

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043928.D
 Acq On : 6 Jan 2020 12:40
 Operator : JU
 Sample : PB125878BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:30:32 PM

Quant Time: Jan 07 05:40:27 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	130871	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	609528	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	415905	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	888918	20.00	ng	0.00
76) Chrysene-d12	21.59	240	759700	20.00	ng	0.00
87) Perylene-d12	24.72	264	599935	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	880176	123.49	ng	0.00
7) Phenol-d6	7.13	99	1163196	116.75	ng	0.00
23) Nitrobenzene-d5	9.12	82	756901	66.43	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	459889	105.66	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1635558	71.25	ng	0.00
79) Terphenyl-d14	19.95	244	2265821	67.97	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	101601	32.693 ng	98
3) Pyridine	3.83	79	249433	27.169 ng	93
4) n-Nitrosodimethylamine	3.74	42	145525	35.603 ng	98
6) Aniline	7.28	93	296933	22.691 ng	99
8) 2-Chlorophenol	7.53	128	380235	45.441 ng	98
9) Benzaldehyde	7.09	77	243886	38.247 ng	99
10) Phenol	7.16	94	476180	46.388 ng	98
11) bis(2-Chloroethyl)ether	7.38	93	357699	40.369 ng	99
12) 1,3-Dichlorobenzene	7.85	146	360128	36.778 ng	99
13) 1,4-Dichlorobenzene	8.00	146	370859	38.386 ng	99
14) 1,2-Dichlorobenzene	8.32	146	357454	38.546 ng	99
15) Benzyl Alcohol	8.20	79	330289	42.005 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	510901	37.268 ng	99
17) 2-Methylphenol	8.41	107	334417	45.018 ng	97
18) Hexachloroethane	9.05	117	138586	36.864 ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	290029	39.089 ng	98
20) 3+4-Methylphenols	8.73	107	470353	45.388 ng	97
22) Acetophenone	8.78	105	533973	35.238 ng	98
24) Nitrobenzene	9.16	77	410743	36.398 ng	99
25) Isophorone	9.69	82	791206	37.013 ng	99
26) 2-Nitrophenol	9.87	139	215806	40.420 ng	97
27) 2,4-Dimethylphenol	9.94	122	366039	45.545 ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	508680	35.694 ng	99
29) 2,4-Dichlorophenol	10.41	162	389052	40.583 ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	384401	35.762 ng	99
31) Naphthalene	10.81	128	1120422	37.986 ng	100
32) Benzoic acid	10.08	122	198828	32.678 ng	88
33) 4-Chloroaniline	10.92	127	267408	19.008 ng	97
34) Hexachlorobutadiene	11.11	225	220029	33.527 ng	100
35) Caprolactam	11.68	113	146460m	41.039 ng	
36) 4-Chloro-3-methylphenol	12.05	107	423007	41.449 ng	99
37) 2-Methylnaphthalene	12.42	142	853924	38.454 ng	98
38) 1-Methylnaphthalene	12.64	142	816022	38.772 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	408406	33.503 ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	316678	50.108	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	314263	37.467	nq	99
44) 2,4,5-Trichlorophenol	13.11	196	335858	38.823	nq	99
46) 1,1'-Biphenyl	13.43	154	1074082	36.019	nq	99
47) 2-Chloronaphthalene	13.47	162	844700	35.055	nq	100
48) 2-Nitroaniline	13.67	65	280310	36.164	nq	99
49) Acenaphthylene	14.32	152	1318490	38.070	nq	99
50) Dimethylphthalate	14.05	163	1091090	36.947	nq	99
51) 2,6-Dinitrotoluene	14.16	165	251673	37.706	nq	99
52) Acenaphthene	14.66	154	853624	35.146	nq	99
53) 3-Nitroaniline	14.49	138	206444	27.237	nq	98
54) 2,4-Dinitrophenol	14.70	184	259232	76.493	nq	99
55) Dibenzofuran	15.00	168	1281871	38.339	nq	99
56) 4-Nitrophenol	14.81	139	491278	84.582	nq	96
57) 2,4-Dinitrotoluene	14.95	165	351899	38.746	nq	97
58) Fluorene	15.64	166	1011882	38.183	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	295522	39.726	nq	98
60) Diethylphthalate	15.42	149	1110509	37.598	nq	100
61) 4-Chlorophenyl-phenylether	15.64	204	532669	37.017	nq	99
62) 4-Nitroaniline	15.66	138	264650	35.357	nq	97
63) Azobenzene	15.93	77	1050975	38.368	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	193263	42.728	nq	94
66) n-Nitrosodiphenylamine	15.85	169	958562	36.618	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	344319	34.440	nq	98
68) Hexachlorobenzene	16.65	284	368189	34.178	nq	98
69) Atrazine	16.80	200	320833	37.705	nq	99
70) Pentachlorophenol	16.99	266	437060	73.598	nq	99
71) Phenanthrene	17.38	178	1589454	37.279	nq	99
72) Anthracene	17.47	178	1594729	37.846	nq	100
73) Carbazole	17.74	167	1498068	38.488	nq	99
74) Di-n-butylphthalate	18.30	149	1797301	36.166	nq	100
75) Fluoranthene	19.39	202	1787541	36.659	nq	99
77) Benzidine	19.56	184	307925	16.125	nq	98
78) Pyrene	19.75	202	1815937	36.620	nq	99
80) Butylbenzylphthalate	20.64	149	862272	36.523	nq	96
81) Benzo(a)anthracene	21.57	228	1750146	37.153	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	597734	32.118	nq	100
83) Chrysene	21.64	228	1651817	36.903	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1214844	37.293	nq	100
85) Di-n-octyl phthalate	22.68	149	2078346	37.951	nq	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2148090	35.313	nq	# 84
88) Benzo(b)fluoranthene	23.73	252	1873046	52.811	nq	99
89) Benzo(k)fluoranthene	23.80	252	1817193	53.880	nq	99
90) Benzo(a)pyrene	24.57	252	1703092	50.878	nq	99
91) Dibenzo(a,h)anthracene	28.33	278	1807402	53.763	nq	99
92) Benzo(g,h,i)perylene	29.36	276	1747256	52.324	nq	98

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



#1

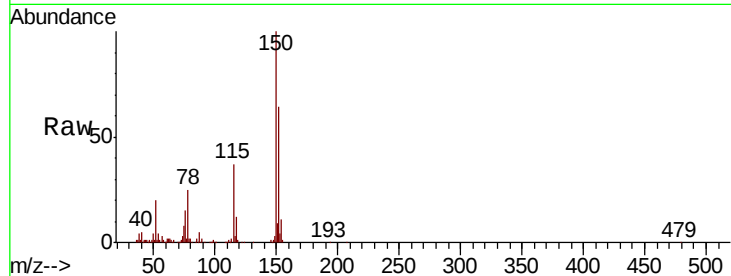
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.0	190.4
115	58.5	47.8	71.8

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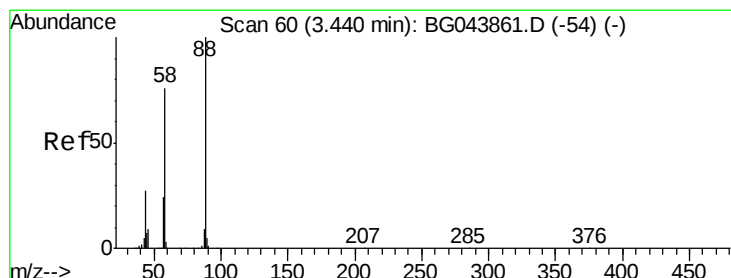
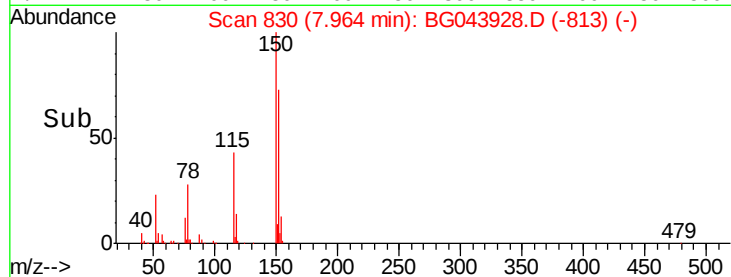
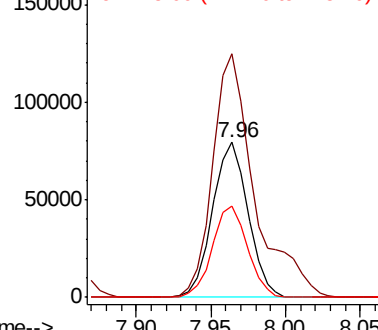


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

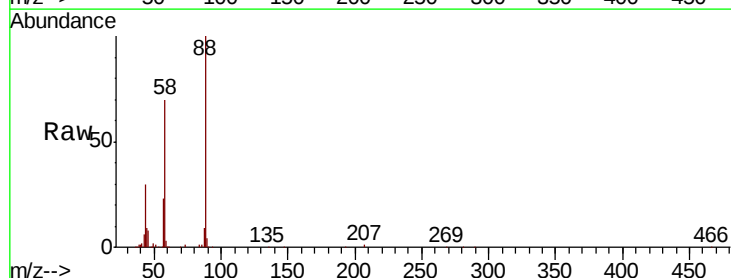
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.693 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	59.8	89.8
43	29.5	22.9	34.3

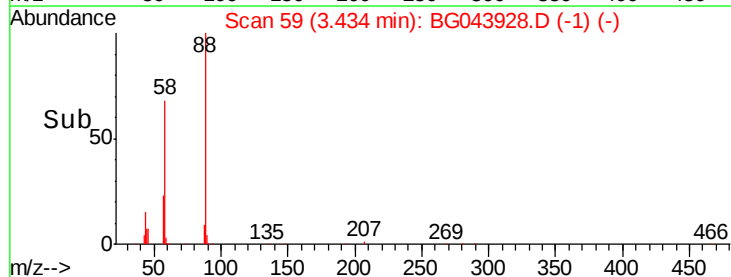
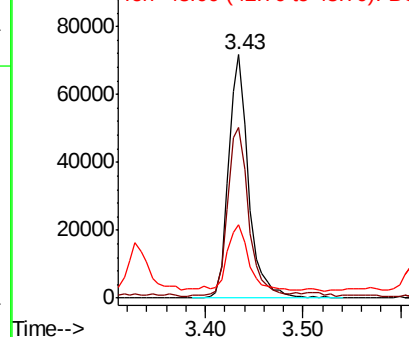


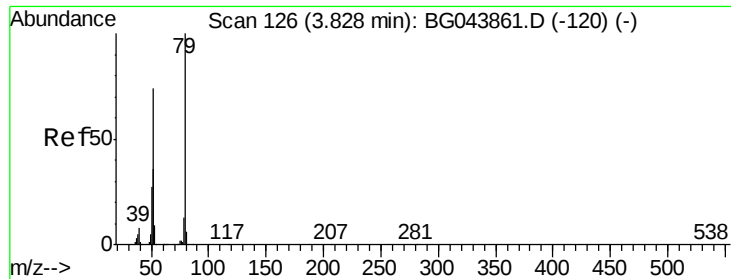
Abundance

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: 27.169 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

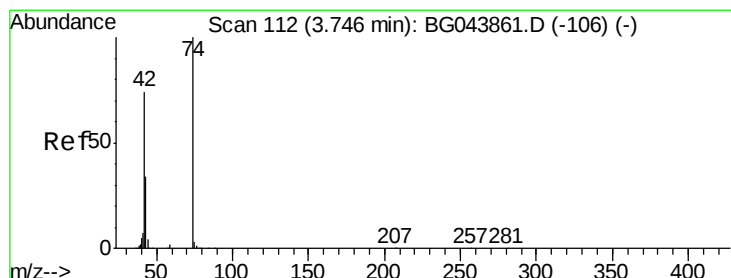
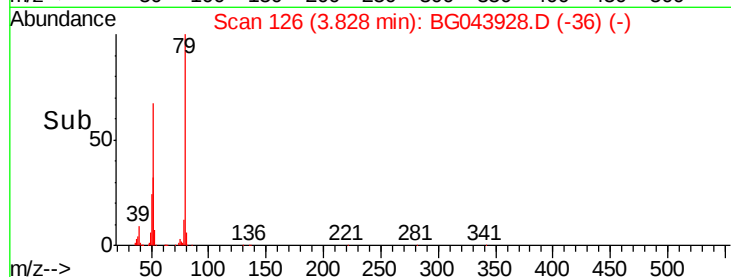
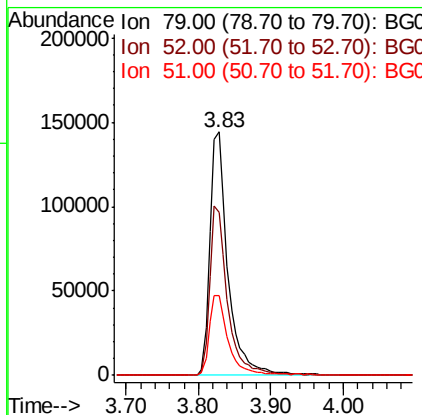
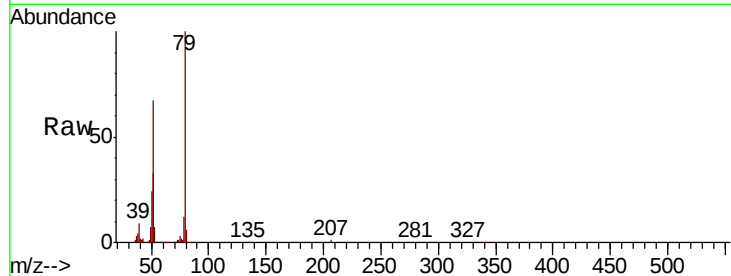
ClientSampleId :

PB125878BSD

Tot Ion:	79	Resp:	249433
Ion Ratio	Lower	Upper	
79	100		
52	67.0	58.9	88.3
51	32.7	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 35.603 ng

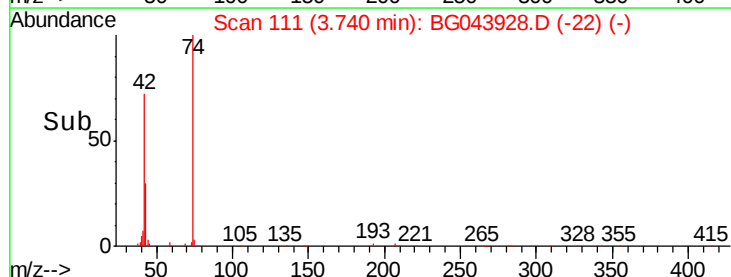
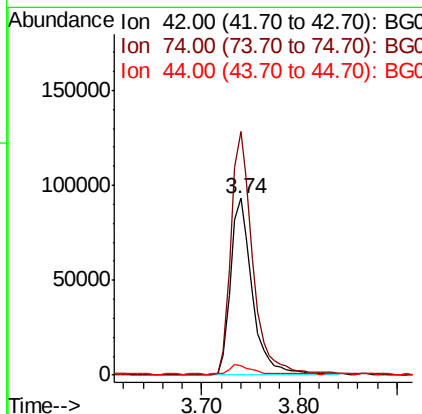
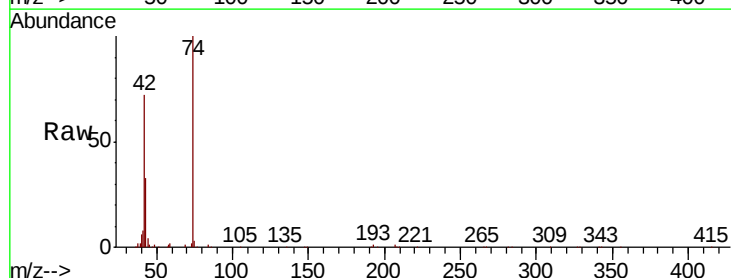
RT: 3.74 min Scan# 111

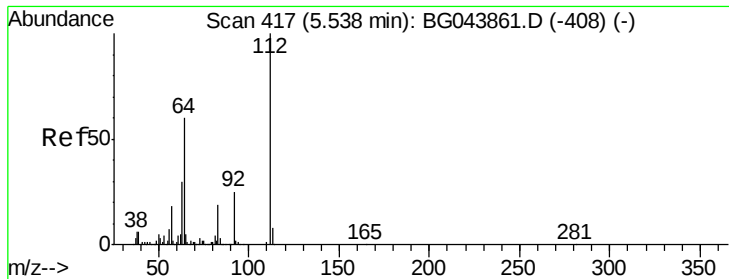
Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Tgt Ion:	42	Resp:	145525
Ion Ratio	Lower	Upper	
42	100		
74	137.9	108.6	162.8
44	5.6	5.0	7.6





#5

2-Fluorophenol

Concen: 123.489 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

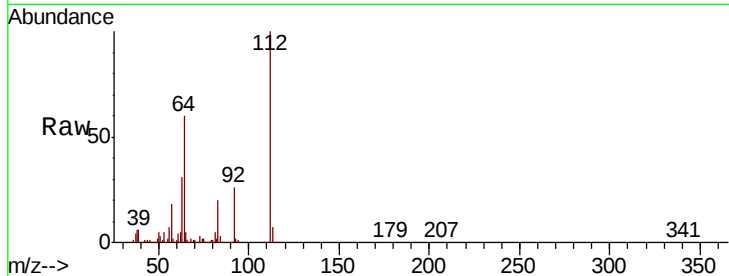
ClientSampleId :

PB125878BSD

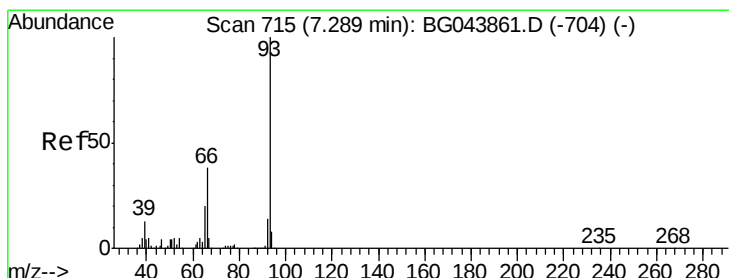
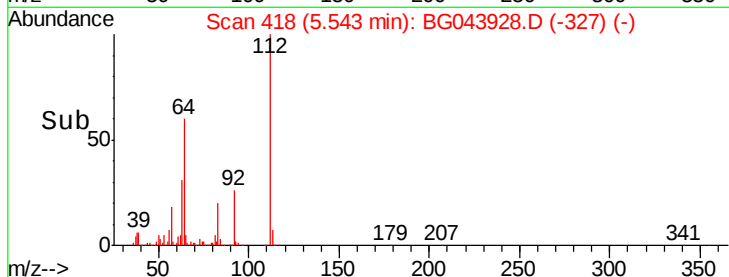
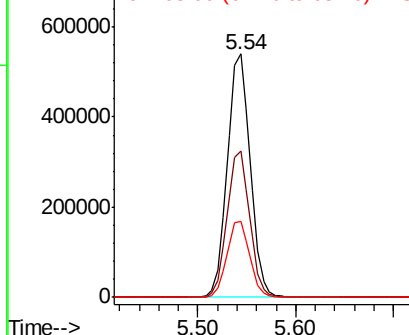
Tot Ion:	112	Resp:	880176
Ion Ratio	Lower	Upper	
112	100		
64	60.1	47.8	71.6
63	31.3	24.3	36.5

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



#6

Aniline

Concen: 22.691 ng

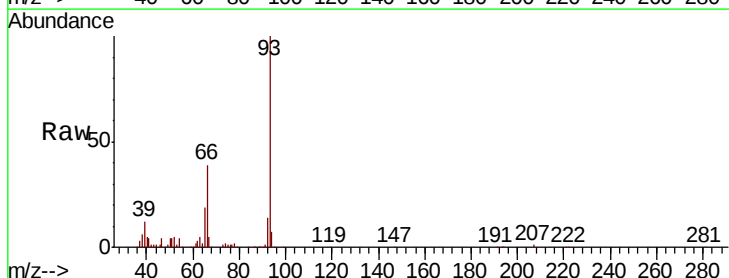
RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

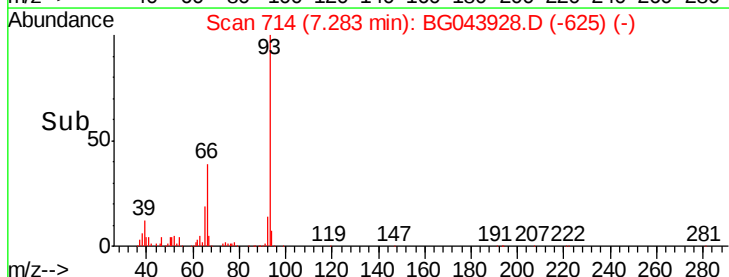
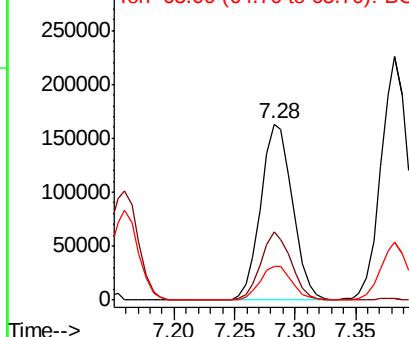
Lab File: BG043928.D

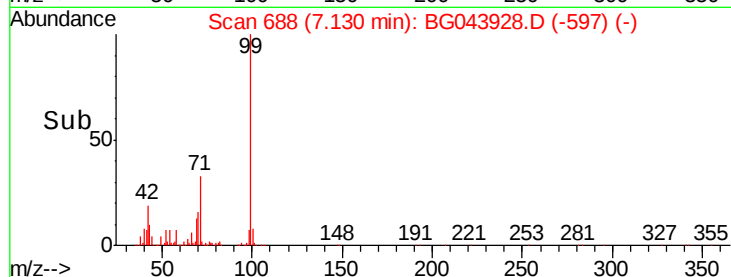
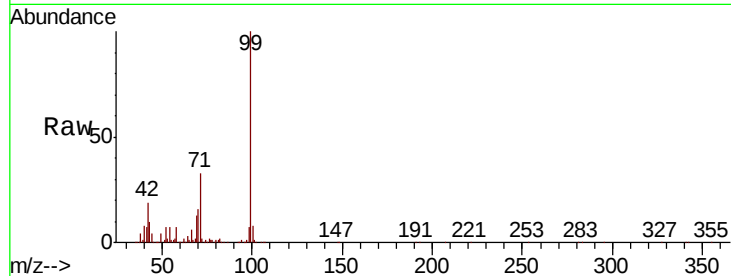
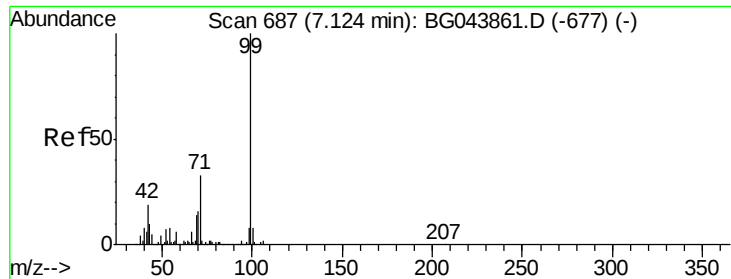
Acq: 6 Jan 2020 12:40

Tgt Ion:	93	Resp:	296933
Ion Ratio	Lower	Upper	
93	100		
66	38.6	30.8	46.2
65	19.2	16.0	24.0



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





#7

Phenol-d6

Concen: 116.751 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Tot Ion:	99	Resp:	1163196
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	33.1	26.4	39.6

Instrument :

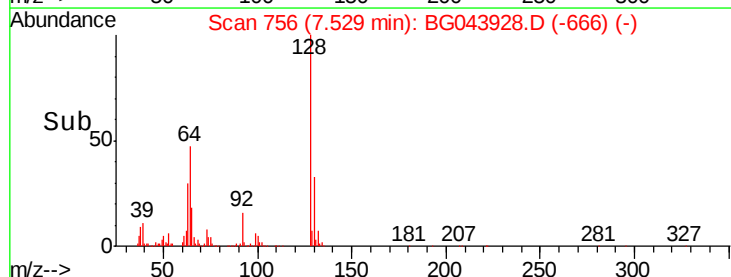
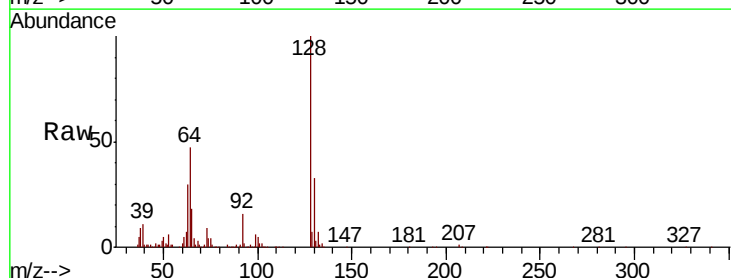
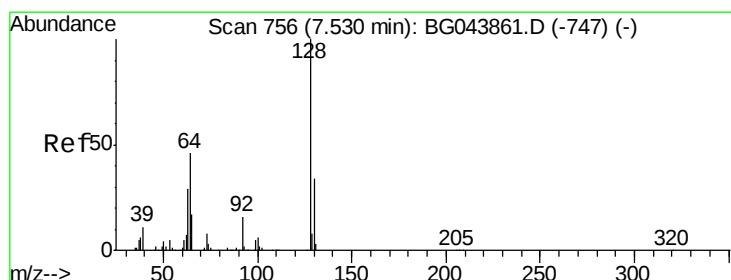
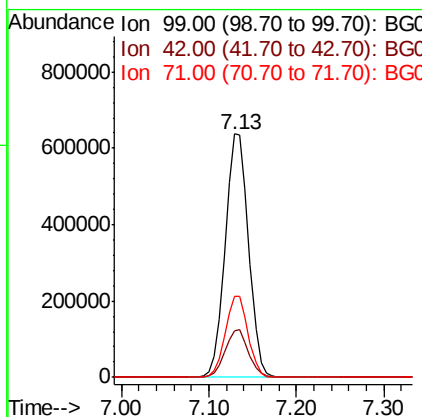
BNA_G

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#8

2-Chlorophenol

Concen: 45.441 ng

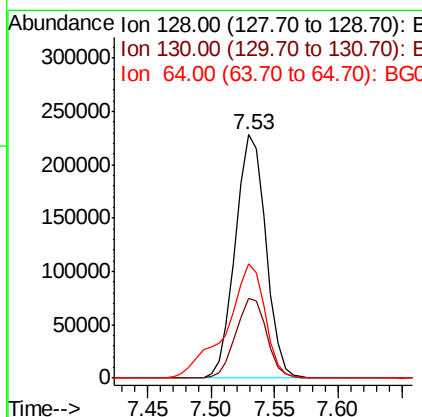
RT: 7.53 min Scan# 756

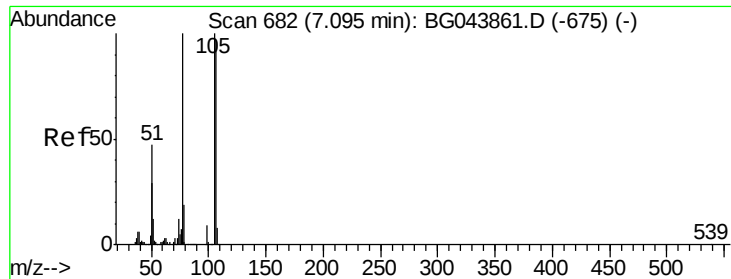
Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Tgt Ion:	128	Resp:	380235
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.8	53.8
64	46.9	27.6	67.6





#9

Benzaldehyde

Concen: 38.247 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

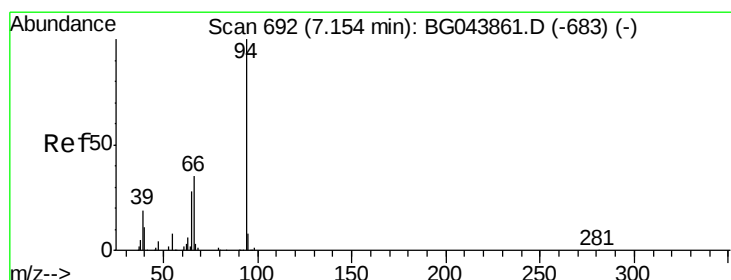
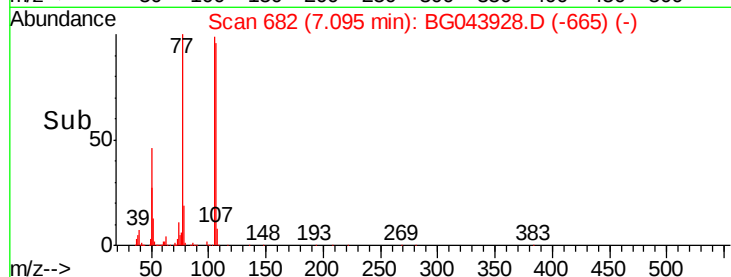
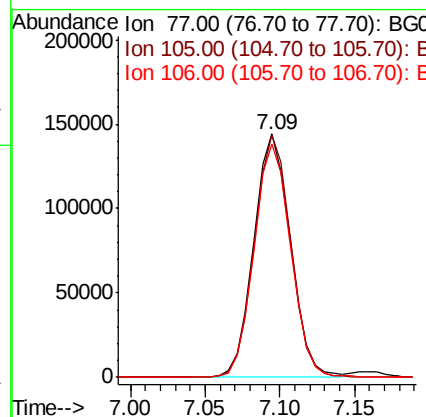
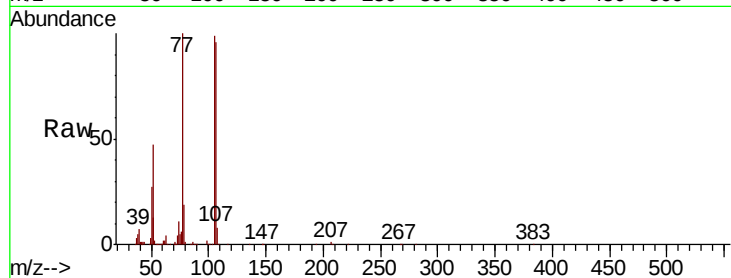
ClientSampleId :

PB125878BSD

Tot Ion:	77	Resp:	243886
Ion	Ratio	Lower	Upper
77	100		
105	99.3	80.2	120.2
106	96.1	77.2	117.2

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#10

Phenol

Concen: 46.388 ng

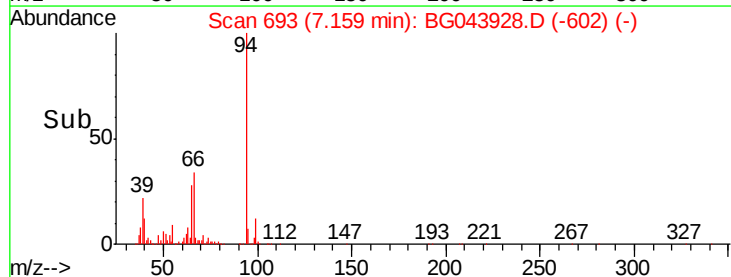
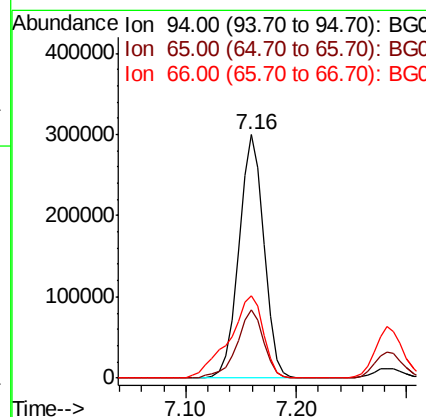
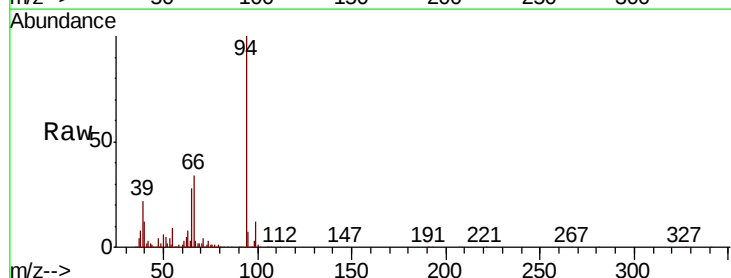
RT: 7.16 min Scan# 693

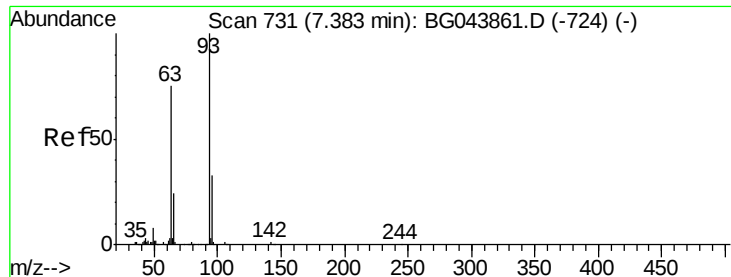
Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Tgt Ion:	94	Resp:	476180
Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.1	48.1
66	33.9	15.6	55.6





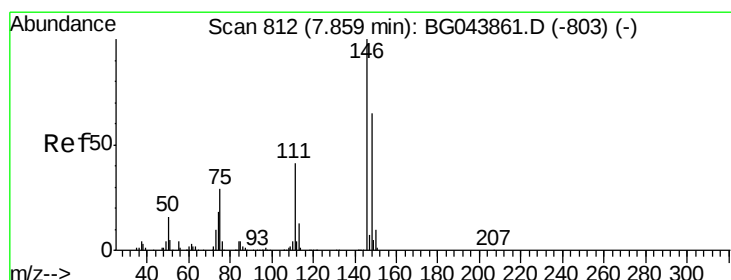
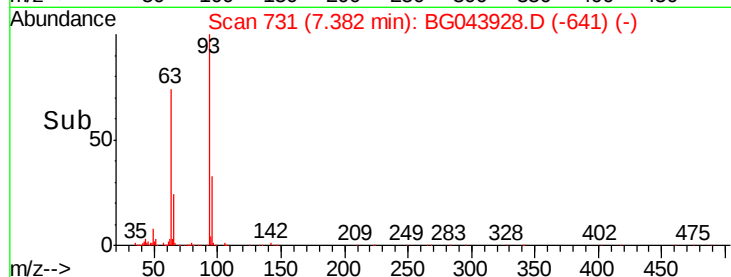
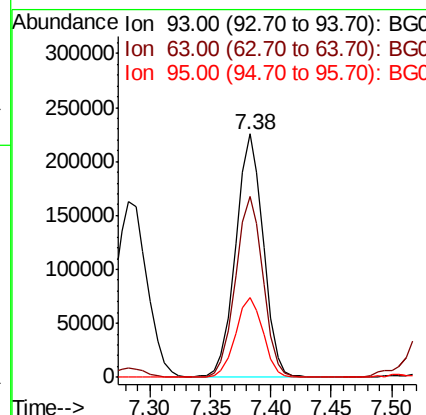
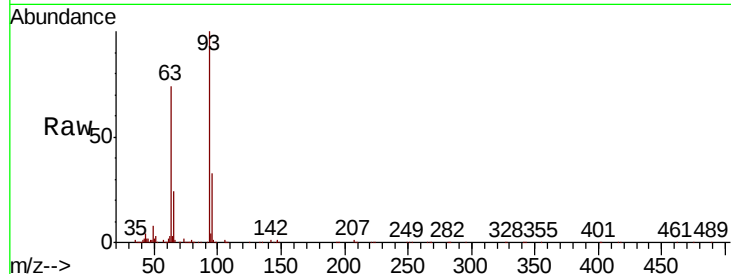
#11
bis(2-Chloroethyl)ether
Concen: 40.369 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	357699		
63	74.2		55.0	95.0
95	32.7		13.3	53.3

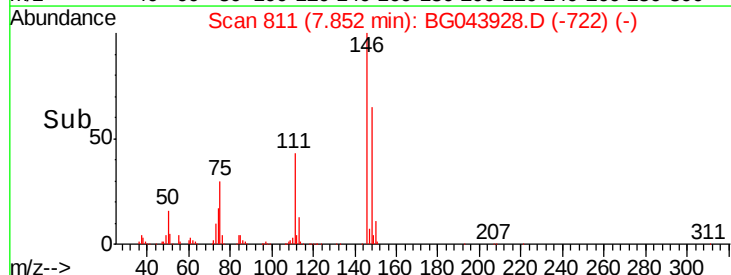
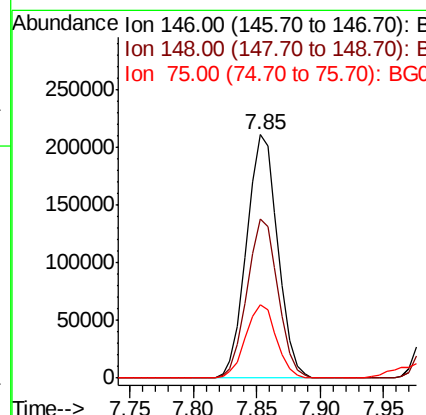
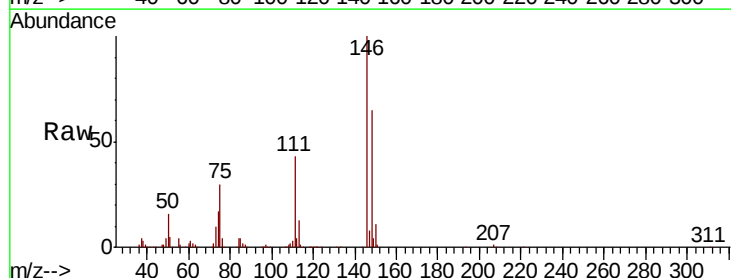
Manual Integrations
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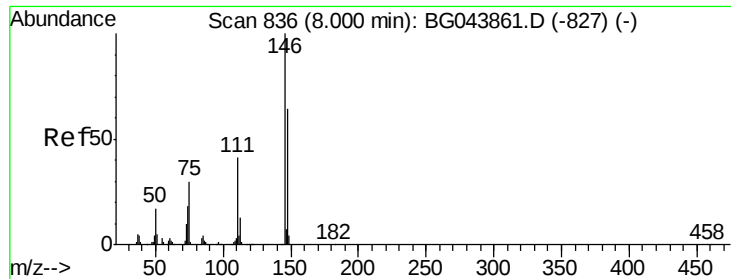
mohammad
1/7/2020 12:30:32 PM



#12
1,3-Dichlorobenzene
Concen: 36.778 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	360128		
148	65.2		52.1	78.1
75	30.2		23.0	34.4





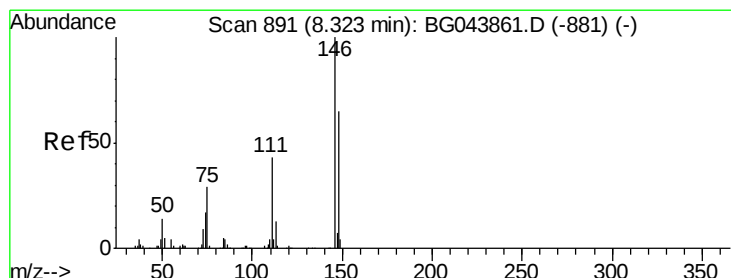
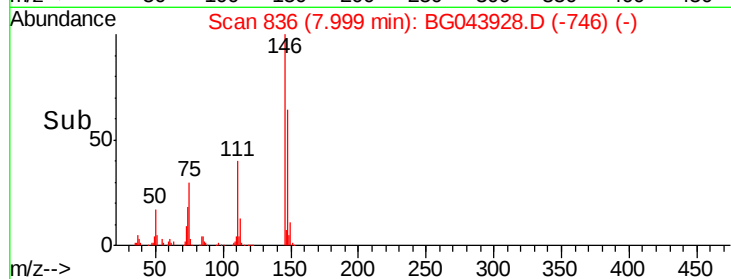
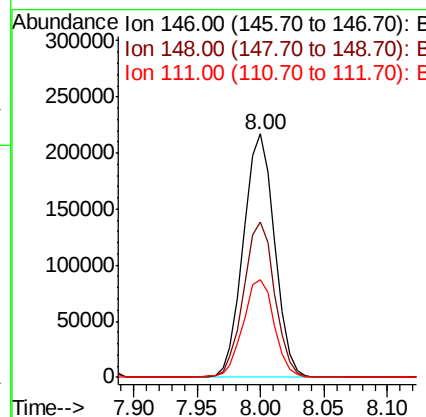
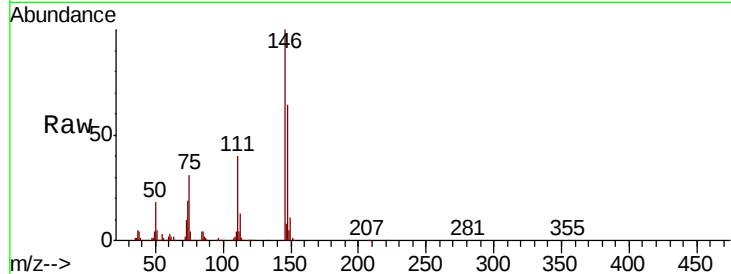
#13
1,4-Dichlorobenzene
Concen: 38.386 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	40.0	33.1	49.7

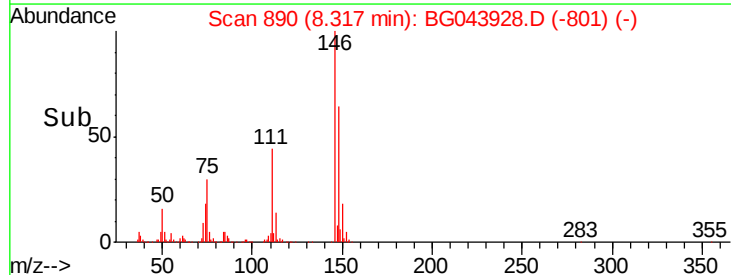
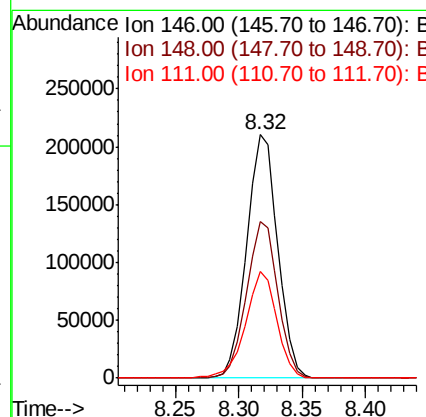
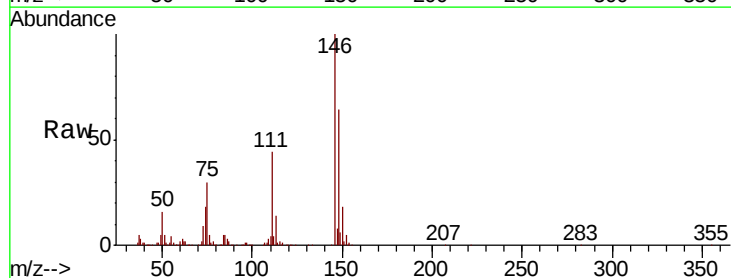
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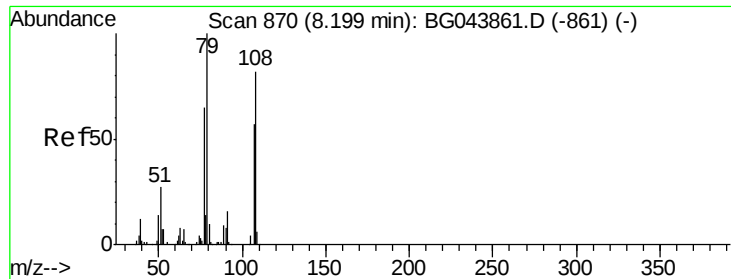
mohammad
1/7/2020 12:30:32 PM



#14
1,2-Dichlorobenzene
Concen: 38.546 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	43.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.005 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

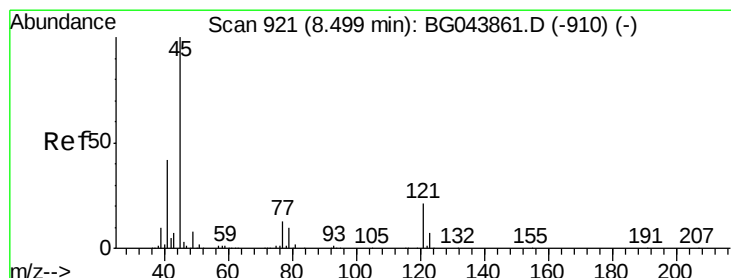
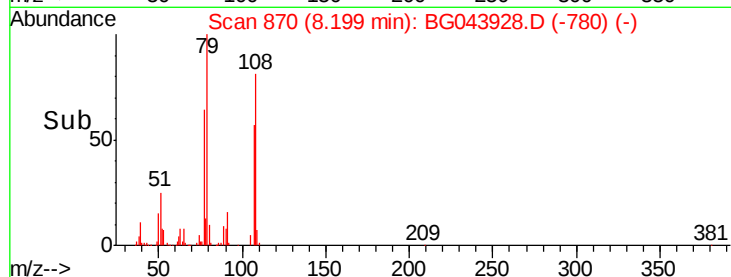
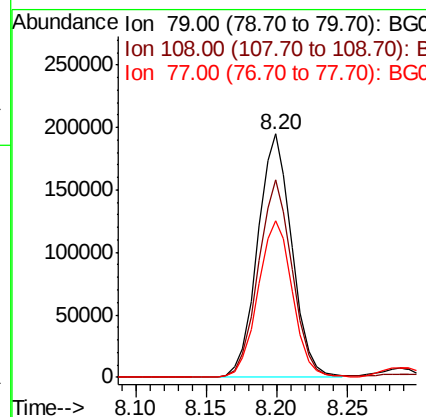
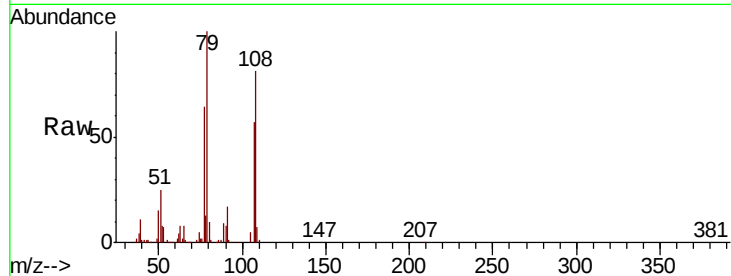
ClientSampleID :

PB125878BSD

Tot Ion:	79	Resp:	330289
Ion Ratio	Lower	Upper	
79	100		
108	81.4	65.6	98.4
77	64.4	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.268 ng

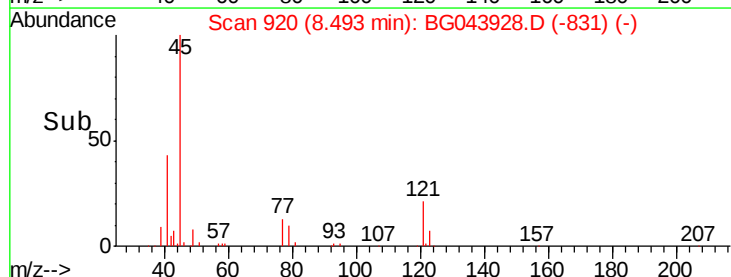
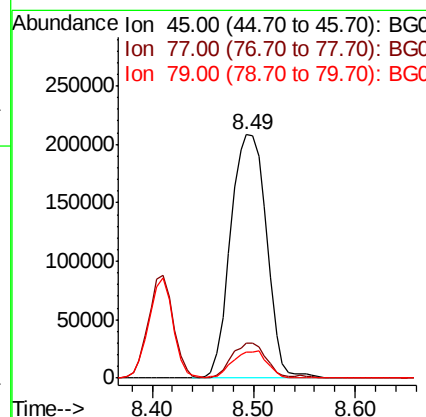
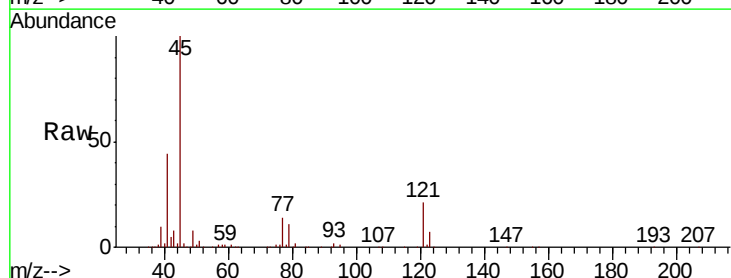
RT: 8.49 min Scan# 920

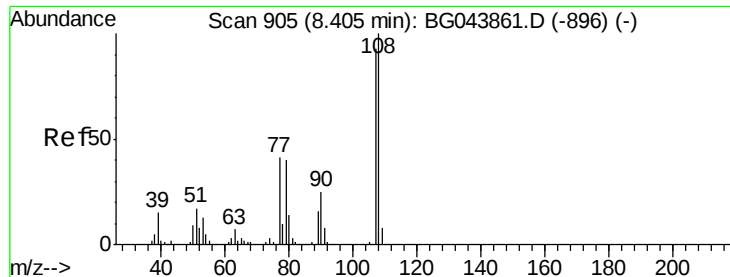
Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Tgt Ion:	45	Resp:	510901
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	33.8
79	10.7	0.0	31.0





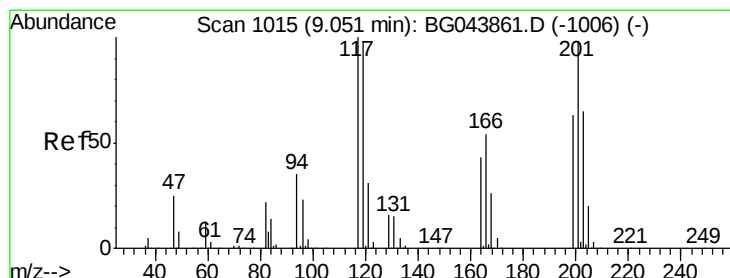
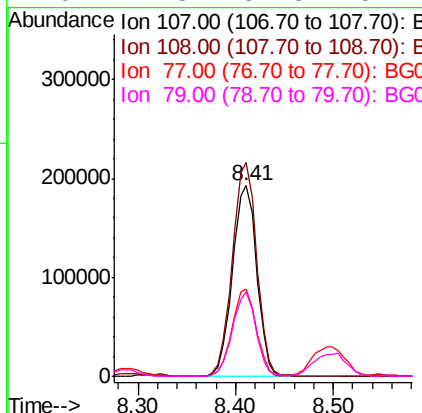
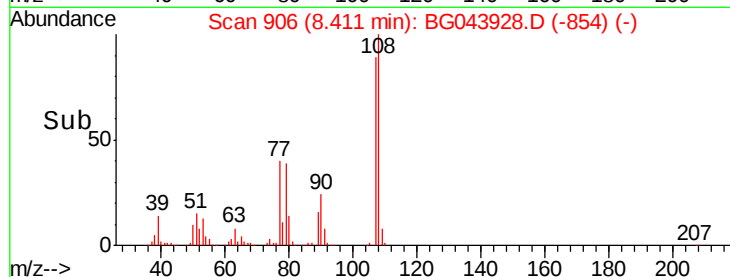
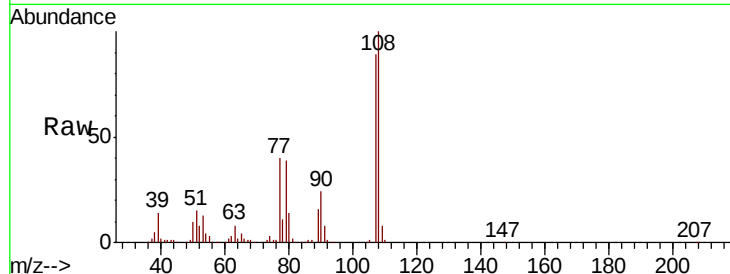
#17
2-Methylphenol
Concen: 45.018 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	86.1	129.1	
77	45.4	35.4	53.0	
79	44.3	34.8	52.2	

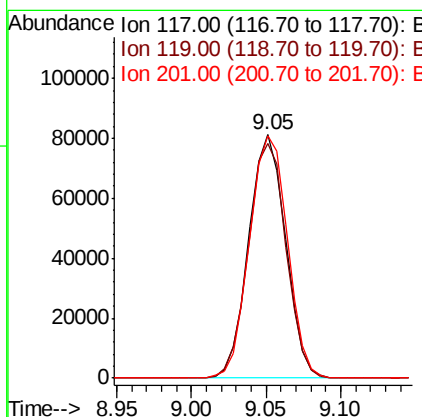
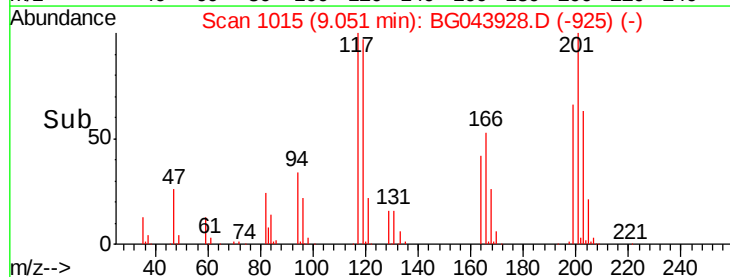
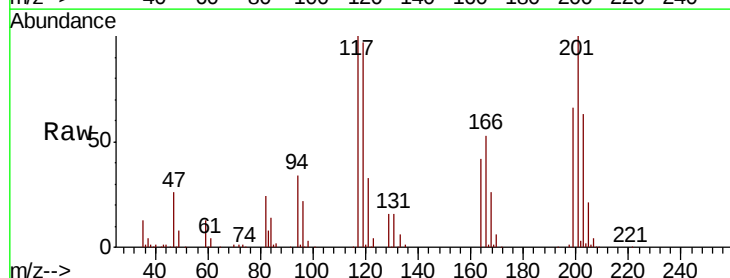
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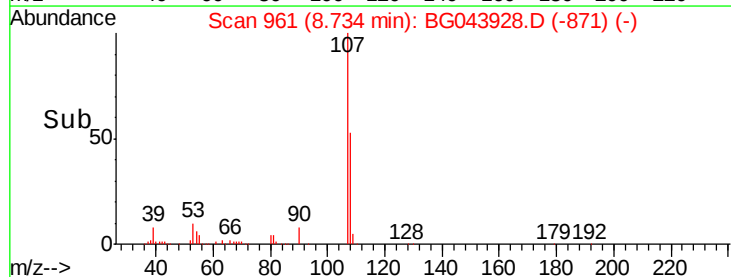
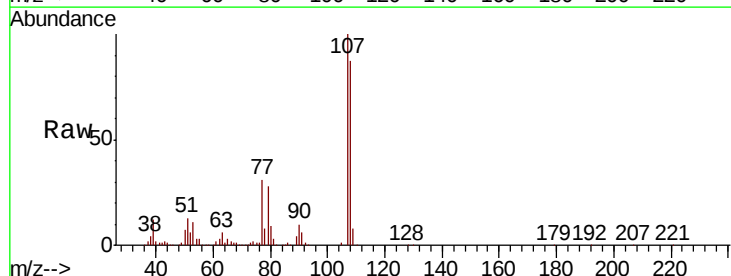
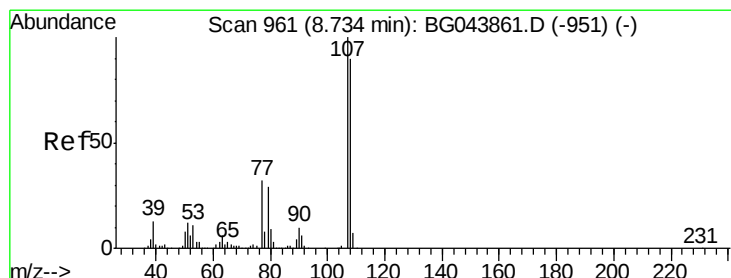
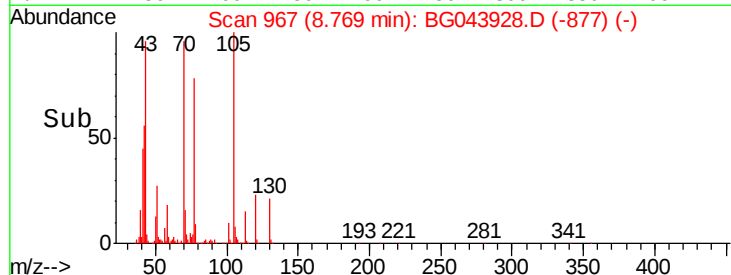
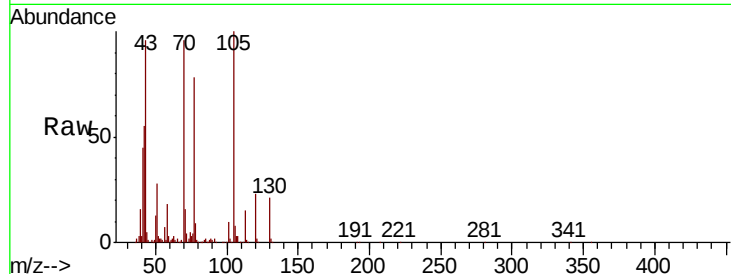
mohammad
1/7/2020 12:30:32 PM



#18
Hexachloroethane
Concen: 36.864 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

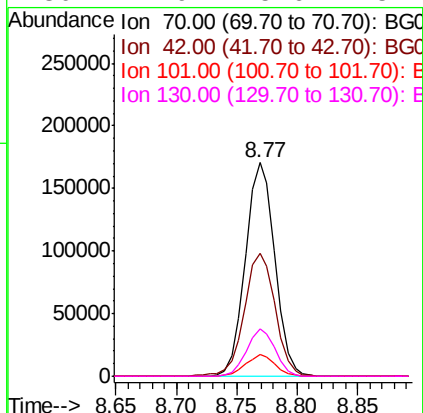
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	78.1	117.1	
201	102.4	78.6	117.8	





#19
n-Nitroso-di-n-propylamine
Concen: 39.089 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.7	47.0	70.4		
101	10.0	7.2	10.8		
130	21.9	15.6	23.4		



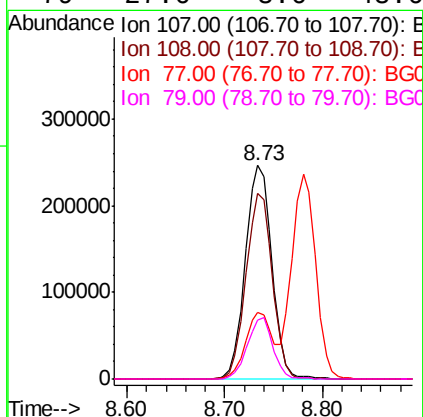
Instrument :
BNA_G
ClientSampleId :
PB125878BSD

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#20
3+4-Methylphenols
Concen: 45.388 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.9	70.3	110.3		
77	31.3	12.4	52.4		
79	27.6	8.6	48.6		





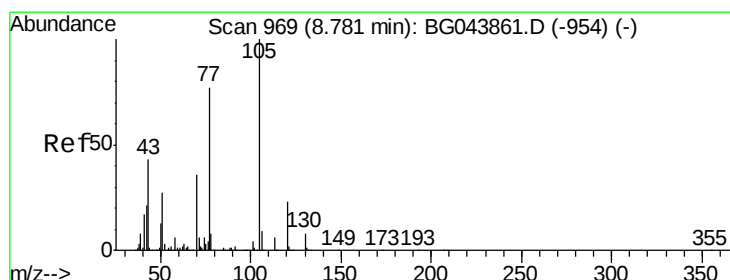
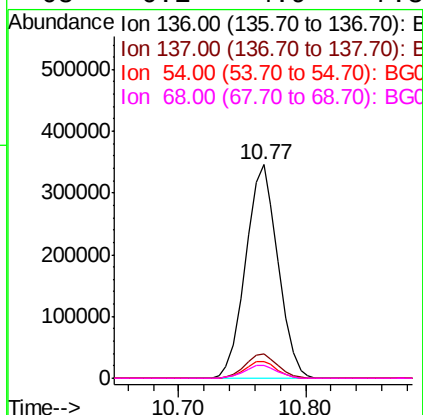
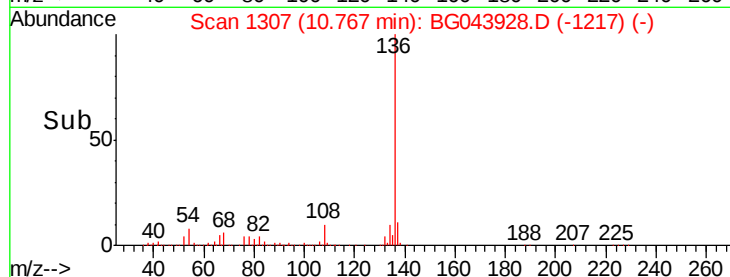
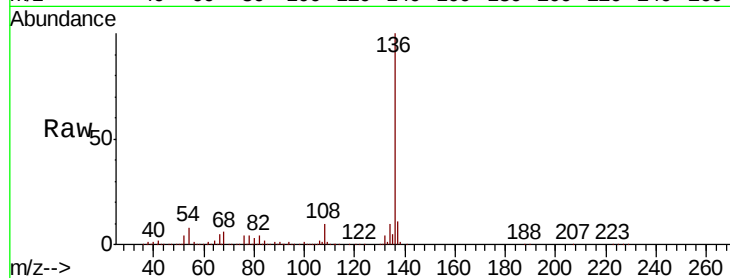
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleID :
PB125878BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		609528		
137	11.5	8.8	13.2		
54	7.8	7.0	10.4		
68	6.1	4.9	7.3		

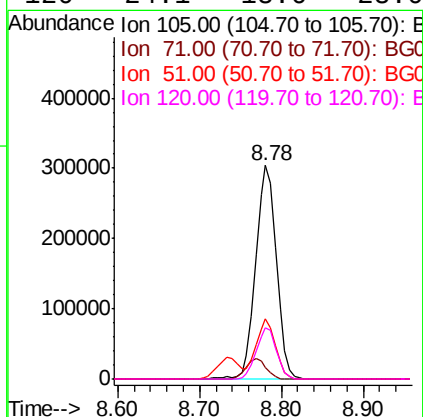
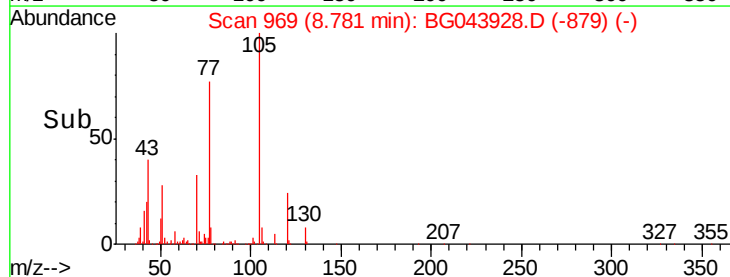
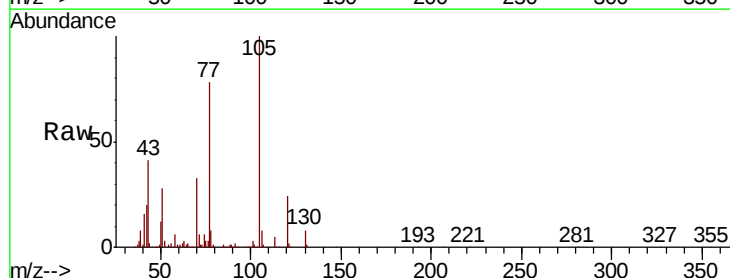
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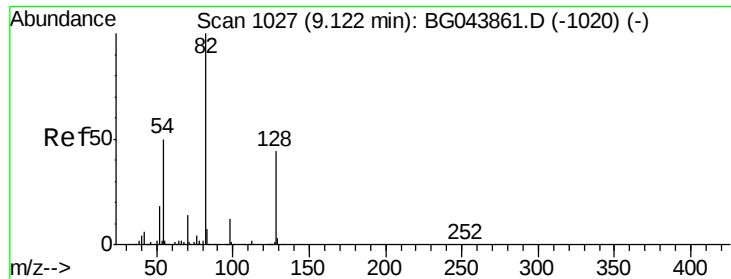
mohammad
1/7/2020 12:30:32 PM



#22
Acetophenone
Concen: 35.238 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		533973		
71	5.6	4.8	7.2		
51	28.2	21.4	32.0		
120	24.1	18.6	28.0		





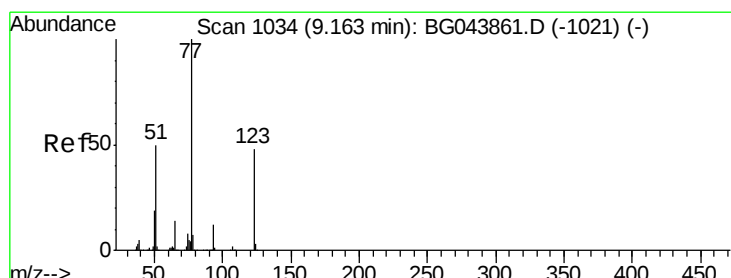
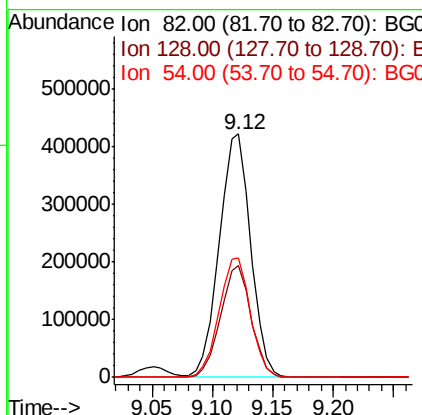
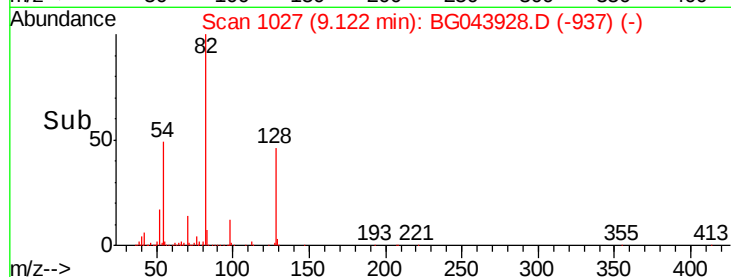
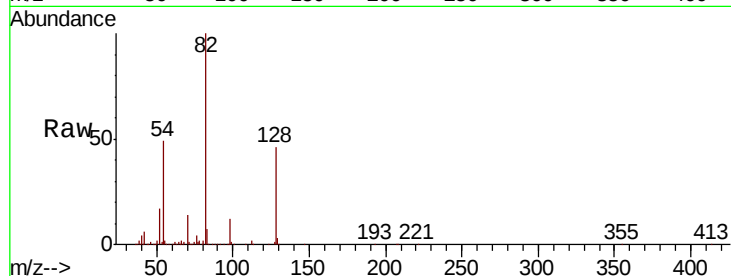
#23
 Nitrobenzene-d5
 Concen: 66.430 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.1	52.7
54	49.3	40.1	60.1

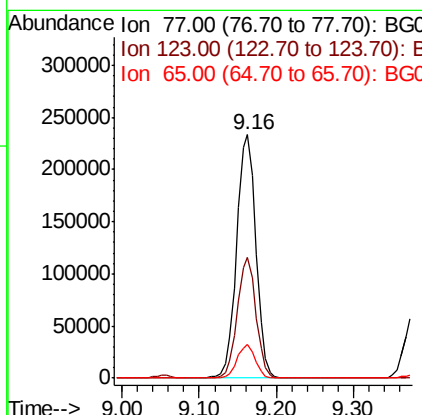
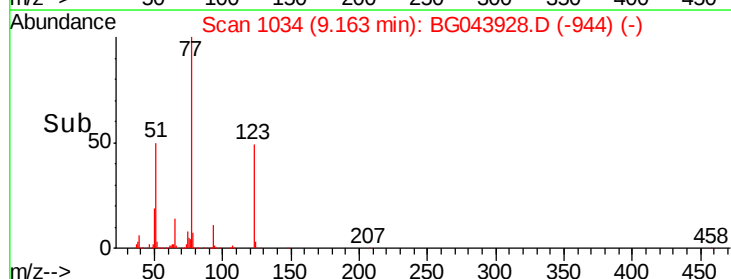
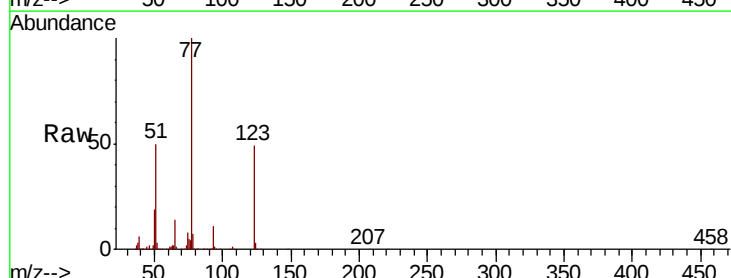
Manual Integrations
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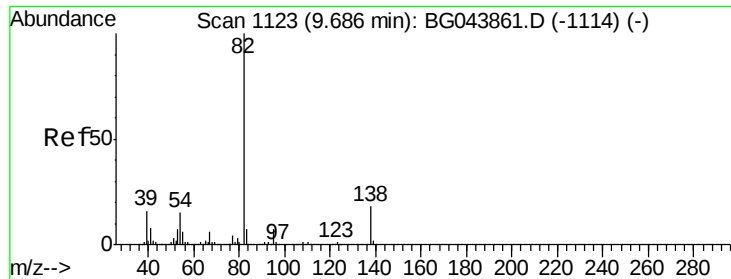
mohammad
 1/7/2020 12:30:32 PM



#24
 Nitrobenzene
 Concen: 36.398 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	38.7	58.1
65	13.8	11.1	16.7





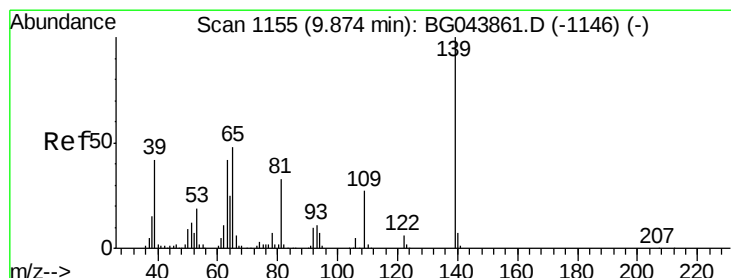
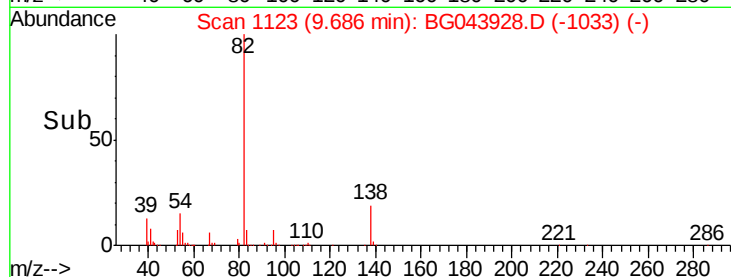
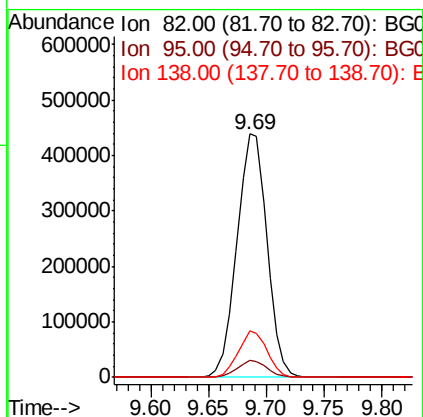
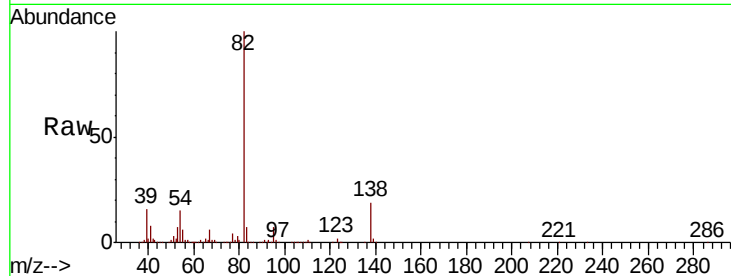
#25
Isophorone
Concen: 37.013 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.0	14.6	22.0

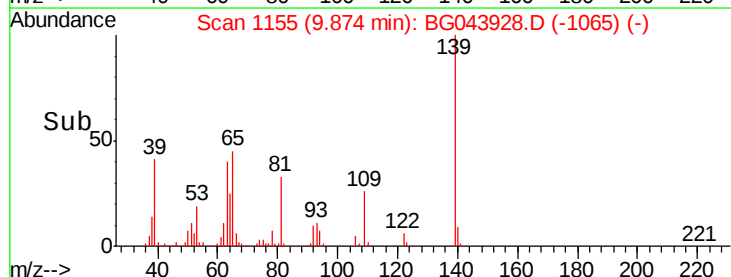
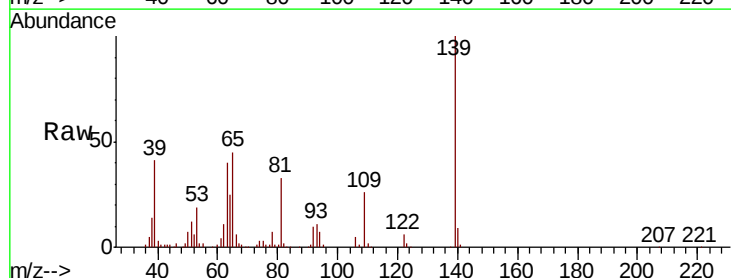
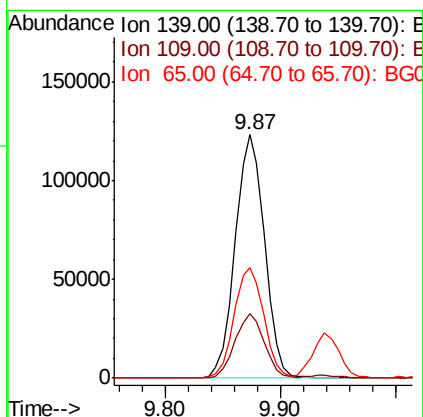
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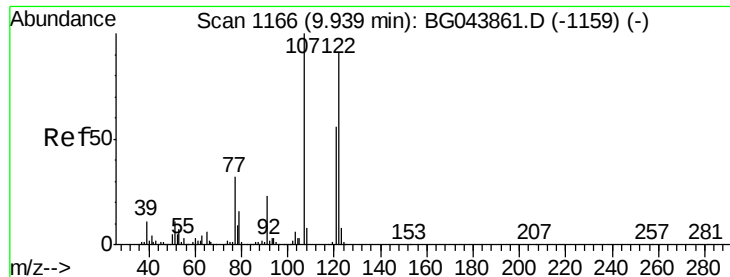
mohammad
1/7/2020 12:30:32 PM



#26
2-Nitrophenol
Concen: 40.420 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.3	21.3	31.9
65	45.3	38.6	57.8





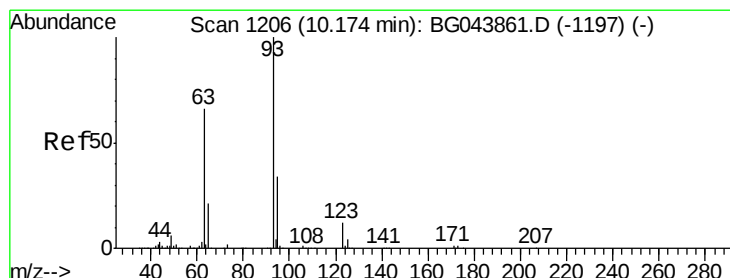
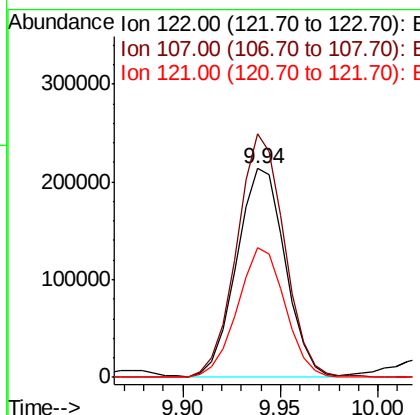
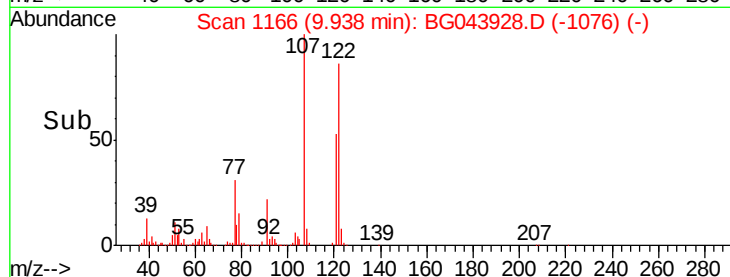
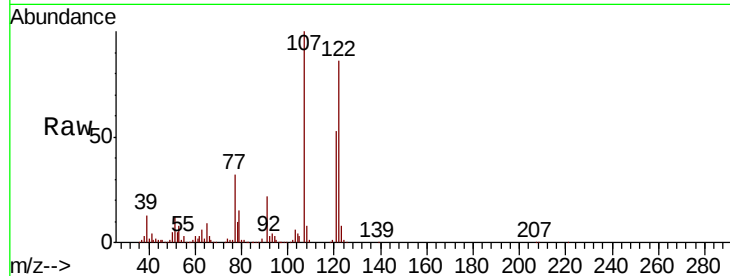
#27
2,4-Dimethylphenol
Concen: 45.545 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	366039		
107	116.7	88.0	132.0	
121	62.1	49.0	73.4	

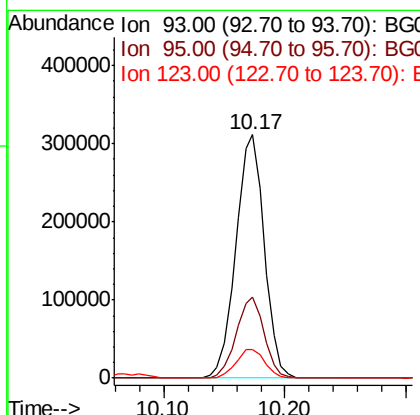
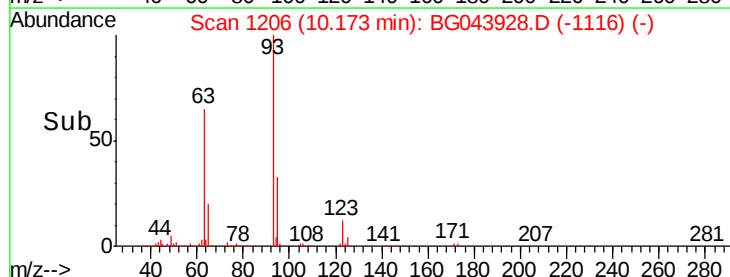
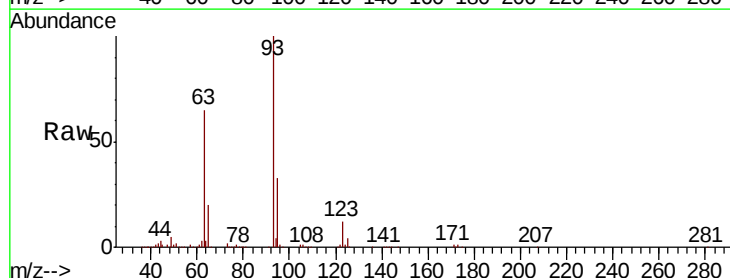
Manual Integrations
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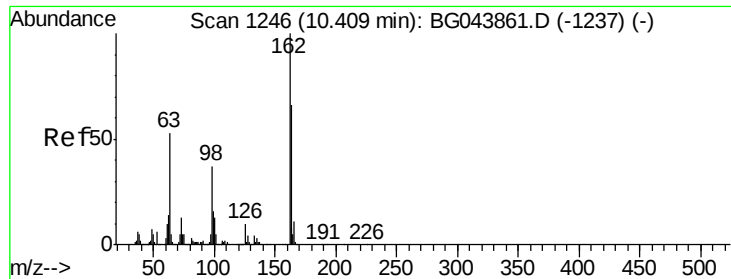
mohammad
1/7/2020 12:30:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.694 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	508680		
95	33.2	27.2	40.8	
123	11.9	9.7	14.5	





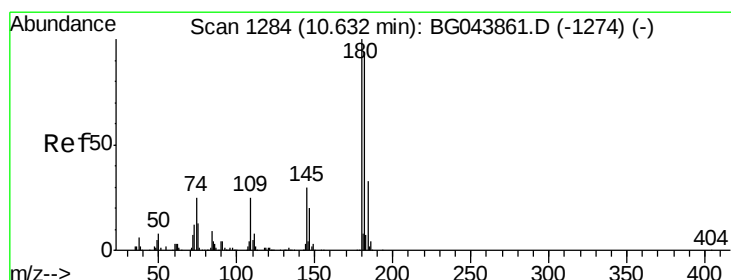
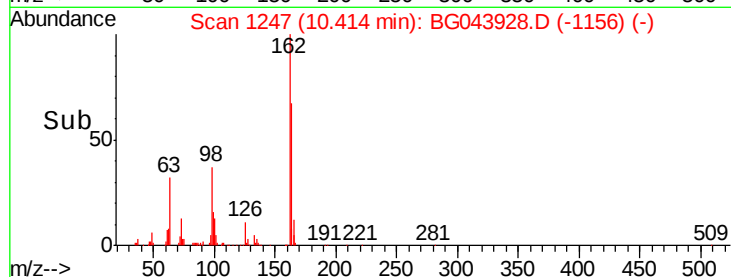
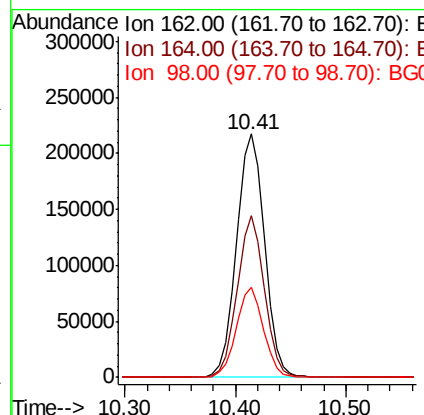
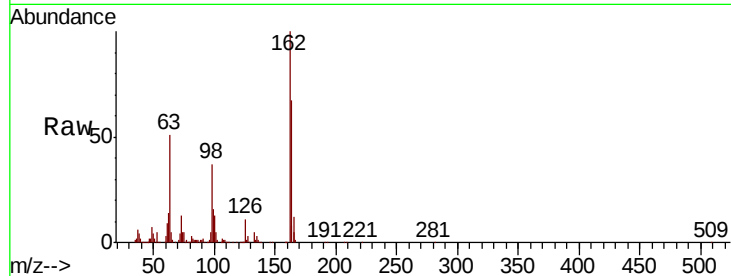
#29
 2,4-Dichlorophenol
 Concen: 40.583 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.6	46.3	86.3
98	36.9	17.3	57.3

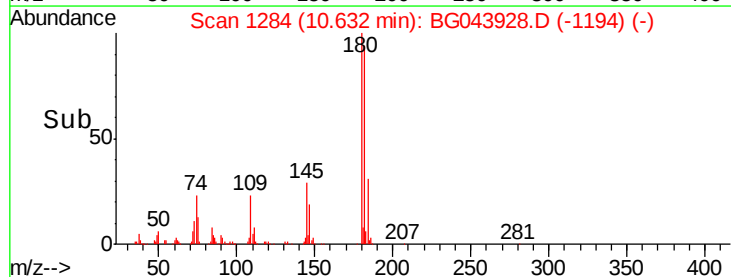
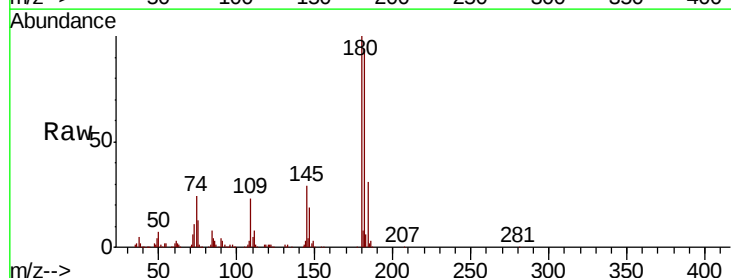
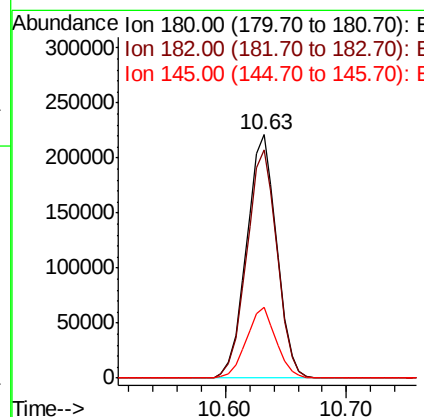
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.762 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	75.0	112.4
145	29.0	24.2	36.4





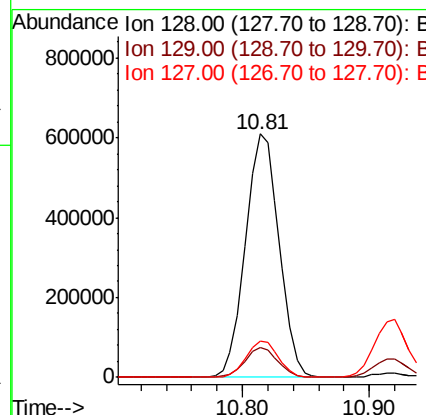
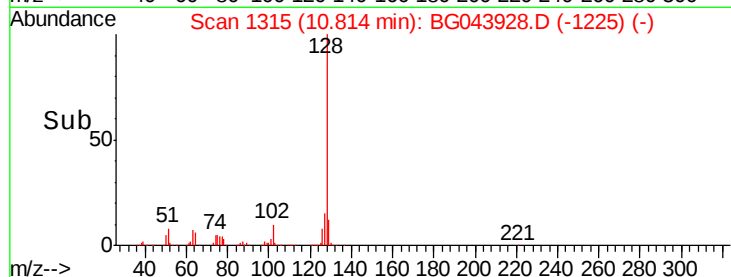
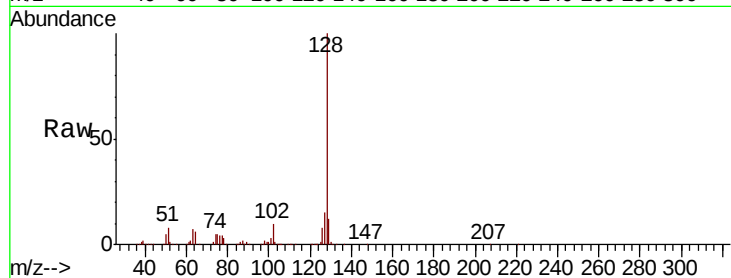
#31
Naphthalene
Concen: 37.986 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.9	12.0	18.0

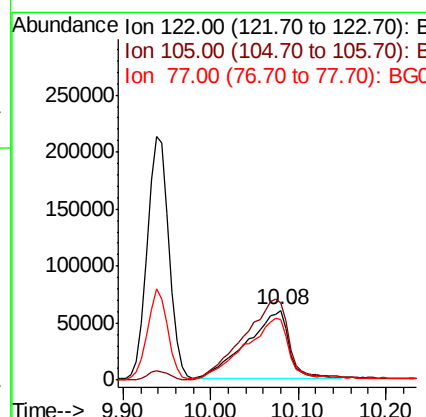
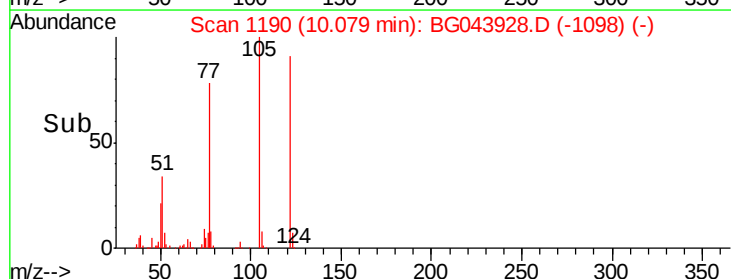
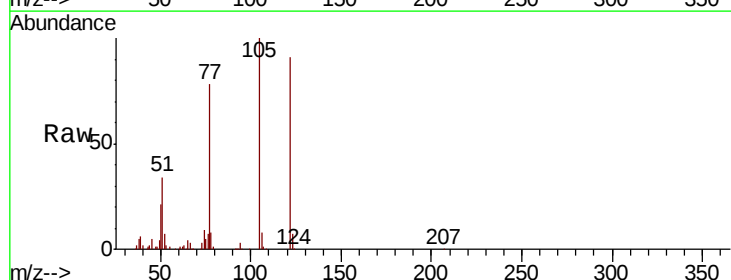
Manual Integrations
APPROVED

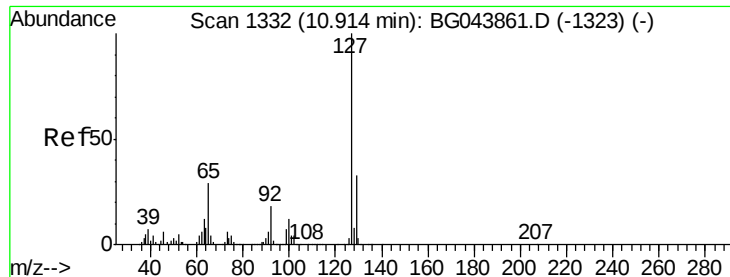
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#32
Benzoic acid
Concen: 32.678 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.2	106.4	146.4
77	86.5	74.6	114.6





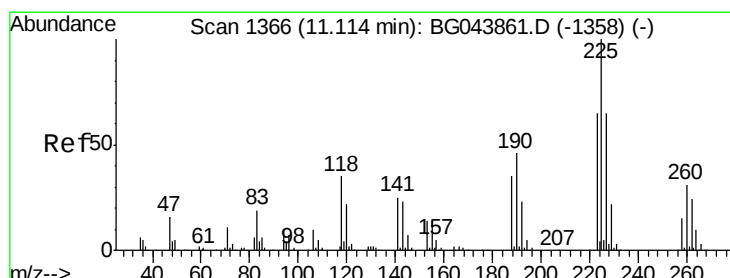
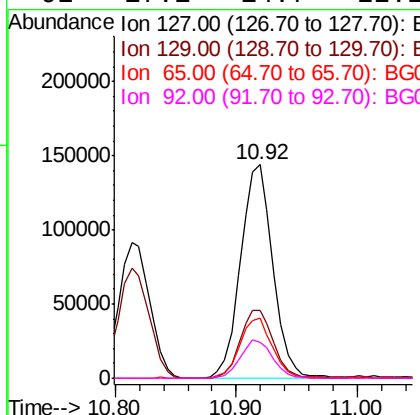
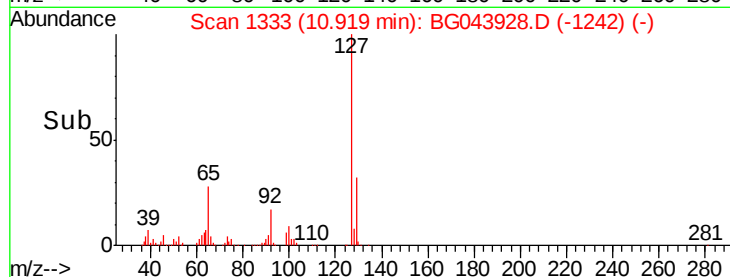
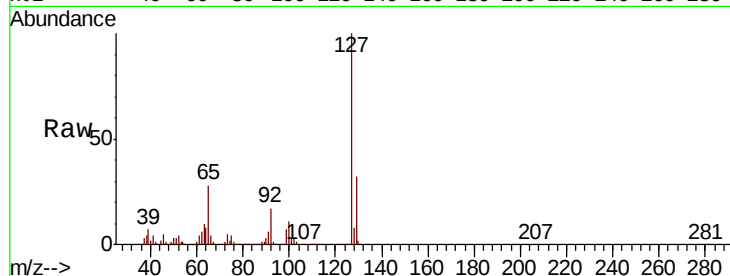
#33
4-Chloroaniline
Concen: 19.008 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		267408		
129	31.5	26.6	40.0		
65	28.2	23.3	34.9		
92	17.1	14.7	22.1		

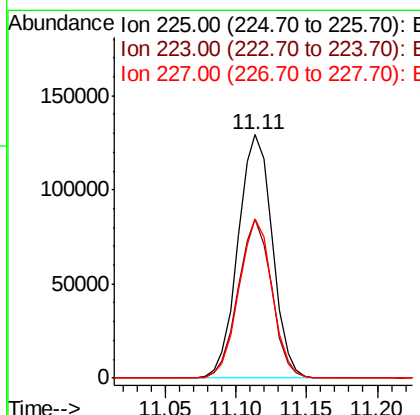
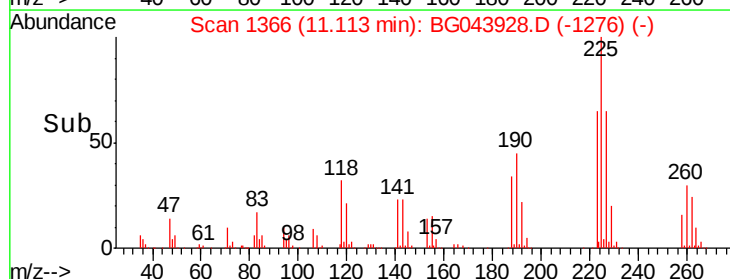
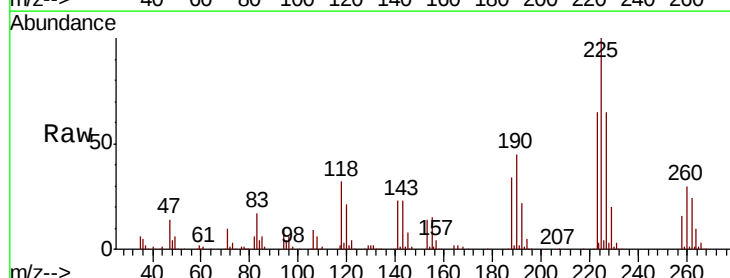
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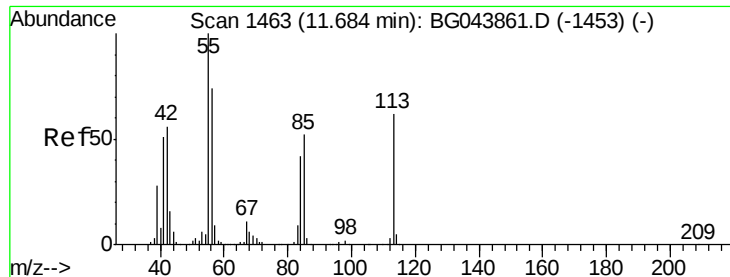
mohammad
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#34
Hexachlorobutadiene
Concen: 33.527 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		220029		
223	65.5	52.2	78.4		
227	65.4	52.1	78.1		





#35

Caprolactam

Concen: 41.039 ng/ml

RT: 11.68 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleID :

PB125878BSD

Tot Ion:113 Resp: 146460

Ion Ratio Lower Upper

113 100

55 162.0 142.5 182.5

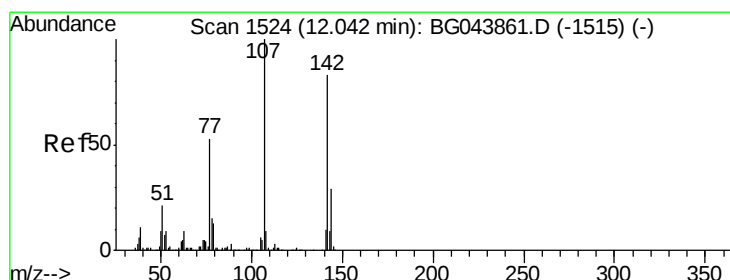
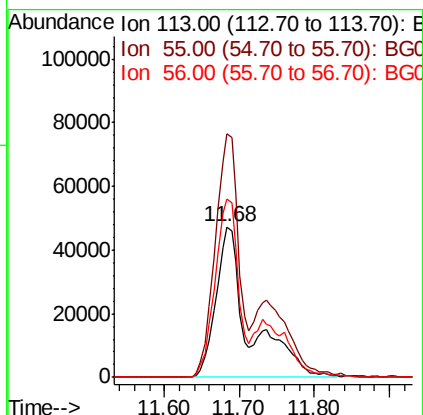
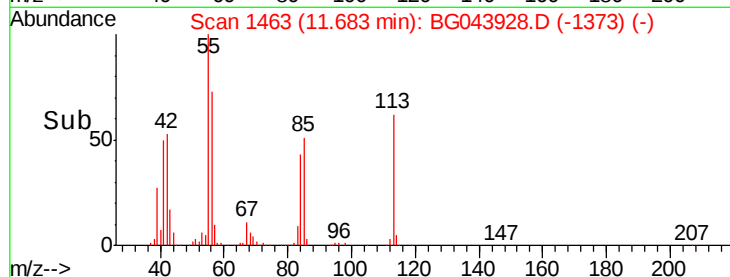
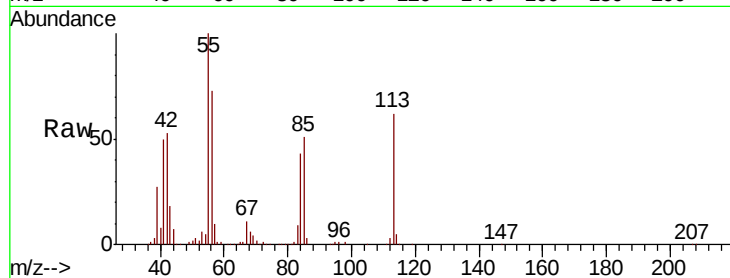
56 118.4 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 41.449 ng/ml

RT: 12.05 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

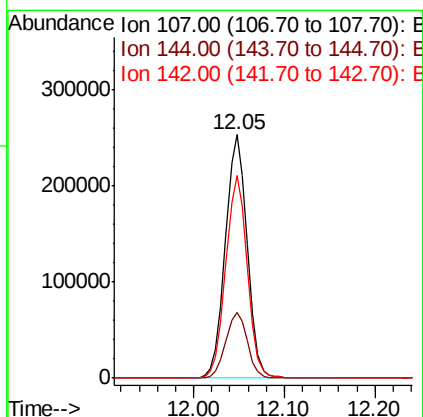
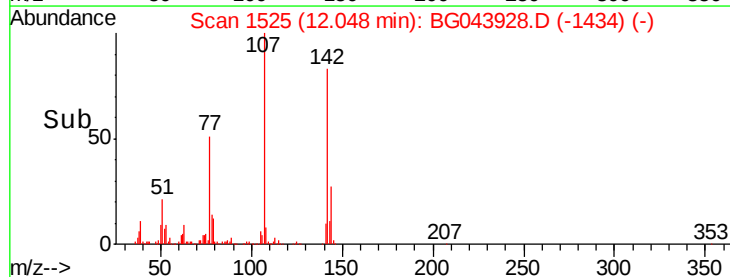
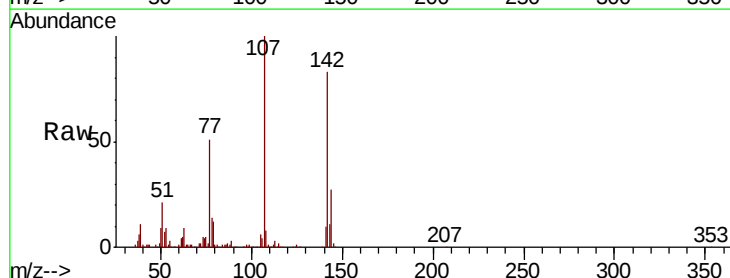
Tgt Ion:107 Resp: 423007

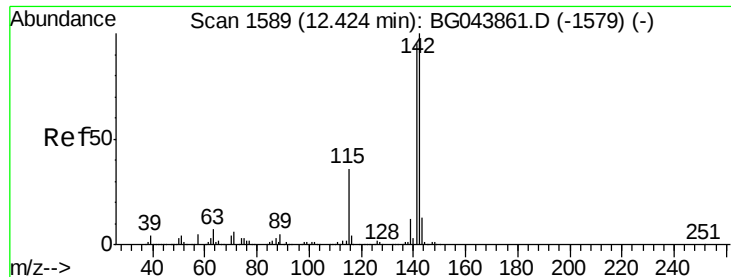
Ion Ratio Lower Upper

107 100

144 27.2 23.4 35.2

142 83.1 66.3 99.5





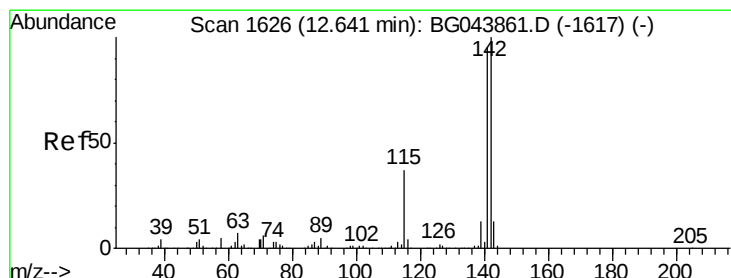
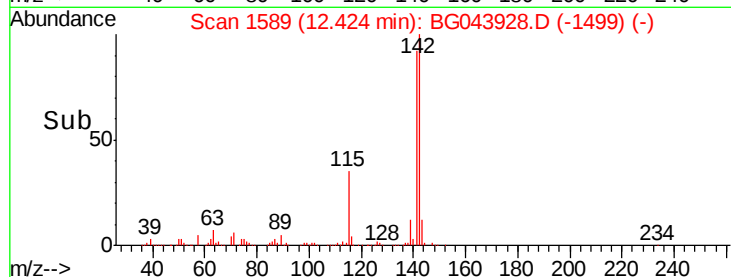
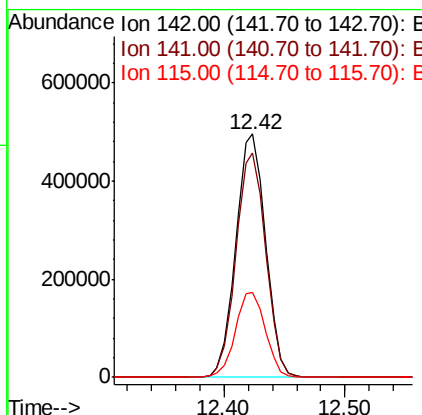
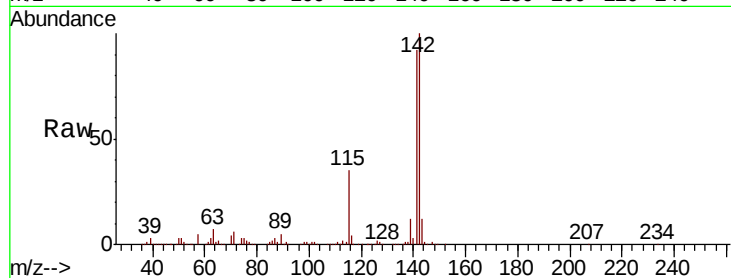
#37
2-Methylnaphthalene
Concen: 38.454 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

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

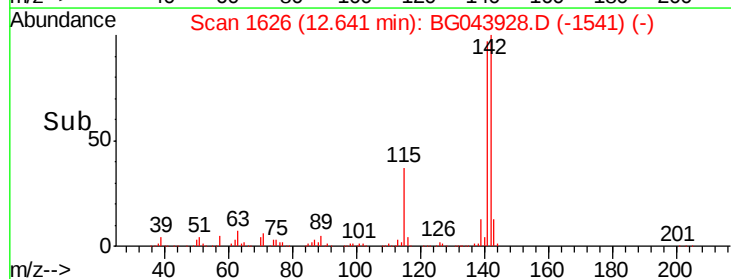
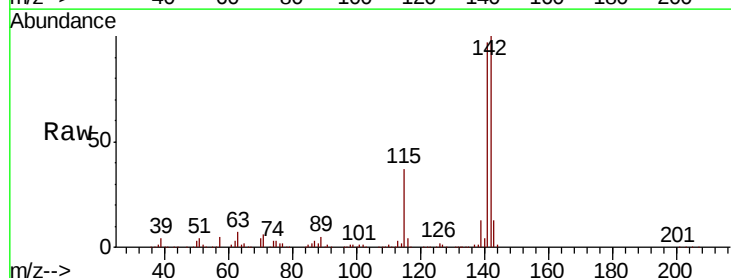
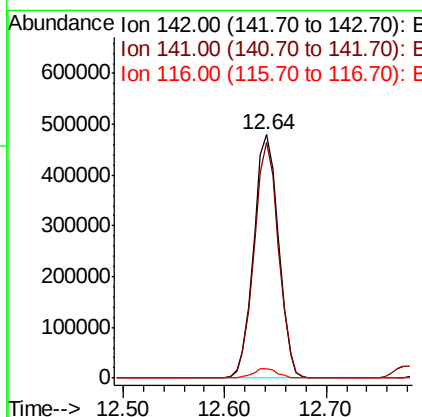
Manual Integrations
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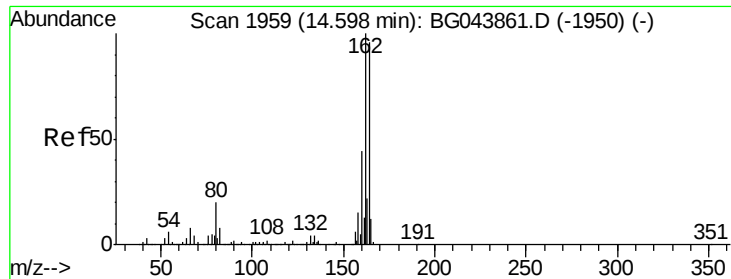
mohammad
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#38
1-Methylnaphthalene
Concen: 38.772 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.7	76.0	114.0
116	3.9	3.1	4.7





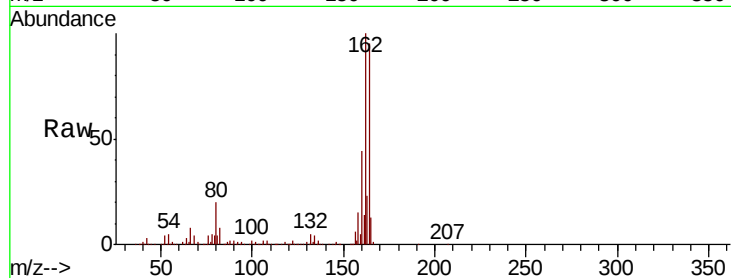
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.0	83.0	124.4	
160	45.7	36.1	54.1	

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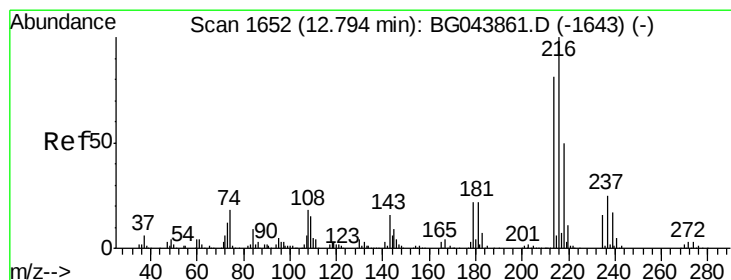
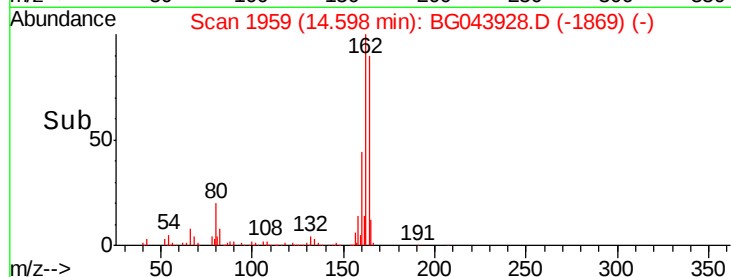
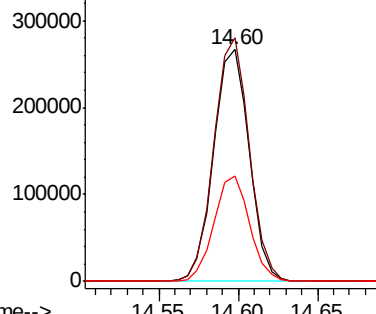


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.503 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.8	95.8	
179	21.8	17.3	25.9	
108	19.6	15.3	22.9	

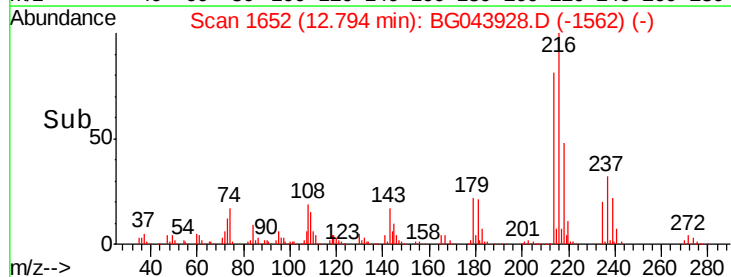
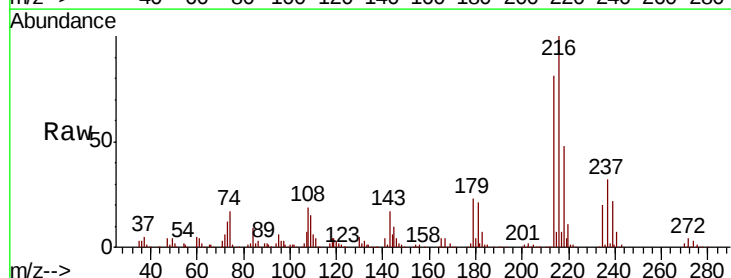
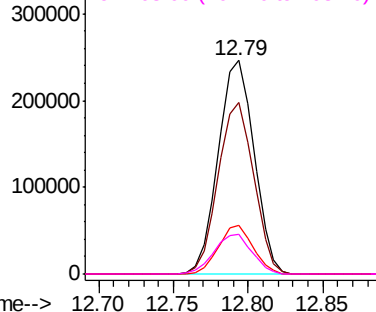
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 50.108 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

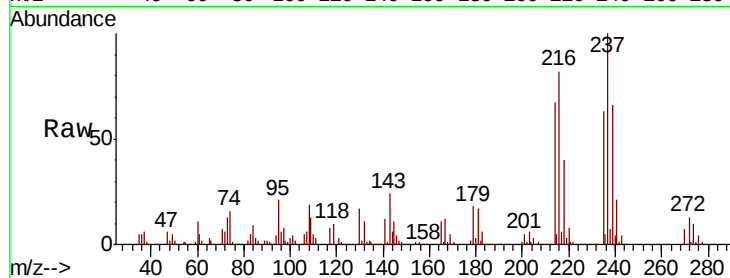
ClientSampleId :

PB125878BSD

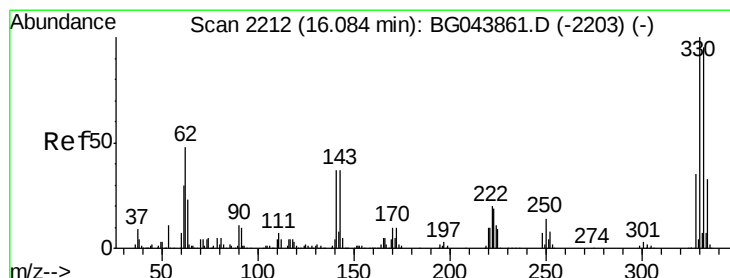
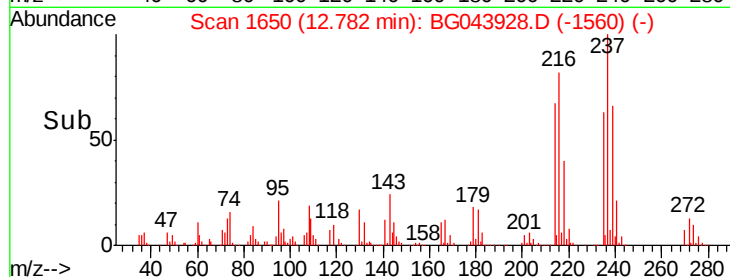
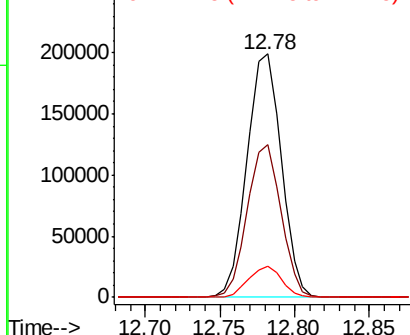
Tot Ion:	237	Resp:	316678
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.1	81.1
272	12.9	0.0	31.7

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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: 105.664 ng

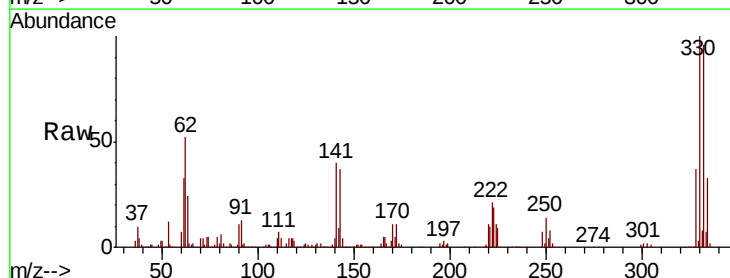
RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

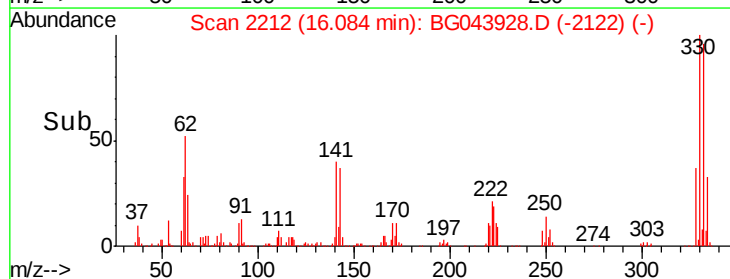
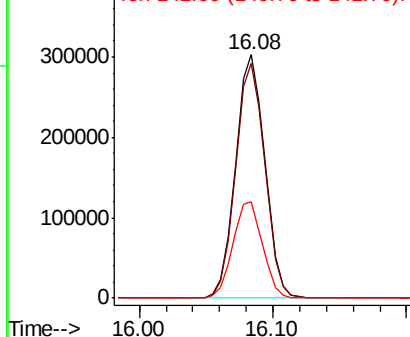
Lab File: BG043928.D

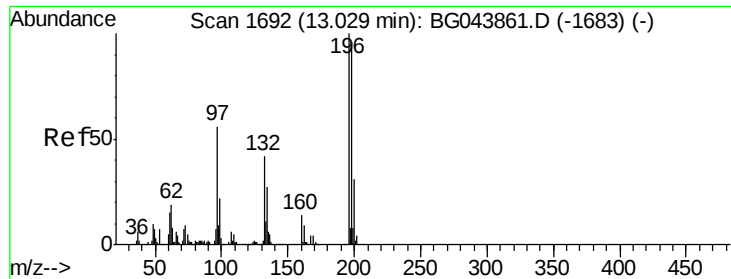
Acq: 6 Jan 2020 12:40

Tgt Ion:	330	Resp:	459889
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.2	115.8
141	40.4	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





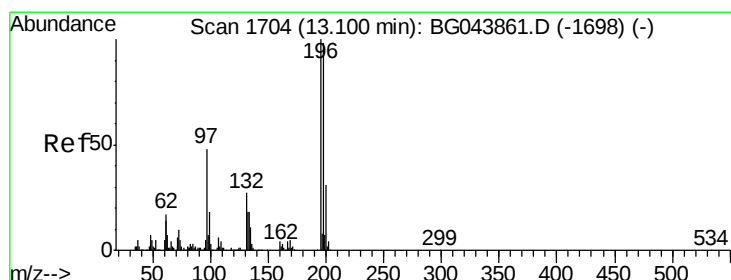
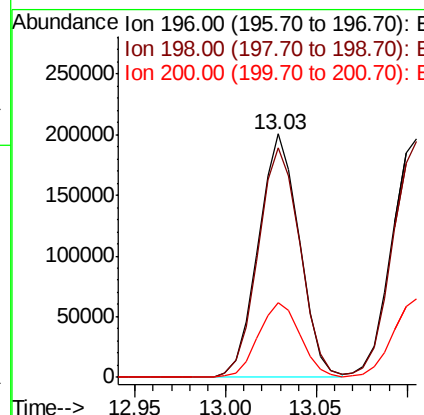
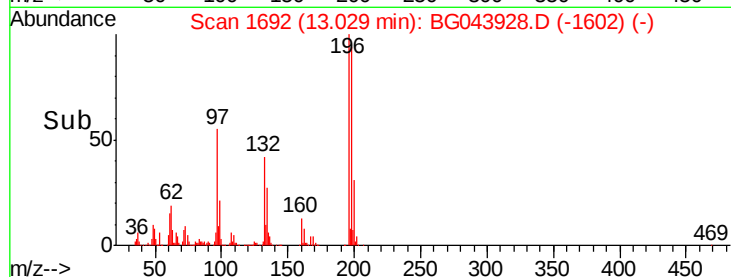
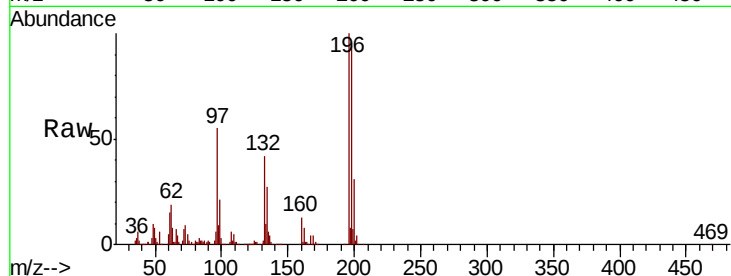
#43
 2,4,6-Trichlorophenol
 Concen: 37.467 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	314263		
198	94.2	76.6	115.0	
200	30.8	24.6	37.0	

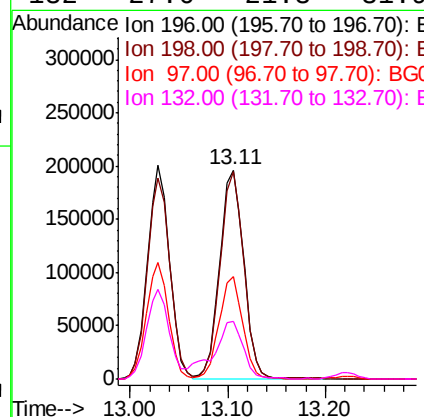
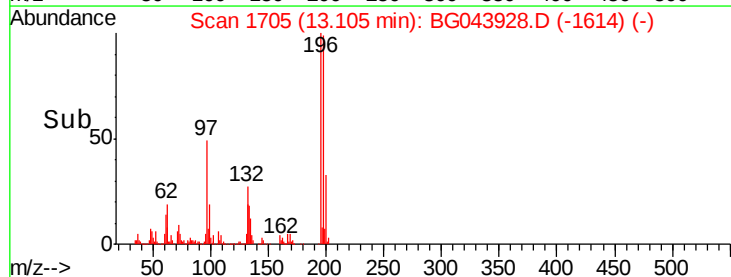
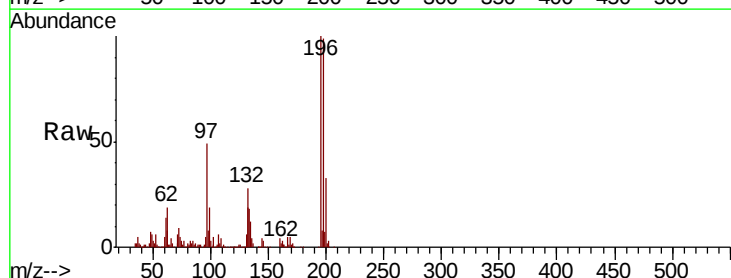
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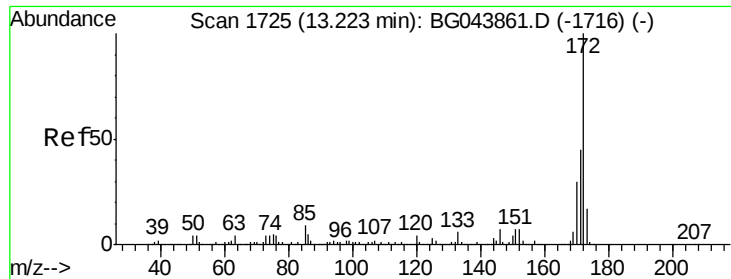
mohammad
 1/7/2020 12:30:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.823 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335858		
198	99.2	78.3	117.5	
97	49.1	38.8	58.2	
132	27.6	21.3	31.9	





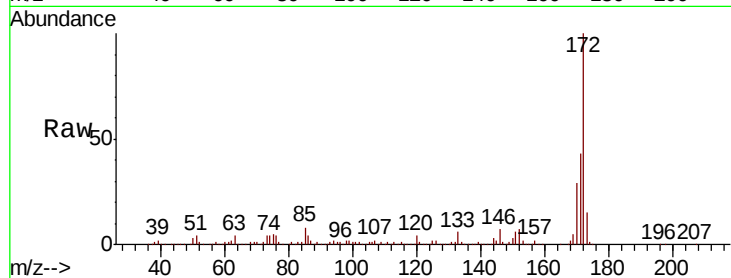
#45
2-Fluorobiphenyl
Concen: 71.248 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.3	35.8	53.8
170	28.9	24.2	36.4

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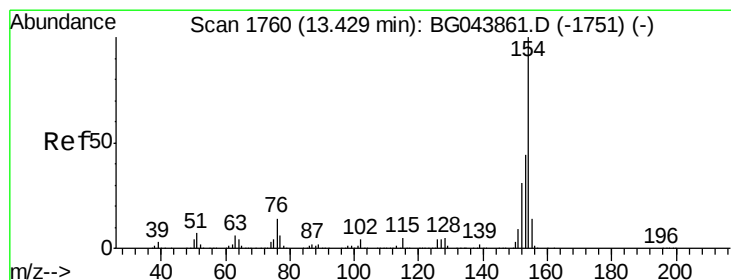
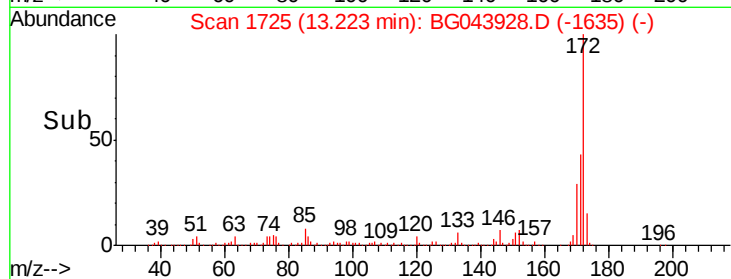
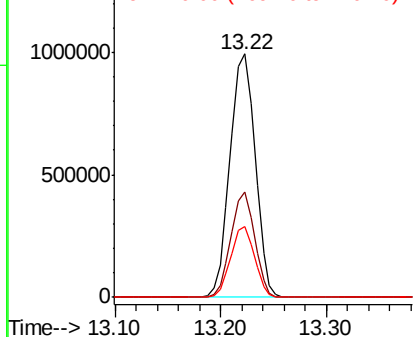


Abundance

Ion 172.00 (171.70 to 172.70): E

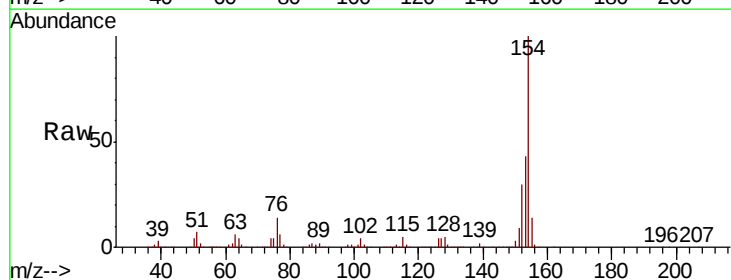
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.019 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.6	63.6
76	13.8	0.0	34.4

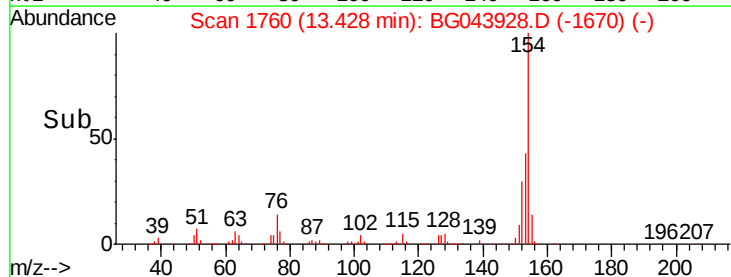
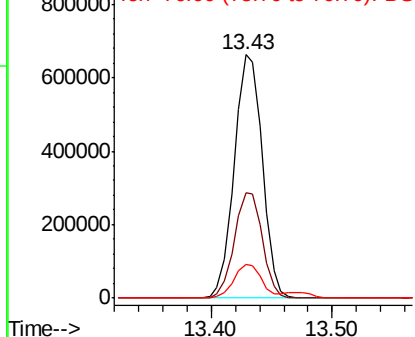


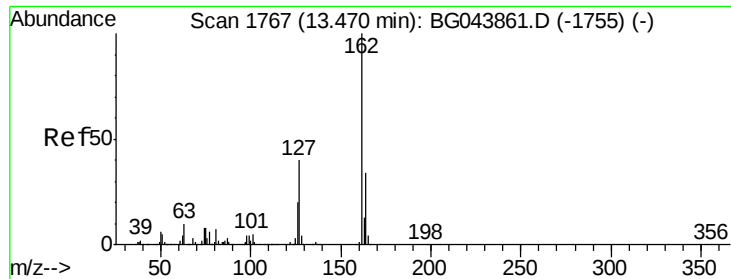
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





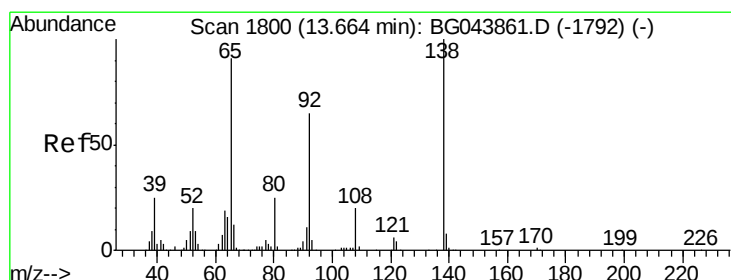
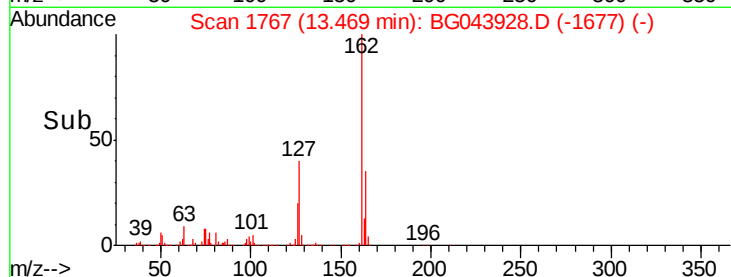
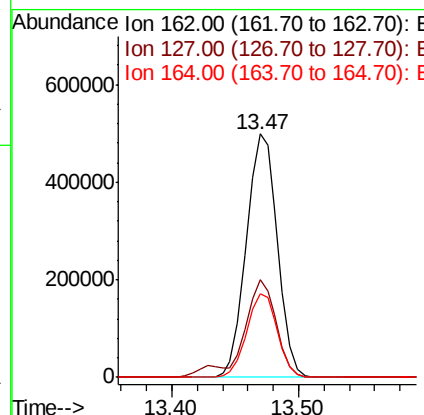
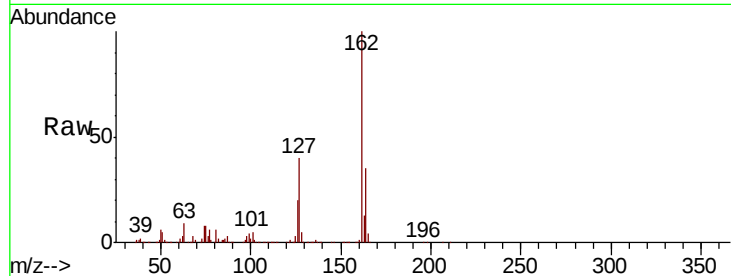
#47
2-Chloronaphthalene
Concen: 35.055 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	844700		
127	40.0		32.1	48.1
164	34.5		27.5	41.3

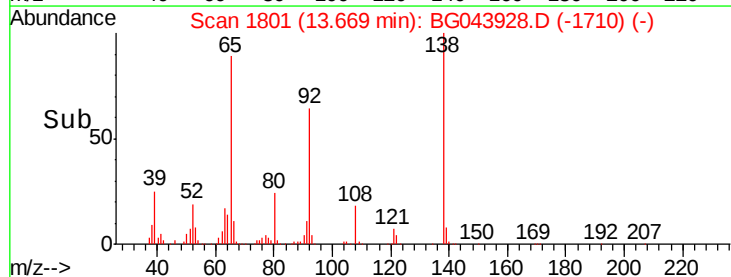
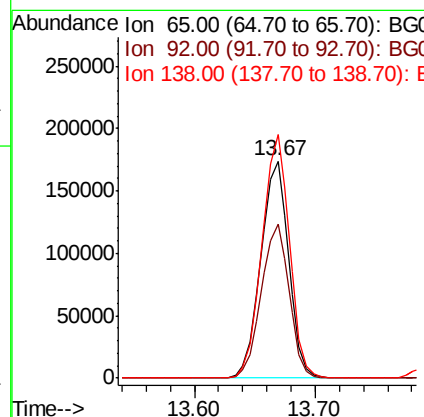
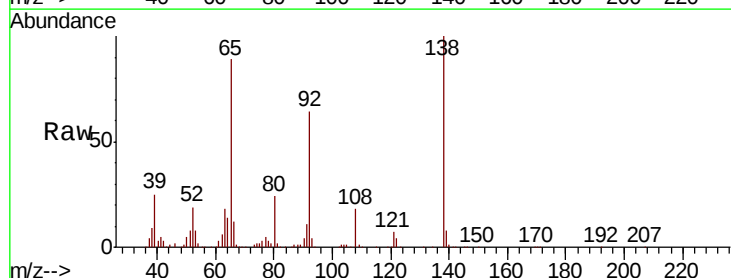
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#48
2-Nitroaniline
Concen: 36.164 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	280310		
92	71.1		57.4	86.2
138	112.0		88.2	132.4





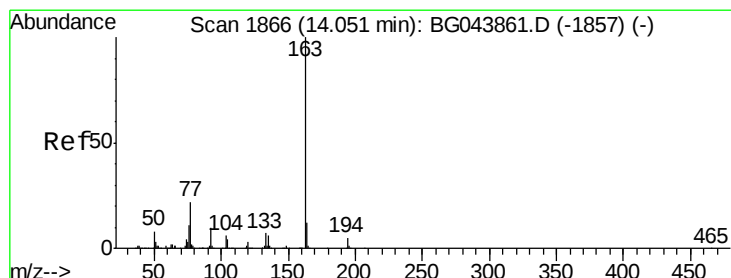
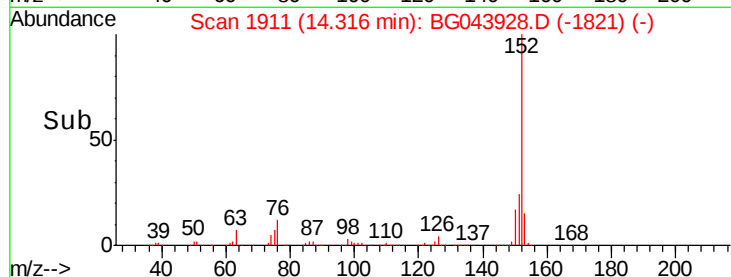
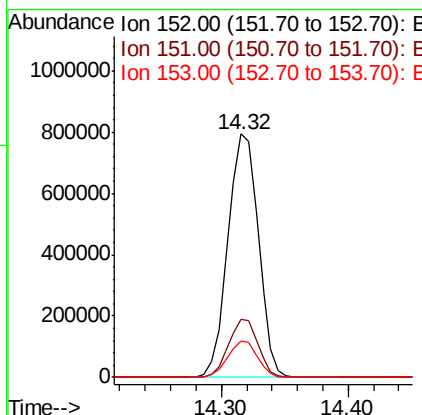
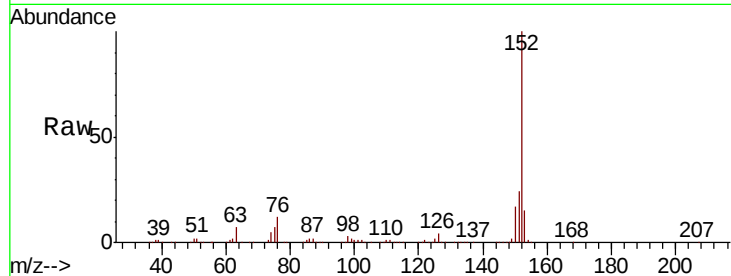
#49
Acenaphthylene
Concen: 38.070 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	23.7	19.4	29.2	
153	14.9	12.0	18.0	

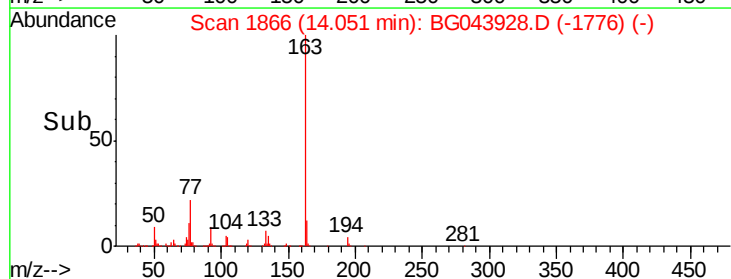
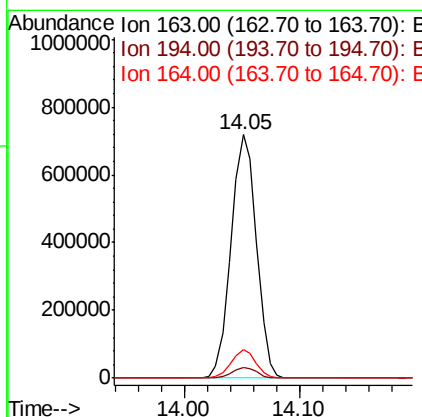
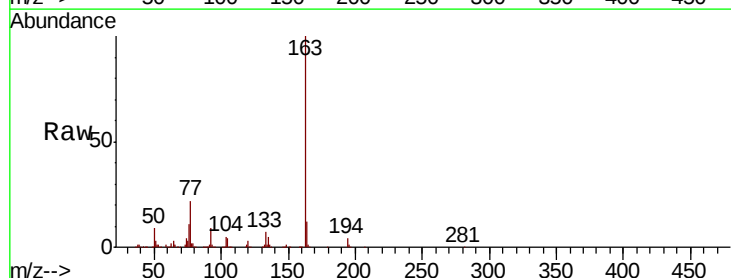
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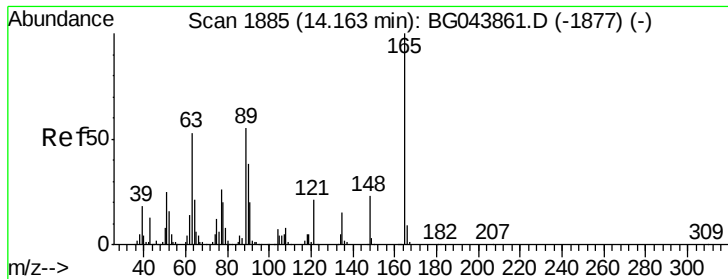
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#50
Dimethylphthalate
Concen: 36.947 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.2	3.7	5.5	
164	11.7	9.3	13.9	





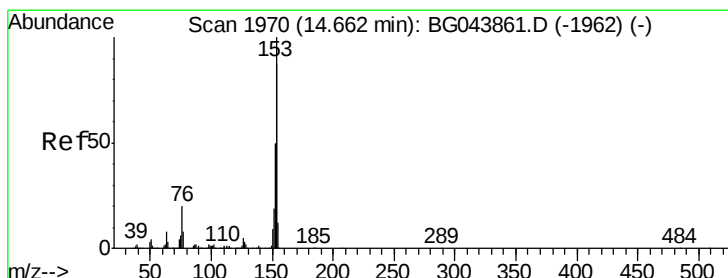
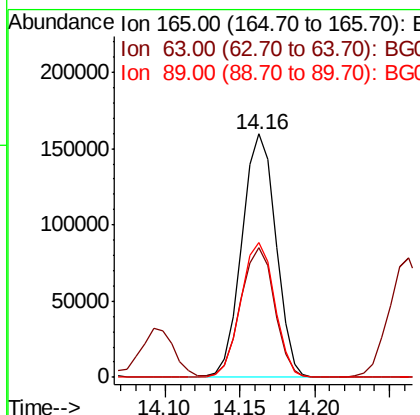
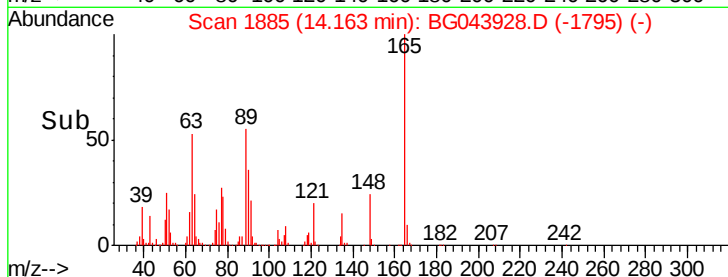
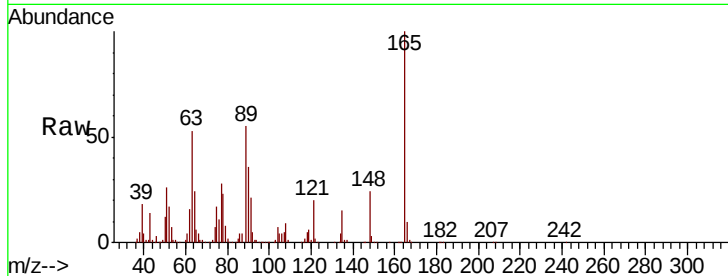
#51
2,6-Dinitrotoluene
Concen: 37.706 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	251673		
63	53.3		43.1	64.7
89	55.5		43.8	65.6

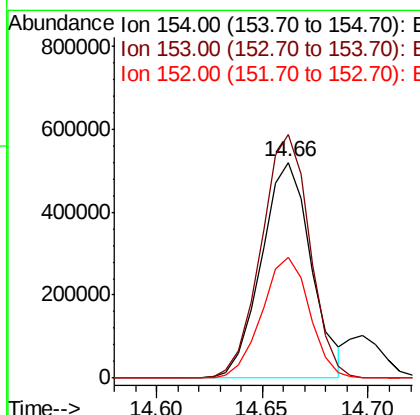
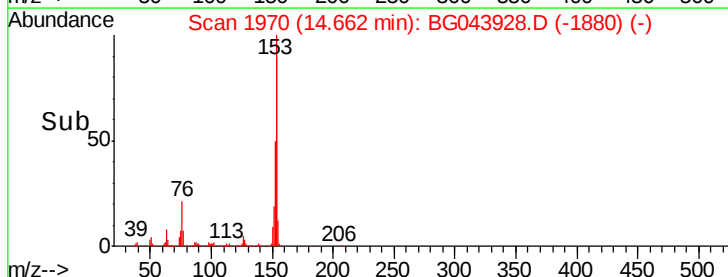
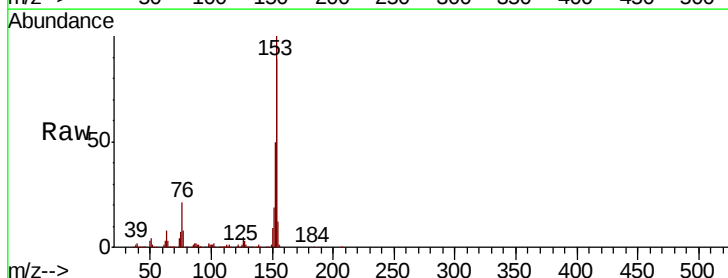
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#52
Acenaphthene
Concen: 35.146 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	853624		
153	112.9		91.6	137.4
152	56.2		45.4	68.0





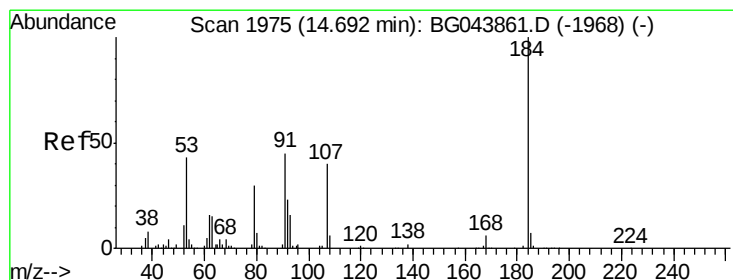
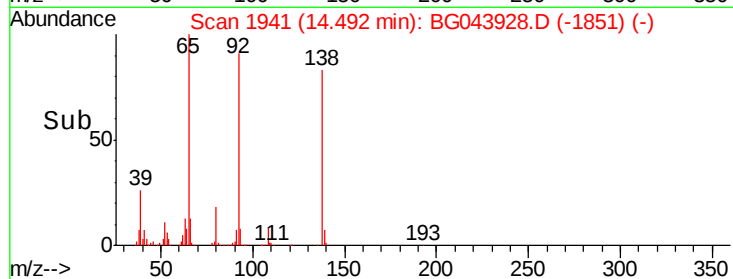
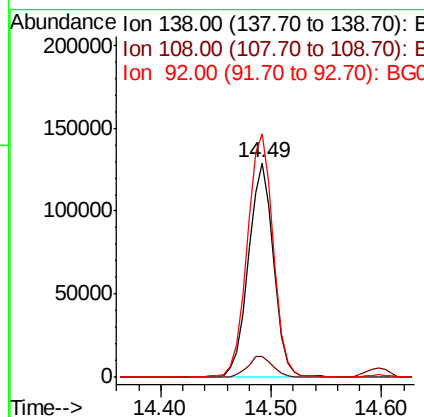
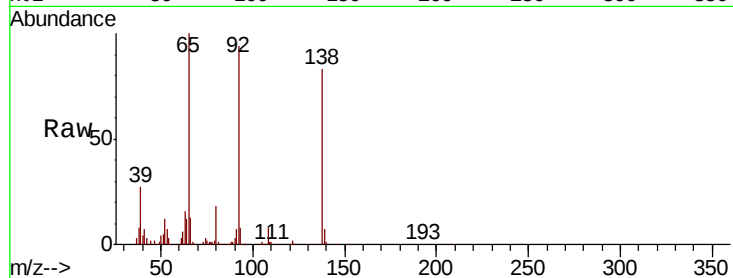
#53
3-Nitroaniline
Concen: 27.237 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.4	11.2
92	113.4	92.1	138.1

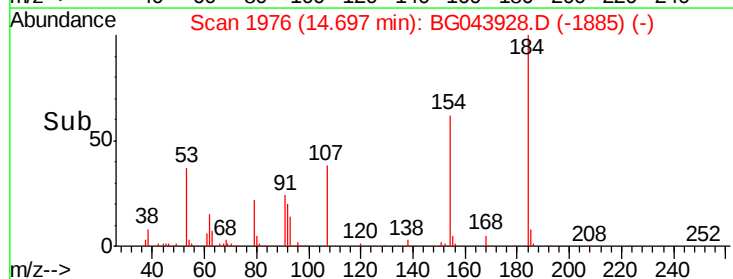
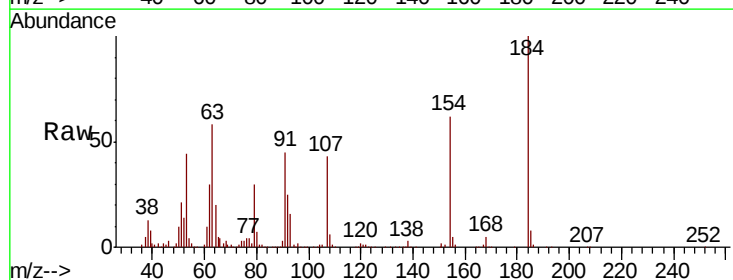
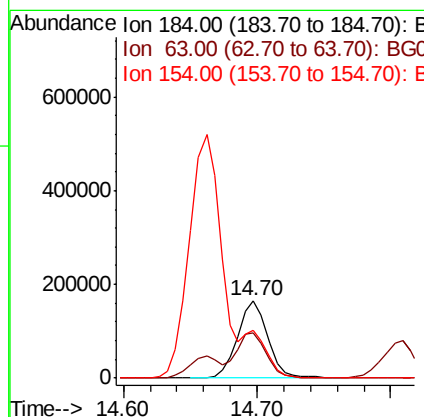
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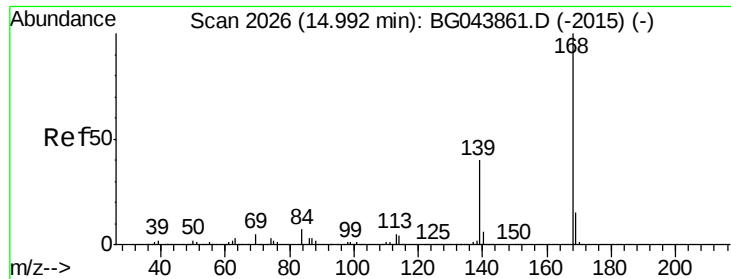
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#54
2,4-Dinitrophenol
Concen: 76.493 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	46.6	70.0
154	62.3	50.2	75.4





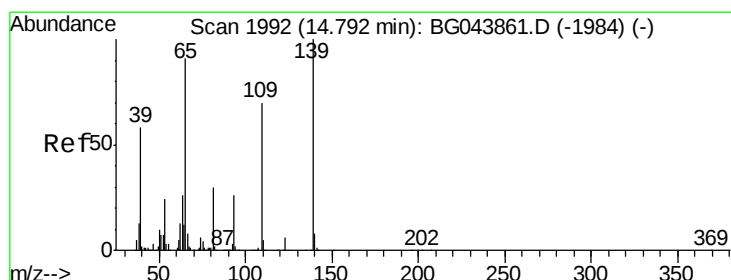
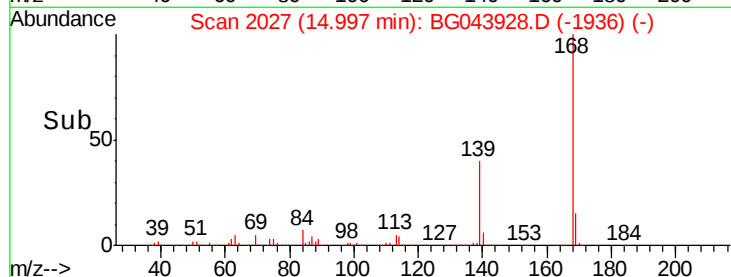
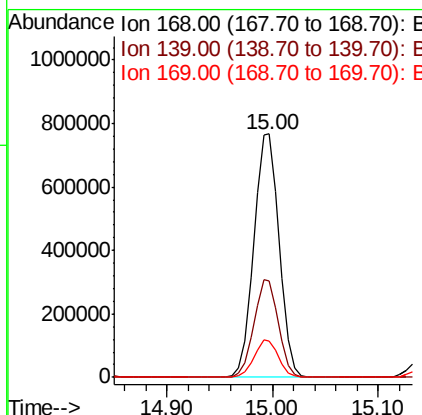
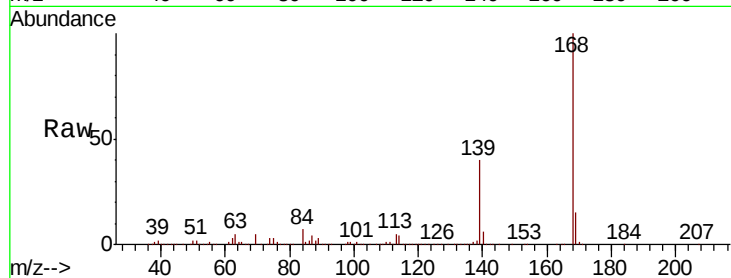
#55
Dibenzofuran
Concen: 38.339 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.2	48.2
169	14.9	12.2	18.2

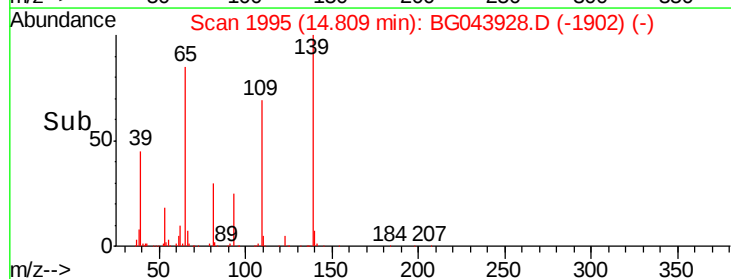
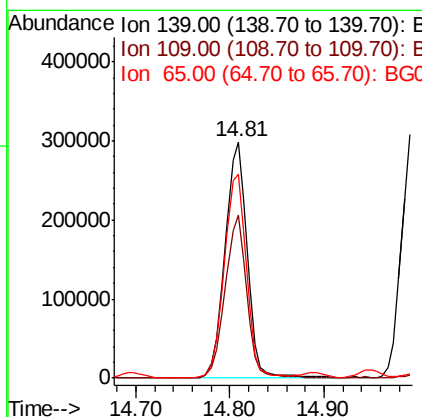
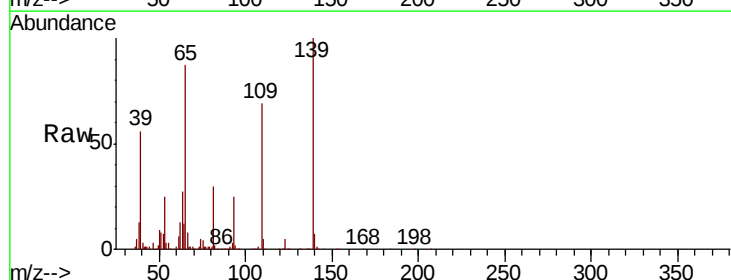
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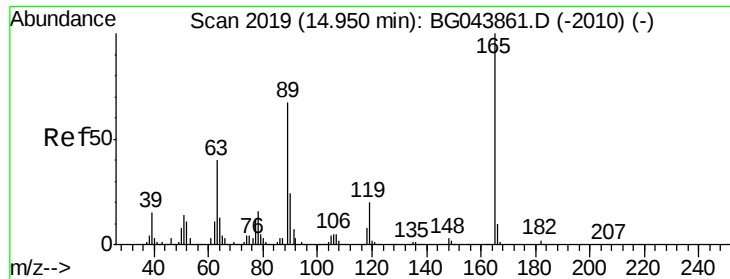
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#56
4-Nitrophenol
Concen: 84.582 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.1	50.4	90.4
65	86.6	71.4	111.4





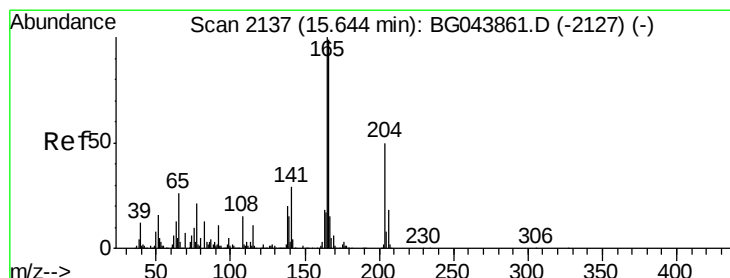
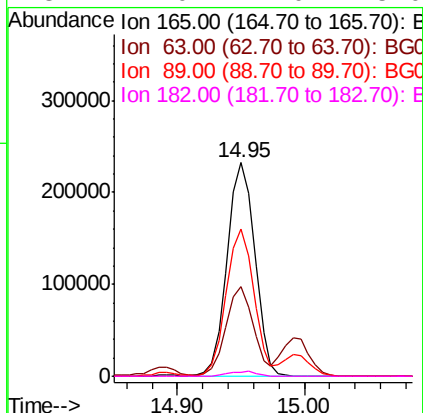
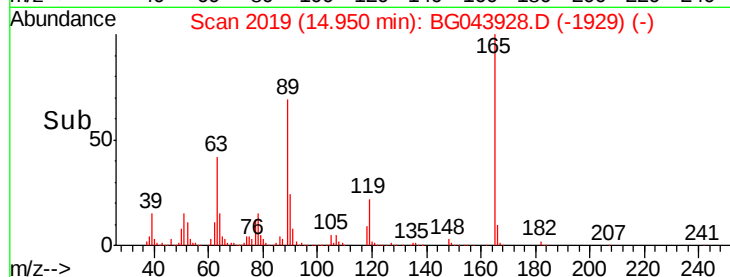
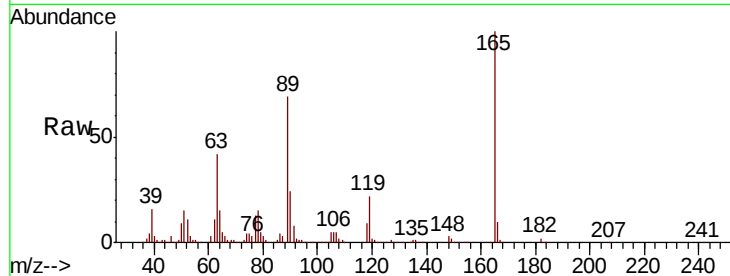
#57
 2,4-Dinitrotoluene
 Concen: 38.746 ng
 RT: 14.95 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	31.9	47.9
89	69.2	53.8	80.6
182	2.0	2.0	3.0

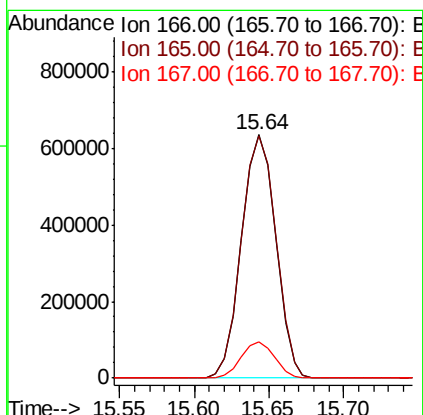
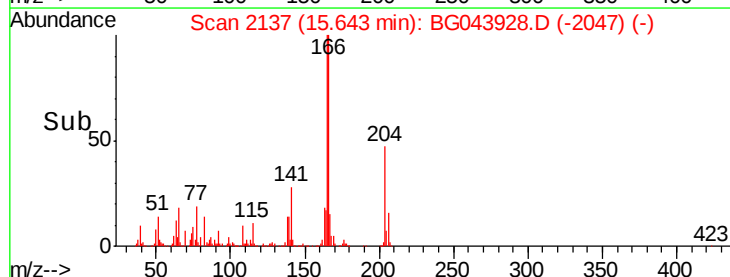
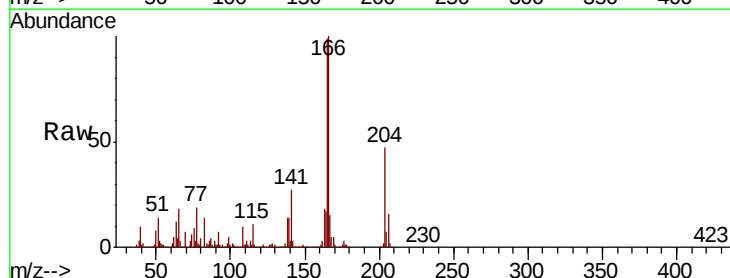
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#58
 Fluorene
 Concen: 38.183 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.8	121.2
167	15.1	12.1	18.1





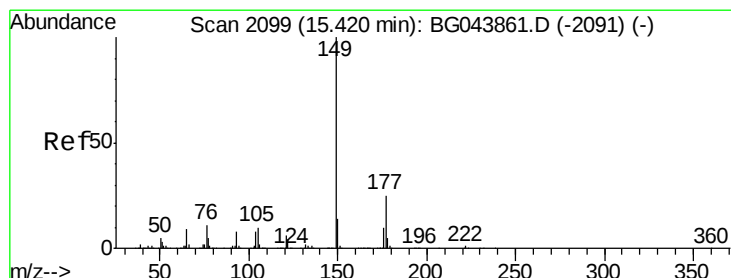
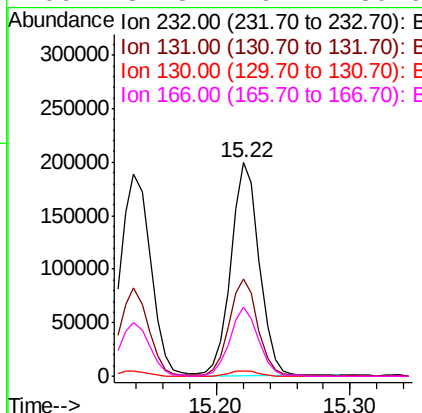
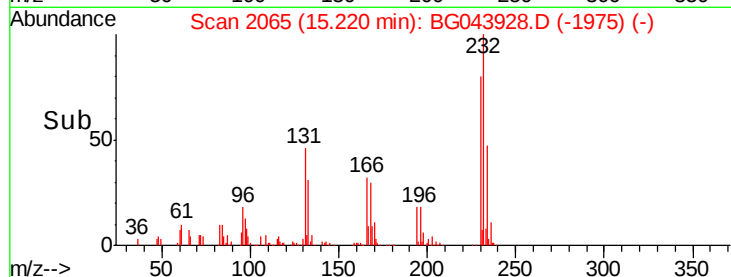
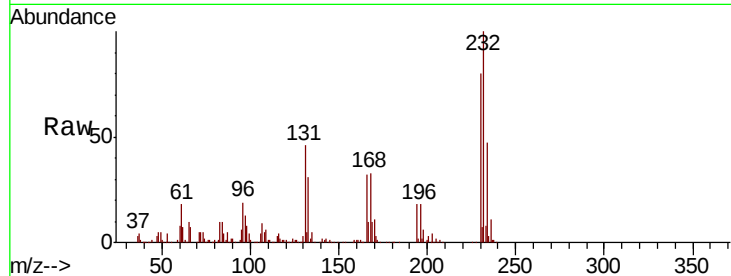
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.726 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tot Ion:	232	Resp:	295522
Ion Ratio	Lower	Upper	
232	100		
131	46.0	38.2	57.2
130	2.5	2.2	3.2
166	32.8	26.4	39.6

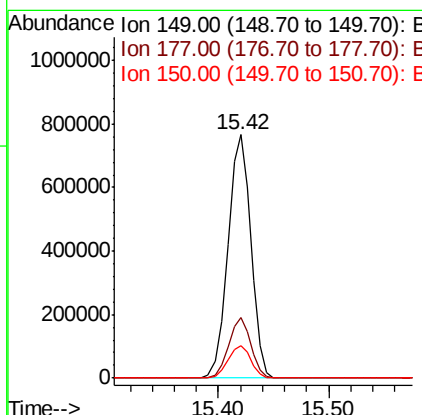
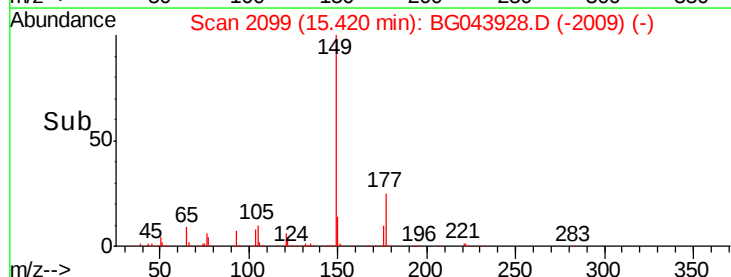
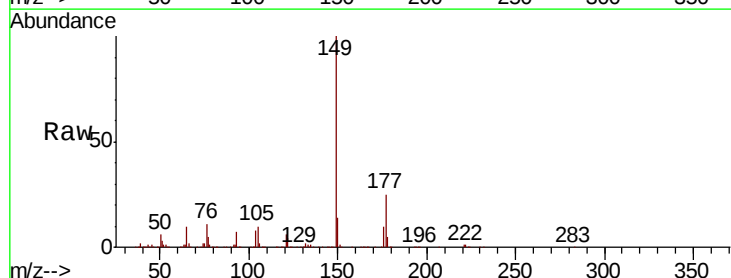
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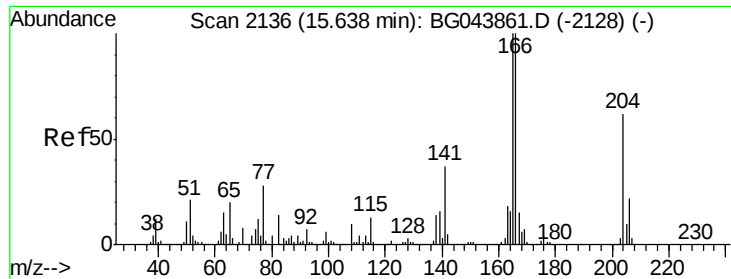
mohammad
 1/7/2020 12:30:32 PM



#60
 Diethylphthalate
 Concen: 37.598 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion:	149	Resp:	1110509
Ion Ratio	Lower	Upper	
149	100		
177	24.9	20.0	30.0
150	13.6	11.1	16.7





#61

4-Chlorophenyl-phenylether

Concen: 37.017 ng

RT: 15.64 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

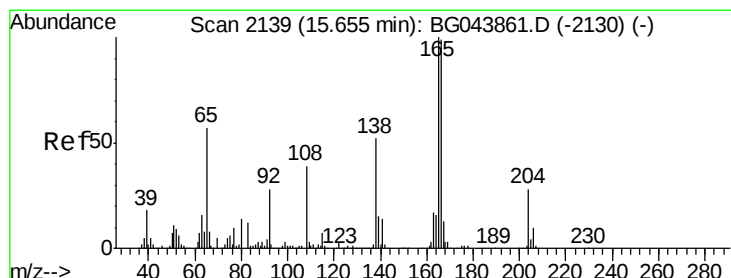
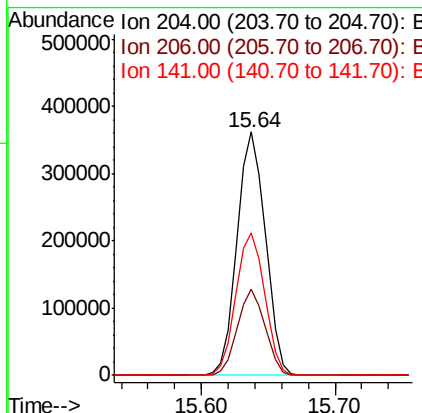
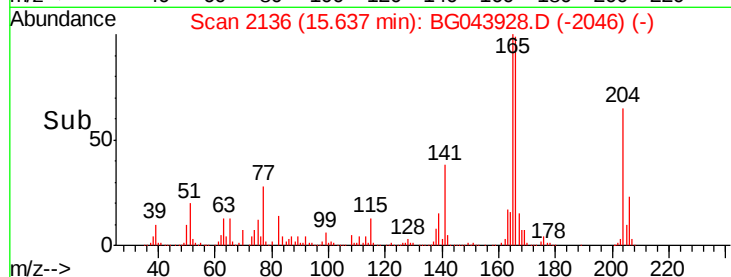
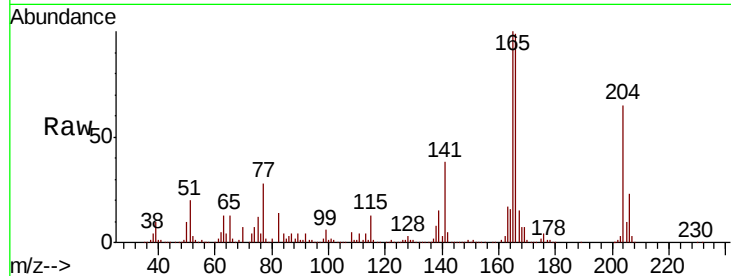
ClientSampleId :

PB125878BSD

Tot Ion:	204	Resp:	532669
Ion Ratio	Lower	Upper	
204	100		
206	35.2	28.2	42.2
141	58.7	48.2	72.2

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#62

4-Nitroaniline

Concen: 35.357 ng

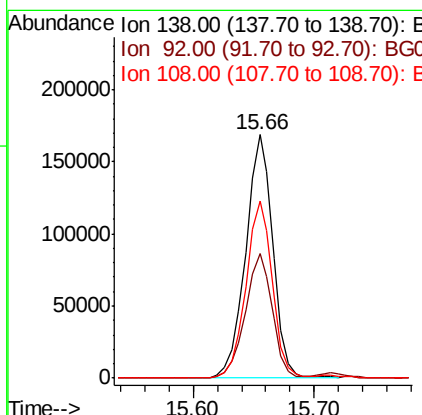
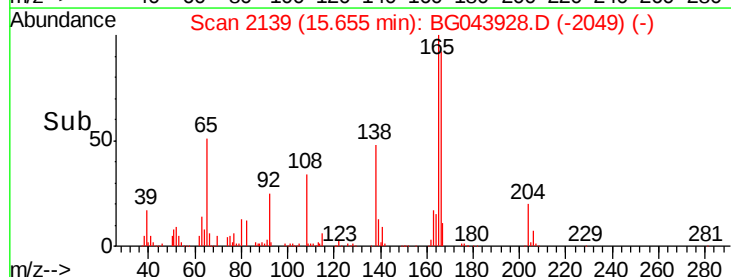
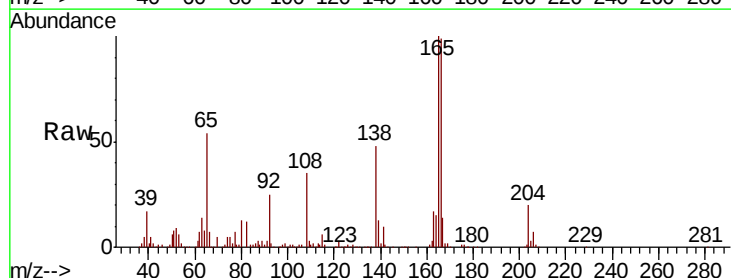
RT: 15.66 min Scan# 2139

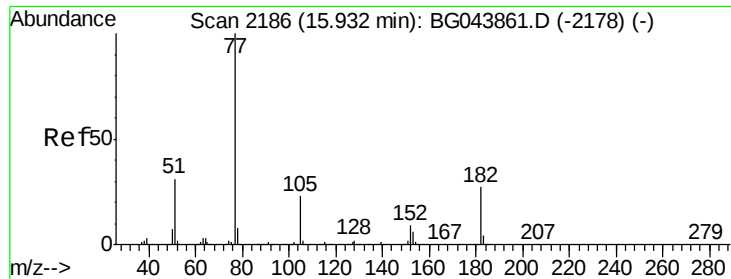
Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Tgt Ion:	138	Resp:	264650
Ion Ratio	Lower	Upper	
138	100		
92	51.3	34.3	74.3
108	72.8	55.0	95.0





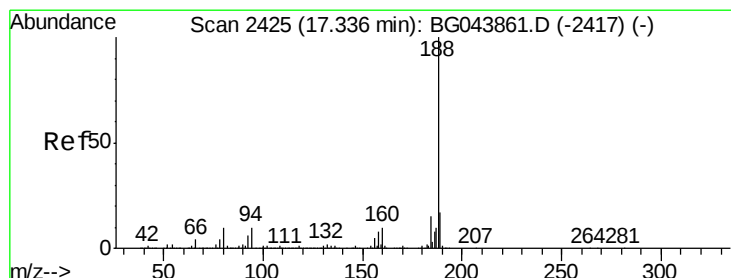
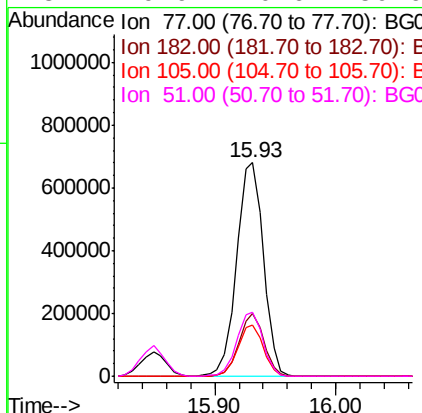
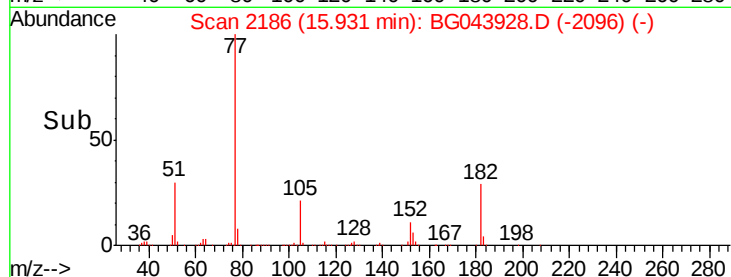
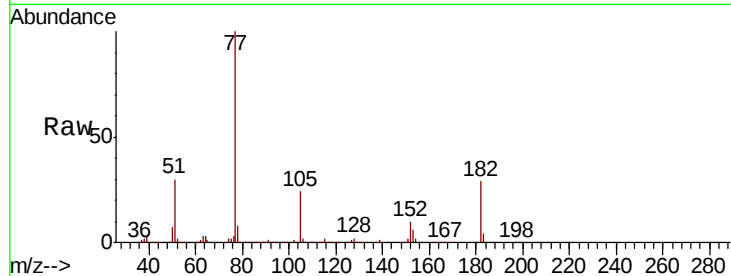
#63
Azobenzene
Concen: 38.368 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.3	47.3
105	23.8	3.2	43.2
51	29.9	10.6	50.6

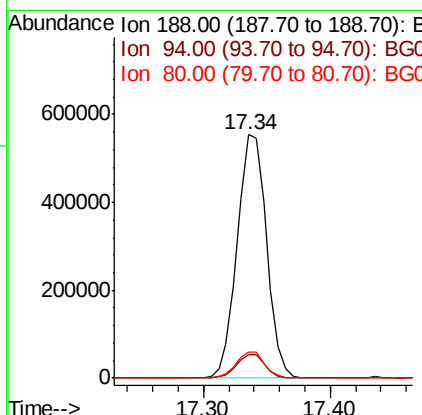
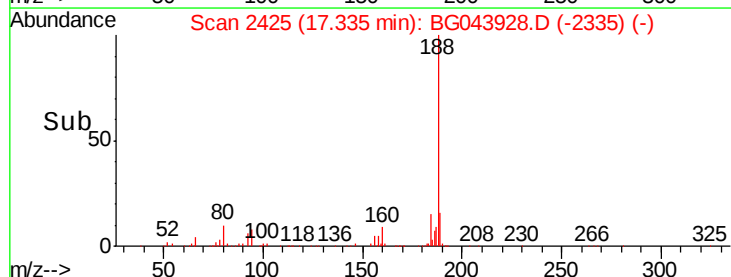
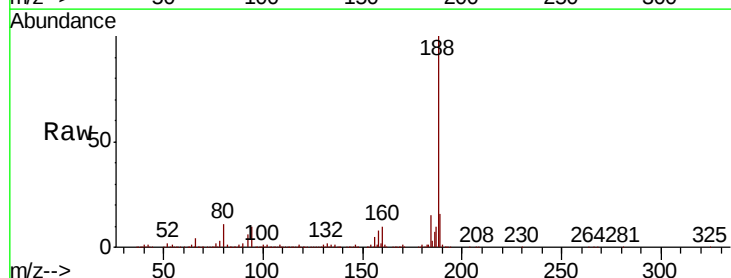
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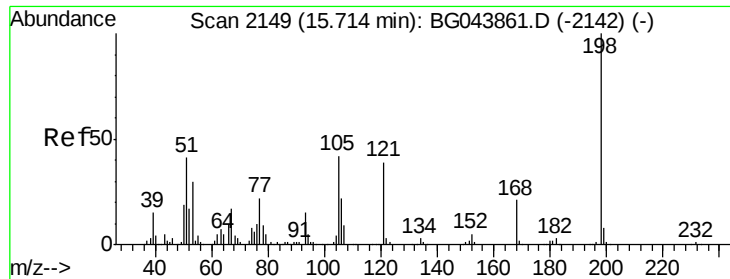
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.9	11.9
80	10.7	8.2	12.4





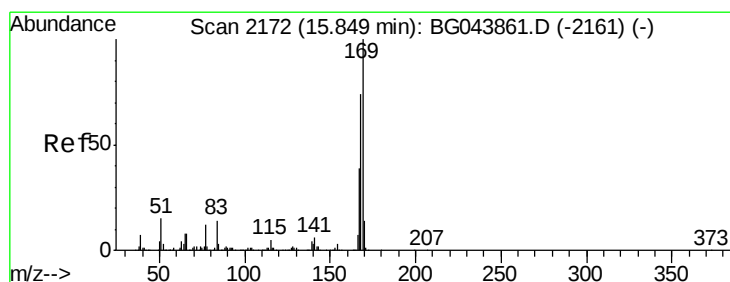
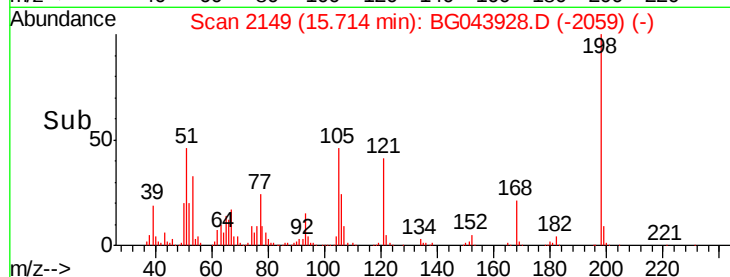
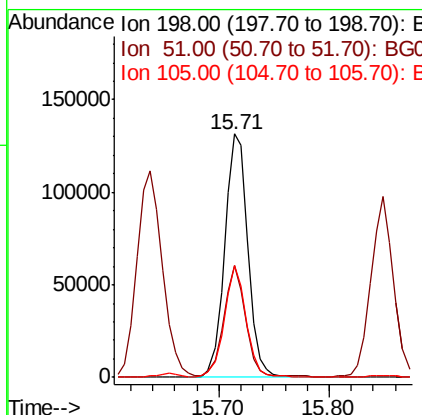
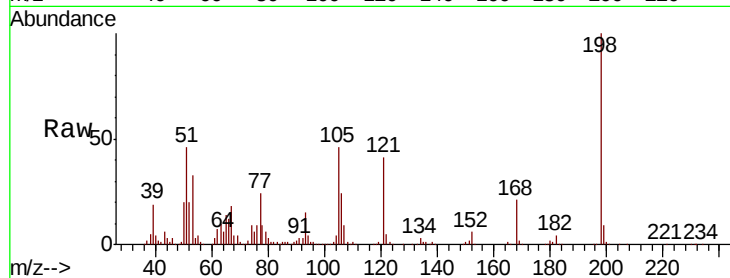
#65
4,6-Dinitro-2-methylphenol
Concen: 42.728 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	193263		
51	46.0		22.5	62.5
105	45.8		22.3	62.3

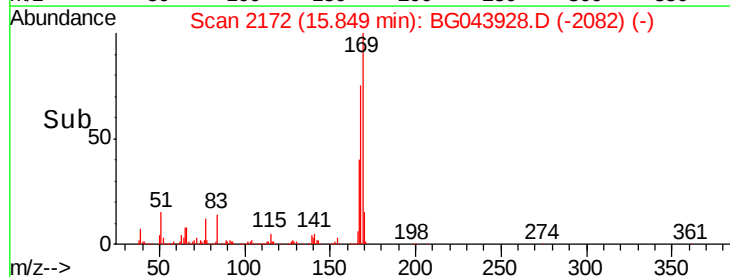
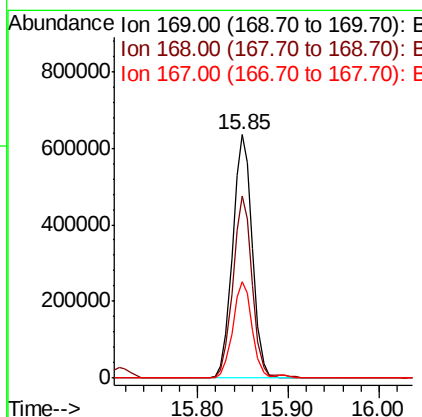
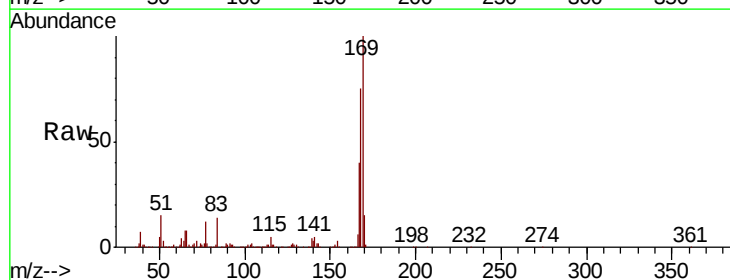
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#66
n-Nitrosodiphenylamine
Concen: 36.618 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	958562		
168	74.8		59.0	88.6
167	39.6		31.4	47.0





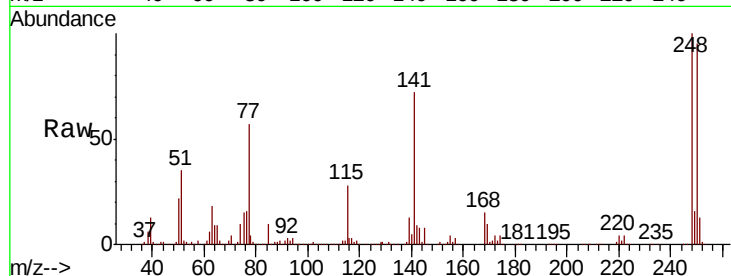
#67
 4-Bromophenyl-phenylether
 Concen: 34.440 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	78.2	117.2
141	72.5	59.3	88.9

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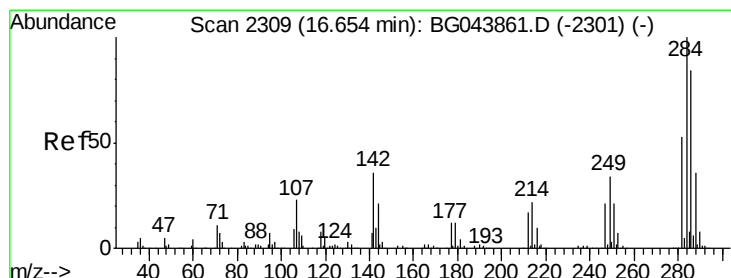
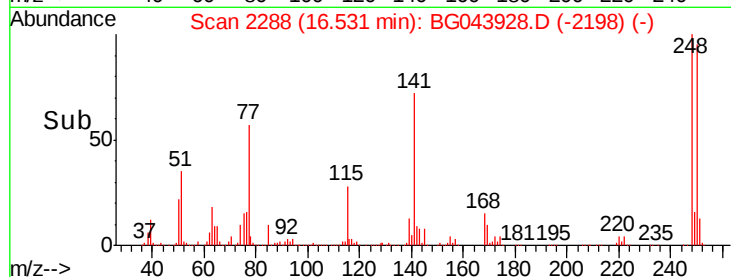
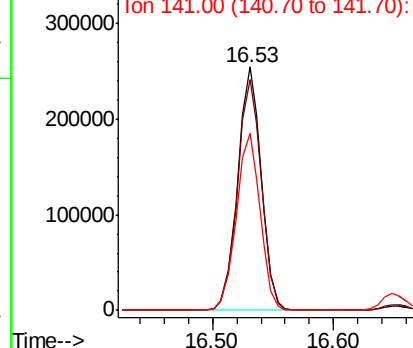


Abundance

Ion 248.00 (247.70 to 248.70): E

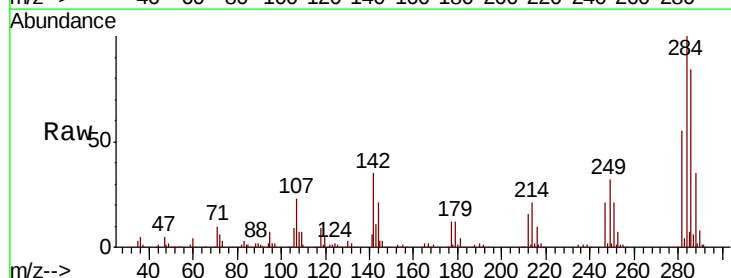
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.178 ng
 RT: 16.65 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.6	43.0
249	32.5	27.0	40.6

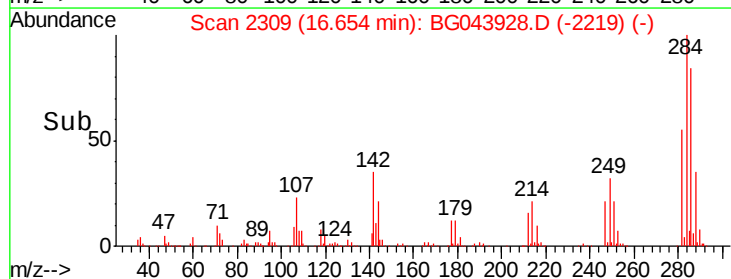
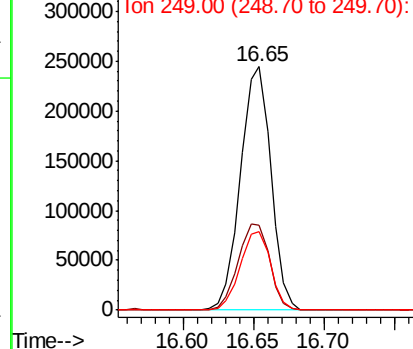


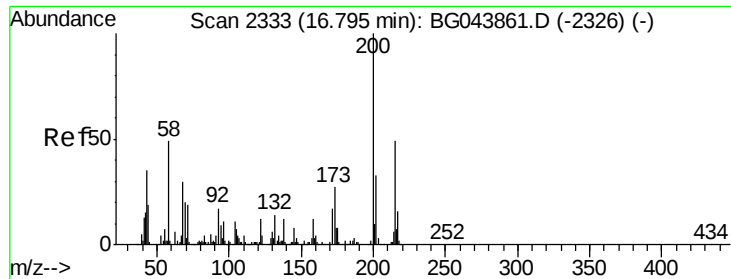
Abundance

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





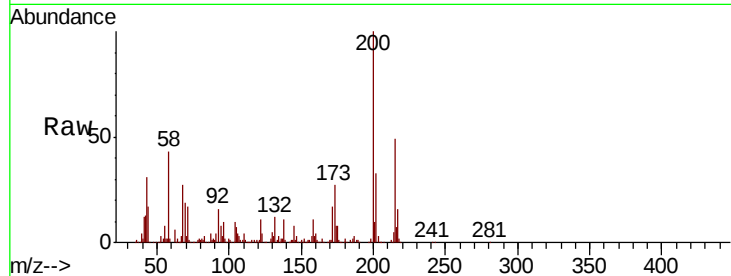
#69
Atrazine
Concen: 37.705 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	6.6	46.6	
215	48.8	28.6	68.6	

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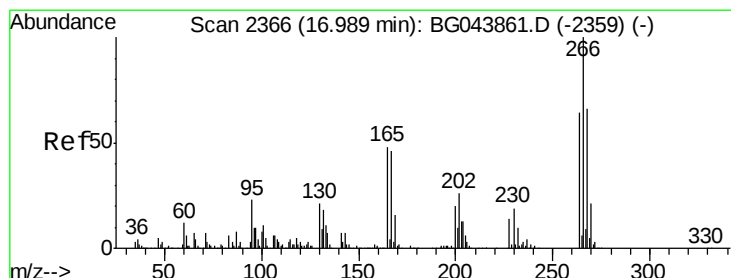
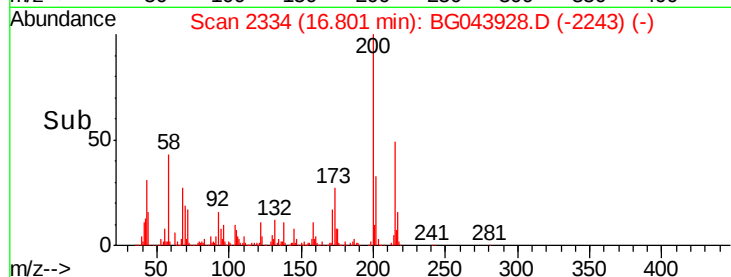
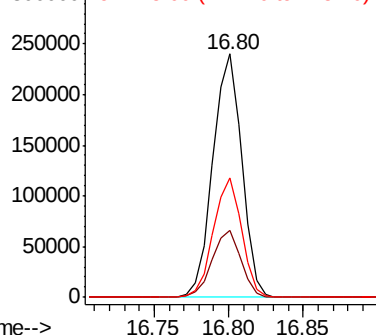


Abundance

Ion 200.00 (199.70 to 200.70): E

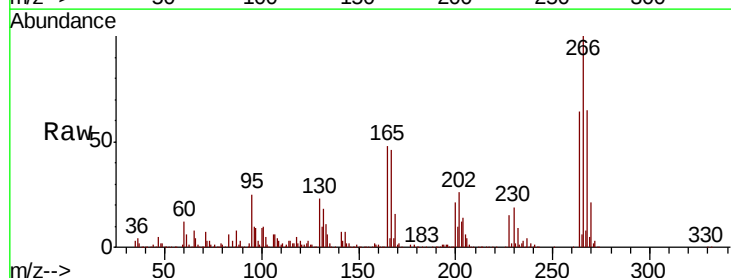
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.598 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.3	52.6	79.0	
264	64.1	50.8	76.2	

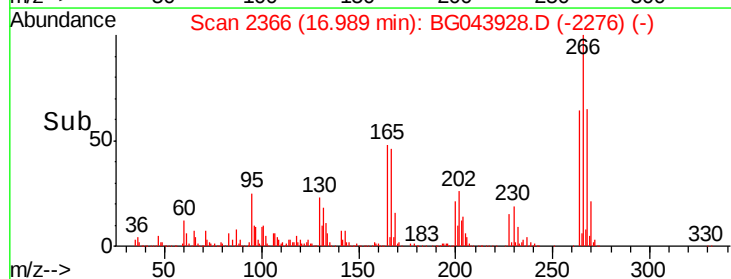
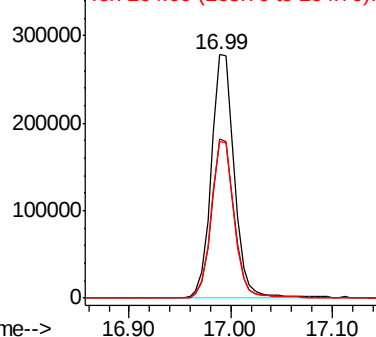


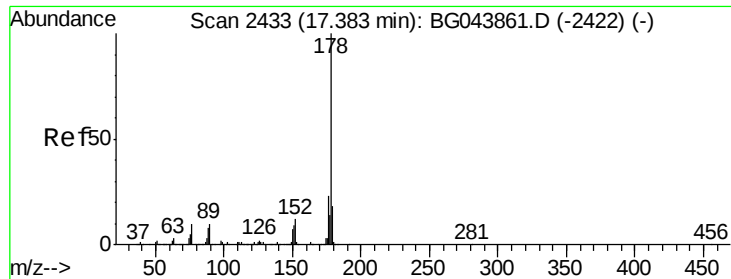
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





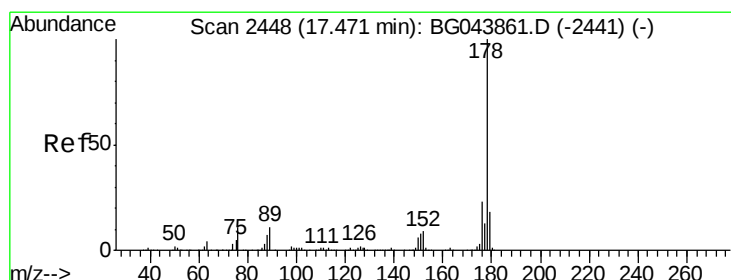
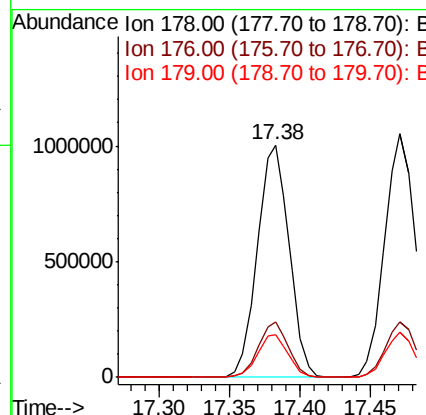
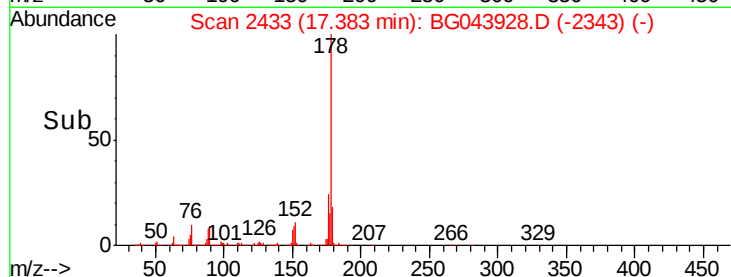
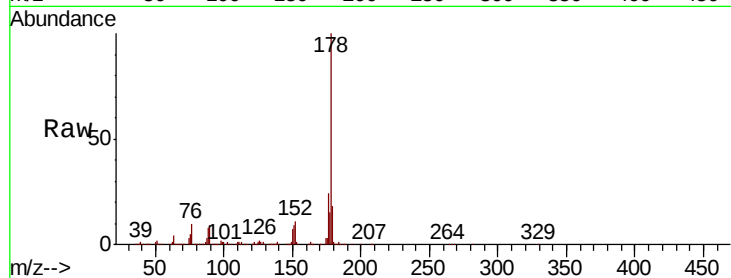
#71
Phenanthrene
Concen: 37.279 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.1	18.6	28.0
179	18.2	14.4	21.6

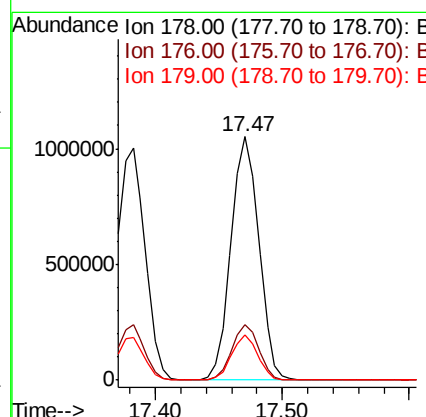
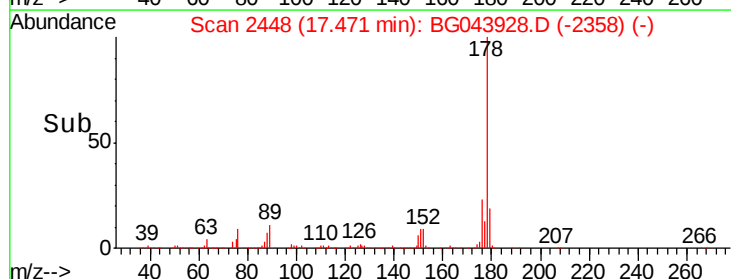
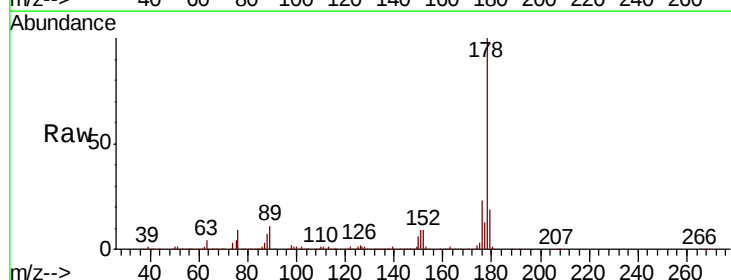
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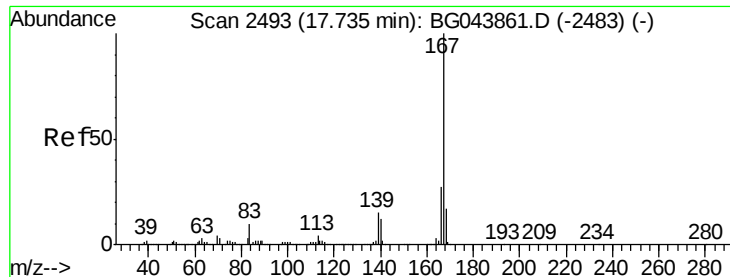
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#72
Anthracene
Concen: 37.846 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.3	27.5
179	18.6	14.6	22.0





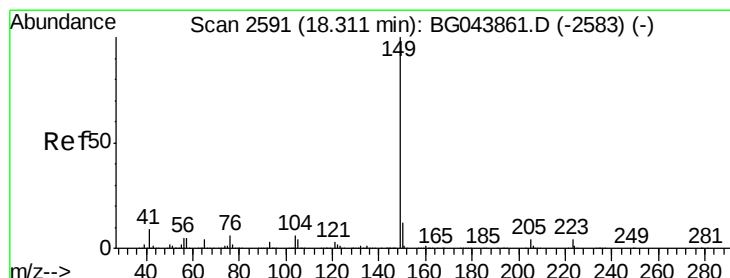
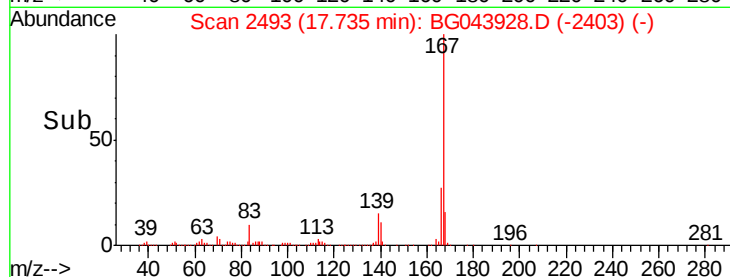
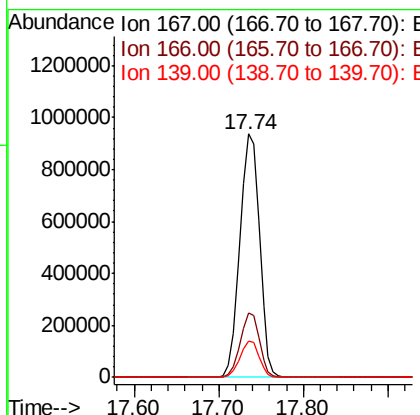
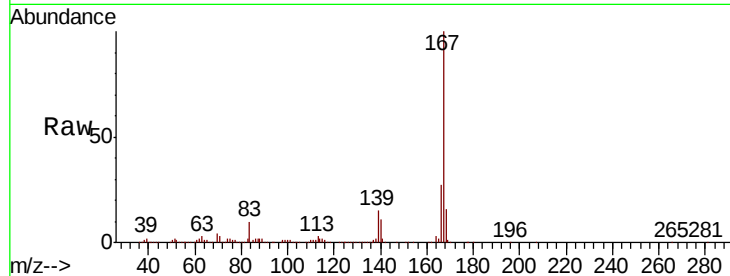
#73
 Carbazole
 Concen: 38.488 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

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

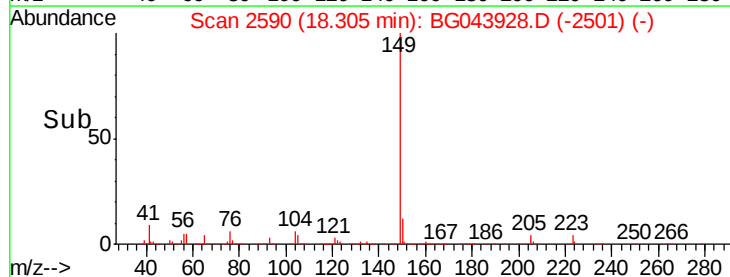
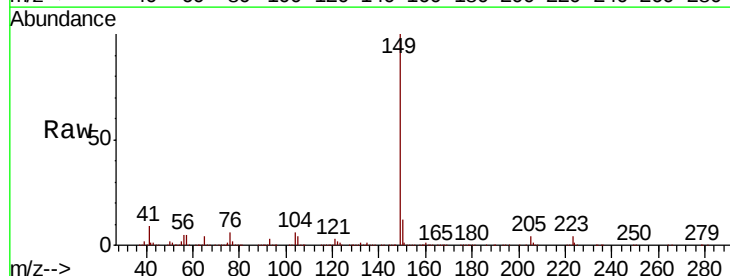
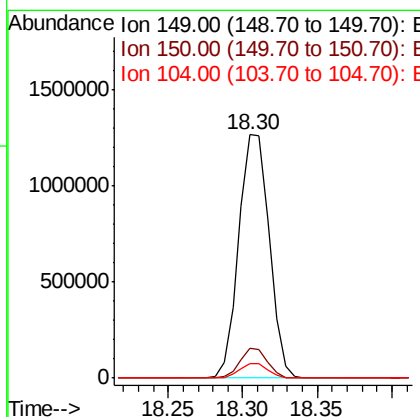
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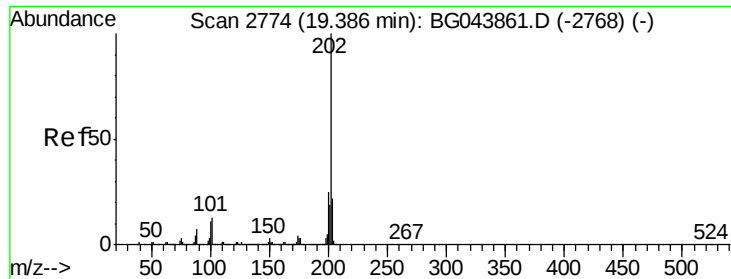
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.166 ng
 RT: 18.30 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.0	9.7	14.5
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 36.659 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

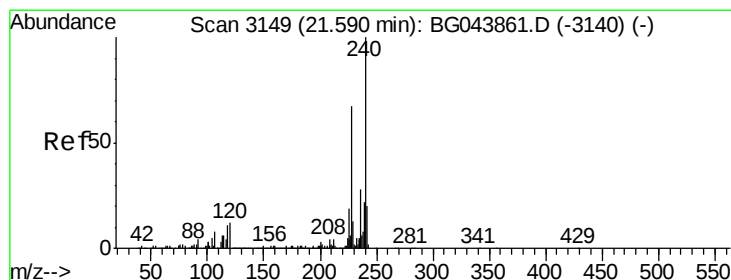
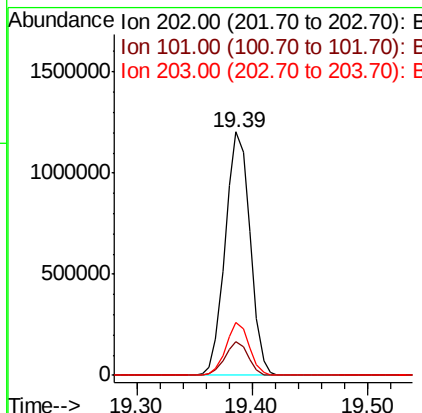
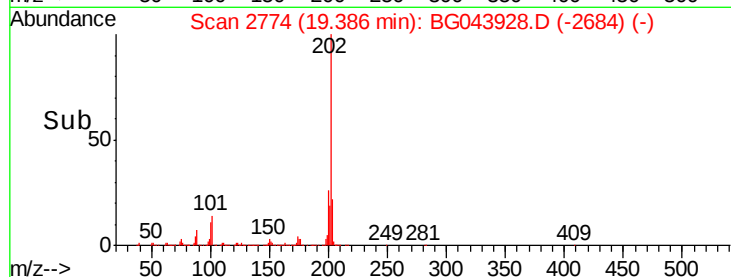
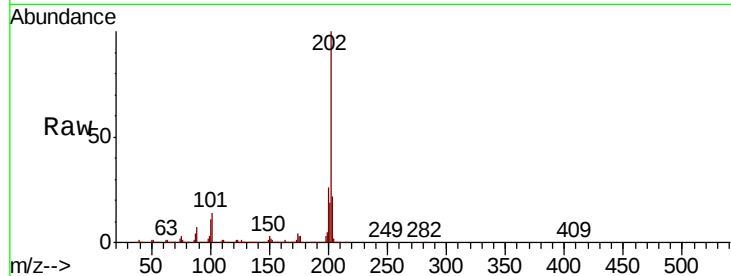
ClientSampleId :

PB125878BSD

Tot Ion:	202	Resp:	1787541
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.3
203	22.0	1.6	41.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

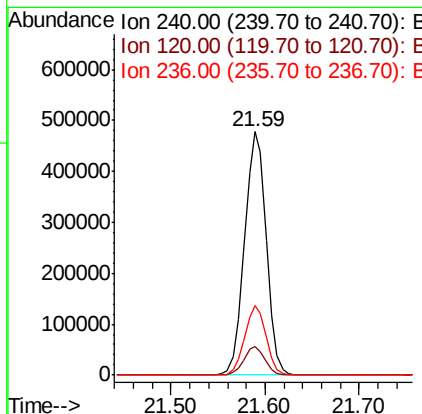
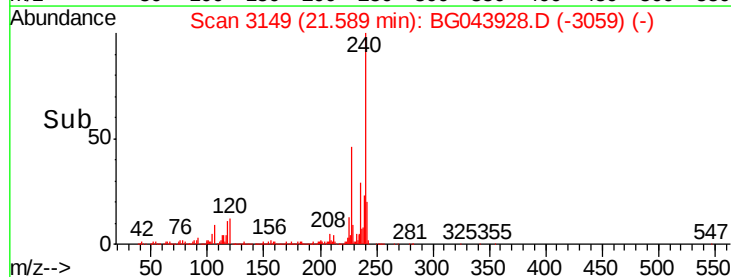
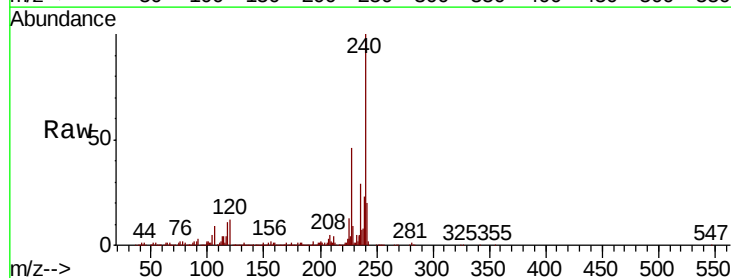
RT: 21.59 min Scan# 3149

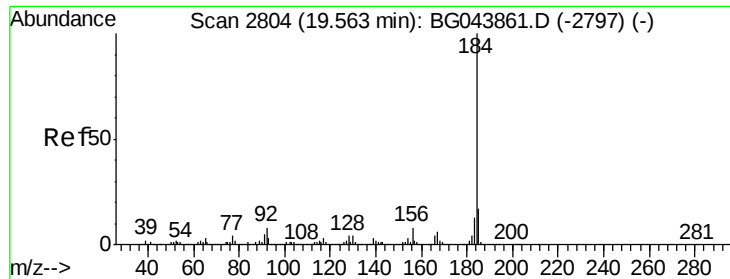
Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Tgt Ion:	240	Resp:	759700
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	28.7	22.2	33.2





#77

Benzidine

Concen: 16.125 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

Tot Ion:184 Resp: 307925

Ion Ratio Lower Upper

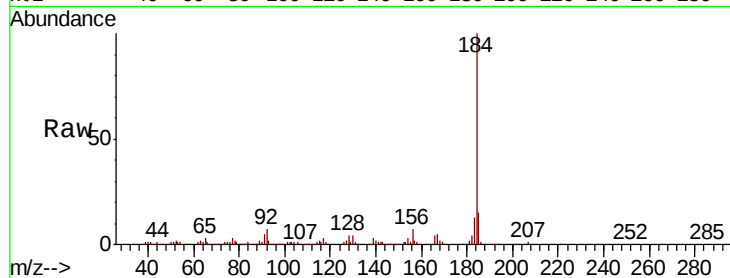
184 100

185 15.1 13.4 20.0

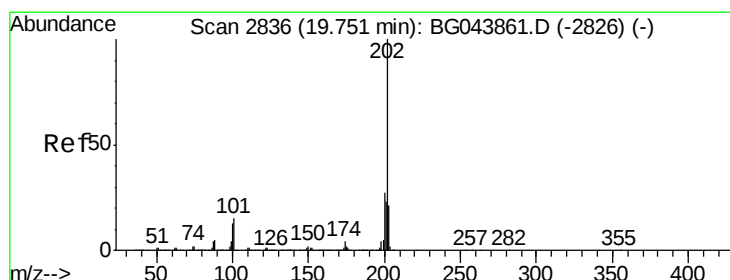
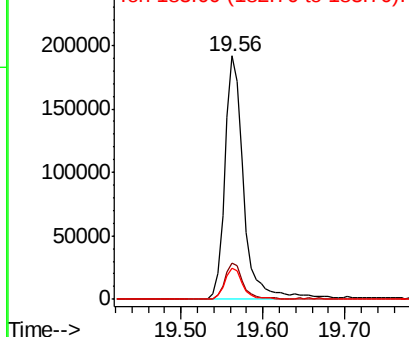
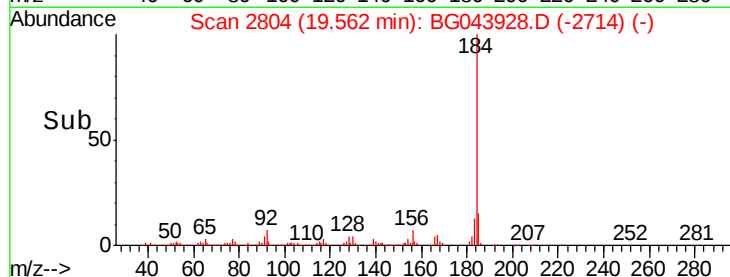
183 12.8 10.6 15.8

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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: 36.620 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

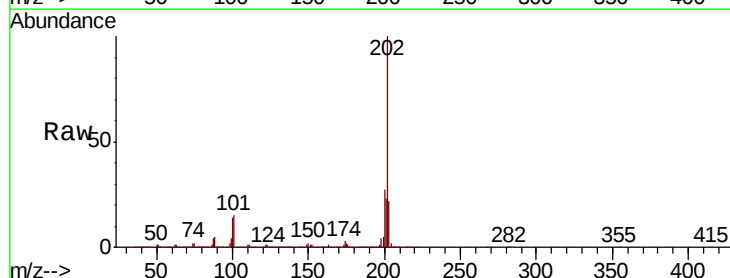
Tgt Ion:202 Resp: 1815937

Ion Ratio Lower Upper

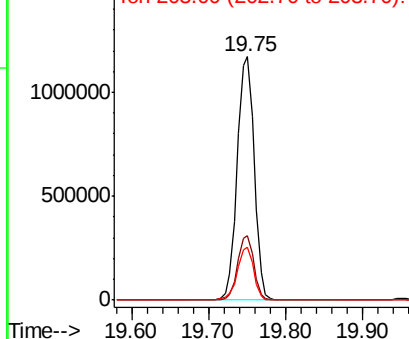
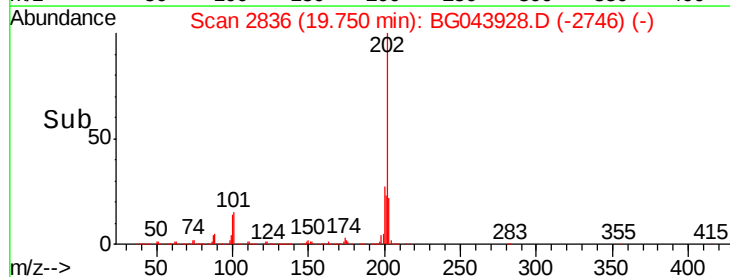
202 100

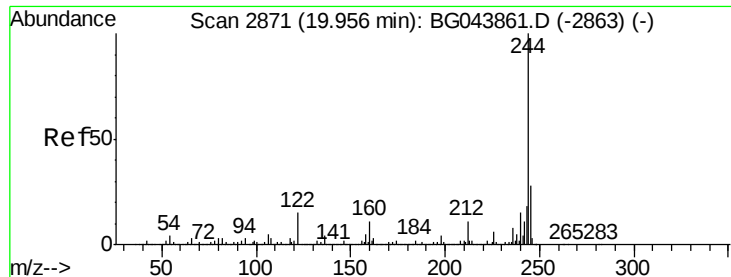
200 26.7 21.7 32.5

203 21.8 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





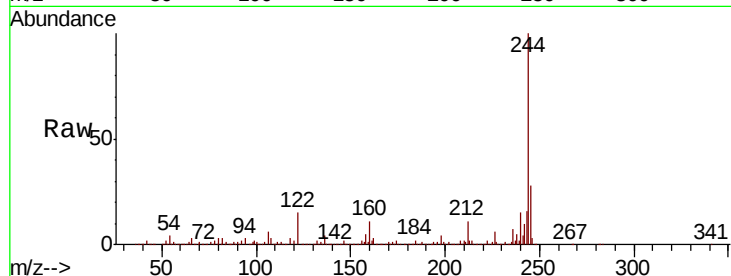
#79
 Terphenyl-d14
 Concen: 67.968 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB125878BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.6	13.0
122	15.0	11.9	17.9

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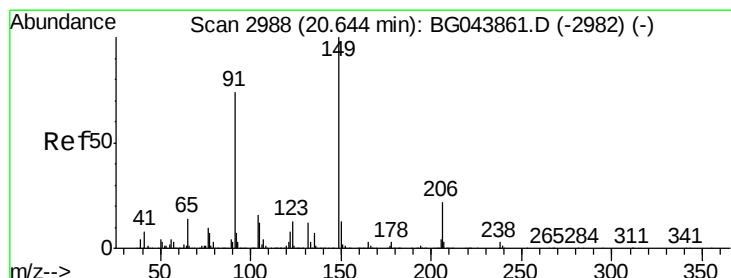
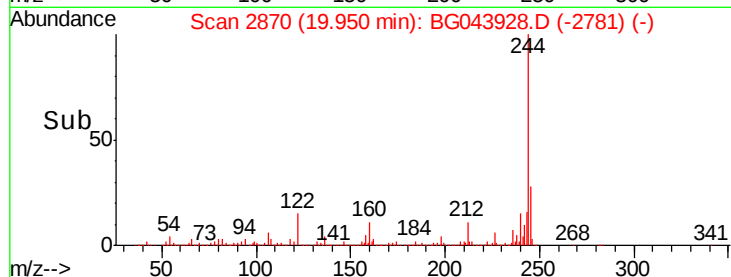
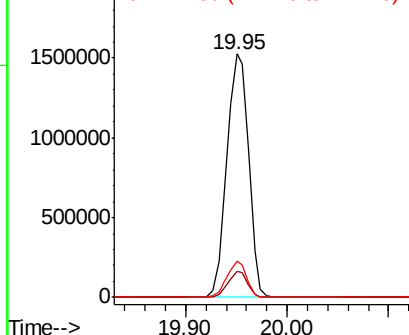


Abundance

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: 36.523 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG043928.D
 Acq: 6 Jan 2020 12:40

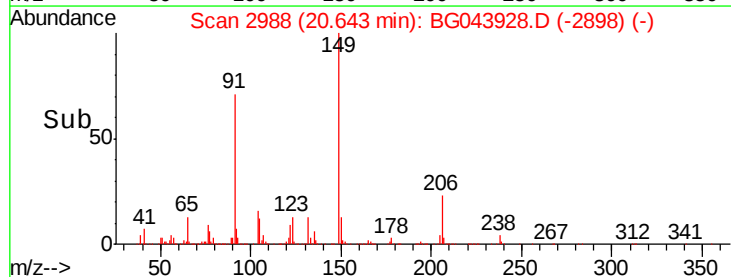
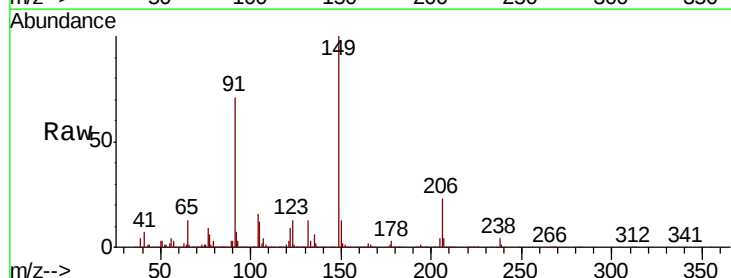
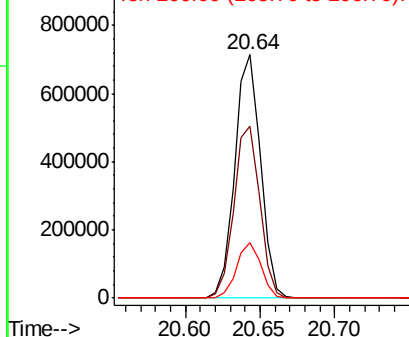
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	59.5	89.3
206	22.6	17.8	26.6

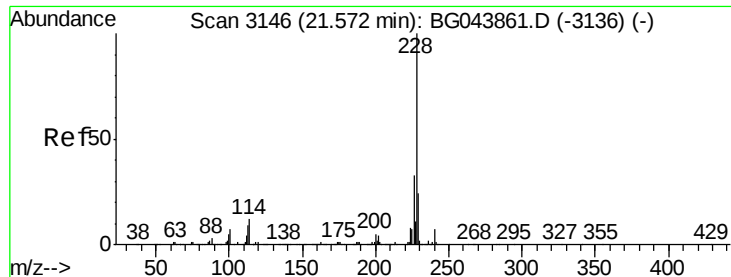
Abundance

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: 37.153 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

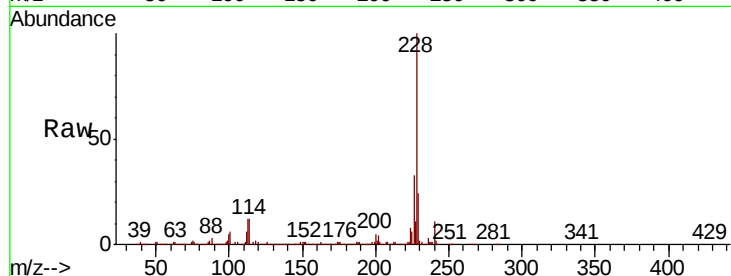
ClientSampleId :

PB125878BSD

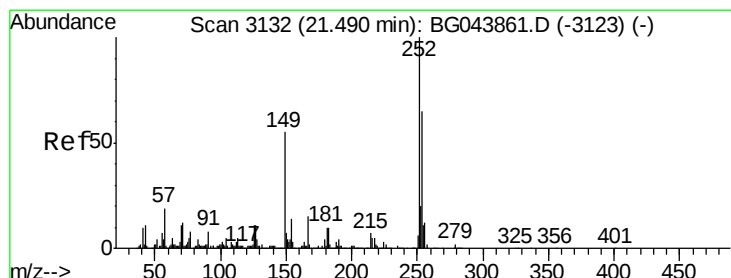
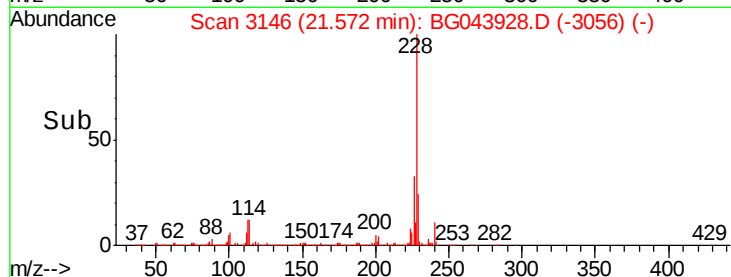
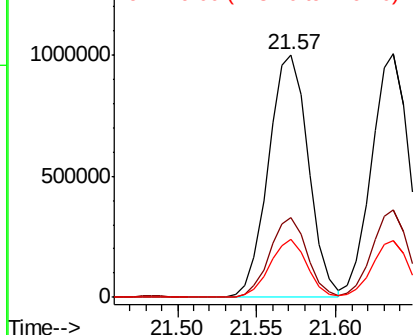
Tot Ion:	228	Resp:	1750146
Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.4
229	24.2	18.9	28.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.118 ng

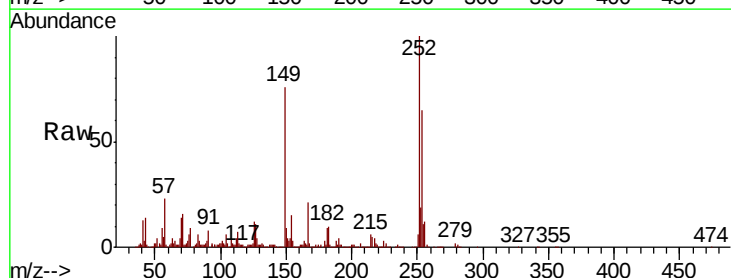
RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

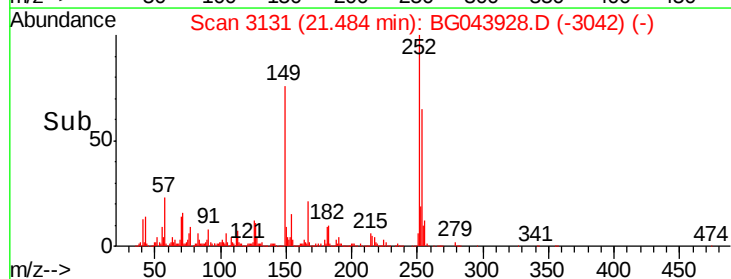
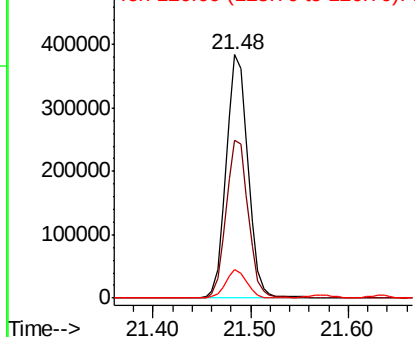
Lab File: BG043928.D

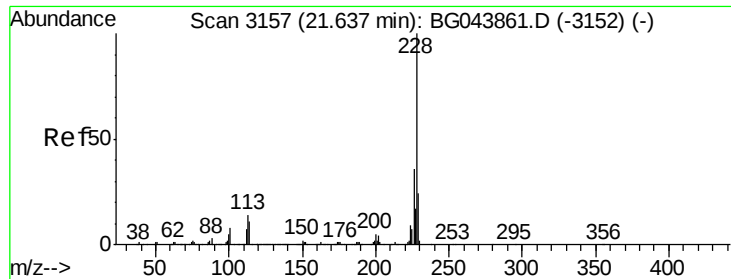
Acq: 6 Jan 2020 12:40

Tgt Ion:	252	Resp:	597734
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.9	9.1	13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





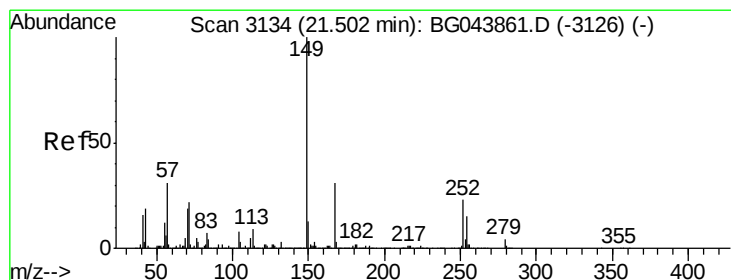
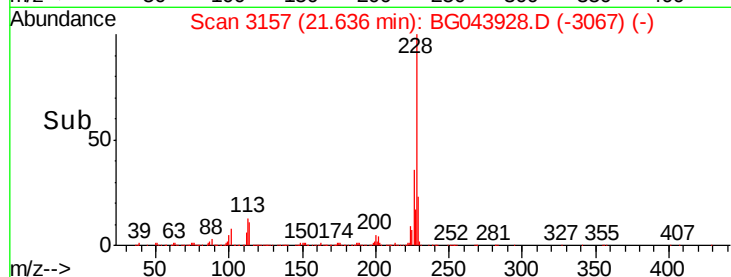
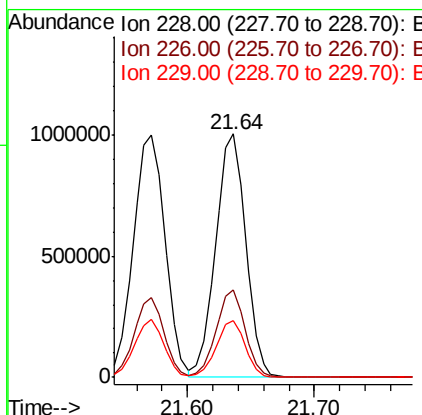
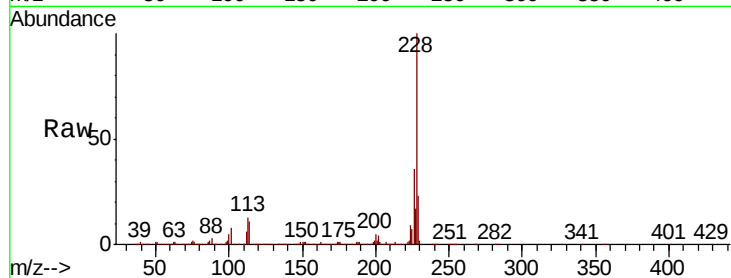
#83
Chrysene
Concen: 36.903 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion:228 Resp: 1651817
Ion Ratio Lower Upper
228 100
226 35.7 28.8 43.2
229 23.4 19.0 28.6

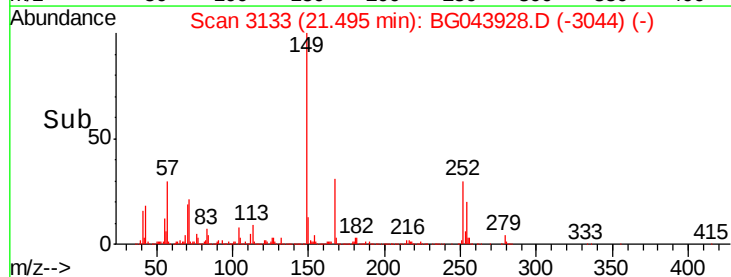
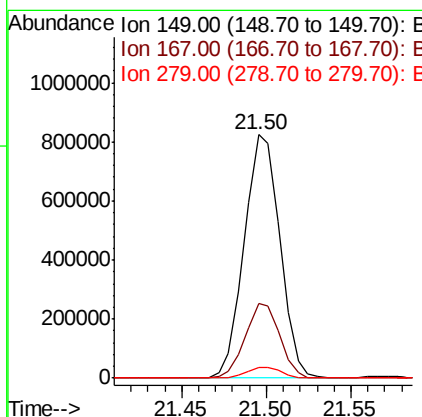
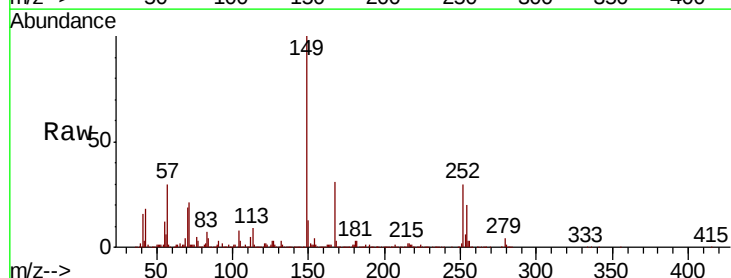
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.293 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion:149 Resp: 1214844
Ion Ratio Lower Upper
149 100
167 30.7 24.7 37.1
279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 37.951 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

Instrument :

BNA_G

ClientSampleId :

PB125878BSD

Tot Ion:149 Resp: 2078346

Ion Ratio Lower Upper

149 100

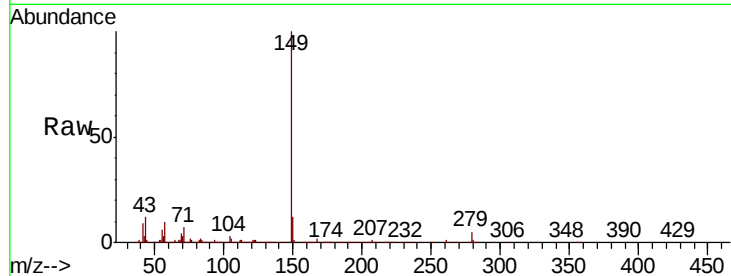
167 1.7 1.4 2.0

43 10.8 8.8 13.2

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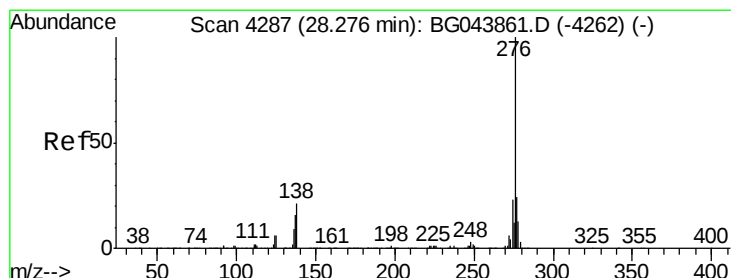
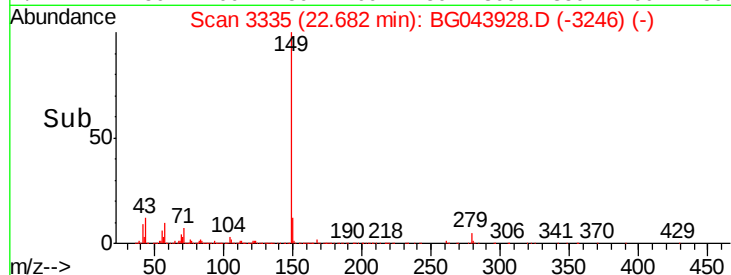
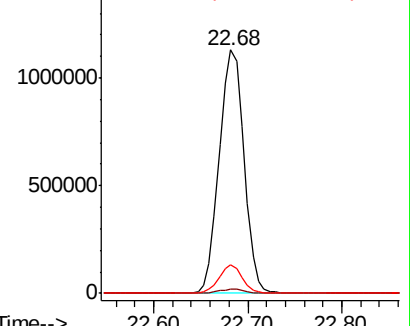
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.313 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.01 min

Lab File: BG043928.D

Acq: 6 Jan 2020 12:40

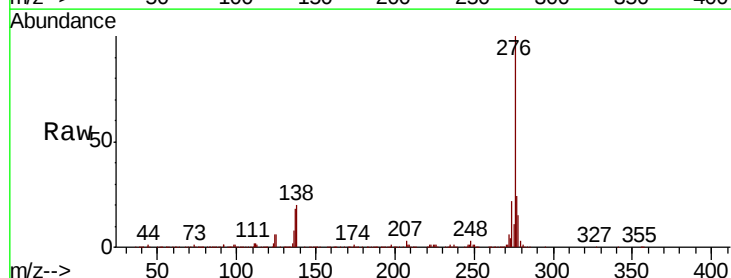
Tgt Ion:276 Resp: 2148090

Ion Ratio Lower Upper

276 100

138 10.0 21.0 31.4#

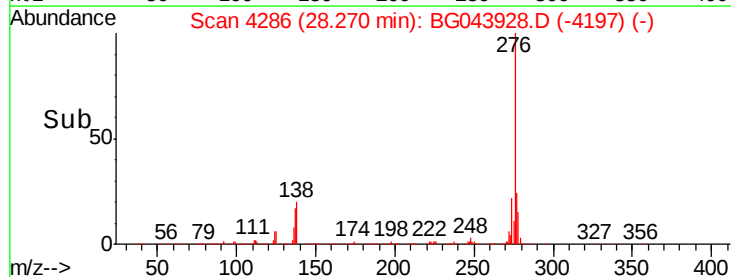
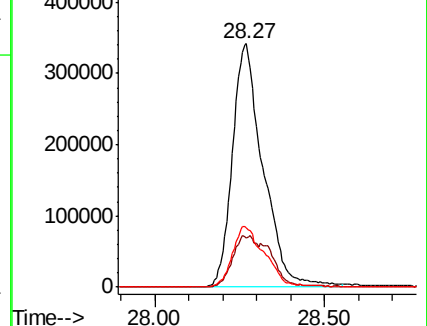
277 26.0 21.1 31.7

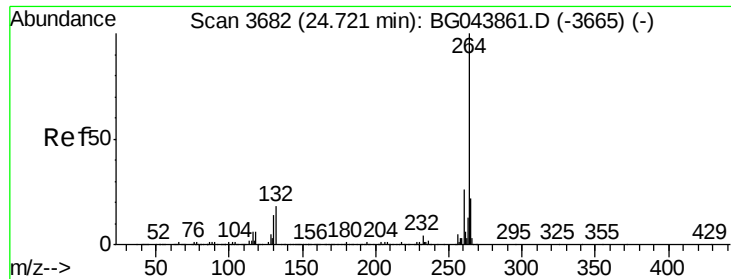


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





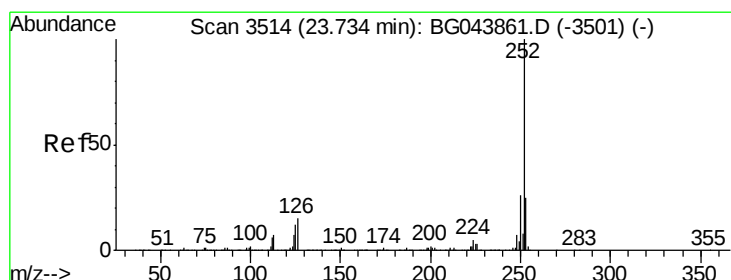
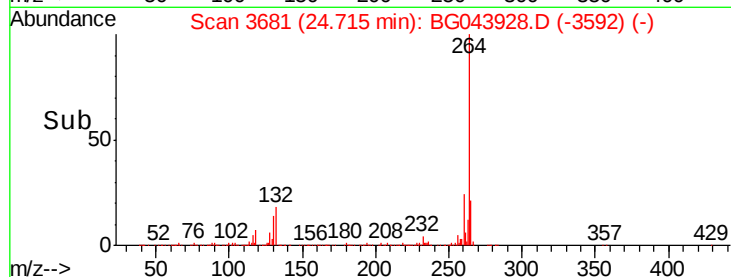
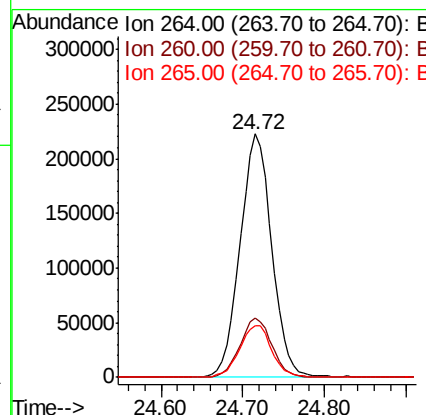
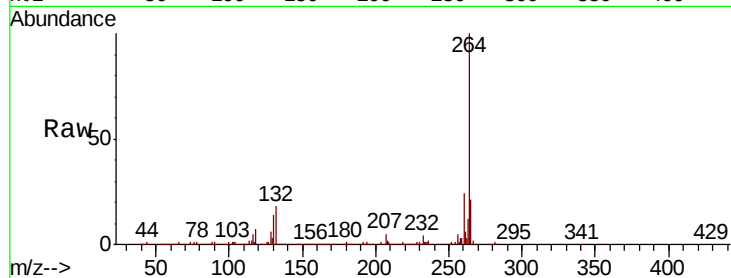
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	21.1	17.4	26.2

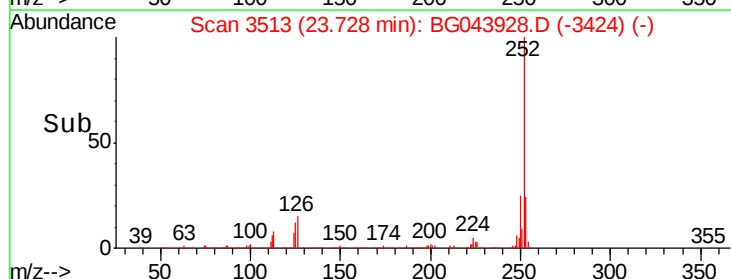
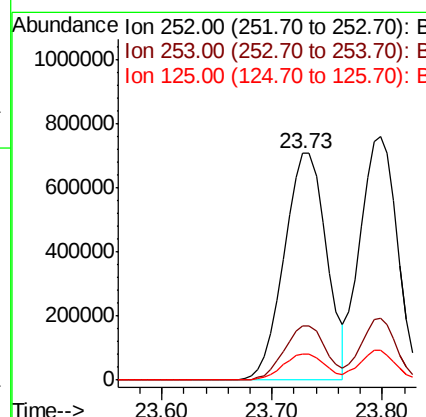
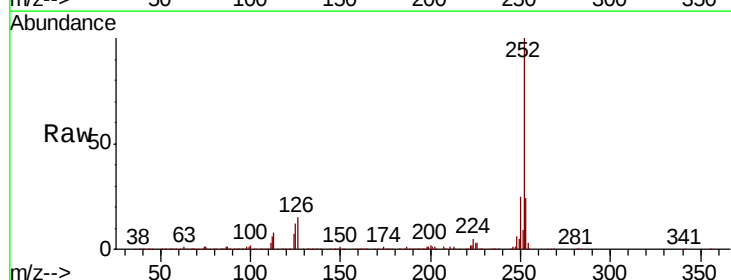
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#88
Benzo(b)fluoranthene
Concen: 52.811 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	11.7	9.4	14.2





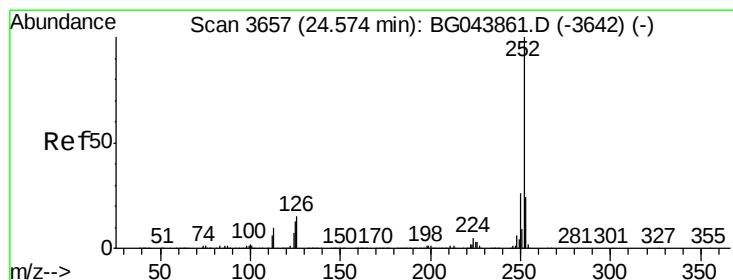
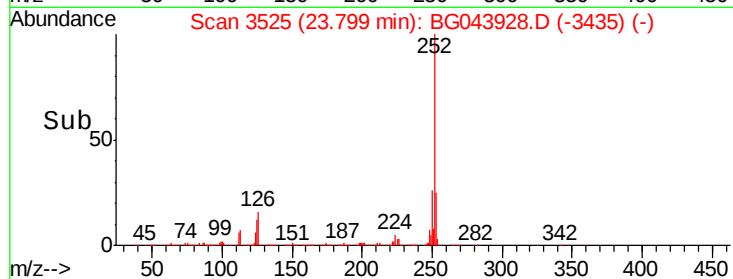
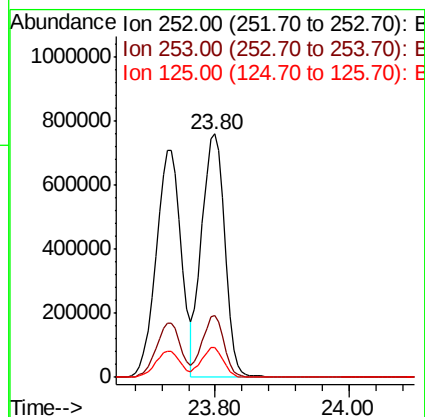
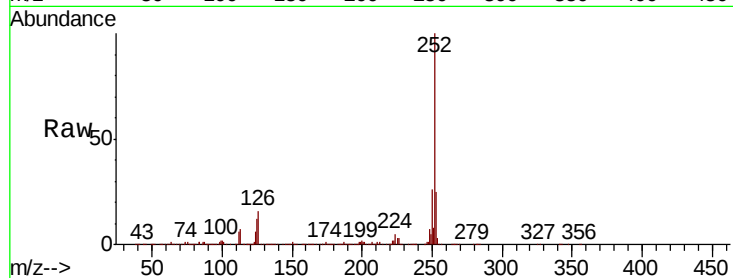
#89
Benzo(k)fluoranthene
Concen: 53.880 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.2
125	12.4	9.9	14.9

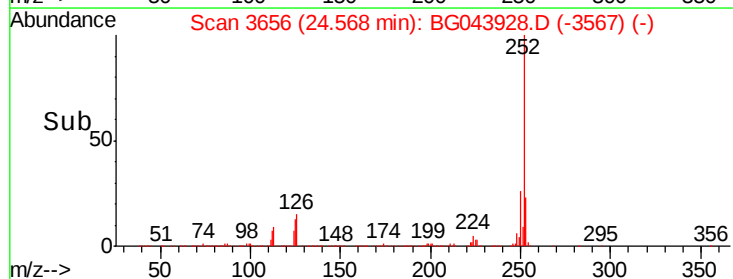
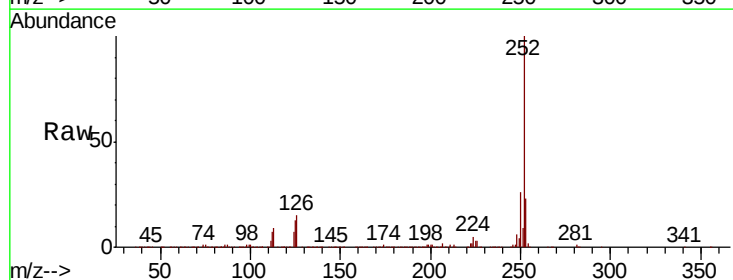
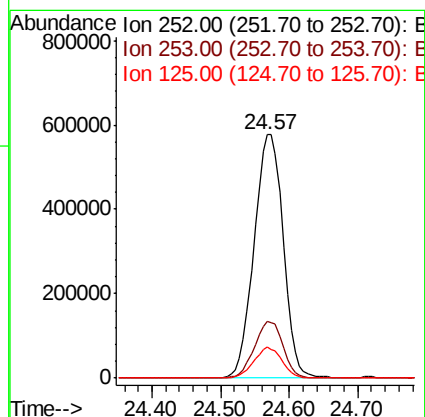
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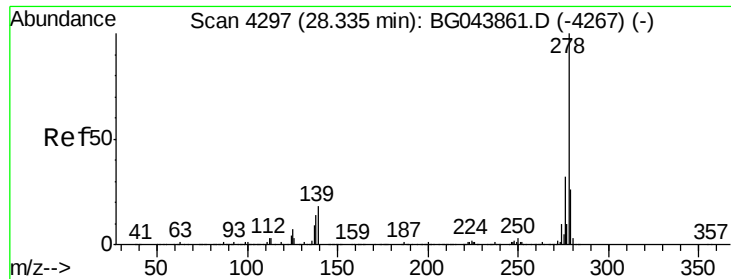
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#90
Benzo(a)pyrene
Concen: 50.878 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	13.0	10.4	15.6





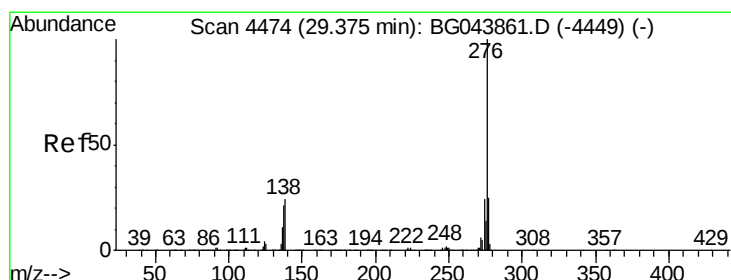
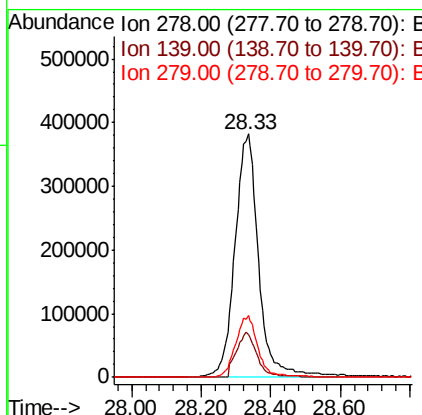
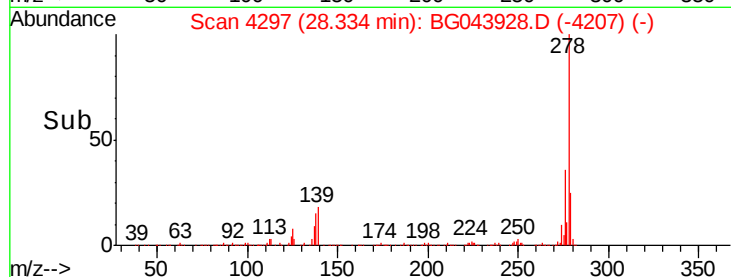
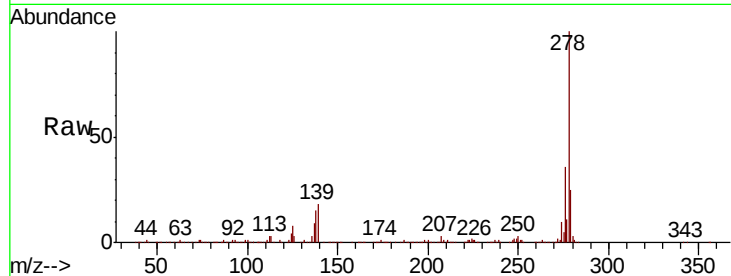
#91
Dibenzo(a,h)anthracene
Concen: 53.763 ng
RT: 28.33 min Scan# 4297
Delta R.T. -0.00 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Instrument :
BNA_G
ClientSampleId :
PB125878BSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	17.7	14.2	21.4	
279	25.2	20.6	30.8	

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#92
Benzo(g,h,i)perylene
Concen: 52.324 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.01 min
Lab File: BG043928.D
Acq: 6 Jan 2020 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.6	20.2	30.4	
138	23.4	19.0	28.6	

