

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044034.D
 Acq On : 14 Jan 2020 13:15
 Operator : JU
 Sample : PB126078BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BS

Manual Integrations
 APPROVED

mohammad
 1/16/2020 1:38:35 PM

Quant Time: Jan 15 09:23:45 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	7.95	152	128767	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	538604	20.00	ng	-0.02
39) Acenaphthene-d10	14.59	164	338022	20.00	ng	-0.01
64) Phenanthrene-d10	17.32	188	727365	20.00	ng	-0.01
76) Chrysene-d12	21.60	240	654990	20.00	ng	0.00
87) Perylene-d12	24.79	264	586991	20.00	ng	0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	839636	119.73	ng	-0.01
7) Phenol-d6	7.12	99	1077697	109.94	ng	0.00
23) Nitrobenzene-d5	9.10	82	668217	66.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	399883	113.05	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1427691	76.52	ng	-0.02
79) Terphenyl-d14	19.96	244	2242274	81.68	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	112088	36.656 ng	97
3) Pyridine	3.81	79	271216	30.024 ng	93
4) n-Nitrosodimethylamine	3.72	42	147891	36.773 ng	94
6) Aniline	7.27	93	348909	27.098 ng	97
8) 2-Chlorophenol	7.52	128	341476	41.476 ng	99
9) Benzaldehyde	7.08	77	130326	20.772 ng	99
10) Phenol	7.15	94	415674	41.155 ng	98
11) bis(2-Chloroethyl)ether	7.36	93	328166	37.641 ng	97
12) 1,3-Dichlorobenzene	7.84	146	370840	38.491 ng	96
13) 1,4-Dichlorobenzene	7.98	146	370024	38.925 ng	99
14) 1,2-Dichlorobenzene	8.31	146	346992	38.029 ng	99
15) Benzyl Alcohol	8.19	79	286071	36.976 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	434643	32.224 ng	99
17) 2-Methylphenol	8.39	107	290812	39.788 ng	99
18) Hexachloroethane	9.03	117	137770	37.246 ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	246934	33.825 ng	98
20) 3+4-Methylphenols	8.72	107	395782	38.816 ng	98
22) Acetophenone	8.77	105	467889	34.943 ng	# 99
24) Nitrobenzene	9.15	77	356367	35.738 ng	98
25) Isophorone	9.67	82	659378	34.908 ng	99
26) 2-Nitrophenol	9.86	139	191753	40.645 ng	96
27) 2,4-Dimethylphenol	9.93	122	318599	44.862 ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	427123	33.918 ng	98
29) 2,4-Dichlorophenol	10.40	162	332058	39.199 ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	345825	36.410 ng	99
31) Naphthalene	10.80	128	1002892	38.478 ng	100
32) Benzoic acid	10.07	122	177664	32.974 ng	94
33) 4-Chloroaniline	10.90	127	249482	20.069 ng	99
34) Hexachlorobutadiene	11.10	225	203290	35.055 ng	98
35) Caprolactam	11.68	113	91575m	29.039 ng	
36) 4-Chloro-3-methylphenol	12.04	107	345949	38.362 ng	98
37) 2-Methylnaphthalene	12.41	142	732143	37.311 ng	96
38) 1-Methylnaphthalene	12.63	142	699458	37.610 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	355004	35.832 ng	100

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 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	340574	66.306	nq	99
43) 2,4,6-Trichlorophenol	13.02	196	260193	38.168	nq	94
44) 2,4,5-Trichlorophenol	13.09	196	281994	40.107	nq	98
46) 1,1'-Biphenyl	13.42	154	909891	37.543	nq	98
47) 2-Chloronaphthalene	13.46	162	709256	36.216	nq	98
48) 2-Nitroaniline	13.66	65	216712	34.401	nq	92
49) Acenaphthylene	14.30	152	1102810	39.179	nq	98
50) Dimethylphthalate	14.04	163	884946	36.871	nq	98
51) 2,6-Dinitrotoluene	14.15	165	205557	37.892	nq	95
52) Acenaphthene	14.64	154	699121	35.417	nq	98
53) 3-Nitroaniline	14.48	138	172747	28.042	nq	98
54) 2,4-Dinitrophenol	14.69	184	215604	78.150	nq	94
55) Dibenzofuran	14.98	168	1061127	39.049	nq	99
56) 4-Nitrophenol	14.80	139	392367	83.117	nq	94
57) 2,4-Dinitrotoluene	14.94	165	286599	38.827	nq	97
58) Fluorene	15.63	166	837891	38.903	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	242312	40.079	nq	96
60) Diethylphthalate	15.40	149	893290	37.212	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	432653	36.994	nq	98
62) 4-Nitroaniline	15.66	138	211182	34.715	nq	95
63) Azobenzene	15.91	77	825782	37.093	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	161604	43.568	nq	93
66) n-Nitrosodiphenylamine	15.84	169	780332	36.430	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	284525	34.780	nq	98
68) Hexachlorobenzene	16.64	284	306031	34.718	nq	97
69) Atrazine	16.80	200	292496	42.009	nq	99
70) Pentachlorophenol	16.98	266	373769	76.920	nq	99
71) Phenanthrene	17.37	178	1322412	37.904	nq	99
72) Anthracene	17.46	178	1365423	39.601	nq	99
73) Carbazole	17.74	167	1262140	39.629	nq	97
74) Di-n-butylphthalate	18.29	149	1499726	36.881	nq	98
75) Fluoranthene	19.37	202	1523463	38.183	nq	98
77) Benzidine	19.56	184	448078	27.216	nq	98
78) Pyrene	19.74	202	1526019	35.693	nq	98
80) Butylbenzylphthalate	20.63	149	717550	35.252	nq	99
81) Benzo(a)anthracene	21.57	228	1472390	36.253	nq	97
82) 3,3'-Dichlorobenzidine	21.49	252	495981	30.911	nq	99
83) Chrysene	21.65	228	1530662	39.663	nq	94
84) Bis(2-ethylhexyl)phthalate	21.49	149	1016795	36.203	nq	100
85) Di-n-octyl phthalate	22.69	149	1782959	37.761	nq	97
86) Indeno(1,2,3-cd)pyrene	28.46	276	1856925	35.407	nq	# 78
88) Benzo(b)fluoranthene	23.75	252	1621683m	46.732	nq	
89) Benzo(k)fluoranthene	23.84	252	1556882m	47.180	nq	
90) Benzo(a)pyrene	24.63	252	1462281	44.647	nq	97
91) Dibenzo(a,h)anthracene	28.50	278	1562922	47.516	nq	97
92) Benzo(g,h,i)perylene	29.69	276	1571807	48.107	nq	96

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



#1

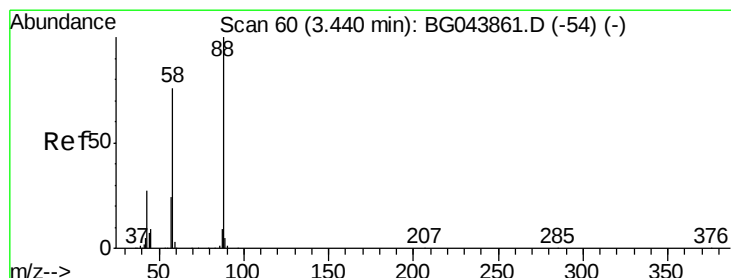
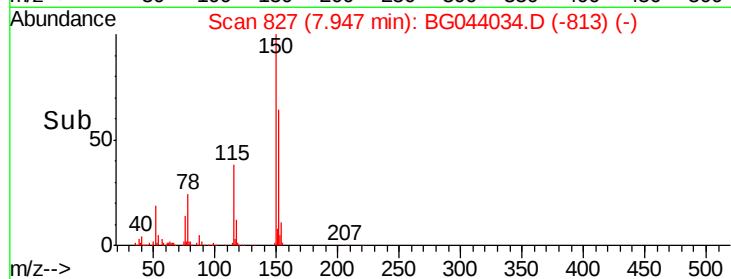
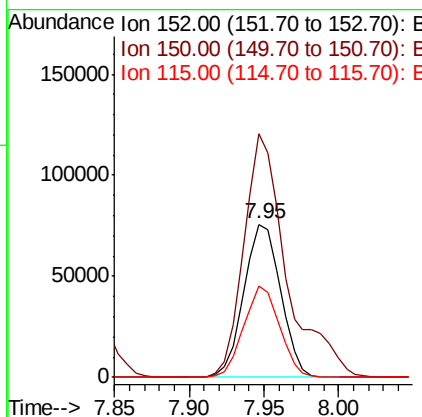
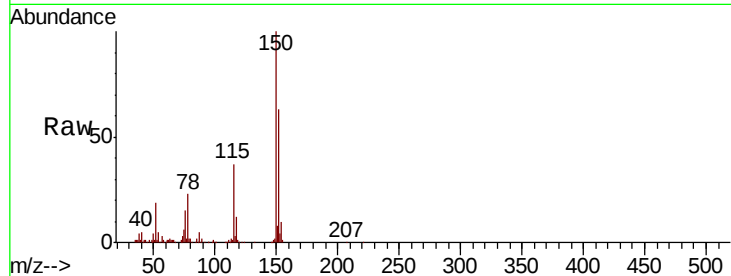
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.0	190.4
115	59.6	47.8	71.8

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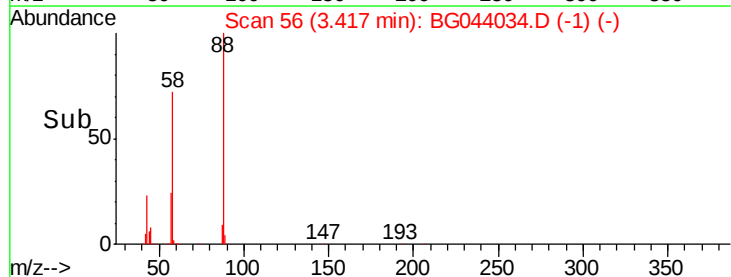
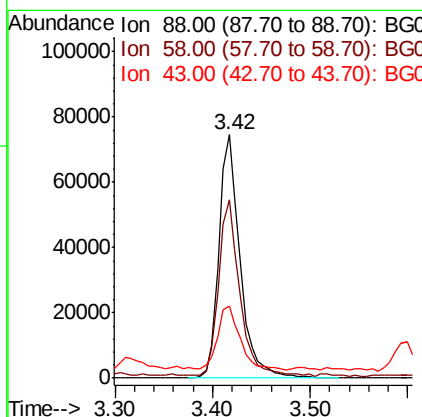
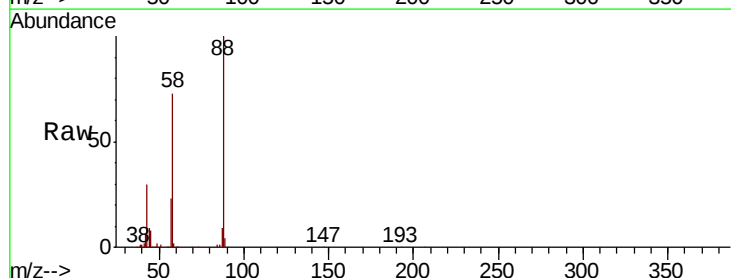
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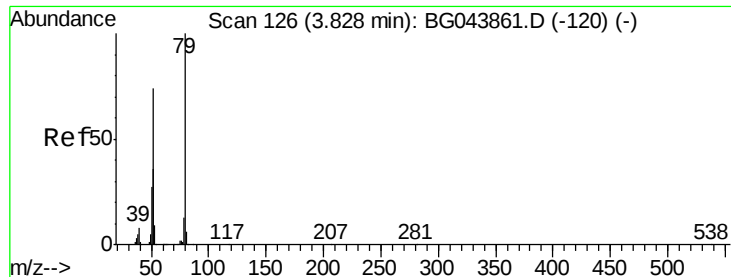


#2

1,4-Dioxane
Concen: 36.656 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	59.8	89.8
43	27.2	22.9	34.3





#3

Pvridine

Concen: 30.024 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

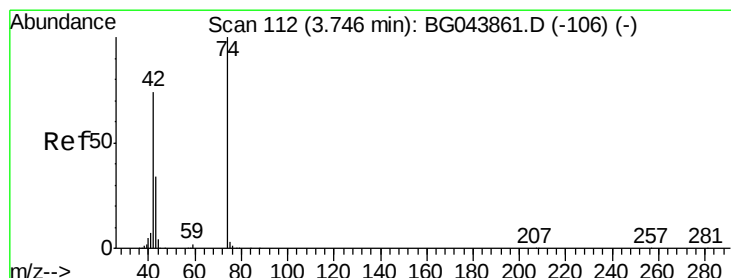
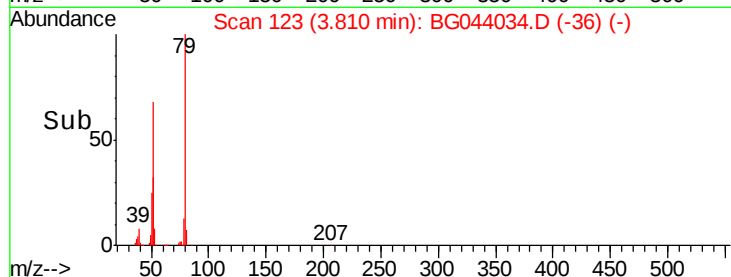
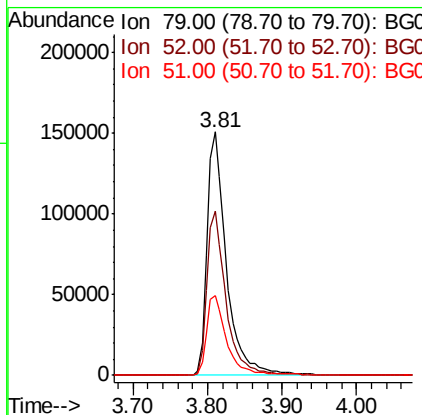
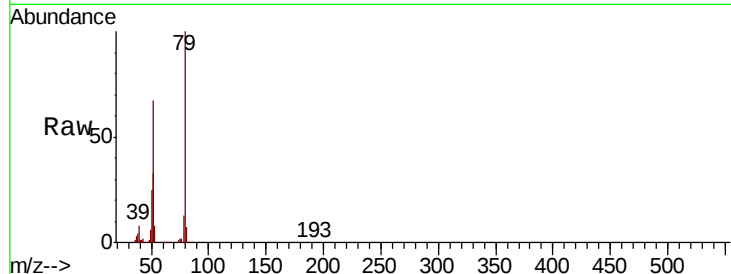
ClientSampleId :

PB126078BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		271216		
52	67.3		58.9	88.3	
51	32.6		28.6	43.0	

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#4

n-Nitrosodimethylamine

Concen: 36.773 ng

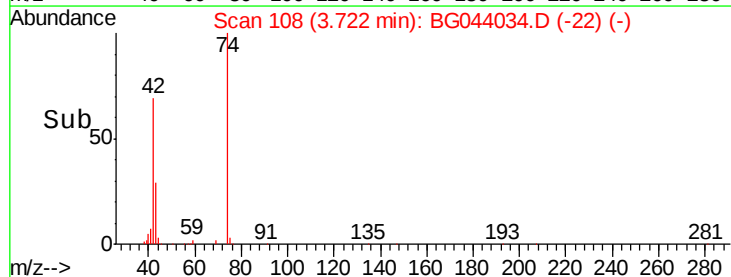
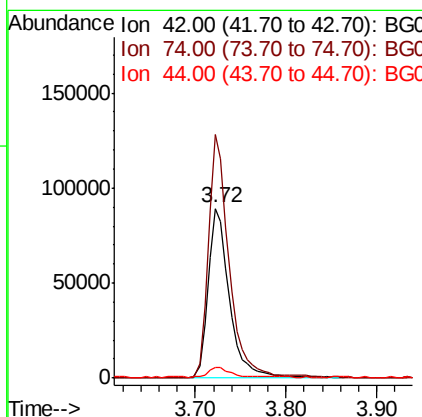
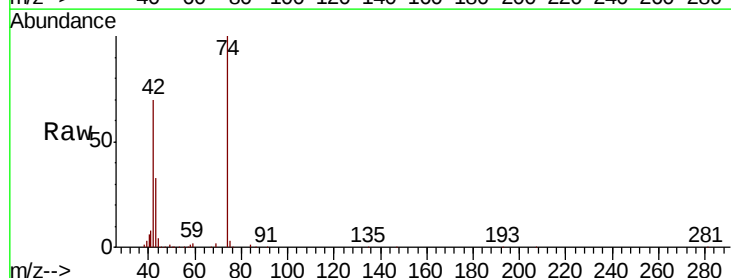
RT: 3.72 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		147891		
74	143.6		108.6	162.8	
44	6.3		5.0	7.6	





#5

2-Fluorophenol

Concen: 119.726 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

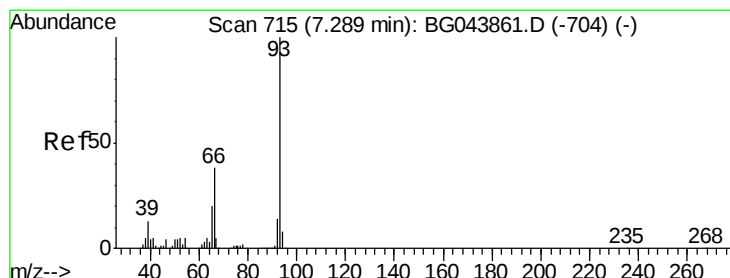
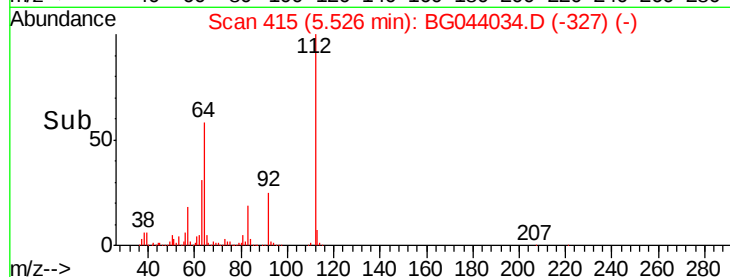
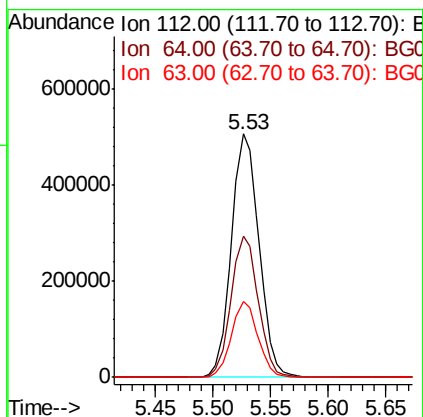
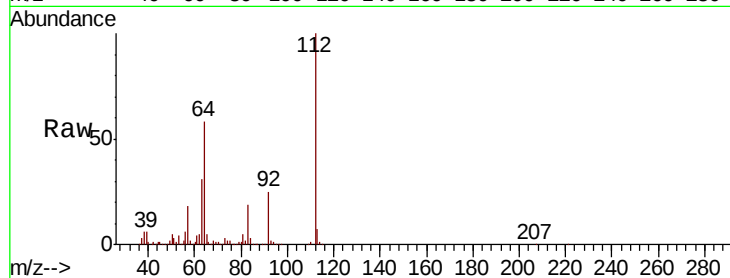
ClientSampleId :

PB126078BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	839636		
64	58.0		47.8	71.6
63	31.0		24.3	36.5

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#6

Aniline

Concen: 27.098 ng

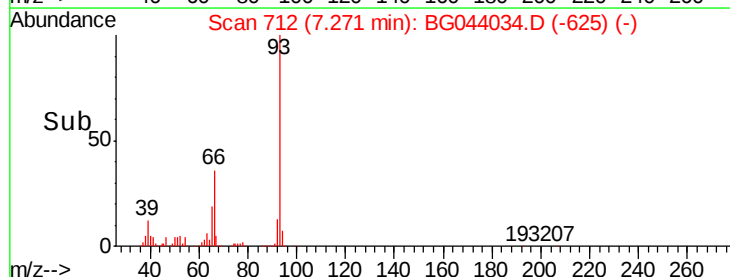
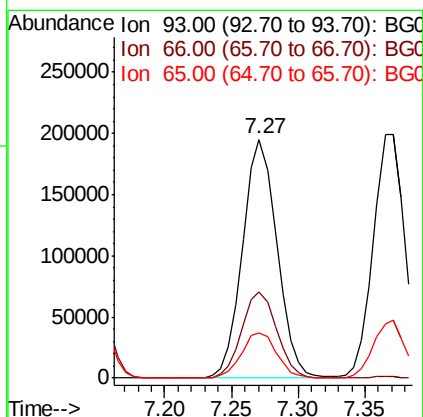
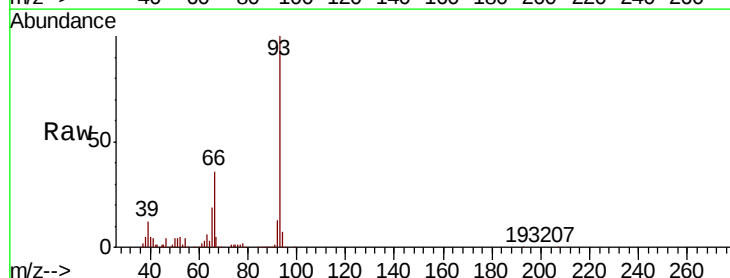
RT: 7.27 min Scan# 712

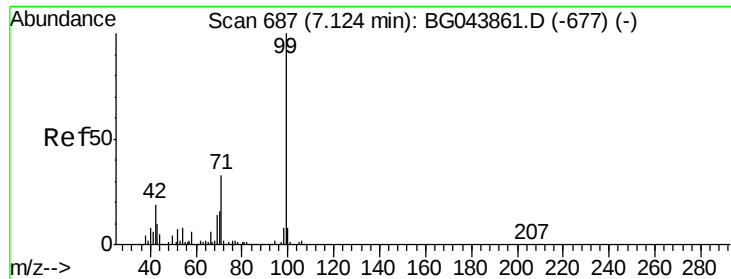
Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	348909		
66	36.2		30.8	46.2
65	18.8		16.0	24.0





#7

Phenol-d6

Concen: 109.937 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB126078BS

Tot Ion: 99 Resp: 1077697

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

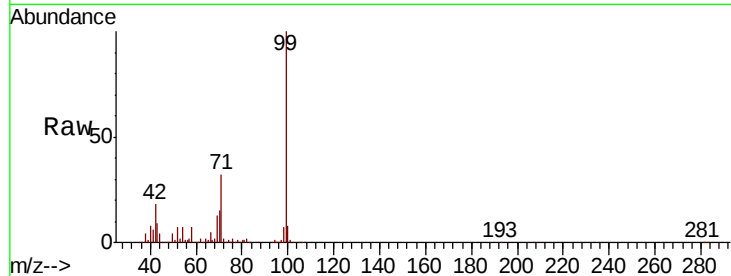
71 32.4 26.4 39.6

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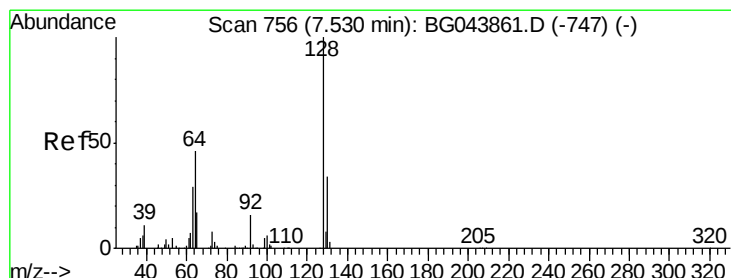
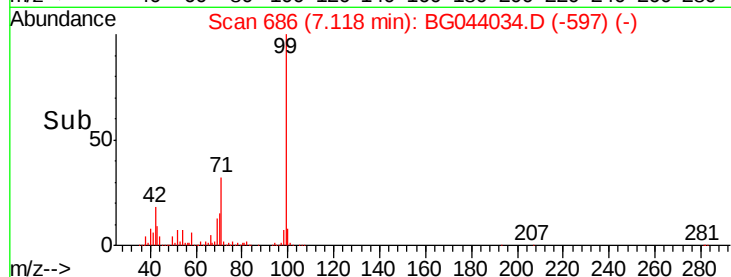
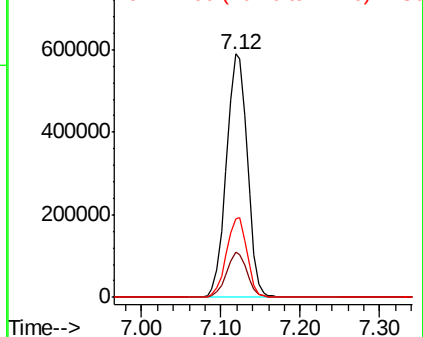
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.476 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

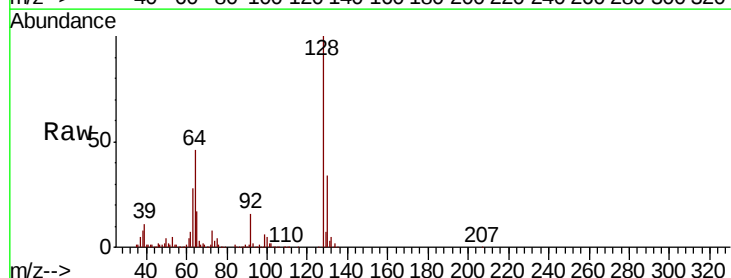
Tgt Ion: 128 Resp: 341476

Ion Ratio Lower Upper

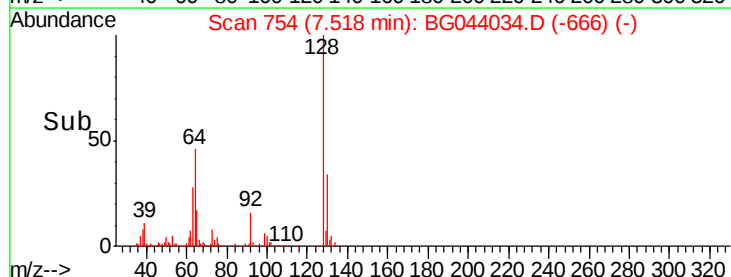
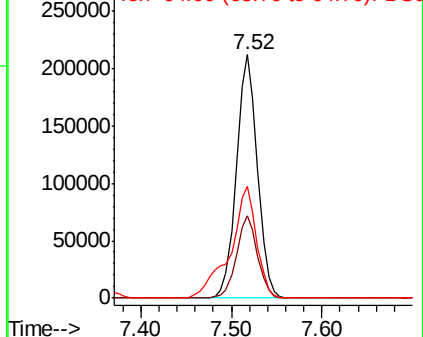
128 100

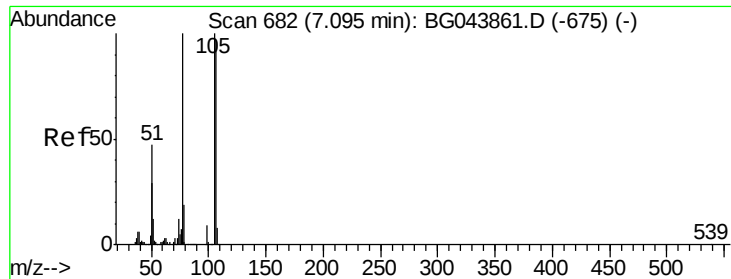
130 33.8 13.8 53.8

64 45.9 27.6 67.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.772 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

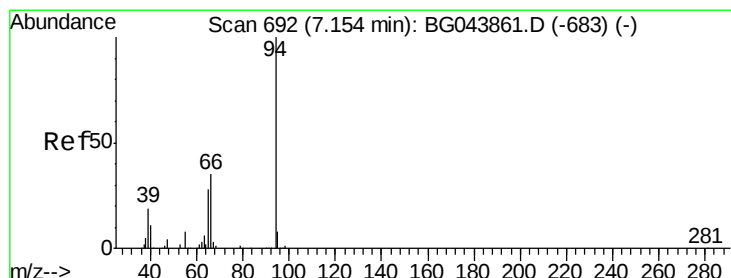
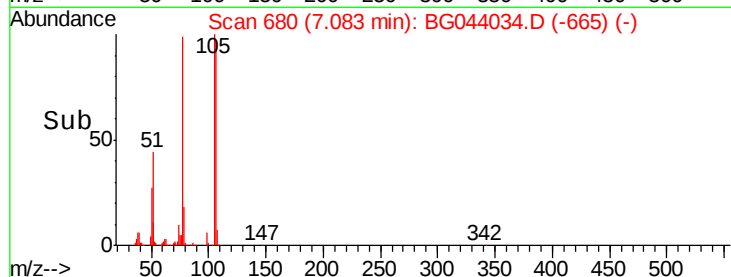
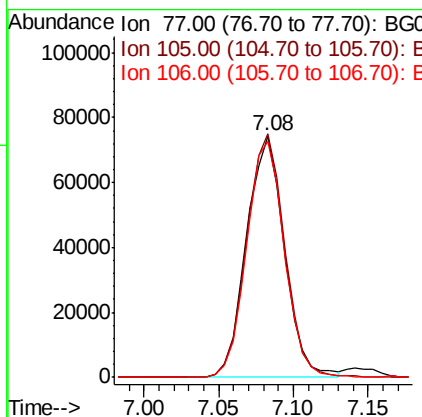
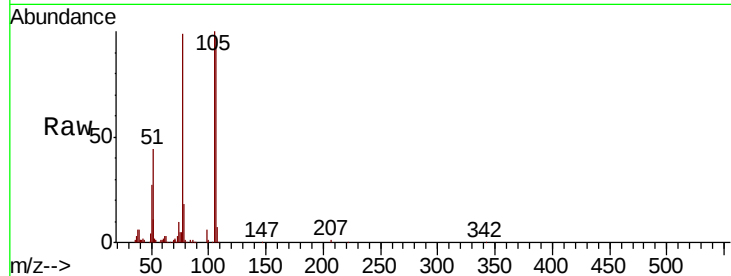
ClientSampleID :

PB126078BS

Tot Ion:	77	Resp:	130326
Ion	Ratio	Lower	Upper
77	100		
105	101.0	80.2	120.2
106	98.0	77.2	117.2

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#10

Phenol

Concen: 41.155 ng

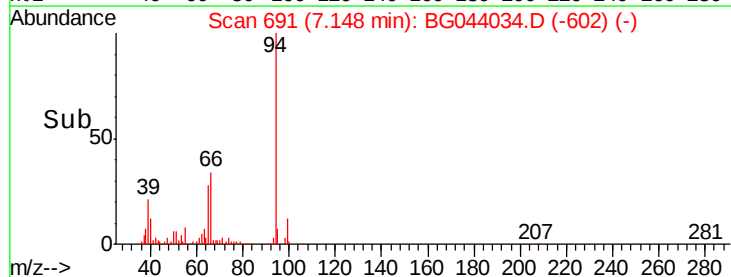
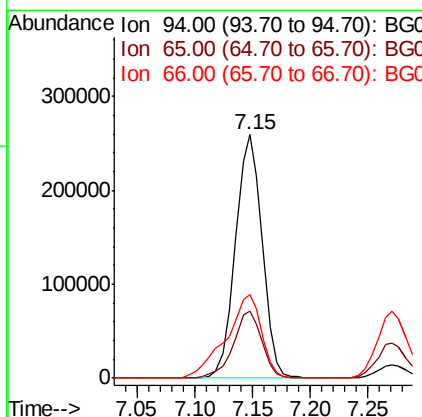
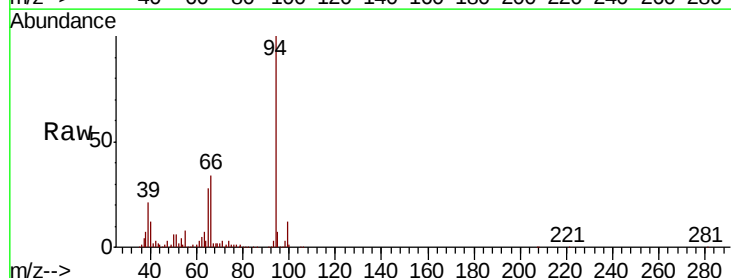
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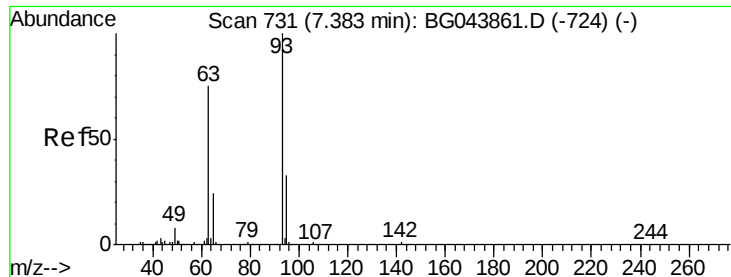
Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:	94	Resp:	415674
Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.1	48.1
66	34.2	15.6	55.6





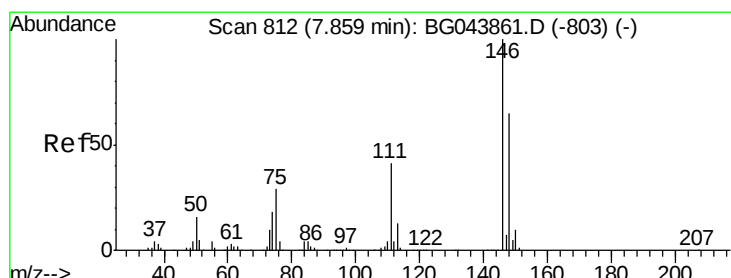
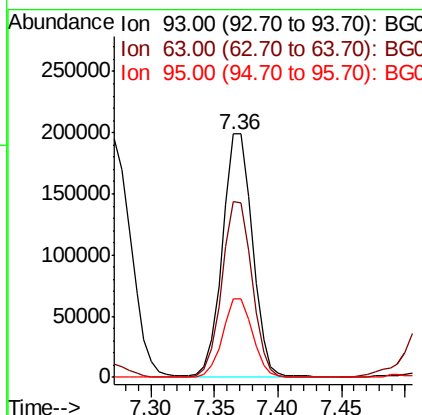
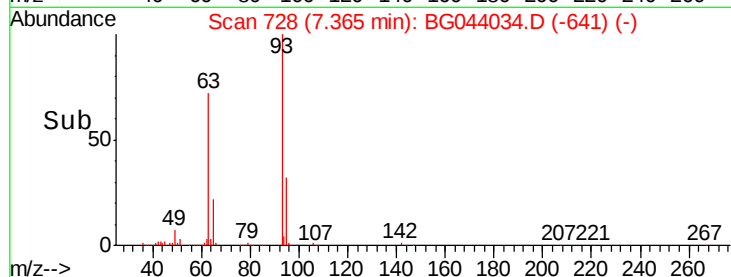
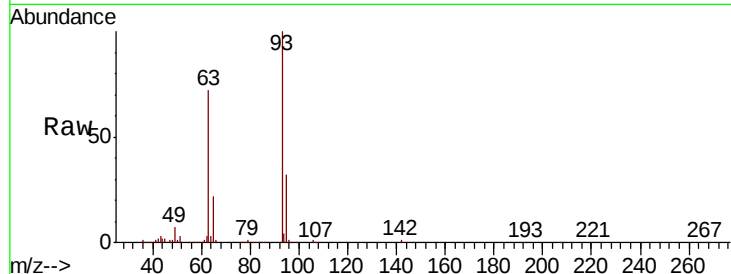
#11
bis(2-Chloroethyl)ether
Concen: 37.641 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleID :
PB126078BS

Tot Ion	93	Resp	328166
Ion	Ratio	Lower	Upper
93	100		
63	72.4	55.0	95.0
95	32.2	13.3	53.3

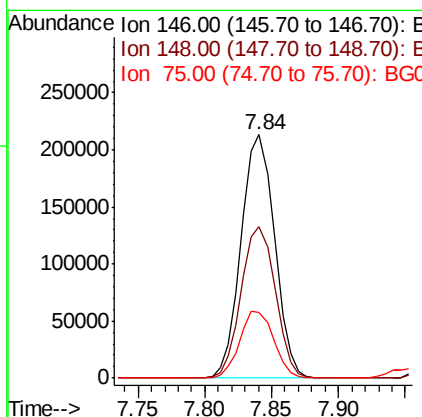
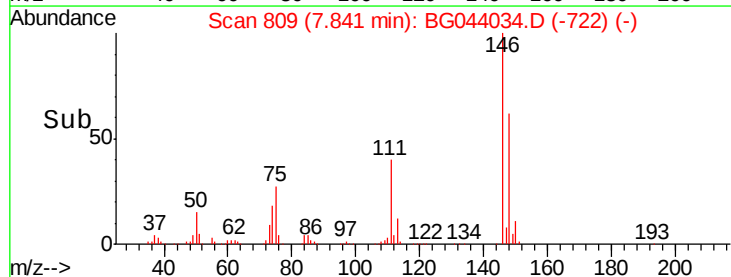
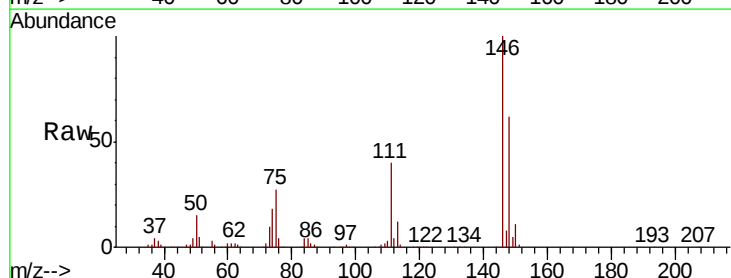
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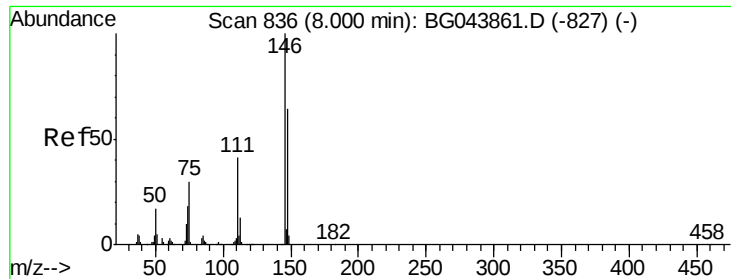
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.491 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	146	Resp	370840
Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.1	78.1
75	27.2	23.0	34.4





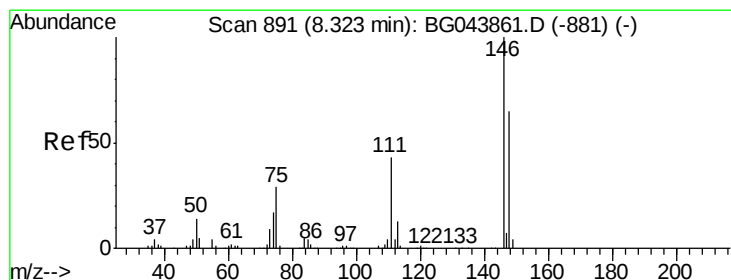
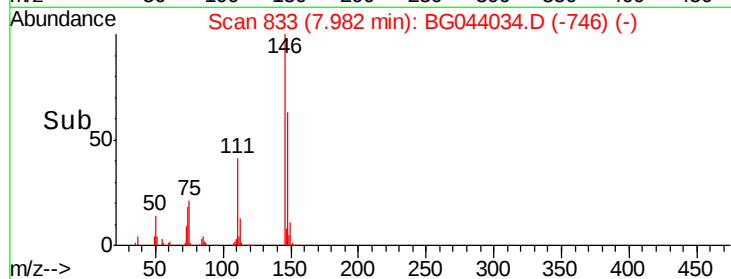
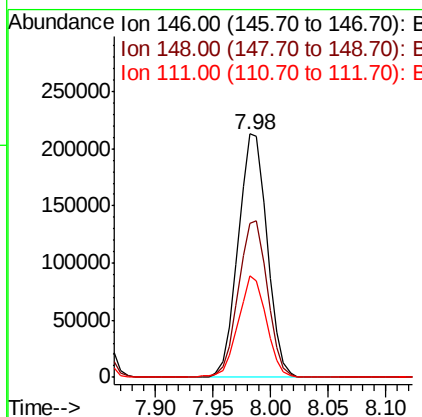
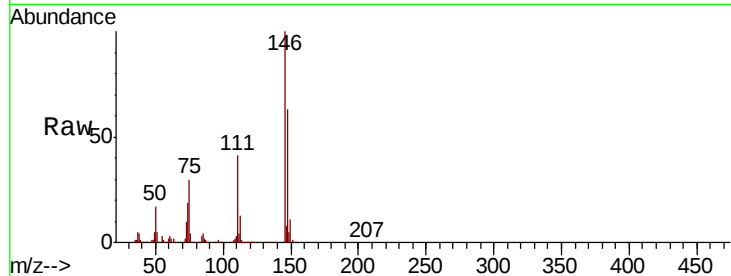
#13
 1,4-Dichlorobenzene
 Concen: 38.925 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampled :
 PB126078BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.2	76.8
111	41.5	33.1	49.7

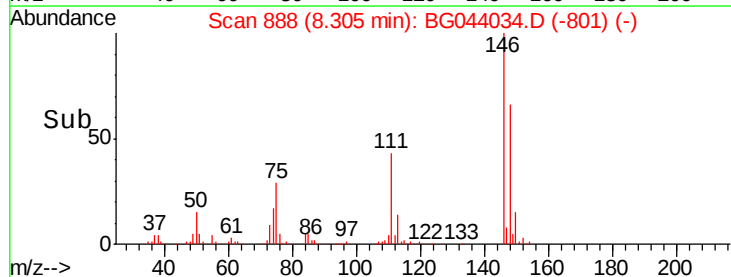
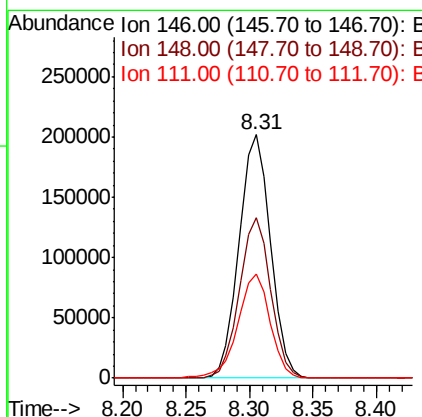
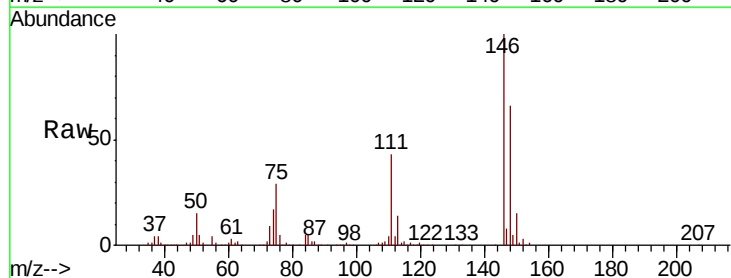
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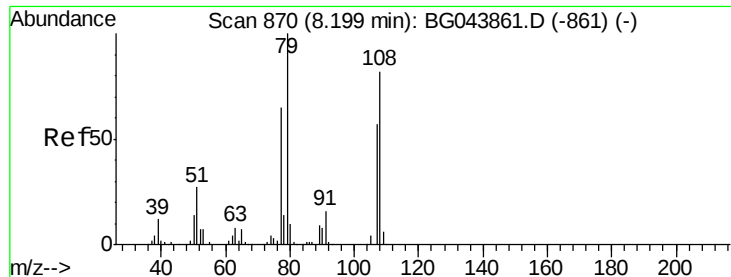
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.029 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.7	77.5
111	42.7	34.4	51.6





#15

Benzyl Alcohol

Concen: 36.976 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

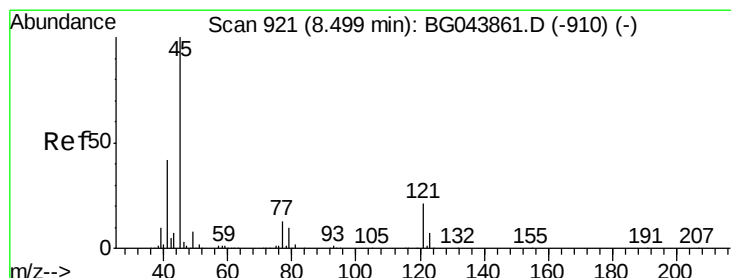
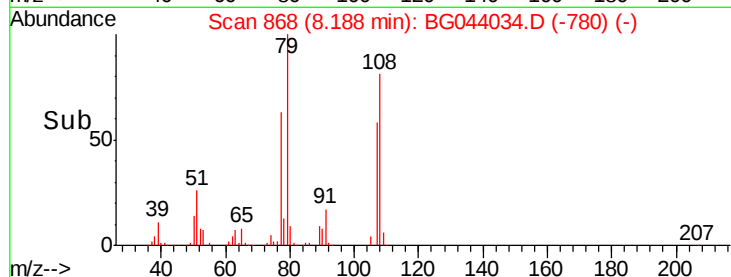
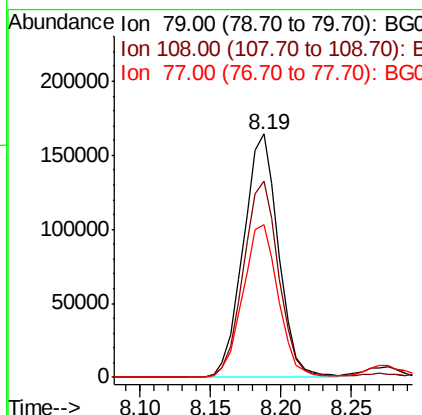
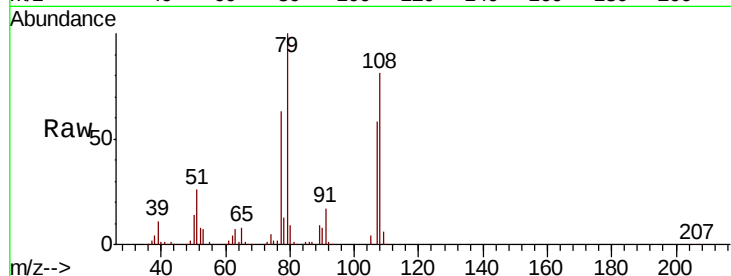
ClientSampleId :

PB126078BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	65.6	98.4
77	62.6	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.224 ng

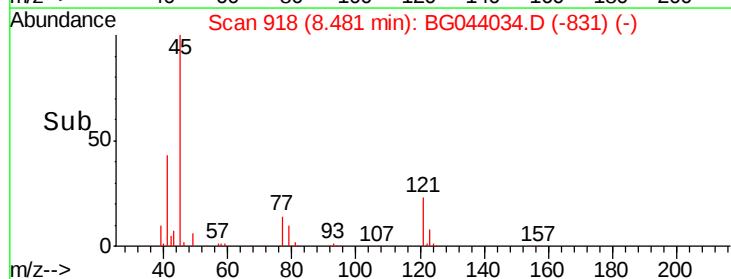
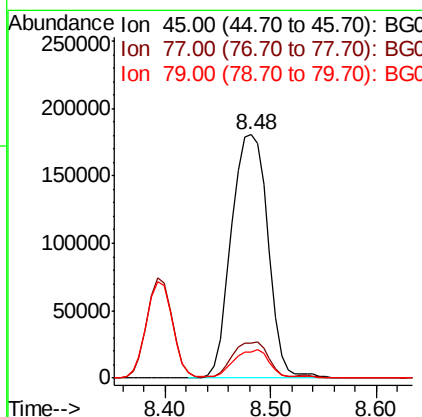
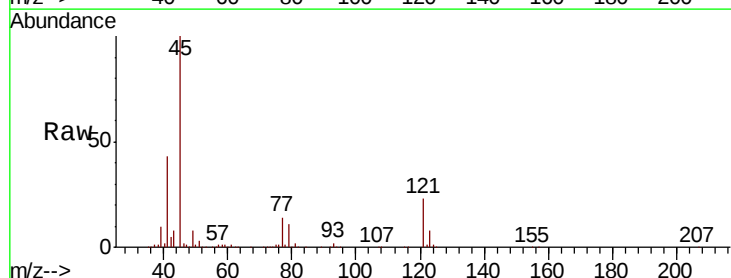
RT: 8.48 min Scan# 918

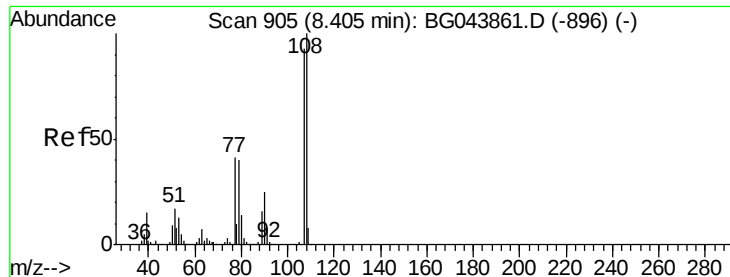
Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.8
79	10.6	0.0	31.0





#17

2-Methylphenol

Concen: 39.788 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

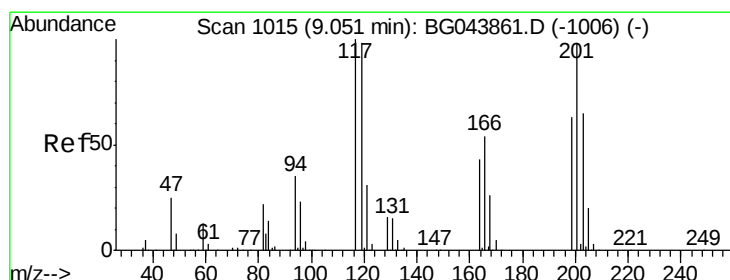
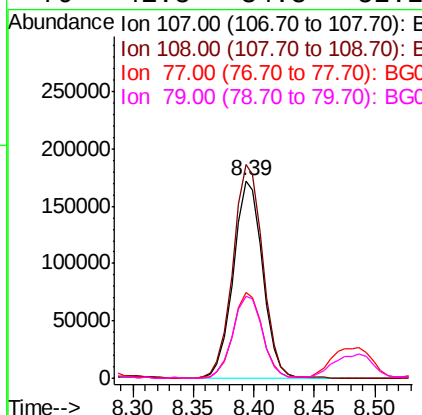
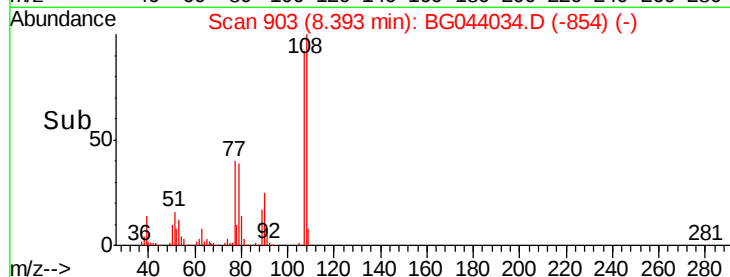
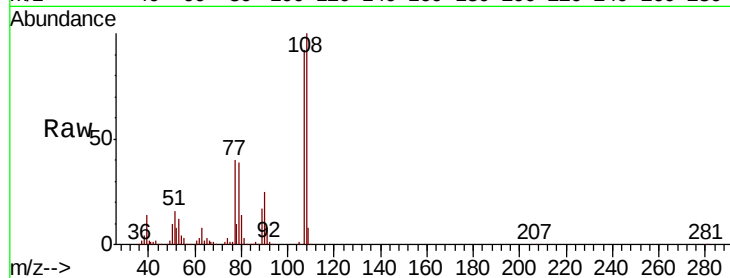
ClientSampled :

PB126078BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	86.1	129.1	
77	43.2	35.4	53.0	
79	41.8	34.8	52.2	

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#18

Hexachloroethane

Concen: 37.246 ng

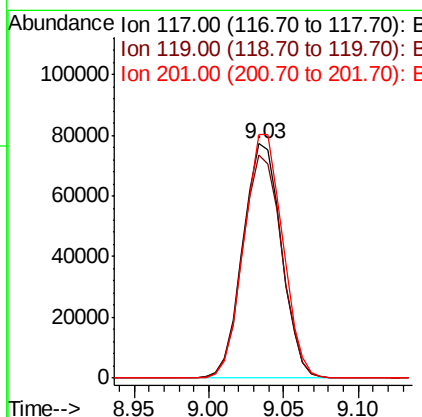
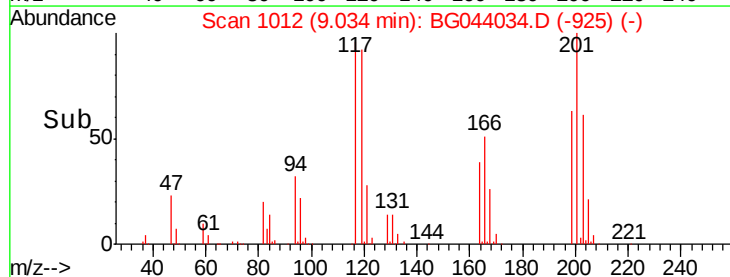
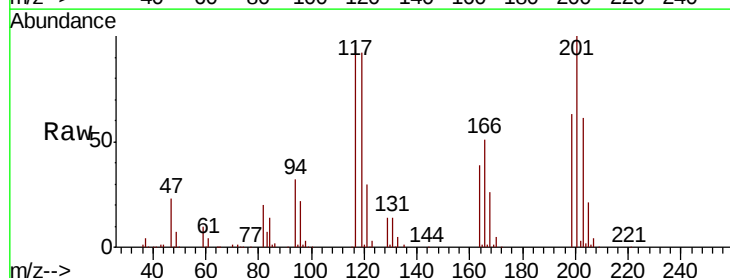
RT: 9.03 min Scan# 1012

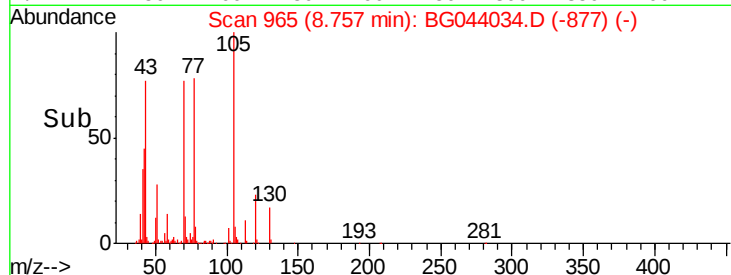
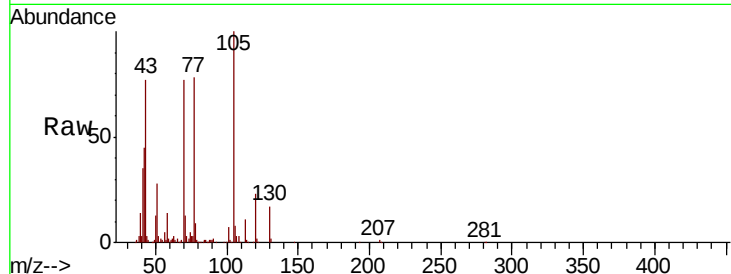
Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	78.1	117.1	
201	103.9	78.6	117.8	





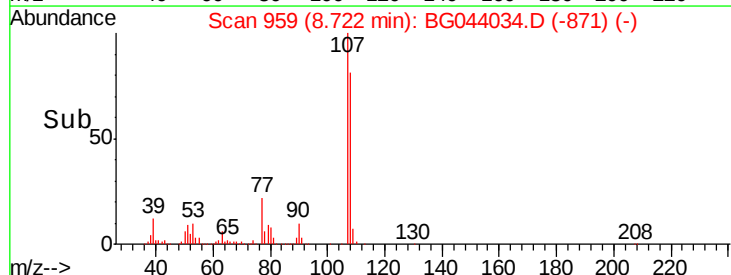
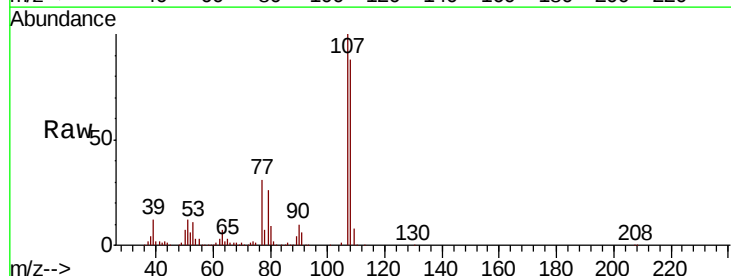
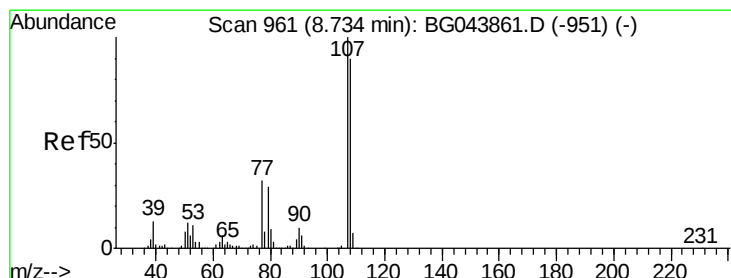
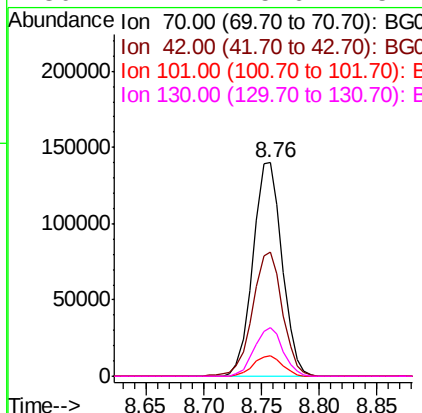
#19
n-Nitroso-di-n-propylamine
Concen: 33.825 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.3	47.0	70.4	
101	9.7	7.2	10.8	
130	22.7	15.6	23.4	

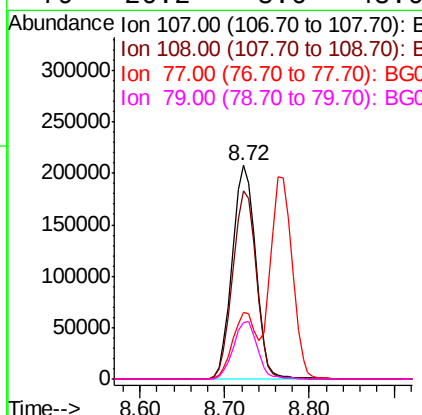
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#20
3+4-Methylphenols
Concen: 38.816 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	70.3	110.3	
77	31.3	12.4	52.4	
79	26.2	8.6	48.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

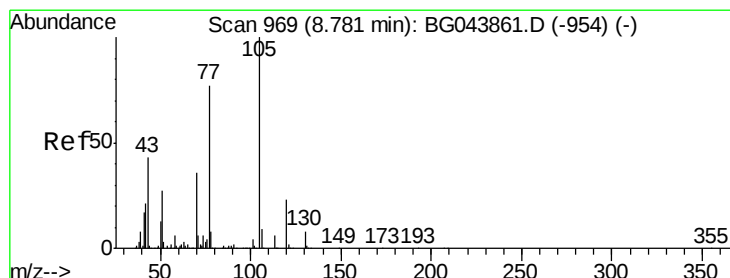
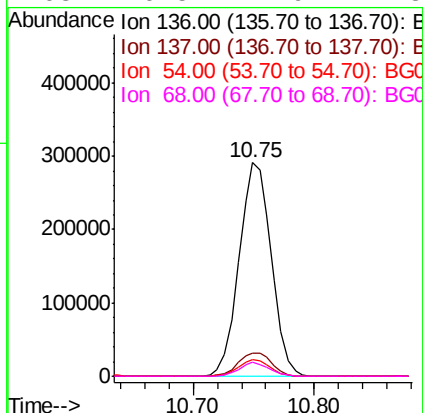
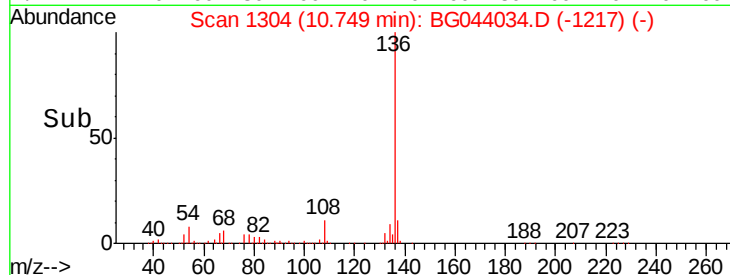
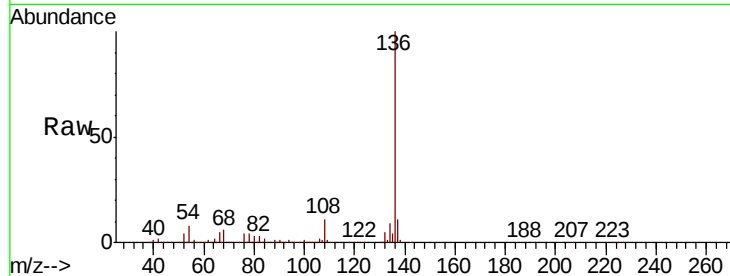
ClientSampleId :

PB126078BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.8	7.0	10.4	
68	6.5	4.9	7.3	

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#22

Acetophenone

Concen: 34.943 ng

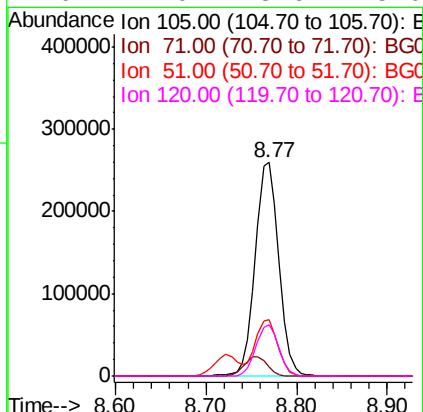
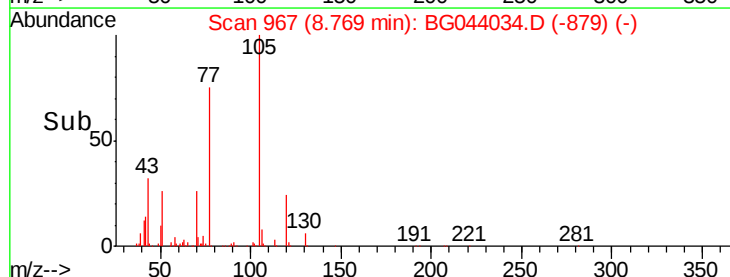
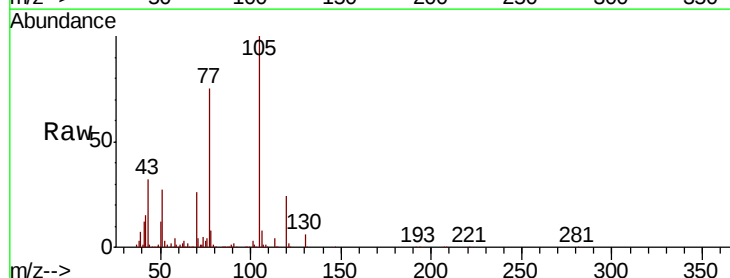
RT: 8.77 min Scan# 967

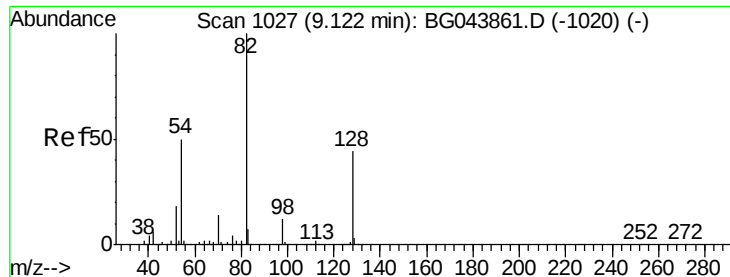
Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	4.8	7.2#	
51	26.5	21.4	32.0	
120	24.0	18.6	28.0	





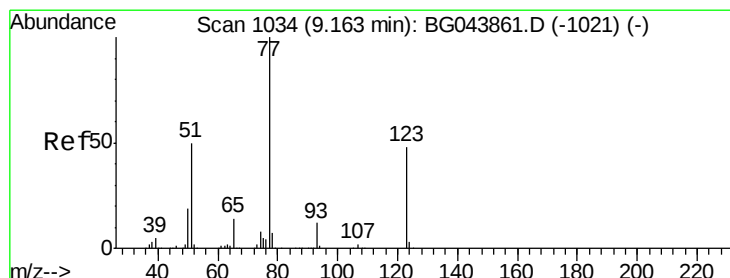
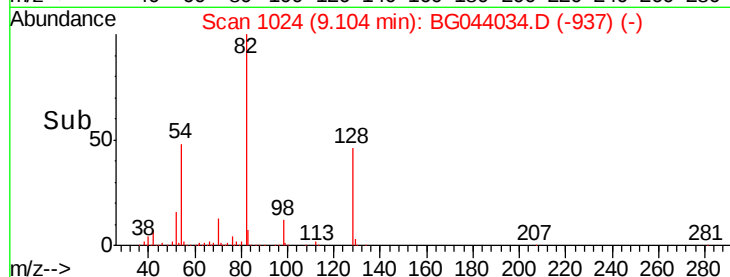
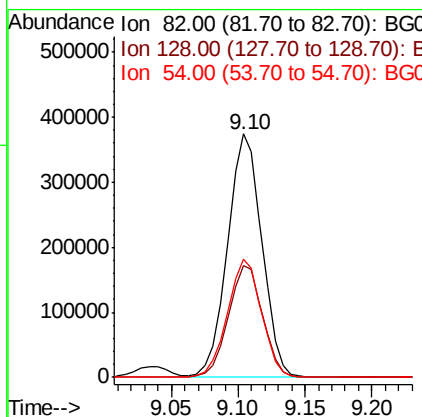
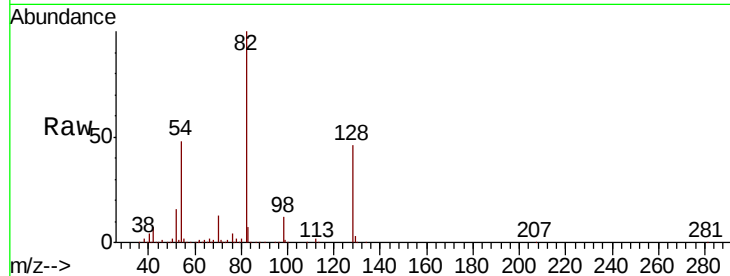
#23
 Nitrobenzene-d5
 Concen: 66.369 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampleID :
 PB126078BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	48.5	40.1	60.1

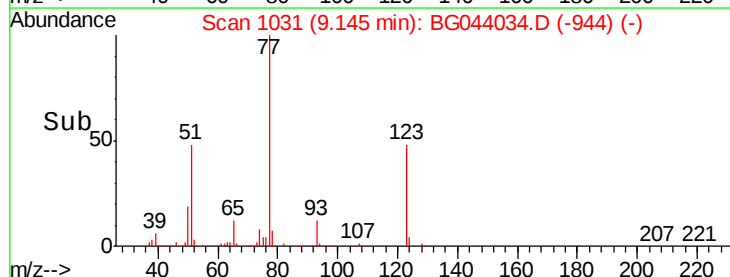
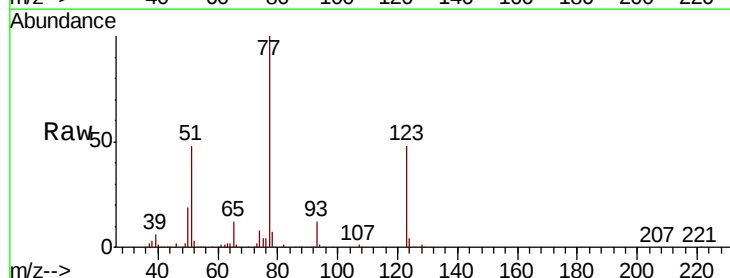
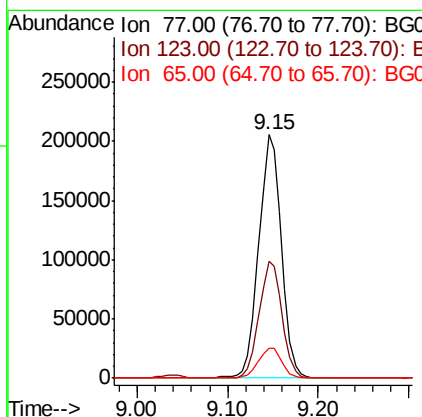
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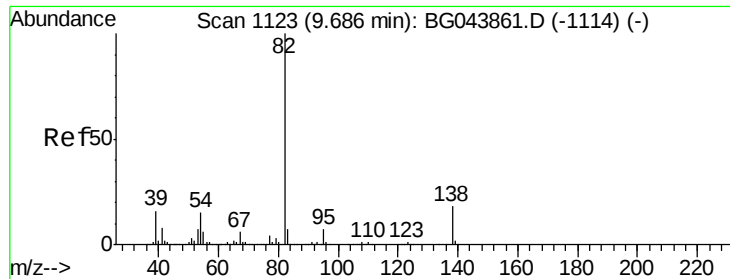
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#24
 Nitrobenzene
 Concen: 35.738 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	38.7	58.1
65	12.2	11.1	16.7





#25

Isophorone

Concen: 34.908 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

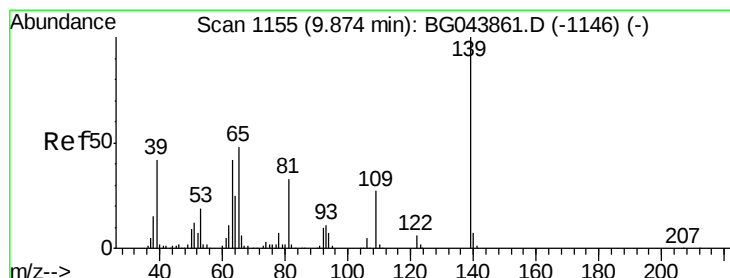
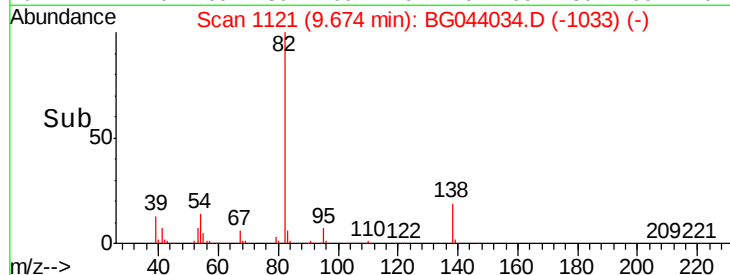
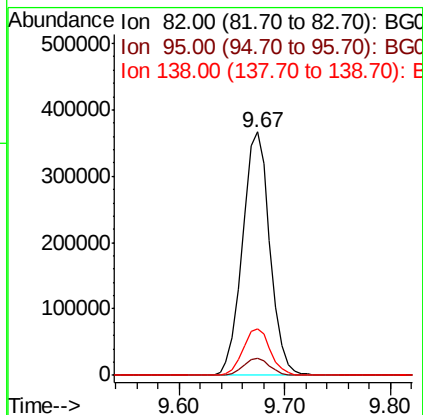
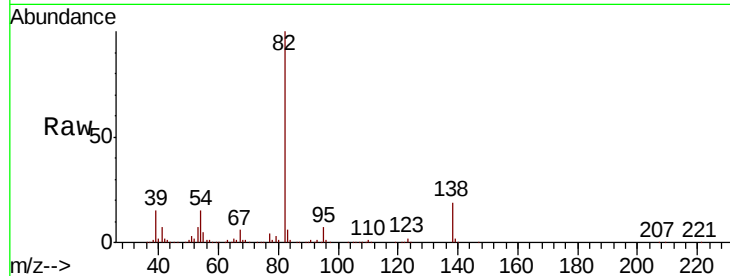
ClientSampleId :

PB126078BS

Tot Ion:	82	Resp:	659378
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	19.1	14.6	22.0

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#26

2-Nitrophenol

Concen: 40.645 ng

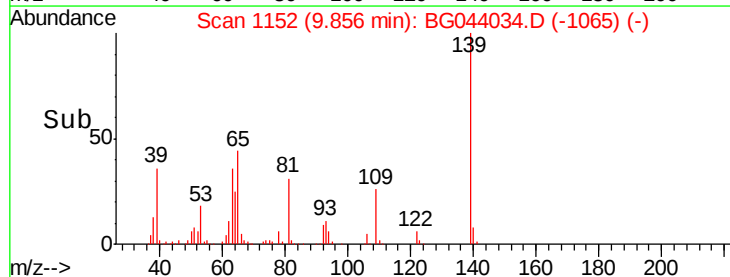
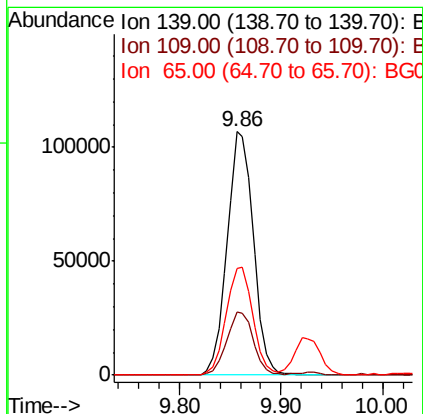
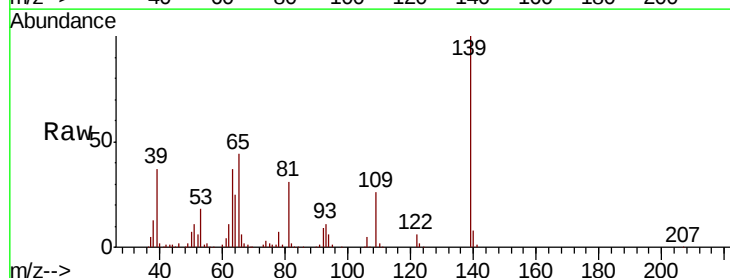
RT: 9.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:	139	Resp:	191753
Ion Ratio	Lower	Upper	
139	100		
109	25.9	21.3	31.9
65	44.1	38.6	57.8





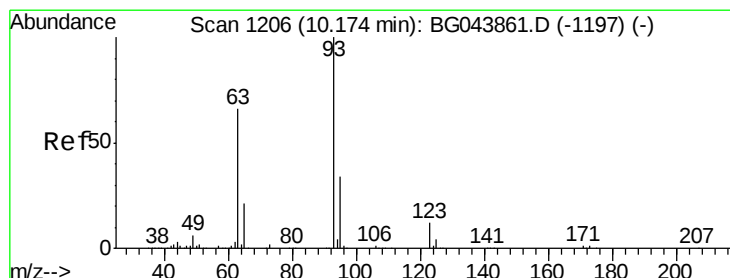
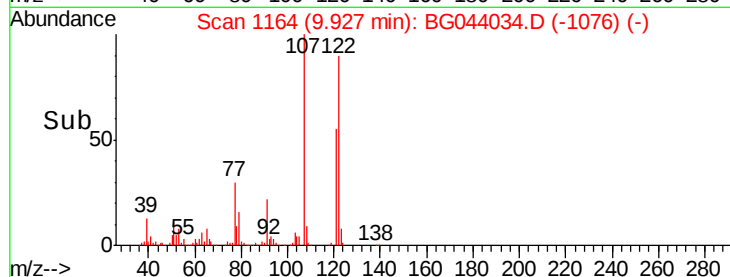
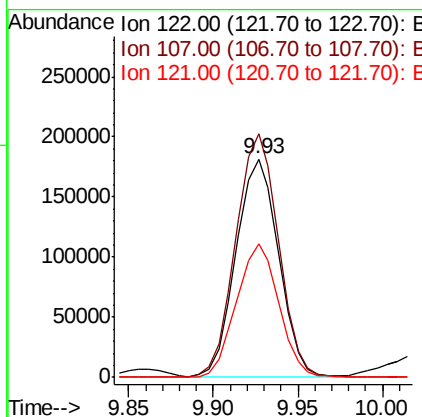
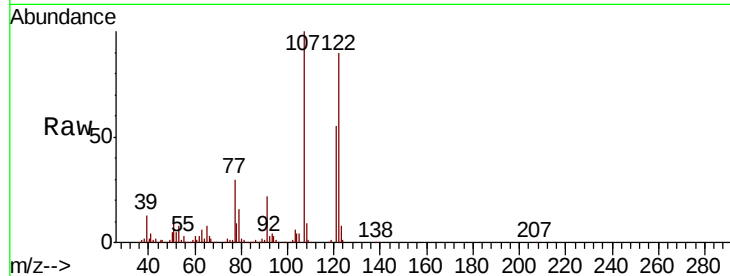
#27
2,4-Dimethylphenol
Concen: 44.862 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	318599		
107	111.6	88.0	132.0	
121	61.3	49.0	73.4	

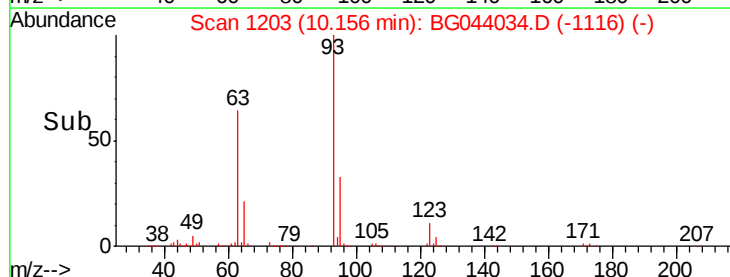
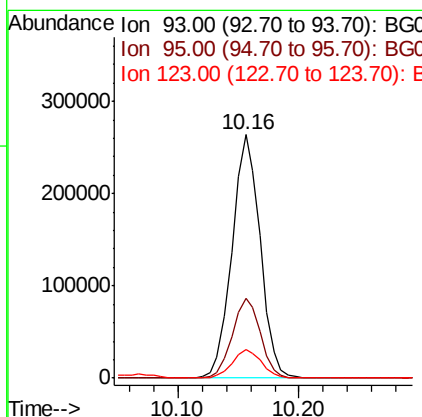
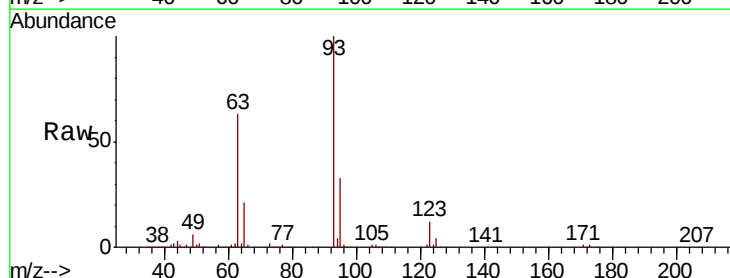
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 33.918 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	427123		
95	33.0	27.2	40.8	
123	11.5	9.7	14.5	





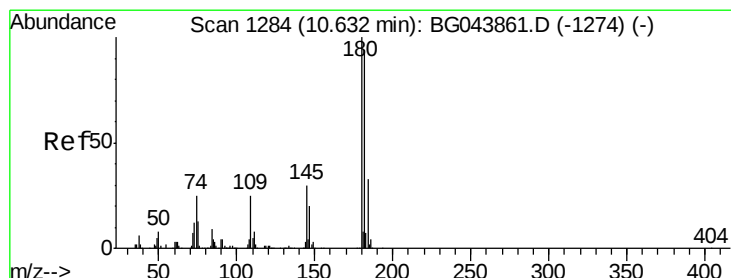
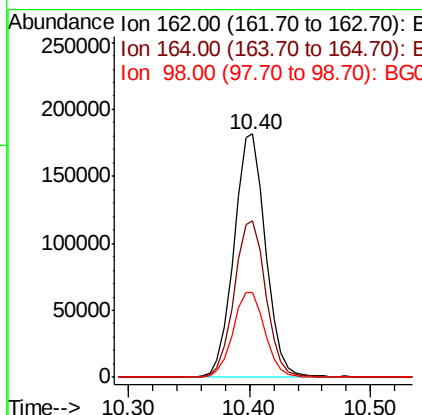
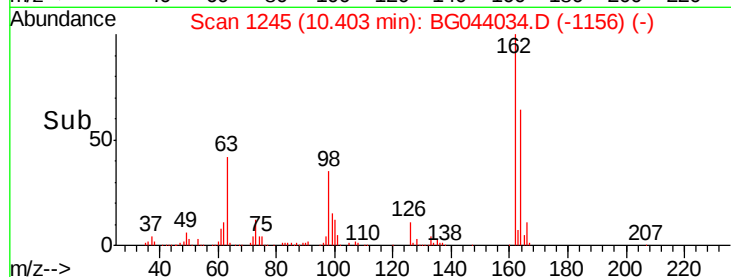
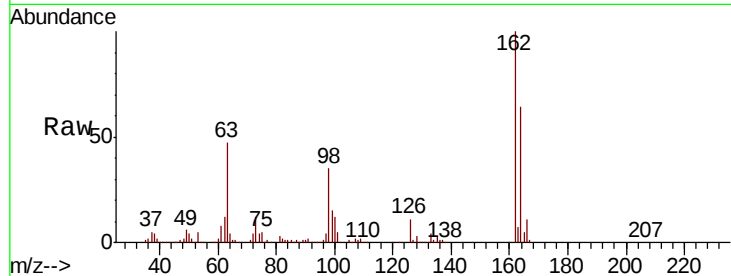
#29
2,4-Dichlorophenol
Concen: 39.199 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.3	86.3
98	34.7	17.3	57.3

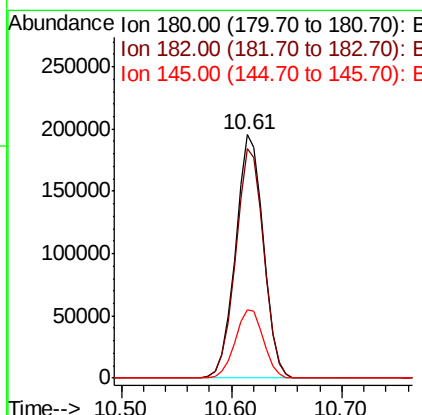
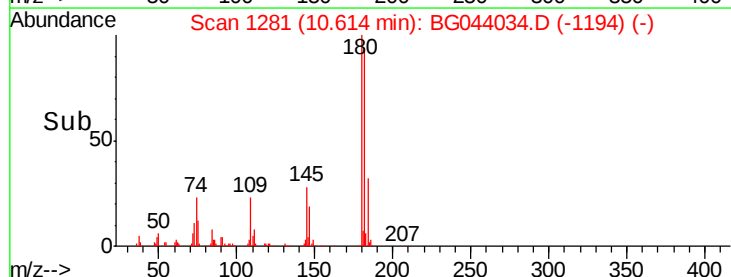
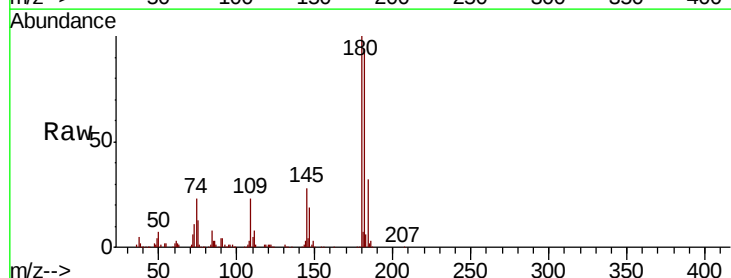
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#30
1,2,4-Trichlorobenzene
Concen: 36.410 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.0	112.4
145	28.1	24.2	36.4





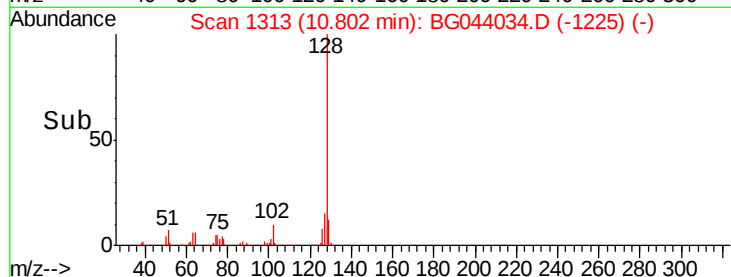
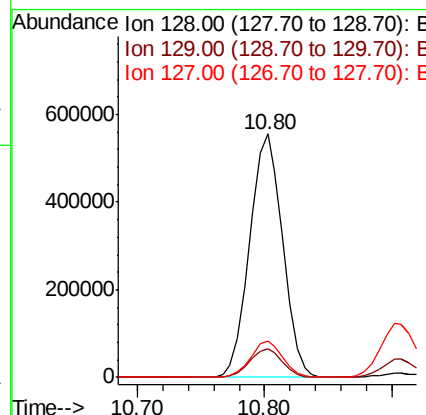
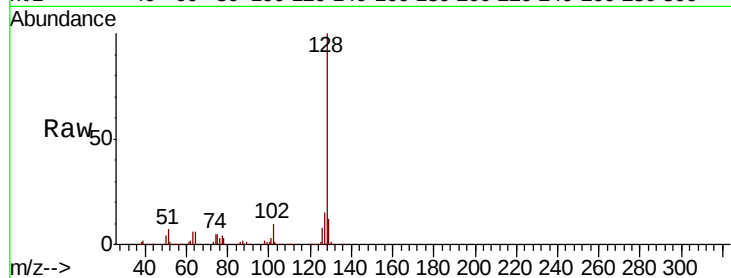
#31
Naphthalene
Concen: 38.478 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	15.0	12.0	18.0

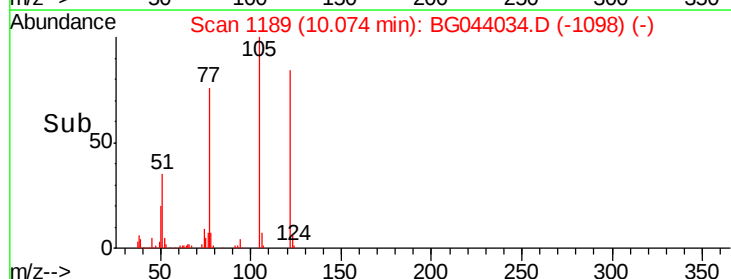
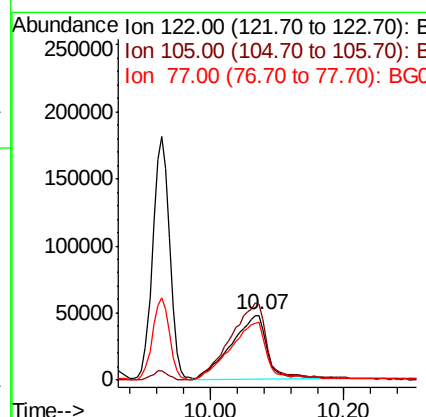
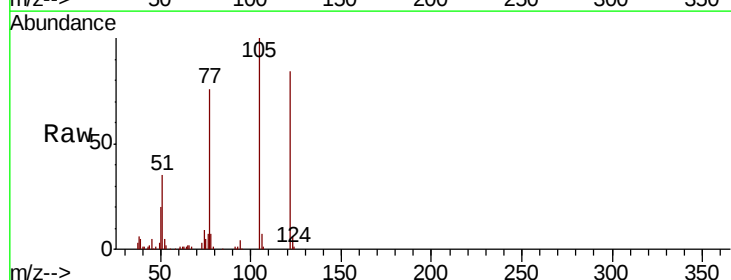
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#32
Benzoic acid
Concen: 32.974 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	106.4	146.4
77	90.6	74.6	114.6





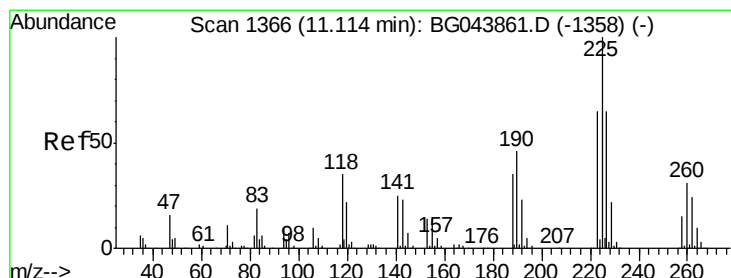
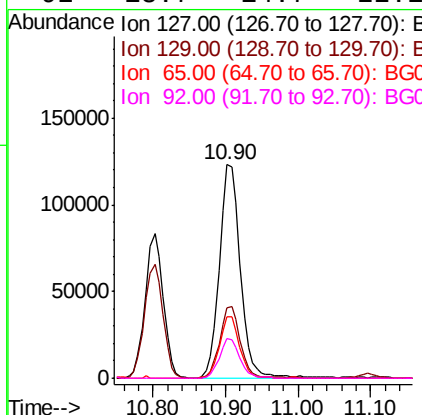
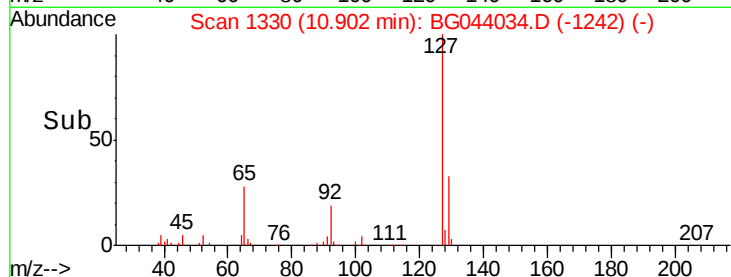
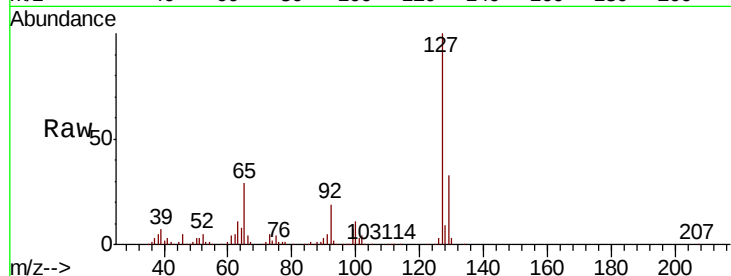
#33
4-Chloroaniline
Concen: 20.069 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	40.0
65	28.5	23.3	34.9
92	18.7	14.7	22.1

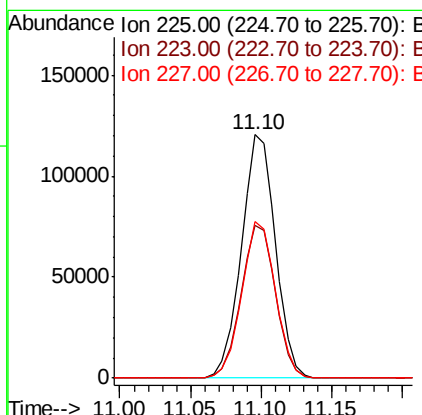
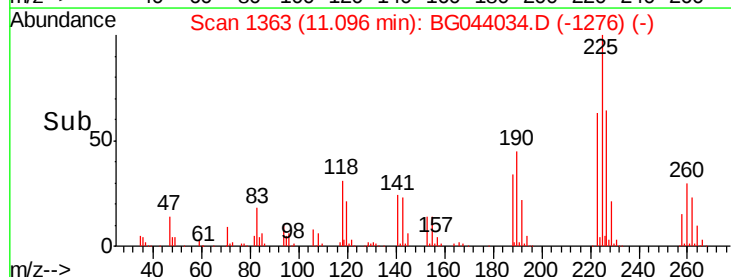
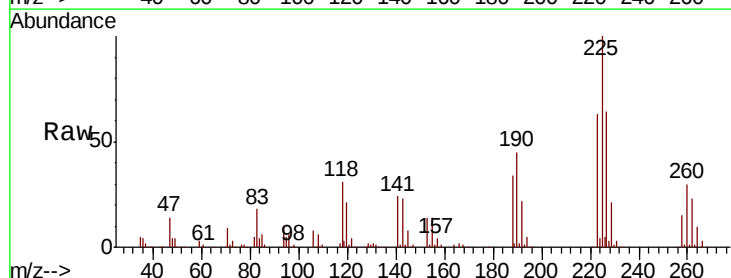
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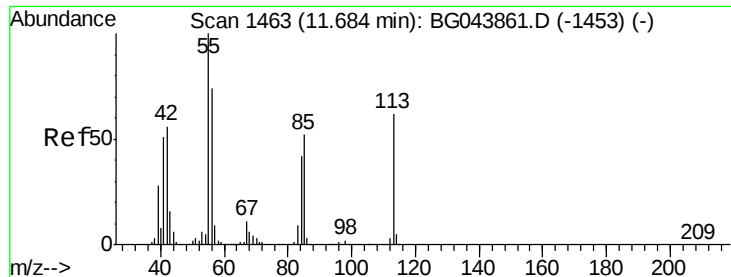
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#34
Hexachlorobutadiene
Concen: 35.055 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.2	78.4
227	64.1	52.1	78.1





#35

Caprolactam

Concen: 29.039 ng/mL

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

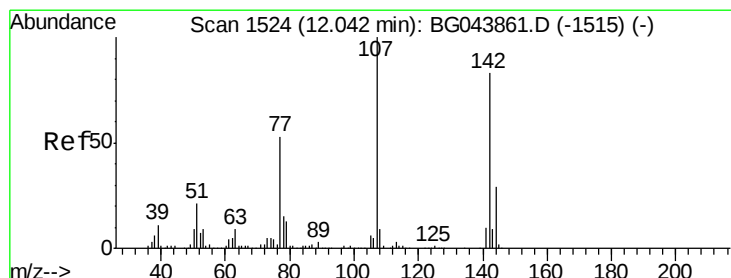
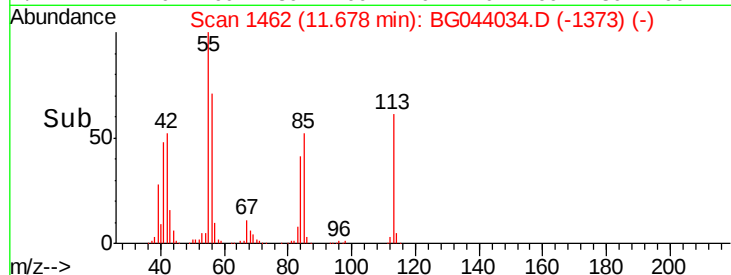
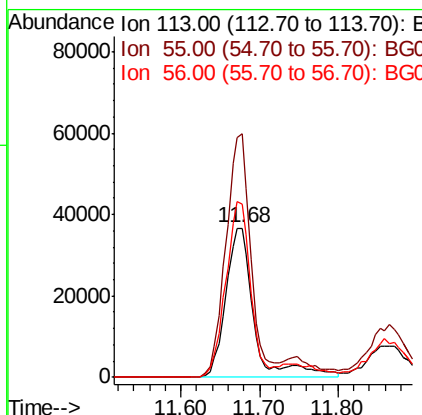
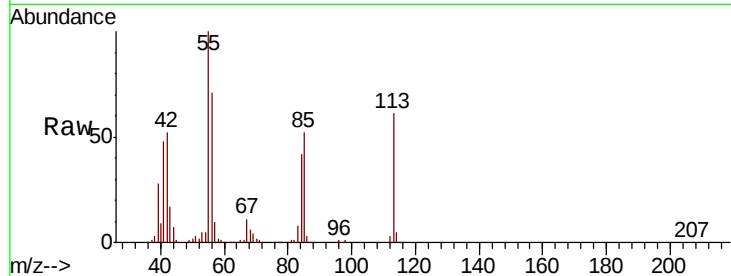
ClientSampleID :

PB126078BS

Tot Ion:	113	Resp:	91575
Ion Ratio	Lower	Upper	
113	100		
55	162.8	142.5	182.5
56	116.1	101.4	141.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 38.362 ng/mL

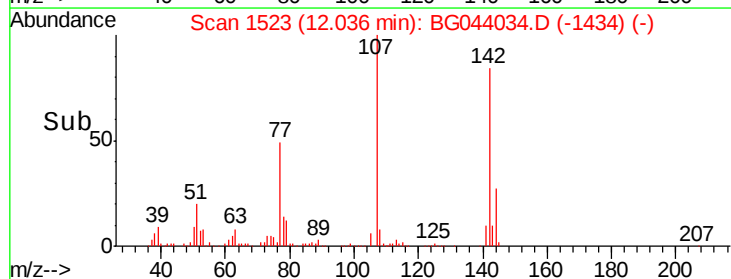
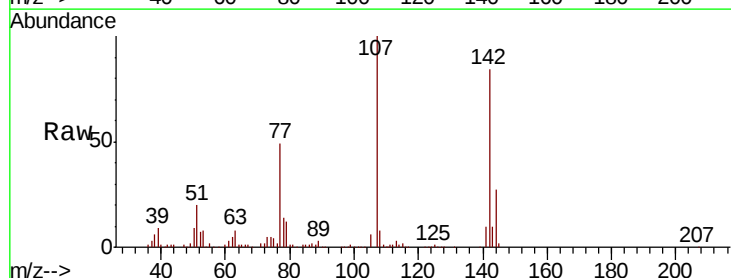
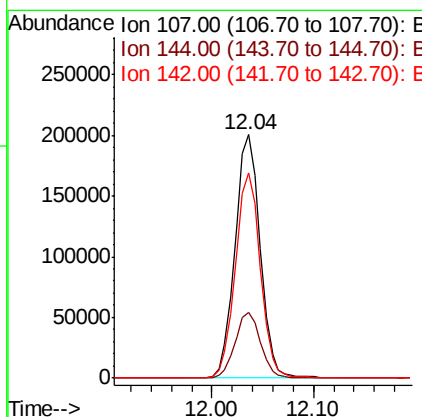
RT: 12.04 min Scan# 1523

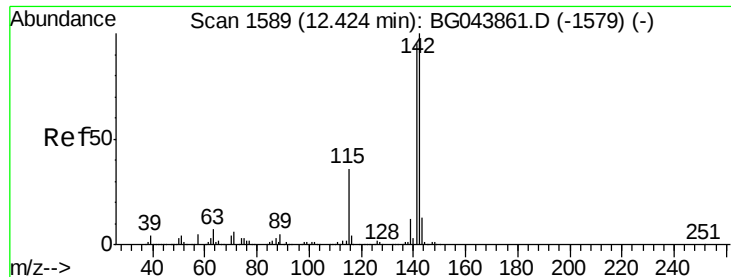
Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:	107	Resp:	345949
Ion Ratio	Lower	Upper	
107	100		
144	26.8	23.4	35.2
142	84.3	66.3	99.5





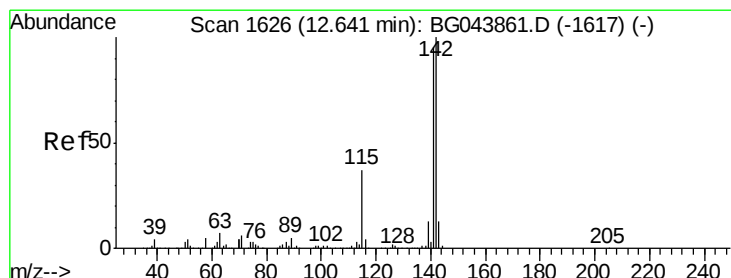
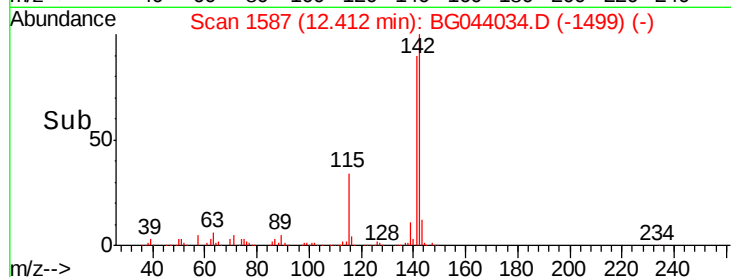
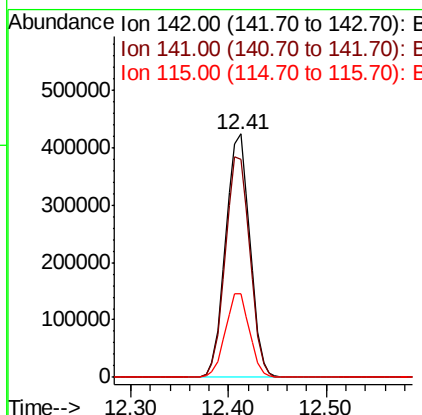
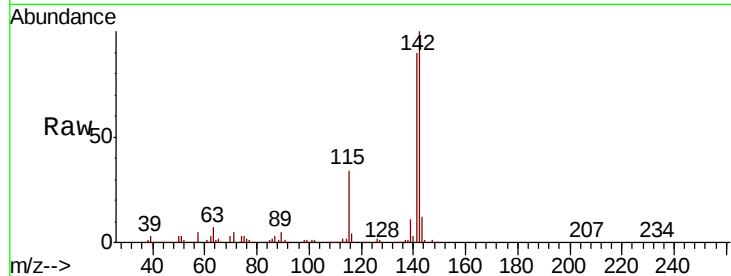
#37
 2-Methylnaphthalene
 Concen: 37.311 ng
 RT: 12.41 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.8	113.8
115	34.3	28.6	42.8

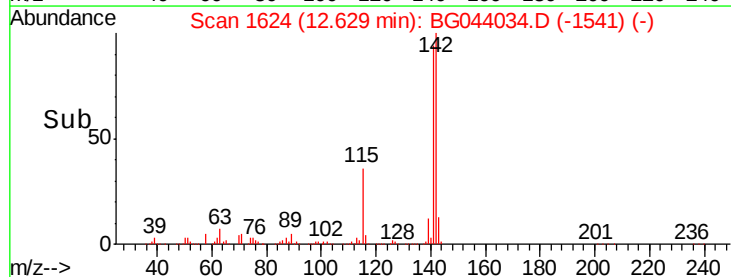
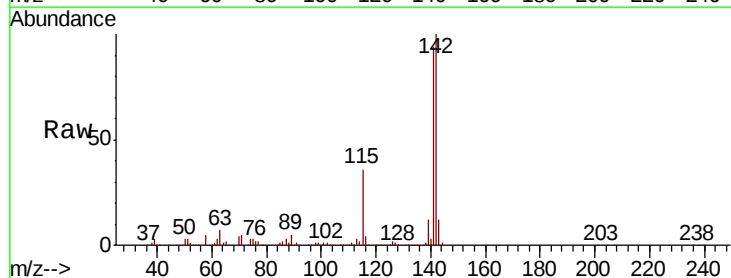
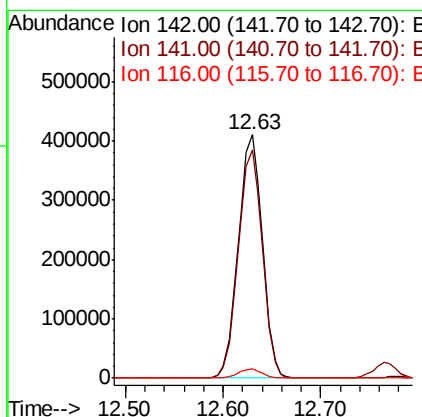
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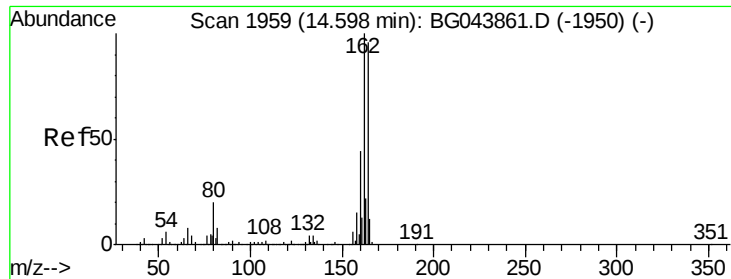
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#38
 1-Methylnaphthalene
 Concen: 37.610 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.0	114.0
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

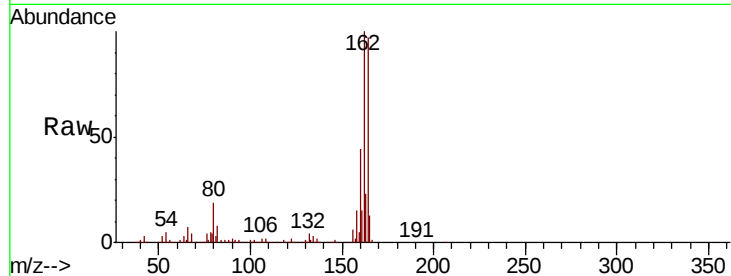
ClientSampleId :

PB126078BS

Tot Ion	164	Resp	338022
Ion Ratio	Lower	Upper	
164	100		
162	103.1	83.0	124.4
160	45.4	36.1	54.1

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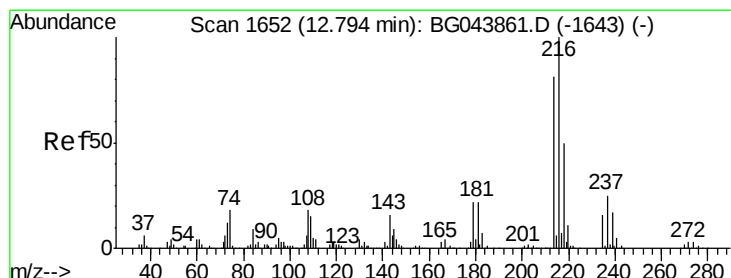
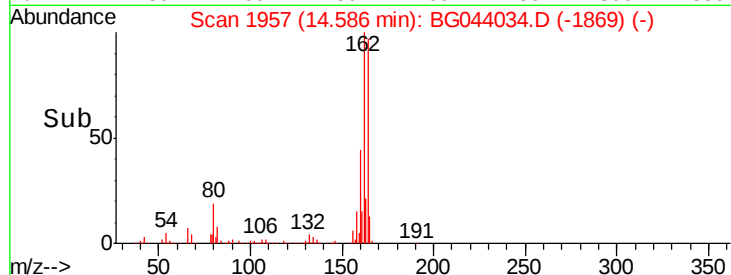
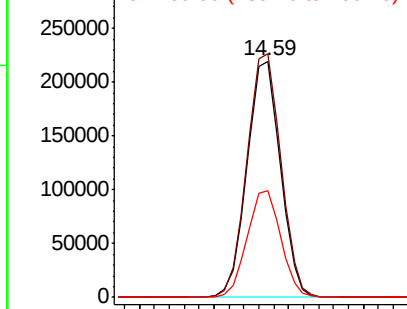


Abundance

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: 35.832 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion	216	Resp	355004
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.8
179	21.7	17.3	25.9
108	18.9	15.3	22.9

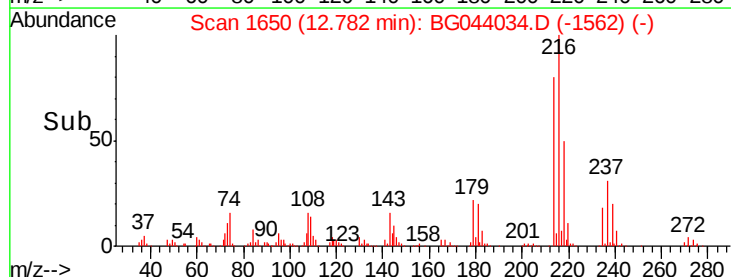
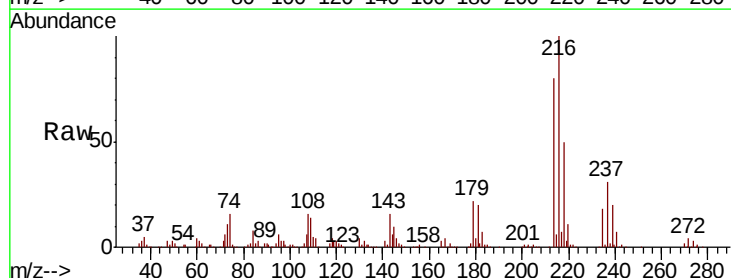
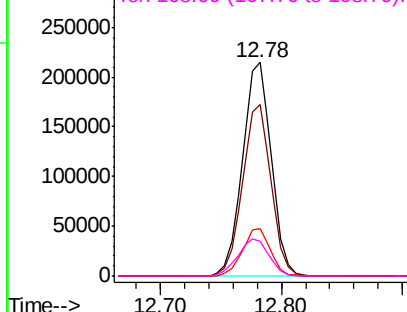
Abundance

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: 66.306 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

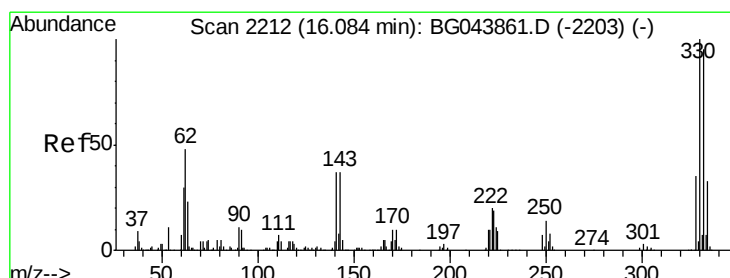
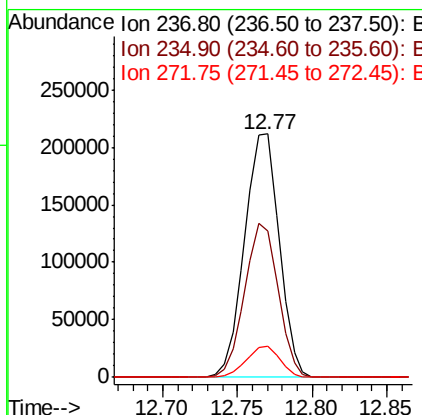
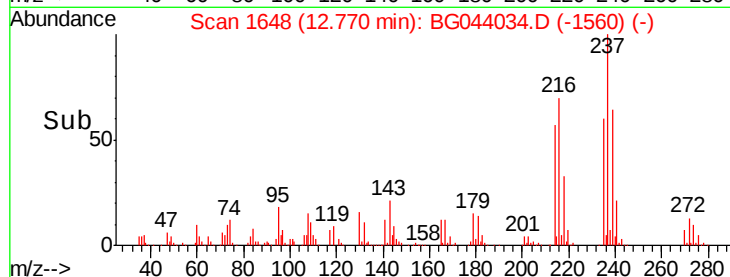
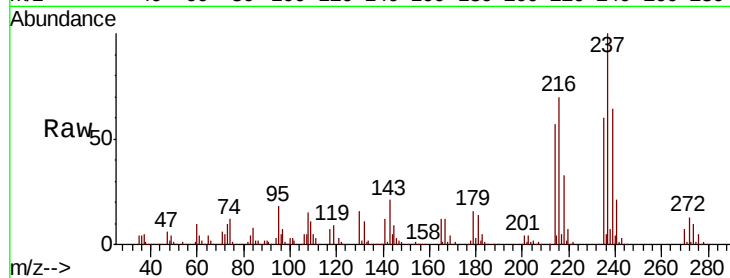
ClientSampleId :

PB126078BS

Tot Ion:	237	Resp:	340574
Ion Ratio	Lower	Upper	
237	100		
235	60.3	41.1	81.1
272	13.0	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 113.047 ng

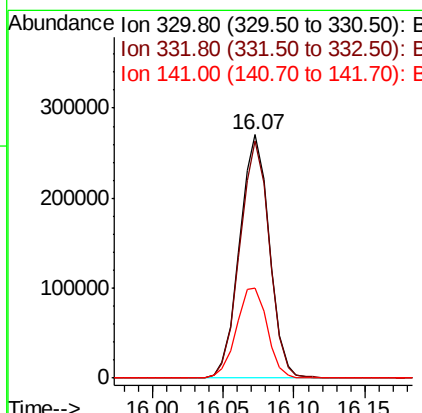
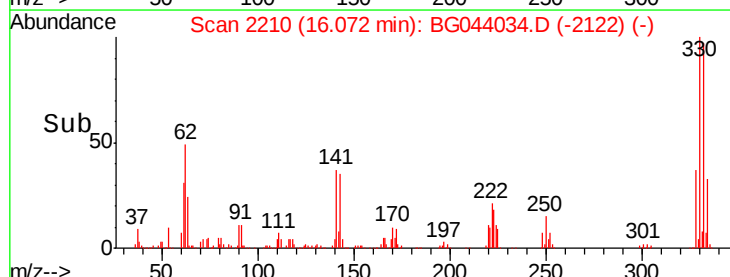
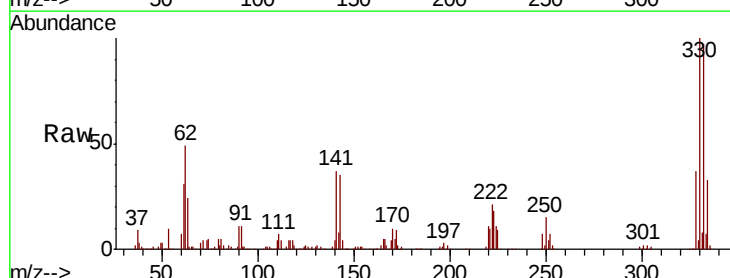
RT: 16.07 min Scan# 2210

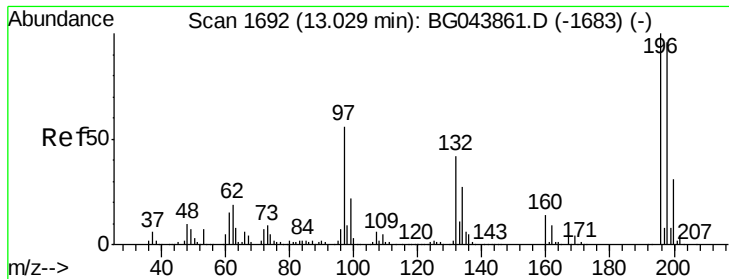
Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:	330	Resp:	399883
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.2	115.8
141	38.6	33.1	49.7





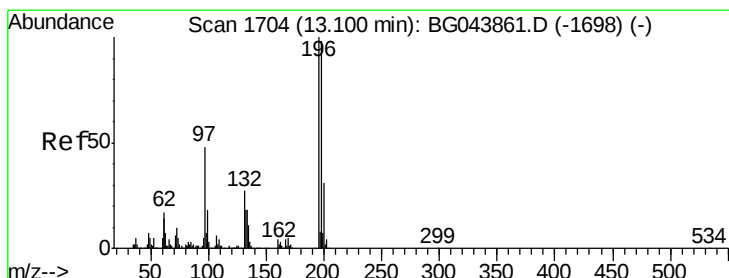
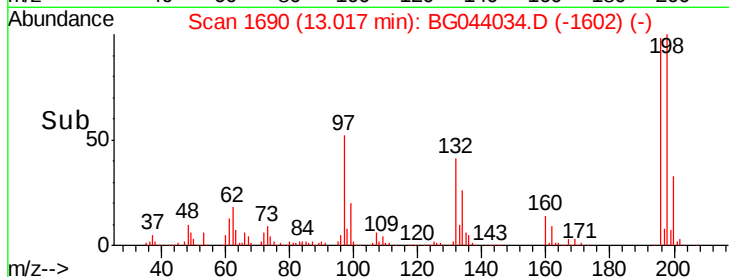
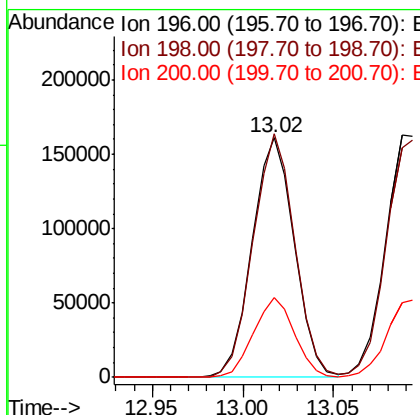
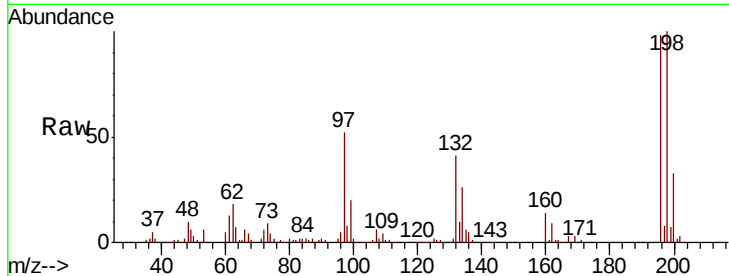
#43
 2,4,6-Trichlorophenol
 Concen: 38.168 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.7	76.6	115.0
200	33.3	24.6	37.0

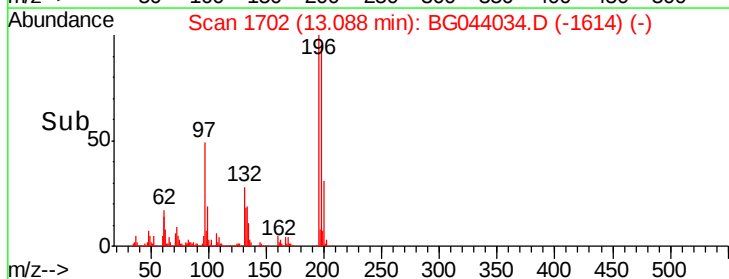
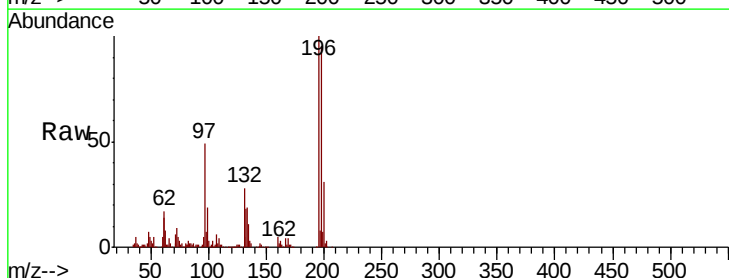
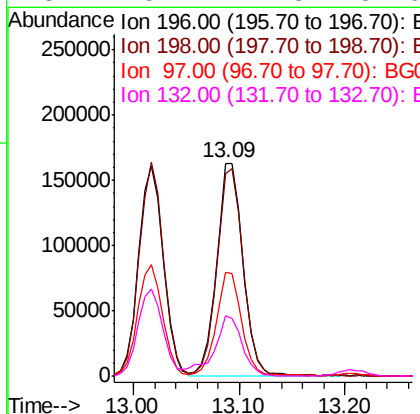
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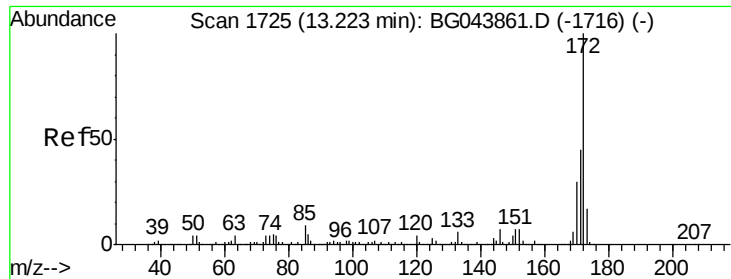
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#44
 2,4,5-Trichlorophenol
 Concen: 40.107 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	78.3	117.5
97	48.7	38.8	58.2
132	28.4	21.3	31.9





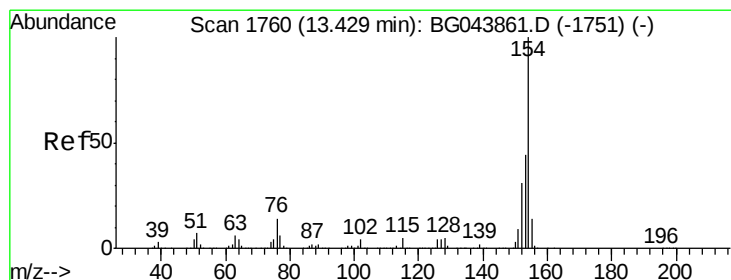
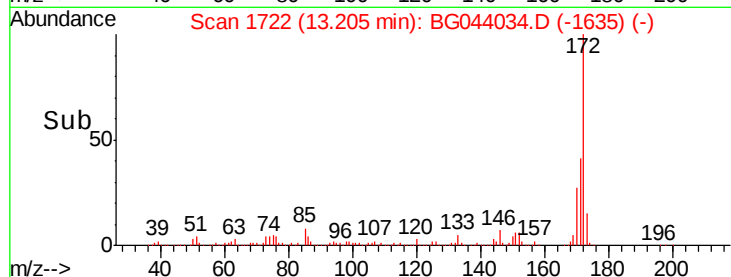
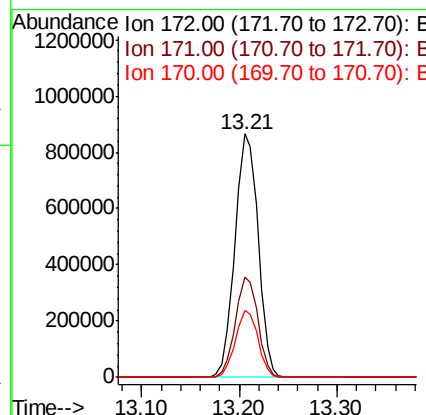
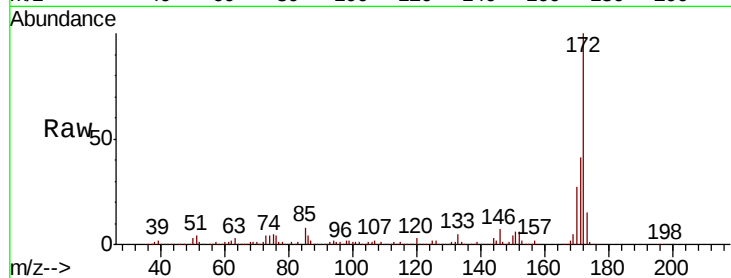
#45
2-Fluorobiphenyl
Concen: 76.523 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.2	35.8	53.8
170	27.5	24.2	36.4

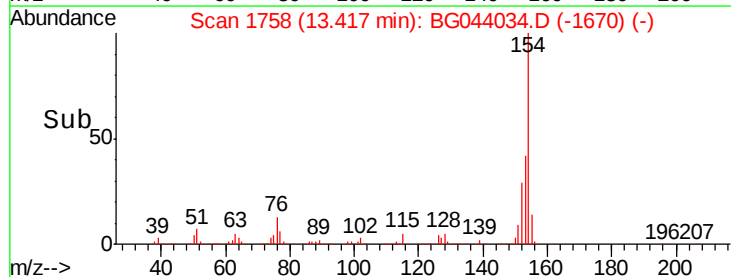
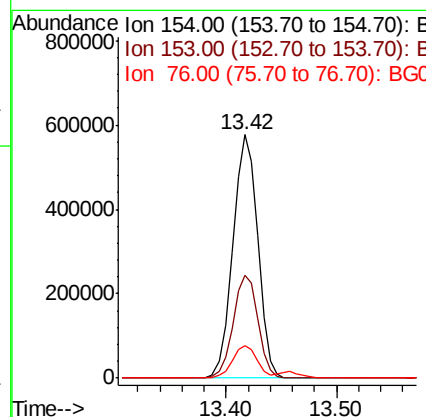
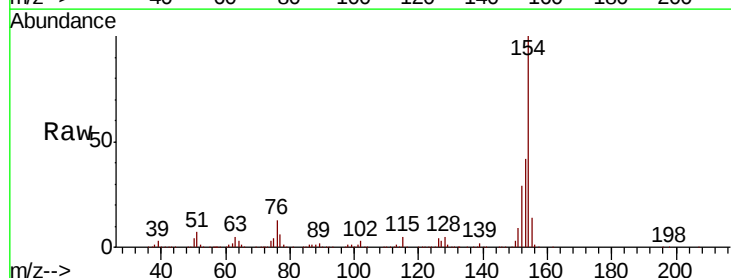
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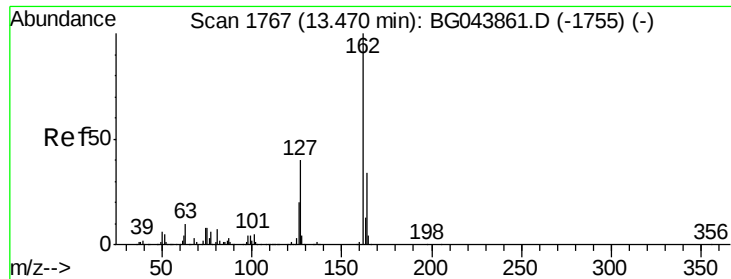
mohammad
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#46
1,1'-Biphenyl
Concen: 37.543 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.6	63.6
76	13.3	0.0	34.4





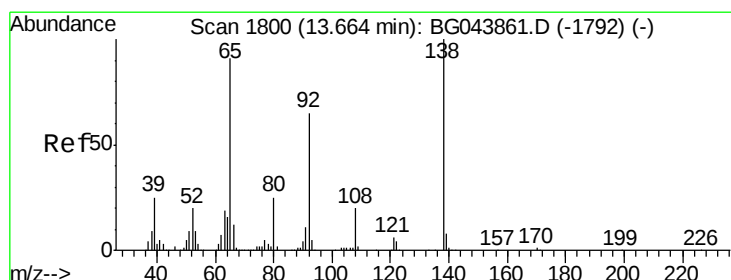
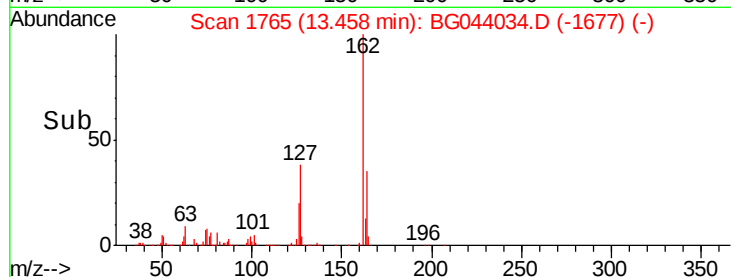
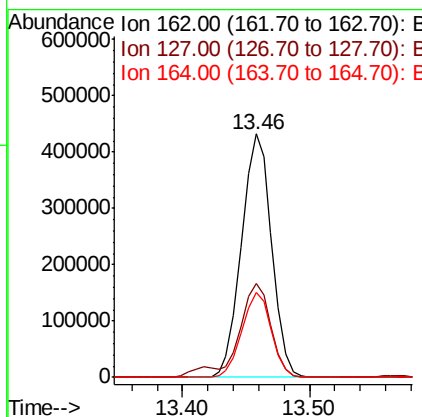
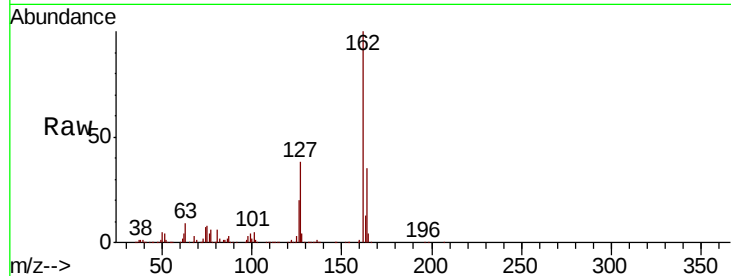
#47
 2-Chloronaphthalene
 Concen: 36.216 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.4	32.1	48.1
164	34.9	27.5	41.3

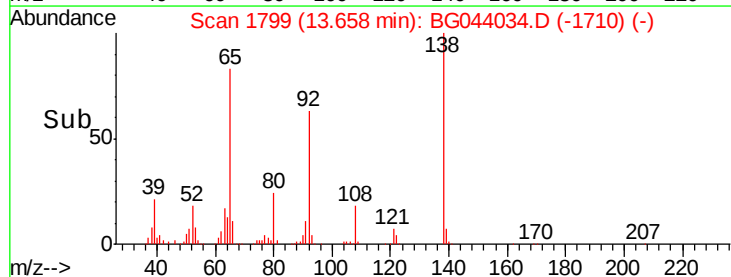
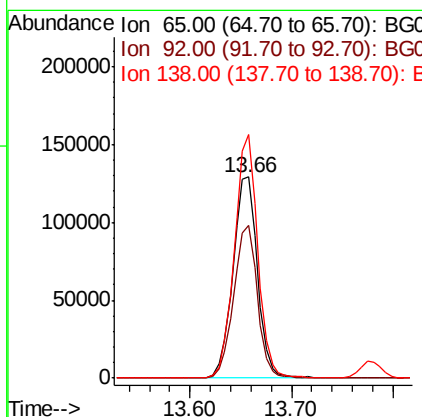
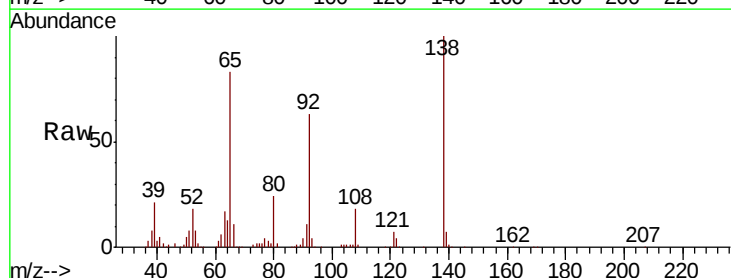
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#48
 2-Nitroaniline
 Concen: 34.401 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	75.9	57.4	86.2
138	121.0	88.2	132.4





#49

Acenaphthylene

Concen: 39.179 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB126078BS

Tot Ion:152 Resp: 1102810

Ion Ratio Lower Upper

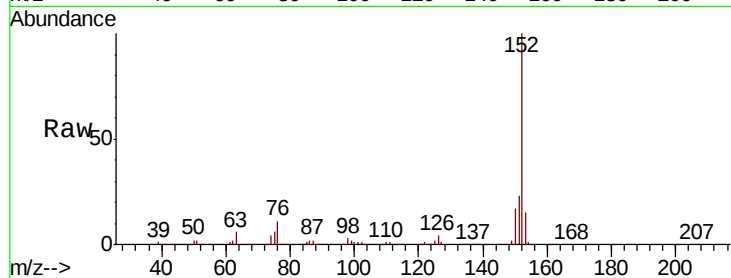
152 100

151 22.9 19.4 29.2

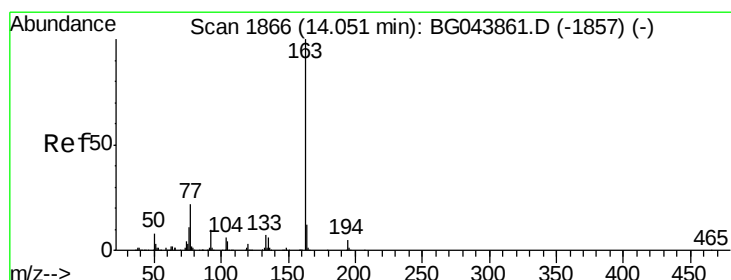
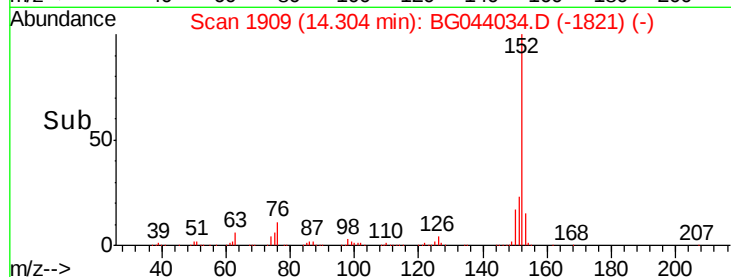
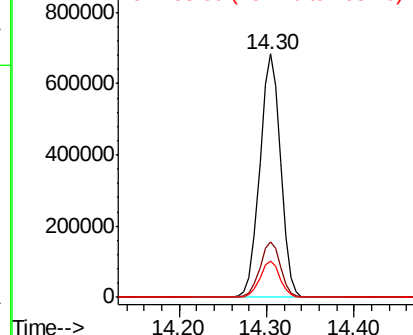
153 15.1 12.0 18.0

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



#50

Dimethylphthalate

Concen: 36.871 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

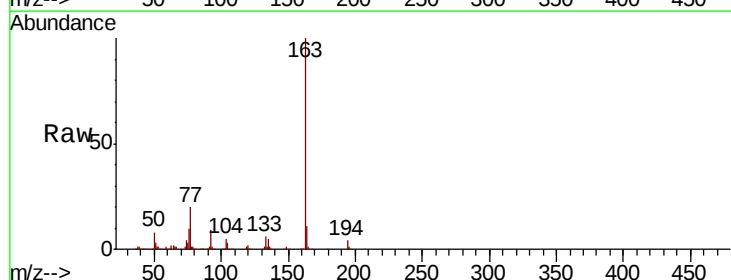
Tgt Ion:163 Resp: 884946

Ion Ratio Lower Upper

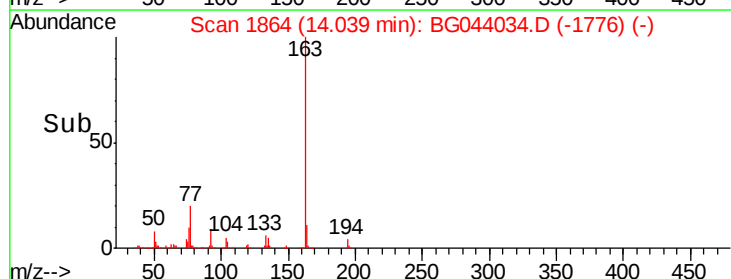
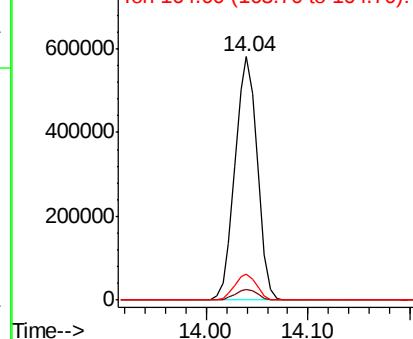
163 100

194 4.3 3.7 5.5

164 10.9 9.3 13.9



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





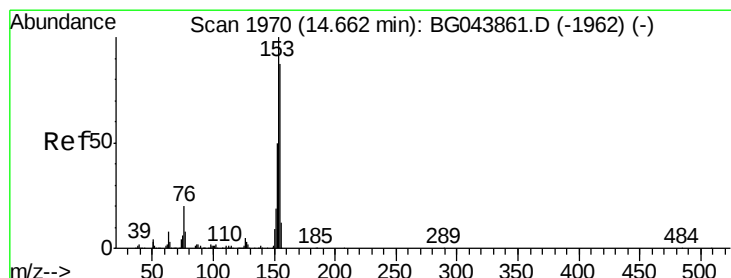
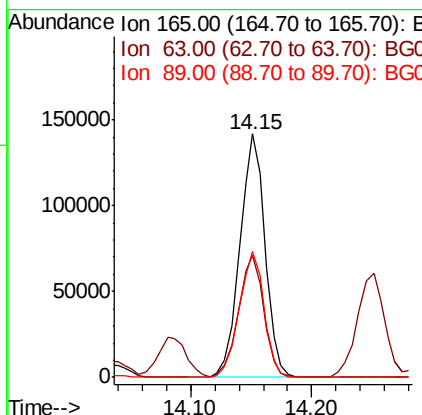
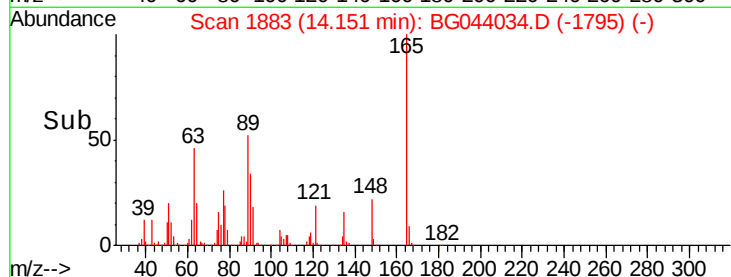
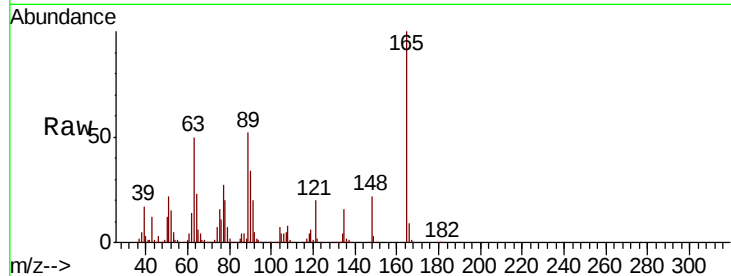
#51
2,6-Dinitrotoluene
Concen: 37.892 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	205557		
63	49.9		43.1	64.7
89	51.9		43.8	65.6

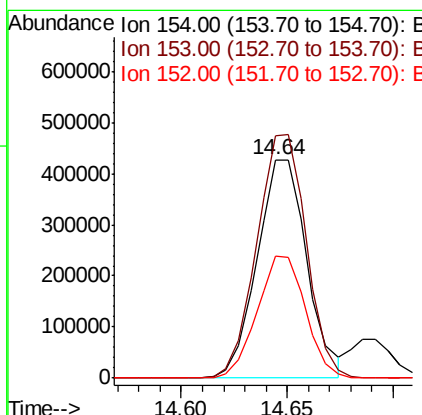
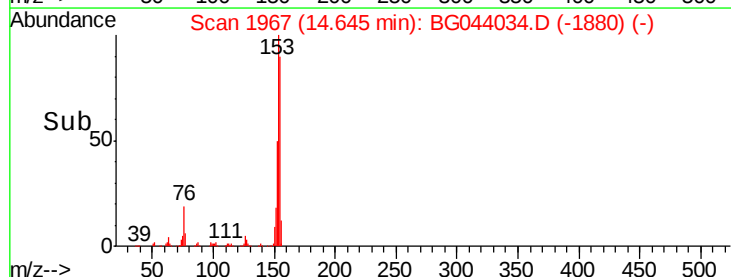
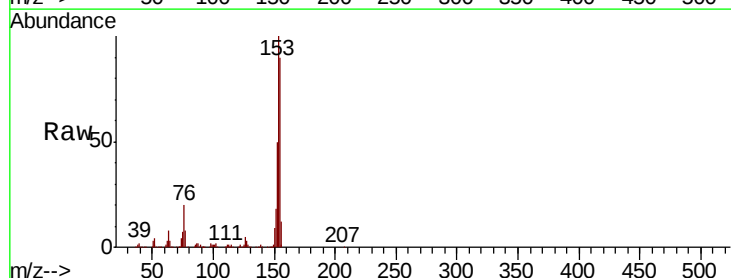
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#52
Acenaphthene
Concen: 35.417 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	699121		
153	111.0		91.6	137.4
152	56.0		45.4	68.0





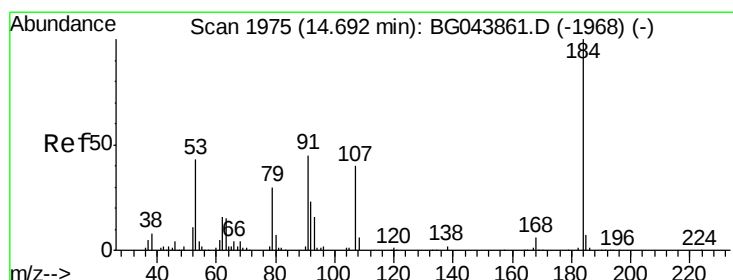
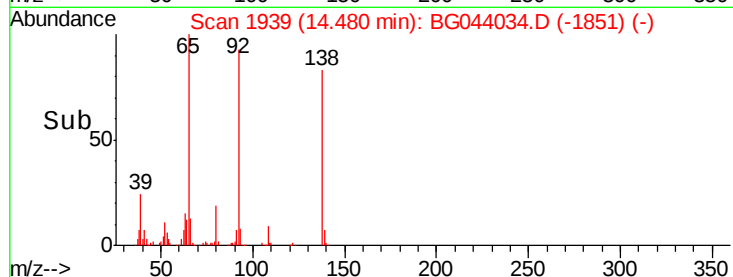
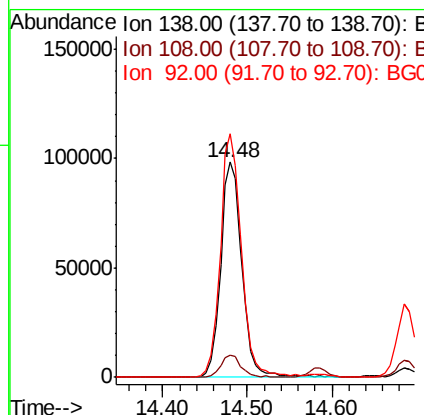
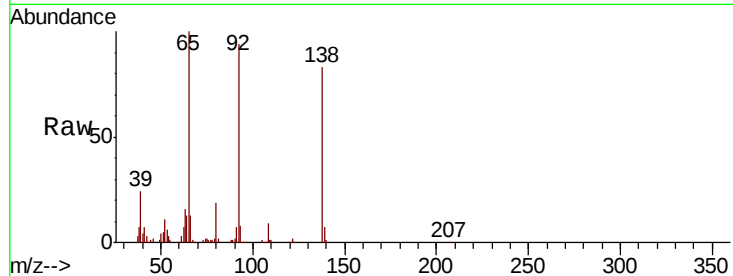
#53
3-Nitroaniline
Concen: 28.042 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.4	11.2
92	113.1	92.1	138.1

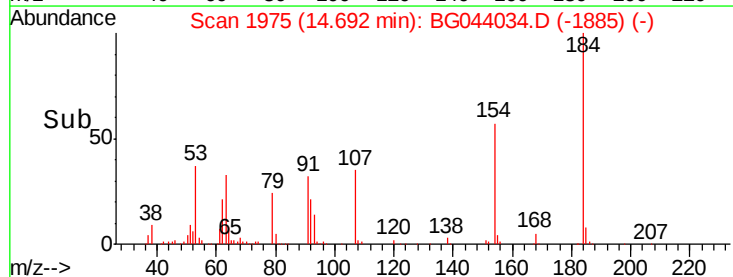
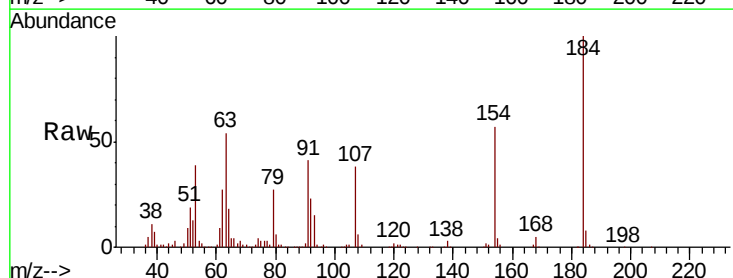
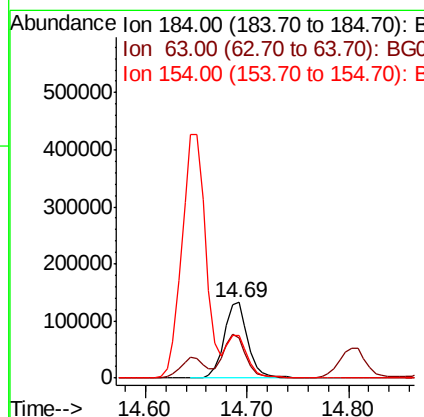
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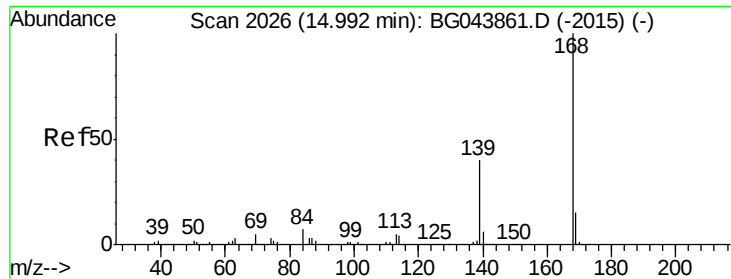
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#54
2,4-Dinitrophenol
Concen: 78.150 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.1	46.6	70.0
154	57.3	50.2	75.4





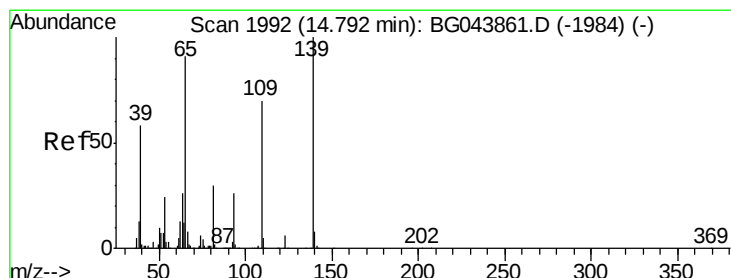
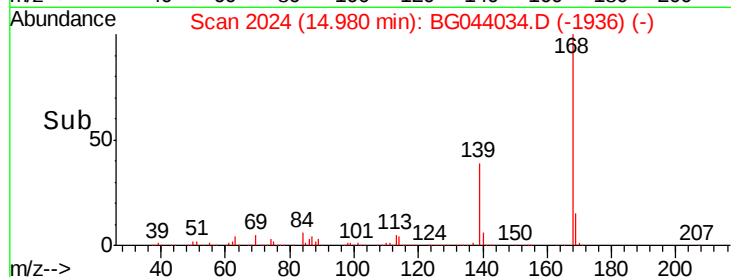
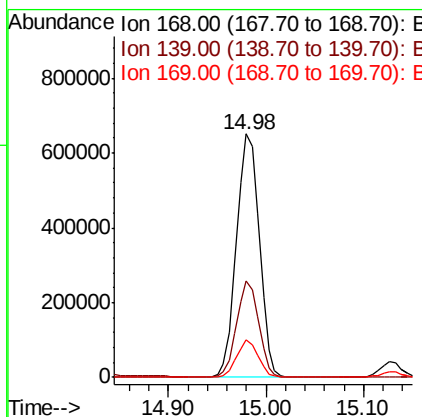
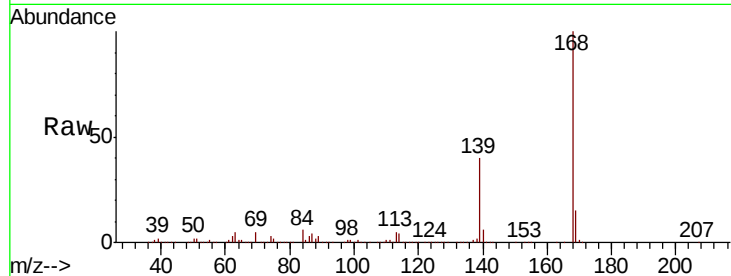
#55
Dibenzofuran
Concen: 39.049 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.2	48.2
169	15.2	12.2	18.2

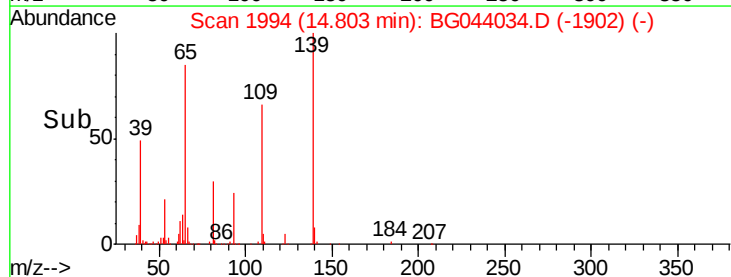
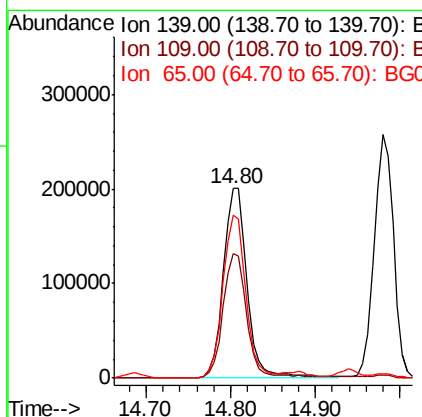
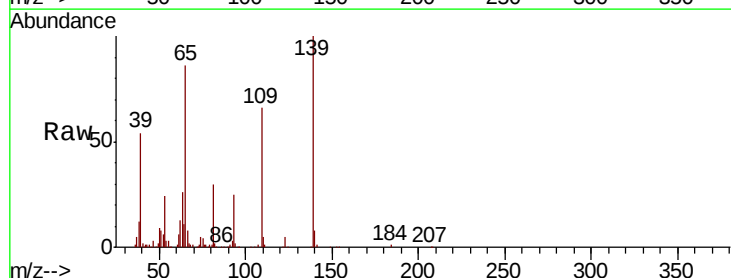
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#56
4-Nitrophenol
Concen: 83.117 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.6	50.4	90.4
65	85.7	71.4	111.4





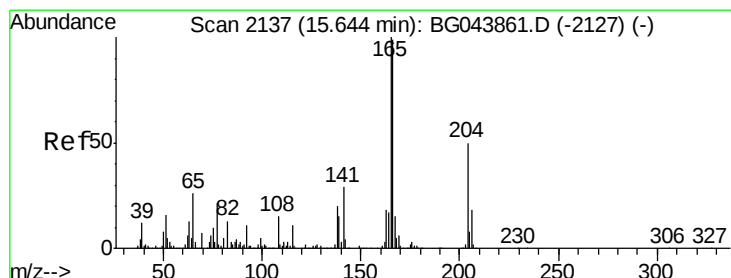
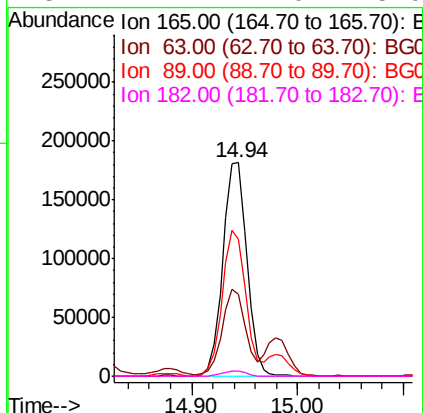
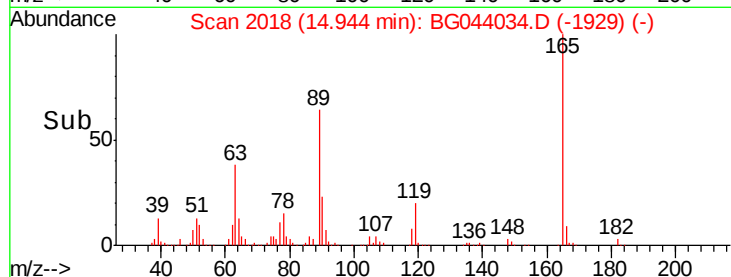
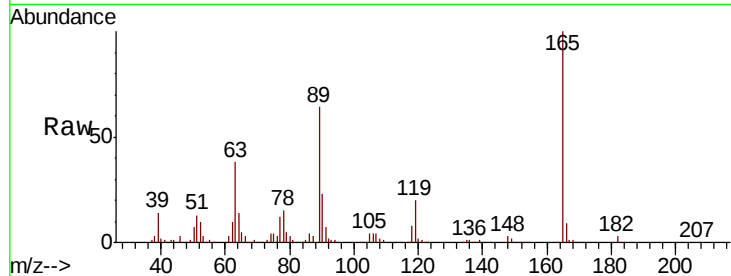
#57
2,4-Dinitrotoluene
Concen: 38.827 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		286599		
63	38.2	31.9	47.9		
89	64.0	53.8	80.6		
182	2.7	2.0	3.0		

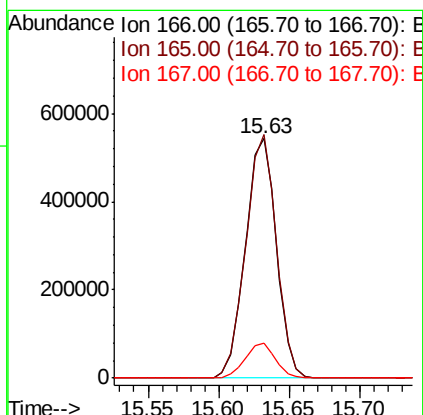
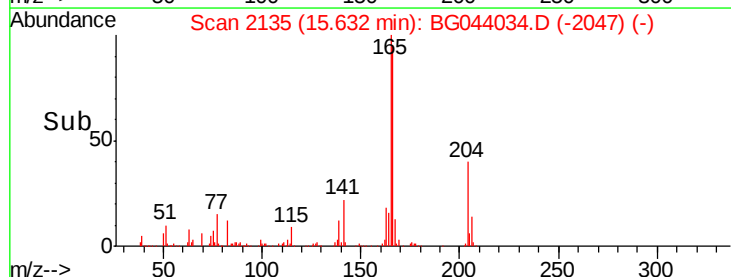
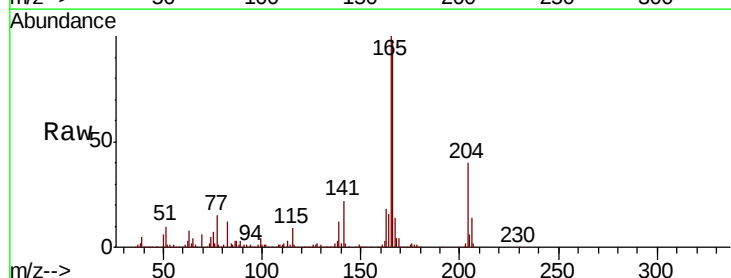
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#58
Fluorene
Concen: 38.903 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		837891		
165	101.7	80.8	121.2		
167	14.7	12.1	18.1		





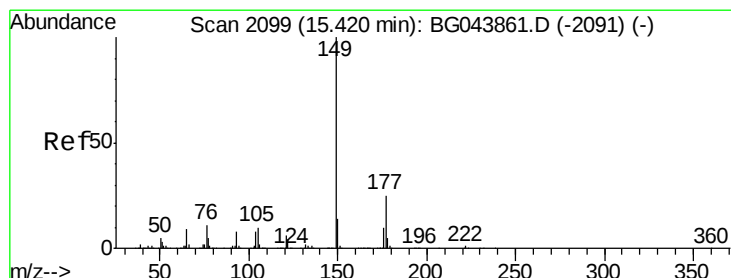
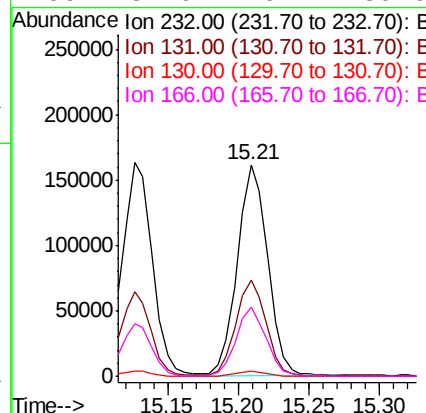
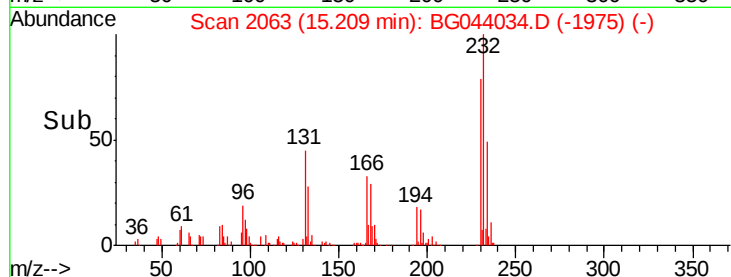
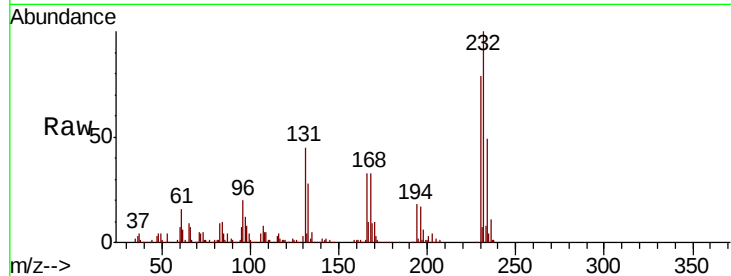
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.079 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	242312		
131	44.3	38.2	57.2	
130	2.5	2.2	3.2	
166	31.9	26.4	39.6	

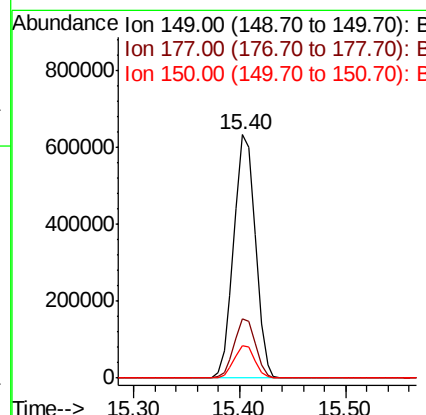
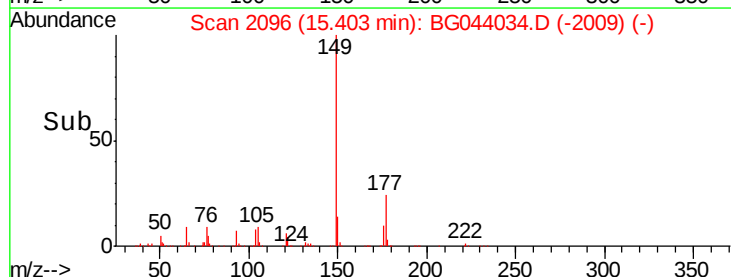
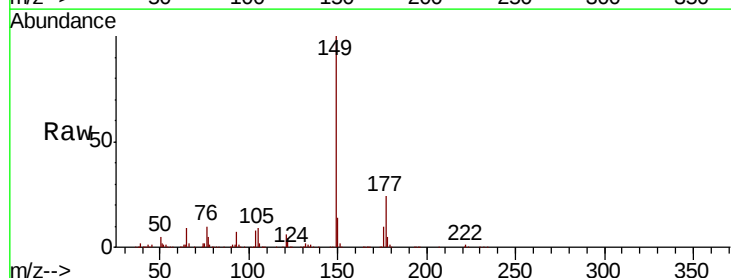
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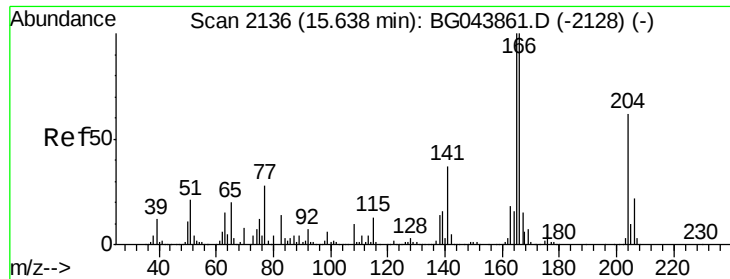
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#60
Diethylphthalate
Concen: 37.212 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	893290		
177	24.2	20.0	30.0	
150	13.6	11.1	16.7	





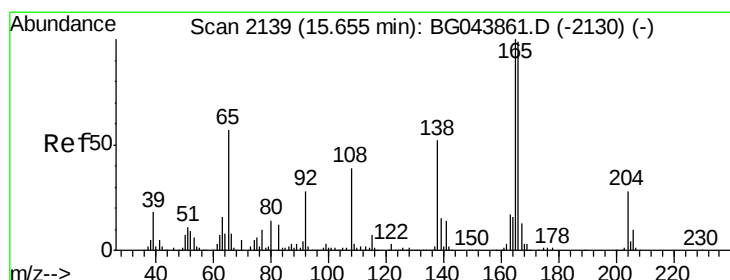
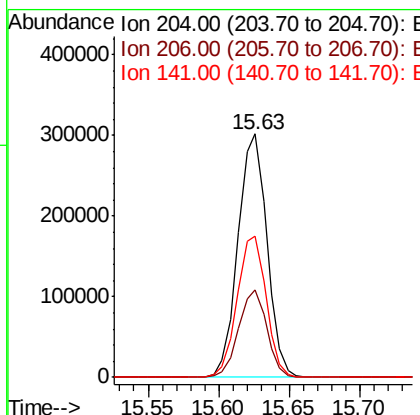
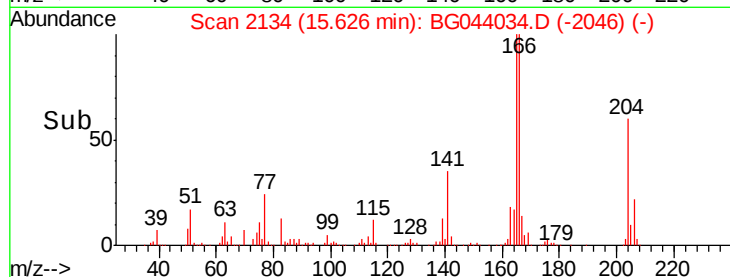
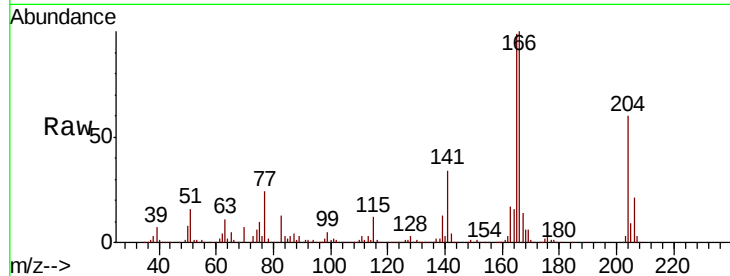
#61
4-Chlorophenyl-phenylether
Concen: 36.994 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.2	42.2
141	57.8	48.2	72.2

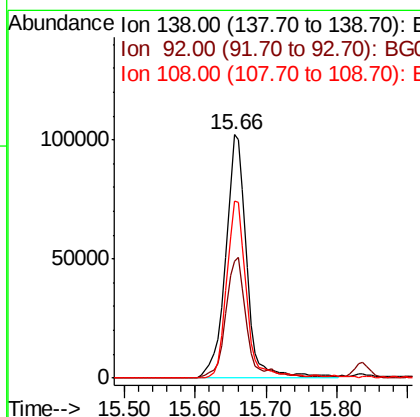
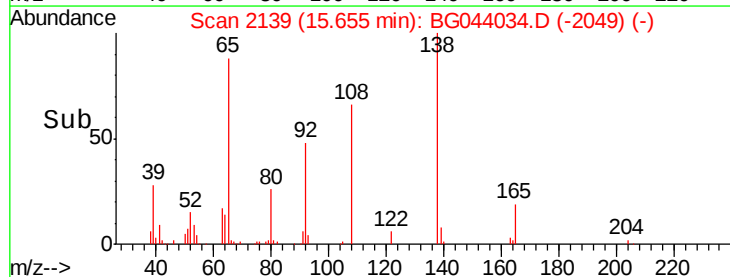
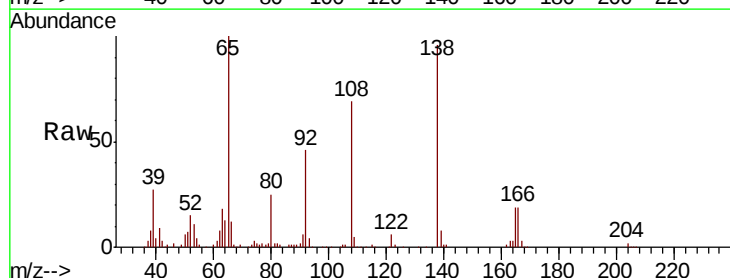
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#62
4-Nitroaniline
Concen: 34.715 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	34.3	74.3
108	72.5	55.0	95.0





#63

Azobenzene

Concen: 37.093 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

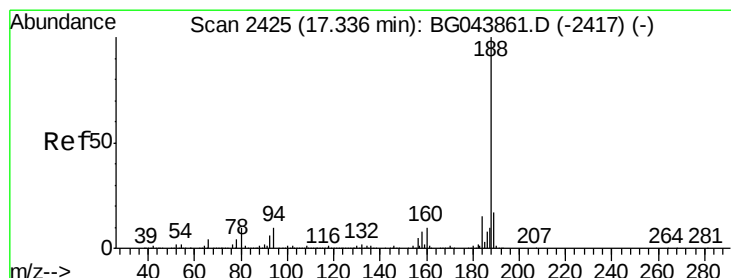
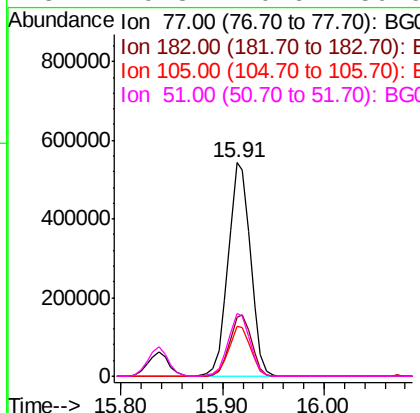
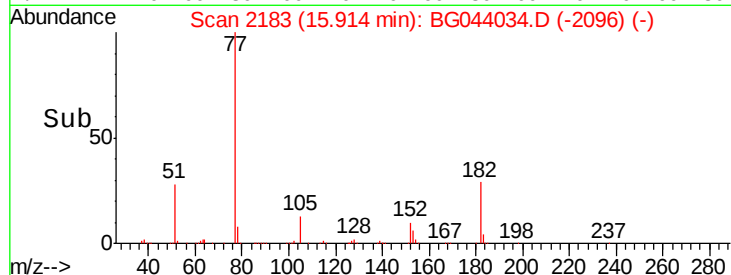
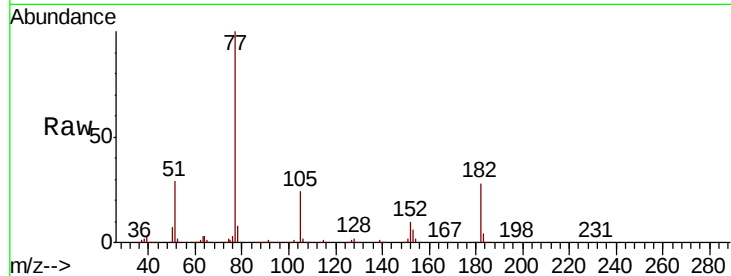
ClientSampleId :

PB126078BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.3	47.3
105	23.6	3.2	43.2
51	29.3	10.6	50.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

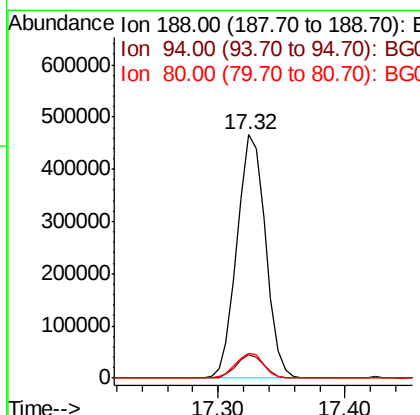
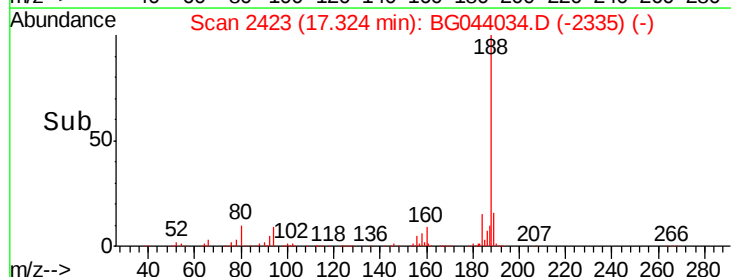
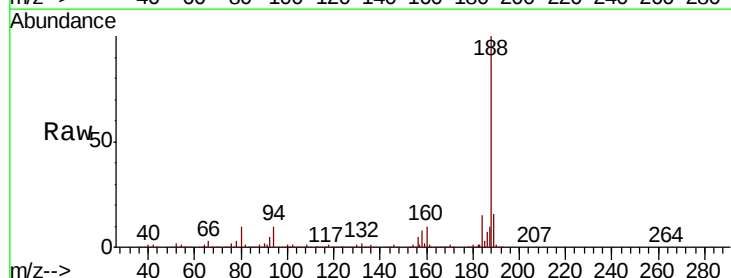
RT: 17.32 min Scan# 2423

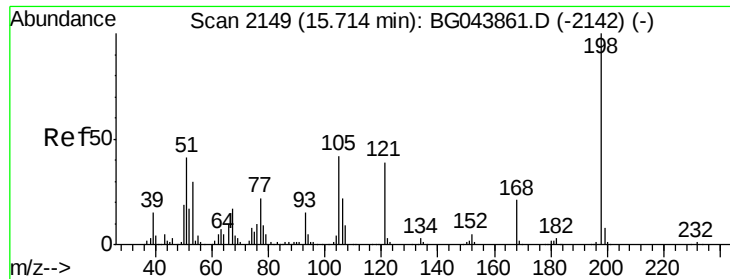
Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	10.3	8.2	12.4





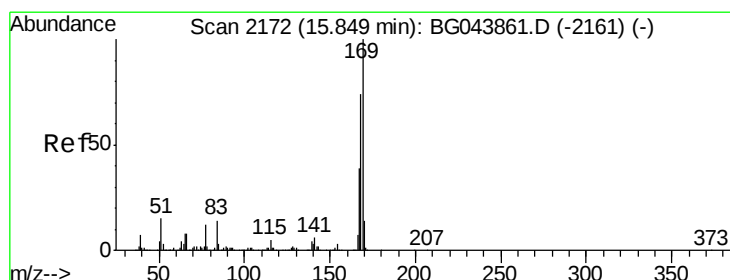
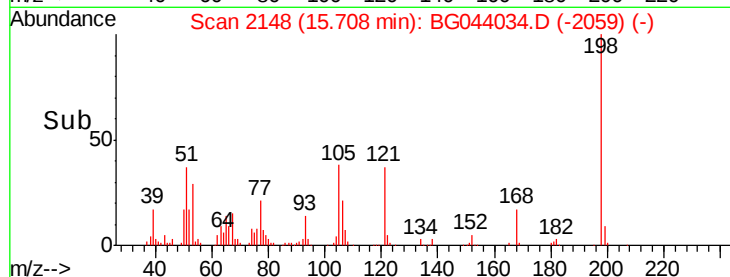
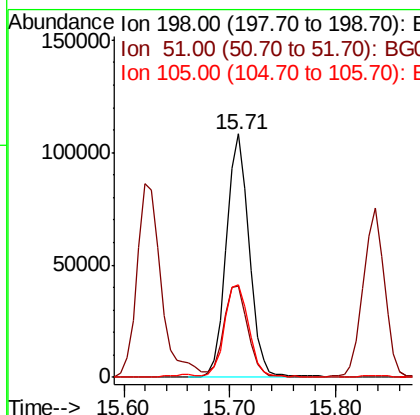
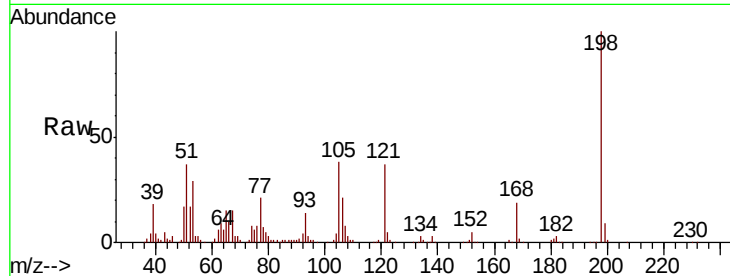
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.568 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	161604		
51	37.4	22.5	62.5	
105	38.1	22.3	62.3	

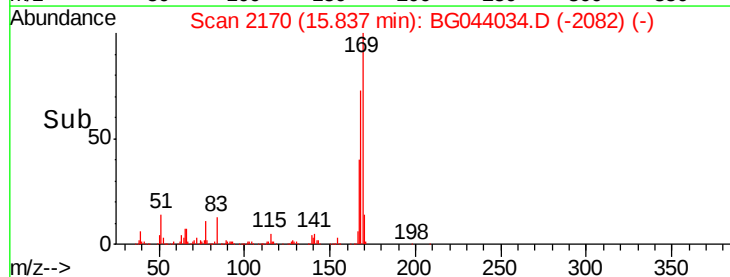
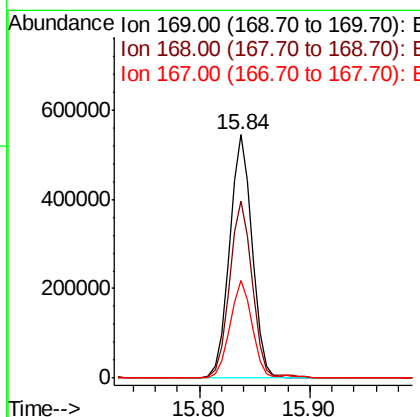
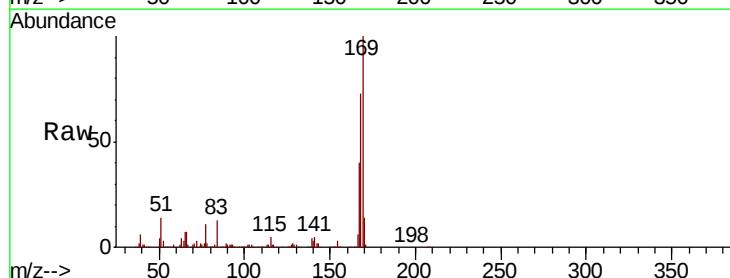
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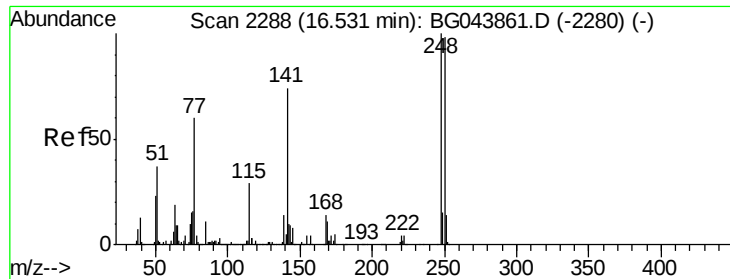
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#66
 n-Nitrosodiphenylamine
 Concen: 36.430 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	780332		
168	72.6	59.0	88.6	
167	40.1	31.4	47.0	





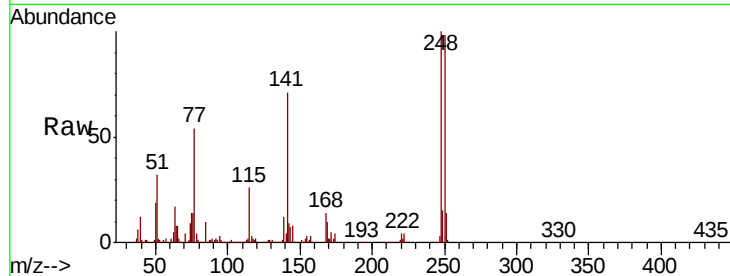
#67
4-Bromophenyl-phenylether
Concen: 34.780 ng
RT: 16.52 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampled :
PB126078BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.2	117.2
141	71.2	59.3	88.9

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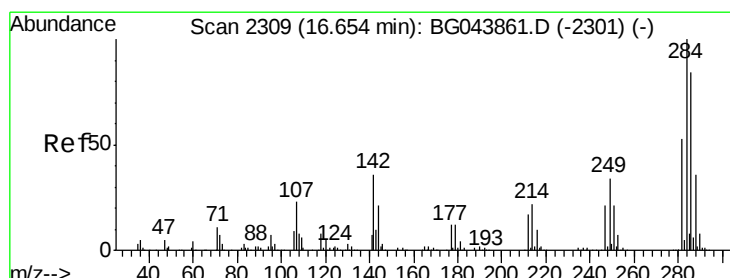
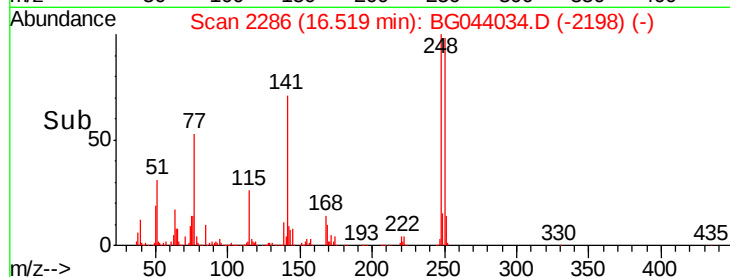
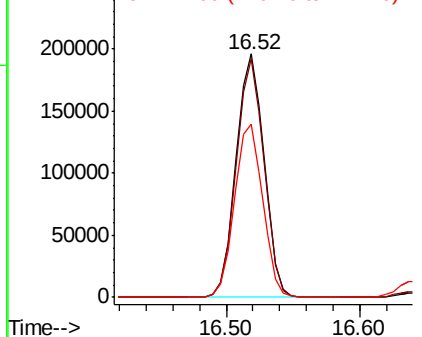


Abundance

Ion 248.00 (247.70 to 248.70): E

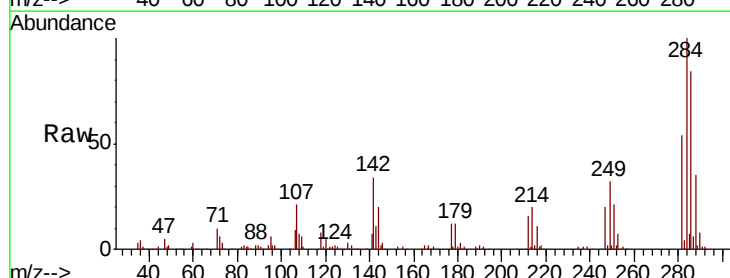
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.718 ng
RT: 16.64 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	28.6	43.0
249	31.9	27.0	40.6

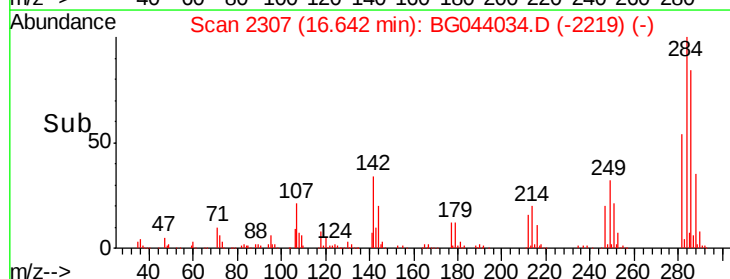
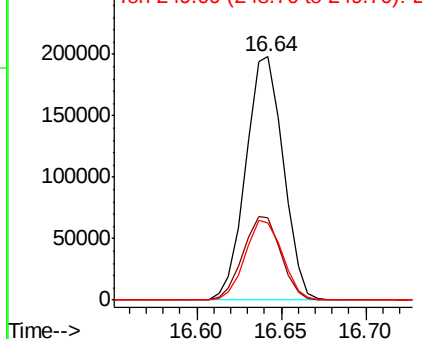


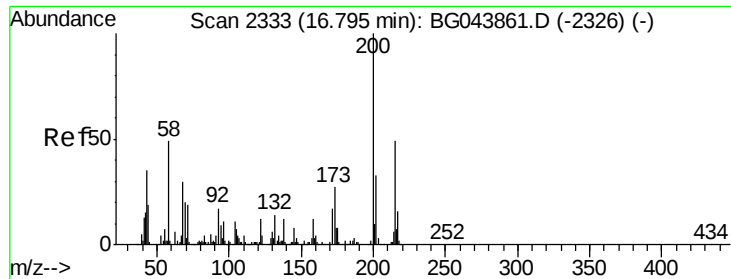
Abundance

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





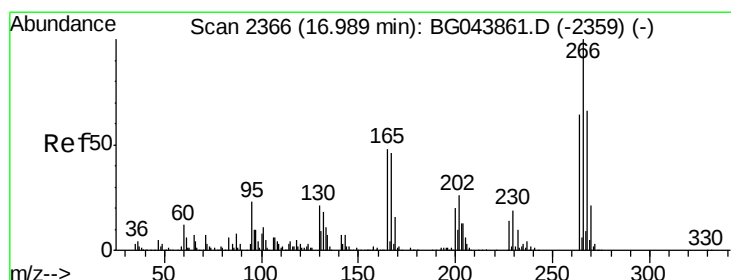
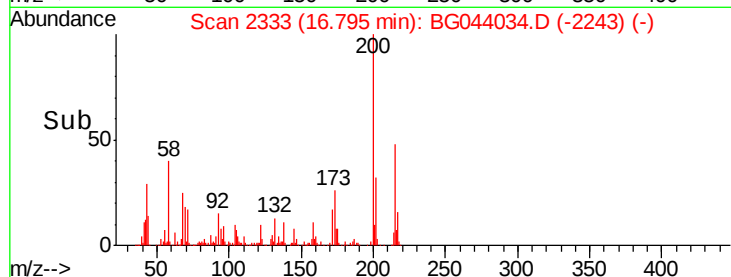
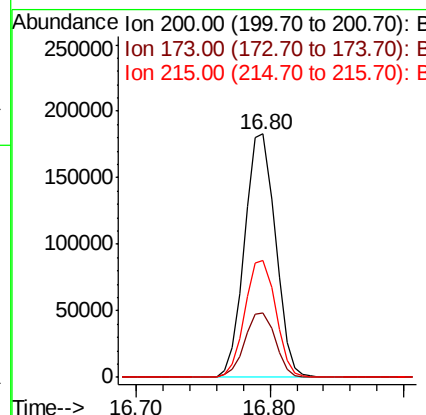
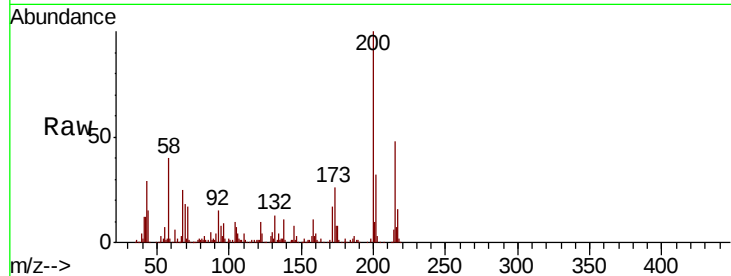
#69
Atrazine
Concen: 42.009 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	6.6	46.6
215	48.0	28.6	68.6

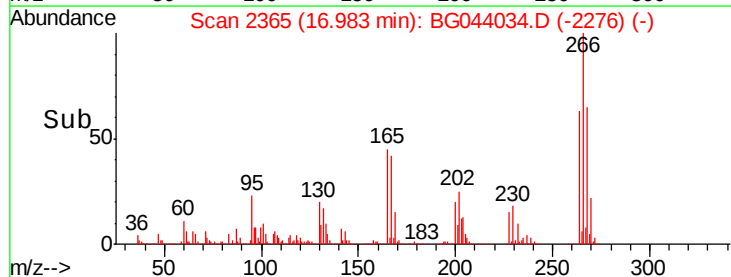
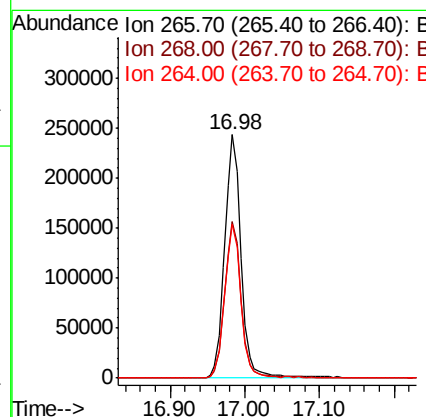
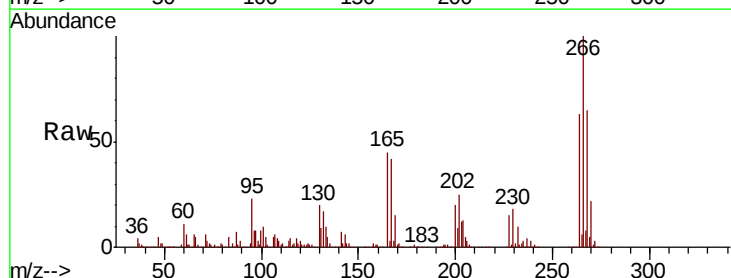
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#70
Pentachlorophenol
Concen: 76.920 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	52.6	79.0
264	63.0	50.8	76.2





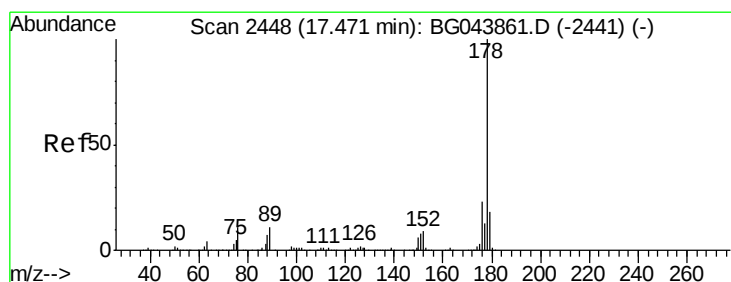
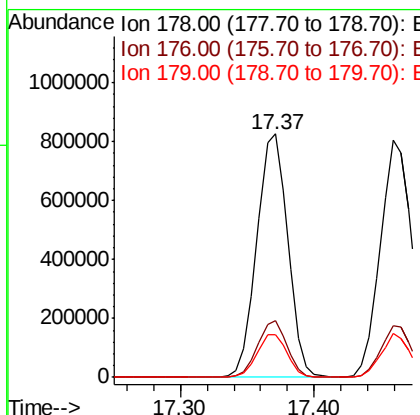
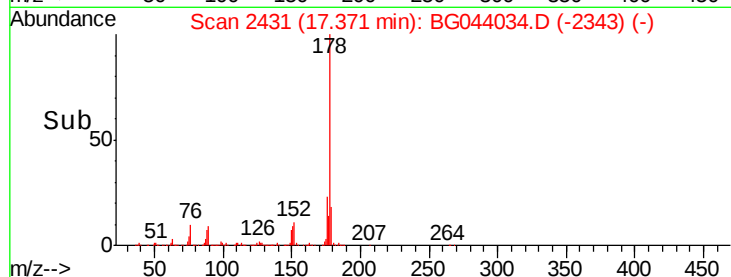
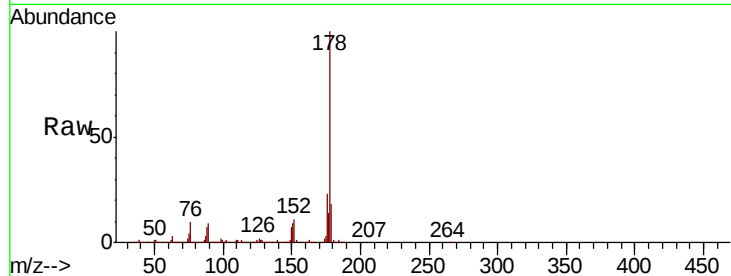
#71
Phenanthrene
Concen: 37.904 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion:178 Resp: 1322412
Ion Ratio Lower Upper
178 100
176 23.1 18.6 28.0
179 17.6 14.4 21.6

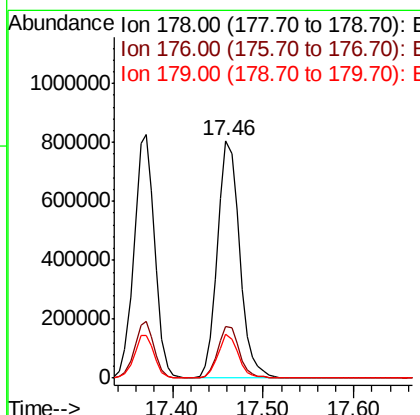
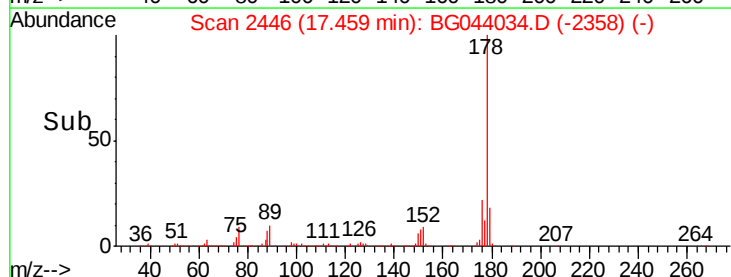
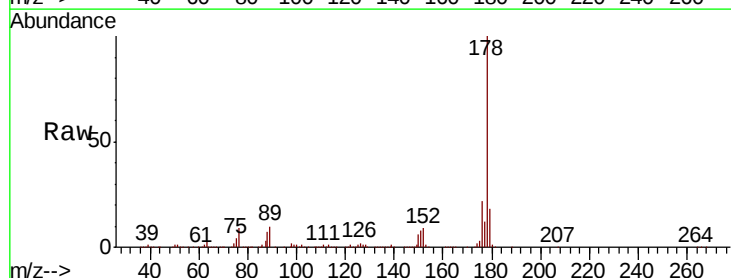
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#72
Anthracene
Concen: 39.601 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:178 Resp: 1365423
Ion Ratio Lower Upper
178 100
176 22.0 18.3 27.5
179 18.4 14.6 22.0





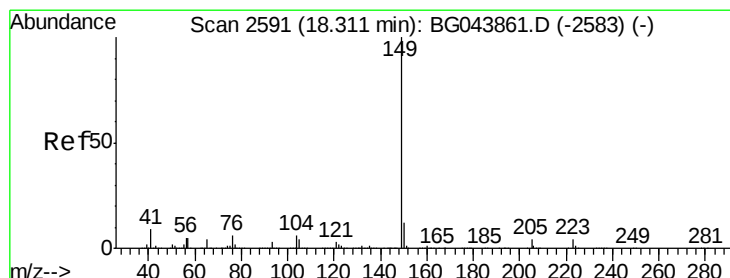
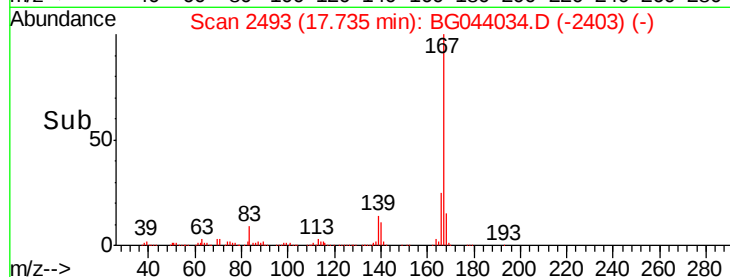
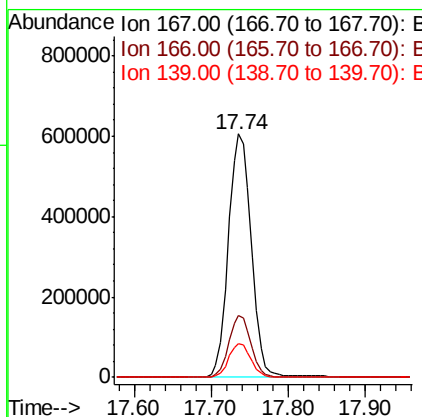
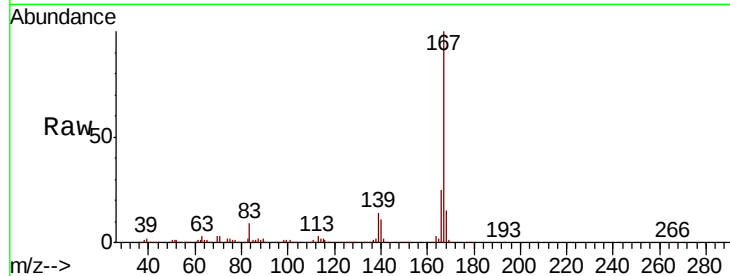
#73
 Carbazole
 Concen: 39.629 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	21.6	32.4
139	13.8	12.1	18.1

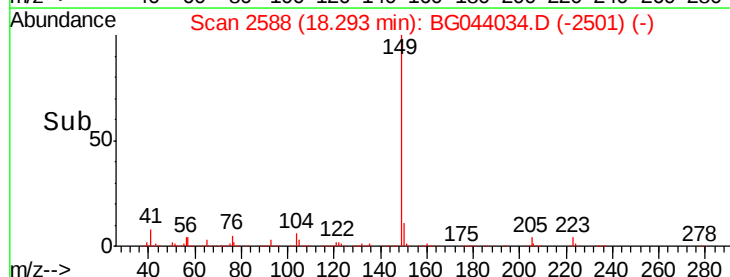
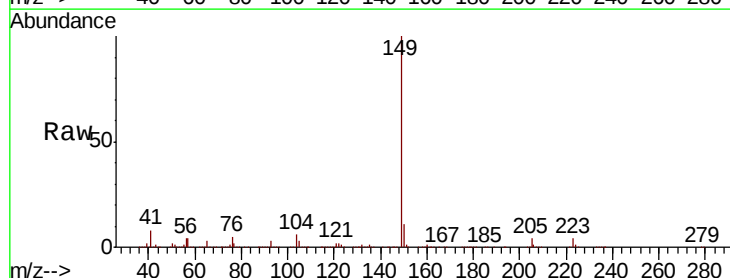
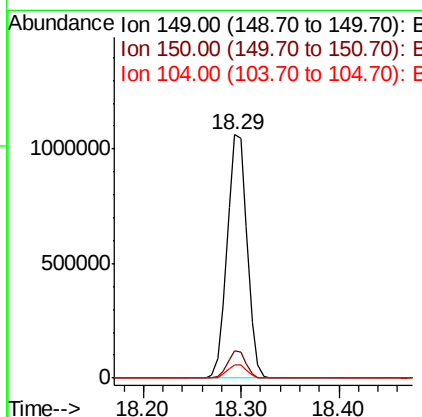
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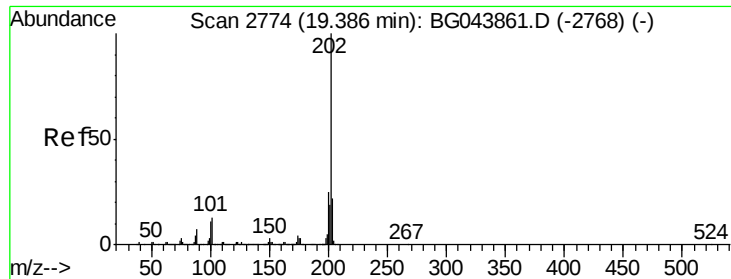
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#74
 Di-n-butylphthalate
 Concen: 36.881 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.02 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 38.183 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

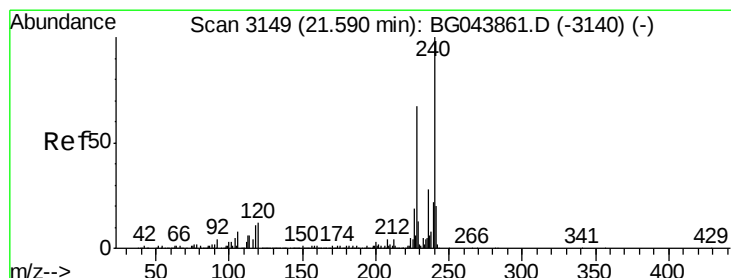
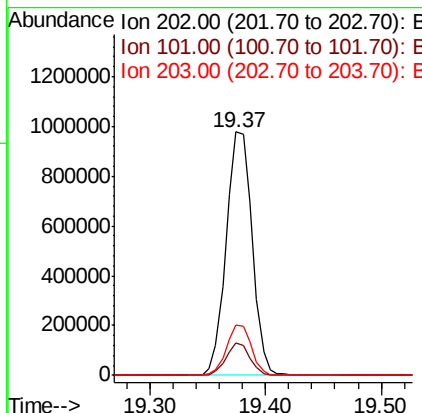
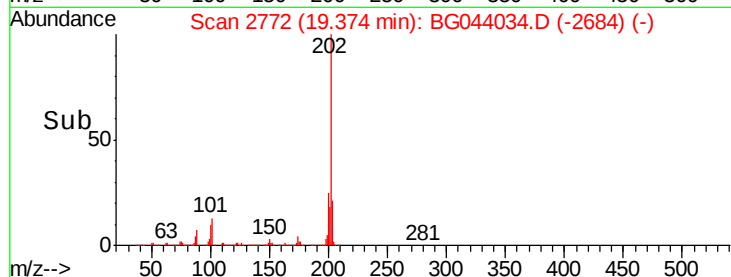
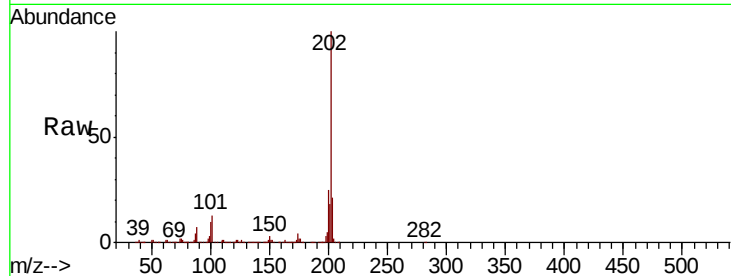
ClientSampleId :

PB126078BS

Tot Ion:	202	Resp:	1523463
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.3
203	20.5	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

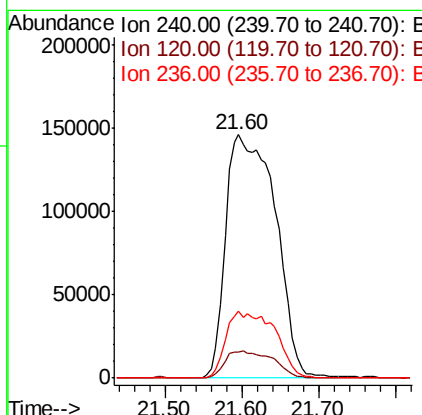
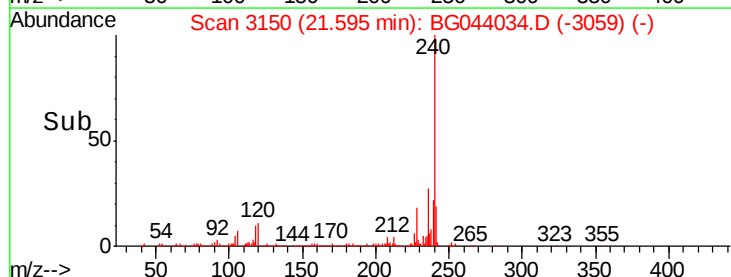
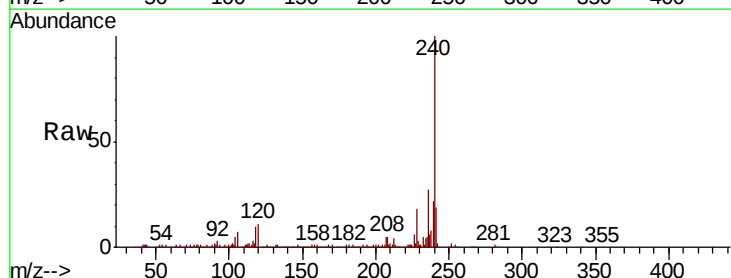
RT: 21.60 min Scan# 3150

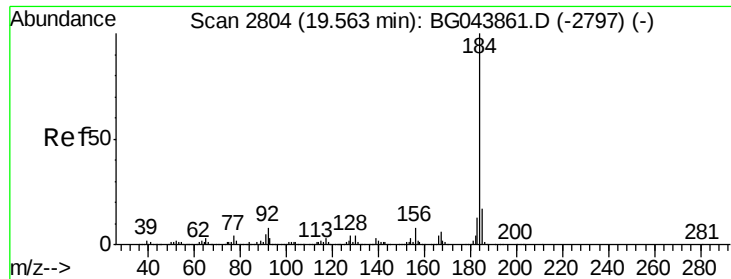
Delta R.T. 0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:	240	Resp:	654990
Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	27.4	22.2	33.2





#77

Benzidine

Concen: 27.216 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

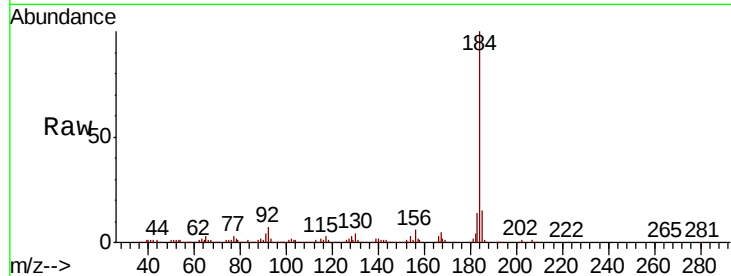
ClientSampleId :

PB126078BS

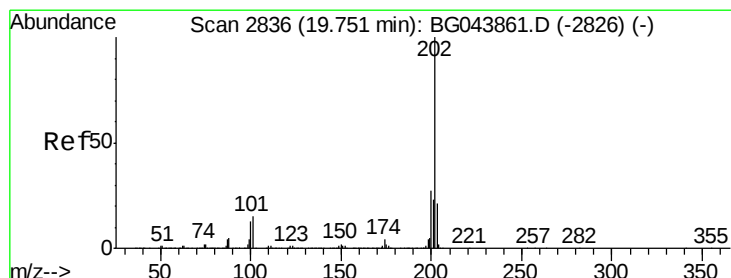
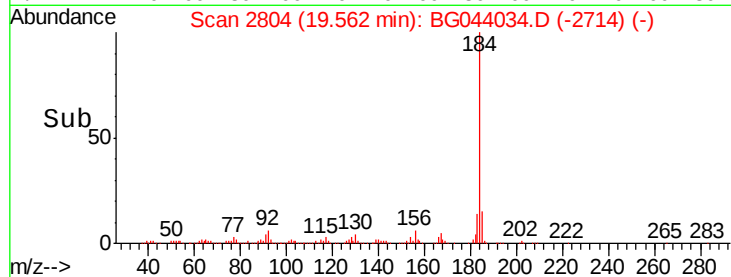
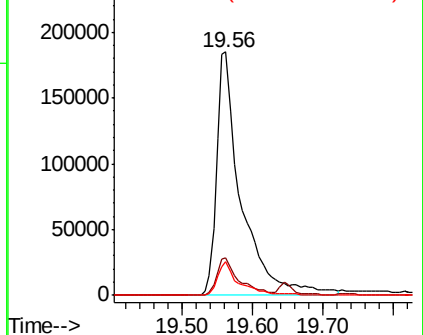
Tot Ion:	184	Resp:	448078
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.4	20.0
183	13.6	10.6	15.8

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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: 35.693 ng

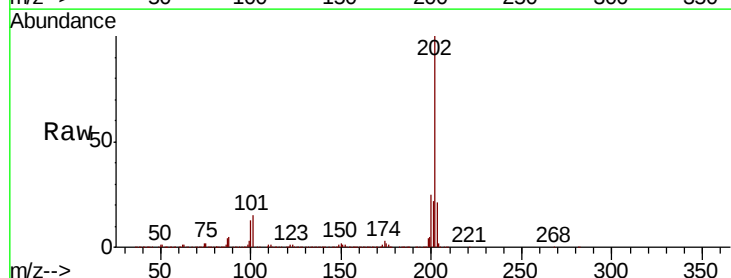
RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

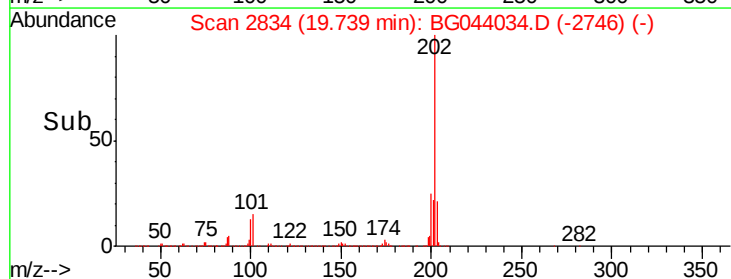
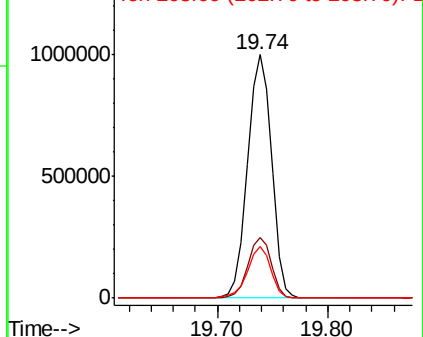
Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:	202	Resp:	1526019
Ion Ratio	Lower	Upper	
202	100		
200	25.1	21.7	32.5
203	21.3	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





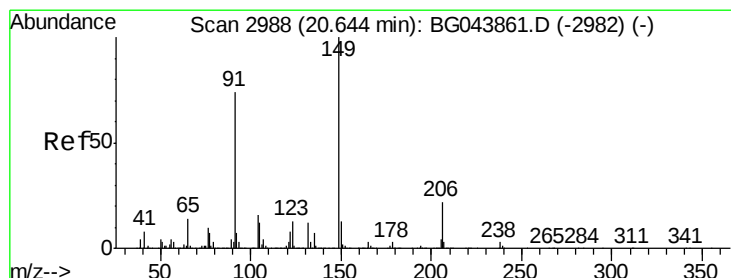
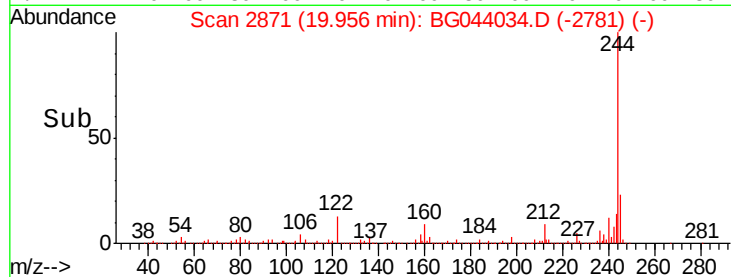
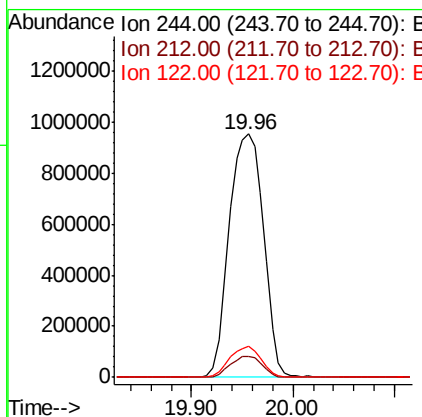
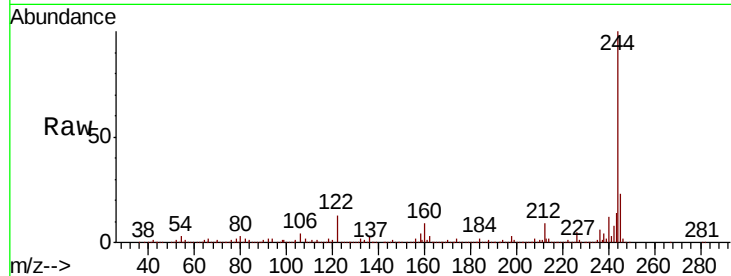
#79
 Terphenyl-d14
 Concen: 81.684 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	12.8	11.9	17.9

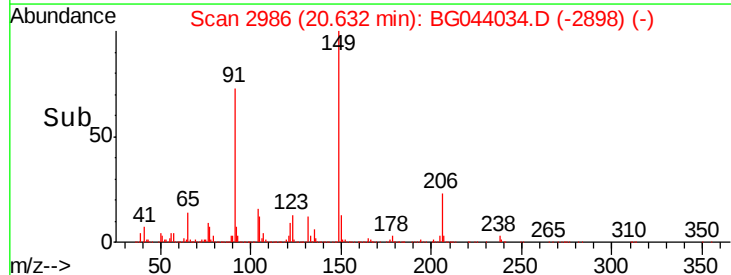
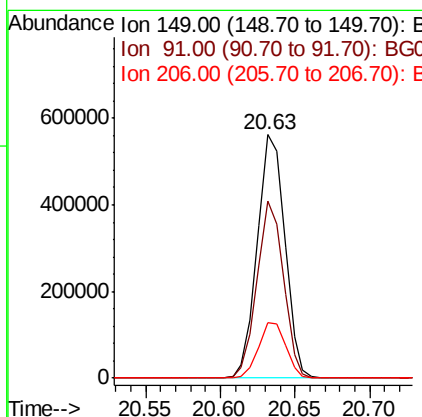
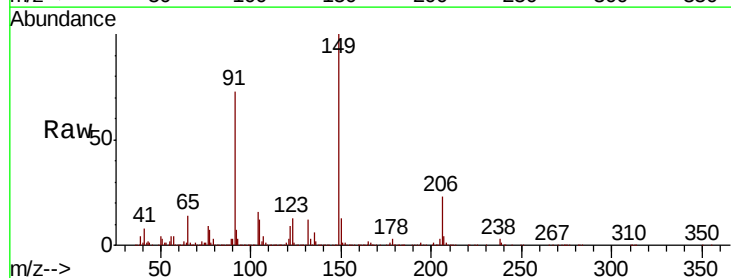
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 35.252 ng
 RT: 20.63 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BG044034.D
 Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	59.5	89.3
206	22.6	17.8	26.6





#81

Benzo(a)anthracene

Concen: 36.253 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Instrument :

BNA_G

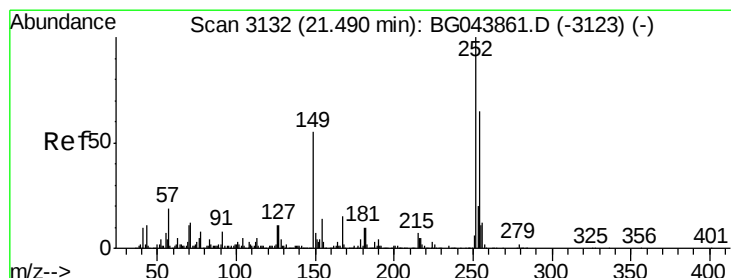
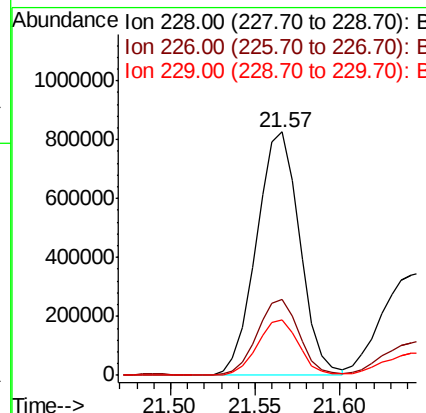
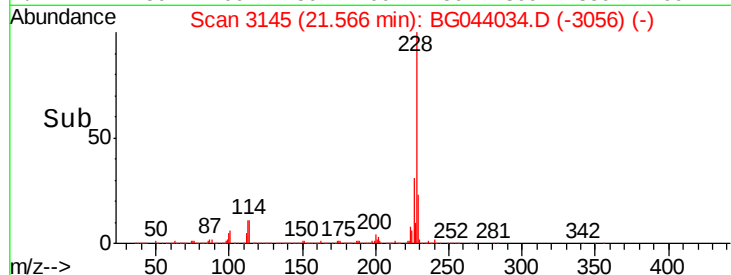
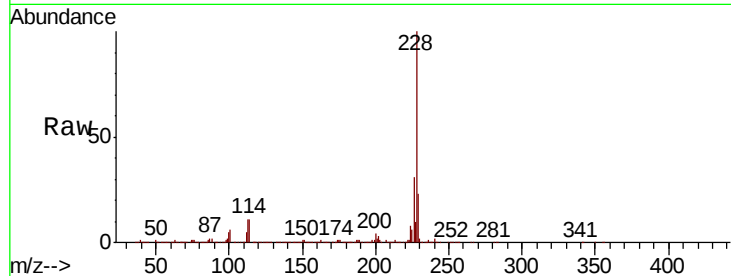
ClientSampled :

PB126078BS

Tot Ion:	228	Resp:	1472390
Ion	Ratio	Lower	Upper
228	100		
226	31.1	26.2	39.4
229	22.6	18.9	28.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.911 ng

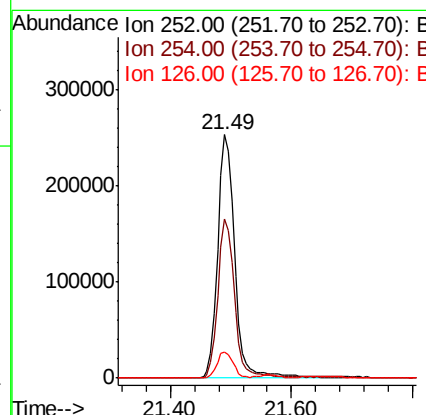
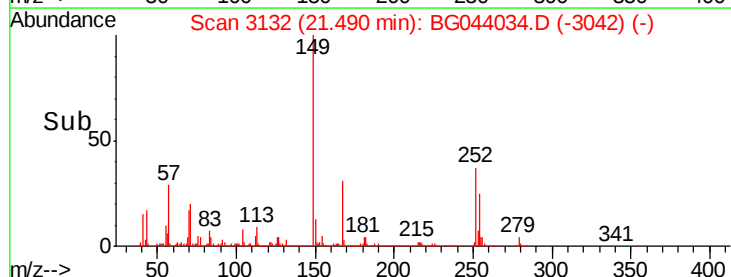
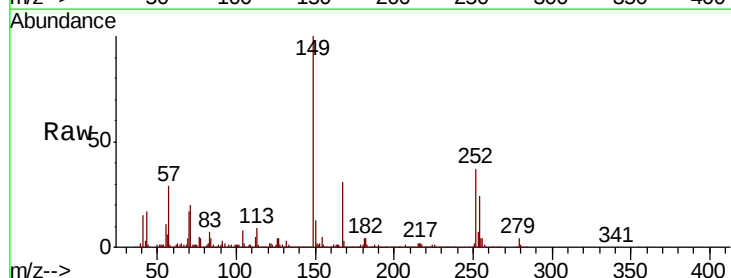
RT: 21.49 min Scan# 3132

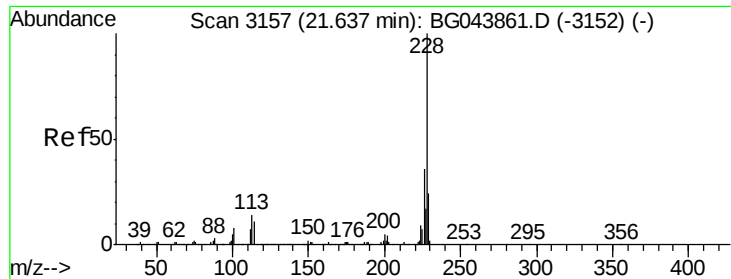
Delta R.T. -0.00 min

Lab File: BG044034.D

Acq: 14 Jan 2020 13:15

Tgt Ion:	252	Resp:	495981
Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.1	78.1
126	10.6	9.1	13.7





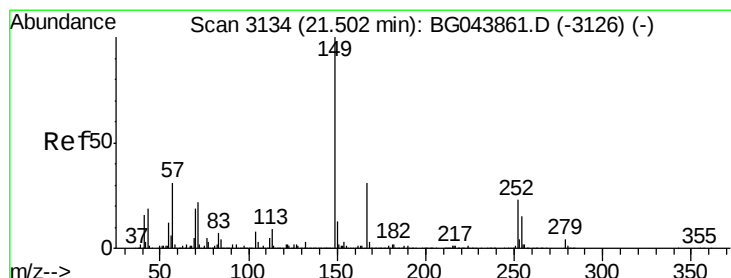
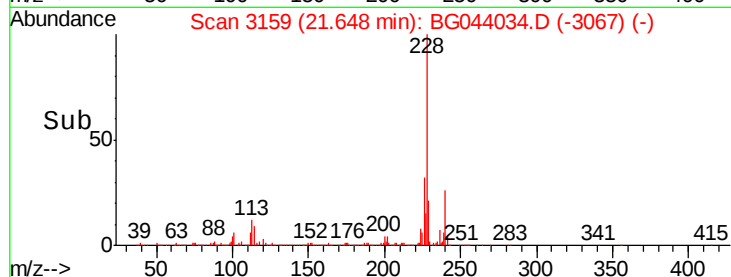
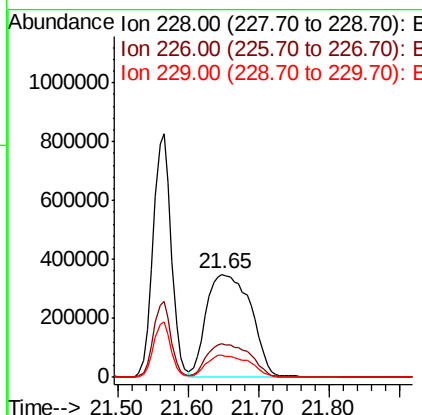
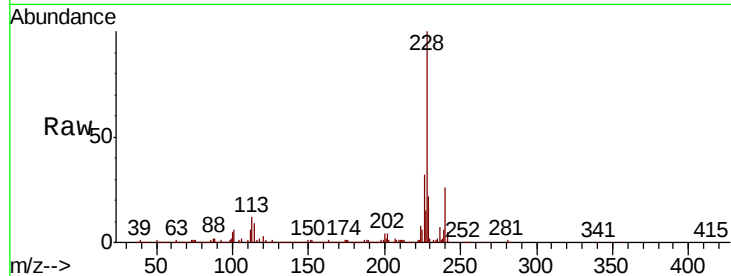
#83
Chrysene
Concen: 39.663 ng
RT: 21.65 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampled :
PB126078BS

Tot Ion:228 Resp: 1530662
Ion Ratio Lower Upper
228 100
226 32.3 28.8 43.2
229 21.5 19.0 28.6

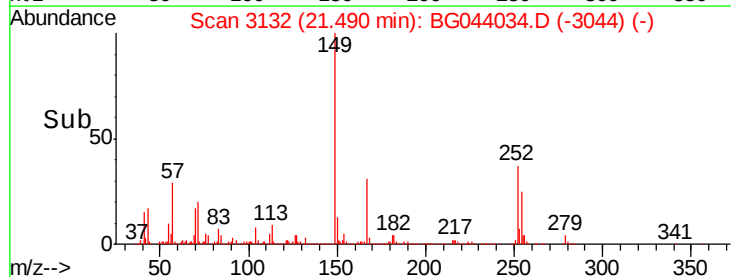
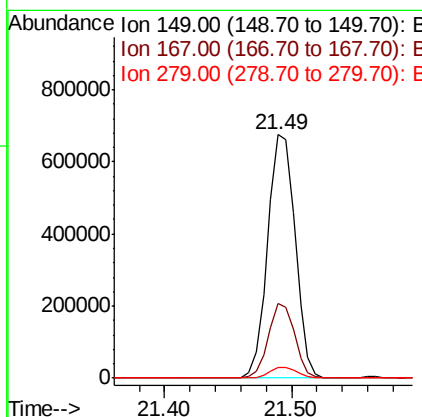
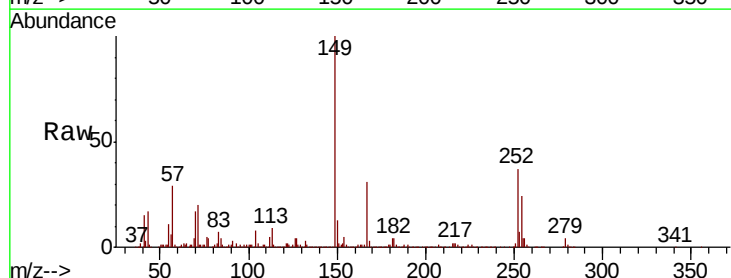
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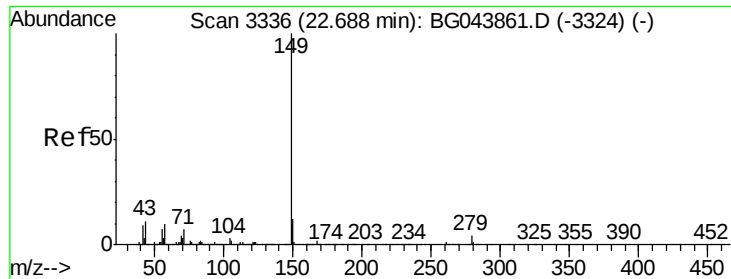
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.203 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion:149 Resp: 1016795
Ion Ratio Lower Upper
149 100
167 30.7 24.7 37.1
279 4.4 3.3 4.9





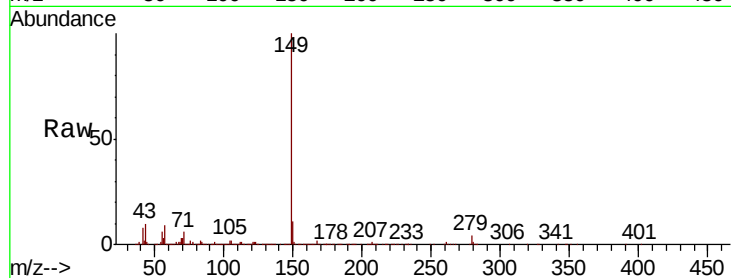
#85
Di-n-octyl phthalate
Concen: 37.761 ng
RT: 22.69 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.9	8.8	13.2

Manual Integrations
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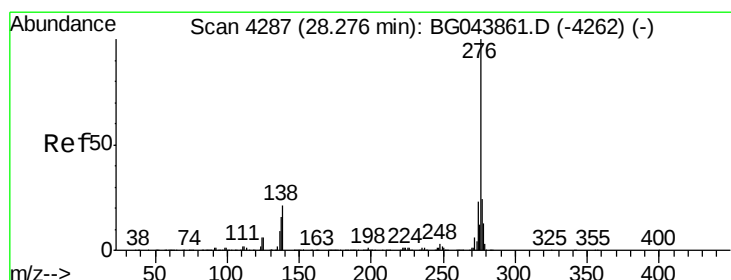
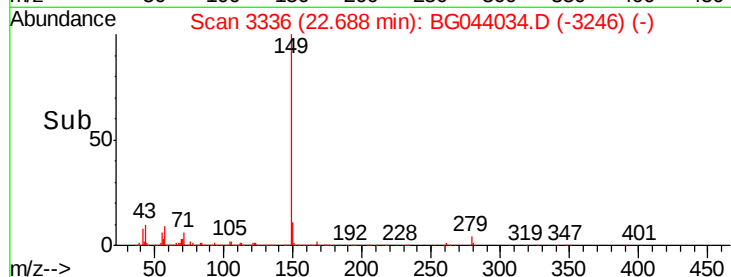
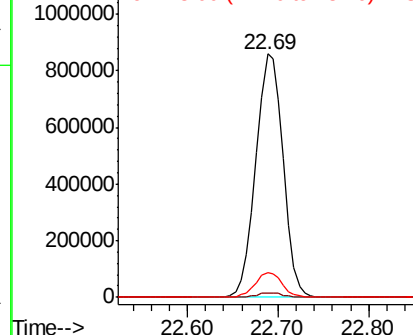


Abundance

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: 35.407 ng
RT: 28.46 min Scan# 4318
Delta R.T. 0.18 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

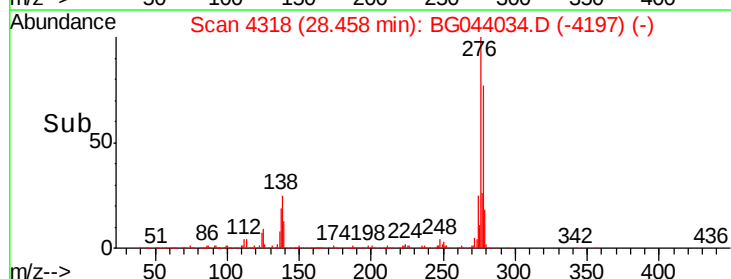
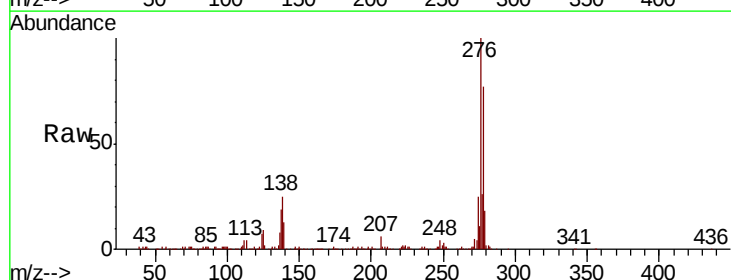
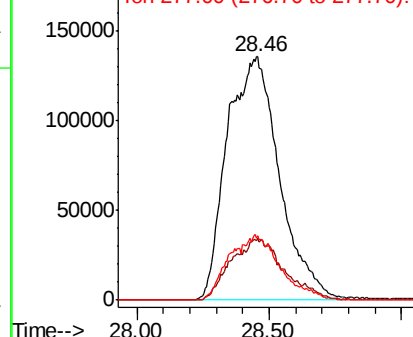
Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	21.0	31.4#
277	17.7	21.1	31.7#

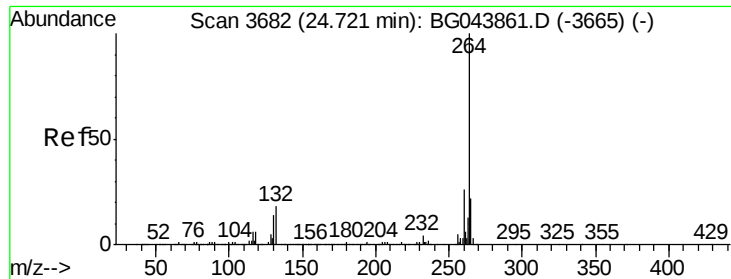
Abundance

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





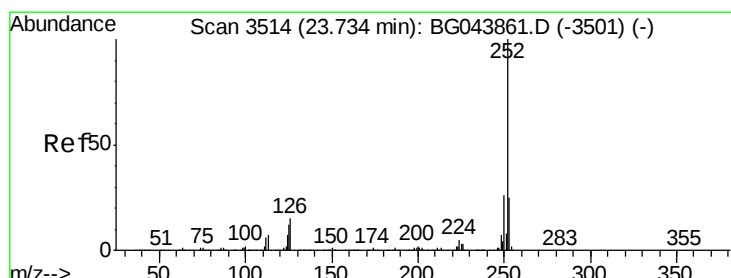
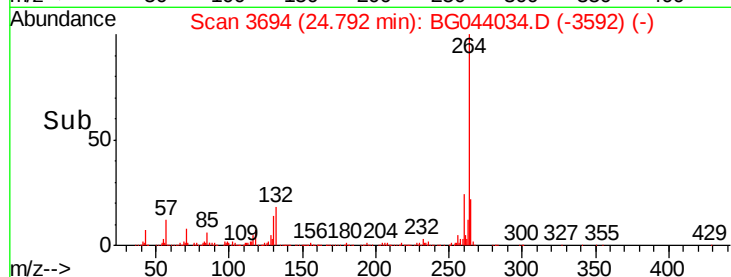
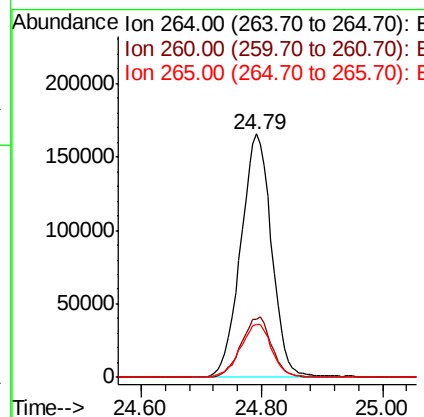
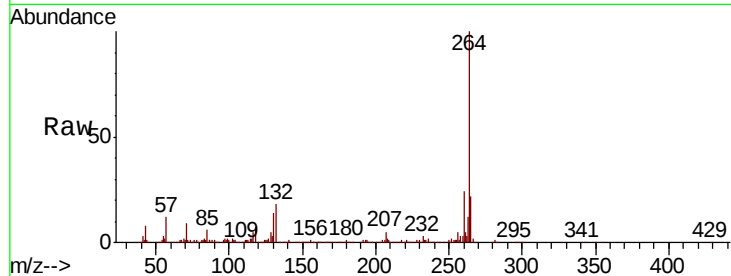
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.07 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	21.8	17.4	26.2

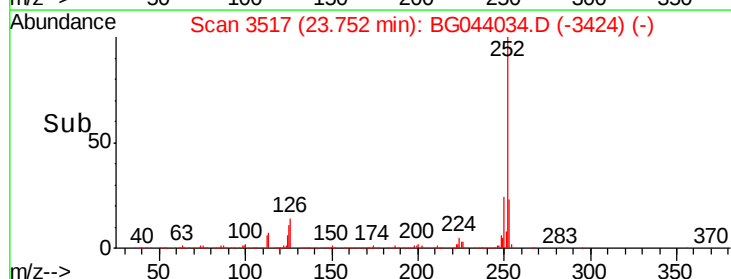
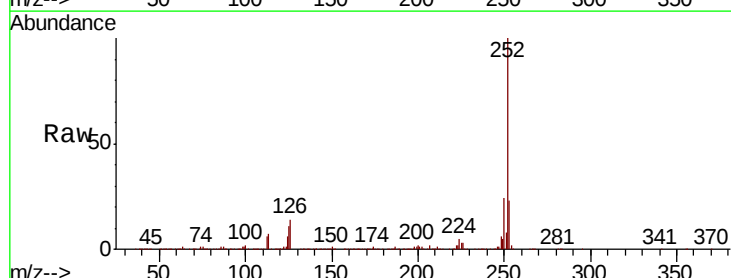
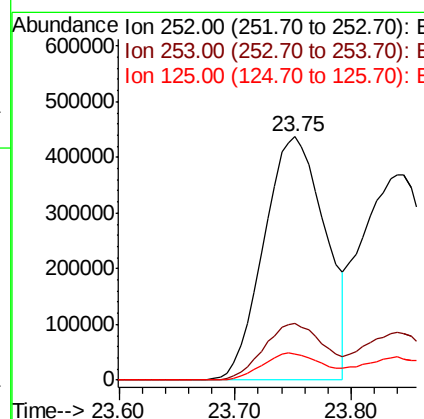
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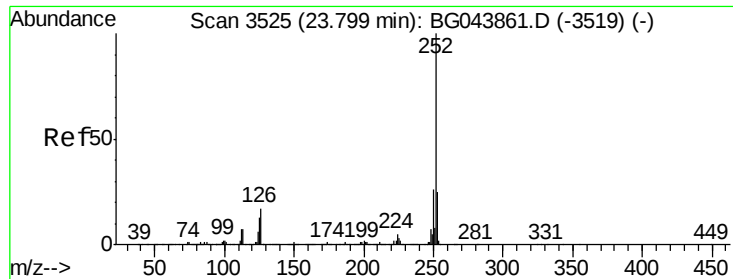
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#88
Benzo(b)fluoranthene
Concen: 46.732 ng m
RT: 23.75 min Scan# 3517
Delta R.T. 0.02 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.7	29.5
125	10.9	9.4	14.2





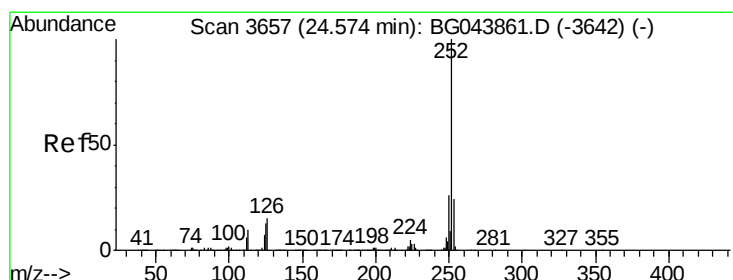
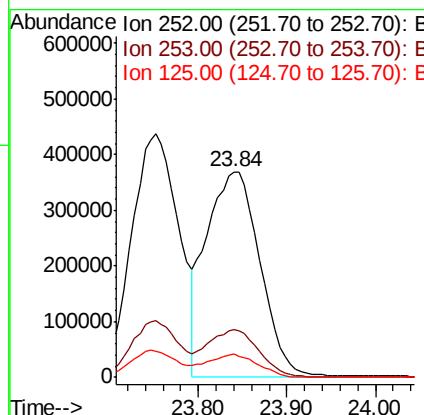
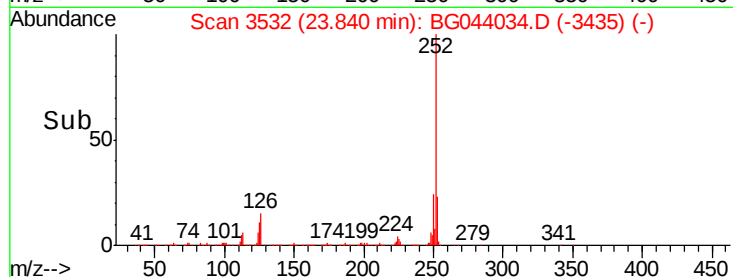
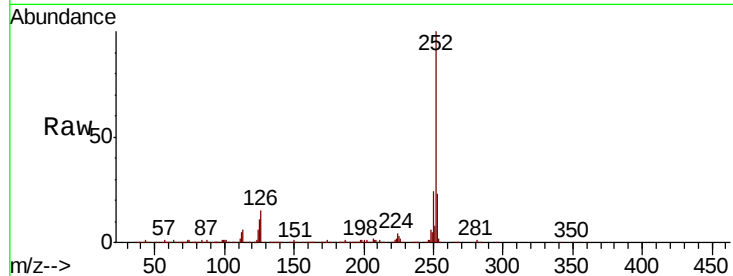
#89
Benzo(k)fluoranthene
Concen: 47.180 ng m
RT: 23.84 min Scan# 3532
Delta R.T. 0.04 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.2
125	11.2	9.9	14.9

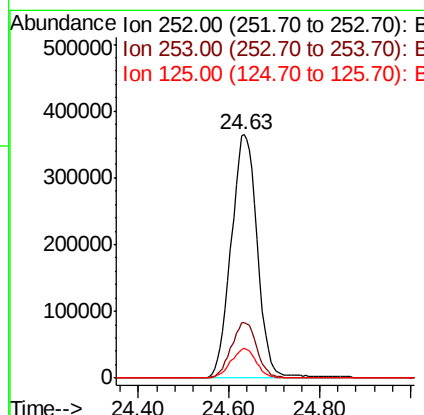
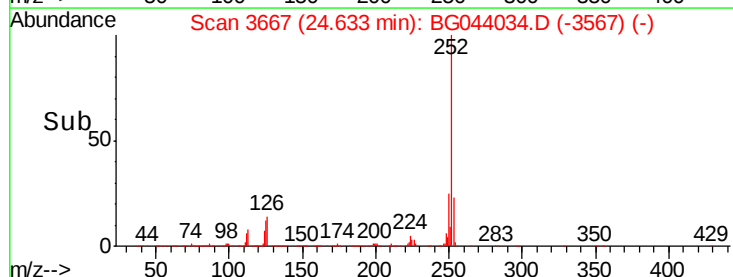
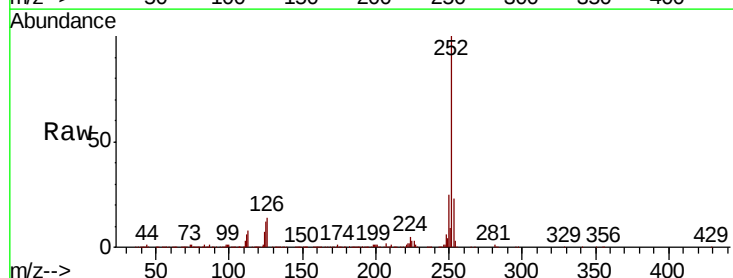
Manual Integrations
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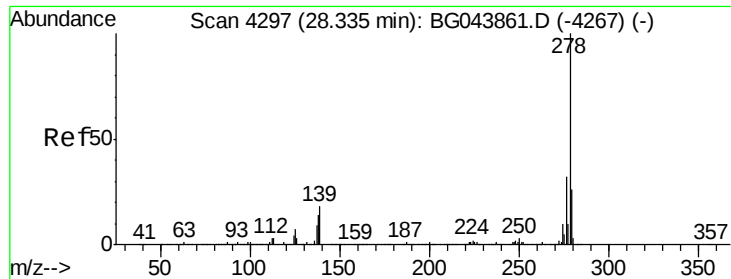
mohammad
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#90
Benzo(a)pyrene
Concen: 44.647 ng
RT: 24.63 min Scan# 3667
Delta R.T. 0.06 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.3	28.9
125	12.2	10.4	15.6





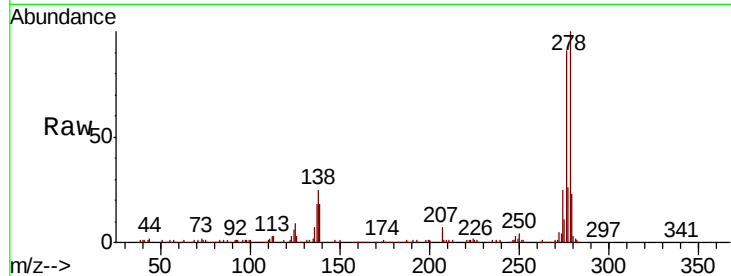
#91
Dibenzo(a,h)anthracene
Concen: 47.516 ng
RT: 28.50 min Scan# 4325
Delta R.T. 0.16 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.4
279	23.3	20.6	30.8

Manual Integrations
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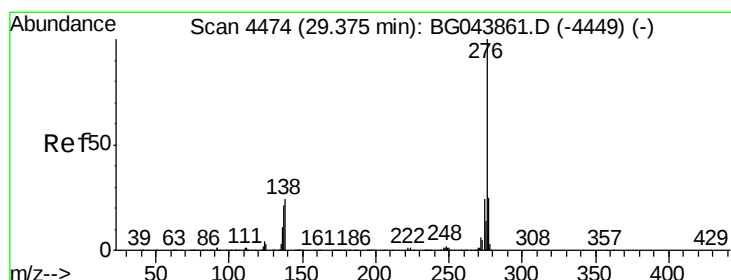
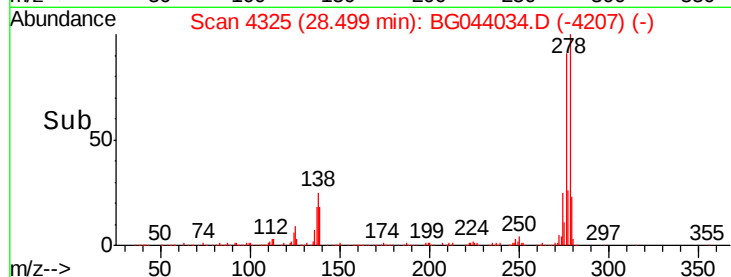
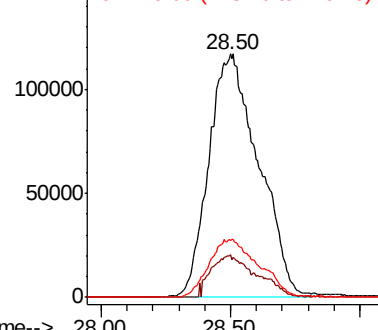


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.107 ng
RT: 29.69 min Scan# 4528
Delta R.T. 0.32 min
Lab File: BG044034.D
Acq: 14 Jan 2020 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	20.2	30.4
138	21.7	19.0	28.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

