

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
 Data File : BG043284.D
 Acq On : 18 Oct 2019 20:40
 Operator : JU
 Sample : PB124106BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Manual Integrations
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mohammad
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Quant Time: Oct 19 01:39:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 19 00:52:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47968	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	178506	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	128573	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	299008	20.00	ng	0.00
76) Chrysene-d12	21.68	240	320787	20.00	ng	0.00
87) Perylene-d12	24.90	264	374070	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	170757	63.53	ng	-0.02
7) Phenol-d6	7.22	99	162586	42.00	ng	-0.01
23) Nitrobenzene-d5	9.20	82	315718	85.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	226973	102.66	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	844131	95.18	ng	-0.02
79) Terphenyl-d14	20.02	244	1548683	102.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	24126	21.529	ng	86
3) Pyridine	3.92	79	35614m	11.299	ng	
4) n-Nitrosodimethylamine	3.82	42	36785	24.269	ng	# 79
6) Aniline	7.36	93	76336	16.338	ng	95
8) 2-Chlorophenol	7.61	128	133716	47.703	ng	94
9) Benzaldehyde	7.17	77	72725	30.747	ng	91
10) Phenol	7.24	94	79737	22.453	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	113138	41.176	ng	91
12) 1,3-Dichlorobenzene	7.93	146	130622	36.529	ng	97
13) 1,4-Dichlorobenzene	8.07	146	130143	36.509	ng	95
14) 1,2-Dichlorobenzene	8.39	146	129407	38.131	ng	96
15) Benzyl Alcohol	8.28	79	101646	34.929	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	154729	29.323	ng	92
17) 2-Methylphenol	8.49	107	104731	42.148	ng	94
18) Hexachloroethane	9.12	117	45480	33.877	ng	91
19) n-Nitroso-di-n-propylamine	8.84	70	104890	41.269	ng	88
20) 3+4-Methylphenols	8.82	107	134929	39.624	ng	97
22) Acetophenone	8.86	105	206941	44.974	ng	# 95
24) Nitrobenzene	9.24	77	158171	45.152	ng	97
25) Isophorone	9.76	82	300168	46.530	ng	99
26) 2-Nitrophenol	9.96	139	79586	53.368	ng	99
27) 2,4-Dimethylphenol	10.02	122	129498	56.546	ng	99
28) bis(2-Chloroethoxy)methane	10.24	93	162501	44.398	ng	96
29) 2,4-Dichlorophenol	10.50	162	152165	53.424	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	146820	39.917	ng	96
31) Naphthalene	10.89	128	399116	45.420	ng	99
32) Benzoic acid	10.15	122	33000	21.777	ng	96
33) 4-Chloroaniline	11.01	127	28583	7.496	ng	92
34) Hexachlorobutadiene	11.18	225	97310	35.334	ng	99
35) Caprolactam	11.84	113	11850m	11.798	ng	
36) 4-Chloro-3-methylphenol	12.13	107	161364	52.106	ng	98
37) 2-Methylnaphthalene	12.49	142	311661	46.492	ng	95
38) 1-Methylnaphthalene	12.71	142	302510	47.691	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	201408	41.663	ng	99

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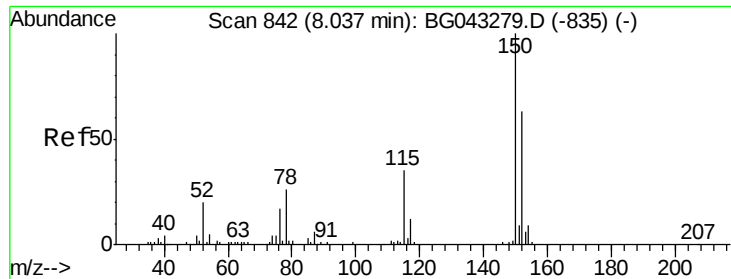
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
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 QLast Update : Sat Oct 19 00:52:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	241962	78.555	nq	93
43) 2,4,6-Trichlorophenol	13.10	196	139944	49.459	nq	93
44) 2,4,5-Trichlorophenol	13.18	196	147194	50.498	nq	97
46) 1,1'-Biphenyl	13.50	154	431687	44.274	nq	98
47) 2-Chloronaphthalene	13.54	162	333614	45.637	nq	97
48) 2-Nitroaniline	13.75	65	101533	41.766	nq	# 80
49) Acenaphthylene	14.39	152	557039	49.799	nq	99
50) Dimethylphthalate	14.12	163	464574	48.225	nq	98
51) 2,6-Dinitrotoluene	14.23	165	105182	51.270	nq	92
52) Acenaphthene	14.73	154	331605	44.290	nq	99
53) 3-Nitroaniline	14.57	138	35251	16.627	nq	85
54) 2,4-Dinitrophenol	14.78	184	135678	106.398	nq	93
55) Dibenzofuran	15.06	168	539325	48.695	nq	99
56) 4-Nitrophenol	14.90	139	86836	53.755	nq	88
57) 2,4-Dinitrotoluene	15.03	165	147182	48.991	nq	96
58) Fluorene	15.71	166	456347	48.260	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	155138m	49.987	nq	
60) Diethylphthalate	15.48	149	458310	46.747	nq	97
61) 4-Chlorophenyl-phenylether	15.70	204	259698	45.794	nq	98
62) 4-Nitroaniline	15.74	138	91321	39.494	nq	96
63) Azobenzene	16.00	77	386849	43.340	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	98326	58.113	nq	93
66) n-Nitrosodiphenylamine	15.92	169	390438	49.464	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	185166	49.340	nq	99
68) Hexachlorobenzene	16.72	284	208531	49.905	nq	98
69) Atrazine	16.87	200	141588	42.597	nq	94
70) Pentachlorophenol	17.06	266	239011	99.129	nq	98
71) Phenanthrene	17.45	178	718105	49.193	nq	99
72) Anthracene	17.54	178	741594	50.888	nq	99
73) Carbazole	17.82	167	655252	48.487	nq	99
74) Di-n-butylphthalate	18.36	149	785442	48.713	nq	99
75) Fluoranthene	19.46	202	945438	48.966	nq	98
77) Benzidine	19.67	184	51007	6.350	nq	97
78) Pyrene	19.82	202	949580	49.595	nq	98
80) Butylbenzylphthalate	20.70	149	352040	48.440	nq	96
81) Benzo(a)anthracene	21.66	228	963154	48.187	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	126395	16.123	nq	99
83) Chrysene	21.72	228	947800	48.864	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	525513	50.817	nq	99
85) Di-n-octyl phthalate	22.77	149	895830	52.976	nq	# 95
86) Indeno(1,2,3-cd)pyrene	28.56	276	1252470	51.868	nq	# 98
88) Benzo(b)fluoranthene	23.87	252	1051159	49.663	nq	99
89) Benzo(k)fluoranthene	23.94	252	1010951	48.281	nq	98
90) Benzo(a)pyrene	24.74	252	958553	48.002	nq	99
91) Dibenzo(a,h)anthracene	28.62	278	1065802	52.049	nq	97
92) Benzo(g,h,i)perylene	29.70	276	1046832	52.763	nq	98

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



#1

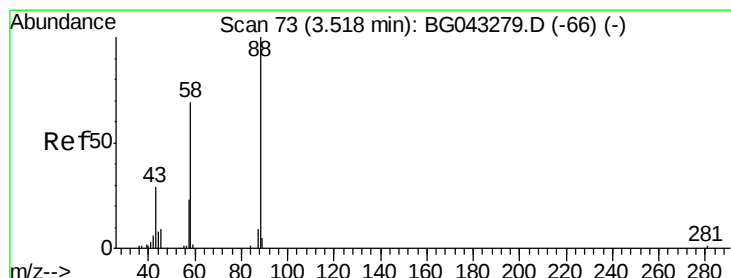
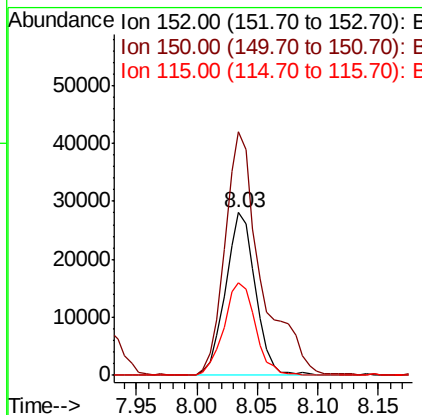
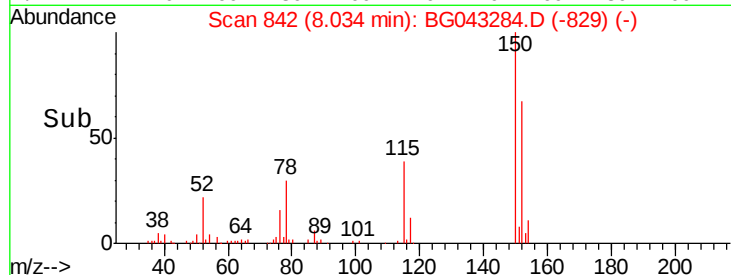
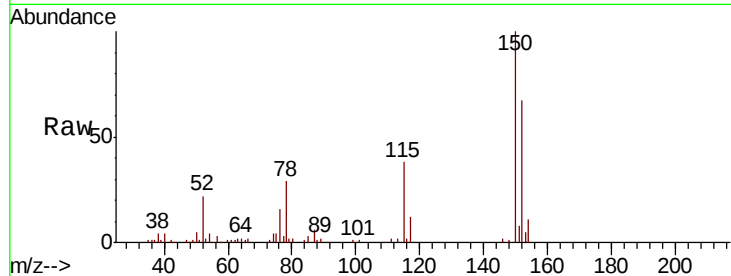
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Concen: 20.000 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	115.0	172.4
115	57.3	47.0	70.6

Manual Integrations
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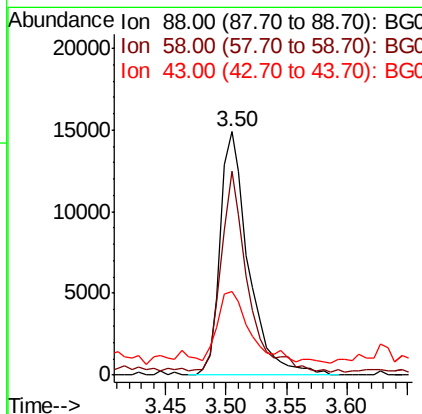
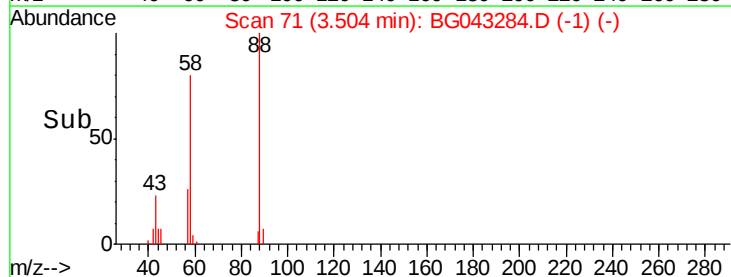
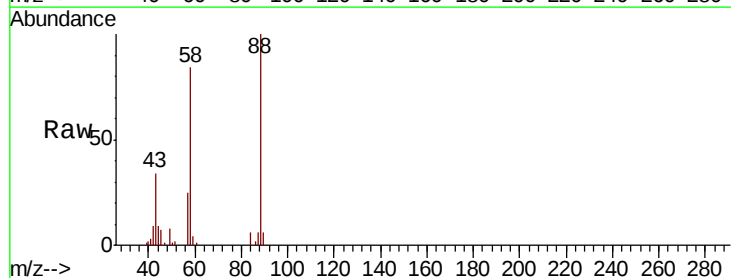
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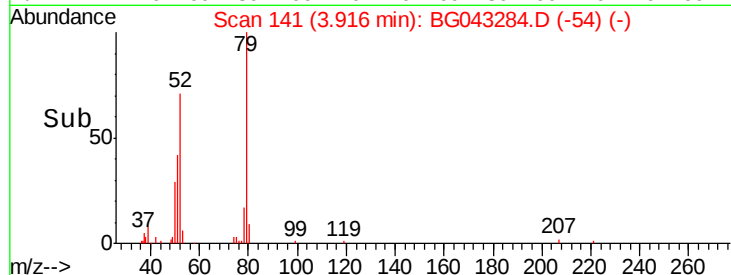
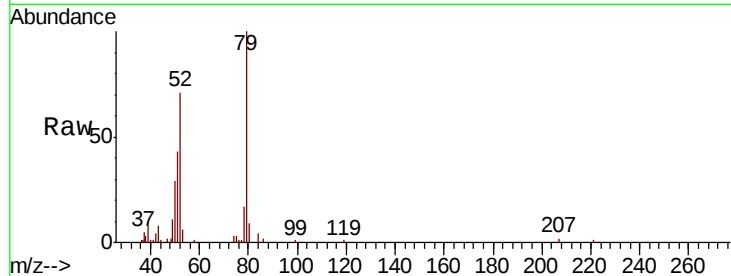
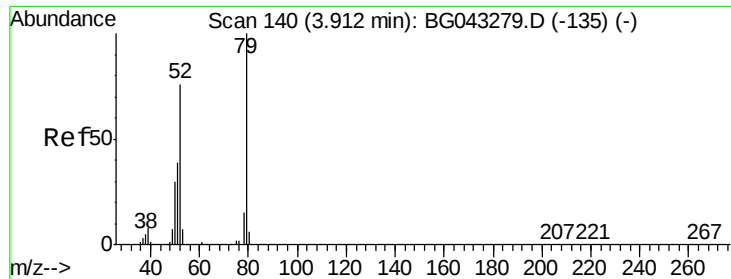


#2

1,4-Dioxane
Concen: 21.529 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.03 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	74.3	111.5
43	32.3	29.8	44.8





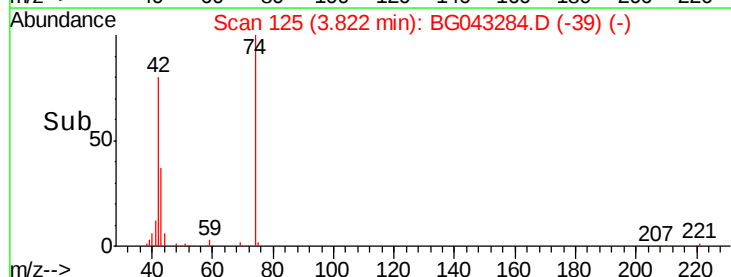
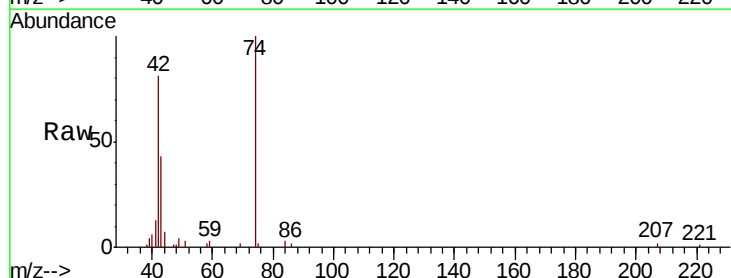
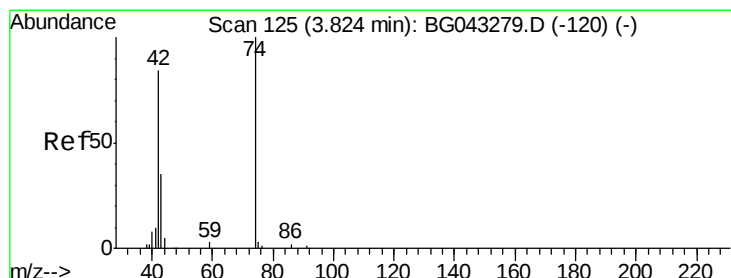
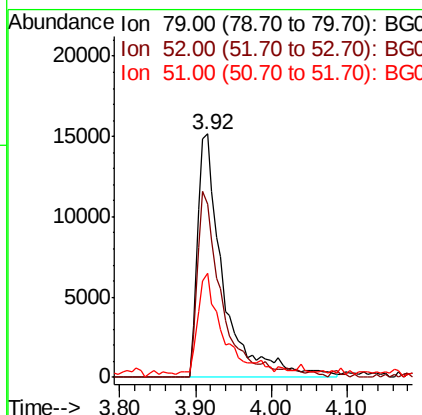
#3
 Pvridine
 Concen: 11.299 ng/ml
 RT: 3.92 min Scan# 141
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.1	73.0	109.4#
51	43.0	35.1	52.7

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

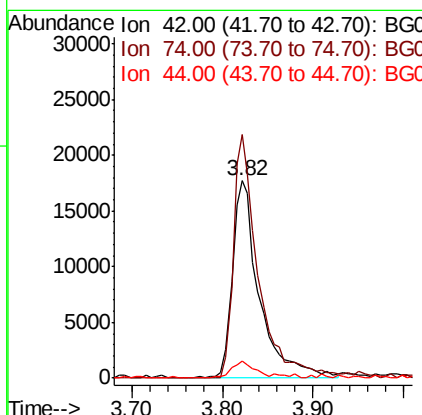
Manual Integrations
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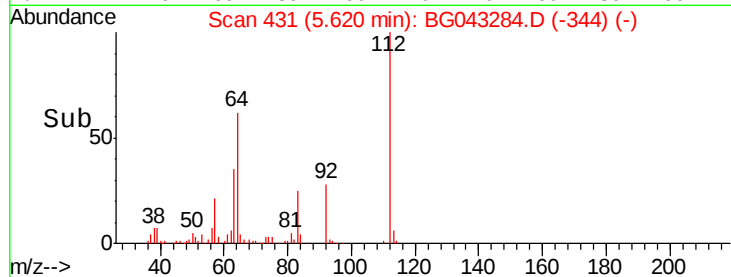
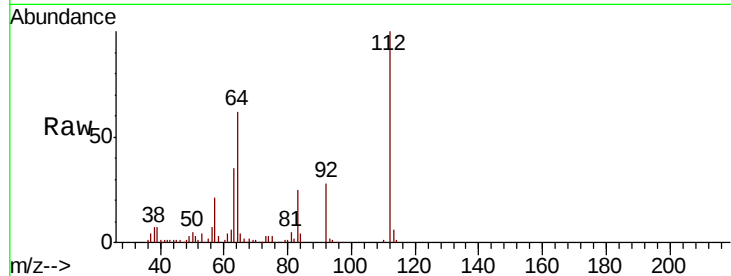
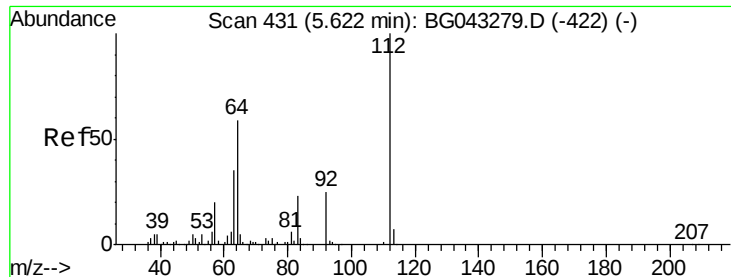
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#4
 n-Nitrosodimethylamine
 Concen: 24.269 ng/ml
 RT: 3.82 min Scan# 125
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.4	80.5	120.7#
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 63.529 ng

RT: 5.62 min Scan# 431

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tot Ion:	112	Resp:	170757
Ion Ratio	Lower	Upper	
112	100		
64	61.9	56.6	84.8
63	35.5	35.1	52.7

Instrument :

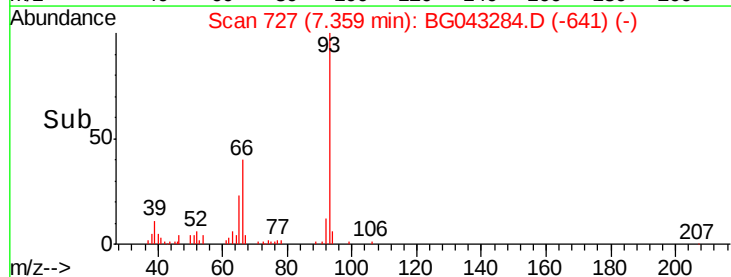
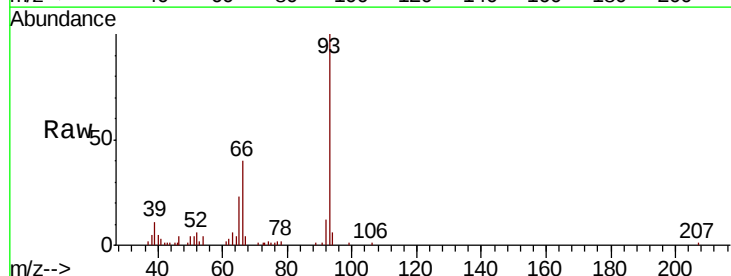
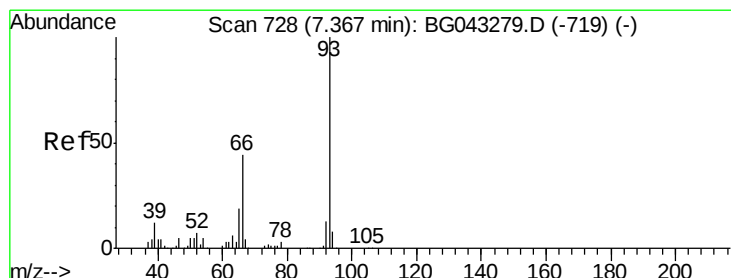
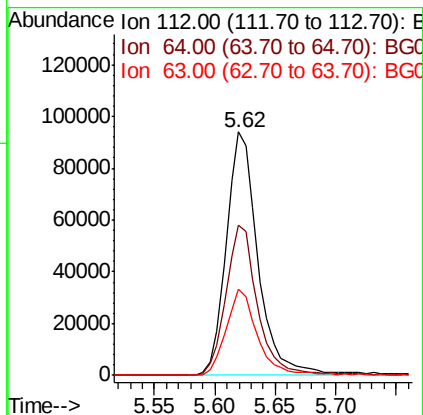
BNA_G

ClientSampleId :

PB124106BS

Manual Integrations
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#6

Aniline

Concen: 16.338 ng

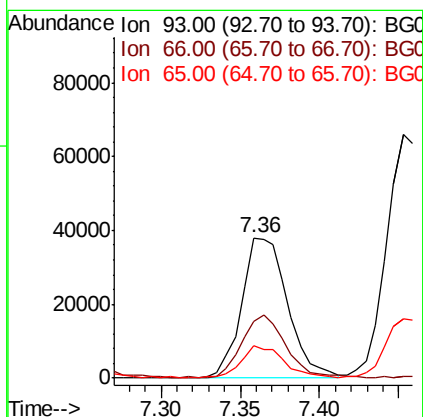
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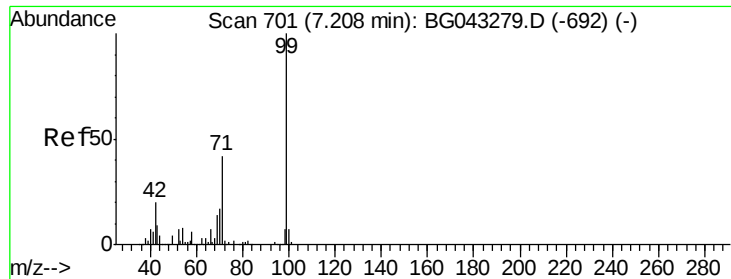
Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	93	Resp:	76336
Ion Ratio	Lower	Upper	
93	100		
66	40.0	35.0	52.6
65	23.3	17.4	26.0





#7

Phenol-d6

Concen: 42.005 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

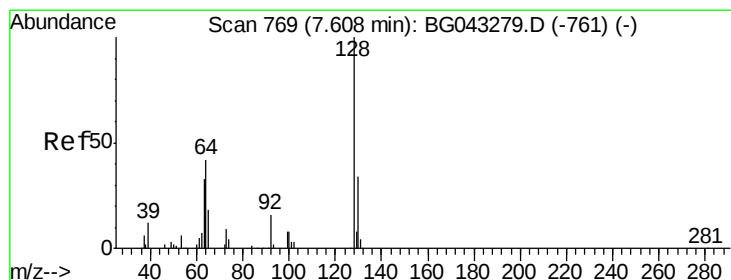
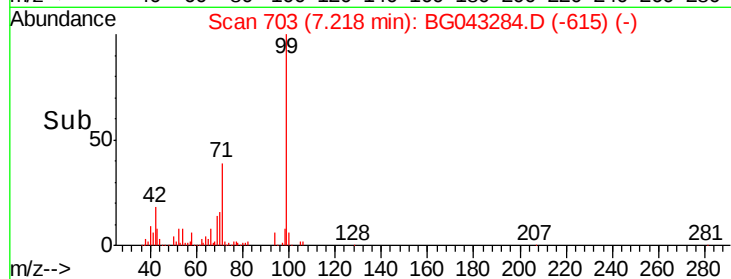
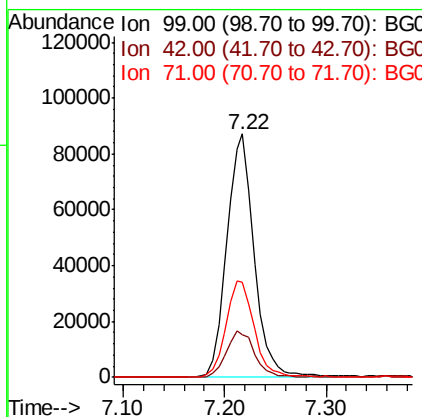
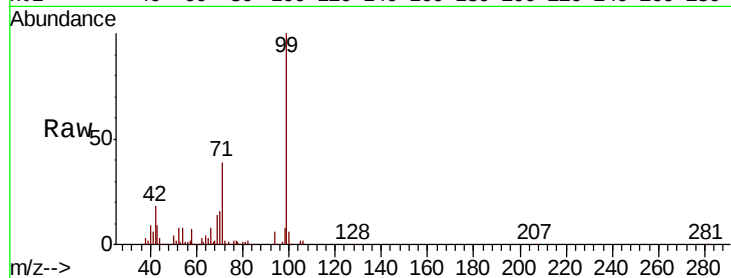
ClientSampleId :

PB124106BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		162586		
42	17.6	17.2	25.8		
71	39.1	33.1	49.7		

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#8

2-Chlorophenol

Concen: 47.703 ng

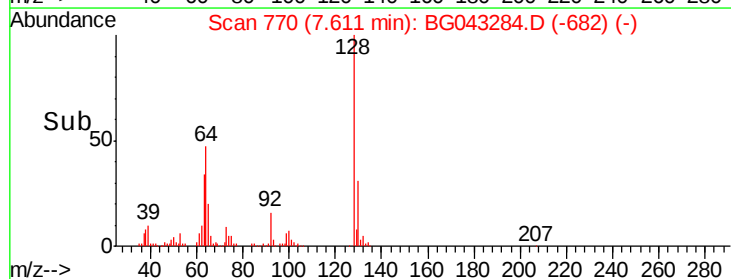
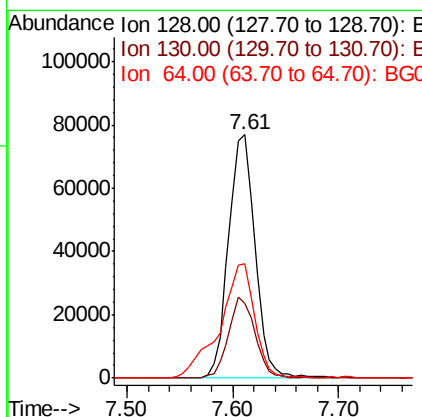
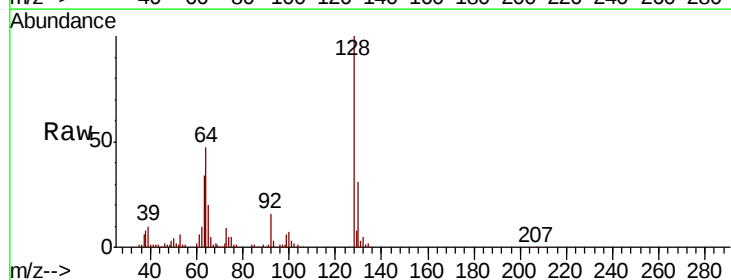
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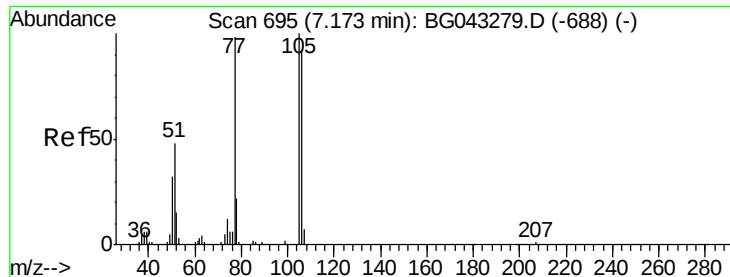
Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		133716		
130	30.6	12.5	52.5		
64	47.0	32.8	72.8		





#9

Benzaldehyde

Concen: 30.747 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

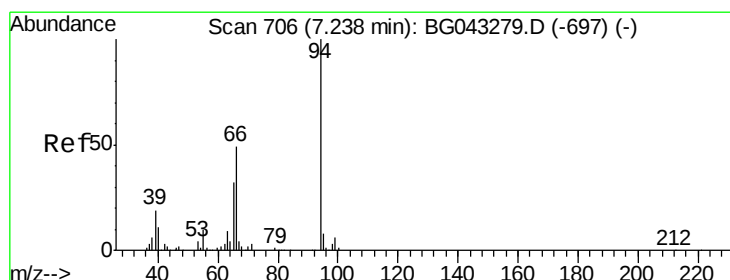
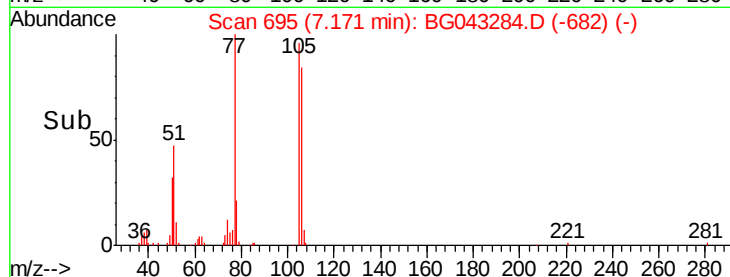
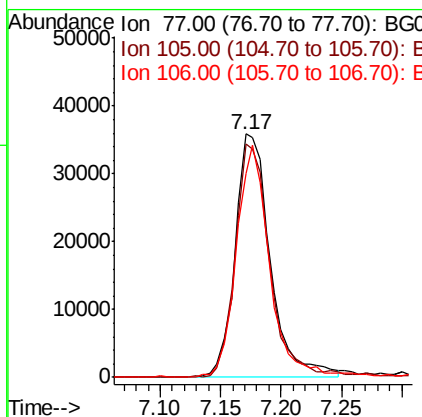
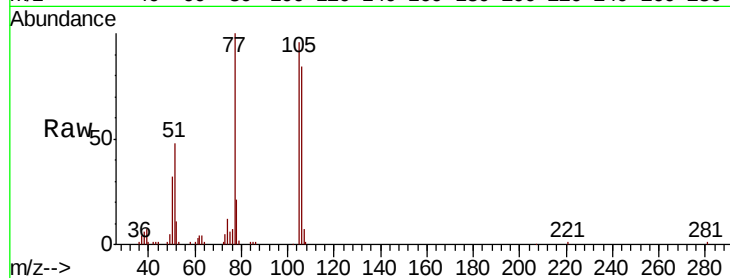
ClientSampleId :

PB124106BS

Tot Ion:	77	Resp:	72725
Ion	Ratio	Lower	Upper
77	100		
105	95.6	64.6	104.6
106	83.6	59.4	99.4

Manual Integrations
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#10

Phenol

Concen: 22.453 ng

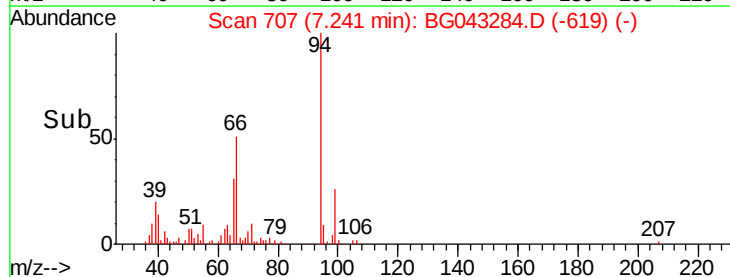
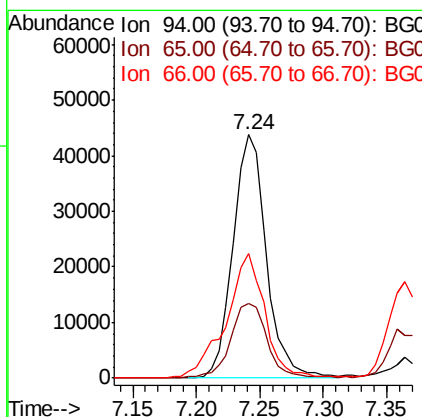
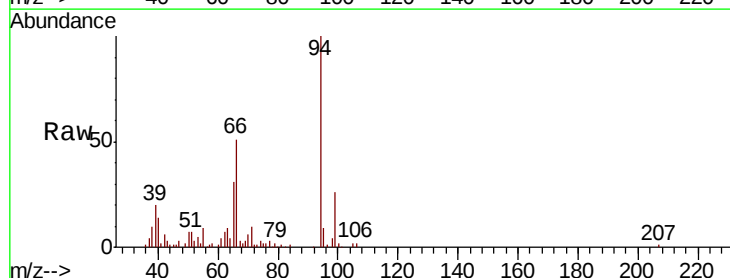
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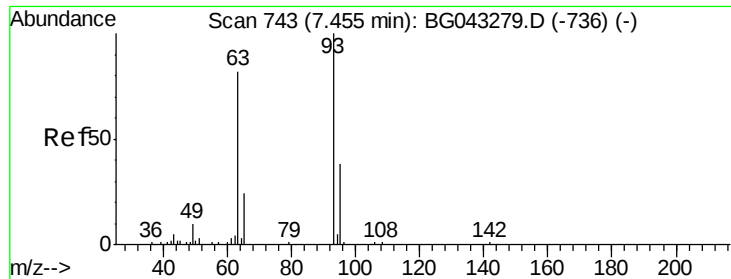
Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	94	Resp:	79737
Ion	Ratio	Lower	Upper
94	100		
65	30.7	16.6	56.6
66	51.2	32.4	72.4





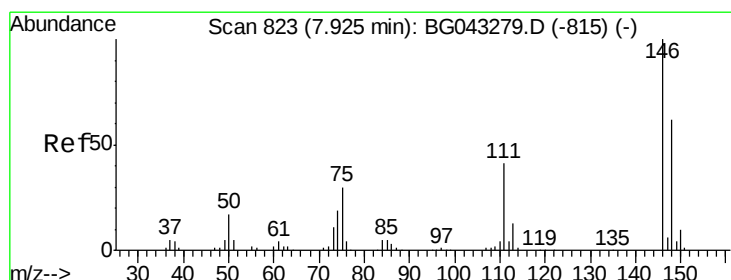
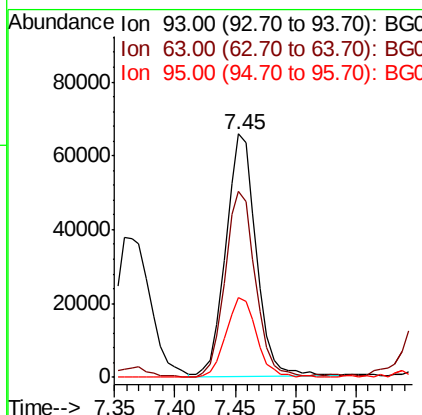
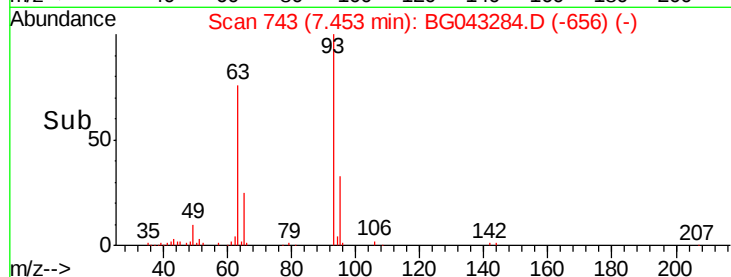
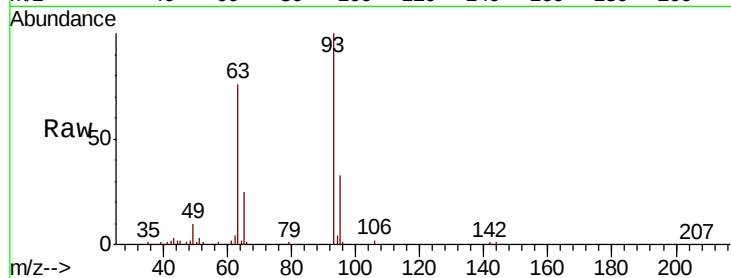
#11
bis(2-Chloroethyl)ether
Concen: 41.176 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	67.4	107.4
95	32.7	11.9	51.9

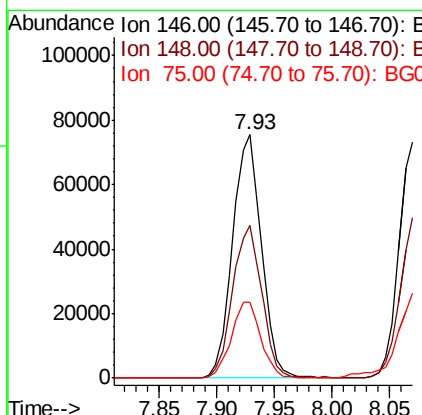
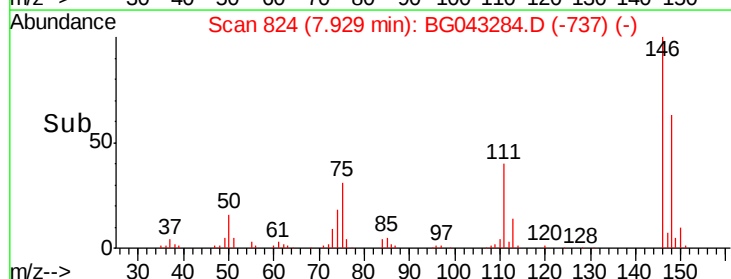
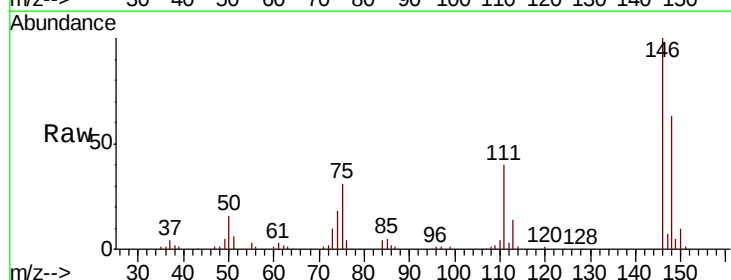
Manual Integrations
APPROVED

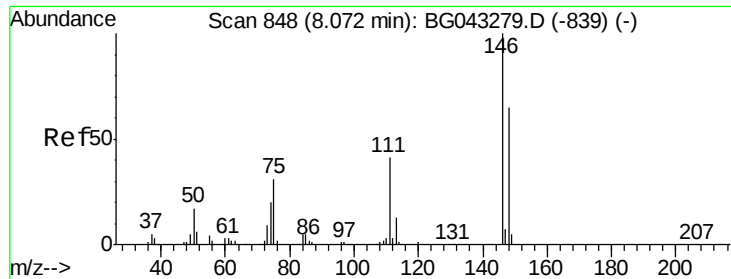
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.529 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
75	31.0	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 36.509 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

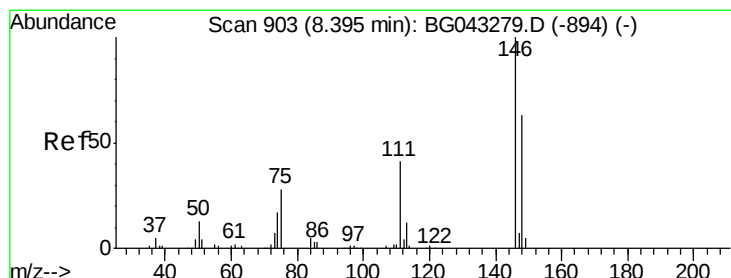
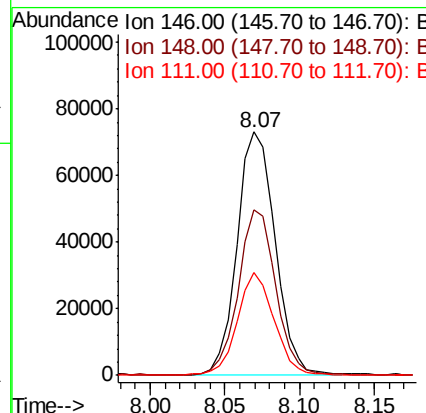
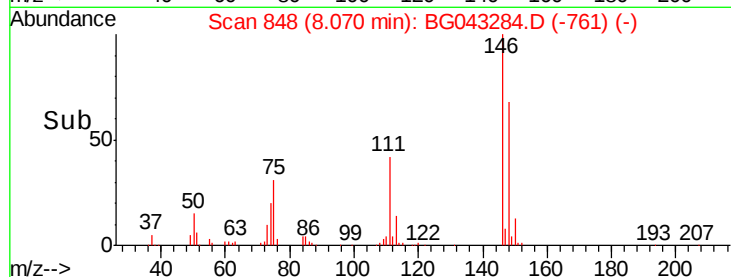
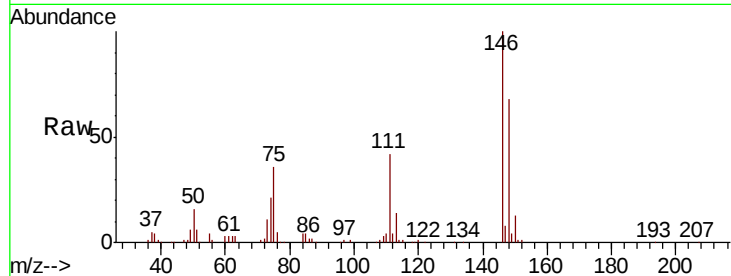
ClientSampleId :

PB124106BS

Tot Ion:	146	Resp:	130143
Ion Ratio	Lower	Upper	
146	100		
148	67.9	50.9	76.3
111	42.2	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 38.131 ng

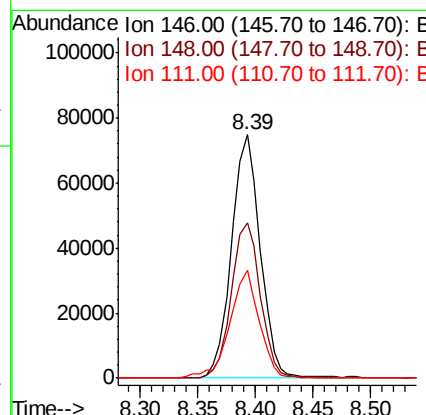
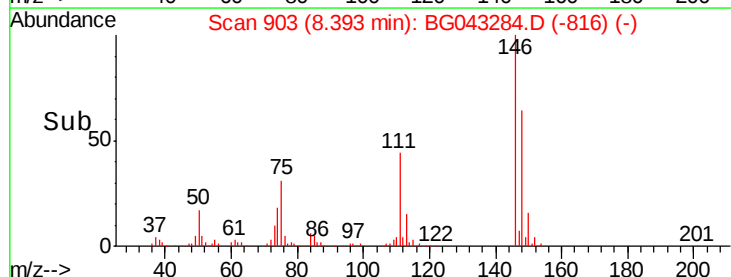
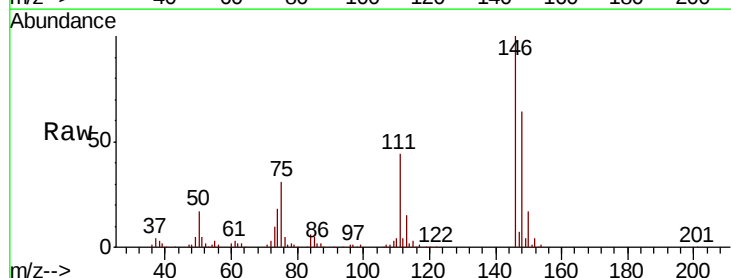
RT: 8.39 min Scan# 903

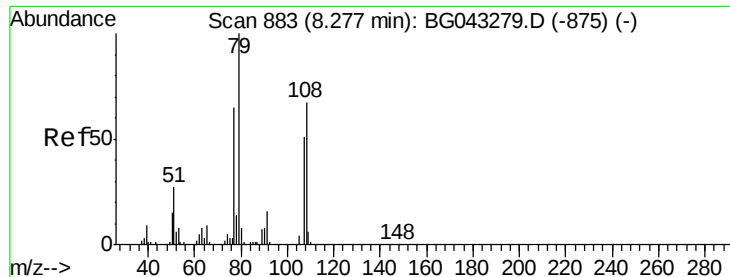
Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	146	Resp:	129407
Ion Ratio	Lower	Upper	
146	100		
148	64.0	53.4	80.2
111	44.2	38.5	57.7





#15

Benzyl Alcohol

Concen: 34.929 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

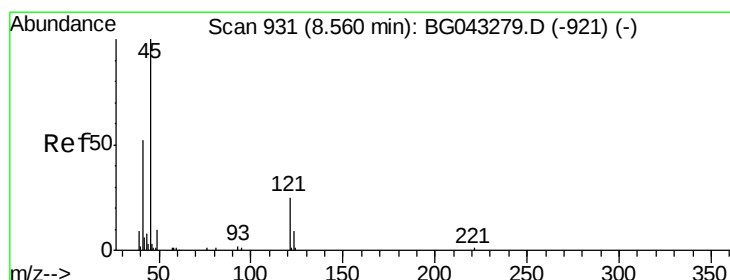
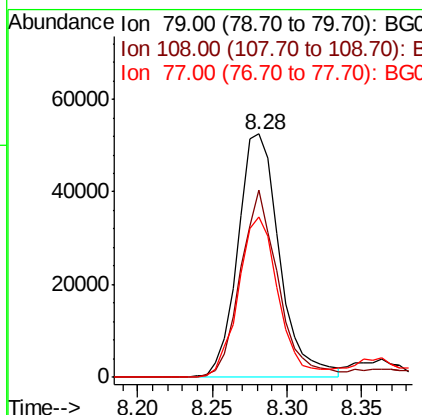
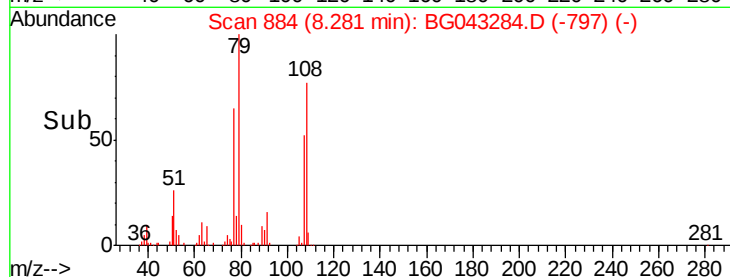
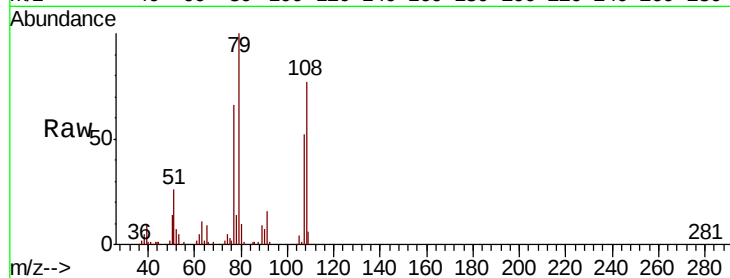
ClientSampleId :

PB124106BS

Tot Ion:	79	Resp:	101646
Ion	Ratio	Lower	Upper
79	100		
108	77.0	55.7	83.5
77	65.7	53.3	79.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.323 ng

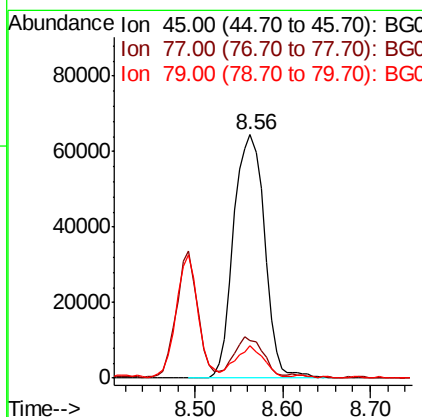
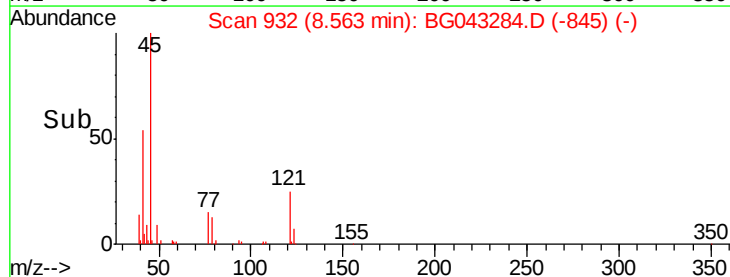
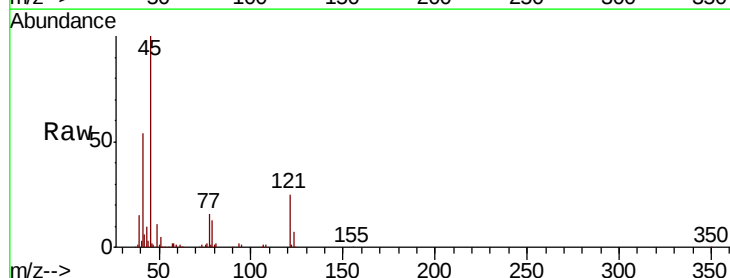
RT: 8.56 min Scan# 932

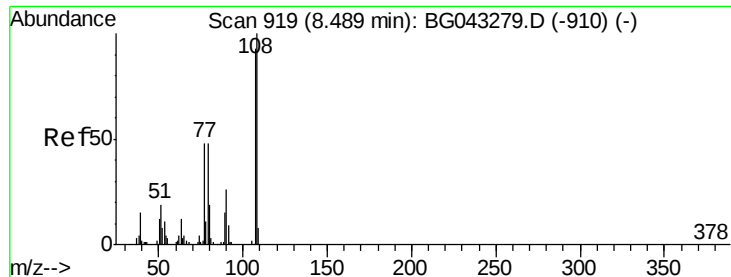
Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	45	Resp:	154729
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	32.8
79	13.1	0.0	29.4





#17

2-Methylphenol

Concen: 42.148 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

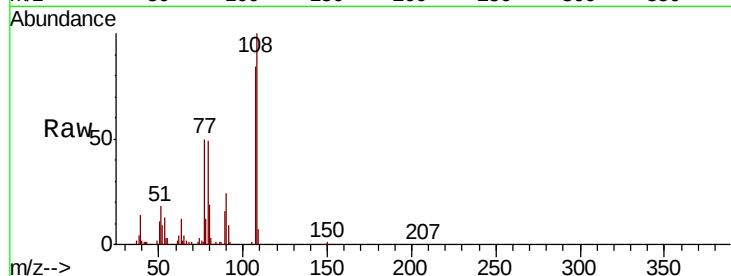
ClientSampleID :

PB124106BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	119.3	89.9	134.9	
77	59.9	45.4	68.2	
79	58.1	41.4	62.0	

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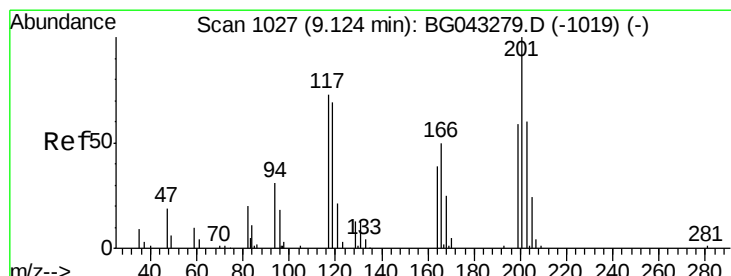
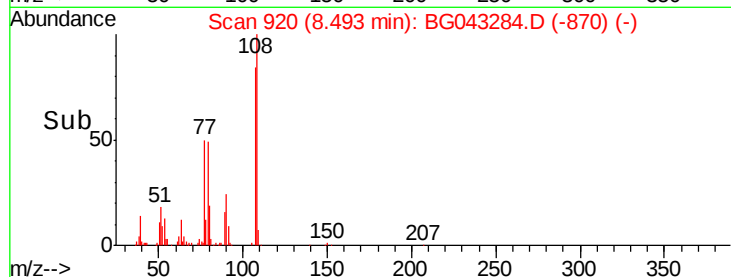
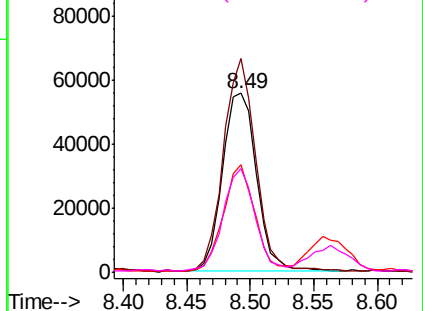
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.877 ng

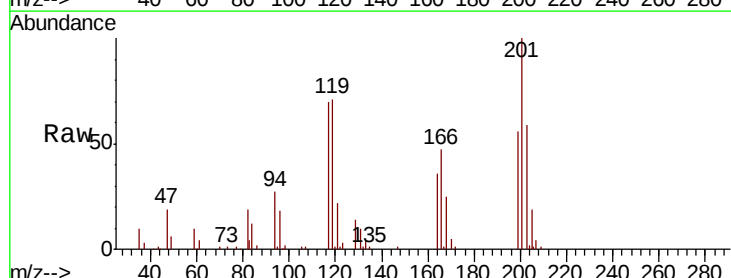
RT: 9.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.2	74.6	111.8	
201	143.1	106.0	159.0	

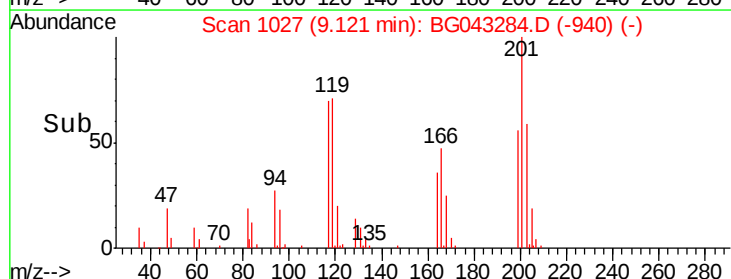
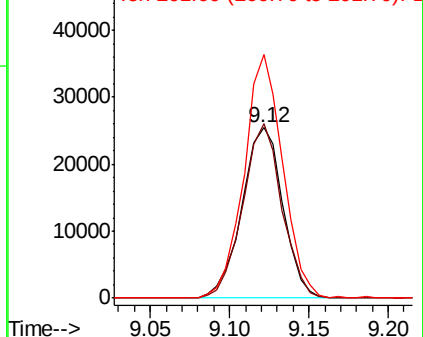


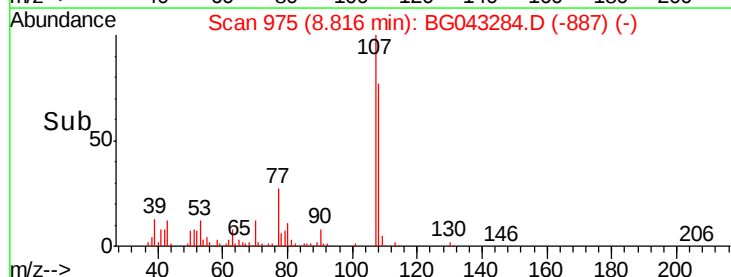
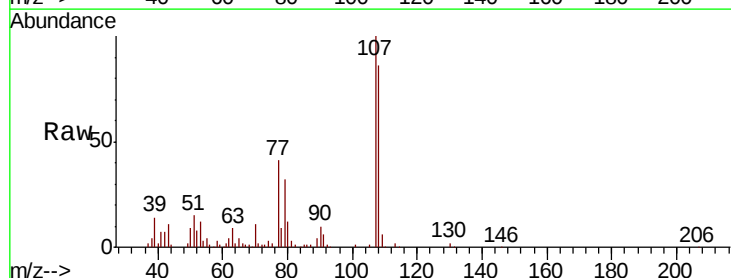
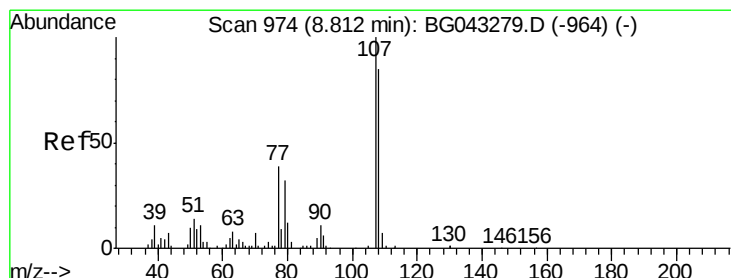
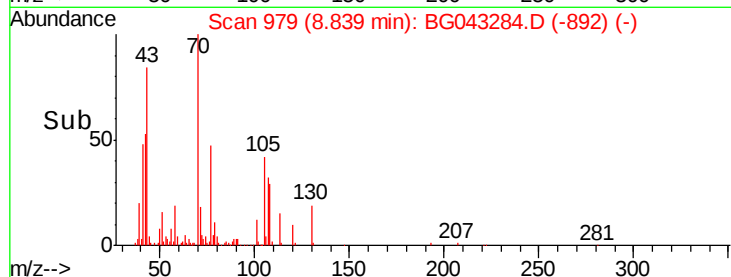
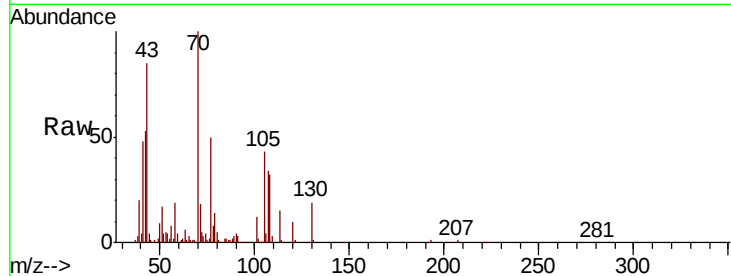
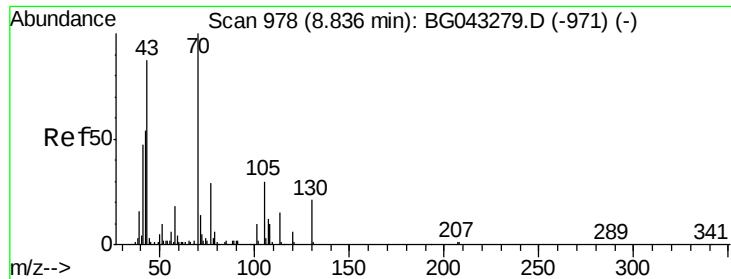
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

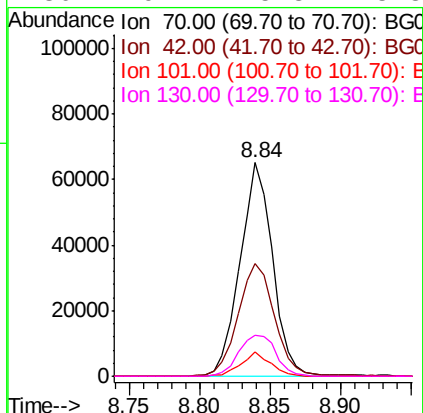
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.269 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.8	52.6	79.0	
101	11.6	8.7	13.1	
130	19.4	15.8	23.8	



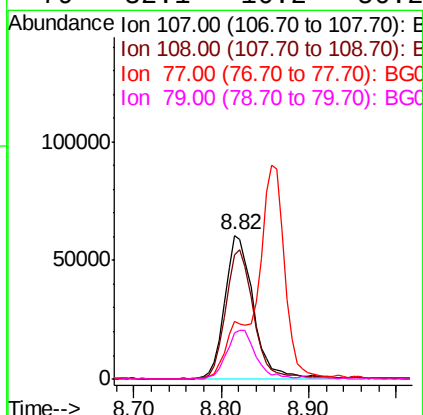
Instrument :
BNA_G
ClientSampleId :
PB124106BS

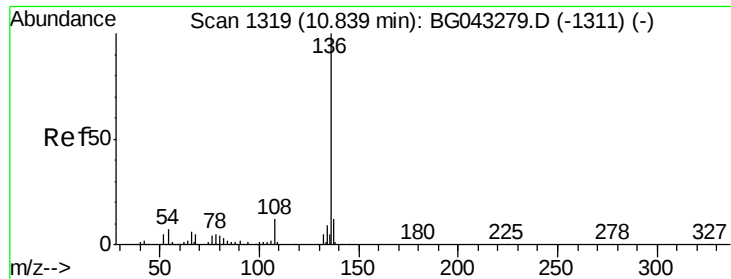
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#20
3+4-Methylphenols
Concen: 39.624 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	64.9	104.9	
77	40.6	19.4	59.4	
79	32.1	16.2	56.2	





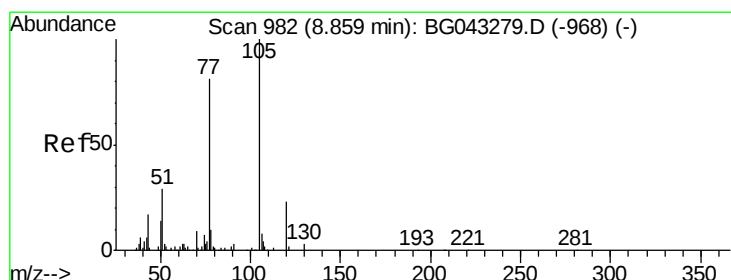
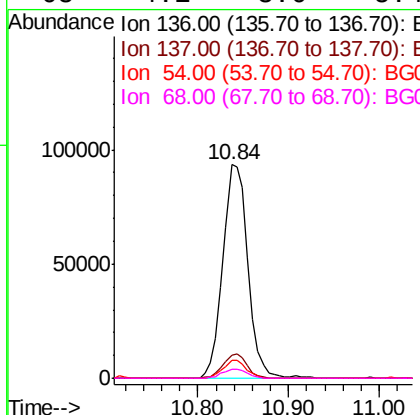
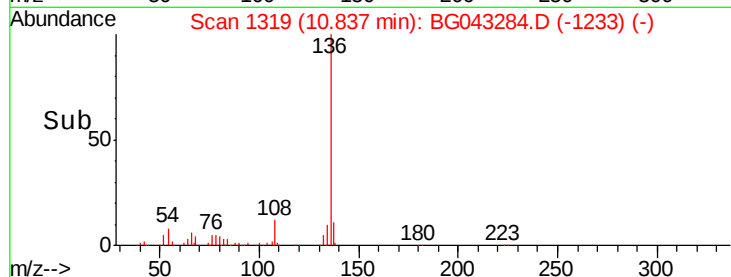
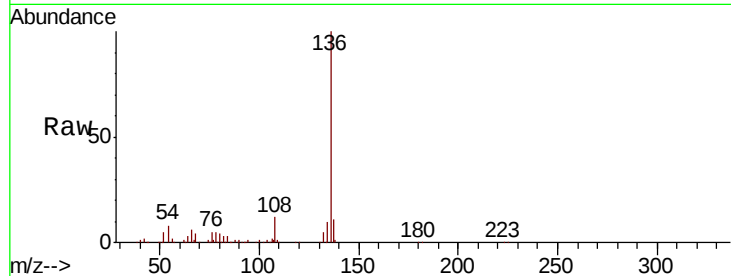
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		178506		
137	10.8	8.5	12.7		
54	8.1	7.4	11.2		
68	4.1	3.6	5.4		

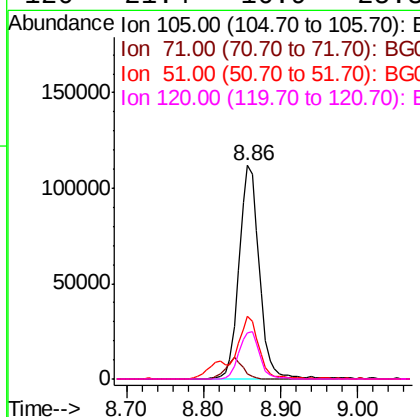
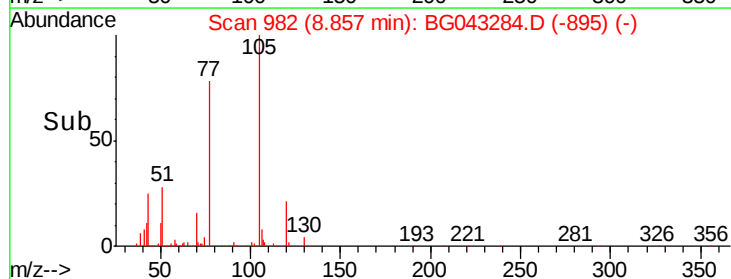
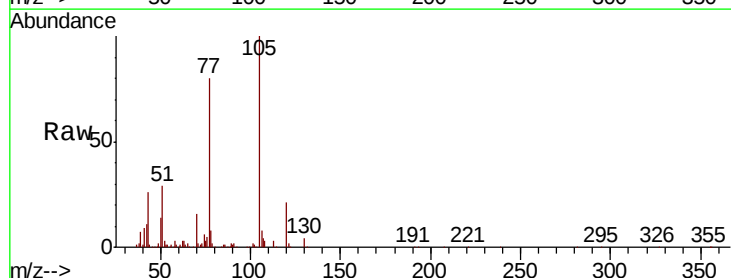
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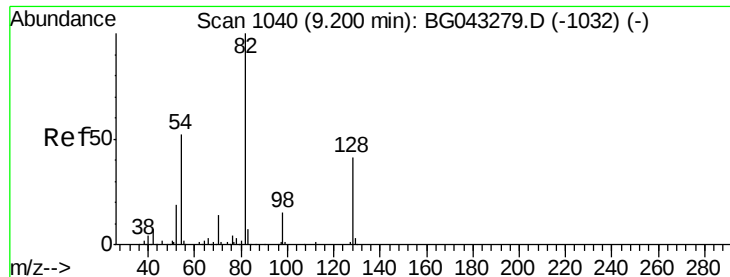
mohammad
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#22
Acetophenone
Concen: 44.974 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		206941		
71	2.4	1.2	1.8#		
51	29.3	27.2	40.8		
120	21.4	16.9	25.3		





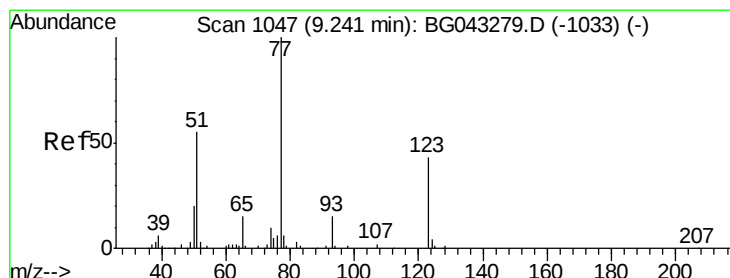
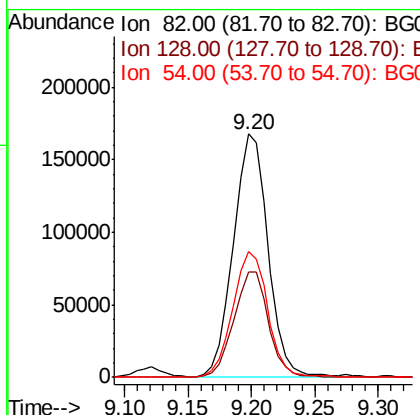
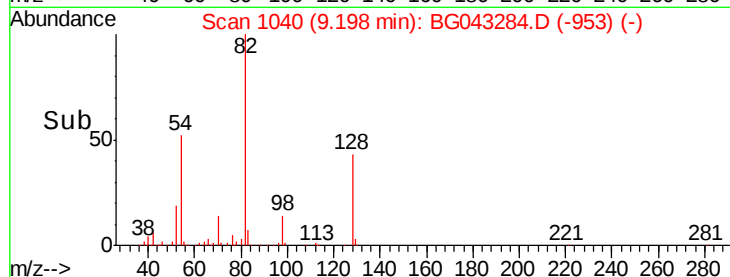
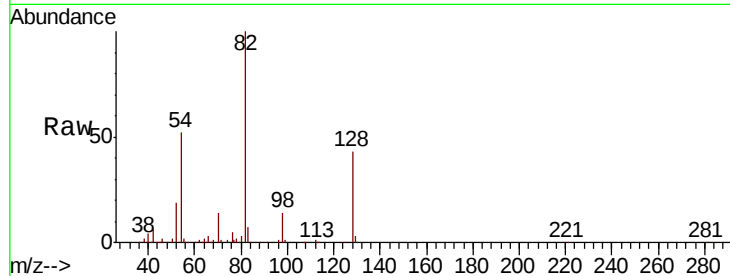
#23
Nitrobenzene-d5
Concen: 85.966 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.4	29.5	44.3	
54	51.9	44.6	67.0	

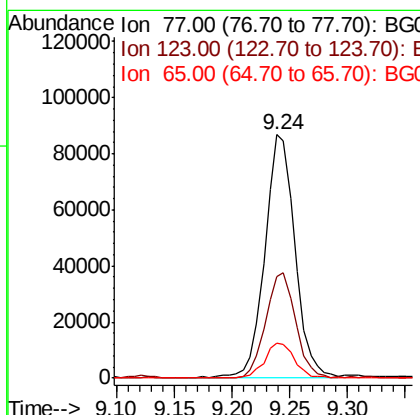
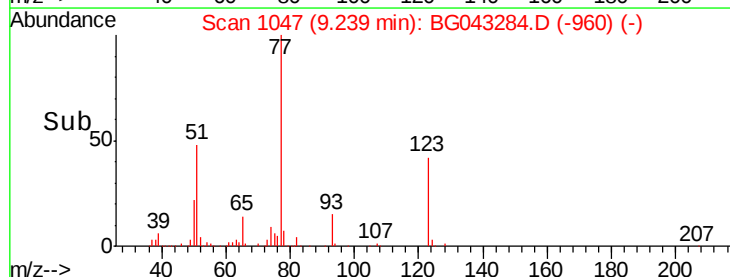
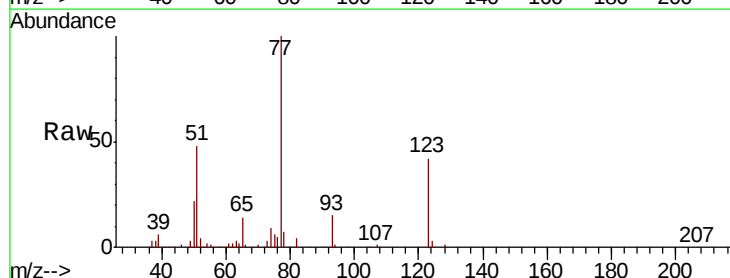
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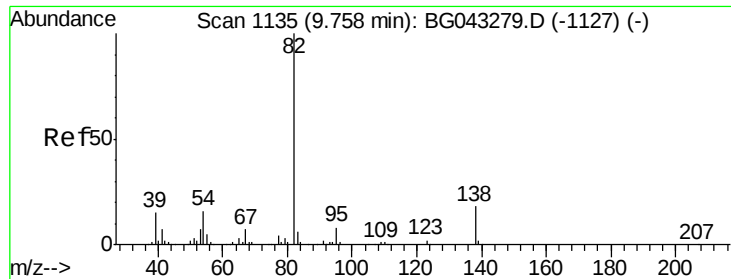
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#24
Nitrobenzene
Concen: 45.152 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.6	31.9	47.9	
65	14.2	12.4	18.6	





#25

Isophorone

Concen: 46.530 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

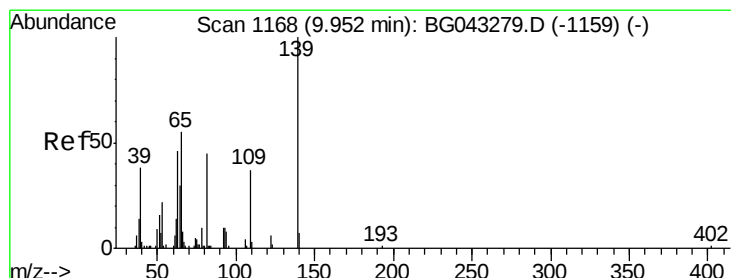
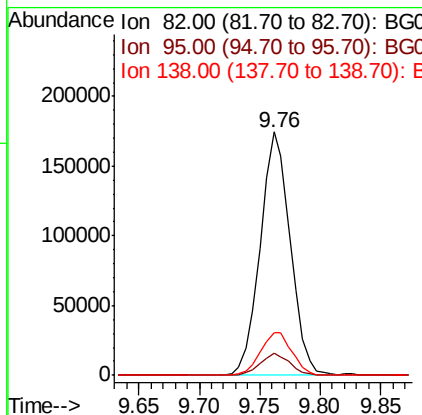
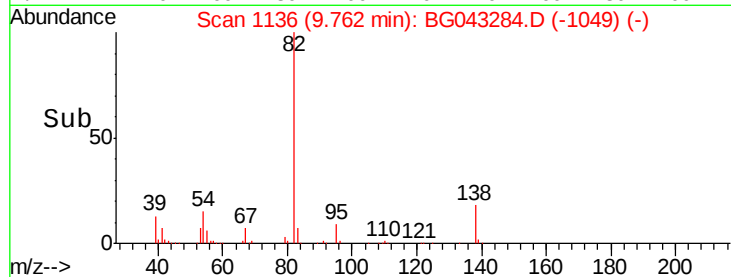
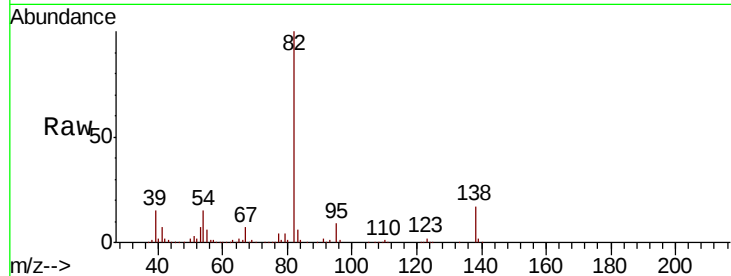
ClientSampleId :

PB124106BS

Tot Ion:	82	Resp:	300168
Ion Ratio	Lower	Upper	
82	100		
95	8.9	7.0	10.4
138	17.5	13.8	20.6

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#26

2-Nitrophenol

Concen: 53.368 ng

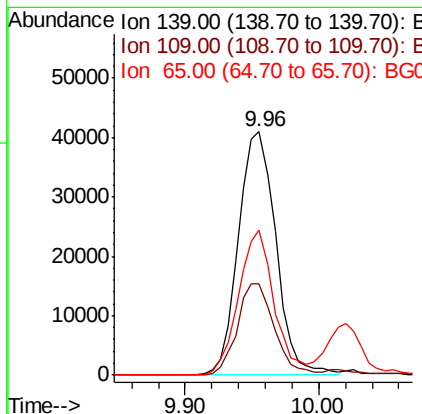
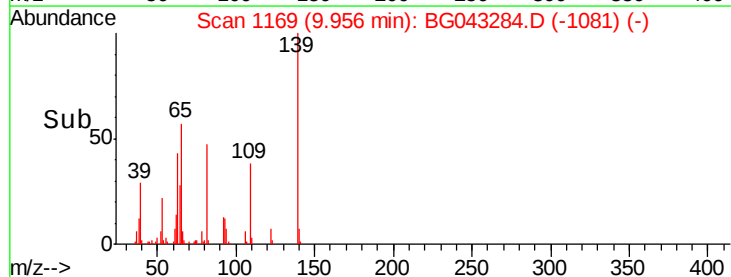
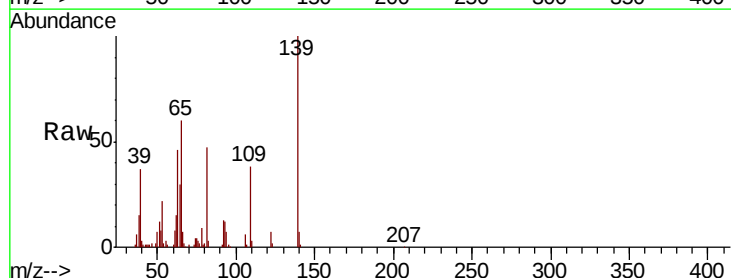
RT: 9.96 min Scan# 1169

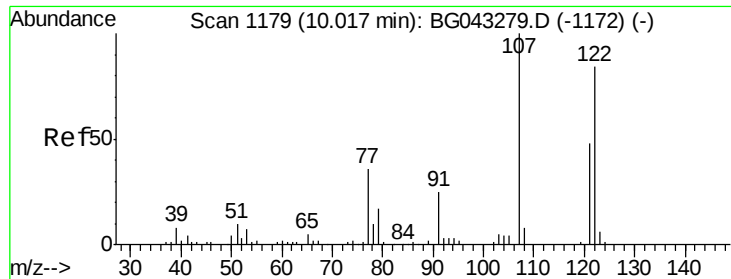
Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	139	Resp:	79586
Ion Ratio	Lower	Upper	
139	100		
109	37.7	31.0	46.6
65	59.7	48.4	72.6





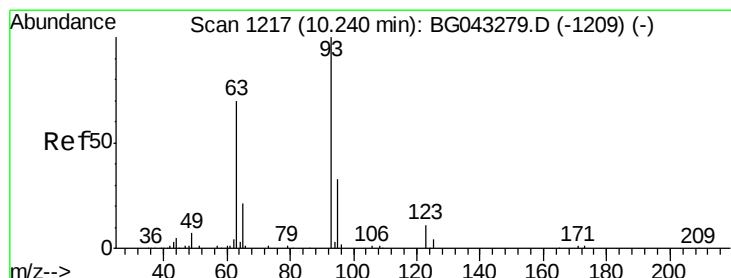
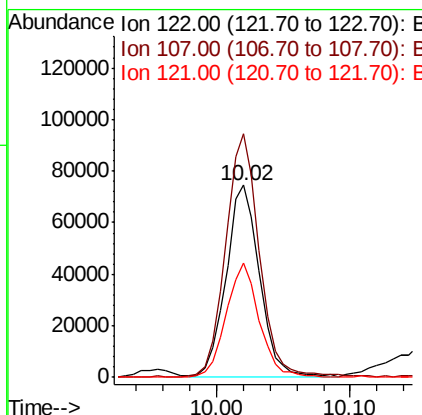
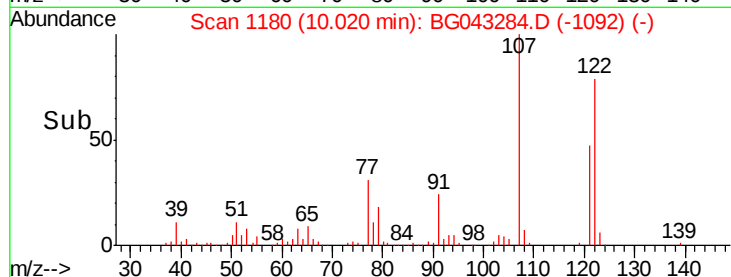
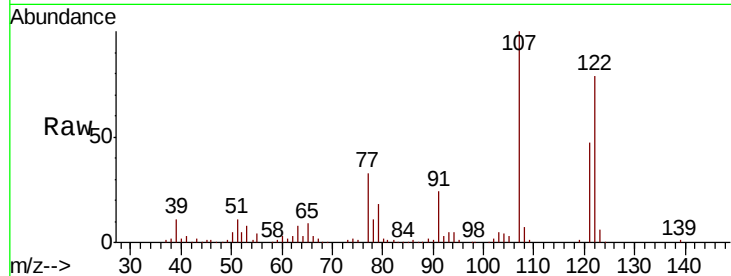
#27
2,4-Dimethylphenol
Concen: 56.546 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	126.6	102.2	153.2		
121	59.2	48.5	72.7		

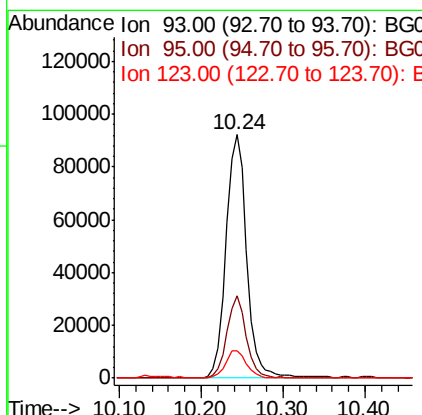
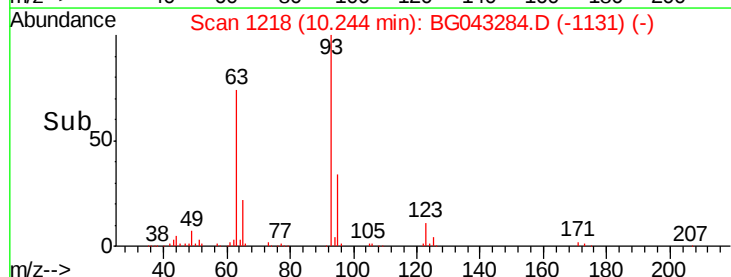
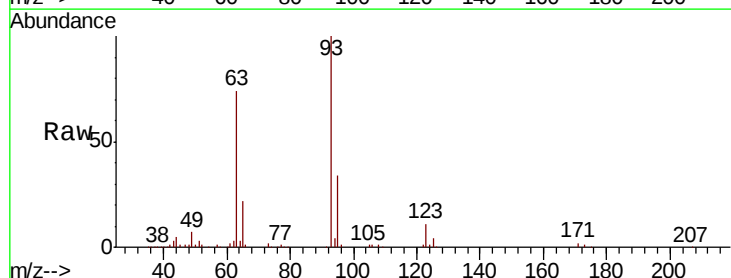
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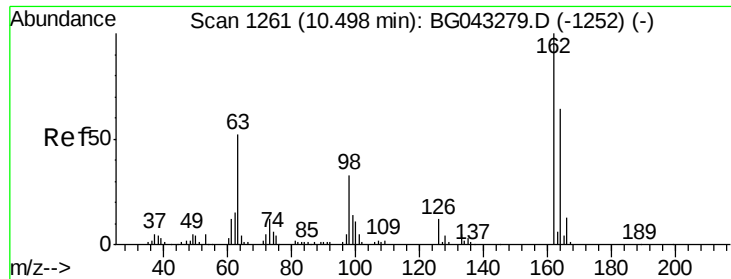
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#28
bis(2-Chloroethoxy)methane
Concen: 44.398 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	34.1	25.4	38.0		
123	11.0	9.3	13.9		





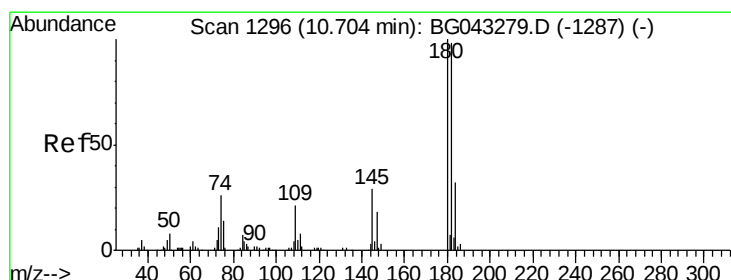
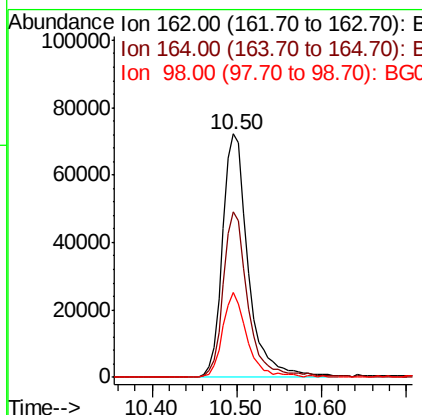
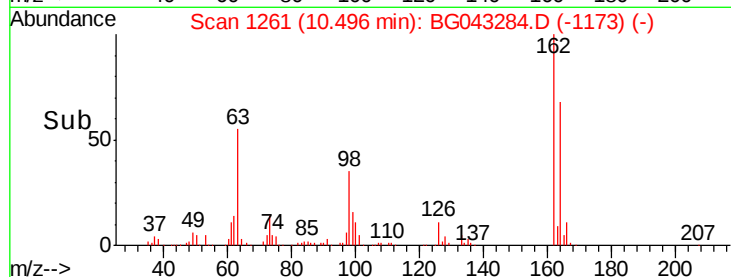
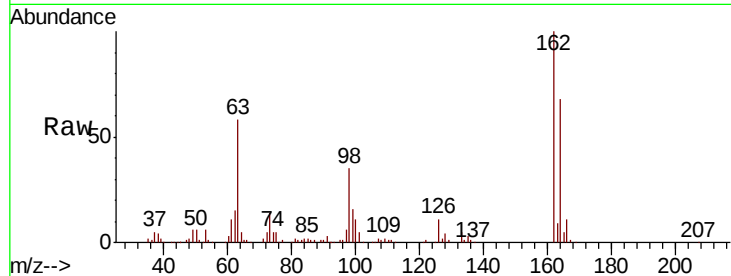
#29
2,4-Dichlorophenol
Concen: 53.424 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	152165		
164	68.2	44.7	84.7	
98	34.9	16.0	56.0	

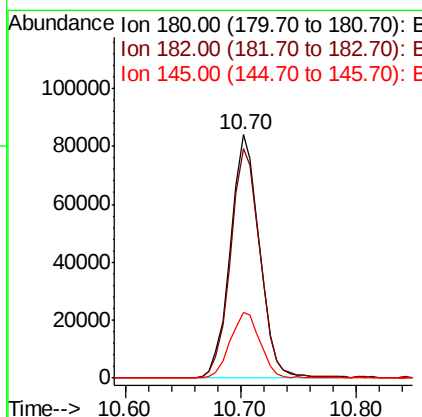
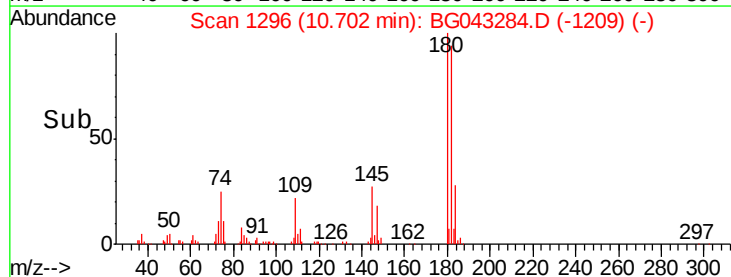
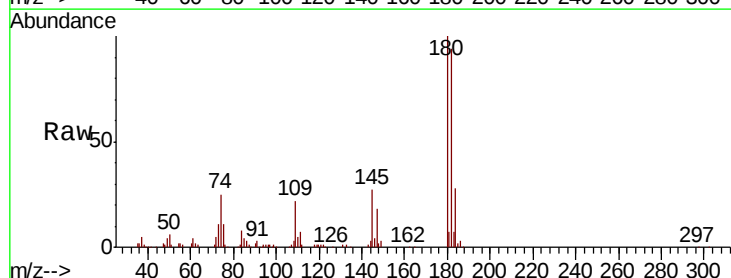
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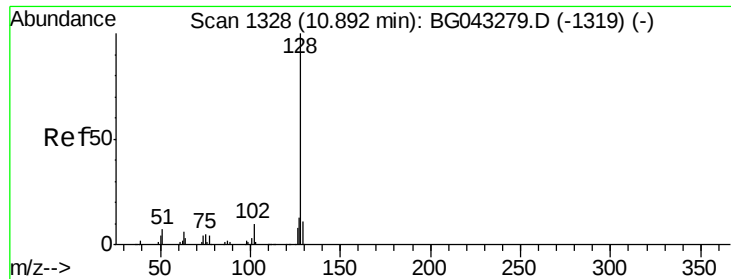
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#30
1,2,4-Trichlorobenzene
Concen: 39.917 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146820		
182	94.5	79.3	118.9	
145	26.8	22.0	33.0	





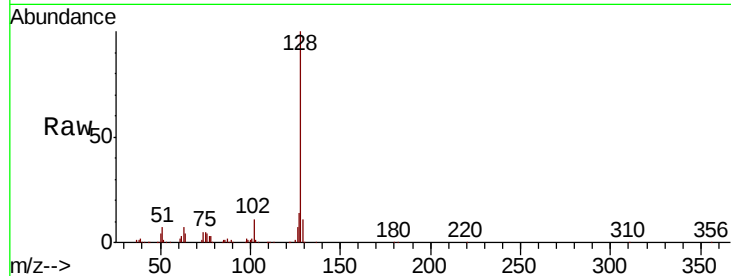
#31
Naphthalene
Concen: 45.420 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	399116		
129	11.2		8.8	13.2
127	14.4		11.3	16.9

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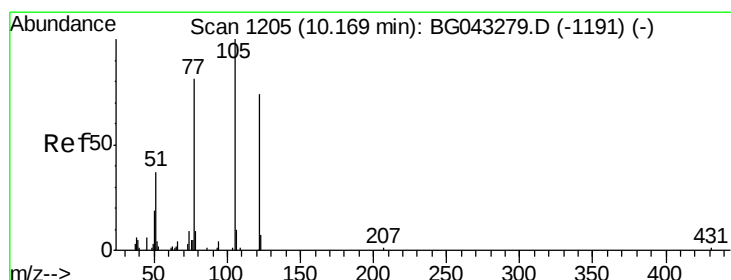
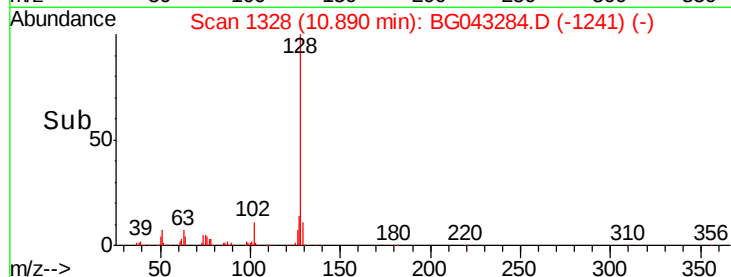
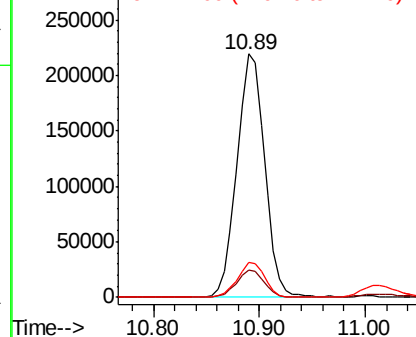


Abundance

Ion 128.00 (127.70 to 128.70): E

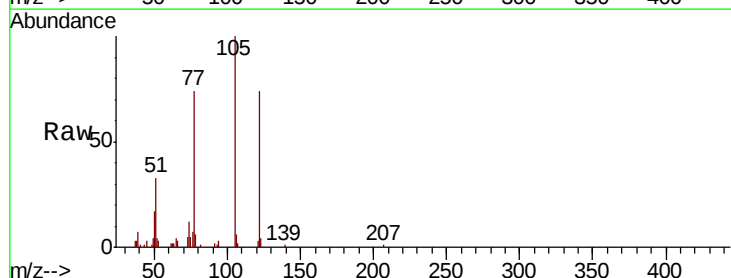
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 21.777 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33000		
105	135.6		107.5	147.5
77	99.7		79.8	119.8

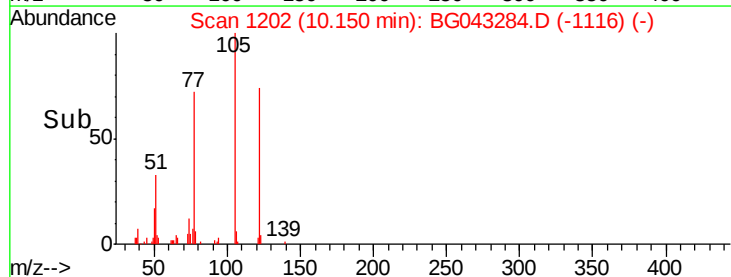
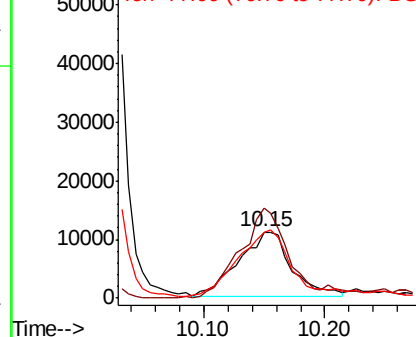


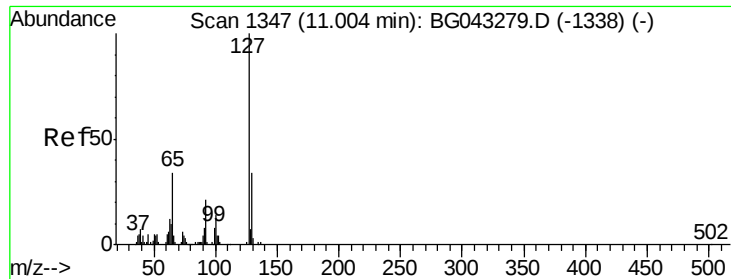
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





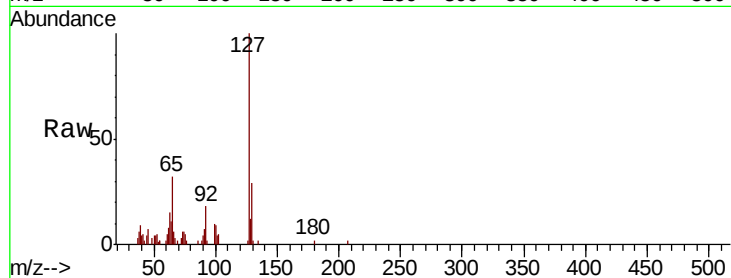
#33
4-Chloroaniline
Concen: 7.496 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.5	26.2	39.2
65	31.6	30.6	45.8
92	18.0	16.2	24.4

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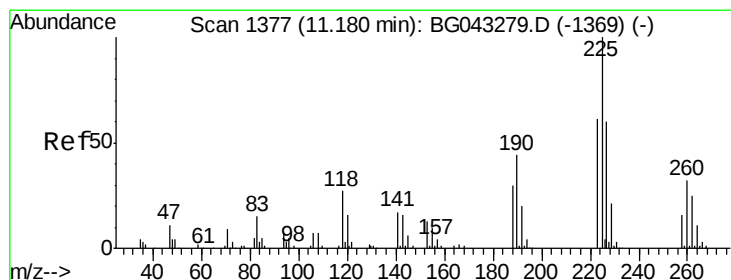
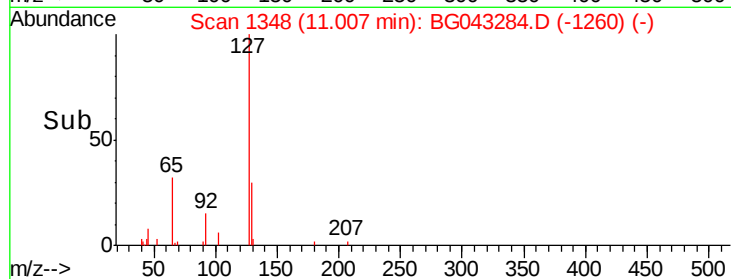
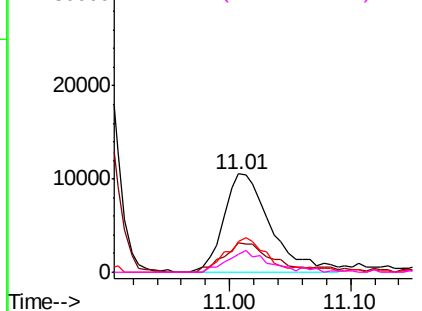
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

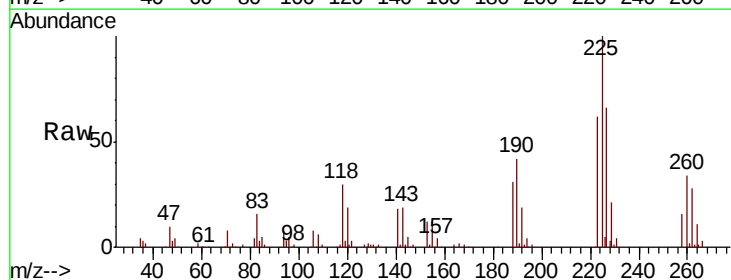
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.334 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.3	73.9
227	65.5	52.8	79.2

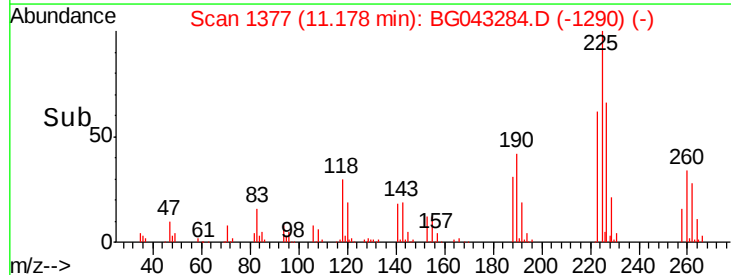
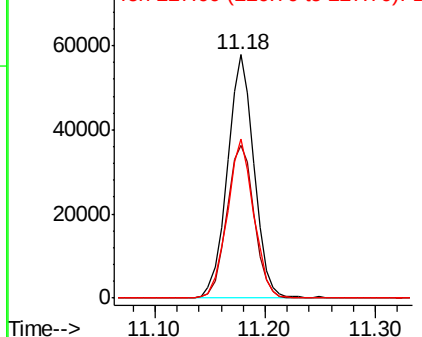


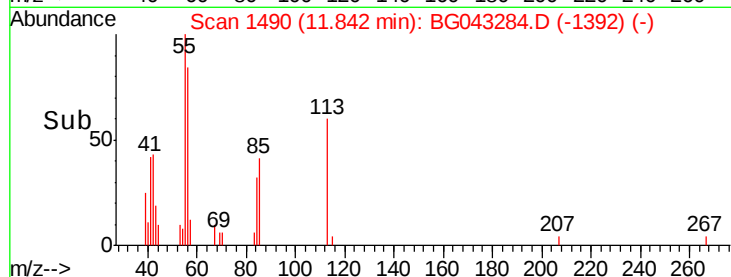
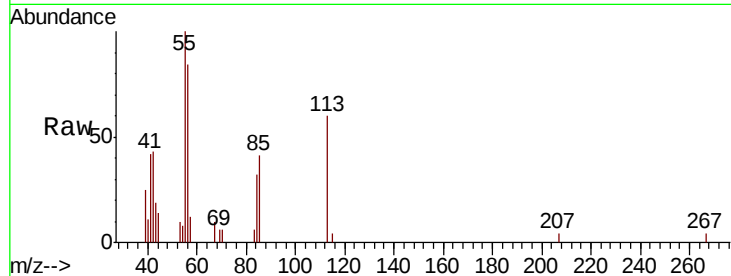
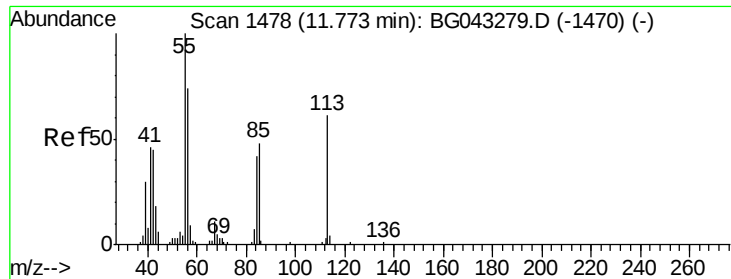
Abundance

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: 11.798 ng/mL

RT: 11.84 min Scan# 1490

Delta R.T. 0.05 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument:

BNA_G

ClientSampleID:

PB124106BS

Tot Ion: 113 Resp: 11850

Ion Ratio Lower Upper

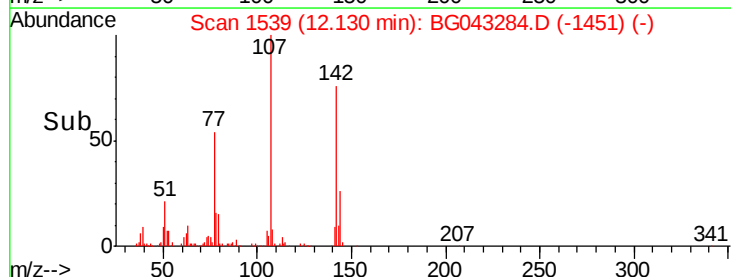
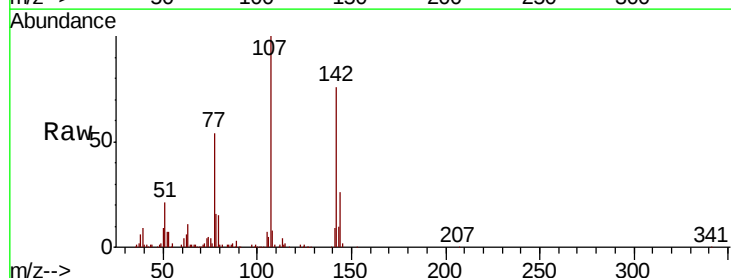
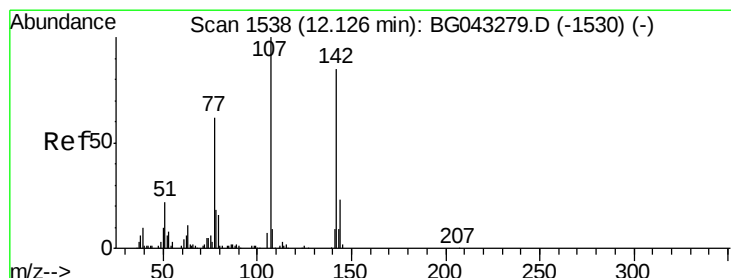
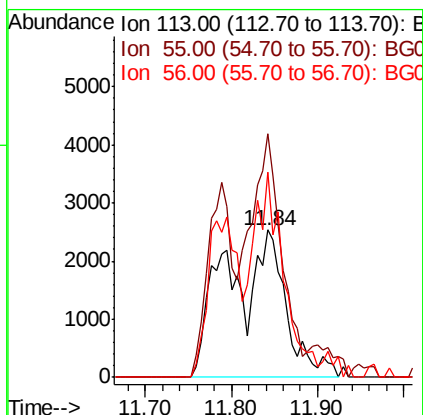
113 100

55 165.5 175.5 215.5#

56 139.4 142.3 182.3#

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#36

4-Chloro-3-methylphenol

Concen: 52.106 ng/mL

RT: 12.13 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

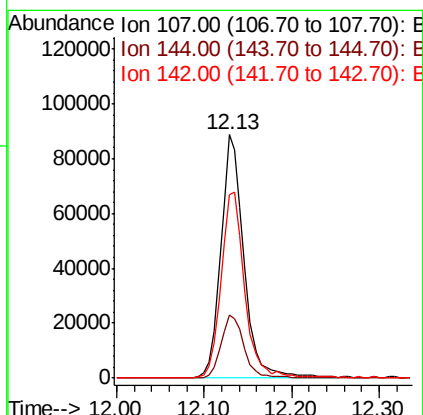
Tgt Ion: 107 Resp: 161364

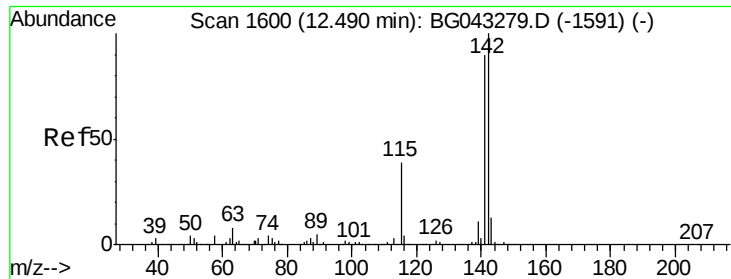
Ion Ratio Lower Upper

107 100

144 26.2 20.7 31.1

142 75.5 58.6 87.8





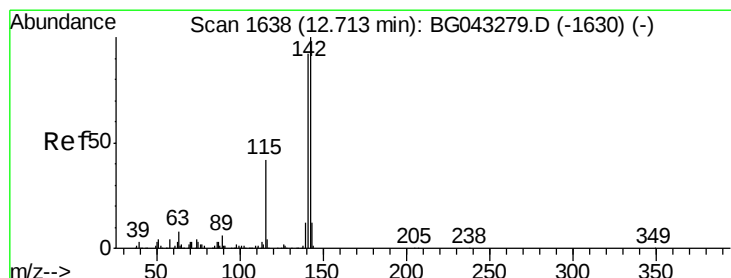
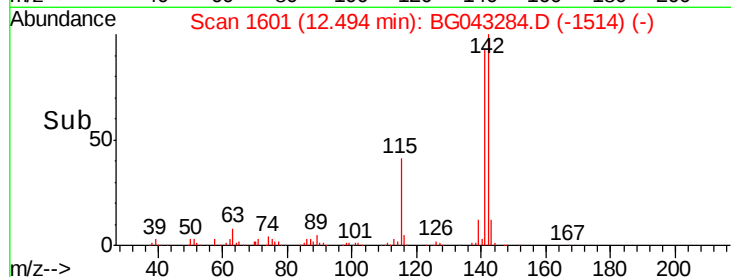
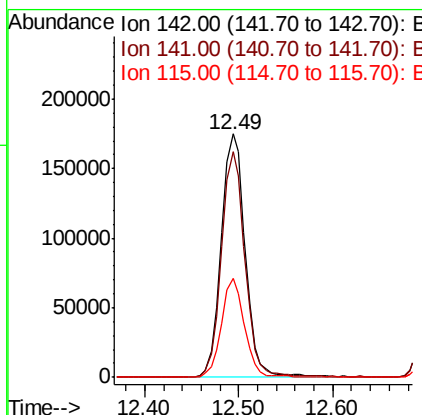
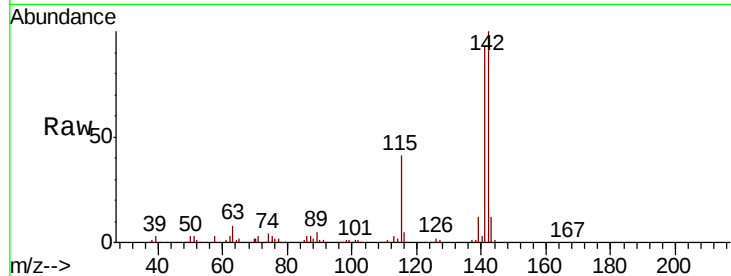
#37
2-Methylnaphthalene
Concen: 46.492 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	69.0	103.4
115	40.8	32.8	49.2

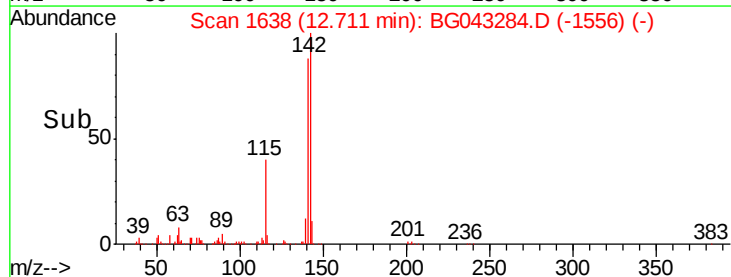
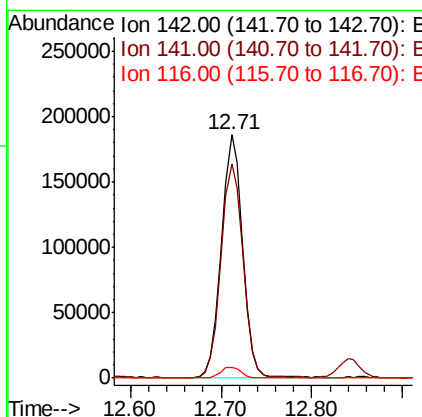
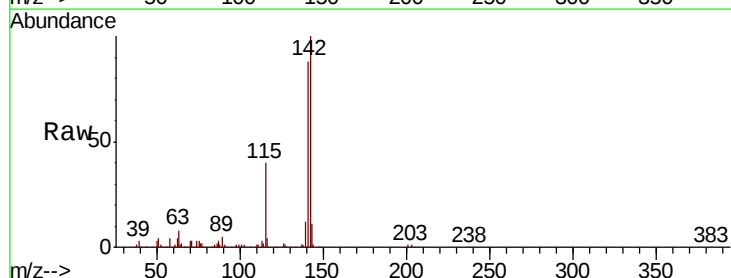
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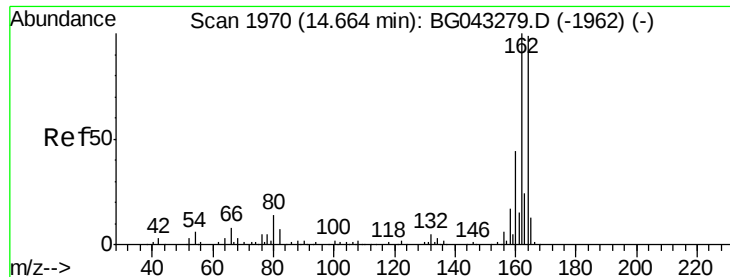
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#38
1-Methylnaphthalene
Concen: 47.691 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.9	112.3
116	4.4	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

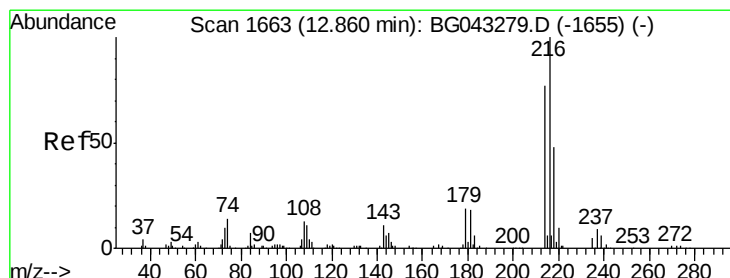
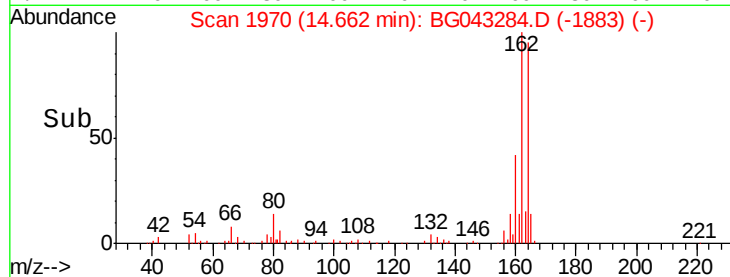
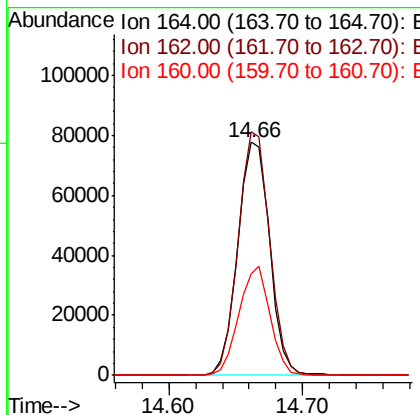
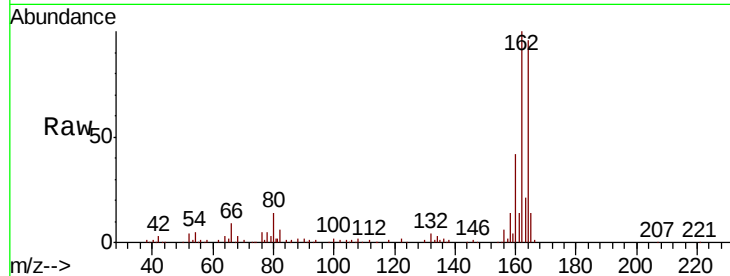
ClientSampleId :

PB124106BS

Tot Ion:	164	Resp:	128573
Ion Ratio	Lower	Upper	
164	100		
162	104.4	78.5	117.7
160	43.6	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.663 ng

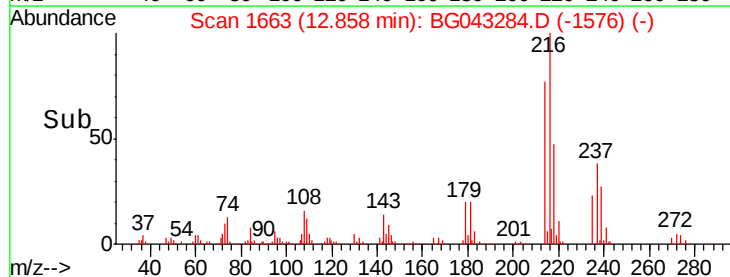
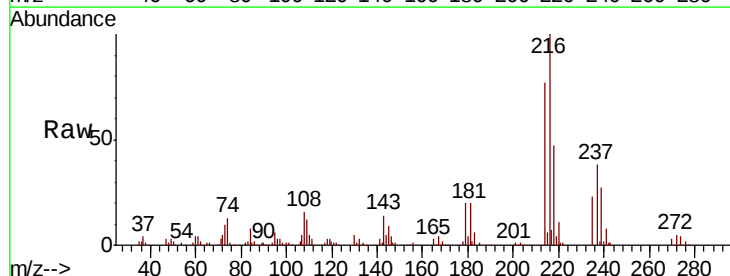
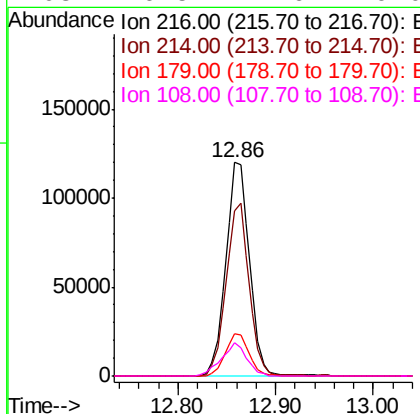
RT: 12.86 min Scan# 1663

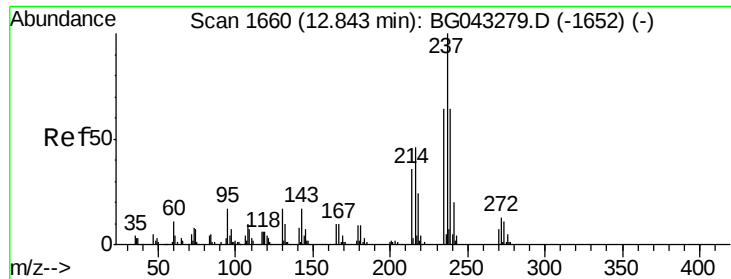
Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	216	Resp:	201408
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.4	93.6
179	19.8	15.4	23.2
108	16.5	12.6	19.0





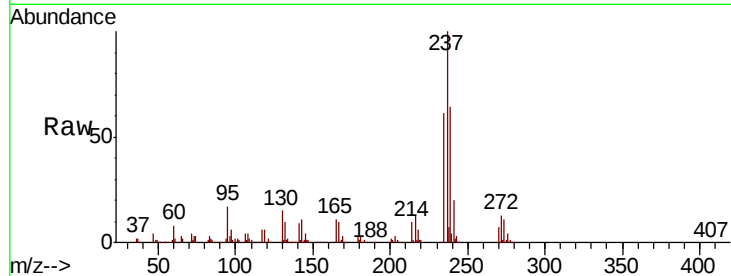
#41
Hexachlorocyclopentadiene
Concen: 78.555 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	241962		
235	60.7	46.7	86.7	
272	13.0	0.0	32.3	

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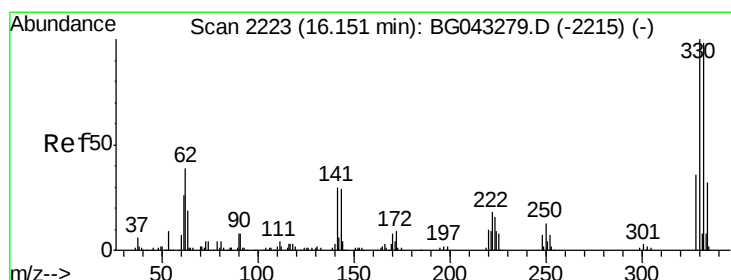
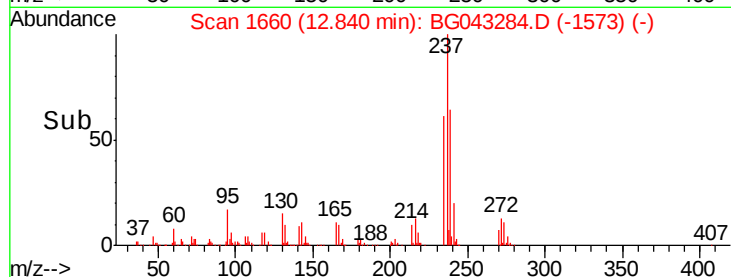
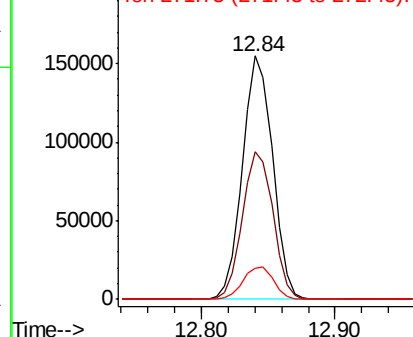


Abundance

Ion 236.80 (236.50 to 237.50): E

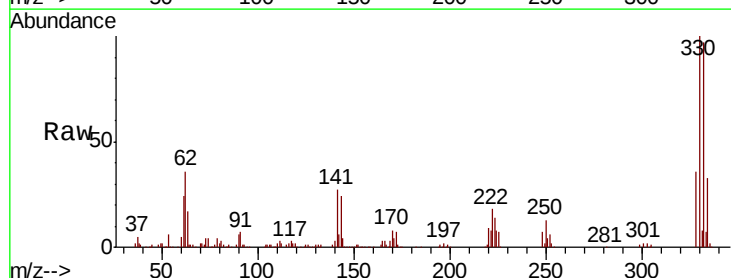
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 102.661 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	226973		
332	96.8	78.2	117.2	
141	27.8	26.0	39.0	

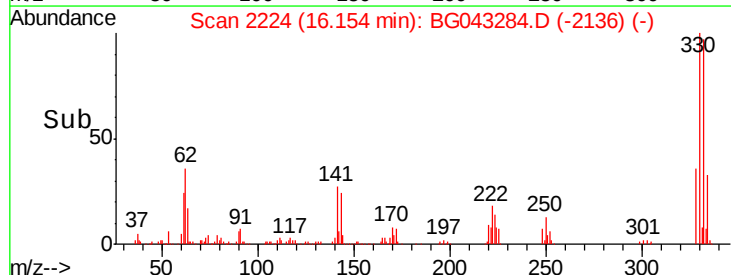
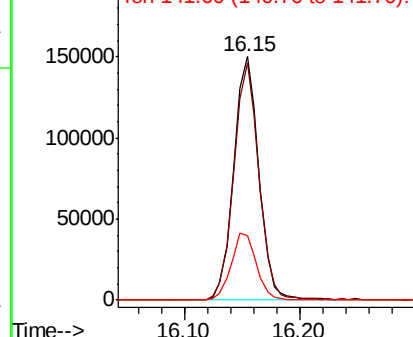


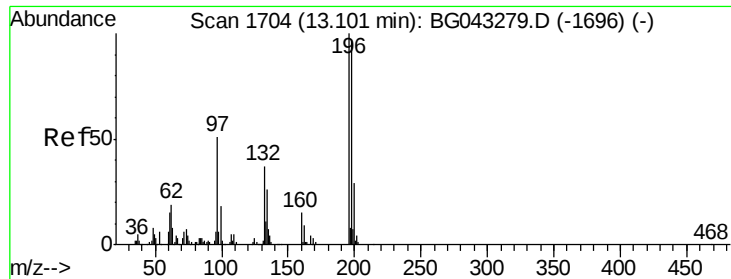
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





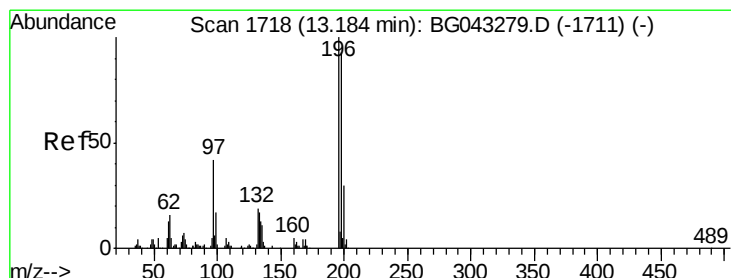
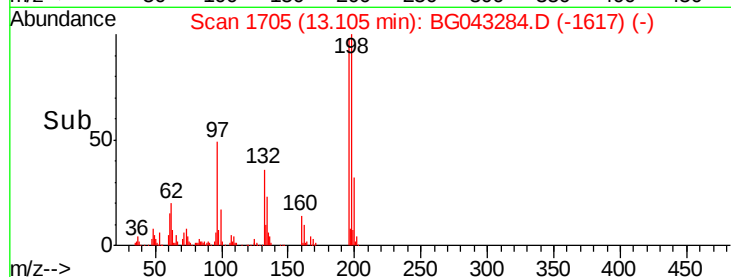
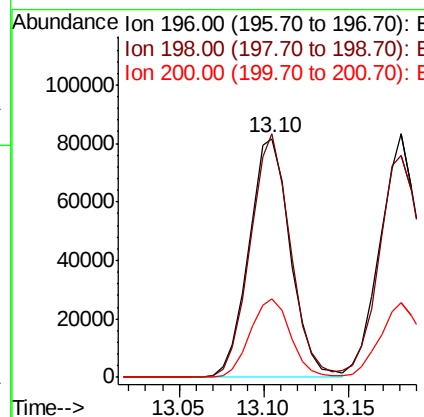
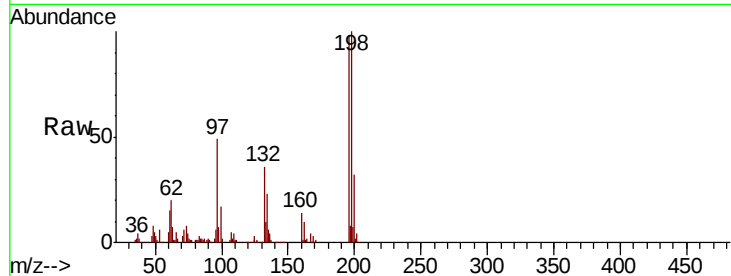
#43
 2,4,6-Trichlorophenol
 Concen: 49.459 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleID :
 PB124106BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139944		
198	101.8	75.5	113.3	
200	32.8	24.9	37.3	

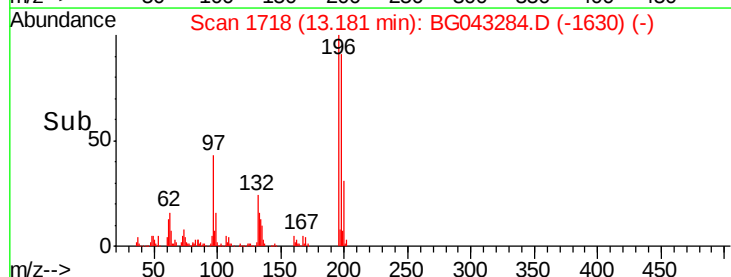
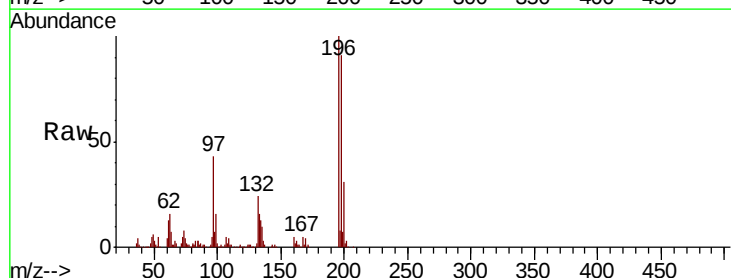
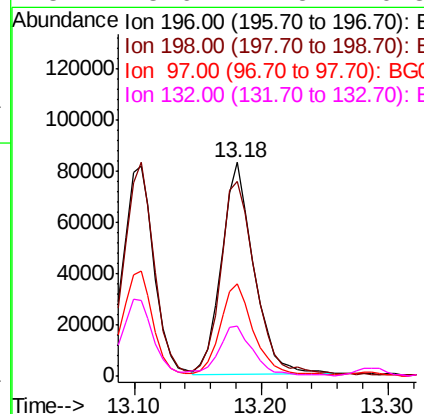
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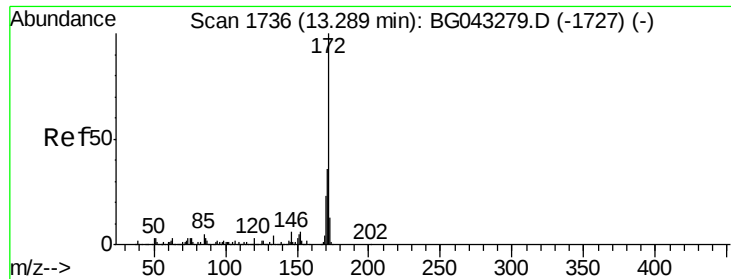
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#44
 2,4,5-Trichlorophenol
 Concen: 50.498 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	147194		
198	91.3	75.1	112.7	
97	42.9	37.0	55.4	
132	23.6	17.5	26.3	





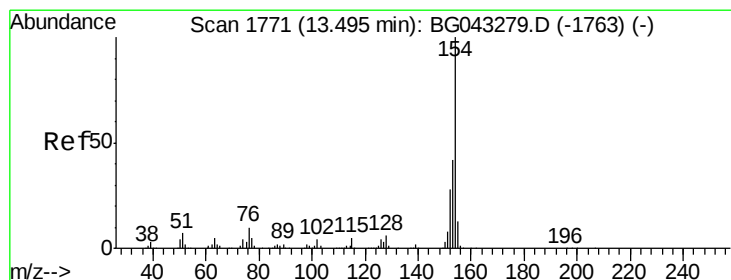
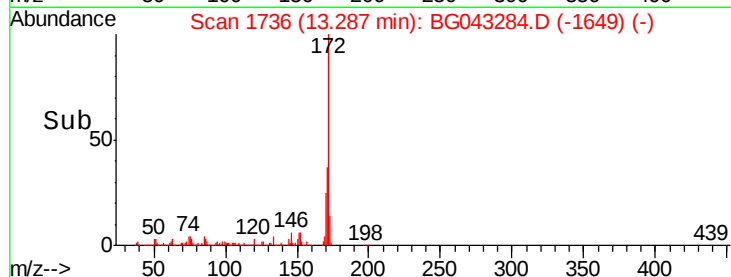
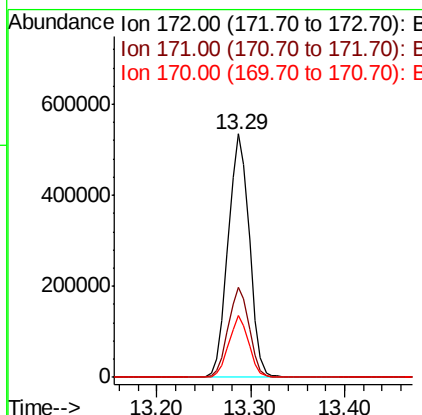
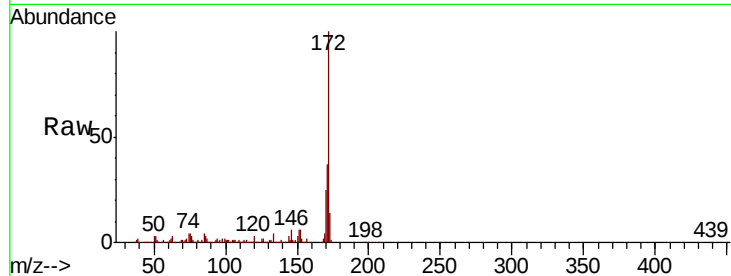
#45
2-Fluorobiphenyl
Concen: 95.178 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		844131		
171	37.0		29.6	44.4	
170	25.2		19.6	29.4	

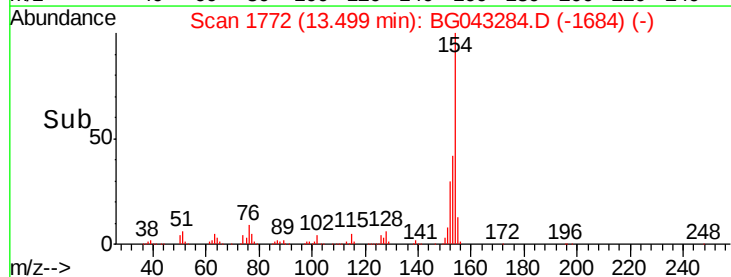
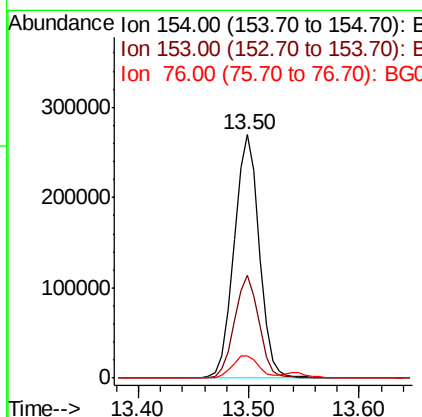
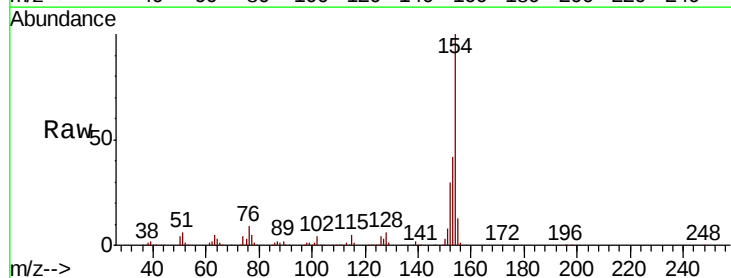
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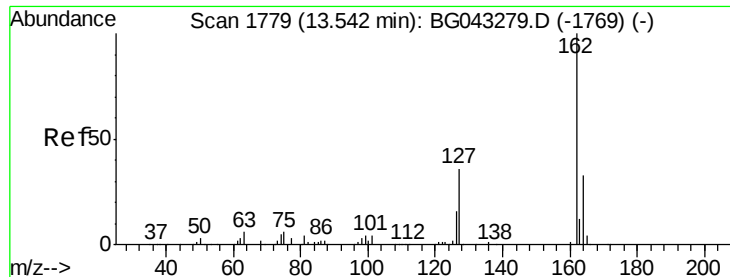
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#46
1,1'-Biphenyl
Concen: 44.274 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		431687		
153	42.3		21.4	61.4	
76	9.3		0.0	31.3	





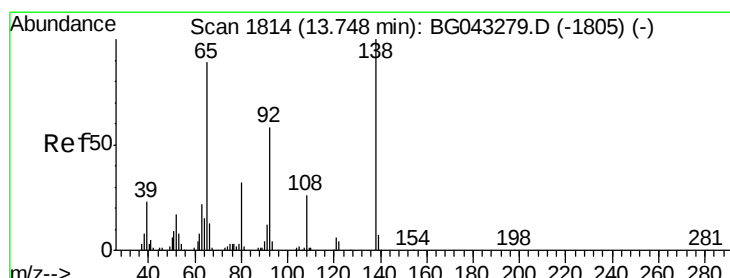
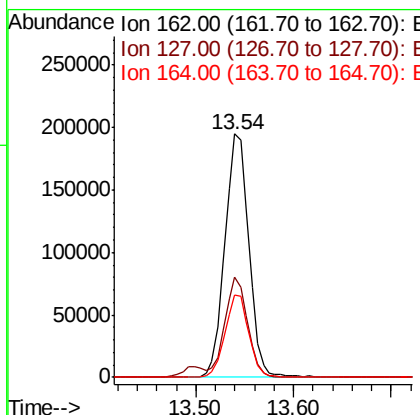
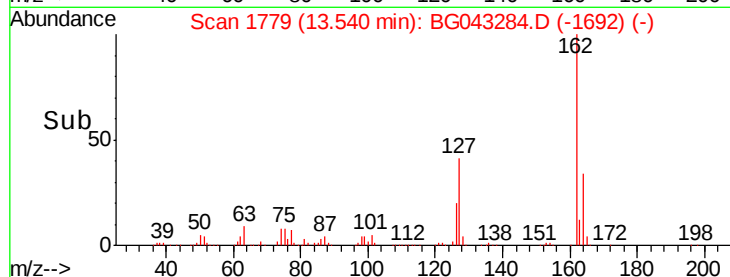
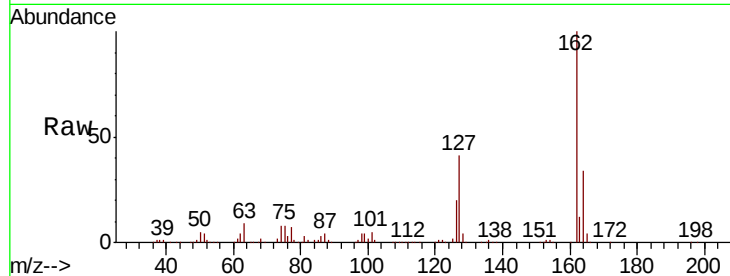
#47
2-Chloronaphthalene
Concen: 45.637 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleID :
PB124106BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.4	31.0	46.6		
164	33.6	26.2	39.2		

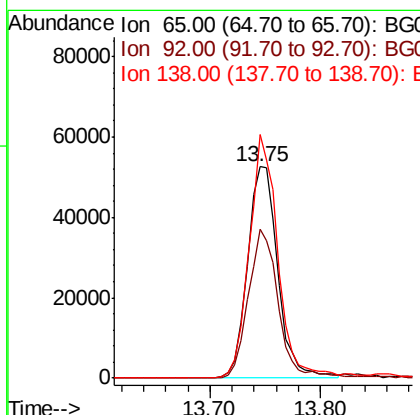
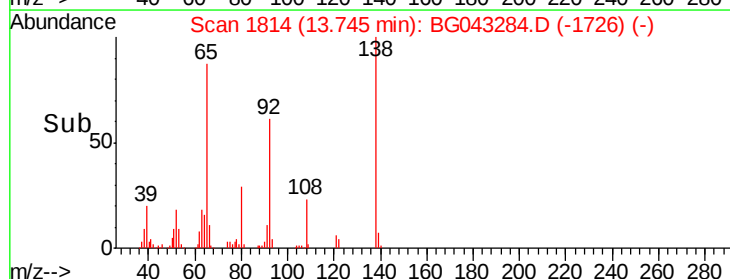
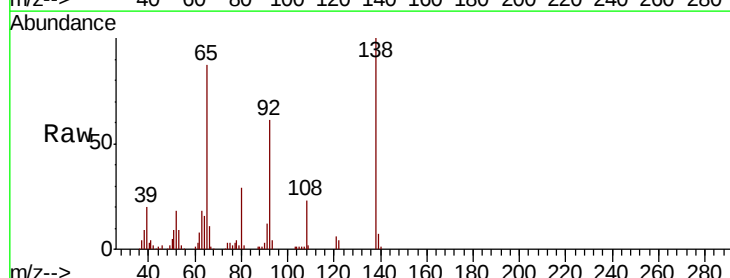
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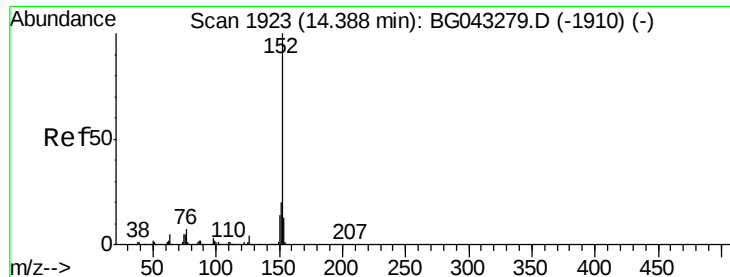
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#48
2-Nitroaniline
Concen: 41.766 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.3	52.0	78.0		
138	115.2	70.4	105.6		





#49

Acenaphthylene

Concen: 49.799 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

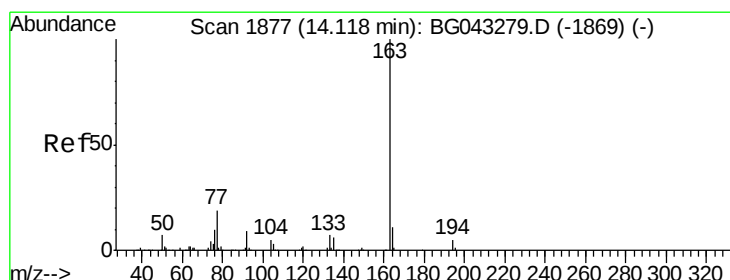
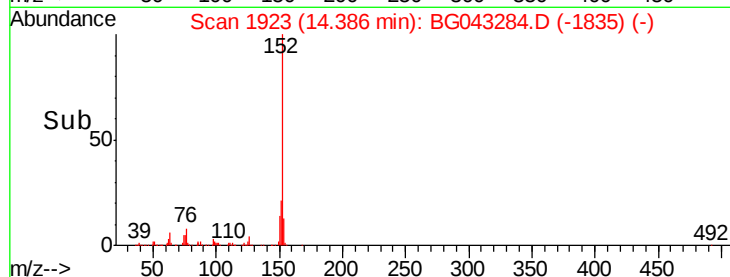
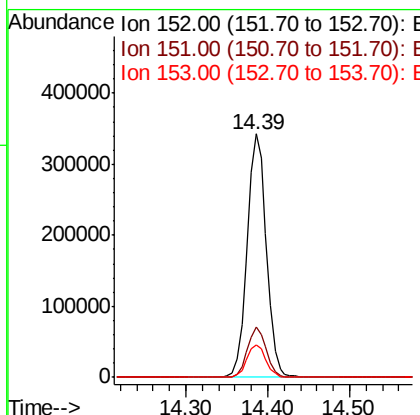
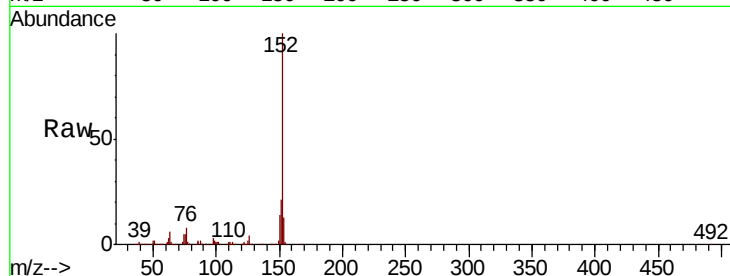
ClientSampleId :

PB124106BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		557039		
151	20.9	16.8	25.2		
153	13.2	11.3	16.9		

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#50

Dimethylphthalate

Concen: 48.225 ng

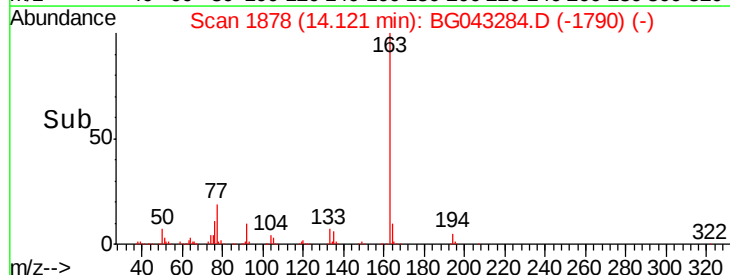
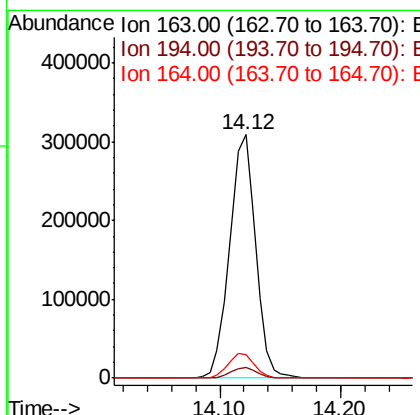
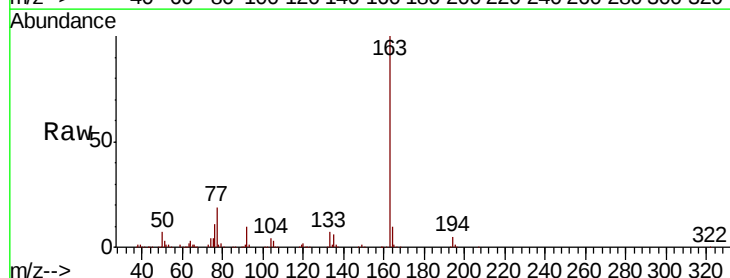
RT: 14.12 min Scan# 1878

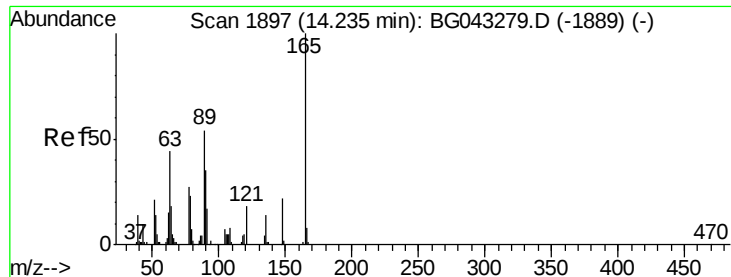
Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		464574		
194	4.6	4.4	6.6		
164	9.9	8.6	12.8		





#51

2,6-Dinitrotoluene

Concen: 51.270 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

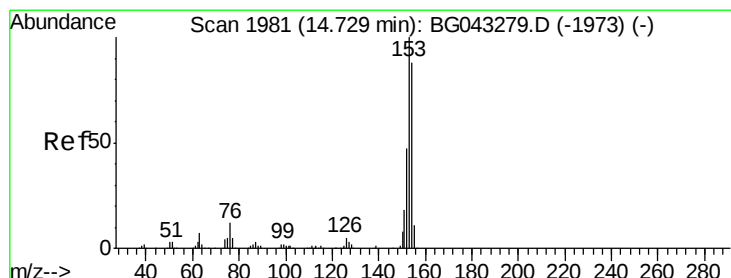
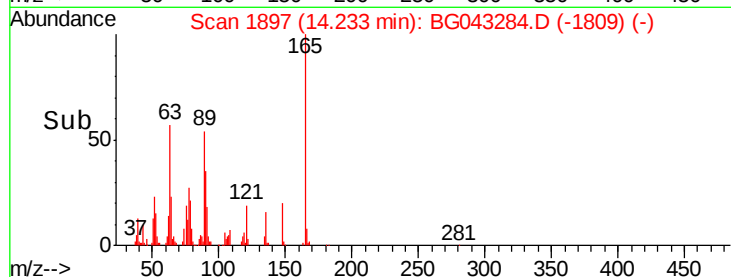
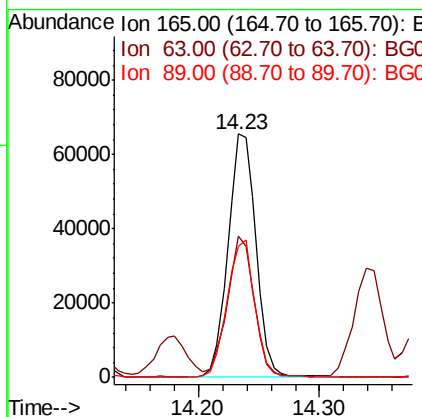
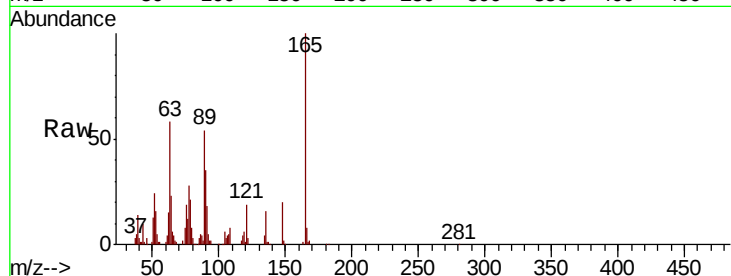
ClientSampleId :

PB124106BS

Tot Ion:	165	Resp:	105182
Ion Ratio	Lower	Upper	
165	100		
63	58.3	50.3	75.5
89	54.0	48.9	73.3

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#52

Acenaphthene

Concen: 44.290 ng

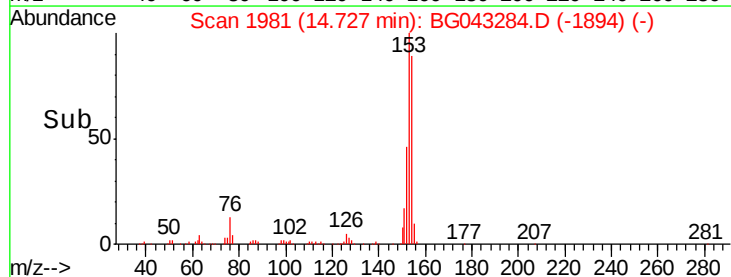
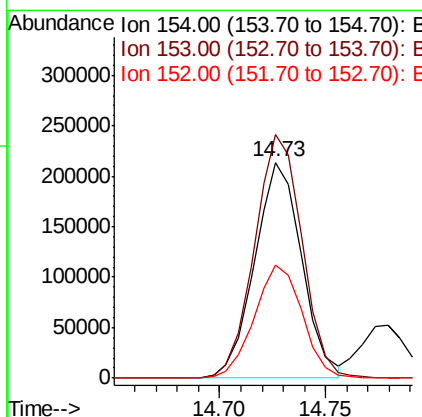
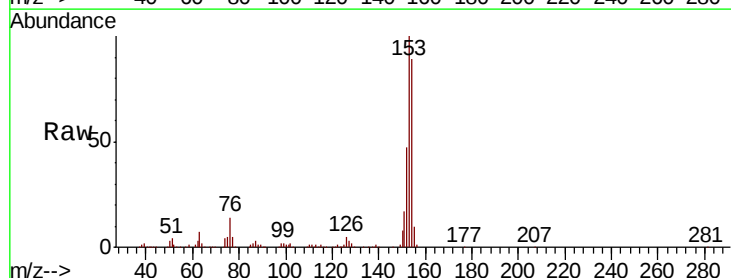
RT: 14.73 min Scan# 1981

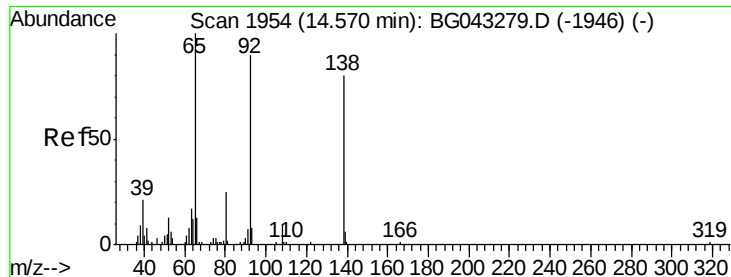
Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	154	Resp:	331605
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.4	137.0
152	52.5	42.8	64.2





#53

3-Nitroaniline

Concen: 16.627 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

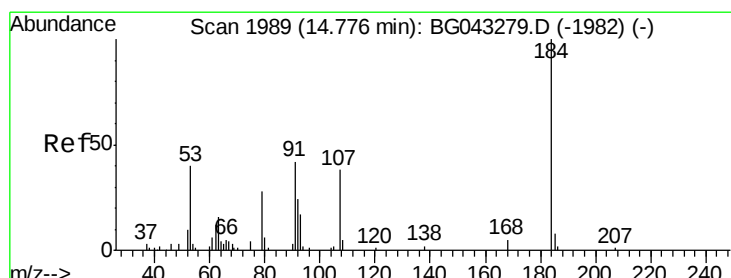
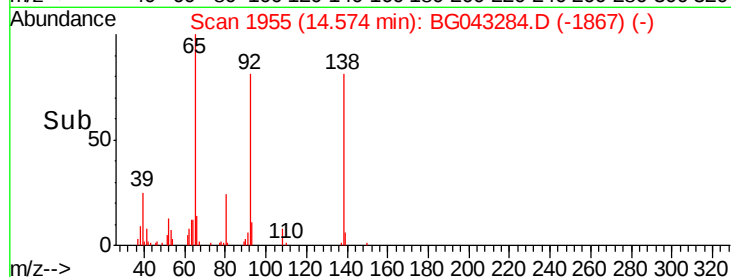
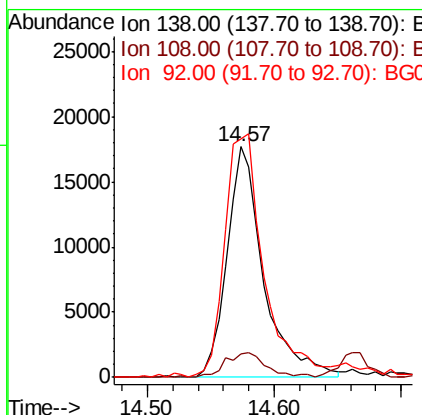
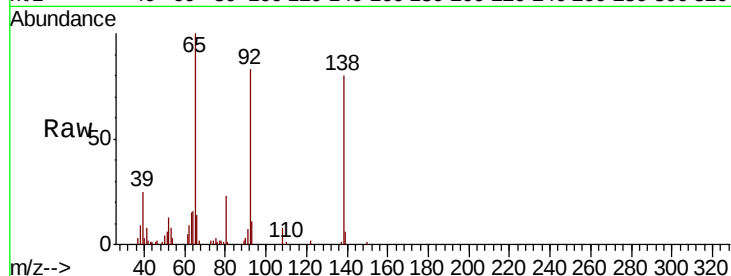
ClientSampleId :

PB124106BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	103.7	97.0	145.6

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#54

2,4-Dinitrophenol

Concen: 106.398 ng

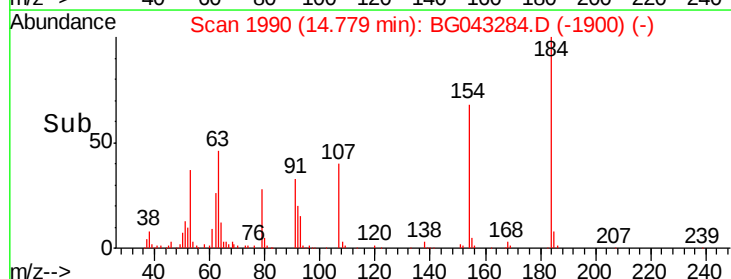
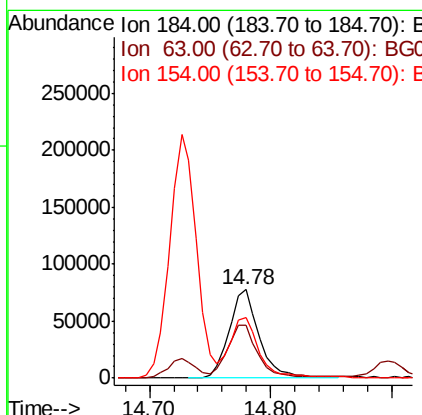
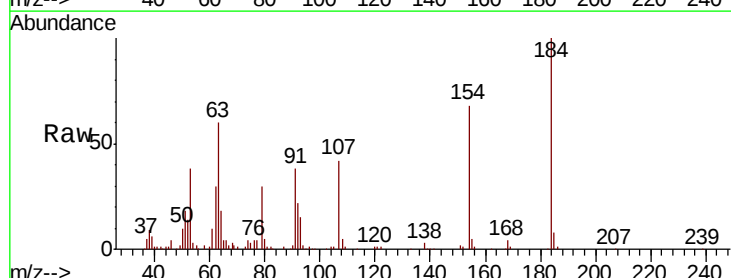
RT: 14.78 min Scan# 1990

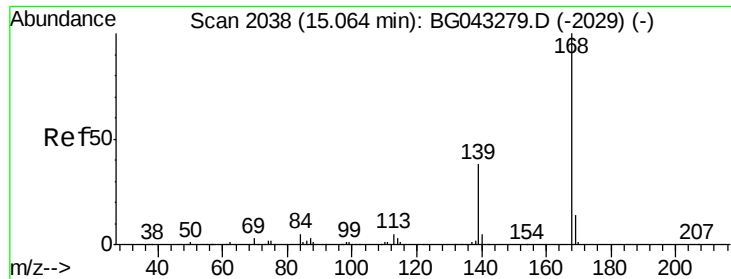
Delta R.T. -0.00 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	55.0	82.6
154	67.9	56.5	84.7





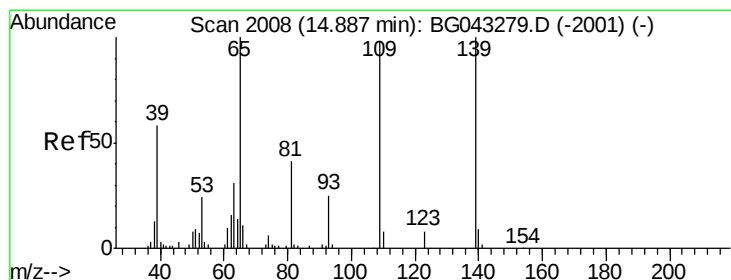
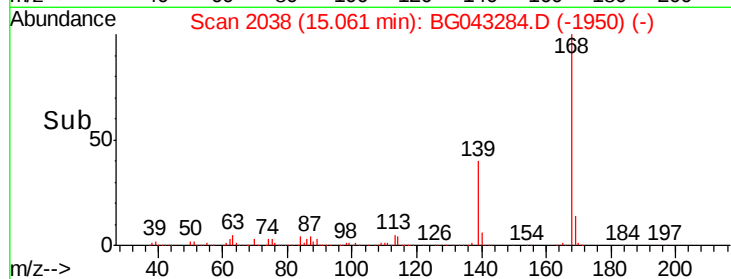
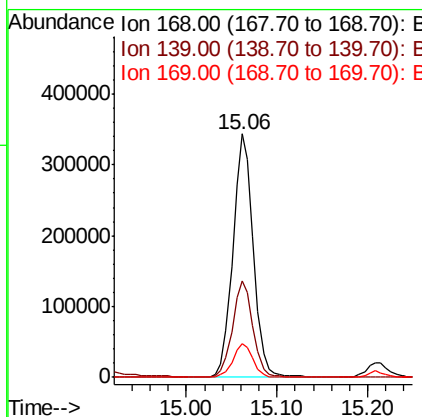
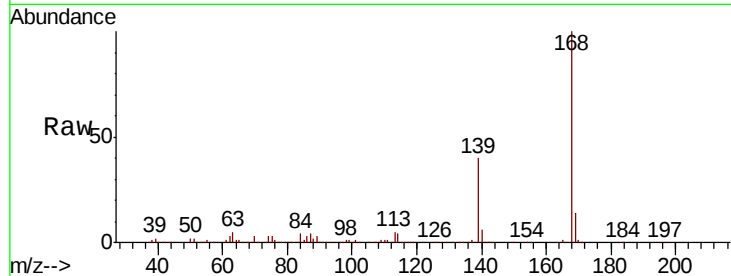
#55
Dibenzenofuran
Concen: 48.695 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.6	48.8
169	14.0	11.2	16.8

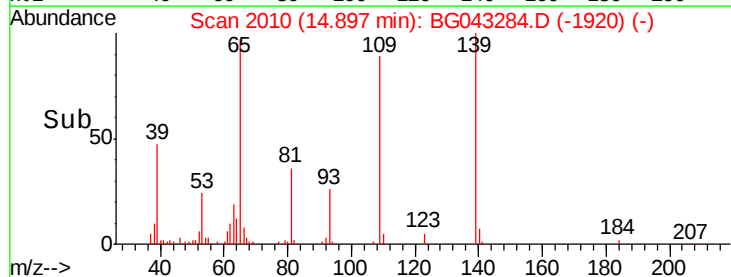
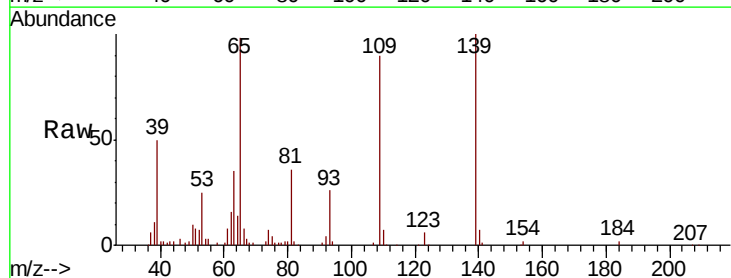
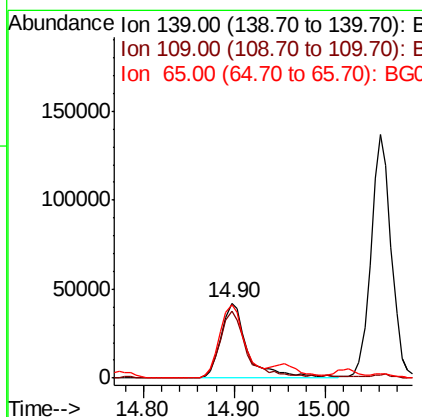
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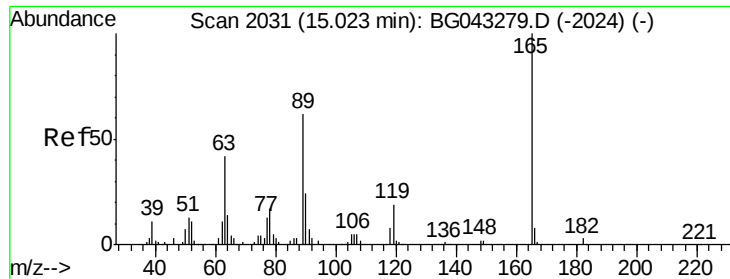
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#56
4-Nitrophenol
Concen: 53.755 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.5	79.4	119.4
65	98.3	92.5	132.5





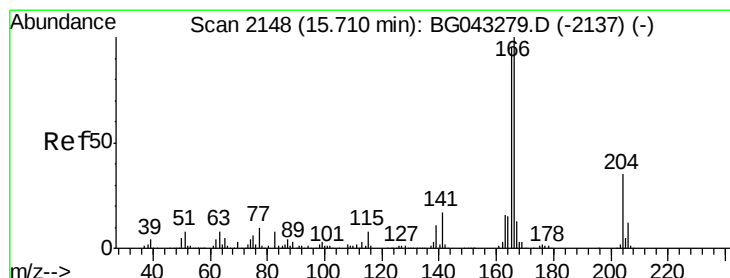
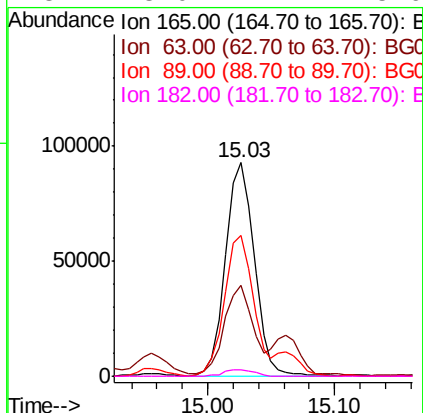
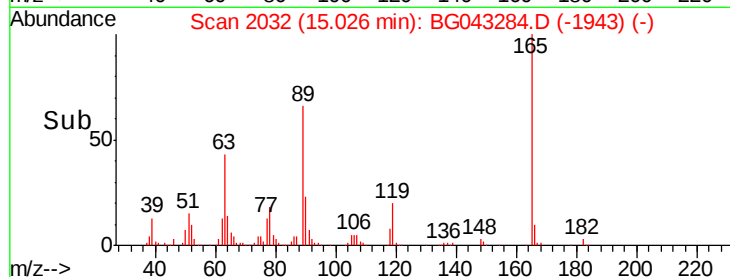
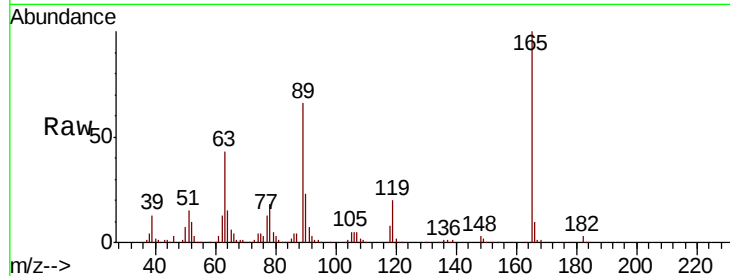
#57
2,4-Dinitrotoluene
Concen: 48.991 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.5	36.5	54.7
89	65.9	55.5	83.3
182	3.0	2.4	3.6

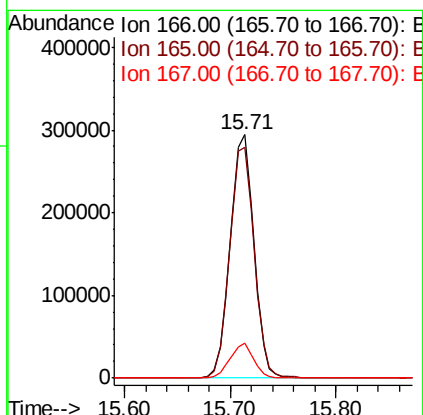
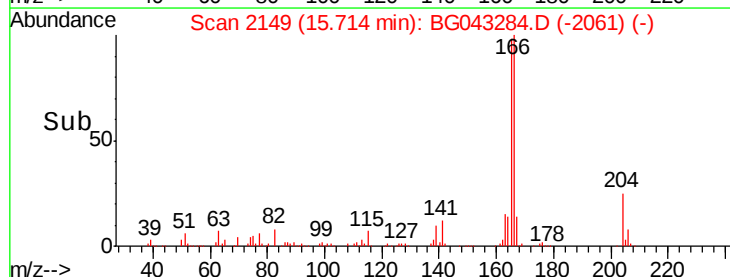
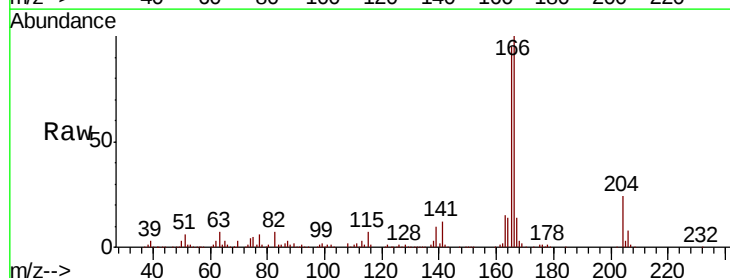
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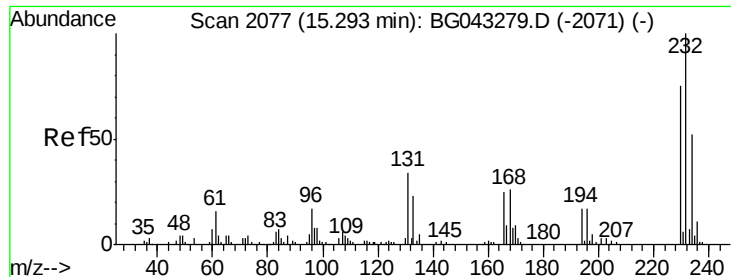
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#58
Fluorene
Concen: 48.260 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	95.0	77.1	115.7
167	14.3	11.0	16.6





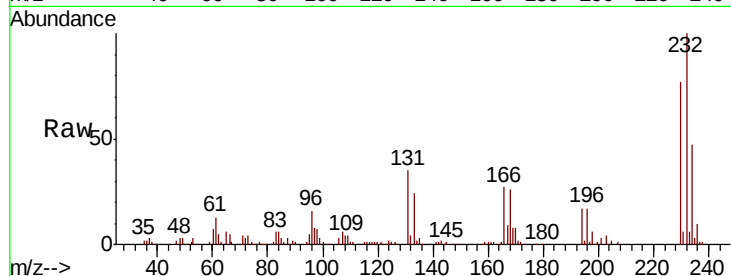
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.987 ng/ml
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleID :
 PB124106BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	155138		
131	32.3	29.6	44.4	
130	2.0	1.9	2.9	
166	21.2	21.8	32.8	

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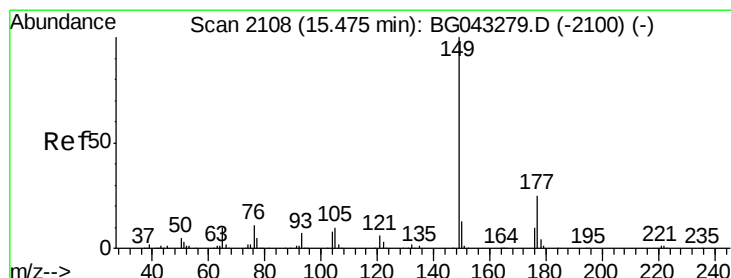
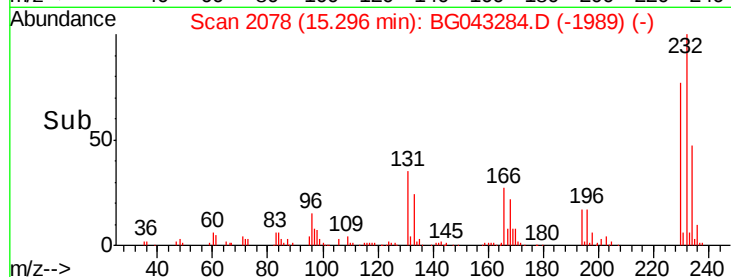
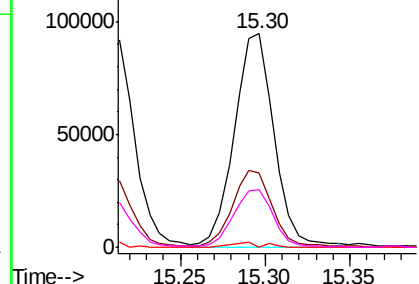
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

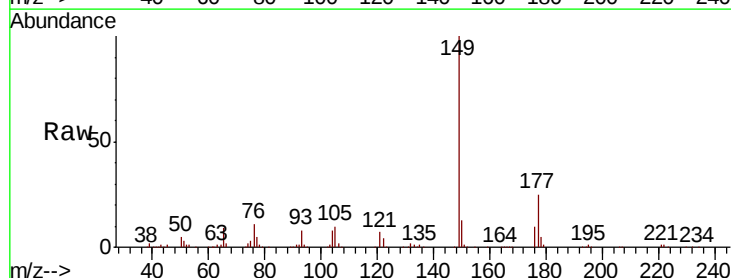
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.747 ng/ml
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	458310		
177	25.2	18.8	28.2	
150	12.9	10.6	15.8	

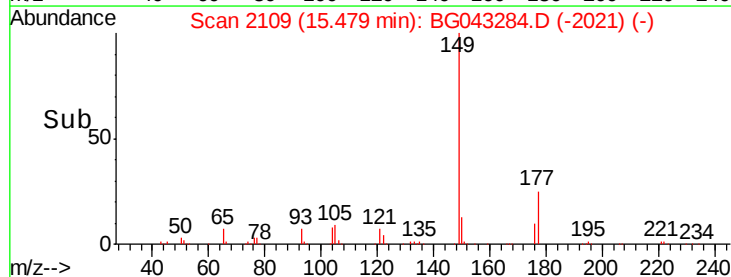
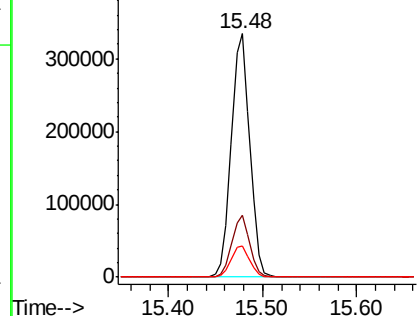


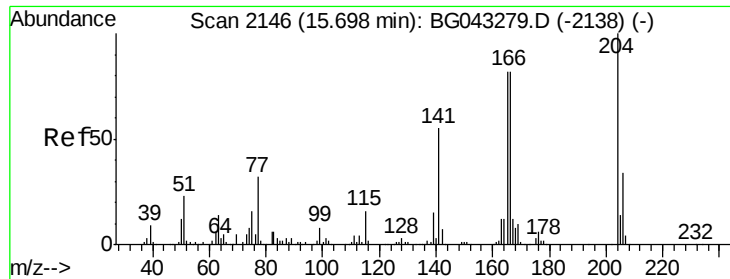
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





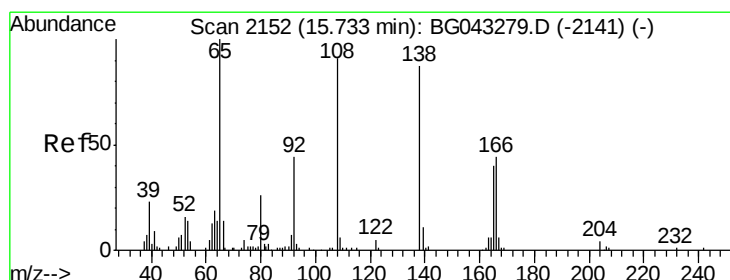
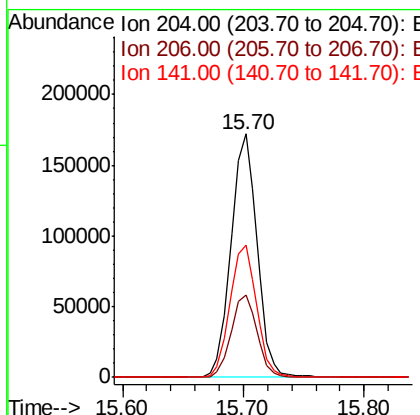
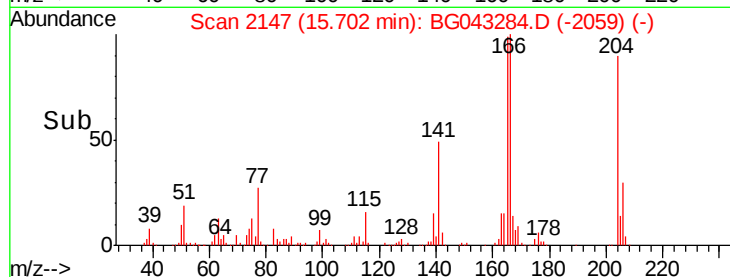
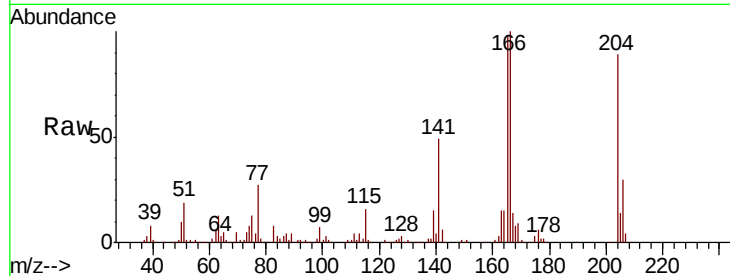
#61
4-Chlorophenyl-phenylether
Concen: 45.794 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.5	42.7
141	54.5	42.4	63.6

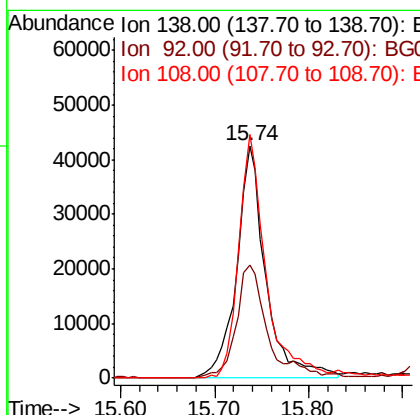
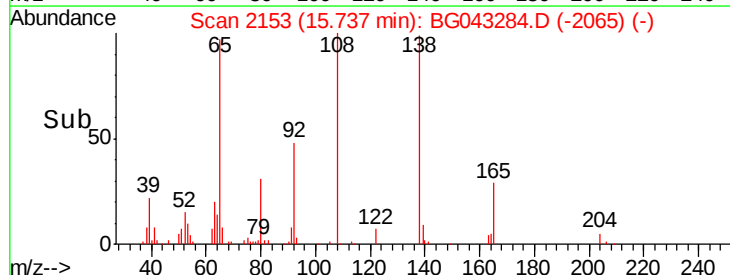
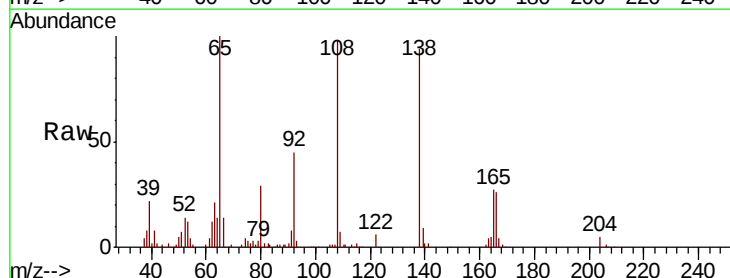
Manual Integrations
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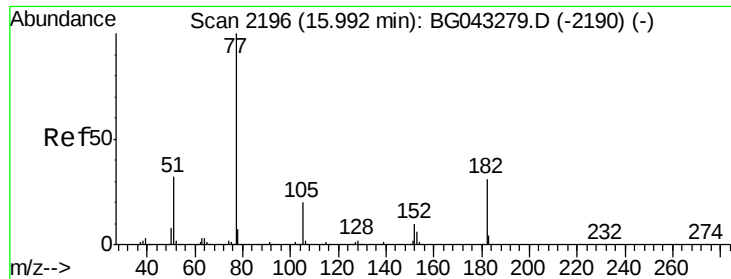
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#62
4-Nitroaniline
Concen: 39.494 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	32.9	72.9
108	104.8	81.3	121.3





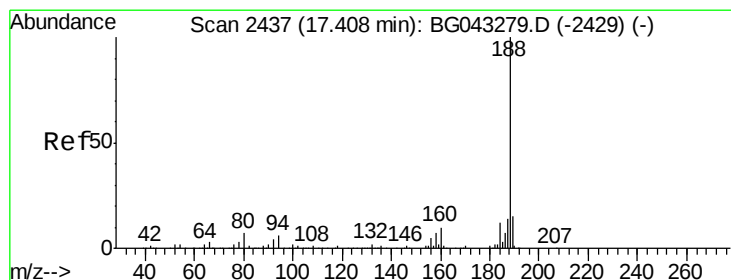
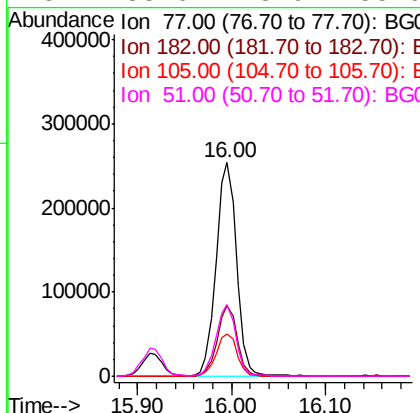
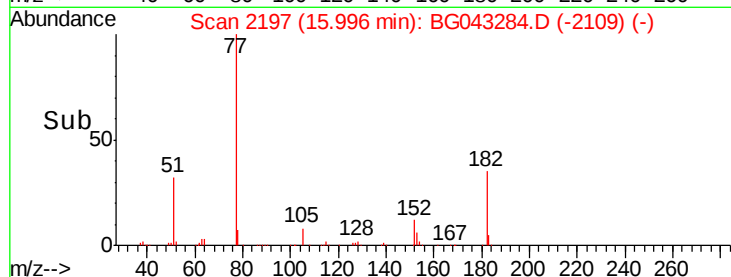
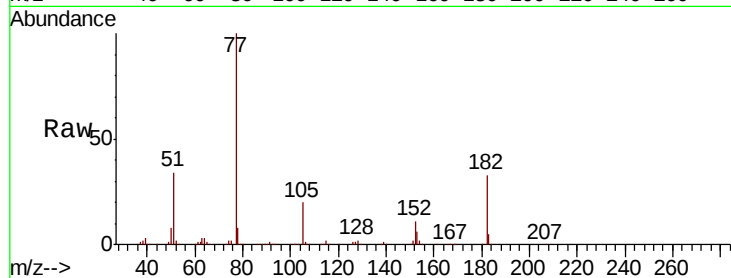
#63
Azobenzene
Concen: 43.340 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.1	10.2	50.2
105	19.8	0.0	39.1
51	33.6	13.9	53.9

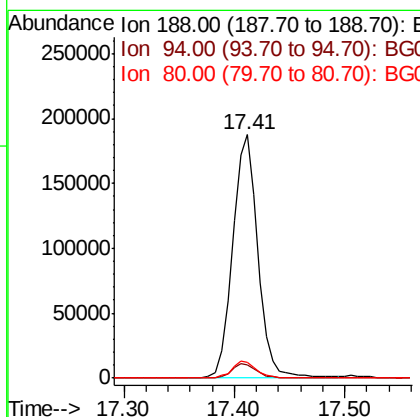
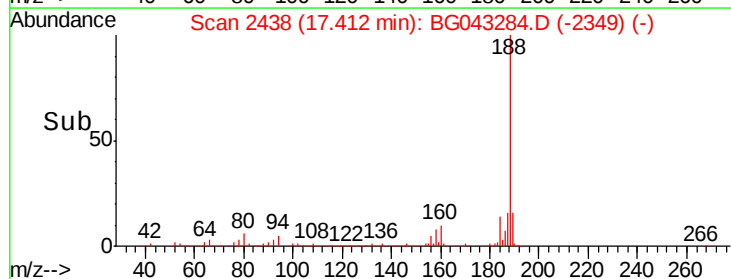
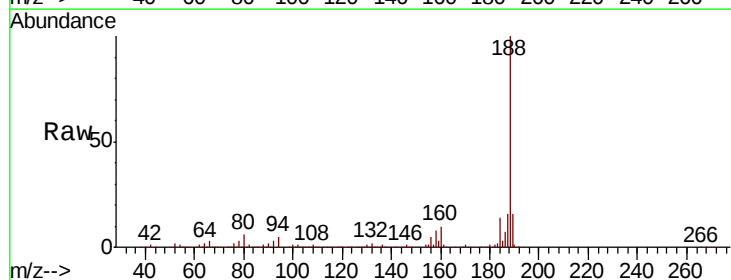
Manual Integrations
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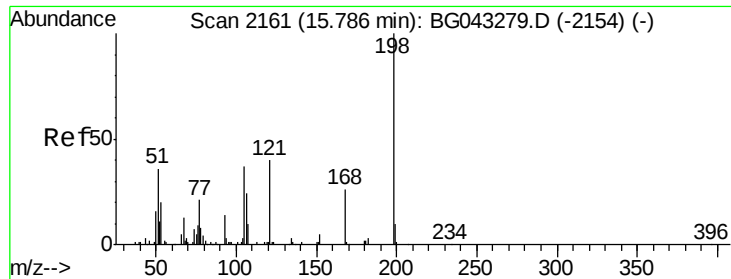
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	6.3	6.5	9.7#





#65

4,6-Dinitro-2-methylphenol

Concen: 58.113 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

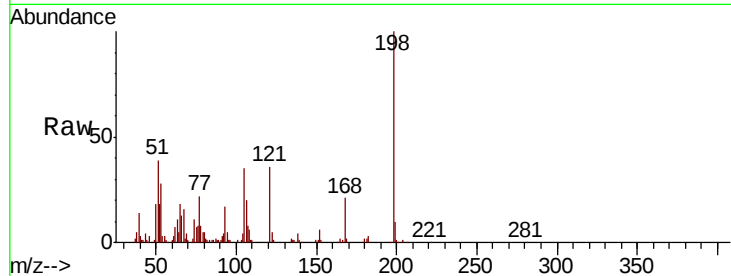
ClientSampleId :

PB124106BS

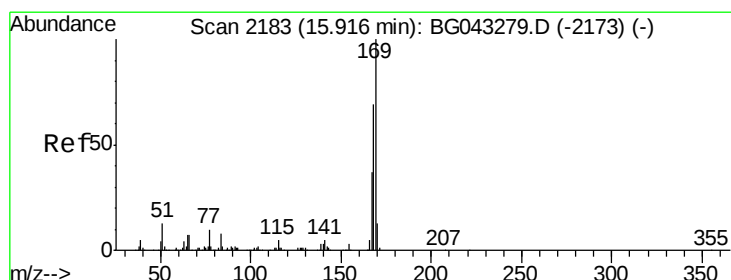
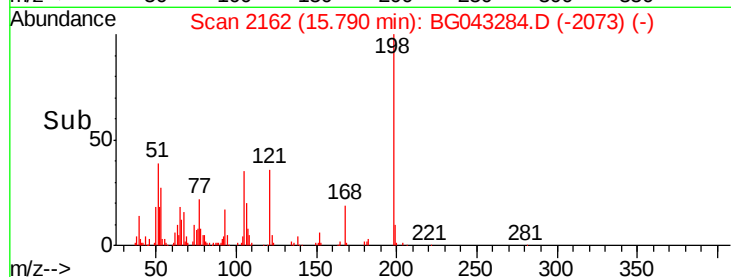
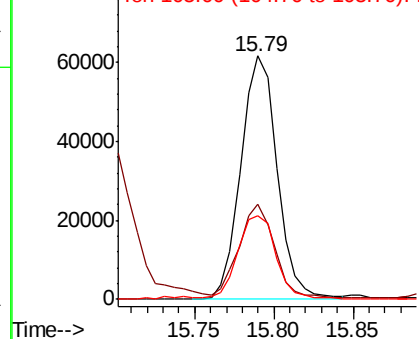
Tot Ion:	198	Resp:	98326
Ion Ratio	Lower	Upper	
198	100		
51	39.1	25.3	65.3
105	34.5	16.6	56.6

Manual Integrations
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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: 49.464 ng

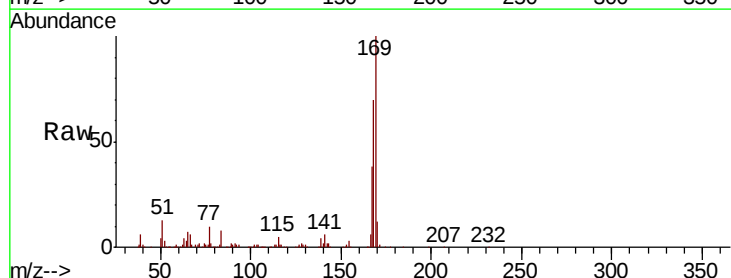
RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

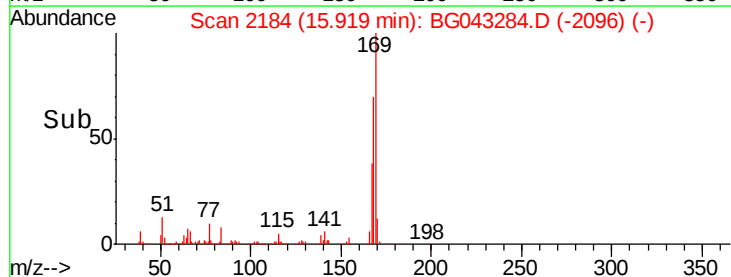
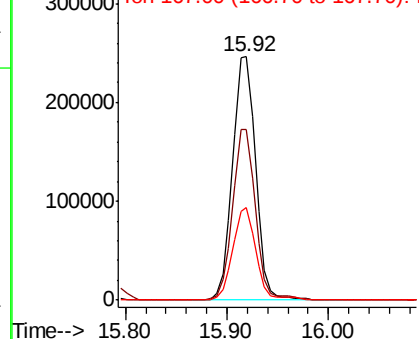
Lab File: BG043284.D

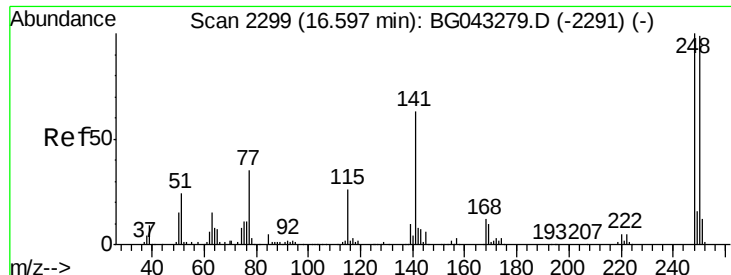
Acq: 18 Oct 2019 20:40

Tgt Ion:	169	Resp:	390438
Ion Ratio	Lower	Upper	
169	100		
168	70.3	54.8	82.2
167	37.9	30.6	46.0



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





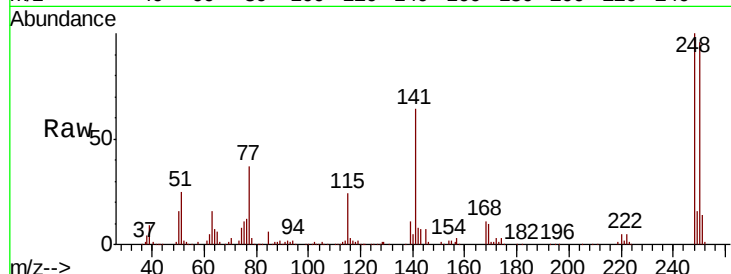
#67
4-Bromophenyl-phenylether
Concen: 49.340 ng
RT: 16.59 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	75.8	113.8
141	63.6	51.1	76.7

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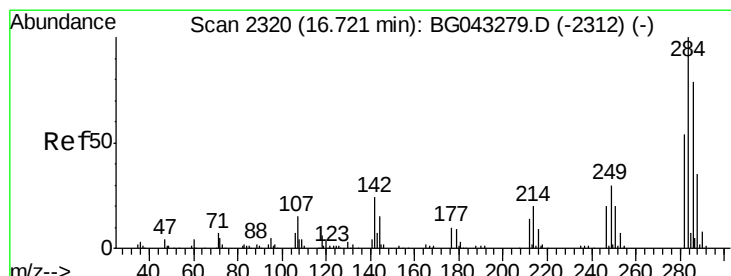
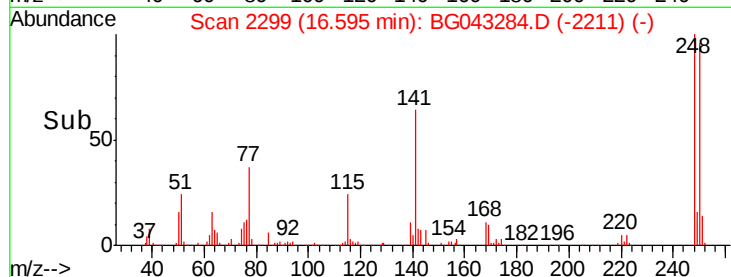
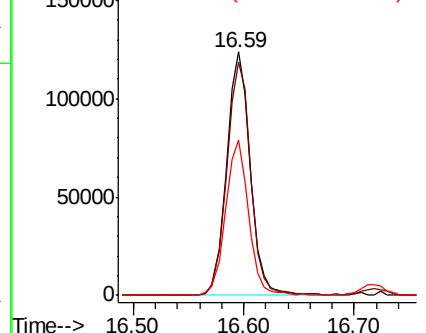


Abundance

Ion 248.00 (247.70 to 248.70): E

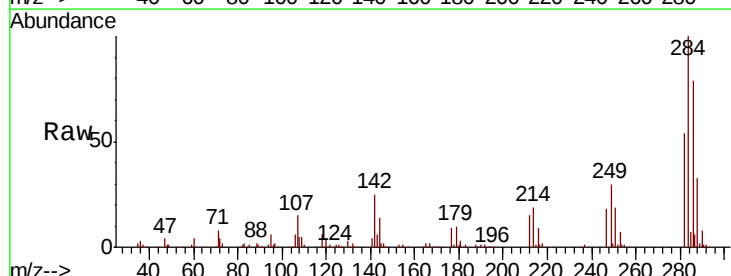
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.905 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	21.6	32.4
249	29.8	24.1	36.1

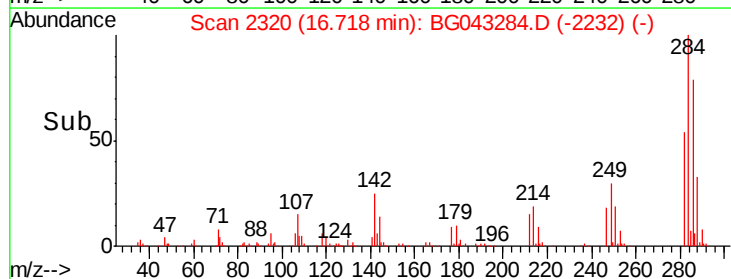
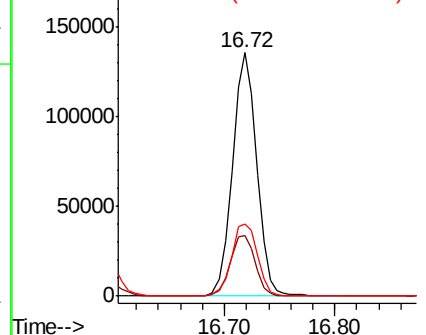


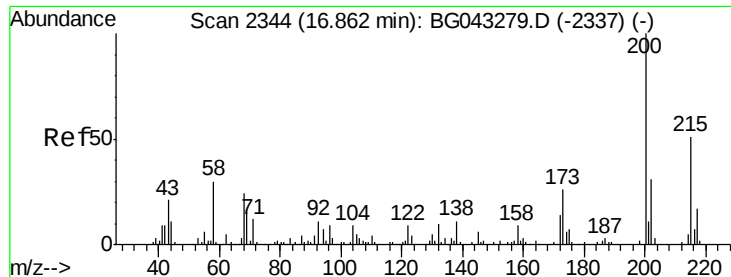
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





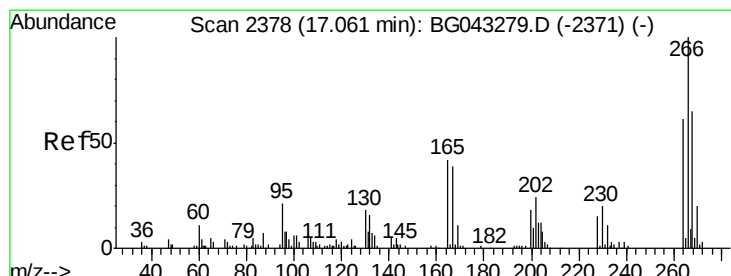
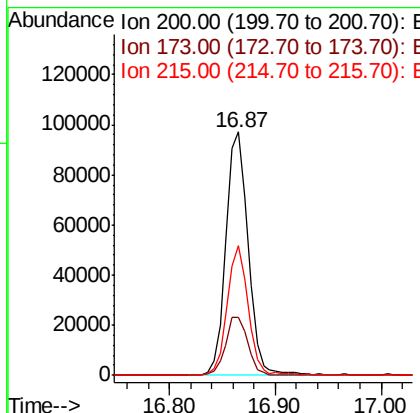
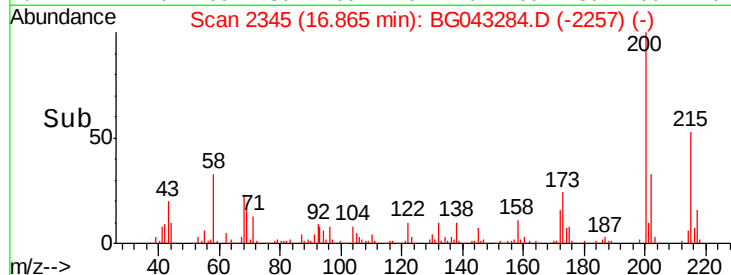
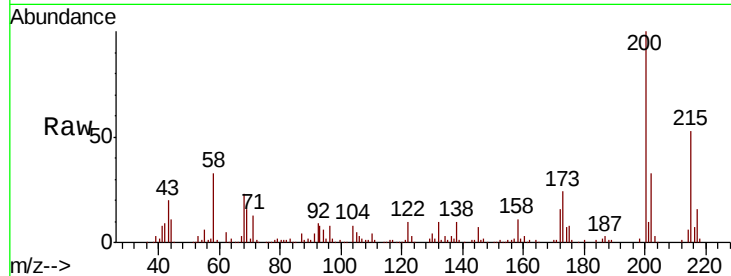
#69
 Atrazine
 Concen: 42.597 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.9	4.0	44.0
215	53.4	27.4	67.4

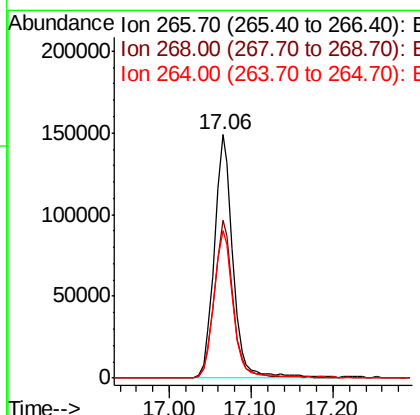
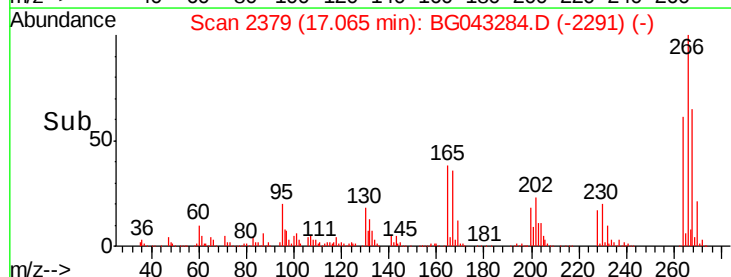
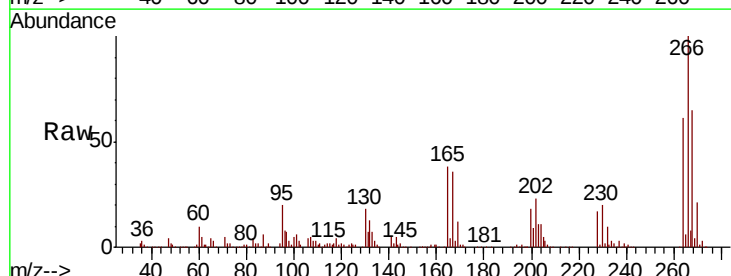
Manual Integrations
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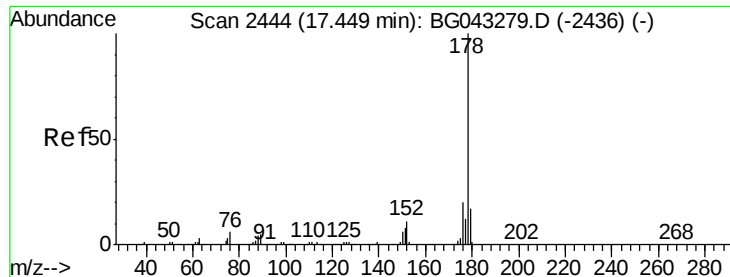
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#70
 Pentachlorophenol
 Concen: 99.129 ng
 RT: 17.06 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	52.2	78.2
264	60.8	50.7	76.1





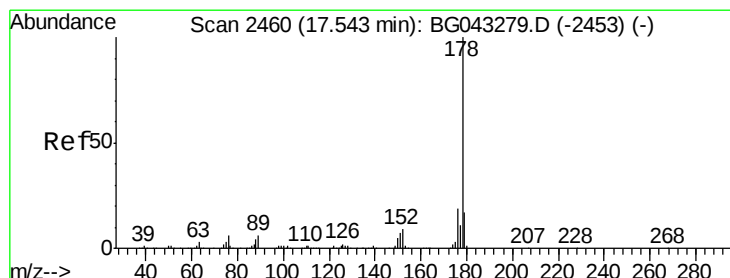
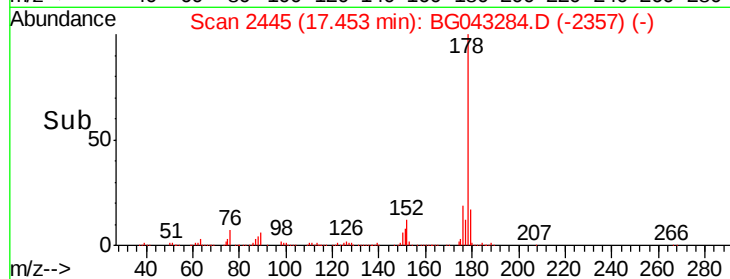
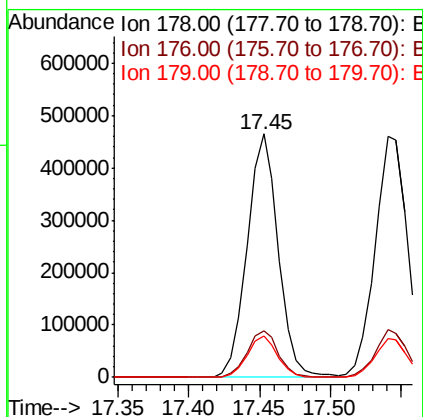
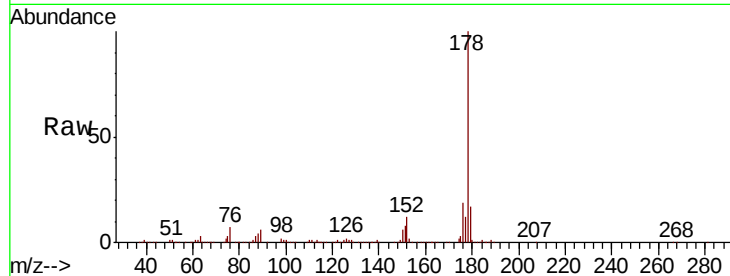
#71
Phenanthrene
Concen: 49.193 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	17.2	14.1	21.1

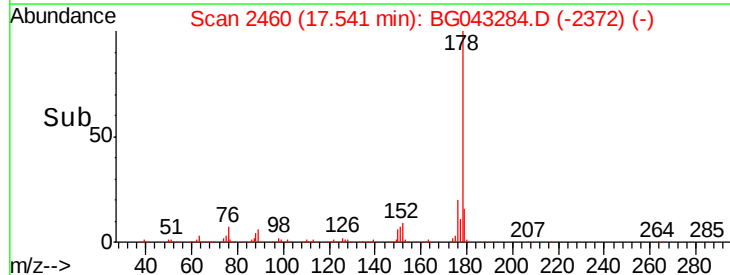
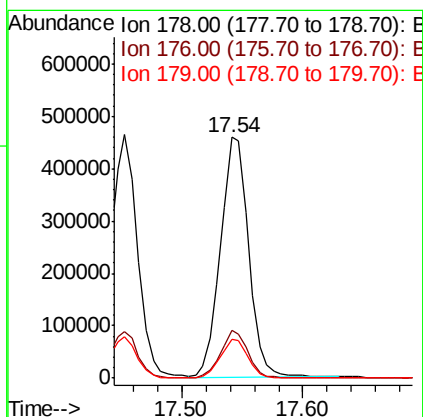
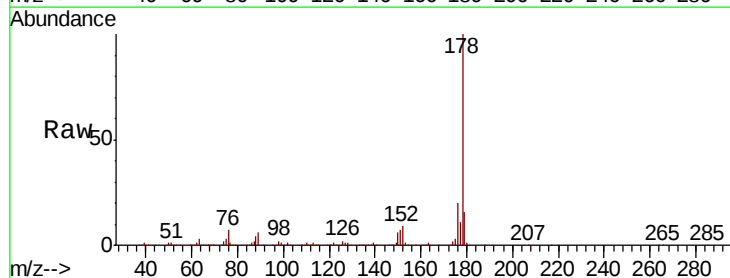
Manual Integrations
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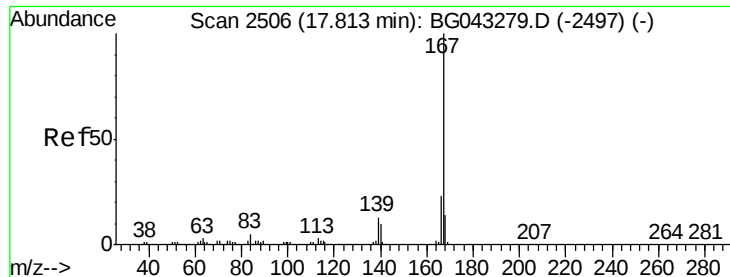
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#72
Anthracene
Concen: 50.888 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	16.2	13.5	20.3





#73

Carbazole

Concen: 48.487 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

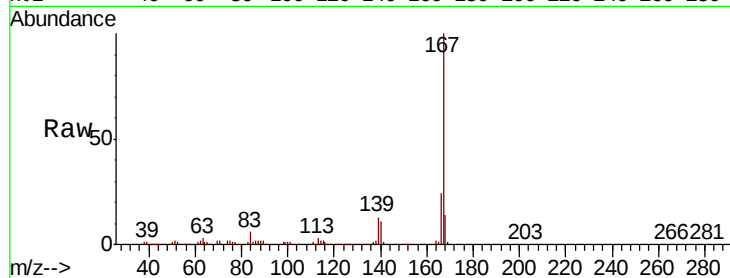
ClientSampleId :

PB124106BS

Tot Ion:	167	Resp:	655252
Ion Ratio		Lower	Upper
167	100		
166	23.5	18.6	28.0
139	12.5	10.8	16.2

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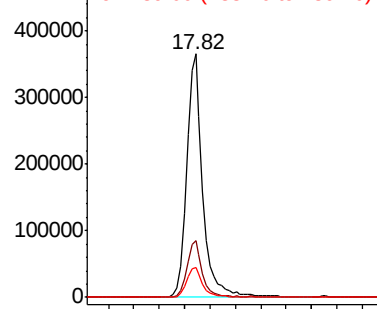


Abundance

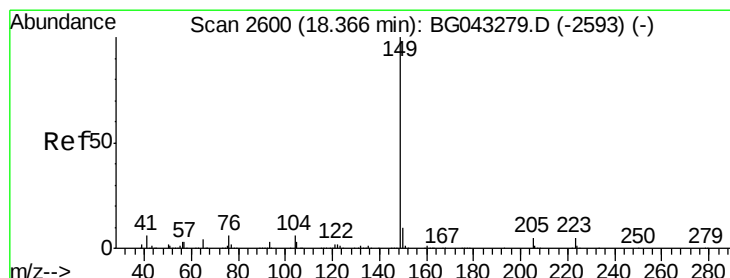
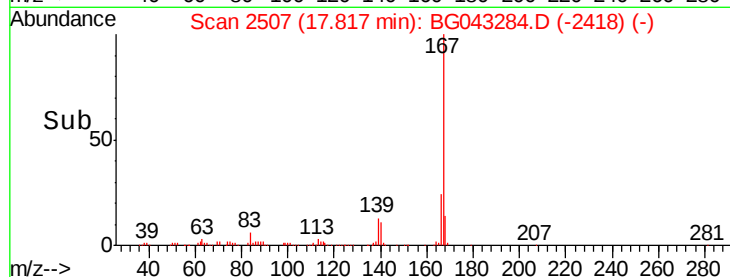
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 48.713 ng

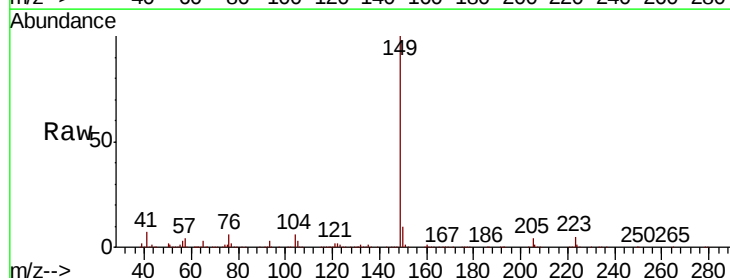
RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	149	Resp:	785442
Ion Ratio		Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.8	5.0	7.6

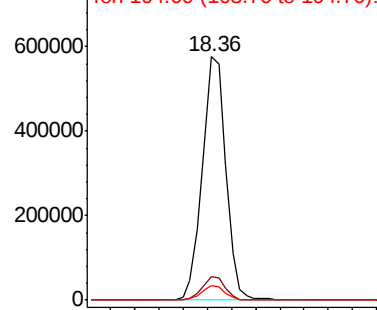


Abundance

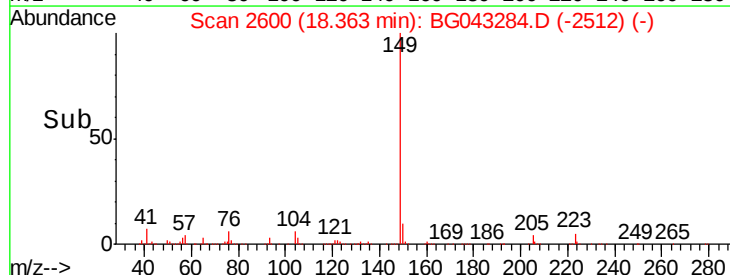
Ion 149.00 (148.70 to 149.70): E

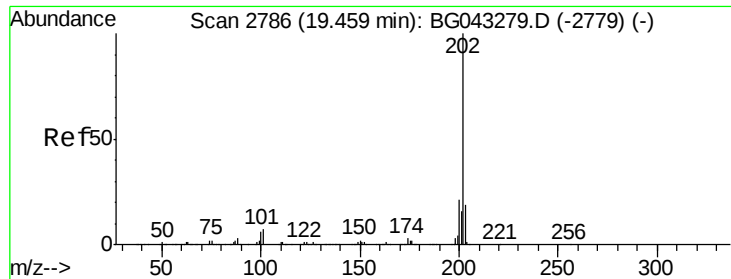
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





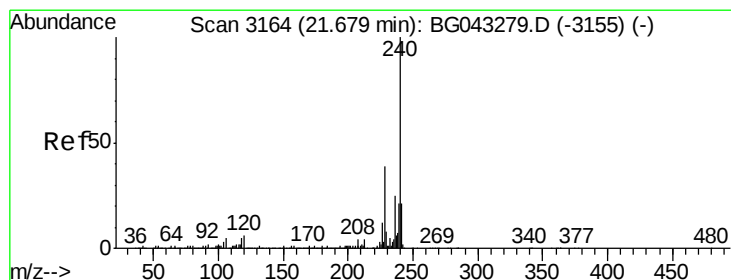
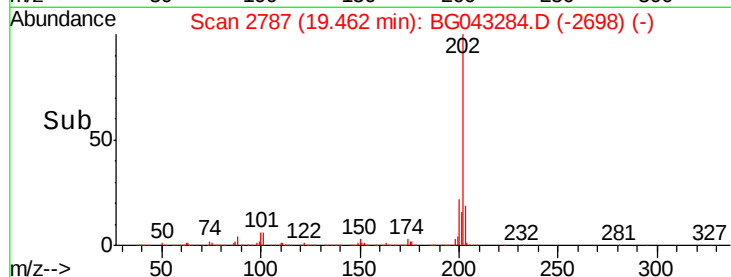
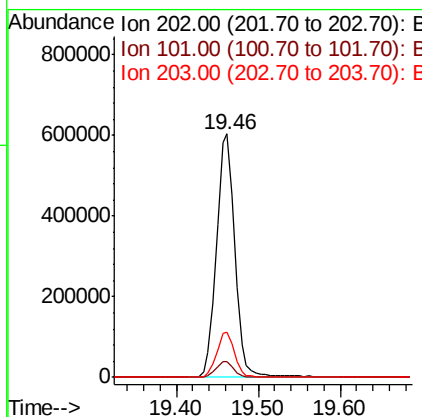
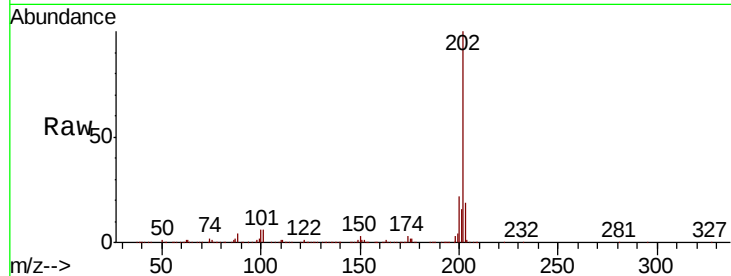
#75
 Fluoranthene
 Concen: 48.966 ng
 RT: 19.46 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	0.0	27.3
203	18.5	0.0	39.5

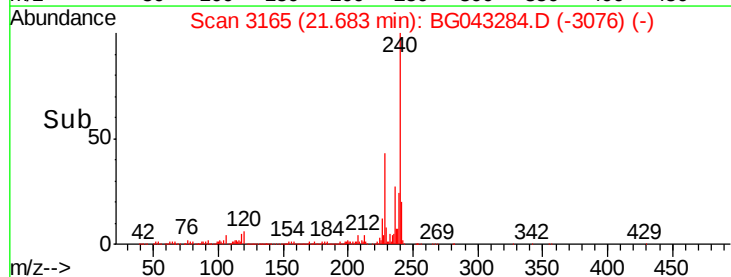
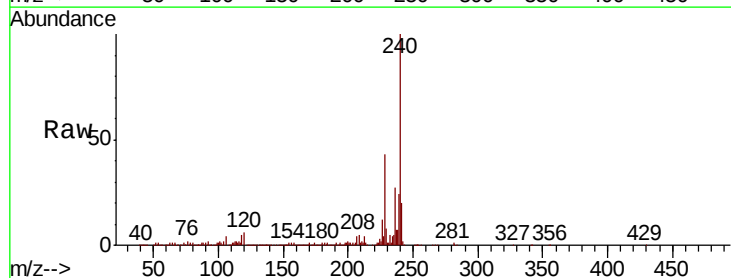
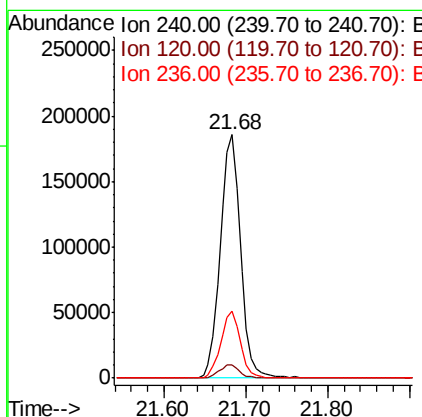
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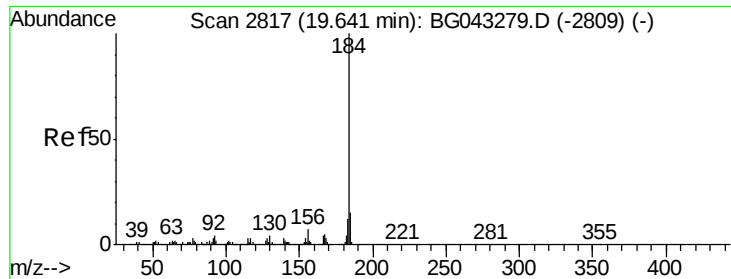
mohammad
 10/20/2019 8:15:11 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.5	4.8	7.2
236	27.4	21.4	32.0





#77

Benzidine

Concen: 6.350 ng

RT: 19.67 min Scan# 2823

Delta R.T. 0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

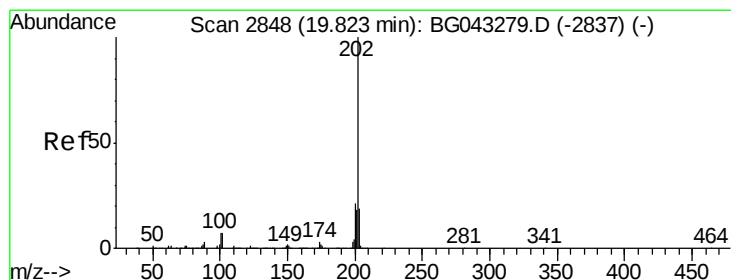
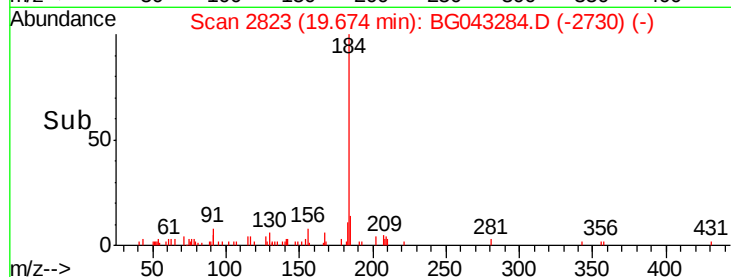
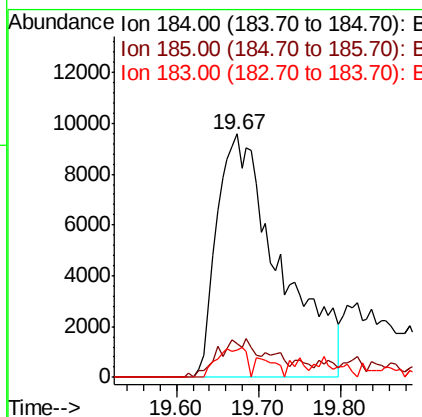
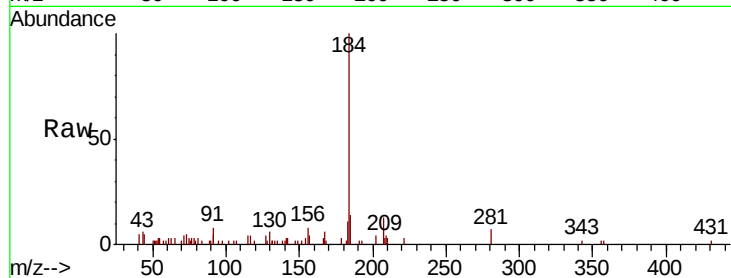
ClientSampleId :

PB124106BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.8
183	11.2	10.1	15.1

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#78

Pyrene

Concen: 49.595 ng

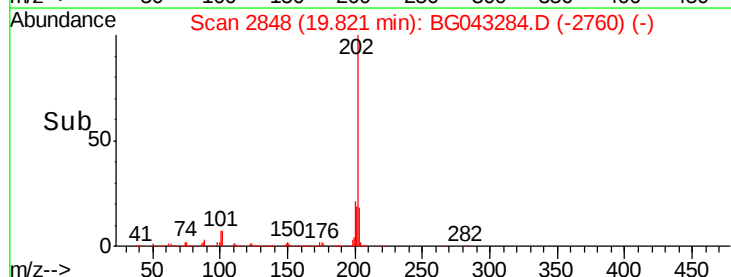
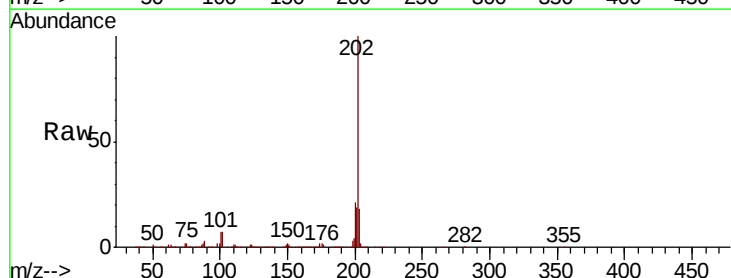
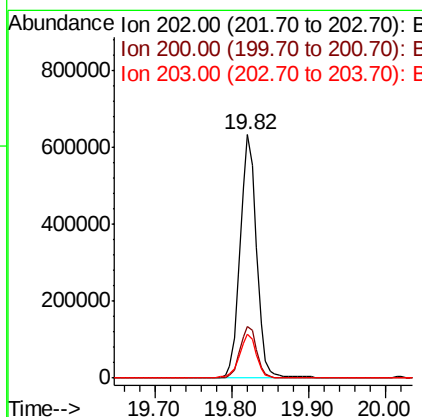
RT: 19.82 min Scan# 2848

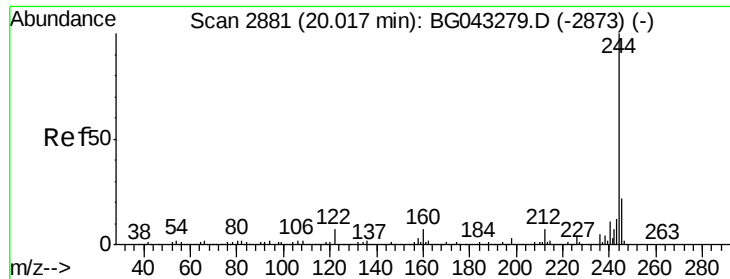
Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.0	15.2	22.8





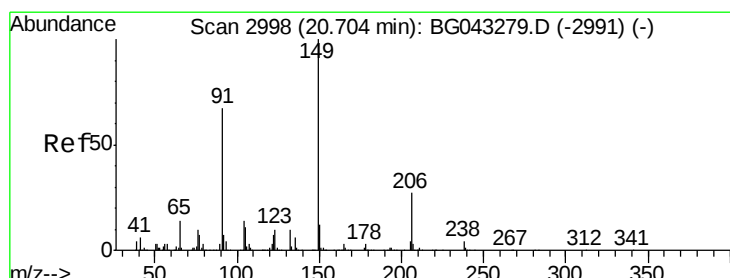
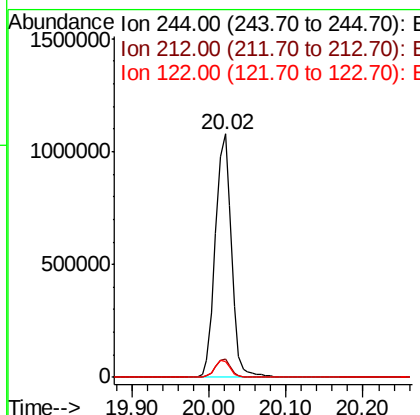
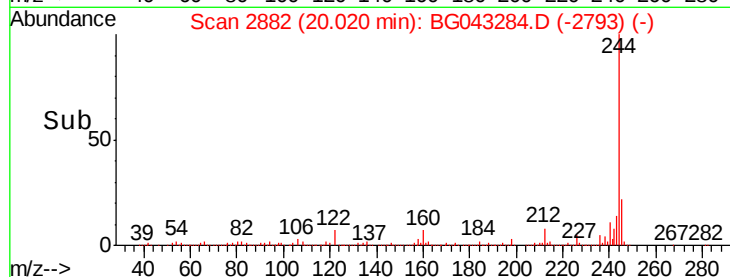
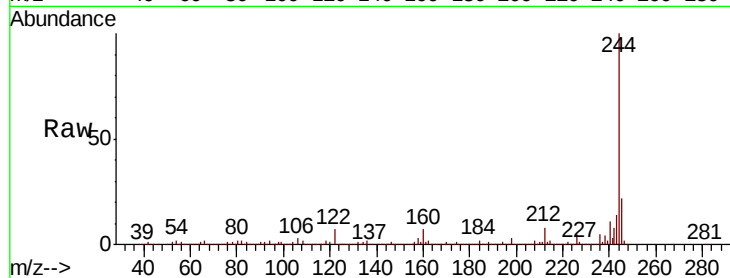
#79
 Terphenyl-d14
 Concen: 102.874 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.0
122	6.7	7.0	10.4

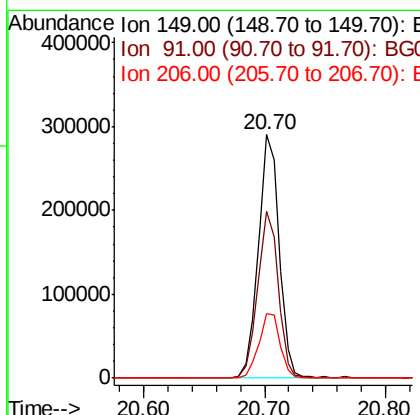
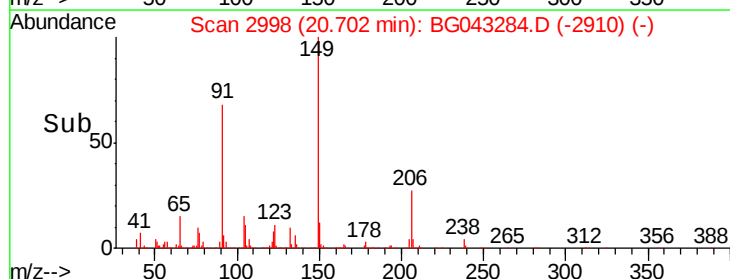
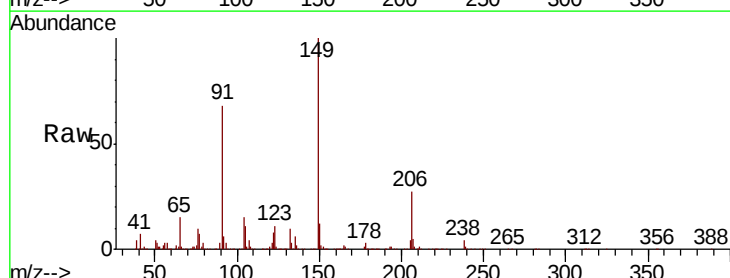
Manual Integrations
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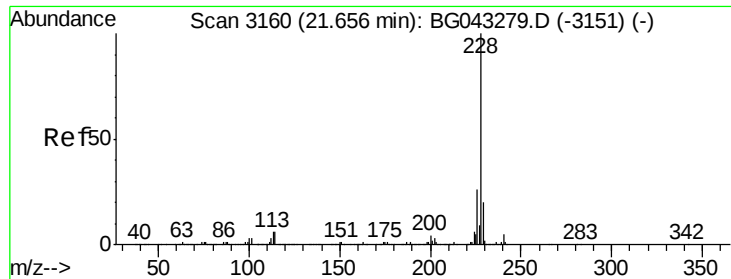
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.440 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.7	86.5
206	26.6	22.6	33.8





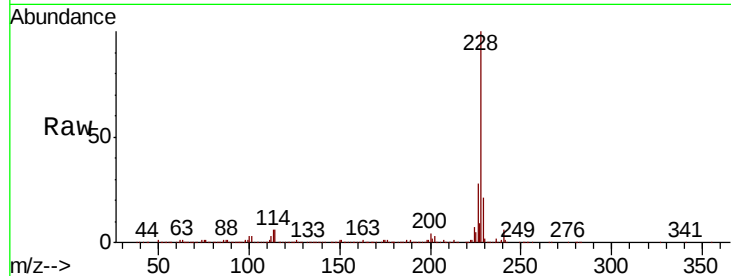
#81
Benzo(a)anthracene
Concen: 48.187 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	21.2	16.3	24.5

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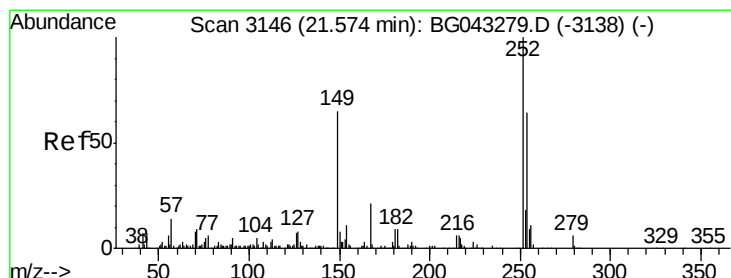
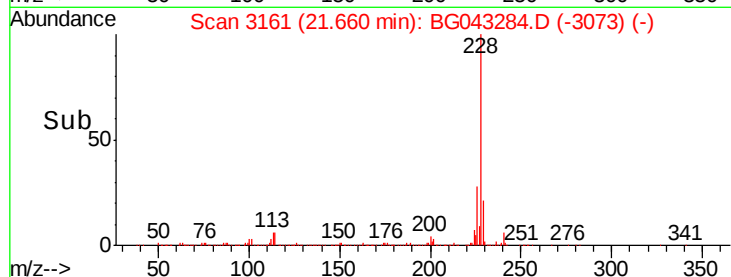
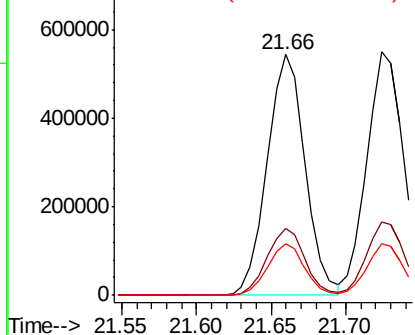


Abundance

Ion 228.00 (227.70 to 228.70): E

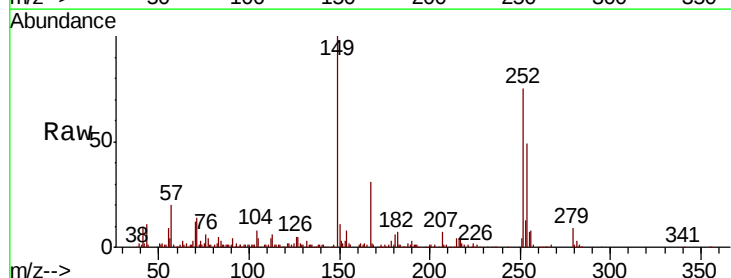
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 16.123 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.9	77.9
126	7.1	6.1	9.1

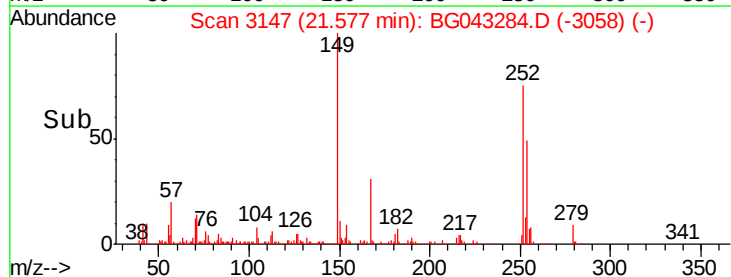
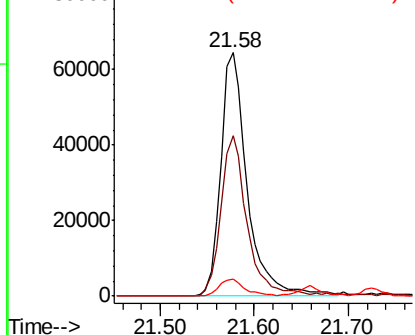


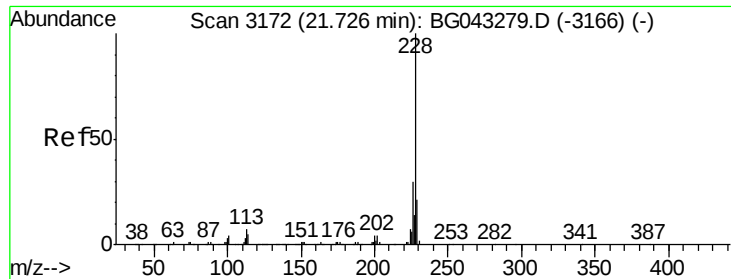
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





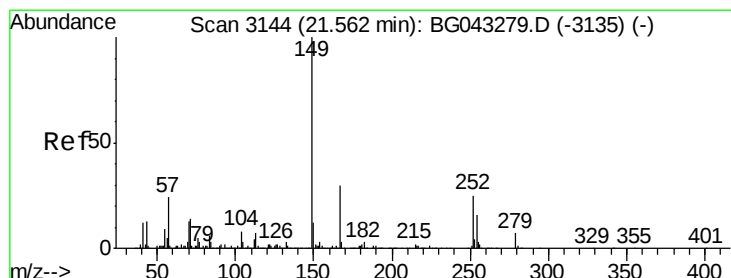
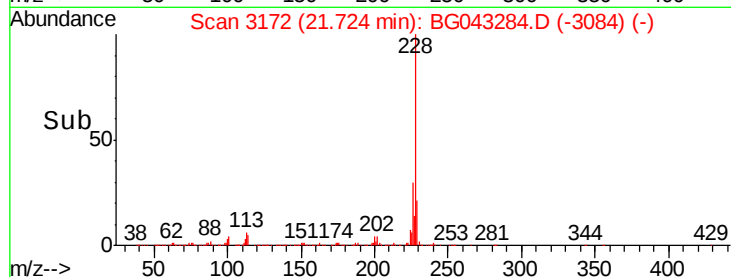
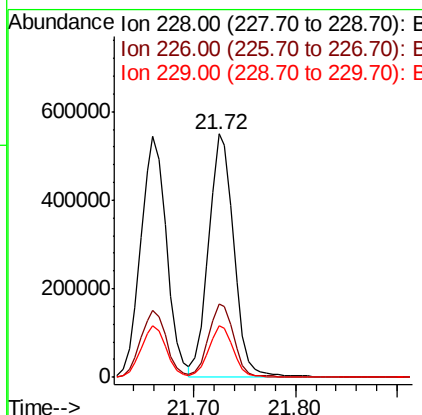
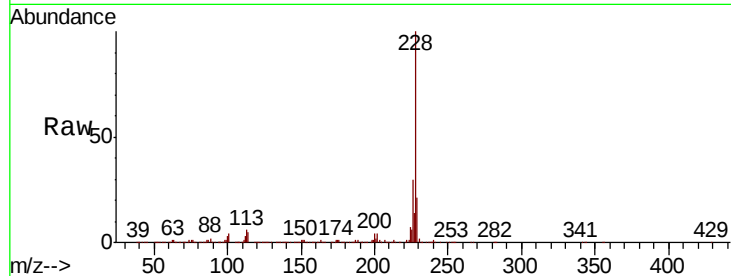
#83
 Chrvsene
 Concen: 48.864 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.6	38.4
229	21.3	16.9	25.3

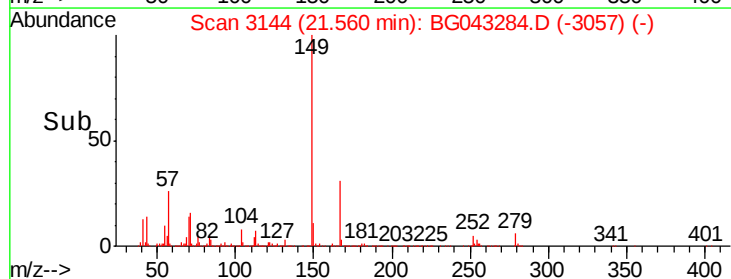
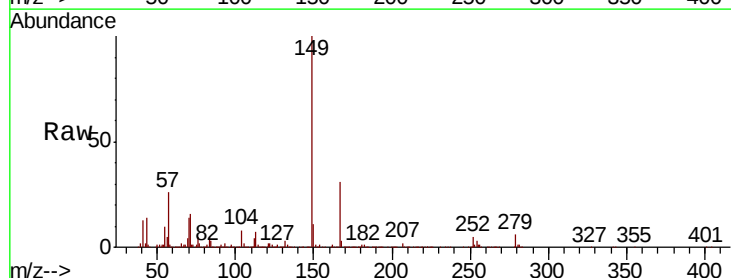
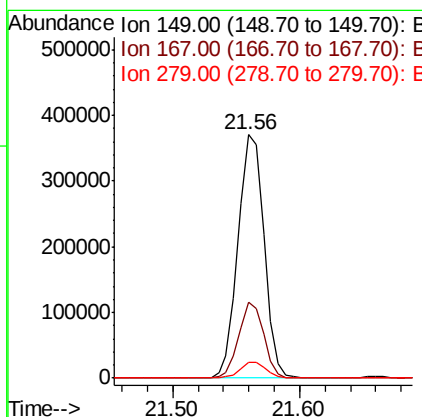
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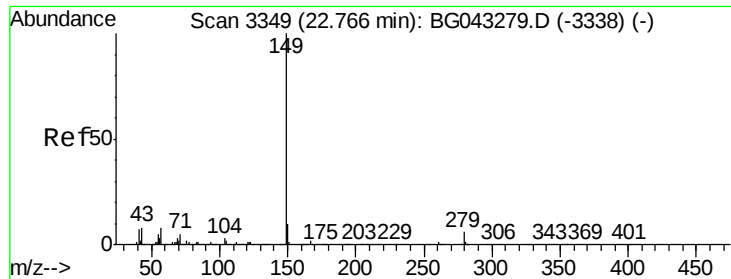
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.817 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG043284.D
 Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	25.4	38.2
279	6.5	5.1	7.7





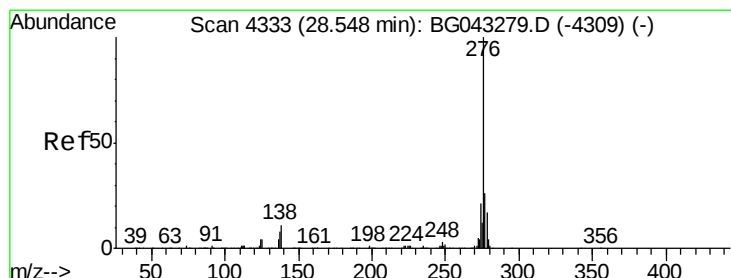
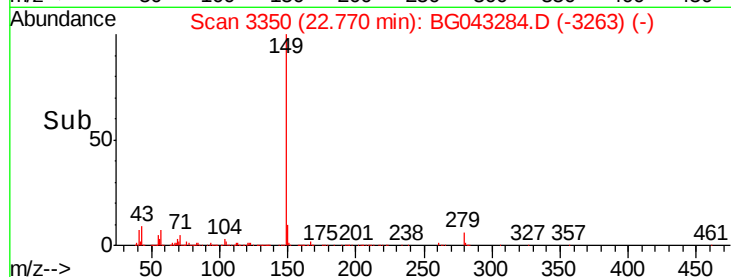
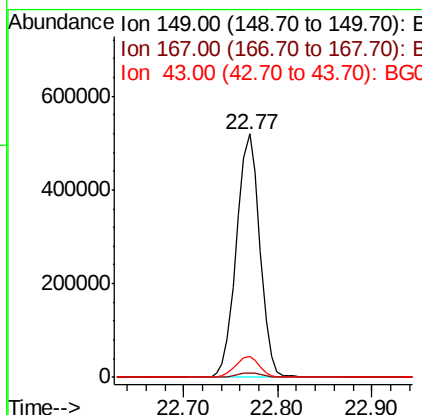
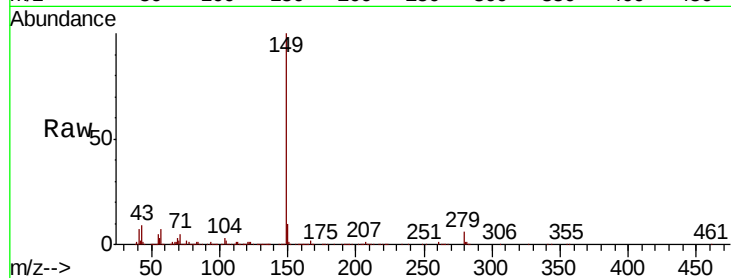
#85
Di-n-octyl phthalate
Concen: 52.976 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.6	8.7	13.1#

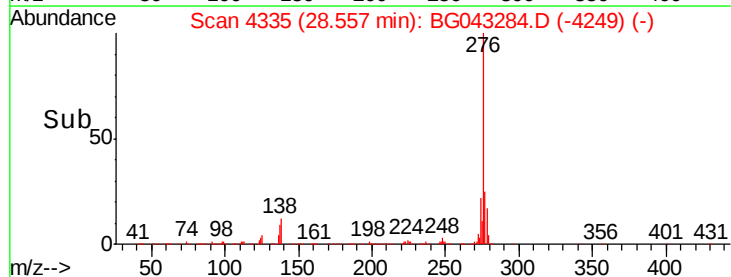
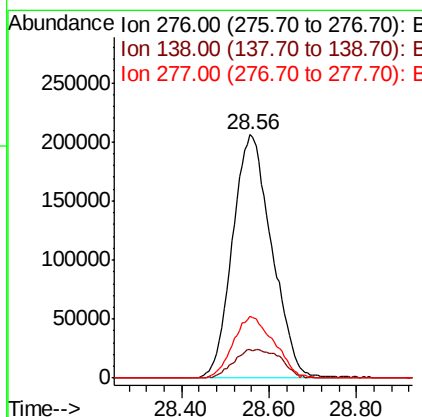
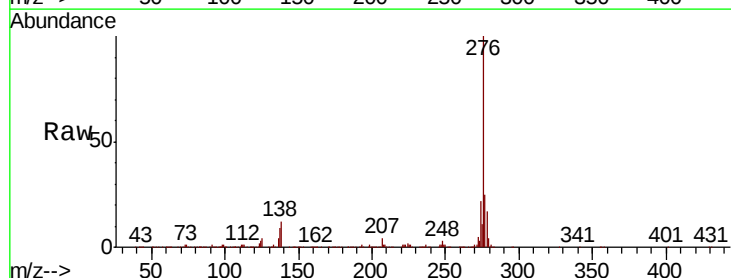
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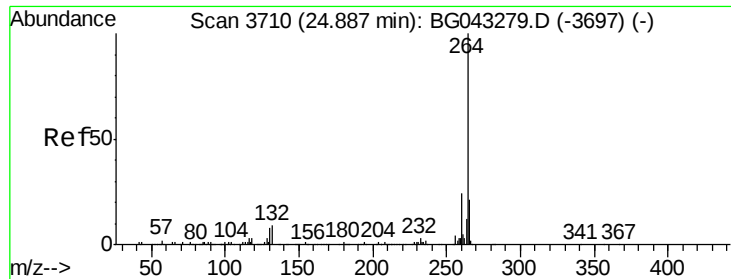
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.868 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.2	7.0	10.6#
277	26.1	20.9	31.3





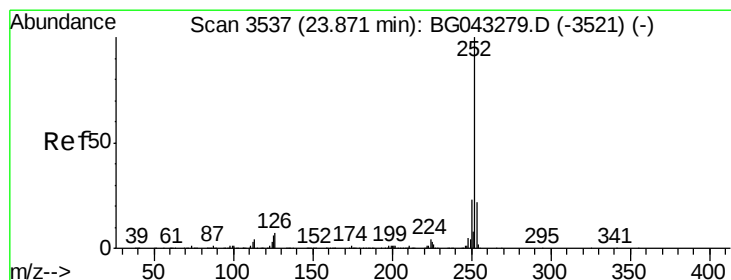
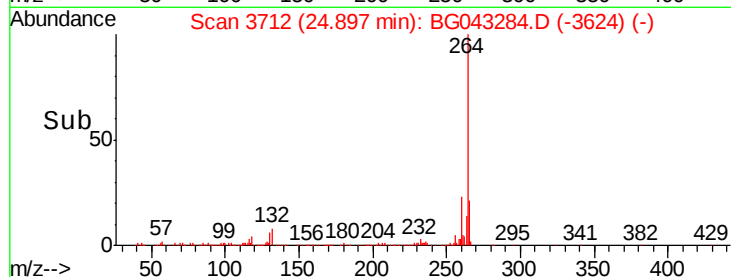
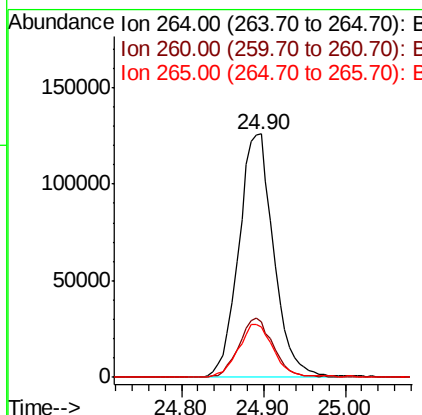
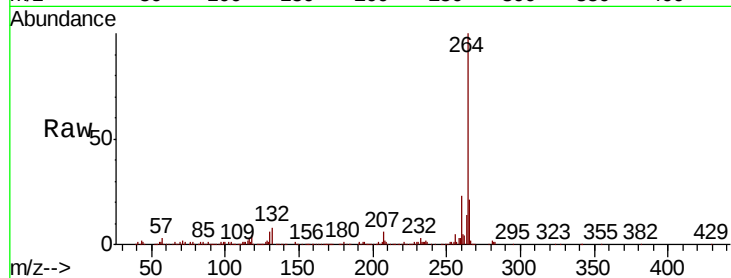
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.8	17.7	26.5

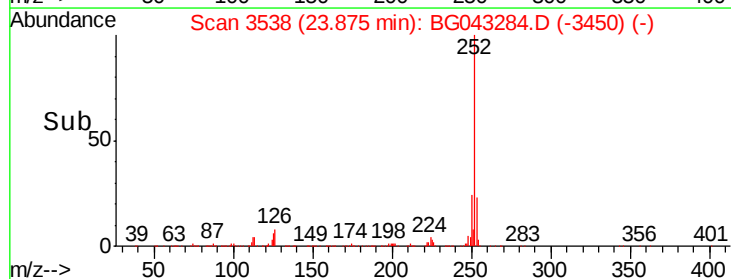
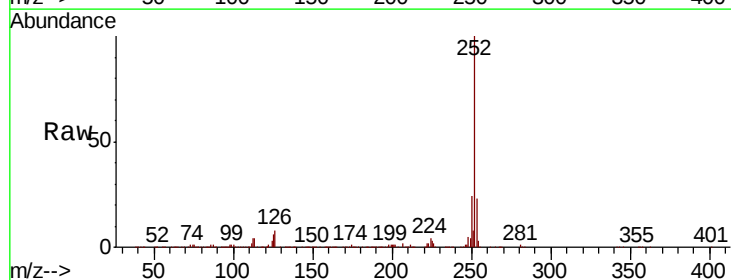
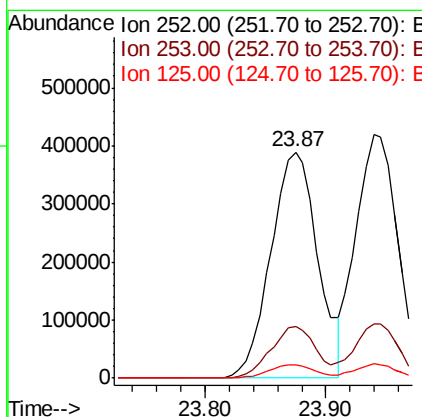
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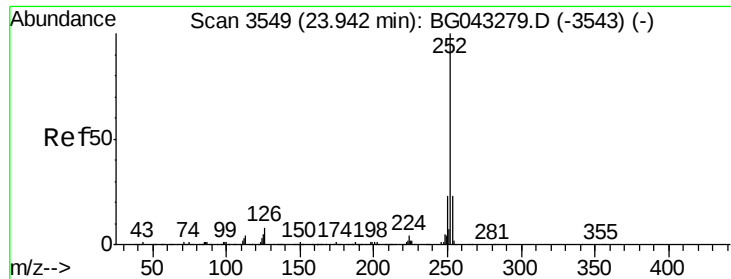
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.663 ng
RT: 23.87 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	5.6	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 48.281 ng

RT: 23.94 min Scan# 3549

Delta R.T. -0.02 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Instrument :

BNA_G

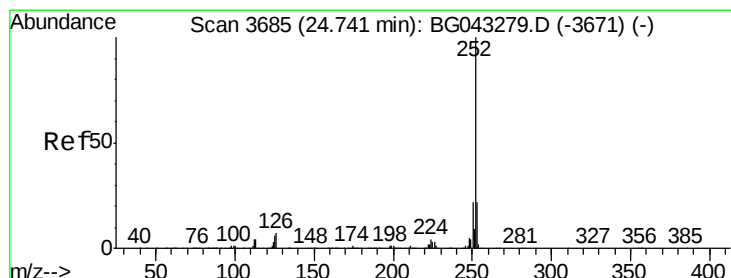
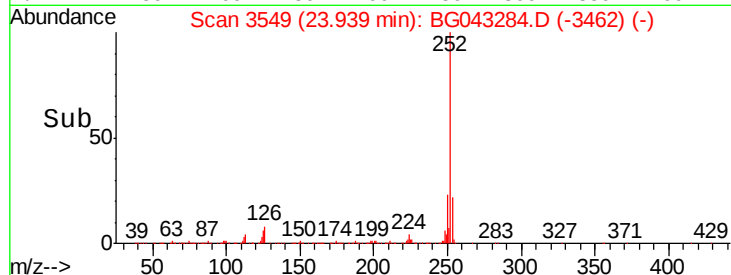
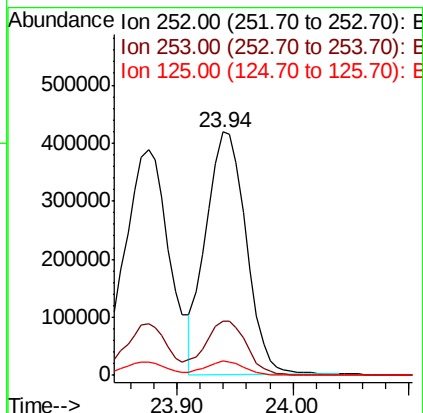
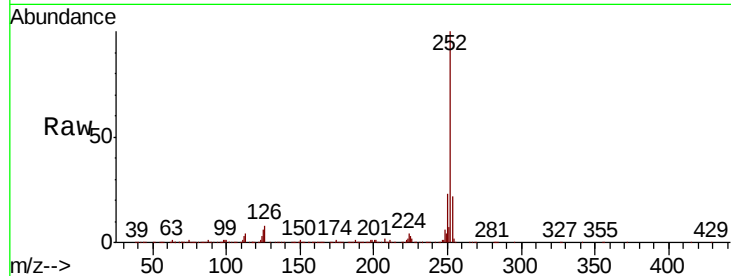
ClientSampleId :

PB124106BS

Tot Ion:	252	Resp:	1010951
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	5.8	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 48.002 ng

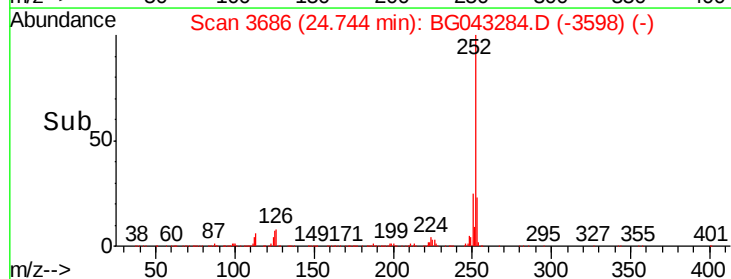
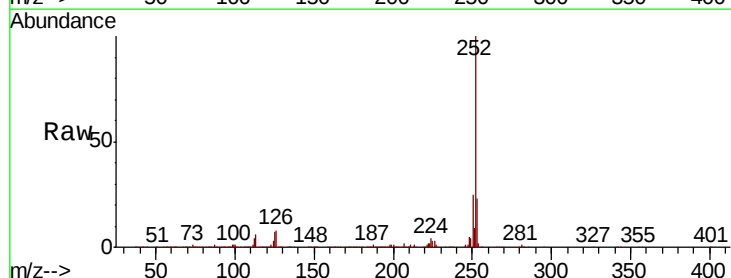
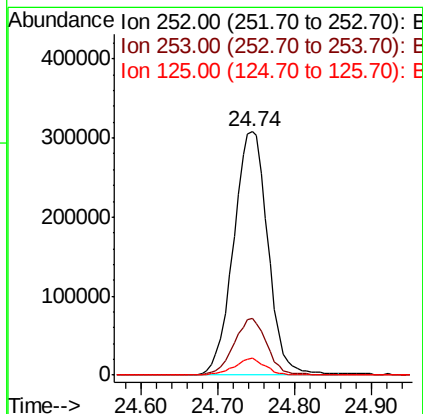
RT: 24.74 min Scan# 3686

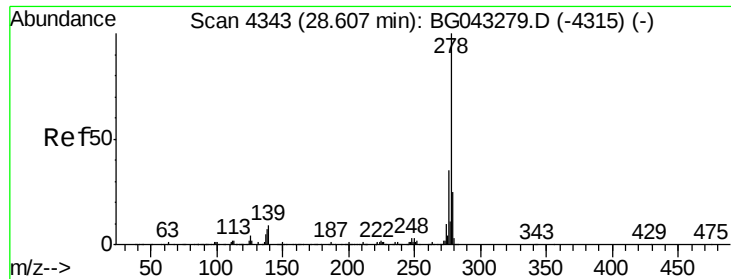
Delta R.T. -0.01 min

Lab File: BG043284.D

Acq: 18 Oct 2019 20:40

Tgt Ion:	252	Resp:	958553
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	6.7	5.0	7.6





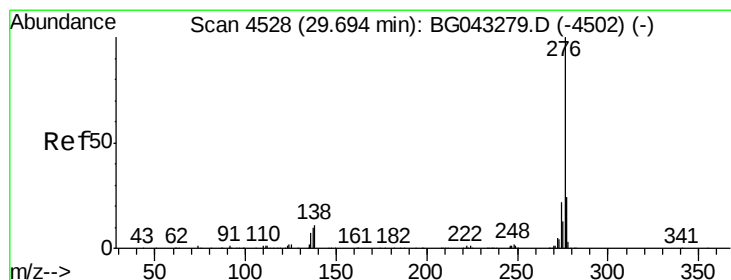
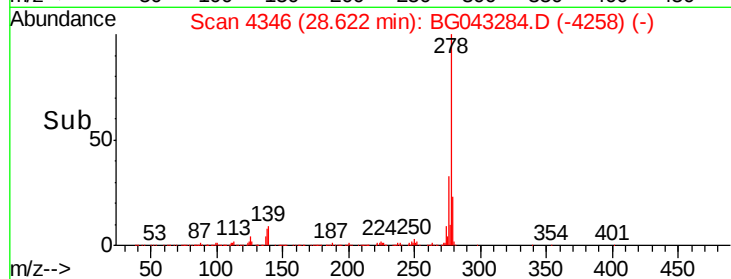
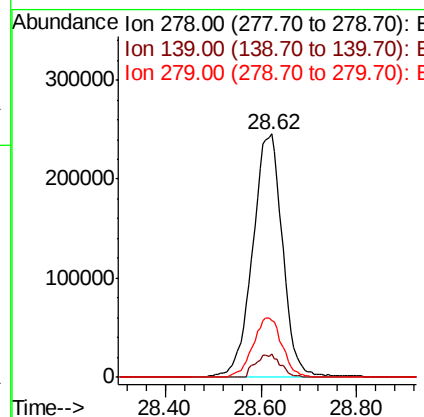
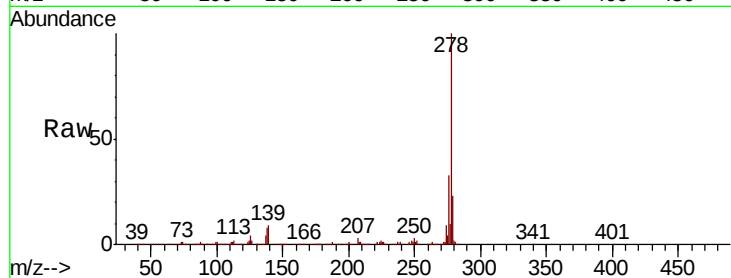
#91
Dibenzo(a,h)anthracene
Concen: 52.049 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.01 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Tot Ion:278 Resp: 1065802
Ion Ratio Lower Upper
278 100
139 9.4 6.8 10.2
279 23.4 20.1 30.1

Manual Integrations
APPROVED

mohammad
10/20/2019 8:15:11 PM



#92
Benzo(g,h,i)perylene
Concen: 52.763 ng
RT: 29.70 min Scan# 4530
Delta R.T. -0.02 min
Lab File: BG043284.D
Acq: 18 Oct 2019 20:40

Tgt Ion:276 Resp: 1046832
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 11.6 8.6 12.8

