

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044017.D
 Acq On : 13 Jan 2020 18:21
 Operator : JU
 Sample : PB126034BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BS

Manual Integrations
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mohammad
 1/14/2020 12:24:48 PM

Quant Time: Jan 14 10:24:59 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	106737	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	450190	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	294738	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	631399	20.00	ng	-0.01
76) Chrysene-d12	21.58	240	551134	20.00	ng	-0.01
87) Perylene-d12	24.72	264	536501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	805632	138.59	ng	-0.01
7) Phenol-d6	7.12	99	1043404	128.41	ng	0.00
23) Nitrobenzene-d5	9.10	82	653170	77.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	404164	131.04	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1432334	88.05	ng	-0.02
79) Terphenyl-d14	19.94	244	2060957	92.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	120262	47.447	ng	98
3) Pyridine	3.81	79	284200	37.955	ng	95
4) n-Nitrosodimethylamine	3.73	42	141002	42.296	ng	96
6) Aniline	7.27	93	375388	35.172	ng	96
8) 2-Chlorophenol	7.52	128	343191	50.288	ng	97
9) Benzaldehyde	7.08	77	189609m	36.458	ng	
10) Phenol	7.15	94	423761	50.616	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	322811	44.669	ng	99
12) 1,3-Dichlorobenzene	7.84	146	359180	44.975	ng	99
13) 1,4-Dichlorobenzene	7.98	146	362476	46.001	ng	98
14) 1,2-Dichlorobenzene	8.30	146	342784	45.322	ng	98
15) Benzyl Alcohol	8.18	79	291903	45.517	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	433966	38.814	ng	99
17) 2-Methylphenol	8.39	107	297839	49.160	ng	98
18) Hexachloroethane	9.03	117	133084	43.405	ng	95
19) n-Nitroso-di-n-propylamine	8.75	70	251661	41.587	ng	97
20) 3+4-Methylphenols	8.72	107	410881	48.614	ng	100
22) Acetophenone	8.76	105	468974	41.902	ng	99
24) Nitrobenzene	9.15	77	354466	42.528	ng	98
25) Isophorone	9.67	82	682729	43.243	ng	98
26) 2-Nitrophenol	9.86	139	195049	49.463	ng	97
27) 2,4-Dimethylphenol	9.92	122	328636	55.364	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	438119	41.624	ng	99
29) 2,4-Dichlorophenol	10.40	162	346937	48.999	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	338866	42.684	ng	98
31) Naphthalene	10.80	128	995613	45.701	ng	99
32) Benzoic acid	10.07	122	186814	39.866	ng	94
33) 4-Chloroaniline	10.90	127	237366	22.844	ng	97
34) Hexachlorobutadiene	11.10	225	199117	41.079	ng	97
35) Caprolactam	11.67	113	127590m	48.406	ng	
36) 4-Chloro-3-methylphenol	12.03	107	357440	47.421	ng	97
37) 2-Methylnaphthalene	12.41	142	738702	45.039	ng	97
38) 1-Methylnaphthalene	12.62	142	699823	45.020	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	354362	41.020	ng	99

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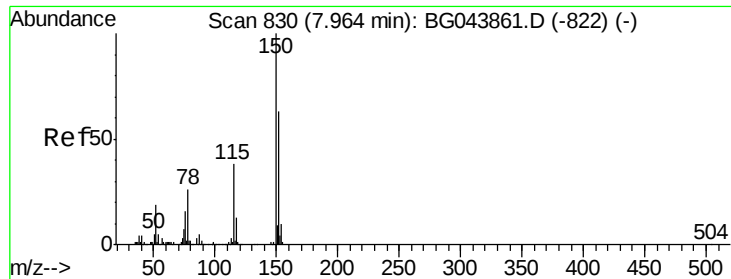
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	425455	94.996	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	273538	46.018	nq	96
44) 2,4,5-Trichlorophenol	13.09	196	291737	47.586	nq	98
46) 1,1'-Biphenyl	13.41	154	918646	43.471	nq	100
47) 2-Chloronaphthalene	13.45	162	730841	42.799	nq	98
48) 2-Nitroaniline	13.65	65	224479	40.867	nq	95
49) Acenaphthylene	14.30	152	1144981	46.651	nq	99
50) Dimethylphthalate	14.03	163	932664	44.566	nq	99
51) 2,6-Dinitrotoluene	14.15	165	216147	45.696	nq	99
52) Acenaphthene	14.65	154	717526	41.687	nq	99
53) 3-Nitroaniline	14.47	138	161629	30.090	nq	98
54) 2,4-Dinitrophenol	14.69	184	245597	100.415	nq	93
55) Dibenzofuran	14.98	168	1101123	46.472	nq	98
56) 4-Nitrophenol	14.79	139	406910	98.856	nq	94
57) 2,4-Dinitrotoluene	14.93	165	300134	46.632	nq	98
58) Fluorene	15.63	166	858772	45.727	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	255201	48.409	nq	97
60) Diethylphthalate	15.40	149	936856	44.758	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	451428	44.268	nq	97
62) 4-Nitroaniline	15.64	138	215984	40.718	nq	95
63) Azobenzene	15.91	77	854853	44.038	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	181609	55.110	nq	95
66) n-Nitrosodiphenylamine	15.83	169	809397	43.530	nq	100
67) 4-Bromophenyl-phenylether	16.51	248	294187	41.427	nq	98
68) Hexachlorobenzene	16.64	284	317749	41.526	nq	98
69) Atrazine	16.78	200	309891	51.273	nq	100
70) Pentachlorophenol	16.98	266	385144	91.307	nq	100
71) Phenanthrene	17.37	178	1348914	44.541	nq	100
72) Anthracene	17.45	178	1383708	46.231	nq	99
73) Carbazole	17.72	167	1269979	45.935	nq	98
74) Di-n-butylphthalate	18.29	149	1566120	44.368	nq	98
75) Fluoranthene	19.37	202	1556923	44.952	nq	98
77) Benzidine	19.55	184	505693	36.504	nq	97
78) Pyrene	19.73	202	1581261	43.955	nq	99
80) Butylbenzylphthalate	20.63	149	734506	42.885	nq	95
81) Benzo(a)anthracene	21.55	228	1488258	43.549	nq	98
82) 3,3'-Dichlorobenzidine	21.47	252	462865	34.283	nq	99
83) Chrysene	21.63	228	1496446	46.084	nq	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	1022356	43.261	nq	98
85) Di-n-octyl phthalate	22.67	149	1787170	44.983	nq	97
86) Indeno(1,2,3-cd)pyrene	28.29	276	1839751m	41.689	nq	
88) Benzo(b)fluoranthene	23.71	252	1568256	49.446	nq	99
89) Benzo(k)fluoranthene	23.79	252	1590412	52.732	nq	99
90) Benzo(a)pyrene	24.57	252	1460395	48.786	nq	99
91) Dibenzo(a,h)anthracene	28.37	278	1535220	51.066	nq	97
92) Benzo(g,h,i)perylene	29.48	276	1554859	52.067	nq	98

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



#1

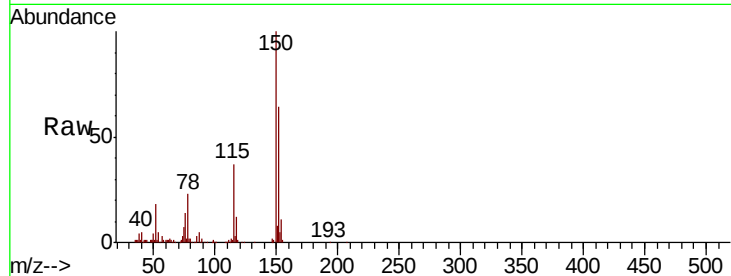
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.0	190.4
115	58.2	47.8	71.8

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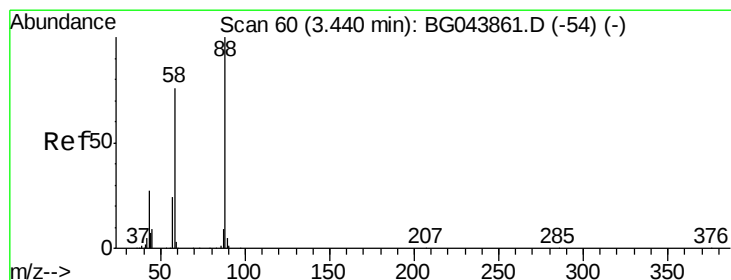
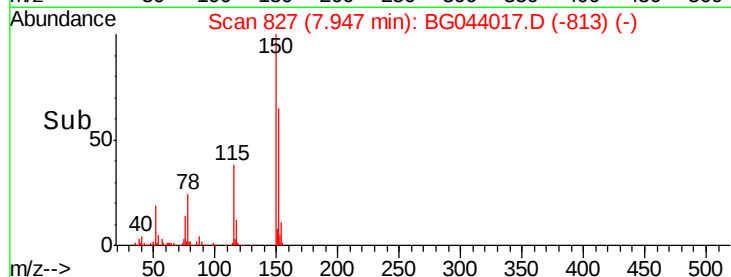
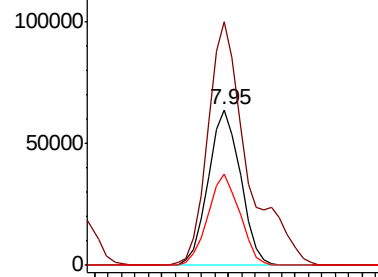


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

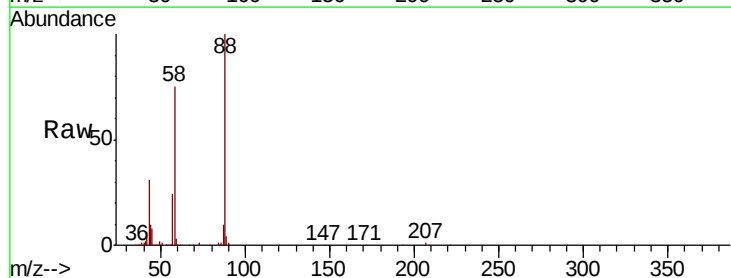
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.447 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	59.8	89.8
43	28.7	22.9	34.3

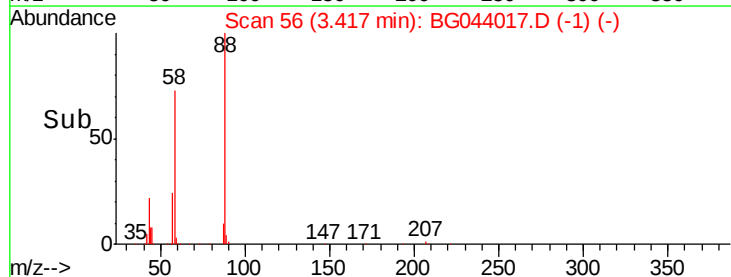
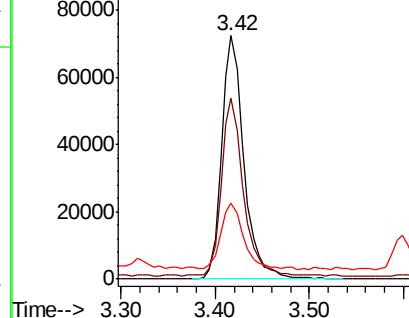


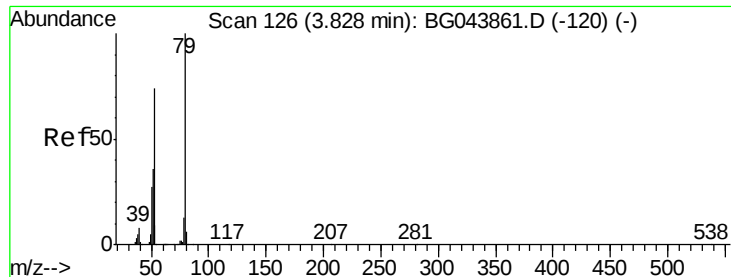
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.955 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

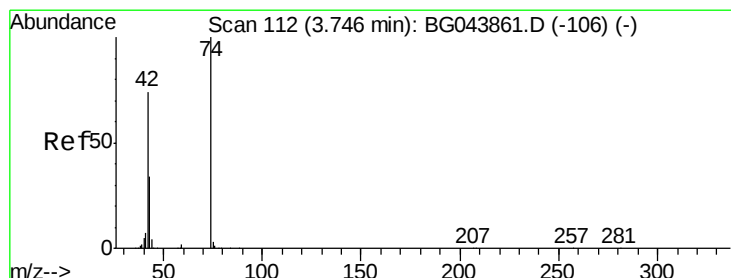
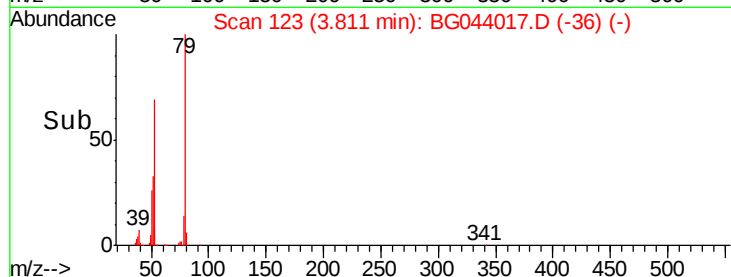
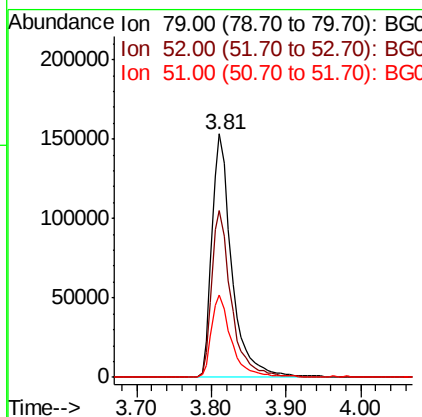
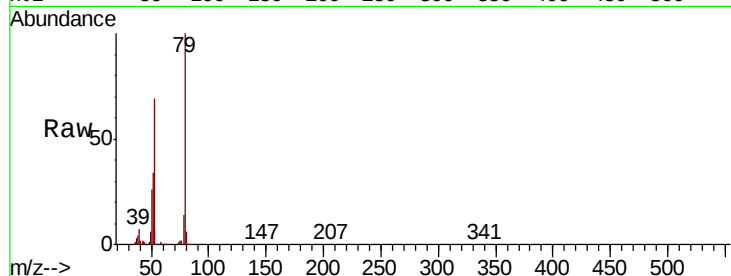
ClientSampleId :

PB126034BS

Tot Ion:	79	Resp:	284200
Ion Ratio	Lower	Upper	
79	100		
52	68.6	58.9	88.3
51	34.0	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 42.296 ng

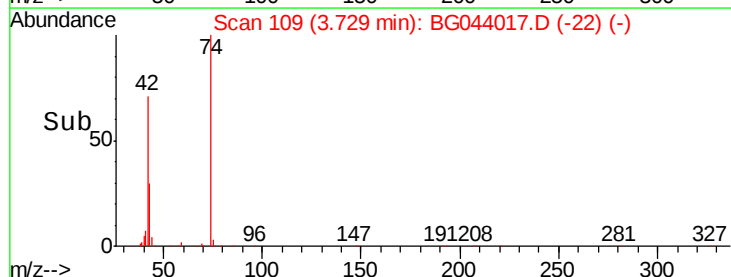
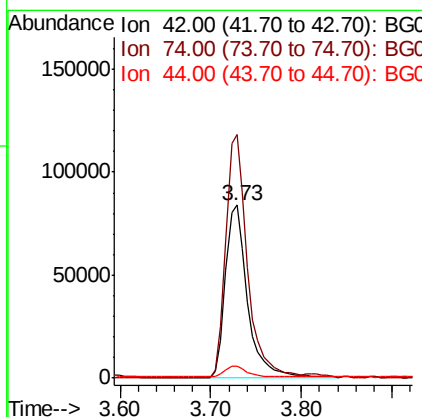
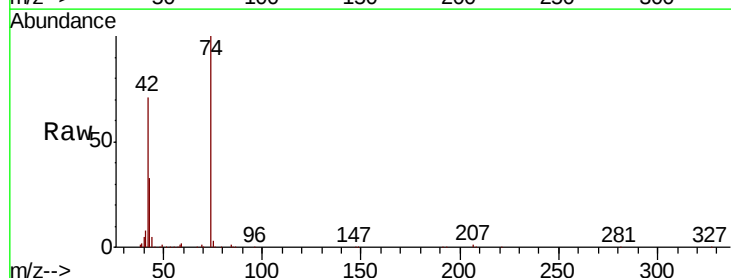
RT: 3.73 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:	42	Resp:	141002
Ion Ratio	Lower	Upper	
42	100		
74	140.6	108.6	162.8
44	6.8	5.0	7.6





#5

2-Fluorophenol

Concen: 138.587 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

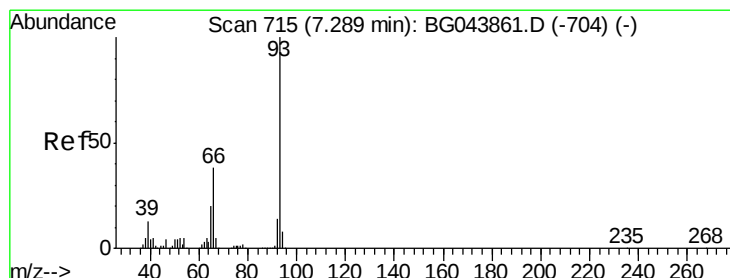
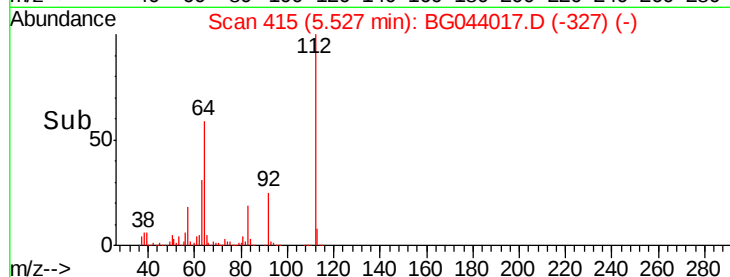
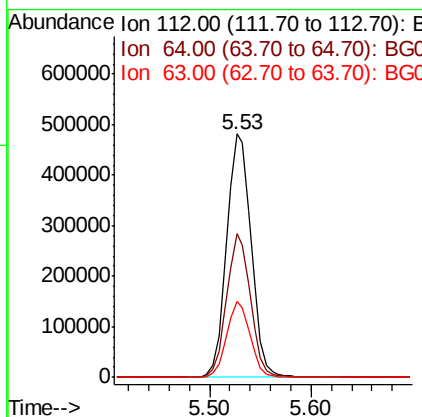
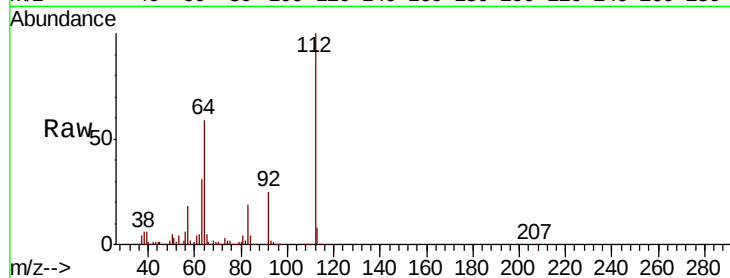
ClientSampleId :

PB126034BS

Tot Ion:	112	Resp:	805632
Ion Ratio	Lower	Upper	
112	100		
64	58.8	47.8	71.6
63	31.0	24.3	36.5

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#6

Aniline

Concen: 35.172 ng

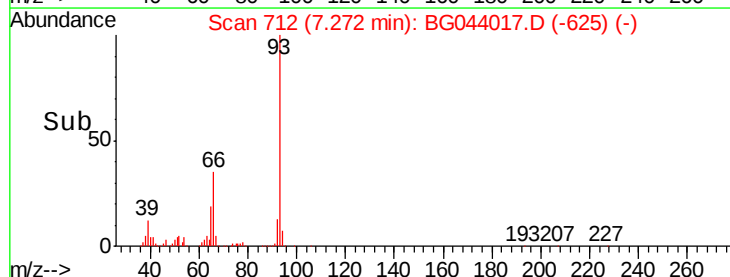
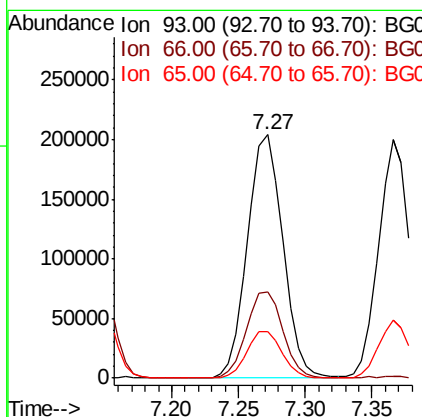
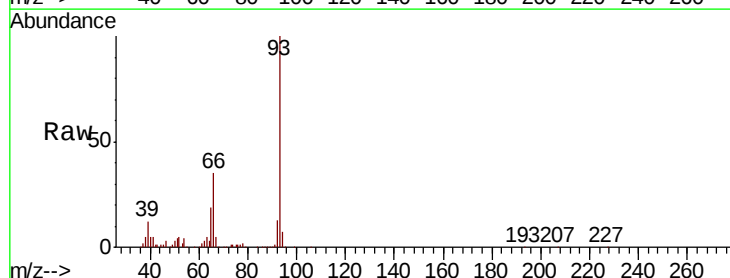
RT: 7.27 min Scan# 712

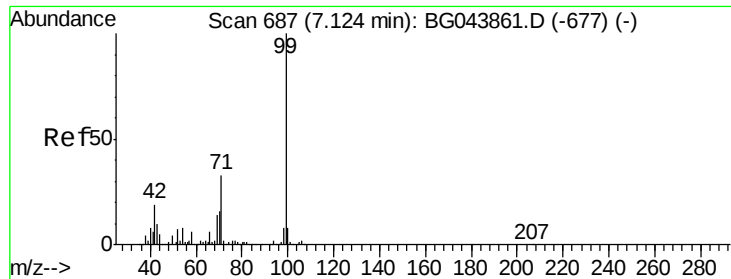
Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:	93	Resp:	375388
Ion Ratio	Lower	Upper	
93	100		
66	35.3	30.8	46.2
65	18.9	16.0	24.0





#7

Phenol-d6

Concen: 128.407 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

PB126034BS

Tot Ion: 99 Resp: 1043404

Ion Ratio Lower Upper

99 100

42 18.4 14.9 22.3

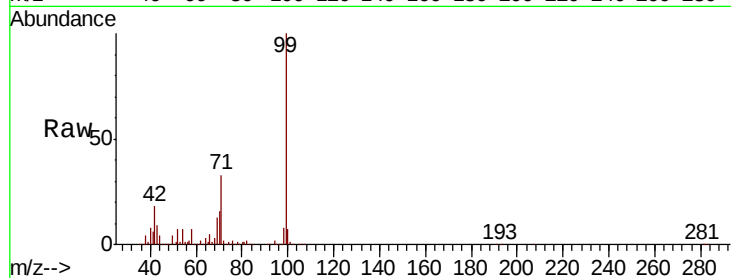
71 32.7 26.4 39.6

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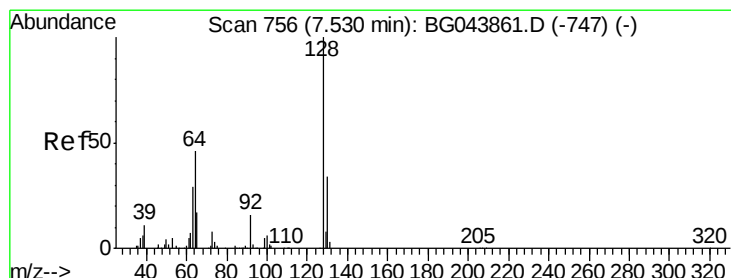
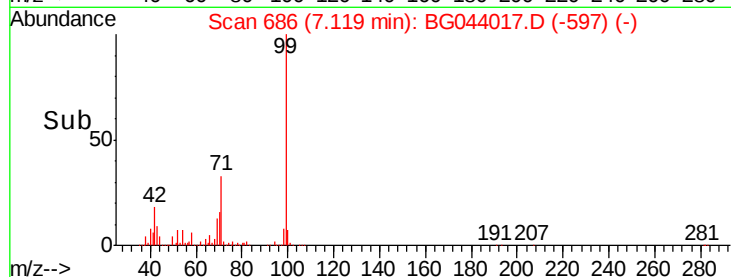
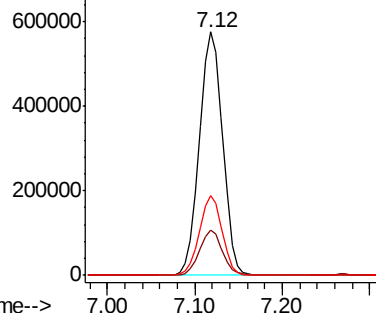
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.288 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

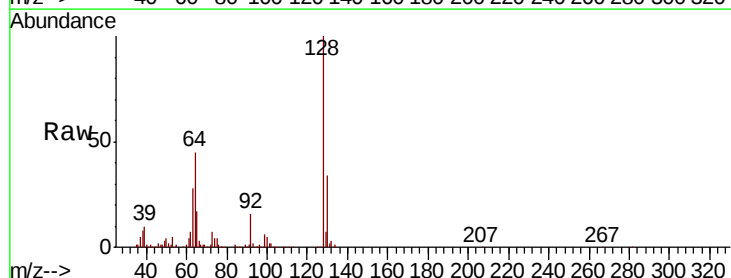
Tgt Ion: 128 Resp: 343191

Ion Ratio Lower Upper

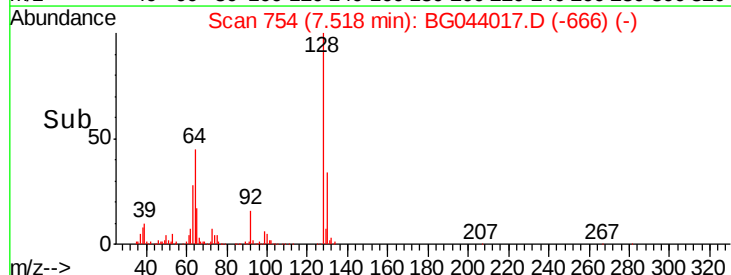
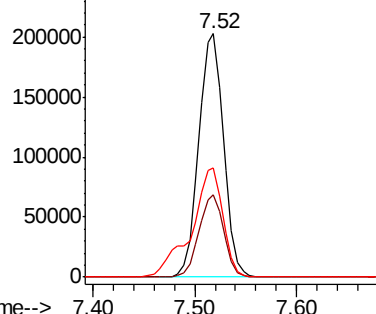
128 100

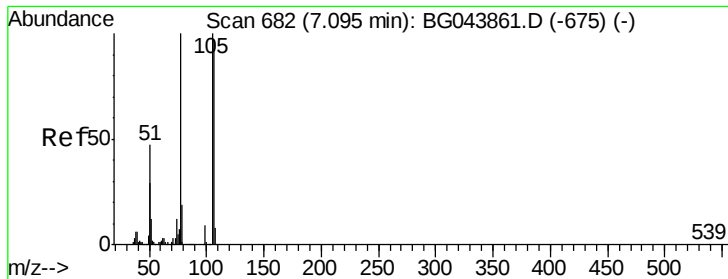
130 33.8 13.8 53.8

64 44.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 36.458 ng/ml

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

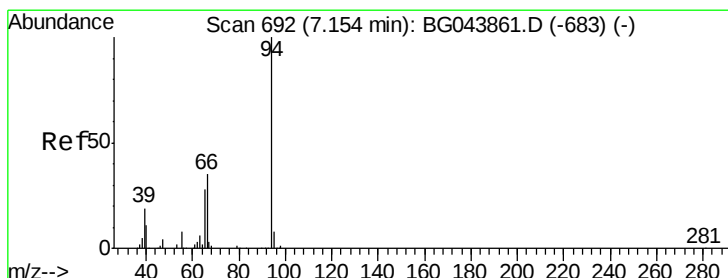
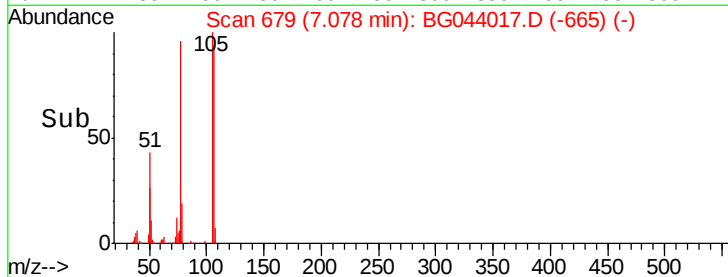
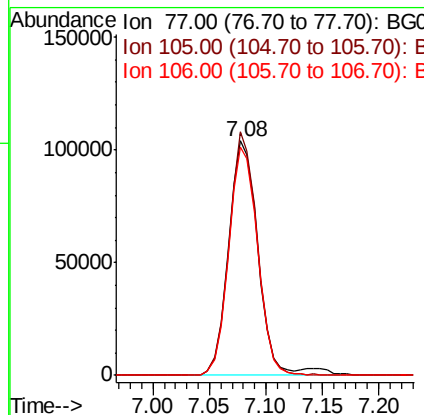
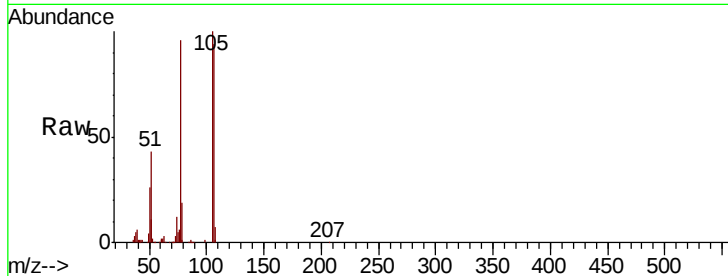
ClientSampleId :

PB126034BS

Tot Ion:	77	Resp:	189609
Ion	Ratio	Lower	Upper
77	100		
105	103.8	80.2	120.2
106	97.1	77.2	117.2

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#10

Phenol

Concen: 50.616 ng/ml

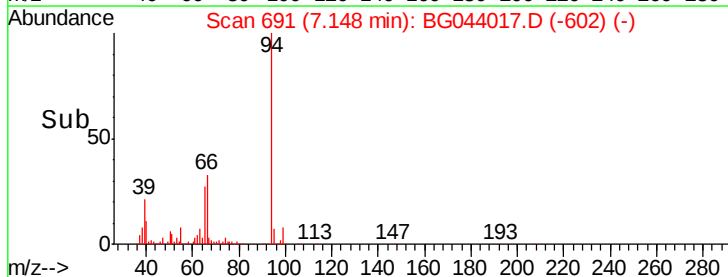
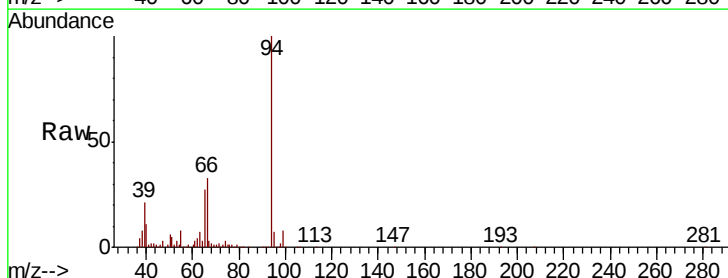
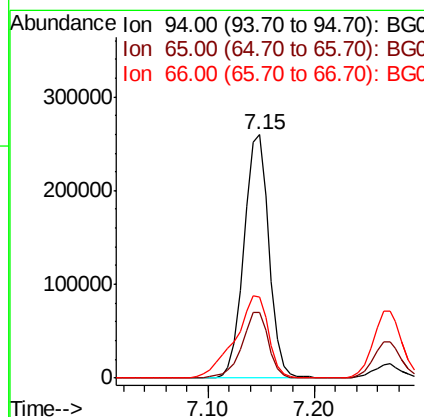
RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:	94	Resp:	423761
Ion	Ratio	Lower	Upper
94	100		
65	27.0	8.1	48.1
66	33.1	15.6	55.6





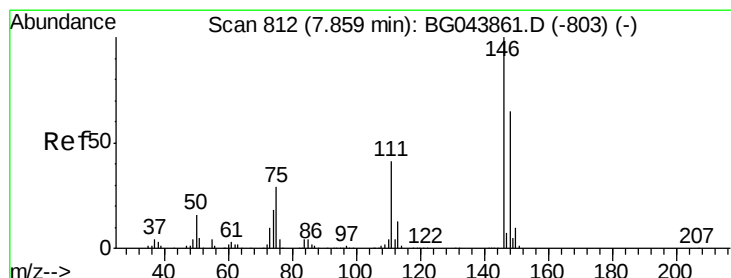
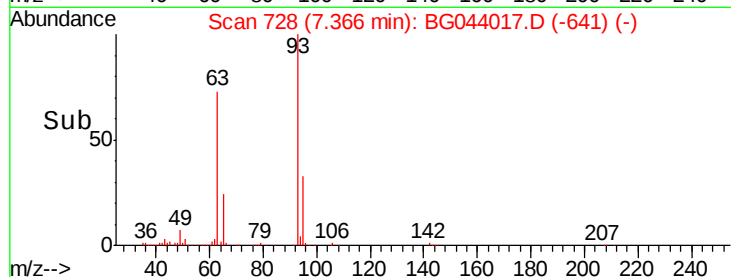
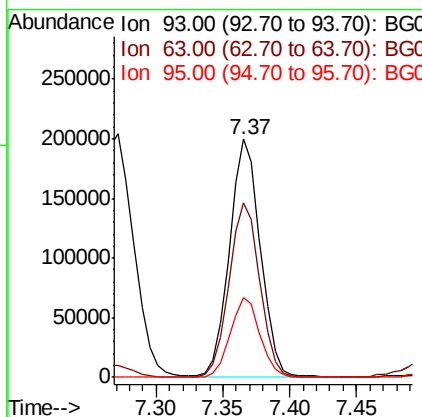
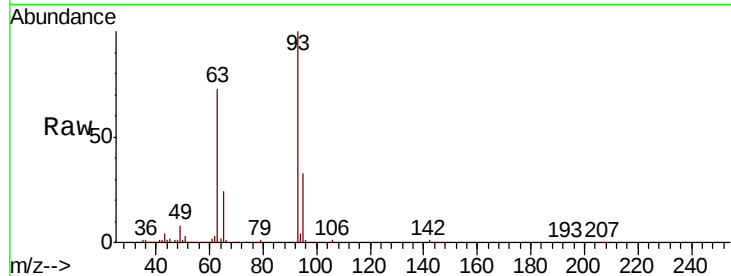
#11
bis(2-Chloroethyl)ether
Concen: 44.669 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	322811		
63	73.4		55.0	95.0
95	33.3		13.3	53.3

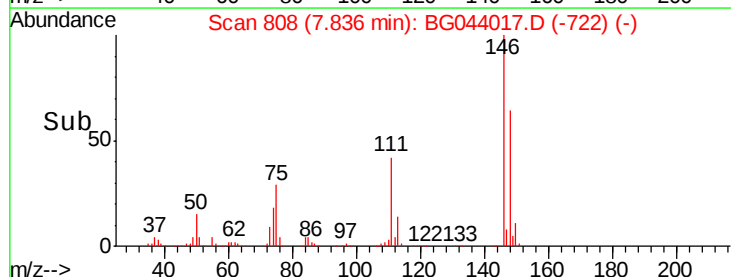
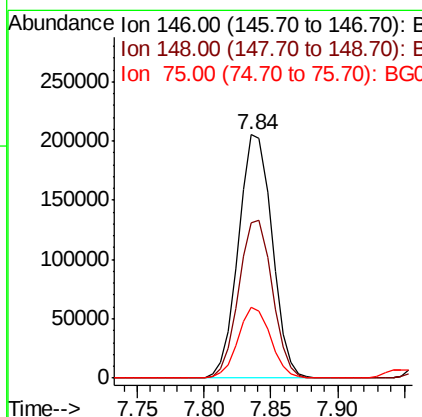
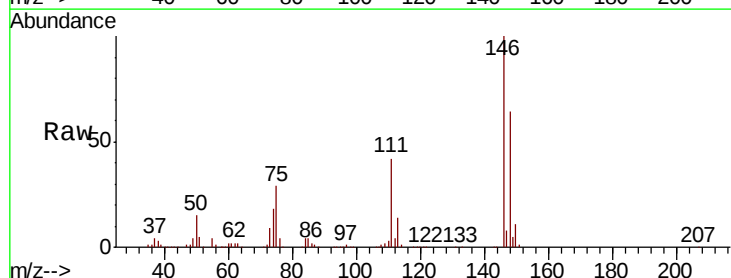
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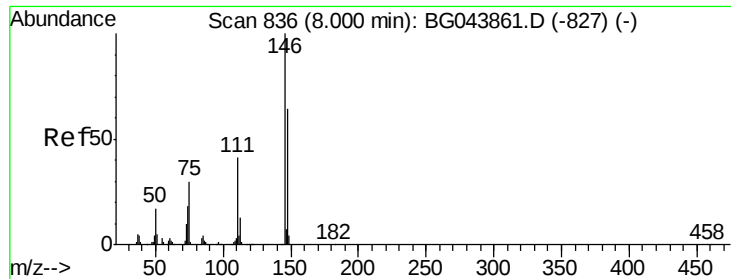
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.975 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	359180		
148	63.9		52.1	78.1
75	29.2		23.0	34.4





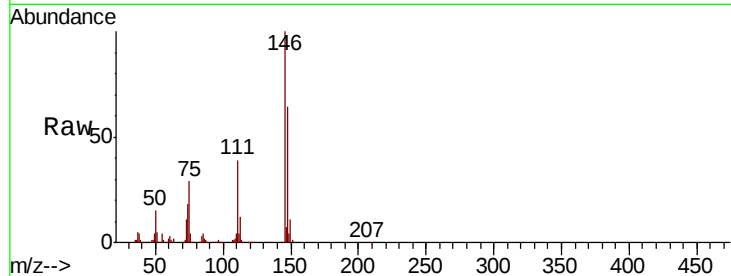
#13
1,4-Dichlorobenzene
Concen: 46.001 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	39.0	33.1	49.7

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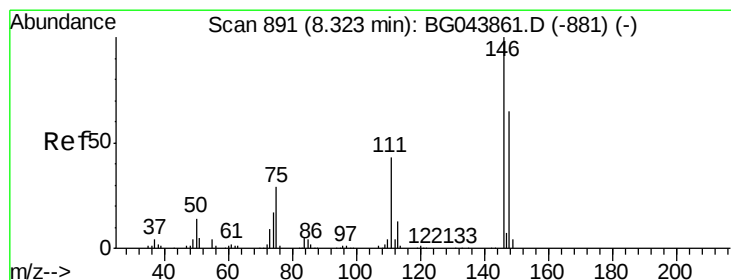
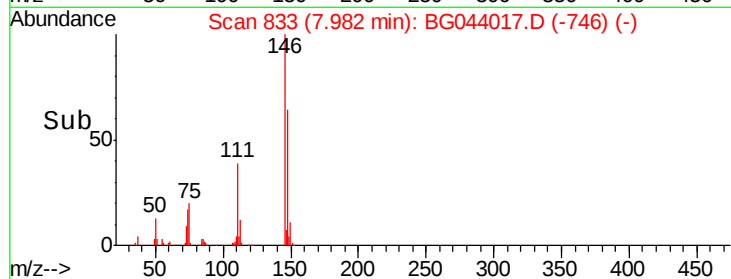
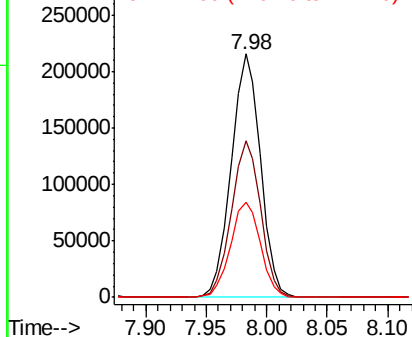


Abundance

Ion 146.00 (145.70 to 146.70): E

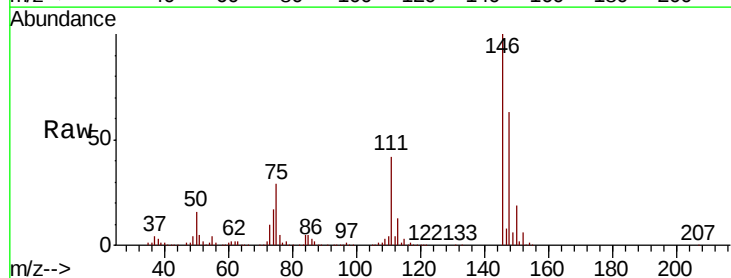
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 45.322 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.7	77.5
111	42.4	34.4	51.6

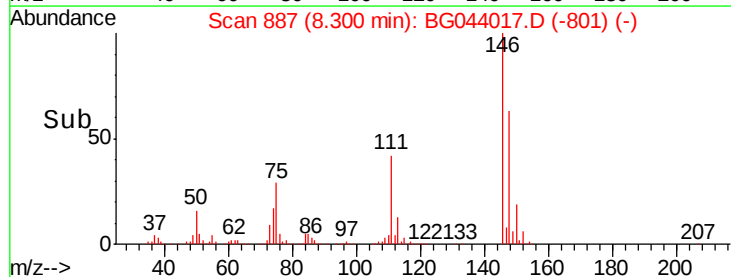
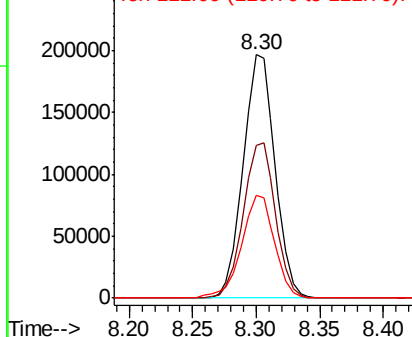


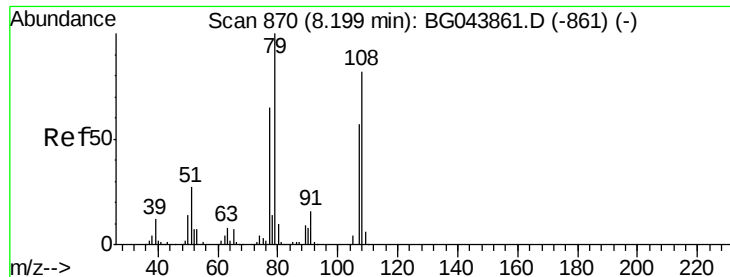
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.517 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

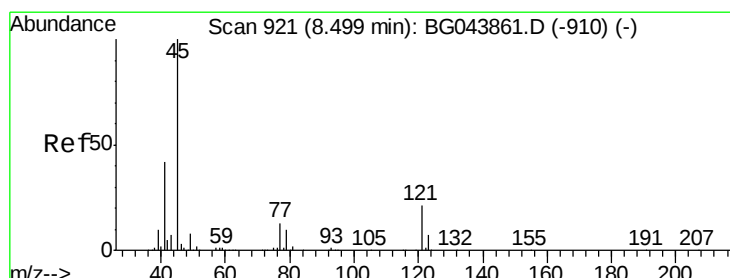
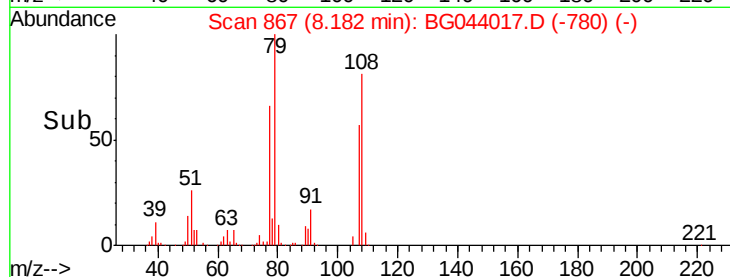
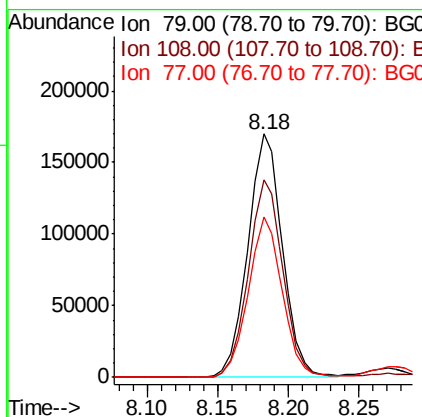
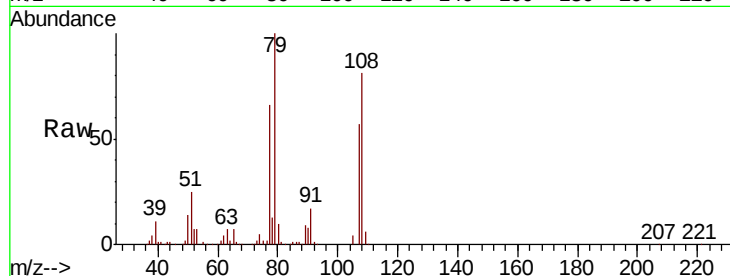
ClientSampleId :

PB126034BS

Tot Ion:	79	Resp:	291903
Ion Ratio	Lower	Upper	
79	100		
108	80.9	65.6	98.4
77	65.7	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.814 ng

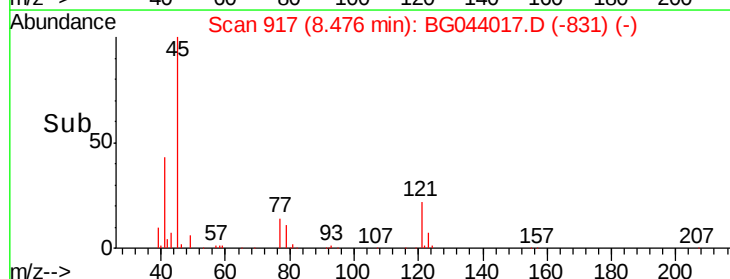
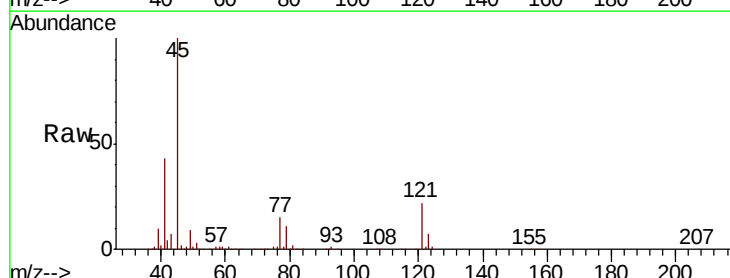
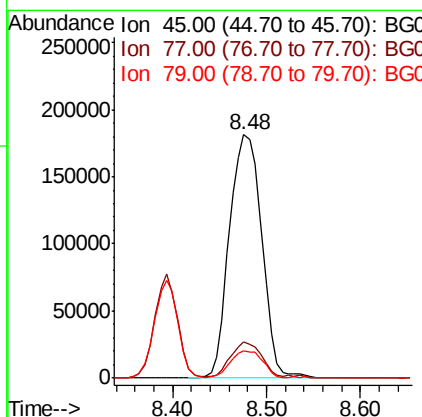
RT: 8.48 min Scan# 917

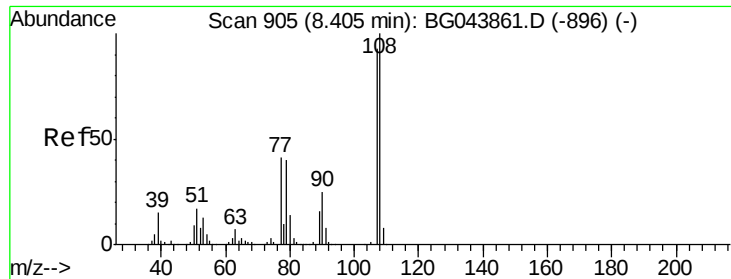
Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:	45	Resp:	433966
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	33.8
79	11.1	0.0	31.0





#17

2-Methylphenol

Concen: 49.160 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

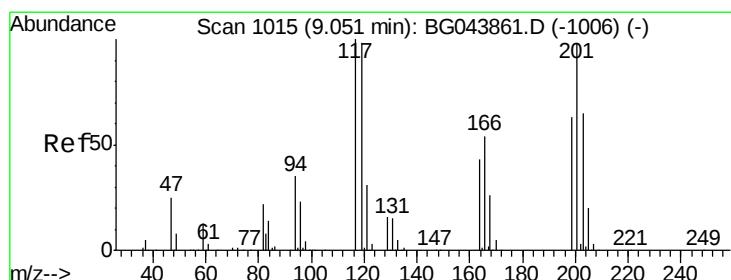
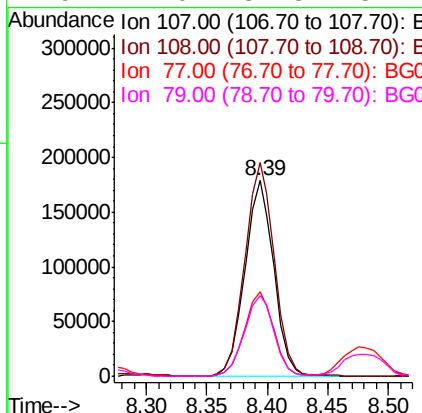
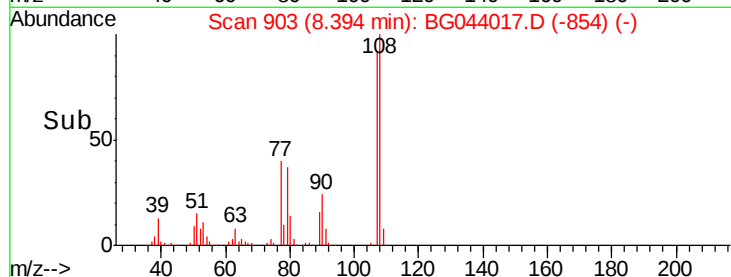
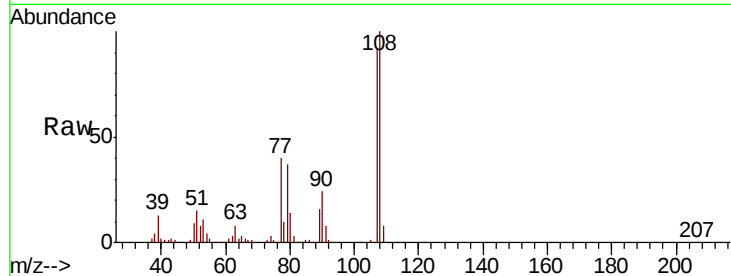
ClientSampleId :

PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	86.1	129.1	
77	43.6	35.4	53.0	
79	41.0	34.8	52.2	

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#18

Hexachloroethane

Concen: 43.405 ng

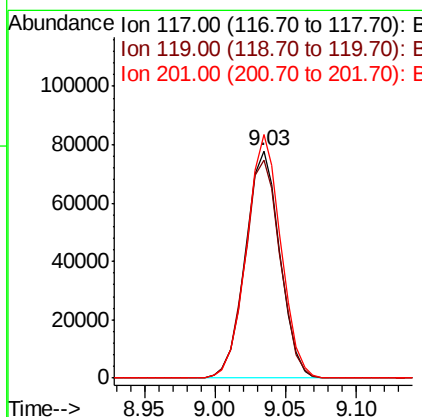
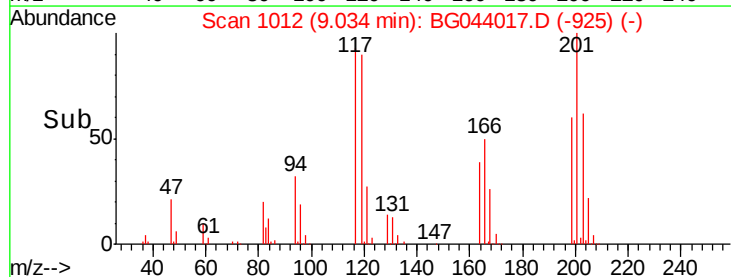
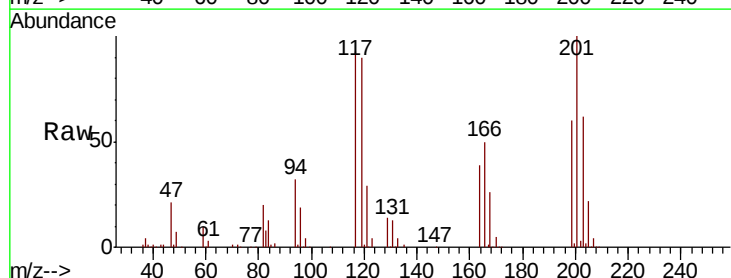
RT: 9.03 min Scan# 1012

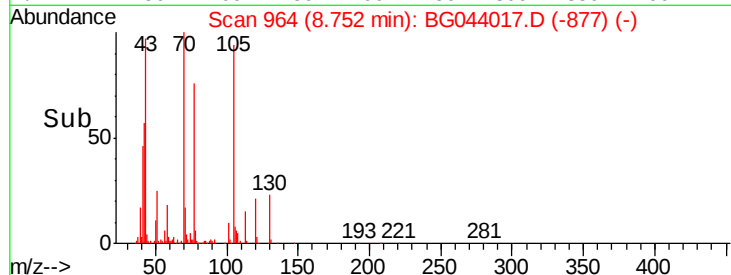
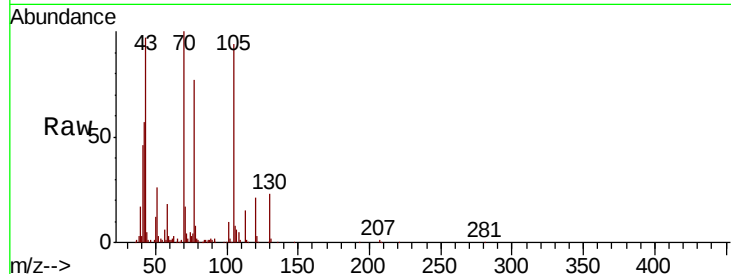
Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	78.1	117.1	
201	107.1	78.6	117.8	





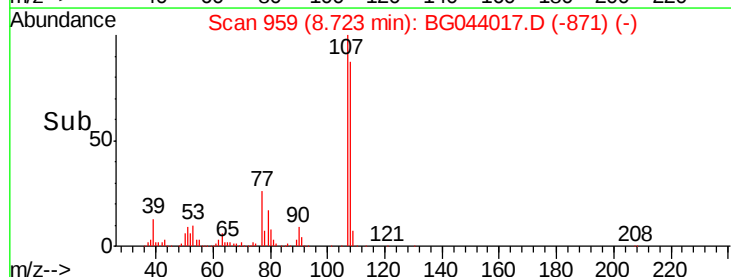
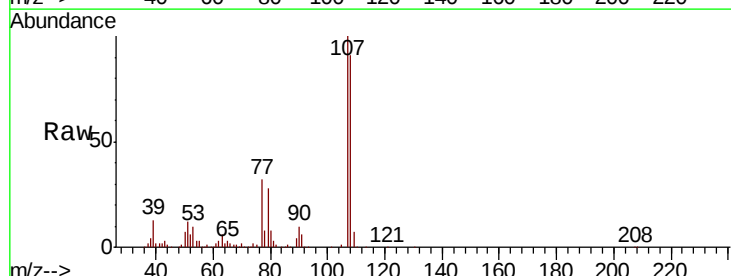
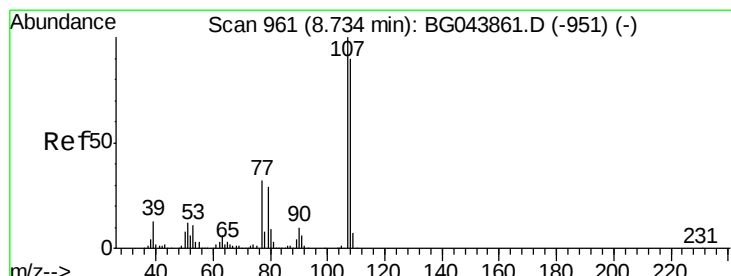
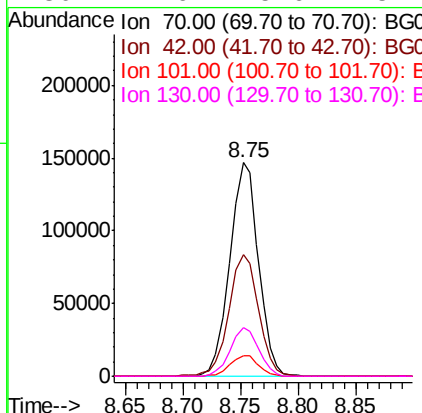
#19
n-Nitroso-di-n-propylamine
Concen: 41.587 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.9	47.0	70.4	
101	9.9	7.2	10.8	
130	22.6	15.6	23.4	

Instrument :
BNA_G
ClientSampleId :
PB126034BS

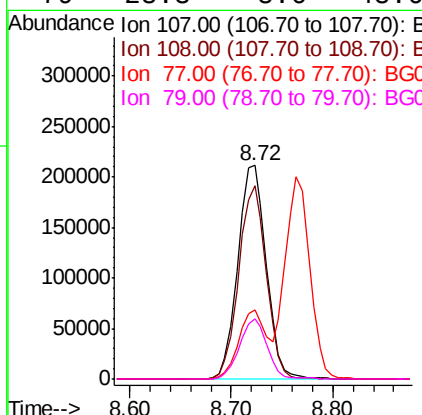
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#20
3+4-Methylphenols
Concen: 48.614 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	70.3	110.3	
77	32.3	12.4	52.4	
79	28.3	8.6	48.6	





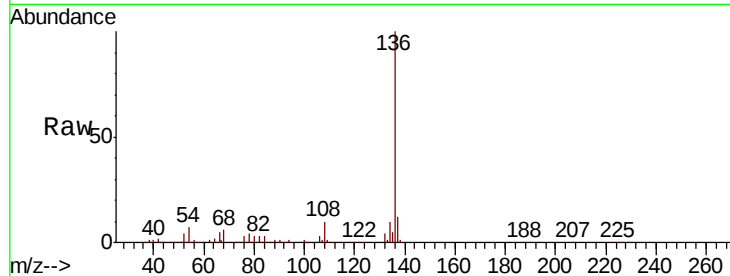
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	450190		
137	11.6		8.8	13.2
54	7.5		7.0	10.4
68	5.8		4.9	7.3

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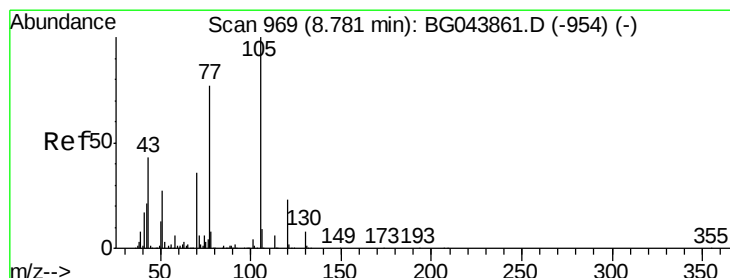
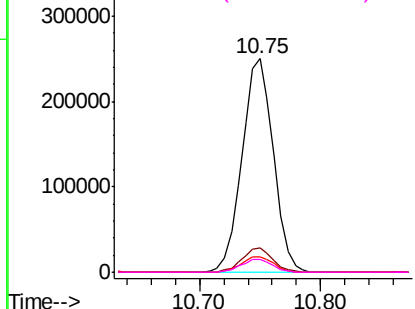
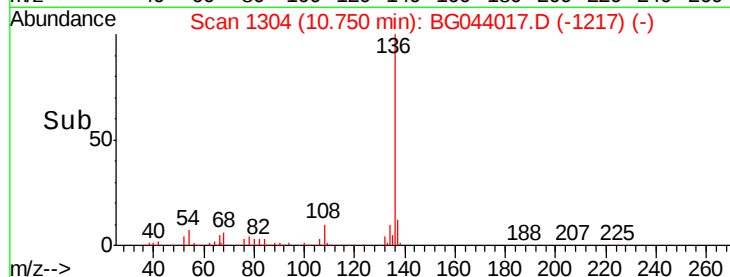
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

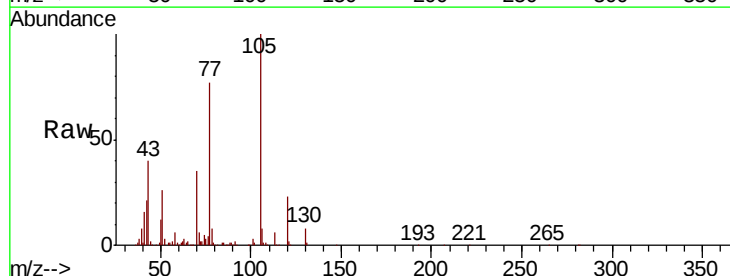
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.902 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	468974		
71	6.0		4.8	7.2
51	25.7		21.4	32.0
120	23.4		18.6	28.0



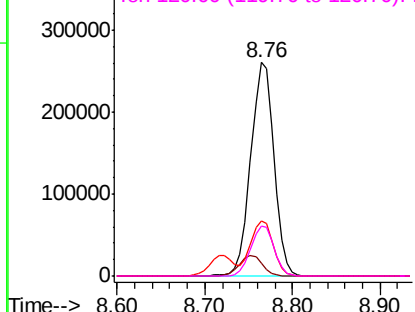
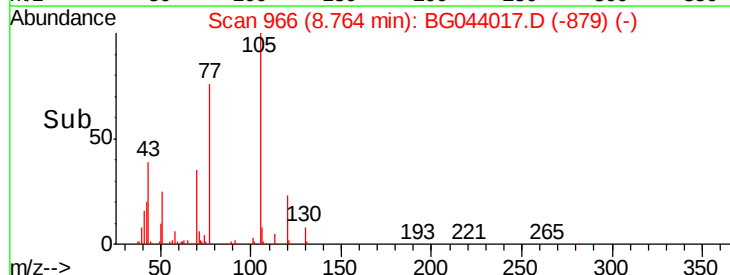
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





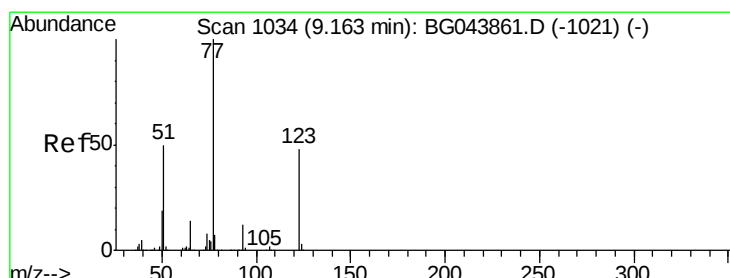
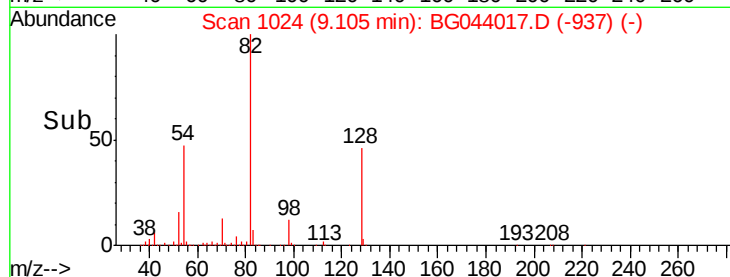
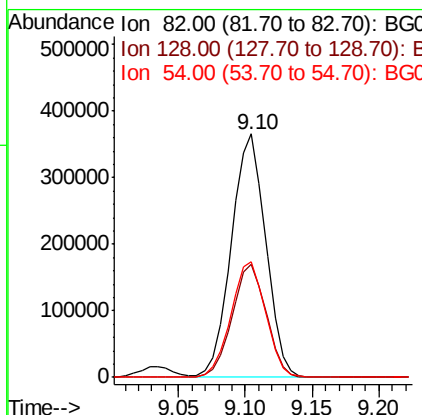
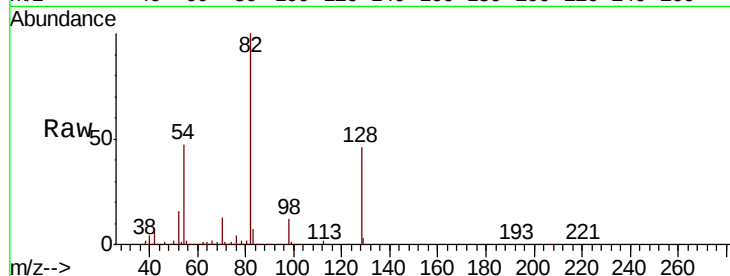
#23
Nitrobenzene-d5
Concen: 77.616 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	47.3	40.1	60.1

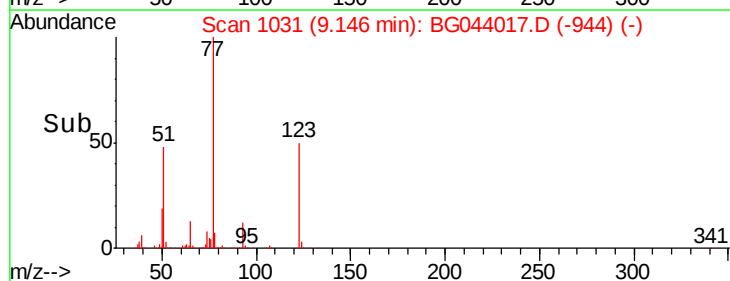
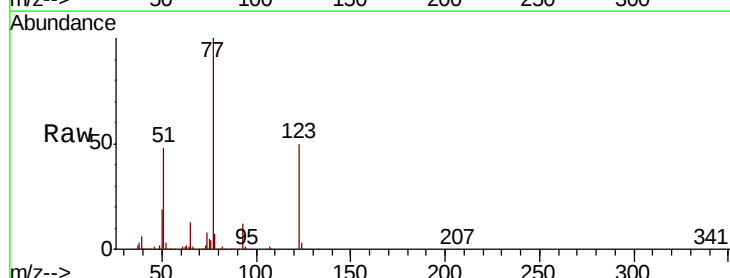
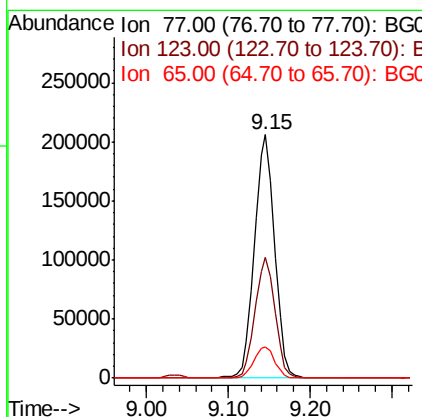
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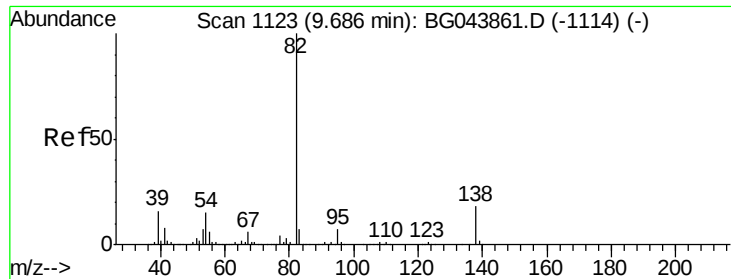
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#24
Nitrobenzene
Concen: 42.528 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	38.7	58.1
65	12.7	11.1	16.7





#25

Isophorone

Concen: 43.243 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

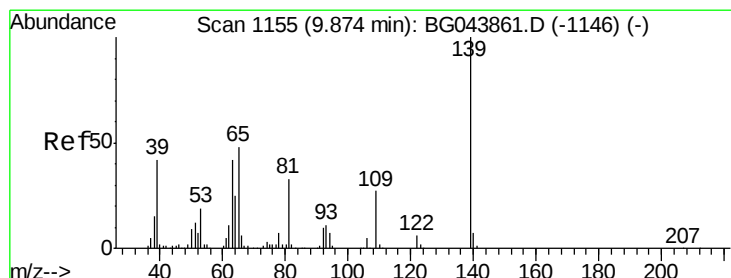
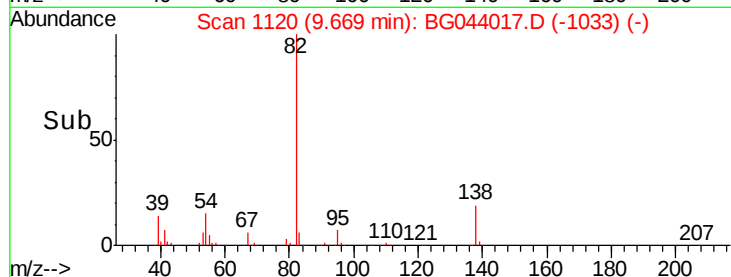
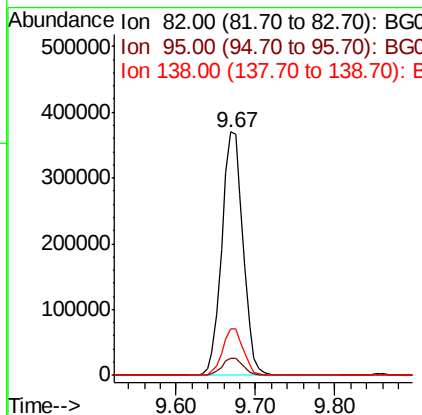
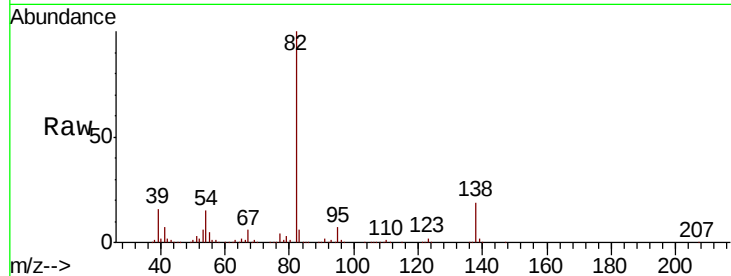
ClientSampleId :

PB126034BS

Tot Ion:	82	Resp:	682729
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	19.3	14.6	22.0

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#26

2-Nitrophenol

Concen: 49.463 ng

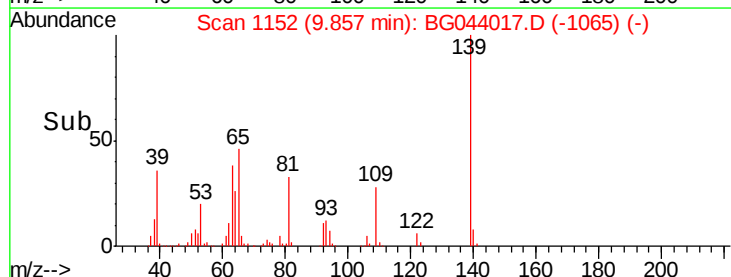
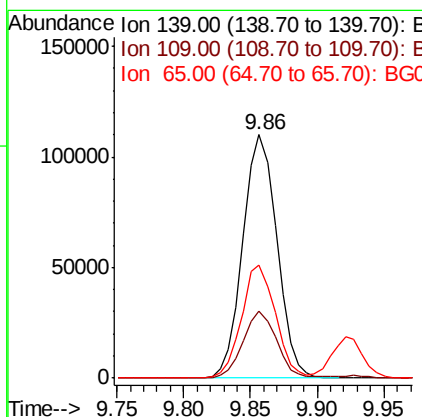
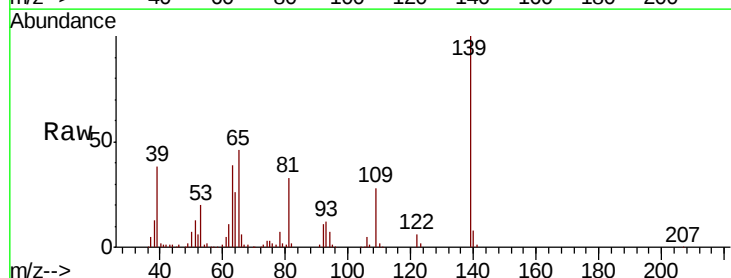
RT: 9.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:	139	Resp:	195049
Ion Ratio	Lower	Upper	
139	100		
109	27.7	21.3	31.9
65	46.4	38.6	57.8





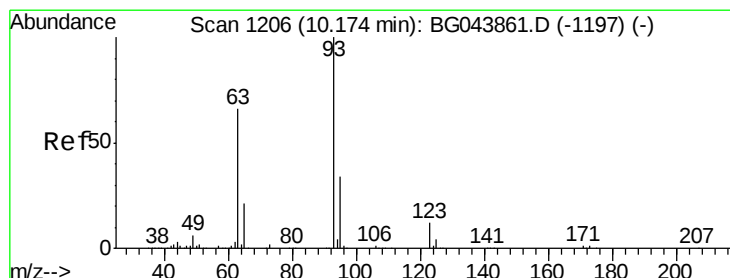
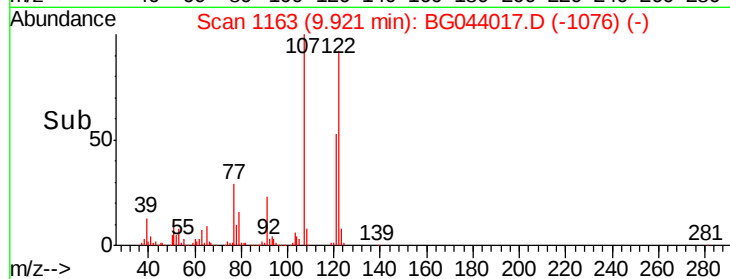
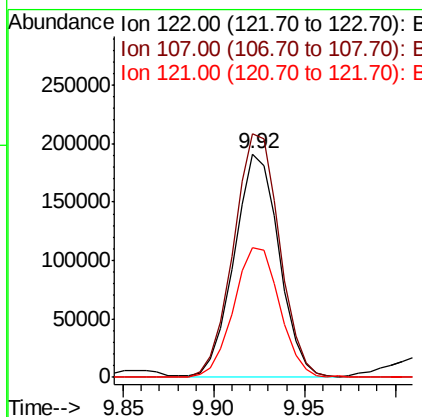
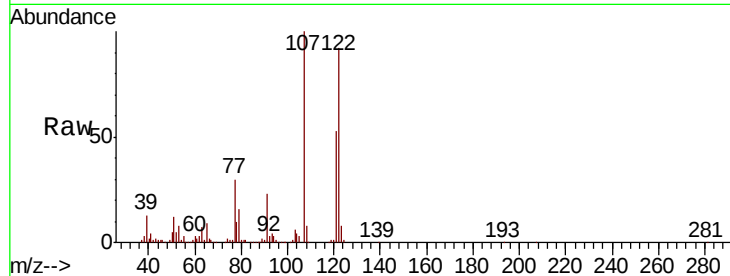
#27
2,4-Dimethylphenol
Concen: 55.364 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampled :
PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	109.0	88.0	132.0	
121	58.3	49.0	73.4	

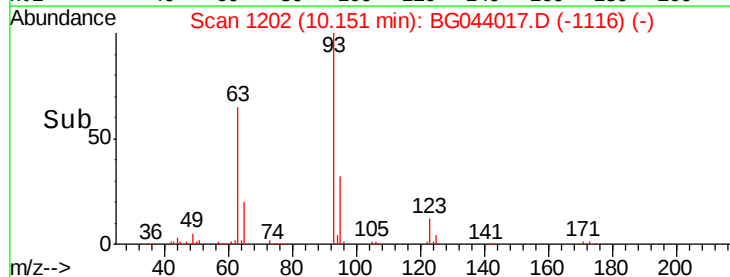
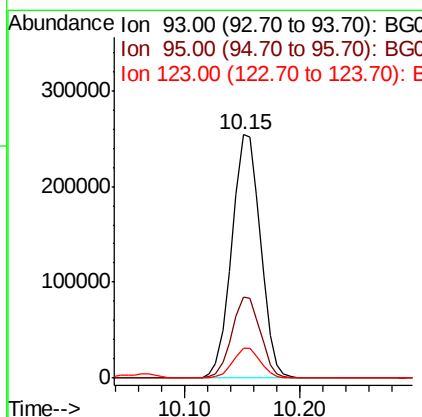
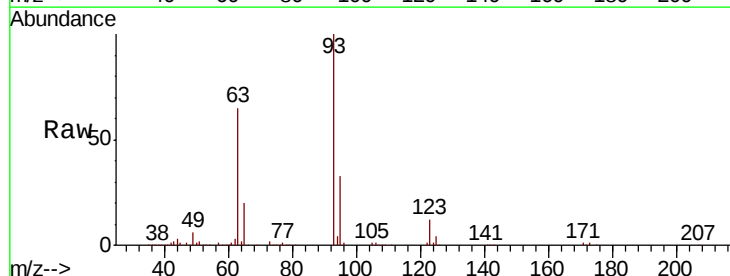
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#28
bis(2-Chloroethoxy)methane
Concen: 41.624 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.2	27.2	40.8	
123	12.1	9.7	14.5	





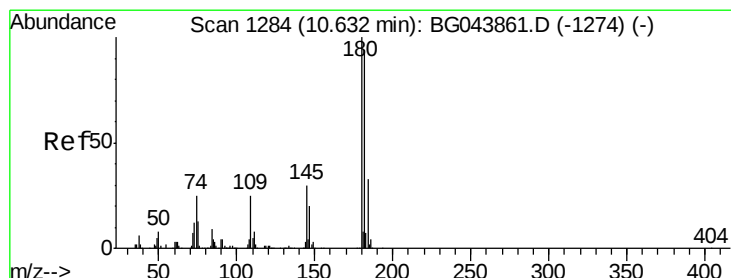
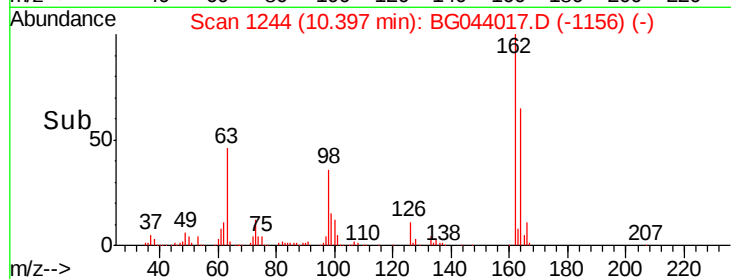
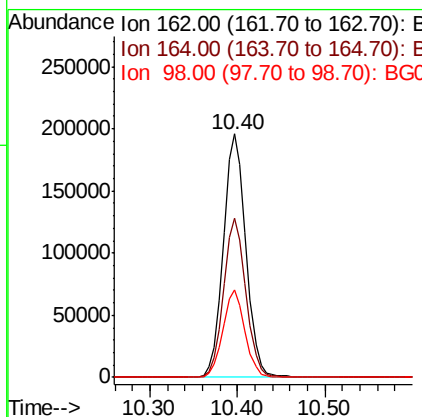
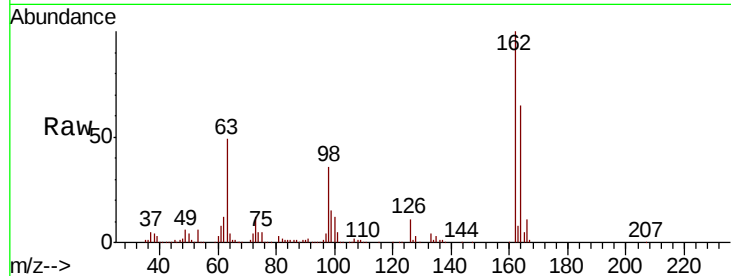
#29
2,4-Dichlorophenol
Concen: 48.999 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	346937		
164	65.1	46.3	86.3	
98	35.9	17.3	57.3	

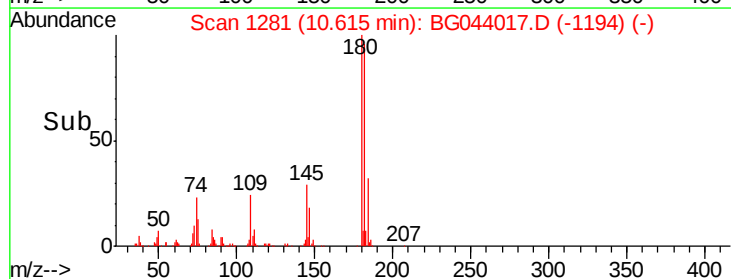
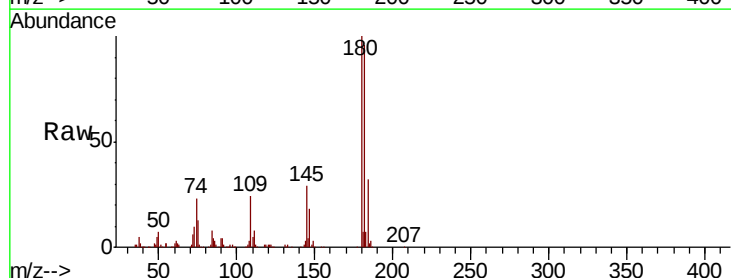
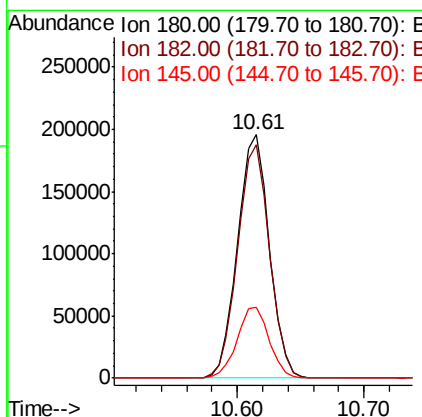
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#30
1,2,4-Trichlorobenzene
Concen: 42.684 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	338866		
182	95.7	75.0	112.4	
145	29.3	24.2	36.4	





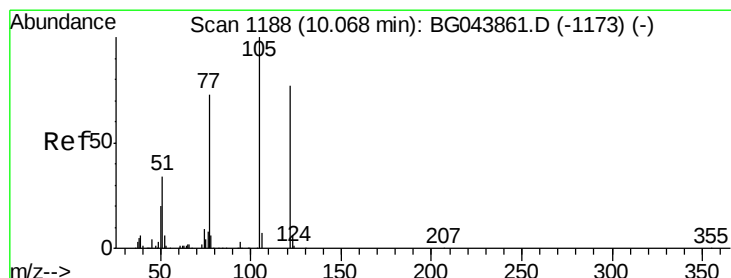
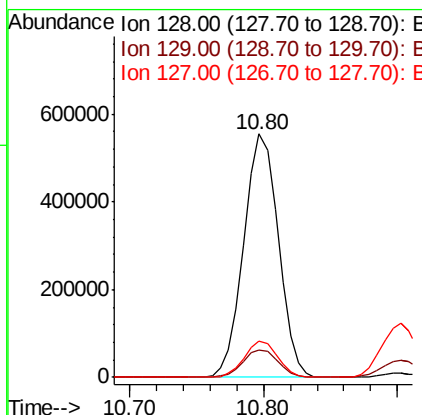
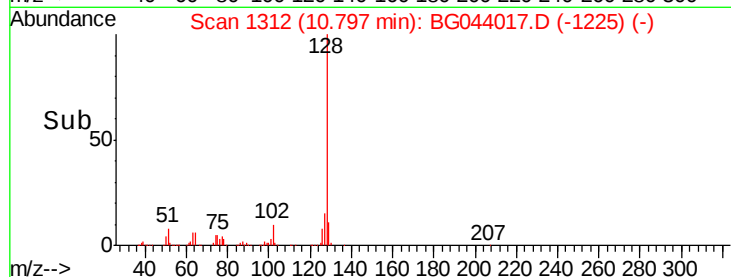
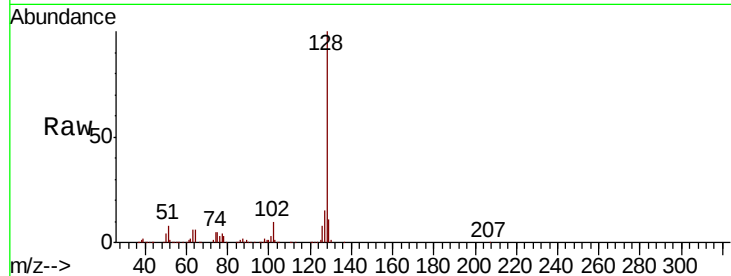
#31
Naphthalene
Concen: 45.701 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion:	128	Resp:	995613
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.8	14.6
127	15.0	12.0	18.0

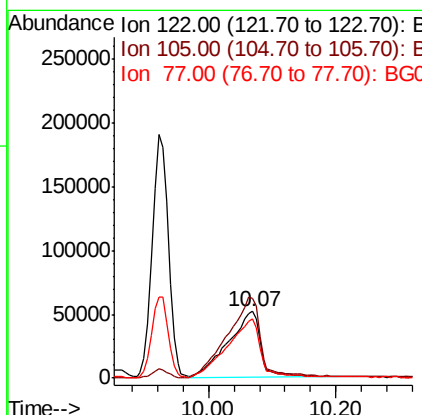
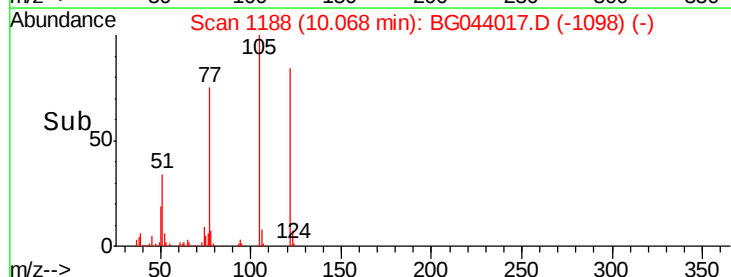
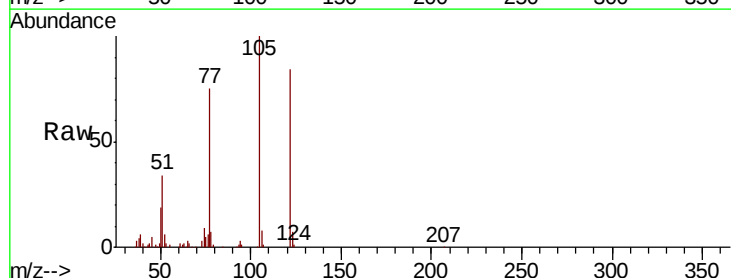
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#32
Benzoic acid
Concen: 39.866 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:	122	Resp:	186814
Ion Ratio	Lower	Upper	
122	100		
105	118.9	106.4	146.4
77	89.4	74.6	114.6





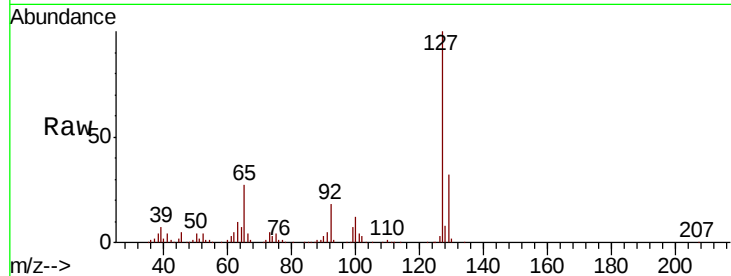
#33
4-Chloroaniline
Concen: 22.844 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

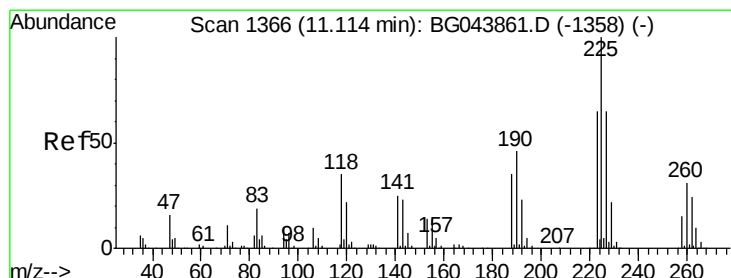
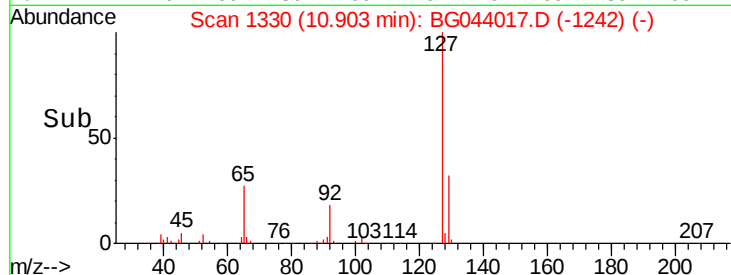
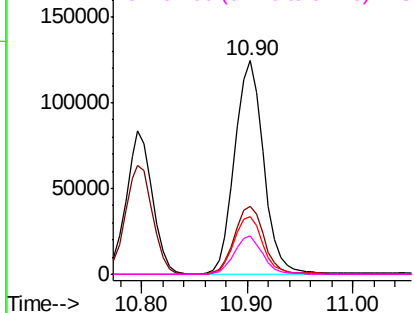
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		237366		
129	31.6	26.6	40.0		
65	27.1	23.3	34.9		
92	17.9	14.7	22.1		

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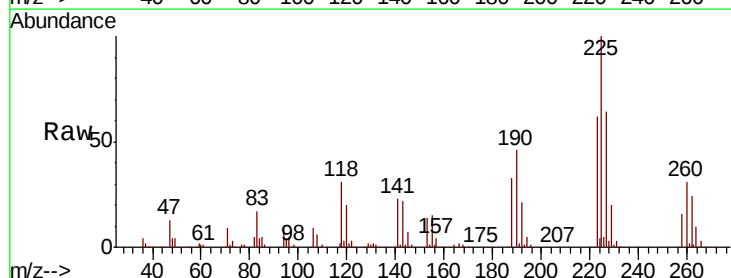


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

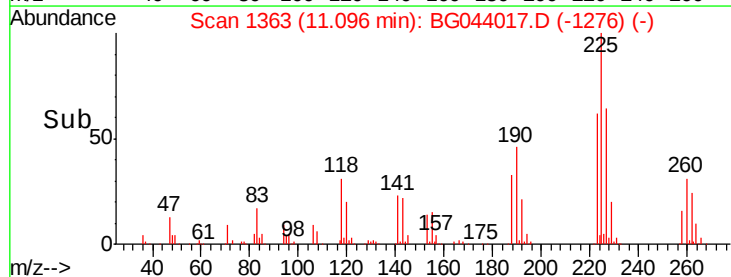
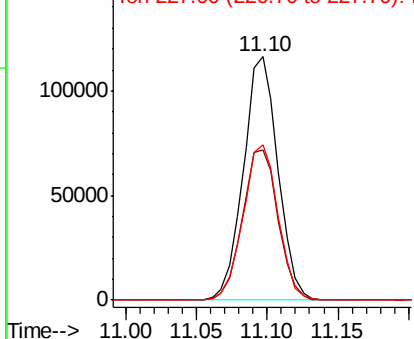


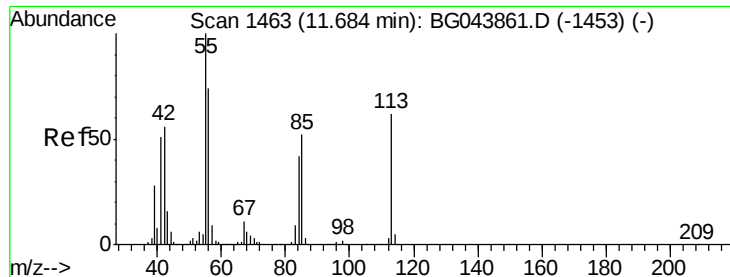
#34
Hexachlorobutadiene
Concen: 41.079 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		199117		
223	61.9	52.2	78.4		
227	63.7	52.1	78.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.406 ng/mL

RT: 11.67 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

PB126034BS

Tot Ion: 113 Resp: 127590

Ion Ratio Lower Upper

113 100

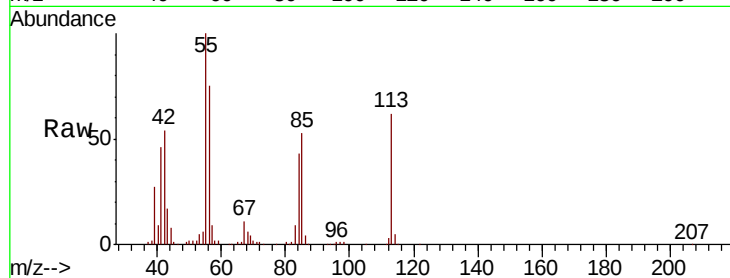
55 160.0 142.5 182.5

56 119.8 101.4 141.4

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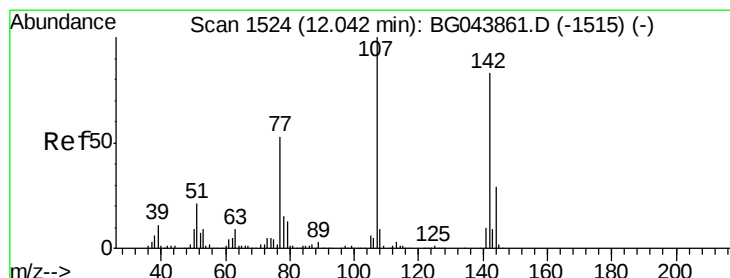
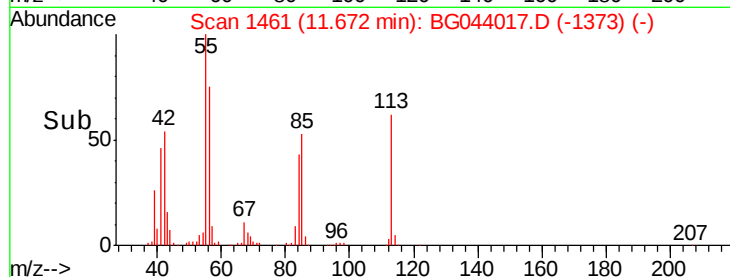
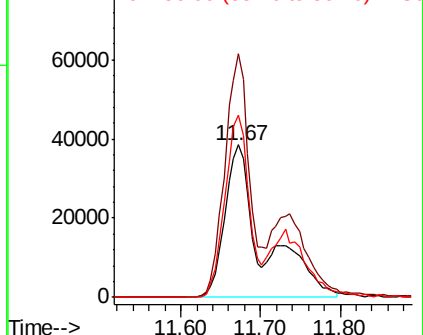


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.421 ng/mL

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

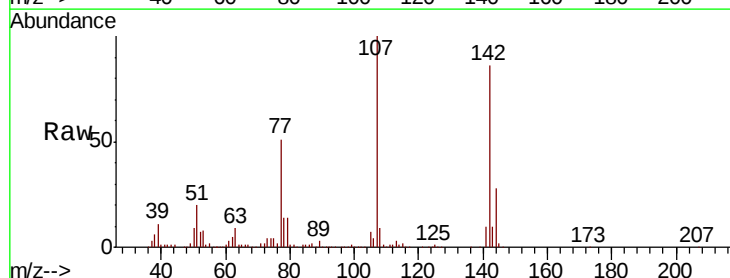
Tgt Ion: 107 Resp: 357440

Ion Ratio Lower Upper

107 100

144 27.8 23.4 35.2

142 85.9 66.3 99.5

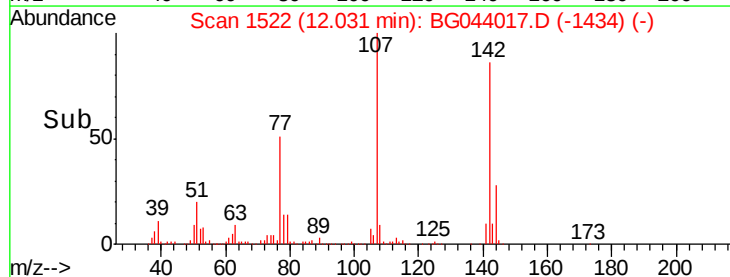
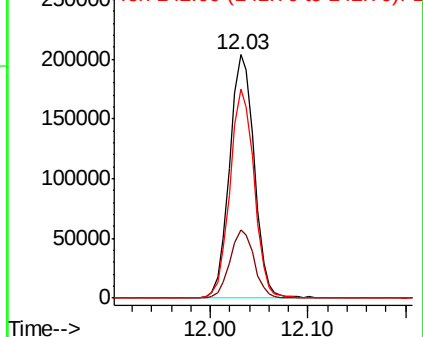


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





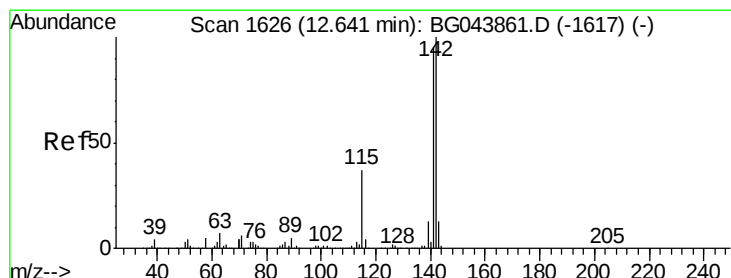
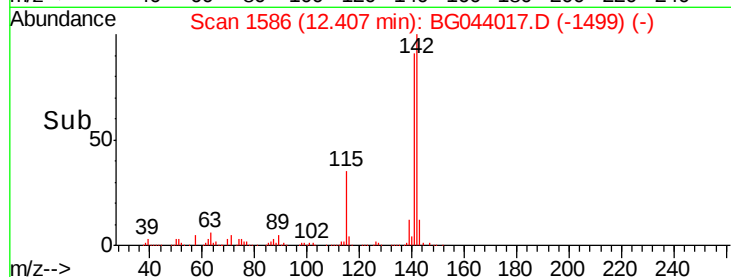
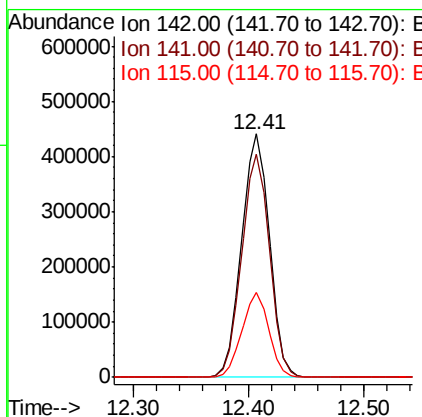
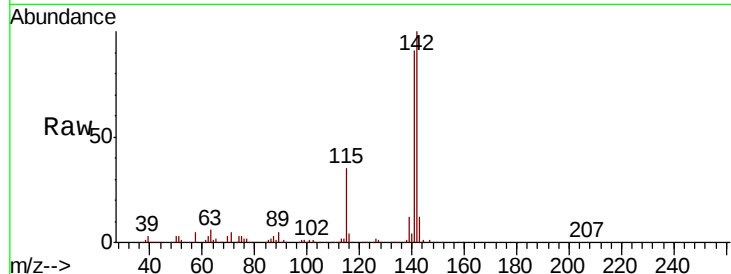
#37
2-Methylnaphthalene
Concen: 45.039 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.8	113.8
115	34.8	28.6	42.8

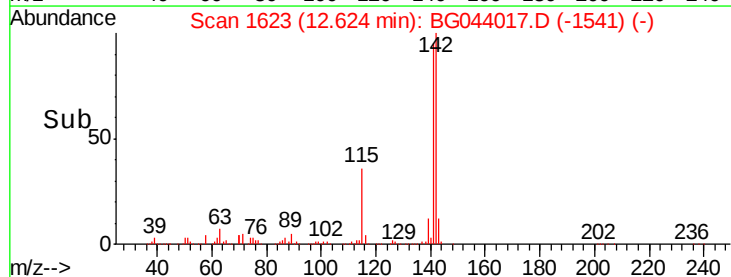
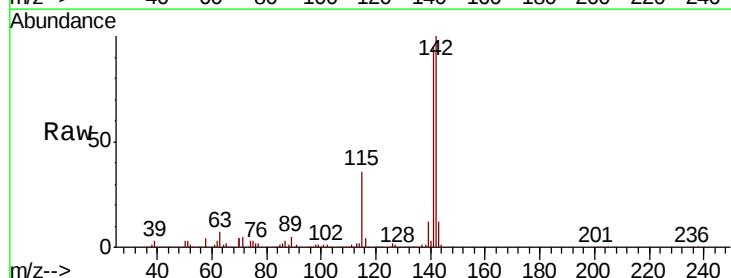
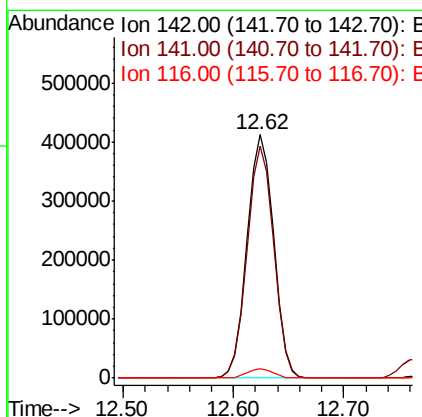
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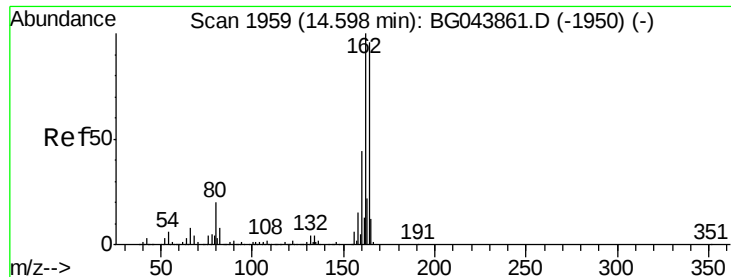
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#38
1-Methylnaphthalene
Concen: 45.020 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.0	114.0
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

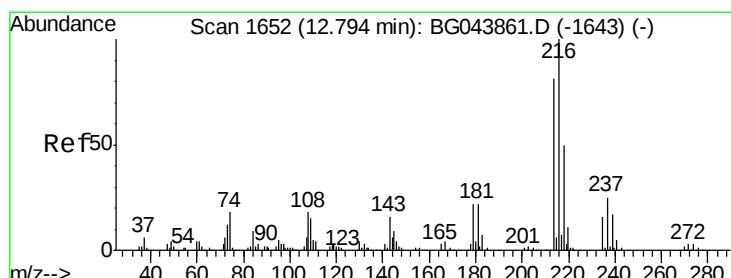
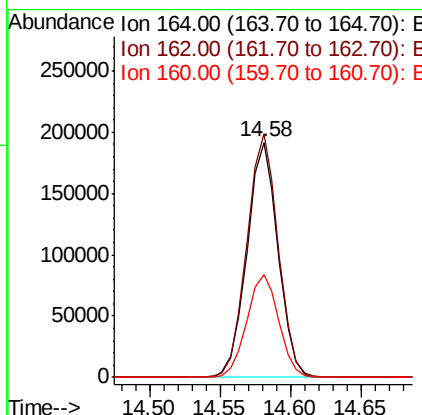
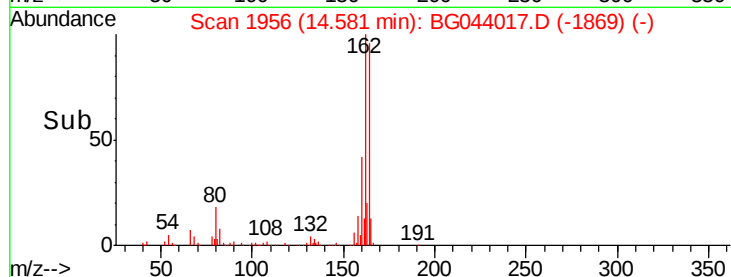
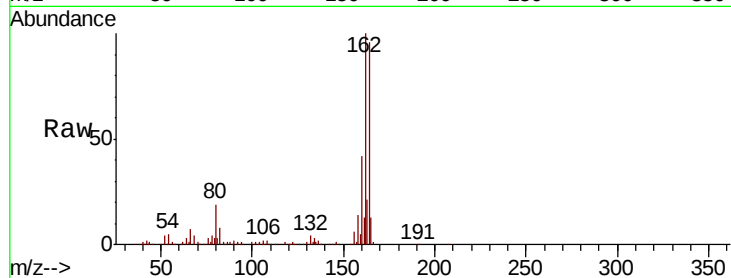
ClientSampleId :

PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.7	83.0	124.4	
160	43.9	36.1	54.1	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.020 ng

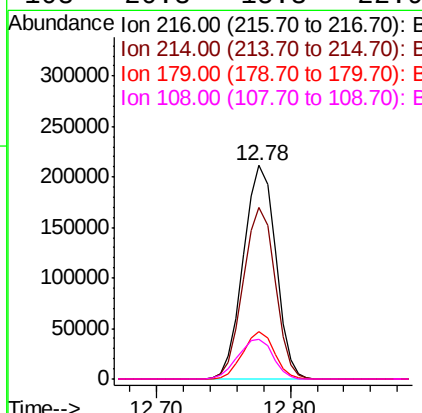
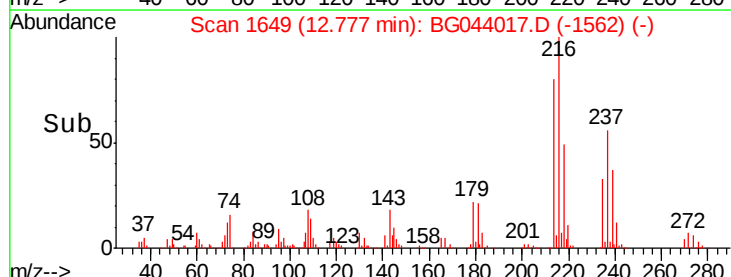
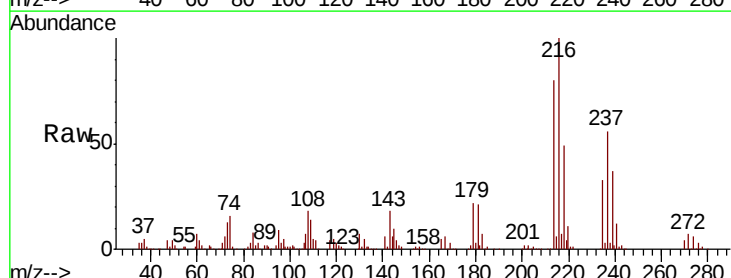
RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.8	95.8	
179	21.5	17.3	25.9	
108	20.3	15.3	22.9	





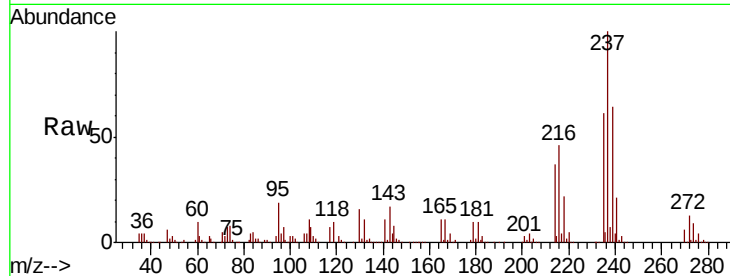
#41
Hexachlorocyclopentadiene
Concen: 94.996 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

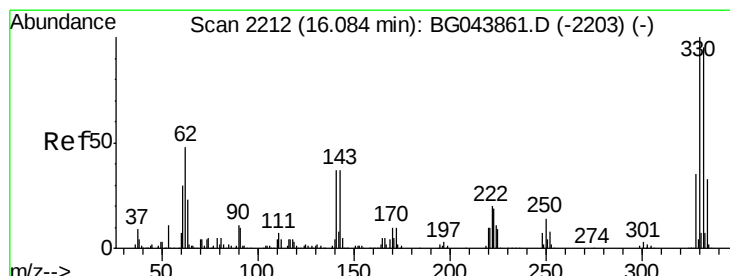
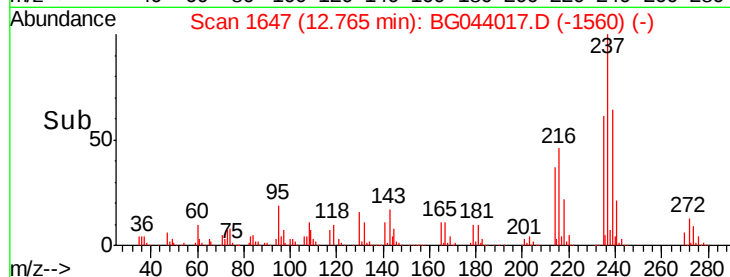
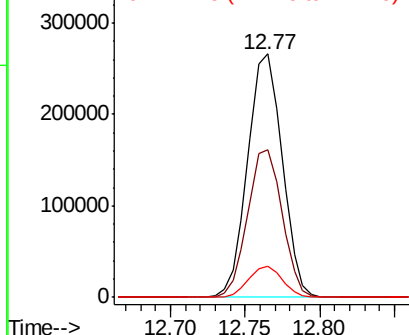
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.6	41.1	81.1
272	12.7	0.0	31.7

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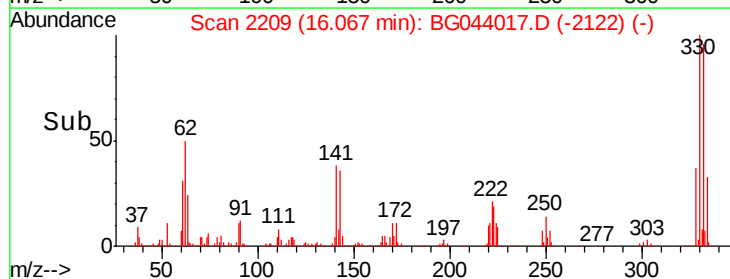
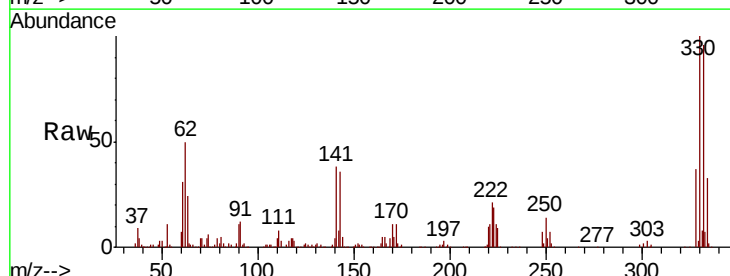
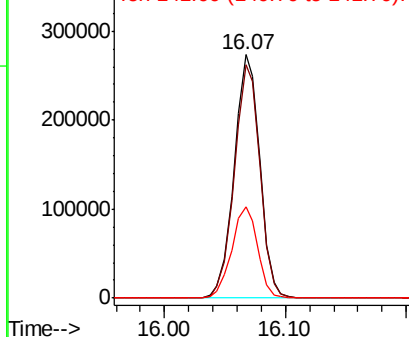
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 131.036 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	77.2	115.8
141	37.9	33.1	49.7

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





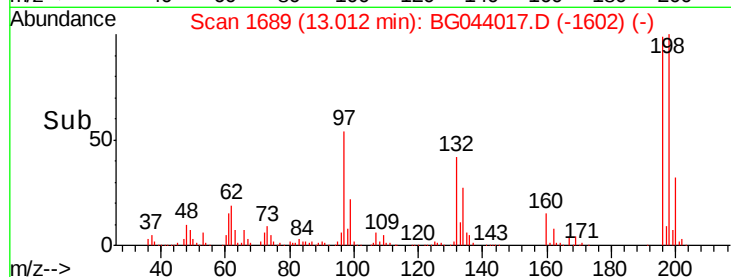
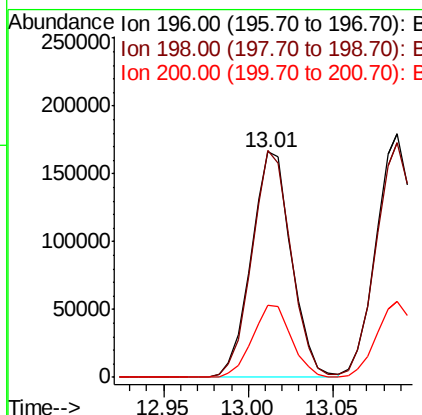
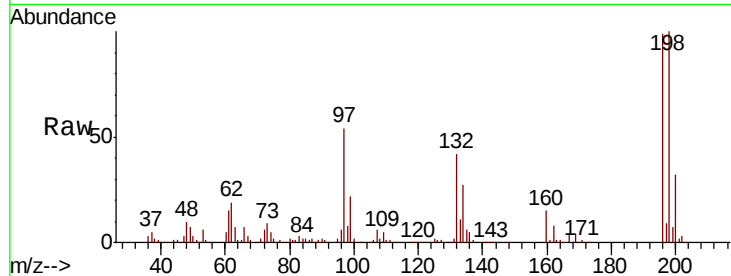
#43
 2,4,6-Trichlorophenol
 Concen: 46.018 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	273538		
198	100.7	76.6	115.0	
200	31.9	24.6	37.0	

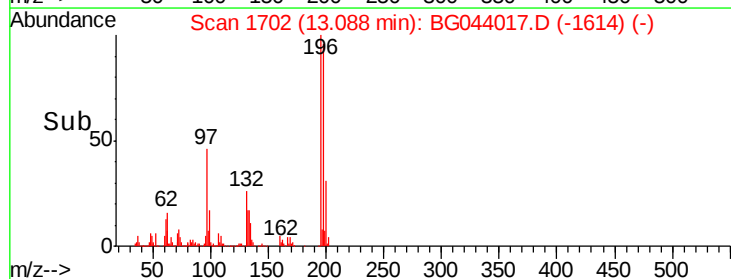
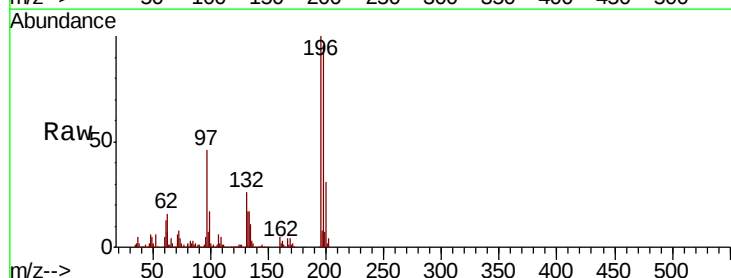
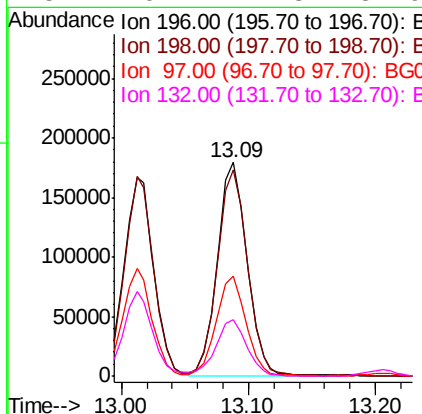
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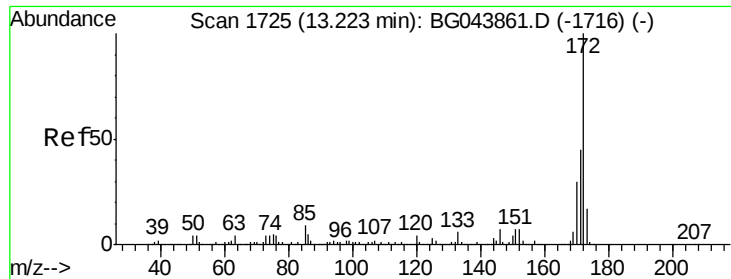
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.586 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291737		
198	96.4	78.3	117.5	
97	46.5	38.8	58.2	
132	26.1	21.3	31.9	





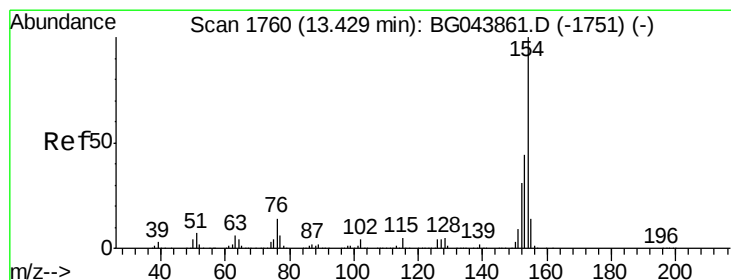
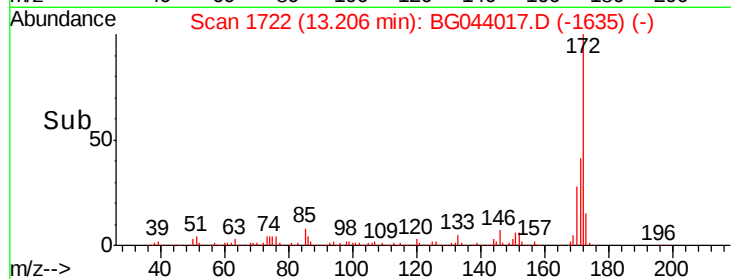
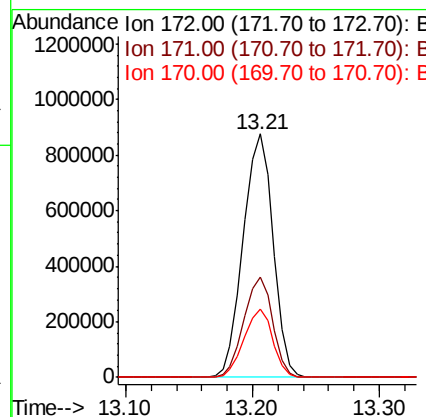
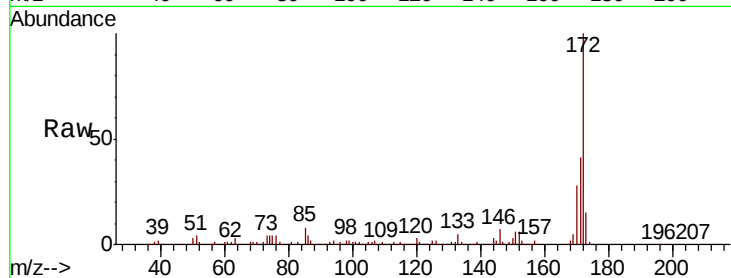
#45
2-Fluorobiphenyl
Concen: 88.046 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.2	35.8	53.8
170	28.0	24.2	36.4

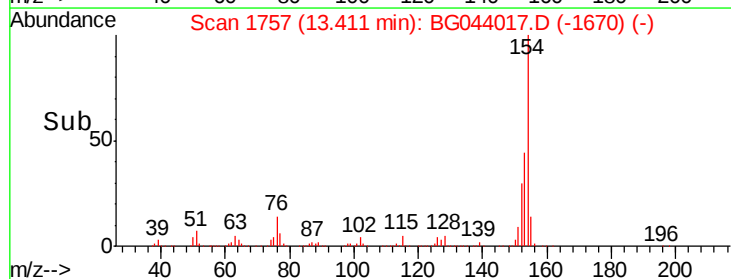
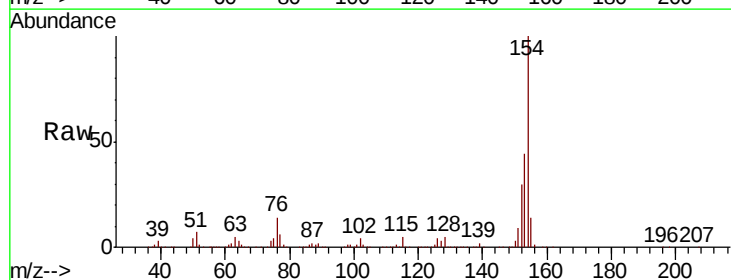
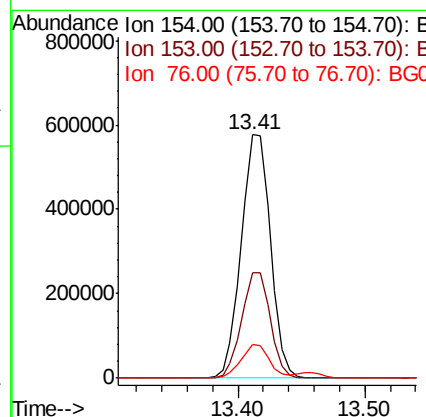
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#46
1,1'-Biphenyl
Concen: 43.471 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.6	63.6
76	13.8	0.0	34.4





#47

2-Chloronaphthalene

Concen: 42.799 ng

RT: 13.45 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

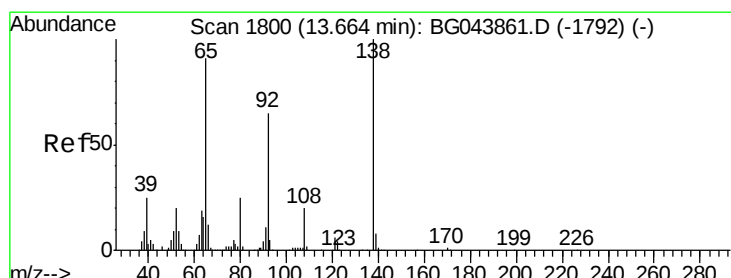
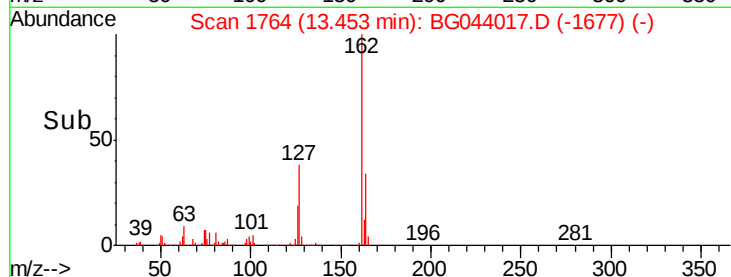
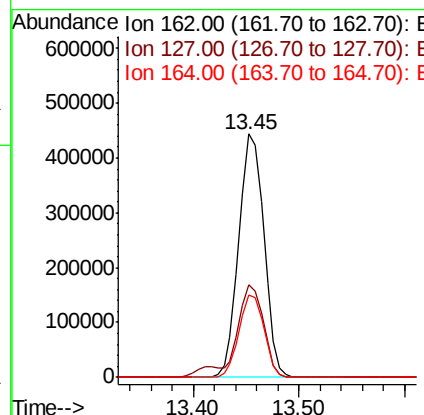
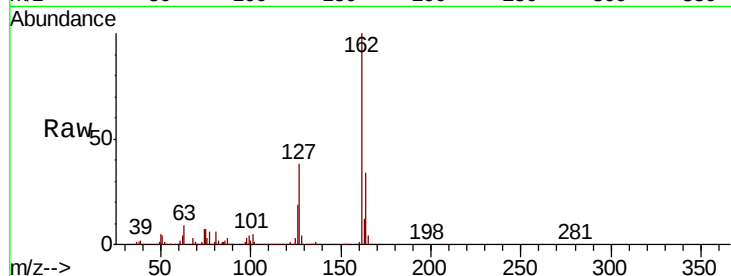
ClientSampleId :

PB126034BS

Tot Ion:	162	Resp:	730841
Ion Ratio	Lower	Upper	
162	100		
127	38.1	32.1	48.1
164	34.0	27.5	41.3

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#48

2-Nitroaniline

Concen: 40.867 ng

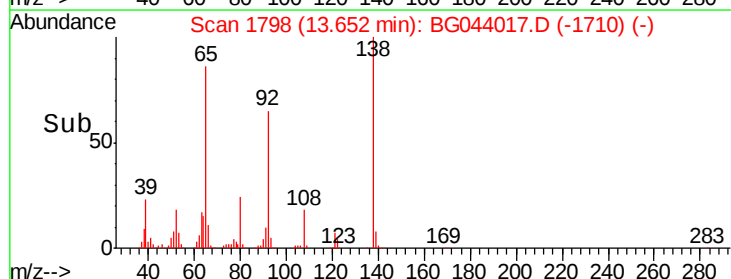
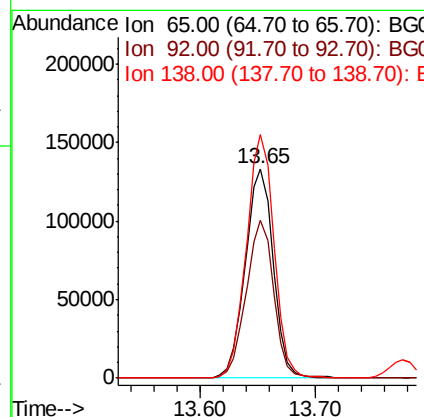
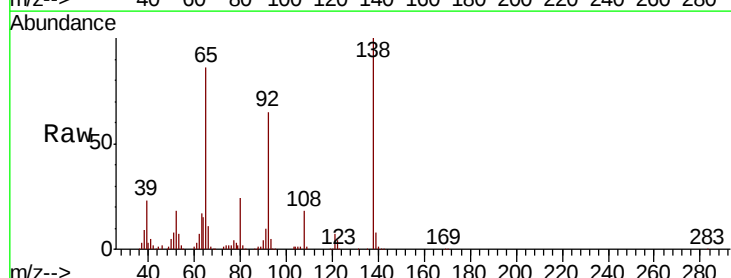
RT: 13.65 min Scan# 1798

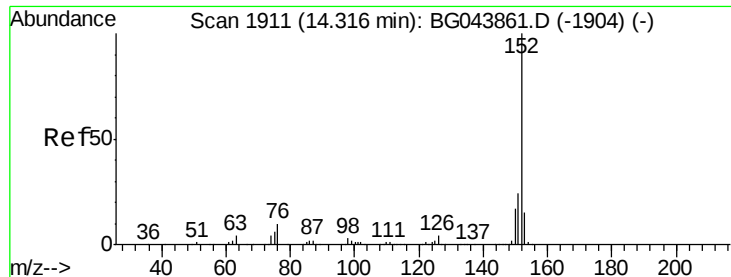
Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:	65	Resp:	224479
Ion Ratio	Lower	Upper	
65	100		
92	75.2	57.4	86.2
138	116.3	88.2	132.4





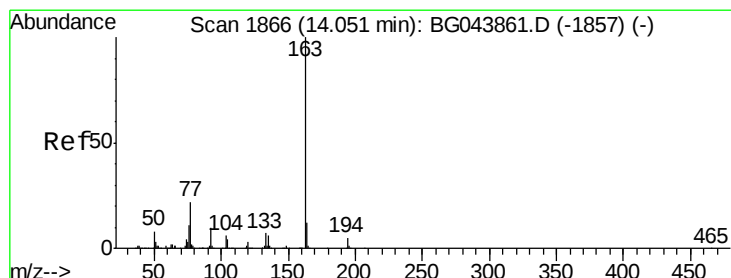
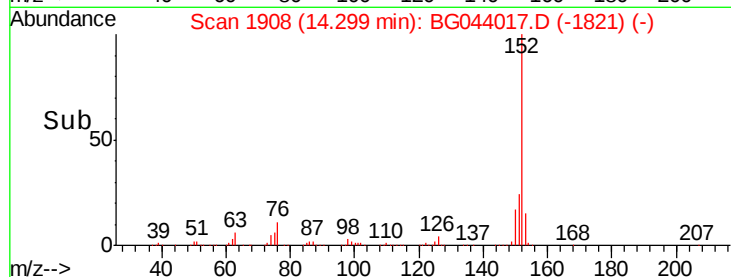
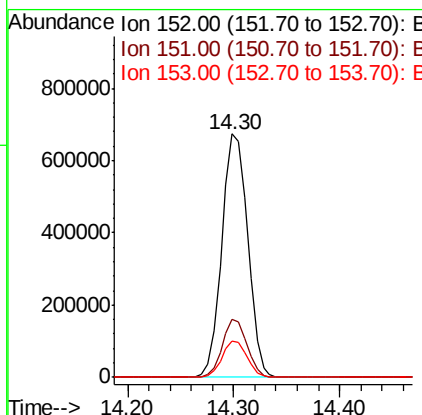
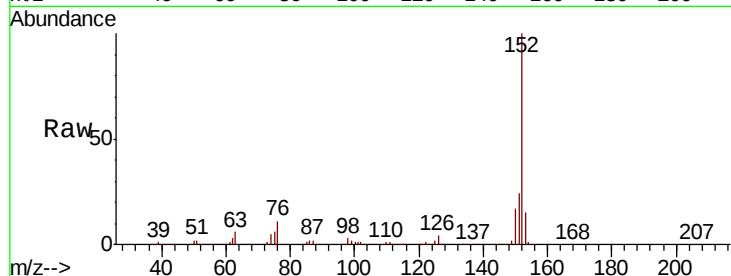
#49
Acenaphthylene
Concen: 46.651 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.6	19.4	29.2
153	15.0	12.0	18.0

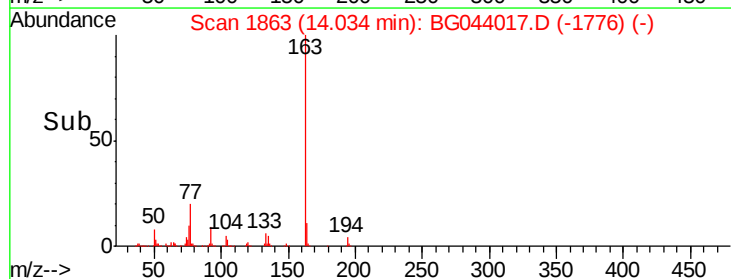
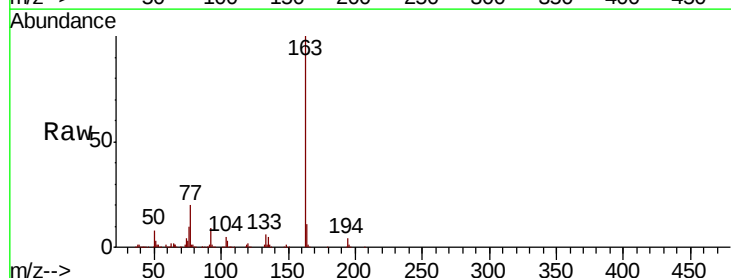
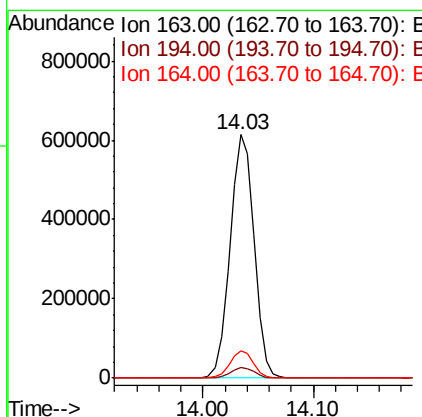
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#50
Dimethylphthalate
Concen: 44.566 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.2	9.3	13.9





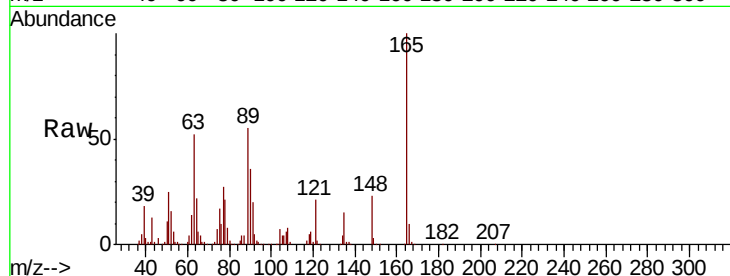
#51
2,6-Dinitrotoluene
Concen: 45.696 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

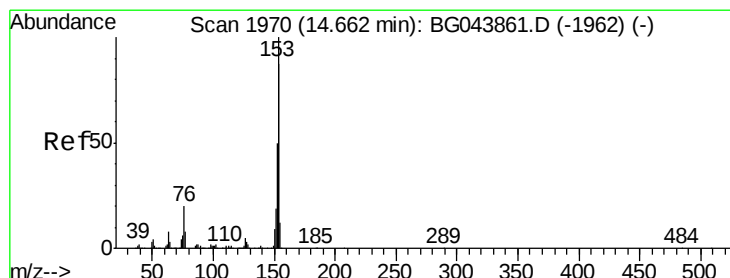
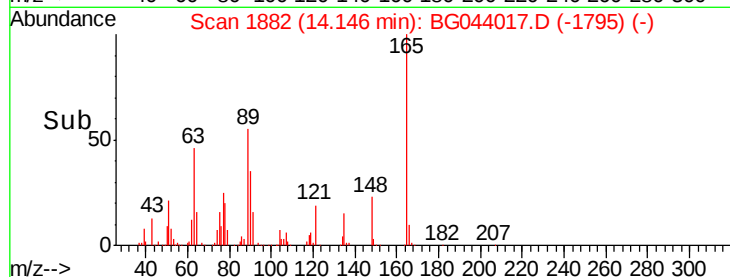
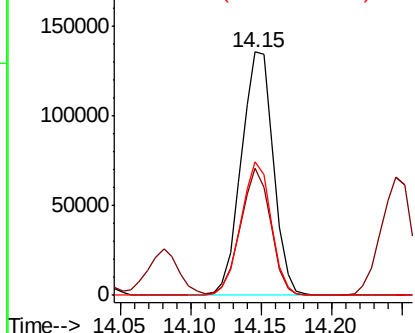
Tot Ion	Ratio	Resp	Lower	Upper
165	100	216147		
63	52.5	43.1	64.7	
89	54.9	43.8	65.6	

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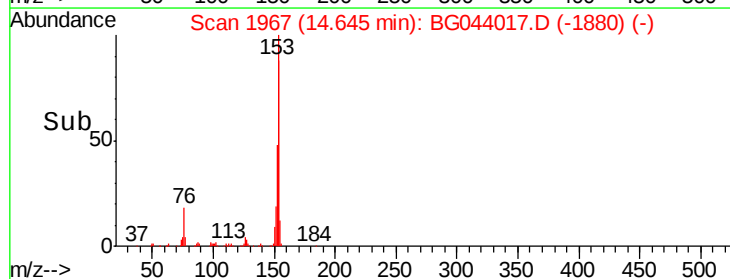
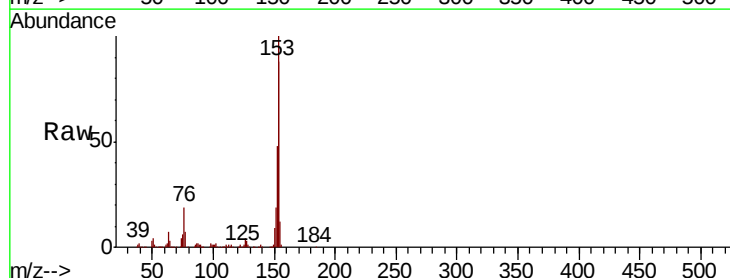
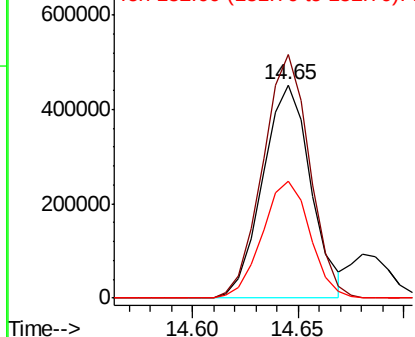
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



#52
Acenaphthene
Concen: 41.687 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	717526		
153	114.1	91.6	137.4	
152	54.9	45.4	68.0	

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





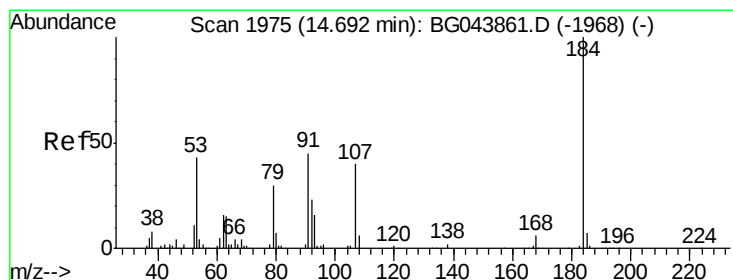
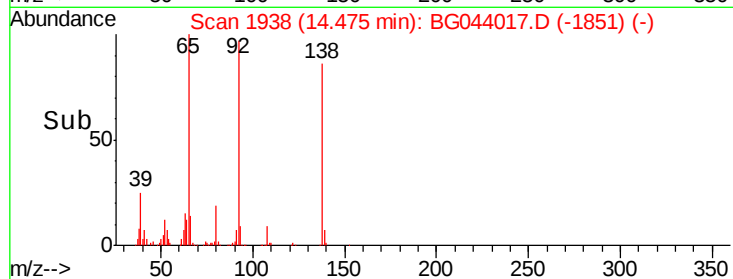
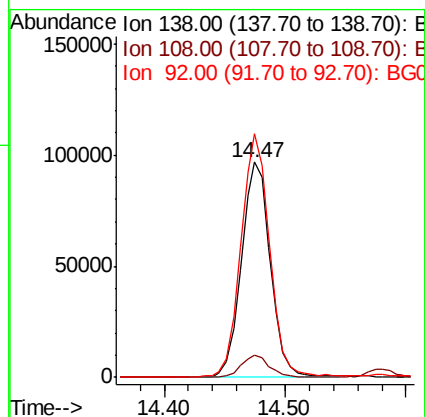
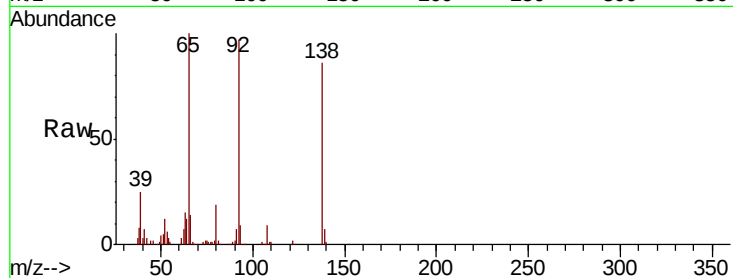
#53
3-Nitroaniline
Concen: 30.090 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.1	7.4	11.2	
92	113.2	92.1	138.1	

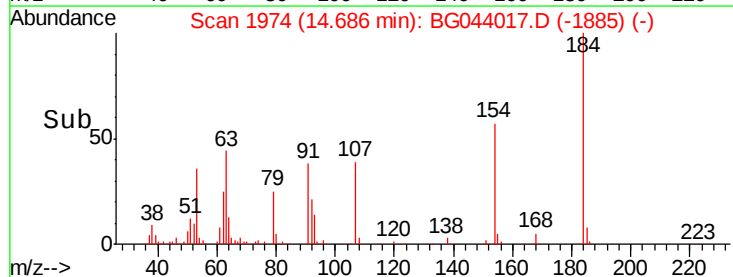
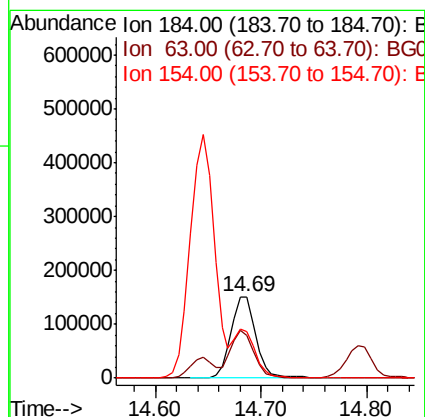
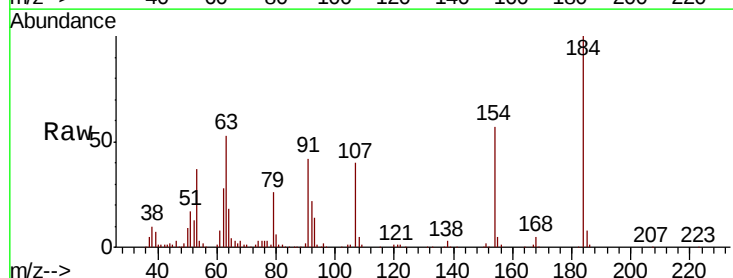
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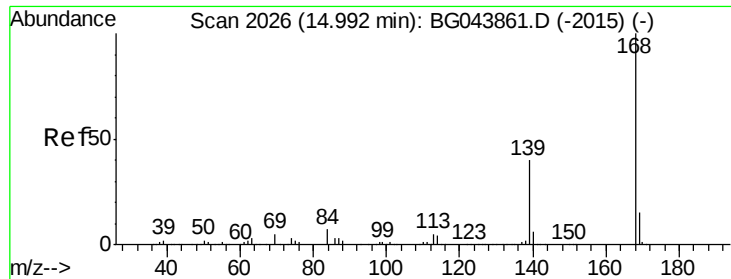
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#54
2,4-Dinitrophenol
Concen: 100.415 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.4	46.6	70.0	
154	57.5	50.2	75.4	





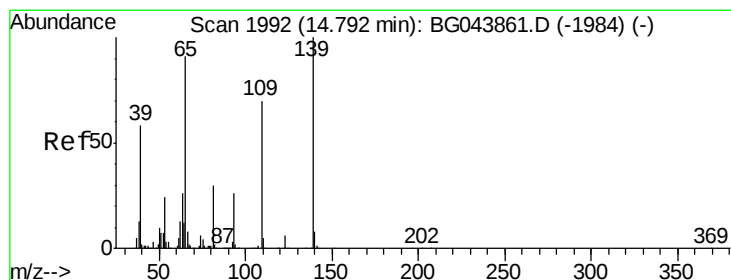
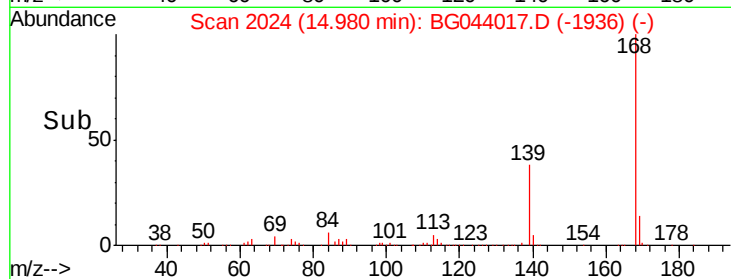
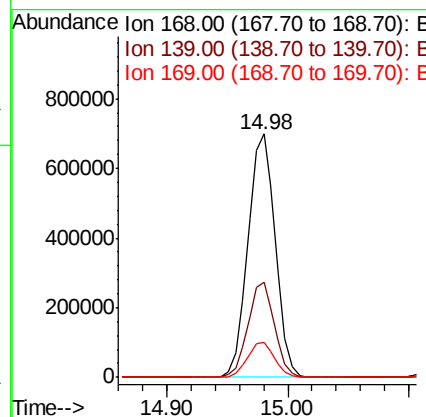
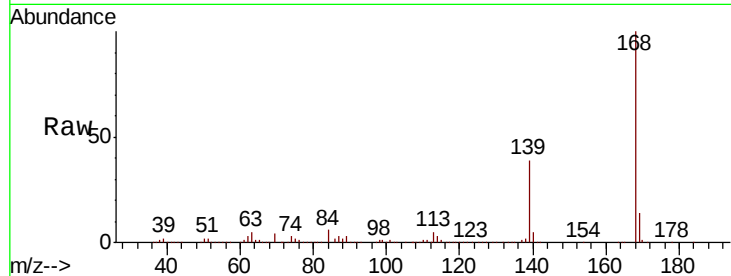
#55
Dibenzenofuran
Concen: 46.472 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.2	48.2
169	14.4	12.2	18.2

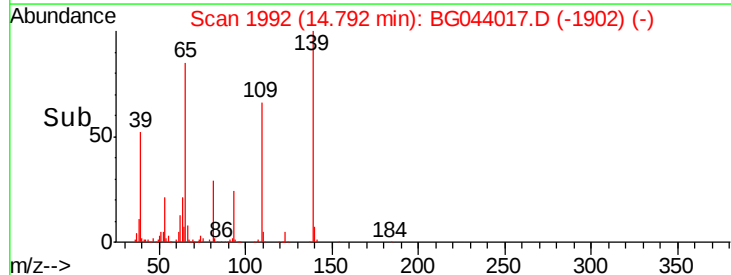
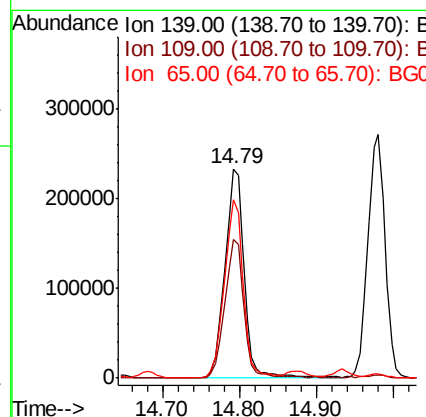
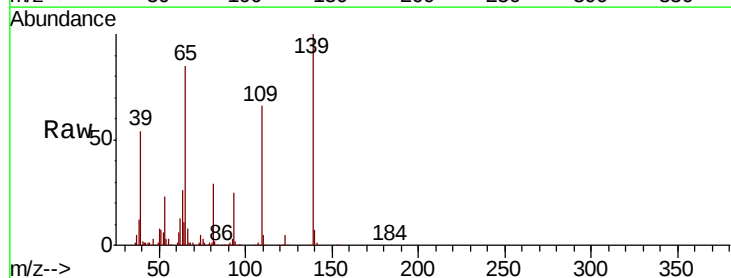
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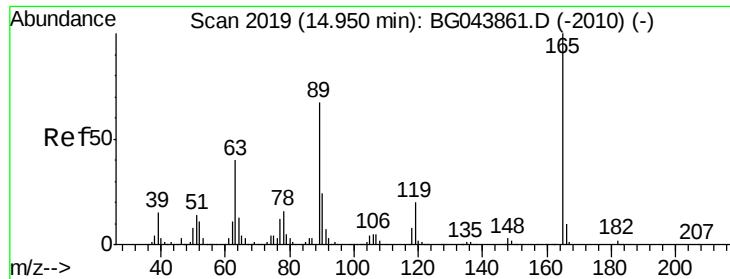
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#56
4-Nitrophenol
Concen: 98.856 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	50.4	90.4
65	85.4	71.4	111.4





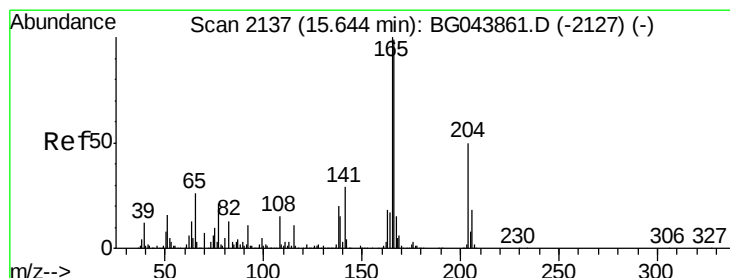
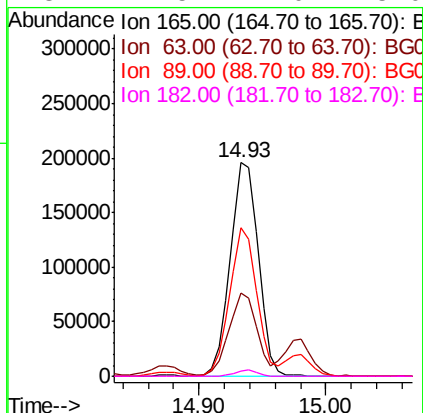
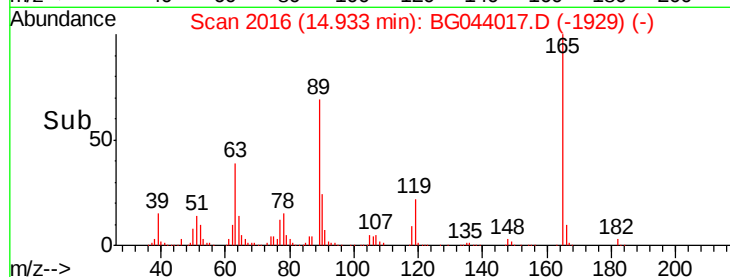
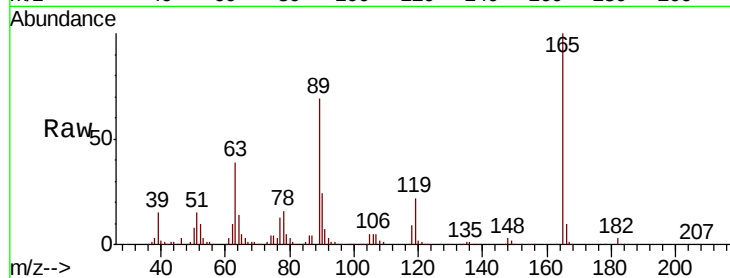
#57
2,4-Dinitrotoluene
Concen: 46.632 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	300134		
63	39.1		31.9	47.9
89	69.3		53.8	80.6
182	2.5		2.0	3.0

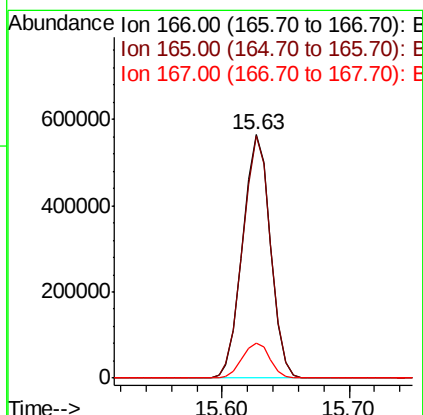
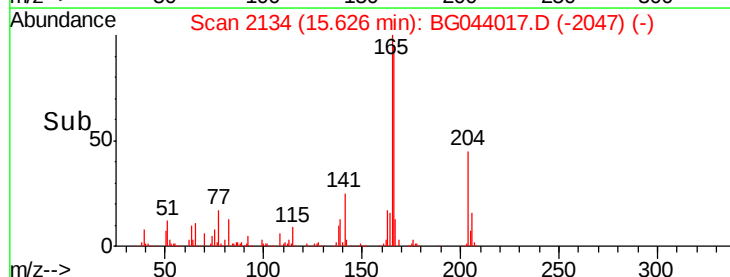
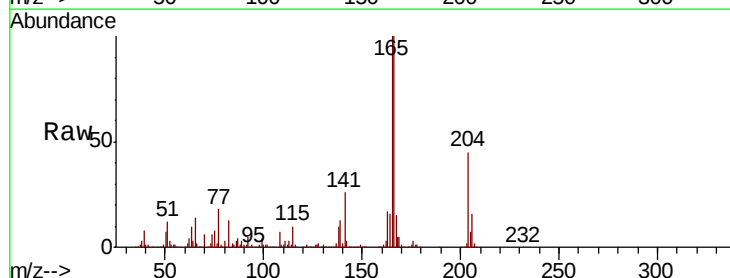
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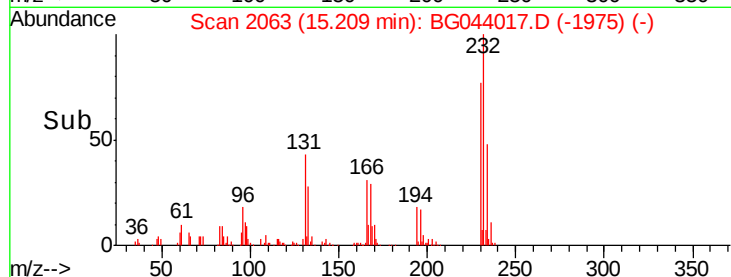
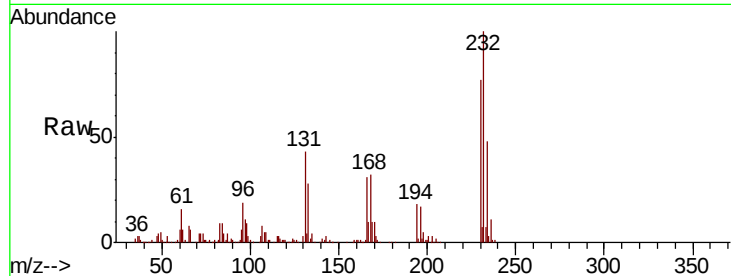
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#58
Fluorene
Concen: 45.727 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	858772		
165	99.6		80.8	121.2
167	14.6		12.1	18.1





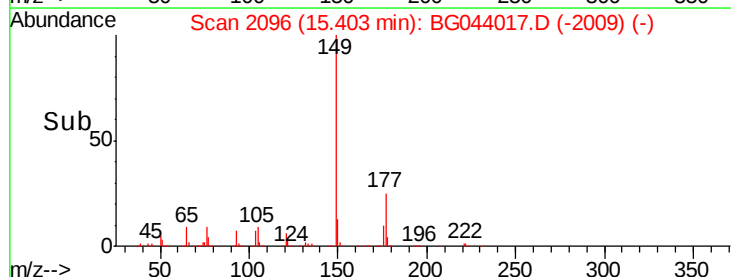
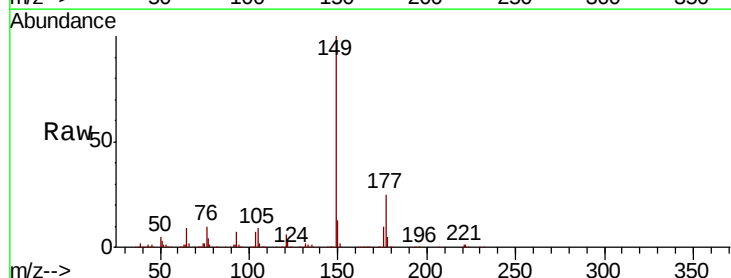
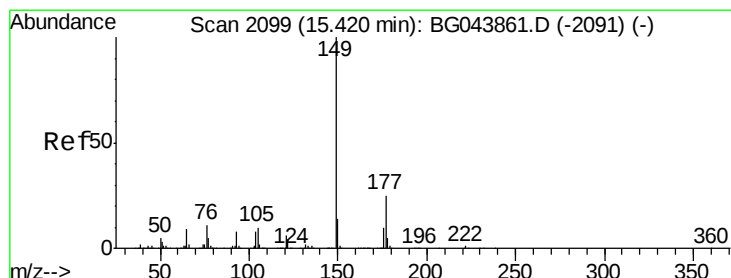
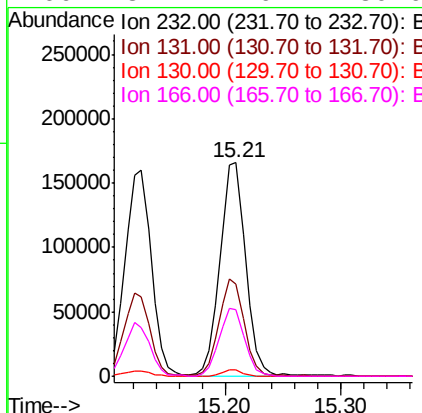
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.409 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	255201		
131	45.2	38.2	57.2	
130	2.7	2.2	3.2	
166	31.4	26.4	39.6	

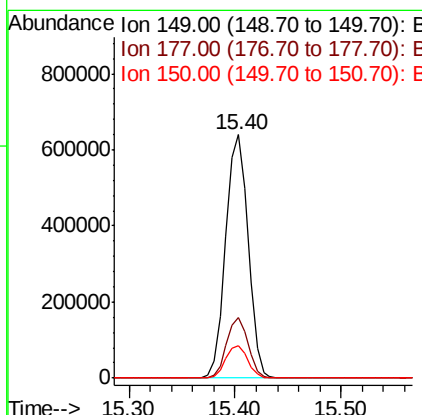
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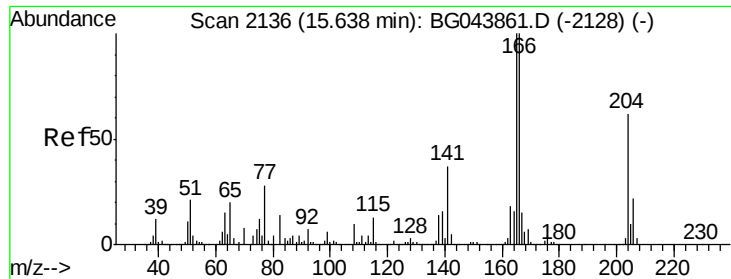
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#60
Diethylphthalate
Concen: 44.758 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	936856		
177	24.7	20.0	30.0	
150	13.4	11.1	16.7	





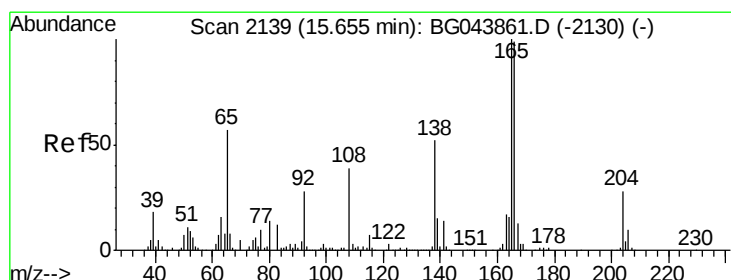
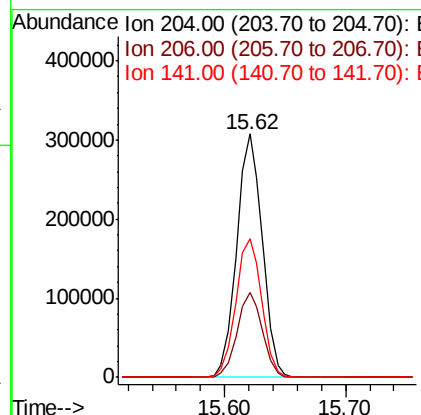
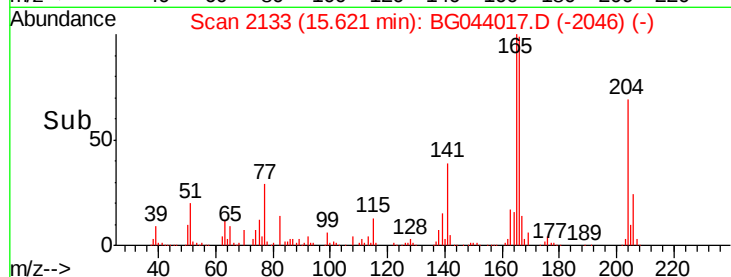
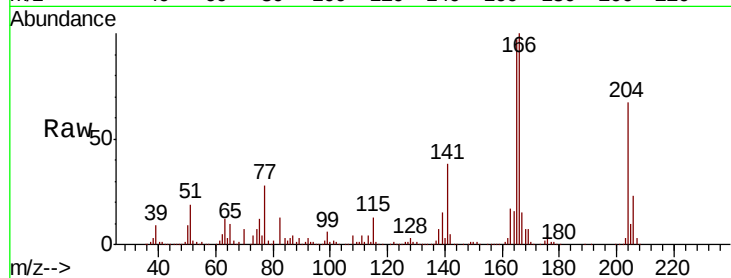
#61
4-Chlorophenyl-phenylether
Concen: 44.268 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.2	42.2
141	56.8	48.2	72.2

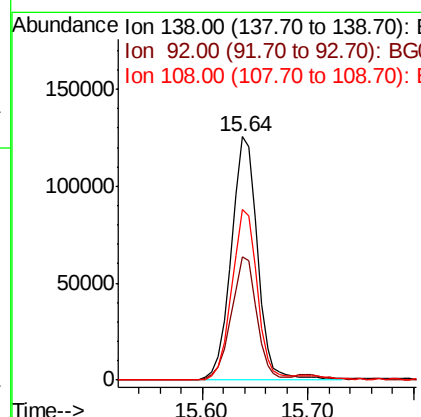
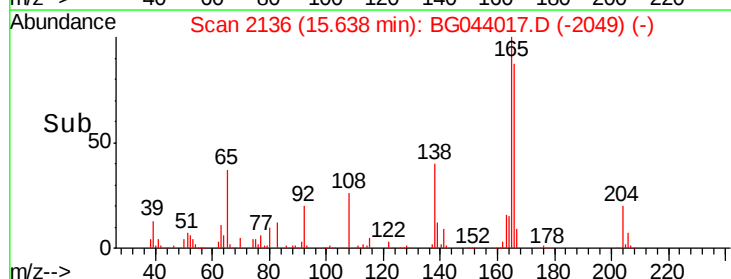
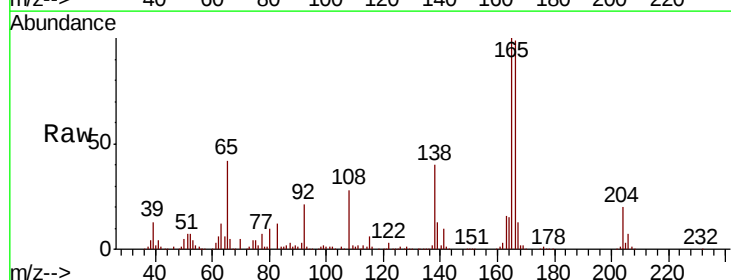
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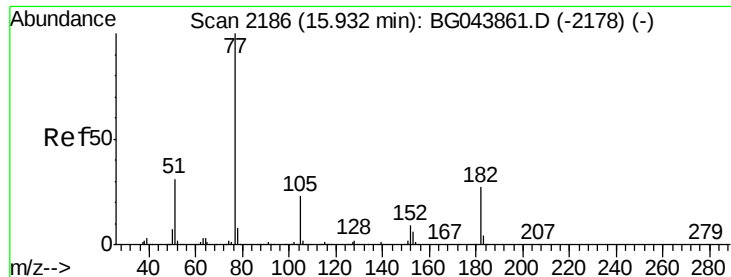
mohammad
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#62
4-Nitroaniline
Concen: 40.718 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	34.3	74.3
108	70.2	55.0	95.0





#63

Azobenzene

Concen: 44.038 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

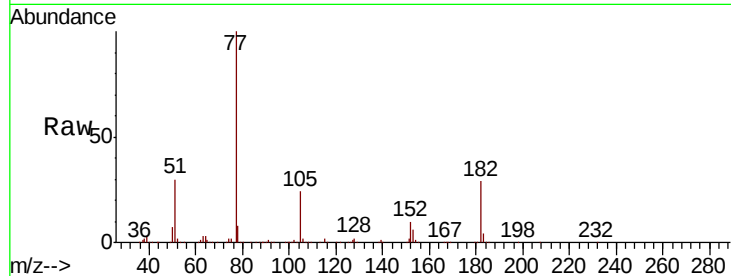
ClientSampleId :

PB126034BS

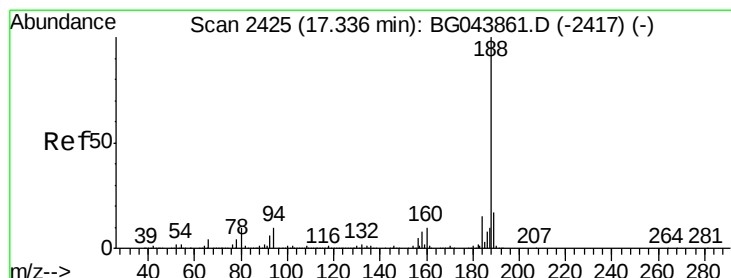
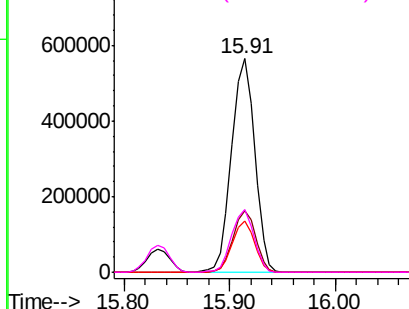
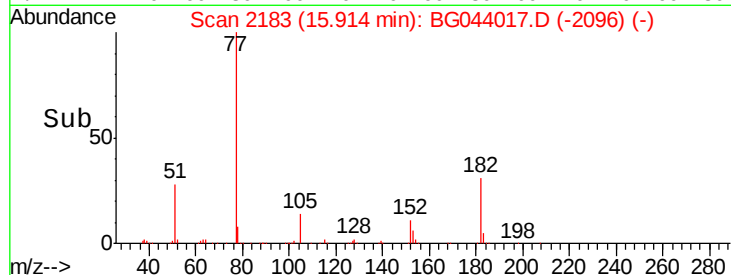
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		854853		
182	29.0	7.3	47.3		
105	24.2	3.2	43.2		
51	29.6	10.6	50.6		

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



#64

Phenanthrene-d10

Concen: 20.000 ng

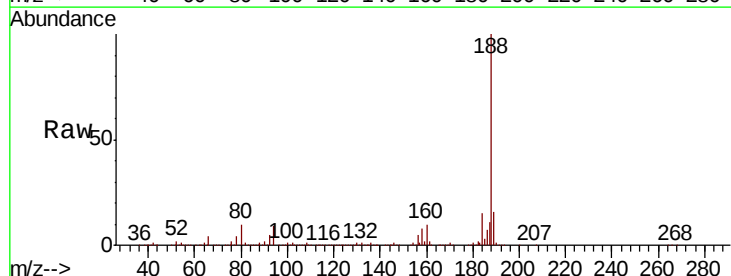
RT: 17.32 min Scan# 2423

Delta R.T. -0.01 min

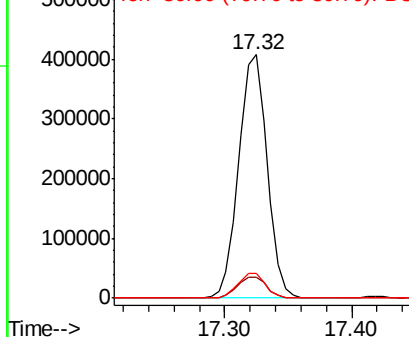
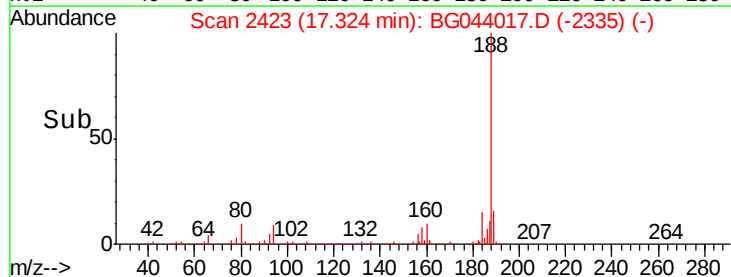
Lab File: BG044017.D

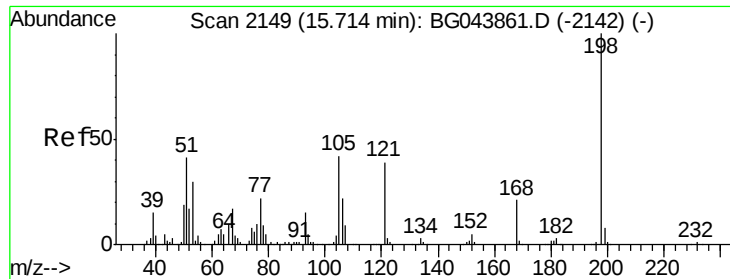
Acq: 13 Jan 2020 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		631399		
94	8.7	7.9	11.9		
80	9.9	8.2	12.4		



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





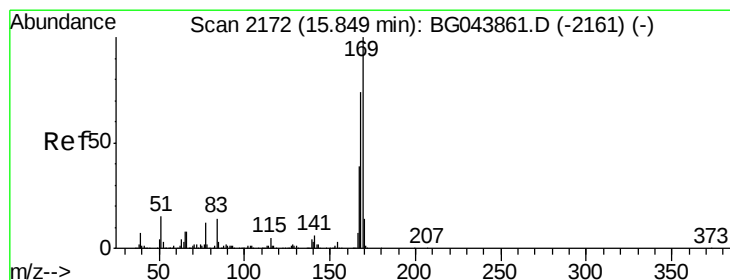
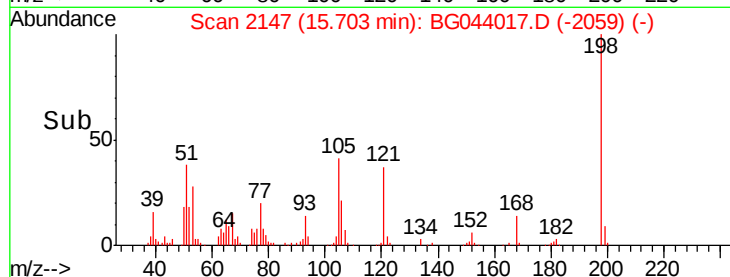
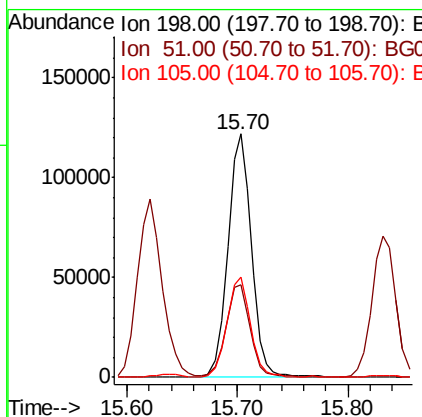
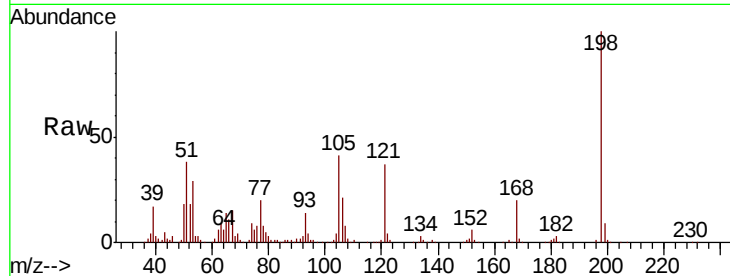
#65
4,6-Dinitro-2-methylphenol
Concen: 55.110 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	181609		
51	37.9		22.5	62.5
105	41.2		22.3	62.3

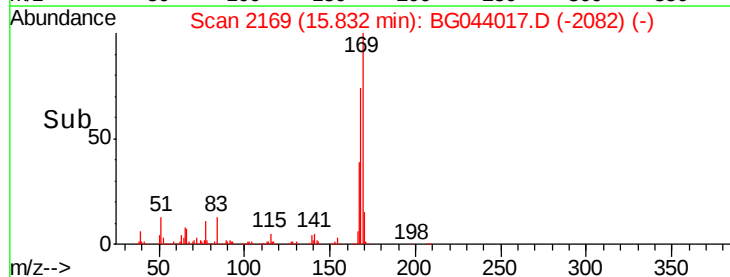
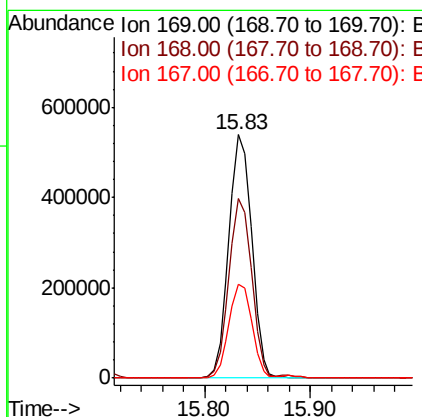
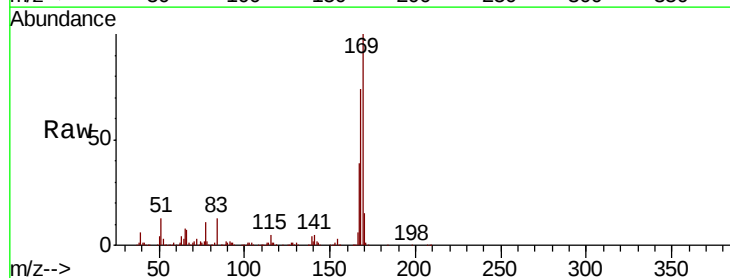
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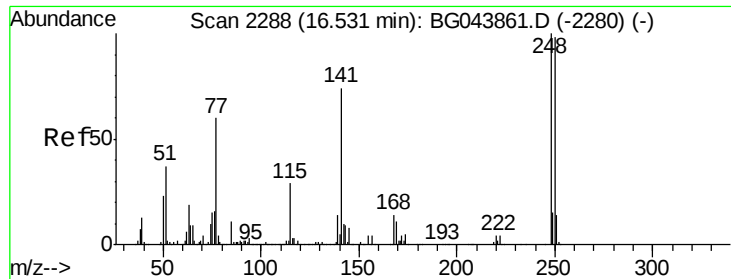
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#66
n-Nitrosodiphenylamine
Concen: 43.530 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	809397		
168	73.7		59.0	88.6
167	38.7		31.4	47.0





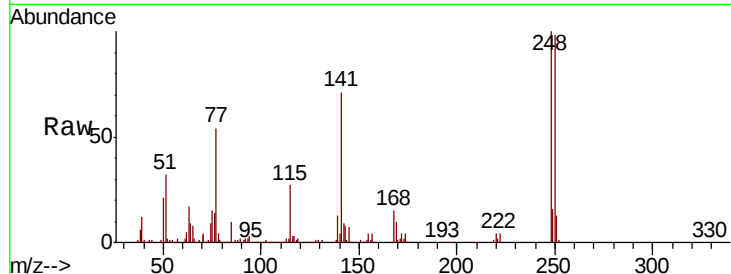
#67
4-Bromophenyl-phenylether
Concen: 41.427 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampled :
PB126034BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.2
141	71.3	59.3	88.9

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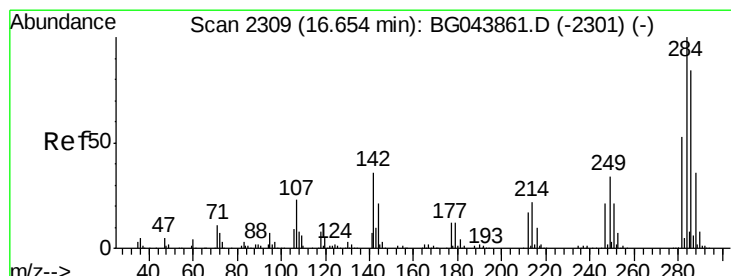
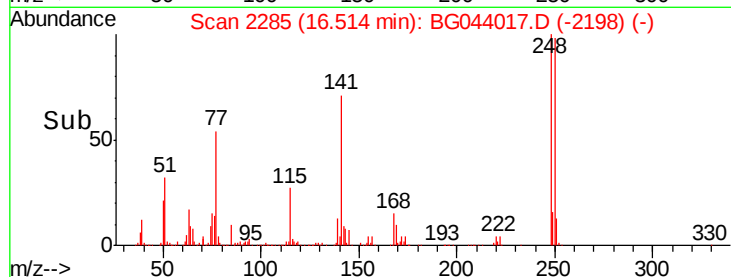
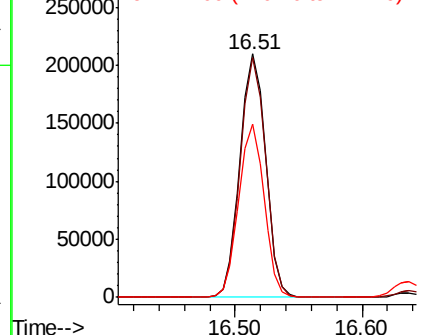


Abundance

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: 41.526 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

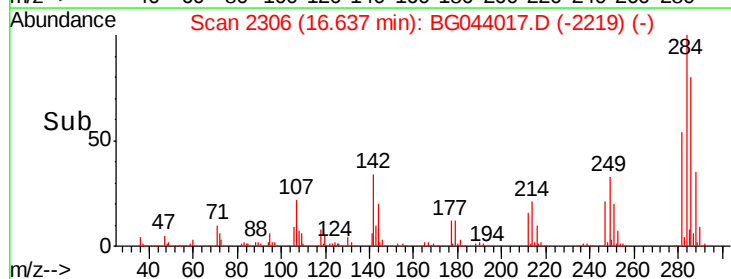
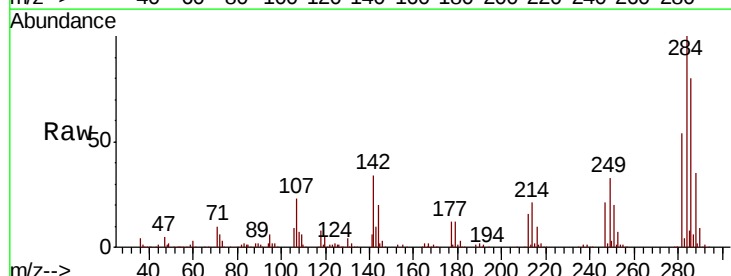
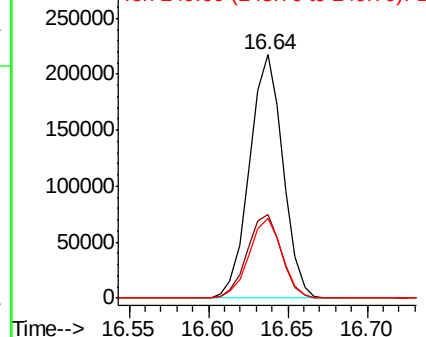
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.6	43.0
249	32.9	27.0	40.6

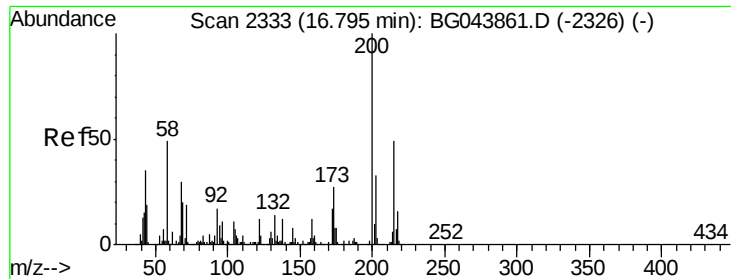
Abundance

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





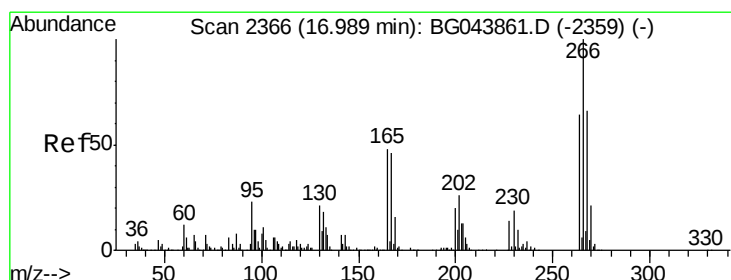
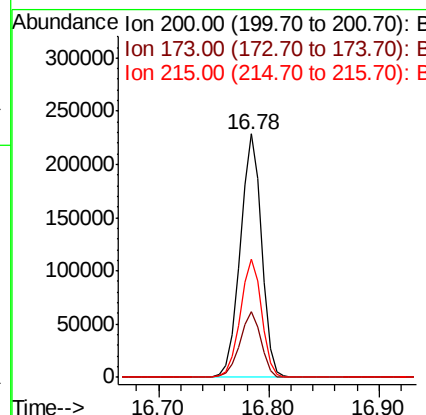
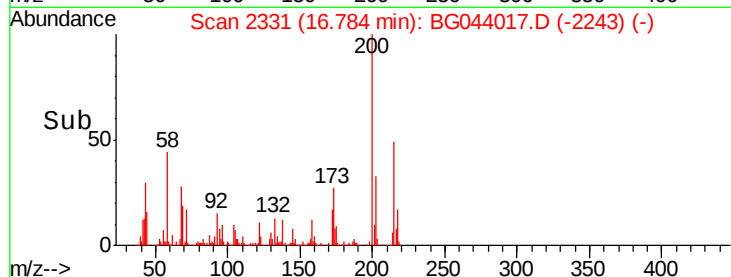
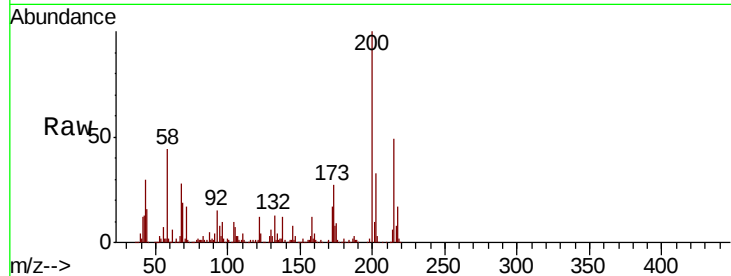
#69
Atrazine
Concen: 51.273 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	6.6	46.6
215	48.6	28.6	68.6

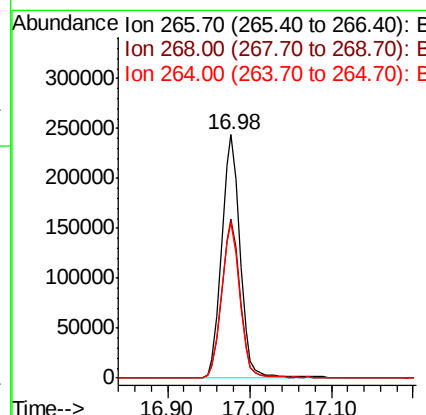
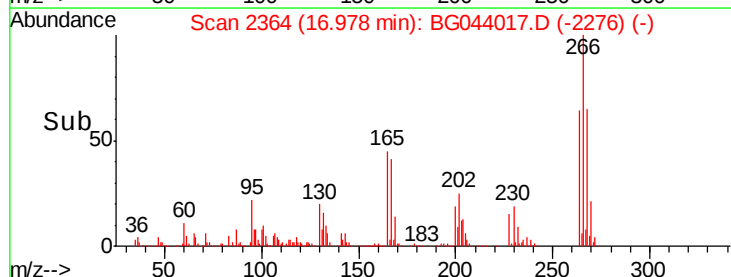
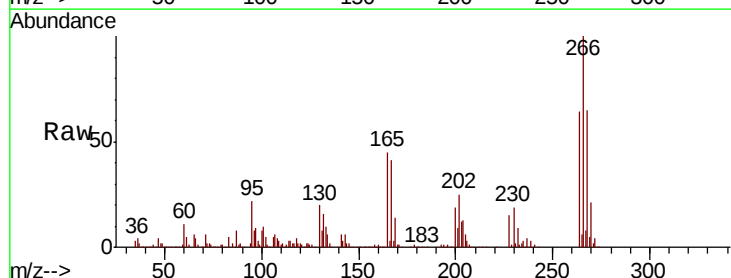
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#70
Pentachlorophenol
Concen: 91.307 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	52.6	79.0
264	63.7	50.8	76.2





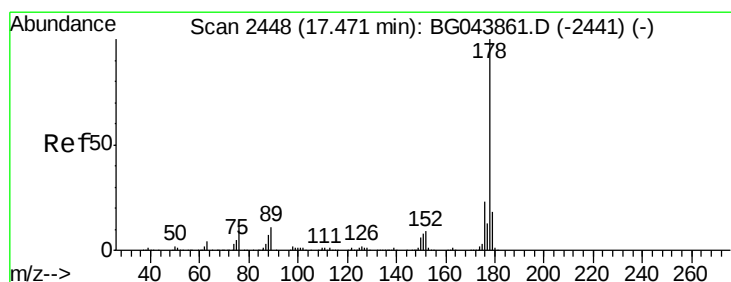
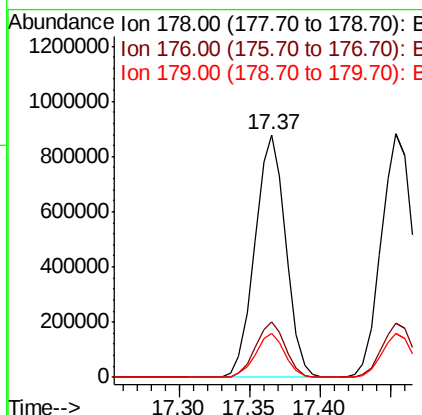
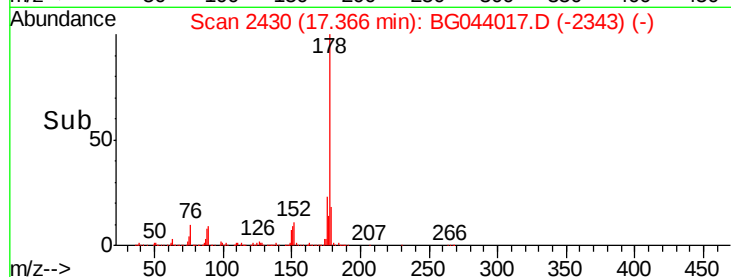
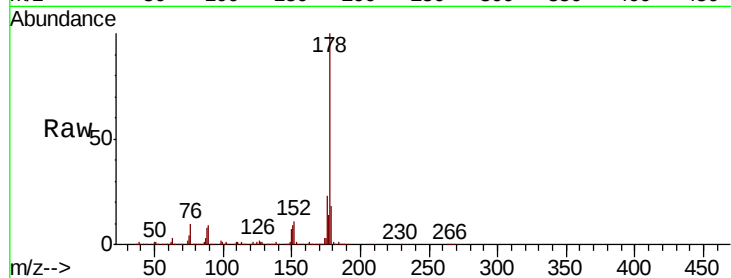
#71
Phenanthrene
Concen: 44.541 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.6	28.0
179	18.2	14.4	21.6

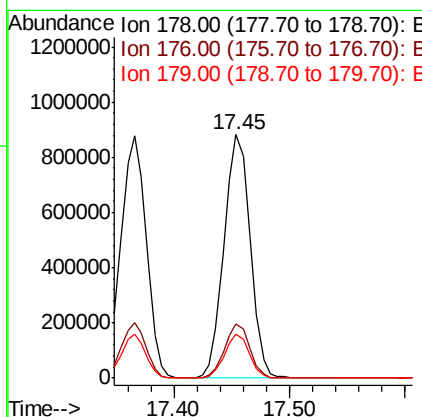
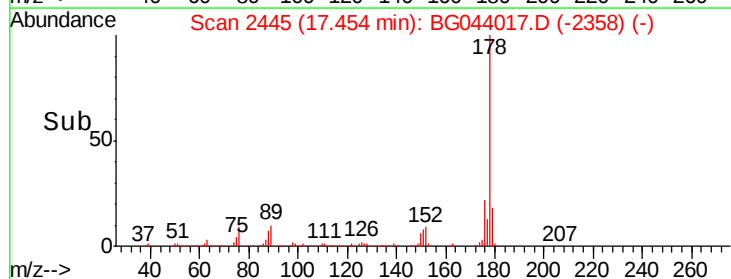
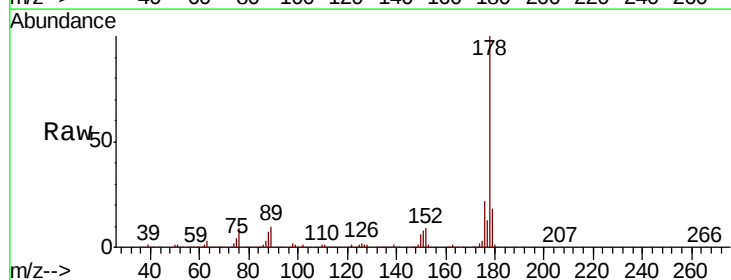
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#72
Anthracene
Concen: 46.231 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.2	18.3	27.5
179	18.1	14.6	22.0





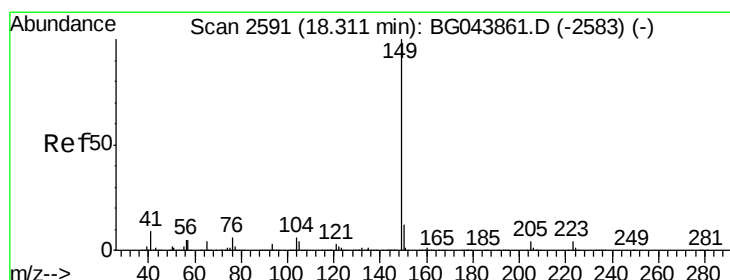
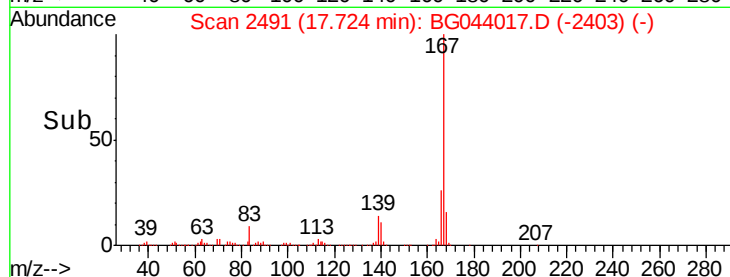
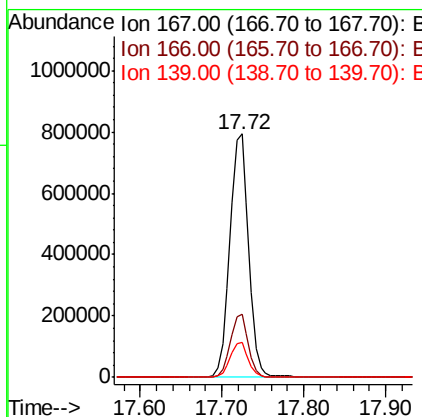
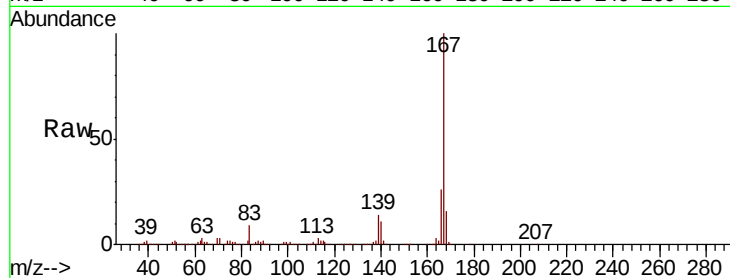
#73
 Carbazole
 Concen: 45.935 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.7	21.6	32.4
139	14.3	12.1	18.1

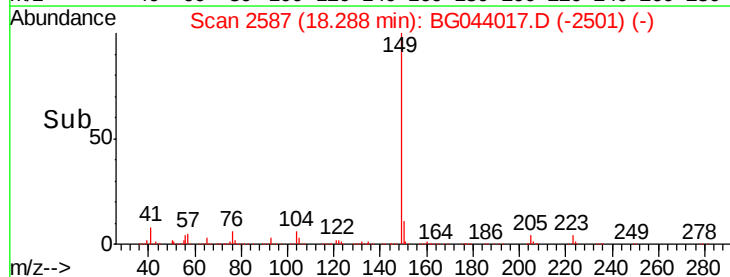
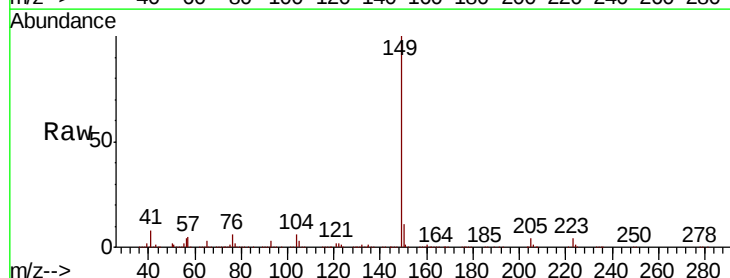
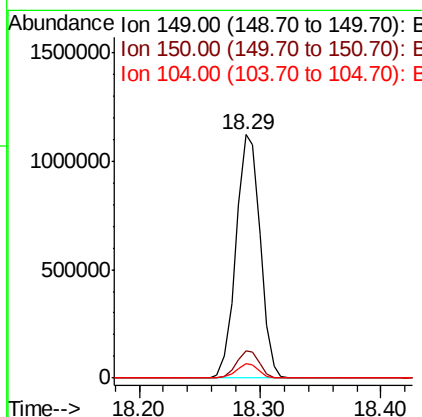
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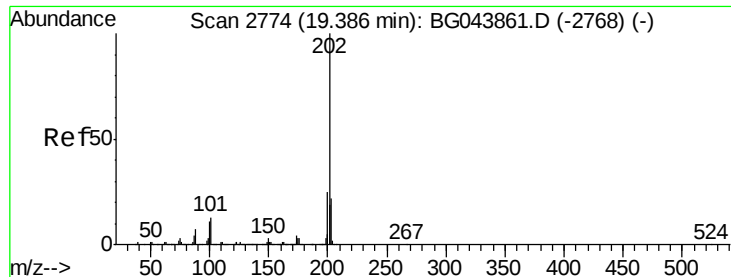
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#74
 Di-n-butylphthalate
 Concen: 44.368 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.7	14.5
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 44.952 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

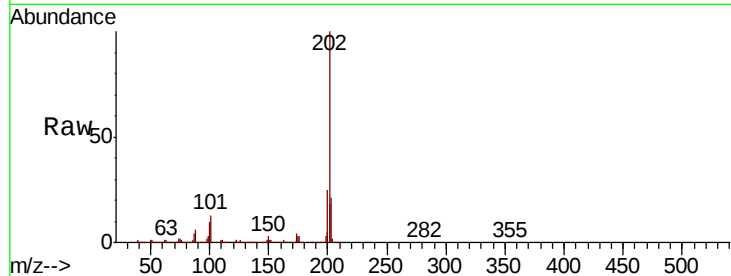
ClientSampleId :

PB126034BS

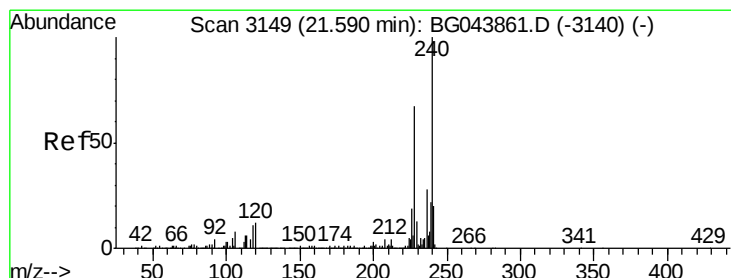
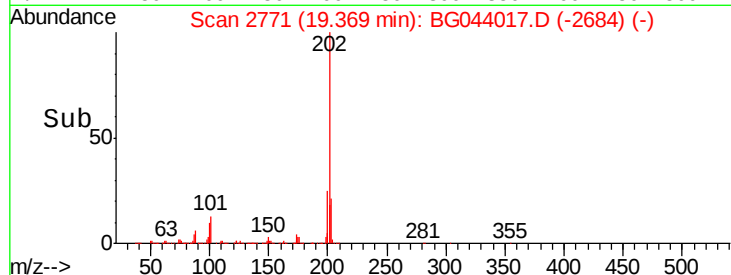
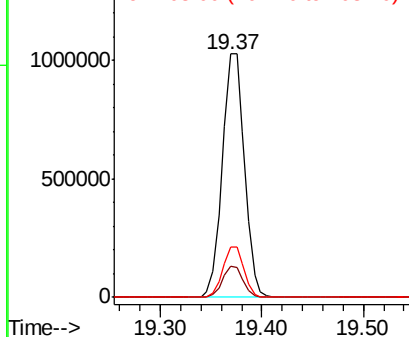
Tot Ion:	202	Resp:	1556923
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.3
203	20.5	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

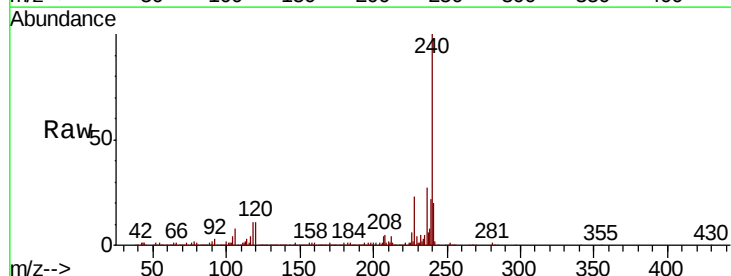
RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

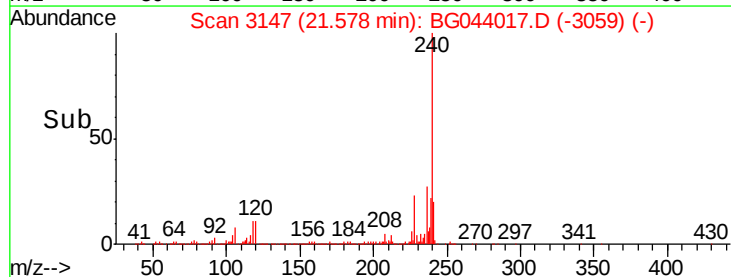
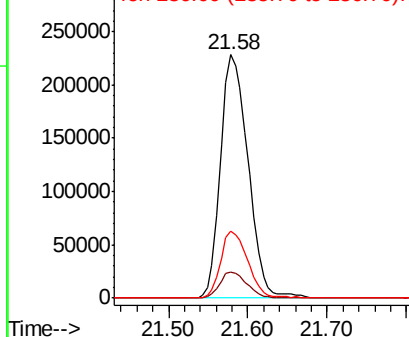
Lab File: BG044017.D

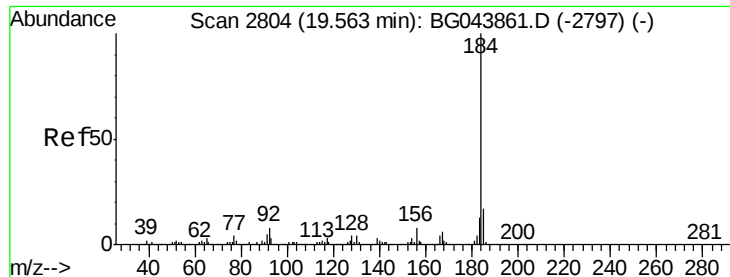
Acq: 13 Jan 2020 18:21

Tgt Ion:	240	Resp:	551134
Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.6	14.4
236	27.3	22.2	33.2



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





#77

Benzidine

Concen: 36.504 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

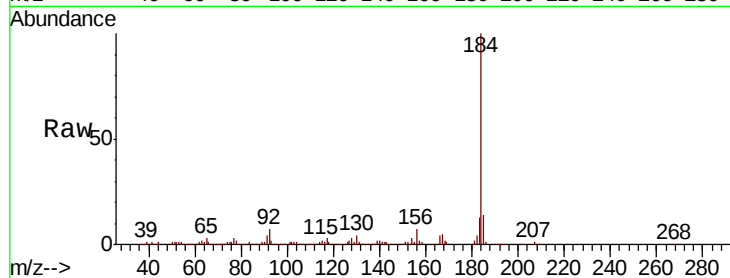
ClientSampleId :

PB126034BS

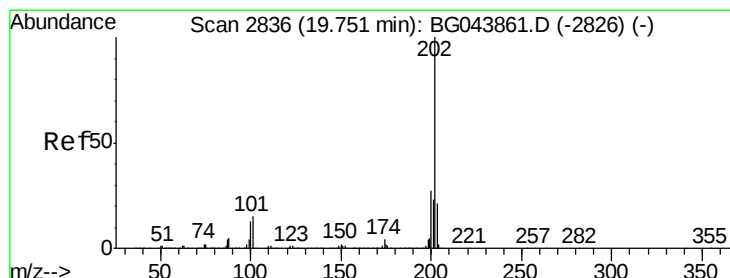
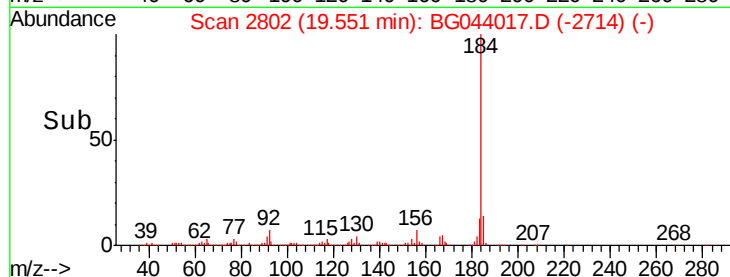
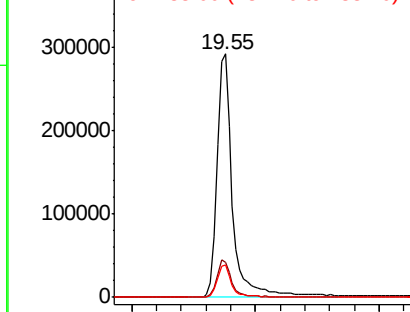
Tot Ion:	184	Resp:	505693
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.0
183	13.2	10.6	15.8

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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: 43.955 ng

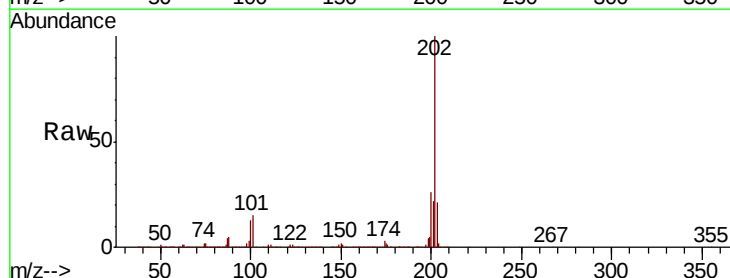
RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

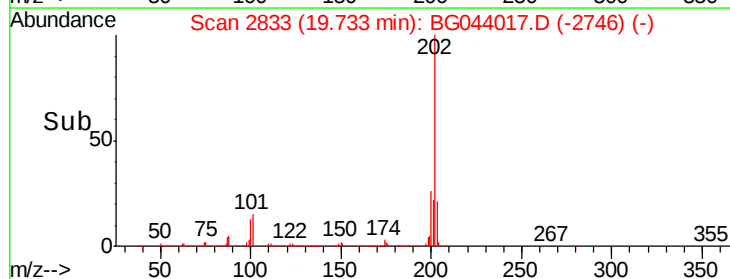
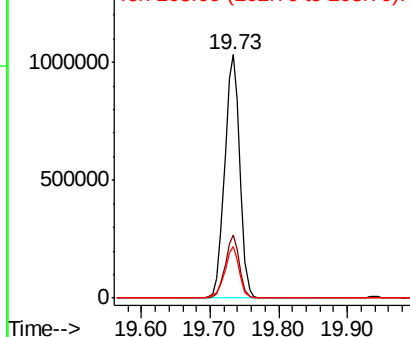
Lab File: BG044017.D

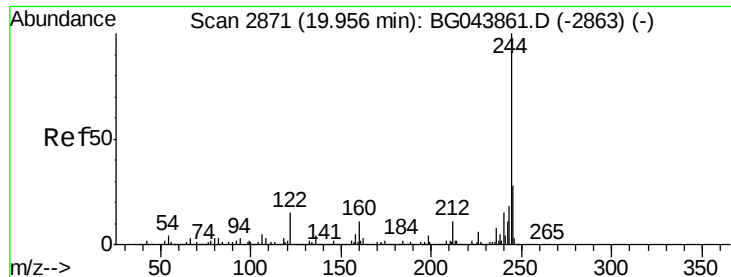
Acq: 13 Jan 2020 18:21

Tgt Ion:	202	Resp:	1581261
Ion Ratio	Lower	Upper	
202	100		
200	25.9	21.7	32.5
203	21.2	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





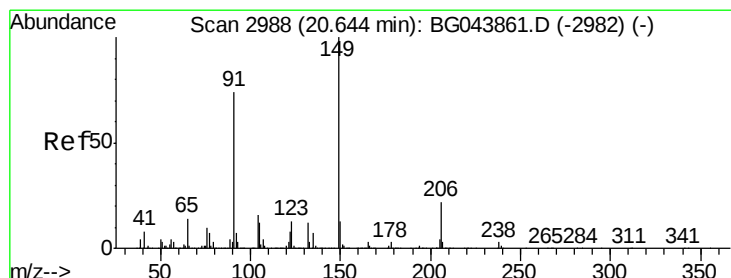
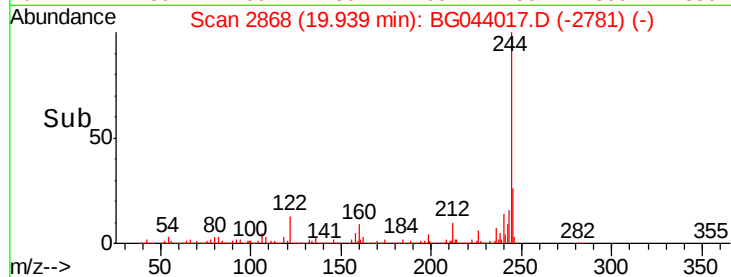
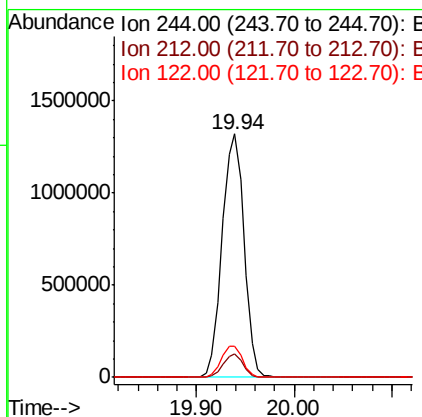
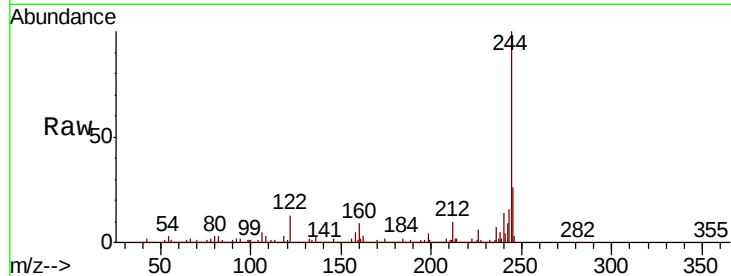
#79
 Terphenyl-d14
 Concen: 92.153 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.6	13.0
122	13.0	11.9	17.9

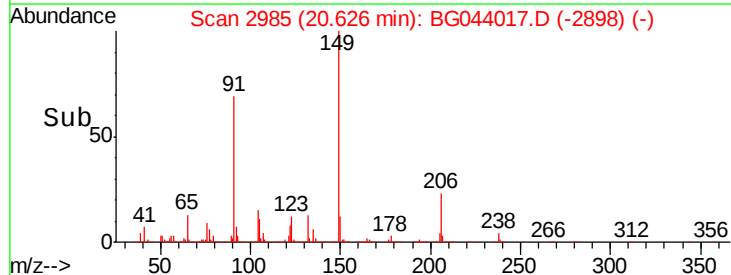
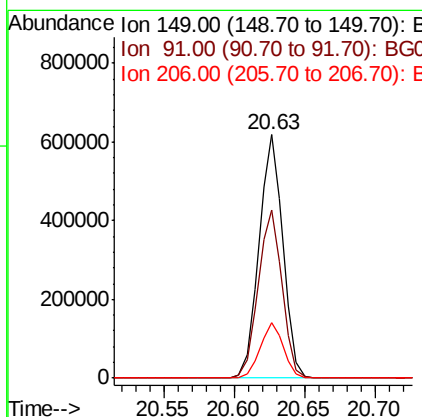
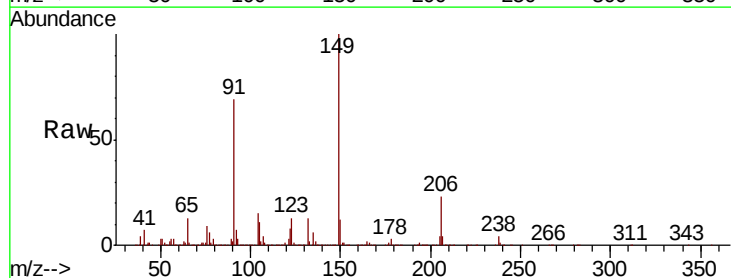
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#80
 Butylbenzylphthalate
 Concen: 42.885 ng
 RT: 20.63 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	59.5	89.3
206	22.8	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.549 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

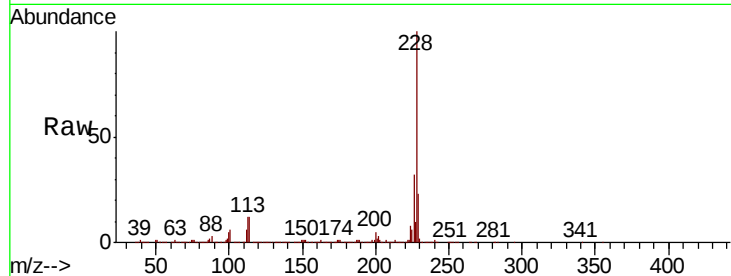
ClientSampleId :

PB126034BS

Tot Ion:	228	Resp:	1488258
Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	23.1	18.9	28.3

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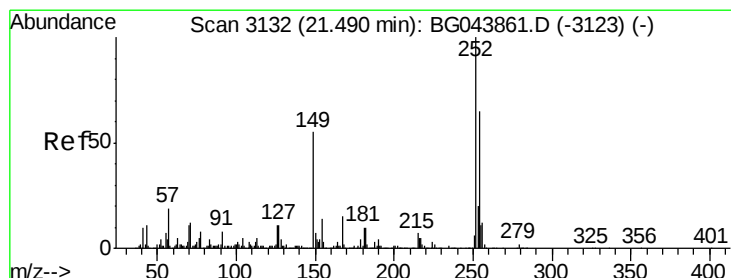
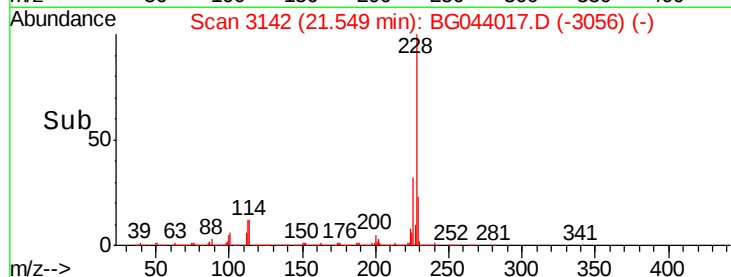
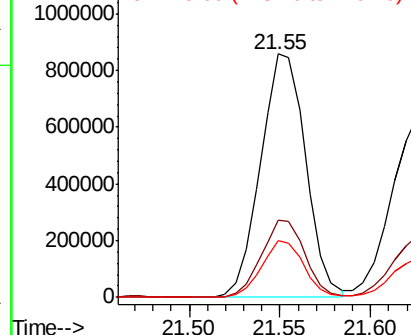


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.283 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

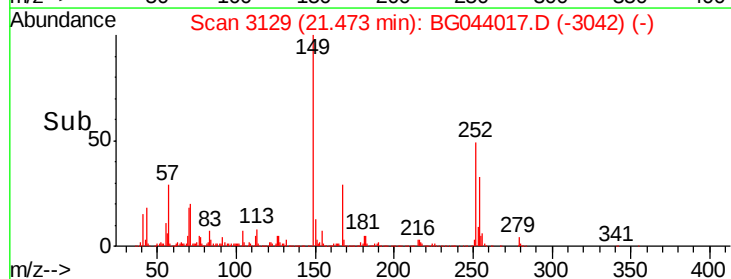
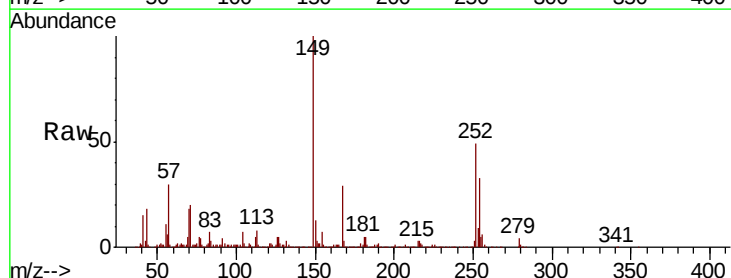
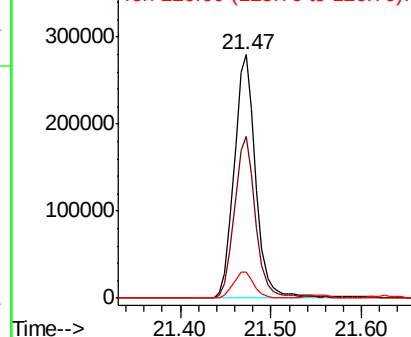
Tgt Ion:	252	Resp:	462865
Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.1	78.1
126	10.6	9.1	13.7

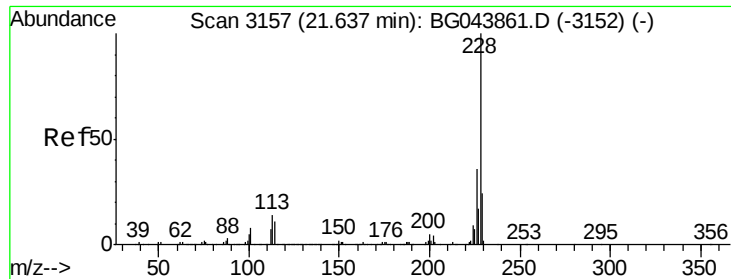
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





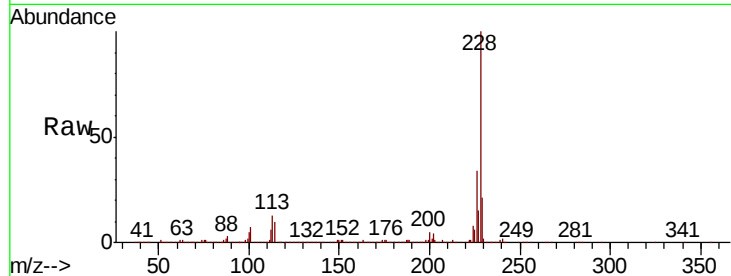
#83
 Chrvsene
 Concen: 46.084 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	28.8	43.2
229	21.4	19.0	28.6

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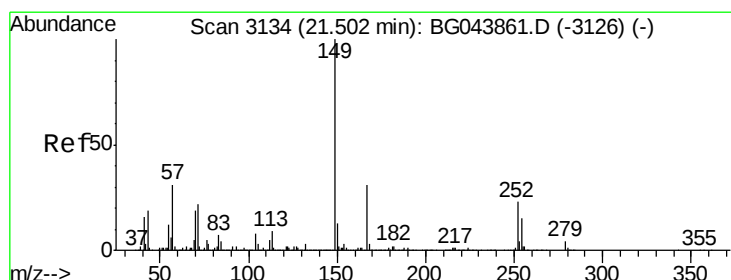
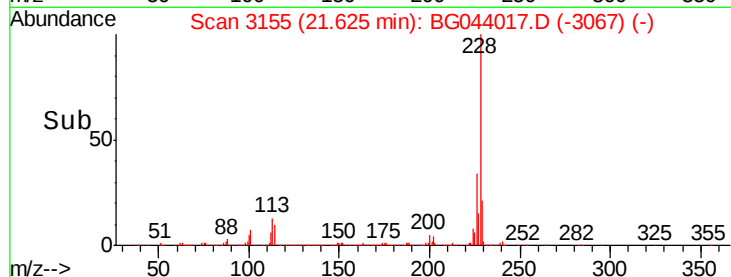
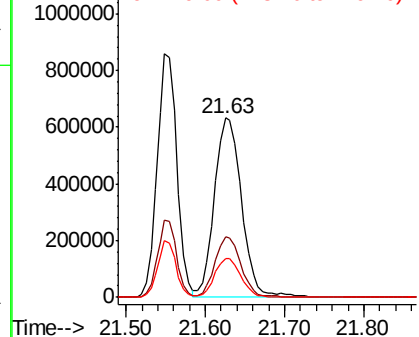


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.261 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

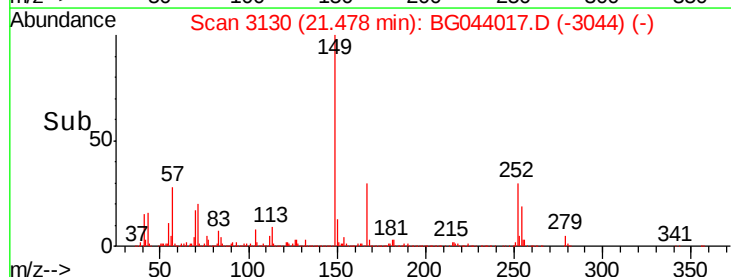
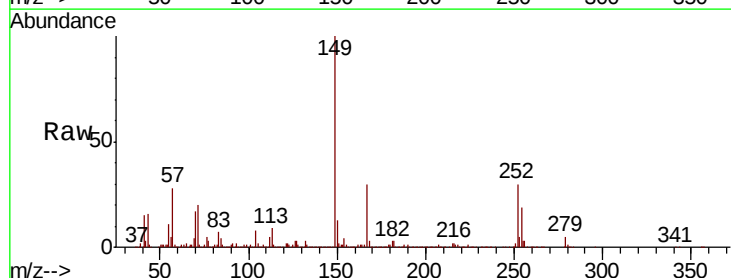
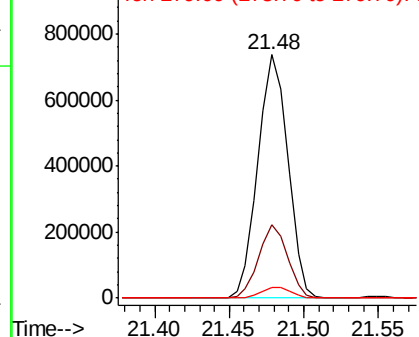
Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.7	37.1
279	4.5	3.3	4.9

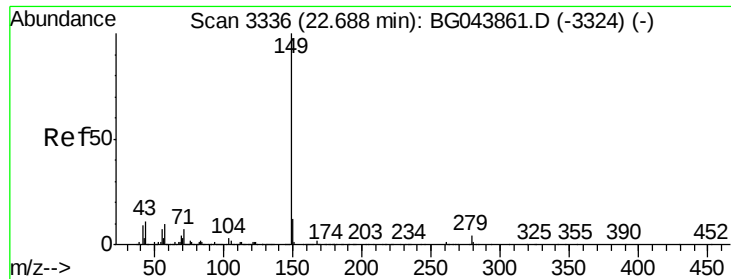
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.983 ng

RT: 22.67 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

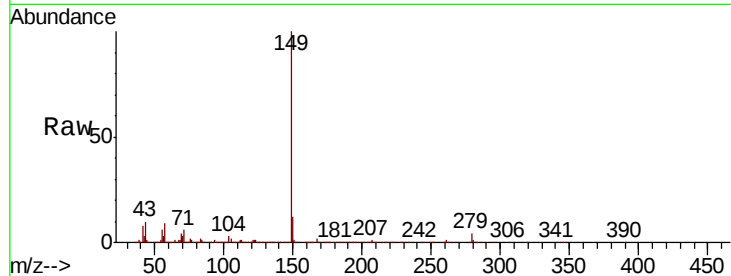
ClientSampleId :

PB126034BS

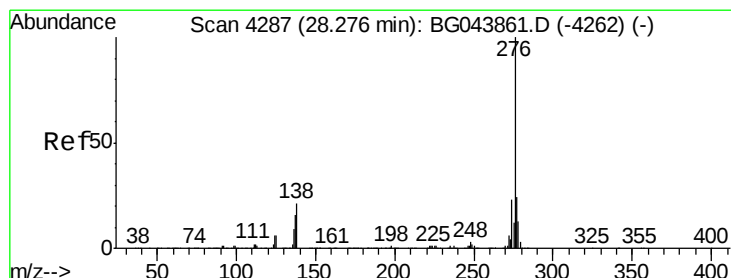
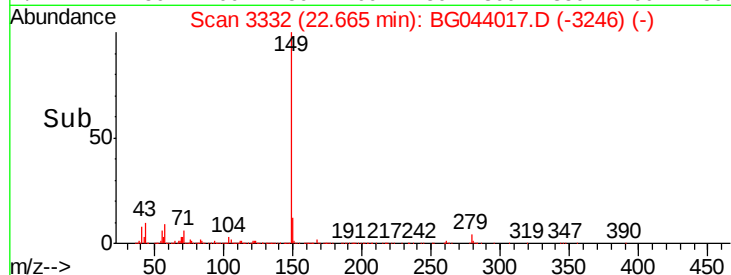
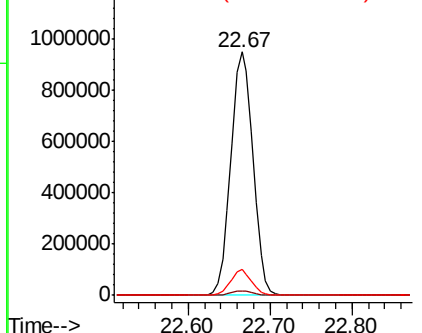
Tot Ion:	149	Resp:	1787170
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.8	8.8	13.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.689 ng m

RT: 28.29 min Scan# 4290

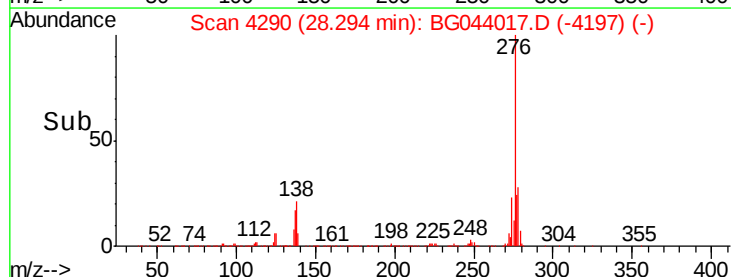
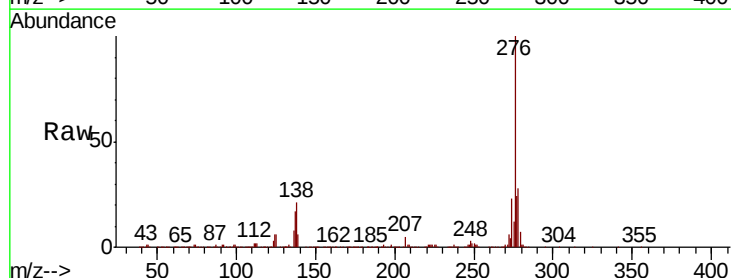
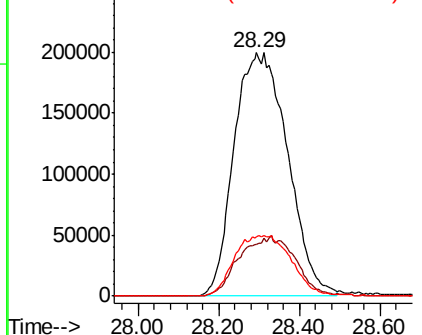
Delta R.T. 0.02 min

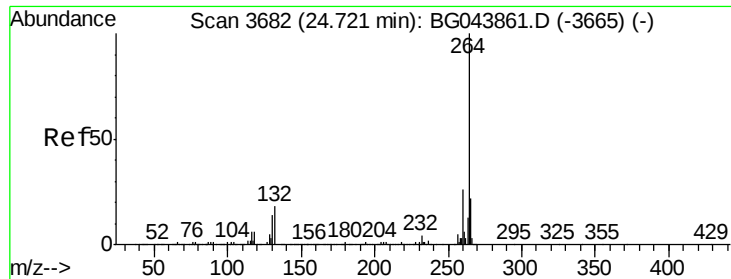
Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:	276	Resp:	1839751
Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.0	31.4#
277	26.4	21.1	31.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





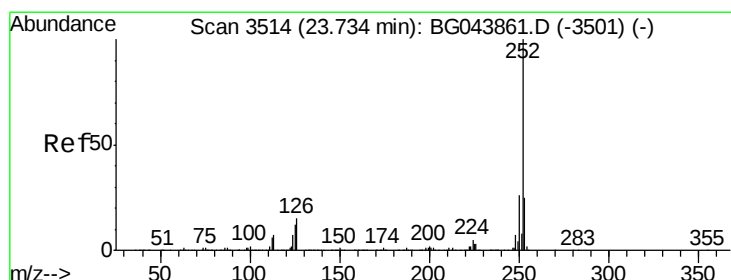
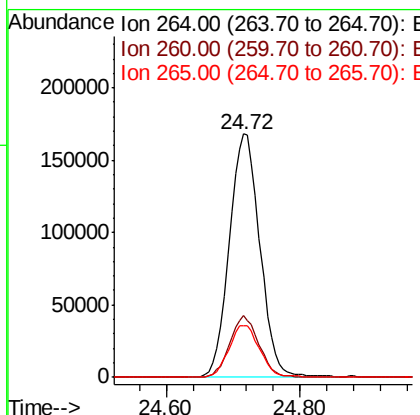
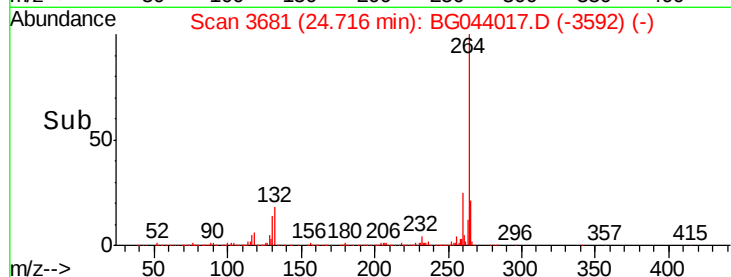
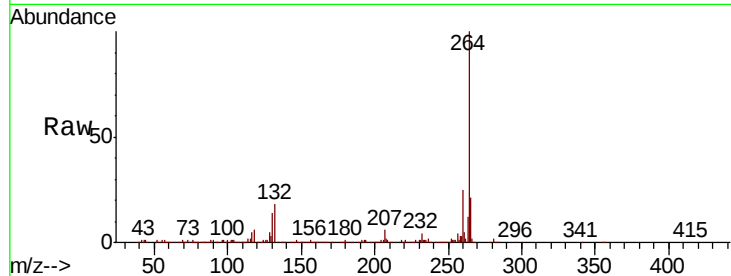
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	21.3	17.4	26.2

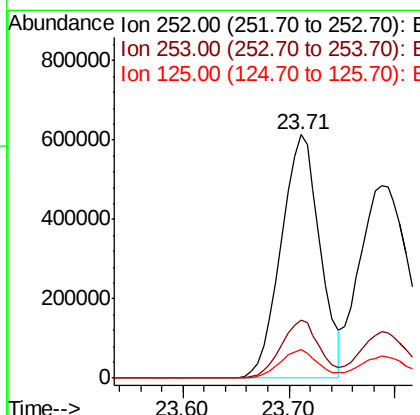
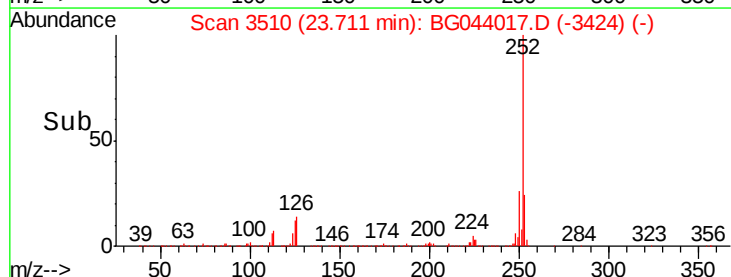
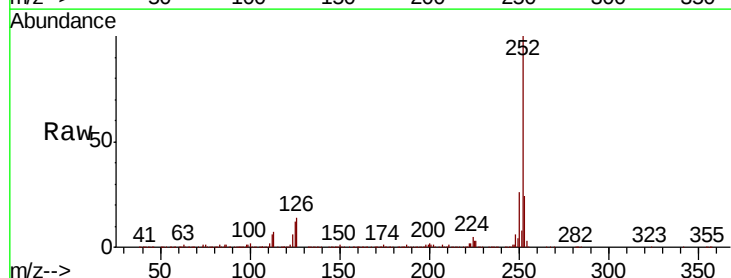
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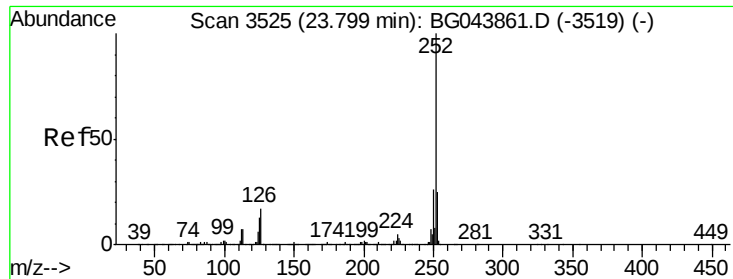
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#88
Benzo(b)fluoranthene
Concen: 49.446 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	11.5	9.4	14.2





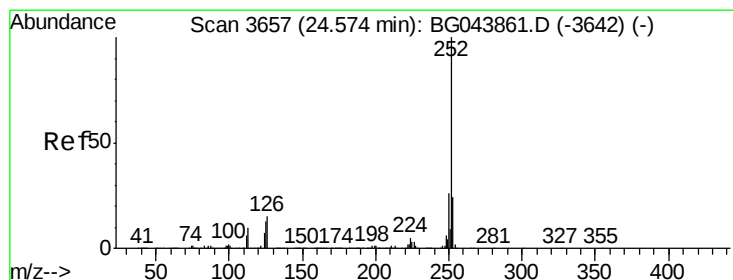
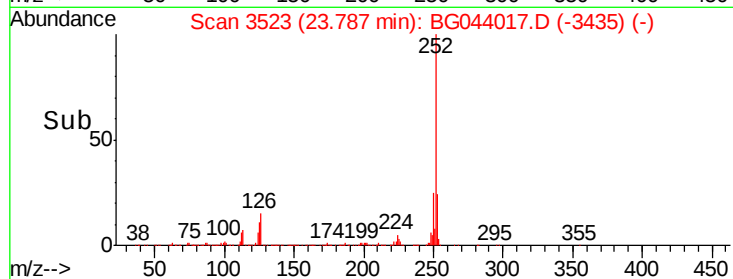
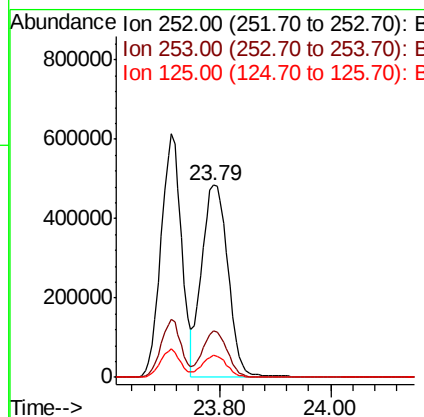
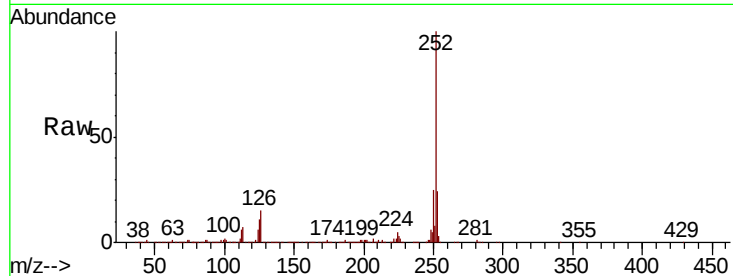
#89
Benzo(k)fluoranthene
Concen: 52.732 ng
RT: 23.79 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	11.2	9.9	14.9

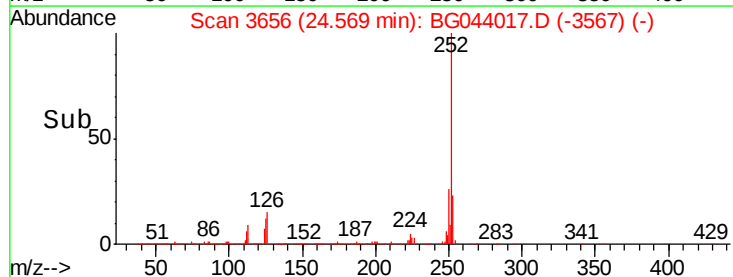
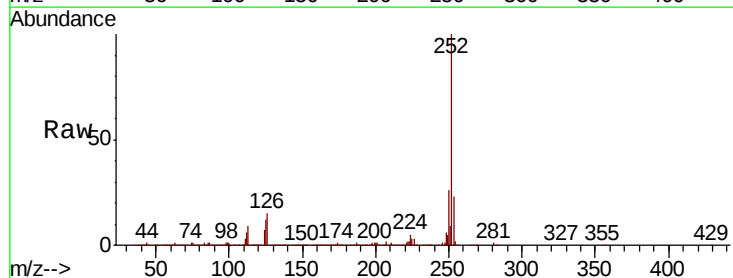
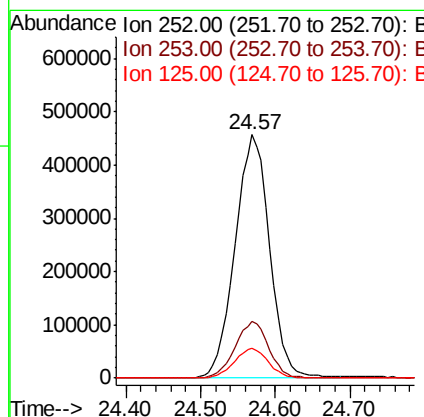
Manual Integrations
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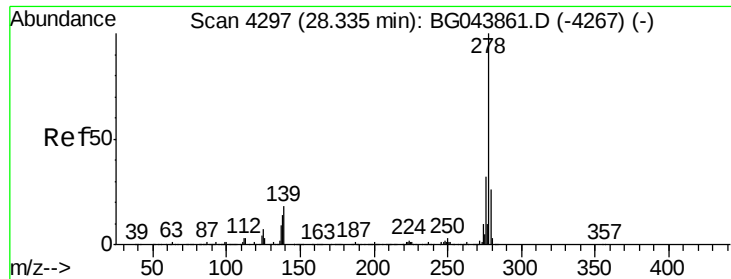
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#90
Benzo(a)pyrene
Concen: 48.786 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	12.3	10.4	15.6





#91

Dibenzo(a,h)anthracene

Concen: 51.066 ng

RT: 28.37 min Scan# 4303

Delta R.T. 0.04 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

PB126034BS

Tot Ion:278 Resp: 1535220

Ion Ratio Lower Upper

278 100

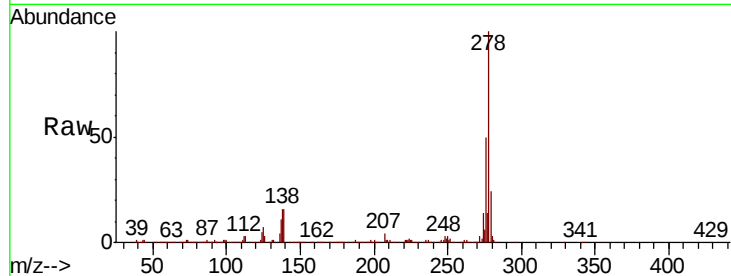
139 16.3 14.2 21.4

279 24.1 20.6 30.8

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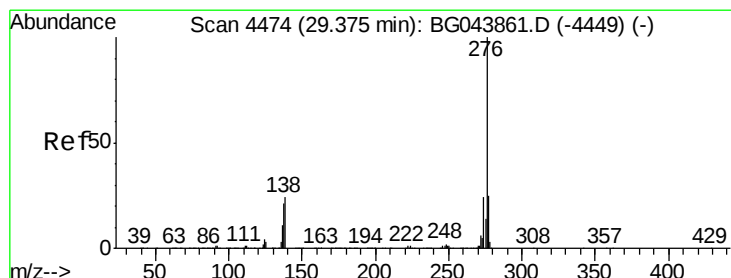
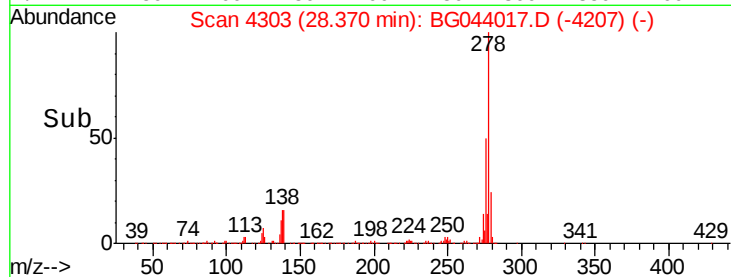
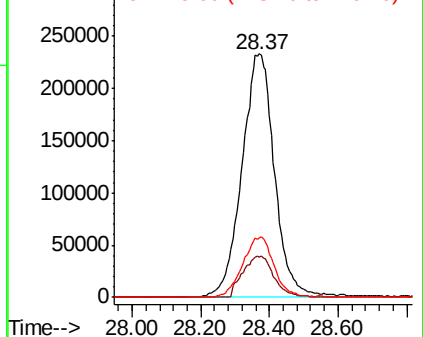


Abundance

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: 52.067 ng

RT: 29.48 min Scan# 4492

Delta R.T. 0.11 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

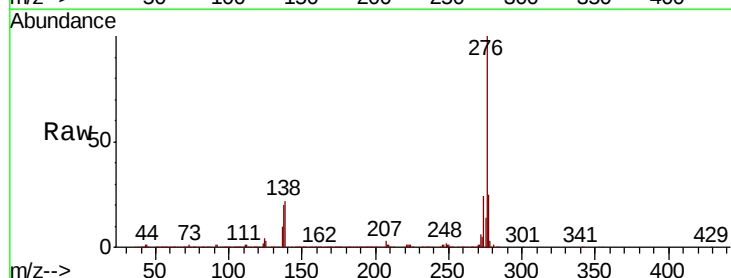
Tgt Ion:276 Resp: 1554859

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.4

138 22.0 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

