

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044019.D
 Acq On : 13 Jan 2020 19:40
 Operator : JU
 Sample : PB126048BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126048BS

Manual Integrations
 APPROVED

mohammad
 1/14/2020 12:24:53 PM

Quant Time: Jan 14 10:27:03 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	7.94	152	112555	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	478390	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	316335	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	706350	20.00	ng	-0.02
76) Chrysene-d12	21.58	240	625803	20.00	ng	0.00
87) Perylene-d12	24.72	264	583242	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	744105	121.39	ng	0.00
7) Phenol-d6	7.12	99	968527	113.03	ng	0.00
23) Nitrobenzene-d5	9.10	82	596063	66.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	392776	118.65	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1317333	75.45	ng	-0.02
79) Terphenyl-d14	19.94	244	2014705	75.22	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	101326	37.910	ng	97
3) Pyridine	3.81	79	243452	30.832	ng	94
4) n-Nitrosodimethylamine	3.72	42	127697	36.325	ng	97
6) Aniline	7.27	93	310637	27.601	ng	96
8) 2-Chlorophenol	7.51	128	307707	42.758	ng	95
9) Benzaldehyde	7.08	77	126257m	23.022	ng	
10) Phenol	7.14	94	373263	42.279	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	283130	37.153	ng	99
12) 1,3-Dichlorobenzene	7.84	146	325071	38.600	ng	99
13) 1,4-Dichlorobenzene	7.98	146	325876	39.218	ng	98
14) 1,2-Dichlorobenzene	8.30	146	305837	38.347	ng	99
15) Benzyl Alcohol	8.18	79	252966	37.407	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	382922	32.478	ng	99
17) 2-Methylphenol	8.39	107	263282	41.210	ng	98
18) Hexachloroethane	9.03	117	121093	37.453	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	220188	34.506	ng	96
20) 3+4-Methylphenols	8.72	107	358268	40.198	ng	98
22) Acetophenone	8.77	105	417007	35.063	ng	# 98
24) Nitrobenzene	9.14	77	315502	35.622	ng	97
25) Isophorone	9.67	82	604154	36.010	ng	99
26) 2-Nitrophenol	9.86	139	172918	41.266	ng	93
27) 2,4-Dimethylphenol	9.92	122	285646	45.285	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	382584	34.205	ng	99
29) 2,4-Dichlorophenol	10.39	162	303366	40.320	ng	96
30) 1,2,4-Trichlorobenzene	10.61	180	305512	36.214	ng	98
31) Naphthalene	10.80	128	887656	38.344	ng	99
32) Benzoic acid	10.06	122	164617	34.128	ng	90
33) 4-Chloroaniline	10.90	127	215514	19.518	ng	98
34) Hexachlorobutadiene	11.09	225	176781	34.321	ng	99
35) Caprolactam	11.67	113	114316m	40.813	ng	
36) 4-Chloro-3-methylphenol	12.03	107	321828	40.179	ng	96
37) 2-Methylnaphthalene	12.40	142	668023	38.329	ng	96
38) 1-Methylnaphthalene	12.63	142	629956	38.137	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	314685	33.940	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	331670	68.999	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	242454	38.004	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	263837	40.097	nq	99
46) 1,1'-Biphenyl	13.41	154	827251	36.474	nq	98
47) 2-Chloronaphthalene	13.45	162	654309	35.701	nq	98
48) 2-Nitroaniline	13.65	65	204065	34.614	nq	96
49) Acenaphthylene	14.30	152	1027439	39.004	nq	98
50) Dimethylphthalate	14.04	163	851251	37.899	nq	99
51) 2,6-Dinitrotoluene	14.15	165	196033	38.614	nq	95
52) Acenaphthene	14.65	154	649564	35.162	nq	97
53) 3-Nitroaniline	14.48	138	152025	26.370	nq	100
54) 2,4-Dinitrophenol	14.68	184	238314	91.311	nq	98
55) Dibenzofuran	14.98	168	1003248	39.450	nq	98
56) 4-Nitrophenol	14.79	139	387878	87.799	nq	92
57) 2,4-Dinitrotoluene	14.94	165	280084	40.546	nq	98
58) Fluorene	15.63	166	789159	39.152	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	236810	41.854	nq	96
60) Diethylphthalate	15.40	149	870495	38.748	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	411515	37.599	nq	95
62) 4-Nitroaniline	15.64	138	205233	36.049	nq	94
63) Azobenzene	15.91	77	783897	37.625	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	171219	47.134	nq	97
66) n-Nitrosodiphenylamine	15.83	169	757637	36.423	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	269035	33.865	nq	96
68) Hexachlorobenzene	16.64	284	293900	34.333	nq	97
69) Atrazine	16.79	200	294466	43.551	nq	99
70) Pentachlorophenol	16.97	266	366473	77.662	nq	99
71) Phenanthrene	17.37	178	1282228	37.846	nq	98
72) Anthracene	17.46	178	1313439	39.227	nq	99
73) Carbazole	17.72	167	1219401	39.426	nq	98
74) Di-n-butylphthalate	18.29	149	1501929	38.034	nq	97
75) Fluoranthene	19.37	202	1509252	38.952	nq	98
77) Benzidine	19.55	184	458258	29.133	nq	96
78) Pyrene	19.74	202	1508334	36.925	nq	97
80) Butylbenzylphthalate	20.63	149	700874	36.039	nq	96
81) Benzo(a)anthracene	21.55	228	1438495	37.071	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	473374	30.878	nq	100
83) Chrysene	21.63	228	1439556	39.042	nq	95
84) Bis(2-ethylhexyl)phthalate	21.48	149	990469	36.911	nq	99
85) Di-n-octyl phthalate	22.67	149	1732164	38.397	nq	97
86) Indeno(1,2,3-cd)pyrene	28.28	276	1764559	35.215	nq	# 83
88) Benzo(b)fluoranthene	23.71	252	1539029	44.636	nq	98
89) Benzo(k)fluoranthene	23.79	252	1489705	45.434	nq	96
90) Benzo(a)pyrene	24.57	252	1401449	43.065	nq	98
91) Dibenzo(a,h)anthracene	28.38	278	1476501	45.177	nq	96
92) Benzo(g,h,i)perylene	29.48	276	1493537	46.006	nq	98

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

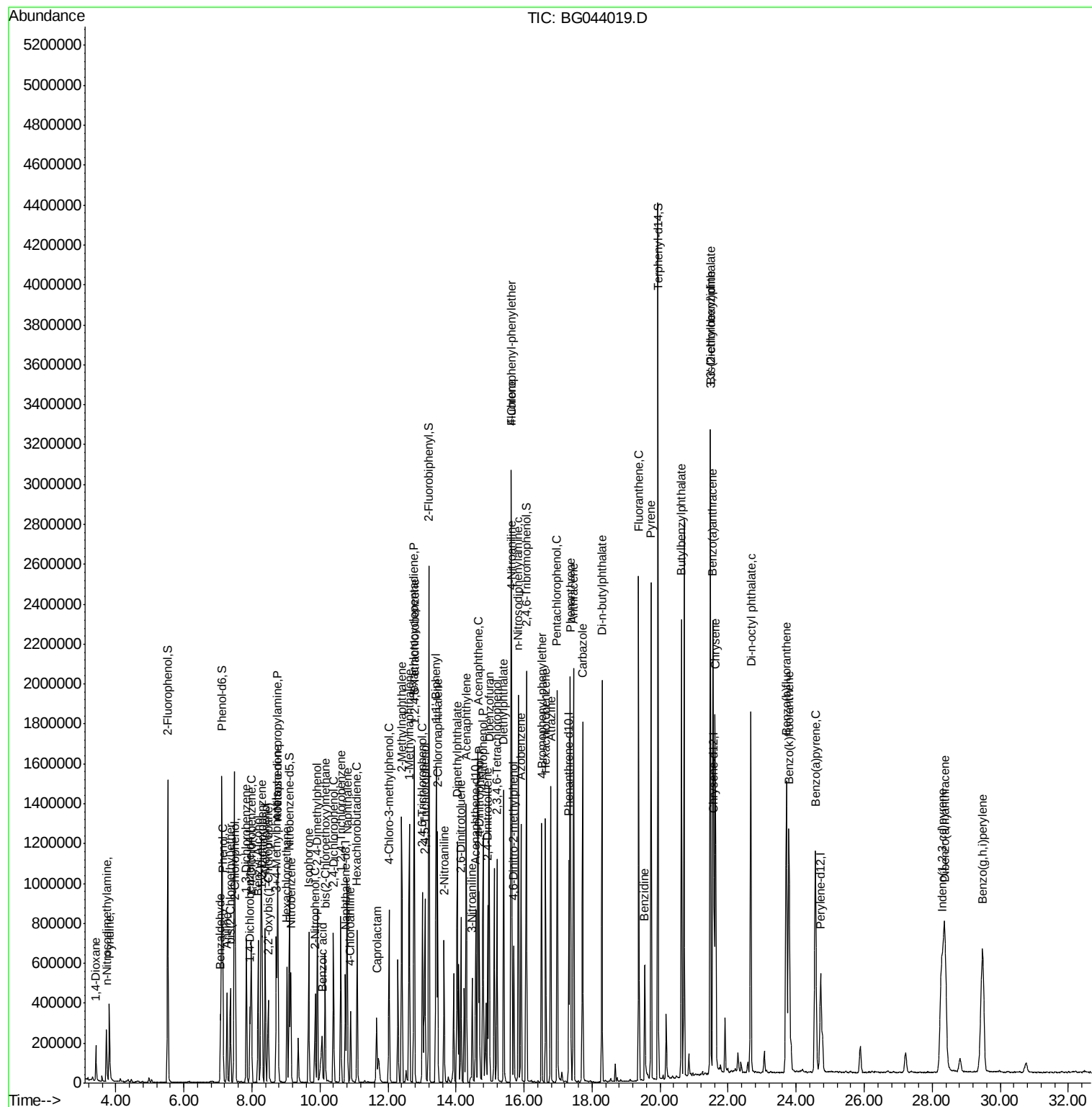
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ClientSampled :
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#1

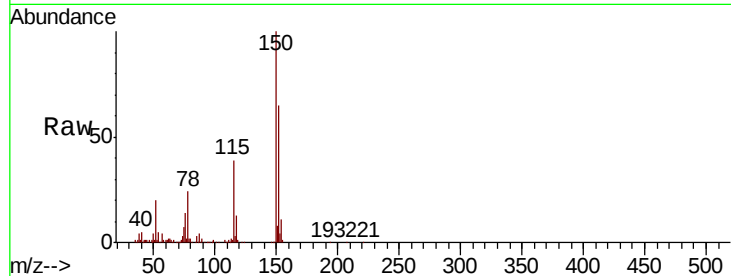
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.0	190.4
115	60.1	47.8	71.8

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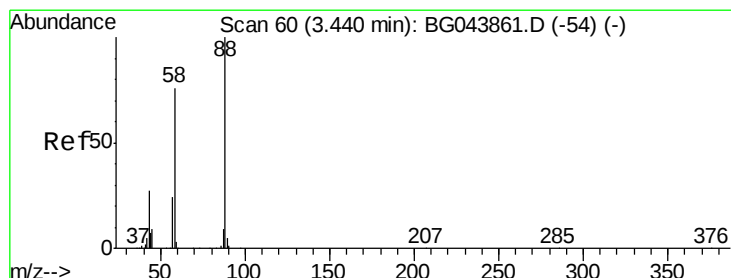
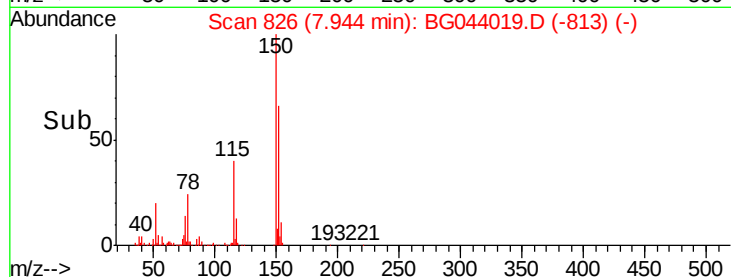
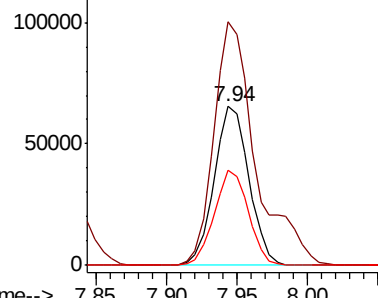


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

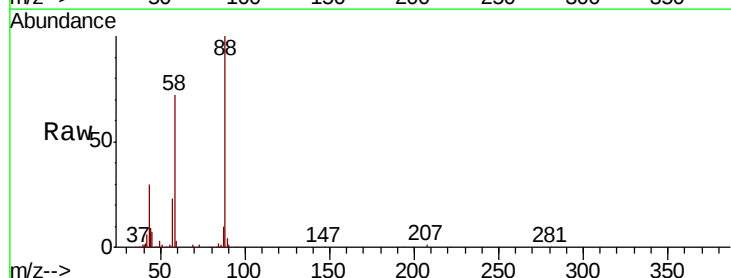
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.910 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.03 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	59.8	89.8
43	28.2	22.9	34.3

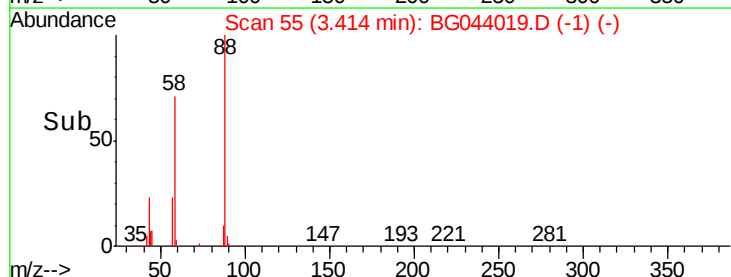
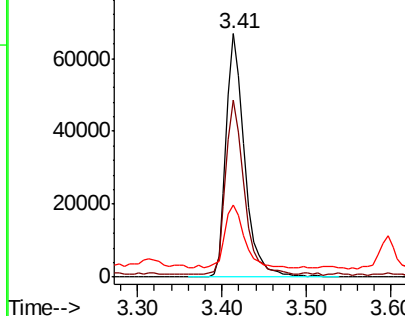


Abundance

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: 30.832 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

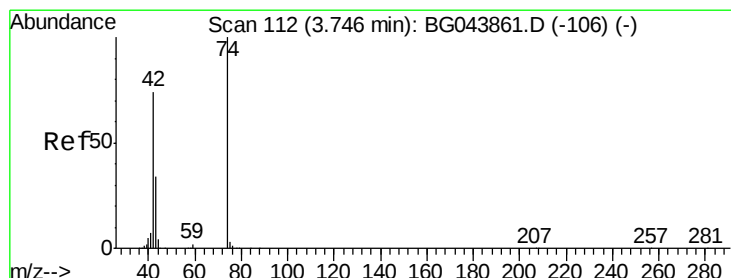
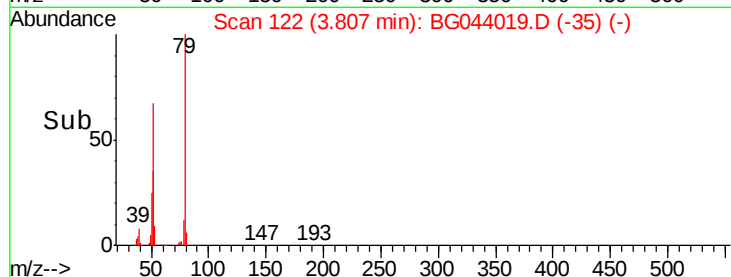
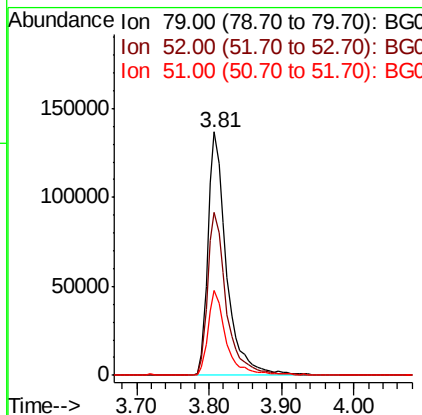
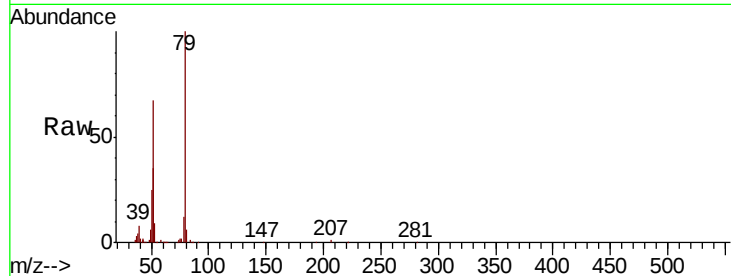
ClientSampleId :

PB126048BS

Tot Ion:	79	Resp:	243452
Ion Ratio	Lower	Upper	
79	100		
52	66.9	58.9	88.3
51	34.8	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 36.325 ng

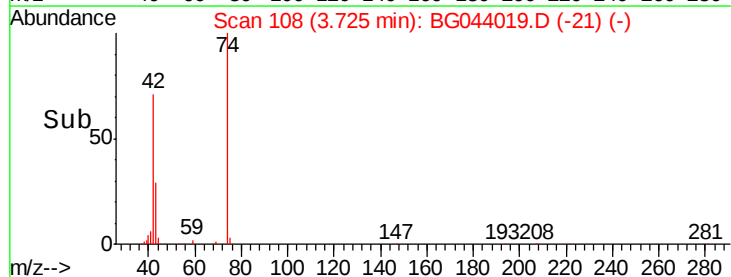
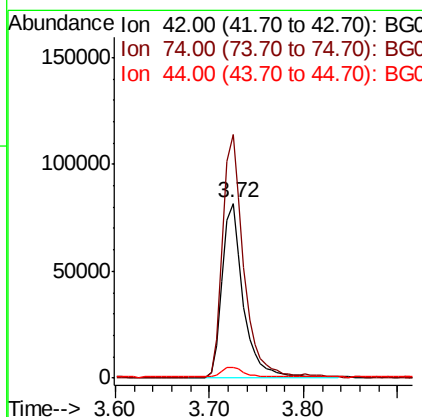
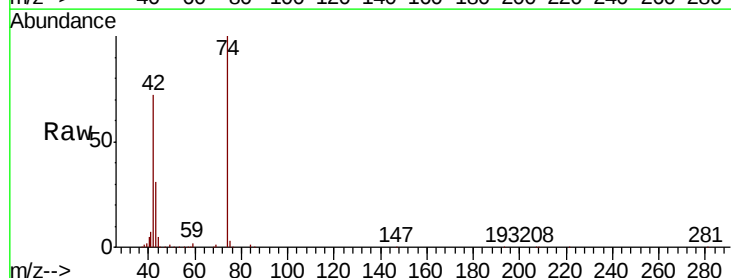
RT: 3.72 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	42	Resp:	127697
Ion Ratio	Lower	Upper	
42	100		
74	139.3	108.6	162.8
44	6.3	5.0	7.6





#5

2-Fluorophenol

Concen: 121.387 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

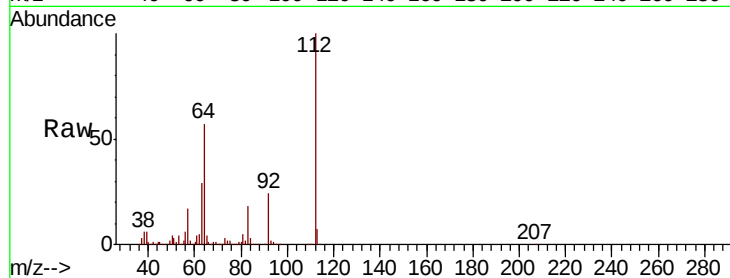
ClientSampleId :

PB126048BS

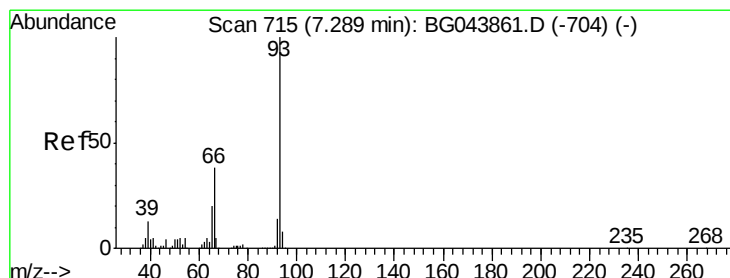
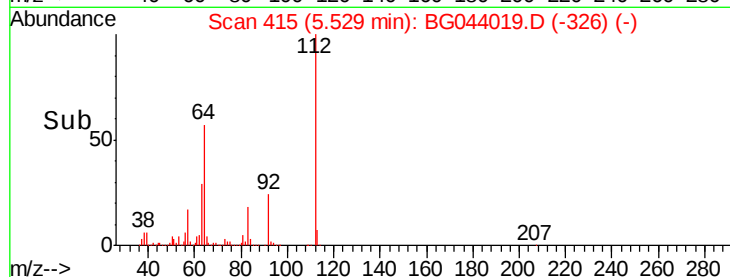
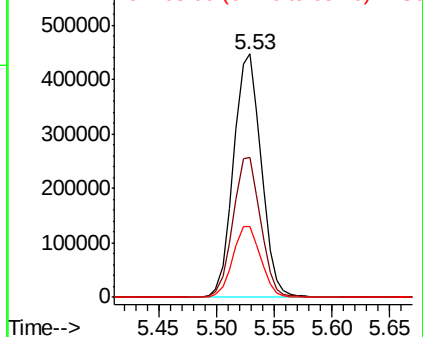
Tot Ion:	112	Resp:	744105
Ion Ratio	Lower	Upper	
112	100		
64	57.3	47.8	71.6
63	29.1	24.3	36.5

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



#6

Aniline

Concen: 27.601 ng

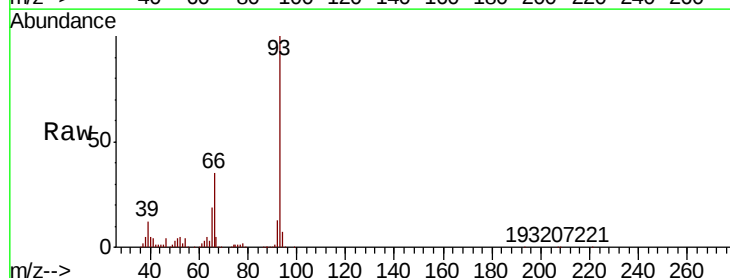
RT: 7.27 min Scan# 711

Delta R.T. -0.02 min

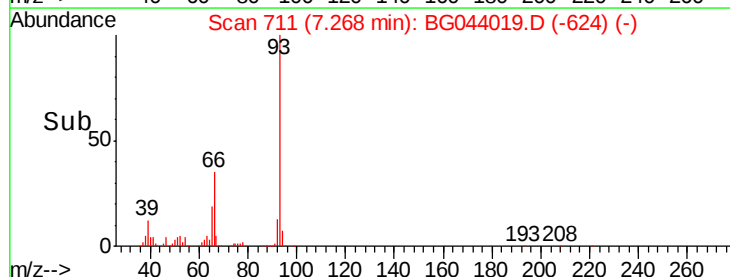
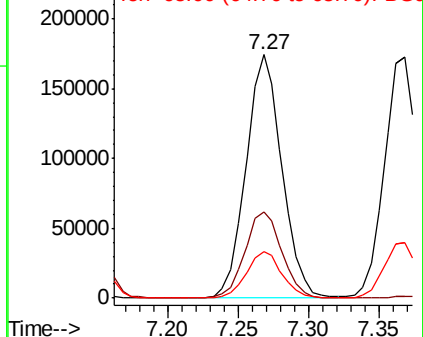
Lab File: BG044019.D

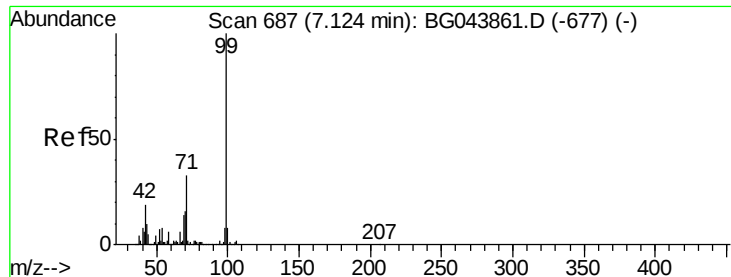
Acq: 13 Jan 2020 19:40

Tgt Ion:	93	Resp:	310637
Ion Ratio	Lower	Upper	
93	100		
66	35.4	30.8	46.2
65	19.2	16.0	24.0



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





#7

Phenol-d6

Concen: 113.031 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

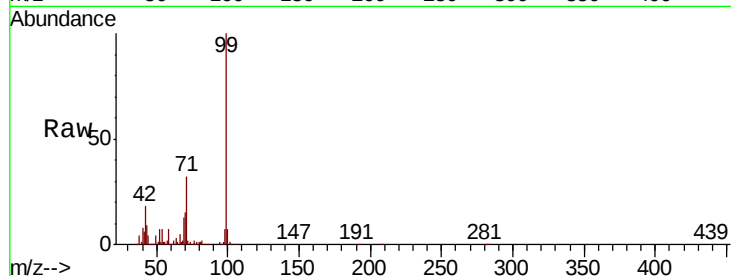
ClientSampleId :

PB126048BS

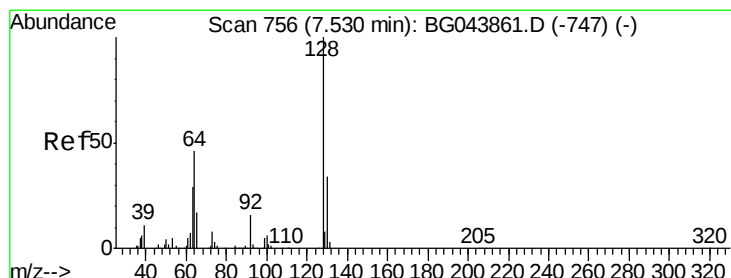
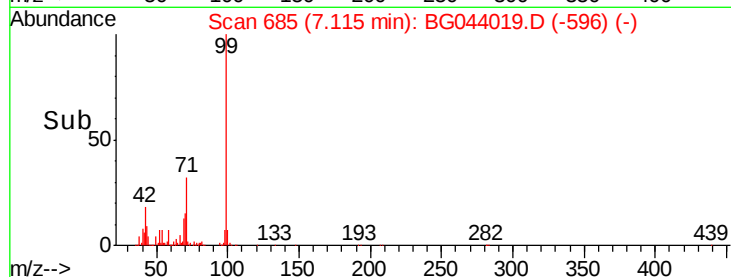
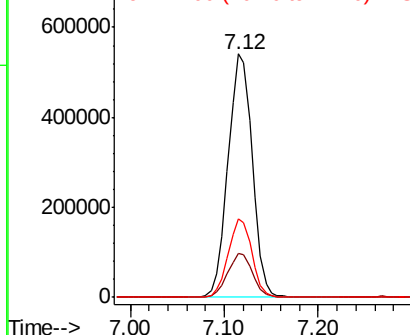
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		968527		
42	18.0	14.9	22.3		
71	32.0	26.4	39.6		

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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: 42.758 ng

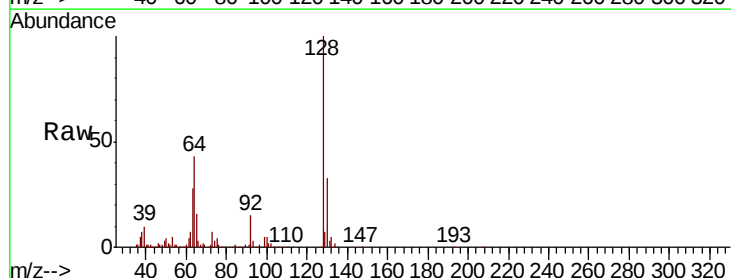
RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

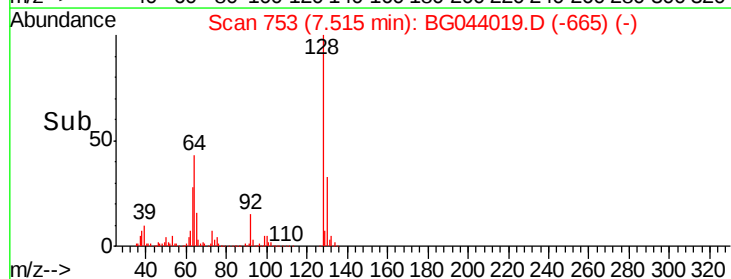
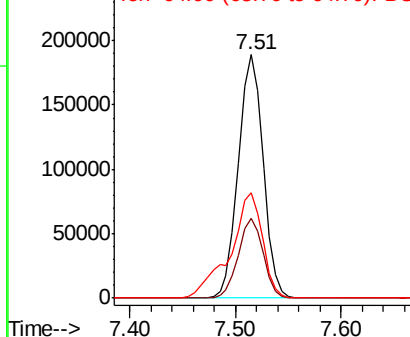
Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		307707		
130	32.7	13.8	53.8		
64	43.1	27.6	67.6		



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





#9

Benzaldehyde

Concen: 23.022 ng/mL

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

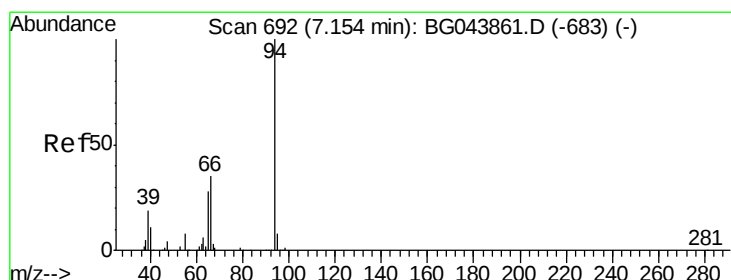
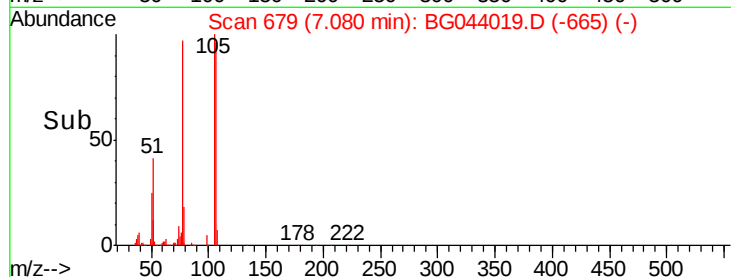
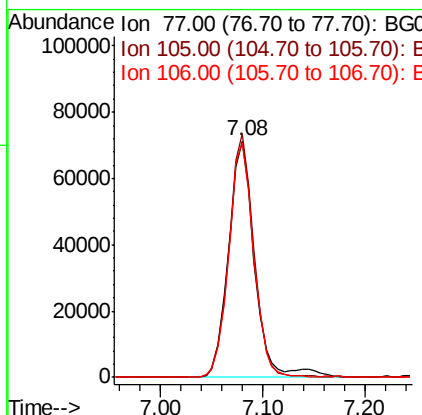
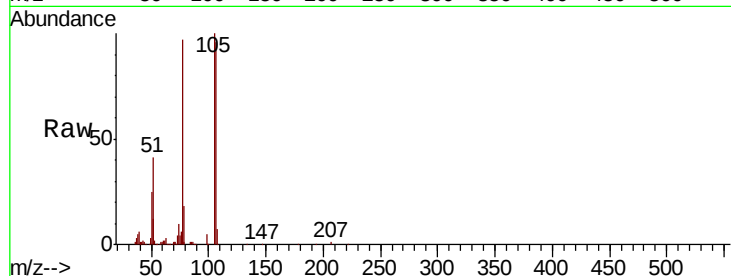
ClientSampleID :

PB126048BS

Tot Ion:	77	Resp:	126257
Ion	Ratio	Lower	Upper
77	100		
105	103.1	80.2	120.2
106	99.2	77.2	117.2

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#10

Phenol

Concen: 42.279 ng/mL

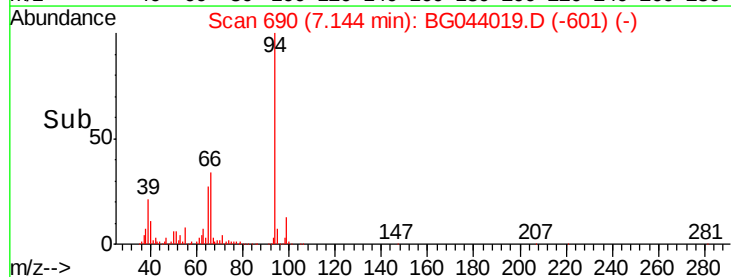
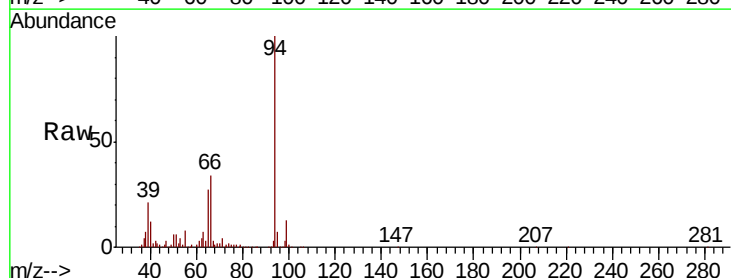
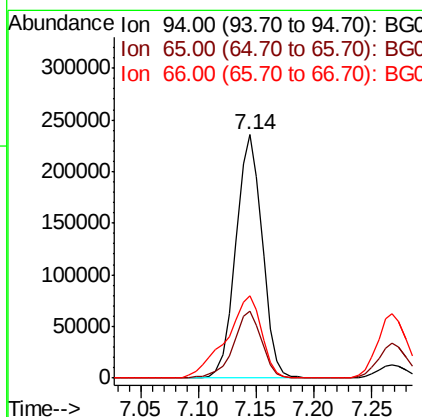
RT: 7.14 min Scan# 690

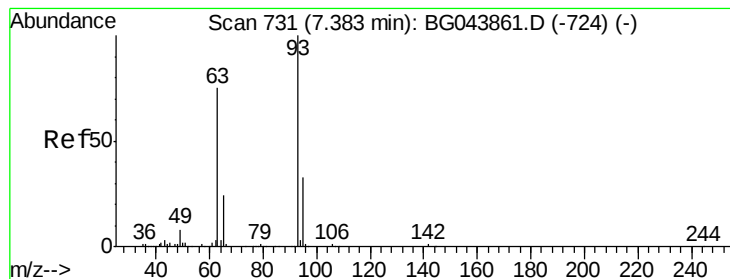
Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	94	Resp:	373263
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.1	48.1
66	33.8	15.6	55.6





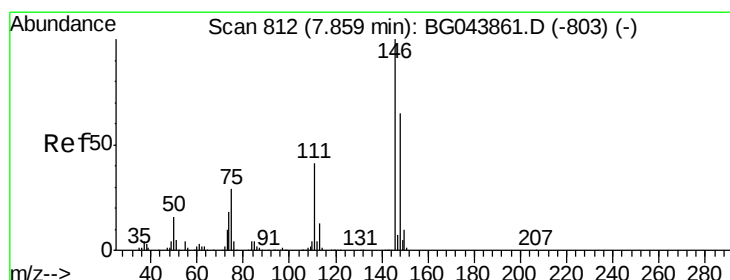
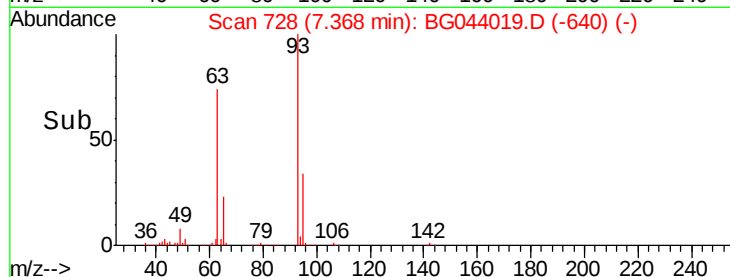
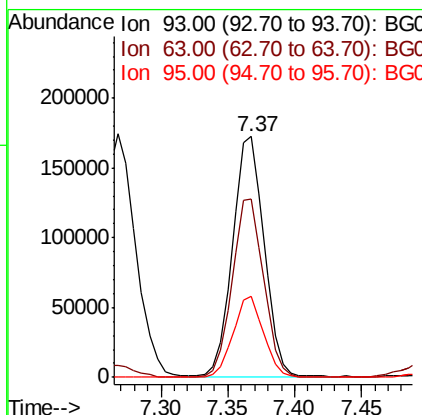
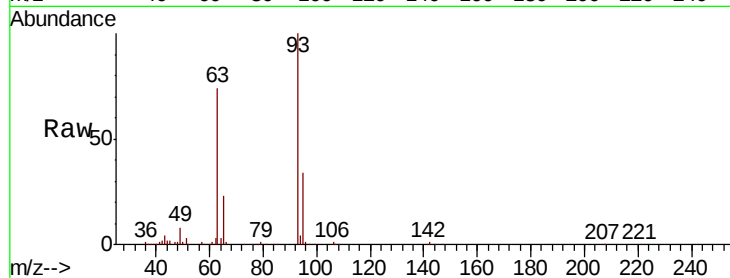
#11
bis(2-Chloroethyl)ether
Concen: 37.153 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	283130		
63	74.0		55.0	95.0
95	33.7		13.3	53.3

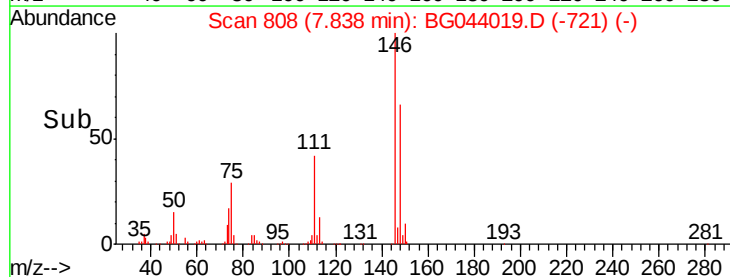
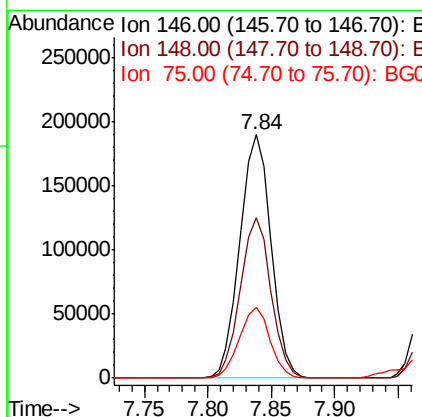
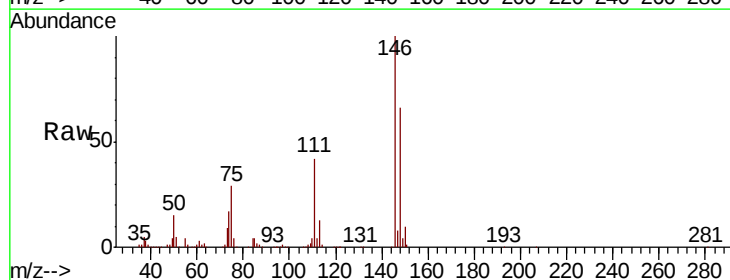
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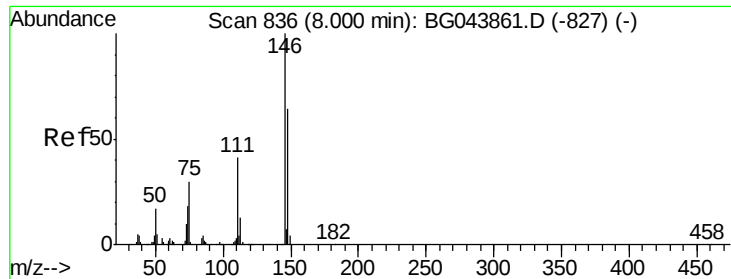
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.600 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	325071		
148	65.9		52.1	78.1
75	28.8		23.0	34.4





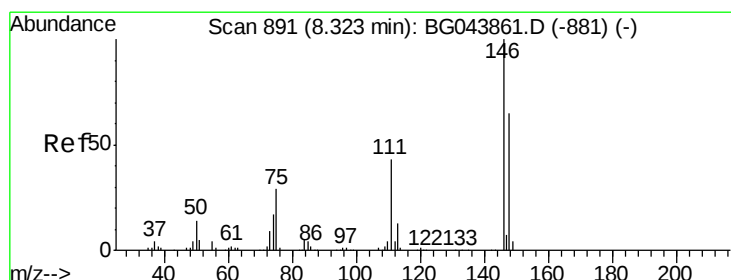
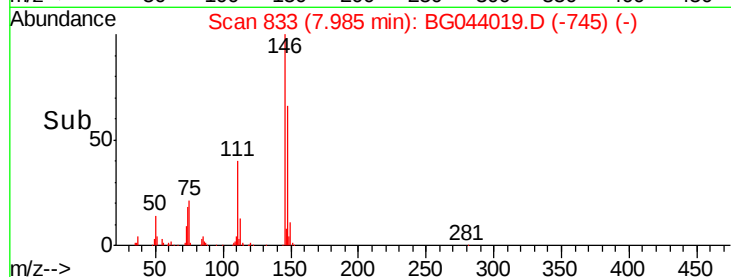
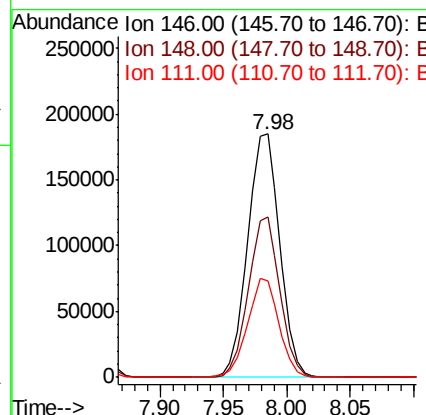
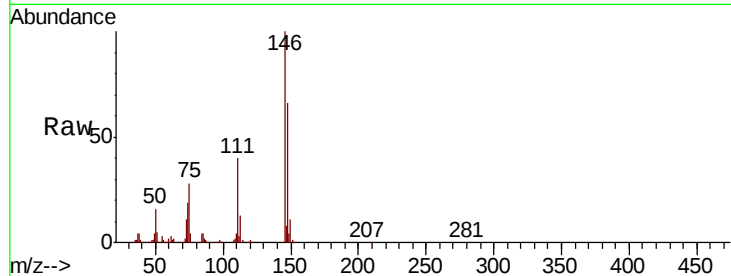
#13
1,4-Dichlorobenzene
Concen: 39.218 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.2	76.8
111	39.8	33.1	49.7

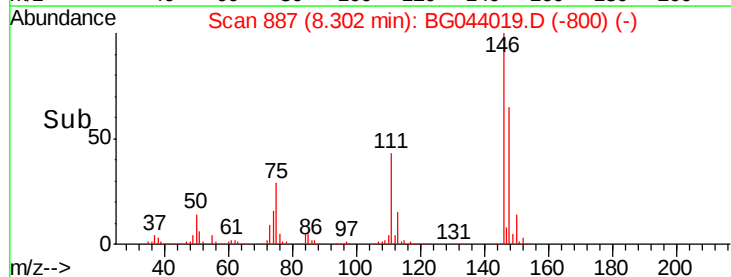
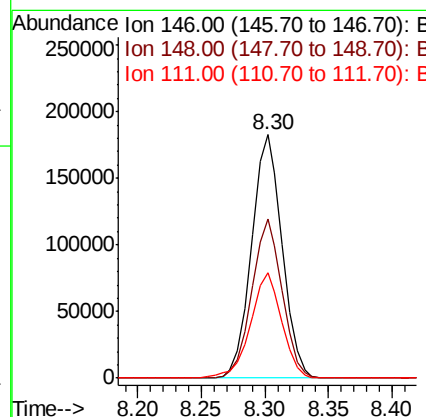
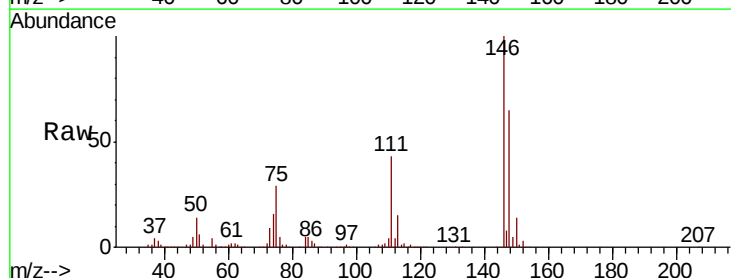
Manual Integrations
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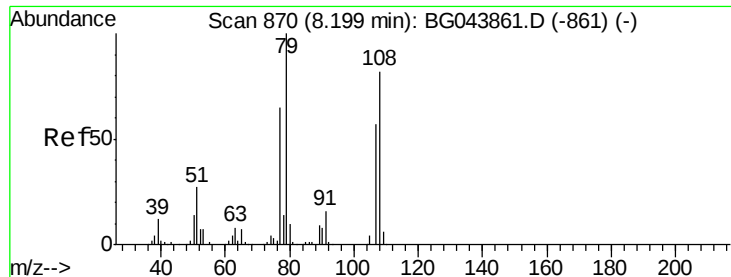
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.347 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.7	77.5
111	43.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 37.407 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

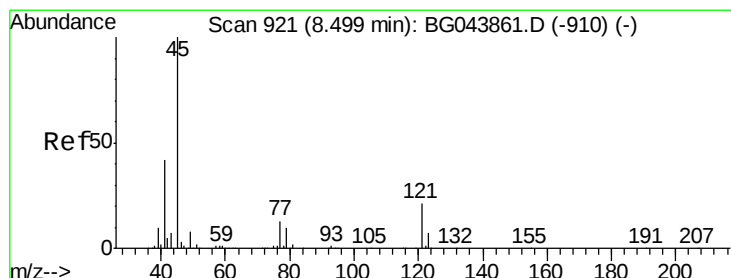
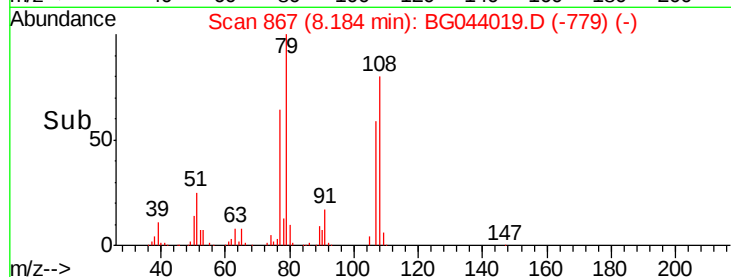
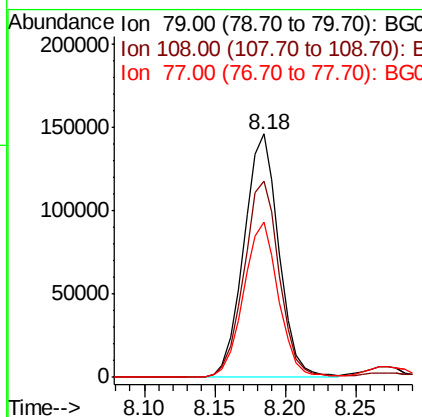
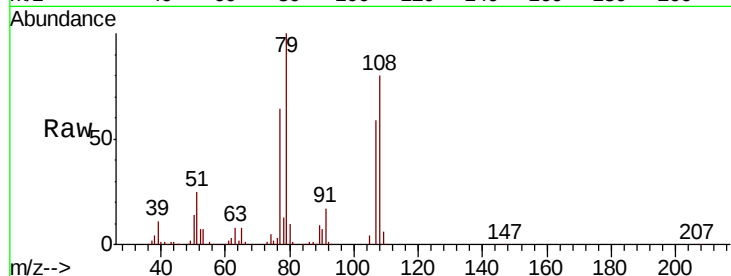
ClientSampleId :

PB126048BS

Tot Ion:	79	Resp:	252966
Ion Ratio	Lower	Upper	
79	100		
108	80.5	65.6	98.4
77	63.9	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.478 ng

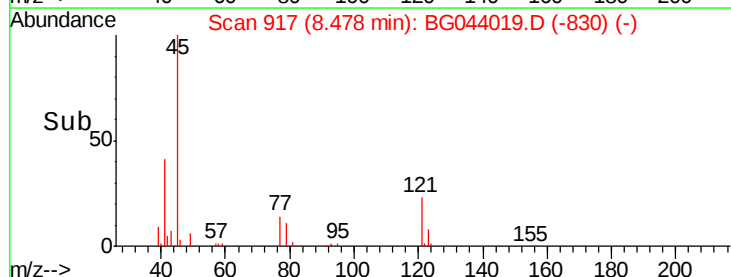
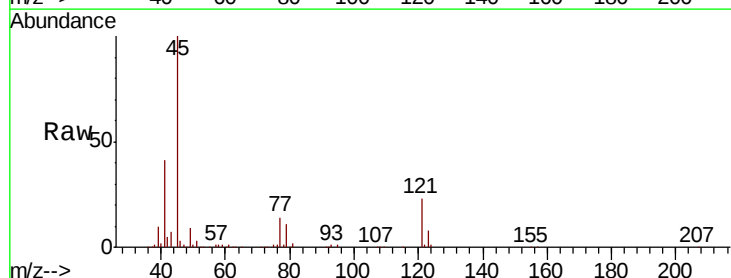
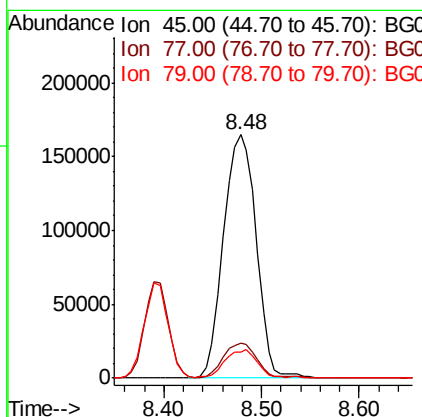
RT: 8.48 min Scan# 917

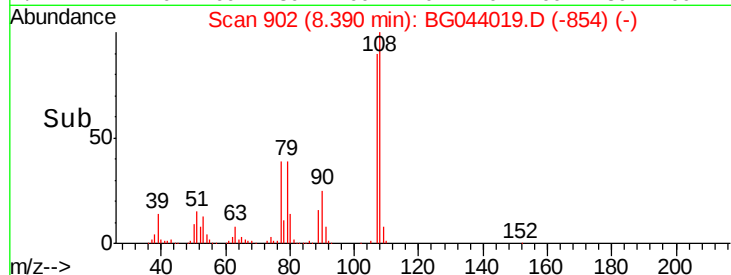
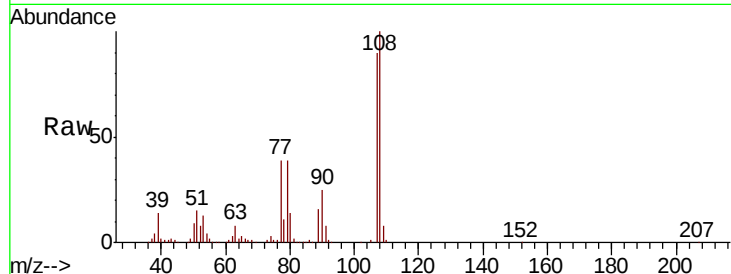
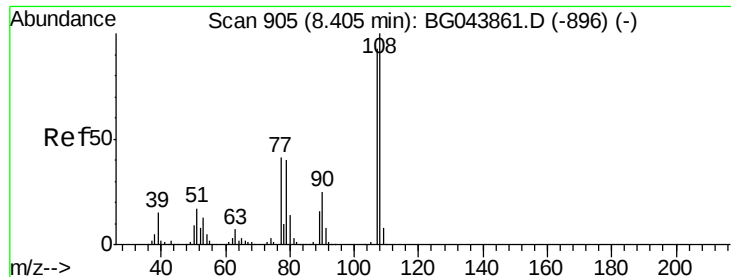
Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	45	Resp:	382922
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.8
79	10.9	0.0	31.0





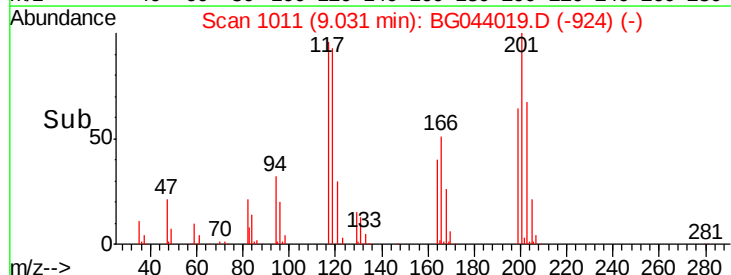
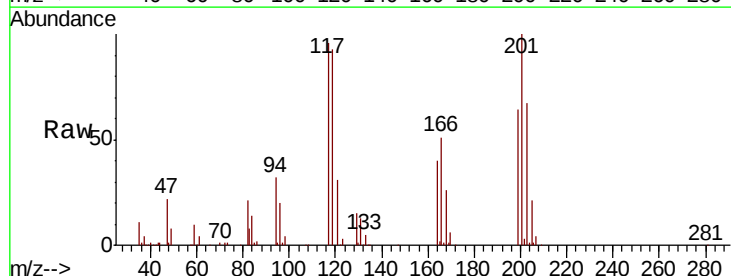
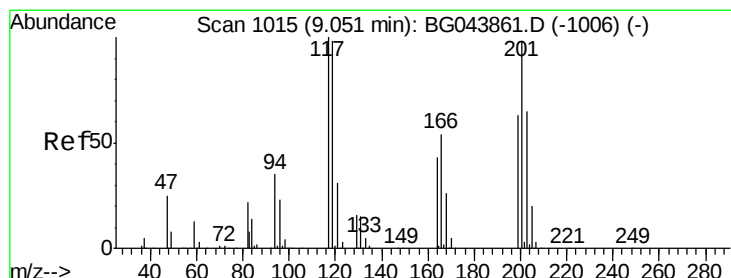
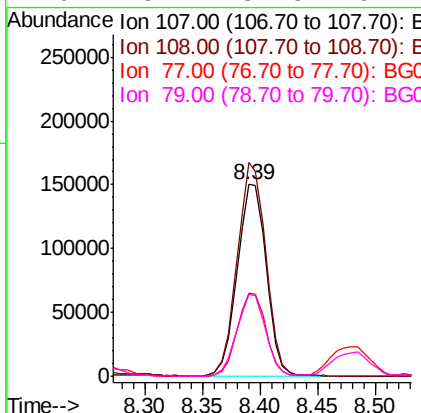
#17
2-Methylphenol
Concen: 41.210 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	86.1	129.1	
77	43.4	35.4	53.0	
79	43.1	34.8	52.2	

Instrument :
BNA_G
ClientSampleId :
PB126048BS

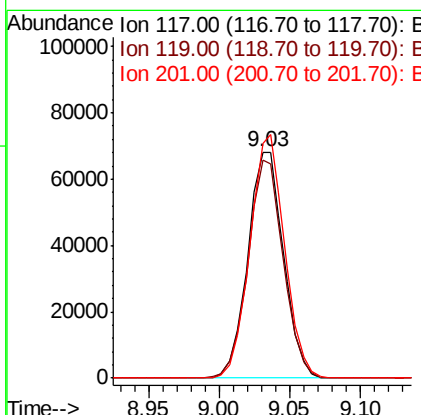
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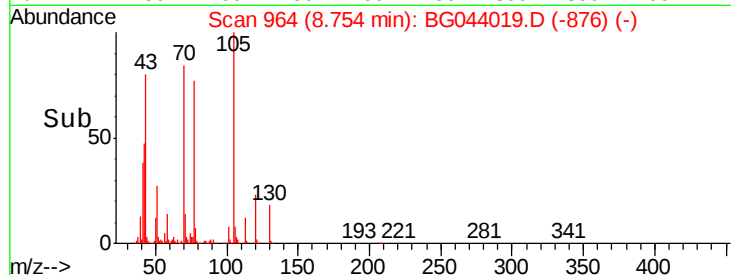
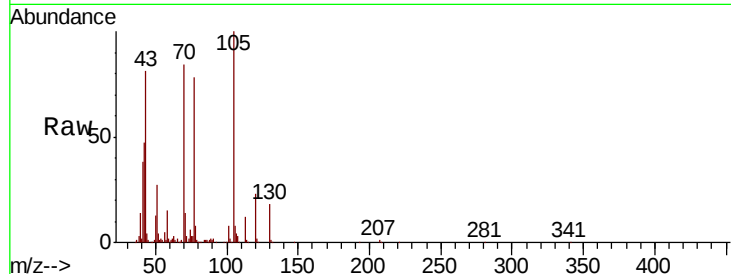
mohammad
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#18
Hexachloroethane
Concen: 37.453 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.1	117.1	
201	104.1	78.6	117.8	





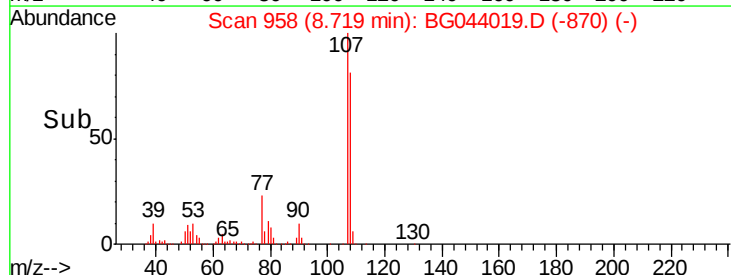
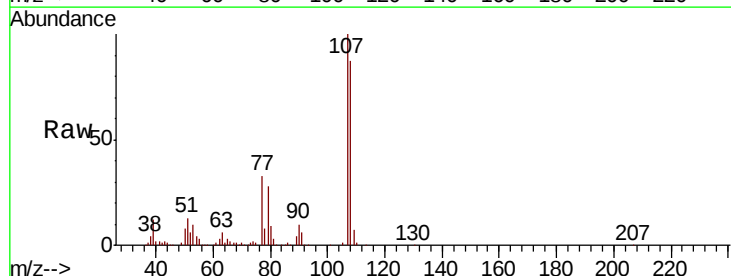
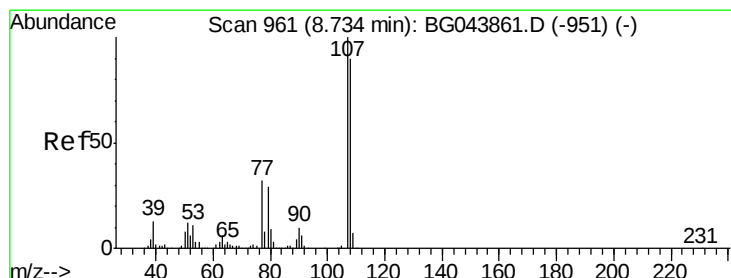
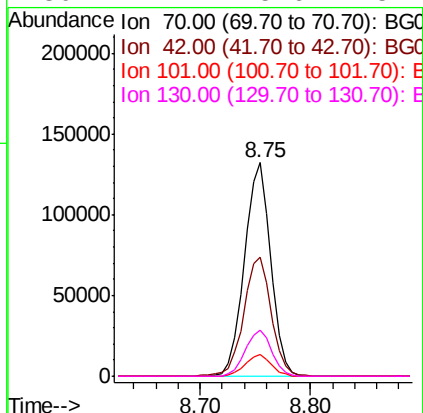
#19
n-Nitroso-di-n-propylamine
Concen: 34.506 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

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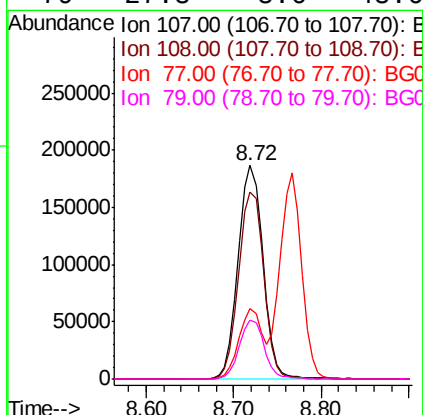
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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	47.0	70.4	
101	10.0	7.2	10.8	
130	21.7	15.6	23.4	



#20
3+4-Methylphenols
Concen: 40.198 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	70.3	110.3	
77	32.9	12.4	52.4	
79	27.8	8.6	48.6	





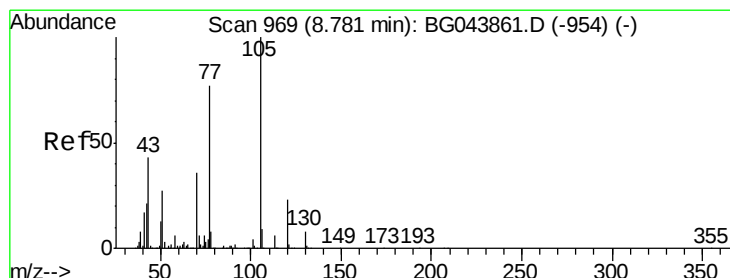
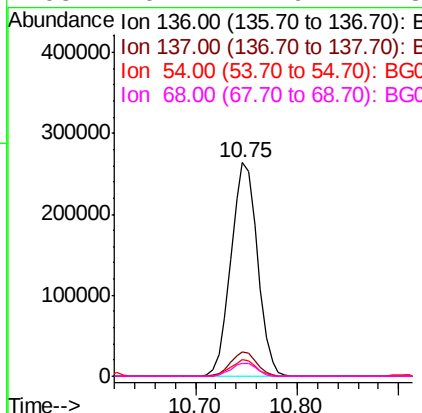
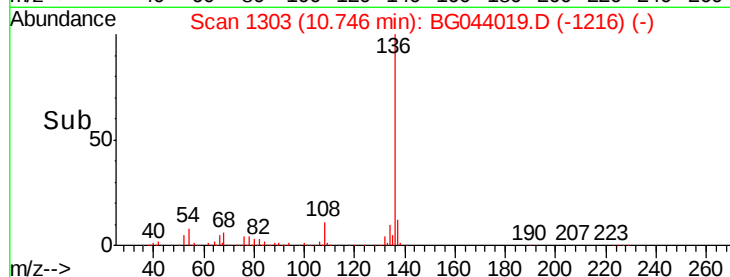
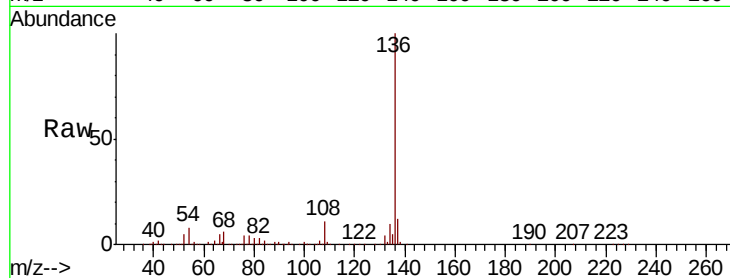
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	478390		
137	11.5		8.8	13.2
54	7.8		7.0	10.4
68	6.1		4.9	7.3

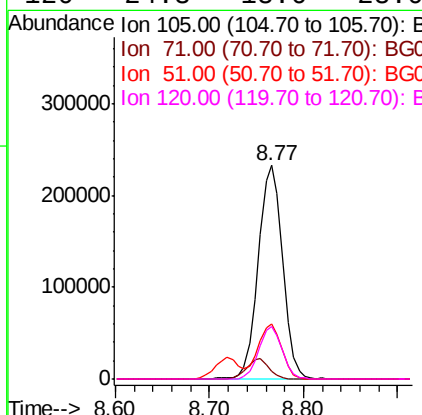
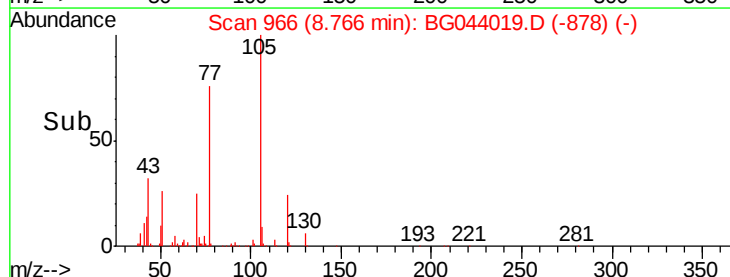
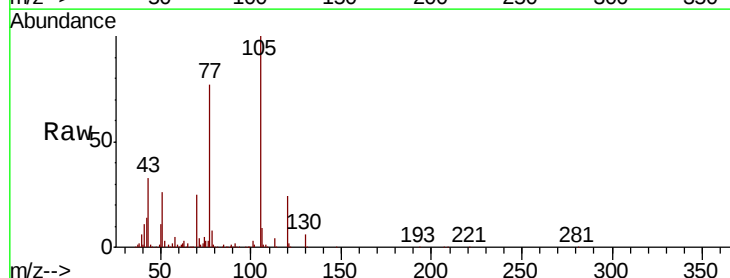
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#22
Acetophenone
Concen: 35.063 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	417007		
71	3.8		4.8	7.2#
51	26.0		21.4	32.0
120	24.3		18.6	28.0





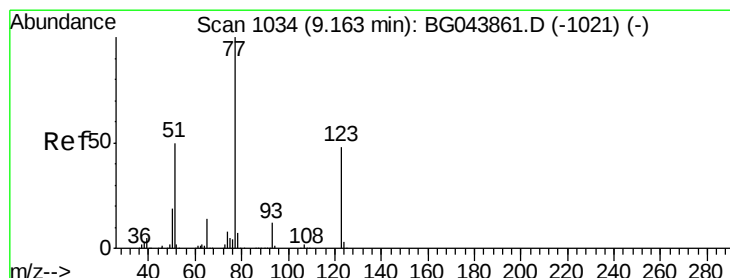
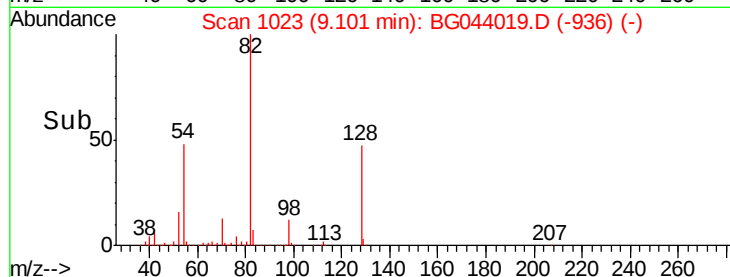
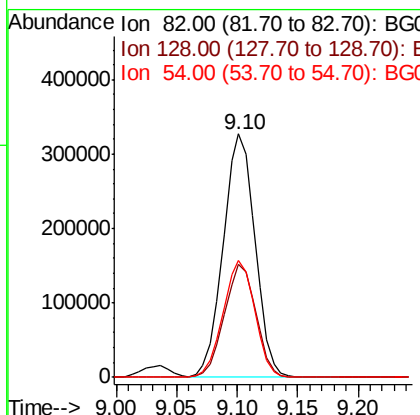
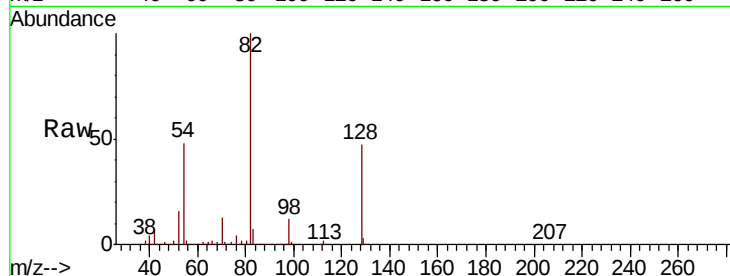
#23
 Nitrobenzene-d5
 Concen: 66.655 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleID :
 PB126048BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	35.1	52.7	
54	48.0	40.1	60.1	

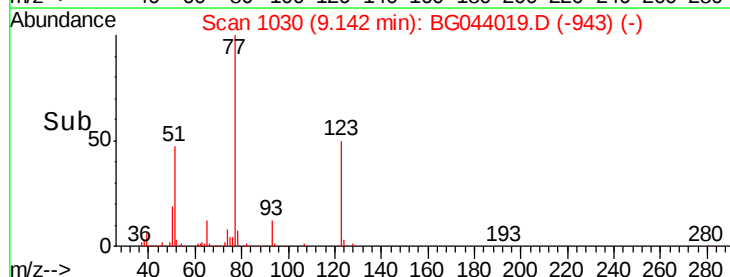
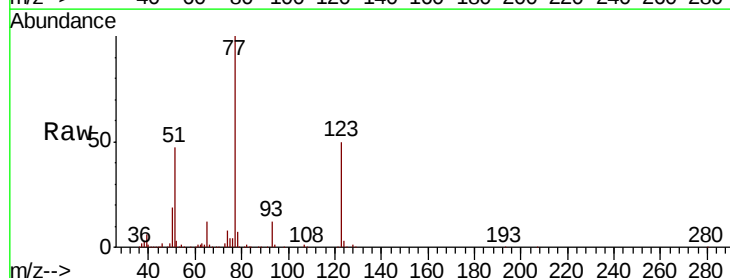
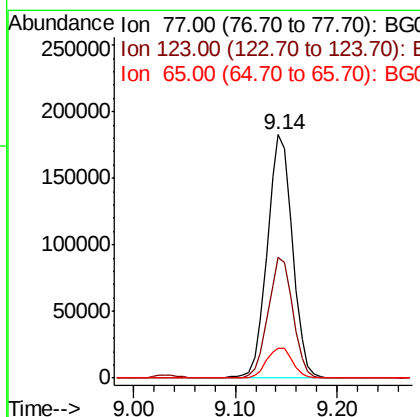
Manual Integrations
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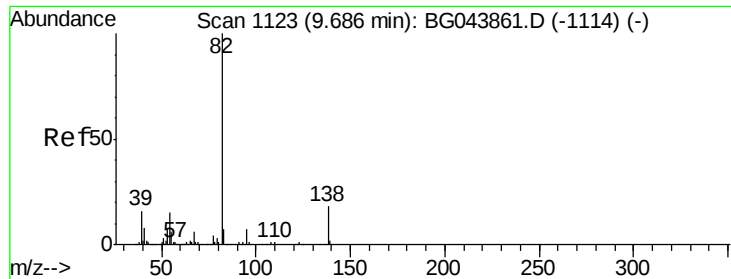
mohammad
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#24
 Nitrobenzene
 Concen: 35.622 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.8	38.7	58.1	
65	12.1	11.1	16.7	





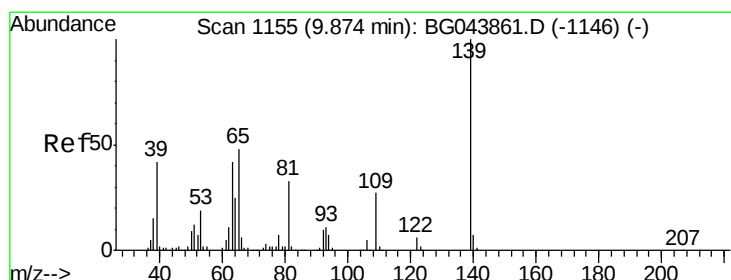
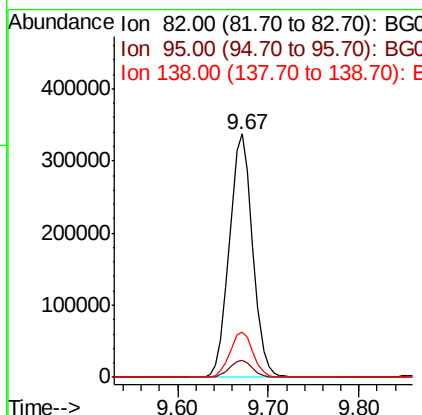
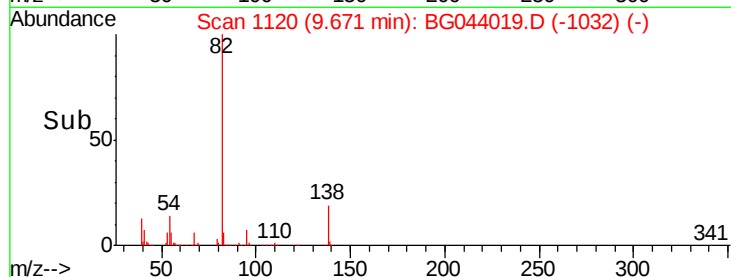
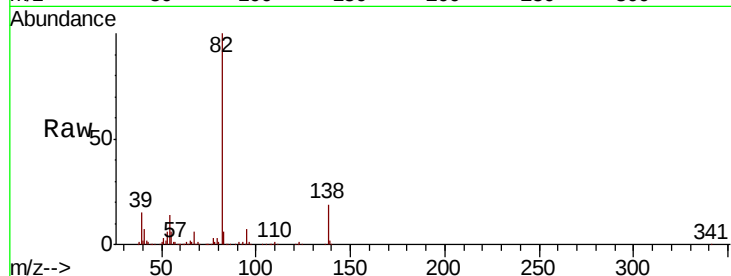
#25
Isophorone
Concen: 36.010 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.7	14.6	22.0

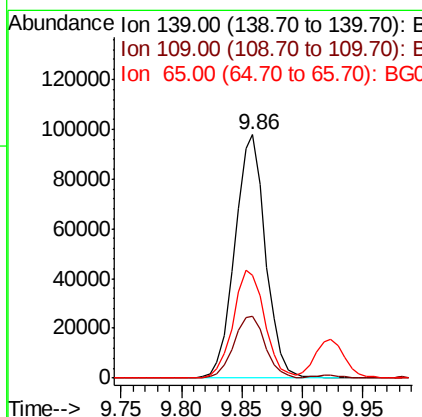
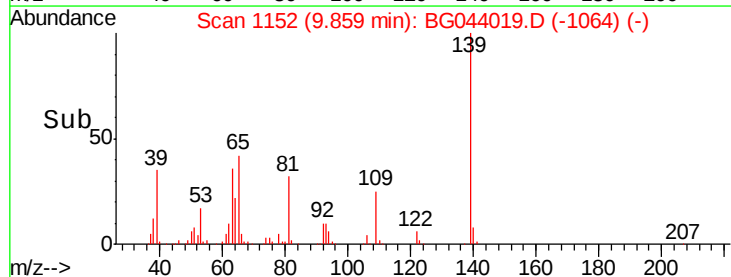
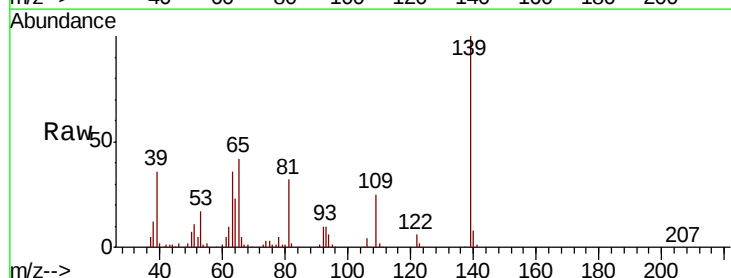
Manual Integrations
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#26
2-Nitrophenol
Concen: 41.266 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.2	21.3	31.9
65	42.4	38.6	57.8





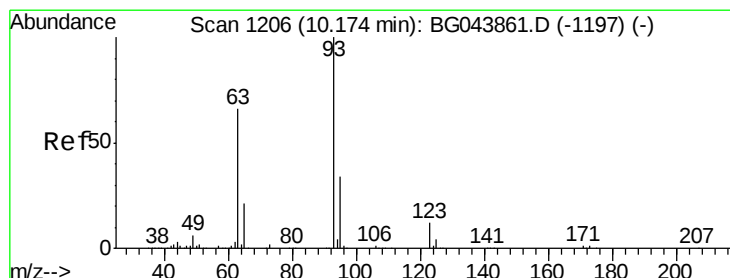
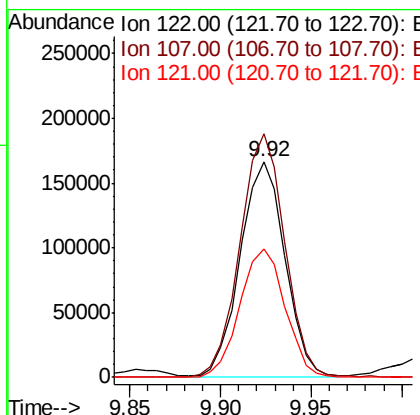
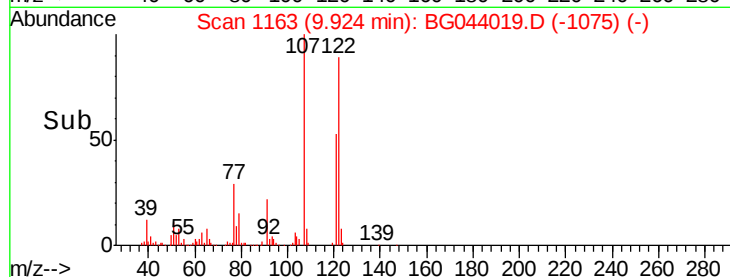
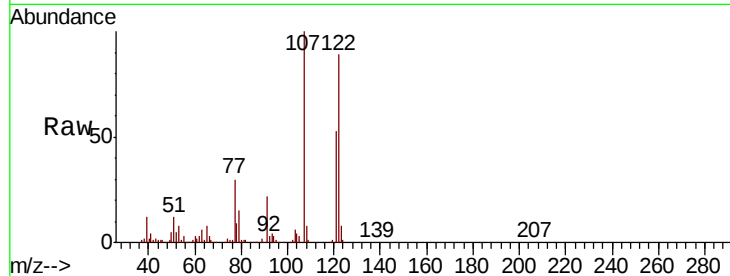
#27
2,4-Dimethylphenol
Concen: 45.285 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	285646		
107	112.7		88.0	132.0
121	59.6		49.0	73.4

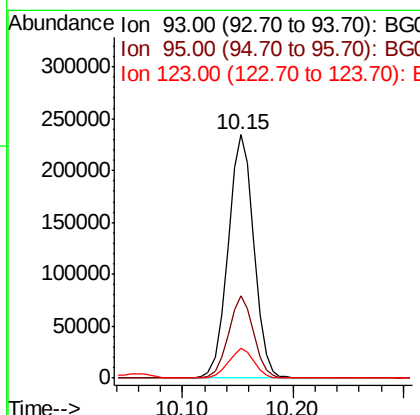
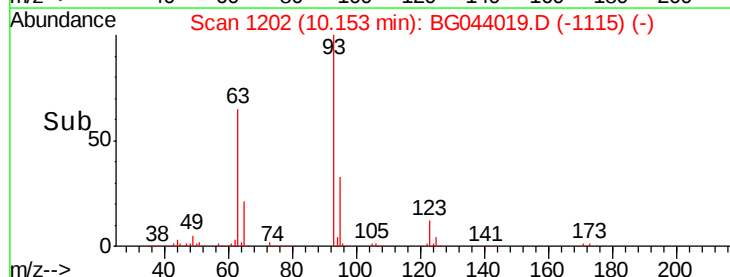
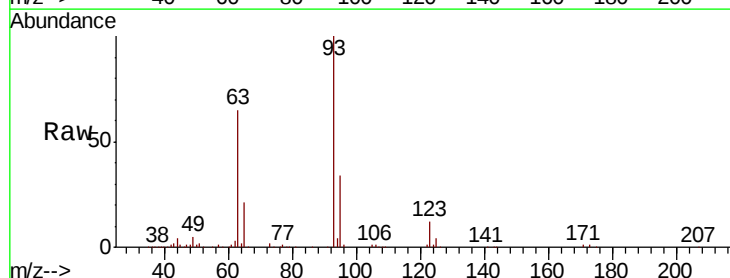
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#28
bis(2-Chloroethoxy)methane
Concen: 34.205 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	382584		
95	33.6		27.2	40.8
123	12.0		9.7	14.5





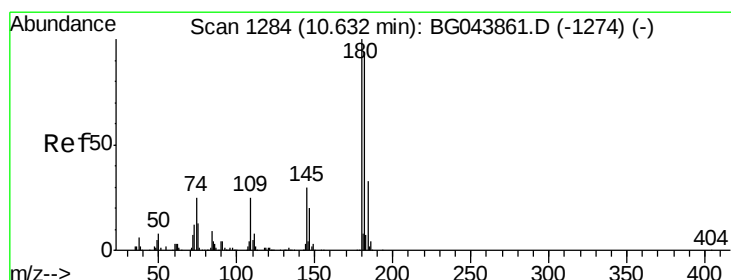
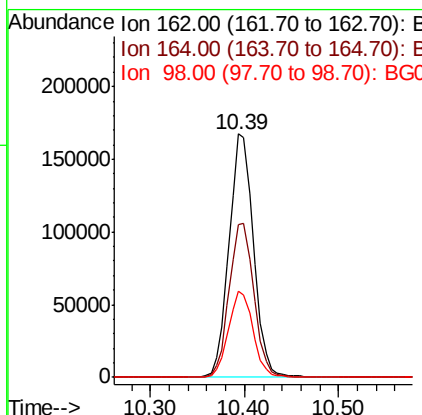
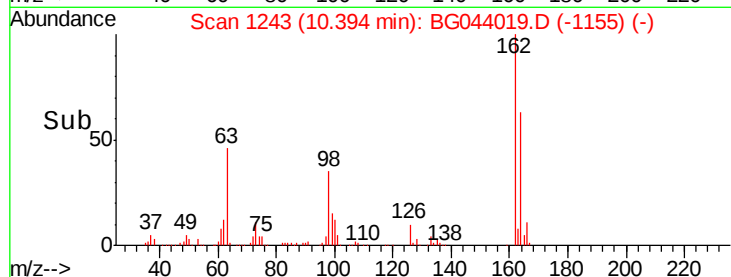
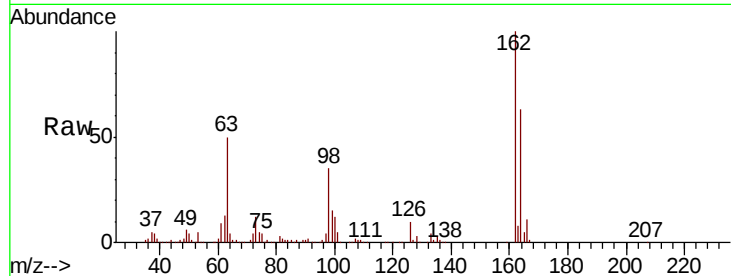
#29
2,4-Dichlorophenol
Concen: 40.320 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	46.3	86.3
98	35.2	17.3	57.3

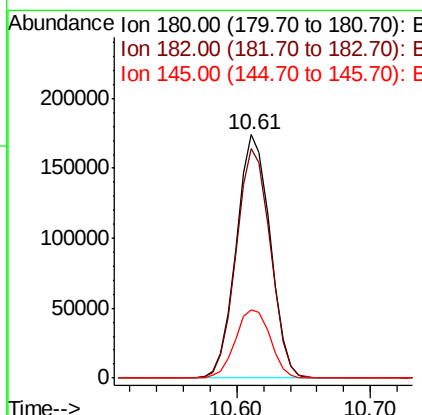
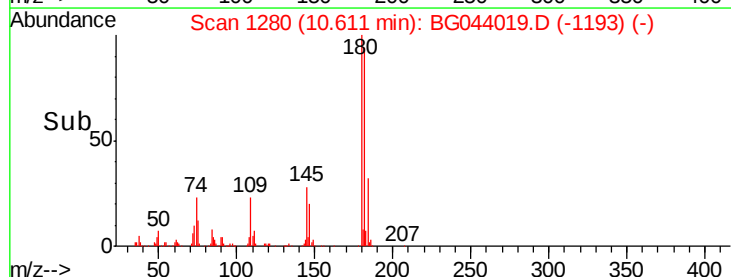
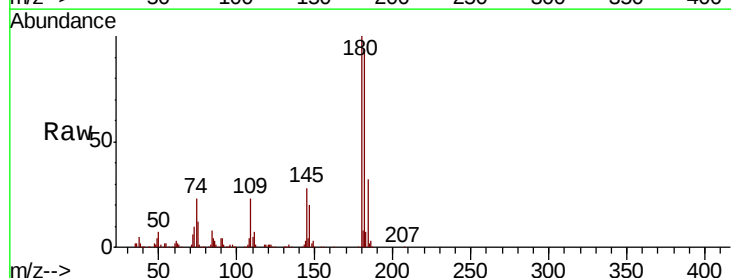
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#30
1,2,4-Trichlorobenzene
Concen: 36.214 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.0	112.4
145	27.9	24.2	36.4





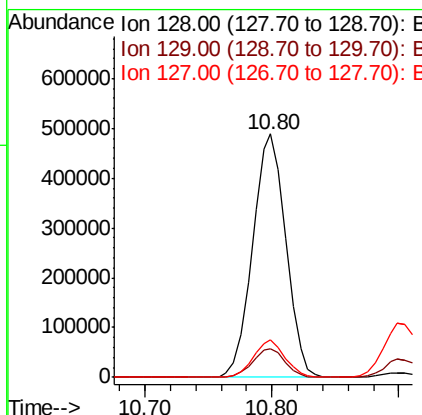
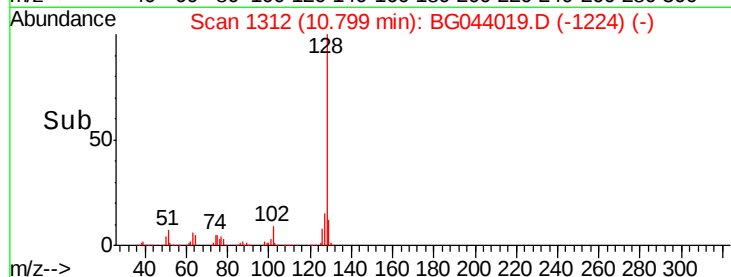
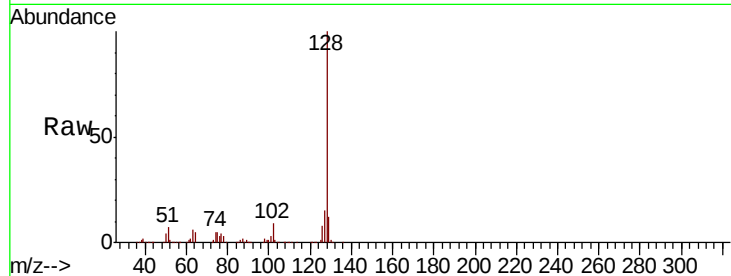
#31
Naphthalene
Concen: 38.344 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	15.2	12.0	18.0

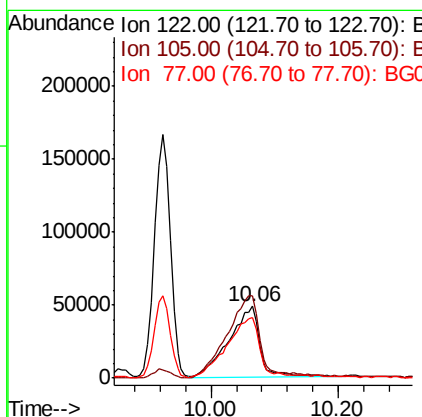
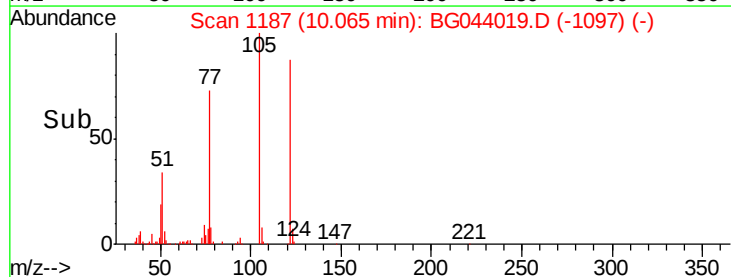
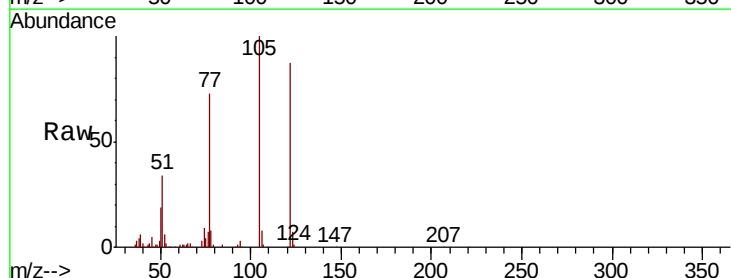
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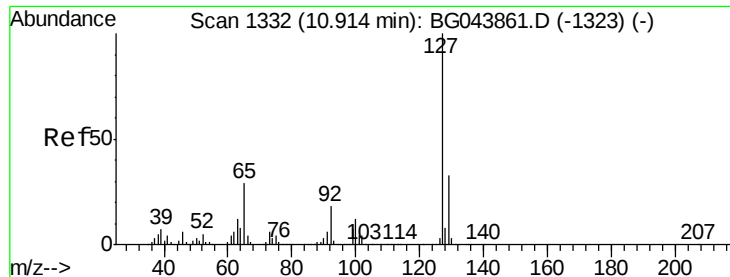
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#32
Benzoic acid
Concen: 34.128 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	106.4	146.4
77	84.6	74.6	114.6





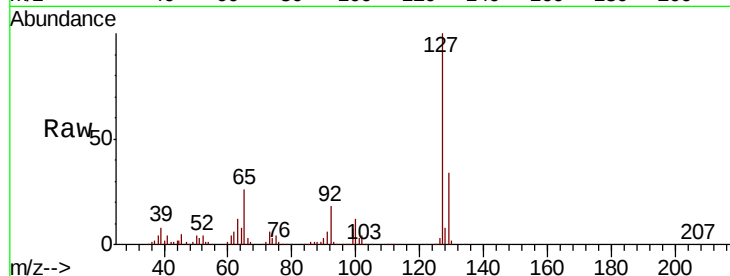
#33
4-Chloroaniline
Concen: 19.518 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		215514		
129	34.0	26.6	40.0		
65	26.4	23.3	34.9		
92	18.1	14.7	22.1		

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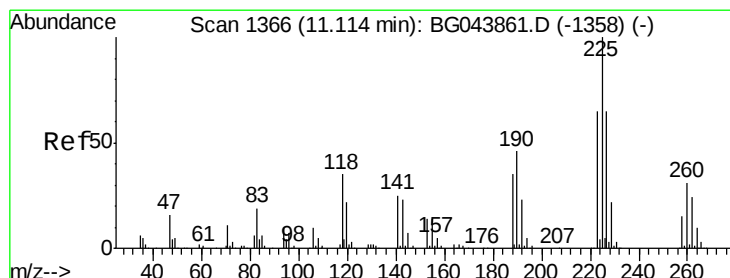
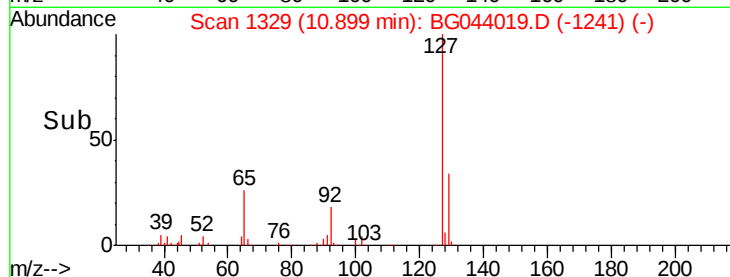
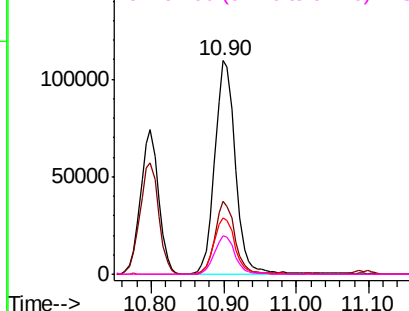
Abundance

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: 34.321 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

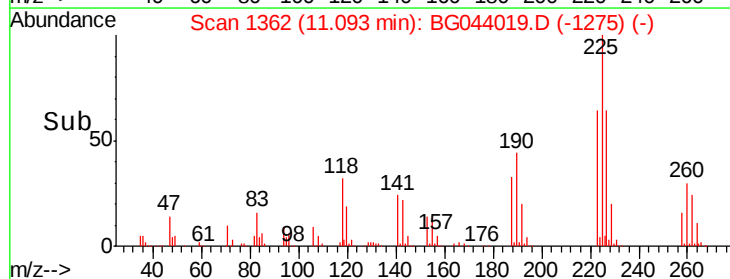
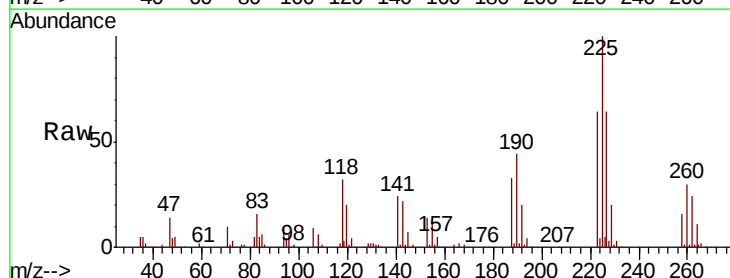
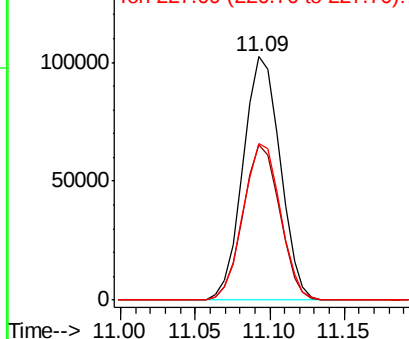
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		176781		
223	64.0	52.2	78.4		
227	64.5	52.1	78.1		

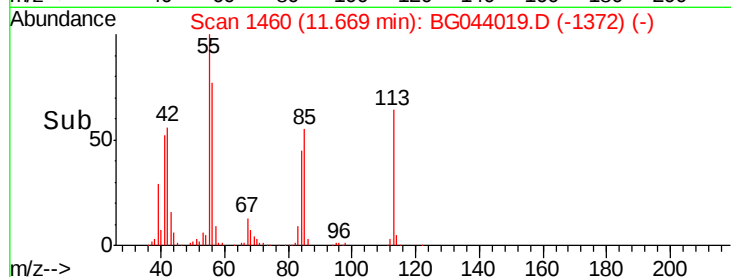
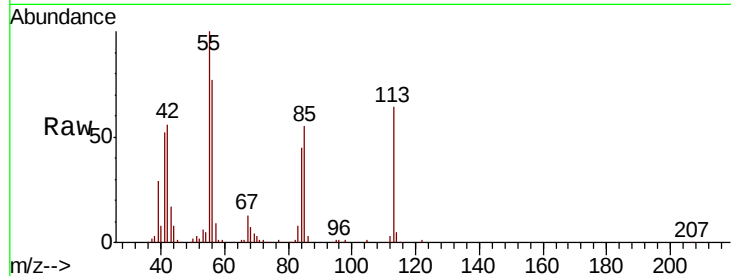
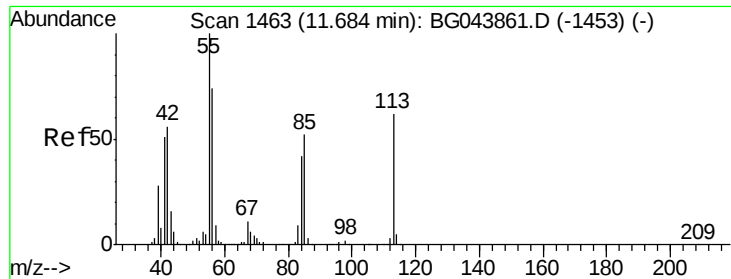
Abundance

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: 40.813 ng/ml

RT: 11.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleID :

PB126048BS

Tot Ion: 113 Resp: 114316

Ion Ratio Lower Upper

113 100

55 155.7 142.5 182.5

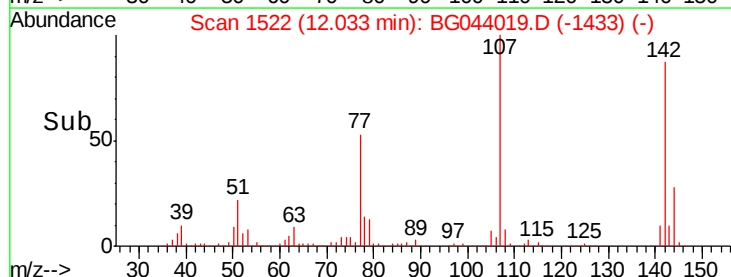
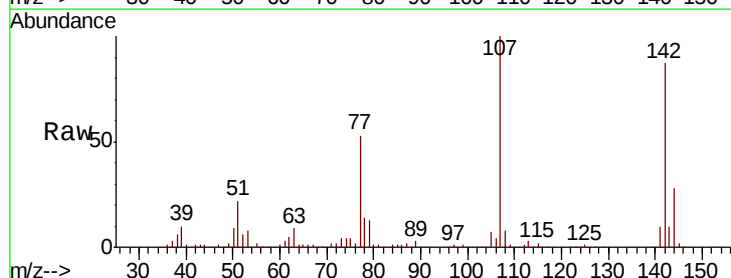
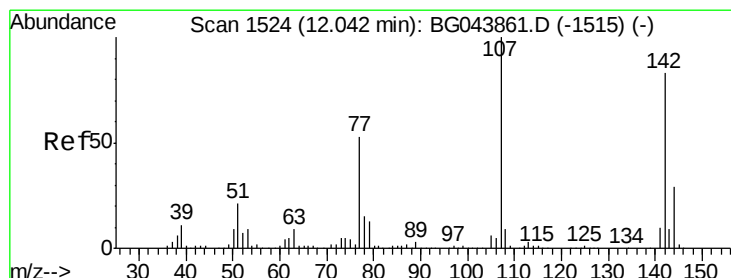
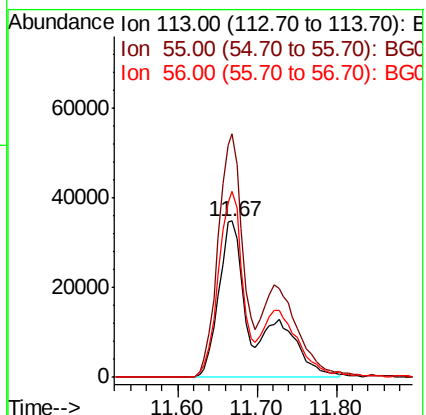
56 119.3 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 40.179 ng/ml

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

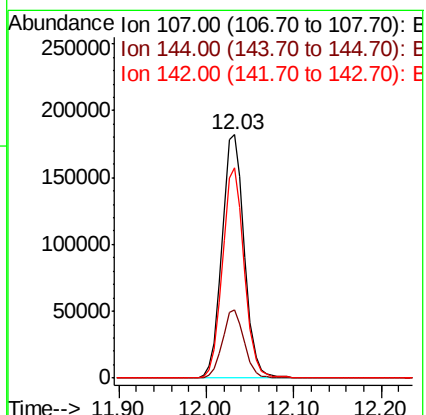
Tgt Ion: 107 Resp: 321828

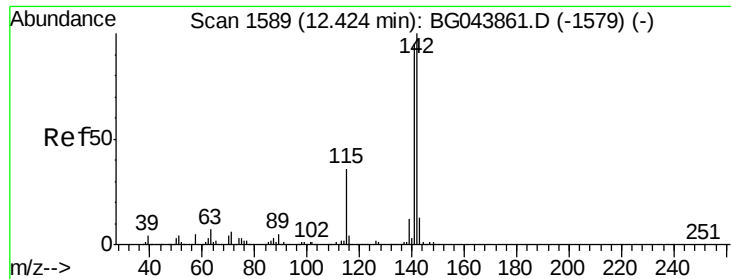
Ion Ratio Lower Upper

107 100

144 28.1 23.4 35.2

142 86.5 66.3 99.5





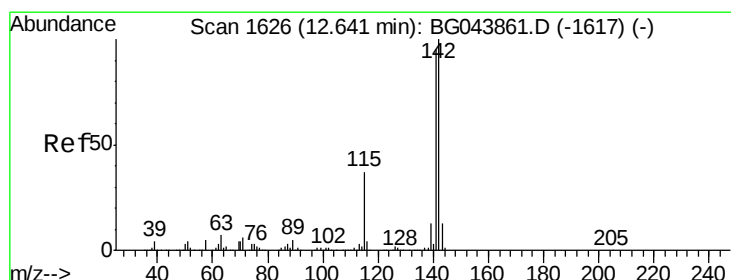
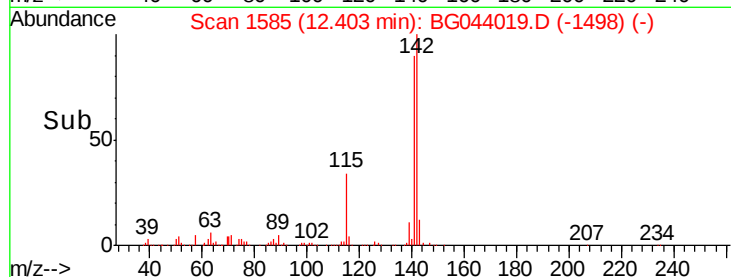
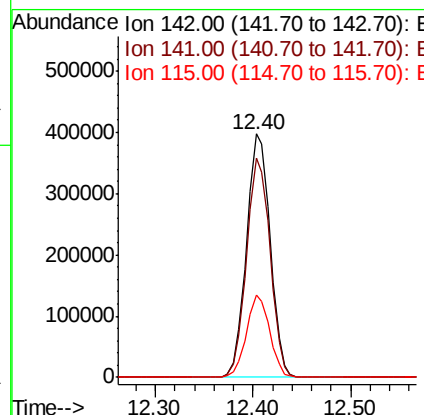
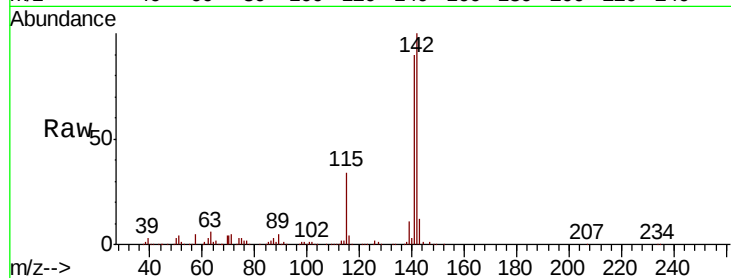
#37
2-Methylnaphthalene
Concen: 38.329 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.8	113.8
115	34.1	28.6	42.8

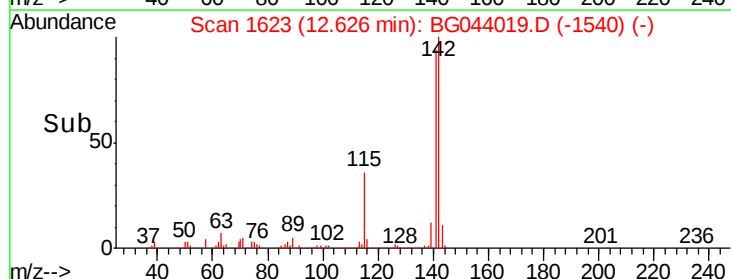
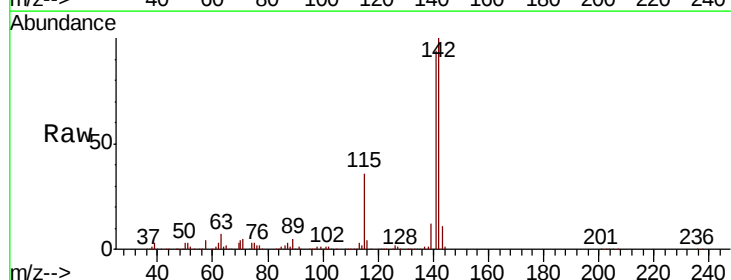
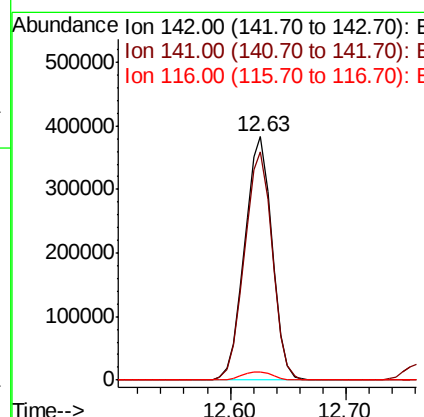
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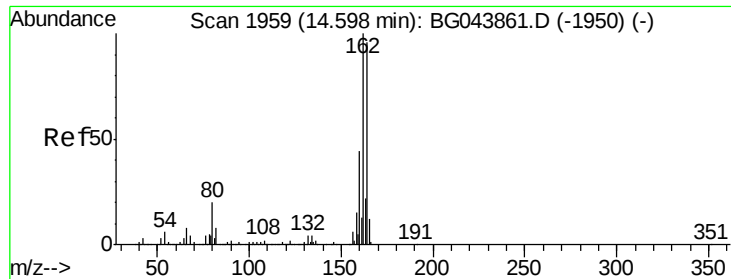
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#38
1-Methylnaphthalene
Concen: 38.137 ng
RT: 12.63 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	76.0	114.0
116	3.6	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: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

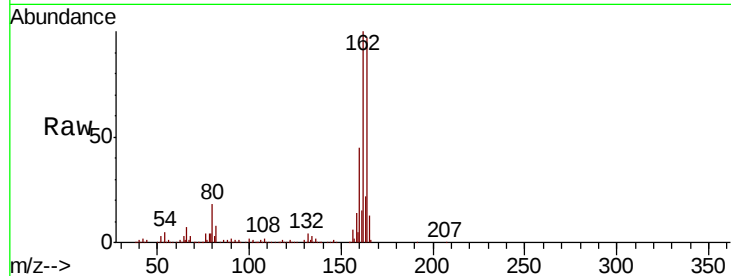
ClientSampleId :

PB126048BS

Tot Ion:	164	Resp:	316335
Ion Ratio	Lower	Upper	
164	100		
162	102.8	83.0	124.4
160	45.8	36.1	54.1

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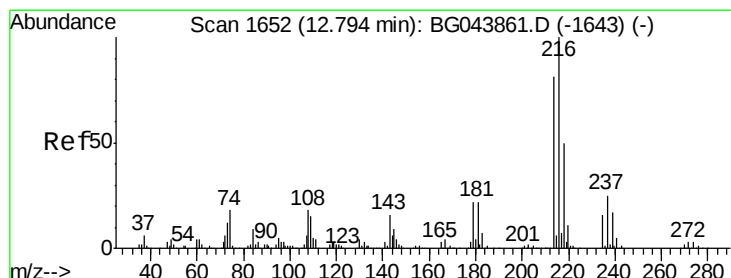
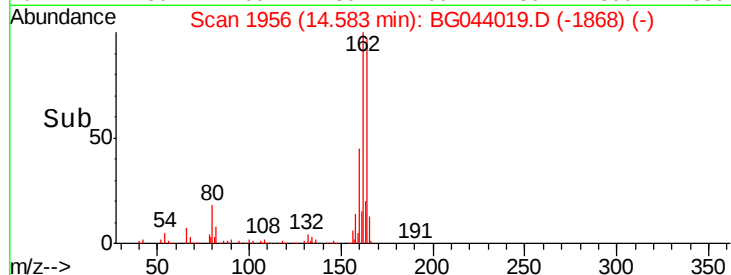
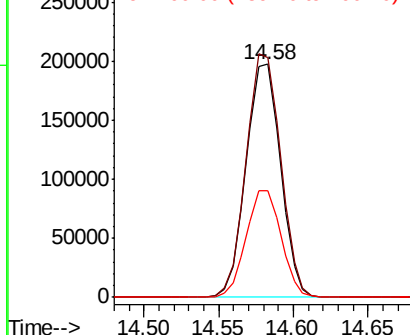


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.940 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	216	Resp:	314685
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.8	95.8
179	21.2	17.3	25.9
108	19.2	15.3	22.9

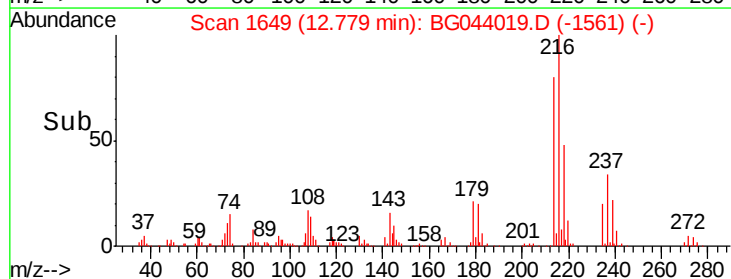
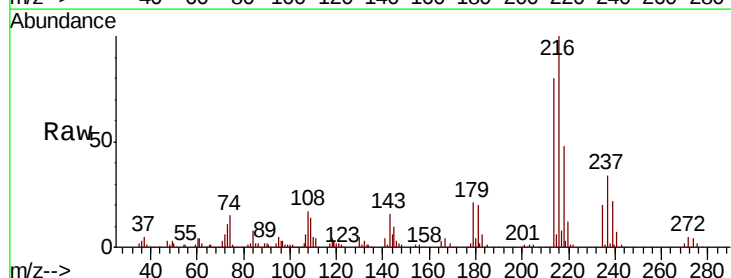
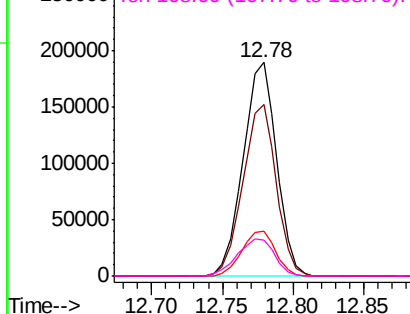
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 68.999 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

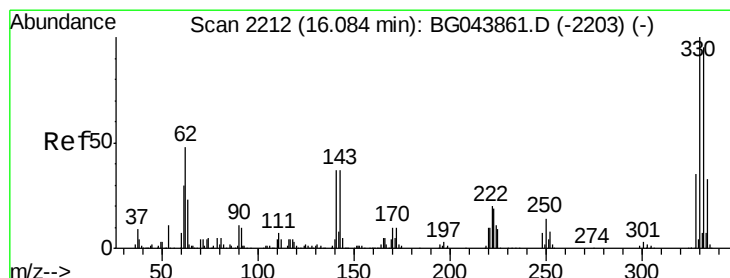
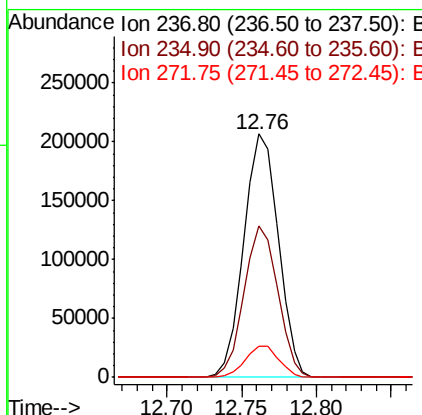
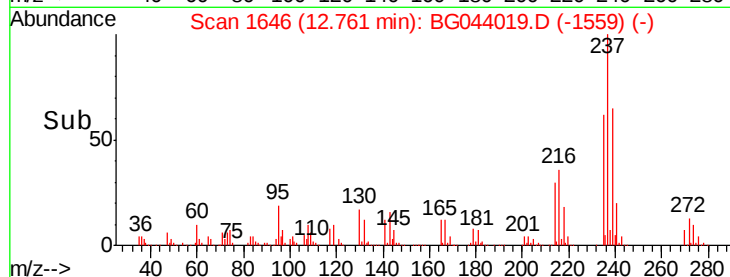
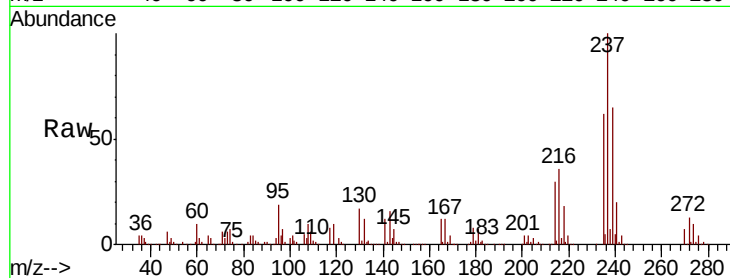
ClientSampleId :

PB126048BS

Tot Ion:	237	Resp:	331670
Ion Ratio	Lower	Upper	
237	100		
235	62.3	41.1	81.1
272	12.9	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 118.650 ng

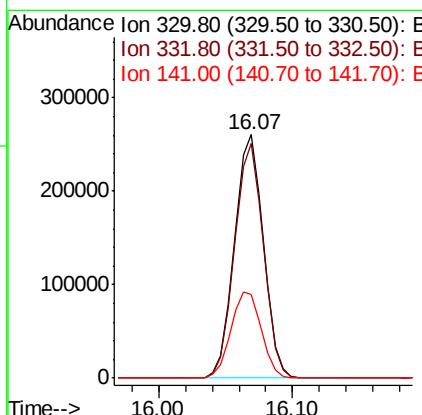
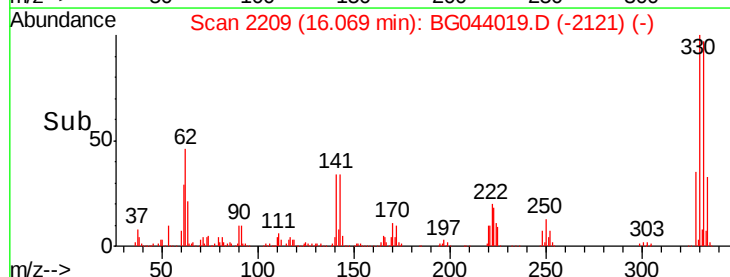
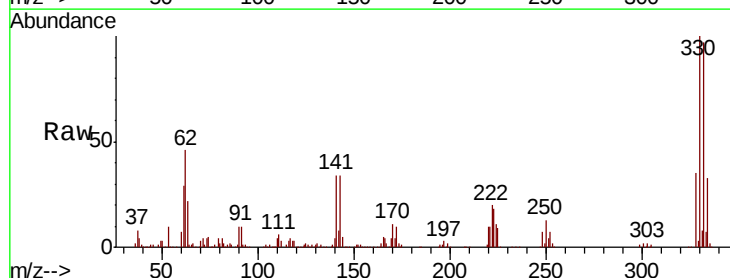
RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	330	Resp:	392776
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.2	115.8
141	37.6	33.1	49.7





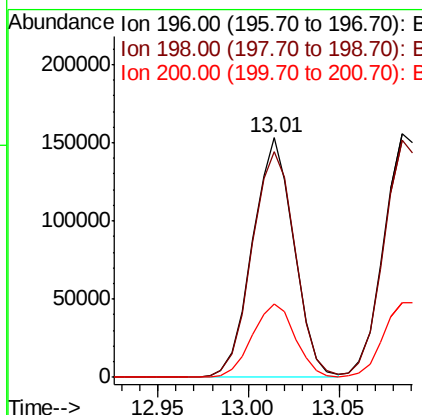
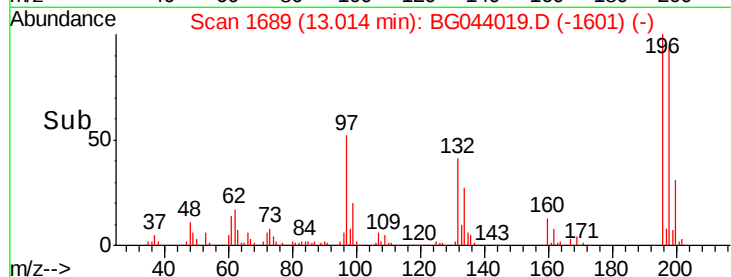
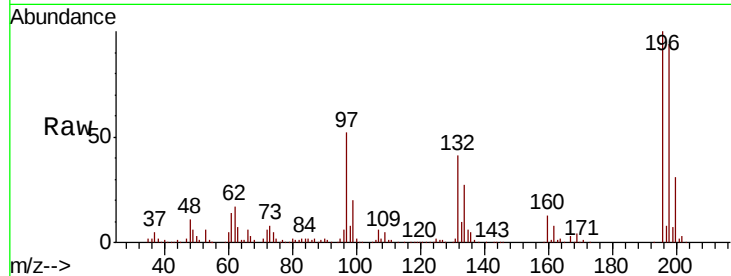
#43
 2,4,6-Trichlorophenol
 Concen: 38.004 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126048BS

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

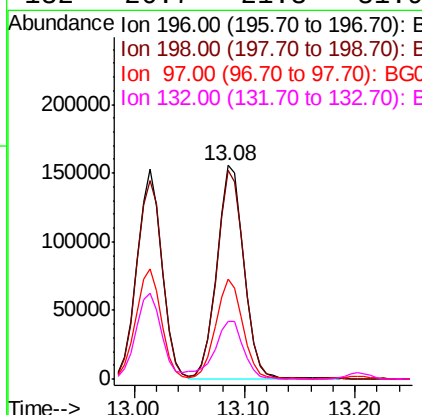
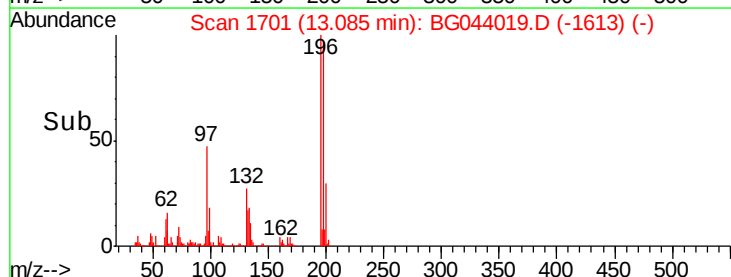
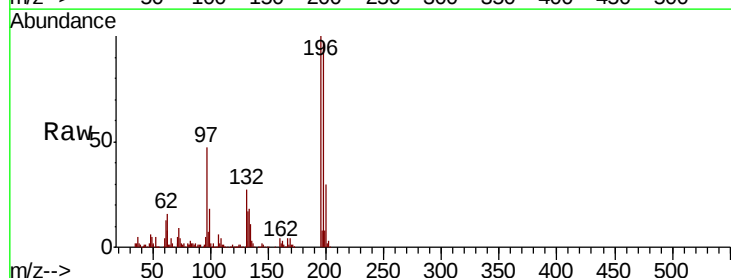
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#44
 2,4,5-Trichlorophenol
 Concen: 40.097 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.3	117.5
97	46.9	38.8	58.2
132	26.7	21.3	31.9





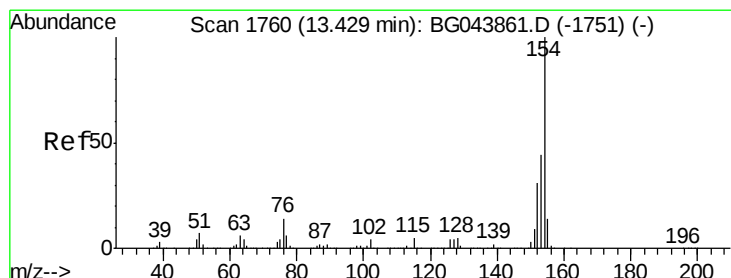
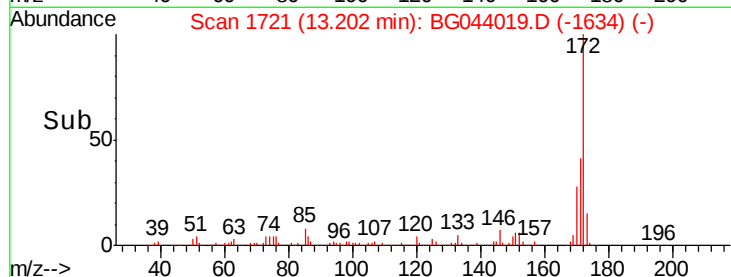
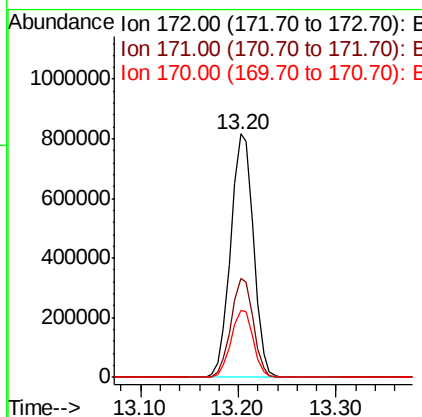
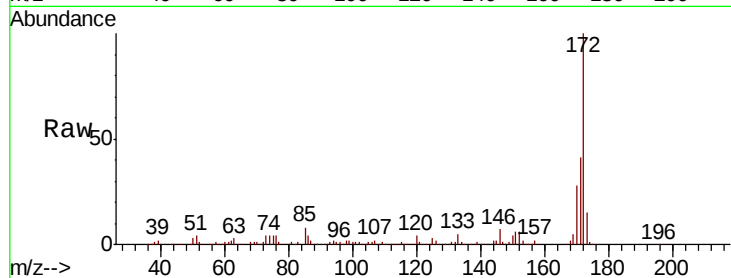
#45
 2-Fluorobiphenyl
 Concen: 75.449 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126048BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.8	53.8
170	27.5	24.2	36.4

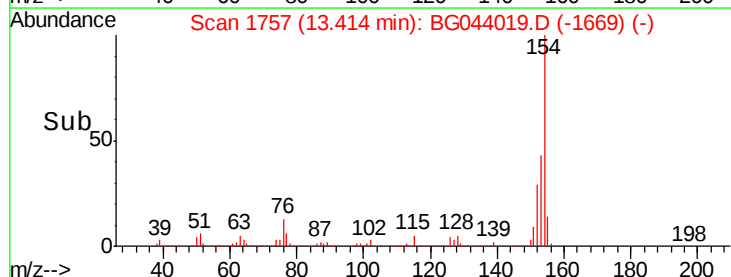
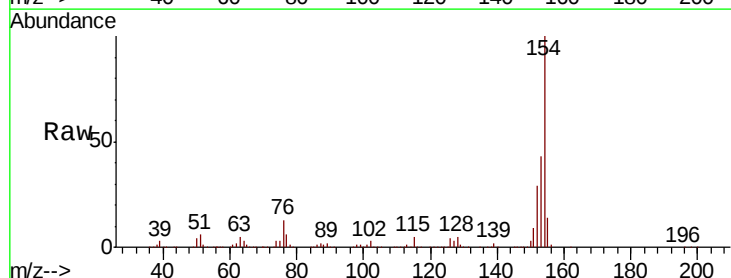
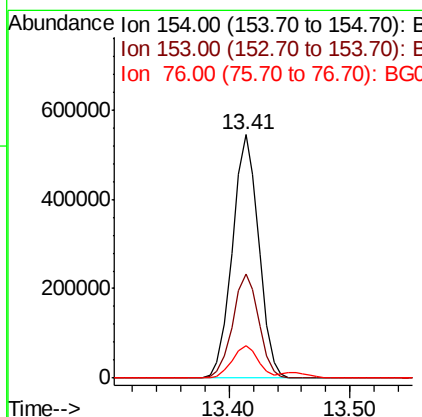
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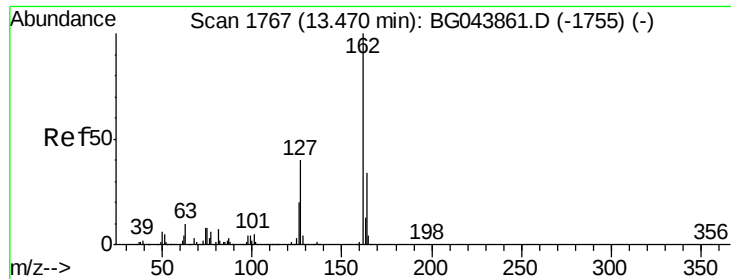
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#46
 1,1'-Biphenyl
 Concen: 36.474 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.6	63.6
76	13.1	0.0	34.4





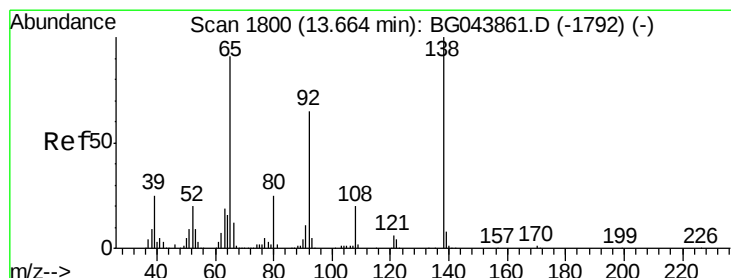
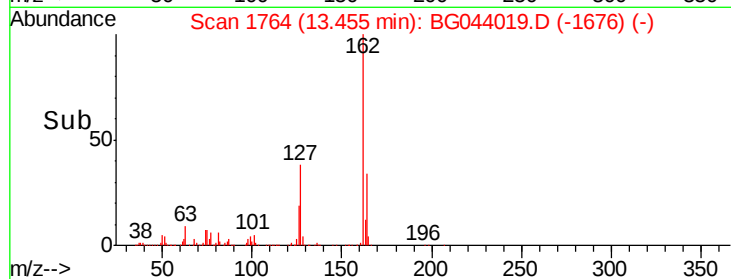
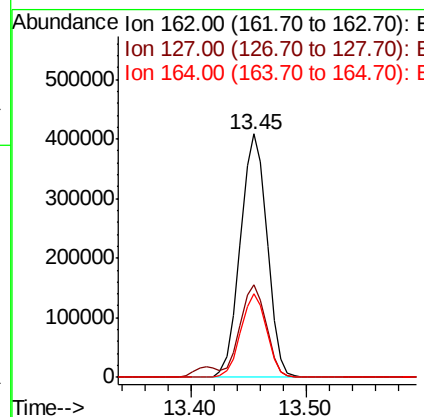
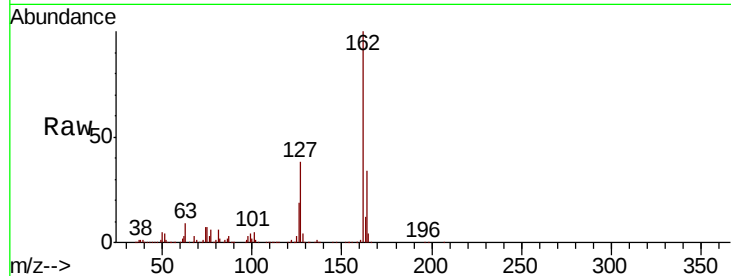
#47
2-Chloronaphthalene
Concen: 35.701 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.1	48.1
164	34.4	27.5	41.3

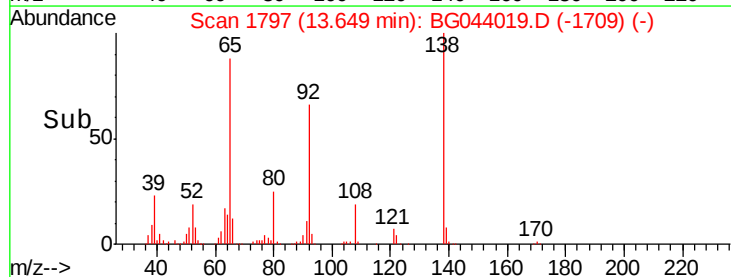
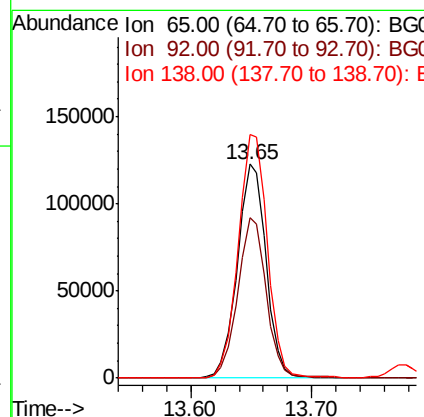
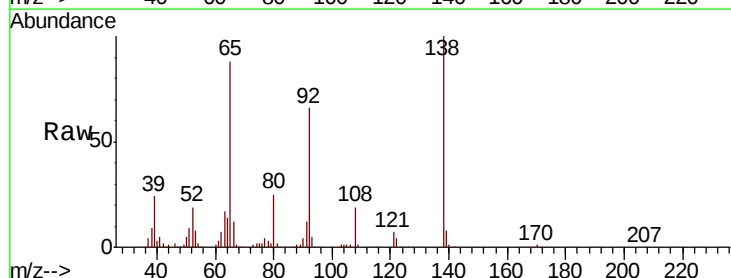
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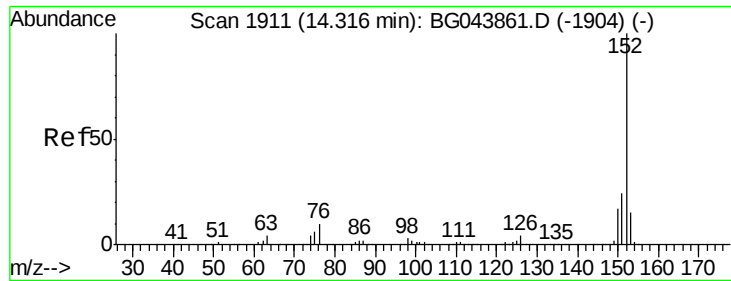
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#48
2-Nitroaniline
Concen: 34.614 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	57.4	86.2
138	113.8	88.2	132.4





#49

Acenaphthylene

Concen: 39.004 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

PB126048BS

Tot Ion:152 Resp: 1027439

Ion Ratio Lower Upper

152 100

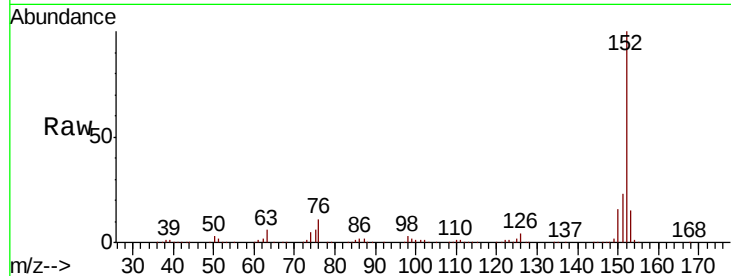
151 23.0 19.4 29.2

153 14.8 12.0 18.0

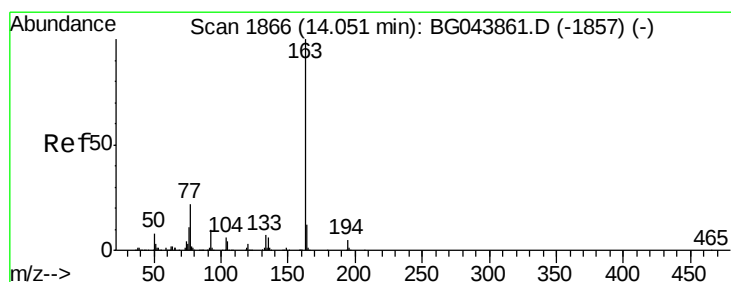
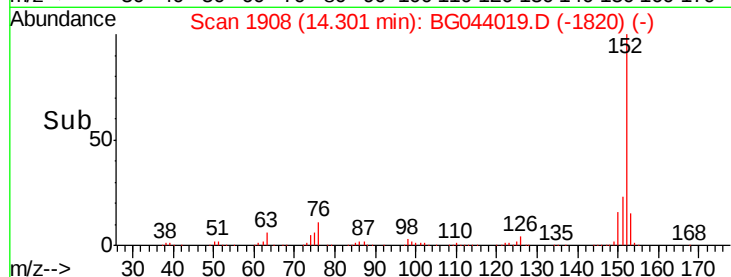
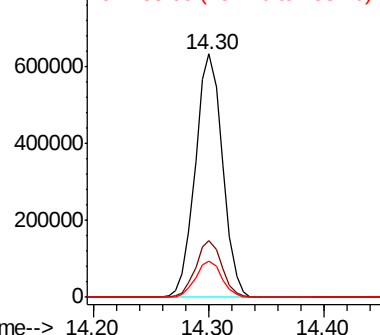
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.899 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

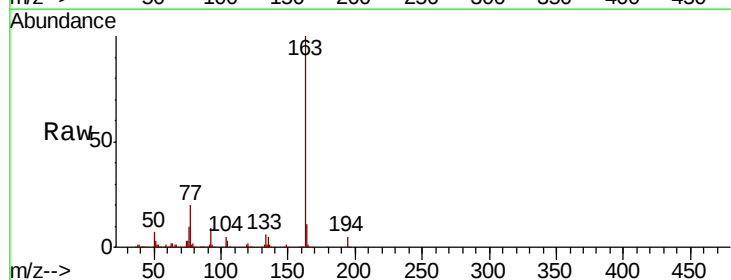
Tgt Ion:163 Resp: 851251

Ion Ratio Lower Upper

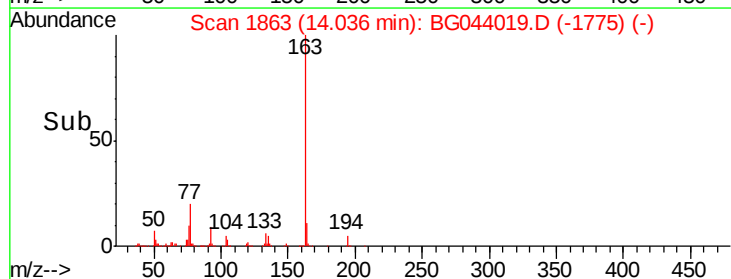
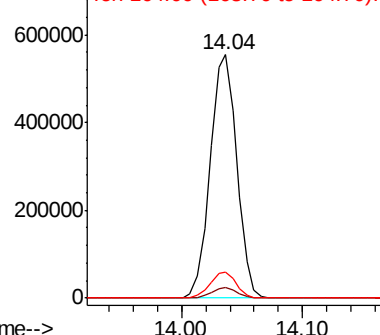
163 100

194 4.5 3.7 5.5

164 10.9 9.3 13.9



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





#51

2,6-Dinitrotoluene

Concen: 38.614 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

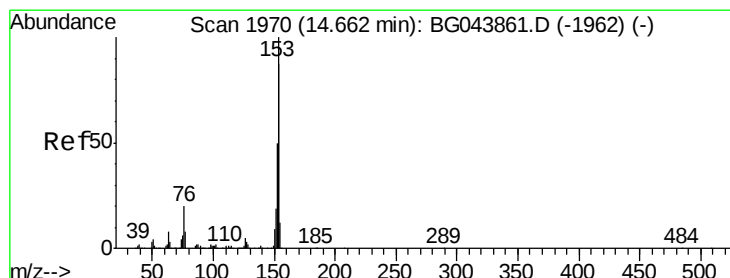
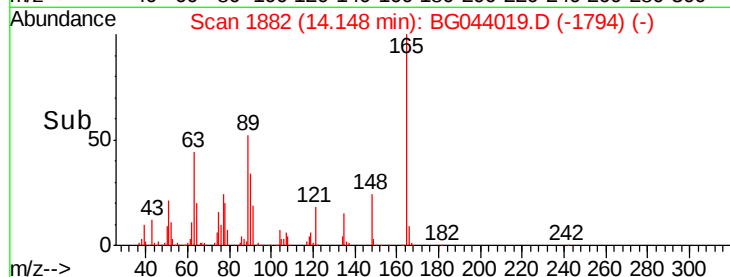
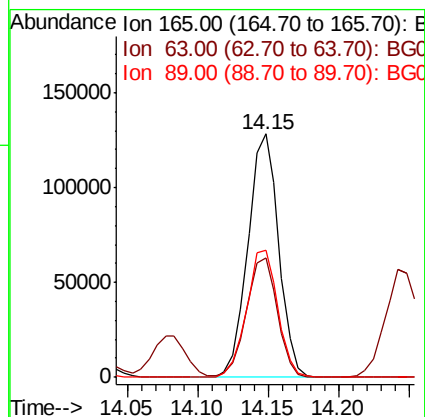
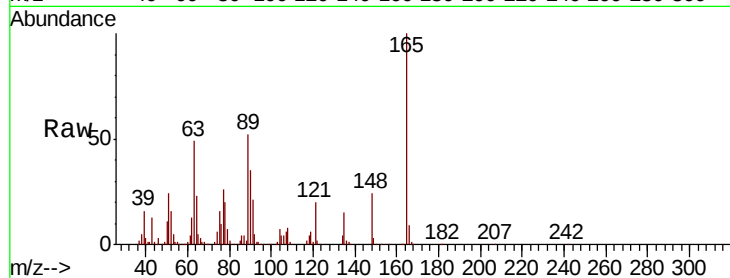
ClientSampleId :

PB126048BS

Tot Ion:	165	Resp:	196033
Ion Ratio	Lower	Upper	
165	100		
63	48.9	43.1	64.7
89	52.1	43.8	65.6

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#52

Acenaphthene

Concen: 35.162 ng

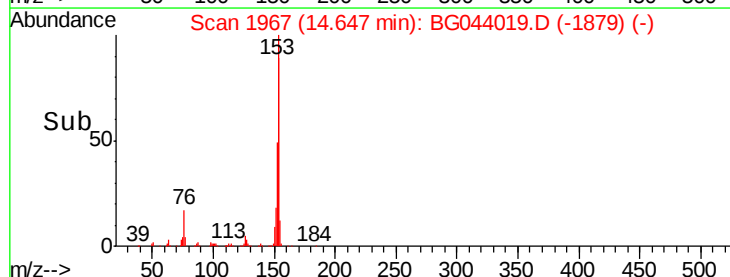
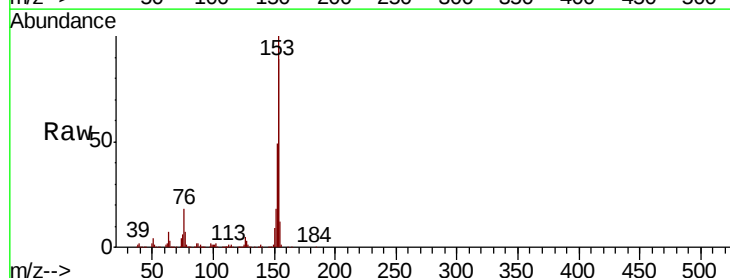
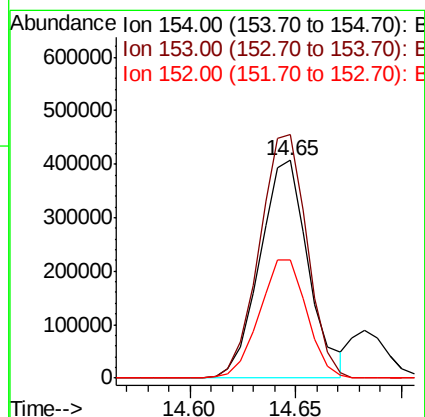
RT: 14.65 min Scan# 1967

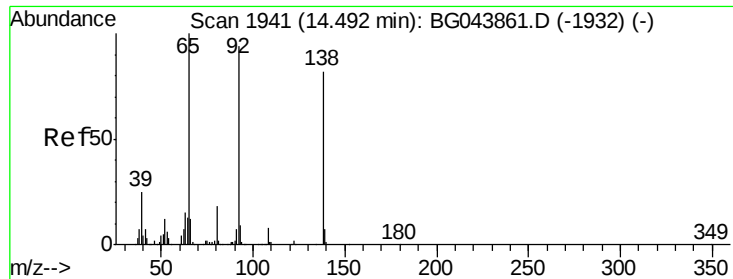
Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	154	Resp:	649564
Ion Ratio	Lower	Upper	
154	100		
153	111.8	91.6	137.4
152	54.4	45.4	68.0





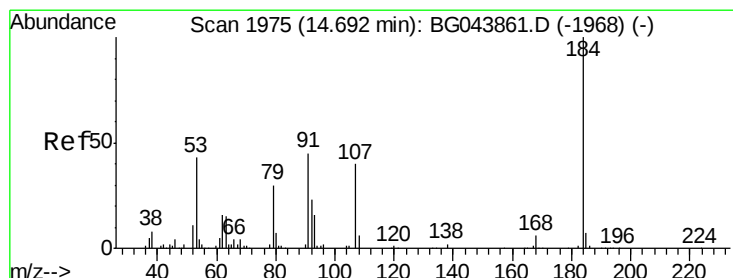
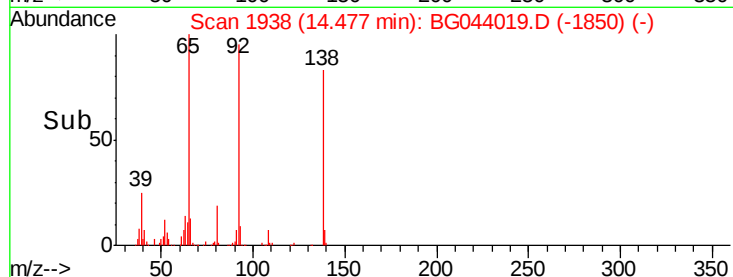
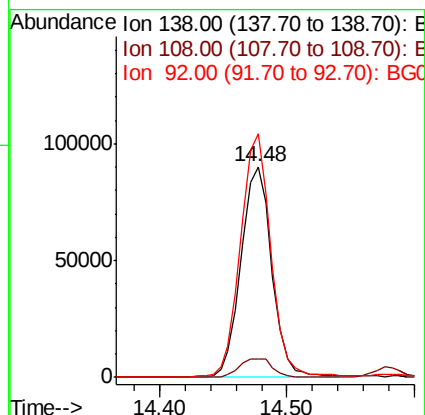
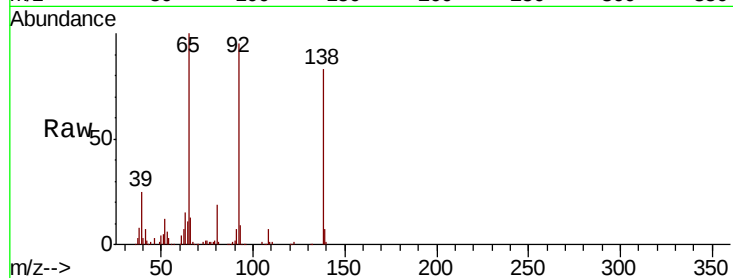
#53
3-Nitroaniline
Concen: 26.370 ng
RT: 14.48 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.2
92	115.5	92.1	138.1

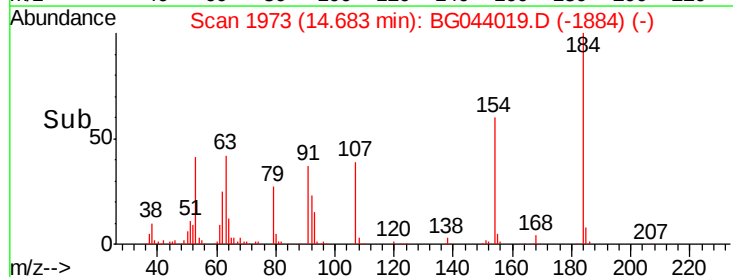
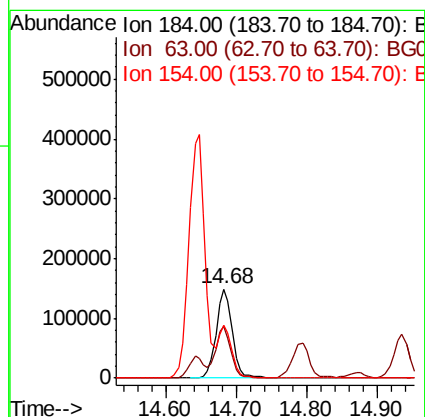
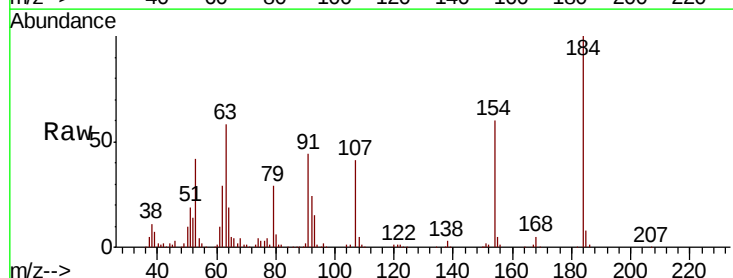
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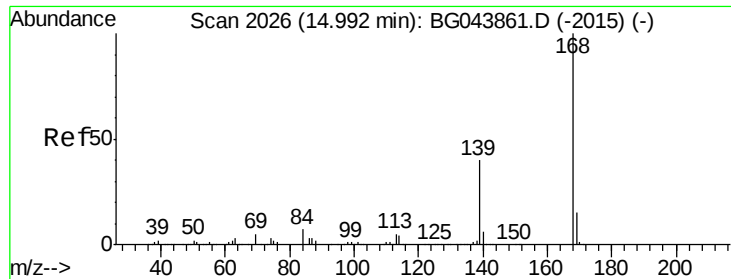
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#54
2,4-Dinitrophenol
Concen: 91.311 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.6	46.6	70.0
154	59.9	50.2	75.4





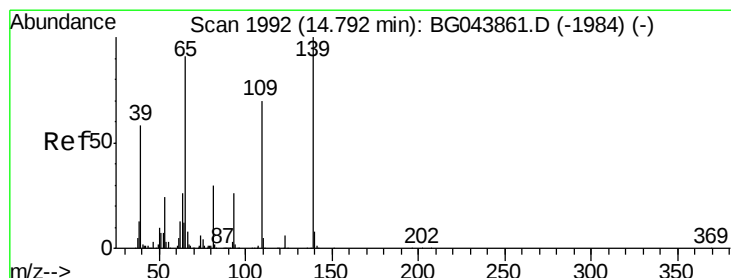
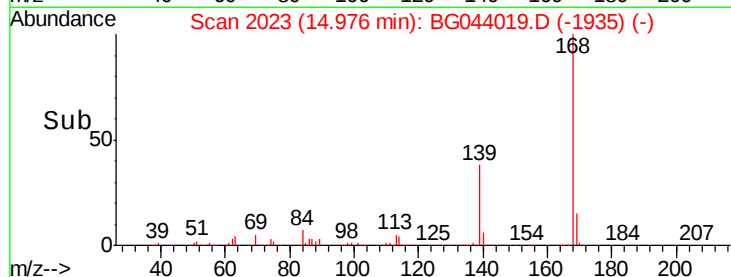
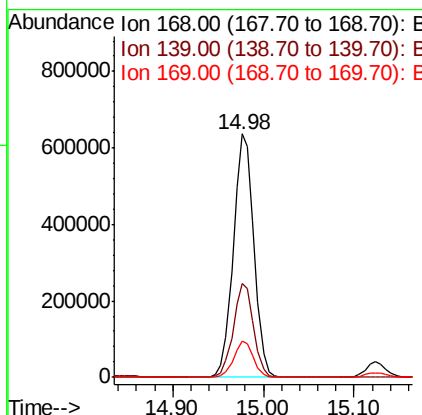
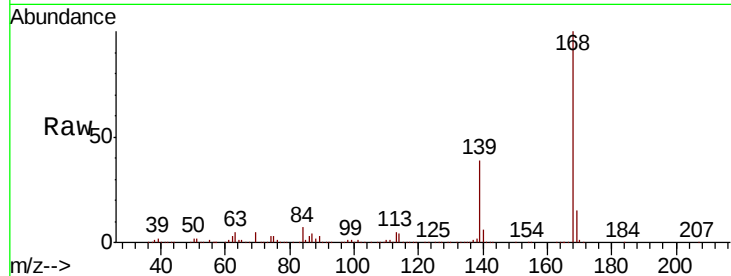
#55
Dibenzofuran
Concen: 39.450 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion:168 Resp: 1003248
Ion Ratio Lower Upper
168 100
139 38.6 32.2 48.2
169 15.0 12.2 18.2

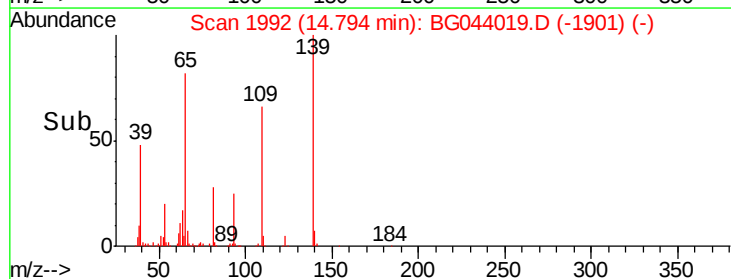
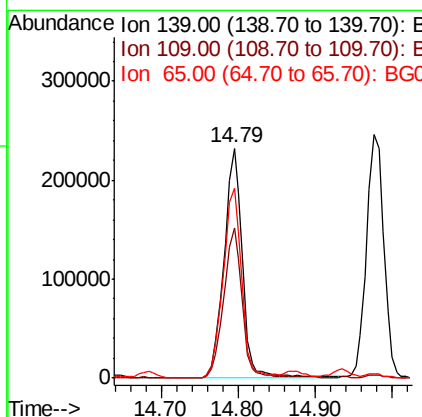
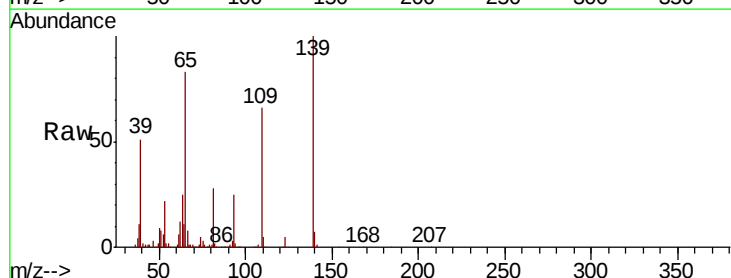
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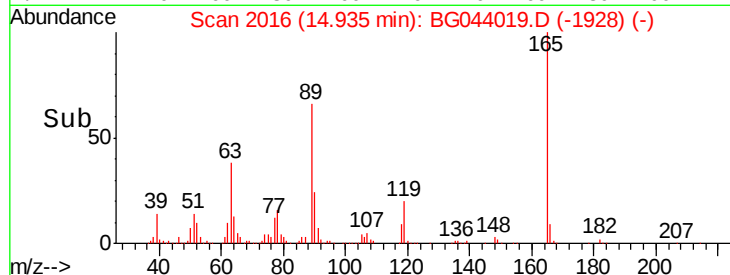
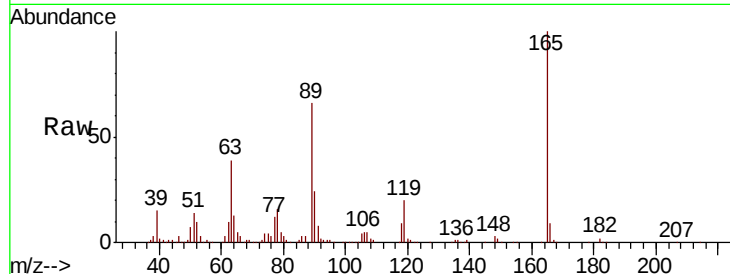
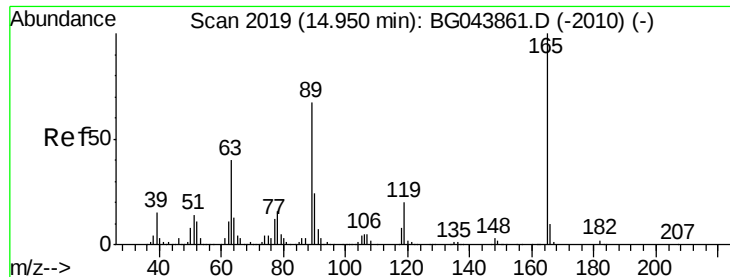
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#56
4-Nitrophenol
Concen: 87.799 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion:139 Resp: 387878
Ion Ratio Lower Upper
139 100
109 65.5 50.4 90.4
65 82.9 71.4 111.4





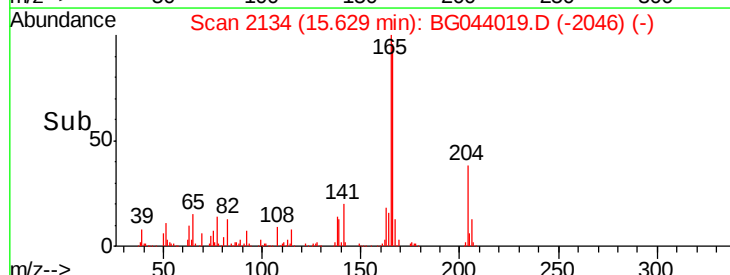
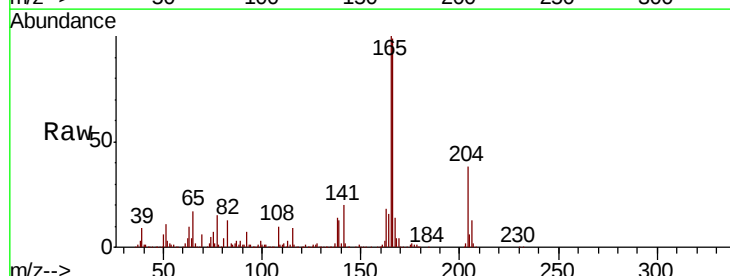
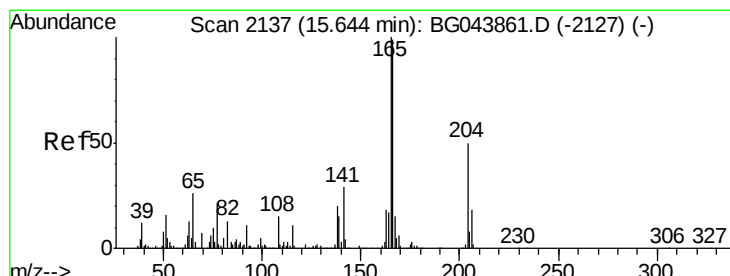
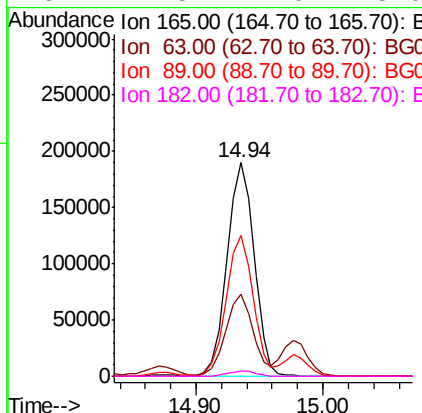
#57
2,4-Dinitrotoluene
Concen: 40.546 ng
RT: 14.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		280084		
63	38.6		31.9	47.9	
89	66.0		53.8	80.6	
182	2.5		2.0	3.0	

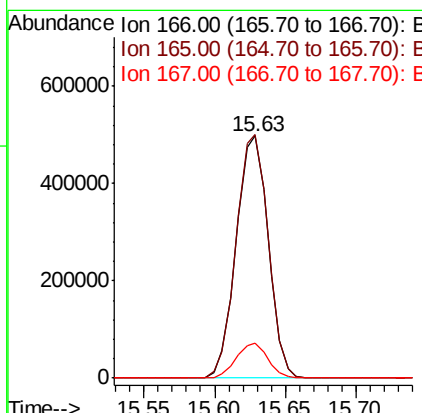
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#58
Fluorene
Concen: 39.152 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		789159		
165	100.6		80.8	121.2	
167	14.3		12.1	18.1	





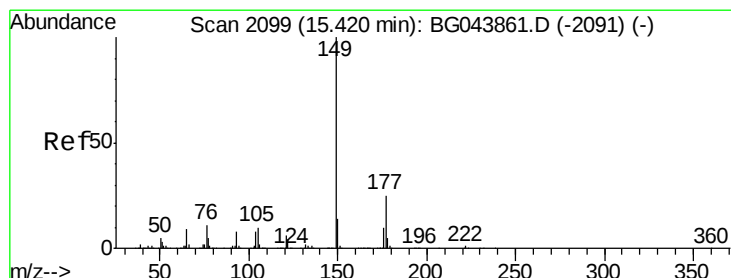
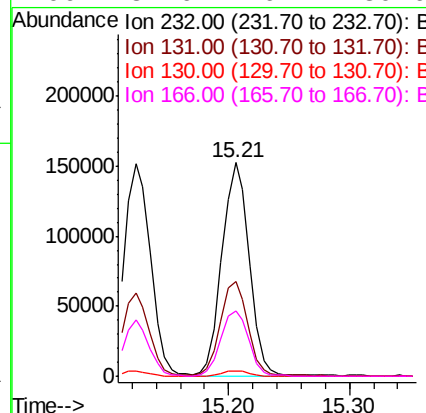
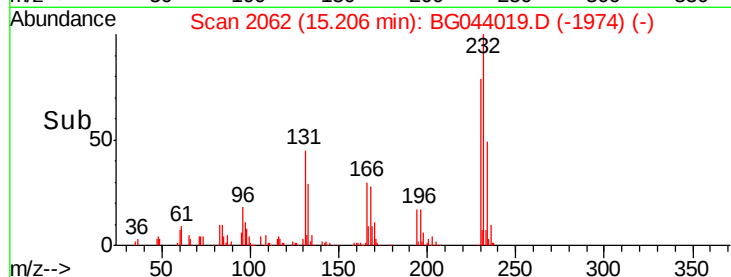
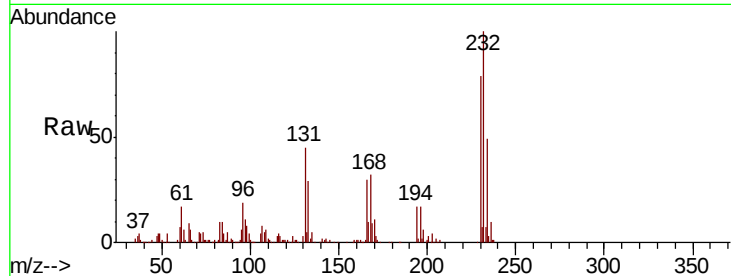
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.854 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126048BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	236810		
131	43.8		38.2	57.2
130	2.6		2.2	3.2
166	31.6		26.4	39.6

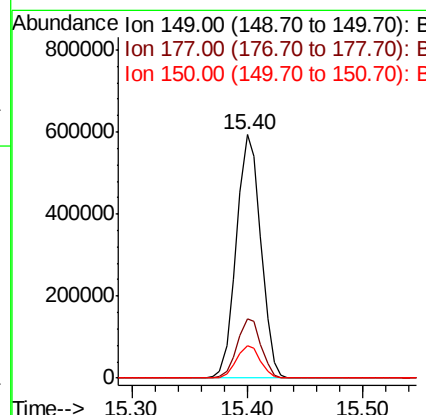
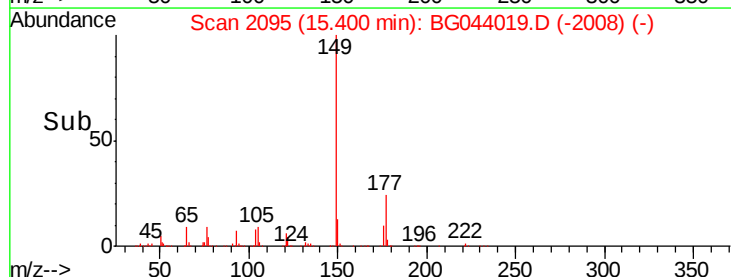
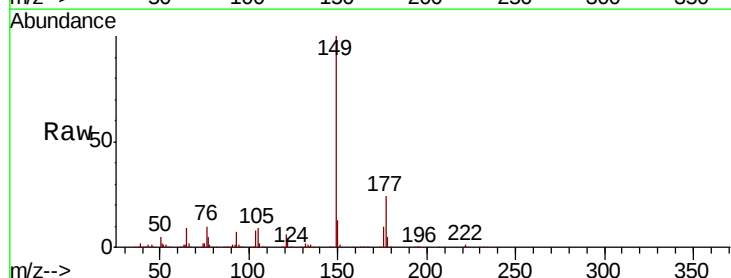
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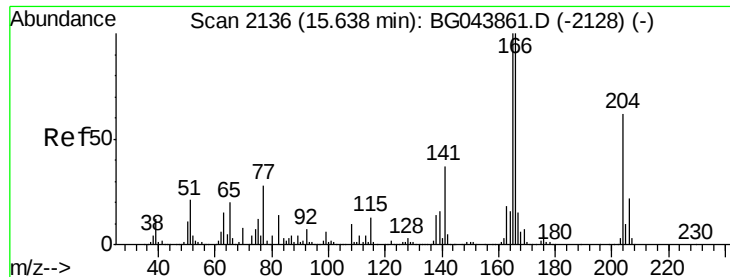
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#60
 Diethylphthalate
 Concen: 38.748 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	870495		
177	24.4		20.0	30.0
150	13.4		11.1	16.7





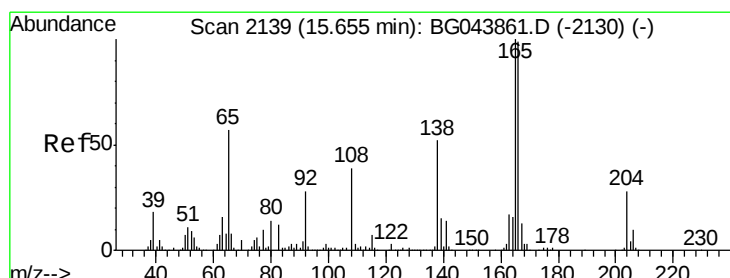
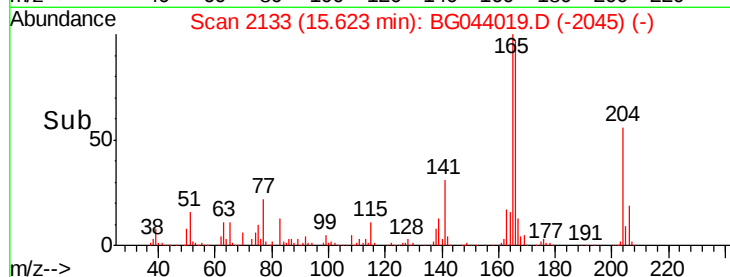
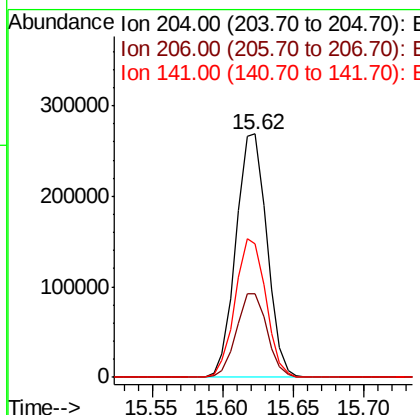
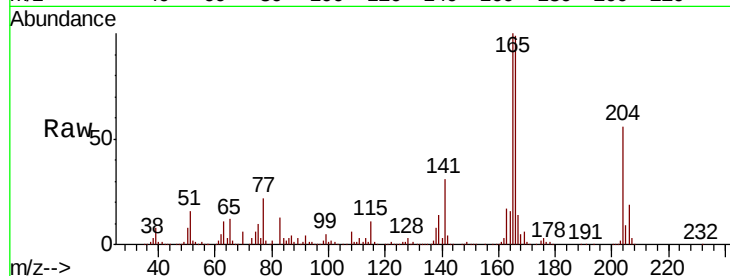
#61
4-Chlorophenyl-phenylether
Concen: 37.599 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	411515		
206	34.3	28.2	42.2	
141	54.9	48.2	72.2	

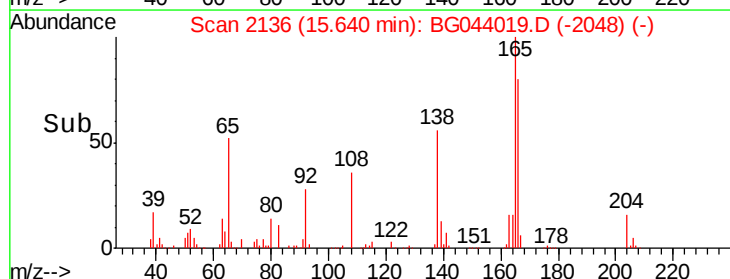
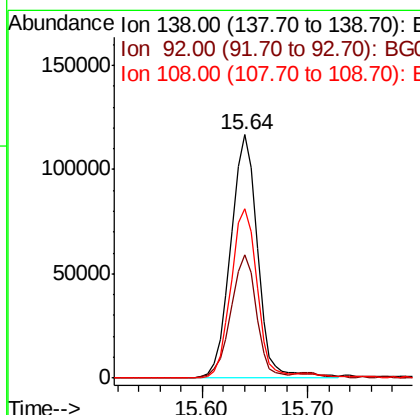
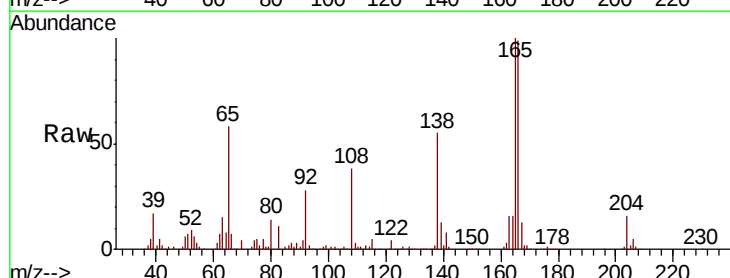
Manual Integrations
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#62
4-Nitroaniline
Concen: 36.049 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	205233		
92	50.8	34.3	74.3	
108	69.6	55.0	95.0	





#63

Azobenzene

Concen: 37.625 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

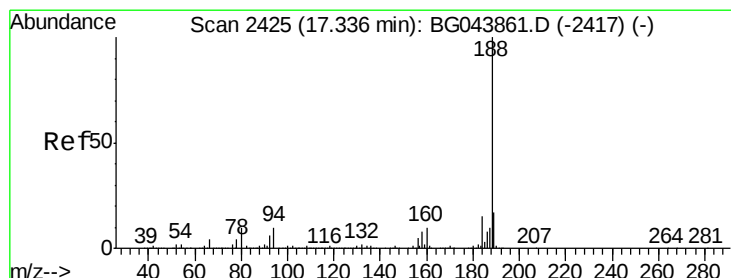
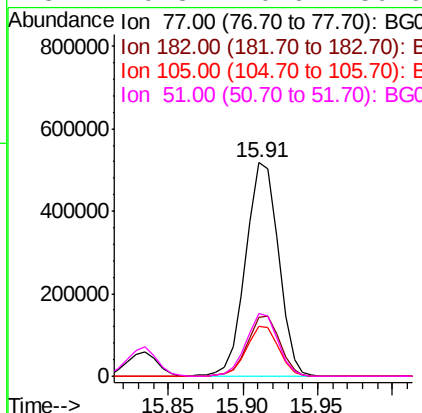
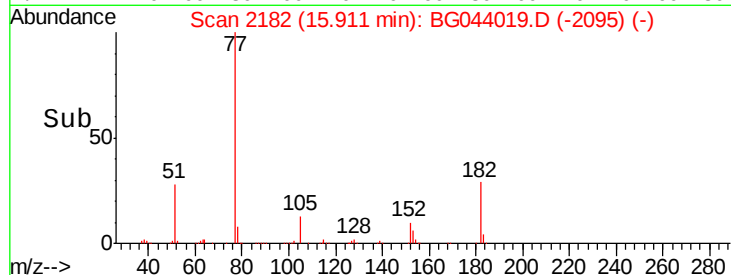
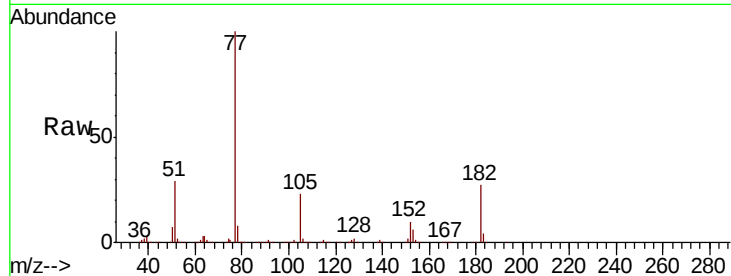
ClientSampleId :

PB126048BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	23.2	3.2	43.2
51	29.3	10.6	50.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

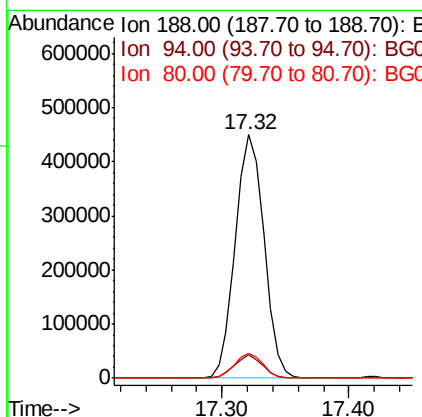
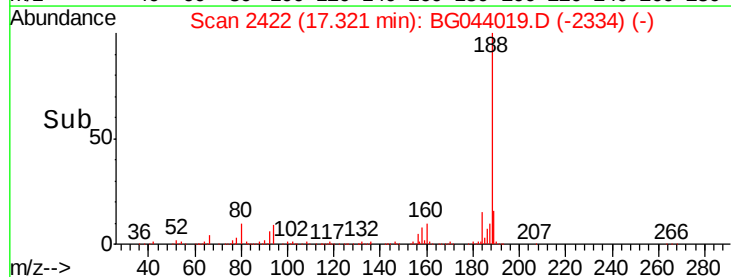
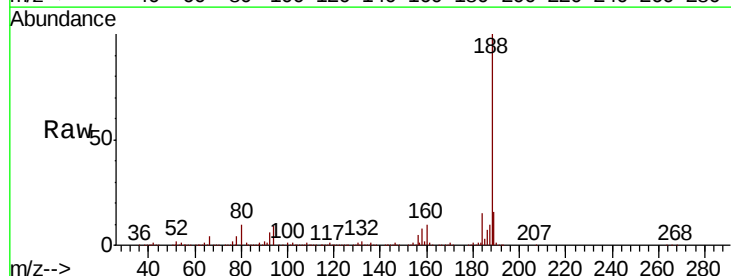
RT: 17.32 min Scan# 2422

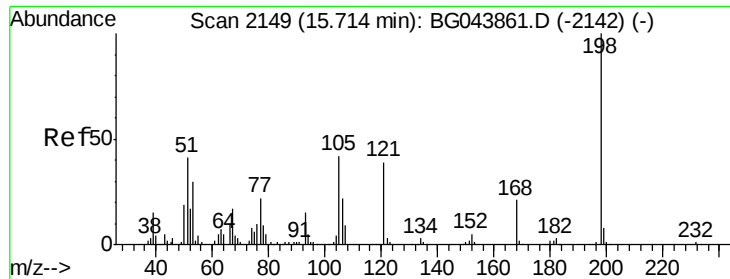
Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.4	8.2	12.4





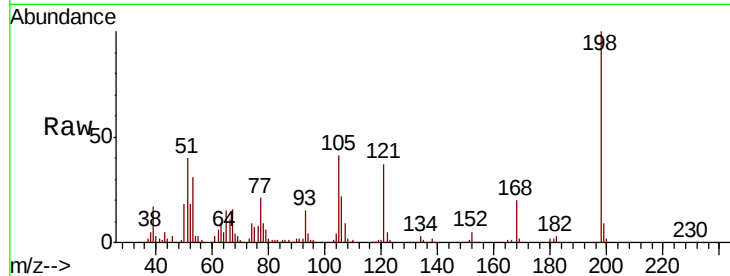
#65
4,6-Dinitro-2-methylphenol
Concen: 47.134 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	171219		
51	39.9		22.5	62.5
105	41.2		22.3	62.3

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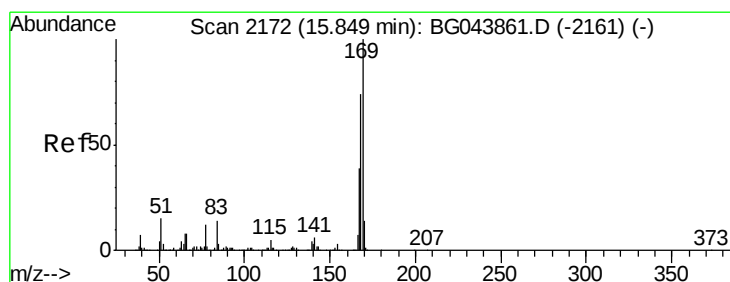
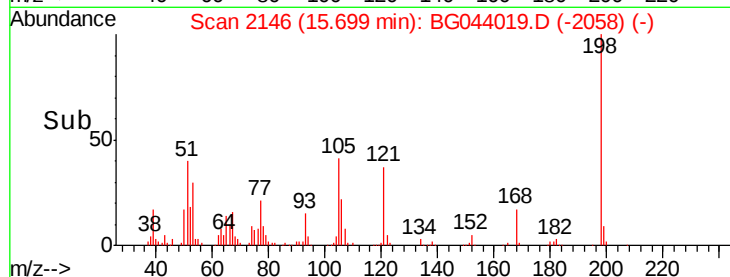
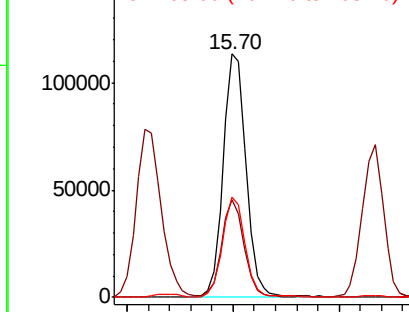


Abundance

Ion 198.00 (197.70 to 198.70): E

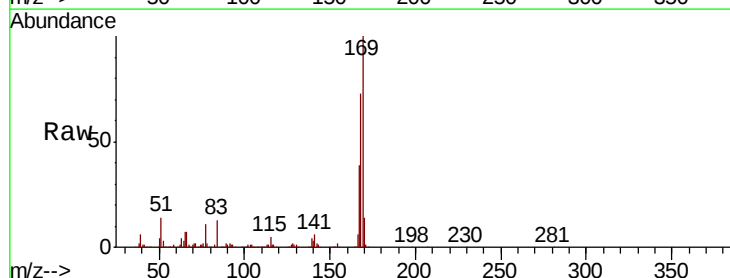
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 36.423 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	757637		
168	72.6		59.0	88.6
167	39.0		31.4	47.0

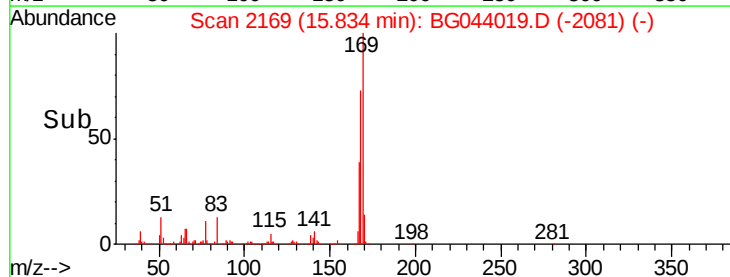
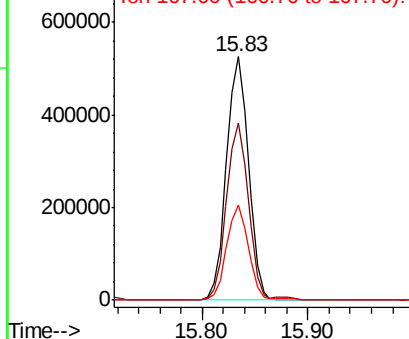


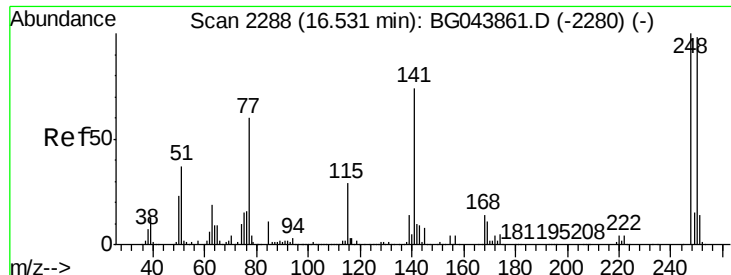
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





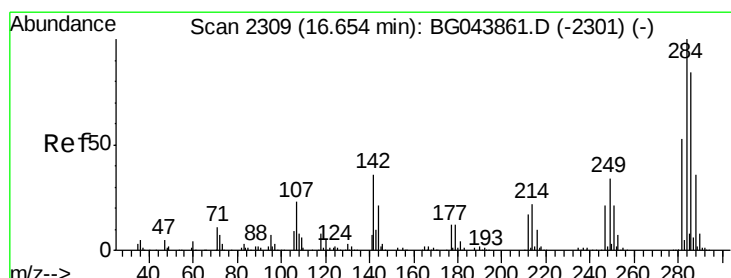
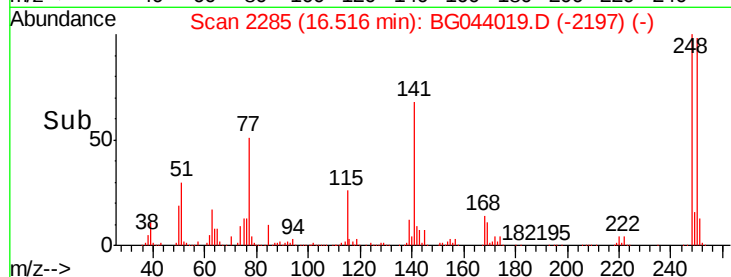
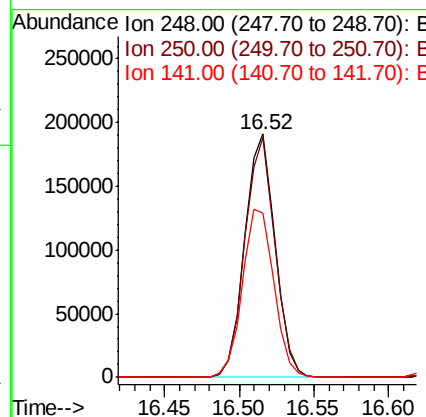
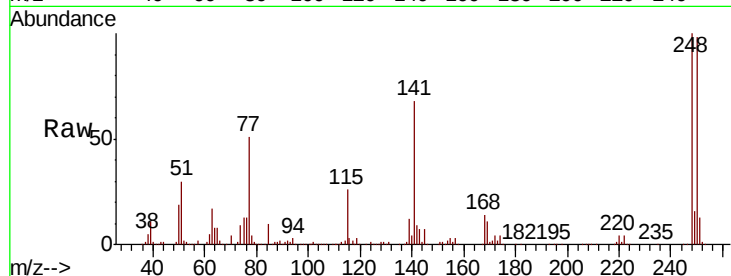
#67
4-Bromophenyl-phenylether
Concen: 33.865 ng
RT: 16.52 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleID :
PB126048BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.2
141	67.6	59.3	88.9

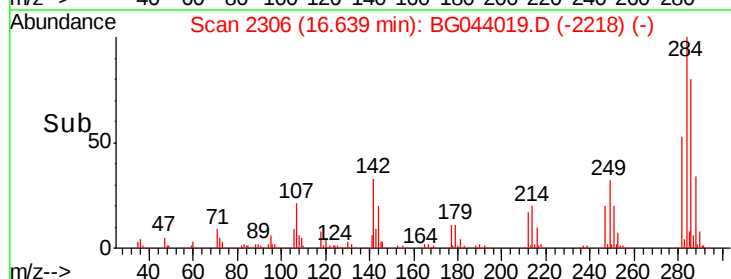
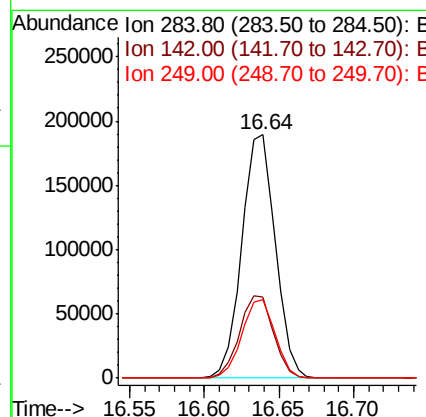
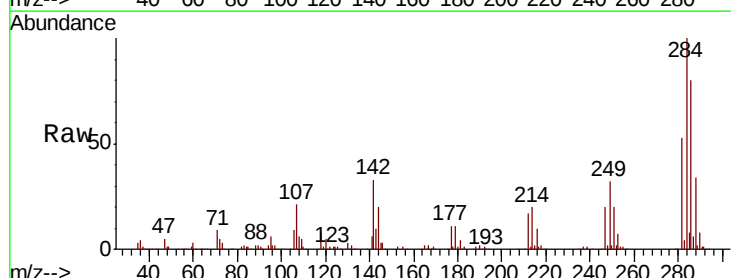
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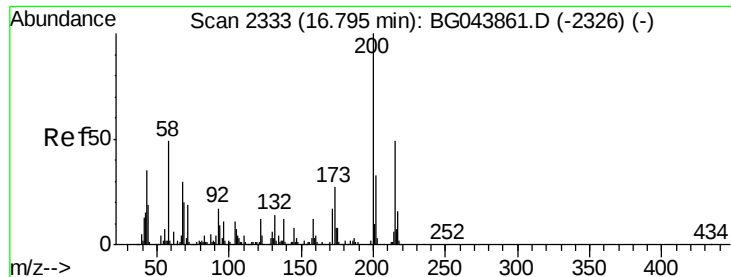
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#68
Hexachlorobenzene
Concen: 34.333 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	28.6	43.0
249	32.5	27.0	40.6





#69

Atrazine

Concen: 43.551 ng

RT: 16.79 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

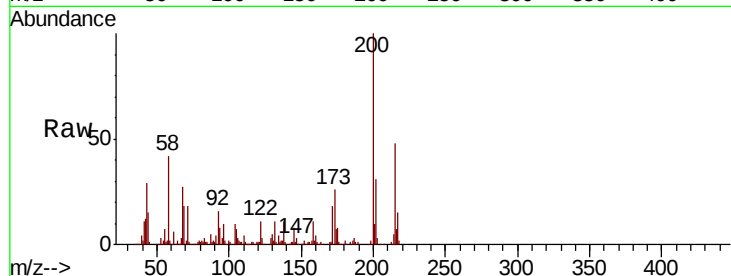
ClientSampleId :

PB126048BS

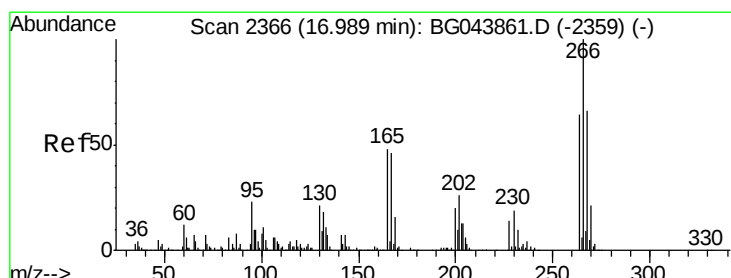
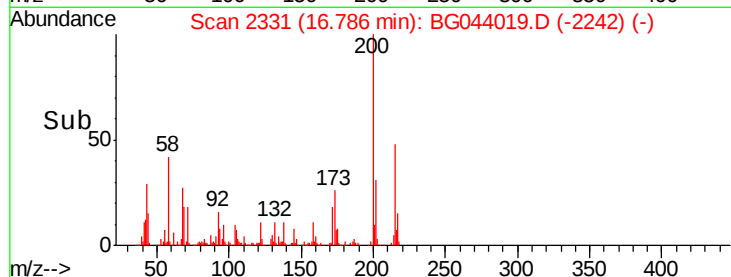
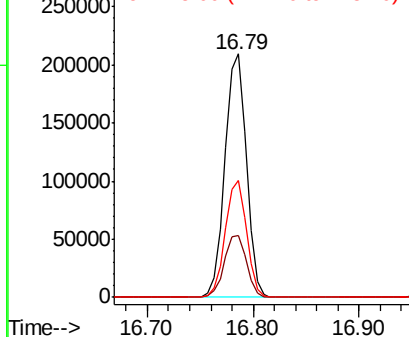
Tot Ion:	200	Resp:	294466
Ion Ratio	Lower	Upper	
200	100		
173	25.6	6.6	46.6
215	48.1	28.6	68.6

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.662 ng

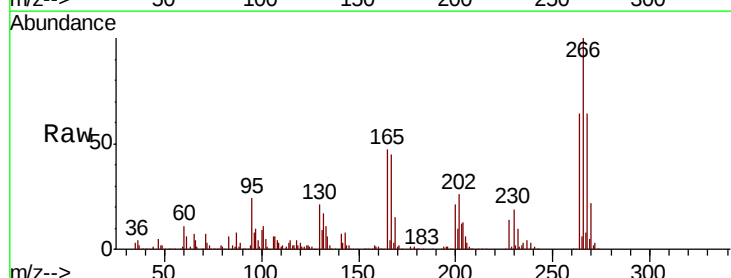
RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

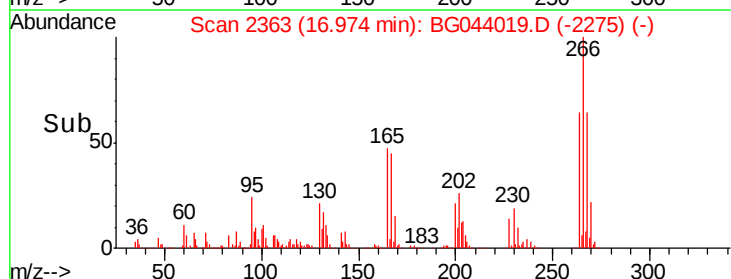
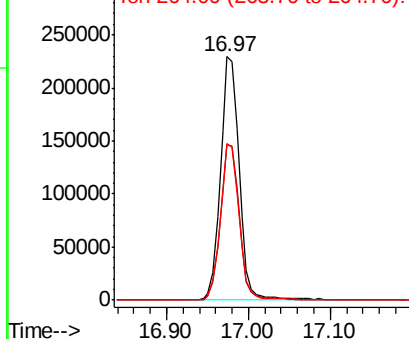
Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	266	Resp:	366473
Ion Ratio	Lower	Upper	
266	100		
268	64.0	52.6	79.0
264	64.1	50.8	76.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





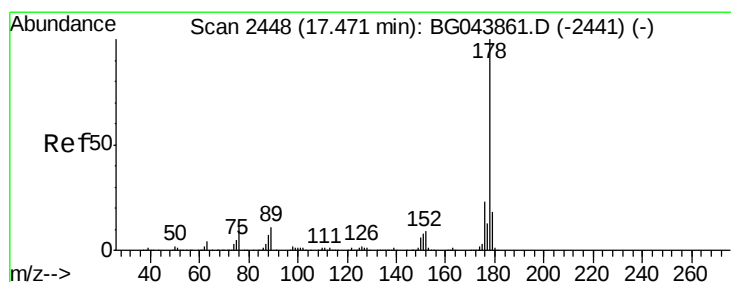
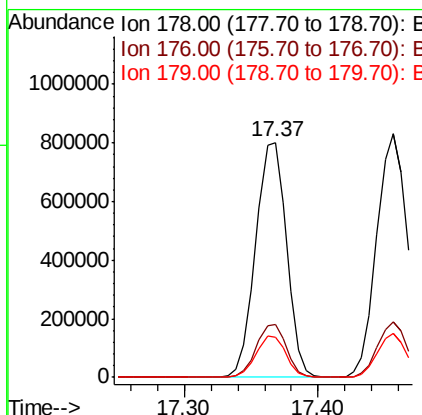
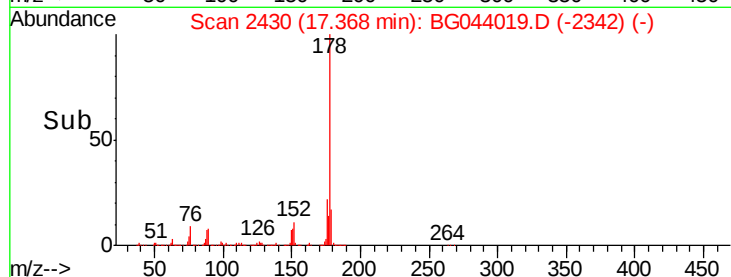
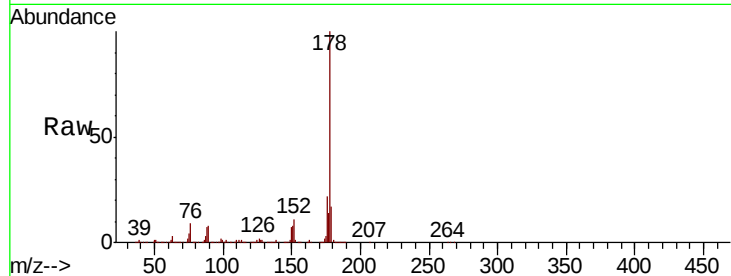
#71
Phenanthrene
Concen: 37.846 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion:178 Resp: 1282228
Ion Ratio Lower Upper
178 100
176 22.5 18.6 28.0
179 17.1 14.4 21.6

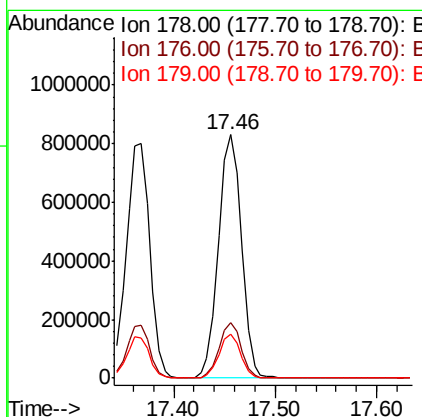
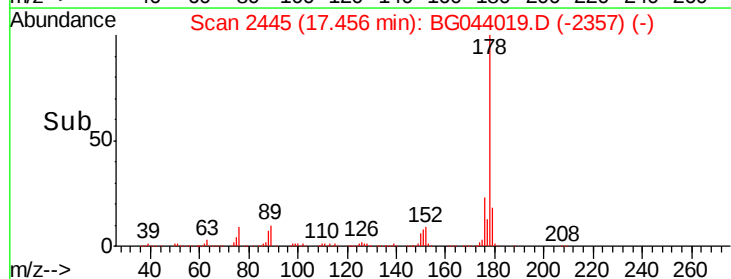
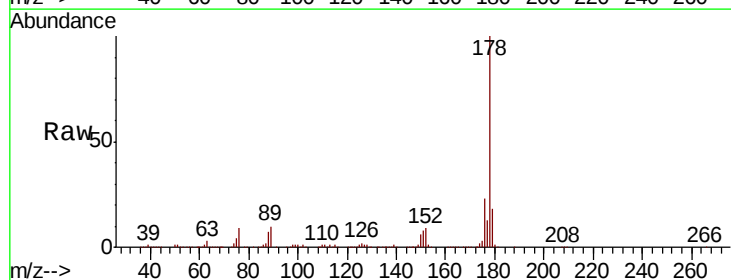
Manual Integrations
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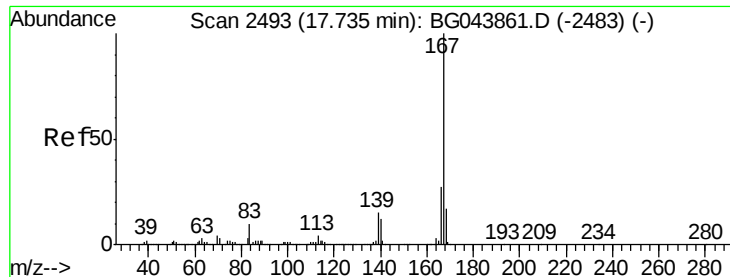
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#72
Anthracene
Concen: 39.227 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion:178 Resp: 1313439
Ion Ratio Lower Upper
178 100
176 22.5 18.3 27.5
179 17.8 14.6 22.0





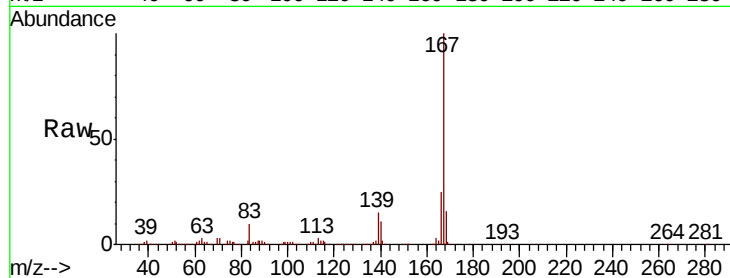
#73
 Carbazole
 Concen: 39.426 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126048BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.4	21.6	32.4
139	14.7	12.1	18.1

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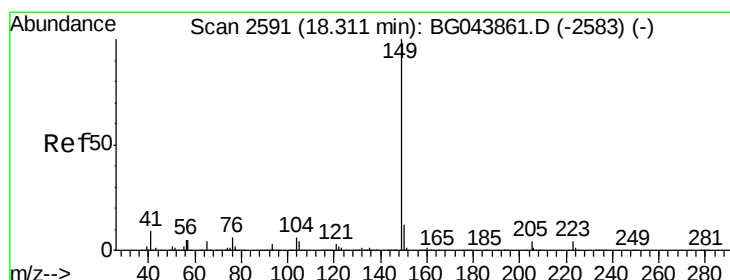
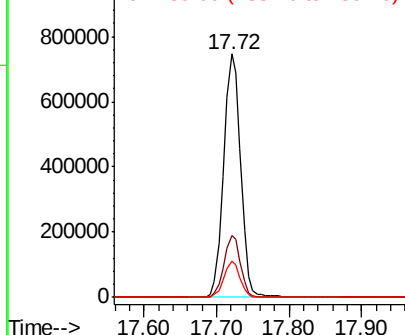
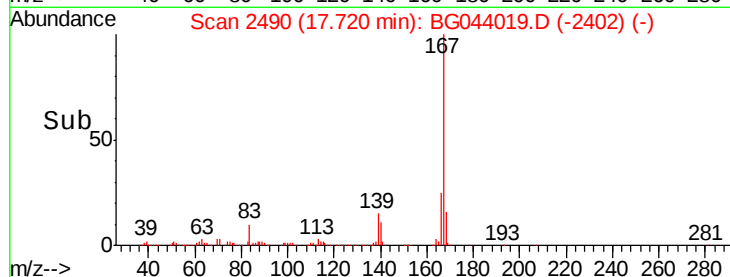


Abundance

Ion 167.00 (166.70 to 167.70): E

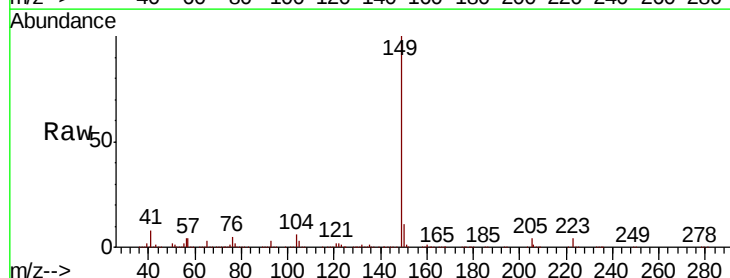
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.034 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.7	14.5
104	5.6	5.0	7.4

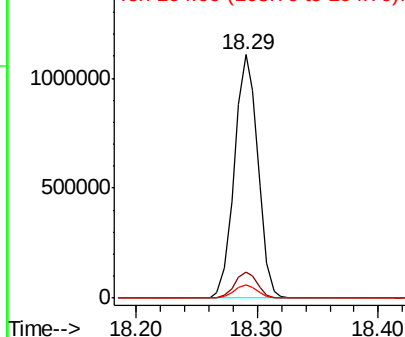
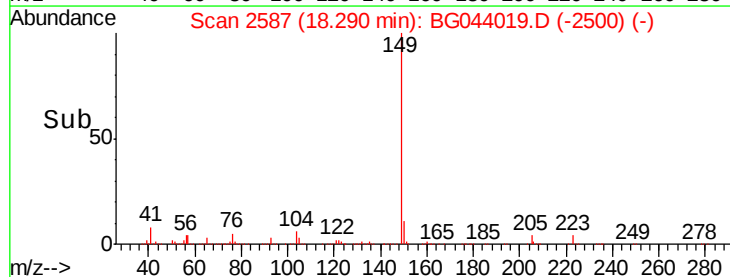


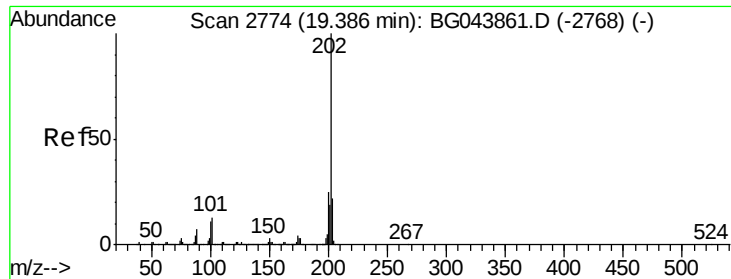
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.952 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

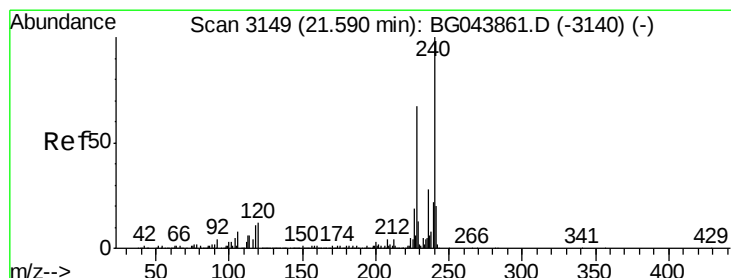
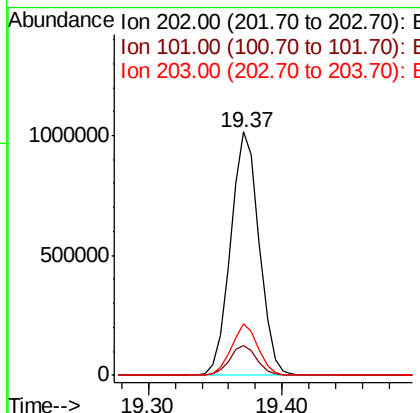
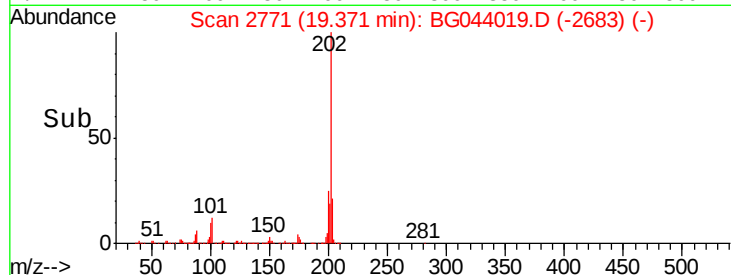
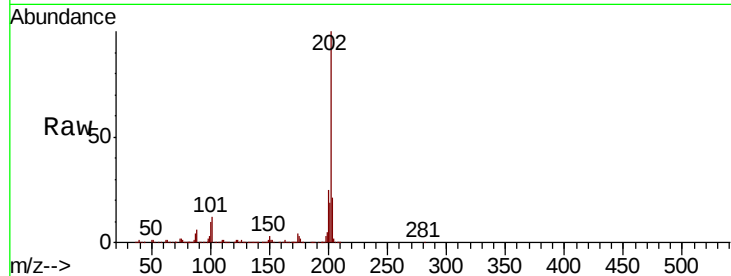
ClientSampleId :

PB126048BS

Tot Ion:	202	Resp:	1509252
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.3
203	21.0	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

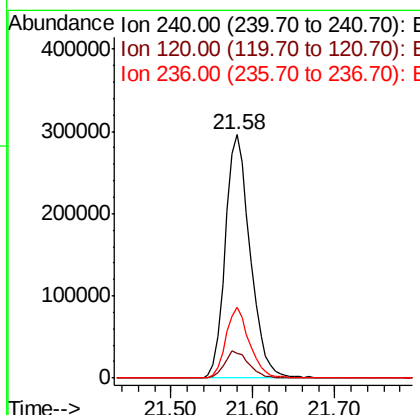
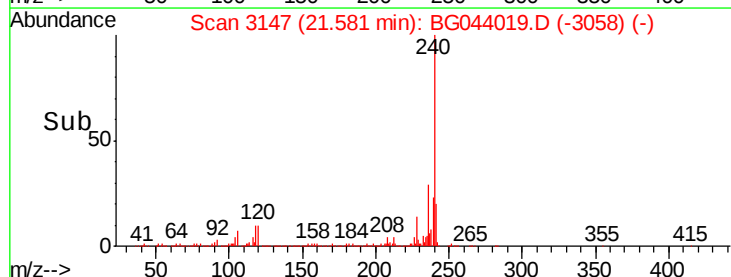
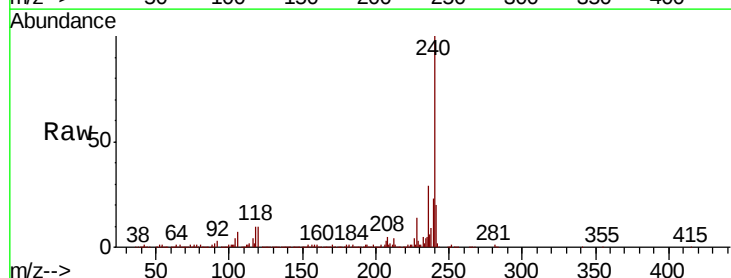
RT: 21.58 min Scan# 3147

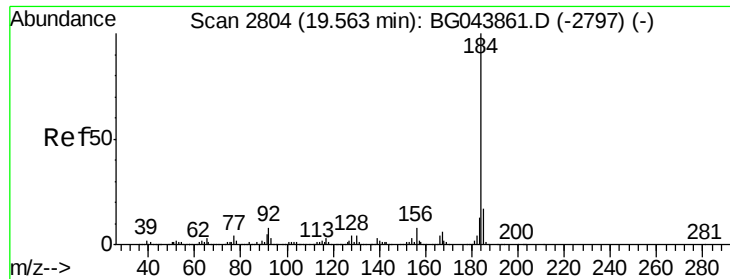
Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	240	Resp:	625803
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.6	14.4
236	29.0	22.2	33.2





#77

Benzidine

Concen: 29.133 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

PB126048BS

Tot Ion:184 Resp: 458258

Ion Ratio Lower Upper

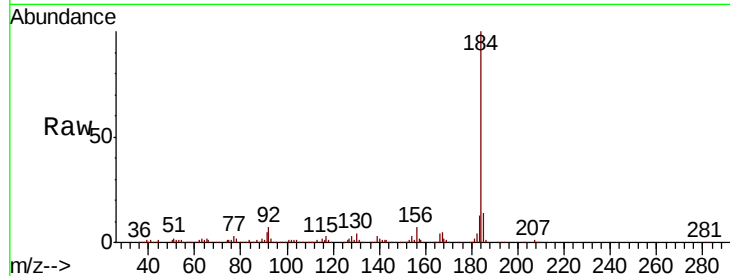
184 100

185 14.4 13.4 20.0

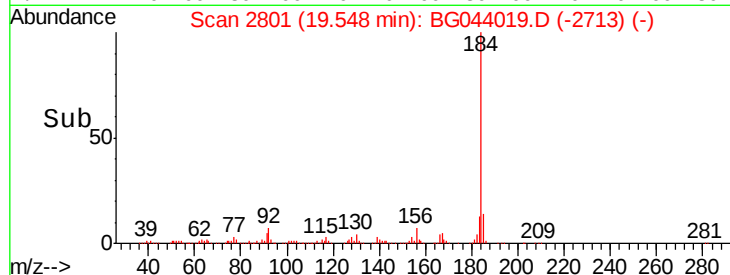
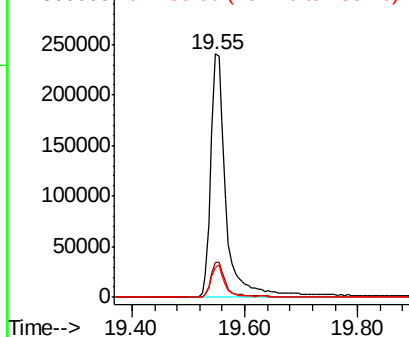
183 12.5 10.6 15.8

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



#78

Pyrene

Concen: 36.925 ng

RT: 19.74 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

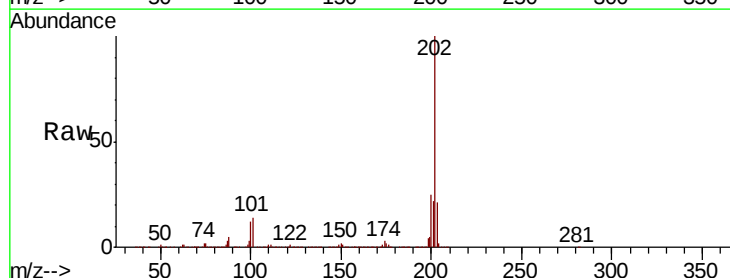
Tgt Ion:202 Resp: 1508334

Ion Ratio Lower Upper

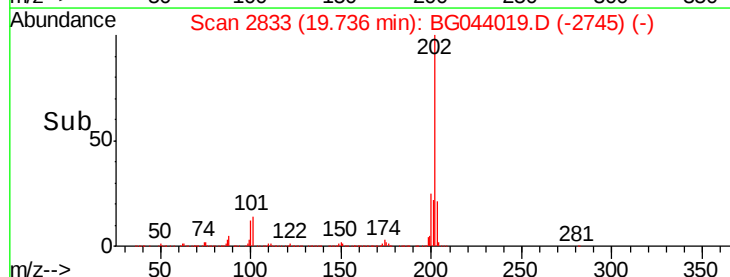
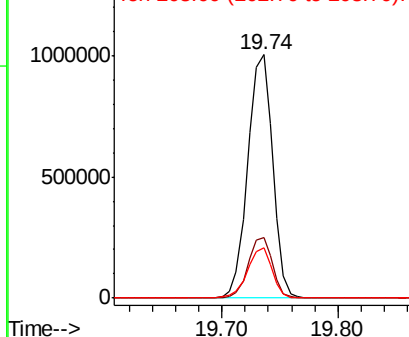
202 100

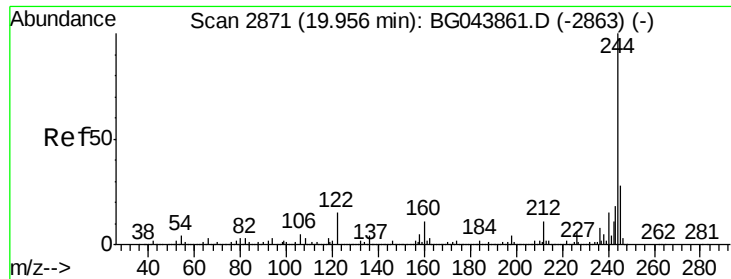
200 25.0 21.7 32.5

203 20.9 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





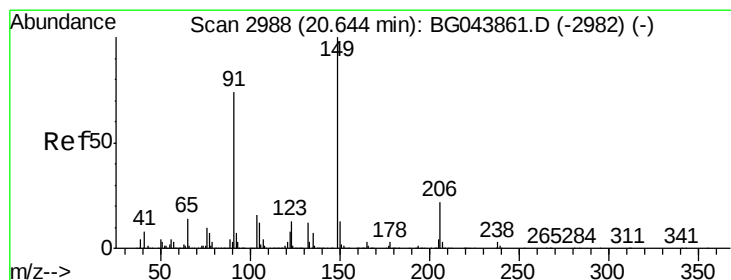
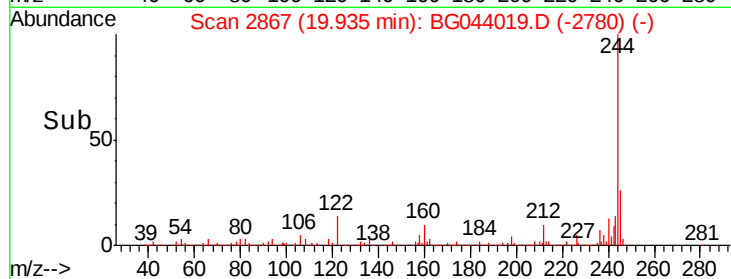
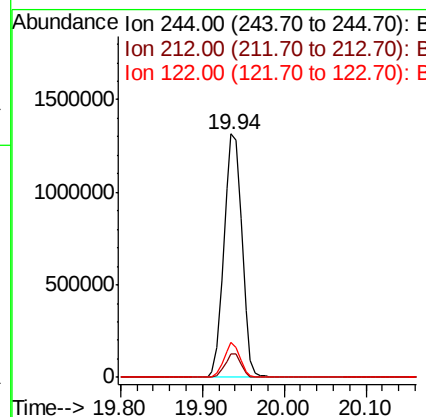
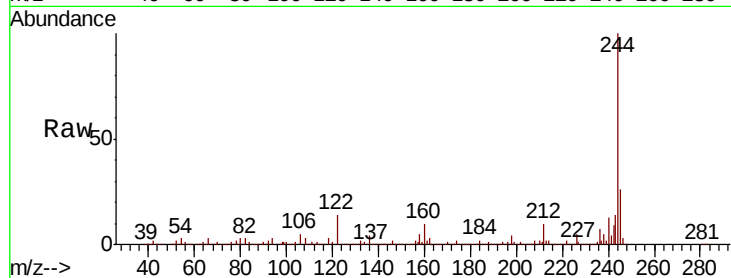
#79
 Terphenyl-d14
 Concen: 75.220 ng
 RT: 19.94 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126048BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.6	13.0
122	14.3	11.9	17.9

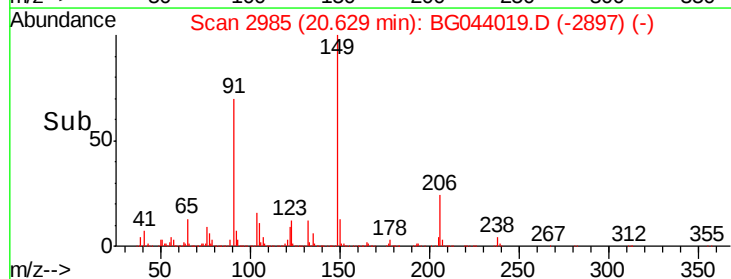
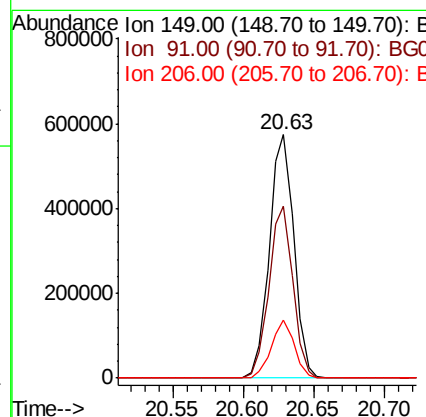
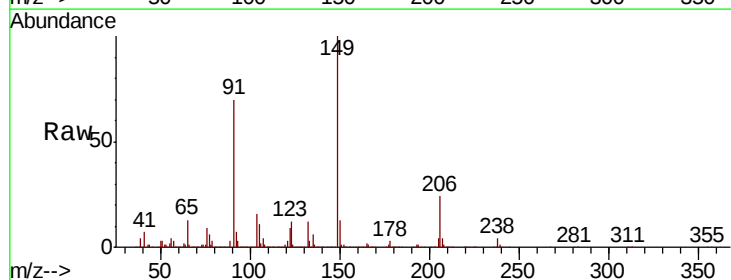
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#80
 Butylbenzylphthalate
 Concen: 36.039 ng
 RT: 20.63 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	59.5	89.3
206	23.9	17.8	26.6





#81

Benzo(a)anthracene

Concen: 37.071 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

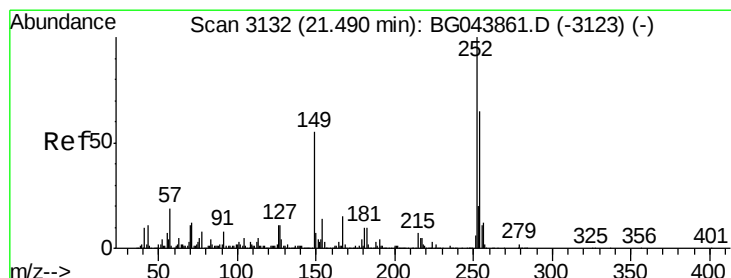
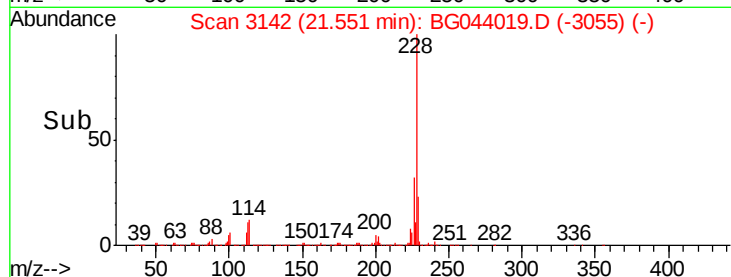
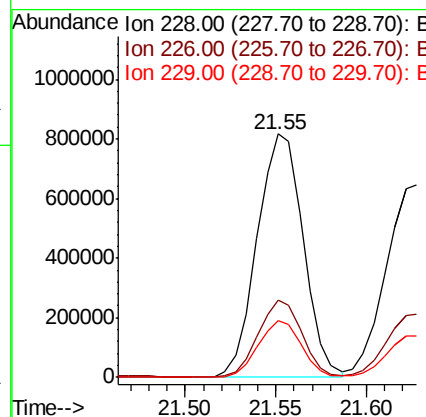
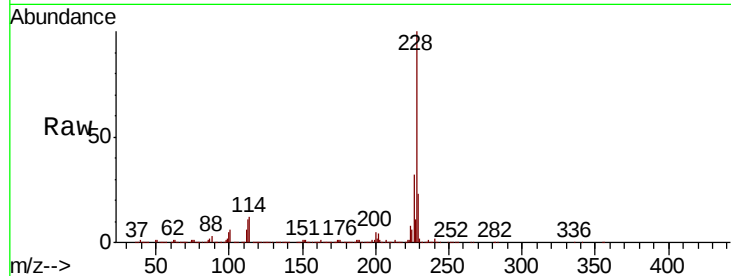
ClientSampleId :

PB126048BS

Tot Ion:	228	Resp:	1438495
Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.2	39.4
229	23.2	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 30.878 ng

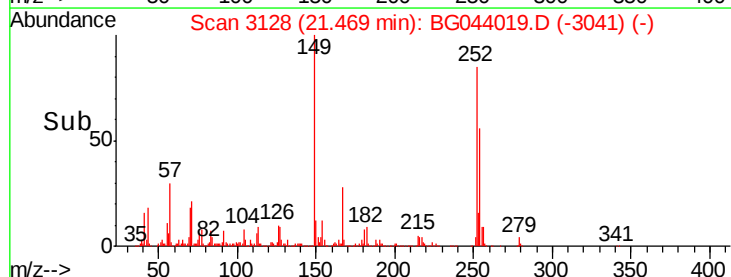
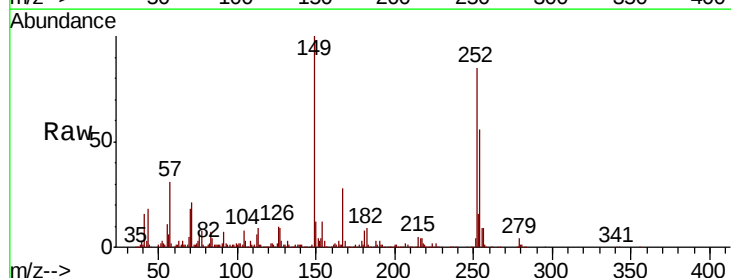
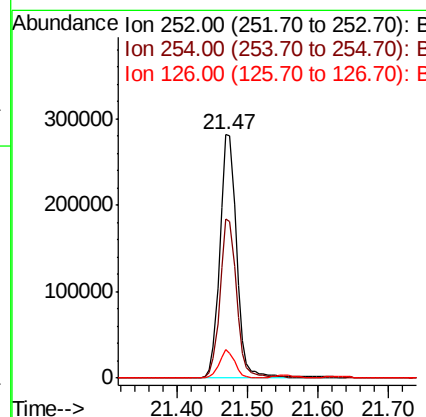
RT: 21.47 min Scan# 3128

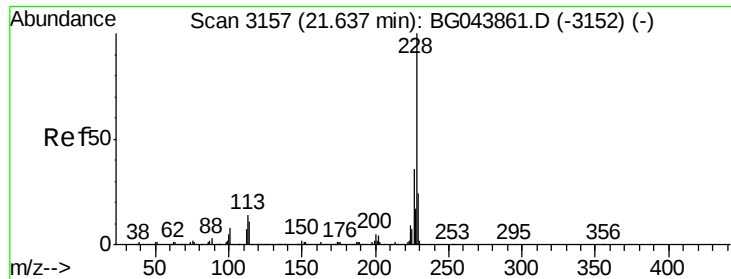
Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	252	Resp:	473374
Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	11.5	9.1	13.7





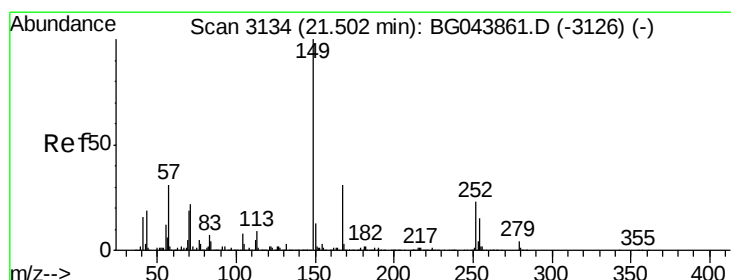
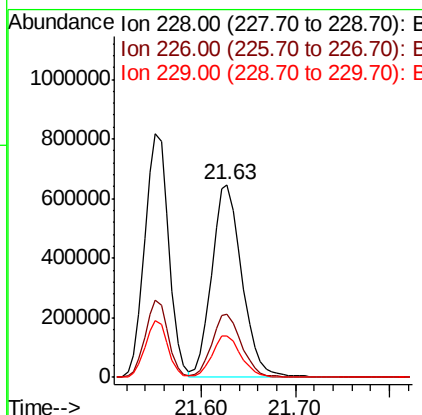
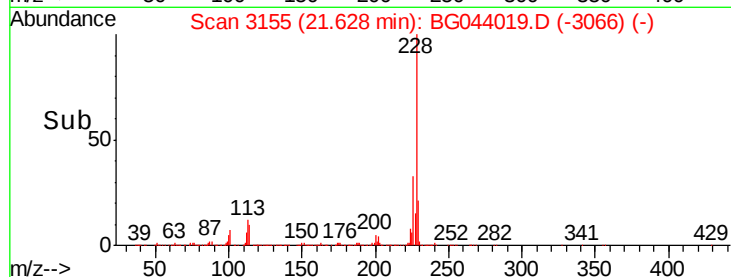
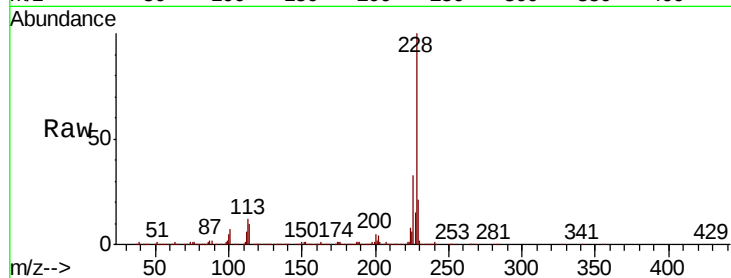
#83
Chrysene
Concen: 39.042 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion:228 Resp: 1439556
Ion Ratio Lower Upper
228 100
226 33.0 28.8 43.2
229 21.3 19.0 28.6

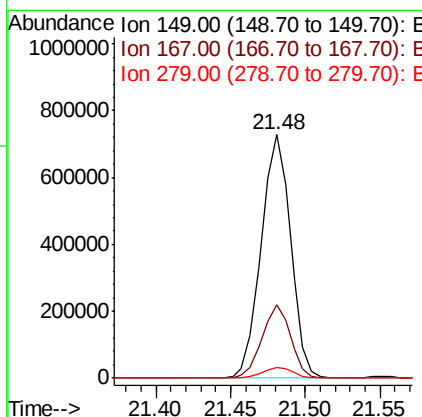
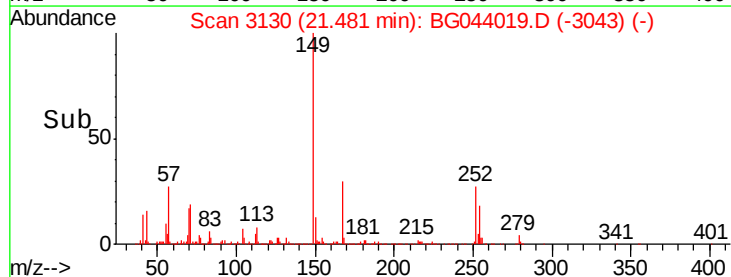
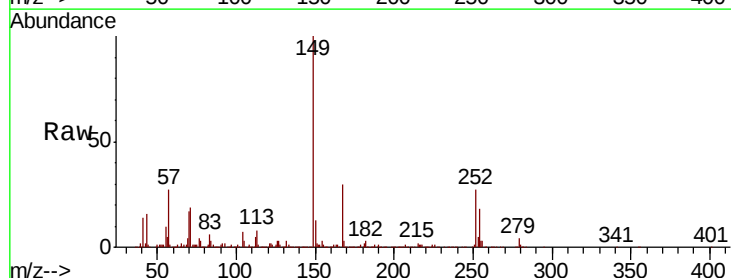
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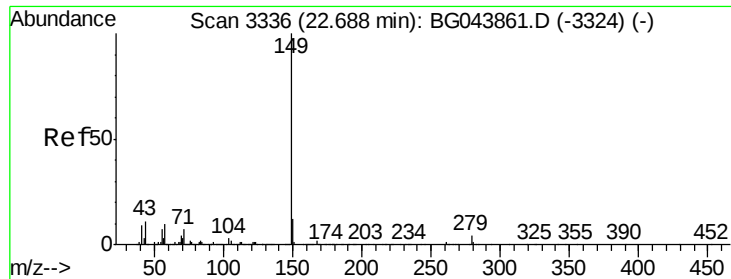
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.911 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion:149 Resp: 990469
Ion Ratio Lower Upper
149 100
167 30.1 24.7 37.1
279 4.4 3.3 4.9





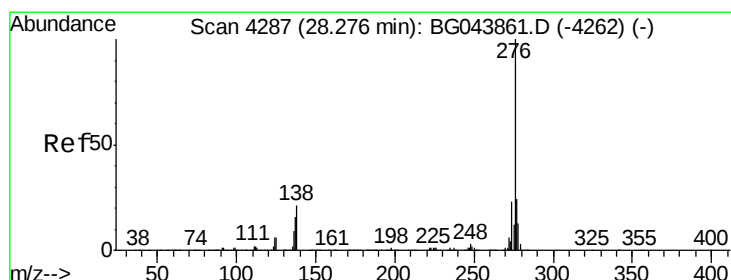
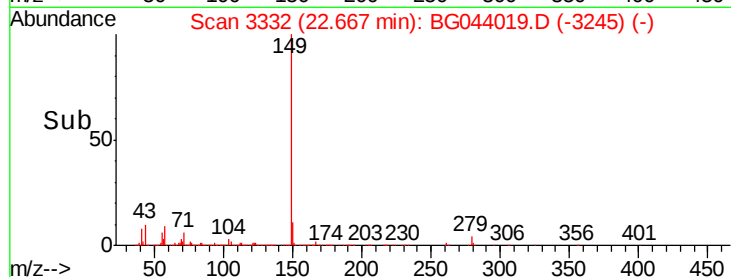
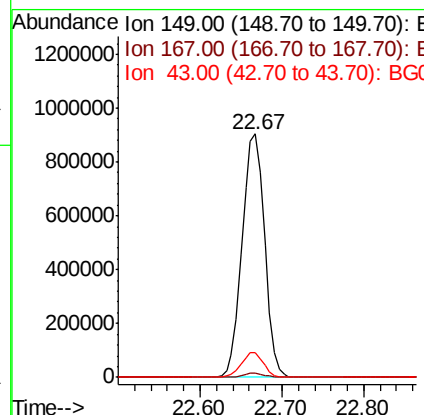
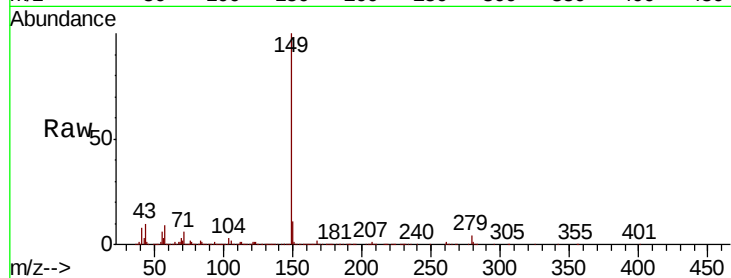
#85
Di-n-octyl phthalate
Concen: 38.397 ng
RT: 22.67 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

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

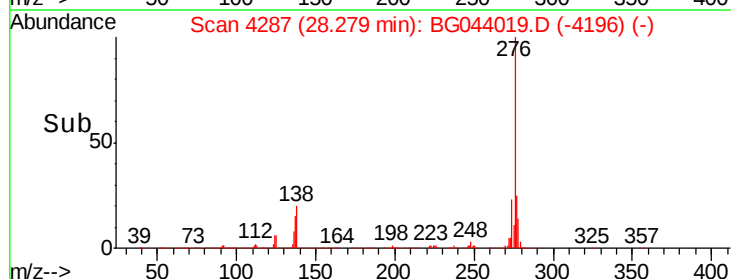
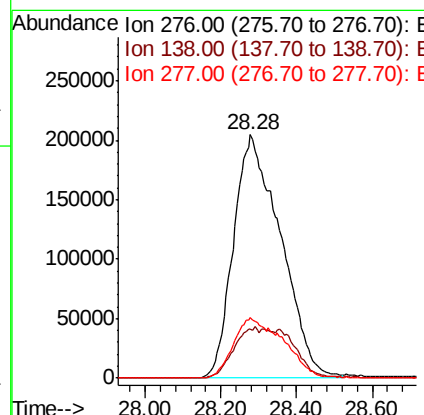
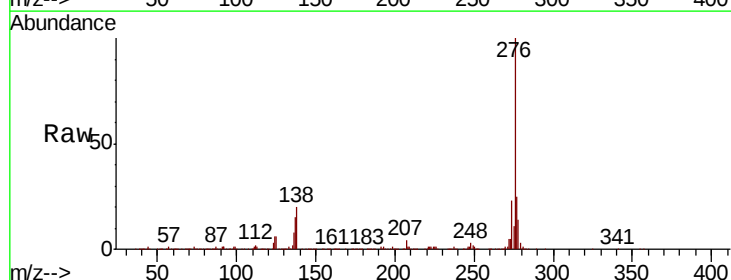
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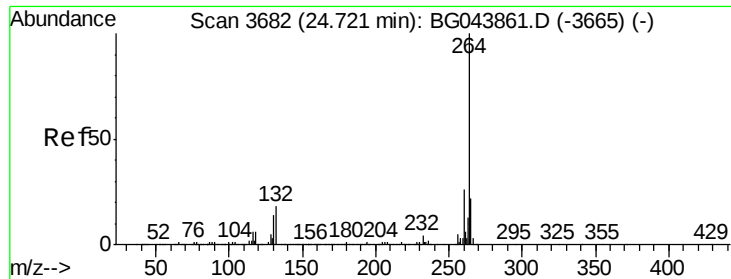
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.215 ng
RT: 28.28 min Scan# 4287
Delta R.T. 0.00 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.8	21.0	31.4#
277	26.2	21.1	31.7





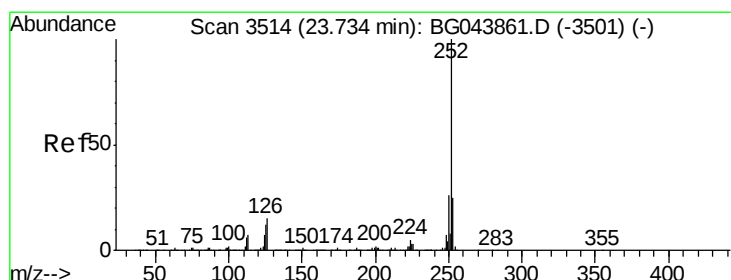
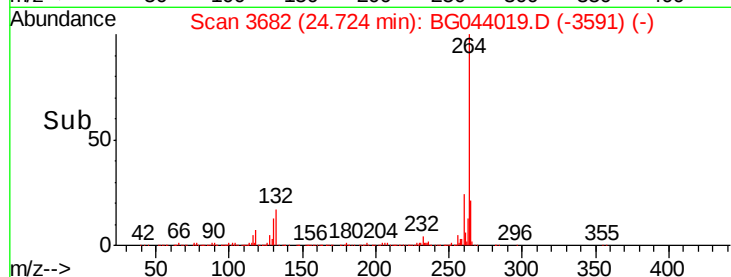
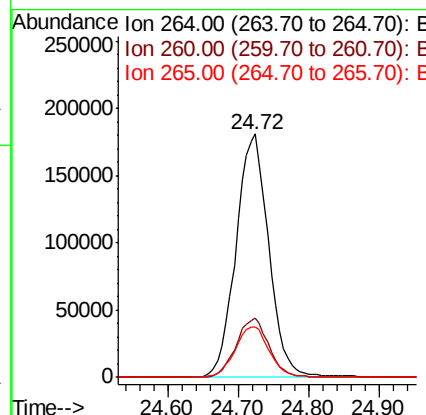
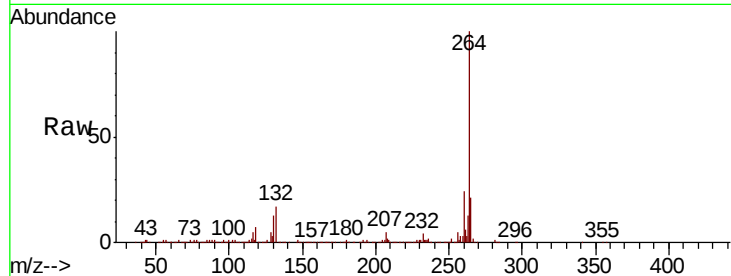
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.72 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126048BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	20.8	17.4	26.2

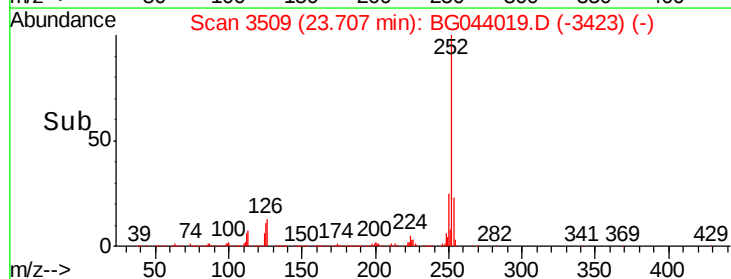
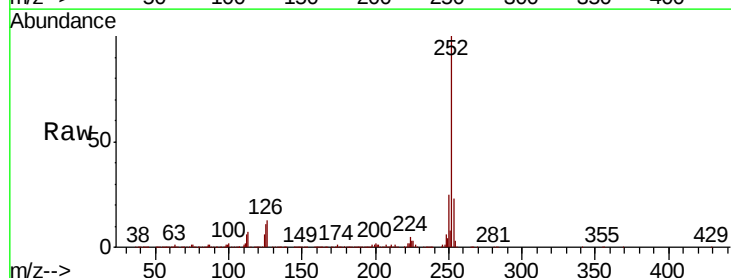
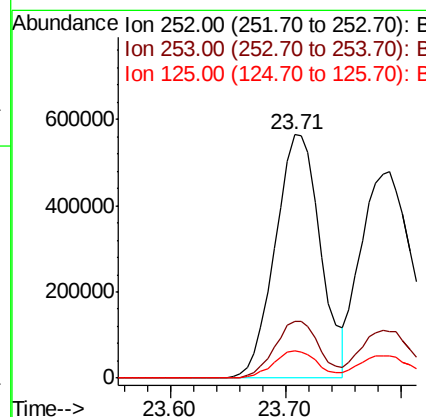
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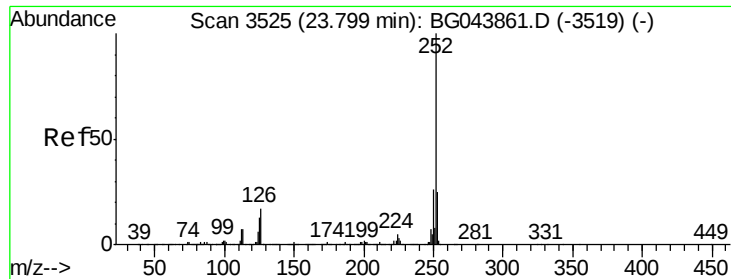
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#88
 Benzo(b)fluoranthene
 Concen: 44.636 ng
 RT: 23.71 min Scan# 3509
 Delta R.T. -0.03 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	11.2	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 45.434 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

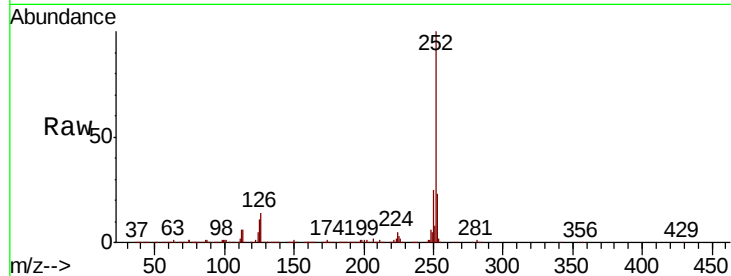
ClientSampleId :

PB126048BS

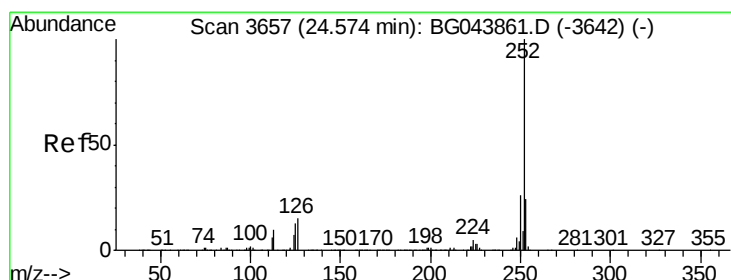
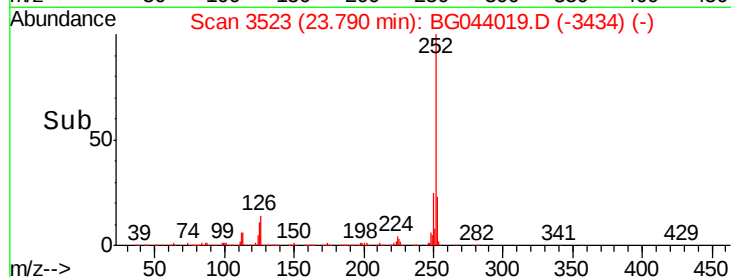
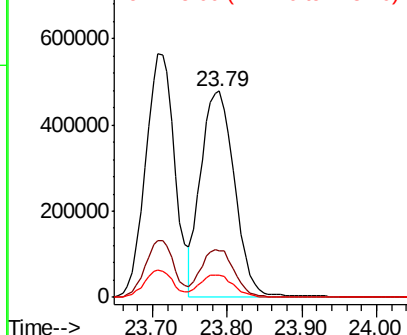
Tot Ion:	252	Resp:	1489705
Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	10.9	9.9	14.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.065 ng

RT: 24.57 min Scan# 3655

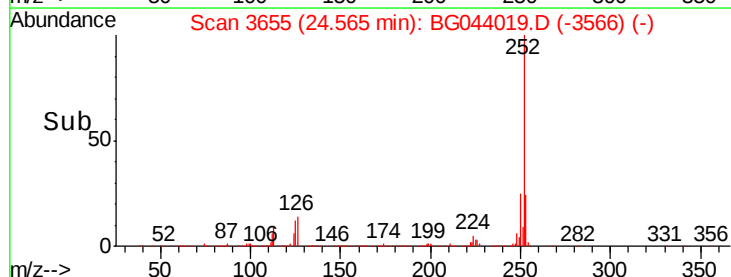
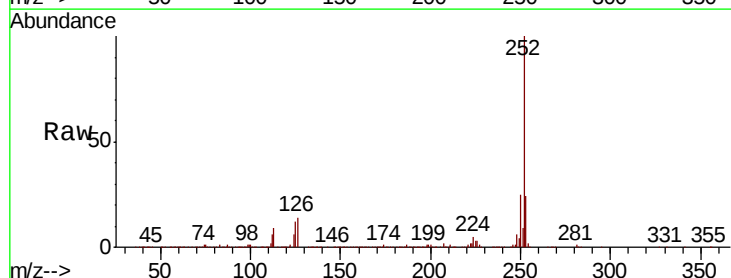
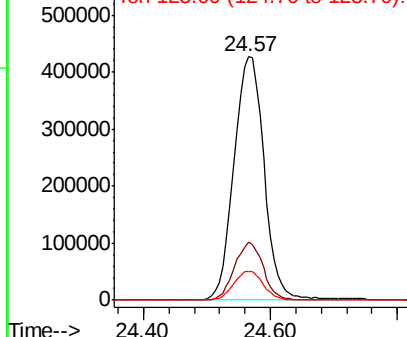
Delta R.T. -0.01 min

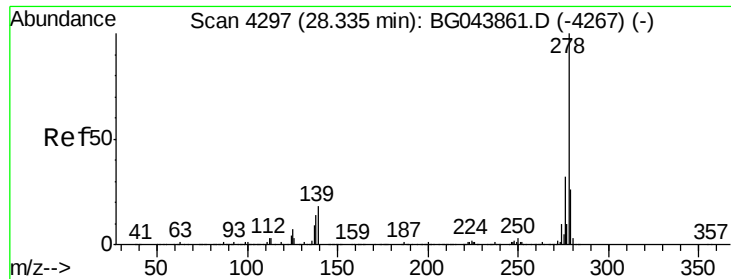
Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:	252	Resp:	1401449
Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	11.9	10.4	15.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





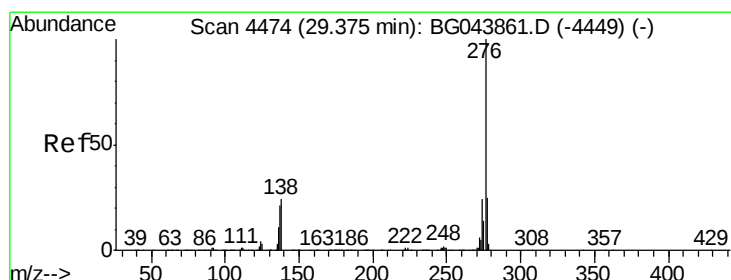
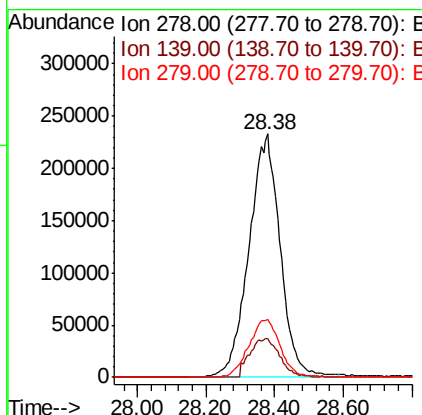
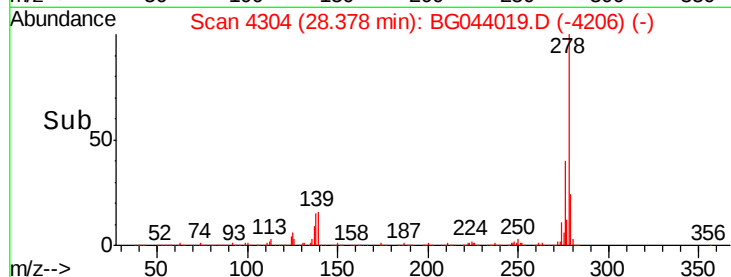
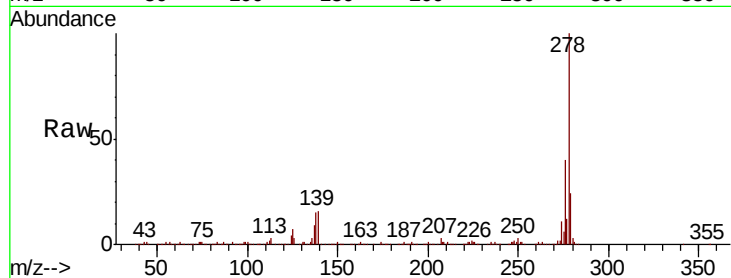
#91
Dibenzo(a,h)anthracene
Concen: 45.177 ng
RT: 28.38 min Scan# 4304
Delta R.T. 0.04 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :
PB126048BS

Tot Ion:278 Resp: 1476501
Ion Ratio Lower Upper
278 100
139 15.9 14.2 21.4
279 24.1 20.6 30.8

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#92
Benzo(g,h,i)perylene
Concen: 46.006 ng
RT: 29.48 min Scan# 4491
Delta R.T. 0.10 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion:276 Resp: 1493537
Ion Ratio Lower Upper
276 100
277 24.4 20.2 30.4
138 22.5 19.0 28.6

