

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043932.D
 Acq On : 6 Jan 2020 15:23
 Operator : JU
 Sample : PB125879BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Manual Integrations
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mohammad
 1/7/2020 12:30:37 PM

Quant Time: Jan 07 06:09:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	123315	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	546569	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	337800	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	770036	20.00	ng	0.00
76) Chrysene-d12	21.59	240	728913	20.00	ng	0.00
87) Perylene-d12	24.71	264	695471	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	911684	135.75	ng	0.00
7) Phenol-d6	7.13	99	1259123	134.12	ng	0.00
23) Nitrobenzene-d5	9.12	82	736726	72.11	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	470954	133.23	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1611926	86.45	ng	0.00
79) Terphenyl-d14	19.95	244	2196973	68.92	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	102704	35.073 ng	98
3) Pyridine	3.82	79	287007	33.177 ng	98
4) n-Nitrosodimethylamine	3.74	42	138124	35.863 ng	98
6) Aniline	7.28	93	304260	24.675 ng	99
8) 2-Chlorophenol	7.53	128	336473	42.675 ng	99
9) Benzaldehyde	7.10	77	65814	10.954 ng	97
10) Phenol	7.15	94	424041	43.840 ng	100
11) bis(2-Chloroethyl)ether	7.38	93	316472	37.904 ng	98
12) 1,3-Dichlorobenzene	7.85	146	341288	36.990 ng	99
13) 1,4-Dichlorobenzene	7.99	146	345359	37.937 ng	99
14) 1,2-Dichlorobenzene	8.32	146	326704	37.389 ng	97
15) Benzyl Alcohol	8.19	79	299697	40.450 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	466691	36.129 ng	99
17) 2-Methylphenol	8.41	107	298343	42.623 ng	98
18) Hexachloroethane	9.05	117	127365	35.955 ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	260088	37.202 ng	99
20) 3+4-Methylphenols	8.73	107	417102	42.716 ng	97
22) Acetophenone	8.78	105	491868	36.198 ng	99
24) Nitrobenzene	9.16	77	367912	36.358 ng	99
25) Isophorone	9.69	82	710306	37.056 ng	100
26) 2-Nitrophenol	9.87	139	189776	39.639 ng	99
27) 2,4-Dimethylphenol	9.94	122	323592	44.902 ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	457219	35.779 ng	98
29) 2,4-Dichlorophenol	10.41	162	349977	40.712 ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	342171	35.500 ng	98
31) Naphthalene	10.81	128	1011638	38.248 ng	99
32) Benzoic acid	10.07	122	142060	27.310 ng	96
33) 4-Chloroaniline	10.91	127	236169	18.721 ng	99
34) Hexachlorobutadiene	11.11	225	199159	33.842 ng	99
35) Caprolactam	11.68	113	127262m	39.768 ng	
36) 4-Chloro-3-methylphenol	12.04	107	382782	41.828 ng	99
37) 2-Methylnaphthalene	12.42	142	771347	38.736 ng	98
38) 1-Methylnaphthalene	12.64	142	745876	39.522 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	372184	37.591 ng	99

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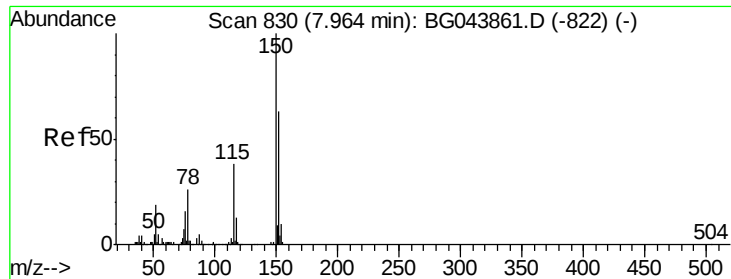
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	407716	79.430	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	275565	40.449	ng	98
44) 2,4,5-Trichlorophenol	13.10	196	298146	42.432	ng	99
46) 1,1'-Biphenyl	13.43	154	993226	41.009	ng	99
47) 2-Chloronaphthalene	13.47	162	773793	39.538	ng	99
48) 2-Nitroaniline	13.66	65	247639	39.336	ng	97
49) Acenaphthylene	14.32	152	1216968	43.263	ng	99
50) Dimethylphthalate	14.05	163	996809	41.559	ng	99
51) 2,6-Dinitrotoluene	14.16	165	229459	42.326	ng	100
52) Acenaphthene	14.66	154	878286	44.522	ng	98
53) 3-Nitroaniline	14.49	138	176506	28.671	ng	96
54) 2,4-Dinitrophenol	14.69	184	215744	78.245	ng	98
55) Dibenzofuran	14.99	168	1168999	43.047	ng	99
56) 4-Nitrophenol	14.80	139	405506	85.957	ng	96
57) 2,4-Dinitrotoluene	14.94	165	322486	43.717	ng	96
58) Fluorene	15.64	166	932739	43.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	275253	45.557	ng	97
60) Diethylphthalate	15.41	149	1032813	43.052	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	485405	41.532	ng	98
62) 4-Nitroaniline	15.65	138	246034	40.470	ng	99
63) Azobenzene	15.93	77	952898	42.831	ng	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	163455	41.821	ng	96
66) n-Nitrosodiphenylamine	15.84	169	876806	38.666	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	314767	36.345	ng	99
68) Hexachlorobenzene	16.65	284	335425	35.943	ng	98
69) Atrazine	16.80	200	290294	39.383	ng	99
70) Pentachlorophenol	16.99	266	578673	112.489	ng	99
71) Phenanthrene	17.38	178	1471047	39.828	ng	100
72) Anthracene	17.47	178	1481642	40.591	ng	98
73) Carbazole	17.74	167	1358655	40.295	ng	99
74) Di-n-butylphthalate	18.31	149	1687457	39.198	ng	99
75) Fluoranthene	19.39	202	1657706	39.245	ng	99
77) Benzidine	19.56	184	417229	22.772	ng	99
78) Pyrene	19.75	202	1668250	35.063	ng	99
80) Butylbenzylphthalate	20.64	149	806021	35.583	ng	99
81) Benzo(a)anthracene	21.57	228	1628452	36.029	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	450847	25.248	ng	100
83) Chrysene	21.63	228	1519135	35.373	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1110266	35.522	ng	99
85) Di-n-octyl phthalate	22.68	149	1912105	36.390	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	1950332	33.416	ng	# 92
88) Benzo(b)fluoranthene	23.73	252	1706813	41.514	ng	99
89) Benzo(k)fluoranthene	23.79	252	1644183	42.054	ng	99
90) Benzo(a)pyrene	24.56	252	1655725	42.668	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1624374	41.681	ng	99
92) Benzo(g,h,i)perylene	29.36	276	1581263	40.848	ng	98

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



#1

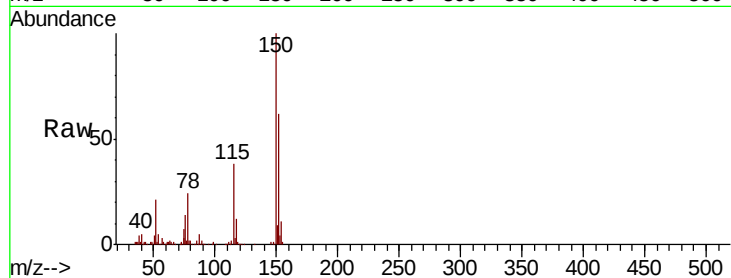
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	127.0	190.4
115	60.5	47.8	71.8

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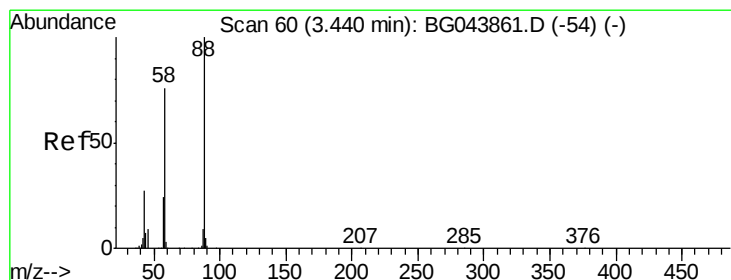
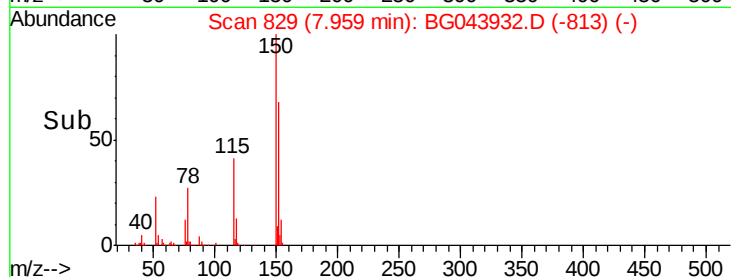
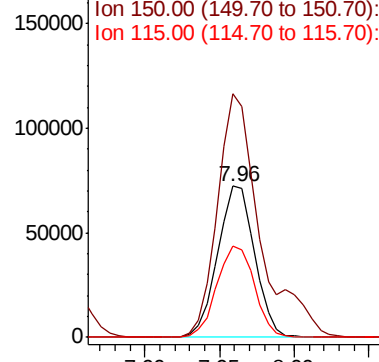


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

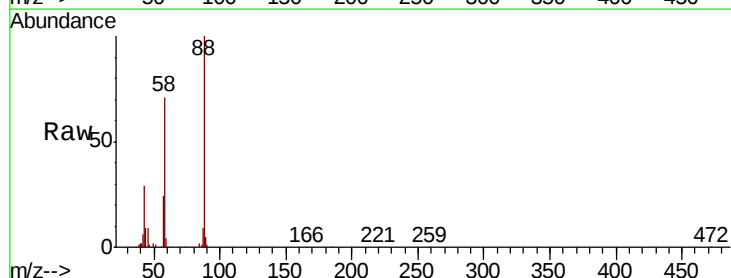
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.073 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.8	89.8
43	27.3	22.9	34.3

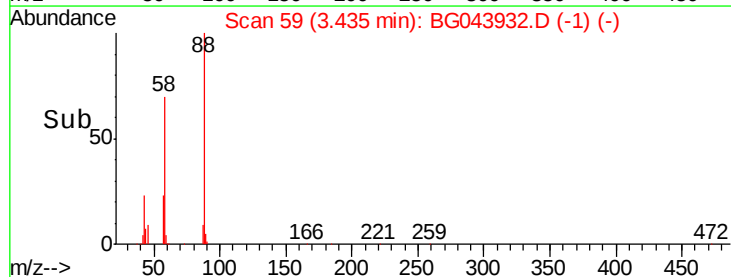
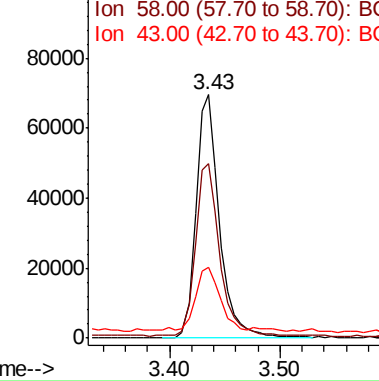


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.177 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

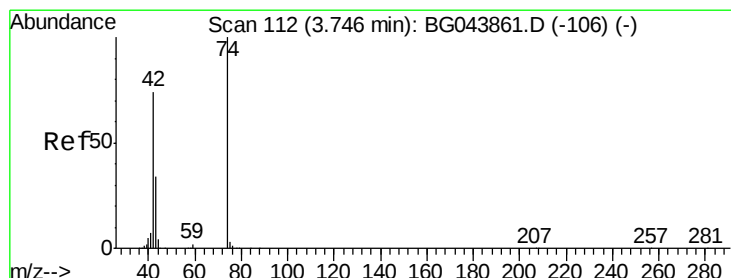
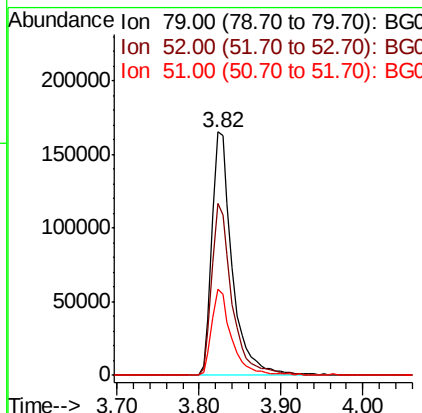
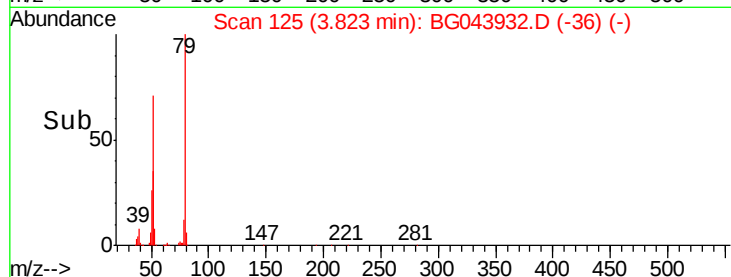
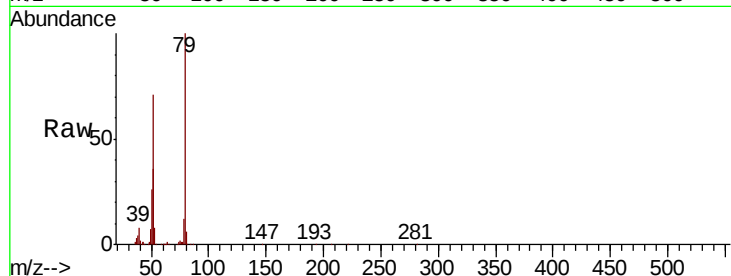
ClientSampleId :

PB125879BS

Tot Ion:	79	Resp:	287007
Ion Ratio	Lower	Upper	
79	100		
52	70.7	58.9	88.3
51	35.6	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 35.863 ng

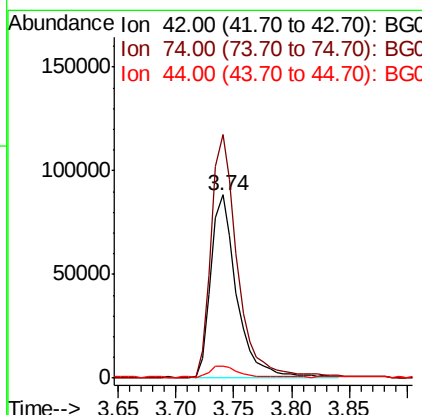
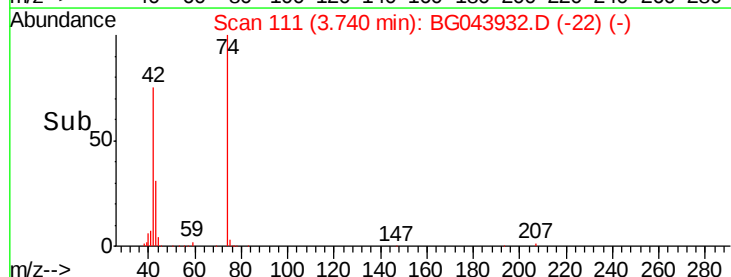
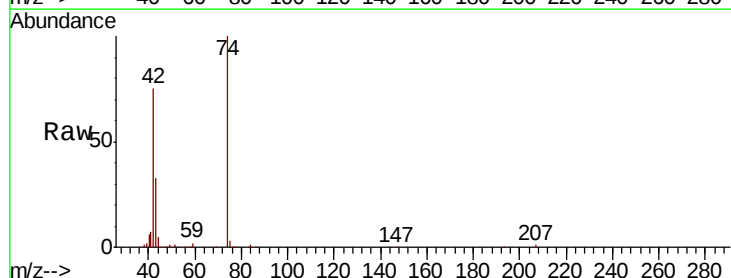
RT: 3.74 min Scan# 111

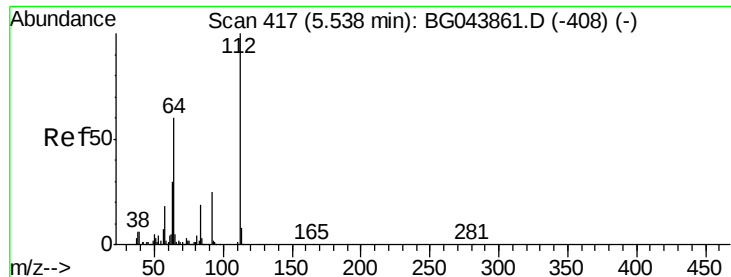
Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion:	42	Resp:	138124
Ion Ratio	Lower	Upper	
42	100		
74	132.8	108.6	162.8
44	6.8	5.0	7.6





#5

2-Fluorophenol

Concen: 135.747 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

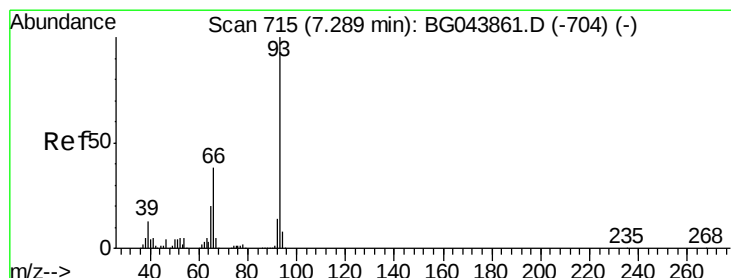
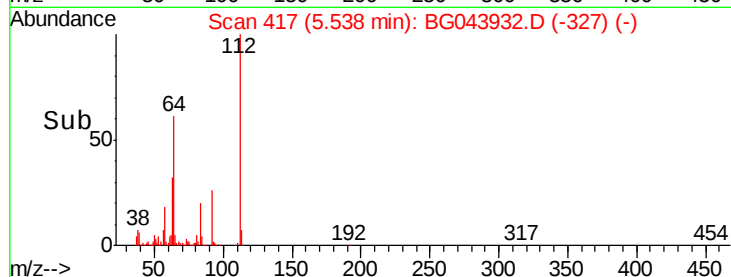
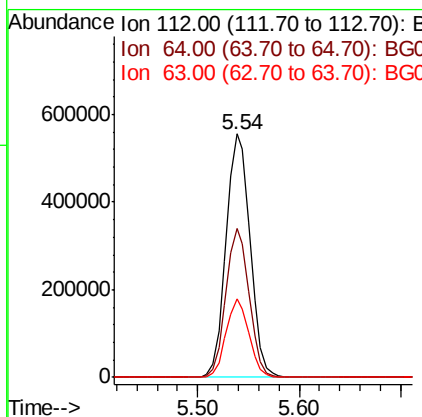
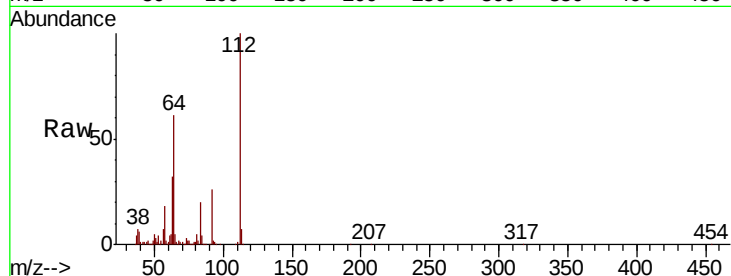
ClientSampleId :

PB125879BS

Tot Ion:	112	Resp:	911684
Ion Ratio	Lower	Upper	
112	100		
64	61.0	47.8	71.6
63	32.0	24.3	36.5

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#6

Aniline

Concen: 24.675 ng

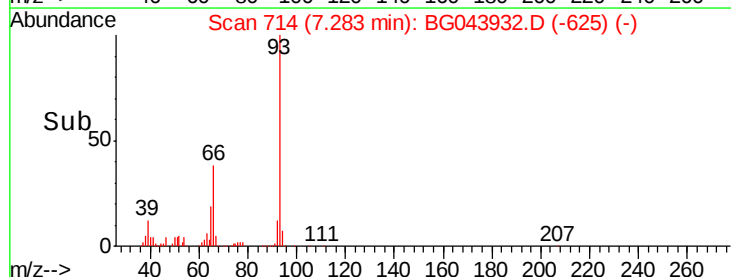
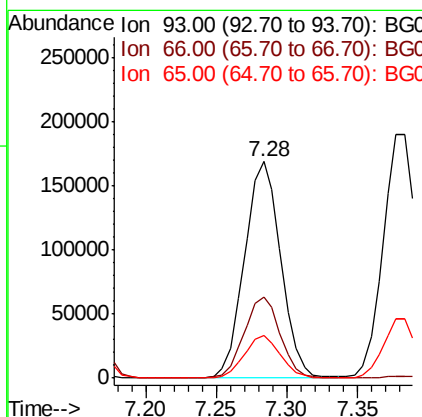
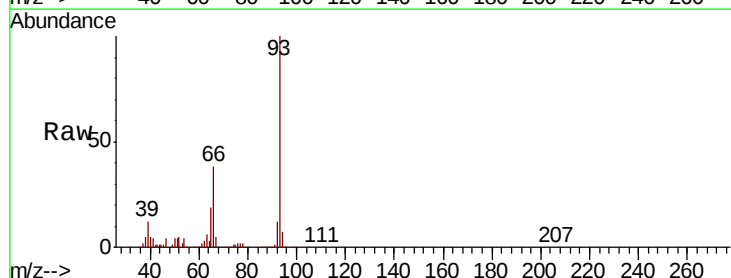
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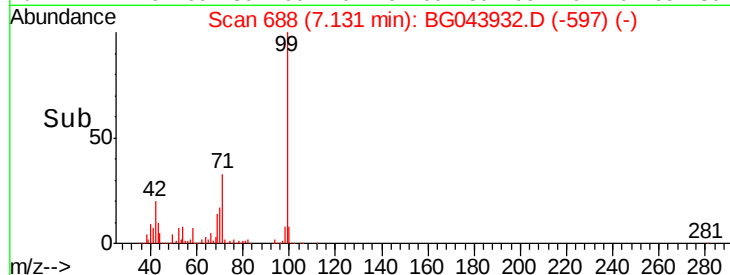
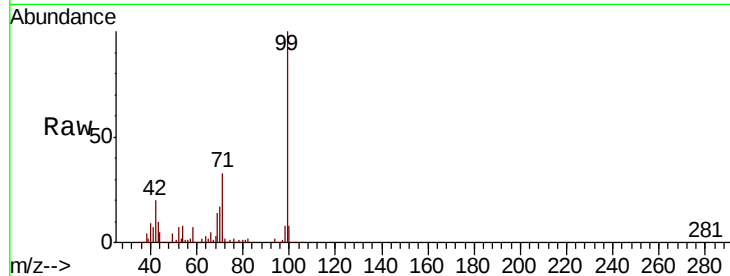
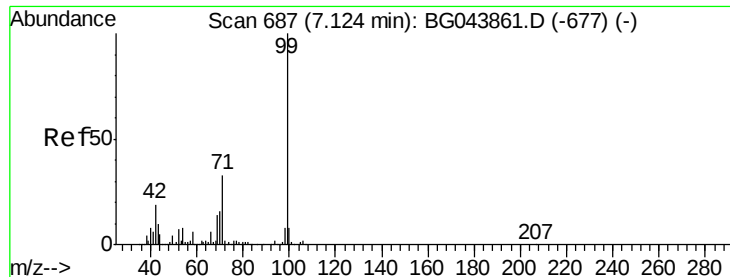
Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion:	93	Resp:	304260
Ion Ratio	Lower	Upper	
93	100		
66	37.6	30.8	46.2
65	19.5	16.0	24.0





#7

Phenol-d6

Concen: 134.123 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	20.0	14.9	22.3	
71	33.4	26.4	39.6	

Instrument :

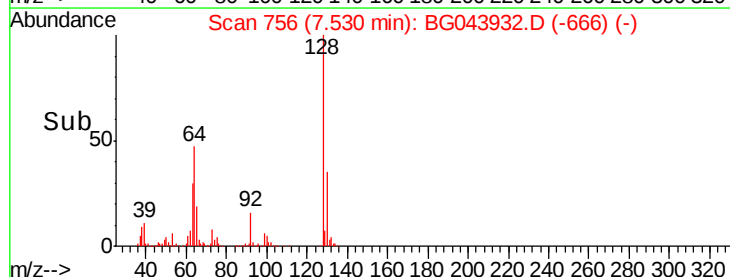
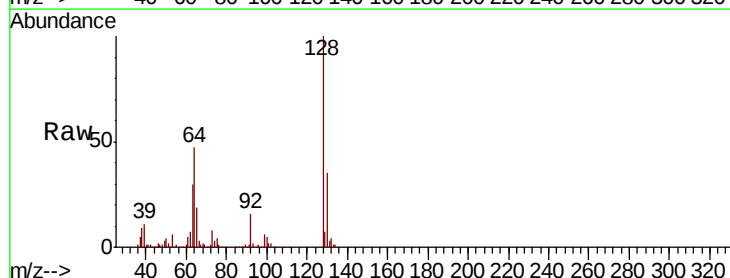
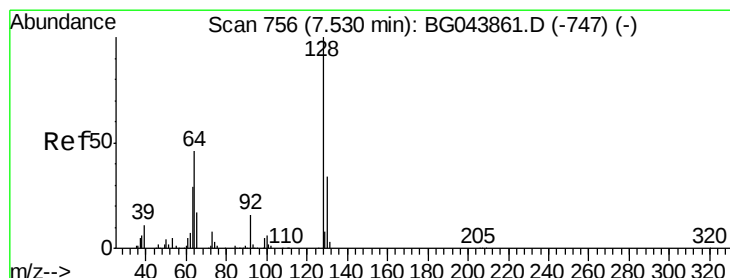
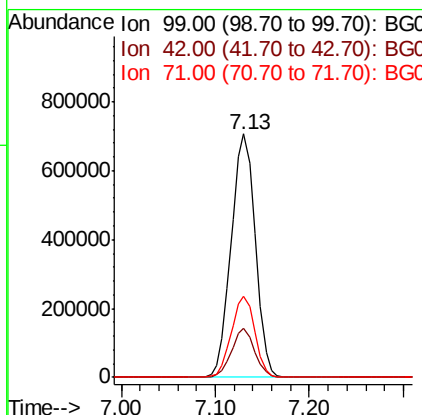
BNA_G

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#8

2-Chlorophenol

Concen: 42.675 ng

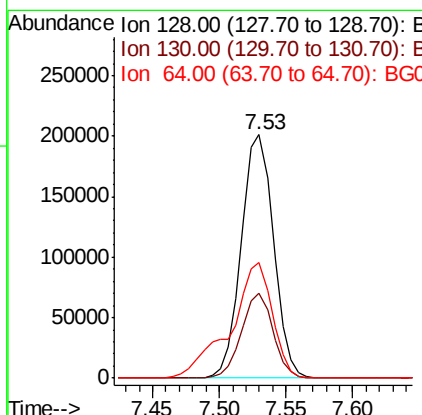
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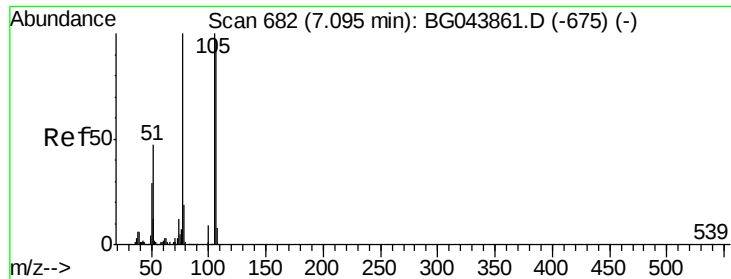
Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	35.1	13.8	53.8	
64	47.4	27.6	67.6	





#9

Benzaldehyde

Concen: 10.954 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

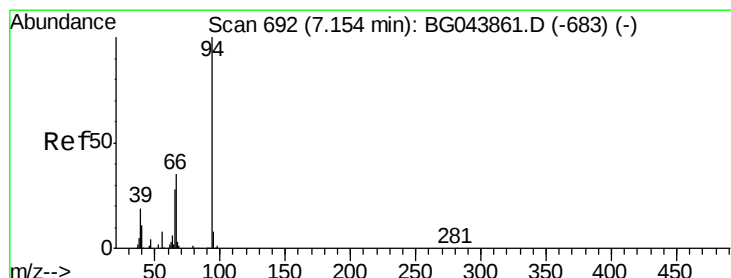
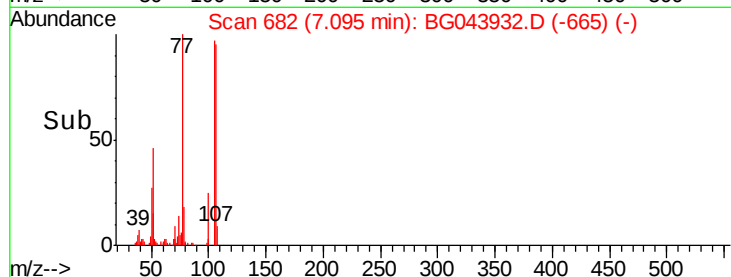
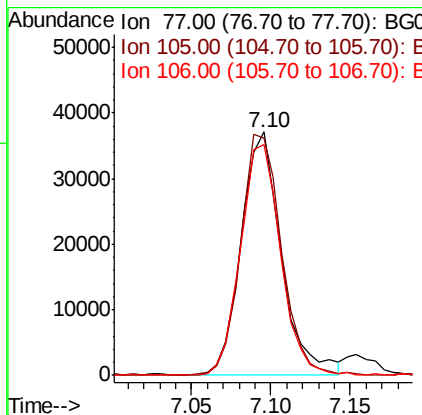
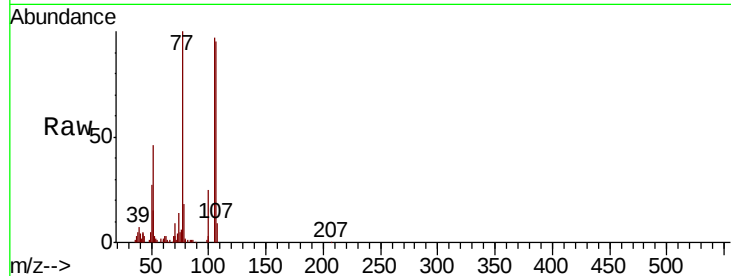
ClientSampleID :

PB125879BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.3	80.2	120.2
106	95.1	77.2	117.2

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#10

Phenol

Concen: 43.840 ng

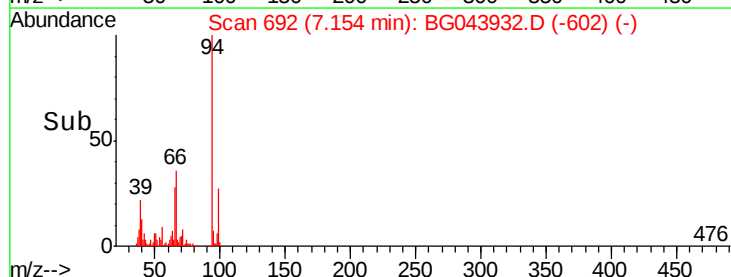
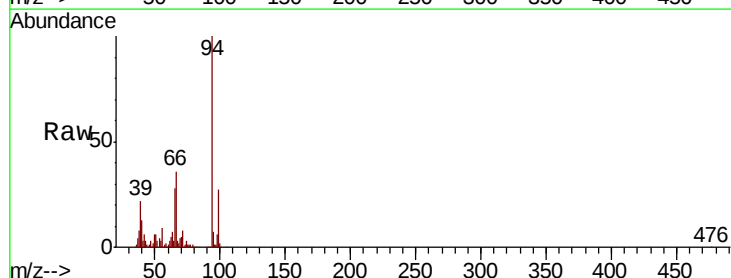
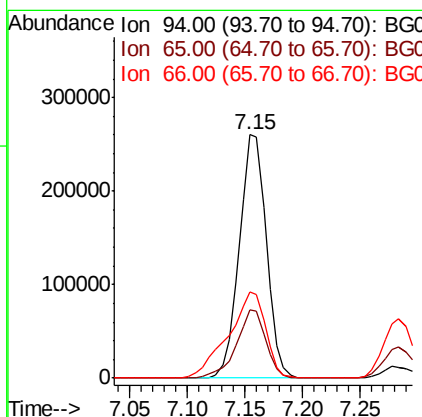
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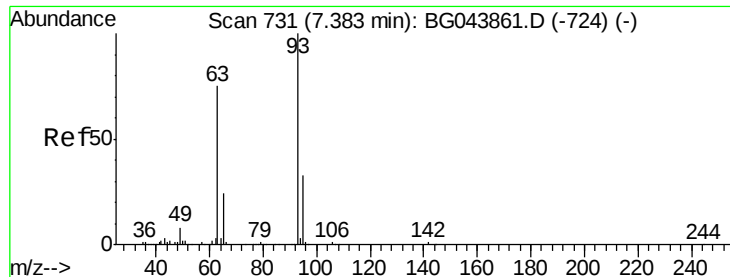
Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.1	48.1
66	35.6	15.6	55.6





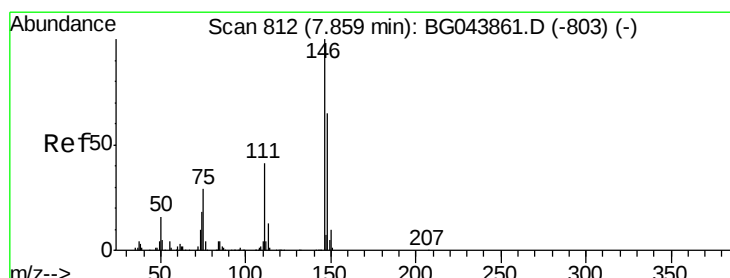
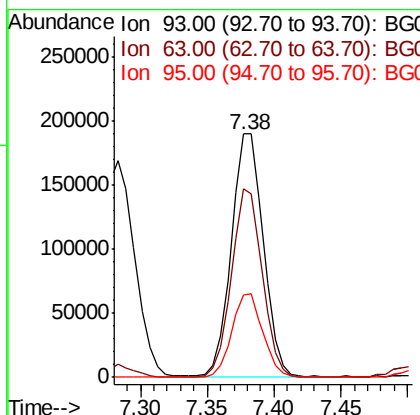
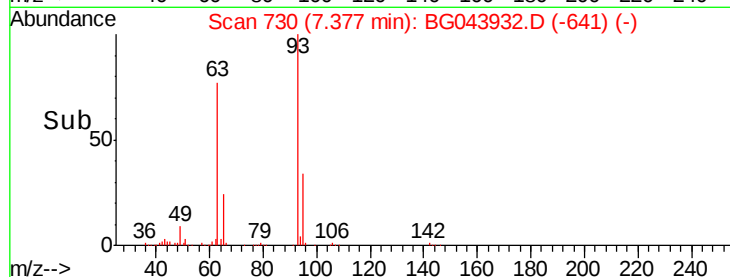
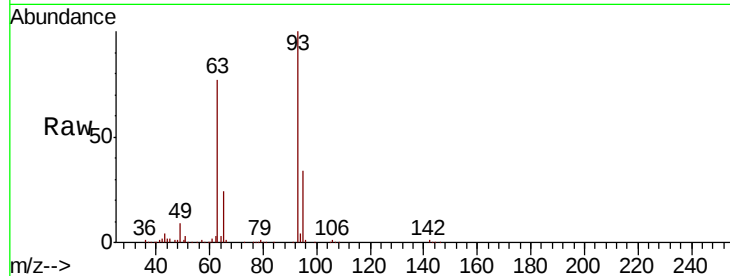
#11
bis(2-Chloroethyl)ether
Concen: 37.904 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	316472		
63	77.2	55.0	95.0	
95	33.6	13.3	53.3	

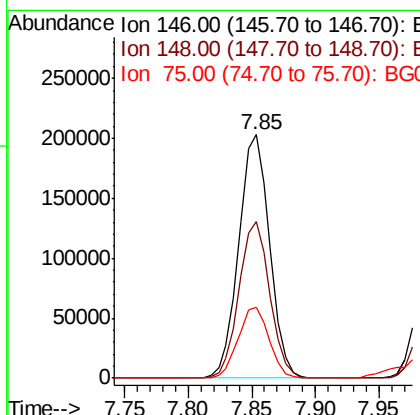
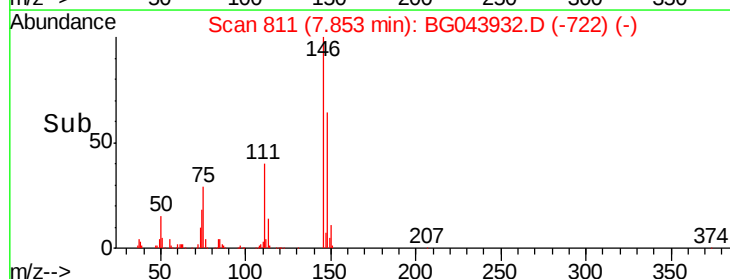
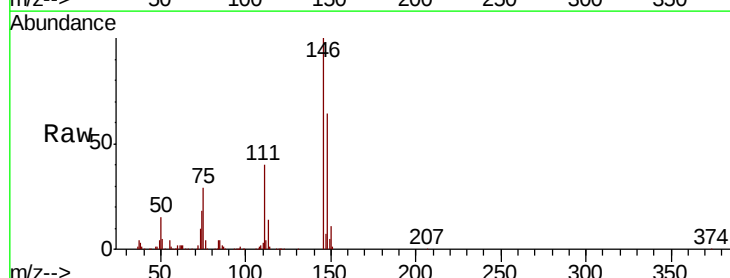
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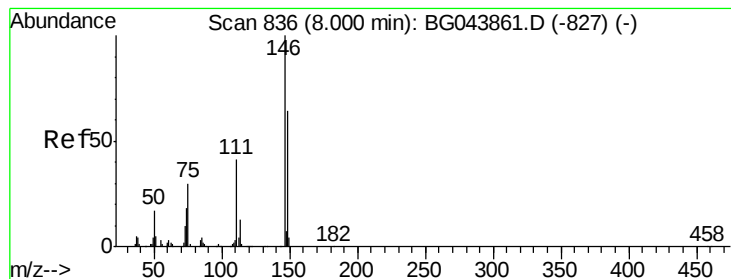
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.990 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	341288		
148	64.2	52.1	78.1	
75	29.3	23.0	34.4	





#13

1,4-Dichlorobenzene

Concen: 37.937 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

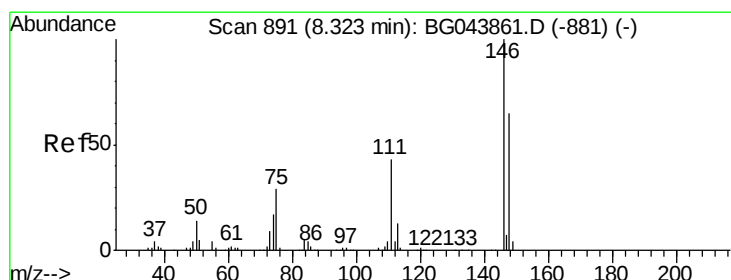
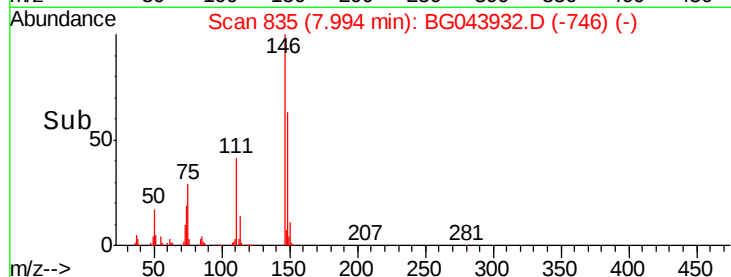
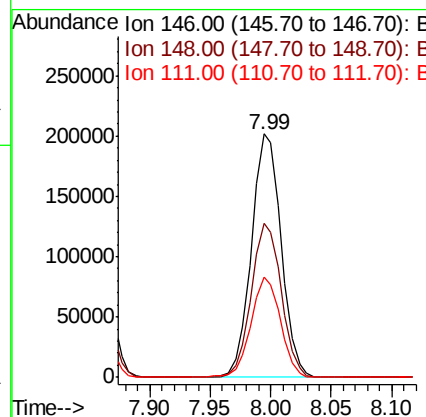
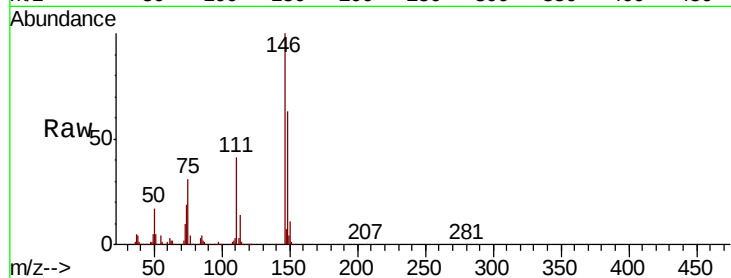
ClientSampleId :

PB125879BS

Tot Ion:	146	Resp:	345359
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.2	76.8
111	41.0	33.1	49.7

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#14

1,2-Dichlorobenzene

Concen: 37.389 ng

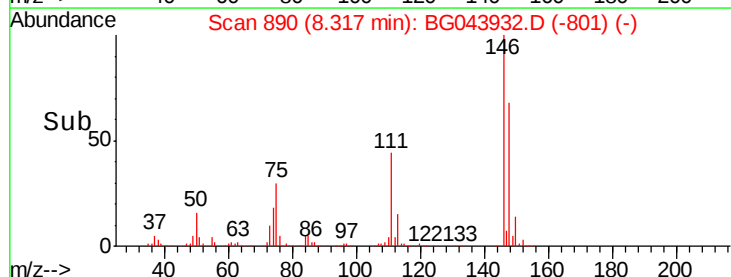
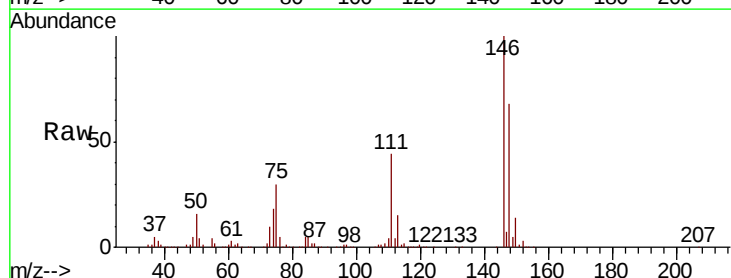
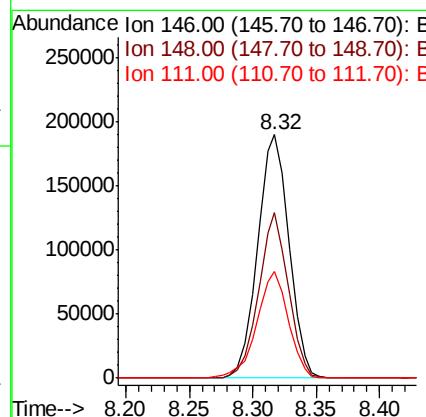
RT: 8.32 min Scan# 890

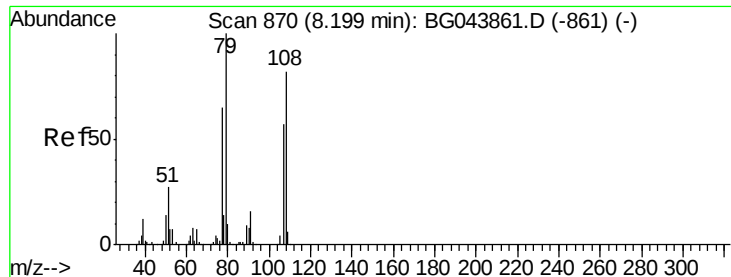
Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion:	146	Resp:	326704
Ion Ratio	Lower	Upper	
146	100		
148	68.1	51.7	77.5
111	43.5	34.4	51.6





#15

Benzyl Alcohol

Concen: 40.450 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

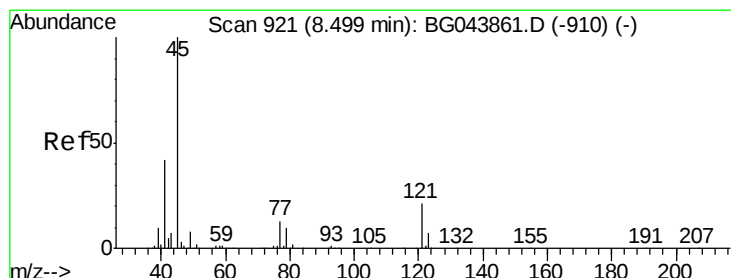
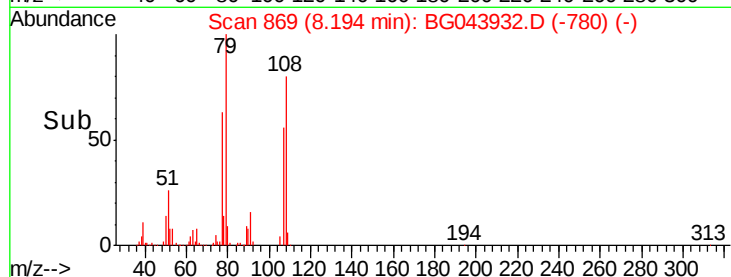
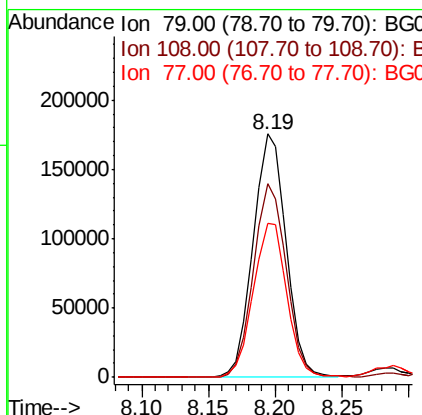
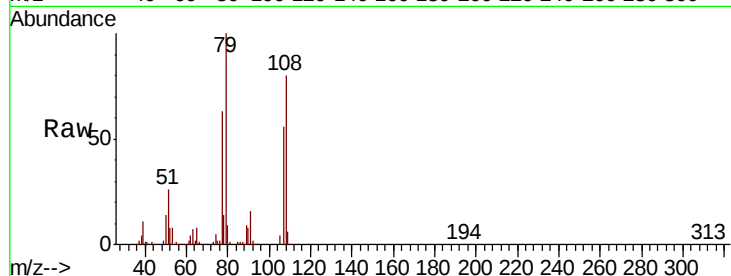
ClientSampleId :

PB125879BS

Tot Ion:	79	Resp:	299697
Ion Ratio	Lower	Upper	
79	100		
108	79.5	65.6	98.4
77	63.3	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.129 ng

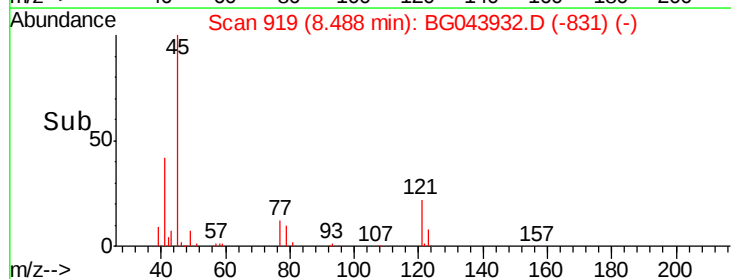
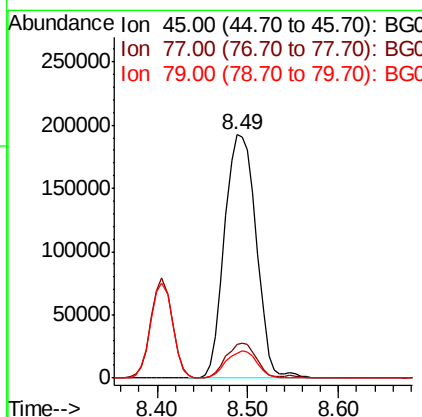
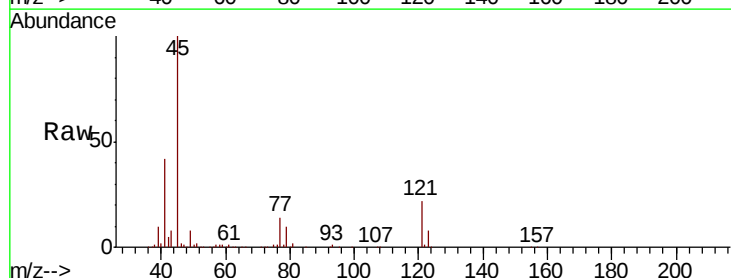
RT: 8.49 min Scan# 919

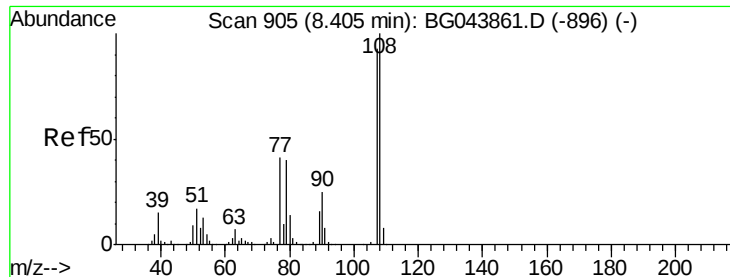
Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion:	45	Resp:	466691
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.8
79	10.2	0.0	31.0





#17

2-Methylphenol

Concen: 42.623 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

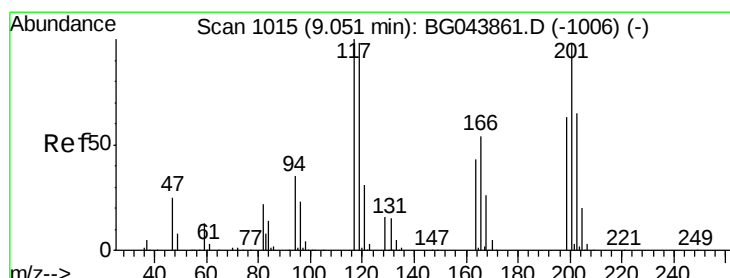
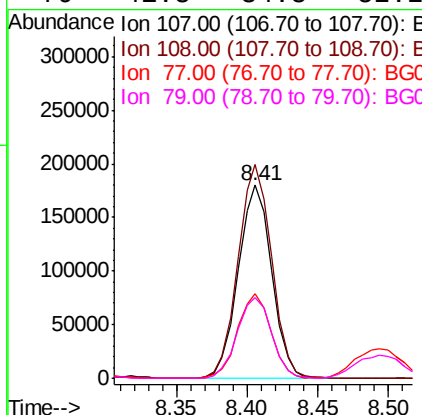
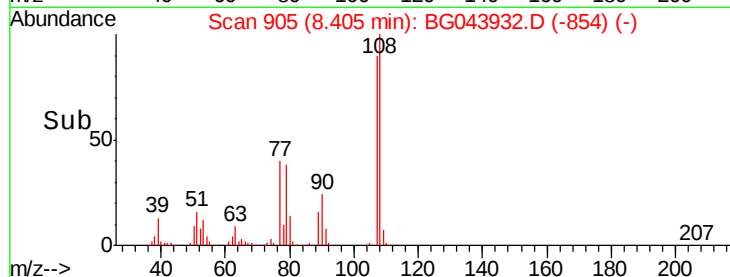
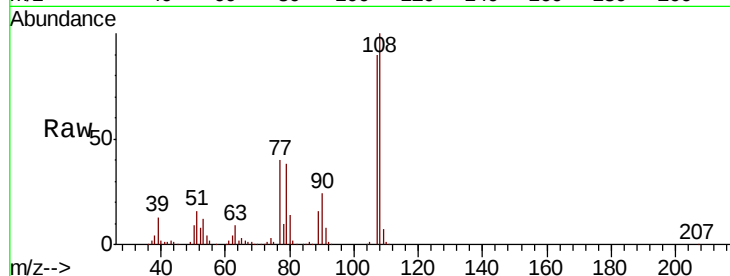
ClientSampleId :

PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	86.1	129.1	
77	44.1	35.4	53.0	
79	41.8	34.8	52.2	

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#18

Hexachloroethane

Concen: 35.955 ng

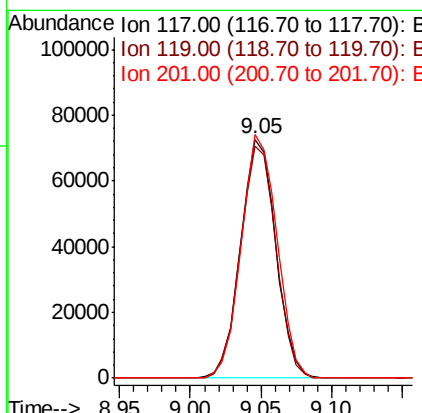
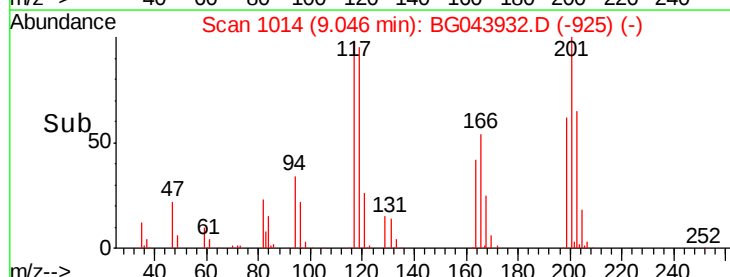
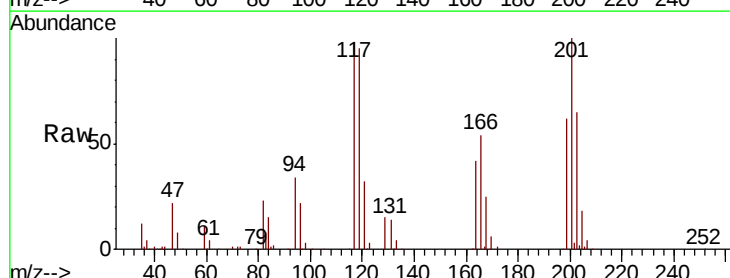
RT: 9.05 min Scan# 1014

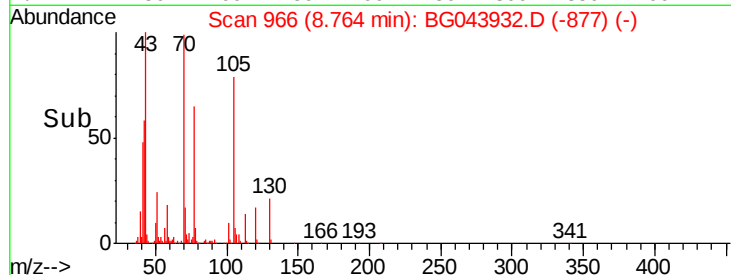
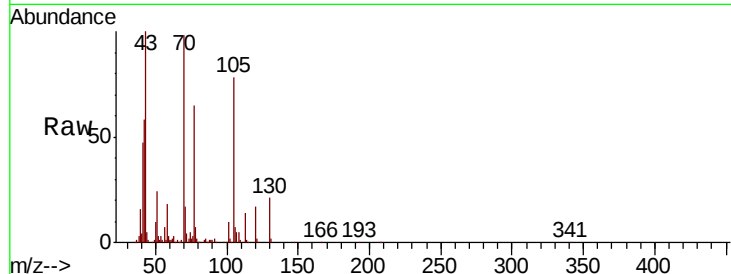
Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	78.1	117.1	
201	102.0	78.6	117.8	





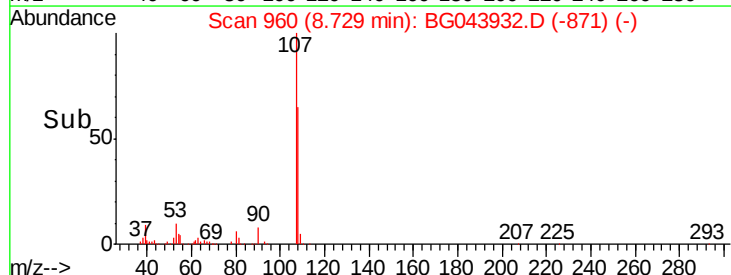
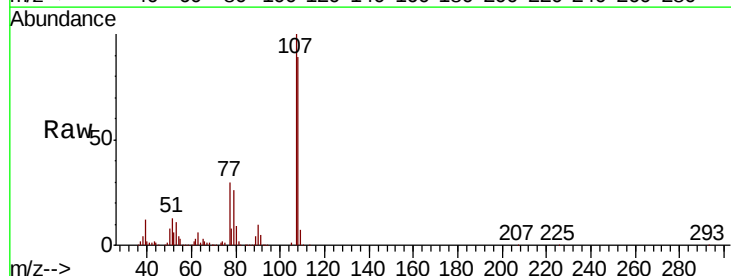
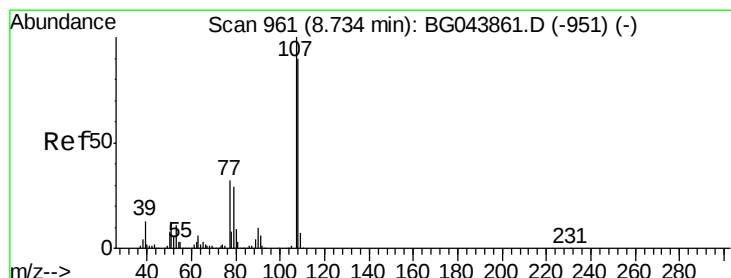
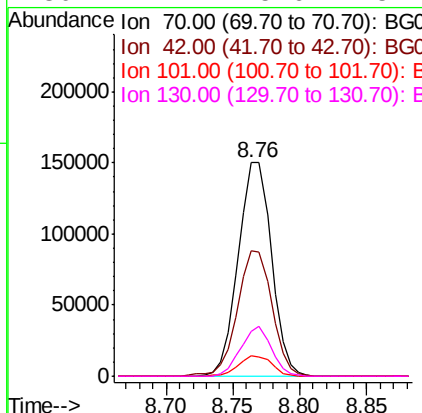
#19
n-Nitroso-di-n-propylamine
Concen: 37.202 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.7	47.0	70.4	
101	9.7	7.2	10.8	
130	21.1	15.6	23.4	

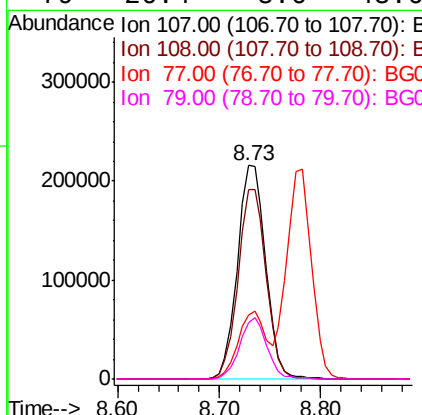
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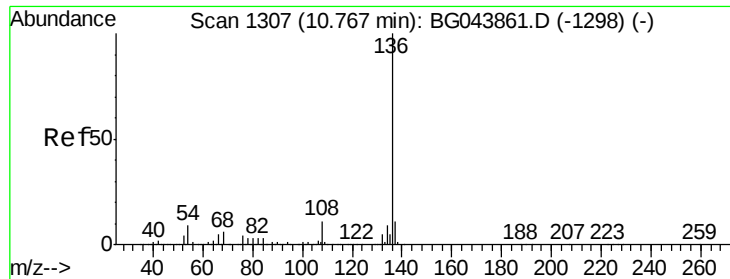
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#20
3+4-Methylphenols
Concen: 42.716 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	70.3	110.3	
77	30.2	12.4	52.4	
79	26.4	8.6	48.6	





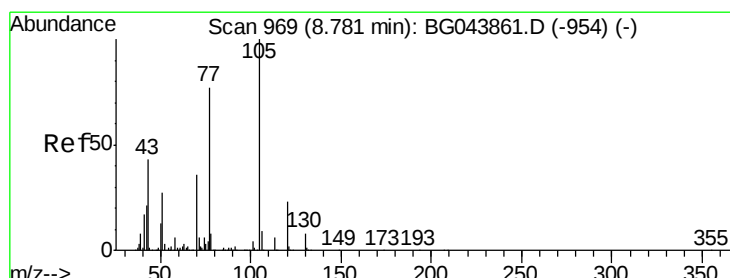
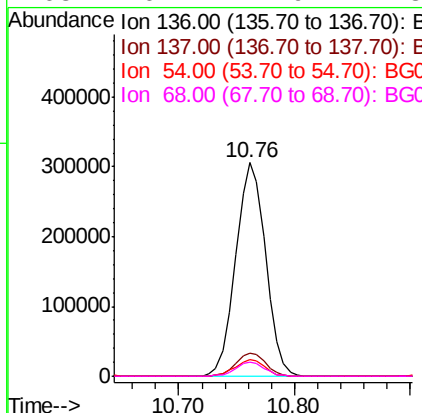
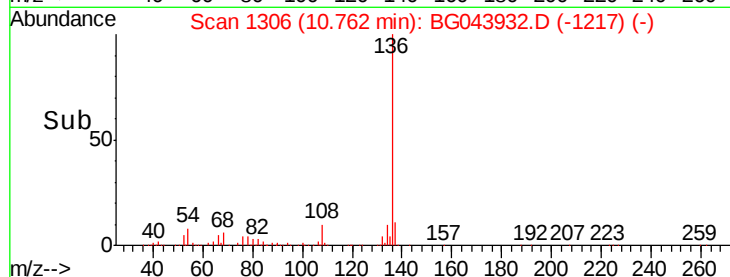
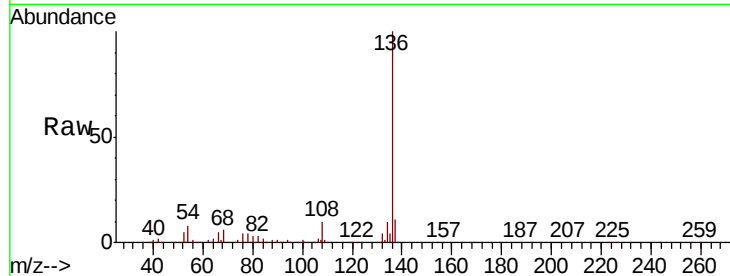
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		546569		
137	11.0	8.8	13.2		
54	8.0	7.0	10.4		
68	6.4	4.9	7.3		

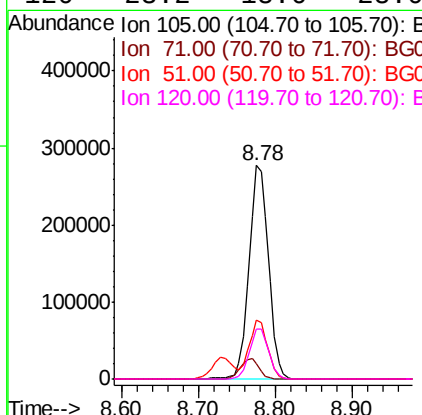
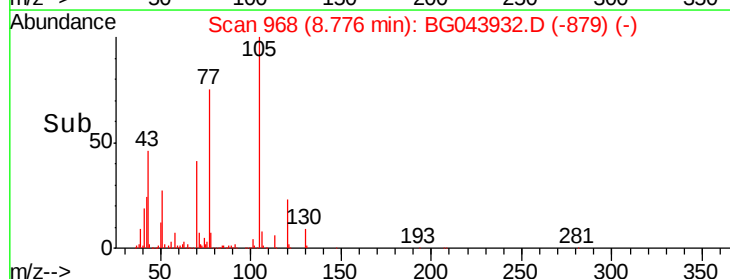
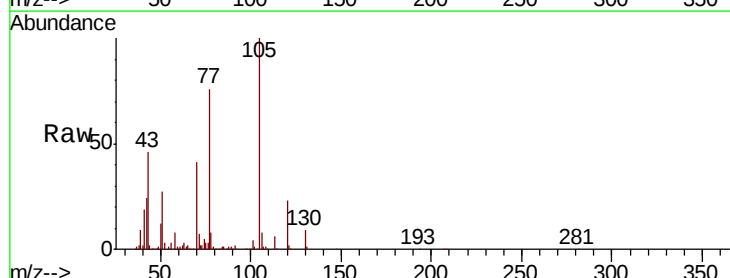
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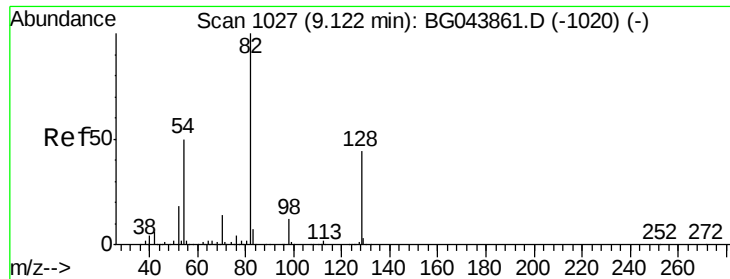
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#22
Acetophenone
Concen: 36.198 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		491868		
71	6.9	4.8	7.2		
51	27.4	21.4	32.0		
120	23.2	18.6	28.0		





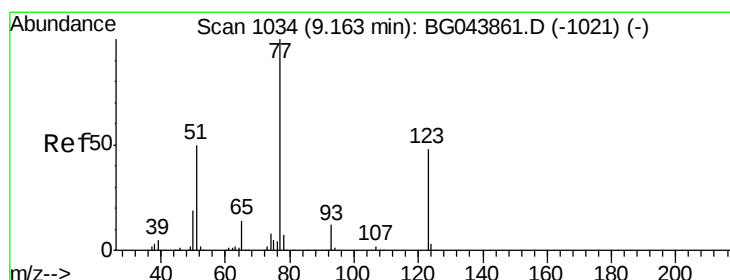
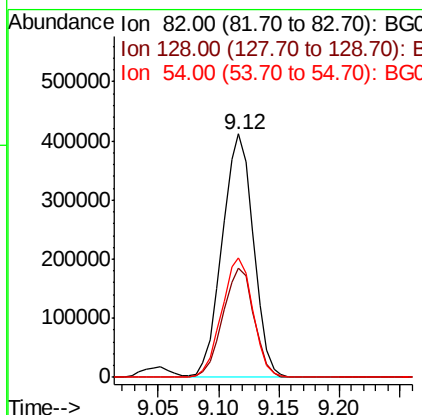
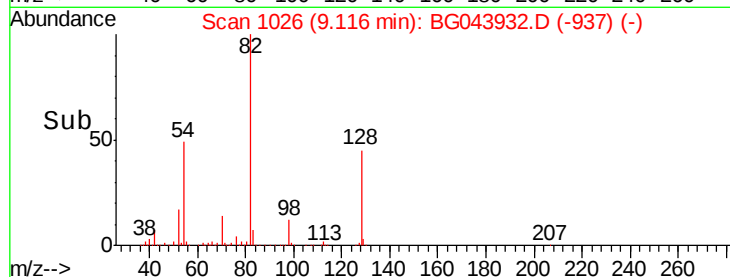
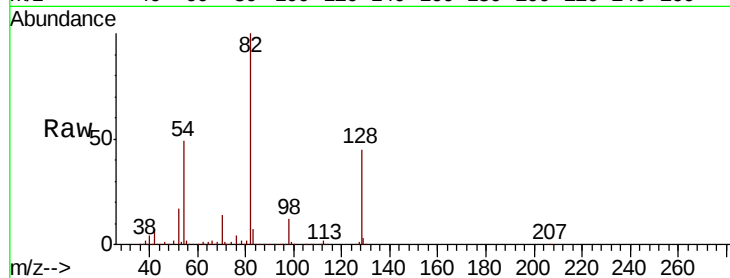
#23
 Nitrobenzene-d5
 Concen: 72.108 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Instrument :
 BNA_G
 ClientSampleID :
 PB125879BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	48.9	40.1	60.1

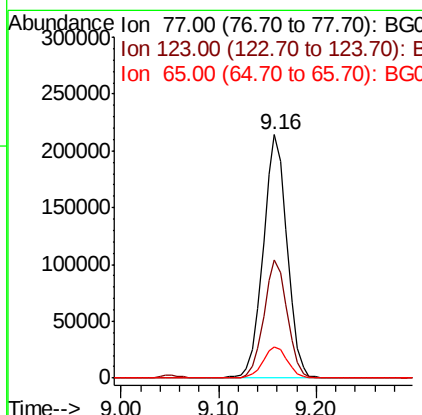
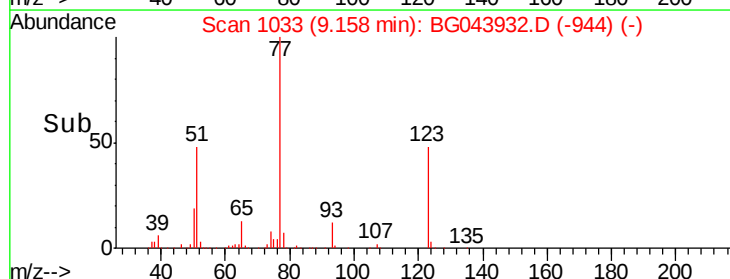
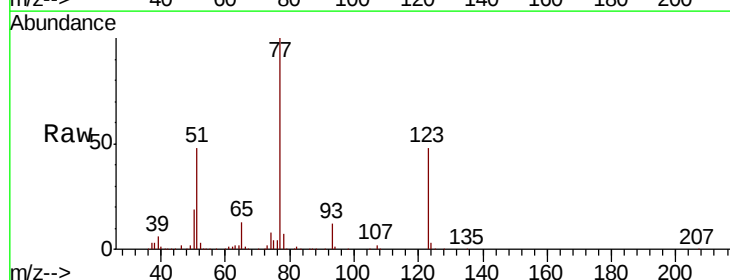
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#24
 Nitrobenzene
 Concen: 36.358 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.7	58.1
65	12.7	11.1	16.7





#25

Isophorone

Concen: 37.056 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

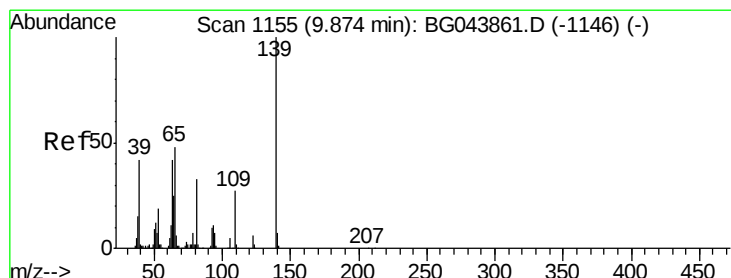
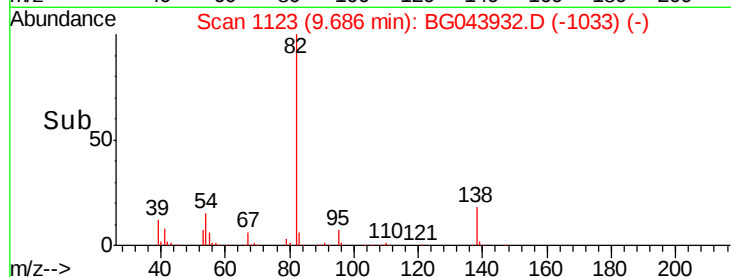
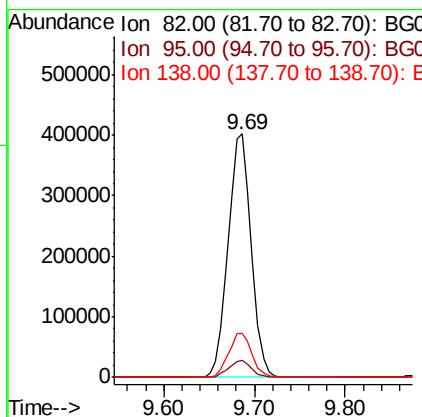
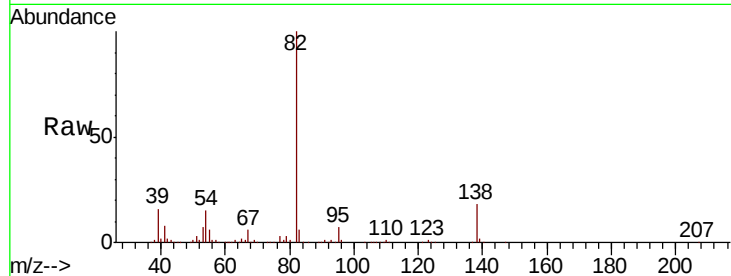
ClientSampleID :

PB125879BS

Tot Ion:	82	Resp:	710306
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	18.2	14.6	22.0

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#26

2-Nitrophenol

Concen: 39.639 ng

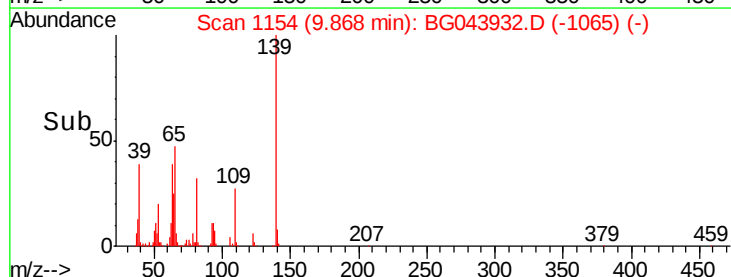
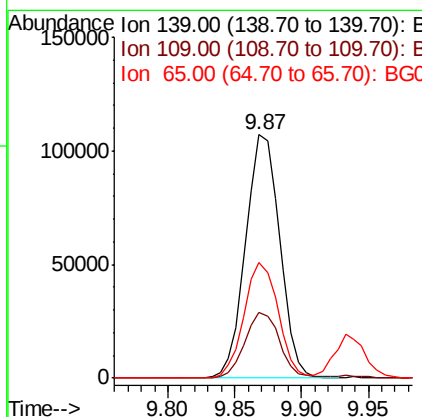
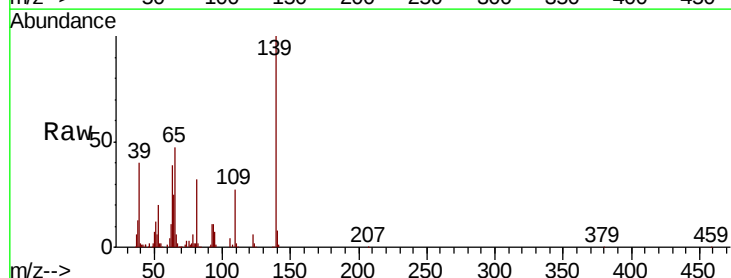
RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion:	139	Resp:	189776
Ion Ratio	Lower	Upper	
139	100		
109	26.9	21.3	31.9
65	47.4	38.6	57.8





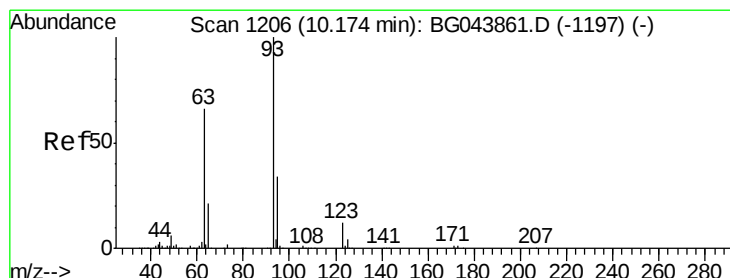
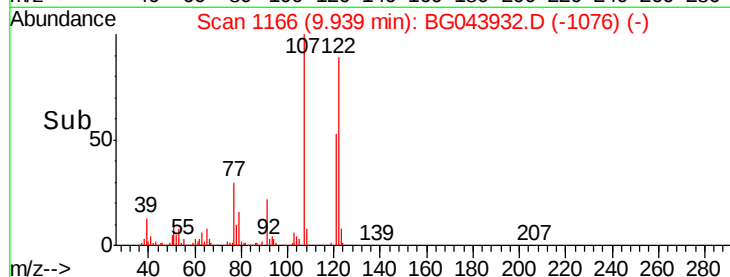
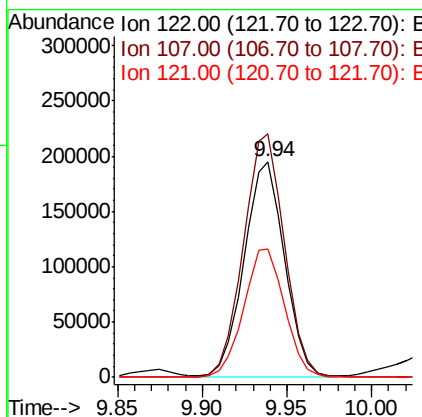
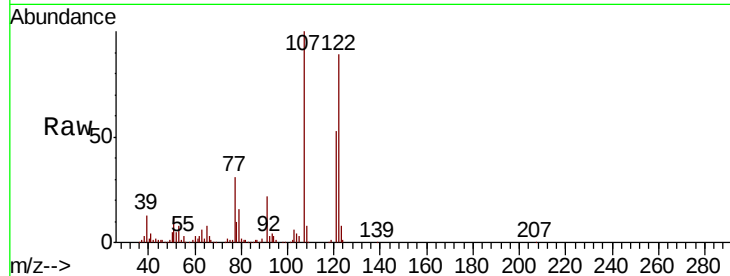
#27
2,4-Dimethylphenol
Concen: 44.902 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	323592		
107	112.7	88.0	132.0	
121	59.5	49.0	73.4	

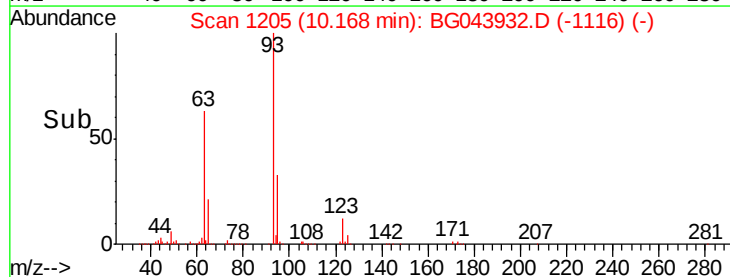
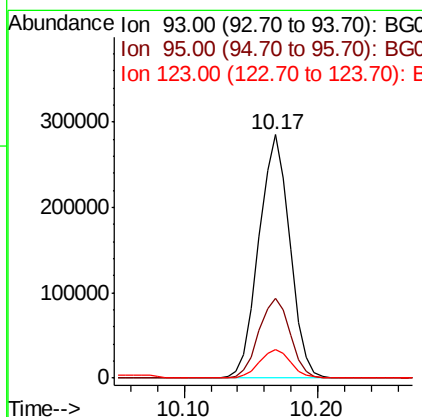
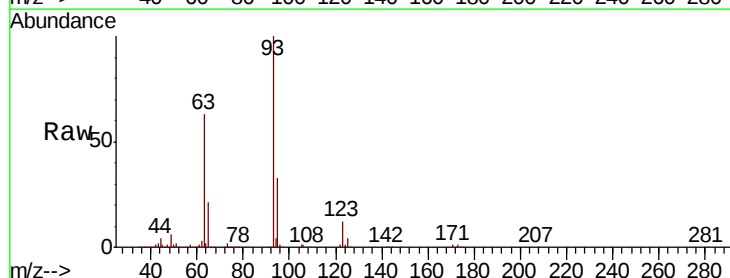
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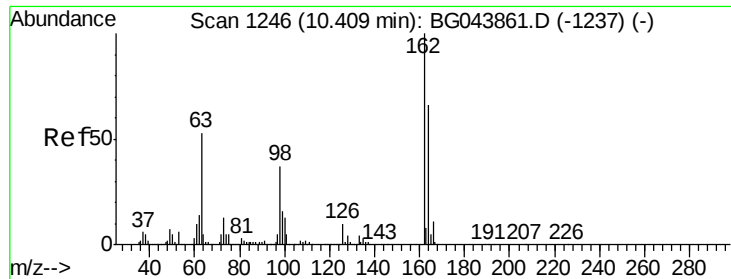
mohammad
1/7/2020 12:30:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.779 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	457219		
95	32.9	27.2	40.8	
123	11.7	9.7	14.5	





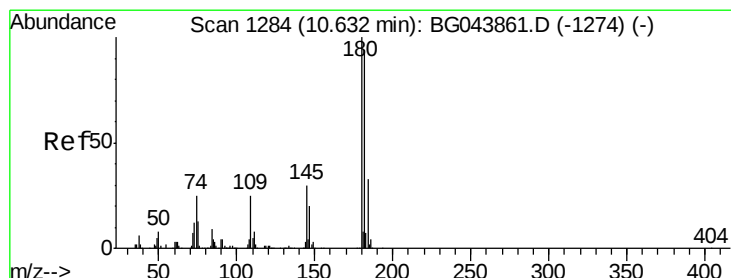
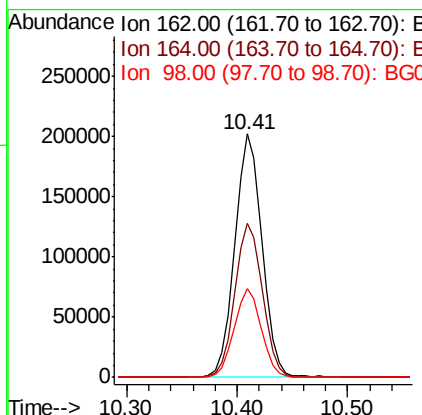
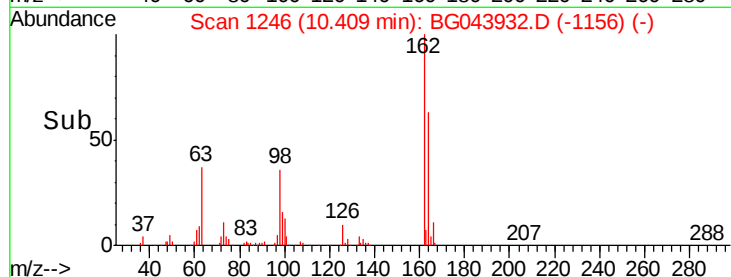
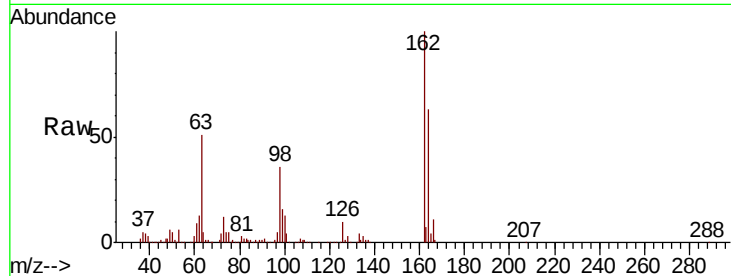
#29
 2,4-Dichlorophenol
 Concen: 40.712 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Instrument :
 BNA_G
 ClientSampleID :
 PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	349977		
164	63.5	46.3	86.3	
98	36.2	17.3	57.3	

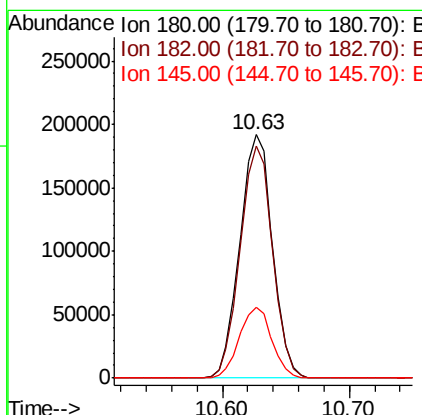
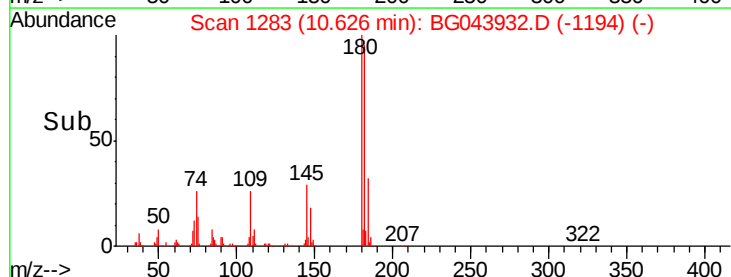
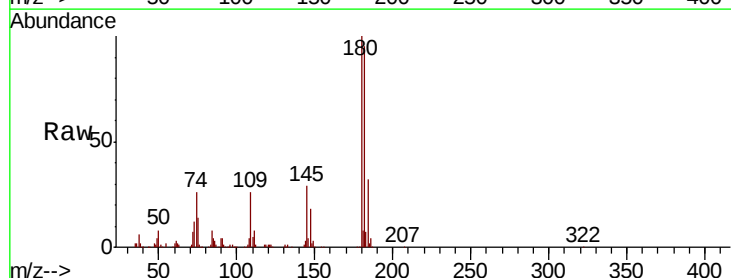
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.500 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	342171		
182	95.3	75.0	112.4	
145	29.3	24.2	36.4	





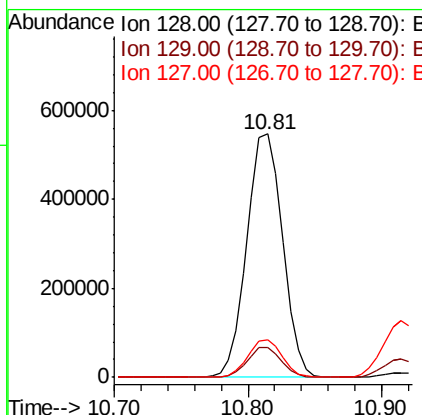
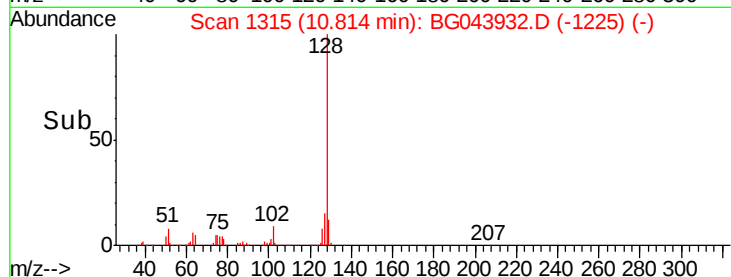
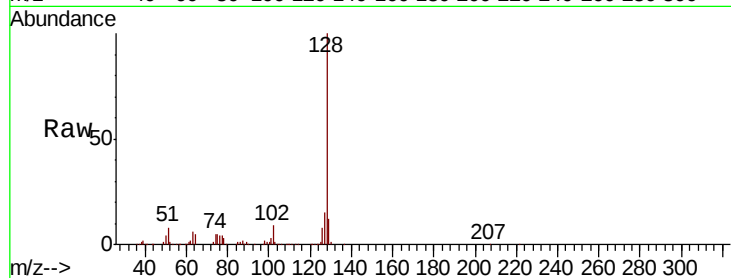
#31
Naphthalene
Concen: 38.248 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	15.3	12.0	18.0

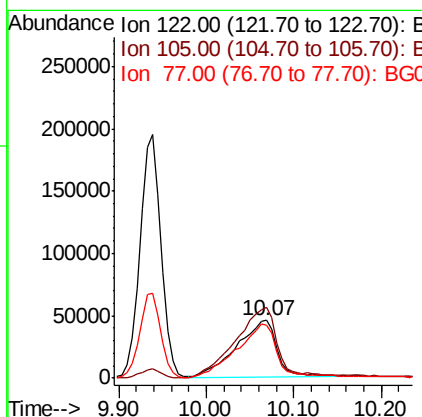
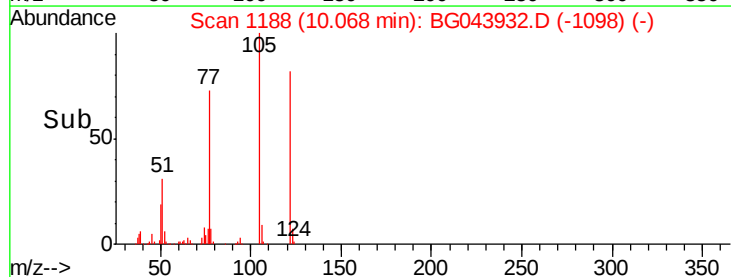
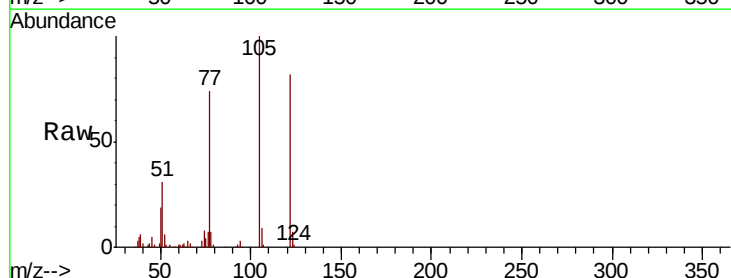
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#32
Benzoic acid
Concen: 27.310 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	106.4	146.4
77	90.6	74.6	114.6





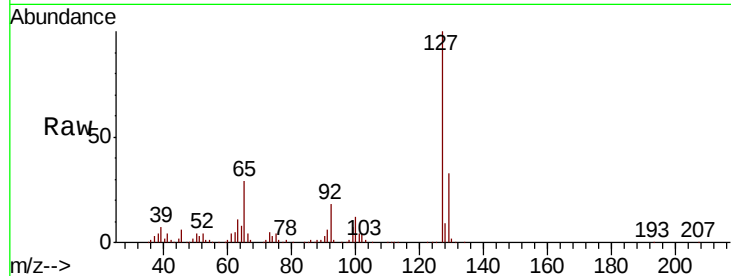
#33
4-Chloroaniline
Concen: 18.721 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.6	40.0	
65	28.5	23.3	34.9	
92	18.2	14.7	22.1	

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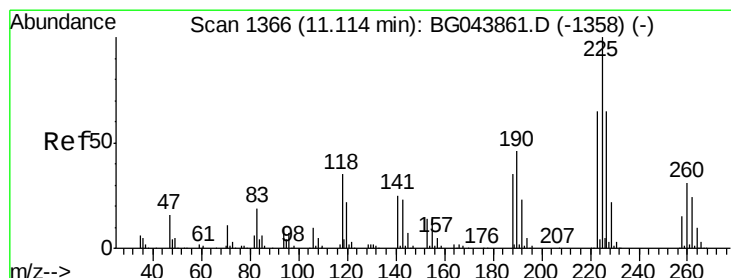
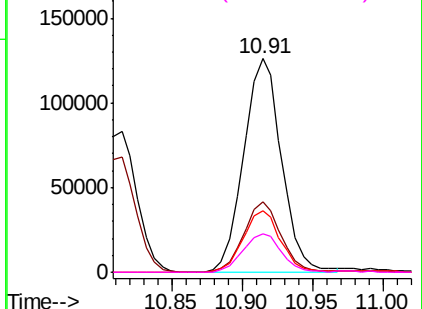
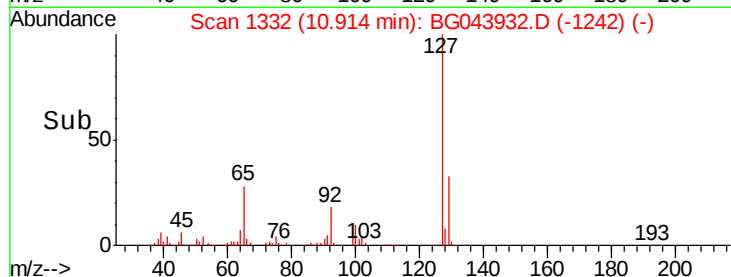
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

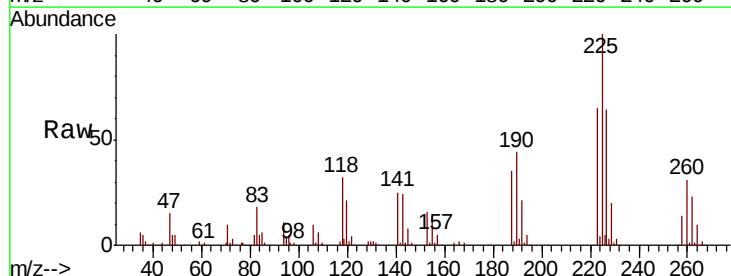
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 33.842 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.9	52.2	78.4	
227	63.6	52.1	78.1	

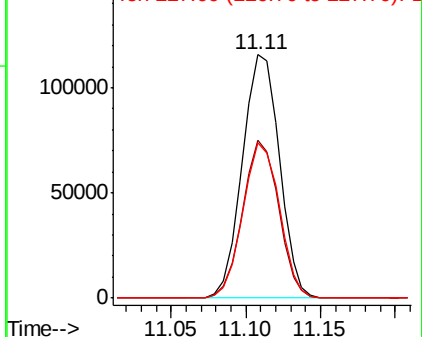
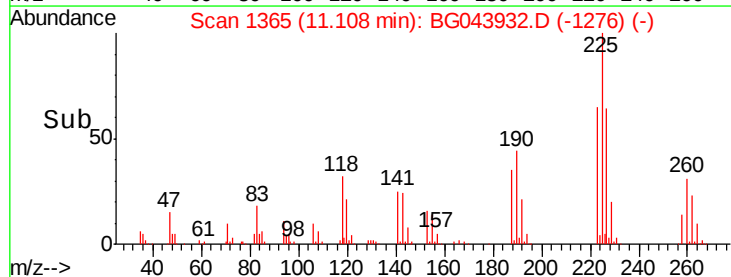


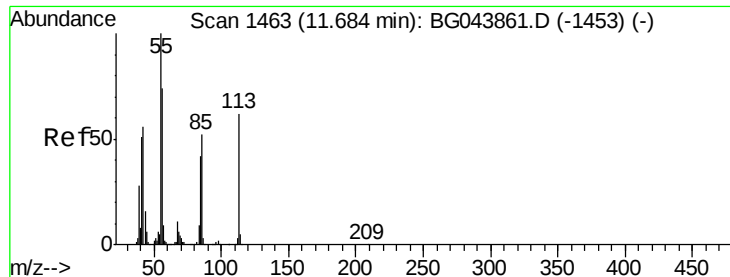
Abundance

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: 39.768 ng/ml

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

ClientSampleId :

PB125879BS

Tot Ion:113 Resp: 127262

Ion Ratio Lower Upper

113 100

55 167.9 142.5 182.5

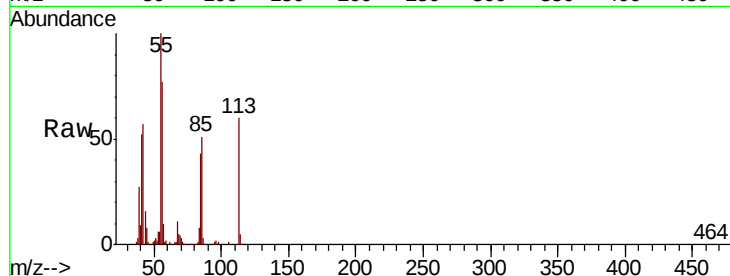
56 129.5 101.4 141.4

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

80000

60000

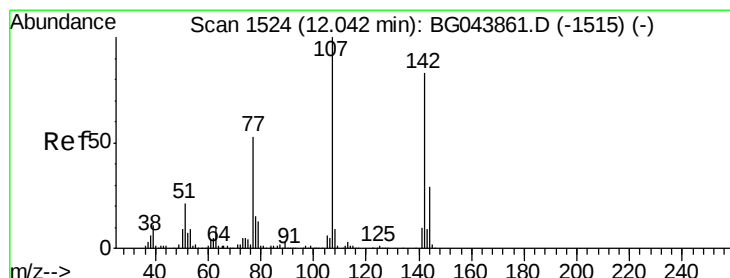
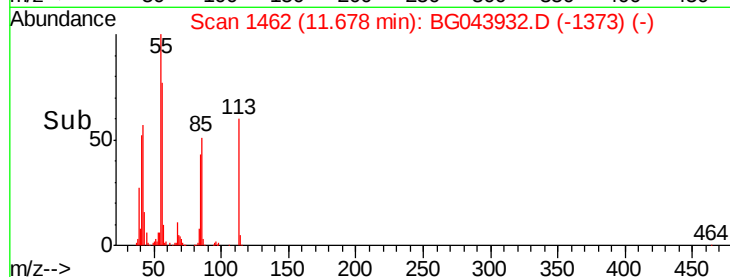
40000

20000

0

11.60 11.70 11.80

Time-->



#36

4-Chloro-3-methylphenol

Concen: 41.828 ng/ml

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

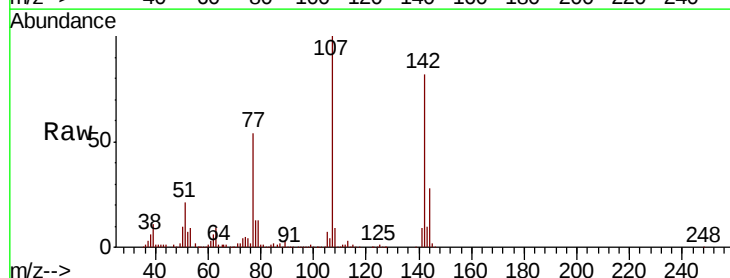
Tgt Ion:107 Resp: 382782

Ion Ratio Lower Upper

107 100

144 27.7 23.4 35.2

142 82.0 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

300000

250000

200000

150000

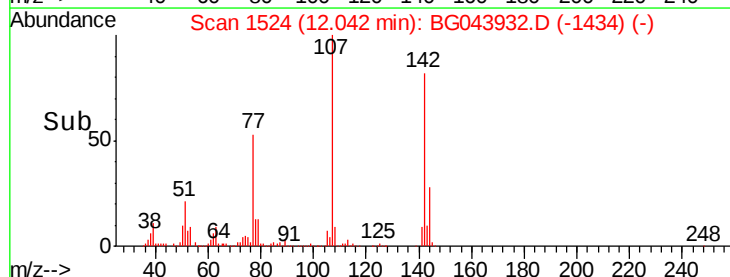
100000

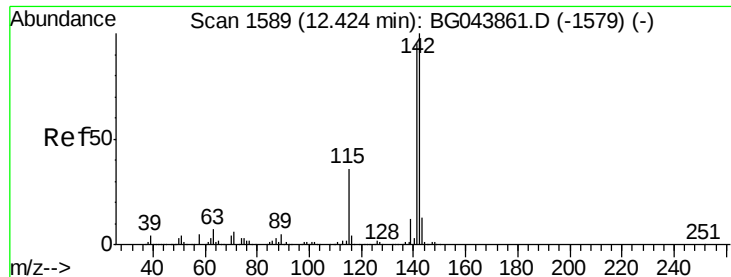
50000

0

12.00 12.10

Time-->





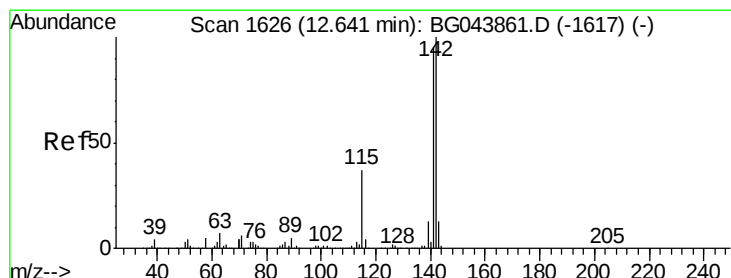
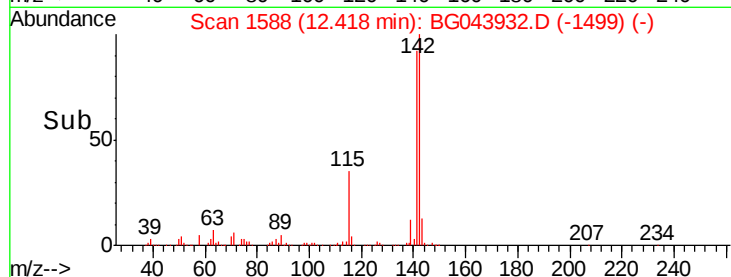
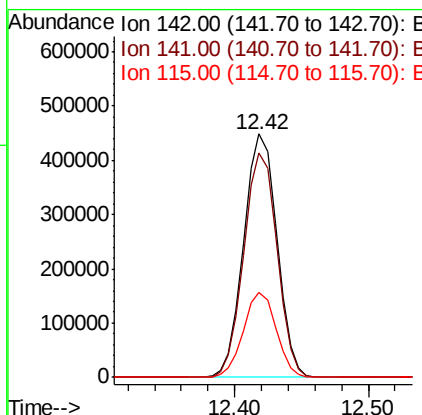
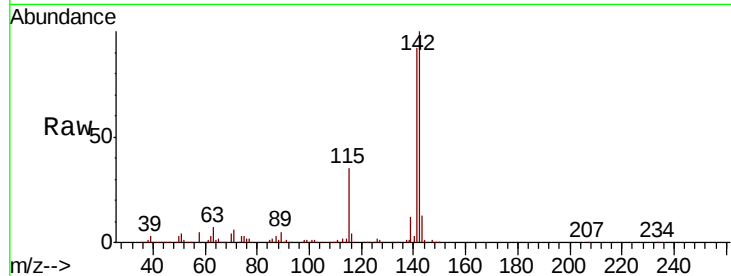
#37
2-Methylnaphthalene
Concen: 38.736 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.8
115	34.7	28.6	42.8

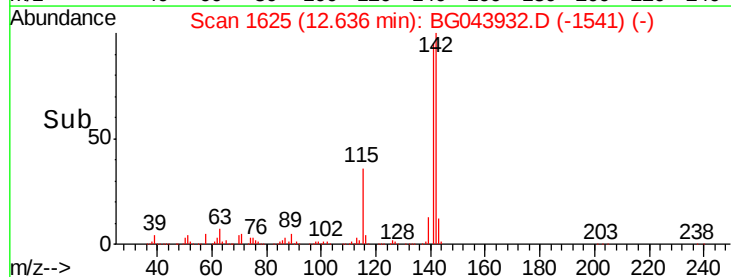
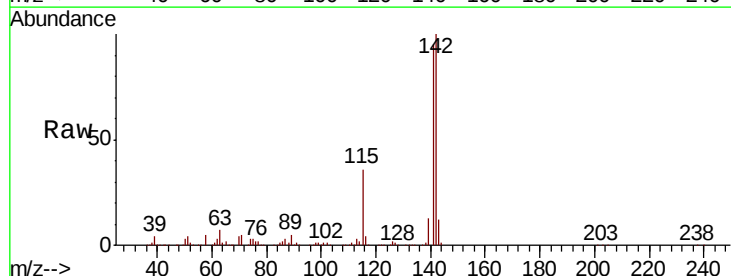
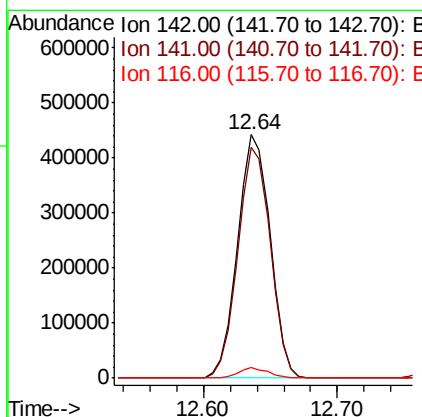
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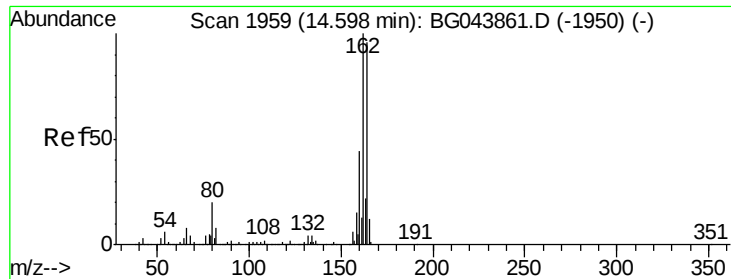
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#38
1-Methylnaphthalene
Concen: 39.522 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.0	114.0
116	4.2	3.1	4.7





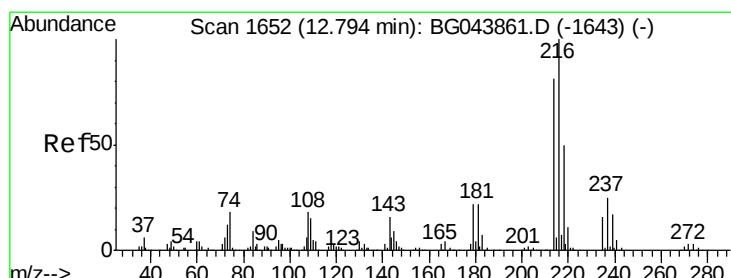
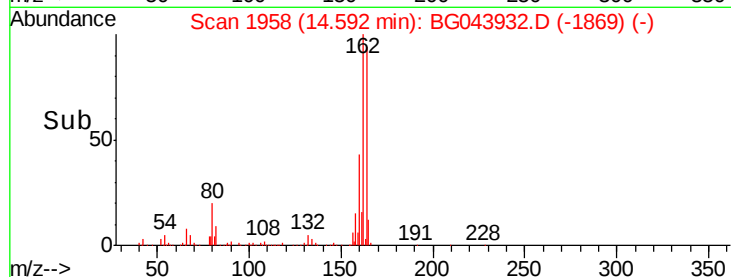
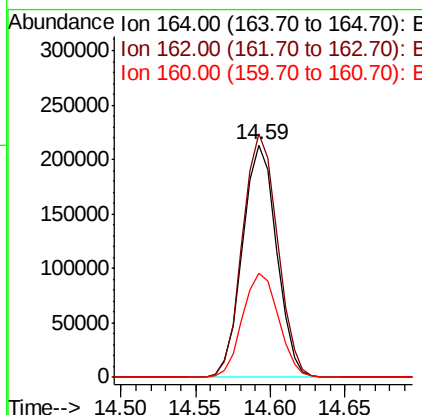
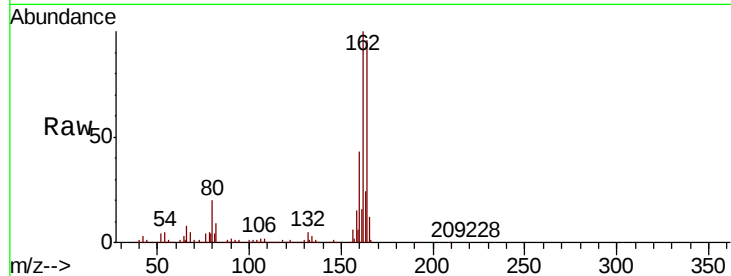
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	83.0	124.4	
160	45.0	36.1	54.1	

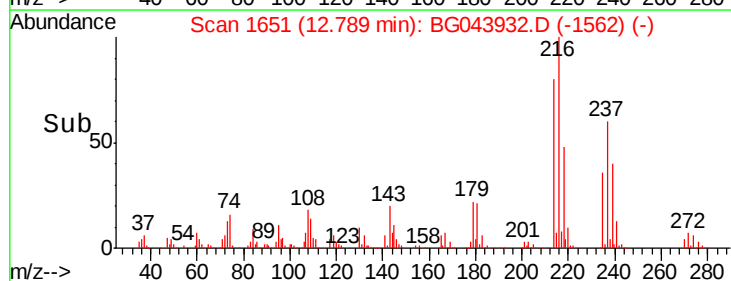
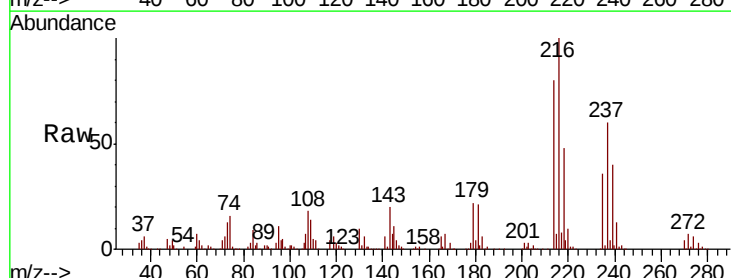
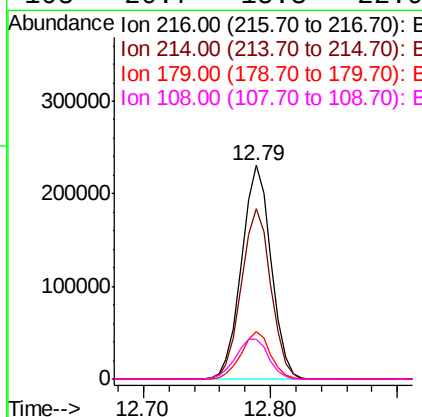
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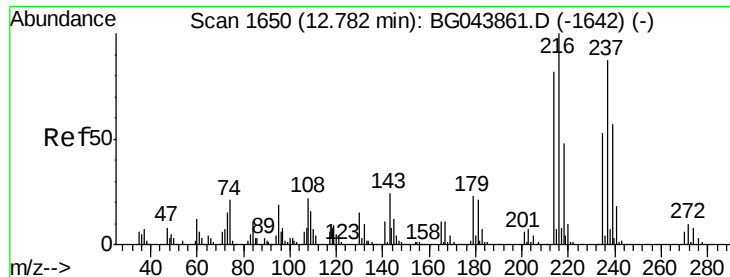
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.591 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.8	
179	21.8	17.3	25.9	
108	20.7	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 79.430 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

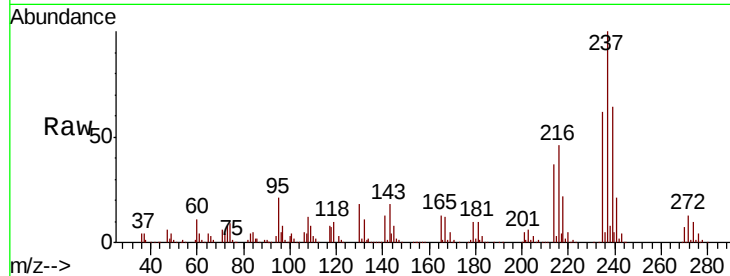
ClientSampleId :

PB125879BS

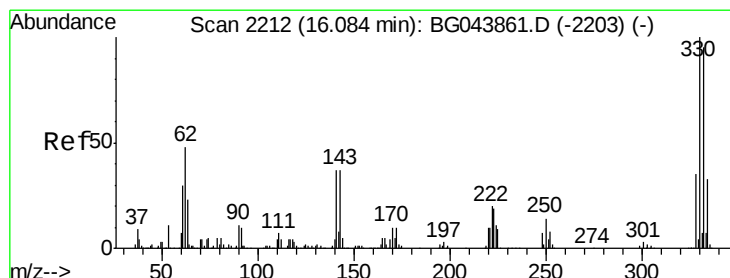
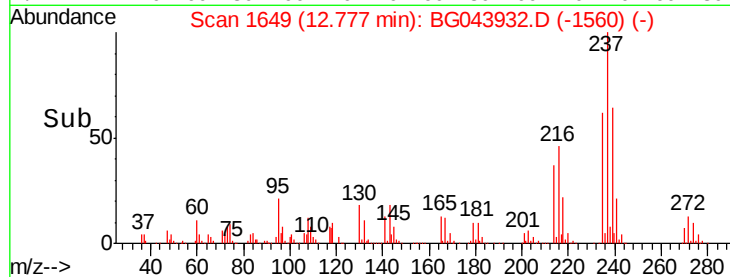
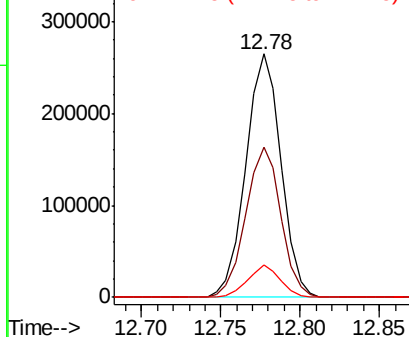
Tot Ion:	237	Resp:	407716
Ion Ratio	Lower	Upper	
237	100		
235	61.9	41.1	81.1
272	13.1	0.0	31.7

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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: 133.226 ng

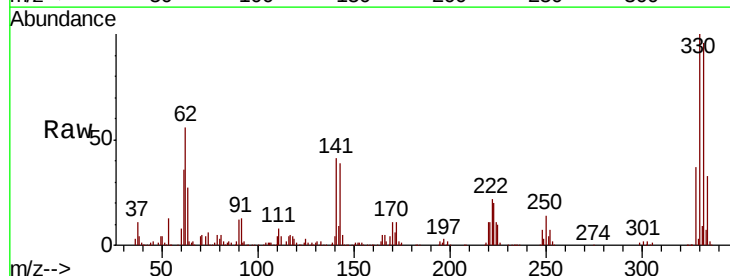
RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

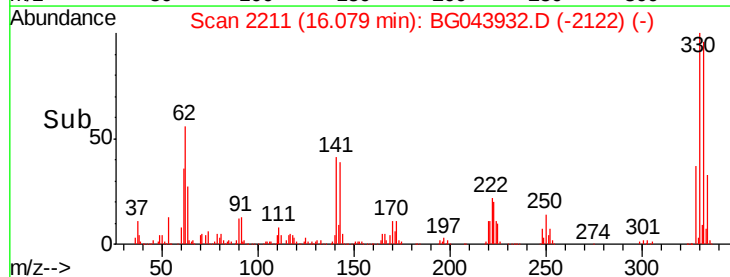
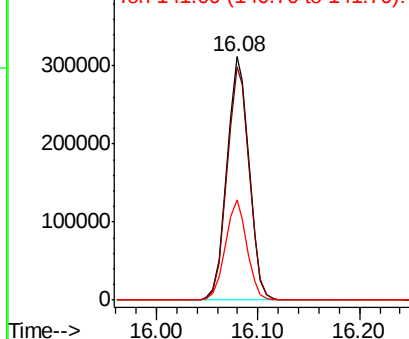
Lab File: BG043932.D

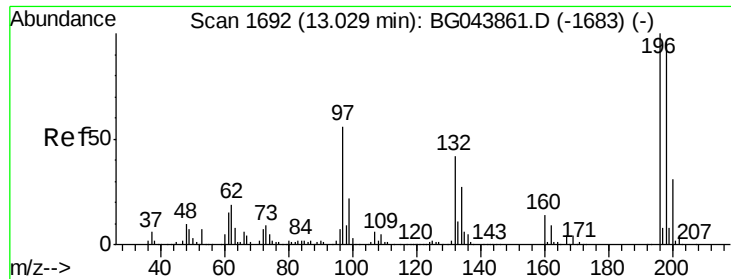
Acq: 6 Jan 2020 15:23

Tgt Ion:	330	Resp:	470954
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	40.1	33.1	49.7



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





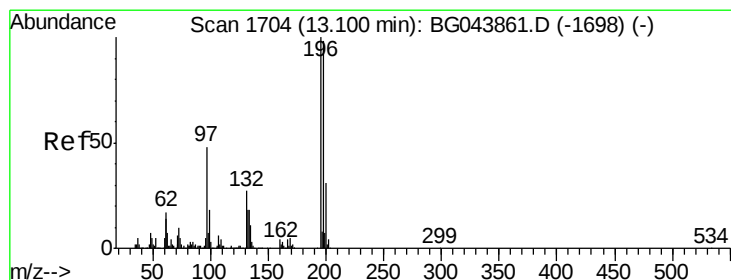
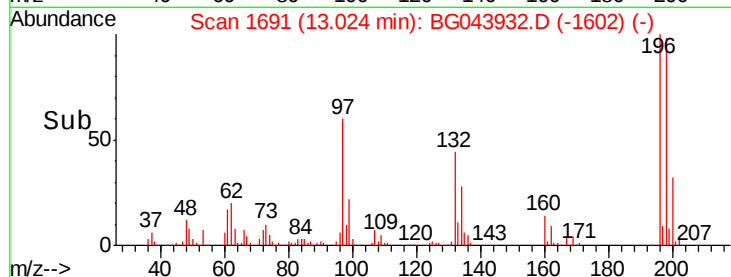
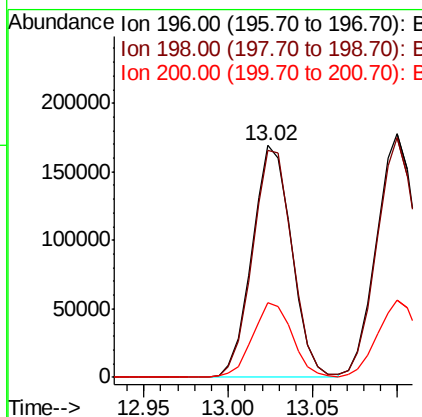
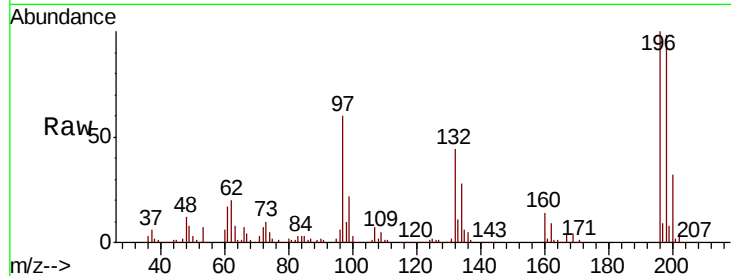
#43
 2,4,6-Trichlorophenol
 Concen: 40.449 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	275565		
198	98.1	76.6	115.0	
200	32.3	24.6	37.0	

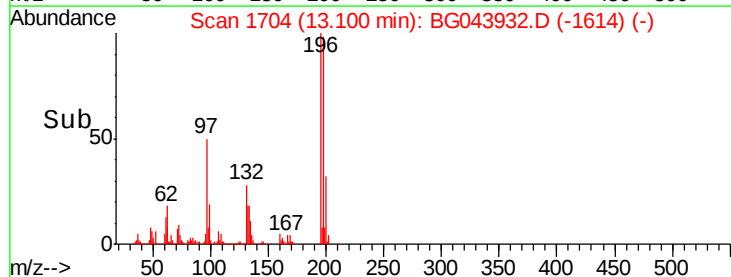
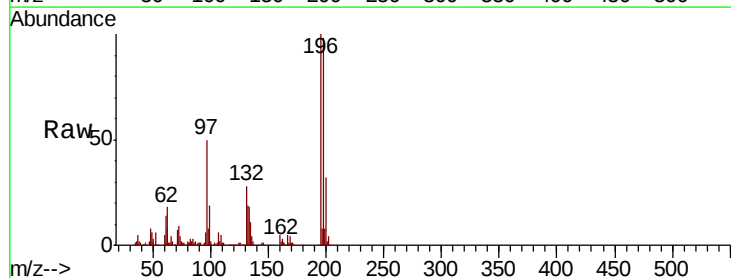
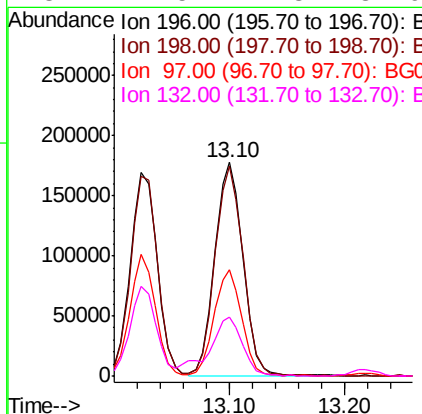
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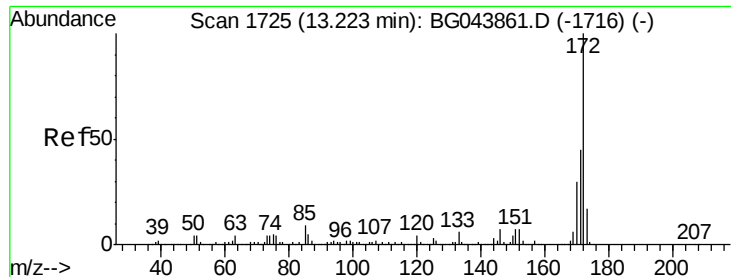
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.432 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298146		
198	98.3	78.3	117.5	
97	50.0	38.8	58.2	
132	27.5	21.3	31.9	





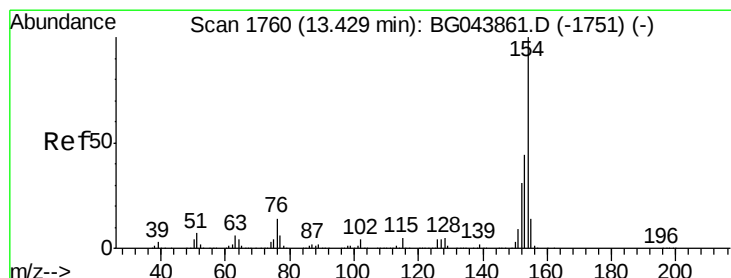
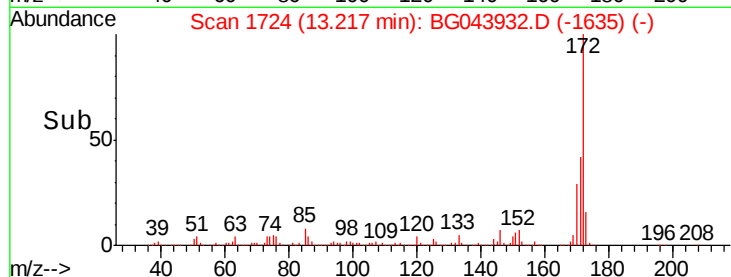
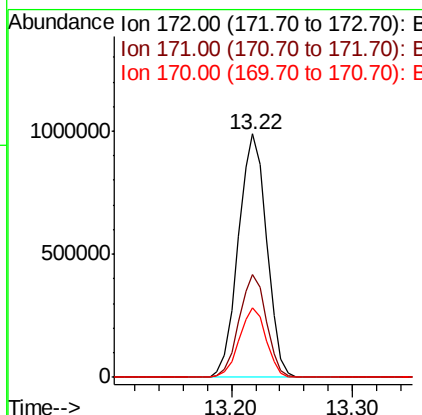
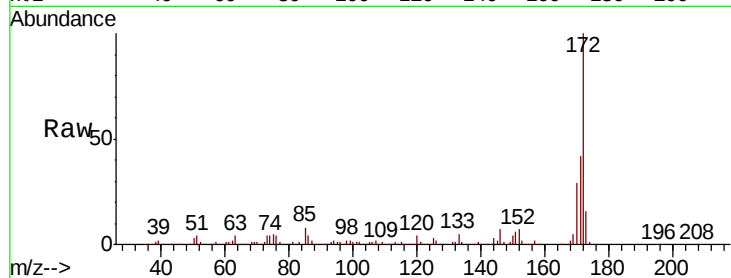
#45
2-Fluorobiphenyl
Concen: 86.455 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.5	35.8	53.8
170	28.8	24.2	36.4

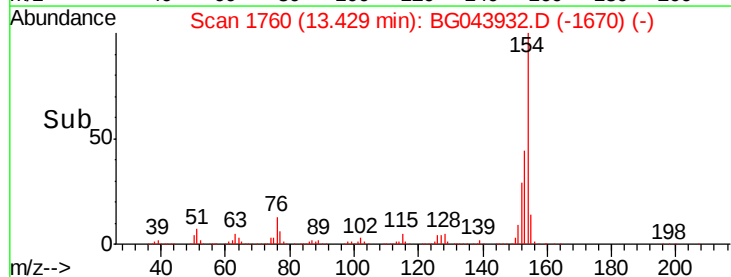
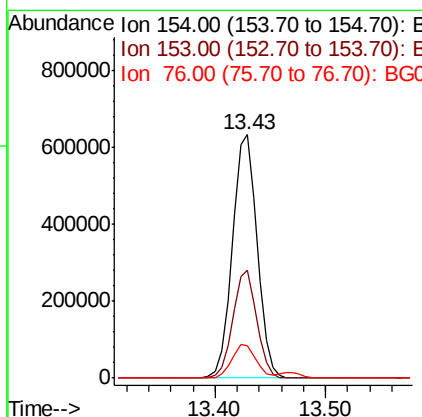
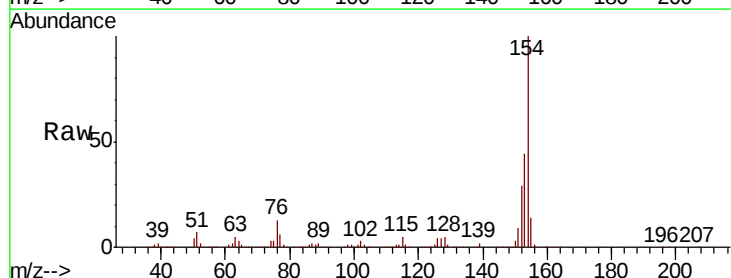
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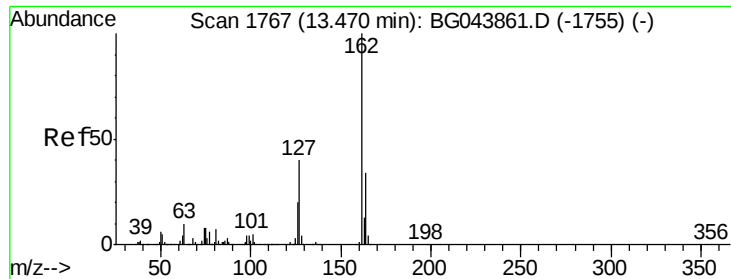
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#46
1,1'-Biphenyl
Concen: 41.009 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.6	63.6
76	13.3	0.0	34.4





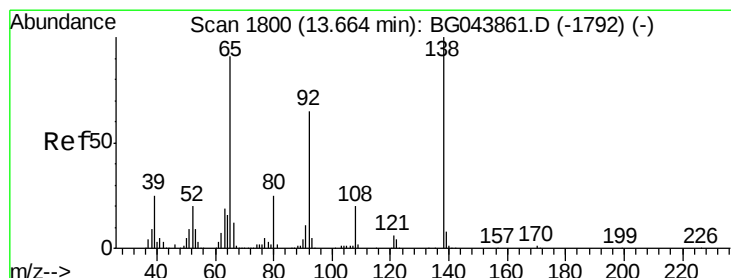
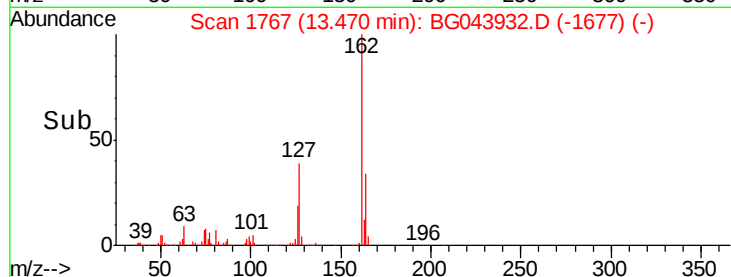
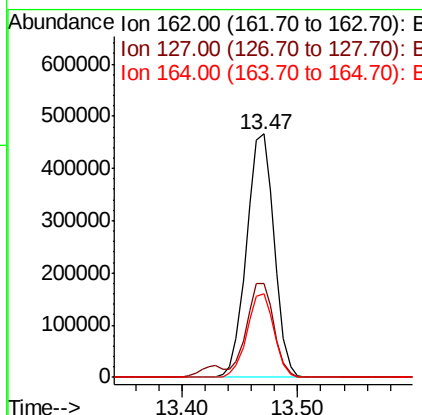
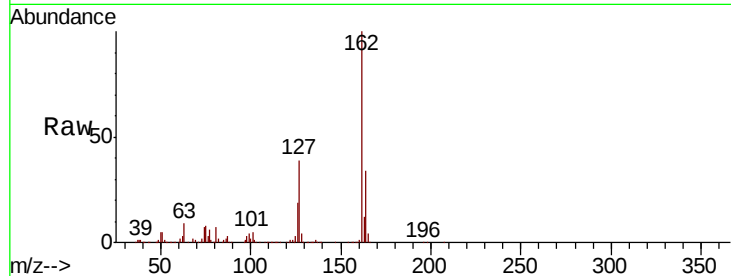
#47
 2-Chloronaphthalene
 Concen: 39.538 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	773793		
127	38.5		32.1	48.1
164	34.3		27.5	41.3

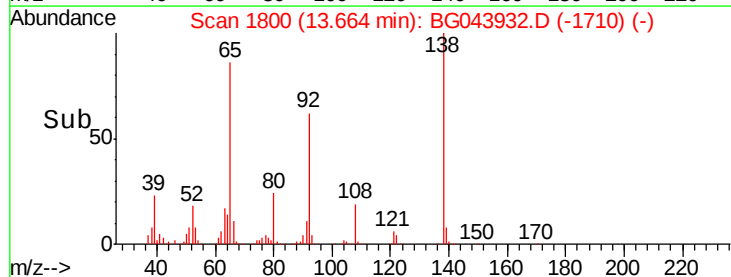
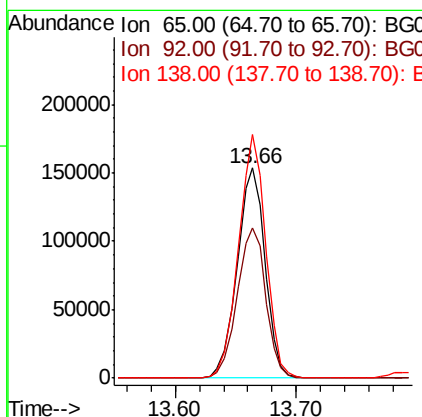
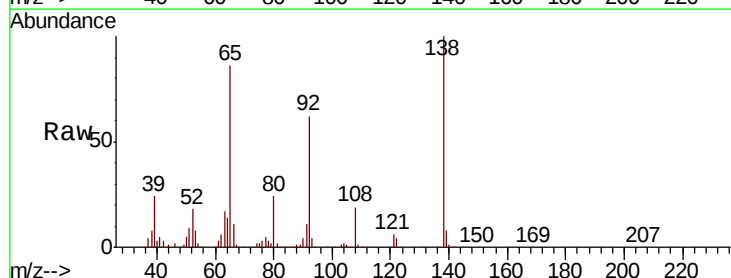
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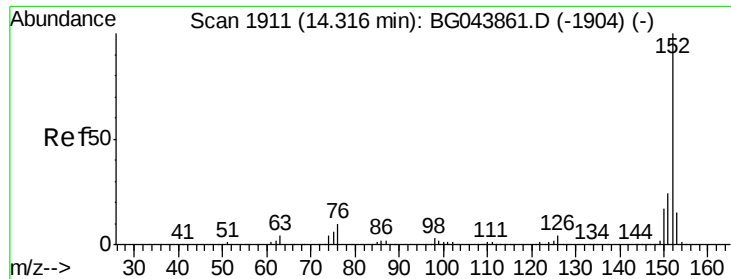
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#48
 2-Nitroaniline
 Concen: 39.336 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	247639		
92	71.8		57.4	86.2
138	116.0		88.2	132.4





#49

Acenaphthylene

Concen: 43.263 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

ClientSampleId :

PB125879BS

Tot Ion:152 Resp: 1216968

Ion Ratio Lower Upper

152 100

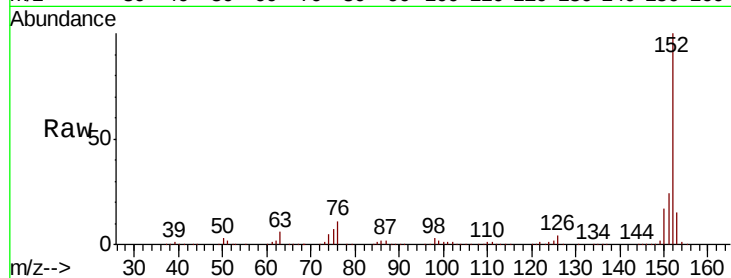
151 23.8 19.4 29.2

153 15.2 12.0 18.0

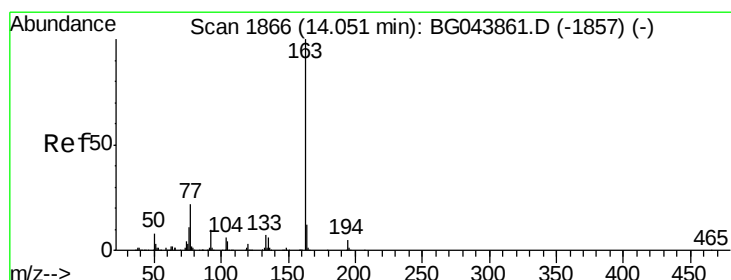
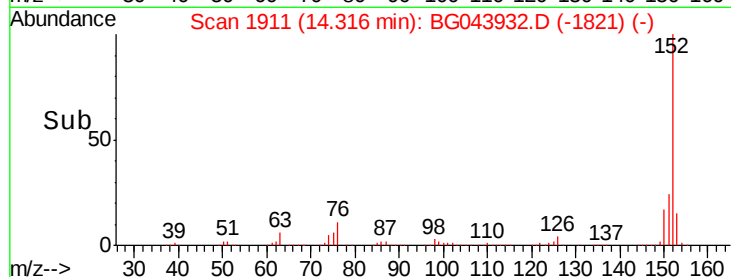
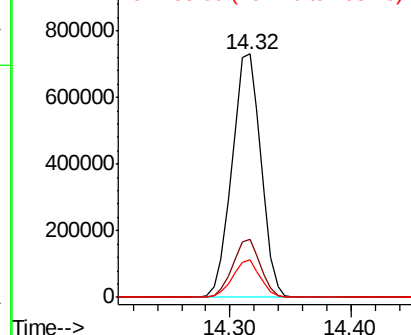
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.559 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

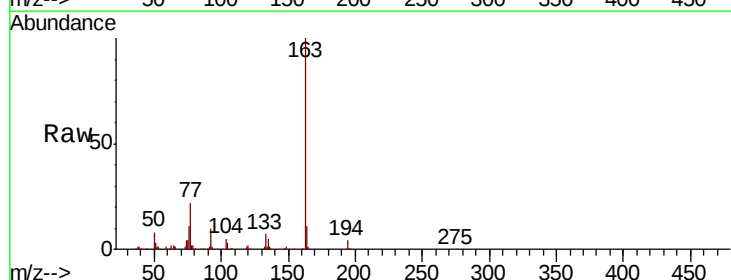
Tgt Ion:163 Resp: 996809

Ion Ratio Lower Upper

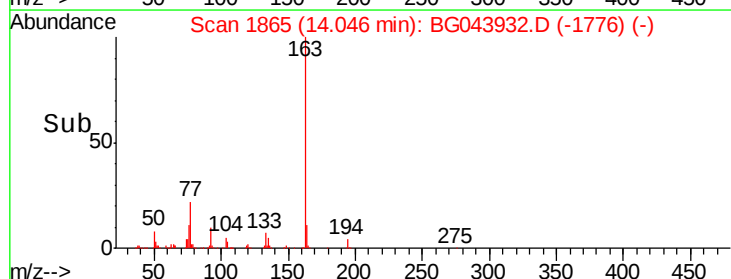
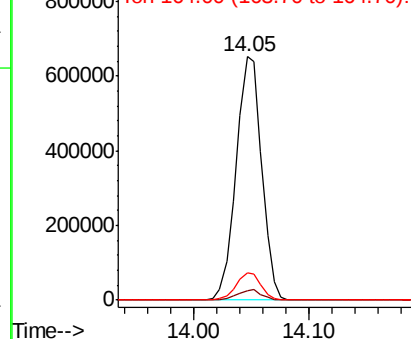
163 100

194 4.1 3.7 5.5

164 11.1 9.3 13.9



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





#51

2,6-Dinitrotoluene

Concen: 42.326 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

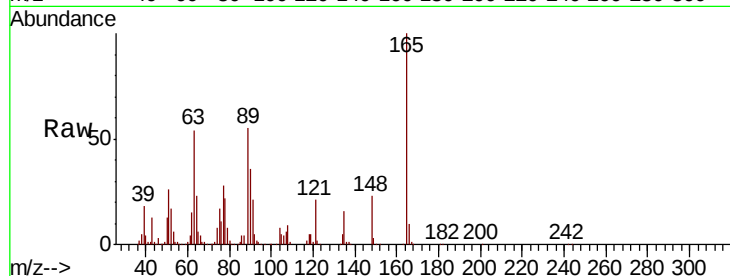
ClientSampleId :

PB125879BS

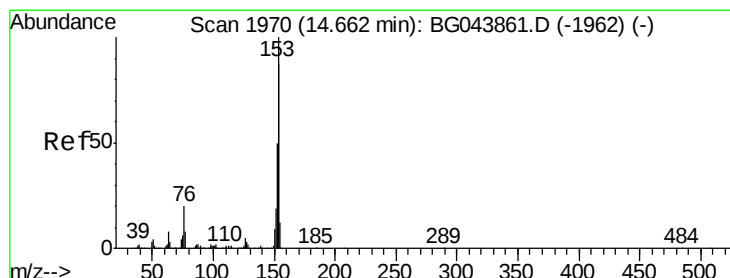
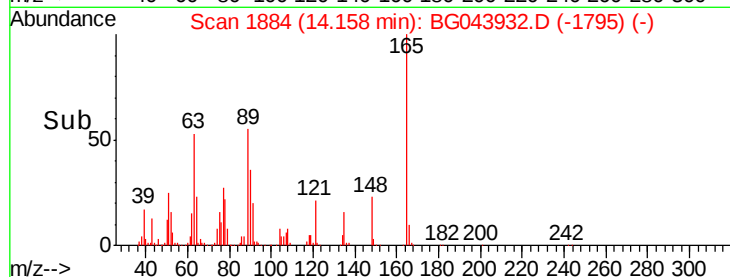
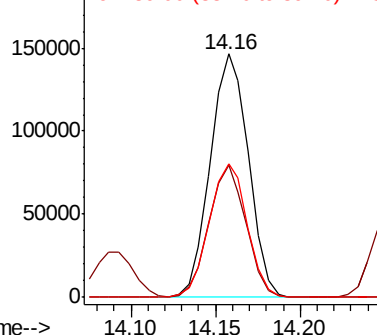
Tot Ion:	165	Resp:	229459
Ion Ratio	Lower	Upper	
165	100		
63	54.2	43.1	64.7
89	54.7	43.8	65.6

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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



#52

Acenaphthene

Concen: 44.522 ng

RT: 14.66 min Scan# 1969

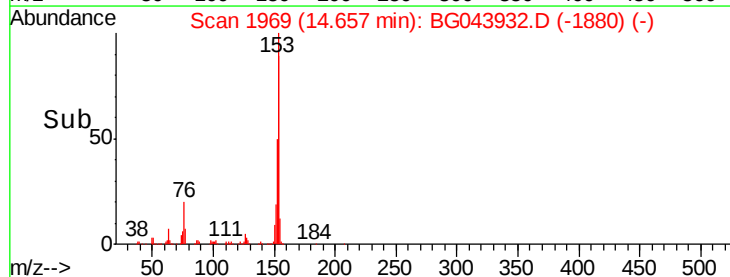
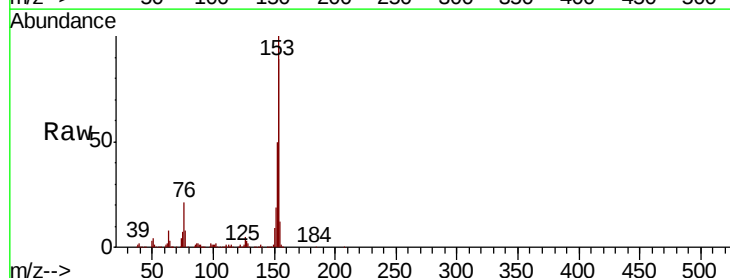
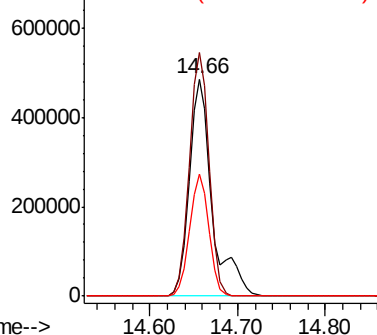
Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion:	154	Resp:	878286
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.6	137.4
152	56.3	45.4	68.0

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





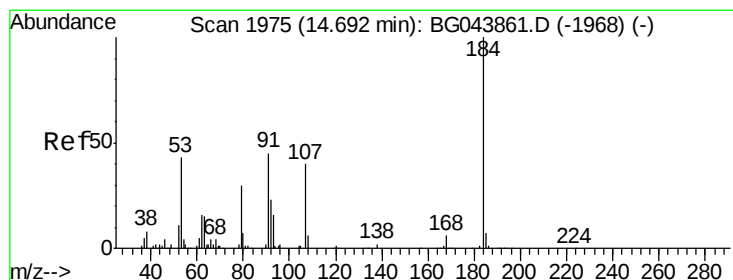
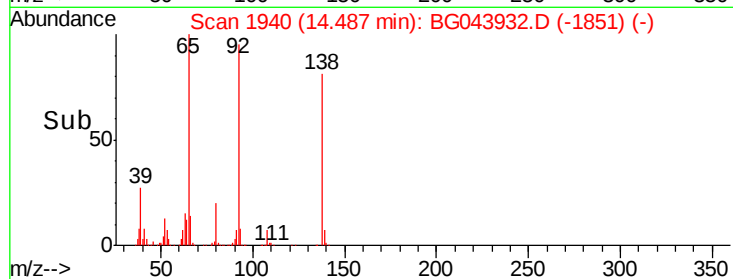
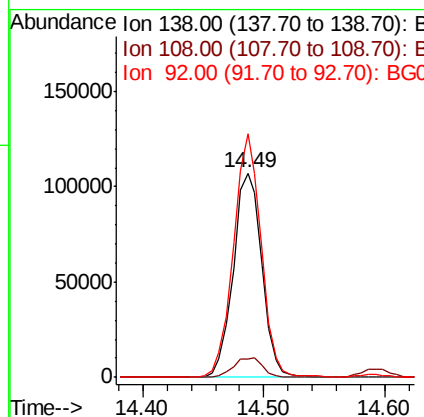
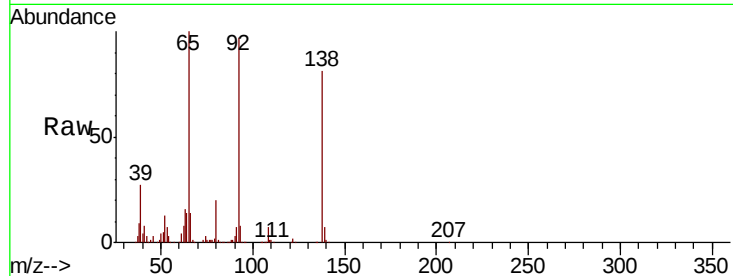
#53
3-Nitroaniline
Concen: 28.671 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.7	7.4	11.2
92	119.2	92.1	138.1

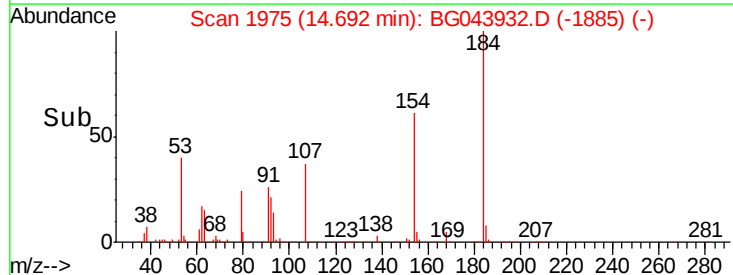
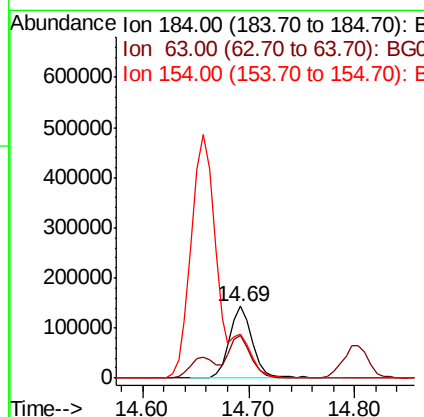
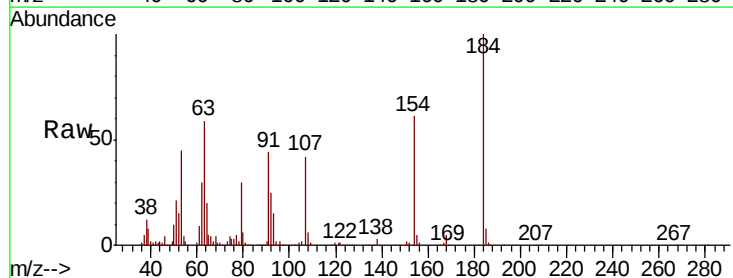
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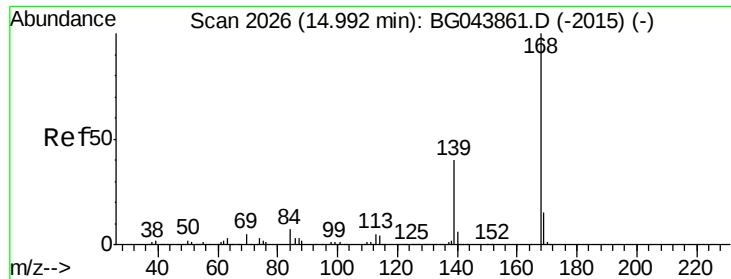
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#54
2,4-Dinitrophenol
Concen: 78.245 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.2	46.6	70.0
154	61.0	50.2	75.4





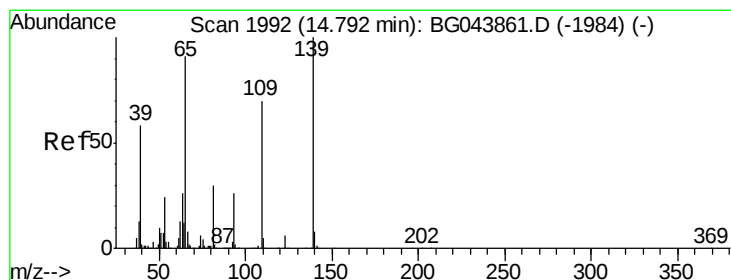
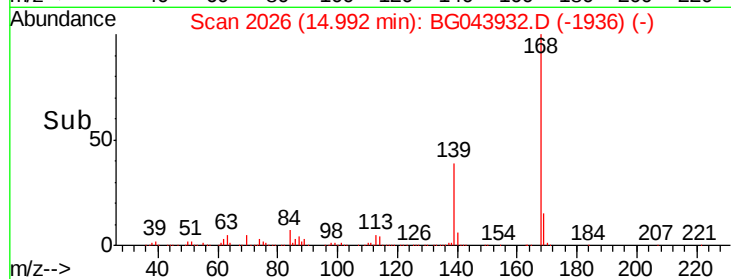
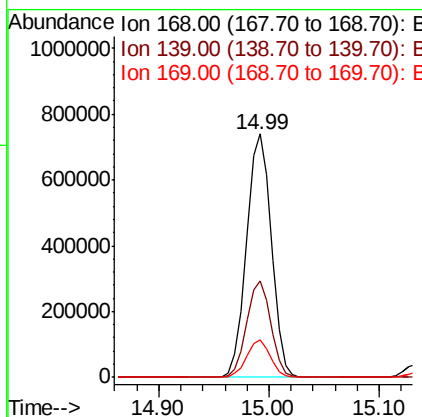
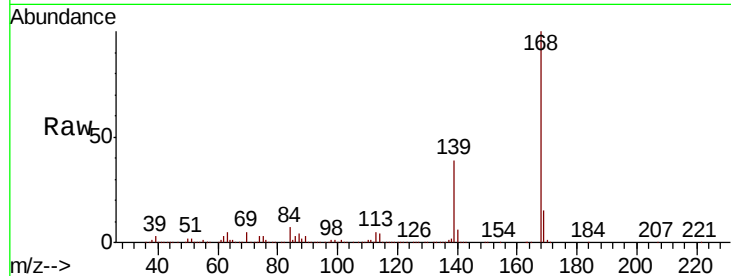
#55
Dibenzofuran
Concen: 43.047 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.2	48.2
169	15.5	12.2	18.2

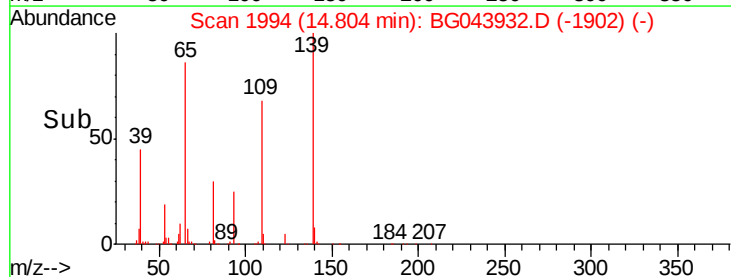
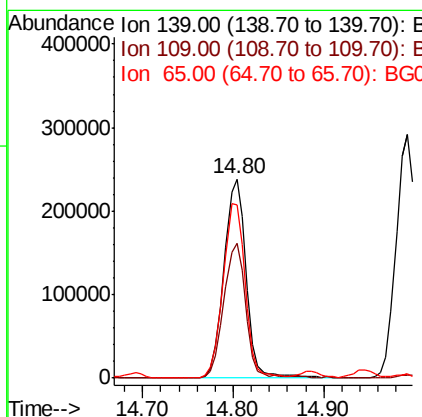
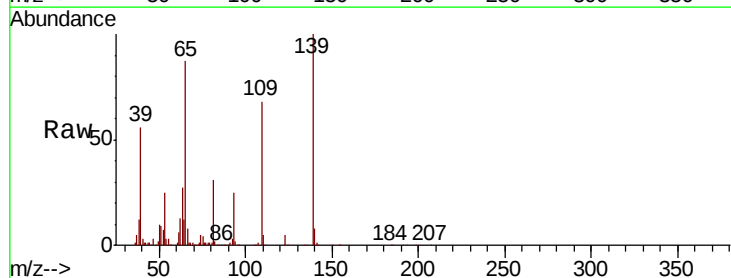
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#56
4-Nitrophenol
Concen: 85.957 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	50.4	90.4
65	87.4	71.4	111.4





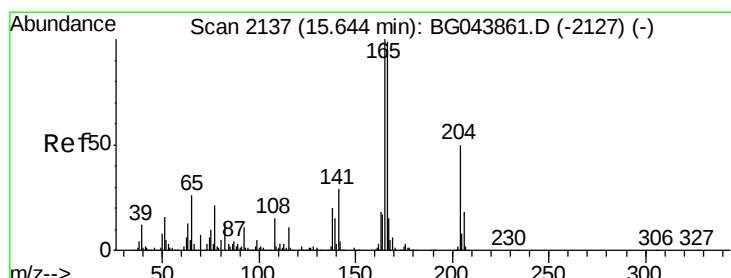
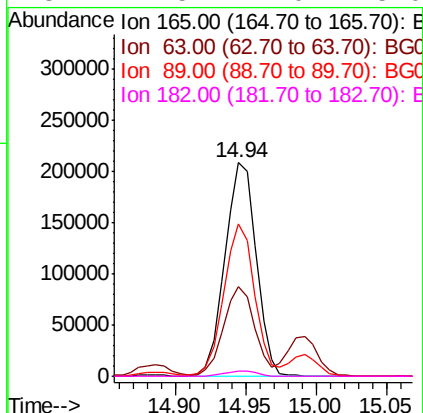
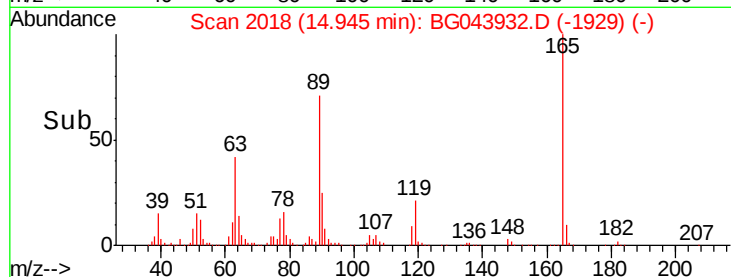
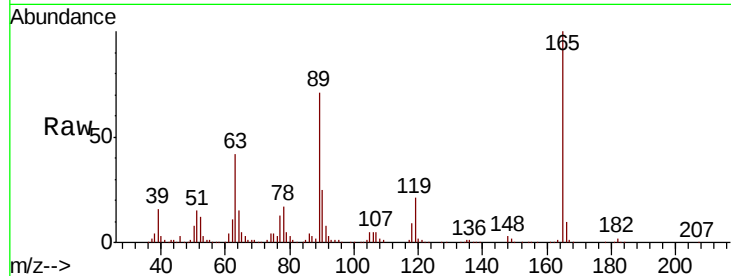
#57
2,4-Dinitrotoluene
Concen: 43.717 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		322486		
63	41.9	31.9	47.9		
89	71.5	53.8	80.6		
182	2.5	2.0	3.0		

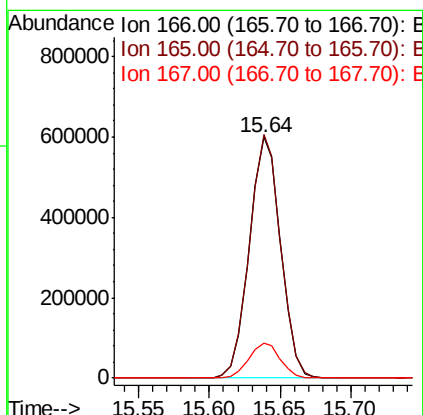
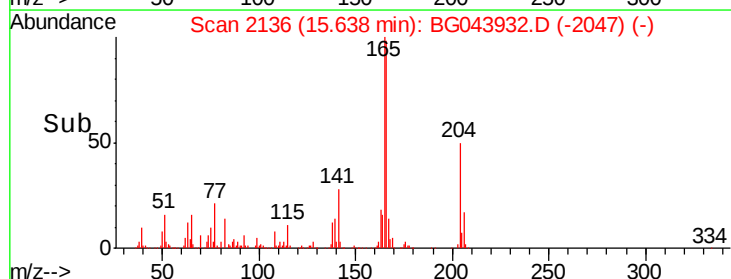
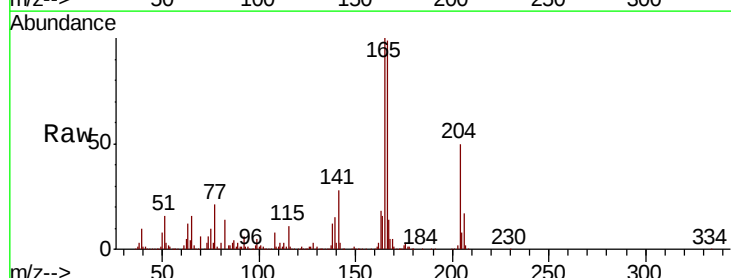
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#58
Fluorene
Concen: 43.335 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		932739		
165	101.1	80.8	121.2		
167	14.6	12.1	18.1		





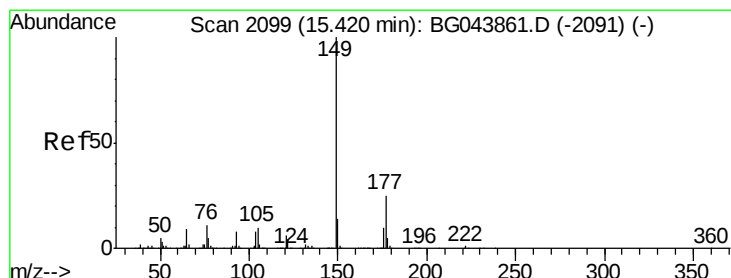
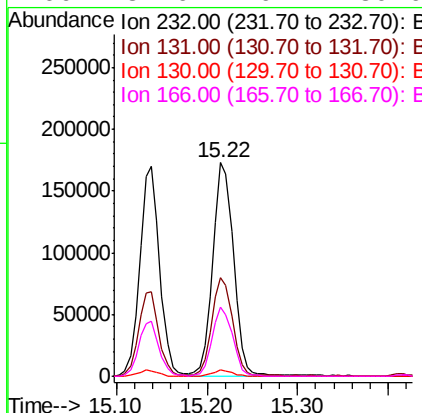
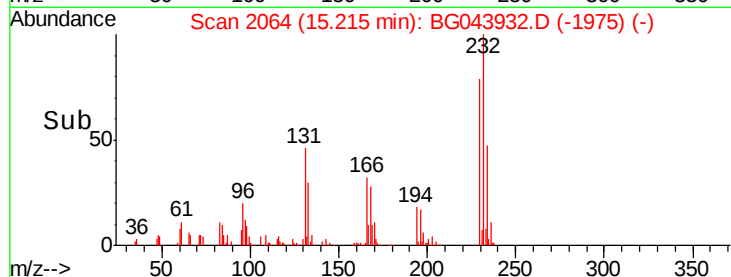
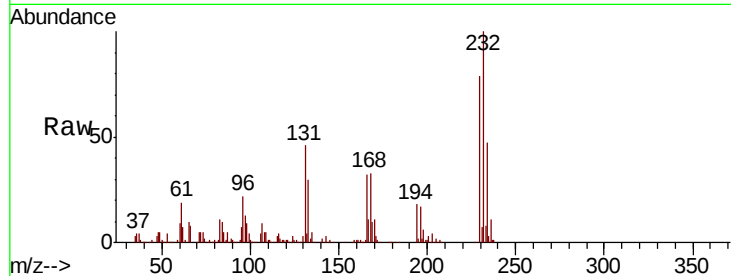
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.557 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	275253		
131	45.5		38.2	57.2
130	2.6		2.2	3.2
166	31.6		26.4	39.6

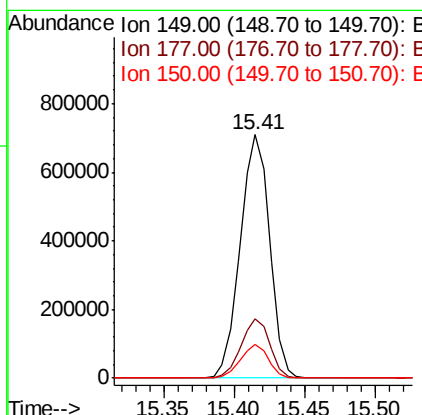
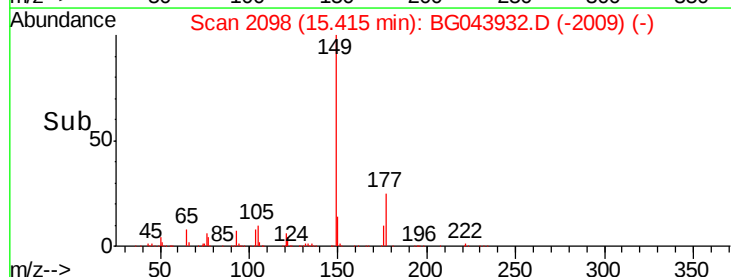
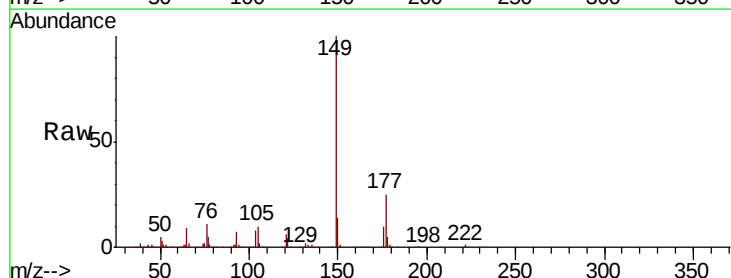
Manual Integrations
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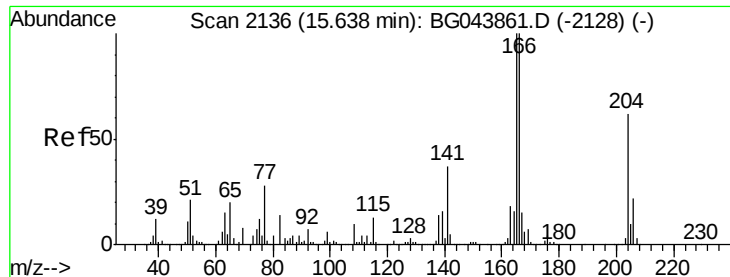
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#60
 Diethylphthalate
 Concen: 43.052 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1032813		
177	24.5		20.0	30.0
150	13.7		11.1	16.7





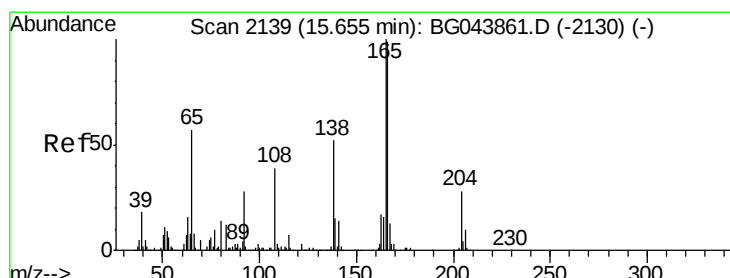
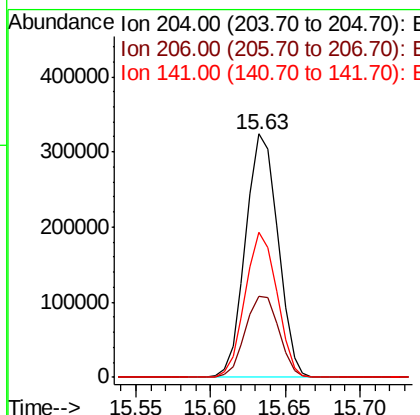
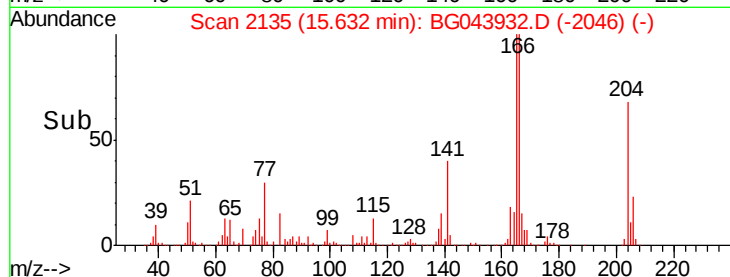
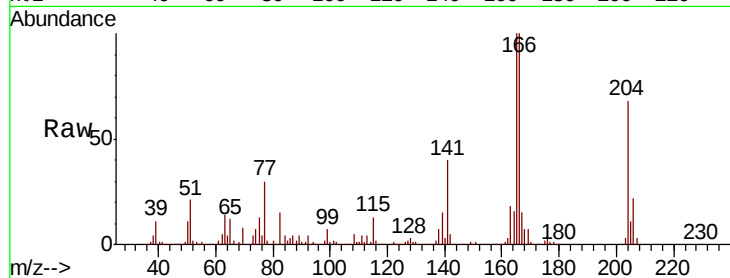
#61
4-Chlorophenyl-phenylether
Concen: 41.532 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	28.2	42.2
141	59.4	48.2	72.2

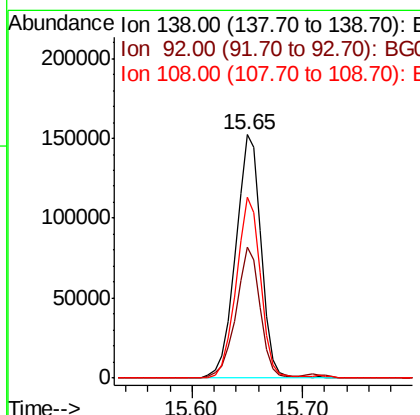
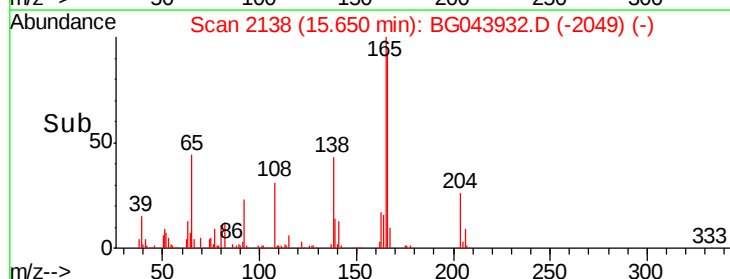
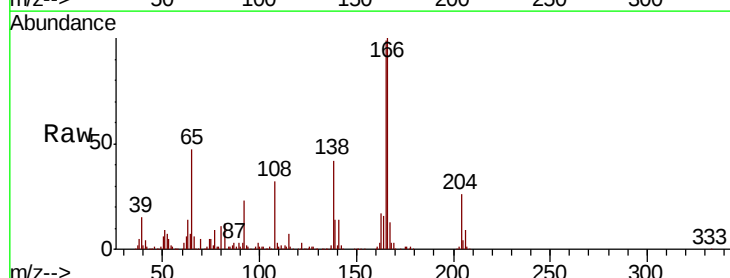
Manual Integrations
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#62
4-Nitroaniline
Concen: 40.470 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	34.3	74.3
108	74.5	55.0	95.0





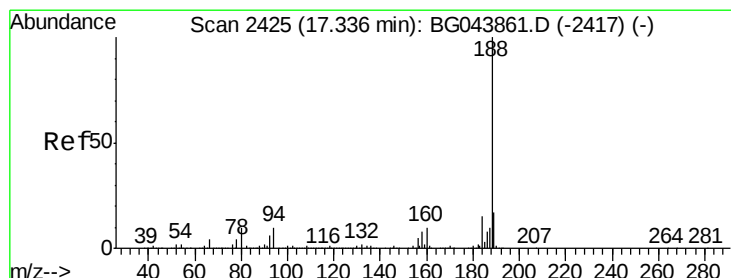
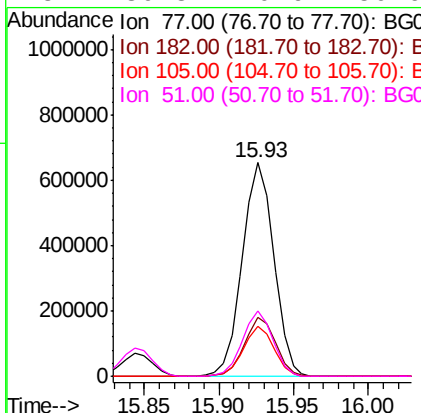
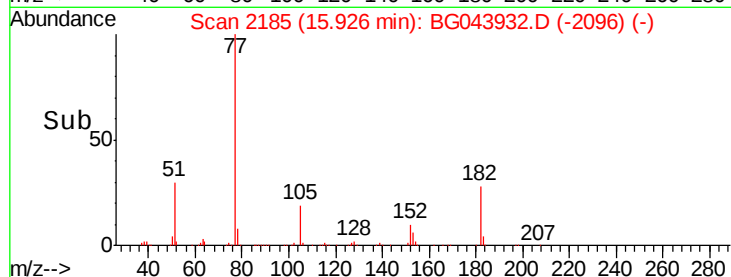
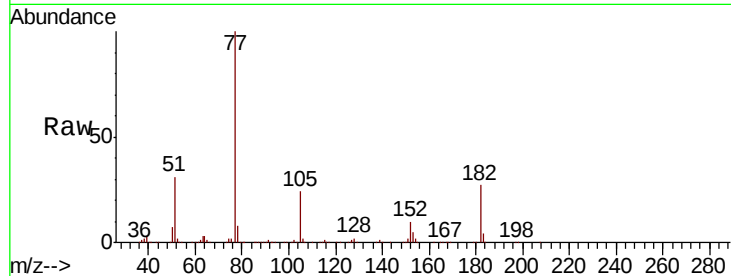
#63
Azobenzene
Concen: 42.831 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		952898		
182	27.3	7.3	47.3		
105	23.7	3.2	43.2		
51	30.8	10.6	50.6		

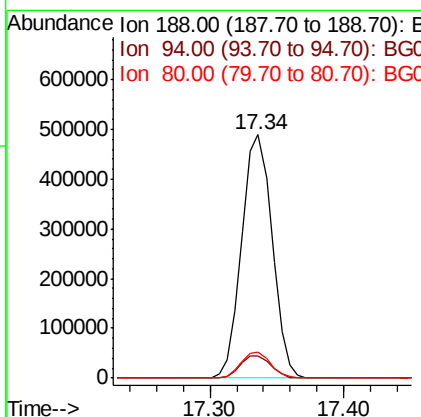
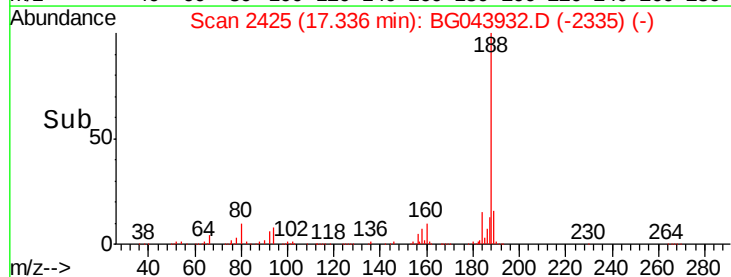
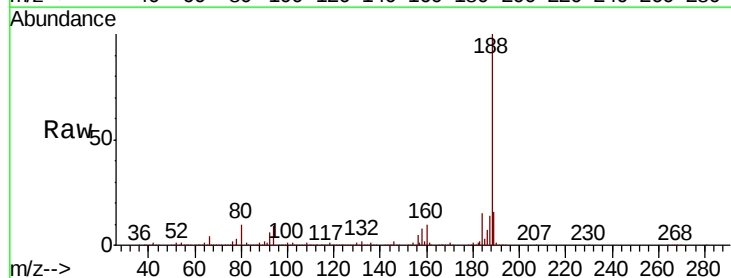
Manual Integrations
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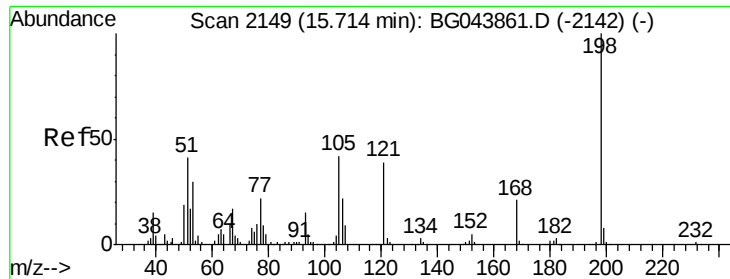
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		770036		
94	9.2	7.9	11.9		
80	10.5	8.2	12.4		





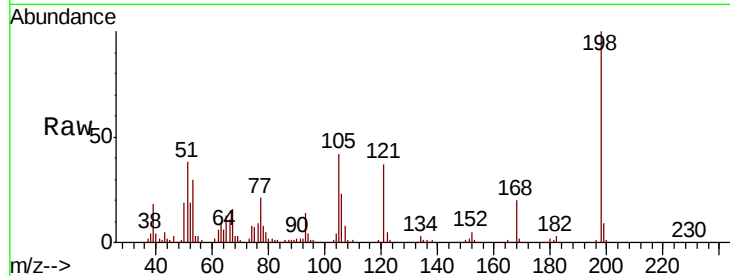
#65
4,6-Dinitro-2-methylphenol
Concen: 41.821 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	163455		
51	37.7	22.5	62.5	
105	41.6	22.3	62.3	

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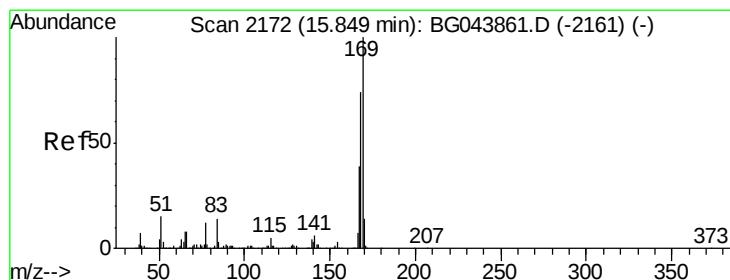
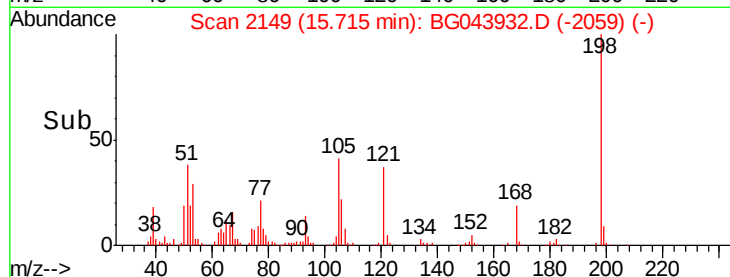
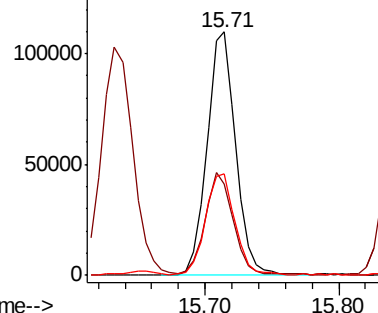


Abundance

Ion 198.00 (197.70 to 198.70): E

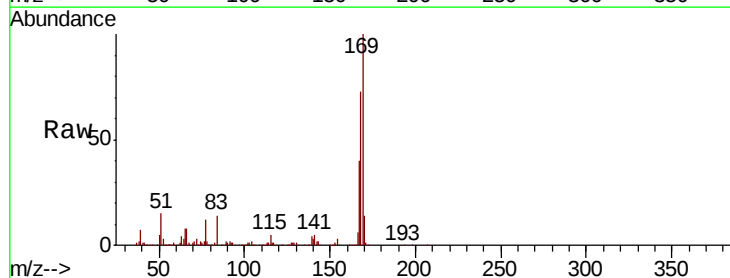
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.666 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	876806		
168	73.3	59.0	88.6	
167	39.7	31.4	47.0	

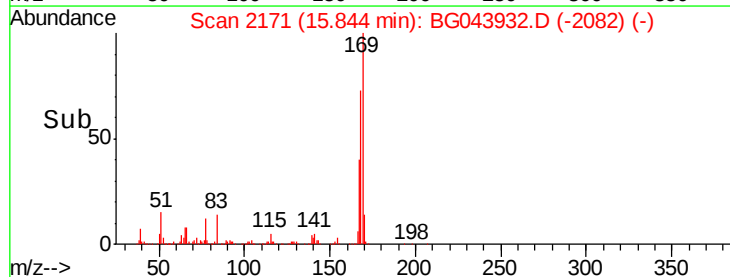
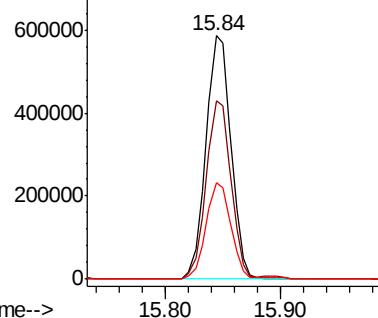


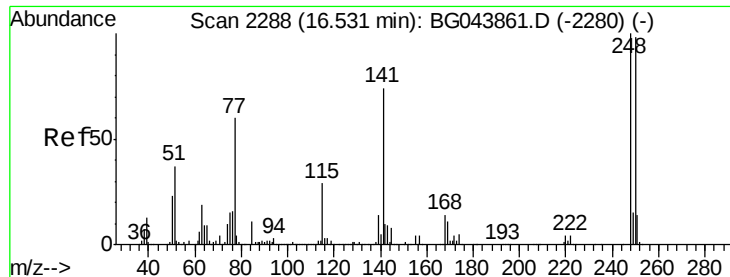
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





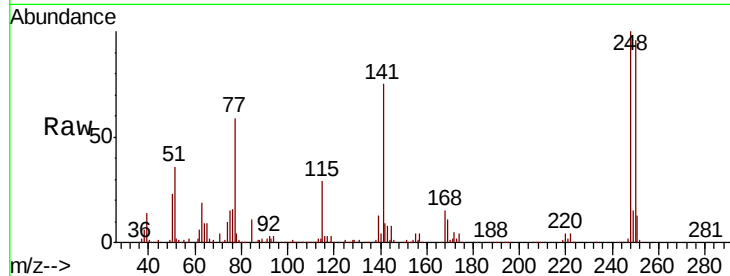
#67
4-Bromophenyl-phenylether
Concen: 36.345 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.2	117.2
141	74.6	59.3	88.9

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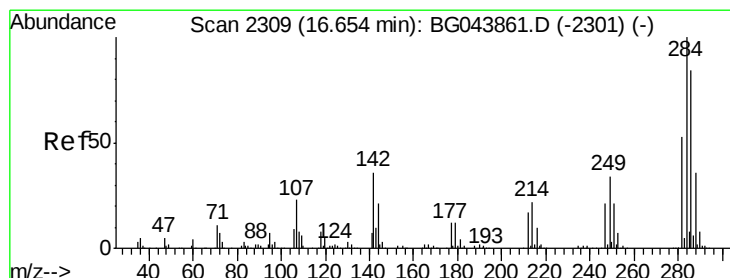
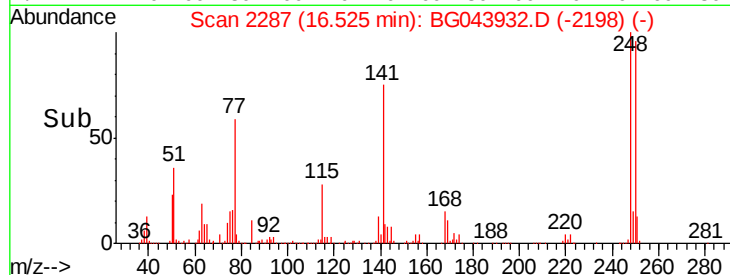
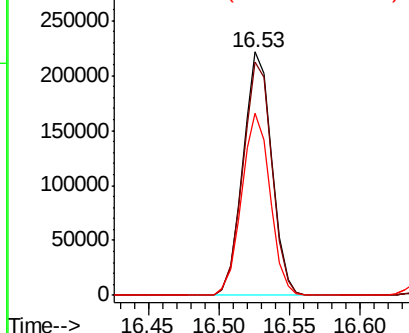


Abundance

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: 35.943 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

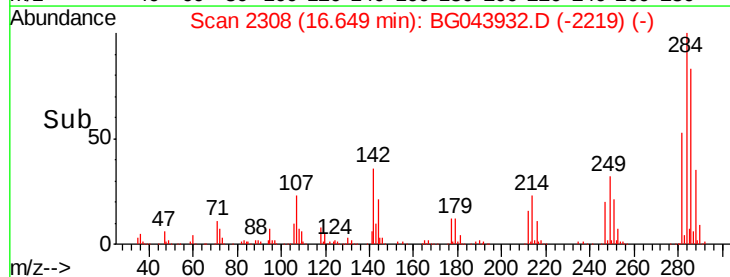
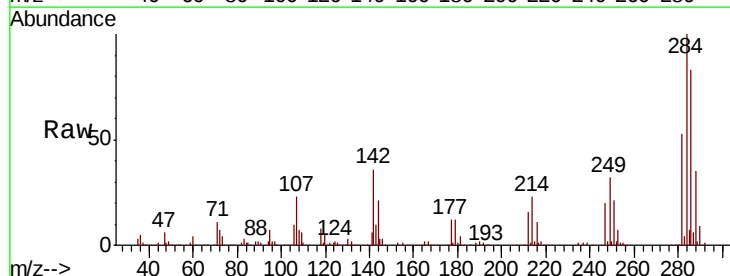
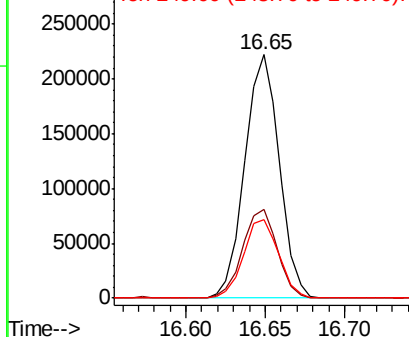
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.6	43.0
249	32.4	27.0	40.6

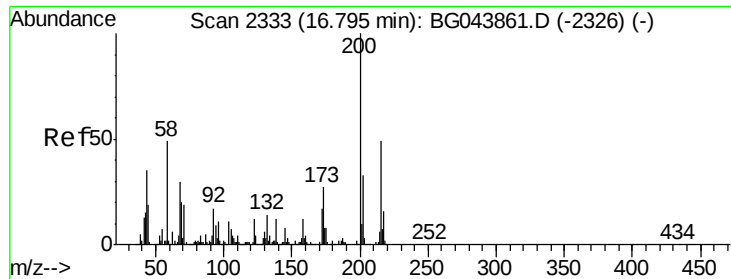
Abundance

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





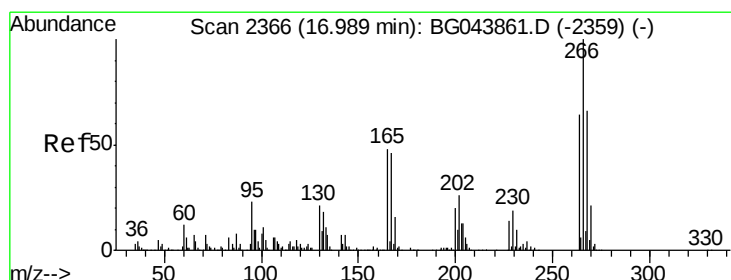
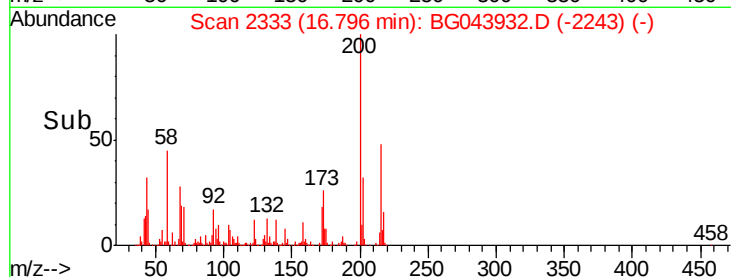
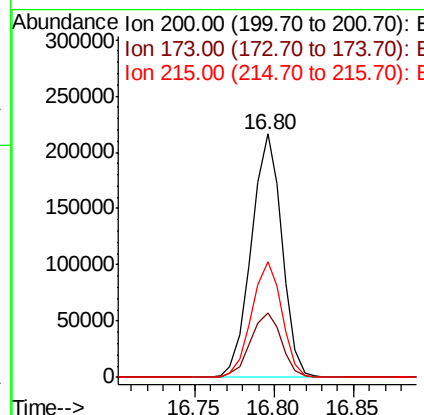
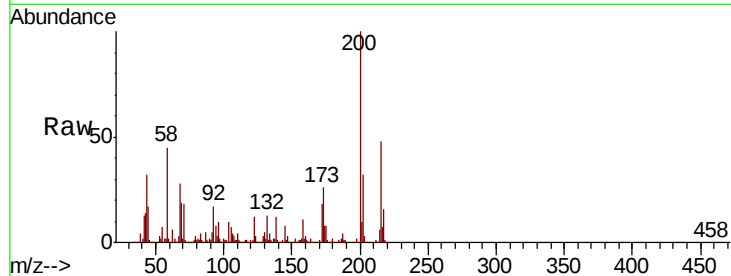
#69
Atrazine
Concen: 39.383 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	6.6	46.6
215	47.7	28.6	68.6

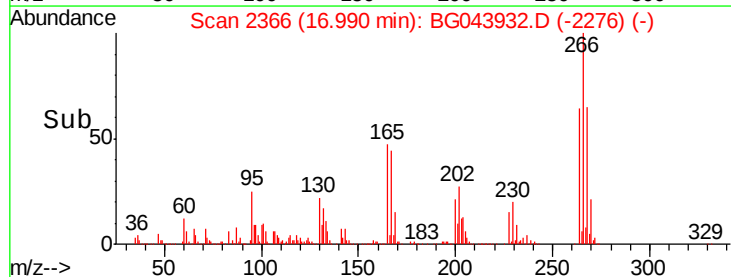
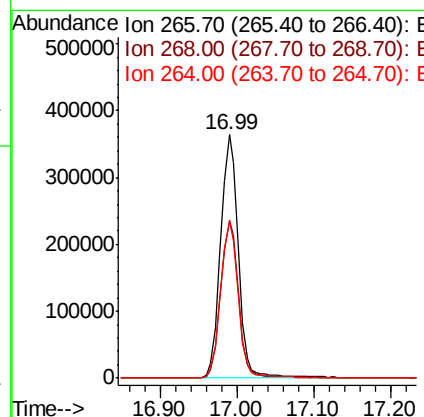
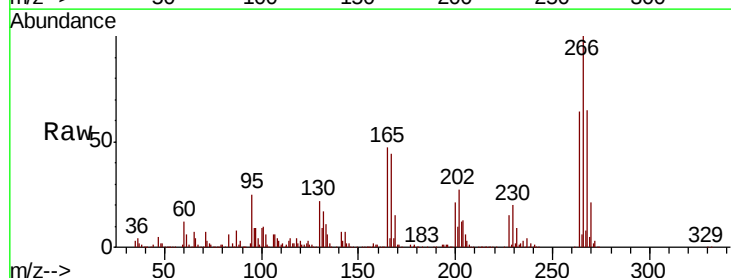
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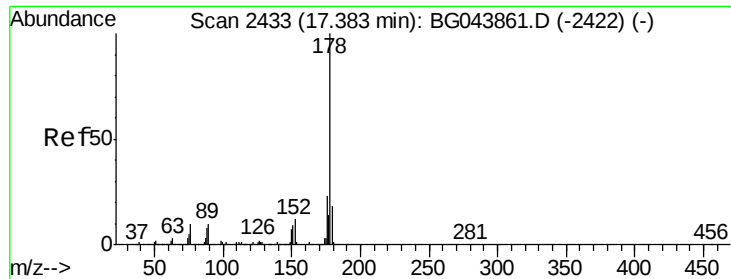
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#70
Pentachlorophenol
Concen: 112.489 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	52.6	79.0
264	64.4	50.8	76.2





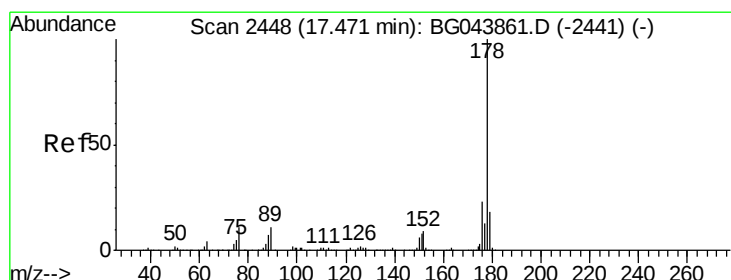
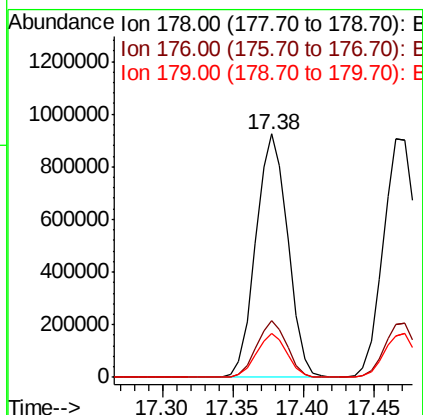
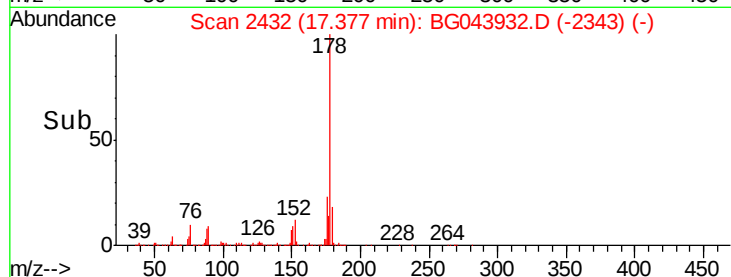
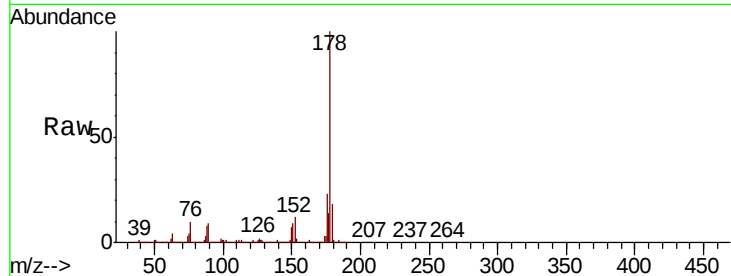
#71
Phenanthrene
Concen: 39.828 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion:178 Resp: 1471047
Ion Ratio Lower Upper
178 100
176 23.2 18.6 28.0
179 17.9 14.4 21.6

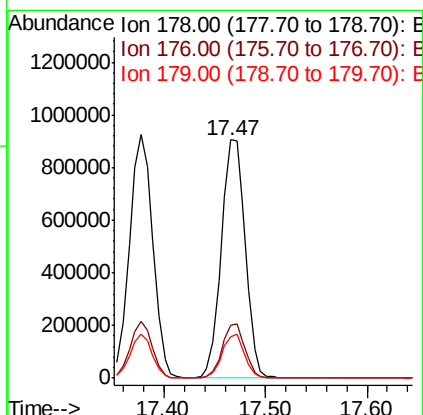
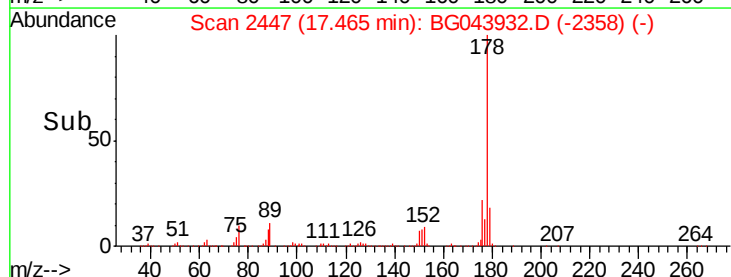
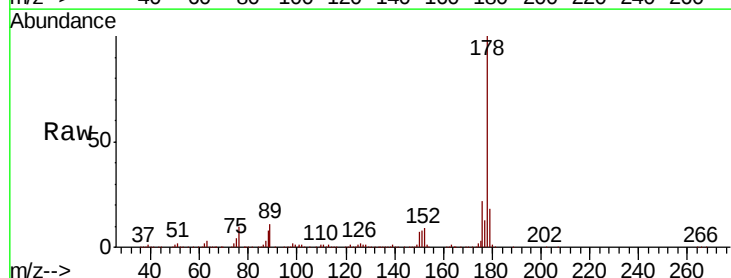
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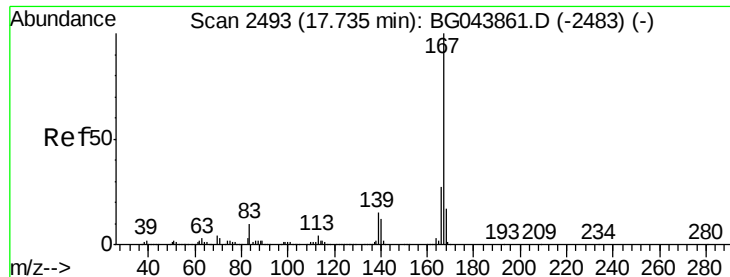
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#72
Anthracene
Concen: 40.591 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion:178 Resp: 1481642
Ion Ratio Lower Upper
178 100
176 22.1 18.3 27.5
179 17.6 14.6 22.0





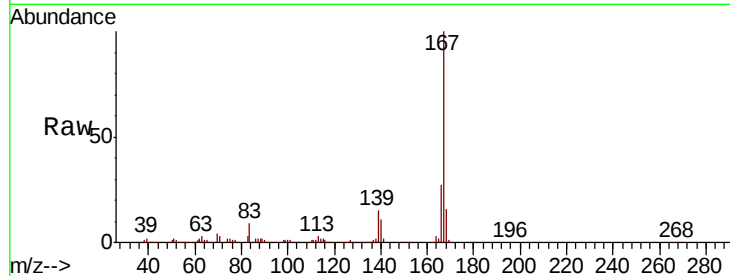
#73
 Carbazole
 Concen: 40.295 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.5	21.6	32.4
139	15.1	12.1	18.1

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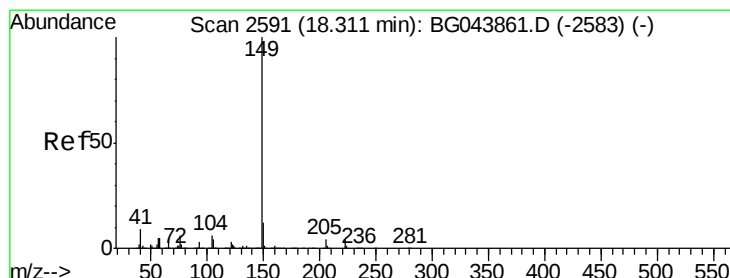
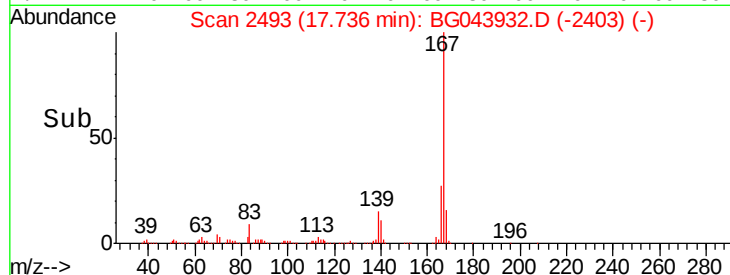
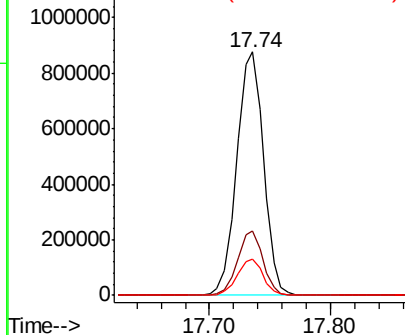


Abundance

Ion 167.00 (166.70 to 167.70): E

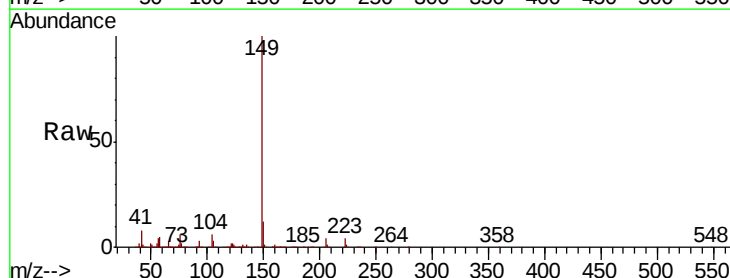
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.198 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	9.7	14.5
104	5.9	5.0	7.4

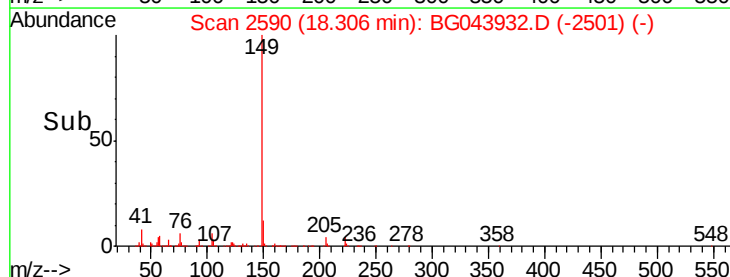
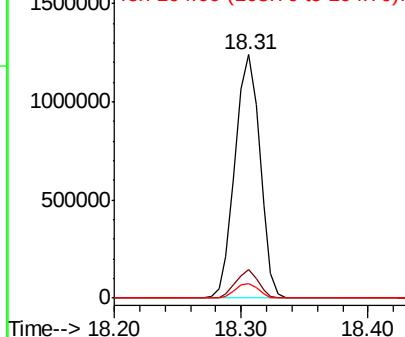


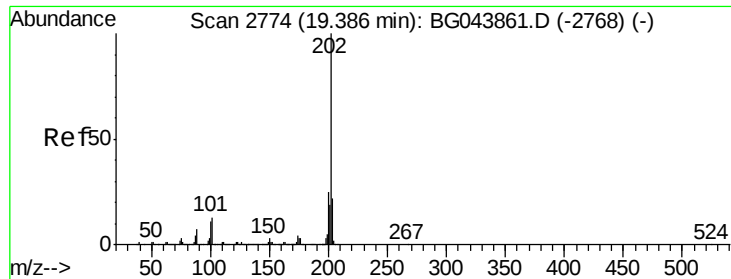
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.245 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

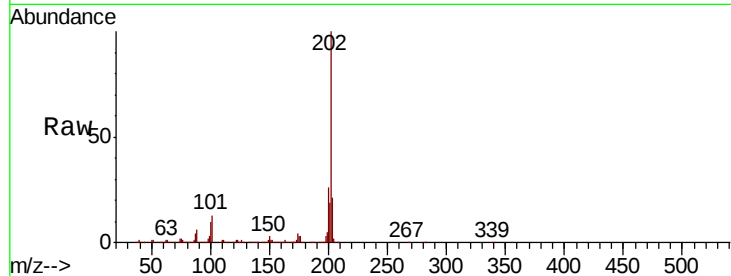
ClientSampleId :

PB125879BS

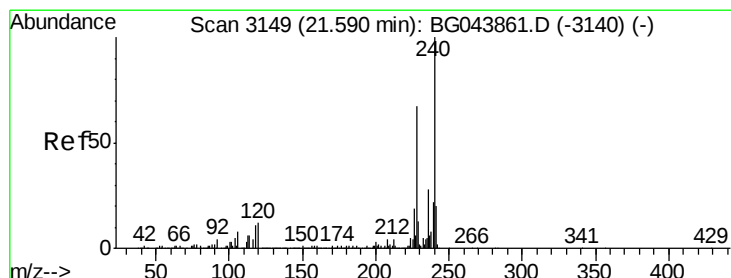
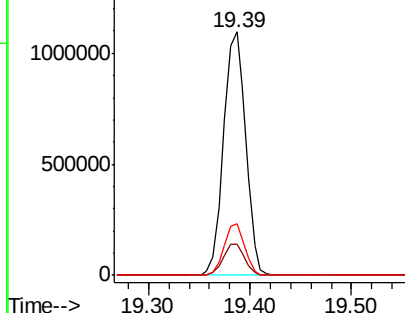
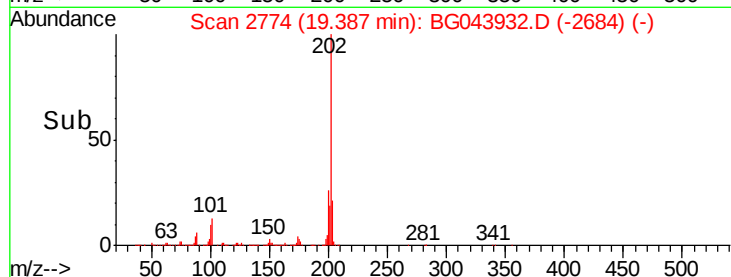
Tot Ion:	202	Resp:	1657706
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.3
203	21.1	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

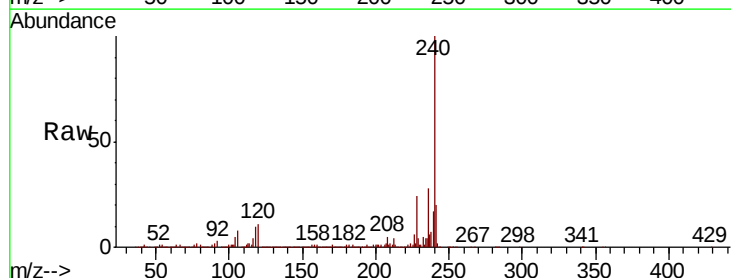
RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

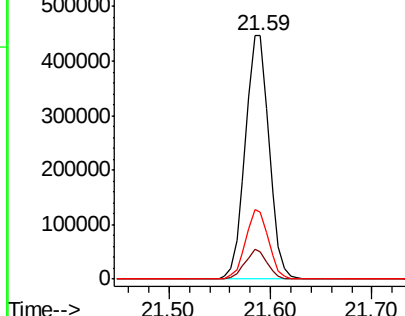
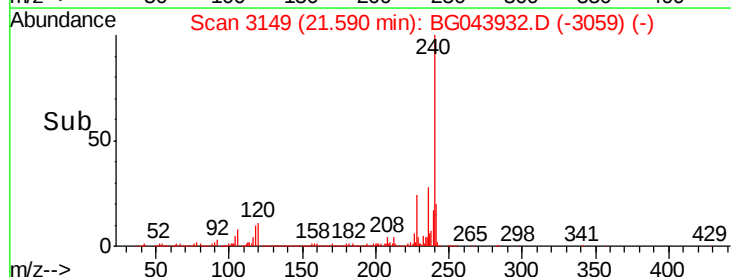
Lab File: BG043932.D

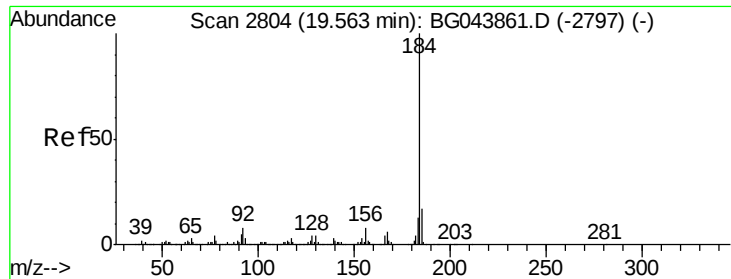
Acq: 6 Jan 2020 15:23

Tgt Ion:	240	Resp:	728913
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	27.6	22.2	33.2



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: 22.772 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

ClientSampleId :

PB125879BS

Tot Ion:184 Resp: 417229

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

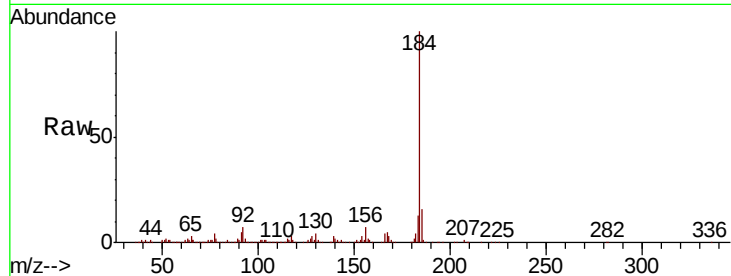
183 13.2 10.6 15.8

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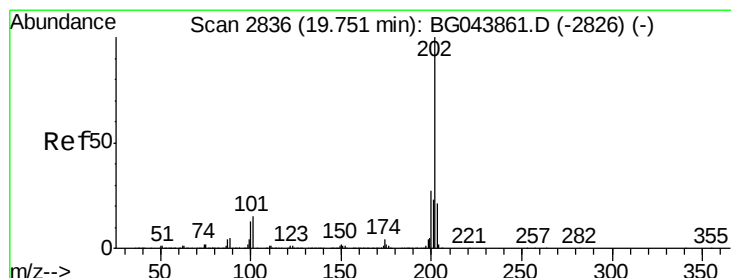
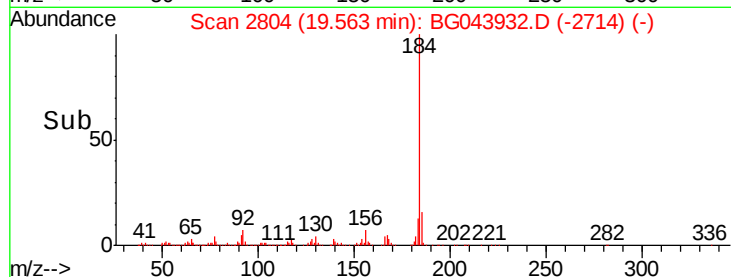
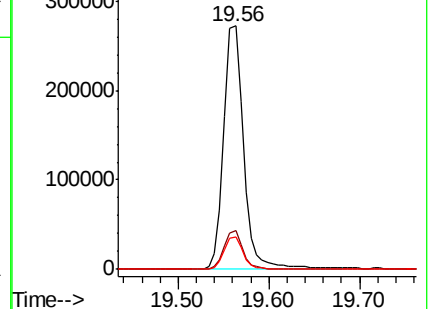
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.063 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

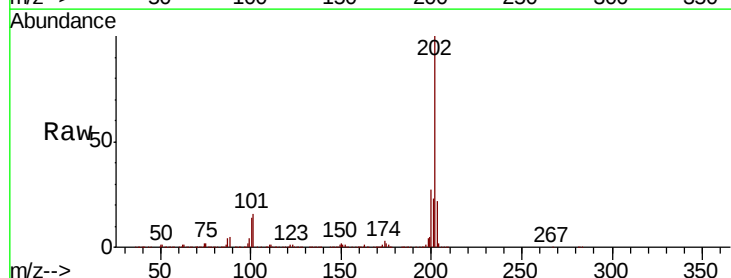
Tgt Ion:202 Resp: 1668250

Ion Ratio Lower Upper

202 100

200 26.7 21.7 32.5

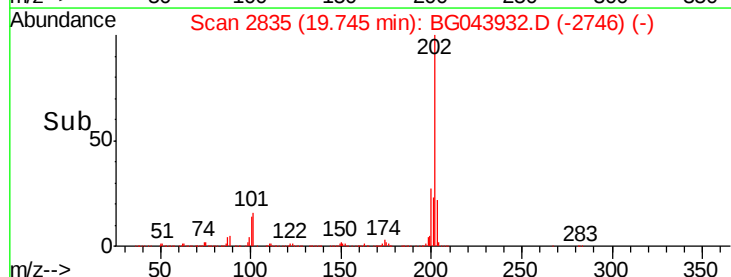
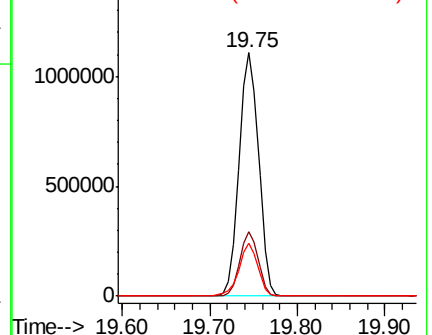
203 21.5 17.0 25.6

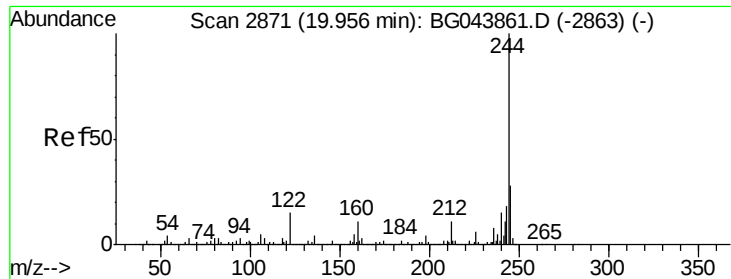


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





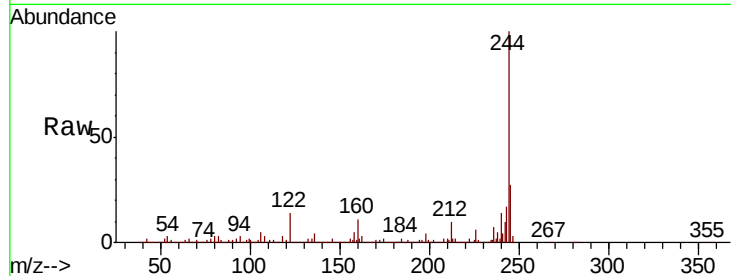
#79
 Terphenyl-d14
 Concen: 68.918 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.6	13.0
122	14.1	11.9	17.9

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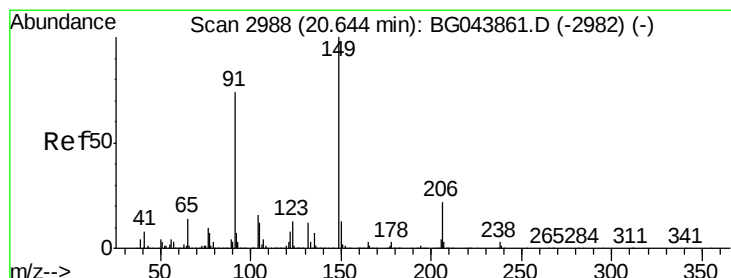
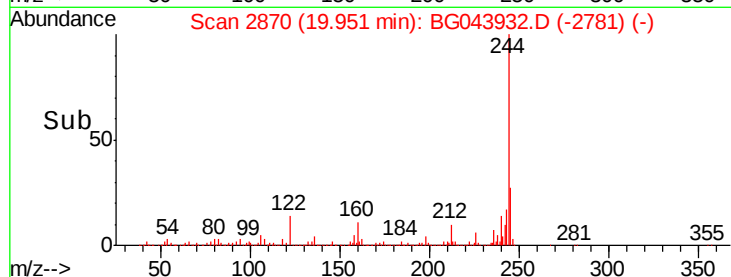
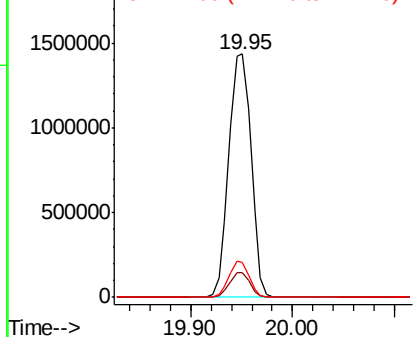


Abundance

Ion 244.00 (243.70 to 244.70): E

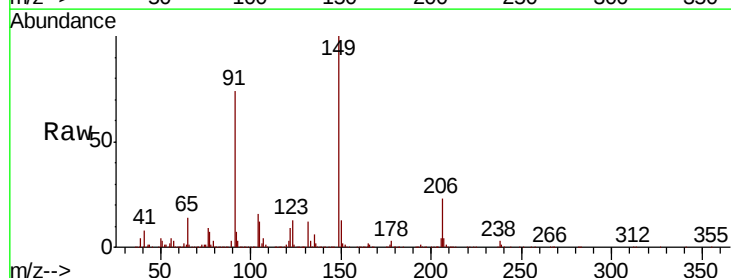
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 35.583 ng
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	59.5	89.3
206	22.6	17.8	26.6

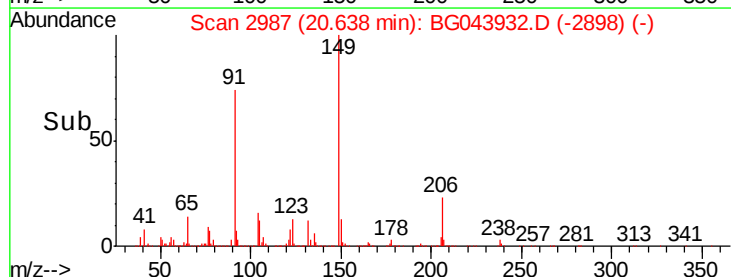
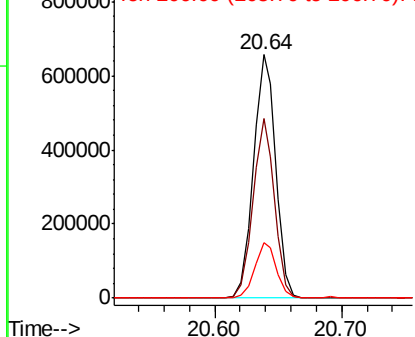


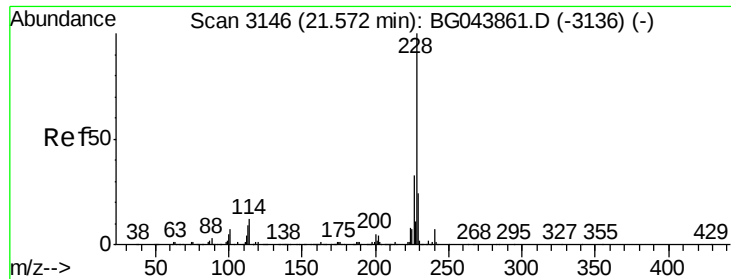
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





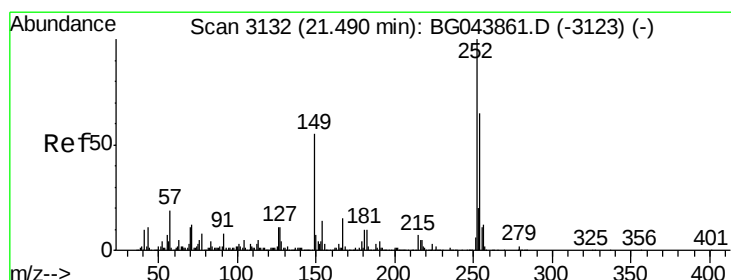
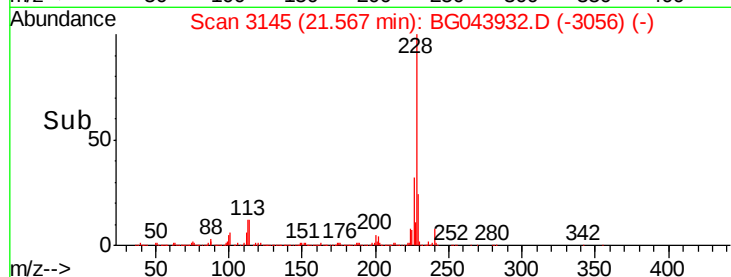
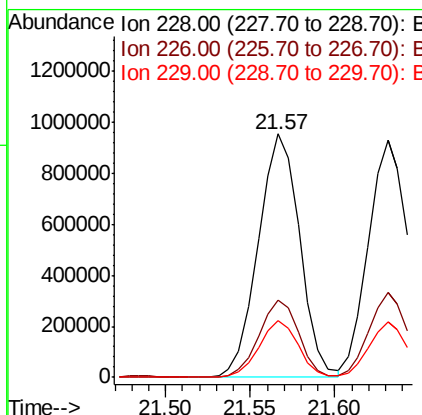
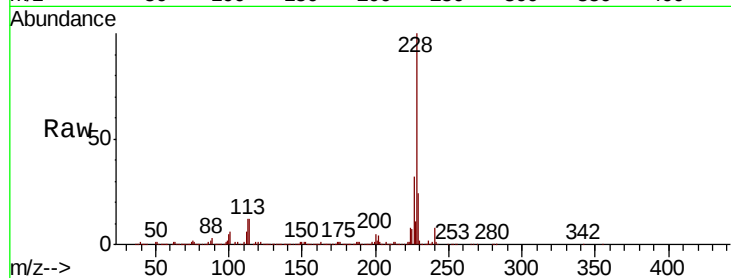
#81
Benzo(a)anthracene
Concen: 36.029 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.2	39.4
229	23.5	18.9	28.3

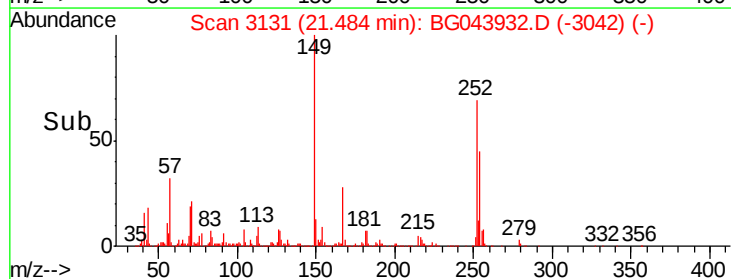
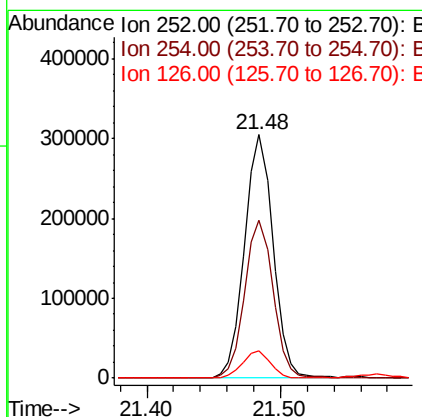
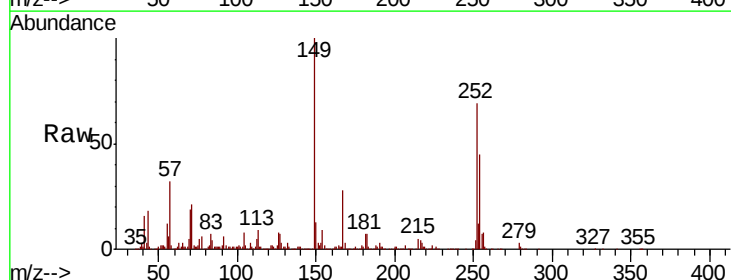
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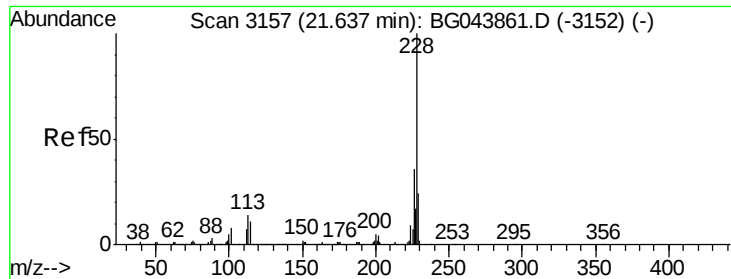
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#82
3,3'-Dichlorobenzidine
Concen: 25.248 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.0	9.1	13.7





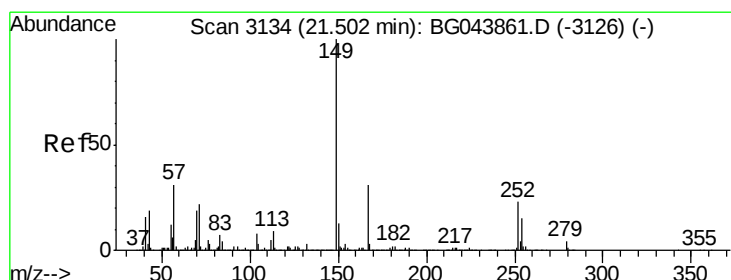
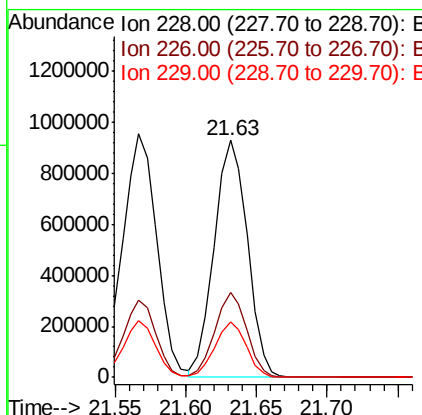
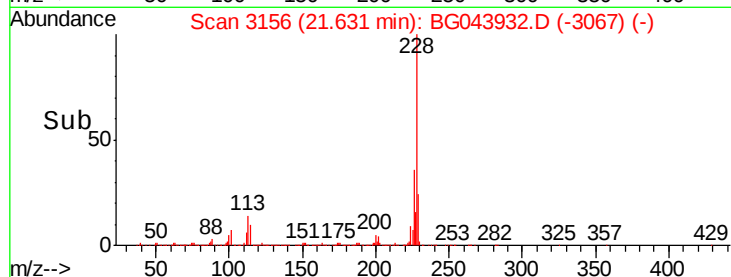
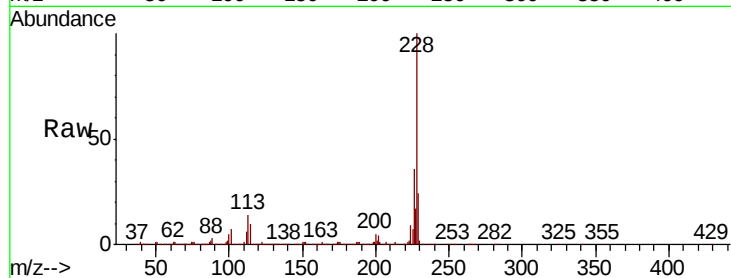
#83
 Chrvsene
 Concen: 35.373 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB125879BS

Tot Ion:228 Resp: 1519135
 Ion Ratio Lower Upper
 228 100
 226 35.6 28.8 43.2
 229 23.5 19.0 28.6

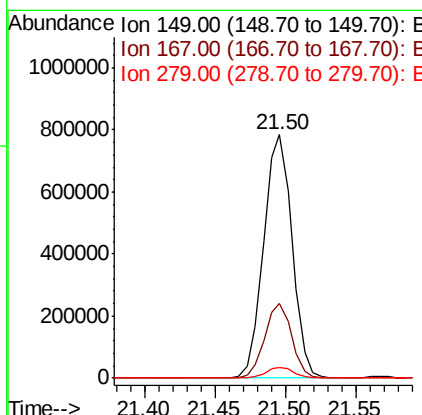
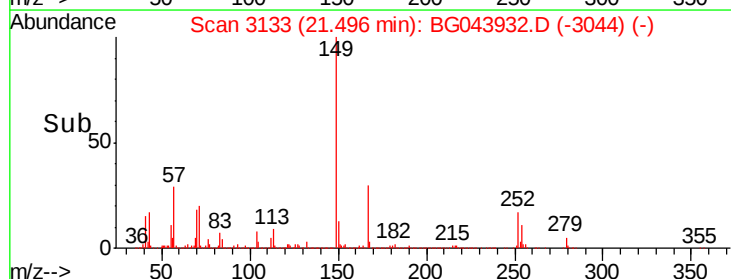
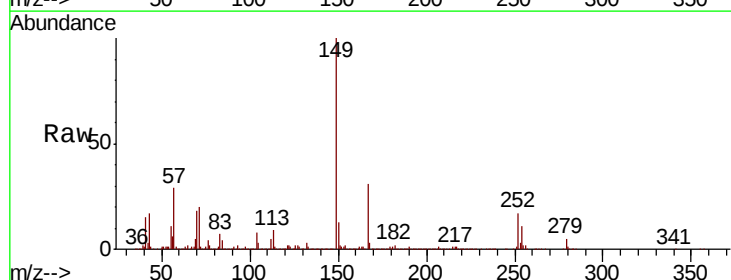
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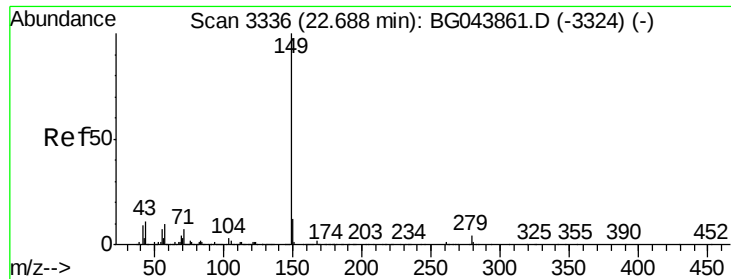
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.522 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG043932.D
 Acq: 6 Jan 2020 15:23

Tgt Ion:149 Resp: 1110266
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.7 37.1
 279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.390 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

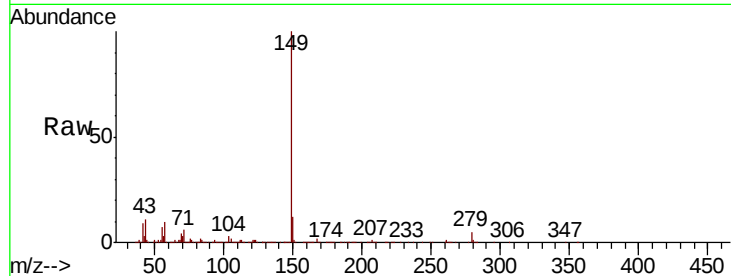
ClientSampleId :

PB125879BS

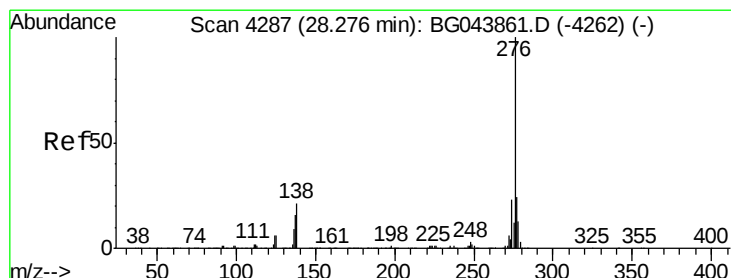
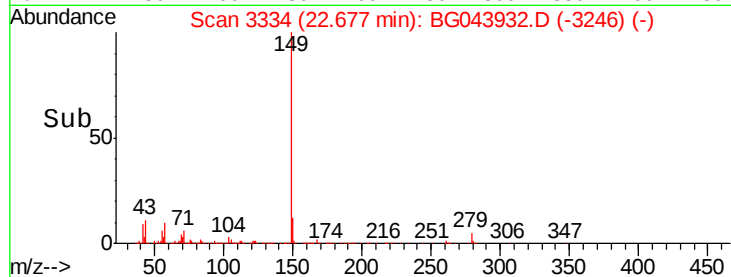
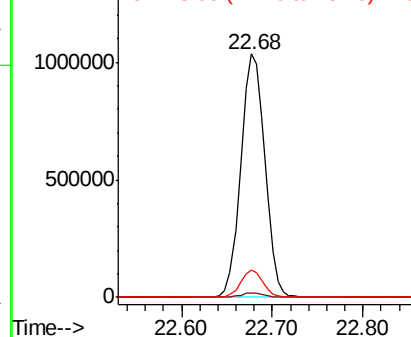
Tot Ion:	149	Resp:	1912105
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.4	8.8	13.2

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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: 33.416 ng

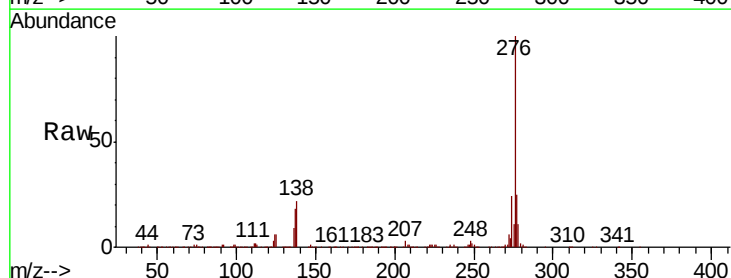
RT: 28.25 min Scan# 4283

Delta R.T. -0.02 min

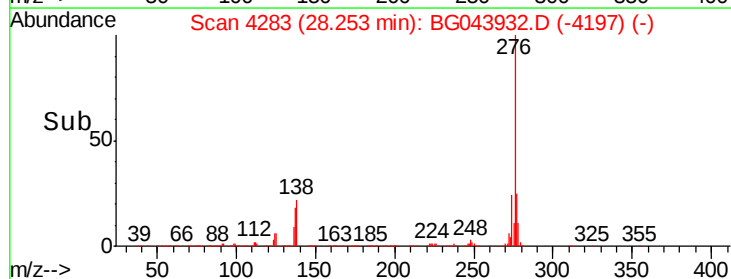
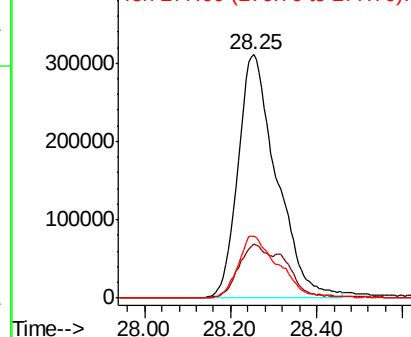
Lab File: BG043932.D

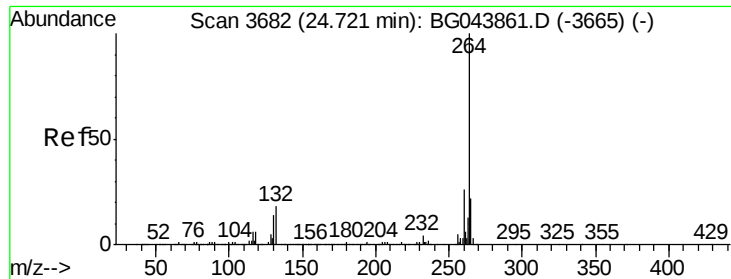
Acq: 6 Jan 2020 15:23

Tgt Ion:	276	Resp:	1950332
Ion	Ratio	Lower	Upper
276	100		
138	17.8	21.0	31.4#
277	26.5	21.1	31.7



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: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Instrument :

BNA_G

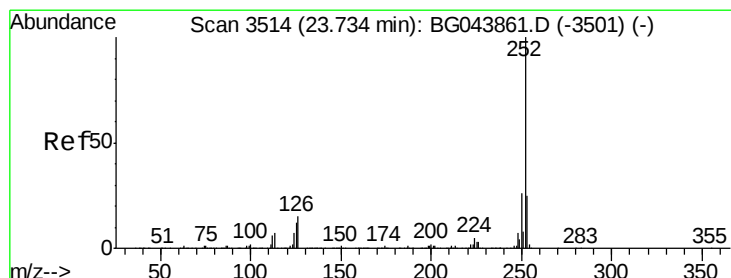
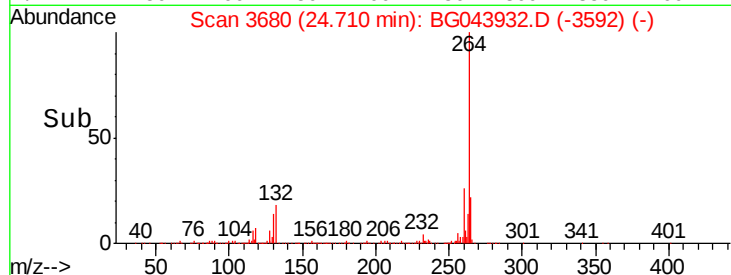
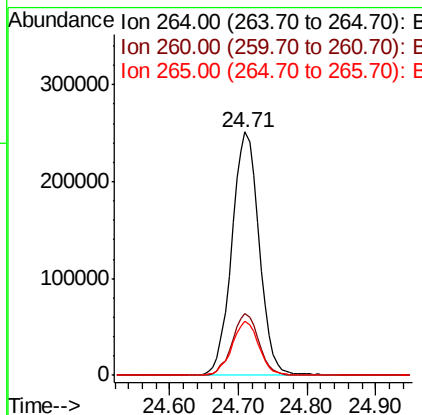
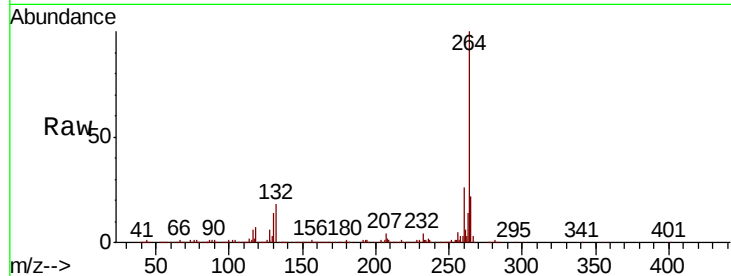
ClientSampleId :

PB125879BS

Tot Ion:	264	Resp:	695471
Ion Ratio		Lower	Upper
264	100		
260	25.5	20.4	30.6
265	22.2	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 41.514 ng

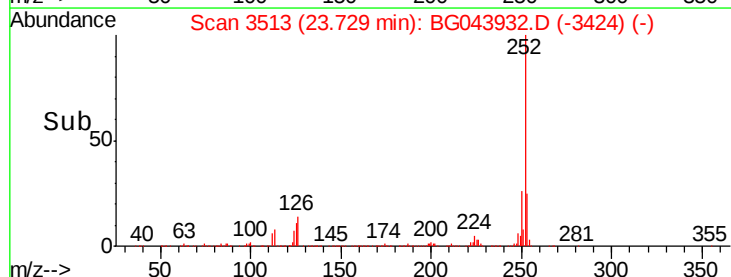
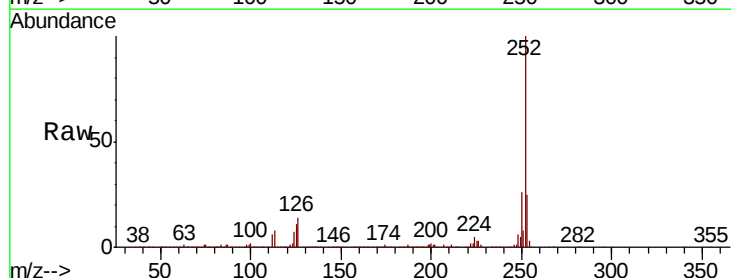
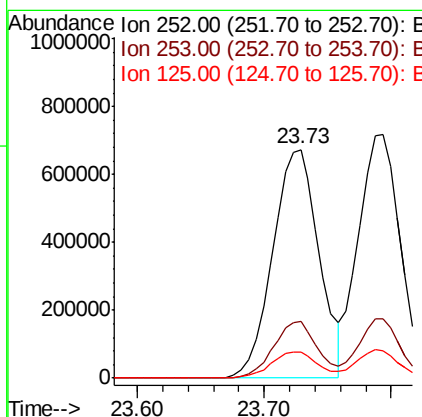
RT: 23.73 min Scan# 3513

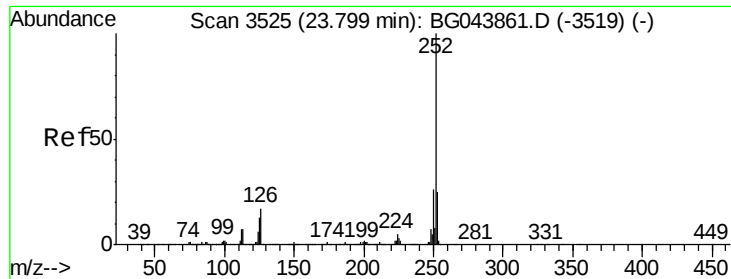
Delta R.T. -0.01 min

Lab File: BG043932.D

Acq: 6 Jan 2020 15:23

Tgt Ion:	252	Resp:	1706813
Ion Ratio		Lower	Upper
252	100		
253	24.7	19.7	29.5
125	11.3	9.4	14.2





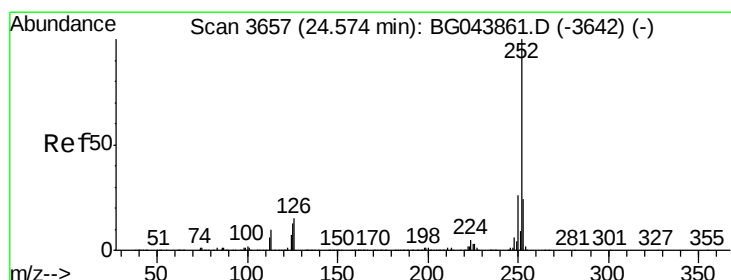
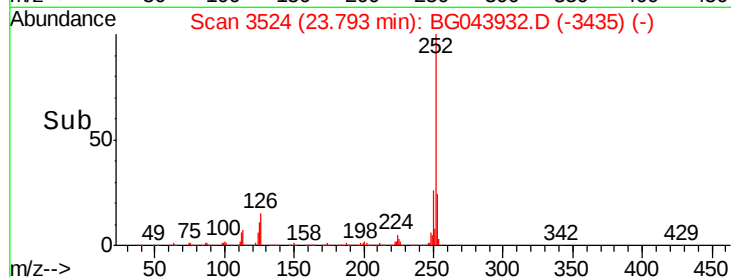
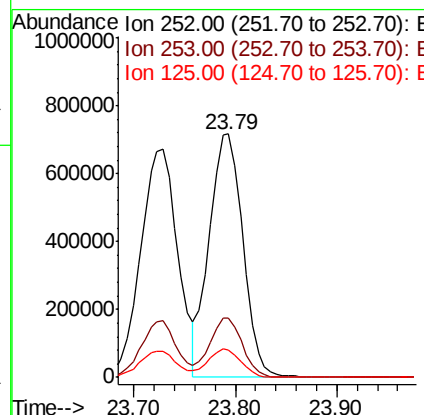
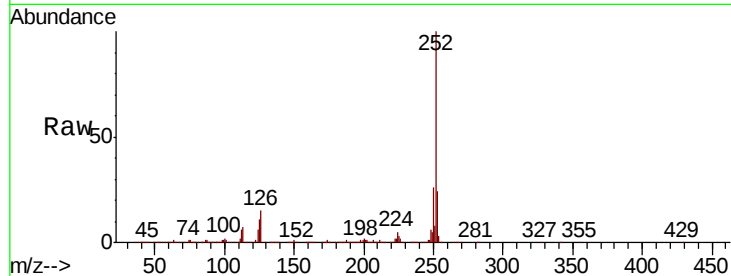
#89
Benzo(k)fluoranthene
Concen: 42.054 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion:252 Resp: 1644183
Ion Ratio Lower Upper
252 100
253 24.3 19.4 29.2
125 11.5 9.9 14.9

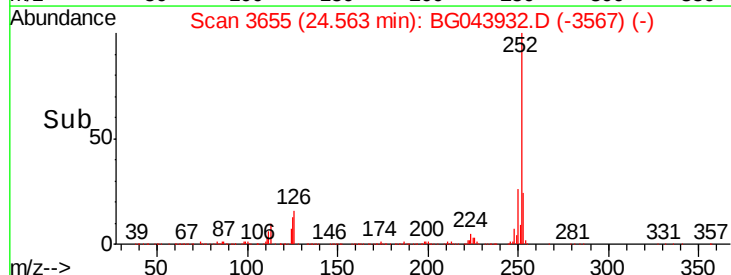
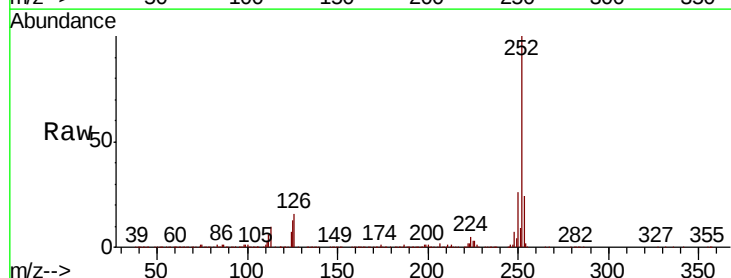
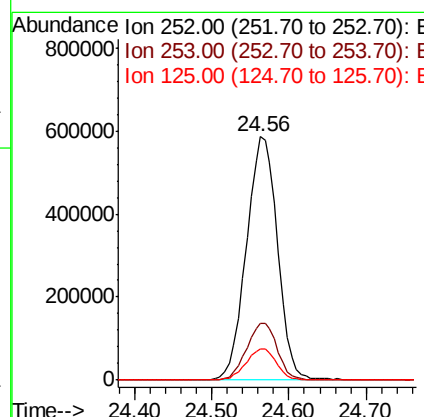
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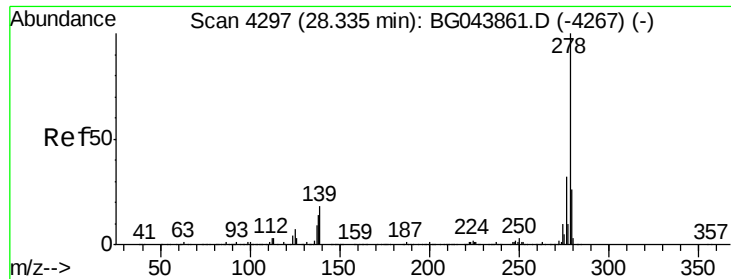
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#90
Benzo(a)pyrene
Concen: 42.668 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion:252 Resp: 1655725
Ion Ratio Lower Upper
252 100
253 23.6 19.3 28.9
125 13.0 10.4 15.6





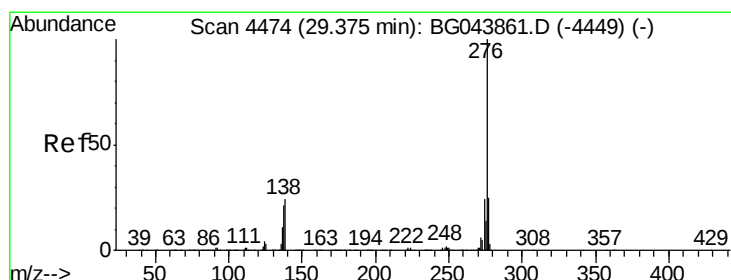
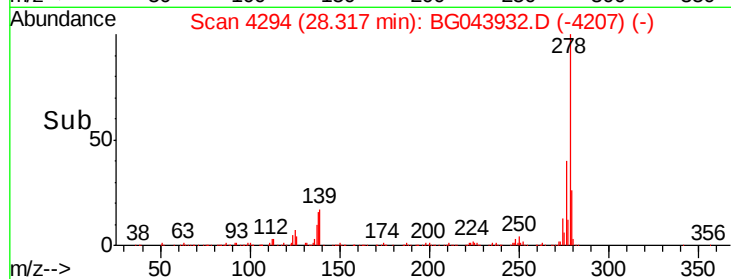
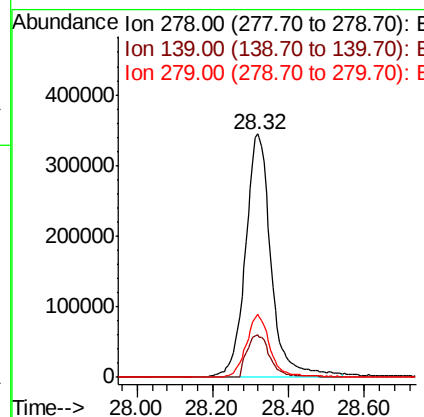
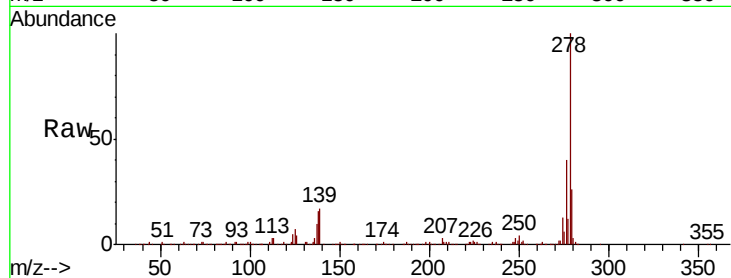
#91
Dibenzo(a,h)anthracene
Concen: 41.681 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	17.5	14.2	21.4	
279	26.2	20.6	30.8	

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#92
Benzo(g,h,i)perylene
Concen: 40.848 ng
RT: 29.36 min Scan# 4471
Delta R.T. -0.02 min
Lab File: BG043932.D
Acq: 6 Jan 2020 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	25.0	20.2	30.4	
138	22.5	19.0	28.6	

