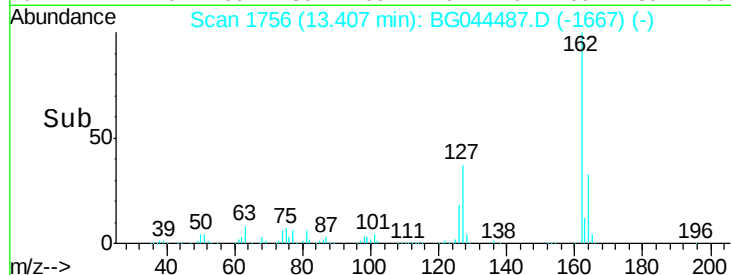
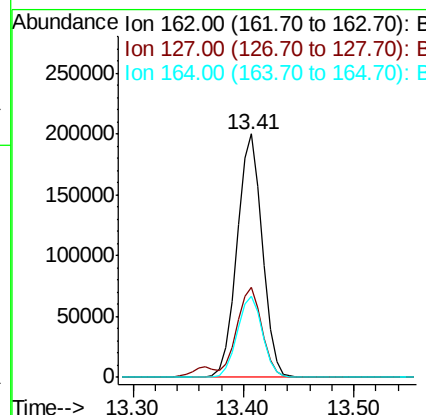
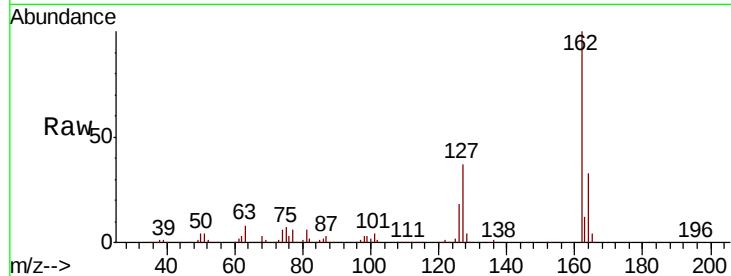
#47
2-Chloronaphthalene
Concen: 35.785 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.0	30.0	45.0	
164	33.5	27.2	40.8	

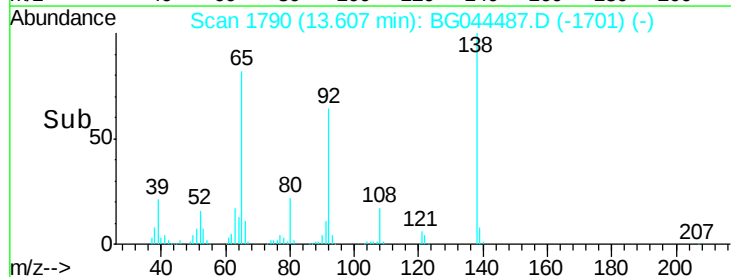
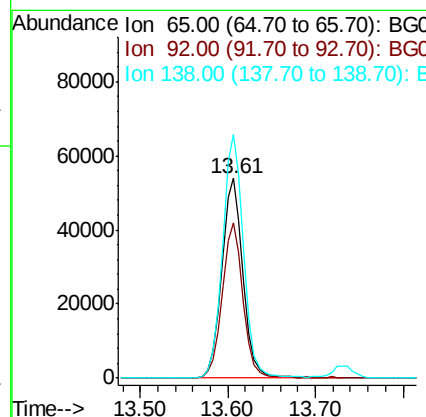
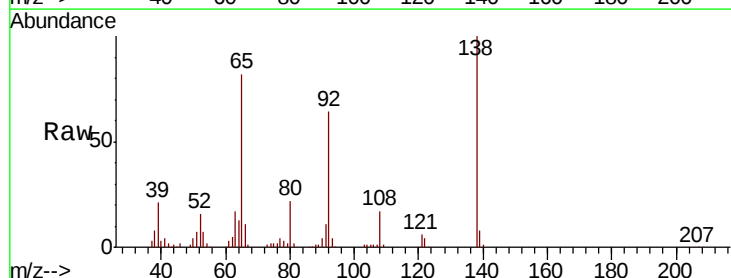
Manual Integrations
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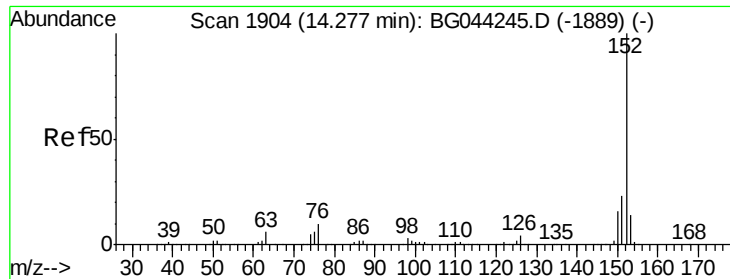
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#48
2-Nitroaniline
Concen: 34.369 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	77.6	60.3	90.5	
138	122.0	91.9	137.9	





#49

Acenaphthylene

Concen: 39.483 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

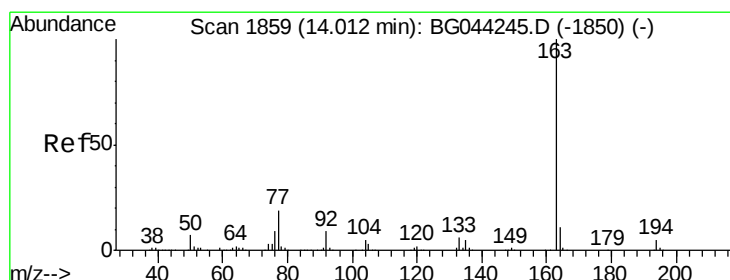
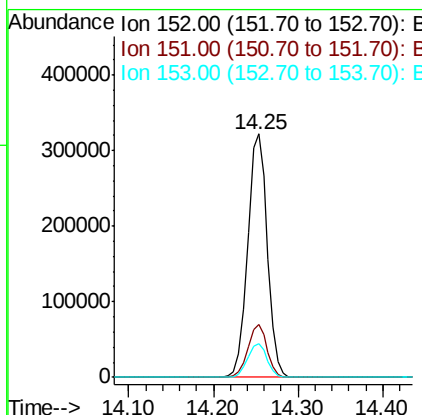
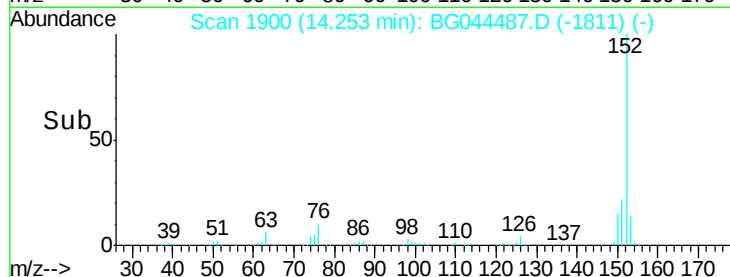
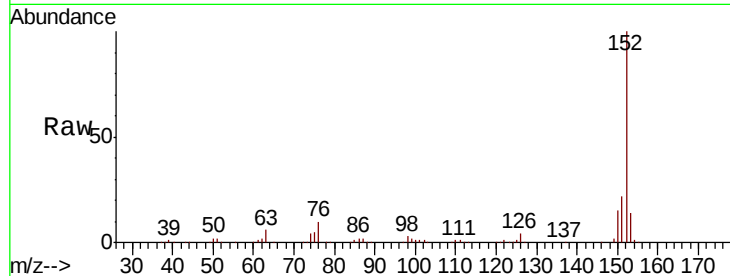
ClientSampleId :

PB126850BS

Tot Ion:	152	Resp:	518340
Ion Ratio	Lower	Upper	
152	100		
151	21.9	18.1	27.1
153	14.0	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 36.730 ng

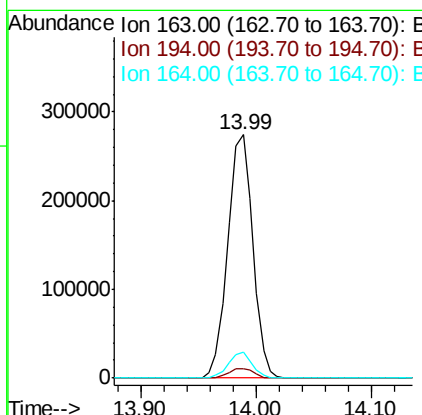
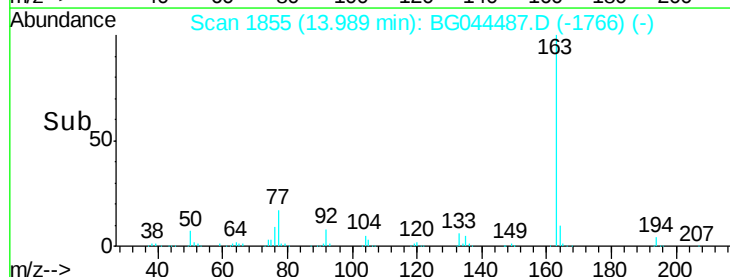
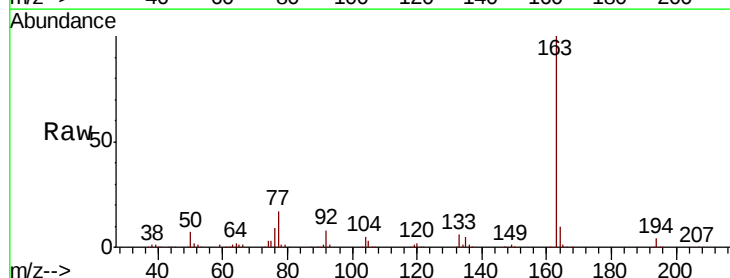
RT: 13.99 min Scan# 1855

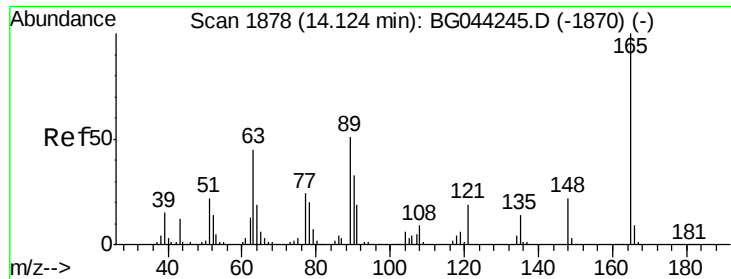
Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	163	Resp:	411723
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.4	8.7	13.1





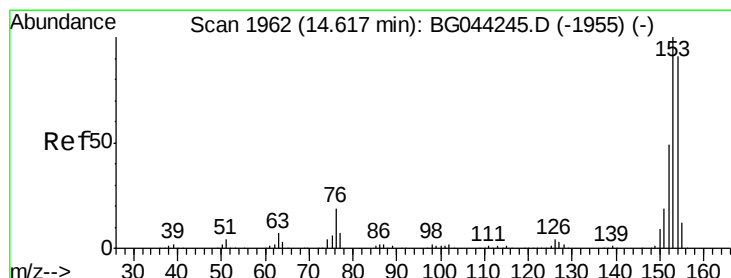
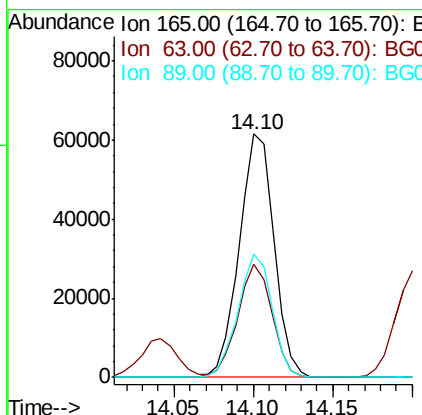
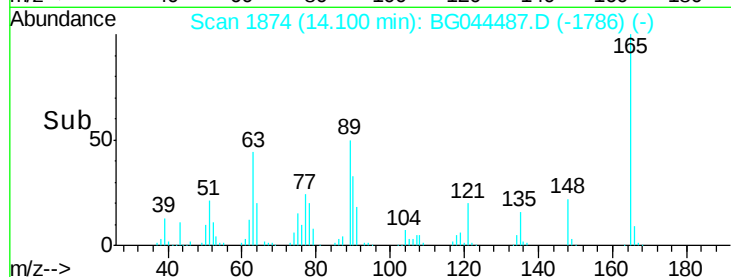
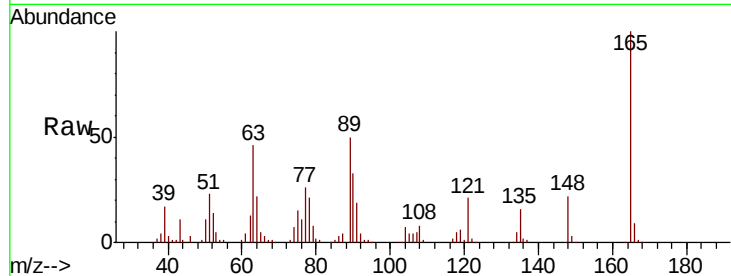
#51
 2,6-Dinitrotoluene
 Concen: 37.436 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	38.7	58.1
89	50.4	40.4	60.6

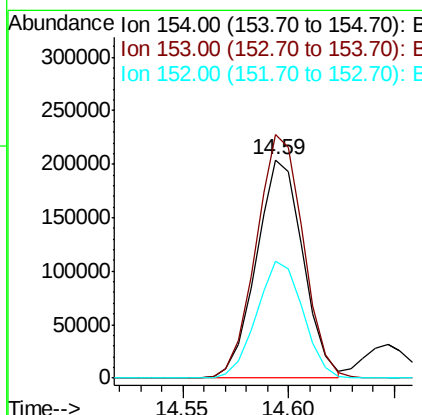
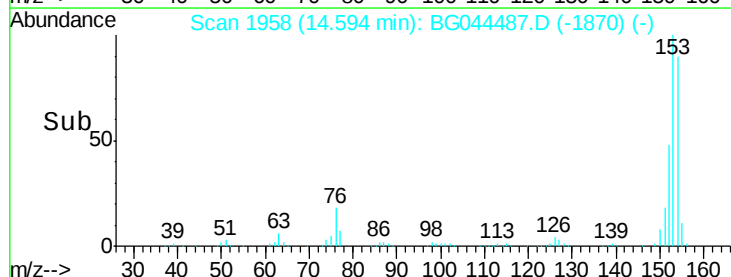
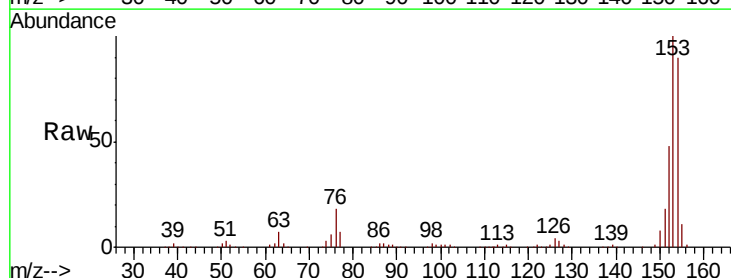
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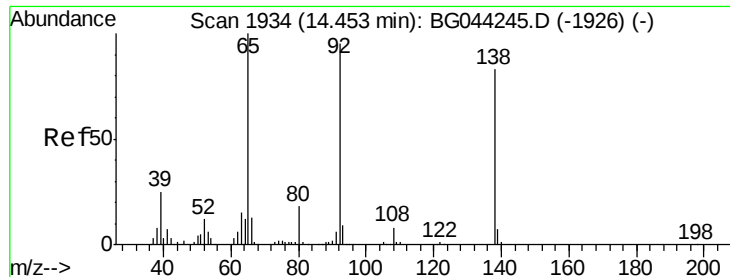
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#52
 Acenaphthene
 Concen: 36.842 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.9	131.9
152	53.3	43.1	64.7





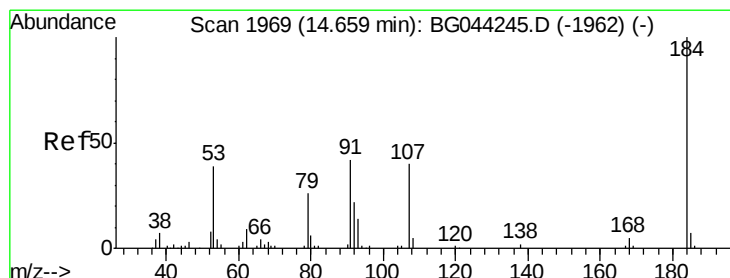
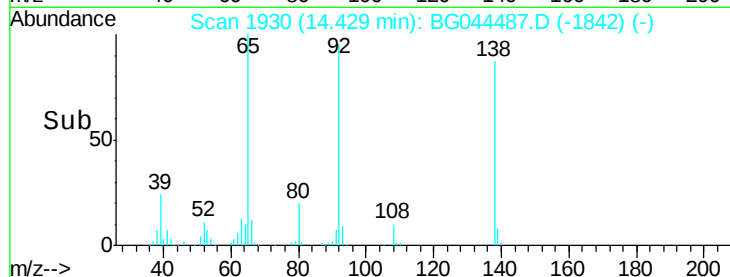
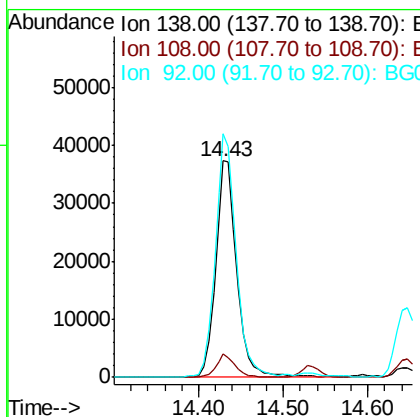
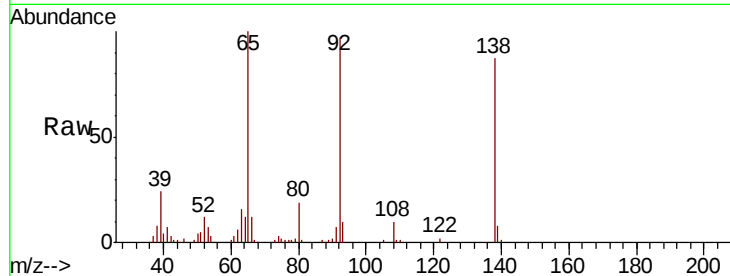
#53
 3-Nitroaniline
 Concen: 23.561 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.9	11.9
92	112.5	91.0	136.4

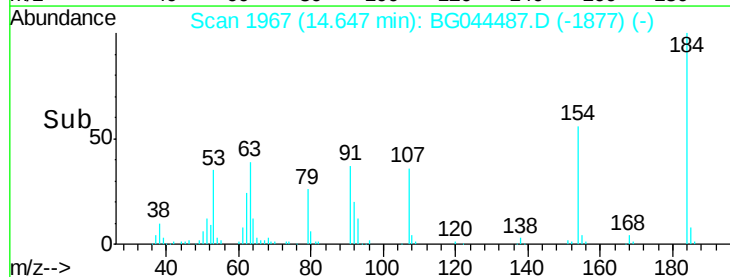
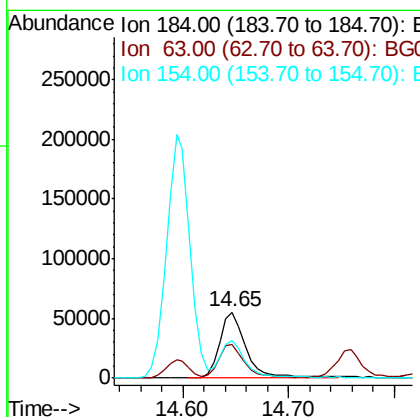
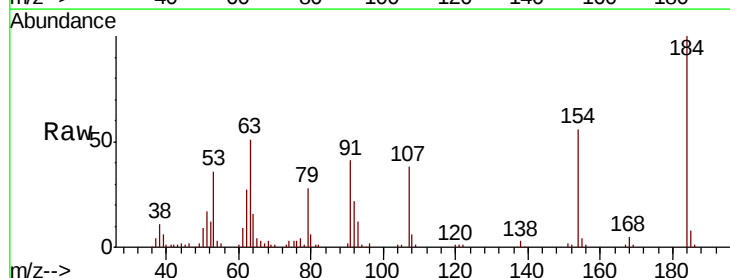
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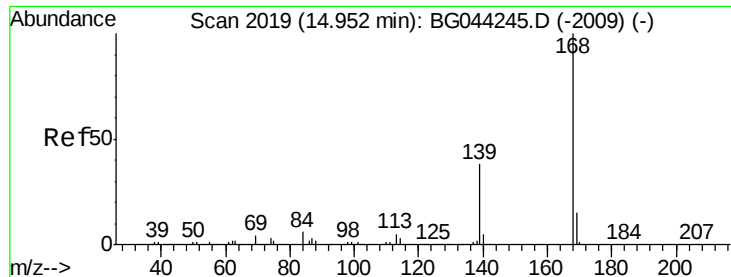
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#54
 2,4-Dinitrophenol
 Concen: 66.843 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.1	44.1	66.1
154	56.0	45.4	68.0





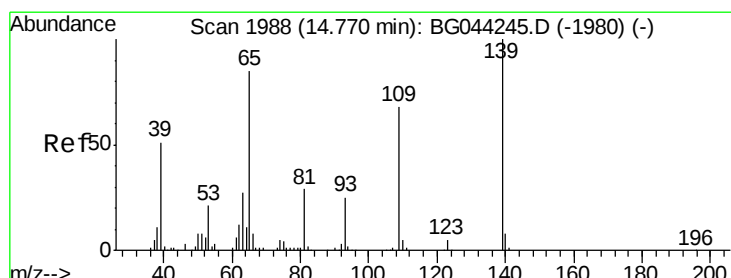
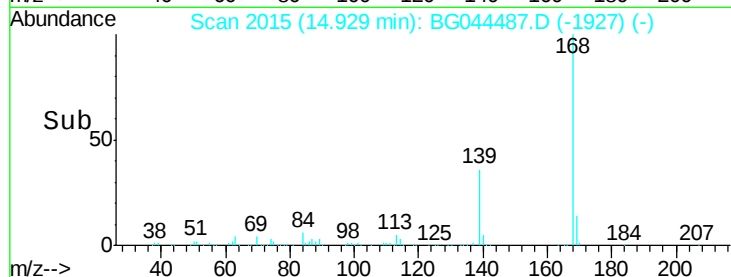
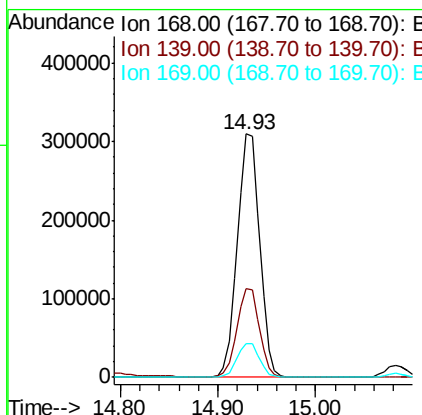
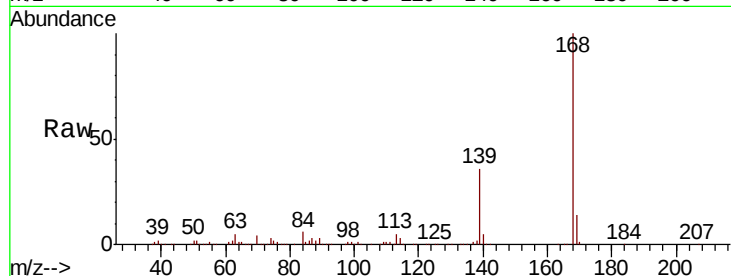
#55
Dibenzenofuran
Concen: 38.326 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.5	45.7
169	14.1	11.7	17.5

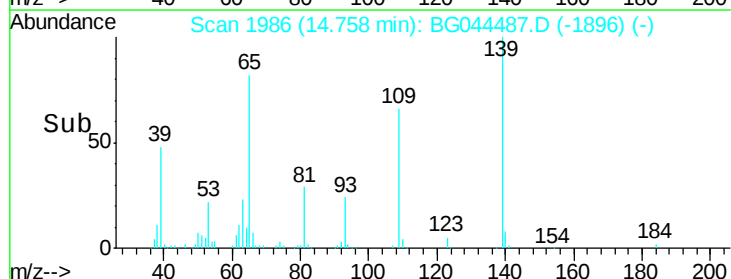
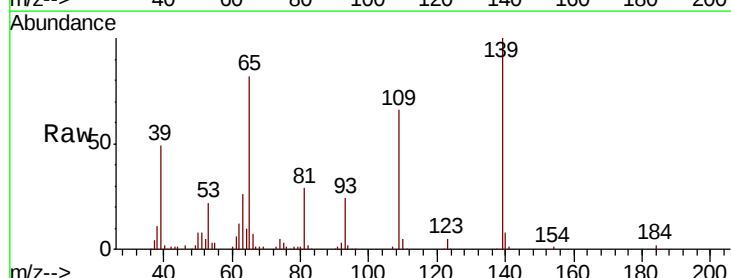
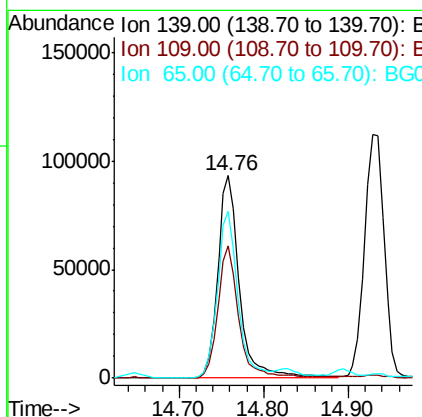
Manual Integrations
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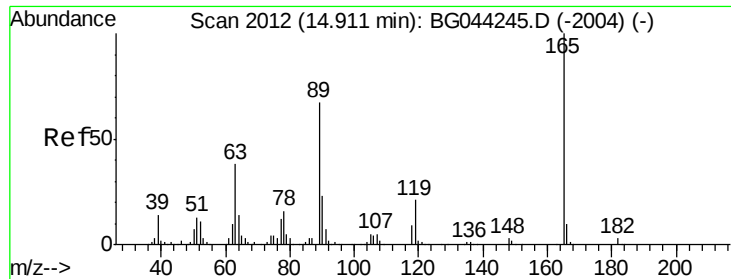
mohammad
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#56
4-Nitrophenol
Concen: 82.893 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.6	47.5	87.5
65	82.2	64.9	104.9





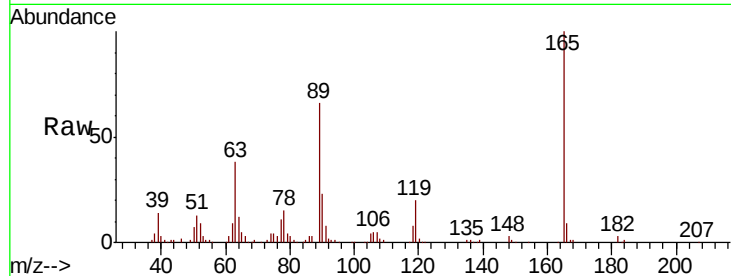
#57
2,4-Dinitrotoluene
Concen: 37.321 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	37.5	30.3	45.5
89	65.7	53.4	80.2
182	2.9	2.1	3.1

Manual Integrations
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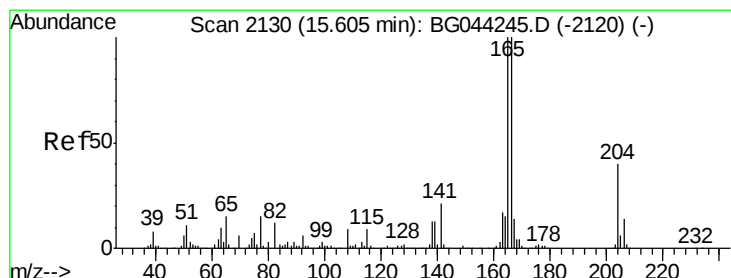
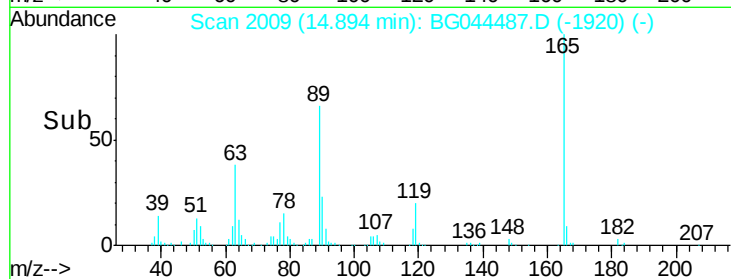
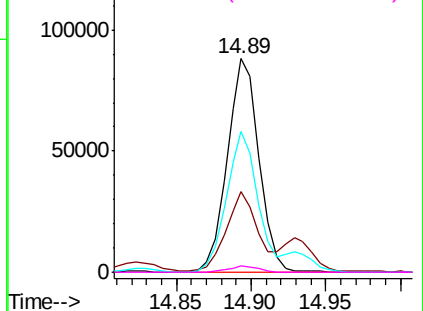


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



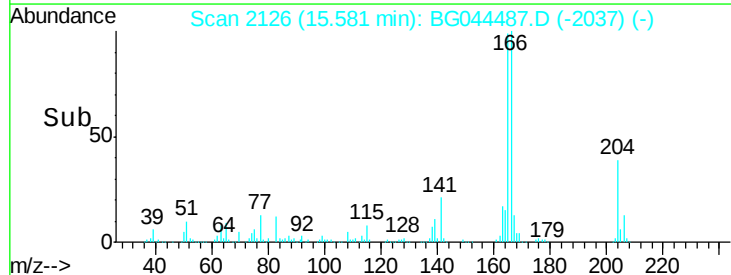
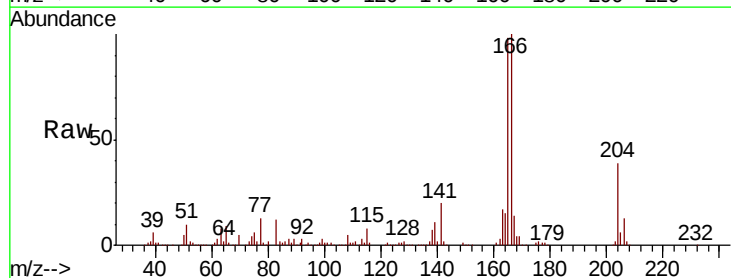
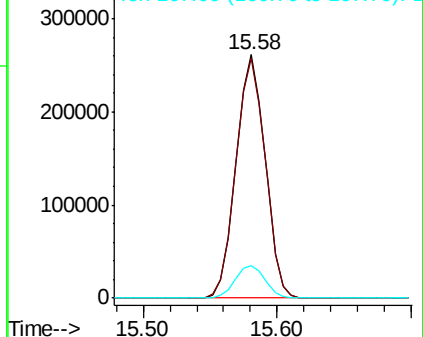
#58
Fluorene
Concen: 38.854 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

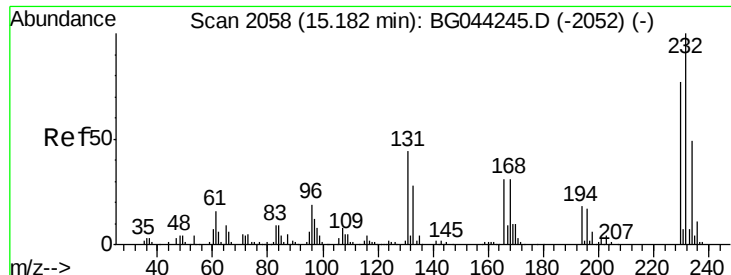
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	79.9	119.9
167	13.5	11.4	17.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





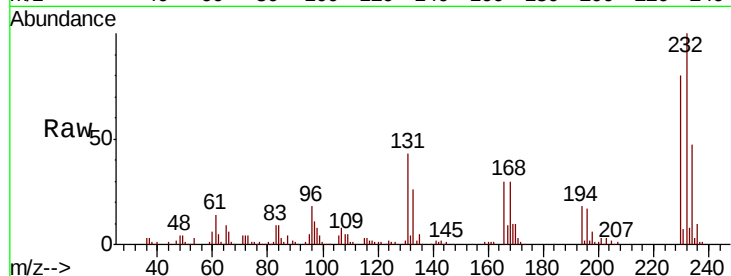
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.322 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	106602		
131	41.8		34.2	51.4
130	2.3		1.8	2.8
166	31.3		23.8	35.8

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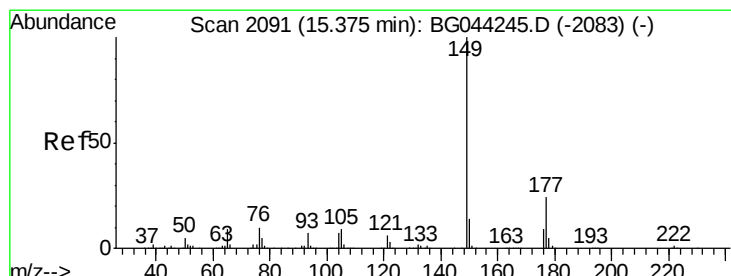
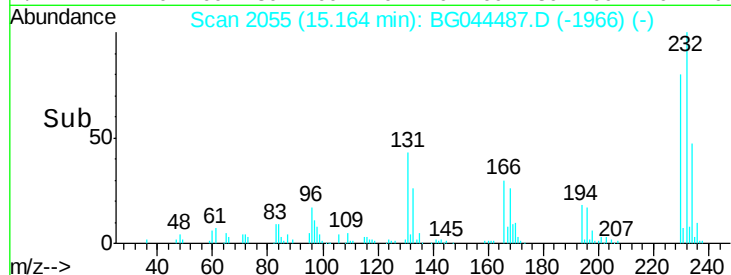
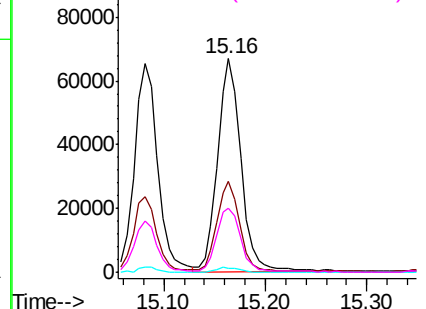
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

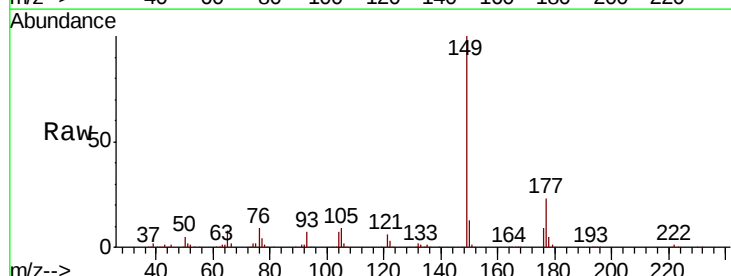
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.186 ng
RT: 15.35 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	415347		
177	23.2		19.4	29.0
150	12.9		10.9	16.3

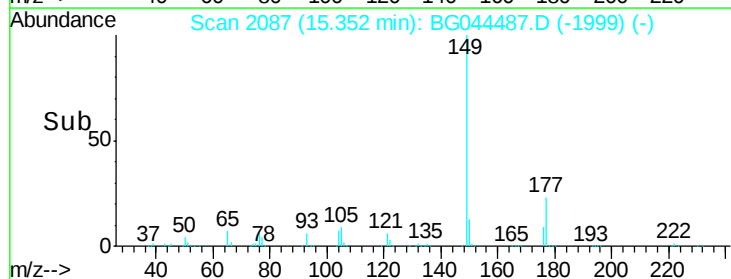
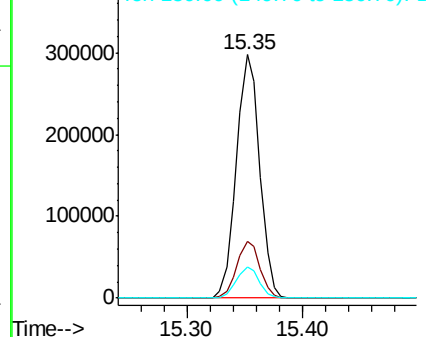


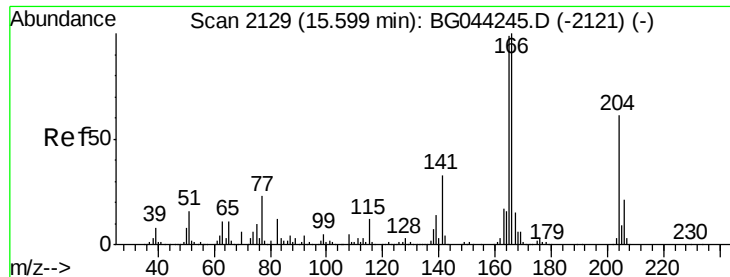
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





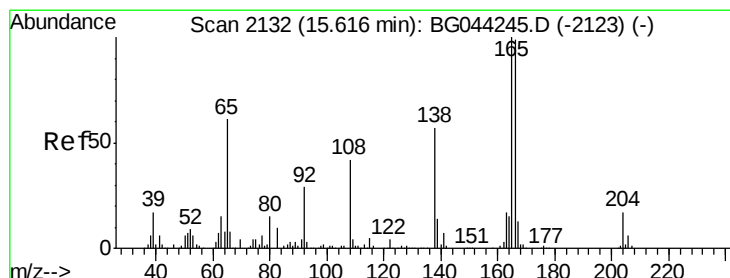
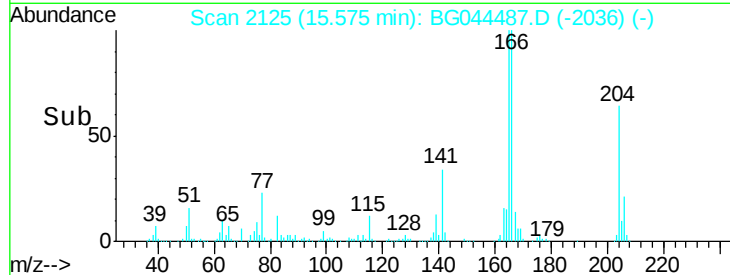
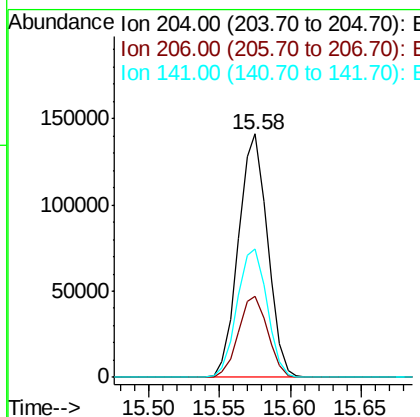
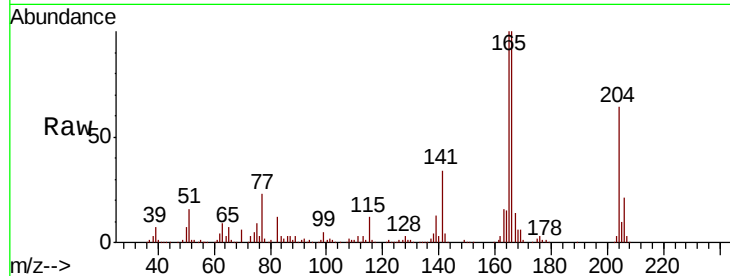
#61
4-Chlorophenyl-phenylether
Concen: 36.958 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	203344		
206	33.3	27.6	41.4	
141	52.9	43.4	65.0	

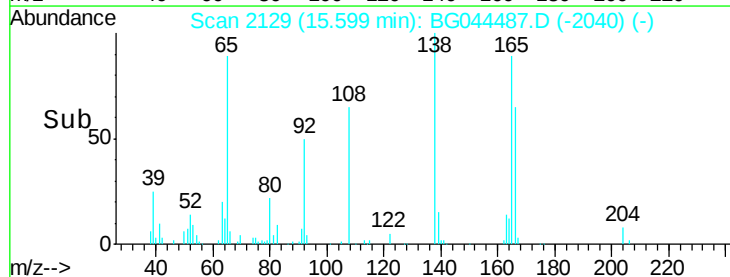
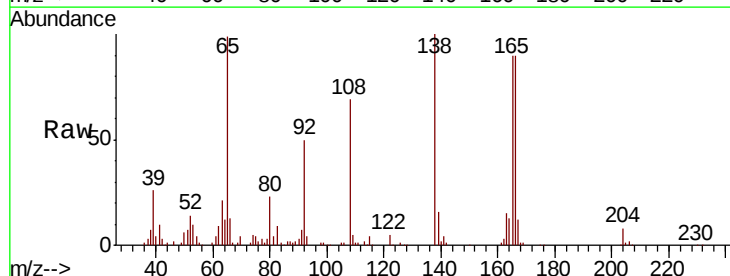
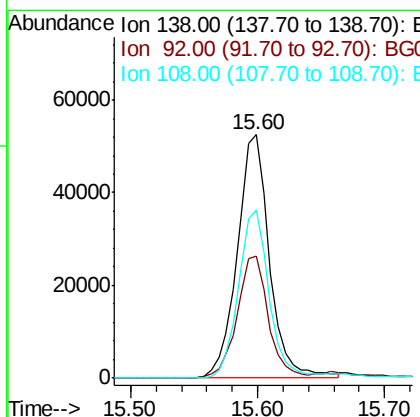
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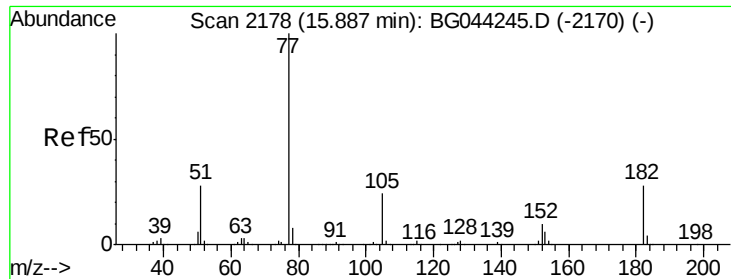
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#62
4-Nitroaniline
Concen: 33.460 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	92451		
92	50.0	31.3	71.3	
108	68.8	52.6	92.6	





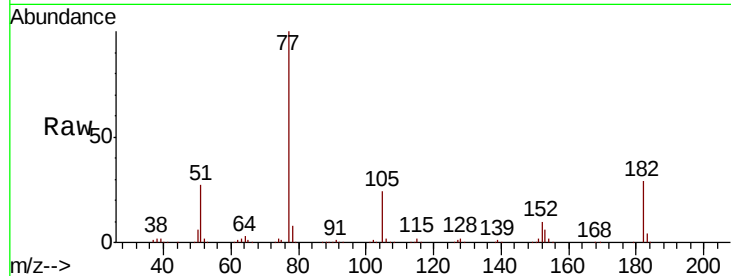
#63
Azobenzene
Concen: 37.264 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

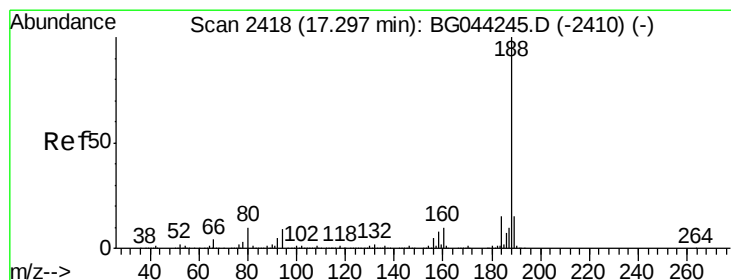
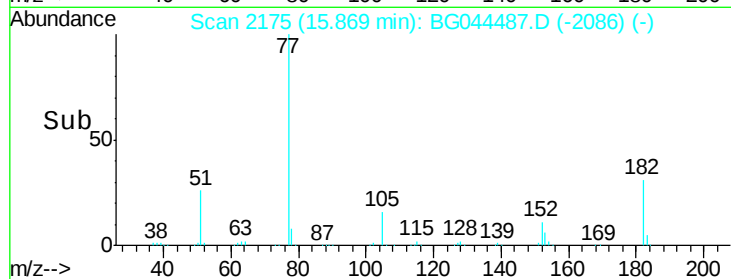
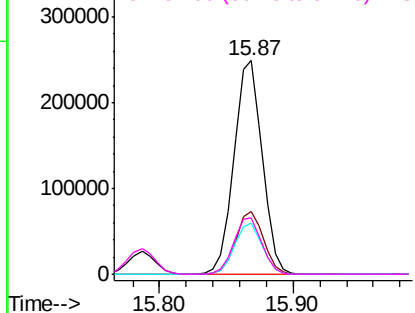
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.2	48.2
105	23.7	3.6	43.6
51	26.7	8.3	48.3

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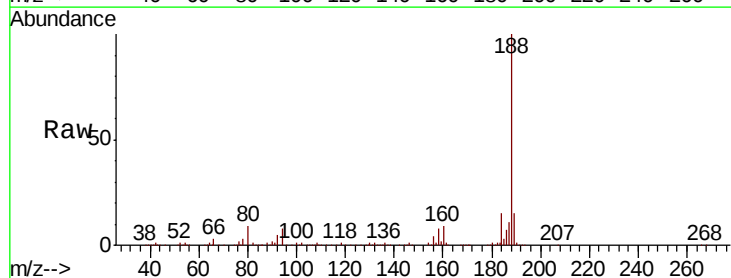


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

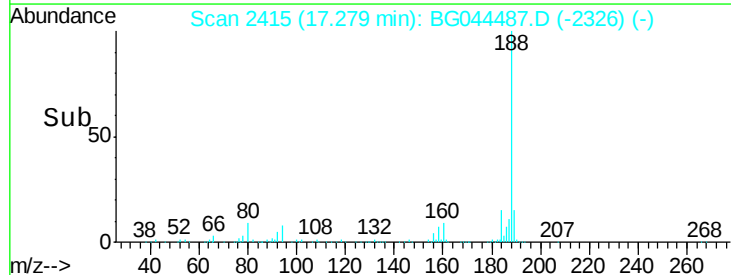
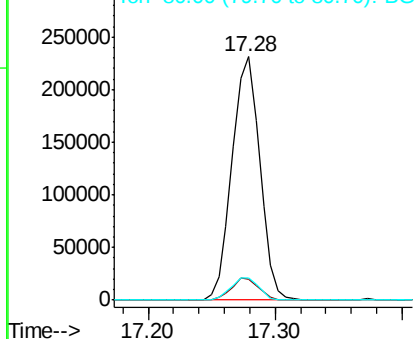


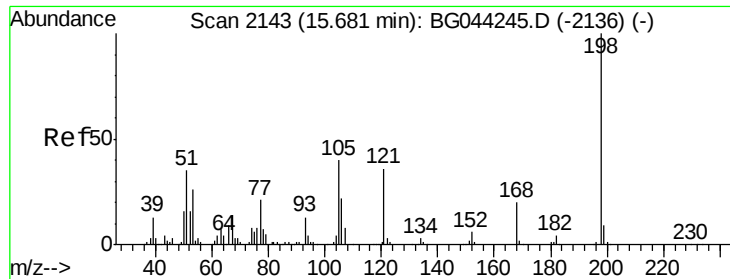
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	9.0	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





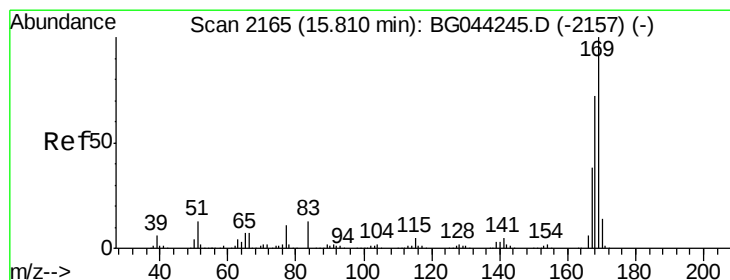
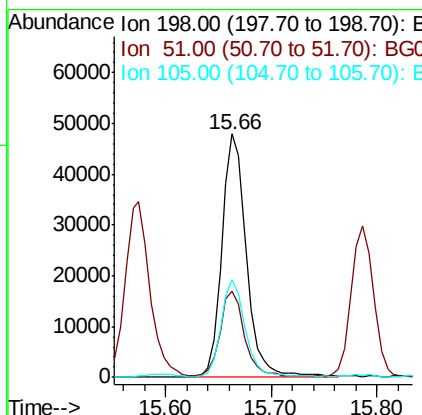
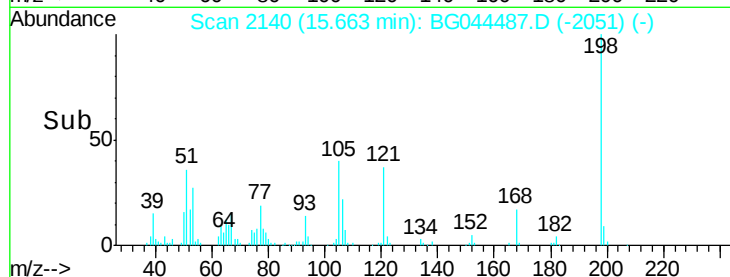
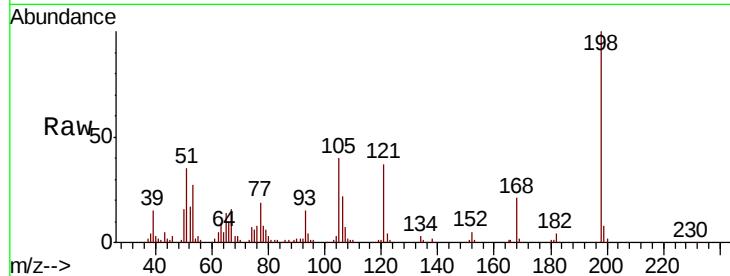
#65
4,6-Dinitro-2-methylphenol
Concen: 39.882 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.4	16.6	56.6
105	40.1	20.6	60.6

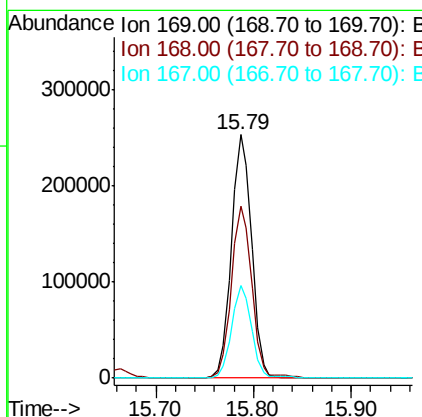
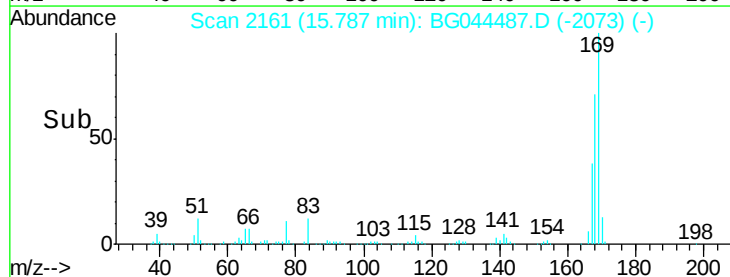
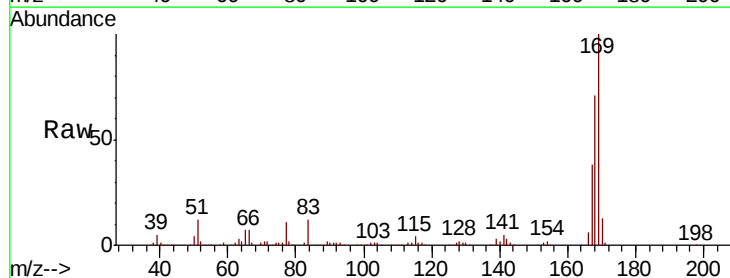
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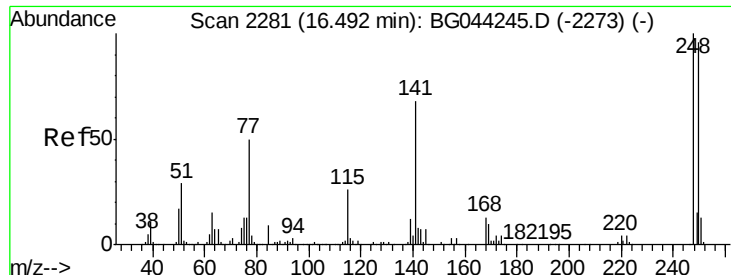
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#66
n-Nitrosodiphenylamine
Concen: 36.779 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.8	57.9	86.9
167	37.9	30.7	46.1





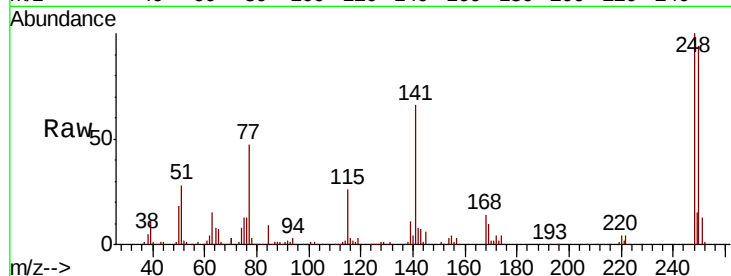
#67
 4-Bromophenyl-phenylether
 Concen: 34.832 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.6	76.6	114.8
141	65.5	54.7	82.1

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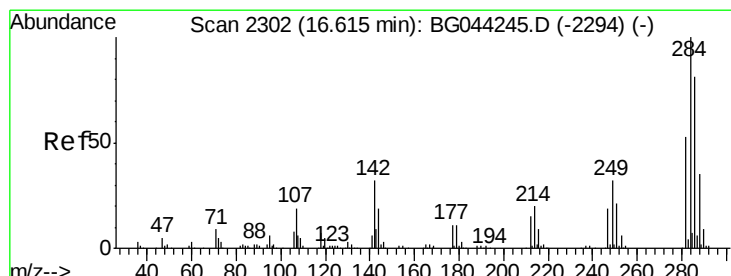
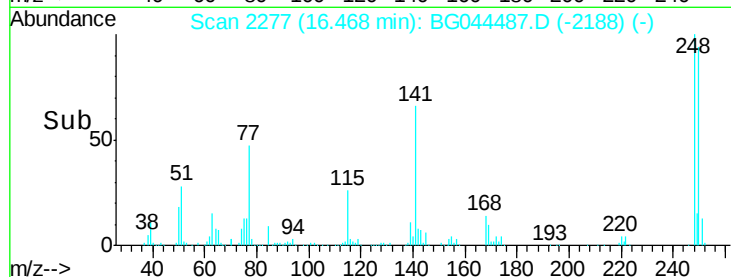
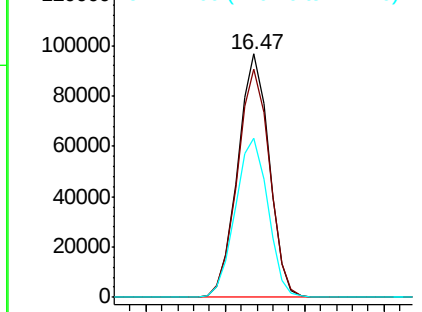


Abundance

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: 35.005 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

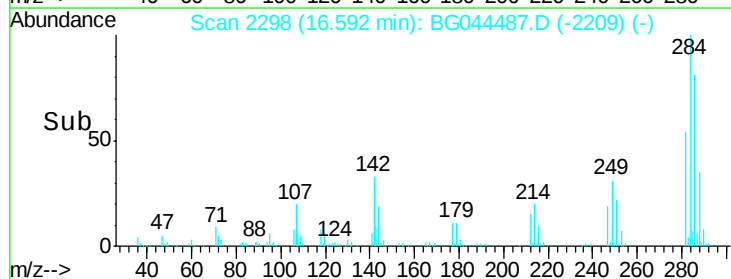
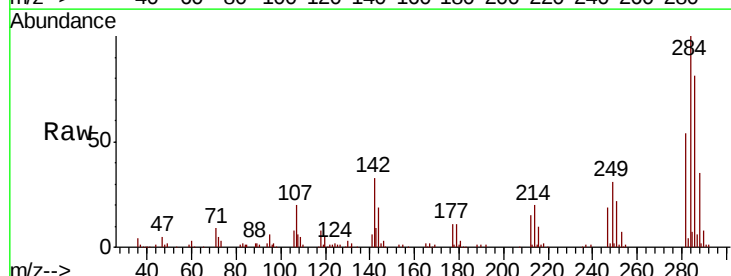
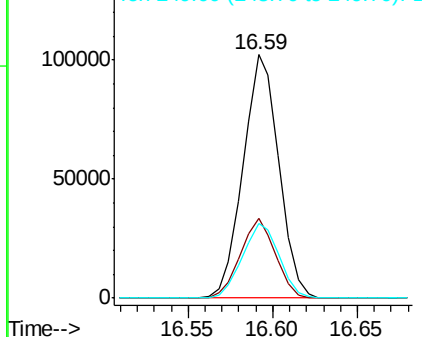
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.3	37.9
249	30.6	25.5	38.3

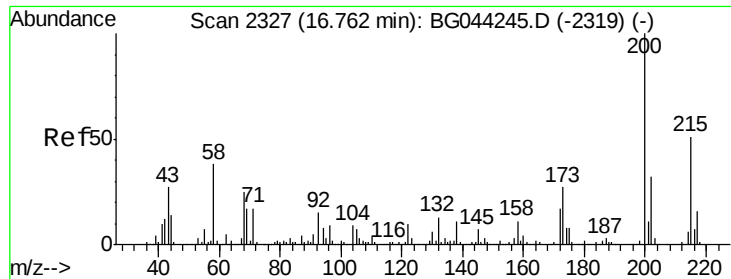
Abundance

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: 41.923 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

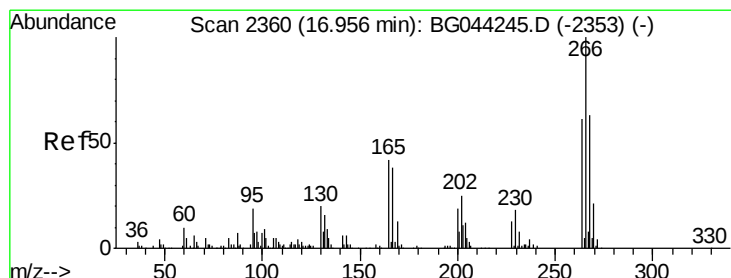
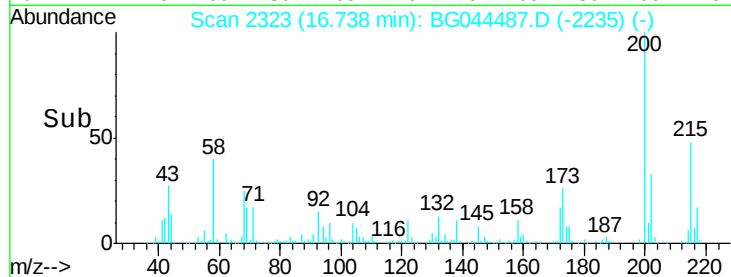
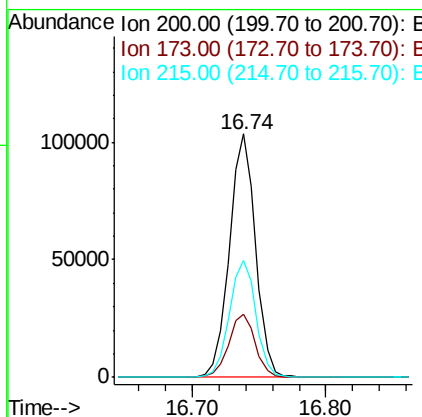
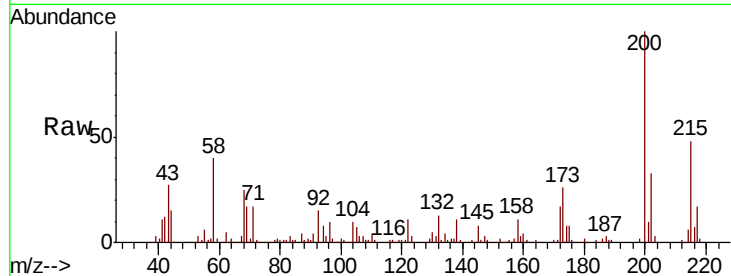
ClientSampled :

PB126850BS

Tot Ion:	200	Resp:	141436
Ion Ratio	Lower	Upper	
200	100		
173	25.8	6.6	46.6
215	48.1	31.0	71.0

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#70

Pentachlorophenol

Concen: 68.974 ng

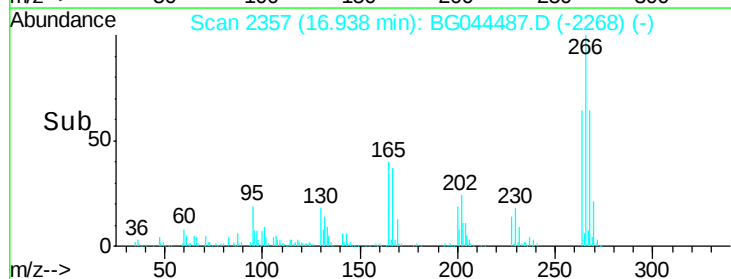
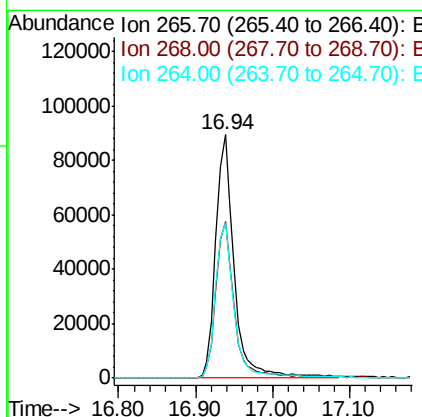
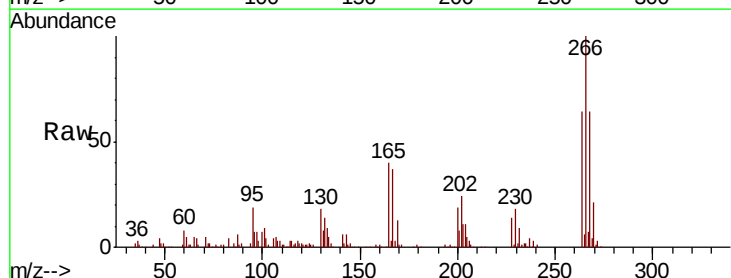
RT: 16.94 min Scan# 2357

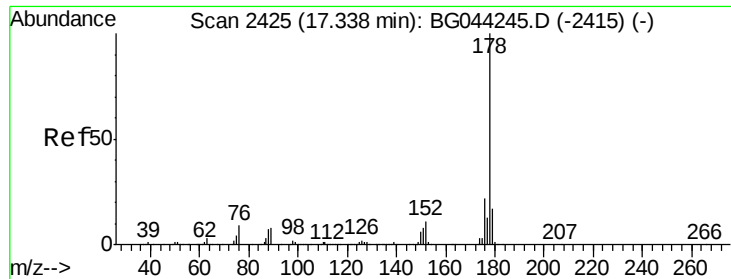
Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	266	Resp:	148553
Ion Ratio	Lower	Upper	
266	100		
268	64.2	50.6	75.8
264	63.9	48.7	73.1





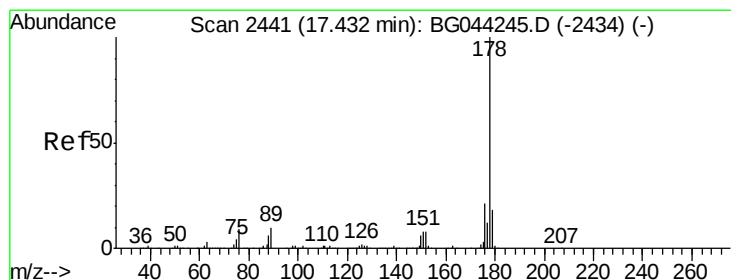
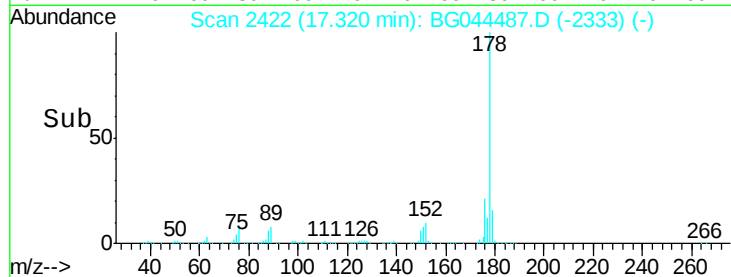
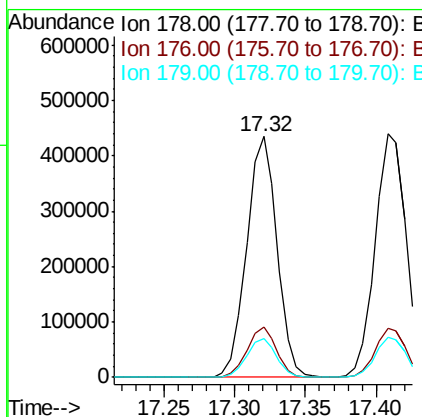
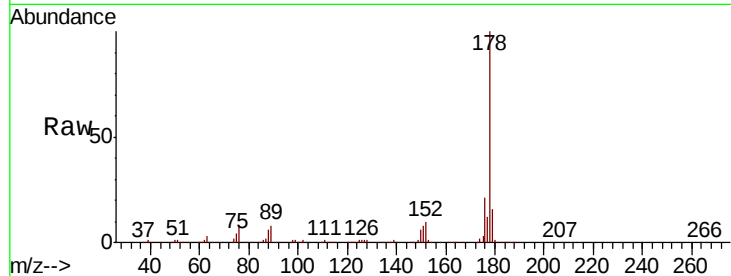
#71
Phenanthrene
Concen: 38.538 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	16.3	13.7	20.5

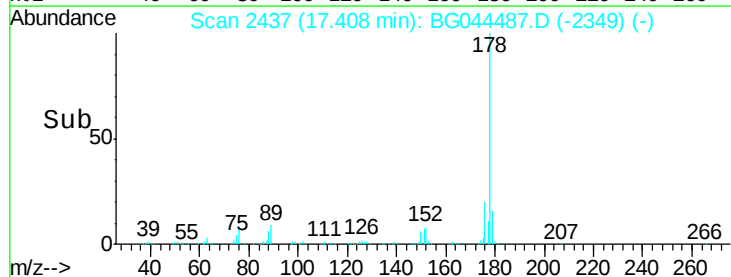
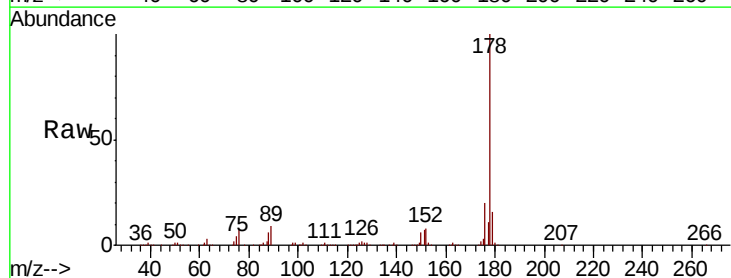
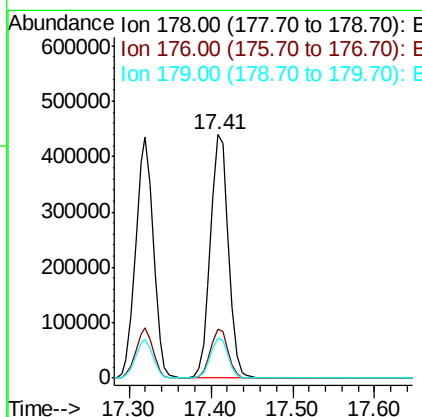
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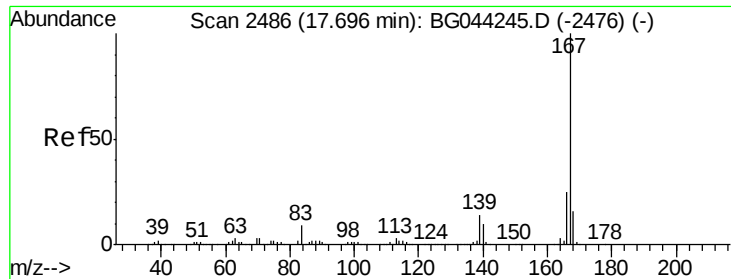
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#72
Anthracene
Concen: 40.129 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.0	25.4
179	16.4	14.4	21.6





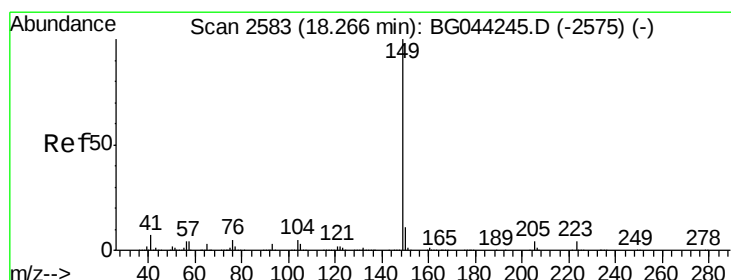
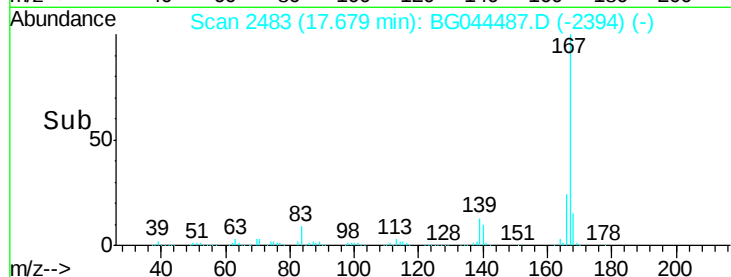
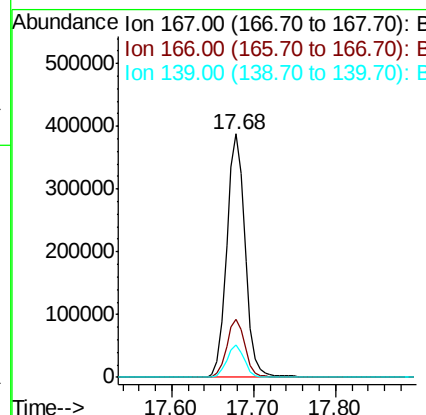
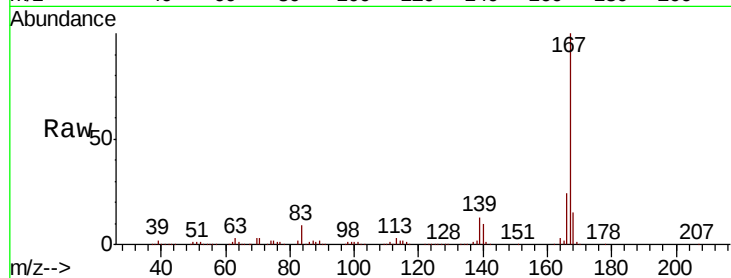
#73
 Carbazole
 Concen: 39.131 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	24.0	19.8	29.6		
139	13.3	11.1	16.7		

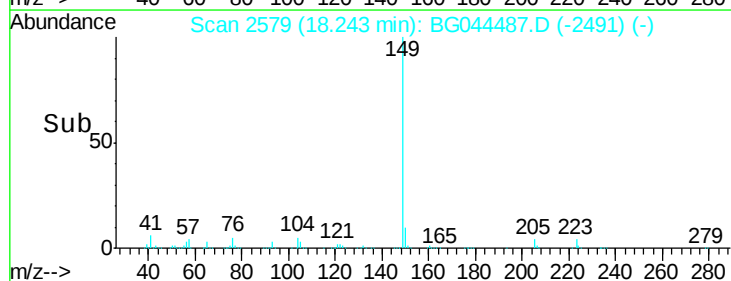
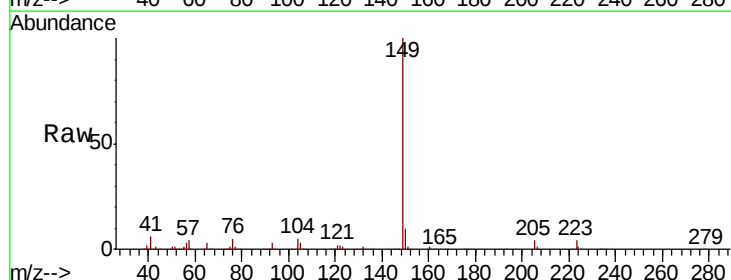
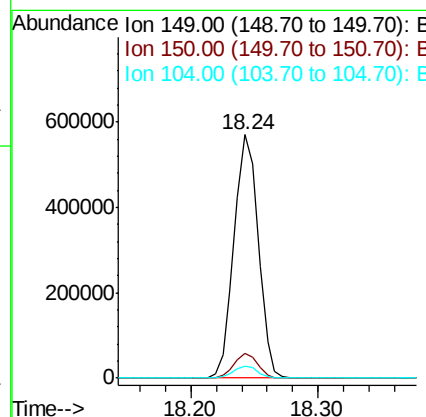
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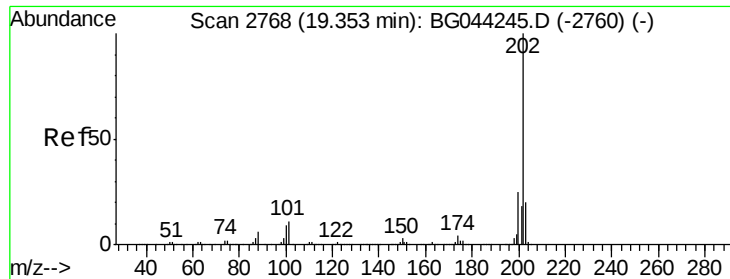
mohammad
 2/20/2020 3:11:33 PM



#74
 Di-n-butylphthalate
 Concen: 39.346 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	10.0	8.7	13.1		
104	4.9	4.3	6.5		





#75

Fluoranthene

Concen: 40.209 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

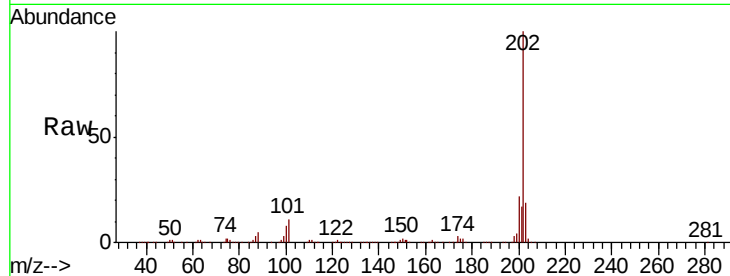
ClientSampleId :

PB126850BS

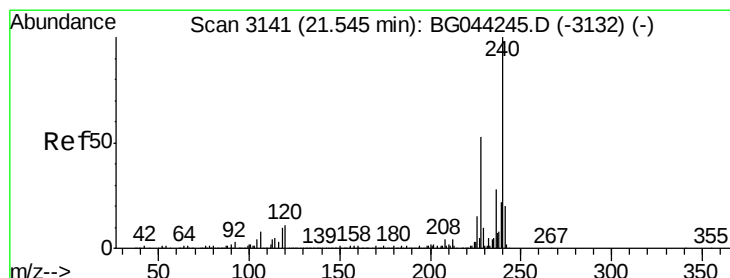
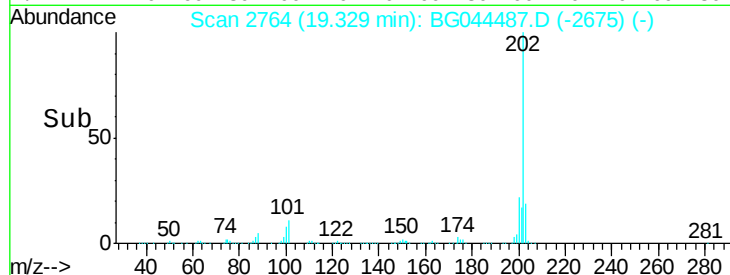
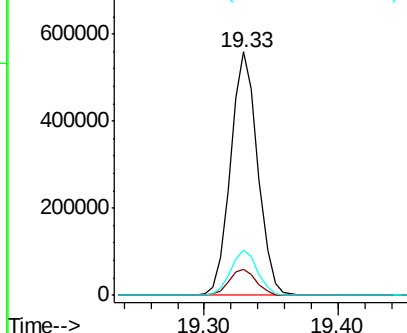
Tot Ion	Ratio	Resp	Lower	Upper
202	100	791104		
101	10.9	0.0	31.3	
203	18.7	0.0	39.9	

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



#76

Chrysene-d12

Concen: 20.000 ng

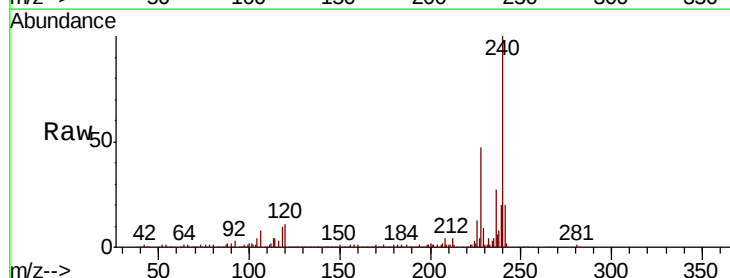
RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

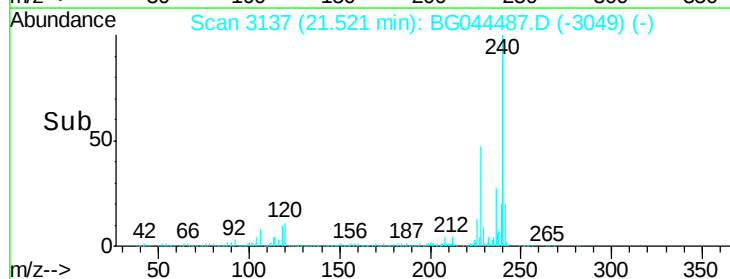
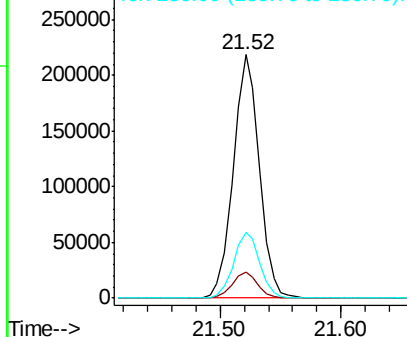
Lab File: BG044487.D

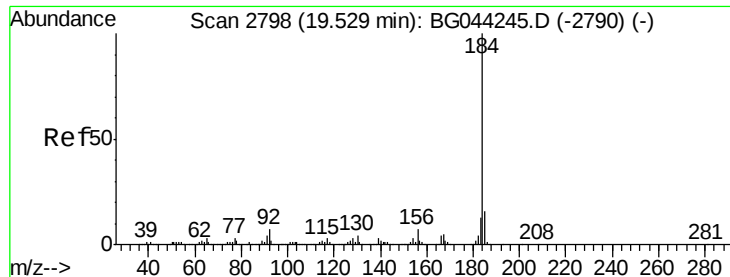
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	327037		
120	10.7	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: 34.149 ng

RT: 19.51 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

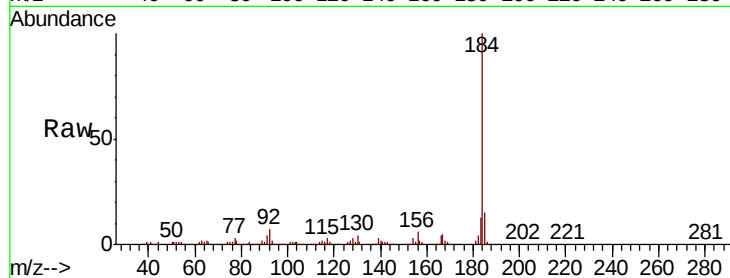
ClientSampleId :

PB126850BS

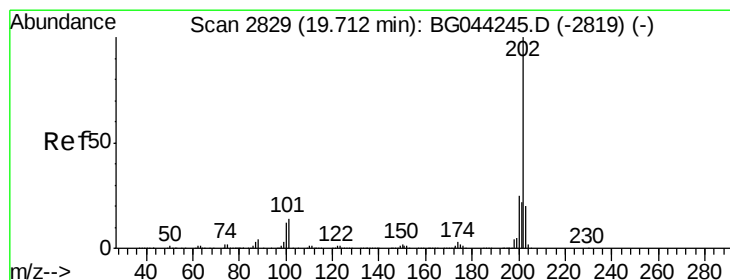
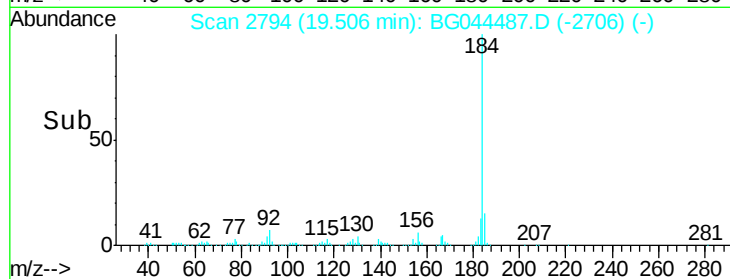
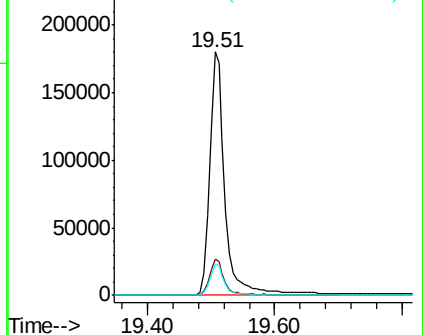
Tot Ion:	184	Resp:	309776
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.9	19.3
183	12.7	10.8	16.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.996 ng

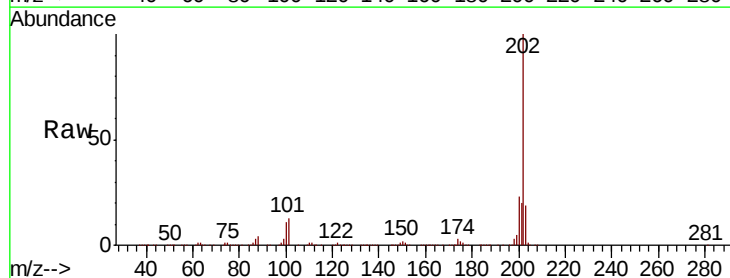
RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

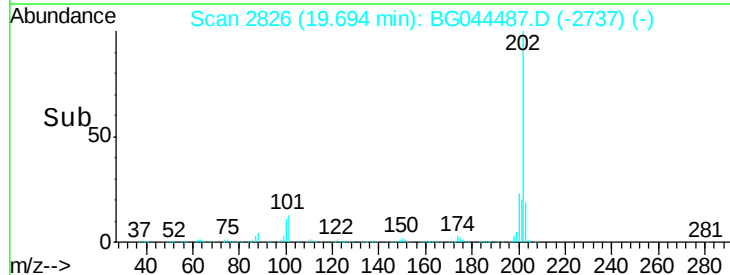
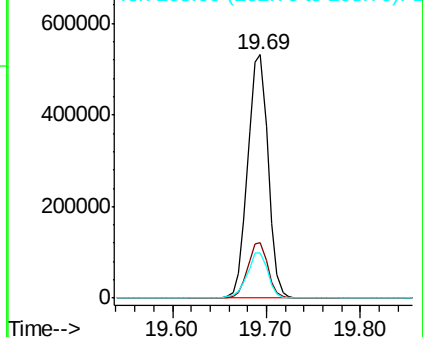
Lab File: BG044487.D

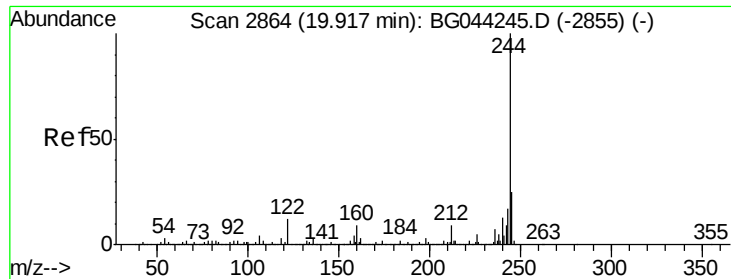
Acq: 19 Feb 2020 12:49

Tgt Ion:	202	Resp:	798005
Ion Ratio	Lower	Upper	
202	100		
200	22.6	20.0	30.0
203	18.8	16.2	24.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





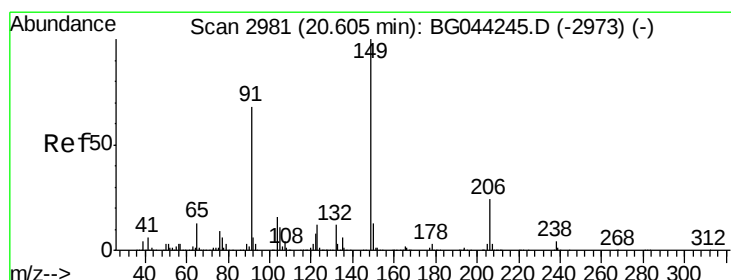
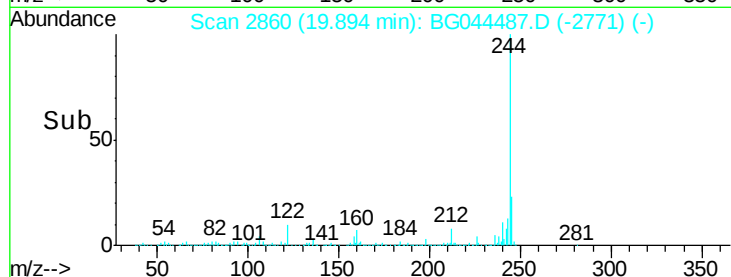
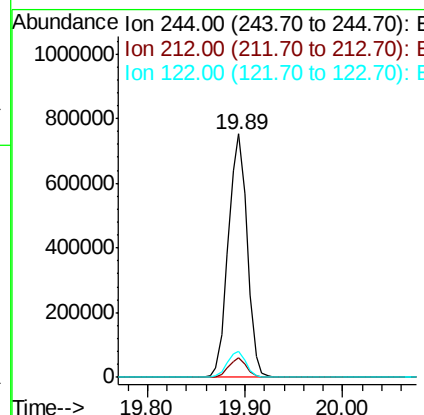
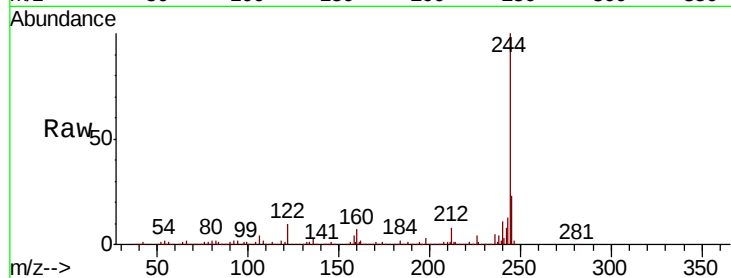
#79
 Terphenyl-d14
 Concen: 63.269 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.4	11.2
122	10.5	9.8	14.6

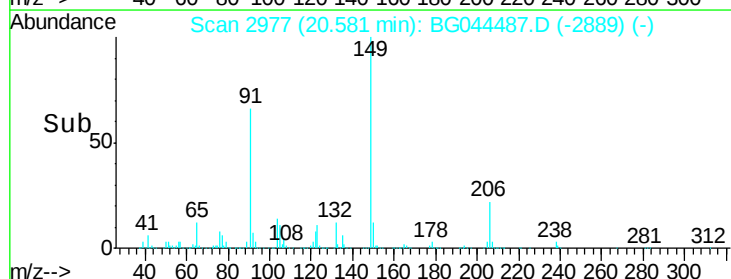
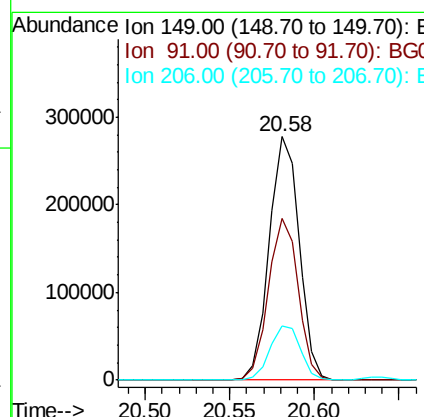
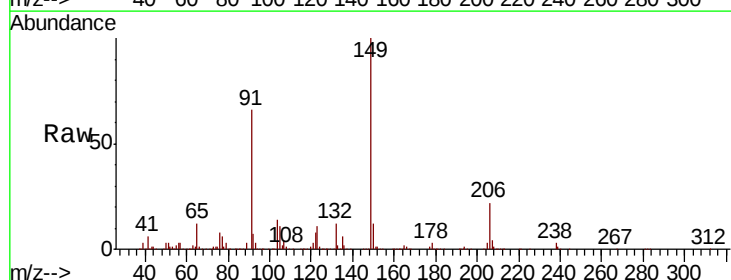
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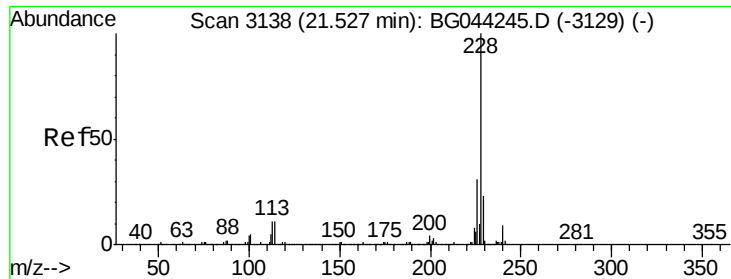
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#80
 Butylbenzylphthalate
 Concen: 35.781 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	54.5	81.7
206	22.2	19.1	28.7





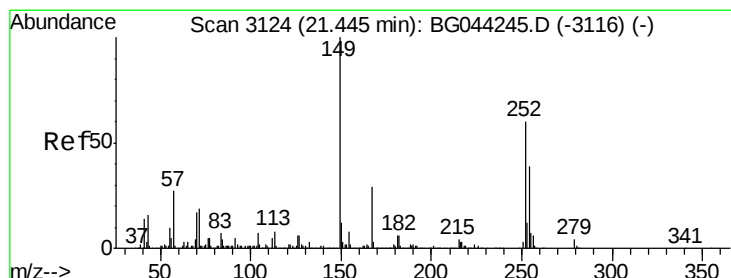
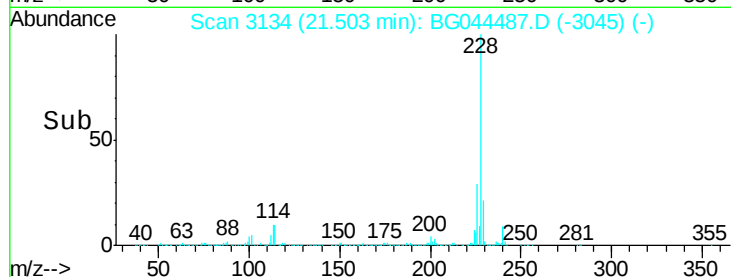
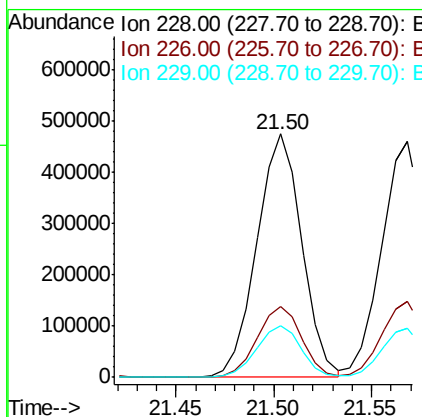
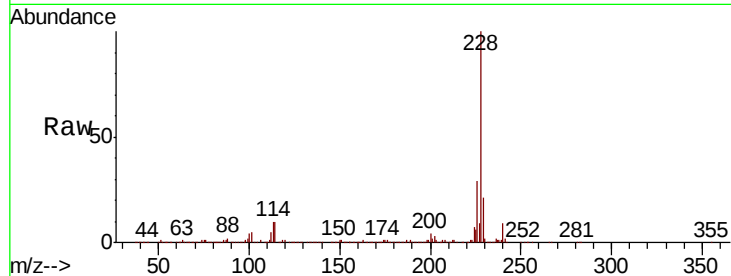
#81
Benzo(a)anthracene
Concen: 37.518 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	21.0	18.2	27.4

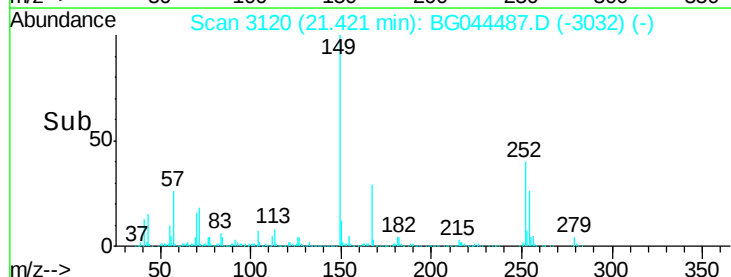
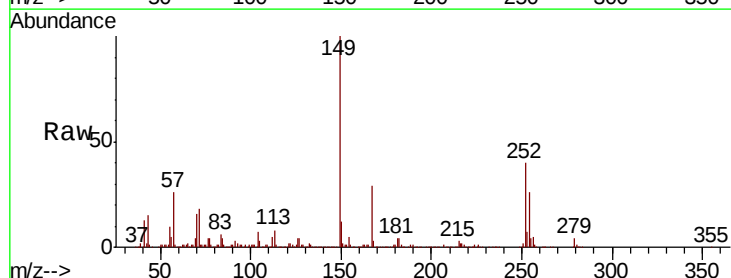
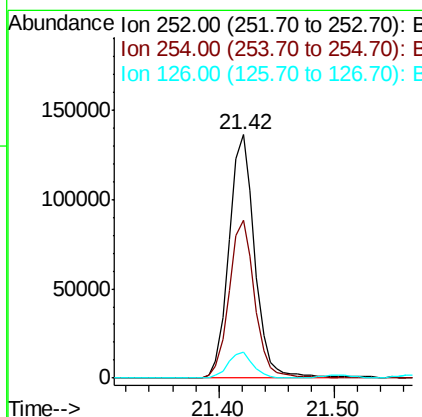
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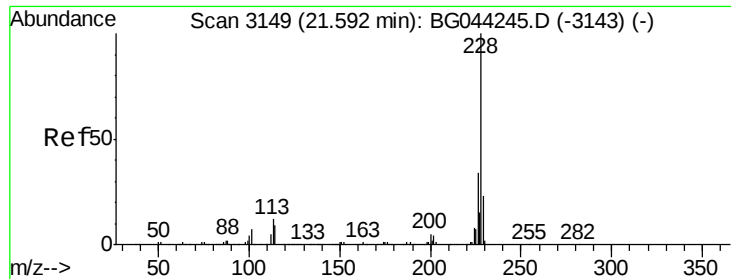
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.833 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	10.4	8.2	12.4





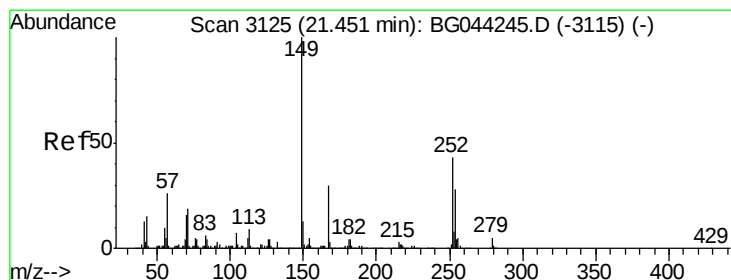
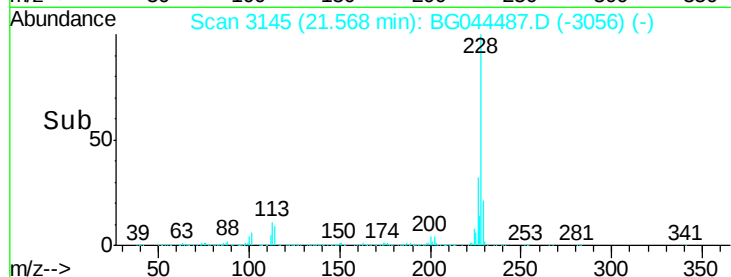
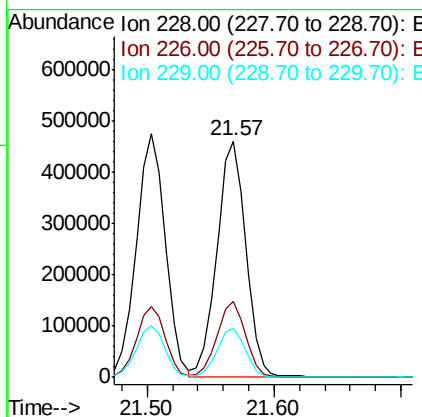
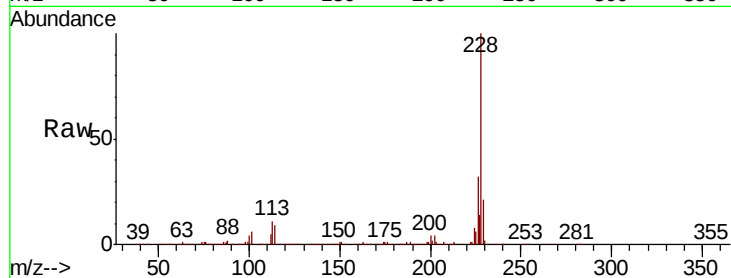
#83
Chrysene
Concen: 37.471 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	32.4		27.1	40.7	
229	20.6		17.9	26.9	

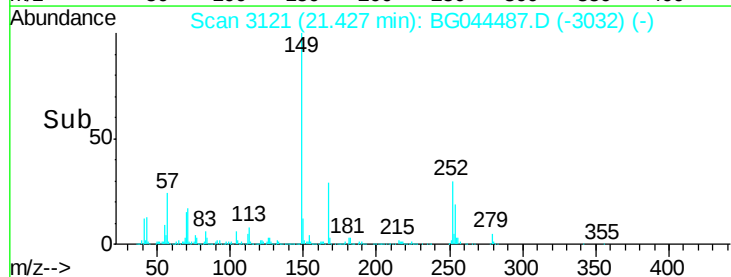
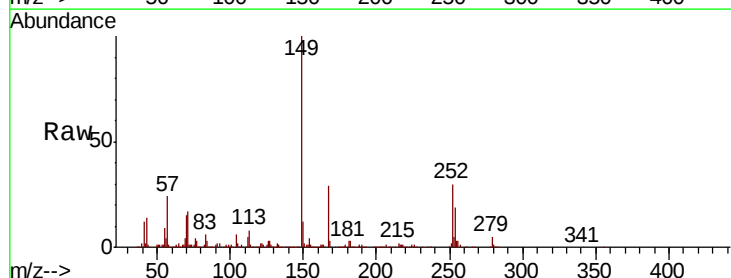
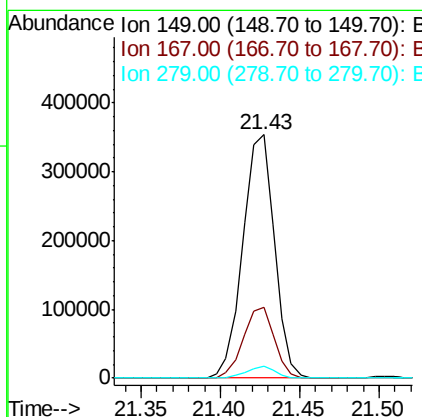
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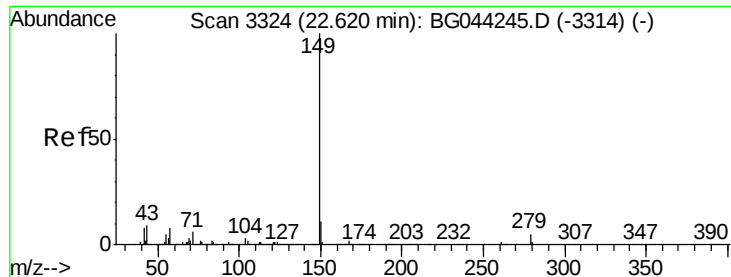
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.087 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	28.9		24.0	36.0	
279	4.8		3.8	5.8	





#85

Di-n-octyl phthalate

Concen: 38.239 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

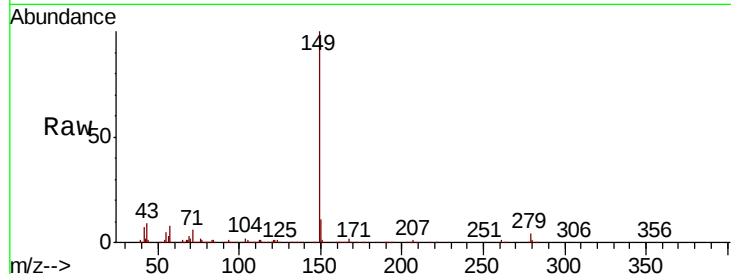
ClientSampleId :

PB126850BS

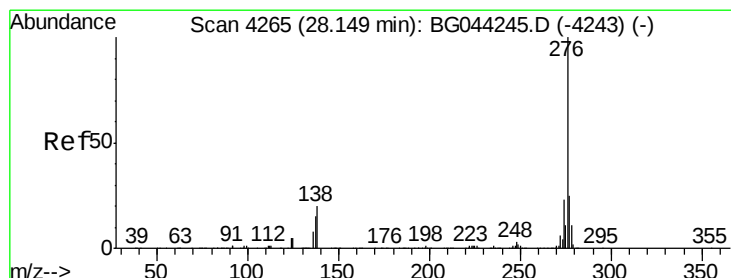
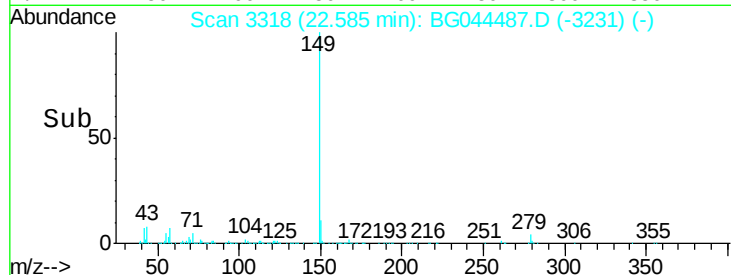
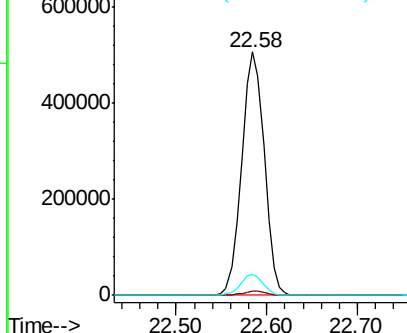
Tot Ion:	149	Resp:	871598
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.4	7.4	11.0

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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: 36.117 ng

RT: 28.10 min Scan# 4256

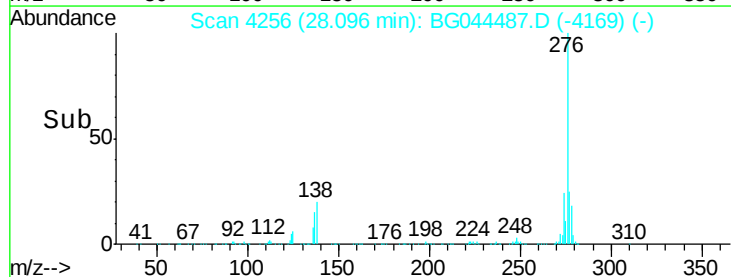
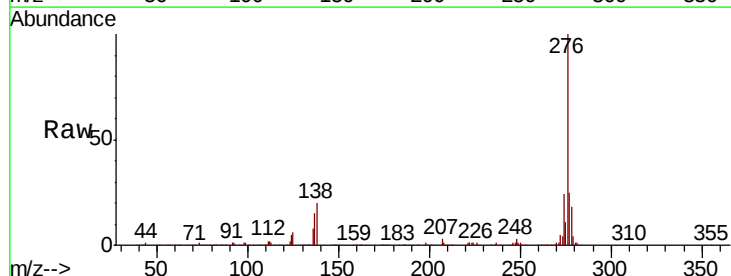
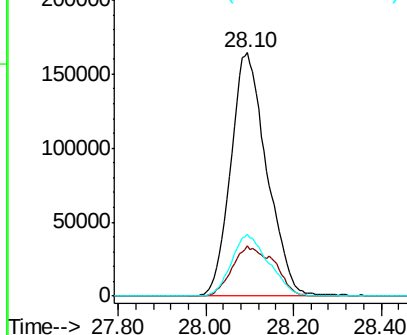
Delta R.T. -0.02 min

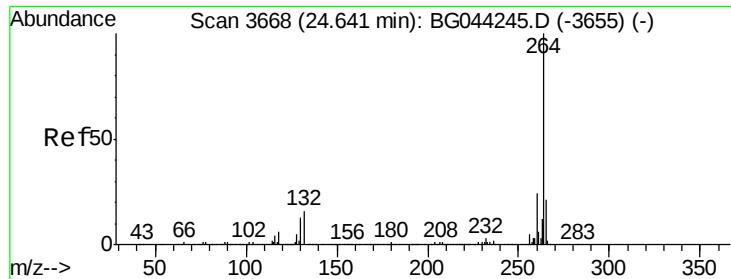
Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	276	Resp:	918010
Ion Ratio		Lower	Upper
276	100		
138	24.1	19.4	29.0
277	26.2	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: 24.61 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

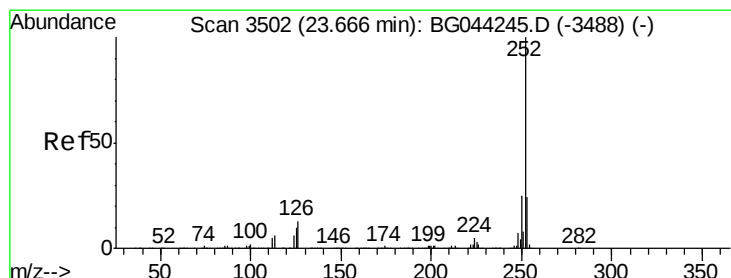
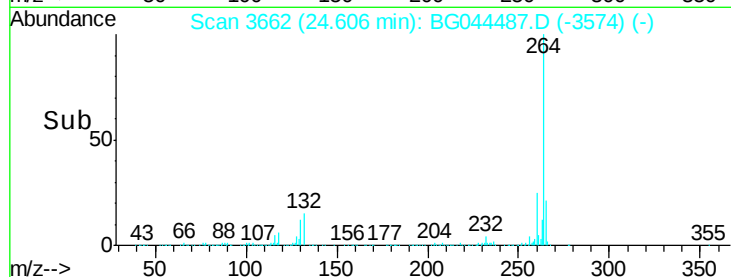
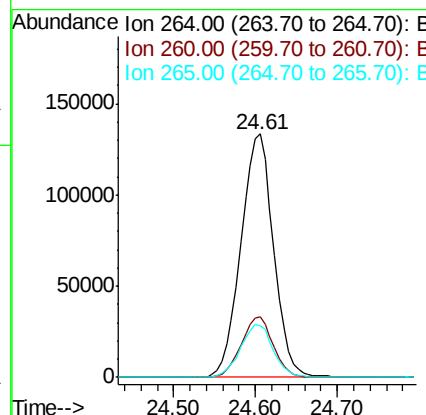
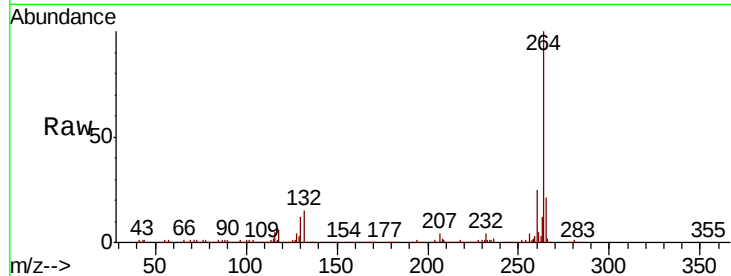
ClientSampleId :

PB126850BS

Tot Ion:	264	Resp:	369515
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	21.3	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 37.022 ng

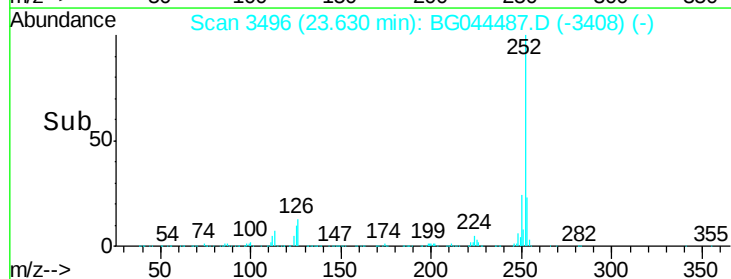
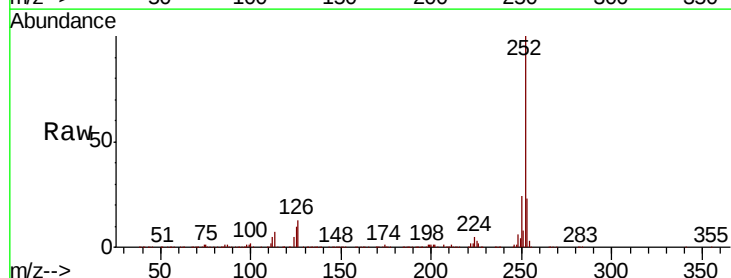
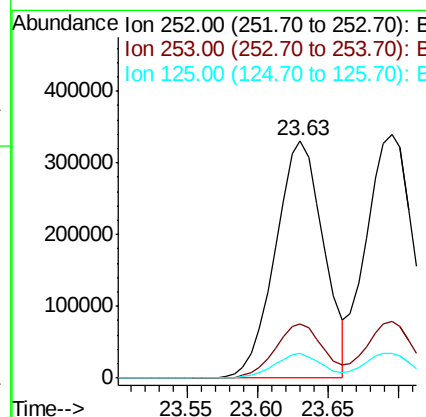
RT: 23.63 min Scan# 3496

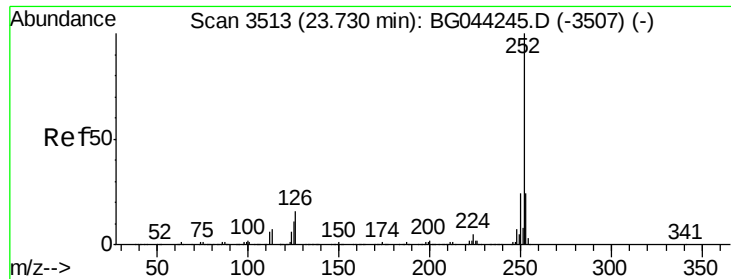
Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:	252	Resp:	788307
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.2	28.8
125	10.3	8.4	12.6





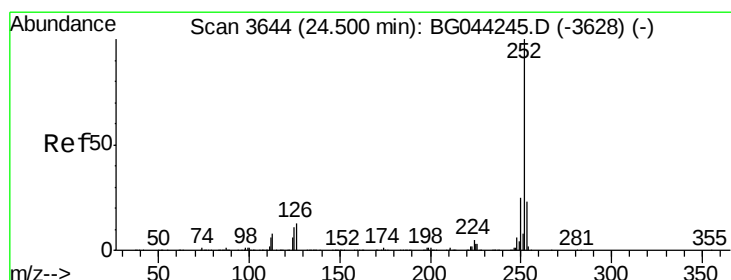
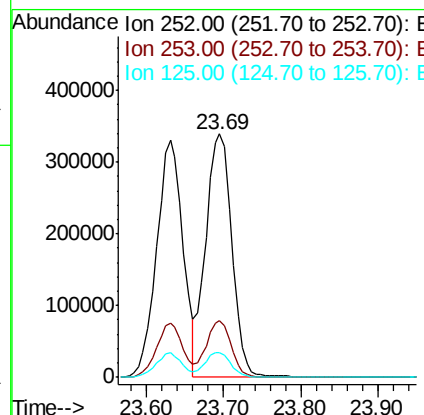
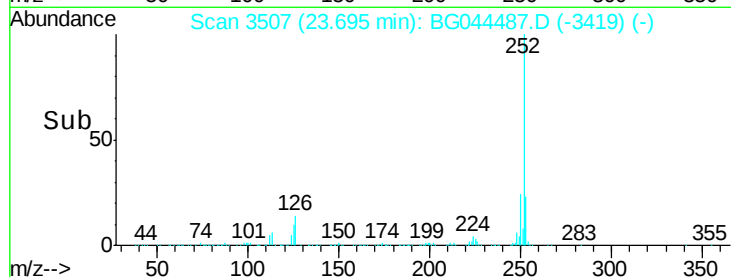
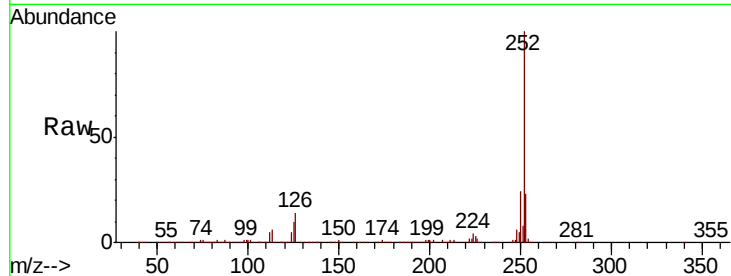
#89
Benzo(k)fluoranthene
Concen: 38.120 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.1	28.7
125	10.3	8.6	12.8

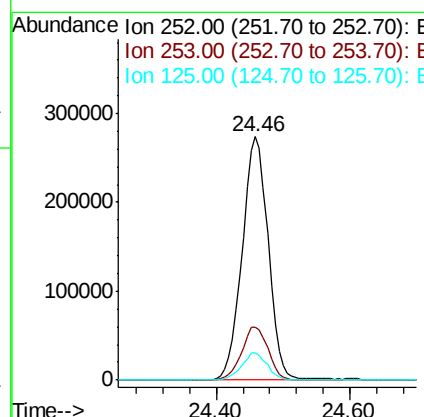
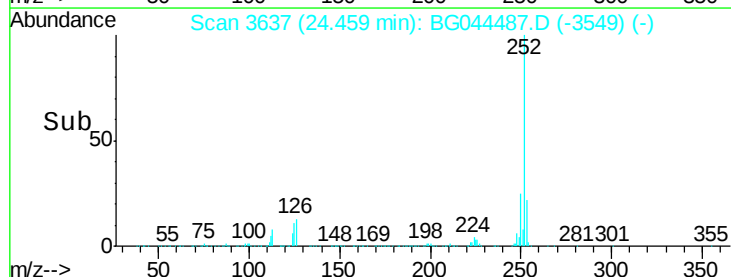
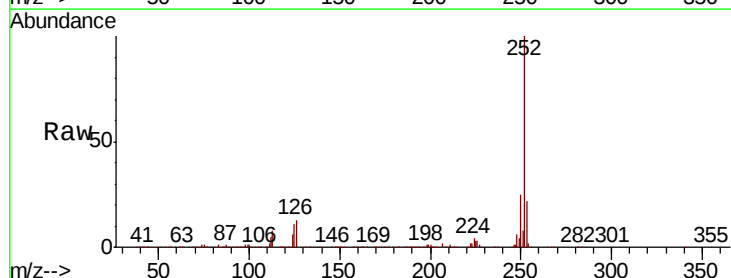
Manual Integrations
APPROVED

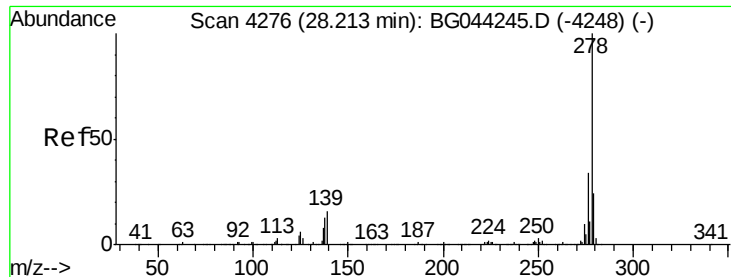
mohammad
2/20/2020 3:11:33 PM



#90
Benzo(a)pyrene
Concen: 36.643 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.4	8.6	13.0





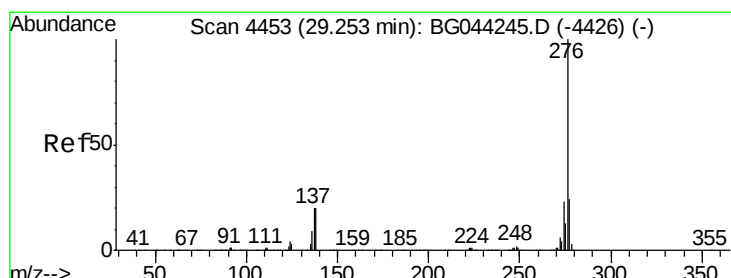
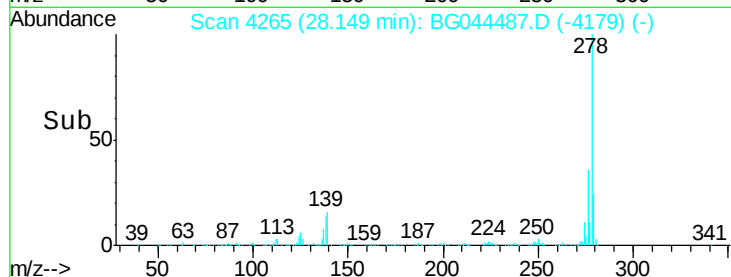
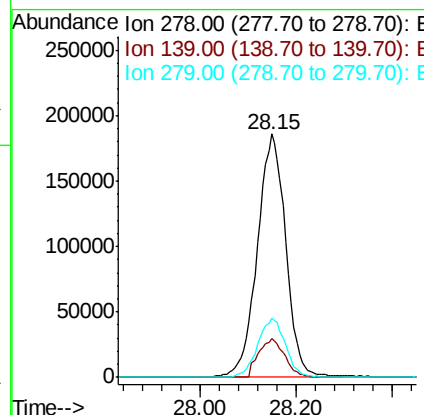
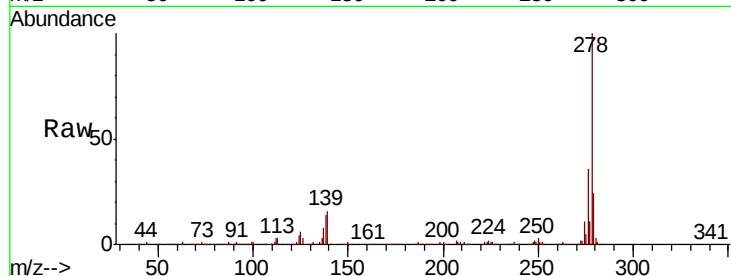
#91
Dibenzo(a,h)anthracene
Concen: 38.451 ng
RT: 28.15 min Scan# 4265
Delta R.T. -0.03 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	24.2	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:33 PM



#92
Benzo(g,h,i)perylene
Concen: 38.863 ng
RT: 29.18 min Scan# 4440
Delta R.T. -0.03 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.1	16.2	24.2

