

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043586.D
 Acq On : 11 Nov 2019 16:45
 Operator : JU
 Sample : PB124640BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Manual Integrations
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mohammad
 11/12/2019 5:04:01 PM

Quant Time: Nov 12 01:15:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25564	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	106709	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	77876	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	181462	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	185801	20.00	ng	-0.01
87) Perylene-d12	24.83	264	218213	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	178500	127.95	ng	0.00
7) Phenol-d6	7.20	99	247886	123.50	ng	0.00
23) Nitrobenzene-d5	9.16	82	127525	61.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.13	330	161764	109.15	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	359086	63.71	ng	-0.01
79) Terphenyl-d14	19.99	244	636567	64.27	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	18556	34.132	ng	# 90
3) Pyridine	3.86	79	47226	34.437	ng	# 94
4) n-Nitrosodimethylamine	3.78	42	28839	41.674	ng	90
6) Aniline	7.33	93	77243	33.407	ng	97
8) 2-Chlorophenol	7.58	128	72660	47.182	ng	97
9) Benzaldehyde	7.14	77	37038	37.548	ng	86
10) Phenol	7.23	94	87153	47.517	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	56106	39.565	ng	99
12) 1,3-Dichlorobenzene	7.89	146	73528	38.107	ng	96
13) 1,4-Dichlorobenzene	8.04	146	76993	39.440	ng	95
14) 1,2-Dichlorobenzene	8.35	146	76241	39.999	ng	97
15) Benzyl Alcohol	8.25	79	62326	44.214	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	79189	38.405	ng	98
17) 2-Methylphenol	8.47	107	63623	47.583	ng	98
18) Hexachloroethane	9.08	117	27063	38.424	ng	100
19) n-Nitroso-di-n-propylamine	8.80	70	53306	41.099	ng	# 89
20) 3+4-Methylphenols	8.80	107	86496	47.175	ng	93
22) Acetophenone	8.82	105	104996	38.422	ng	# 93
24) Nitrobenzene	9.21	77	80539	40.847	ng	97
25) Isophorone	9.72	82	152216	40.224	ng	99
26) 2-Nitrophenol	9.92	139	41307	43.393	ng	93
27) 2,4-Dimethylphenol	9.99	122	70473	51.653	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	83209	39.840	ng	99
29) 2,4-Dichlorophenol	10.48	162	79037	45.212	ng	93
30) 1,2,4-Trichlorobenzene	10.67	180	84919	38.542	ng	96
31) Naphthalene	10.85	128	226012	41.727	ng	97
32) Benzoic acid	10.17	122	36619	37.573	ng	95
33) 4-Chloroaniline	10.98	127	55943	25.196	ng	94
34) Hexachlorobutadiene	11.14	225	59453	36.503	ng	97
35) Caprolactam	11.74	113	25907m	43.031	ng	
36) 4-Chloro-3-methylphenol	12.11	107	85426	44.800	ng	98
37) 2-Methylnaphthalene	12.46	142	173248	41.686	ng	98
38) 1-Methylnaphthalene	12.68	142	169918	42.970	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	113647	39.432	ng	99

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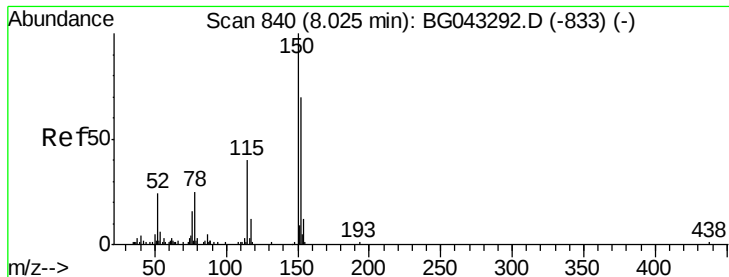
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	119812	79.138	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	71007	41.836	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	75623	44.071	ng	98
46) 1,1'-Biphenyl	13.47	154	236084	39.850	ng	95
47) 2-Chloronaphthalene	13.51	162	179248	39.765	ng	99
48) 2-Nitroaniline	13.72	65	54766	40.650	ng	95
49) Acenaphthylene	14.35	152	301146	42.925	ng	99
50) Dimethylphthalate	14.09	163	247365	41.009	ng	97
51) 2,6-Dinitrotoluene	14.21	165	56869	43.397	ng	97
52) Acenaphthene	14.69	154	174434	40.772	ng	95
53) 3-Nitroaniline	14.55	138	36491	28.842	ng	96
54) 2,4-Dinitrophenol	14.75	184	56672	70.233	ng	93
55) Dibenzofuran	15.03	168	294842	42.497	ng	98
56) 4-Nitrophenol	14.89	139	73168	86.298	ng	94
57) 2,4-Dinitrotoluene	15.00	165	78806	42.080	ng	97
58) Fluorene	15.68	166	247002	42.447	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	77561	42.544	ng	93
60) Diethylphthalate	15.45	149	244867	40.401	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	142234	41.899	ng	96
62) 4-Nitroaniline	15.72	138	53110	40.646	ng	96
63) Azobenzene	15.96	77	207151	42.231	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	47217	44.214	ng	93
66) n-Nitrosodiphenylamine	15.89	169	216996	42.356	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	97245	39.821	ng	97
68) Hexachlorobenzene	16.69	284	107765	38.444	ng	100
69) Atrazine	16.83	200	90067	50.594	ng	94
70) Pentachlorophenol	17.04	266	98454	77.079	ng	97
71) Phenanthrene	17.42	178	382289	41.141	ng	98
72) Anthracene	17.51	178	394969	42.483	ng	97
73) Carbazole	17.79	167	342287	40.656	ng	99
74) Di-n-butylphthalate	18.33	149	397454	38.907	ng	99
75) Fluoranthene	19.43	202	480499	39.664	ng	99
77) Benzidine	19.62	184	202186	54.071	ng	98
78) Pyrene	19.79	202	479172	41.664	ng	99
80) Butylbenzylphthalate	20.68	149	176061	40.407	ng	97
81) Benzo(a)anthracene	21.63	228	489519	42.061	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	140426	31.195	ng	96
83) Chrysene	21.69	228	474565	41.039	ng	97
84) Bis(2-ethylhexyl)phthalate	21.53	149	263279	42.536	ng	99
85) Di-n-octyl phthalate	22.72	149	458458	43.659	ng	98
86) Indeno(1,2,3-cd)pyrene	28.46	276	622638	42.895	ng	98
88) Benzo(b)fluoranthene	23.82	252	522413	42.270	ng	100
89) Benzo(k)fluoranthene	23.89	252	520471	41.832	ng	99
90) Benzo(a)pyrene	24.68	252	486986	41.264	ng	97
91) Dibenzo(a,h)anthracene	28.52	278	523839	43.394	ng	98
92) Benzo(g,h,i)perylene	29.60	276	520970	43.752	ng	99

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



#1

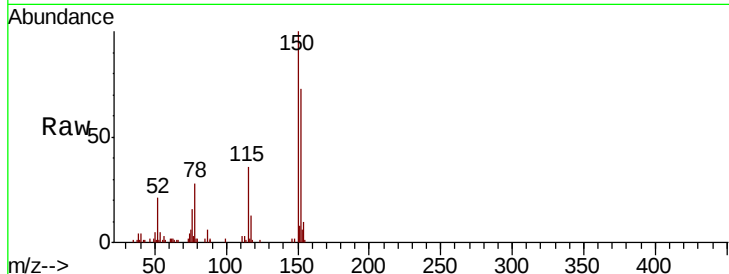
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.8	129.4	194.0
115	49.6	48.8	73.2

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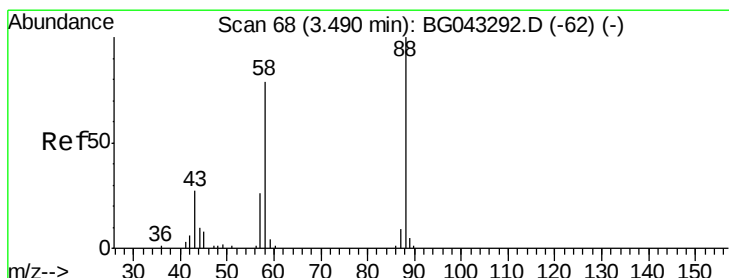
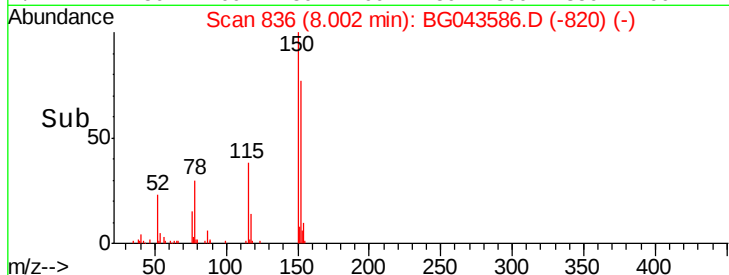
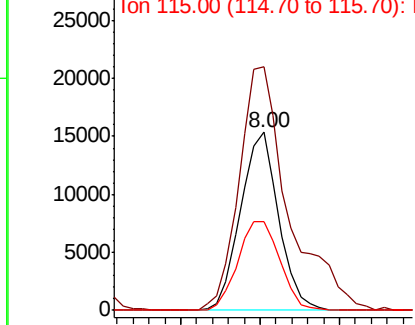


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

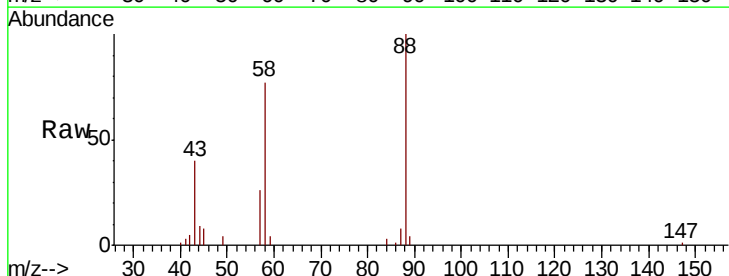
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.132 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	62.7	94.1
43	38.0	23.7	35.5

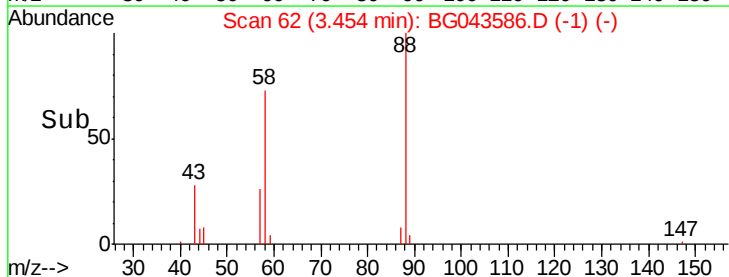
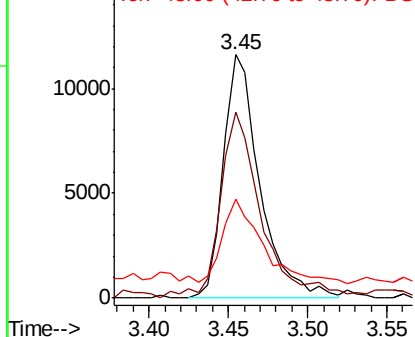


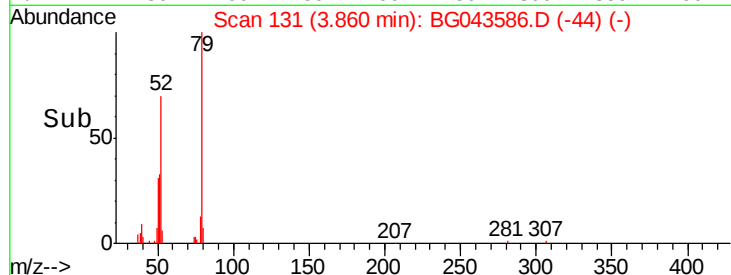
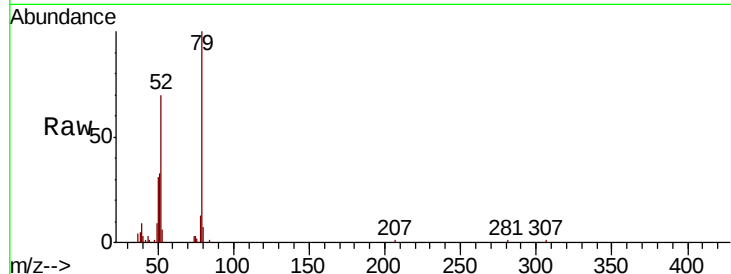
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





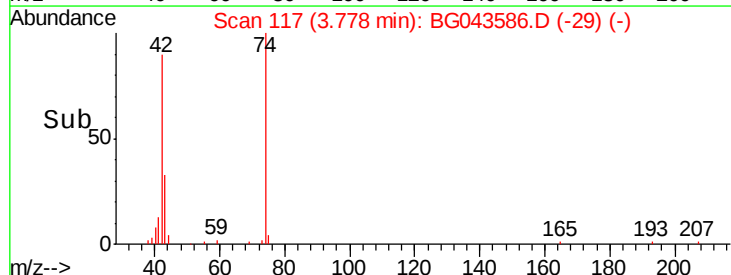
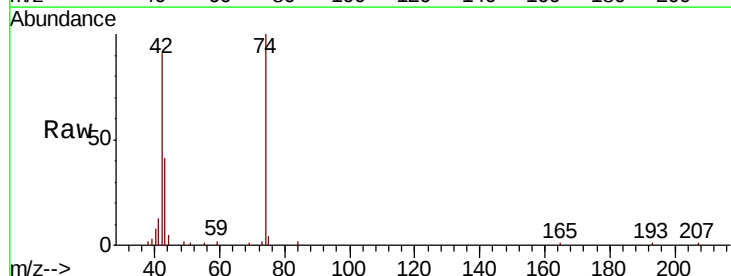
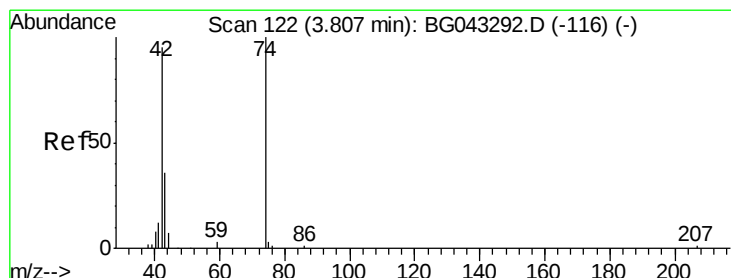
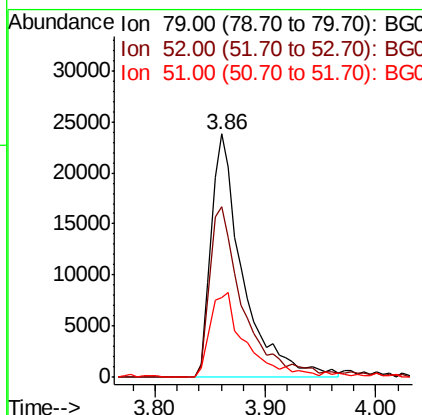
#3
 Pvridine
 Concen: 34.437 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.02 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.1	56.5	84.7
51	32.6	33.2	49.8

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 ClientSampleId :
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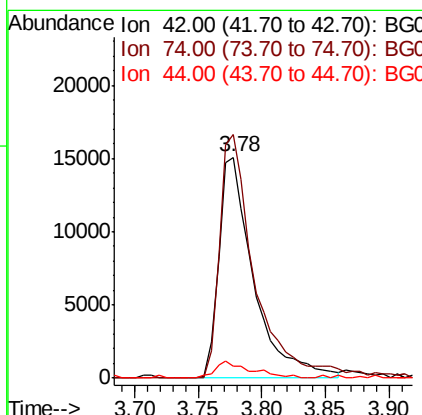
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#4
 n-Nitrosodimethylamine
 Concen: 41.674 ng
 RT: 3.78 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.1	97.3	145.9
44	5.1	4.4	6.6





#5

2-Fluorophenol

Concen: 127.950 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

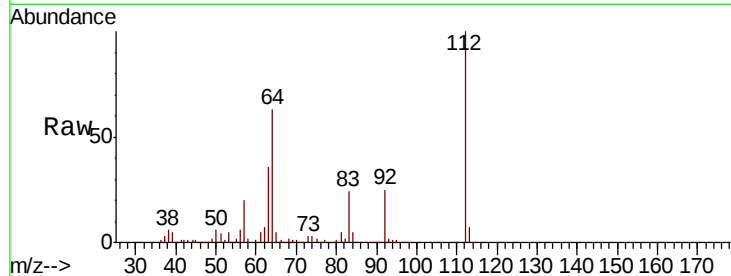
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PB124640BS

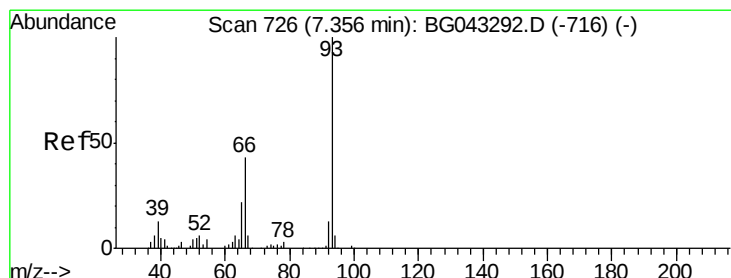
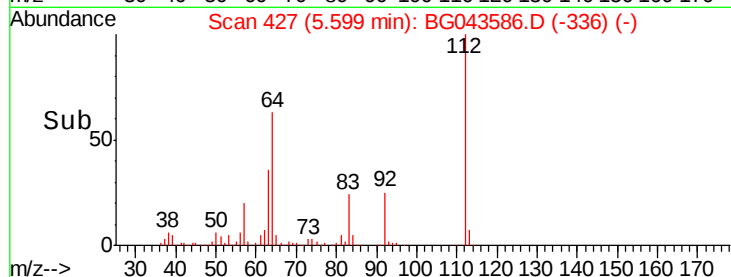
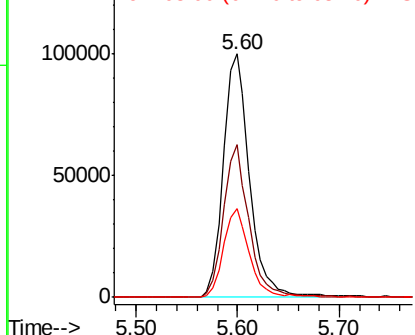
Tot Ion:	112	Resp:	178500
Ion Ratio	Lower	Upper	
112	100		
64	62.7	50.0	75.0
63	36.3	26.6	40.0

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



#6

Aniline

Concen: 33.407 ng

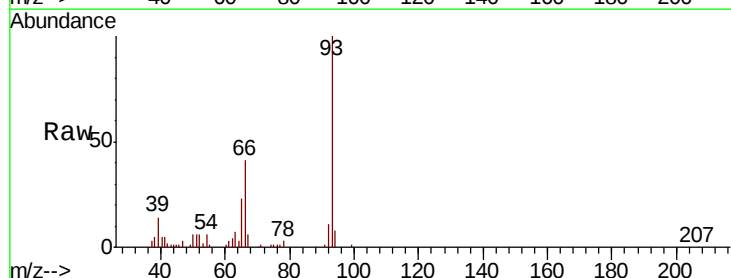
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

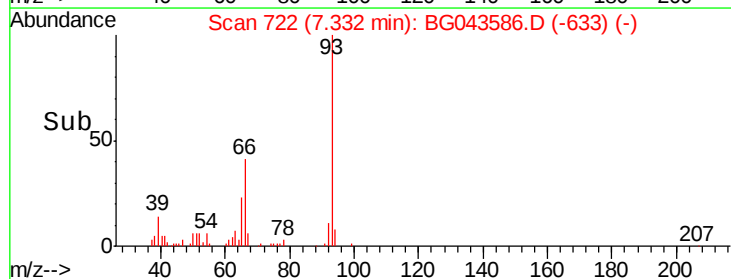
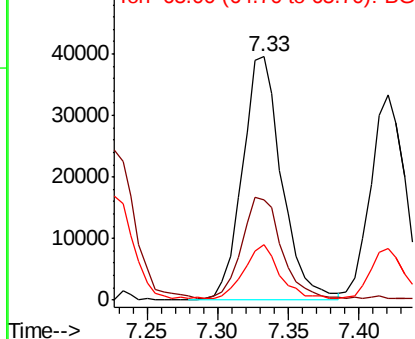
Lab File: BG043586.D

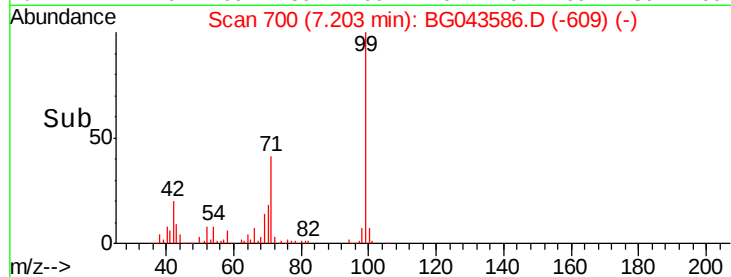
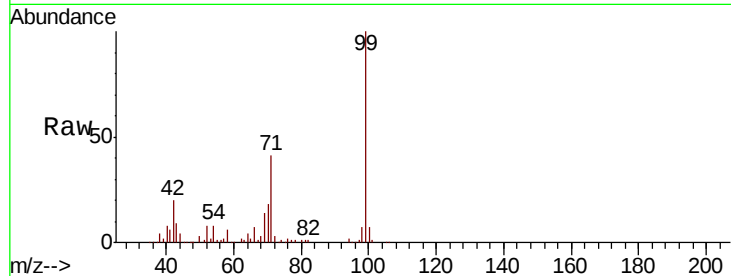
Acq: 11 Nov 2019 16:45

Tgt Ion:	93	Resp:	77243
Ion Ratio	Lower	Upper	
93	100		
66	41.3	32.3	48.5
65	22.9	16.1	24.1



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





#7

Phenol-d6

Concen: 123.499 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tot Ion:	99	Resp:	247886
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.6	21.8
71	40.9	32.5	48.7

Instrument :

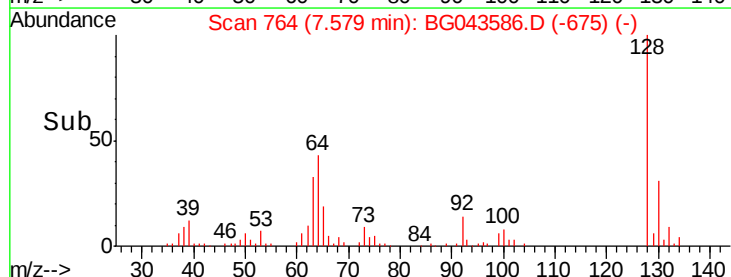
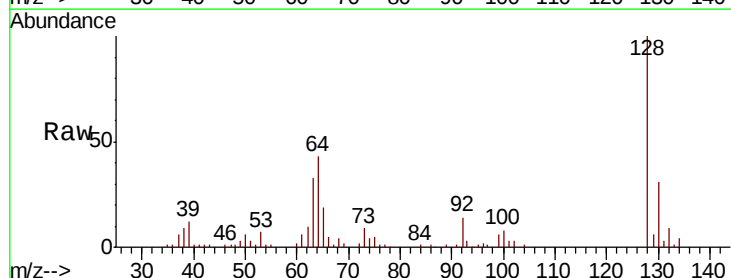
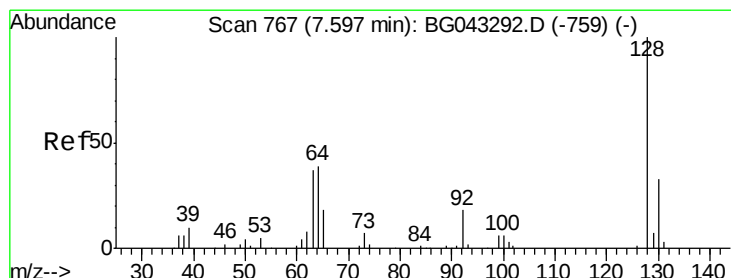
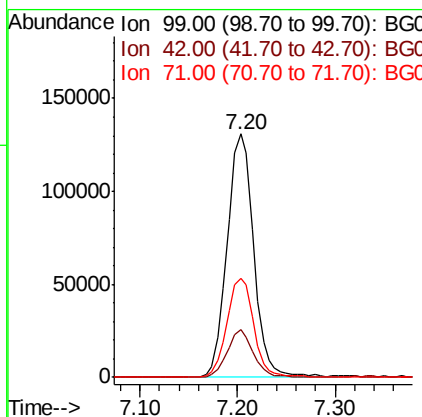
BNA_G

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#8

2-Chlorophenol

Concen: 47.182 ng

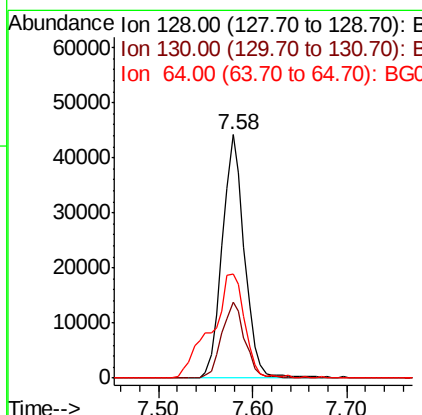
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:	128	Resp:	72660
Ion Ratio	Lower	Upper	
128	100		
130	31.0	12.5	52.5
64	42.8	25.3	65.3





#9

Benzaldehyde

Concen: 37.548 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

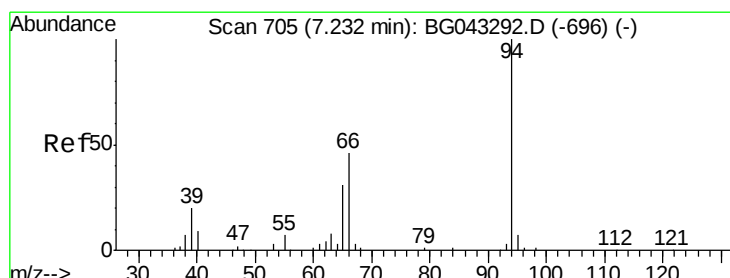
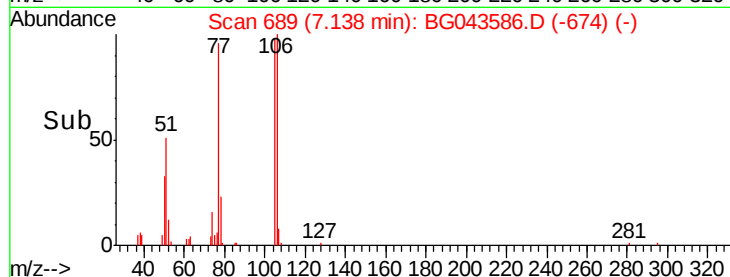
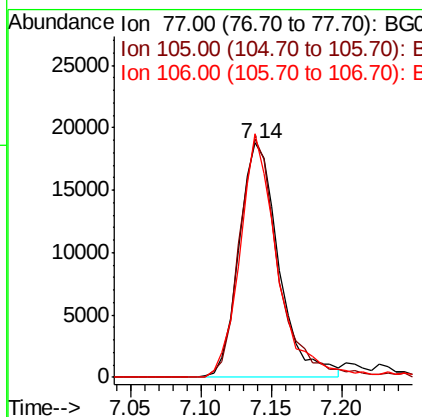
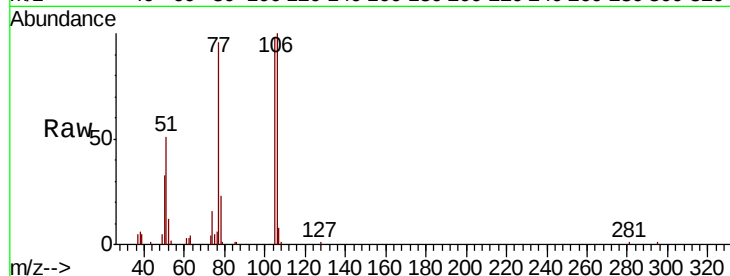
ClientSampleID :

PB124640BS

Tot Ion:	77	Resp:	37038
Ion	Ratio	Lower	Upper
77	100		
105	101.5	68.6	108.6
106	103.8	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 47.517 ng

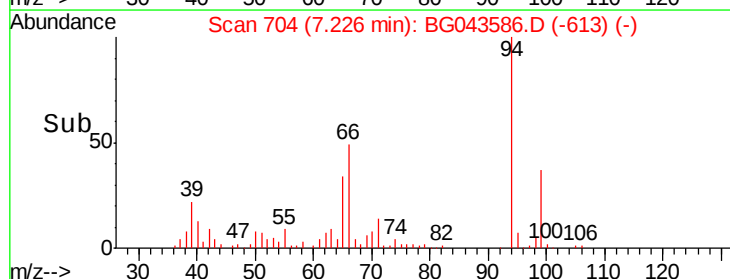
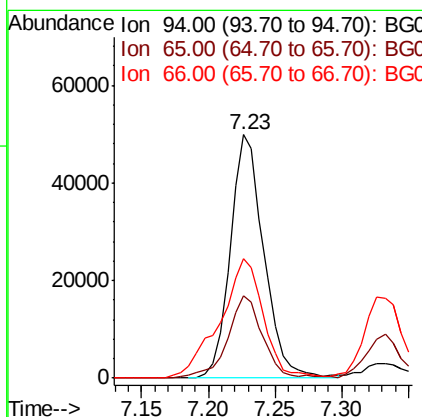
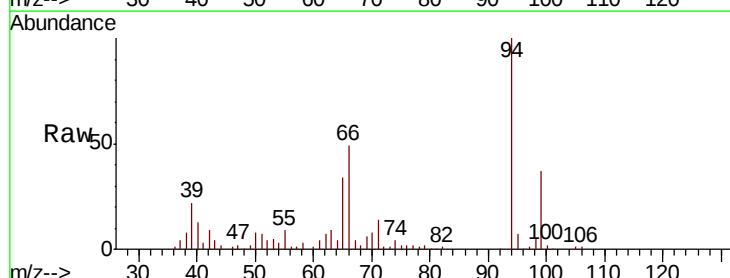
RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:	94	Resp:	87153
Ion	Ratio	Lower	Upper
94	100		
65	34.0	12.6	52.6
66	49.1	30.7	70.7





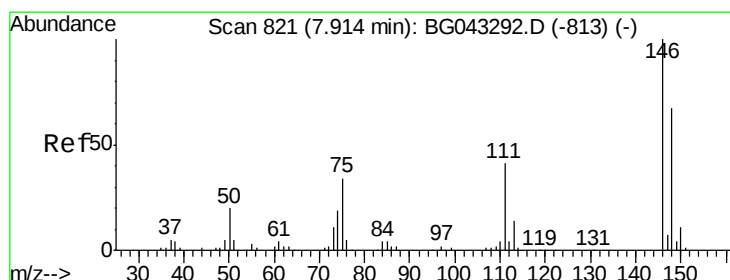
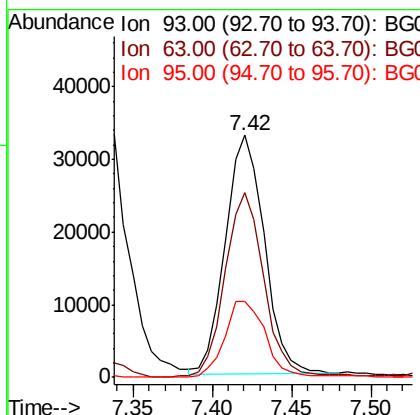
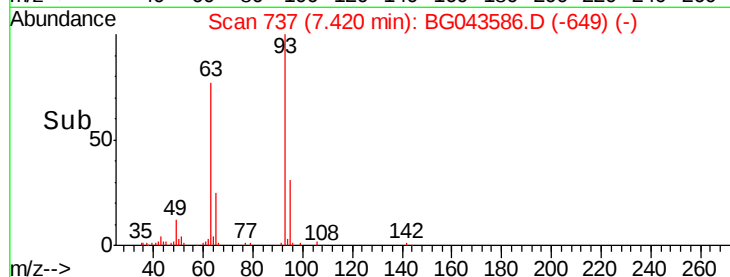
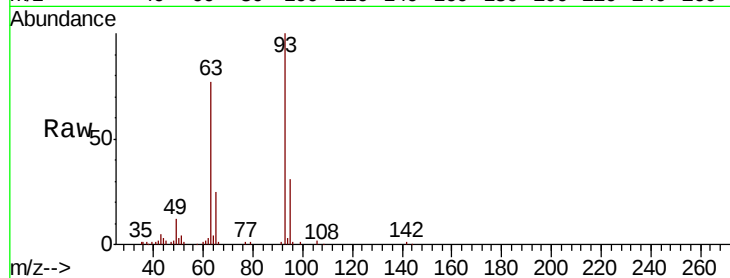
#11
bis(2-Chloroethyl)ether
Concen: 39.565 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	56.3	96.3
95	31.5	12.2	52.2

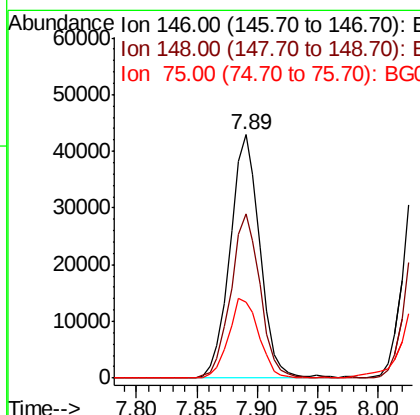
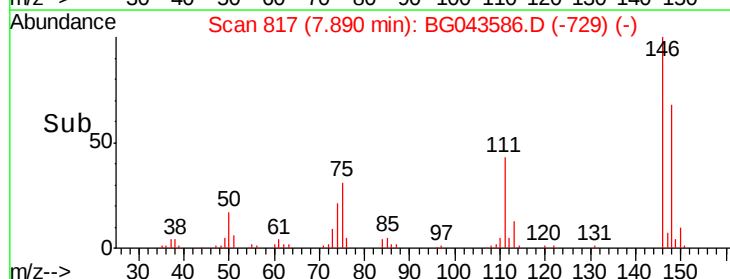
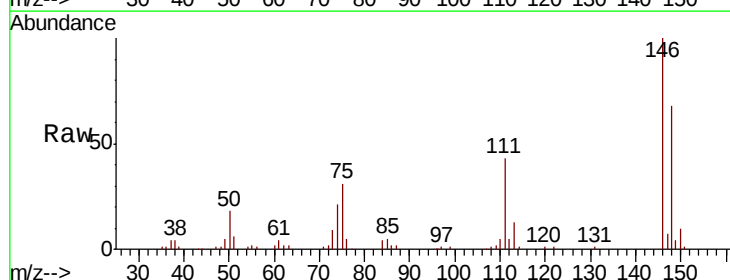
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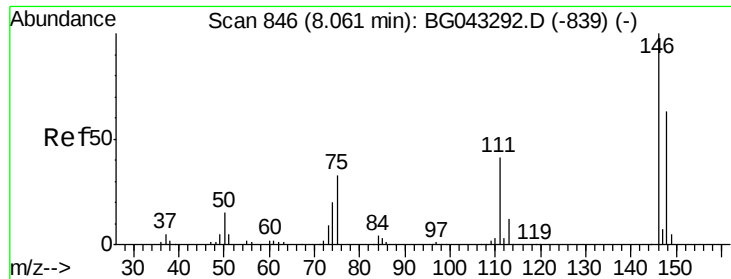
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.107 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.3	75.5
75	31.3	24.6	37.0





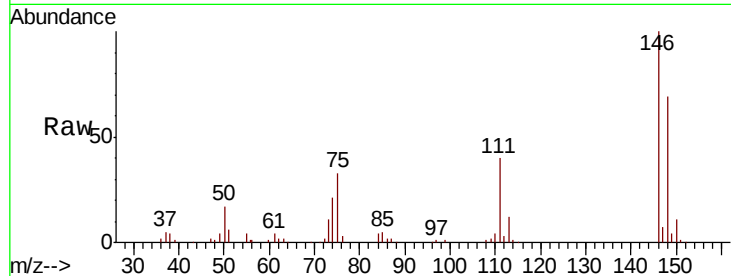
#13
1,4-Dichlorobenzene
Concen: 39.440 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.2	50.7	76.1
111	40.3	33.4	50.2

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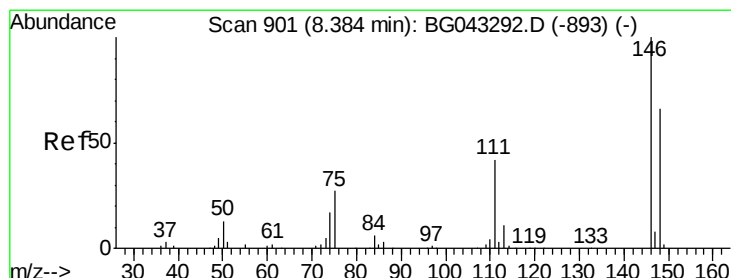
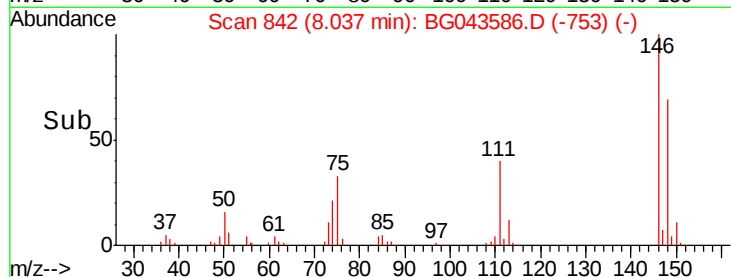
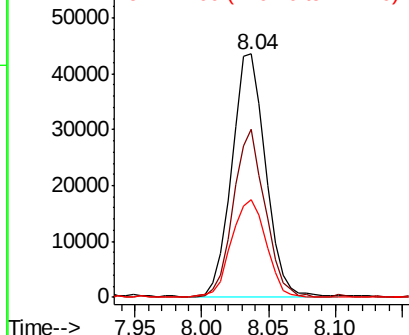


Abundance

Ion 146.00 (145.70 to 146.70): E

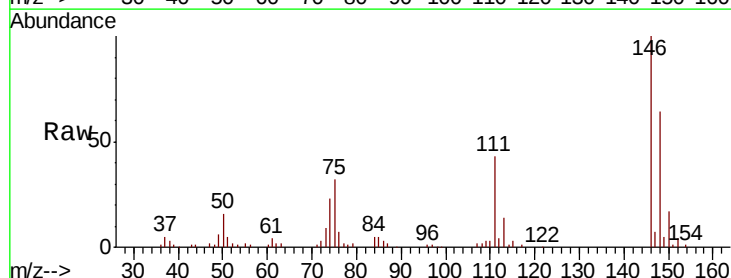
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.999 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.2	79.8
111	42.9	35.8	53.6

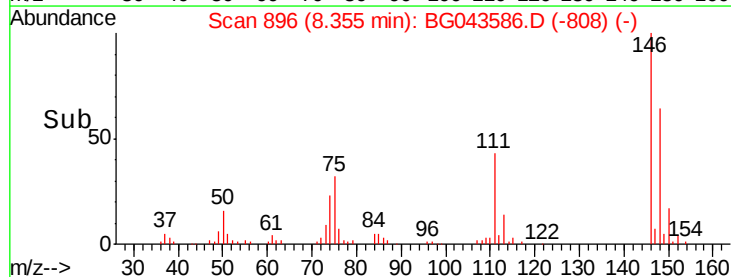
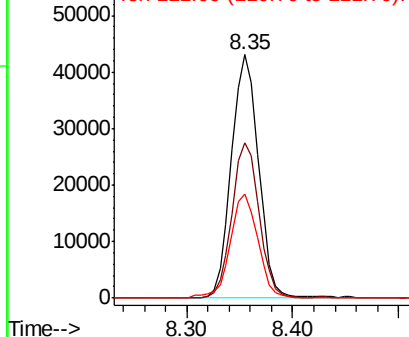


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.214 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

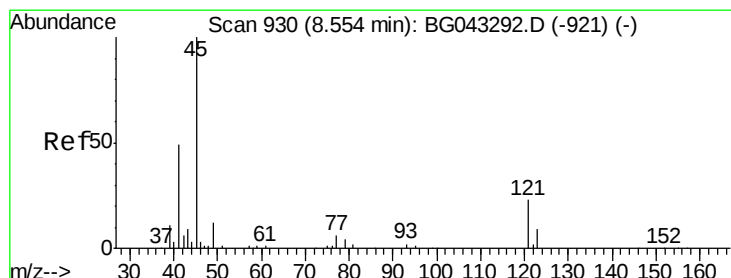
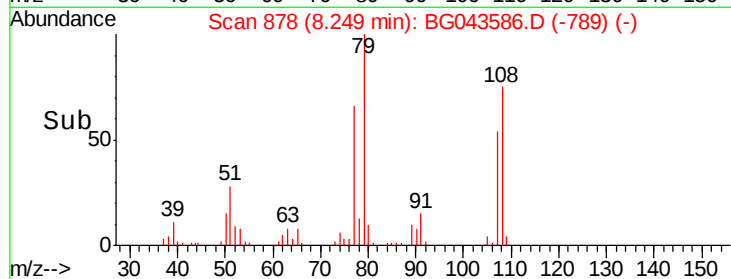
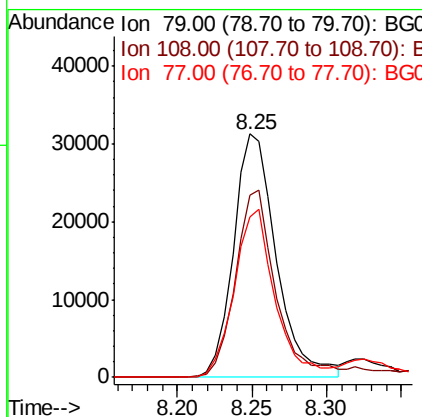
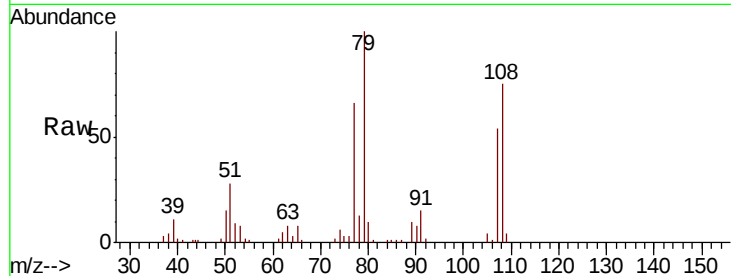
ClientSampleId :

PB124640BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.8	53.6	80.4
77	65.9	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.405 ng

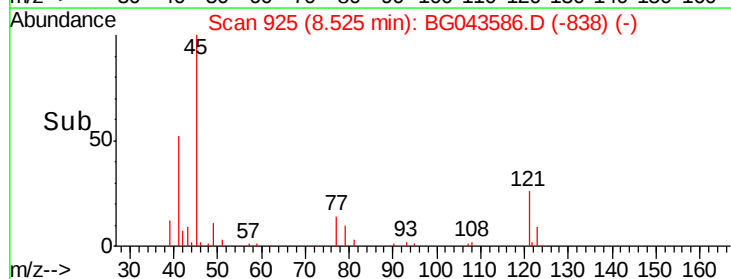
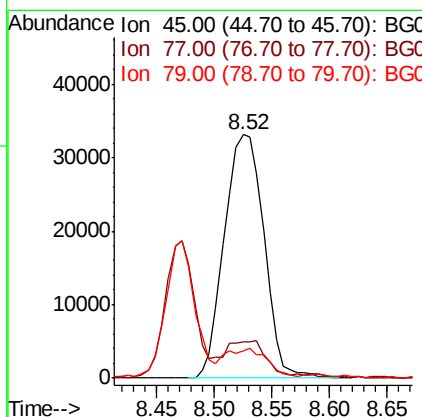
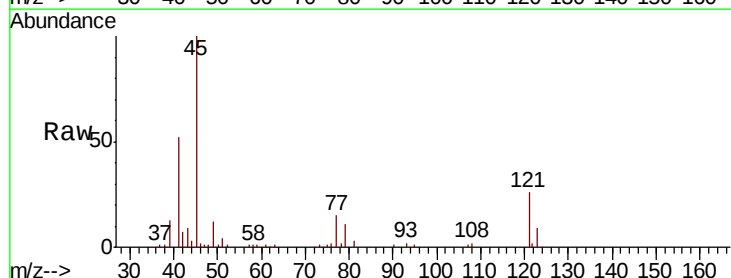
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.9
79	11.1	0.0	33.0





#17

2-Methylphenol

Concen: 47.583 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

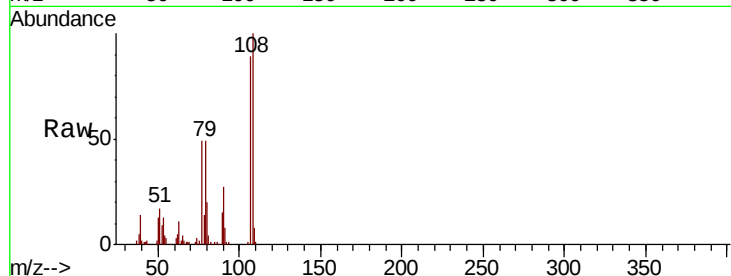
ClientSampleId :

PB124640BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	90.2	135.4	
77	54.5	40.2	60.2	
79	54.9	44.0	66.0	

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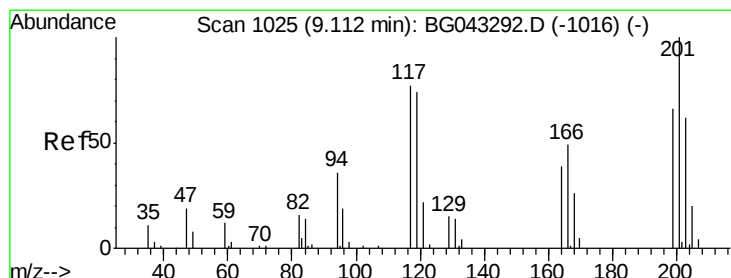
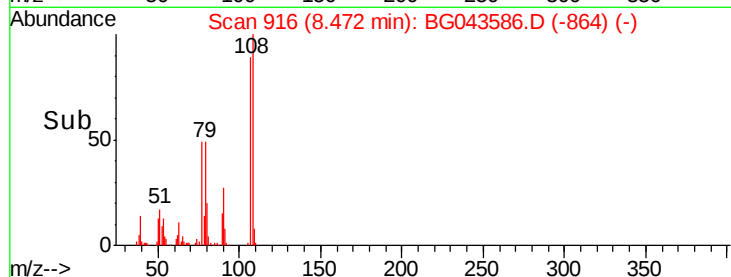
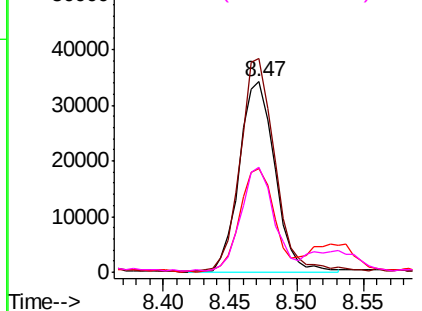
Abundance

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: 38.424 ng

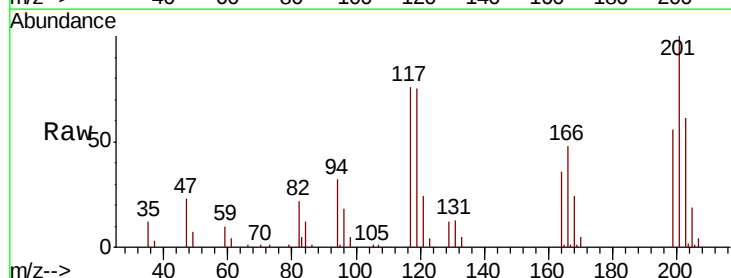
RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	79.0	118.4	
201	131.1	105.4	158.2	

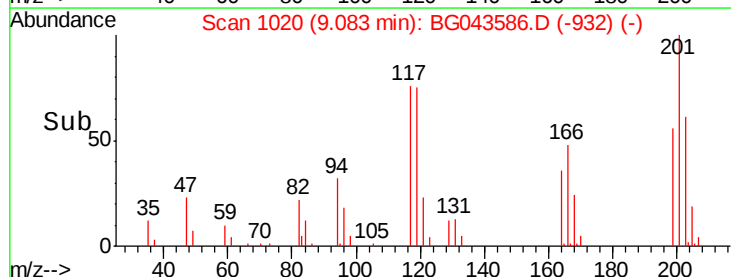
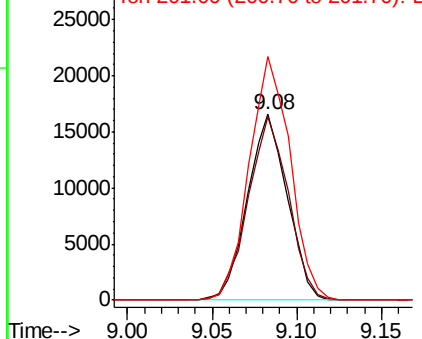


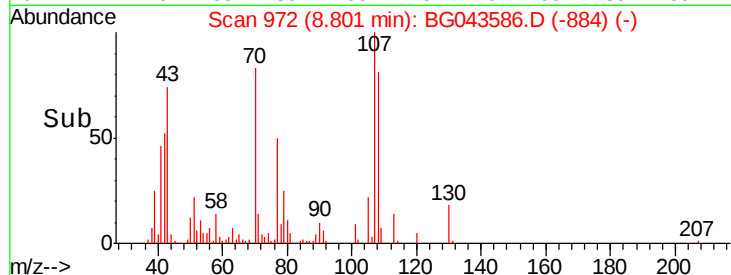
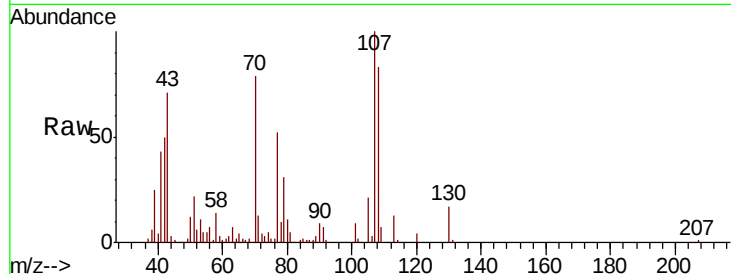
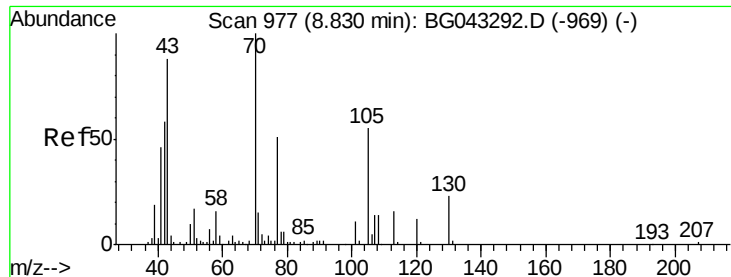
Abundance

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





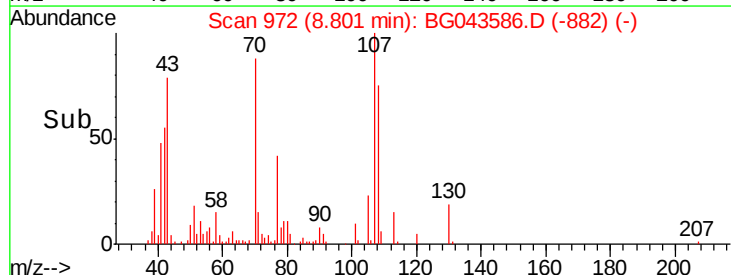
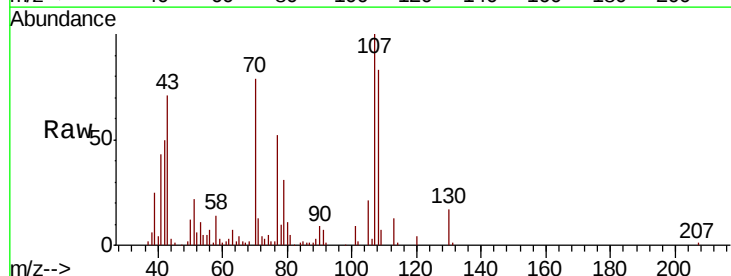
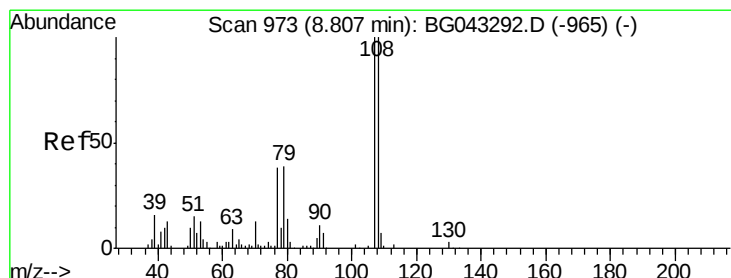
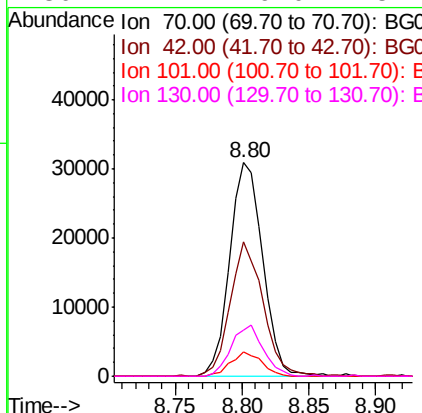
#19
n-Nitroso-di-n-propylamine
Concen: 41.099 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.1	41.4	62.2#	
101	11.4	7.9	11.9	
130	21.7	19.0	28.4	

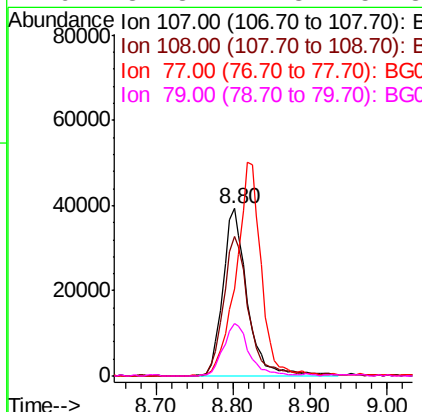
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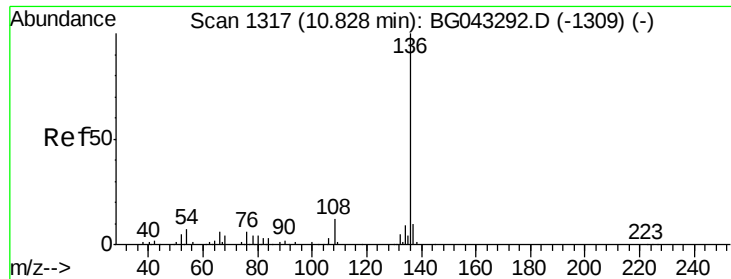
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#20
3+4-Methylphenols
Concen: 47.175 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.9	66.6	106.6	
77	52.1	20.9	60.9	
79	31.3	11.3	51.3	





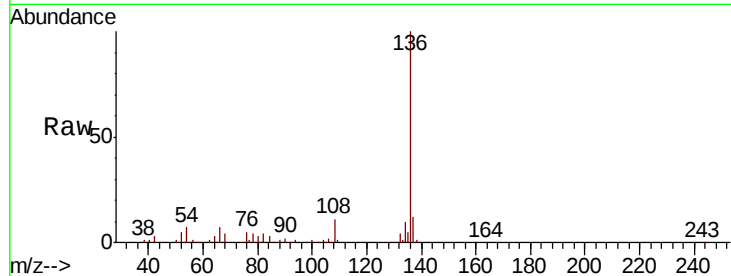
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		106709		
137	11.9	8.7	13.1		
54	6.8	5.4	8.2		
68	4.0	3.0	4.4		

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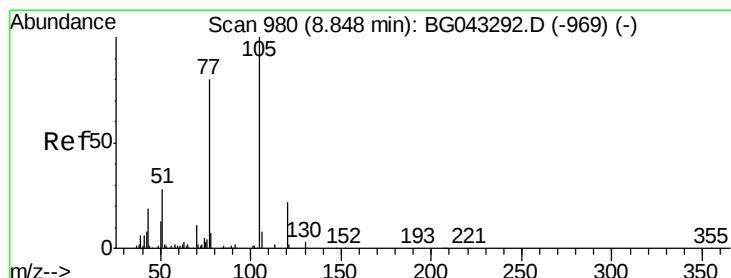
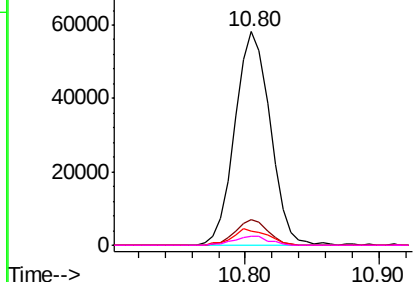
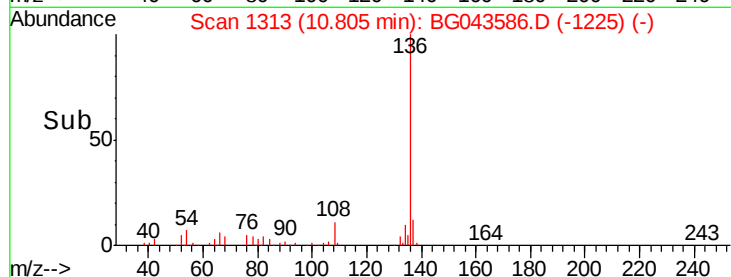
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

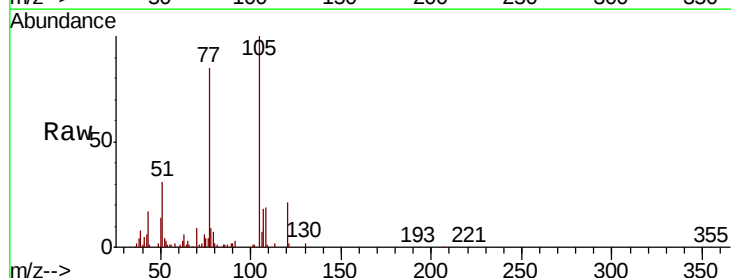
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.422 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		104996		
71	1.4	0.8	1.2#		
51	31.4	21.0	31.4		
120	21.2	18.0	27.0		



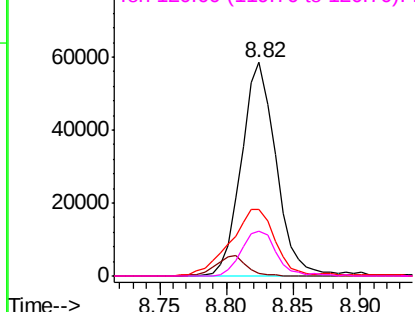
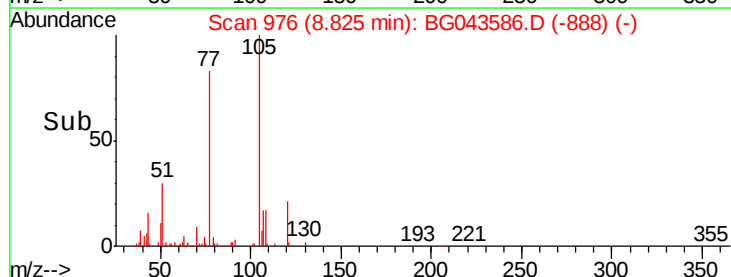
Abundance

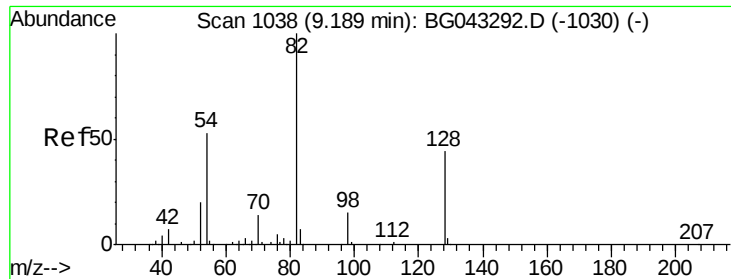
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





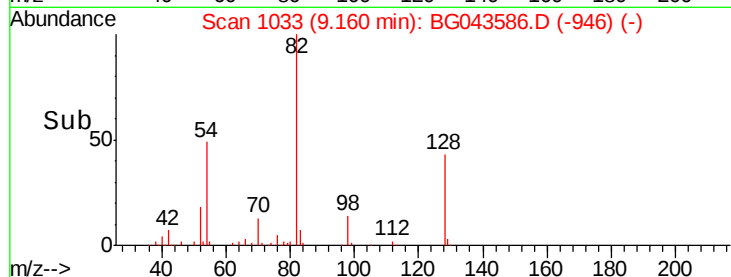
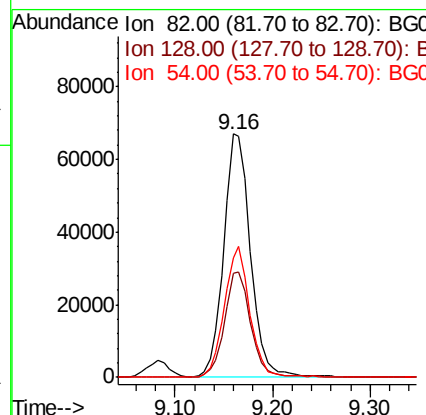
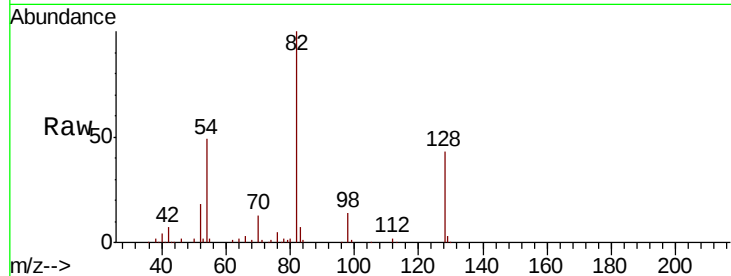
#23
Nitrobenzene-d5
Concen: 61.611 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	127525		
128	42.5	35.0	52.6	
54	49.3	40.2	60.2	

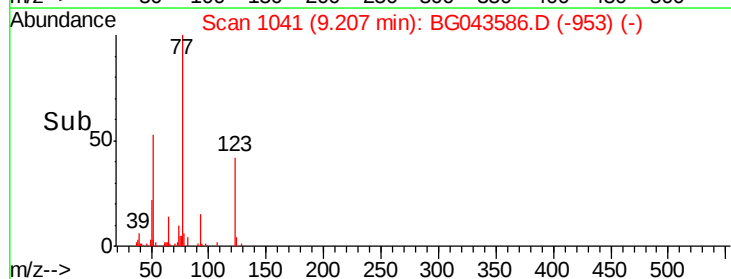
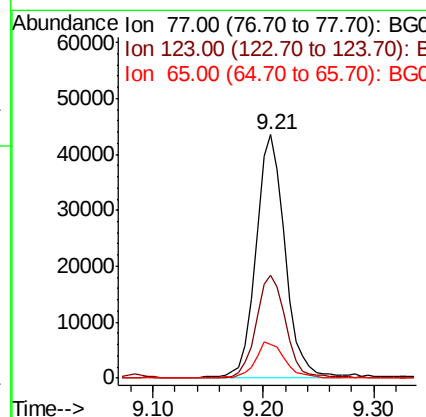
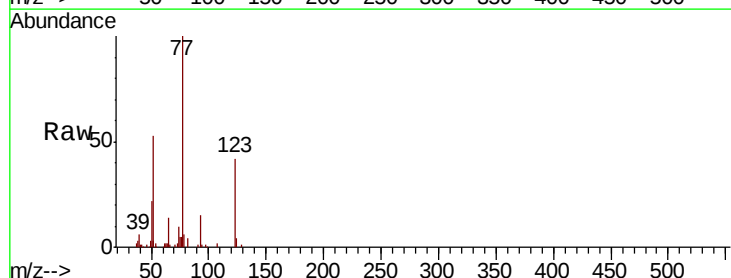
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#24
Nitrobenzene
Concen: 40.847 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	80539		
123	42.2	35.0	52.6	
65	13.9	9.5	14.3	





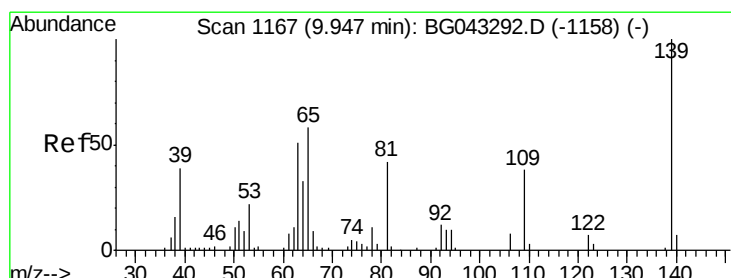
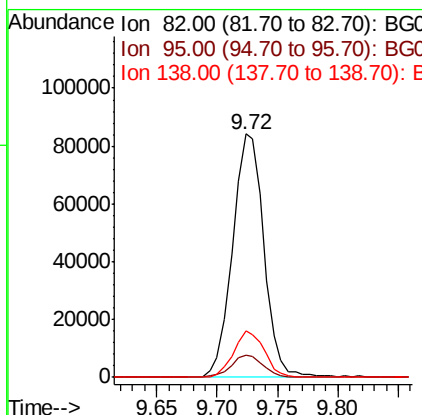
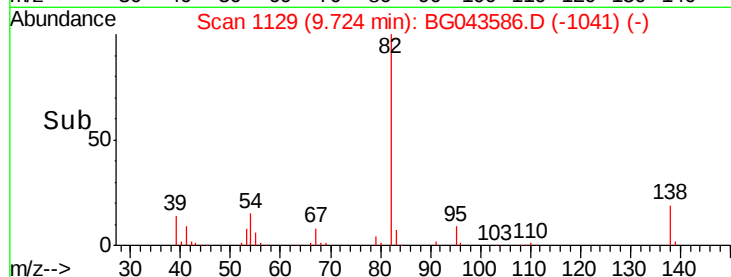
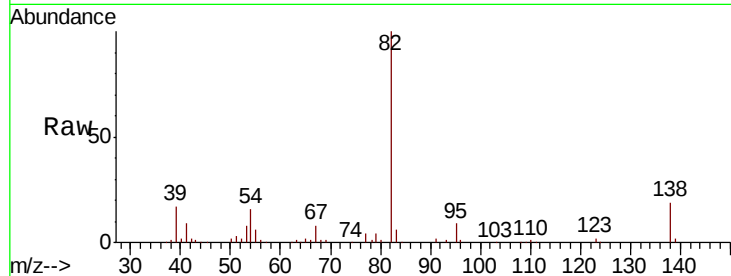
#25
Isophorone
Concen: 40.224 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.1	6.6	9.8	
138	19.0	15.2	22.8	

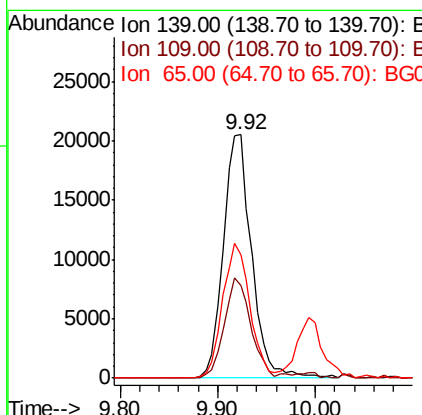
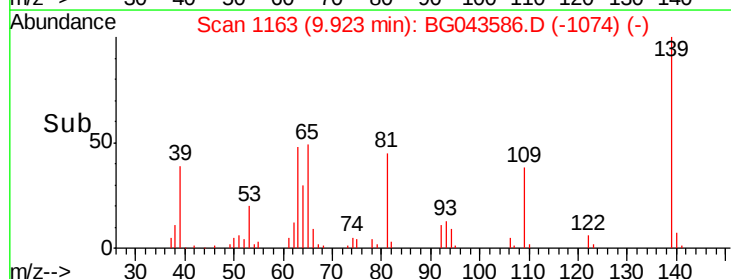
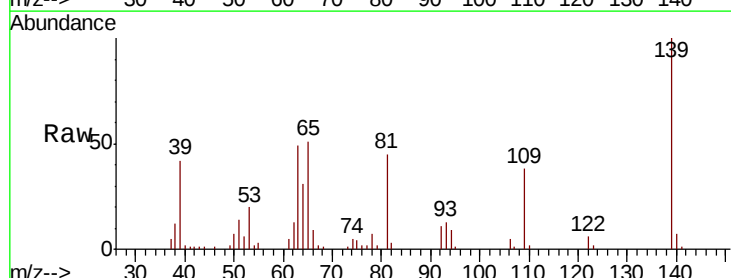
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#26
2-Nitrophenol
Concen: 43.393 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.1	26.5	39.7	
65	50.8	43.8	65.8	





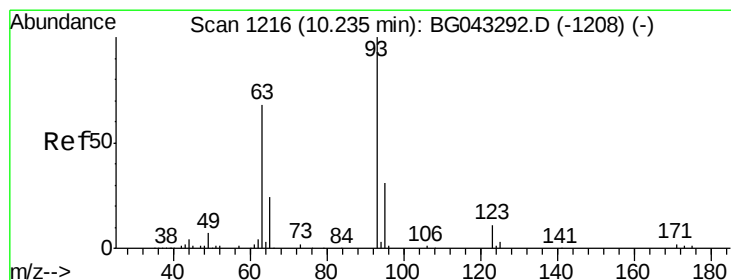
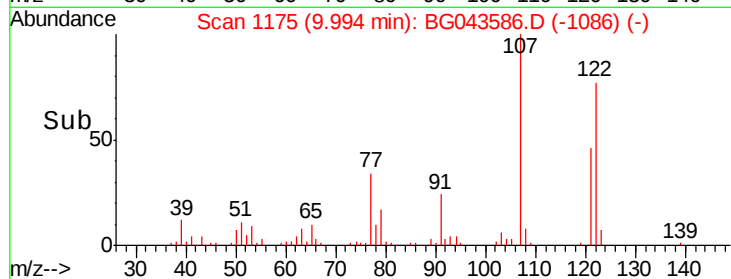
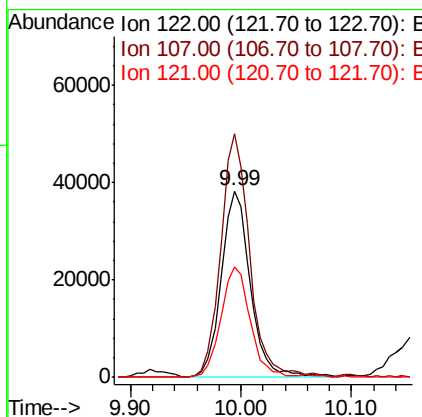
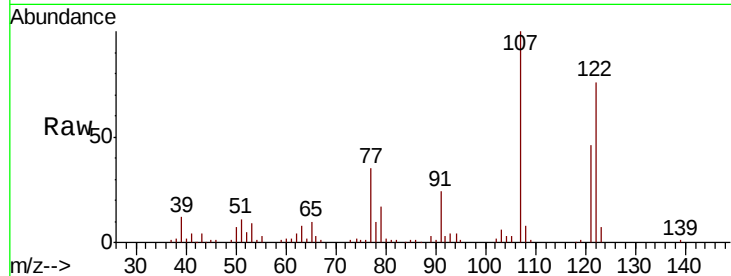
#27
2,4-Dimethylphenol
Concen: 51.653 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	130.8	104.4	156.6		
121	59.7	47.2	70.8		

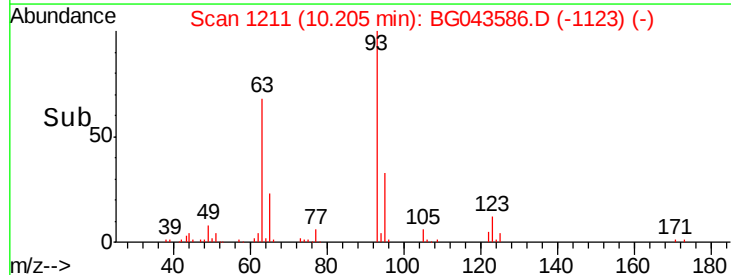
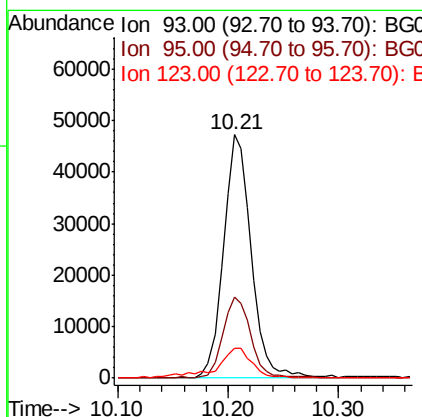
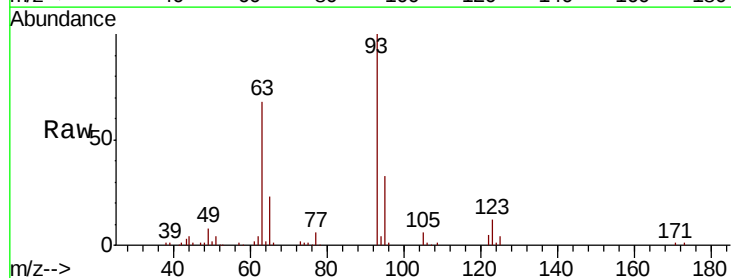
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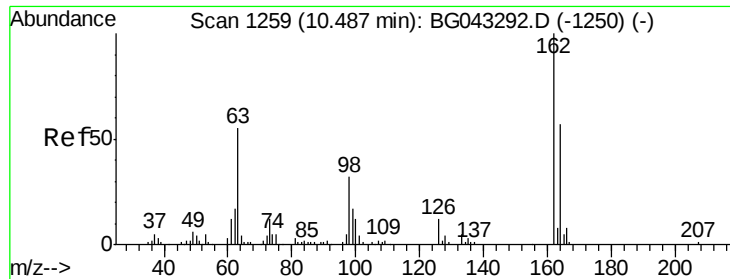
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#28
bis(2-Chloroethoxy)methane
Concen: 39.840 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1	26.0	39.0		
123	12.4	10.6	15.8		





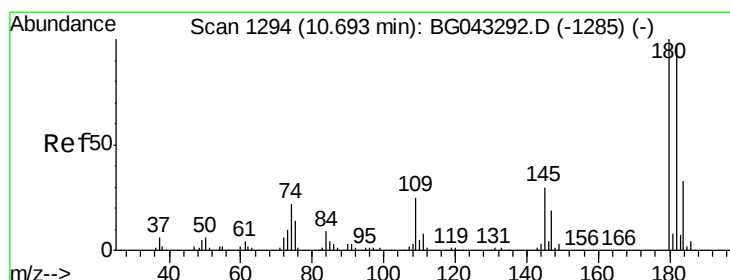
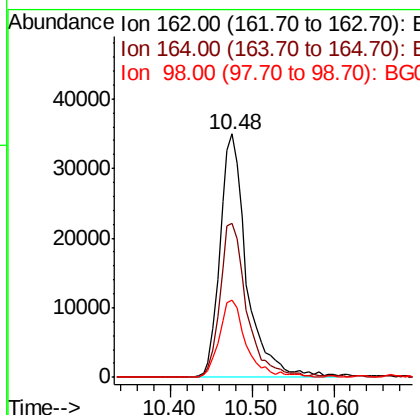
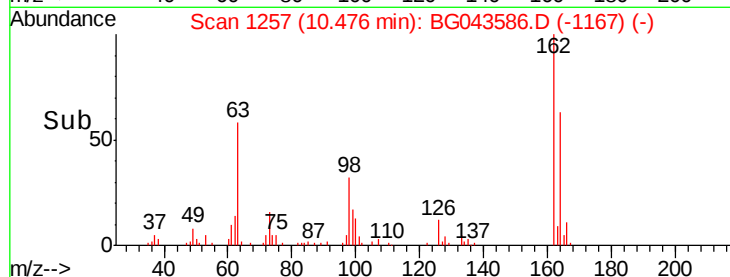
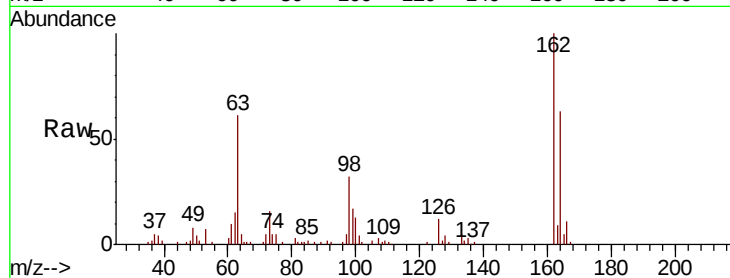
#29
2,4-Dichlorophenol
Concen: 45.212 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:	162	Resp:	79037
Ion Ratio	Lower	Upper	
162	100		
164	63.2	48.9	88.9
98	31.7	15.1	55.1

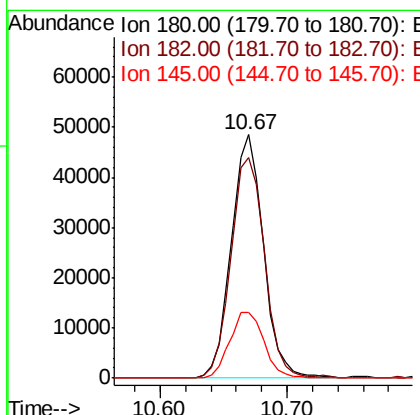
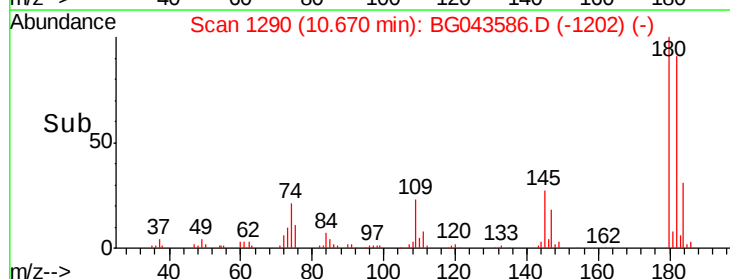
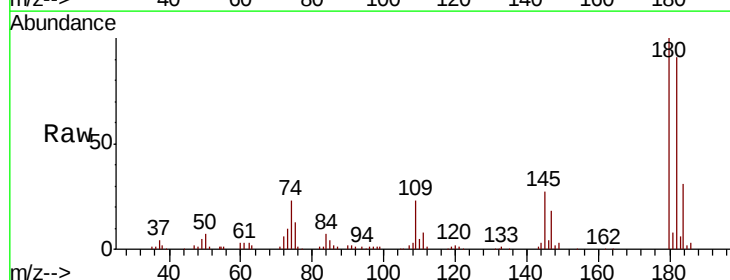
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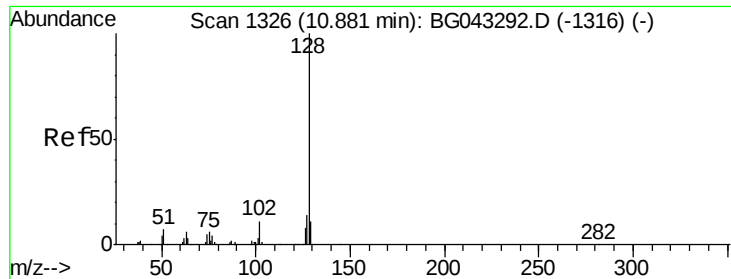
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#30
1,2,4-Trichlorobenzene
Concen: 38.542 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion:	180	Resp:	84919
Ion Ratio	Lower	Upper	
180	100		
182	90.5	75.1	112.7
145	27.2	23.9	35.9





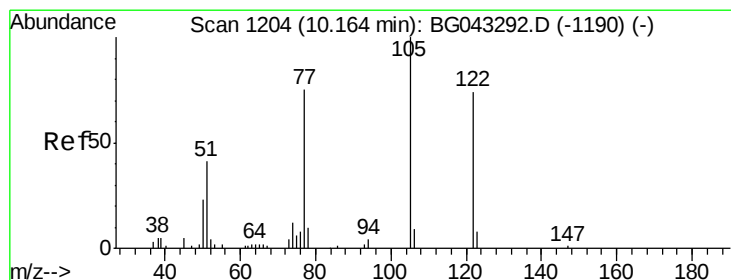
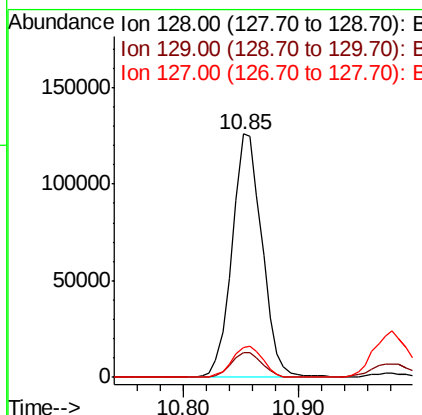
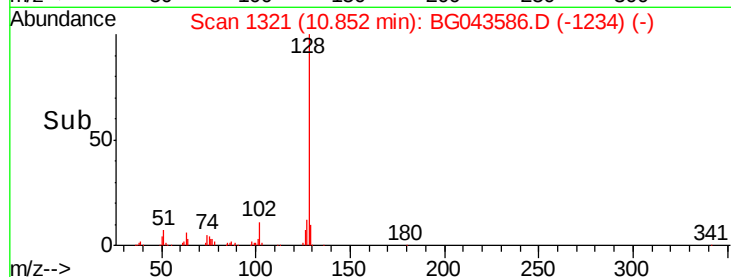
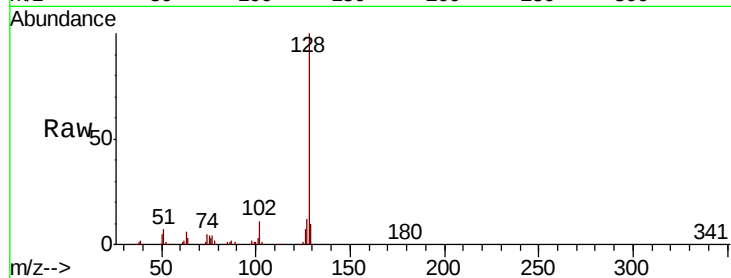
#31
Naphthalene
Concen: 41.727 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	226012		
129	10.3		9.4	14.0
127	12.5		11.1	16.7

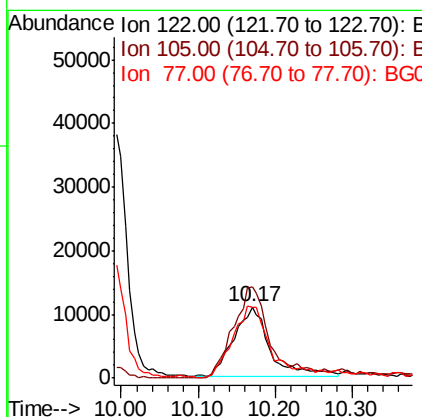
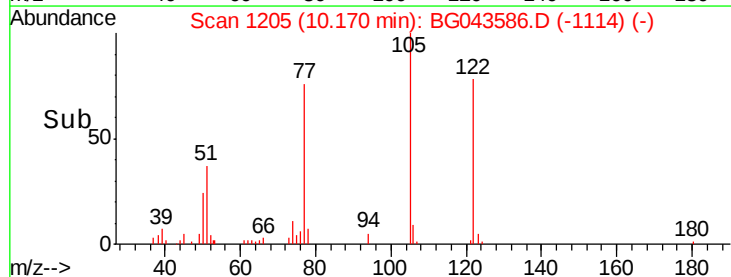
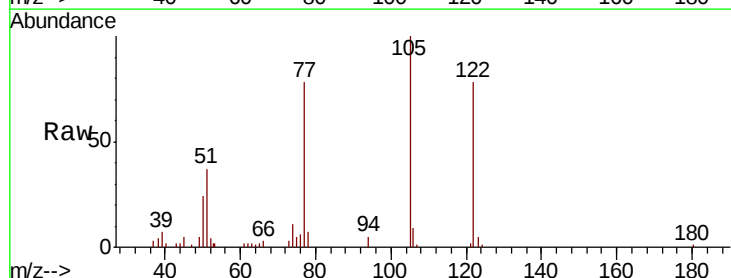
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#32
Benzoic acid
Concen: 37.573 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	36619		
105	128.6		103.3	143.3
77	99.8		84.9	124.9





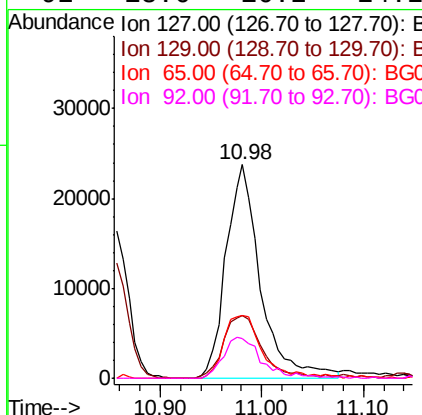
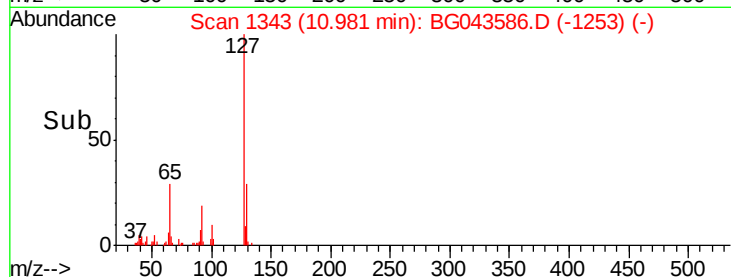
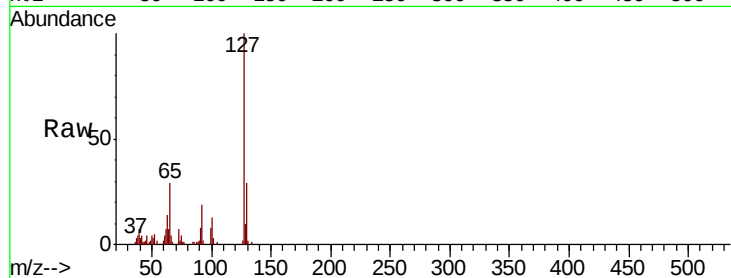
#33
4-Chloroaniline
Concen: 25.196 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.5	26.5	39.7		
65	29.2	26.4	39.6		
92	18.6	16.2	24.2		

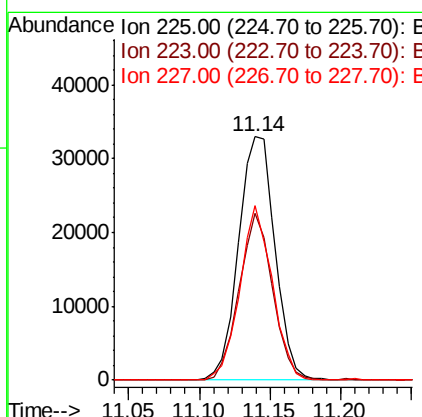
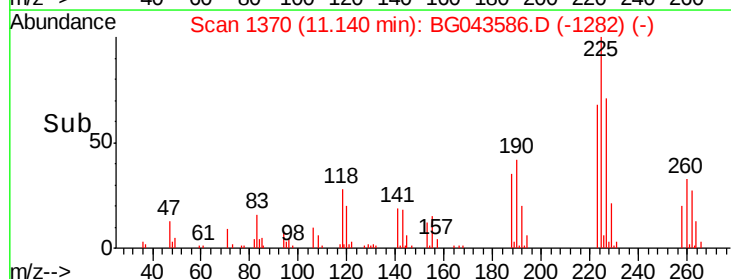
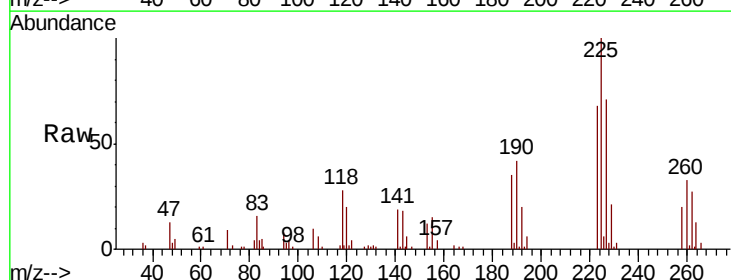
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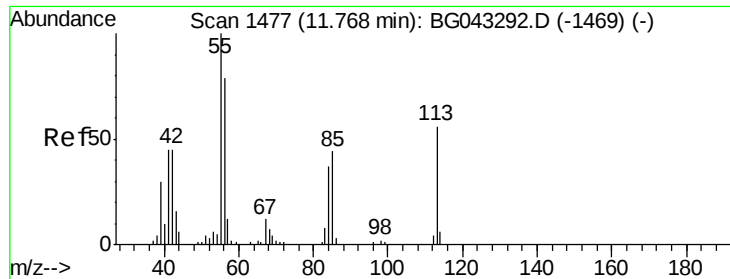
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#34
Hexachlorobutadiene
Concen: 36.503 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	68.4	52.7	79.1		
227	71.5	54.8	82.2		





#35

Caprolactam

Concen: 43.031 ng/ml

RT: 11.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124640BS

Tot Ion:113 Resp: 25907

Ion Ratio Lower Upper

113 100

55 111.7 134.1 174.1#

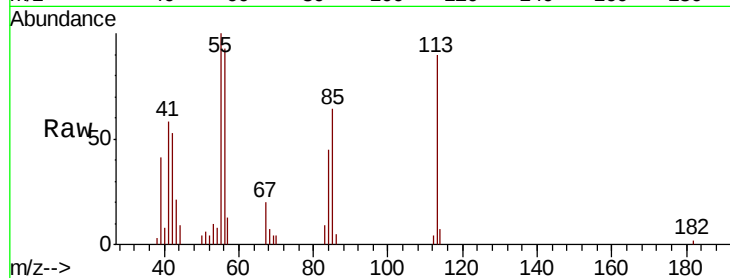
56 103.4 100.4 140.4

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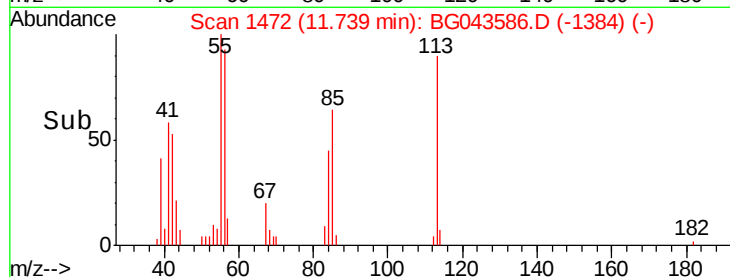


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043292.D (-1469) (-)

Ion 56.00 (55.70 to 56.70): BG043292.D (-1469) (-)

Time-->

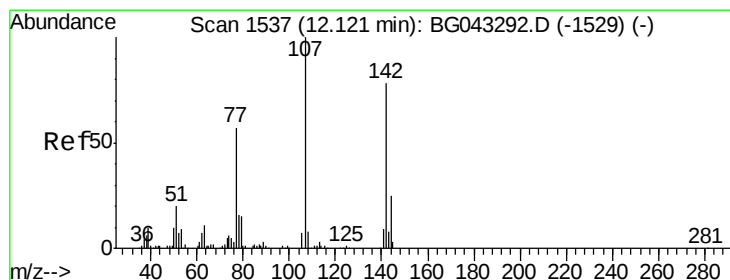


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043586.D (-1384) (-)

Ion 56.00 (55.70 to 56.70): BG043586.D (-1384) (-)

Time-->



#36

4-Chloro-3-methylphenol

Concen: 44.800 ng/ml

RT: 12.11 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

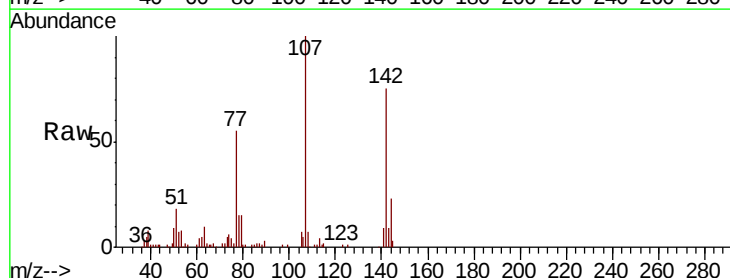
Tgt Ion:107 Resp: 85426

Ion Ratio Lower Upper

107 100

144 23.2 20.9 31.3

142 75.4 59.6 89.4

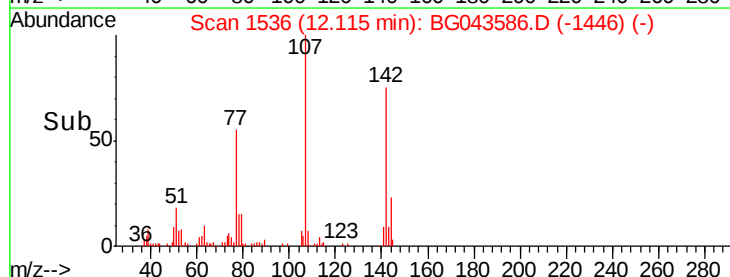


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



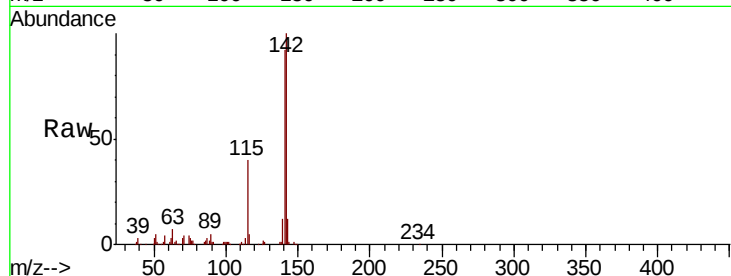
#37
2-Methylnaphthalene
Concen: 41.686 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.2
115	40.4	33.2	49.8

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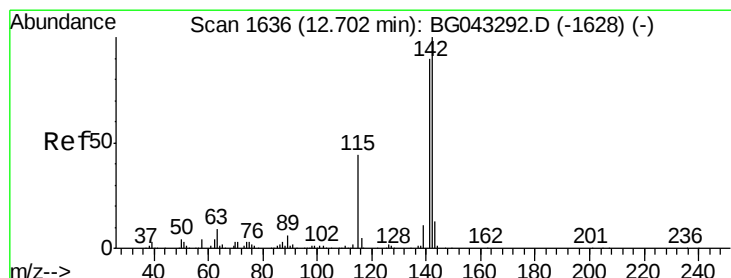
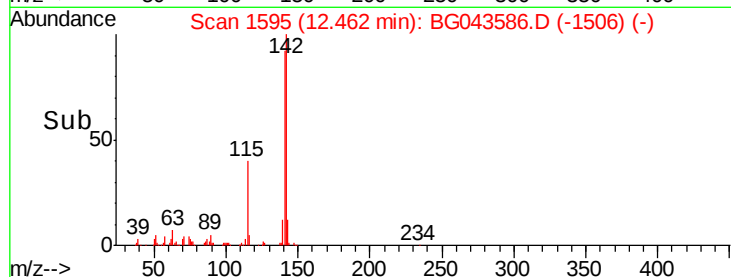
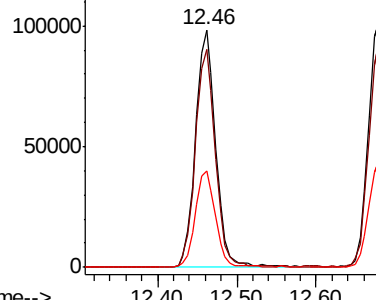


Abundance

Ion 142.00 (141.70 to 142.70): E

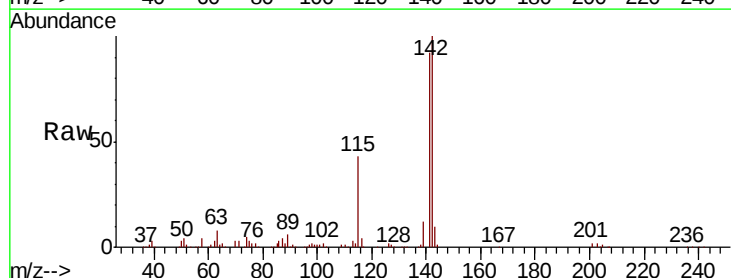
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.970 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8
116	4.4	3.6	5.4

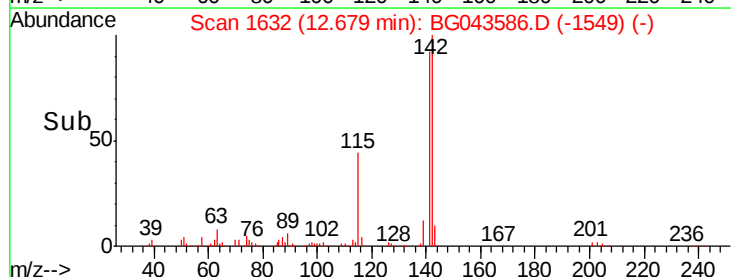
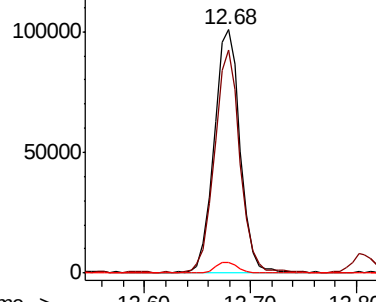


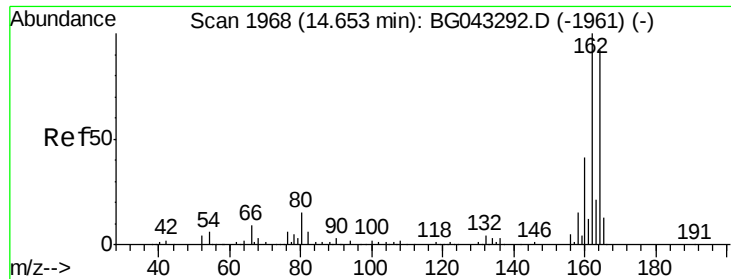
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





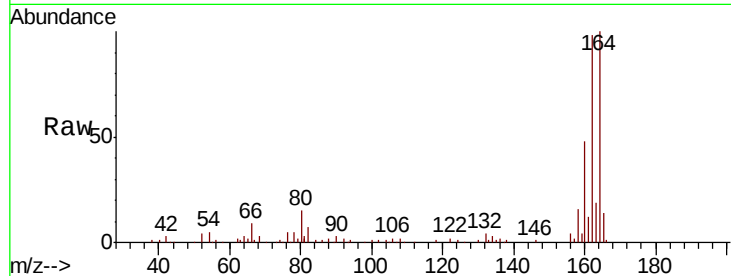
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	83.5	125.3
160	47.7	36.5	54.7

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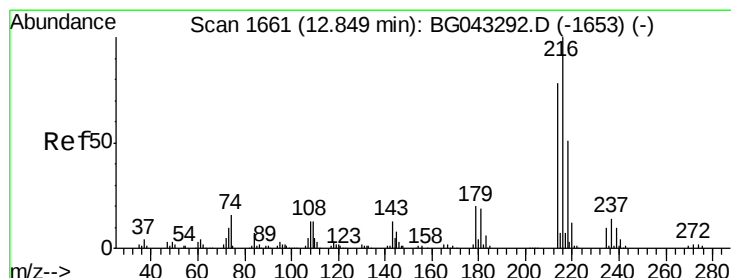
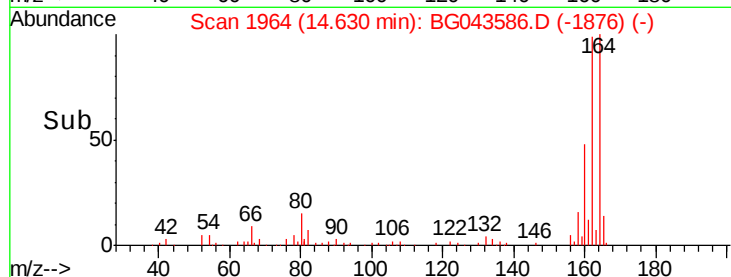
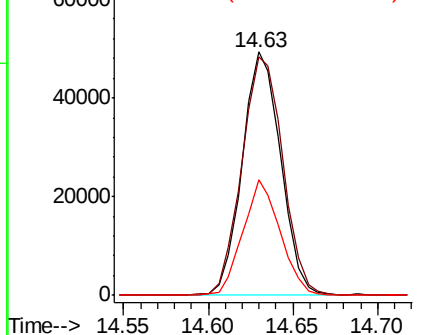


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.432 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.7	92.5
179	19.6	15.8	23.8
108	15.7	11.5	17.3

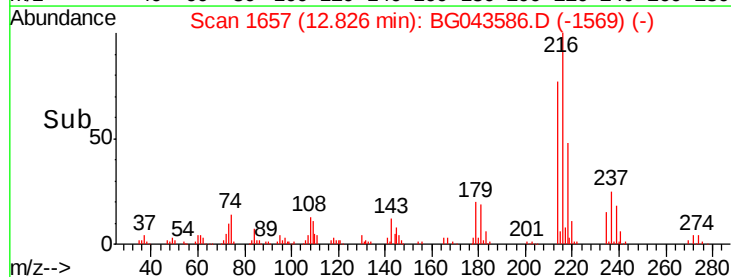
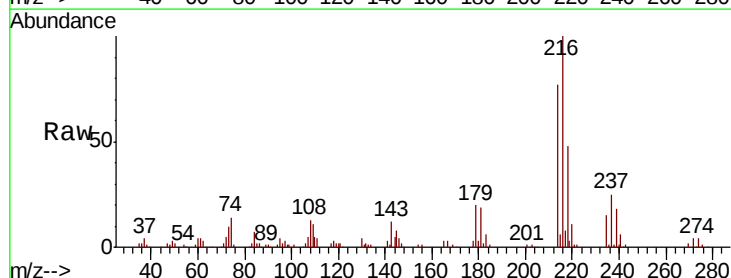
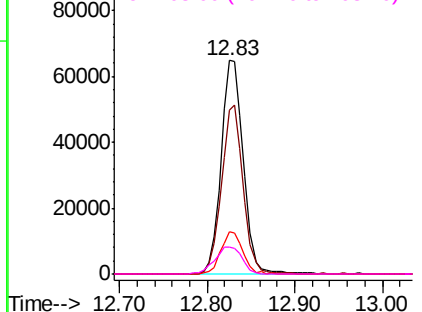
Abundance

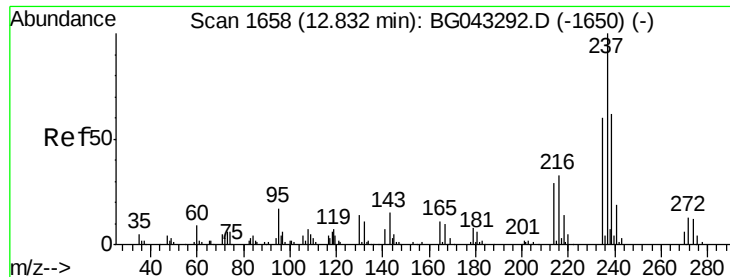
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.138 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

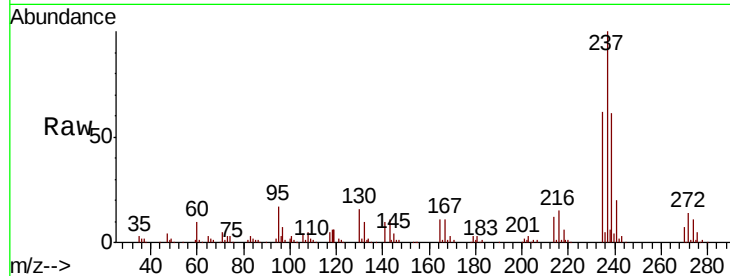
ClientSampleId :

PB124640BS

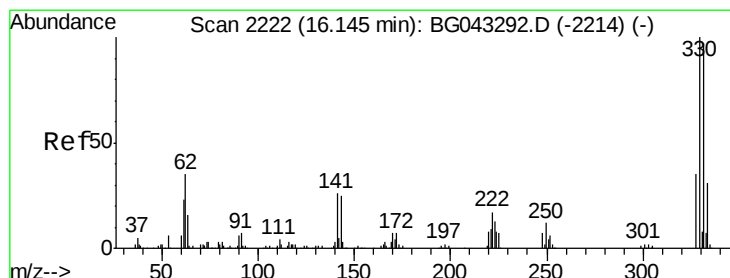
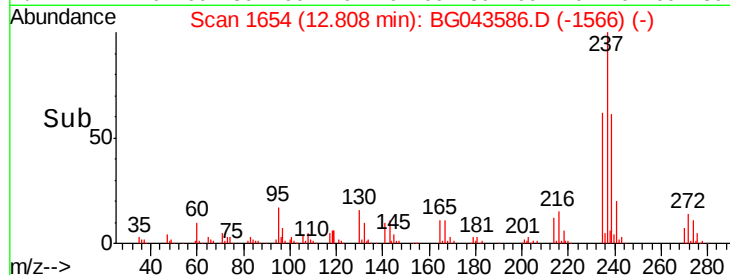
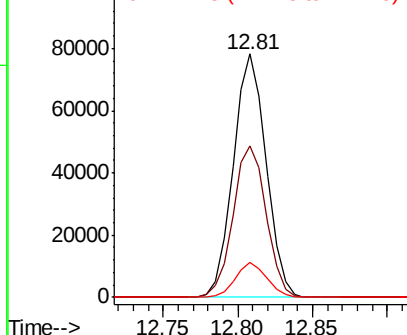
Tot Ion:	237	Resp:	119812
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.6	81.6
272	14.1	0.0	32.5

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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: 109.154 ng

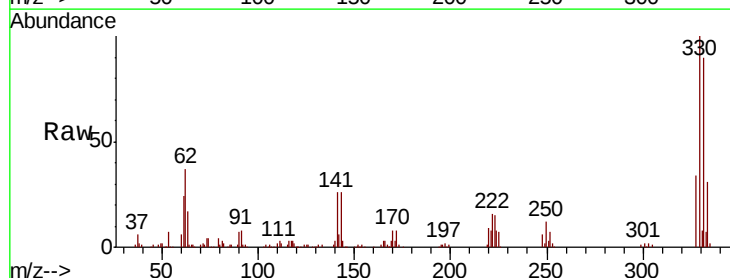
RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

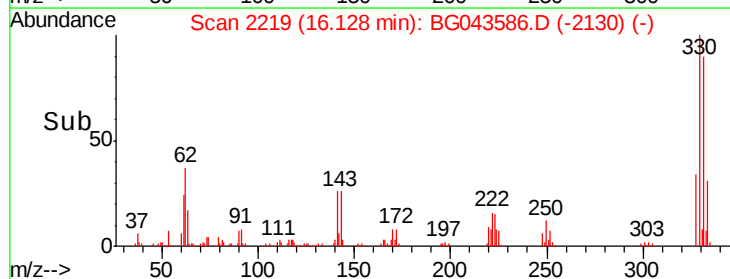
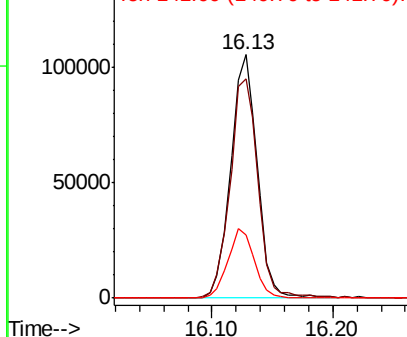
Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:	330	Resp:	161764
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.4	116.0
141	28.6	22.8	34.2



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





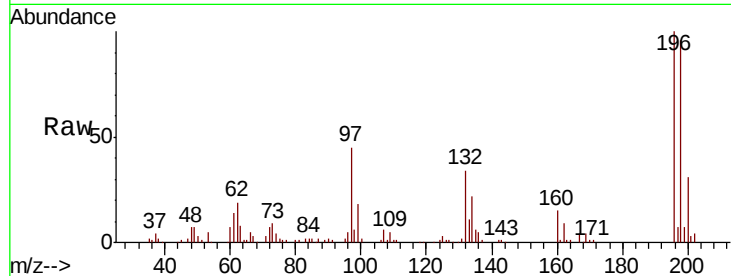
#43
 2,4,6-Trichlorophenol
 Concen: 41.836 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	71007		
198	95.5	75.8	113.6	
200	31.2	23.9	35.9	

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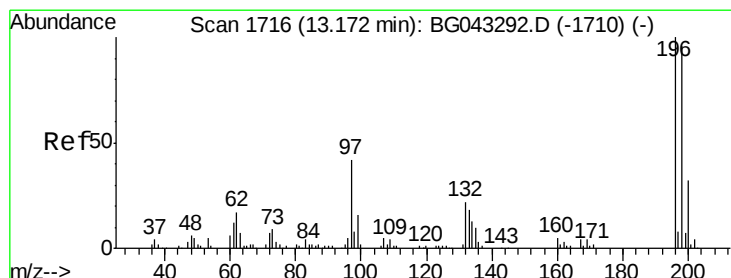
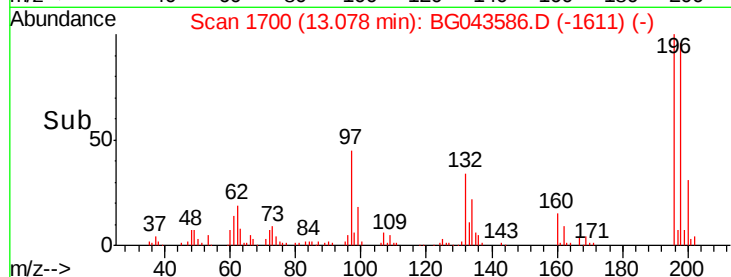
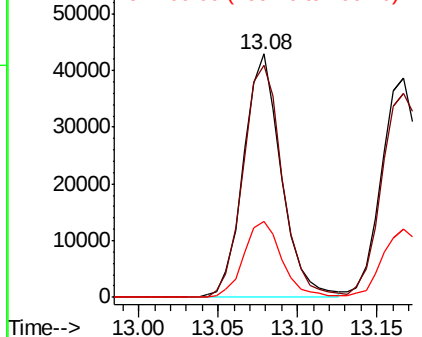


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.071 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	75623		
198	93.2	74.5	111.7	
97	42.3	36.3	54.5	
132	24.2	17.4	26.2	

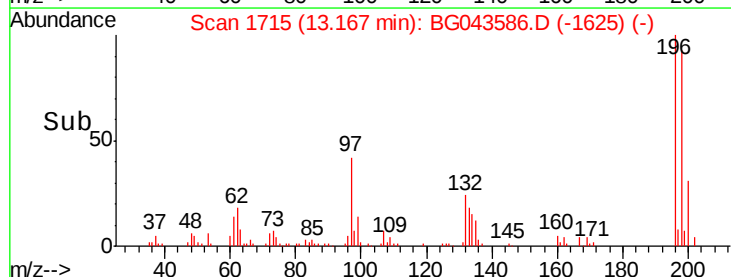
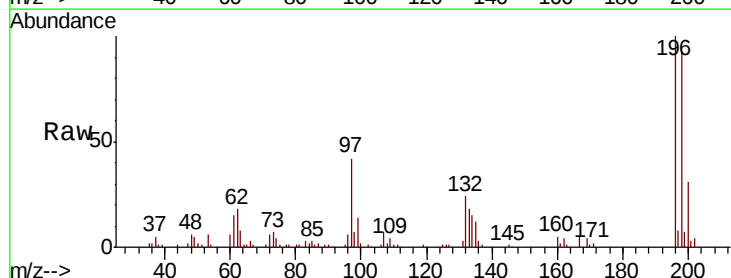
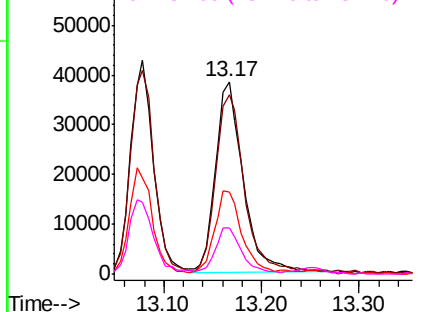
Abundance

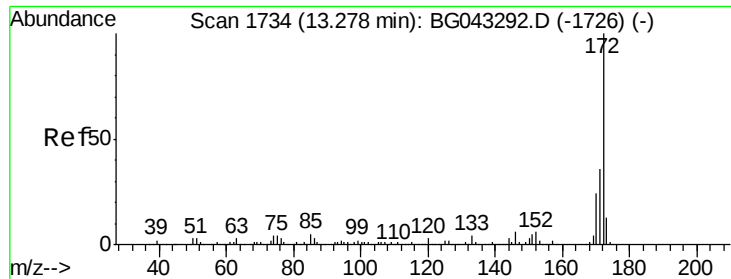
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





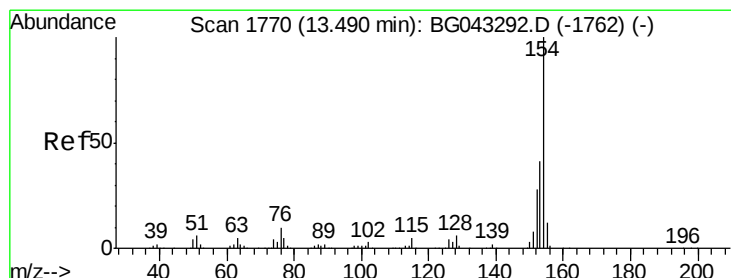
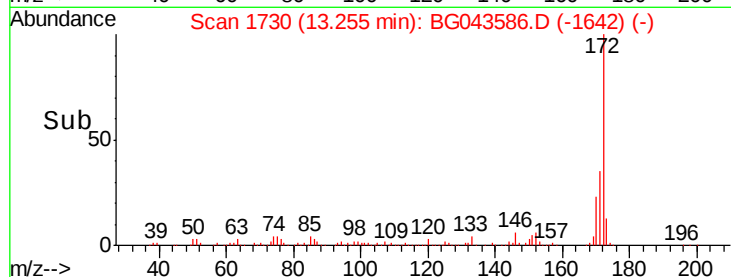
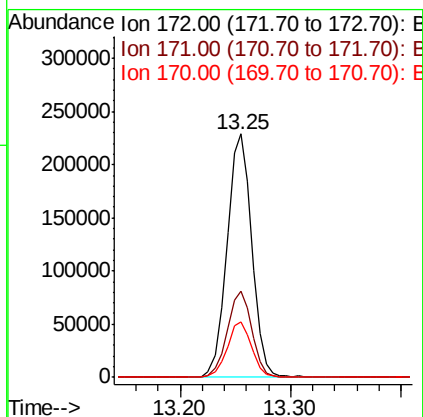
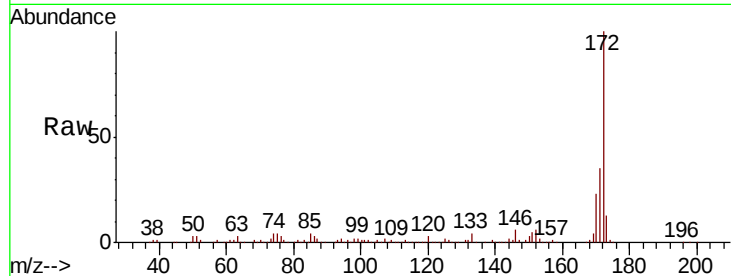
#45
2-Fluorobiphenyl
Concen: 63.715 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	22.7	18.5	27.7

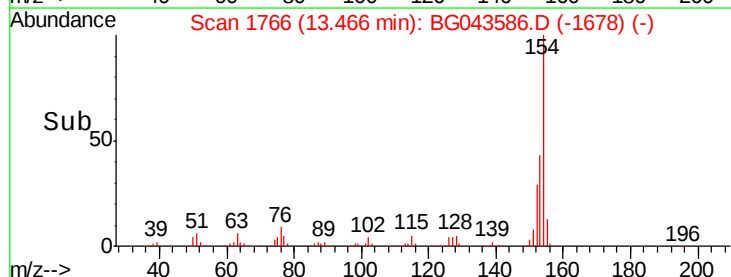
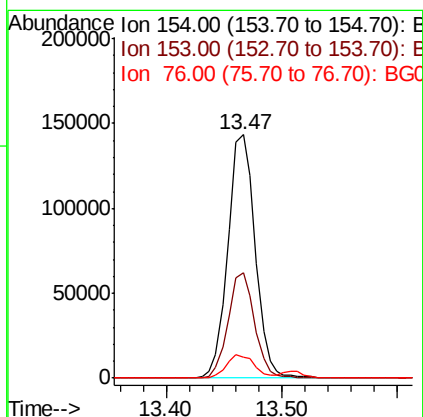
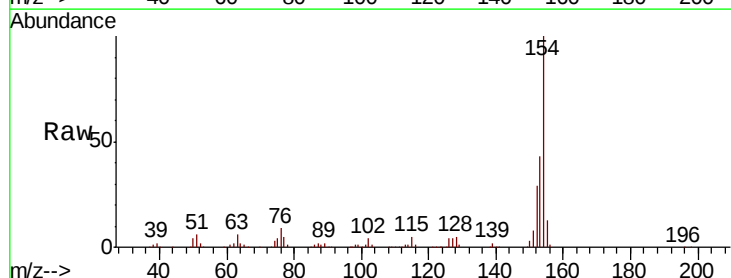
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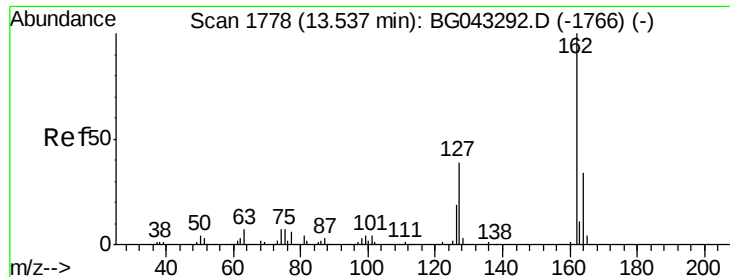
mohammad
11/12/2019 5:04:01 PM



#46
1,1'-Biphenyl
Concen: 39.850 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.9	59.9
76	8.6	0.0	29.4





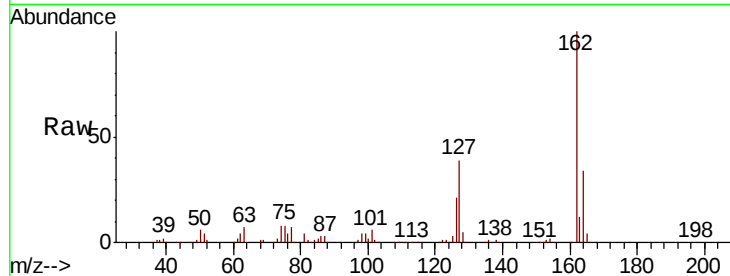
#47
2-Chloronaphthalene
Concen: 39.765 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	179248		
127	39.2	31.2	46.8	
164	33.9	25.8	38.8	

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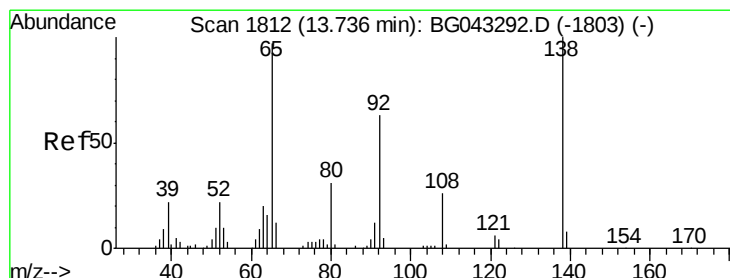
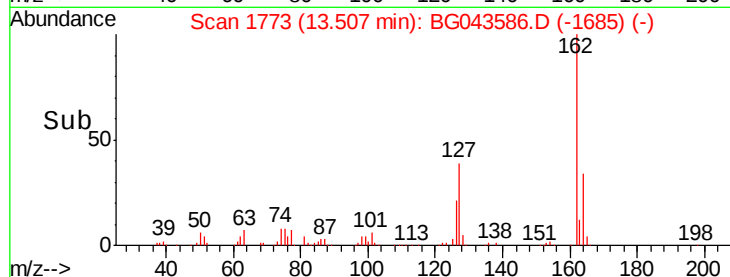
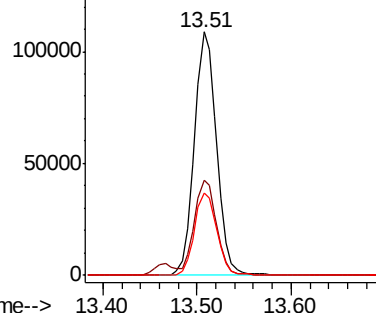


Abundance

Ion 162.00 (161.70 to 162.70): E

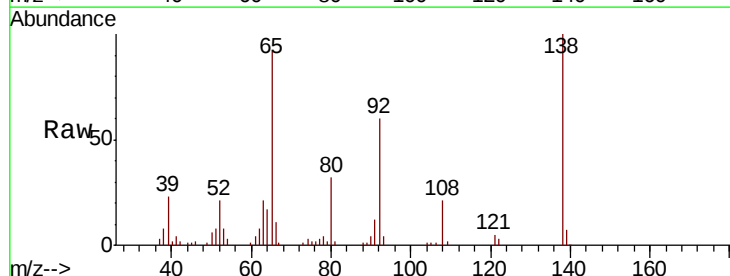
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.650 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	54766		
92	65.6	56.2	84.2	
138	108.8	82.6	123.8	

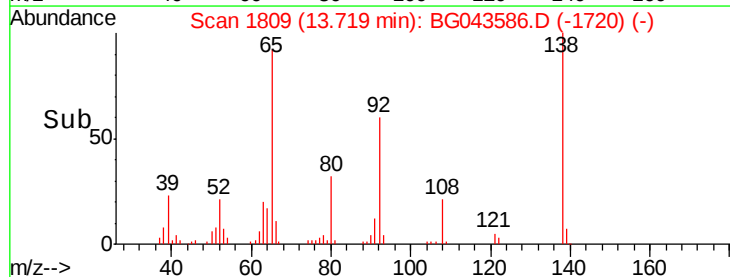
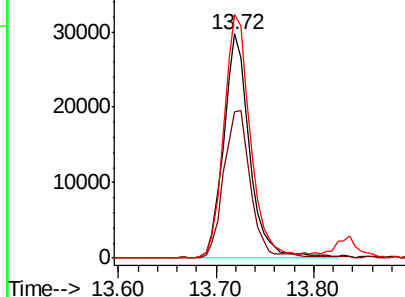


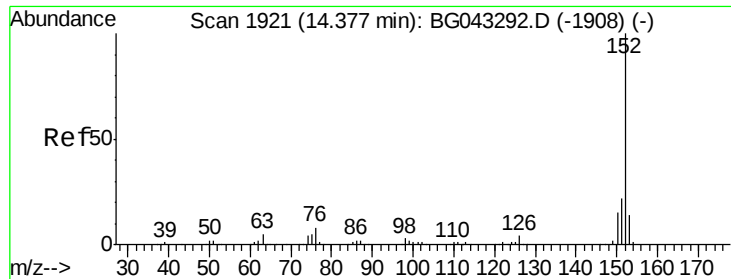
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.925 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

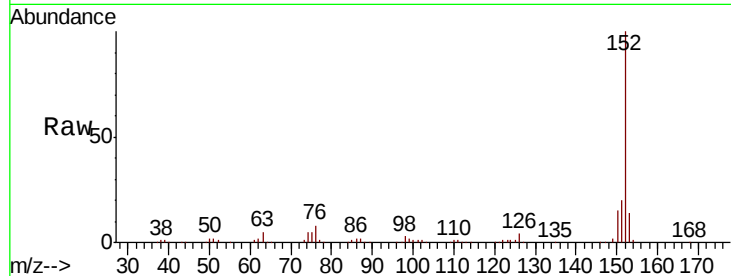
ClientSampleId :

PB124640BS

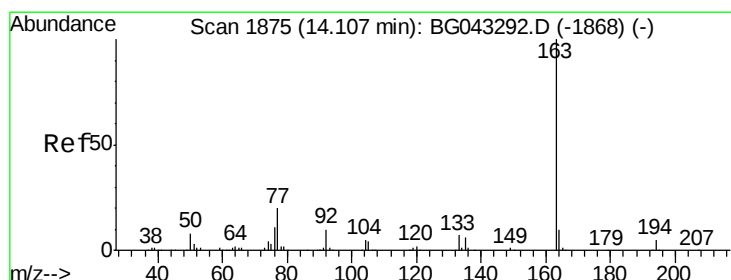
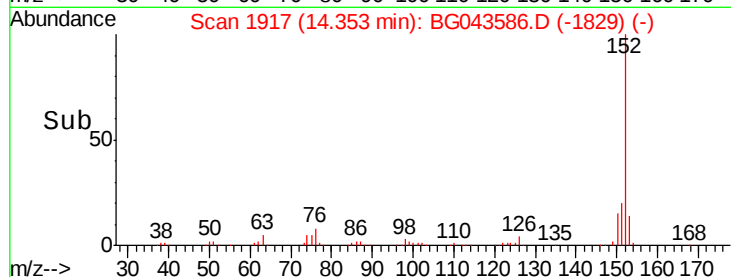
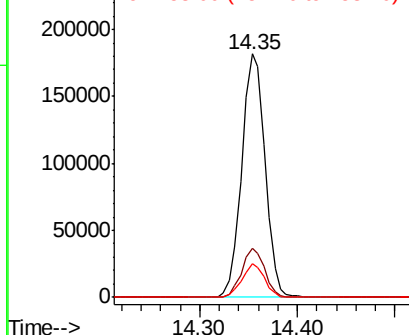
Tot Ion:	152	Resp:	301146
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.8	10.6	15.8

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



#50

Dimethylphthalate

Concen: 41.009 ng

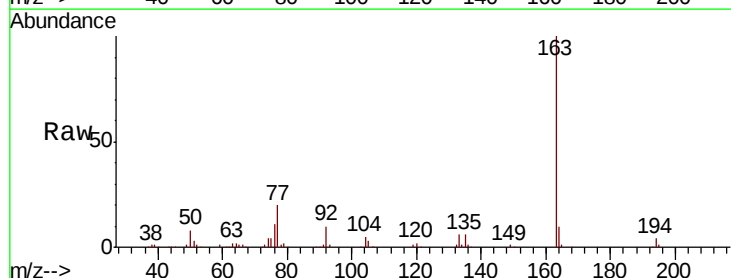
RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

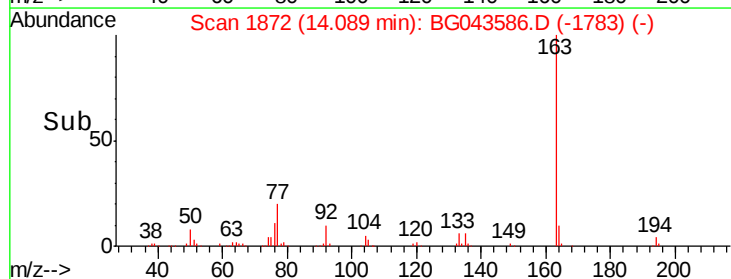
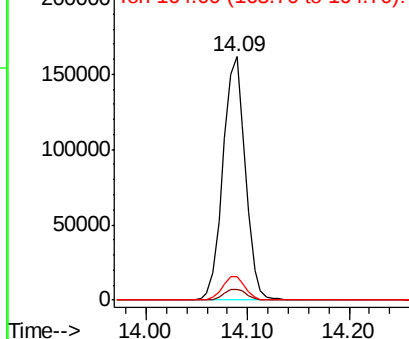
Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:	163	Resp:	247365
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.8	5.6
164	9.8	8.9	13.3



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





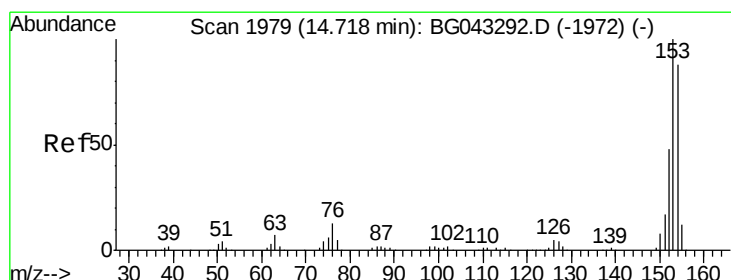
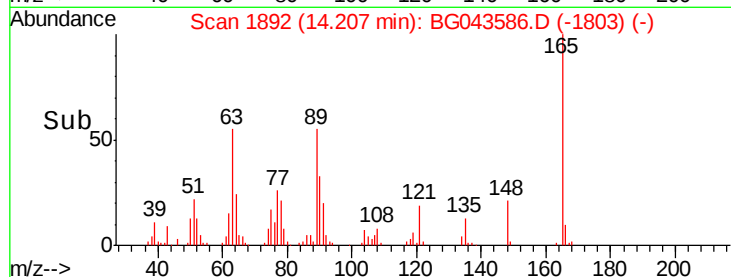
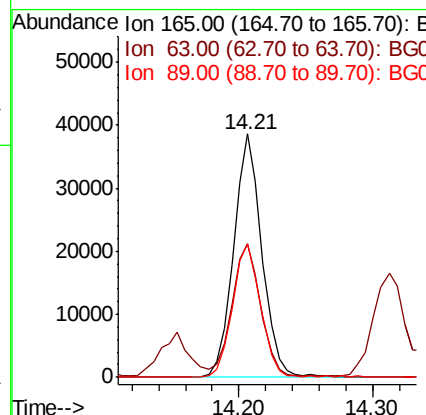
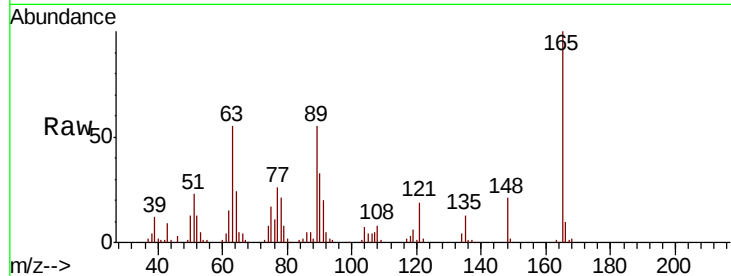
#51
 2,6-Dinitrotoluene
 Concen: 43.397 ng
 RT: 14.21 min Scan# 1892
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleID :
 PB124640BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	46.6	69.8
89	54.7	45.1	67.7

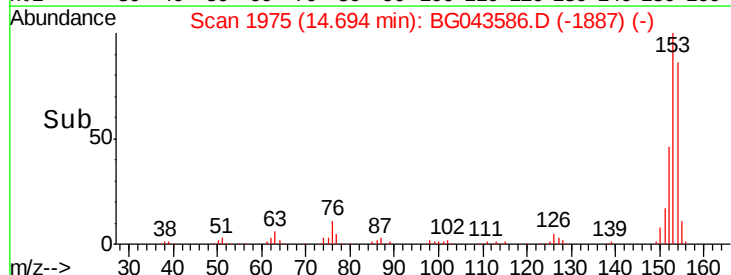
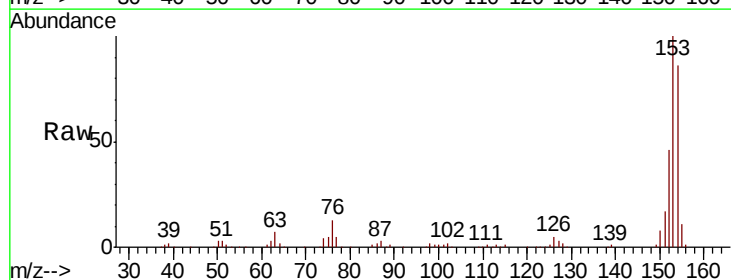
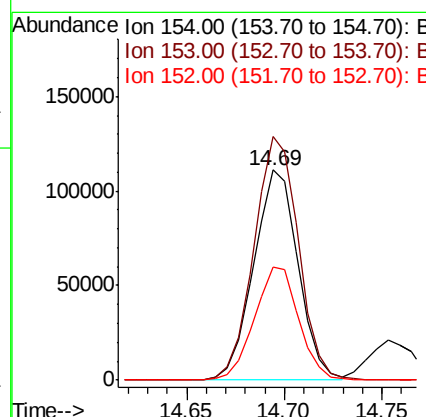
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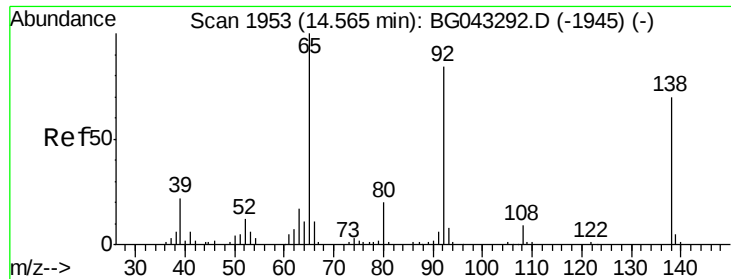
mohammad
 11/12/2019 5:04:01 PM



#52
 Acenaphthene
 Concen: 40.772 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.1	88.2	132.2
152	53.6	40.0	60.0





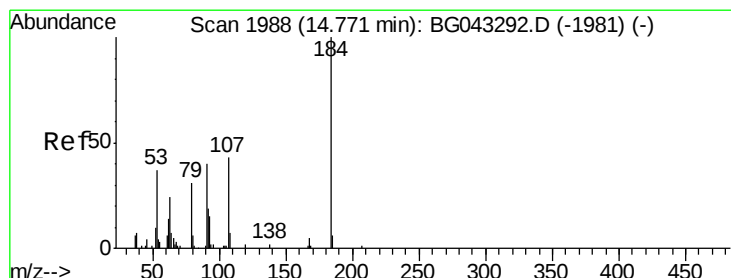
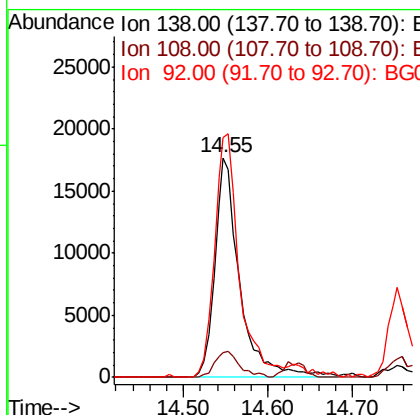
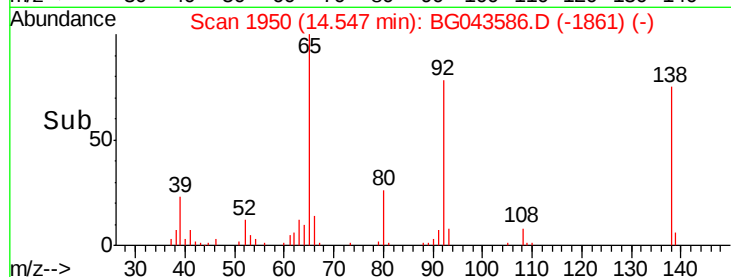
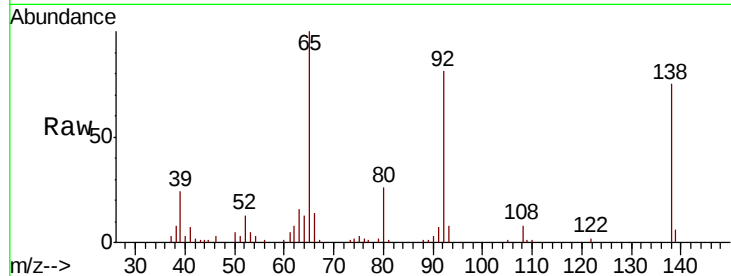
#53
3-Nitroaniline
Concen: 28.842 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.0	12.0
92	109.1	90.9	136.3

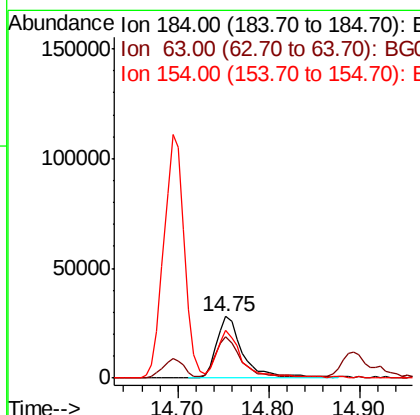
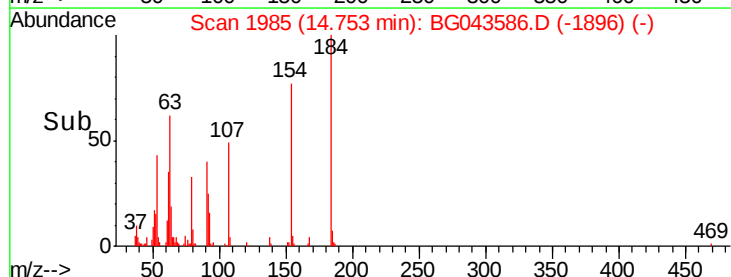
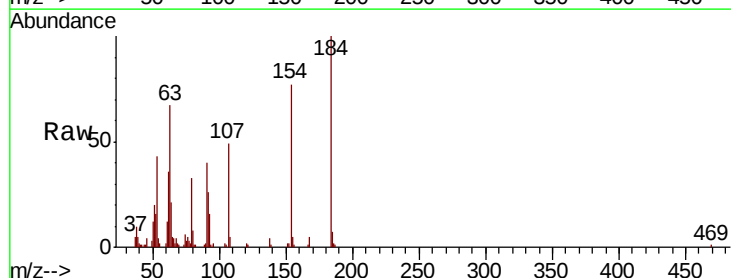
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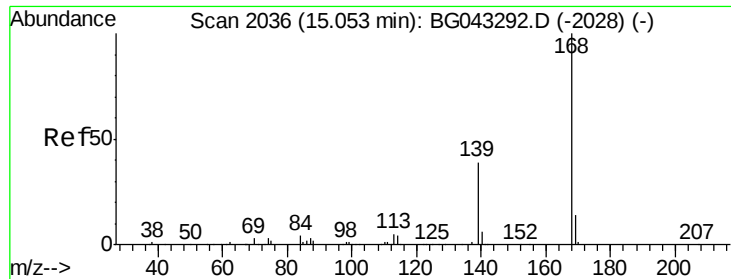
mohammad
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#54
2,4-Dinitrophenol
Concen: 70.233 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.6	51.3	76.9
154	77.2	55.4	83.0





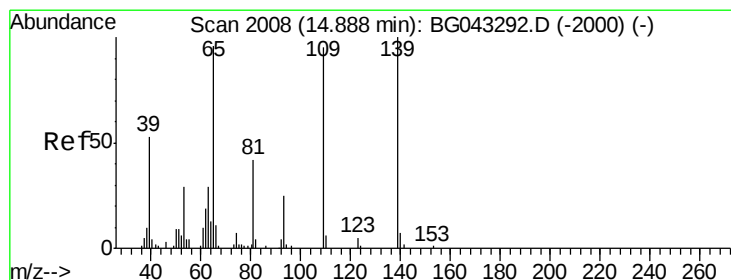
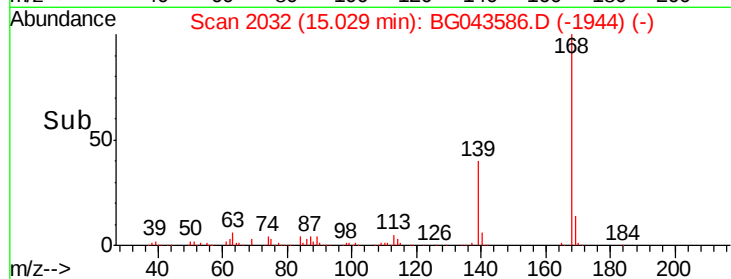
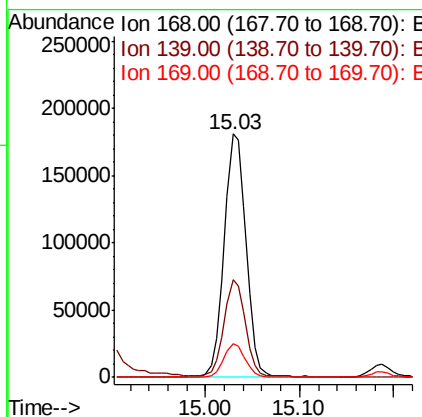
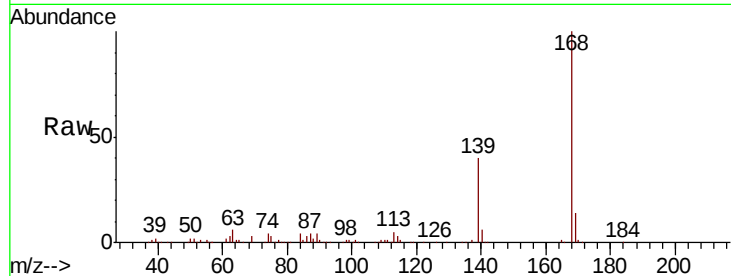
#55
Dibenzofuran
Concen: 42.497 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.0	46.6
169	13.7	11.7	17.5

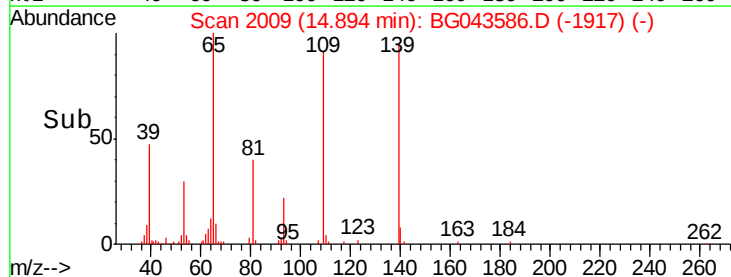
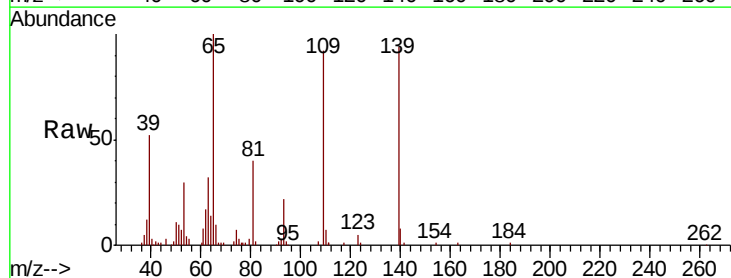
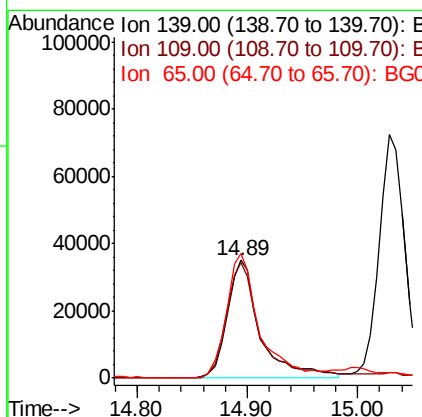
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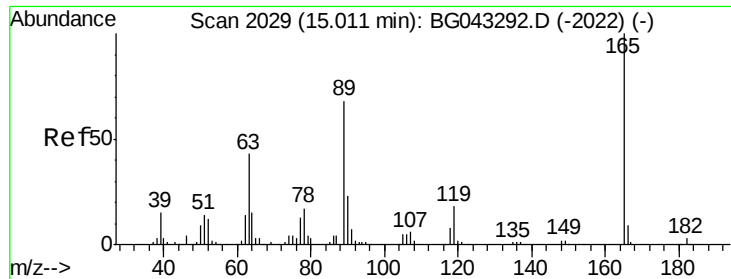
mohammad
11/12/2019 5:04:01 PM



#56
4-Nitrophenol
Concen: 86.298 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.0	87.2	127.2
65	106.0	83.8	123.8





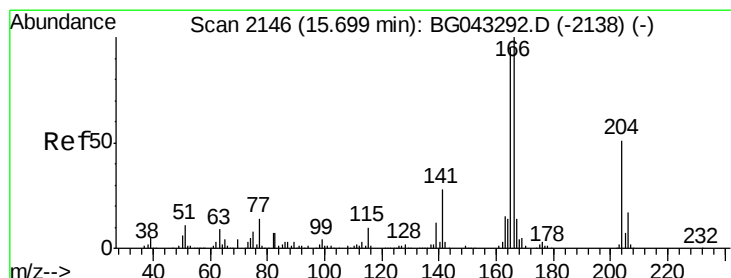
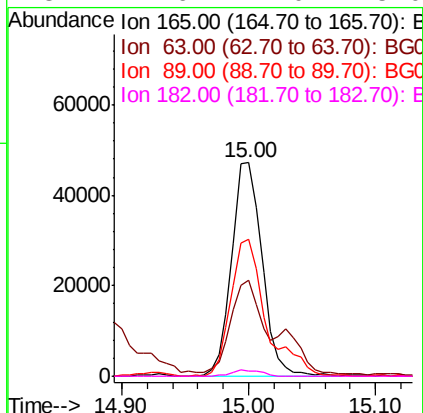
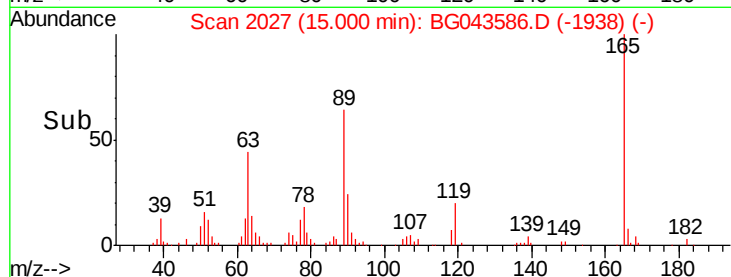
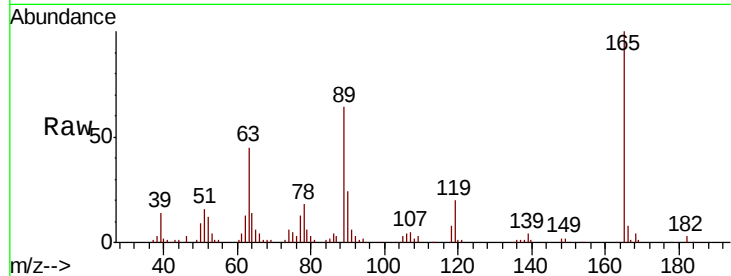
#57
2,4-Dinitrotoluene
Concen: 42.080 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	78806		
63	44.8		33.2	49.8
89	64.4		52.2	78.4
182	2.6		2.0	3.0

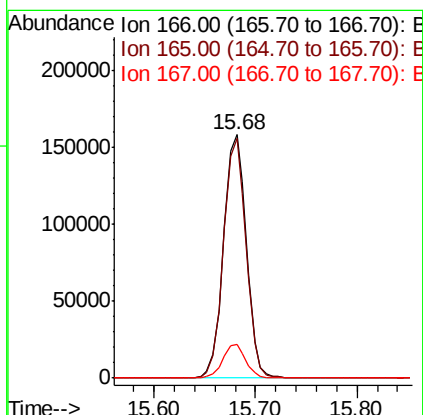
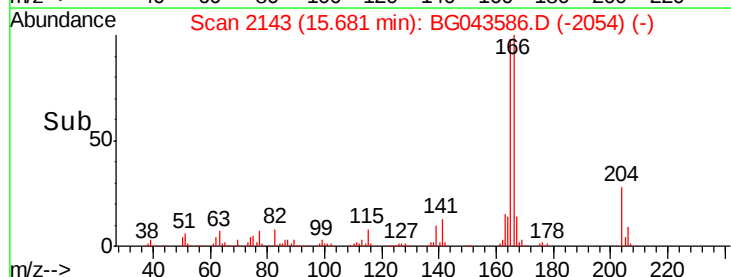
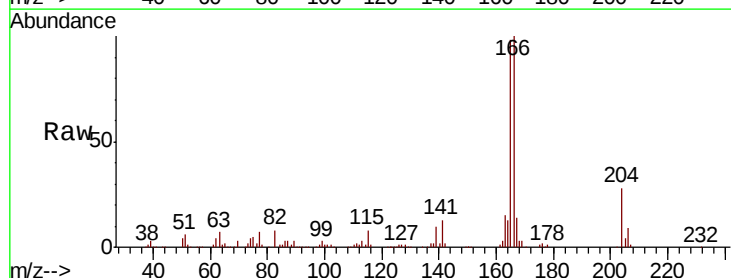
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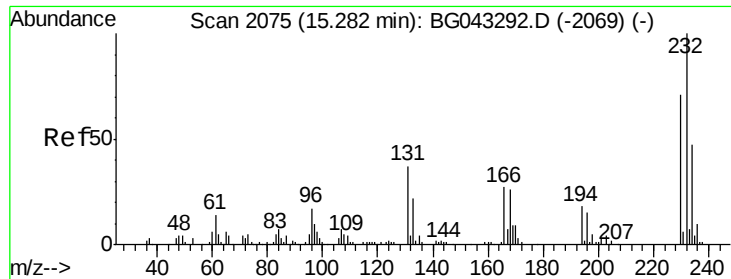
mohammad
11/12/2019 5:04:01 PM



#58
Fluorene
Concen: 42.447 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	247002		
165	98.3		79.0	118.6
167	13.8		10.5	15.7





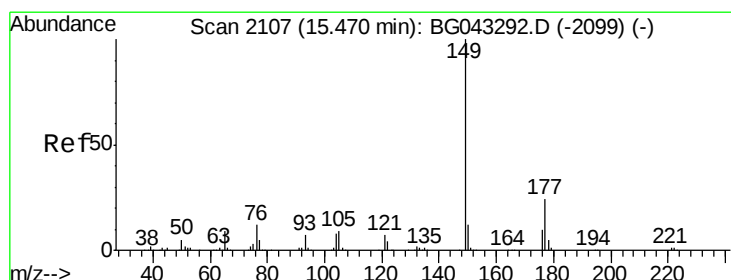
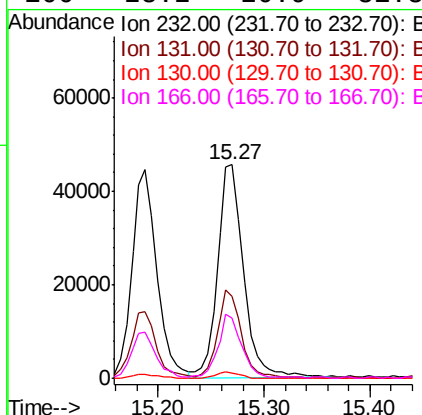
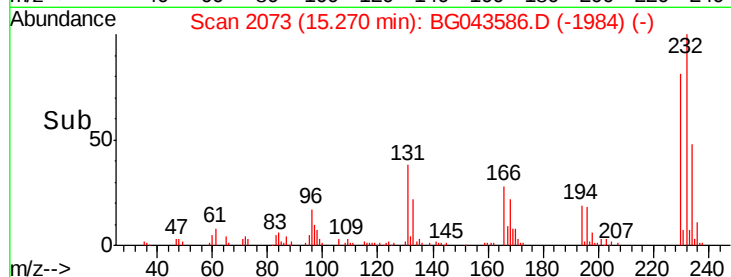
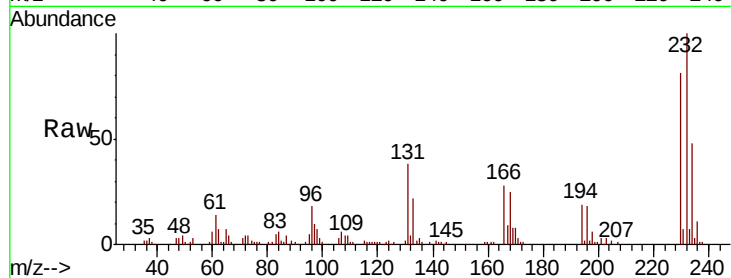
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.544 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	77561		
131	38.8		26.9	40.3
130	2.4		1.8	2.6
166	28.2		20.9	31.3

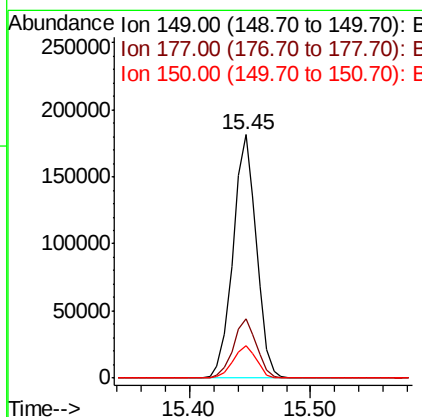
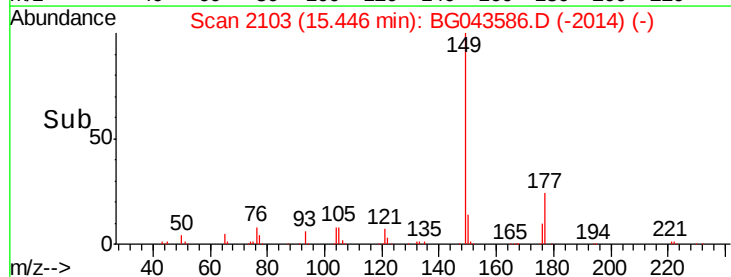
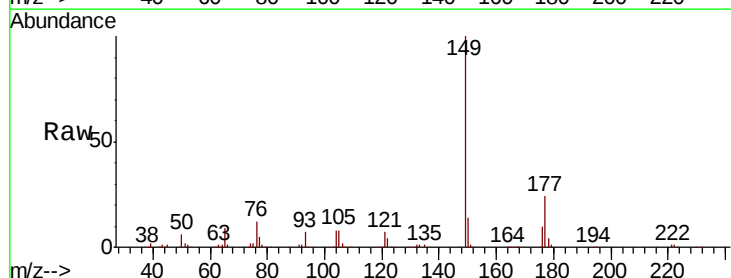
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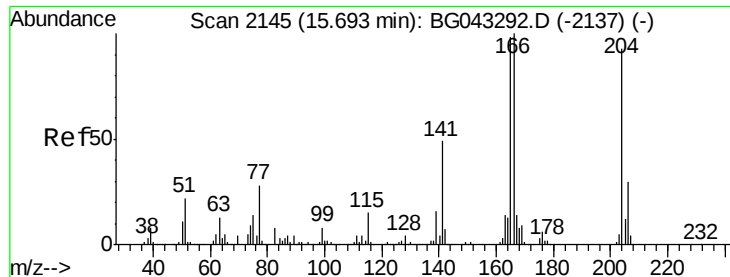
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#60
Diethylphthalate
Concen: 40.401 ng
RT: 15.45 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	244867		
177	24.4		19.6	29.4
150	13.5		10.8	16.2





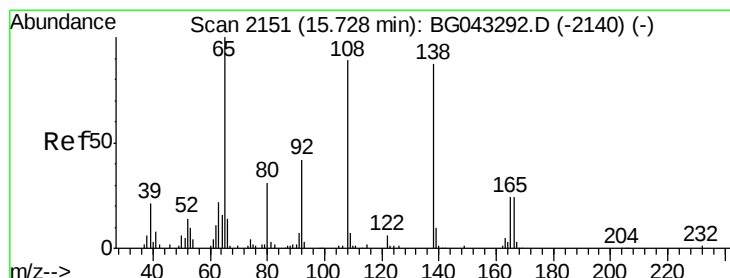
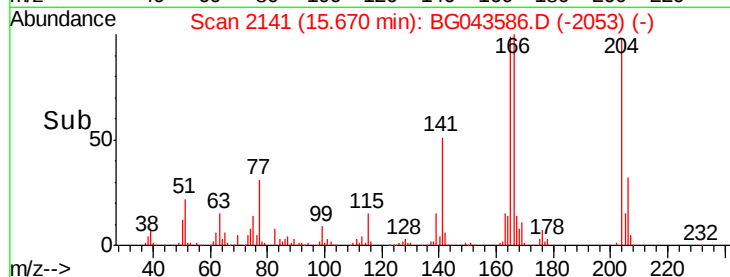
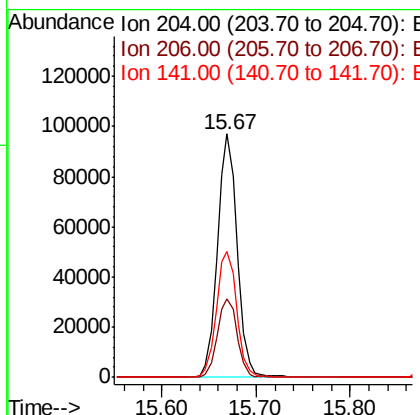
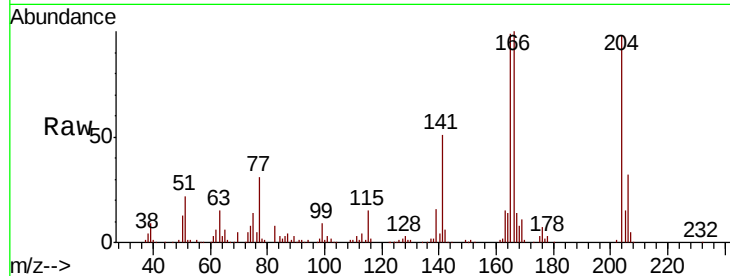
#61
4-Chlorophenyl-phenylether
Concen: 41.899 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	28.4	42.6
141	51.6	43.0	64.6

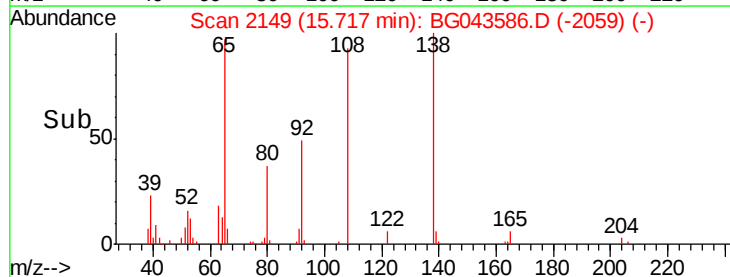
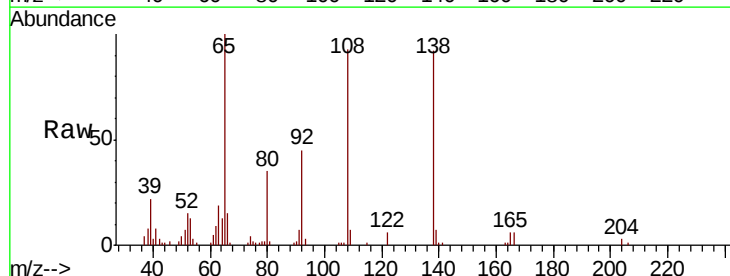
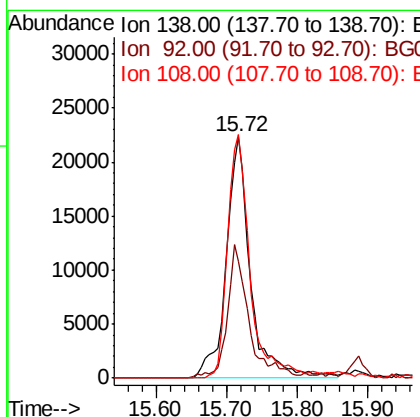
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#62
4-Nitroaniline
Concen: 40.646 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	33.4	73.4
108	100.8	78.0	118.0





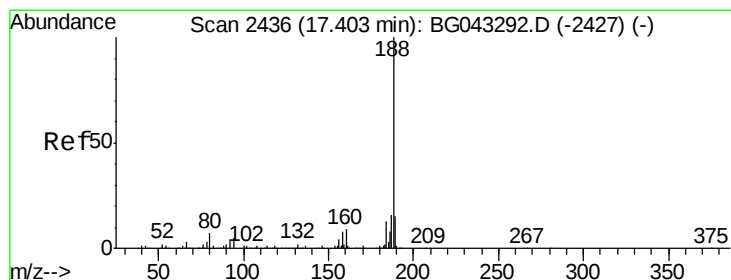
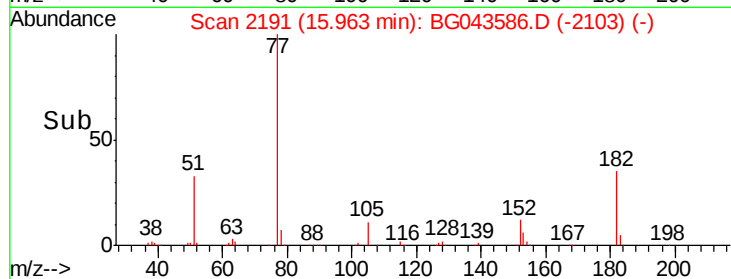
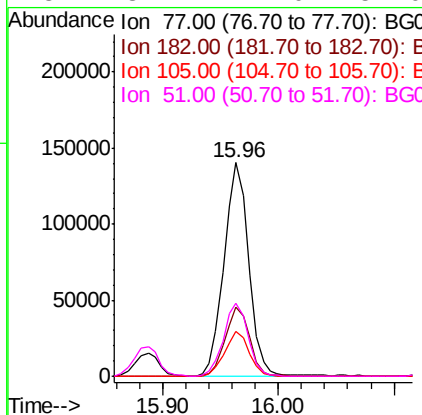
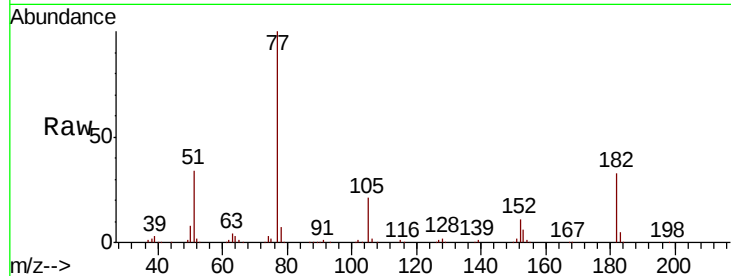
#63
Azobenzene
Concen: 42.231 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.7	13.7	53.7
105	21.0	0.4	40.4
51	34.4	11.0	51.0

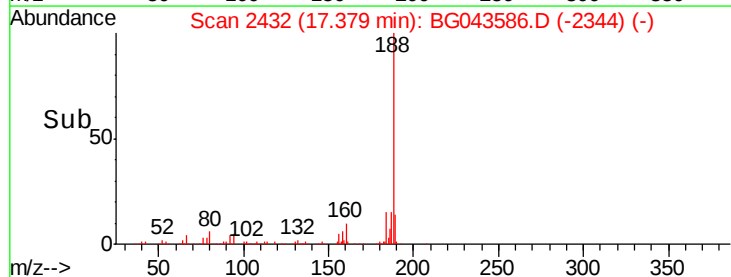
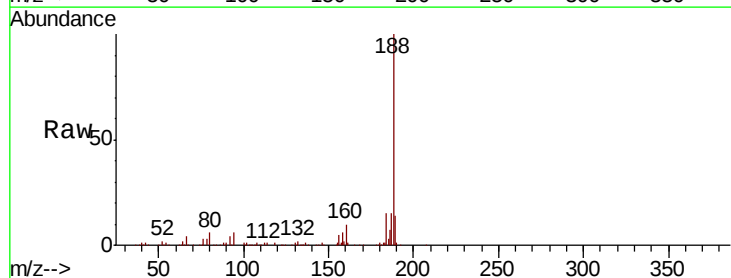
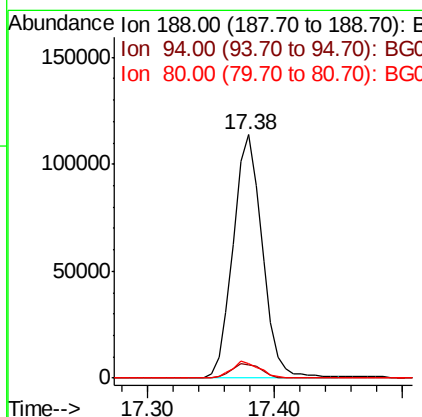
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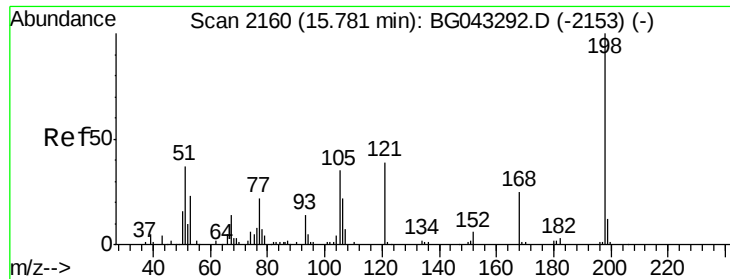
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.2	4.5	6.7





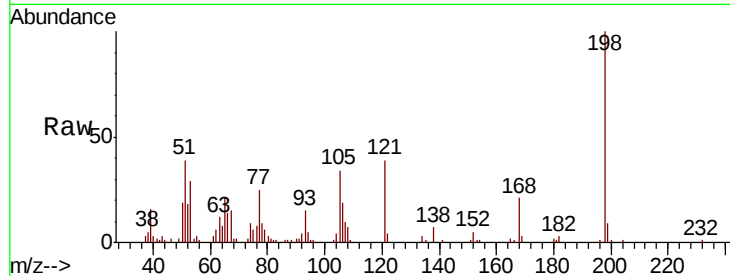
#65
4,6-Dinitro-2-methylphenol
Concen: 44.214 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.8	13.2	53.2
105	33.6	15.8	55.8

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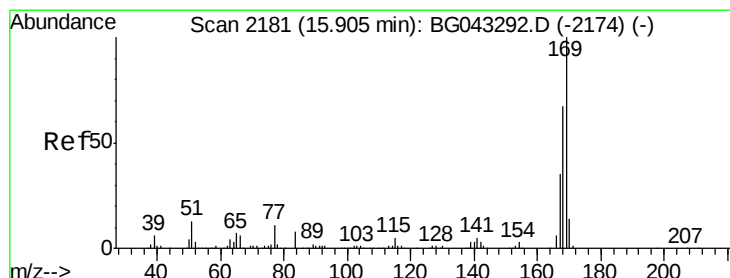
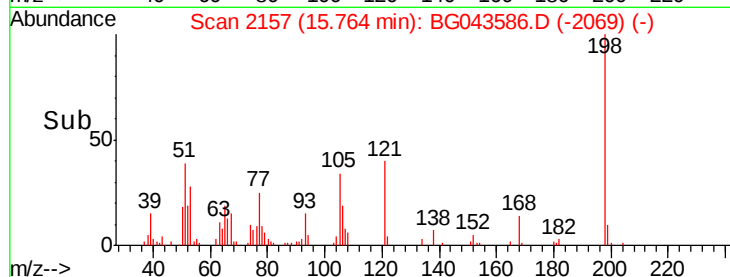
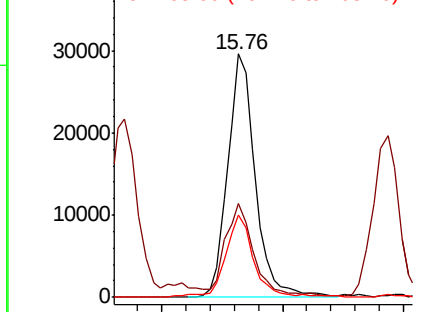


Abundance

Ion 198.00 (197.70 to 198.70): E

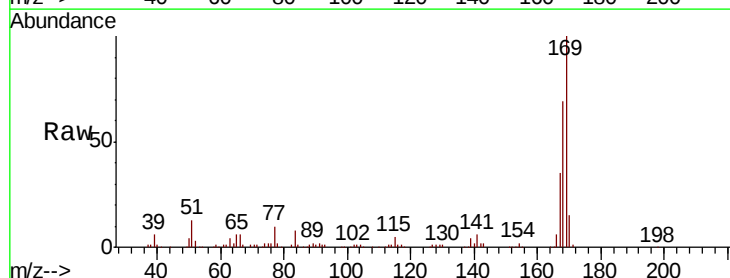
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 42.356 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.8	80.6
167	35.0	27.5	41.3

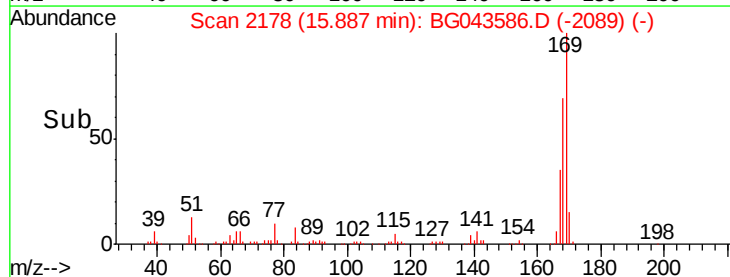
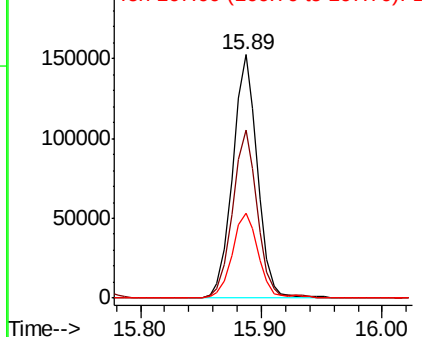


Abundance

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





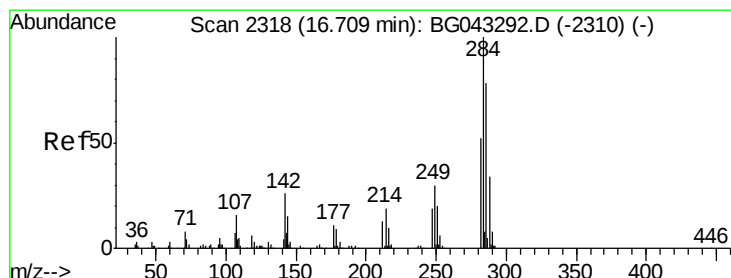
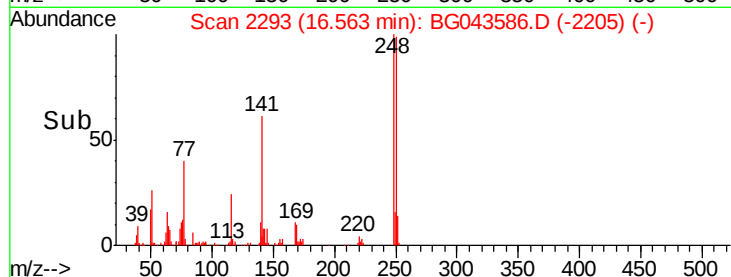
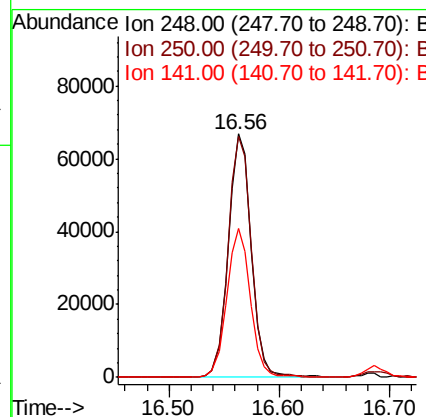
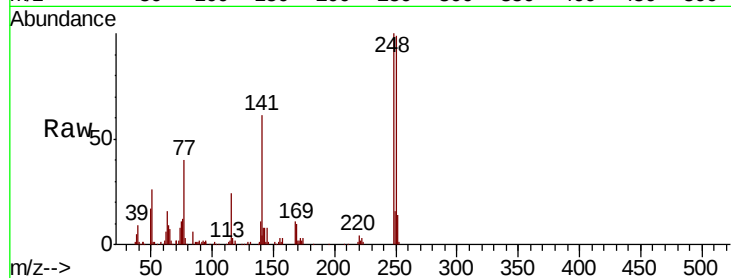
#67
4-Bromophenyl-phenylether
Concen: 39.821 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.0	115.4
141	61.0	47.5	71.3

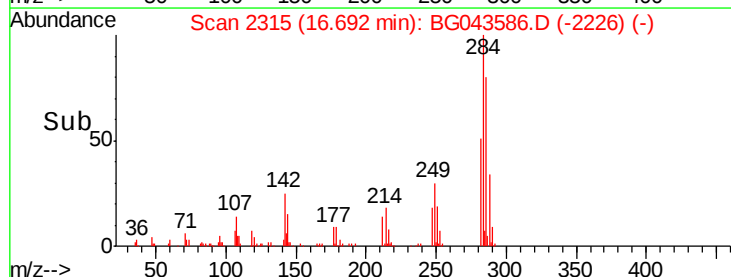
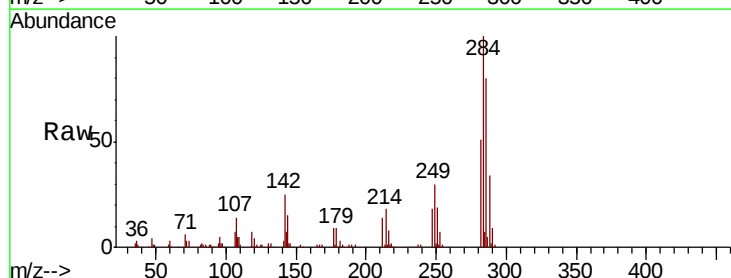
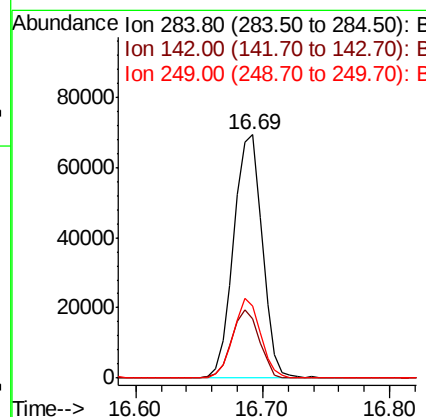
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#68
Hexachlorobenzene
Concen: 38.444 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	19.8	29.8
249	29.7	23.8	35.6





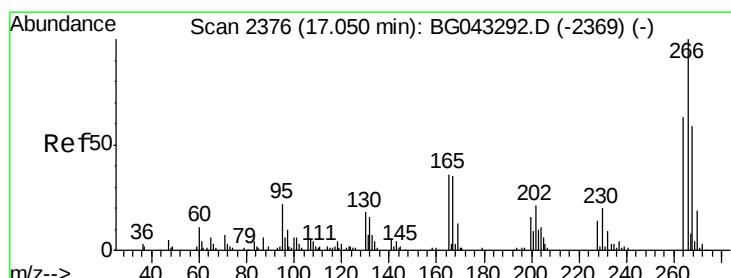
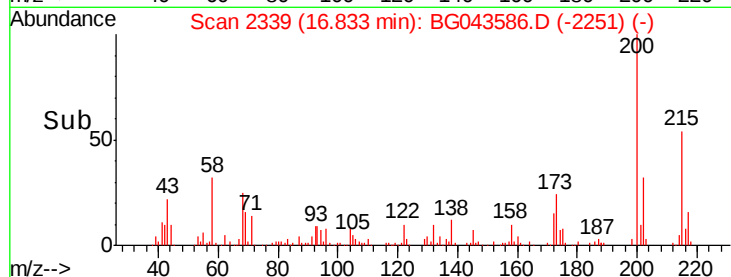
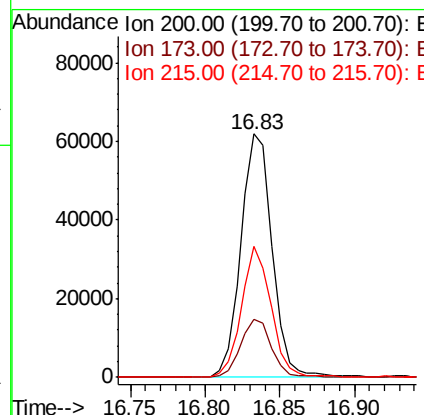
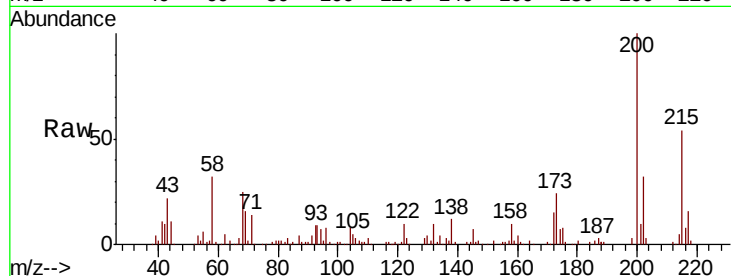
#69
 Atrazine
 Concen: 50.594 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.9	4.7	44.7
215	53.9	28.5	68.5

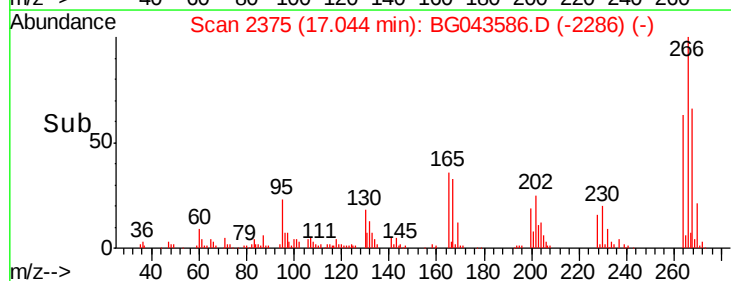
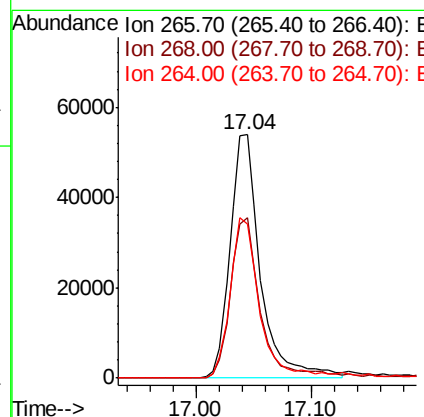
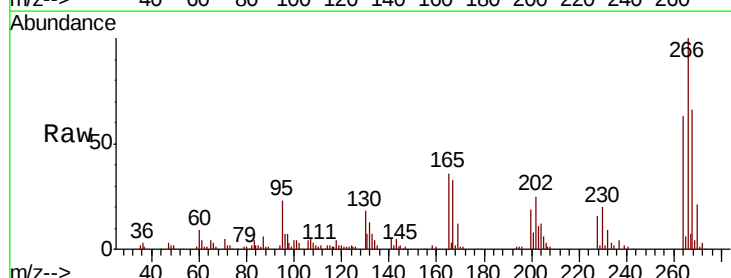
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#70
 Pentachlorophenol
 Concen: 77.079 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.8	50.4	75.6
264	63.1	48.9	73.3





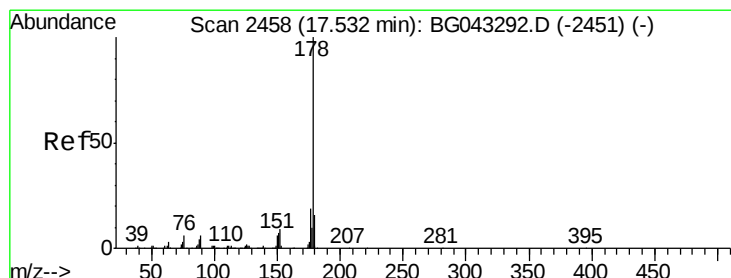
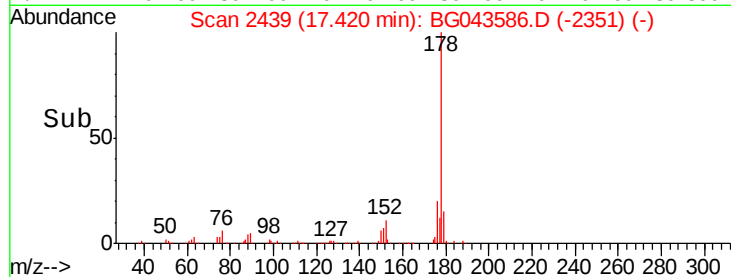
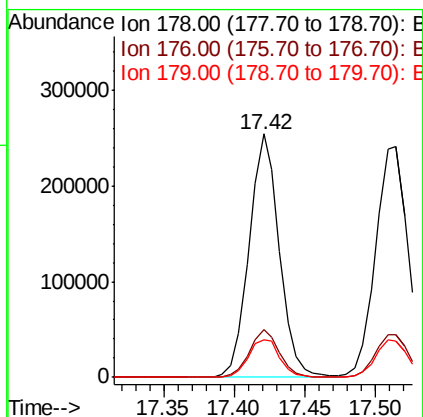
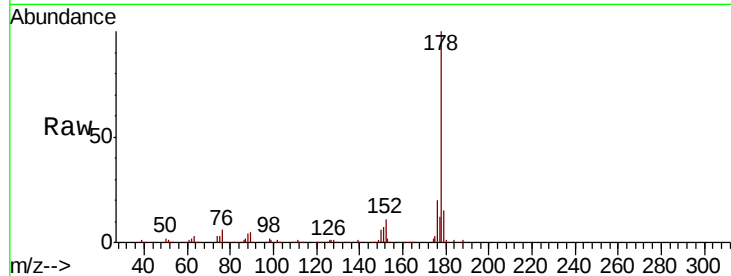
#71
Phenanthrene
Concen: 41.141 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	15.2	13.0	19.6

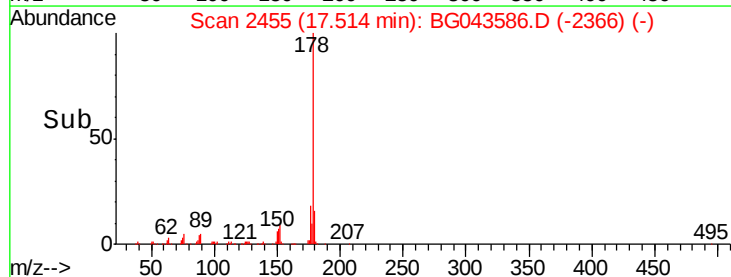
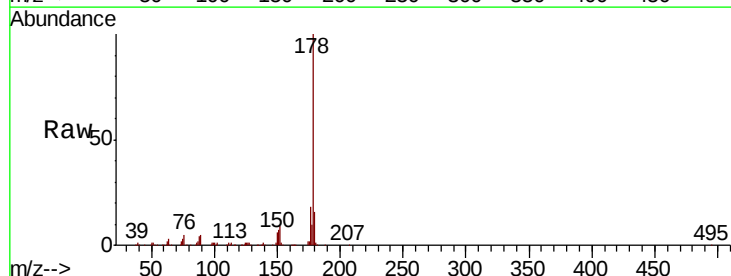
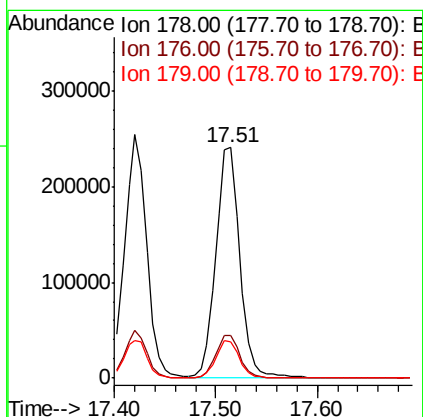
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#72
Anthracene
Concen: 42.483 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.9	13.7	20.5





#73

Carbazole

Concen: 40.656 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

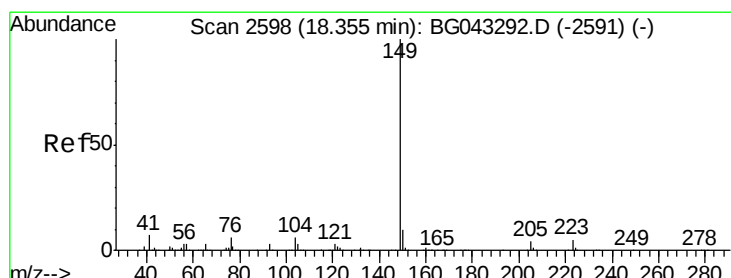
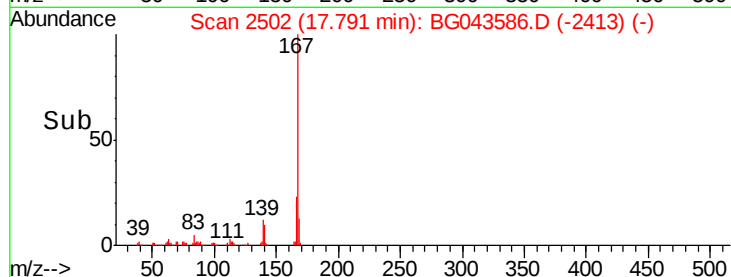
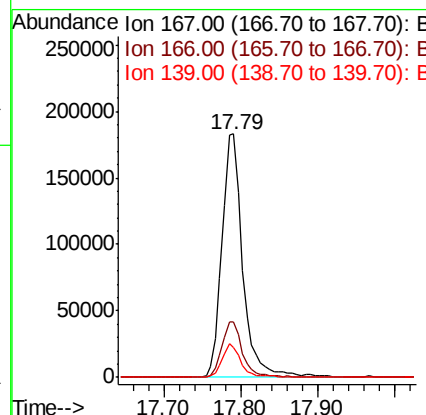
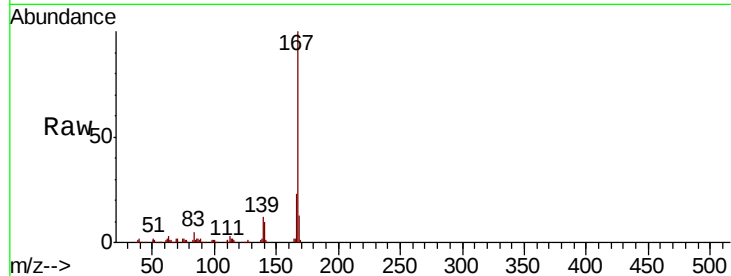
ClientSampleId :

PB124640BS

Tot Ion:	167	Resp:	342287
Ion Ratio	Lower	Upper	
167	100		
166	22.9	18.7	28.1
139	12.2	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 38.907 ng

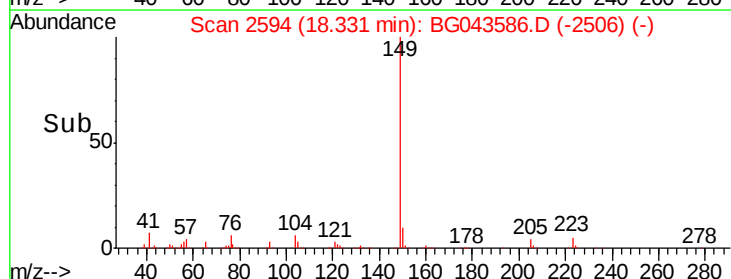
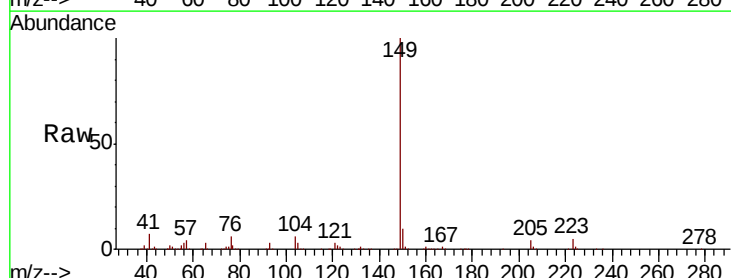
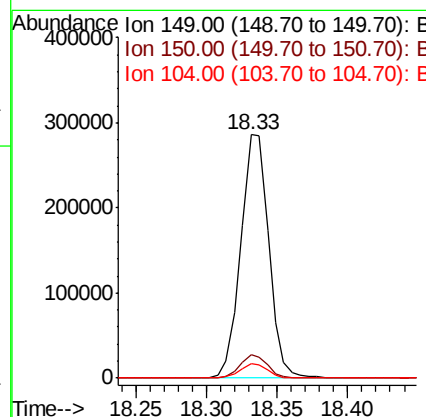
RT: 18.33 min Scan# 2594

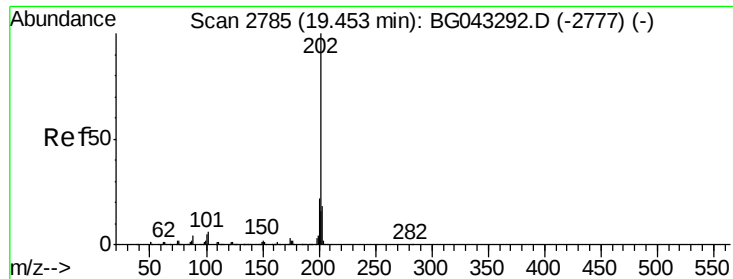
Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:	149	Resp:	397454
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.0	12.0
104	6.1	4.4	6.6





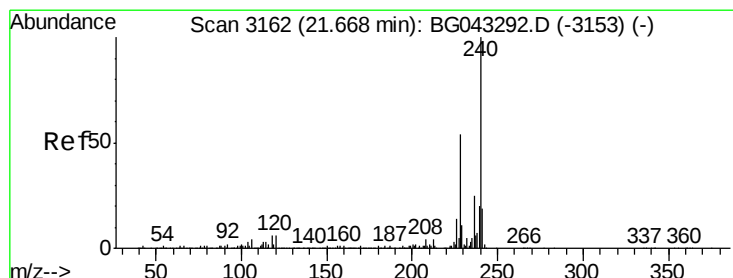
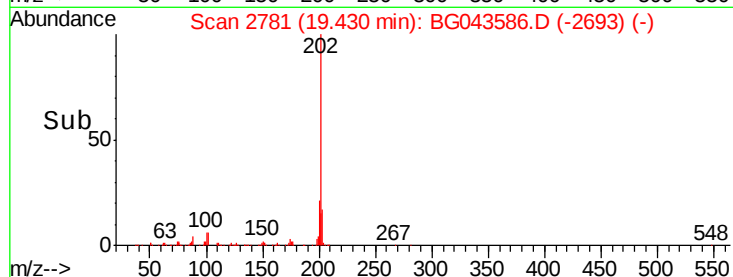
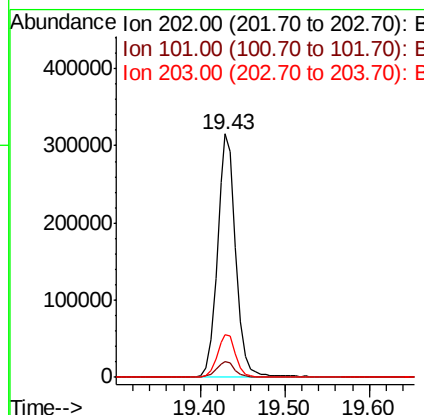
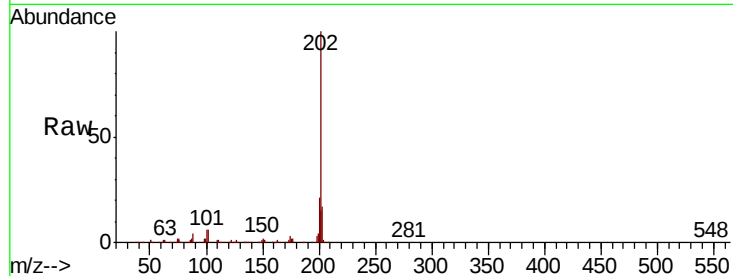
#75
 Fluoranthene
 Concen: 39.664 ng
 RT: 19.43 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		480499		
101	6.3	0.0	26.3		
203	17.3	0.0	37.9		

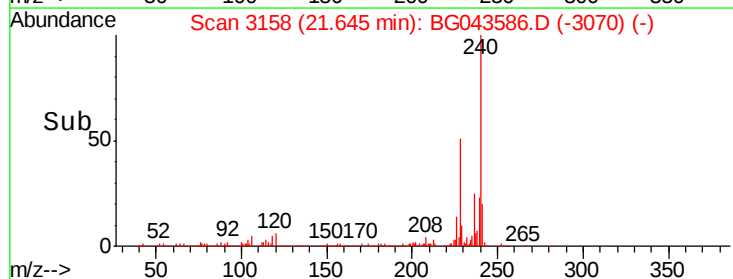
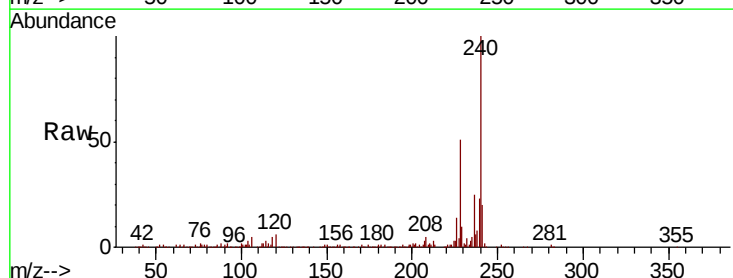
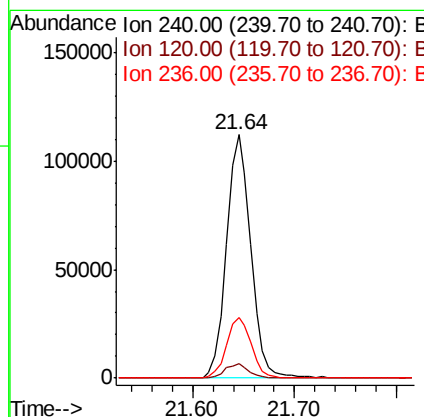
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		185801		
120	6.0	4.6	6.8		
236	24.6	19.8	29.8		





#77

Benzidine

Concen: 54.071 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

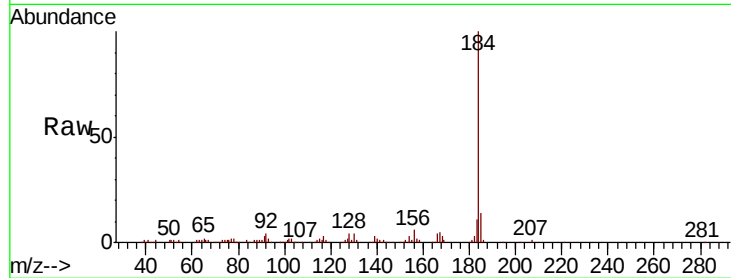
ClientSampleId :

PB124640BS

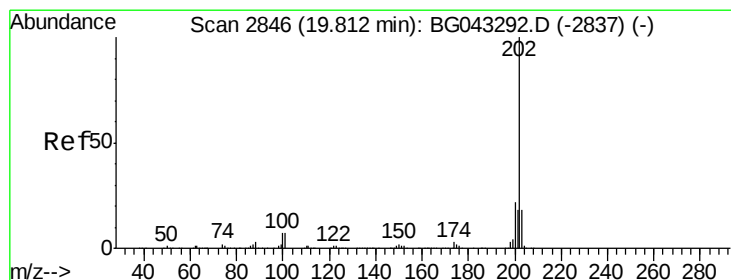
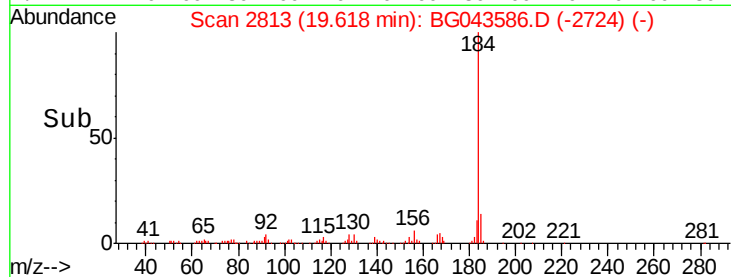
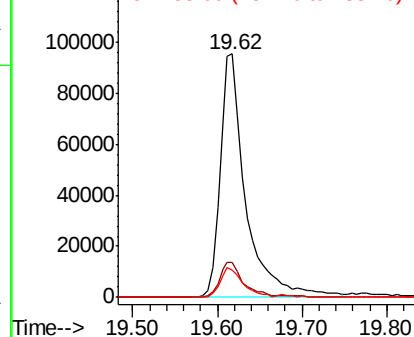
Tot Ion:	184	Resp:	202186
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.0	16.4
183	11.2	10.0	15.0

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



#78

Pyrene

Concen: 41.664 ng

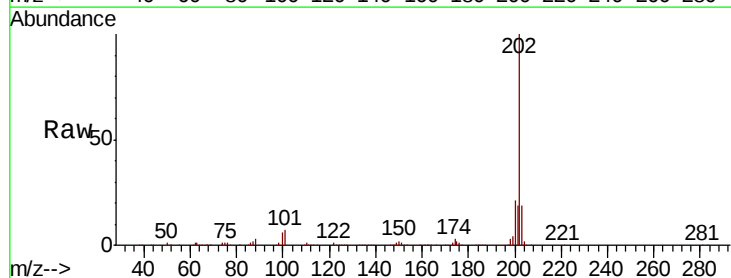
RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

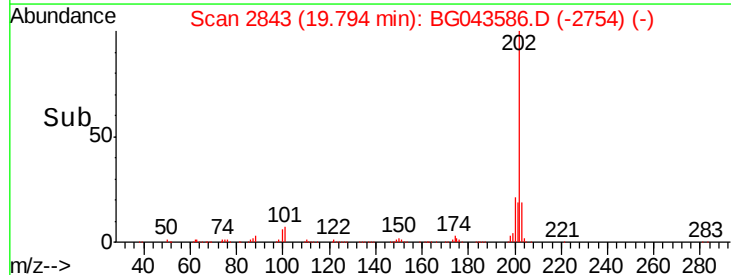
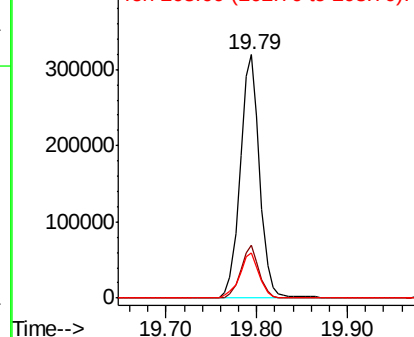
Lab File: BG043586.D

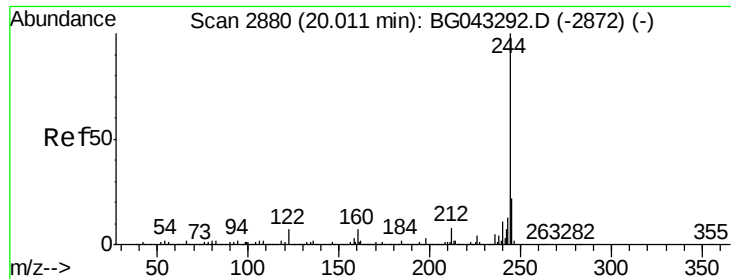
Acq: 11 Nov 2019 16:45

Tgt Ion:	202	Resp:	479172
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	18.7	14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





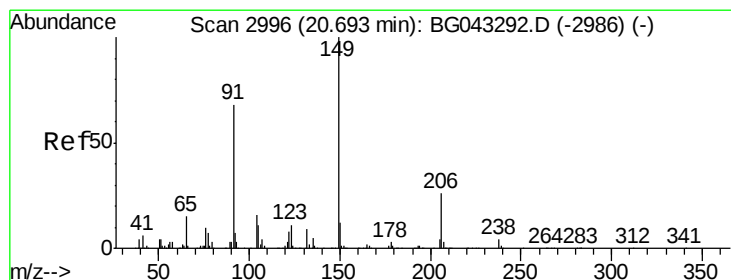
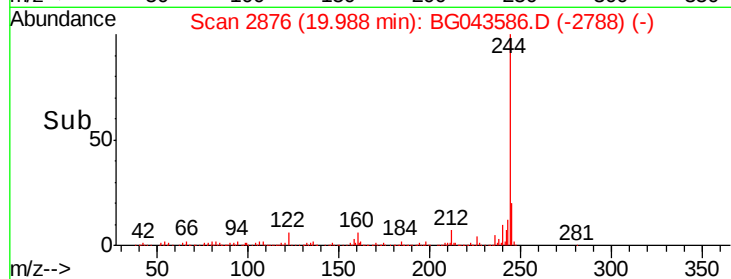
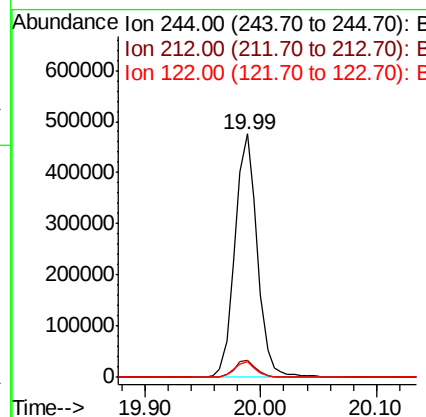
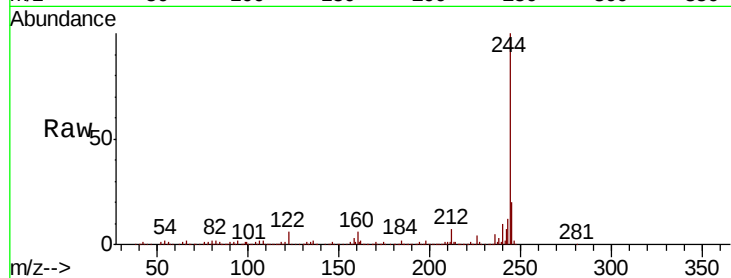
#79
 Terphenyl-d14
 Concen: 64.275 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion:	244	Resp:	636567
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.4	5.4	8.2

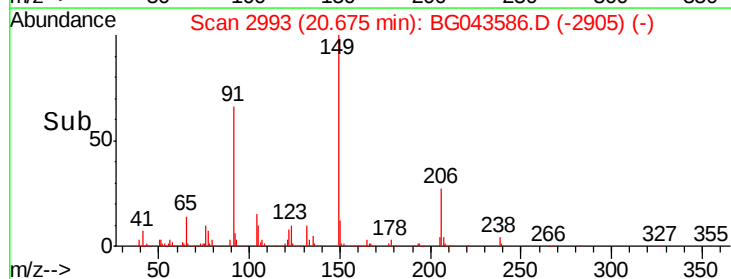
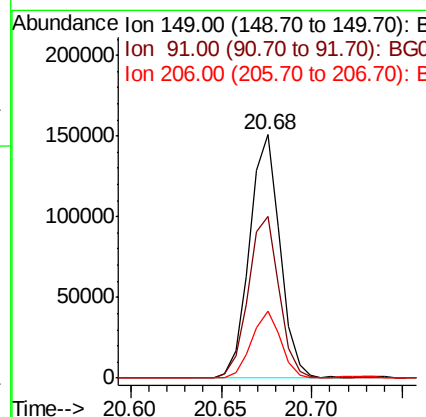
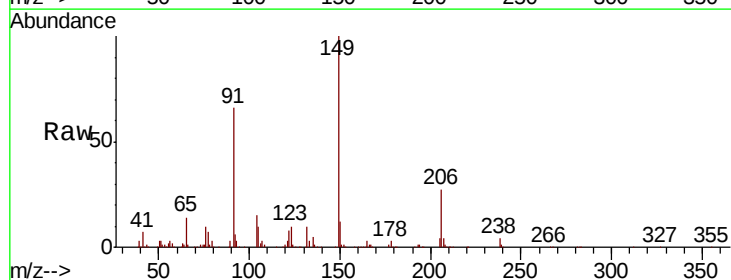
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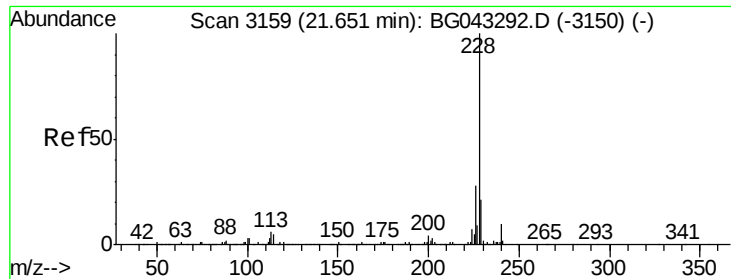
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#80
 Butylbenzylphthalate
 Concen: 40.407 ng
 RT: 20.68 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion:	149	Resp:	176061
Ion Ratio		Lower	Upper
149	100		
91	66.4	51.2	76.8
206	27.4	22.5	33.7





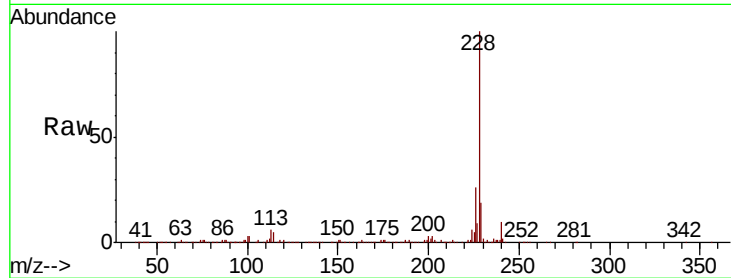
#81
Benzo(a)anthracene
Concen: 42.061 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	19.4	17.0	25.4

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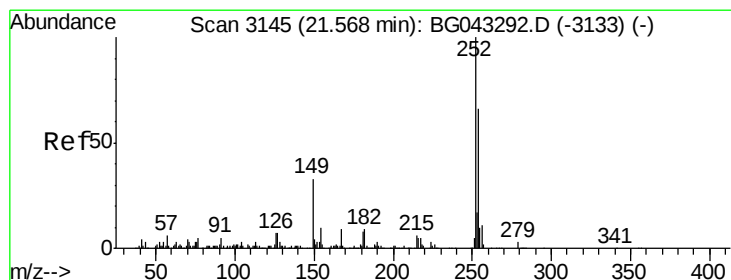
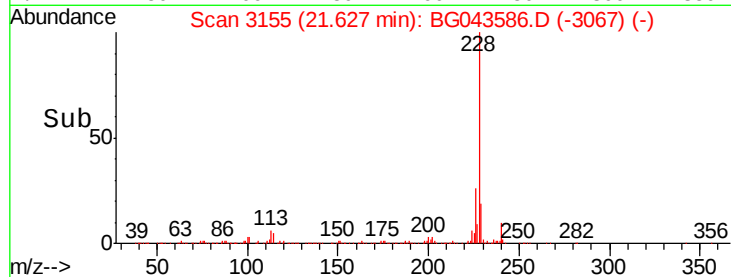
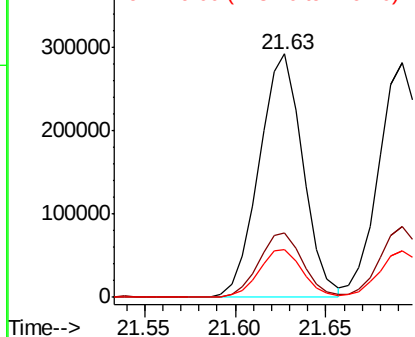


Abundance

Ion 228.00 (227.70 to 228.70): E

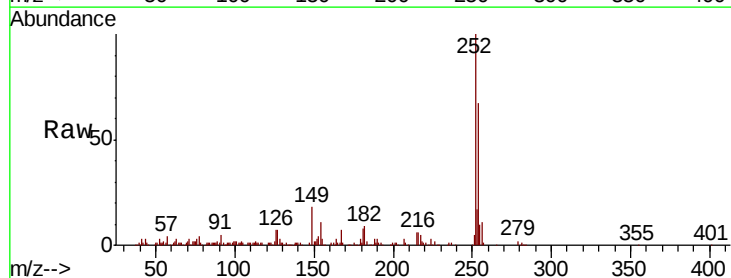
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 31.195 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	50.8	76.2
126	6.9	6.1	9.1

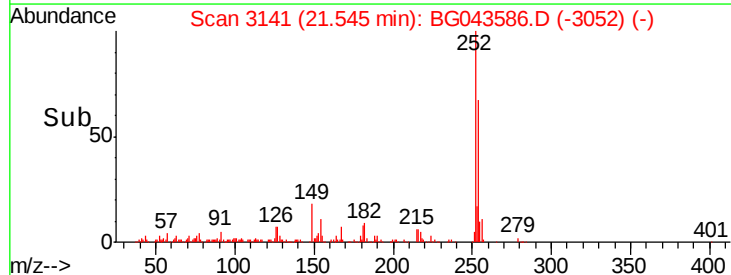
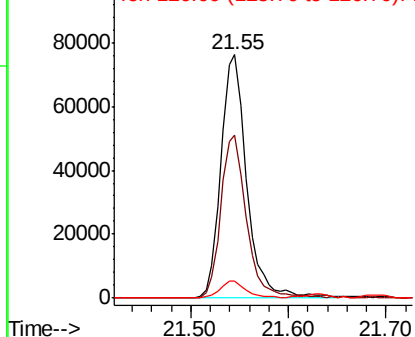


Abundance

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





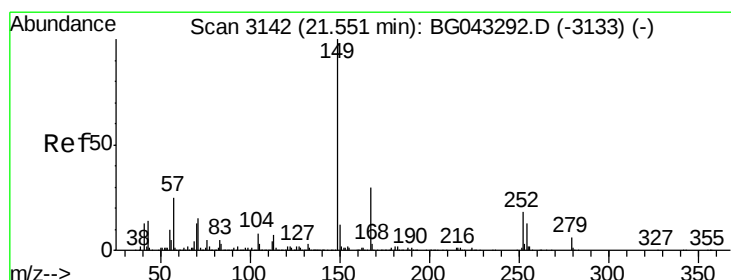
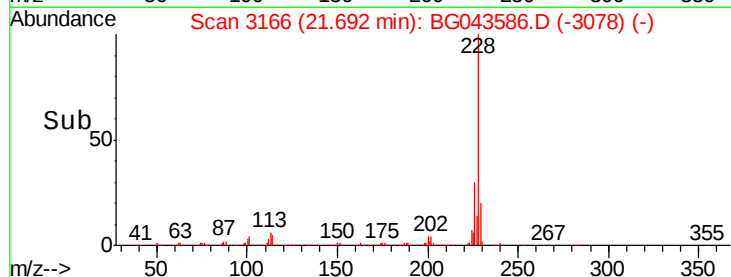
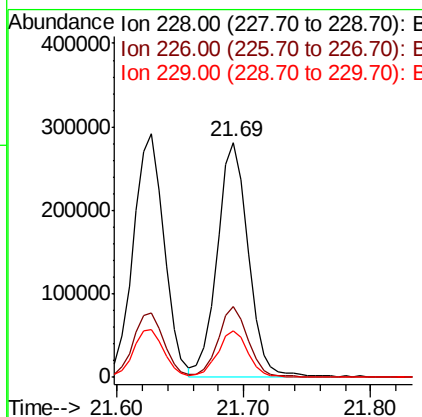
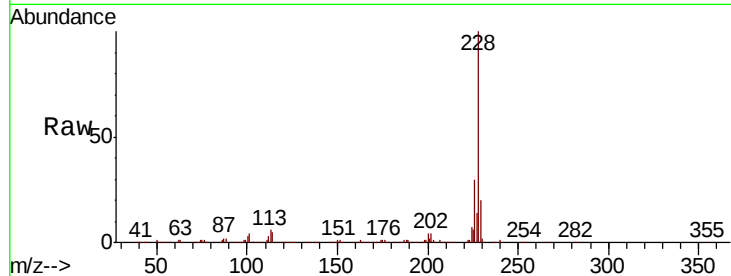
#83
 Chrysene
 Concen: 41.039 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion:	228	Resp:	474565
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.1	37.7
229	19.7	17.0	25.4

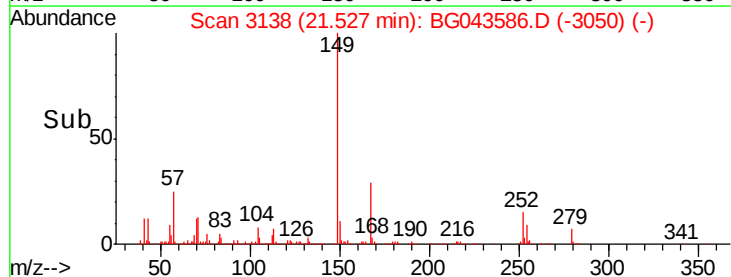
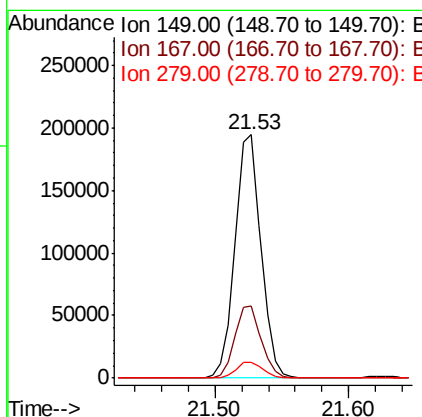
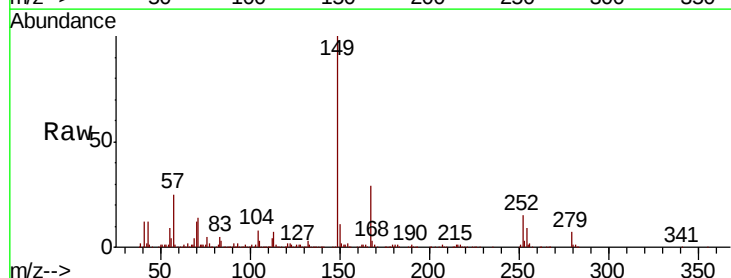
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.536 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG043586.D
 Acq: 11 Nov 2019 16:45

Tgt Ion:	149	Resp:	263279
Ion Ratio	Lower	Upper	
149	100		
167	29.4	24.0	36.0
279	6.7	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 43.659 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

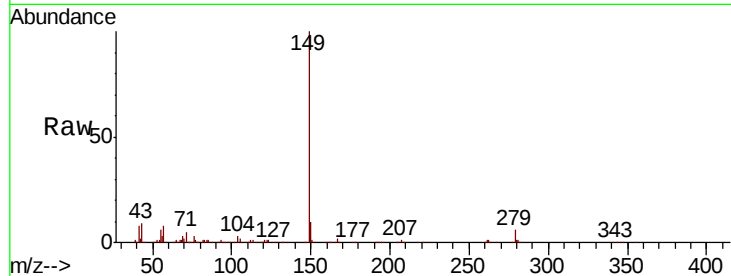
ClientSampleId :

PB124640BS

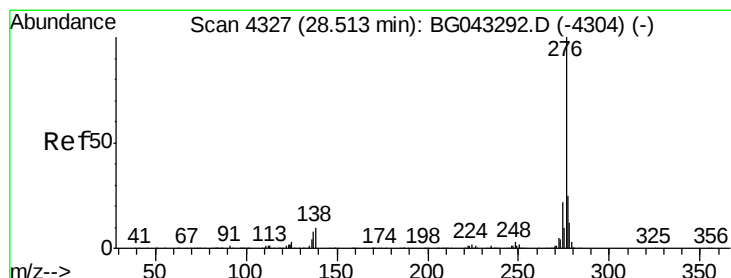
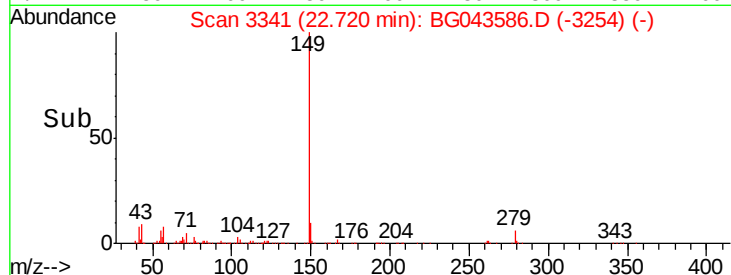
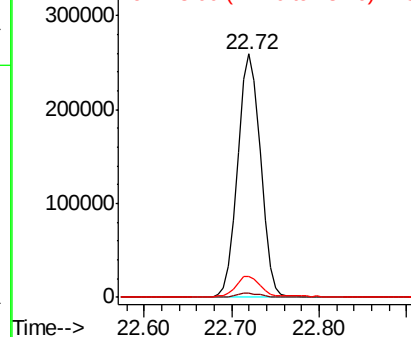
Tot Ion:	149	Resp:	458458
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	9.5	7.0	10.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.895 ng

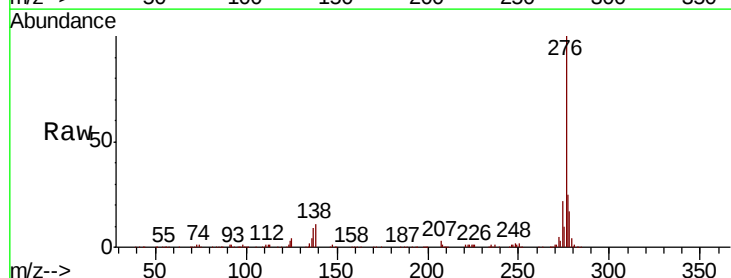
RT: 28.46 min Scan# 4318

Delta R.T. -0.03 min

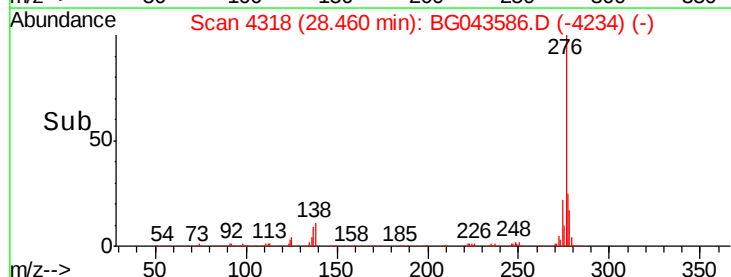
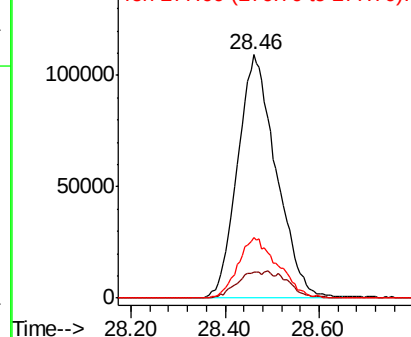
Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:	276	Resp:	622638
Ion Ratio	Lower	Upper	
276	100		
138	7.1	6.8	10.2
277	25.7	20.9	31.3



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





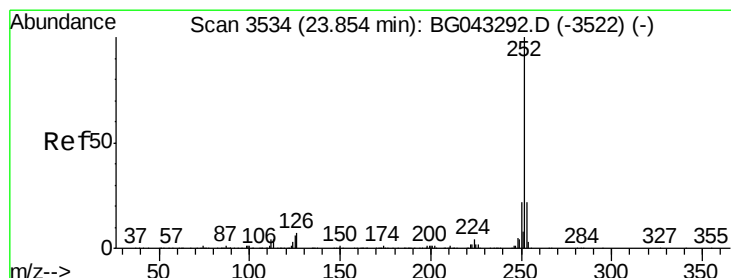
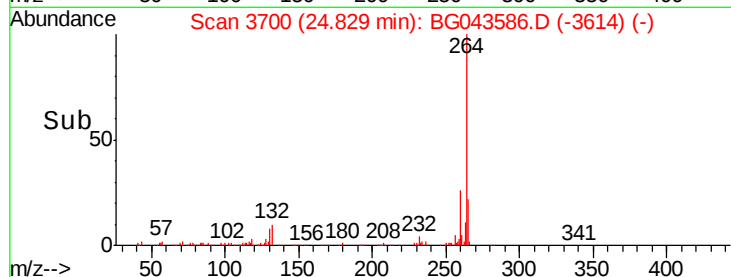
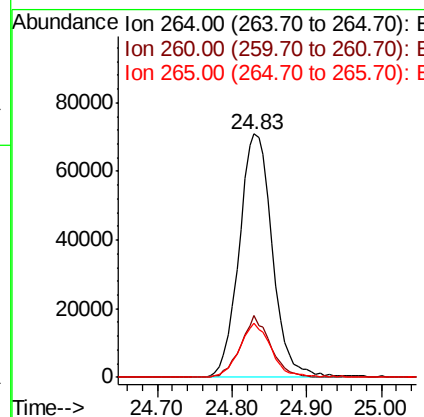
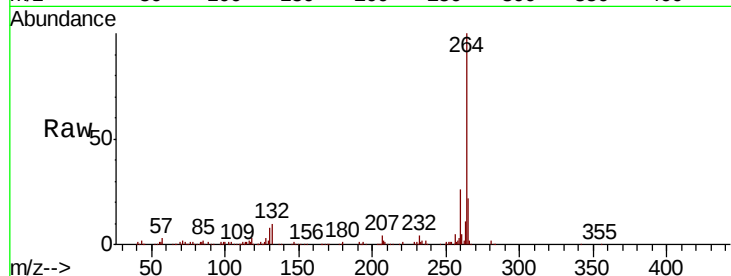
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.5	26.3
265	22.2	17.4	26.0

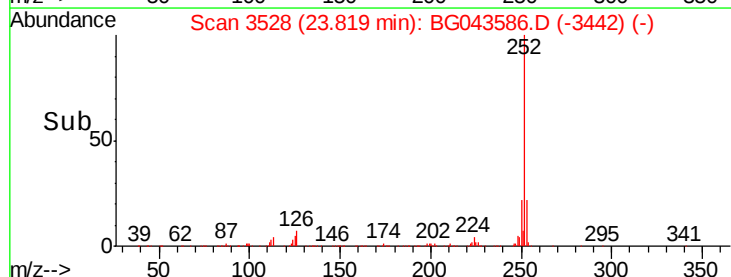
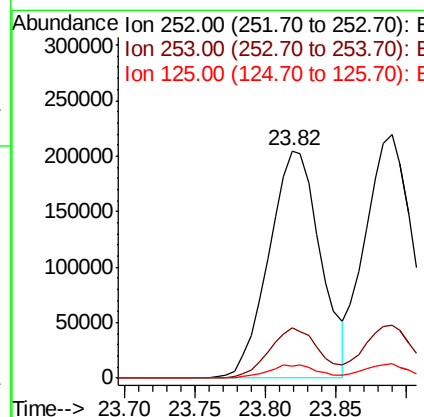
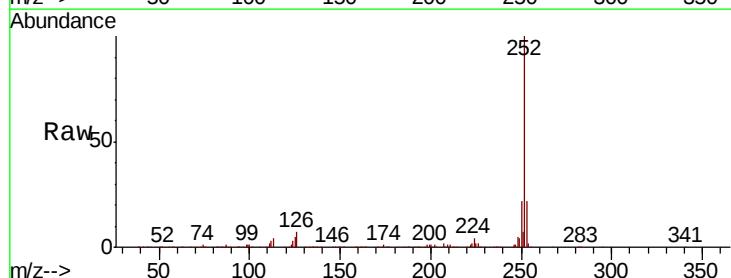
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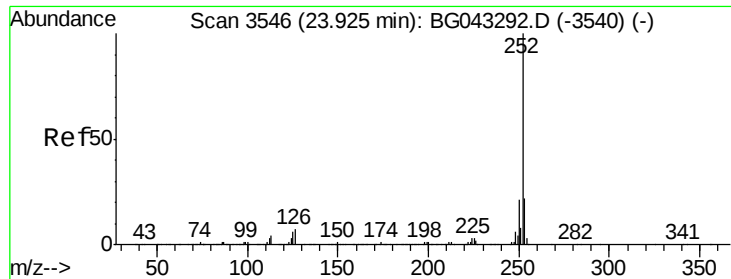
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#88
Benzo(b)fluoranthene
Concen: 42.270 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	5.5	4.5	6.7





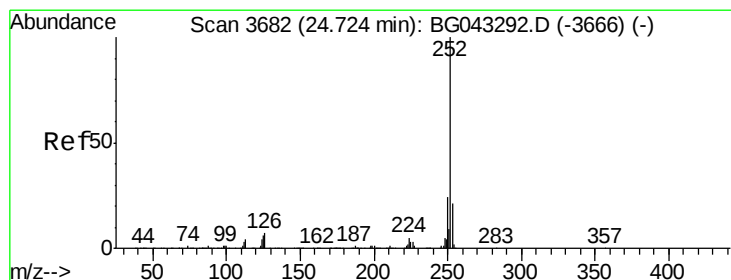
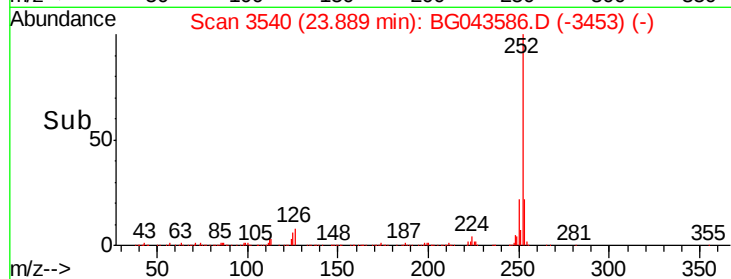
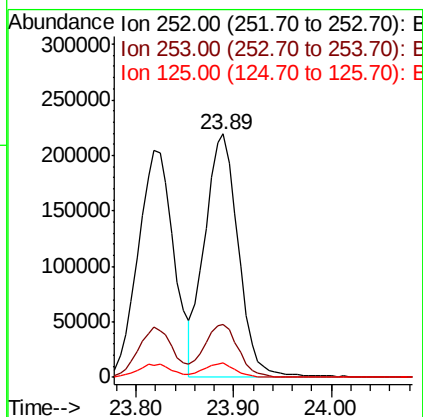
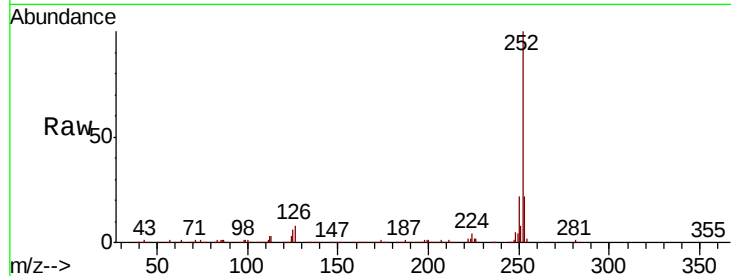
#89
Benzo(k)fluoranthene
Concen: 41.832 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	5.7	4.6	6.8

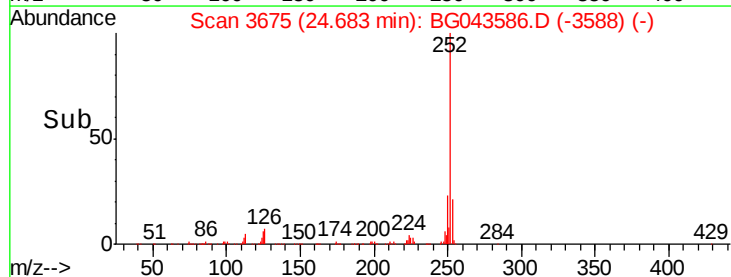
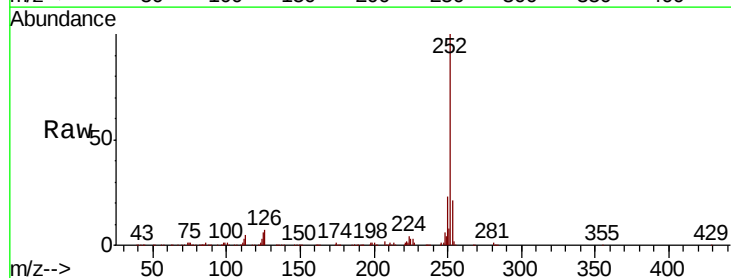
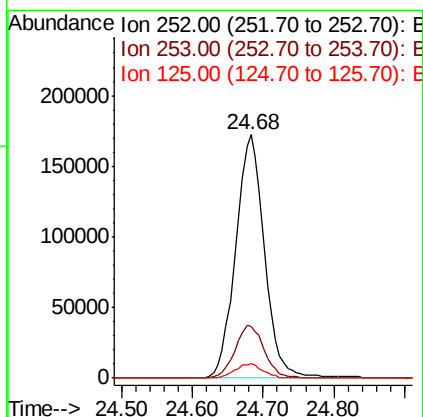
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#90
Benzo(a)pyrene
Concen: 41.264 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG043586.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	5.8	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.394 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.03 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Instrument :

BNA_G

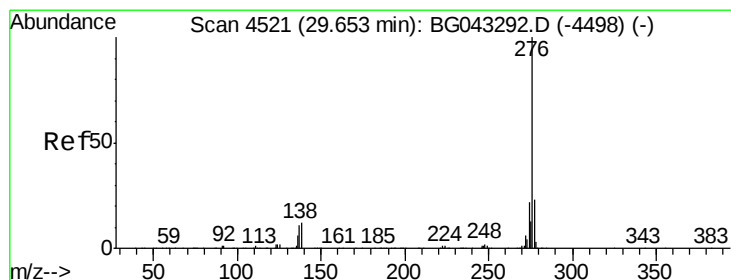
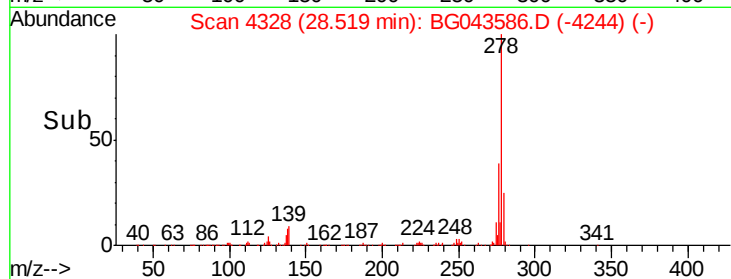
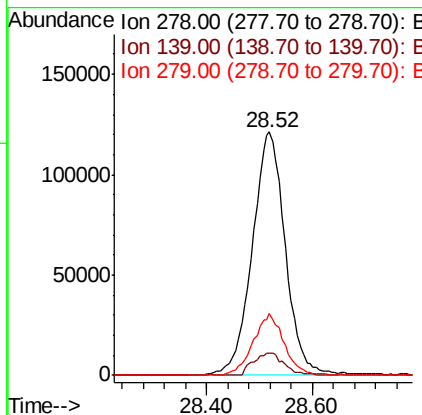
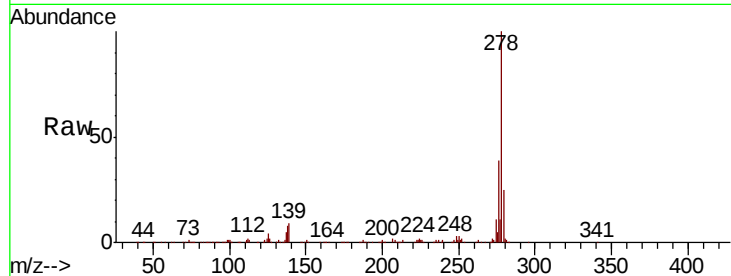
ClientSampleId :

PB124640BS

Tot Ion:	278	Resp:	523839
Ion Ratio	Lower	Upper	
278	100		
139	9.0	7.4	11.0
279	25.3	19.1	28.7

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#92

Benzo(g,h,i)perylene

Concen: 43.752 ng

RT: 29.60 min Scan# 4512

Delta R.T. -0.03 min

Lab File: BG043586.D

Acq: 11 Nov 2019 16:45

Tgt Ion:	276	Resp:	520970
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.9	28.3
138	10.8	8.9	13.3

