

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044072.D
 Acq On : 16 Jan 2020 17:20
 Operator : JU
 Sample : L1126-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MSD

Manual Integrations
 APPROVED

mohammad
 1/17/2020 2:08:13 PM

Quant Time: Jan 17 07:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	121869	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	482061	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	287347	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	576000	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	472098	20.00	ng	-0.02
87) Perylene-d12	24.70	264	547650	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	707929	106.66	ng	-0.01
7) Phenol-d6	7.12	99	952357	102.65	ng	0.00
23) Nitrobenzene-d5	9.10	82	549182	60.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	314881	104.72	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1123602	70.84	ng	-0.02
79) Terphenyl-d14	19.93	244	1429431	69.34	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	115207	39.809 ng	98
3) Pyridine	3.81	79	294493	34.446 ng	96
4) n-Nitrosodimethylamine	3.73	42	153231	40.257 ng	93
6) Aniline	7.27	93	245332	20.132 ng	96
8) 2-Chlorophenol	7.51	128	369125	47.372 ng	99
9) Benzaldehyde	7.08	77	199781	33.645 ng	98
10) Phenol	7.15	94	467867	48.945 ng	98
11) bis(2-Chloroethyl)ether	7.36	93	349551	42.363 ng	99
12) 1,3-Dichlorobenzene	7.83	146	399794	43.845 ng	99
13) 1,4-Dichlorobenzene	7.98	146	399823	44.440 ng	99
14) 1,2-Dichlorobenzene	8.30	146	380051	44.010 ng	100
15) Benzyl Alcohol	8.18	79	303645	41.469 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	478202	37.460 ng	98
17) 2-Methylphenol	8.39	107	307759	44.490 ng	98
18) Hexachloroethane	9.03	117	151444	43.260 ng	95
19) n-Nitroso-di-n-propylamine	8.75	70	265994	38.498 ng	98
20) 3+4-Methylphenols	8.72	107	422402	43.772 ng	99
22) Acetophenone	8.76	105	500734	41.782 ng	99
24) Nitrobenzene	9.14	77	380053	42.583 ng	98
25) Isophorone	9.67	82	709982	41.996 ng	99
26) 2-Nitrophenol	9.86	139	212116	50.235 ng	96
27) 2,4-Dimethylphenol	9.92	122	336553	52.949 ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	449223	39.857 ng	99
29) 2,4-Dichlorophenol	10.40	162	354651	46.777 ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	375081	44.122 ng	98
31) Naphthalene	10.80	128	1069129	45.831 ng	100
32) Benzoic acid	10.09	122	238636	46.350 ng	94
33) 4-Chloroaniline	10.90	127	179366	16.121 ng	98
34) Hexachlorobutadiene	11.09	225	225050	43.359 ng	97
35) Caprolactam	11.68	113	125178m	44.351 ng	
36) 4-Chloro-3-methylphenol	12.04	107	357674	44.315 ng	97
37) 2-Methylnaphthalene	12.41	142	768997	43.786 ng	97
38) 1-Methylnaphthalene	12.62	142	730236	43.871 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	379139	45.017 ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	228200	52.263	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	274202	47.316	ng	97
44) 2,4,5-Trichlorophenol	13.09	196	287295	48.067	ng	99
46) 1,1'-Biphenyl	13.41	154	942632	45.754	ng	99
47) 2-Chloronaphthalene	13.45	162	741414	44.535	ng	99
48) 2-Nitroaniline	13.65	65	218556	40.812	ng	96
49) Acenaphthylene	14.30	152	1168066	48.816	ng	99
50) Dimethylphthalate	14.03	163	1000728	49.049	ng	100
51) 2,6-Dinitrotoluene	14.15	165	208205	45.149	ng	95
52) Acenaphthene	14.64	154	724476	43.174	ng	97
53) 3-Nitroaniline	14.47	138	147304	28.129	ng	97
54) 2,4-Dinitrophenol	14.69	184	140294	61.107	ng	95
55) Dibenzofuran	14.98	168	1073491	46.471	ng	98
56) 4-Nitrophenol	14.80	139	397450	99.042	ng	93
57) 2,4-Dinitrotoluene	14.94	165	286050	45.587	ng	96
58) Fluorene	15.63	166	833018	45.497	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	244643	47.600	ng	97
60) Diethylphthalate	15.40	149	885990	43.417	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	431591	43.411	ng	98
62) 4-Nitroaniline	15.64	138	181830	35.161	ng	93
63) Azobenzene	15.91	77	819895	43.323	ng	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	110324	38.165	ng	96
66) n-Nitrosodiphenylamine	15.83	169	779911	45.979	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	278496	42.989	ng	98
68) Hexachlorobenzene	16.64	284	296674	42.500	ng	98
69) Atrazine	16.78	200	288704	52.361	ng	99
70) Pentachlorophenol	16.98	266	372751	96.869	ng	99
71) Phenanthrene	17.36	178	1381250	49.995	ng	99
72) Anthracene	17.45	178	1333433	48.836	ng	100
73) Carbazole	17.72	167	1184488	46.964	ng	98
74) Di-n-butylphthalate	18.29	149	1434569	44.550	ng	98
75) Fluoranthene	19.37	202	1914283	60.586	ng	97
77) Benzidine	19.55	184	309997	26.124	ng	98
78) Pyrene	19.73	202	1966937	63.829	ng	97
80) Butylbenzylphthalate	20.63	149	658421	44.879	ng	97
81) Benzo(a)anthracene	21.55	228	1805074	61.663	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	308847	26.705	ng	99
83) Chrysene	21.62	228	1701976	61.188	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	929809	45.932	ng	98
85) Di-n-octyl phthalate	22.65	149	1605826	47.186	ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1927990	51.003	ng	# 83
88) Benzo(b)fluoranthene	23.72	252	2013711	62.198	ng	99
89) Benzo(k)fluoranthene	23.77	252	1687129	54.800	ng	98
90) Benzo(a)pyrene	24.56	252	1850708	60.566	ng	99
91) Dibenzo(a,h)anthracene	28.30	278	1246578	40.621	ng	99
92) Benzo(g,h,i)perylene	29.34	276	1509258	49.511	ng	98

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



#1

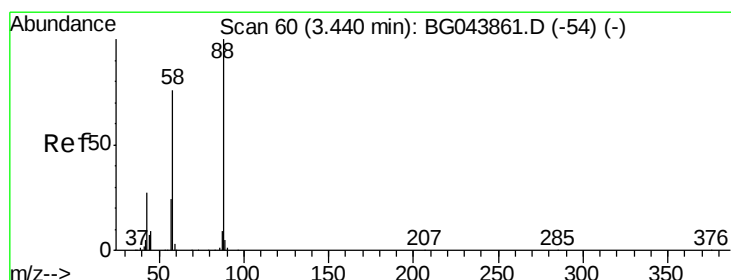
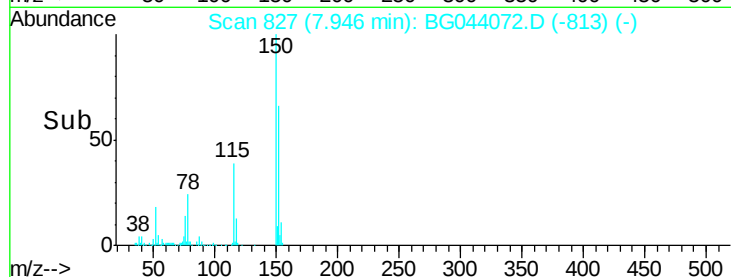
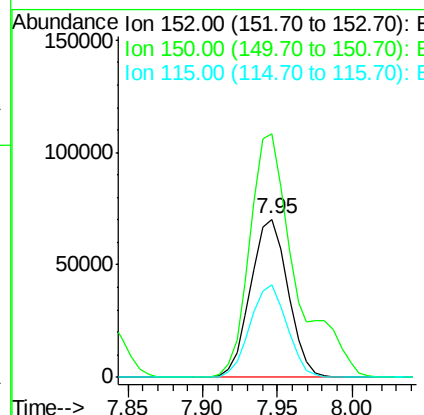
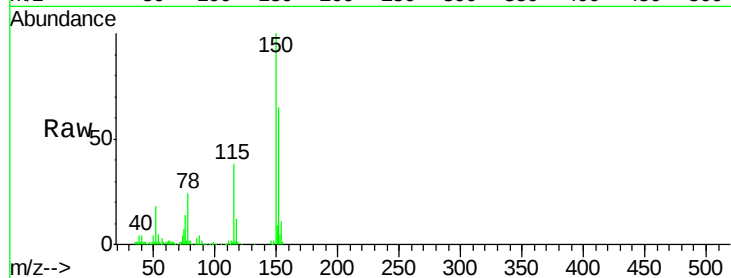
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.0	190.4
115	58.7	47.8	71.8

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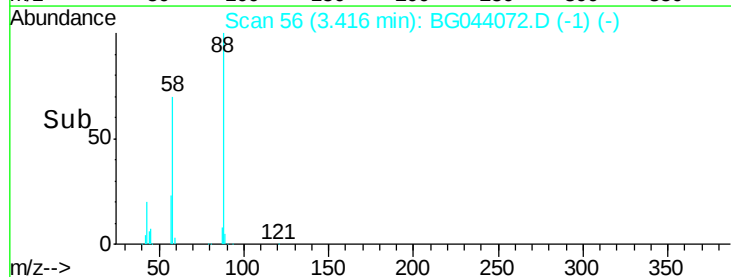
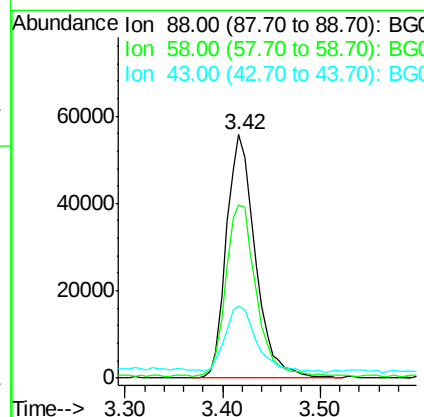
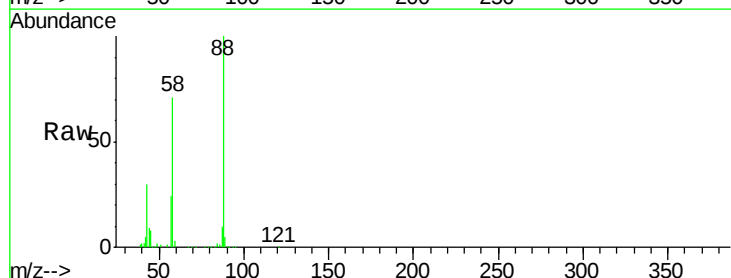
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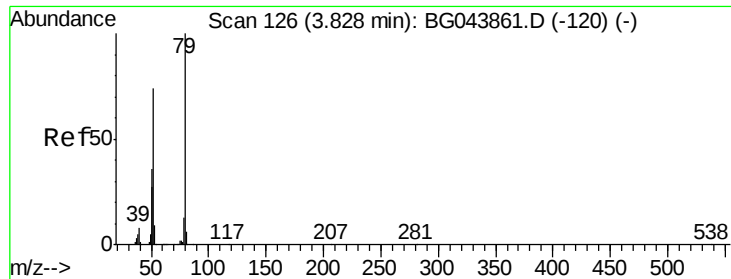


#2

1,4-Dioxane
Concen: 39.809 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.8	89.8
43	29.7	22.9	34.3





#3

Pvridine

Concen: 34.446 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

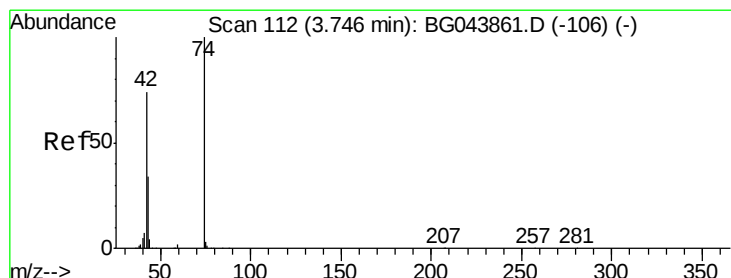
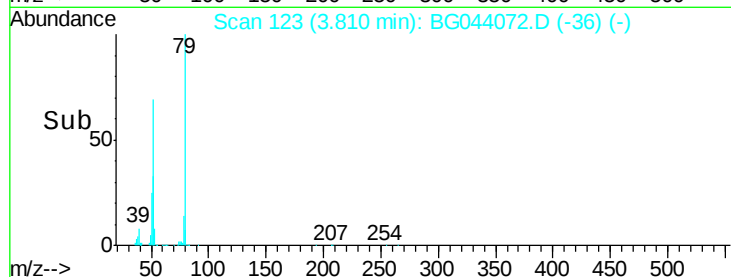
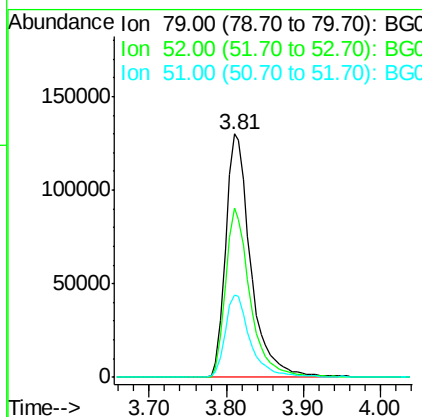
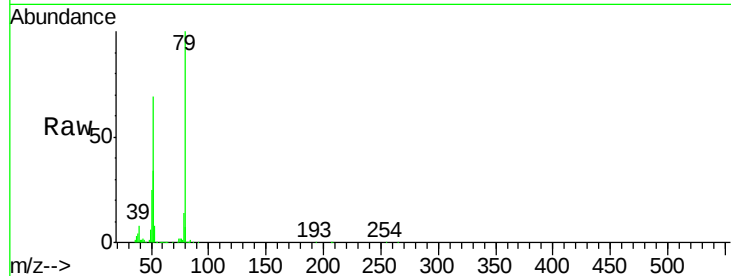
ClientSampleId :

BW-1-3.0MSD

Tot Ion:	79	Resp:	294493
Ion Ratio	Lower	Upper	
79	100		
52	69.4	58.9	88.3
51	33.8	28.6	43.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.257 ng

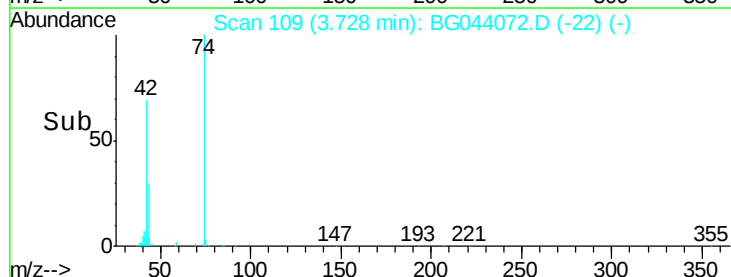
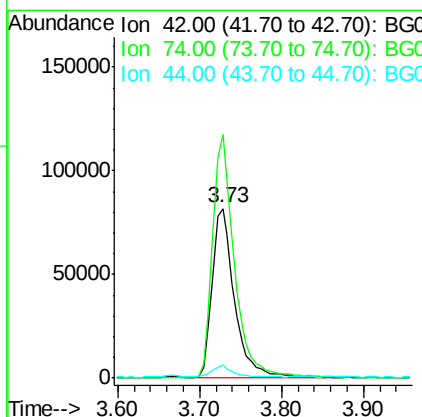
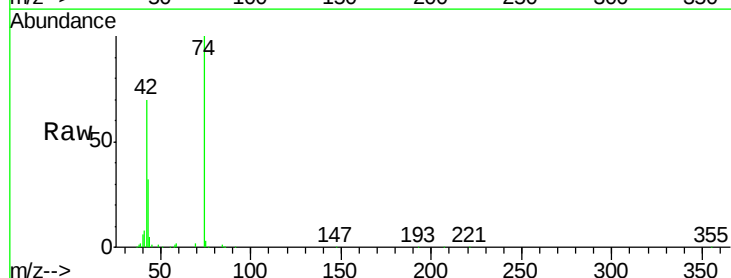
RT: 3.73 min Scan# 109

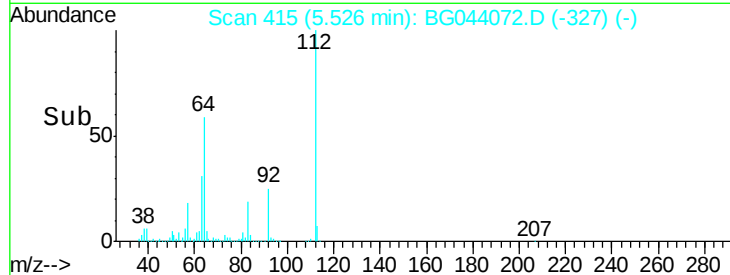
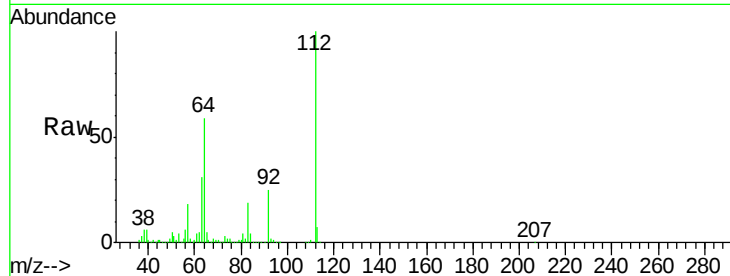
Delta R.T. -0.02 min

Lab File: BG044072.D

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Tgt Ion:	42	Resp:	153231
Ion Ratio	Lower	Upper	
42	100		
74	143.7	108.6	162.8
44	7.6	5.0	7.6





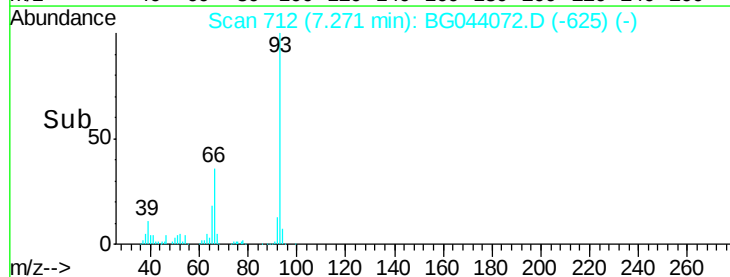
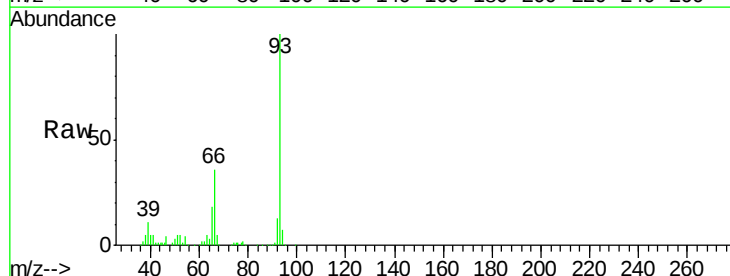
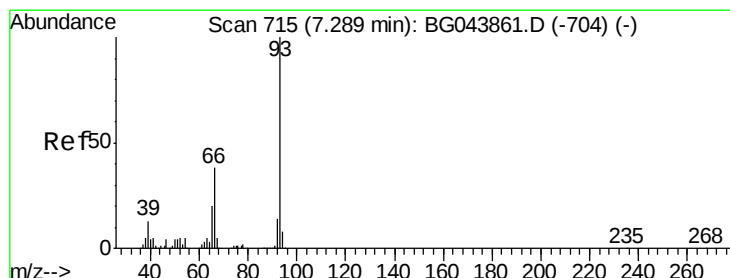
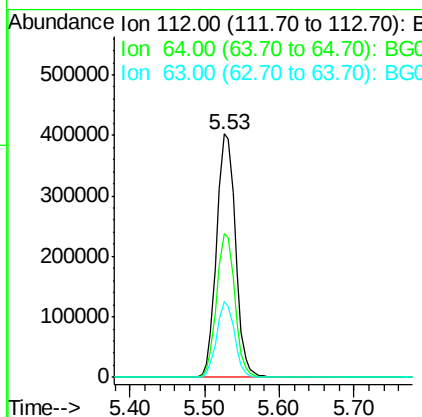
#5
2-Fluorophenol
Concen: 106.659 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tot Ion	Ratio	Resp	Lower	Upper
112	100	707929		
64	59.2	47.8	71.6	
63	31.1	24.3	36.5	

Instrument :
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BW-1-3.0MSD

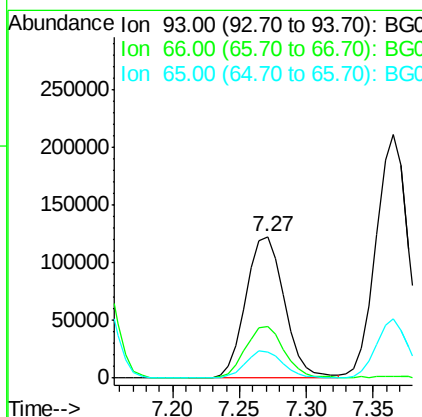
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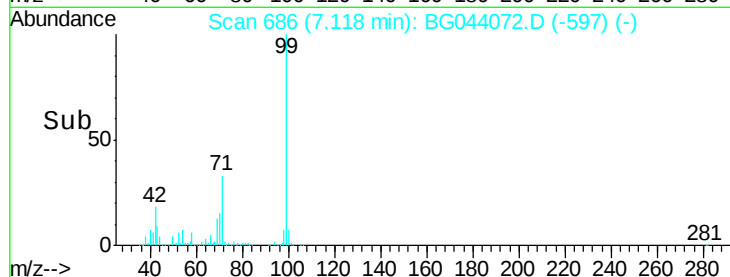
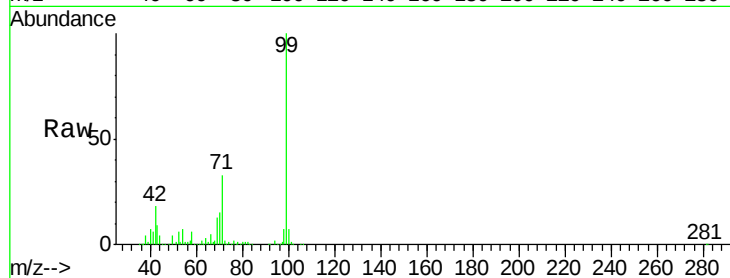
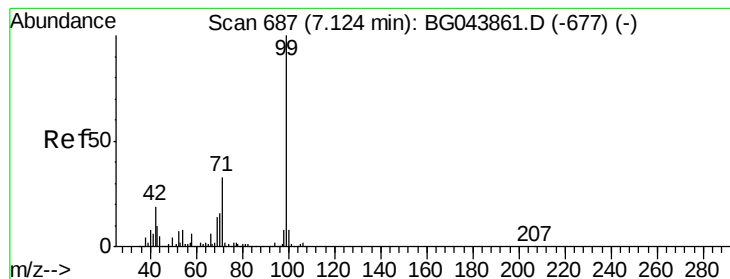
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#6
Aniline
Concen: 20.132 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	245332		
66	36.4	30.8	46.2	
65	18.1	16.0	24.0	





#7

Phenol-d6

Concen: 102.650 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		952357		
42	18.1	14.9	22.3		
71	32.9	26.4	39.6		

Instrument :

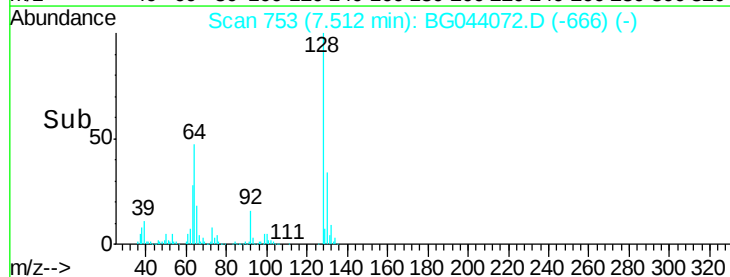
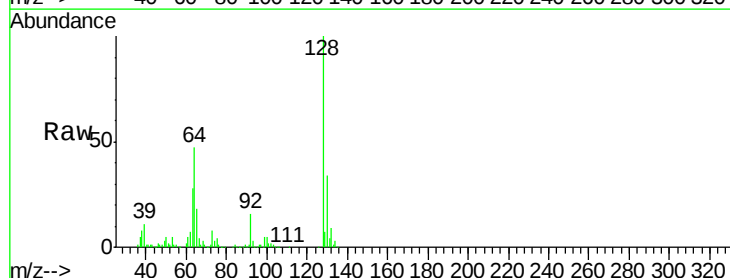
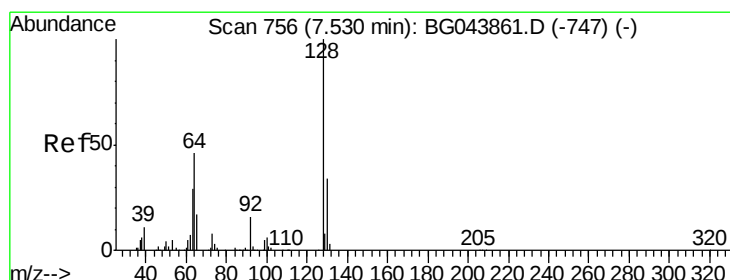
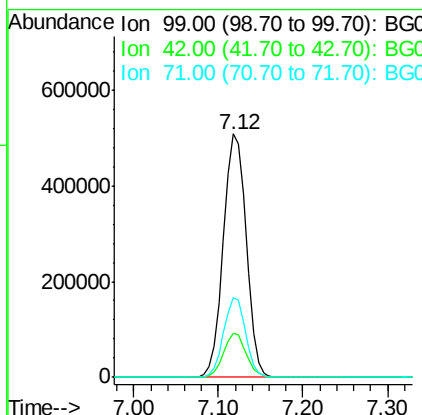
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#8

2-Chlorophenol

Concen: 47.372 ng

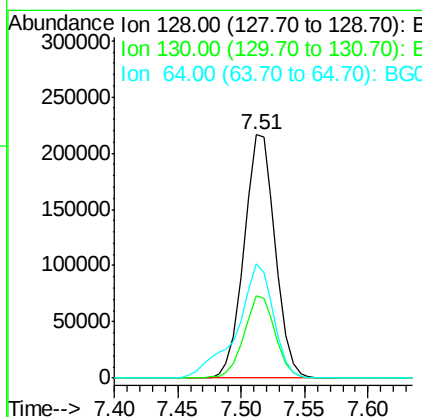
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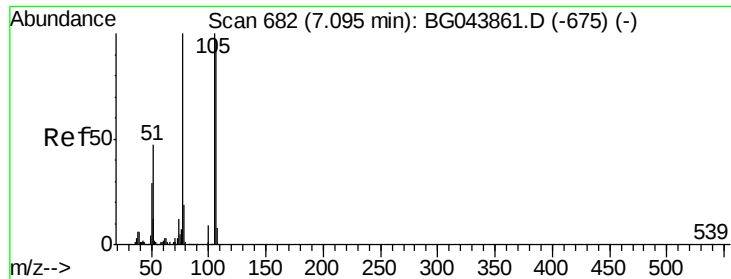
Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		369125		
130	33.9	13.8	53.8		
64	46.7	27.6	67.6		





#9

Benzaldehyde

Concen: 33.645 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

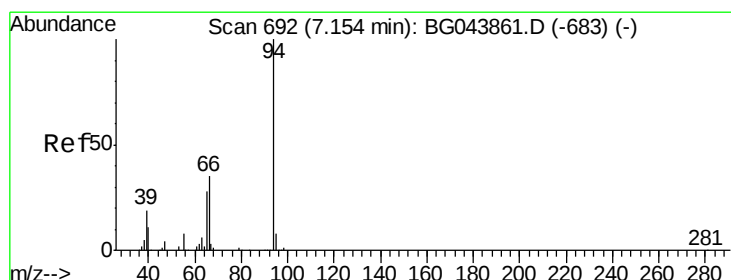
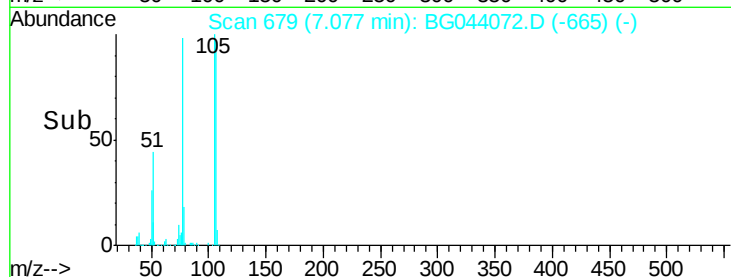
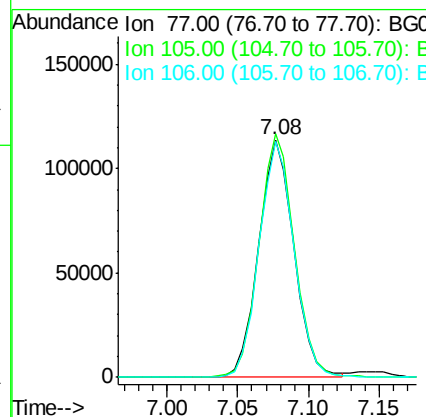
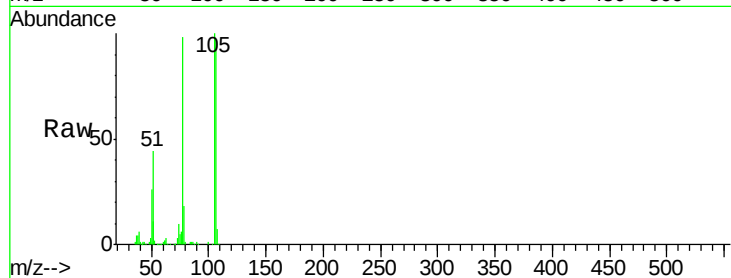
ClientSampleId :

BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.4	80.2	120.2
106	99.2	77.2	117.2

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#10

Phenol

Concen: 48.945 ng

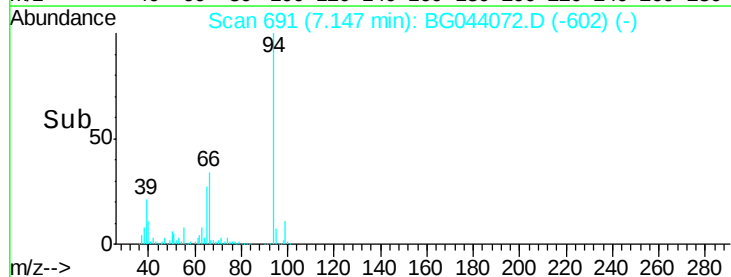
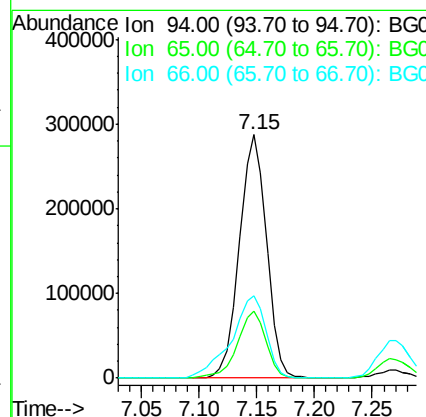
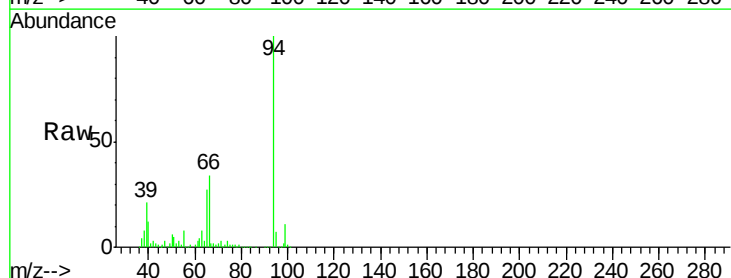
RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	34.0	15.6	55.6





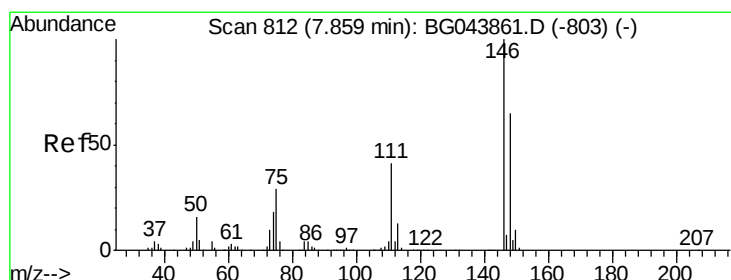
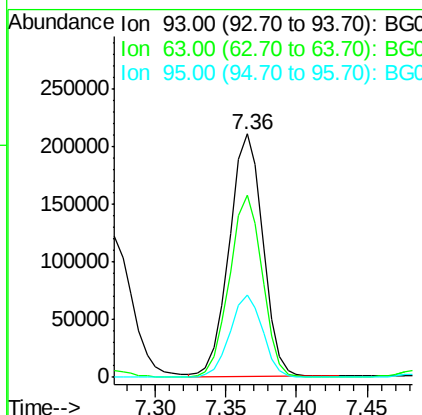
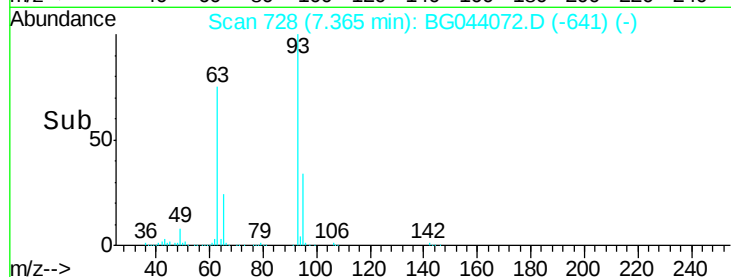
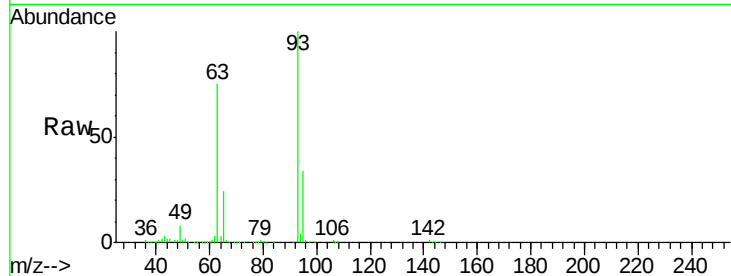
#11
bis(2-Chloroethyl)ether
Concen: 42.363 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	55.0	95.0
95	33.9	13.3	53.3

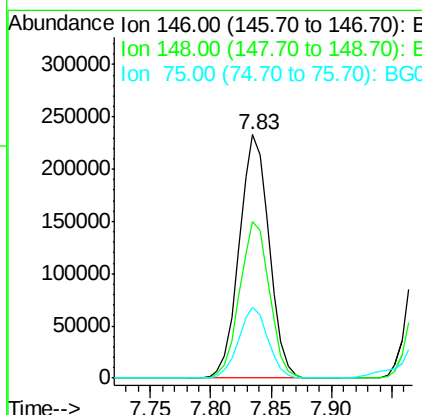
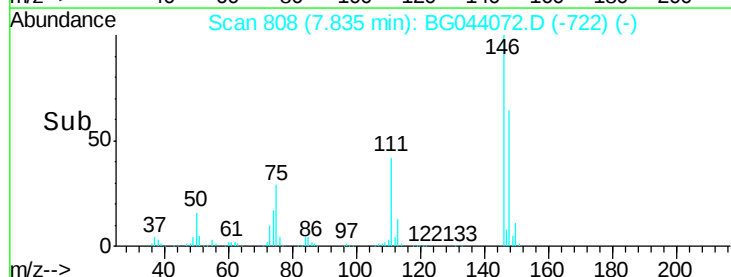
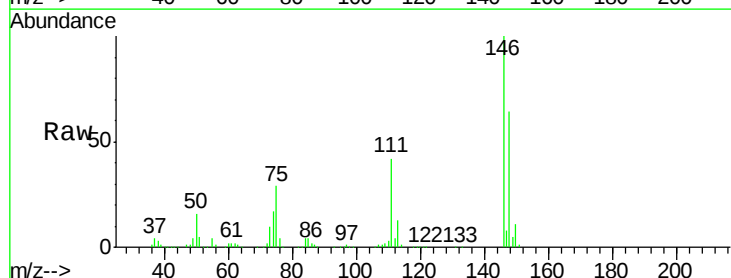
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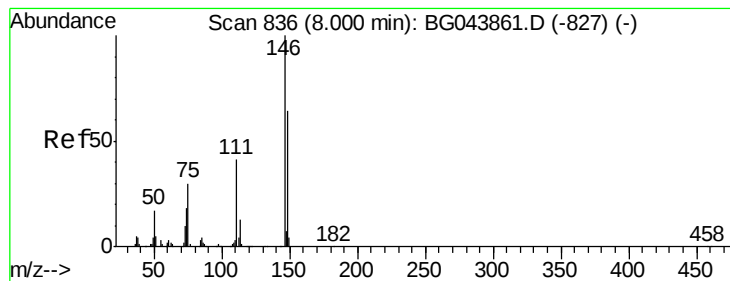
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.845 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	29.0	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 44.440 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

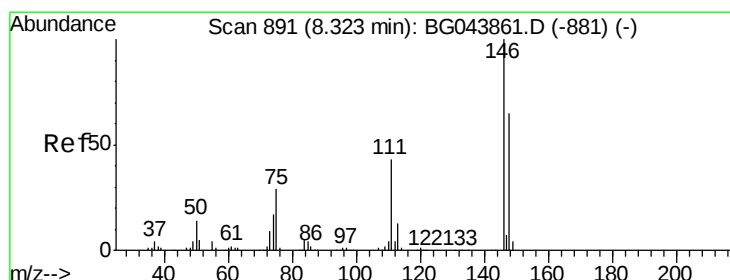
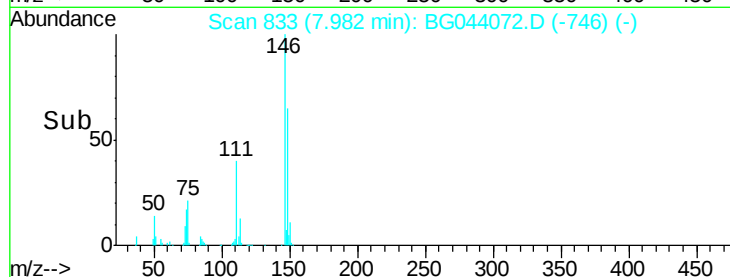
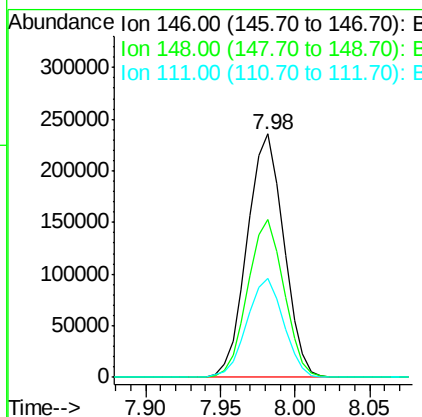
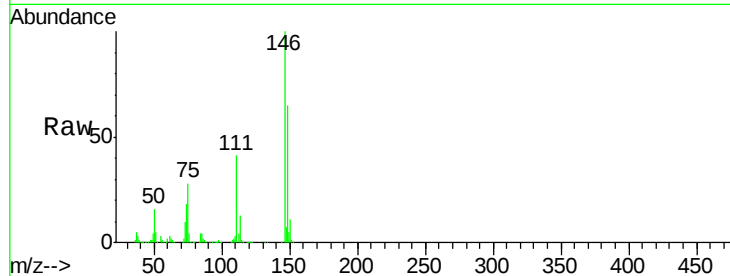
ClientSampleId :

BW-1-3.0MSD

Tot Ion:	146	Resp:	399823
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.2	76.8
111	40.5	33.1	49.7

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#14

1,2-Dichlorobenzene

Concen: 44.010 ng

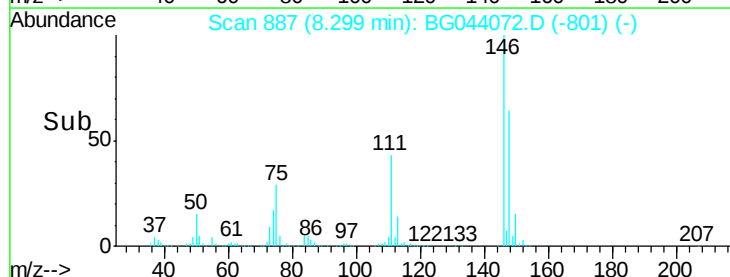
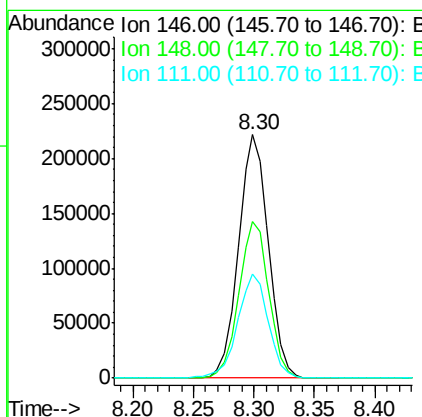
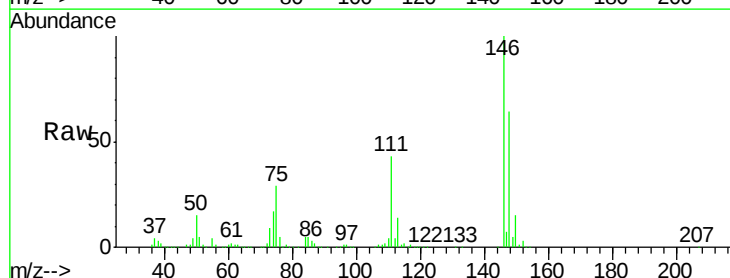
RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion:	146	Resp:	380051
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.7	77.5
111	42.9	34.4	51.6





#15

Benzyl Alcohol

Concen: 41.469 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

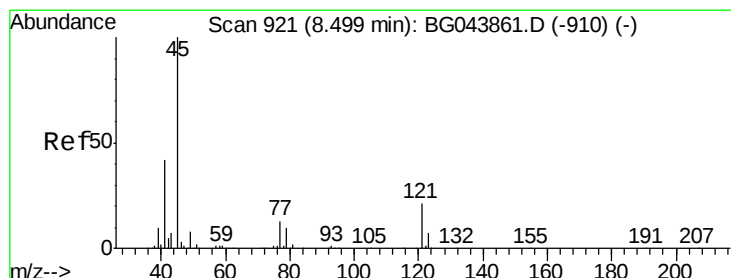
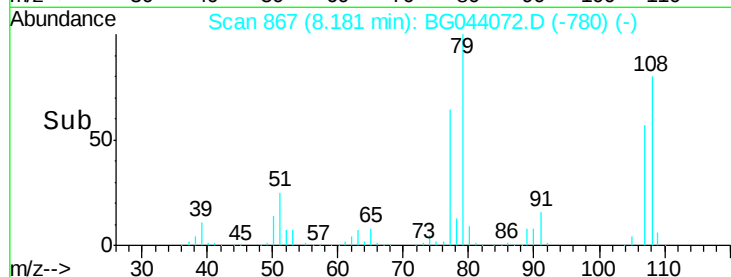
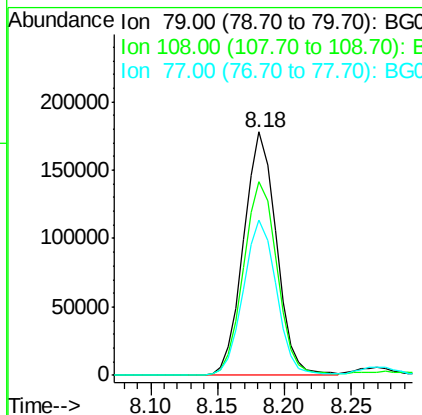
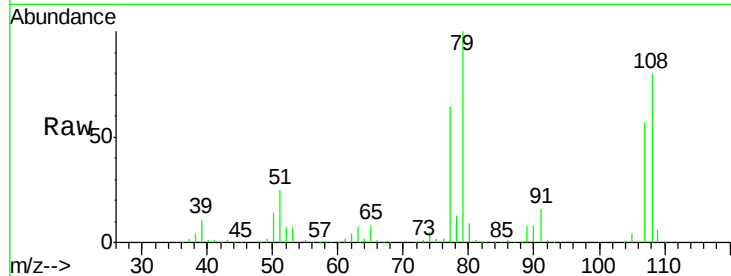
ClientSampleId :

BW-1-3.0MSD

Tot Ion:	79	Resp:	303645
Ion Ratio	Lower	Upper	
79	100		
108	79.6	65.6	98.4
77	64.0	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.460 ng

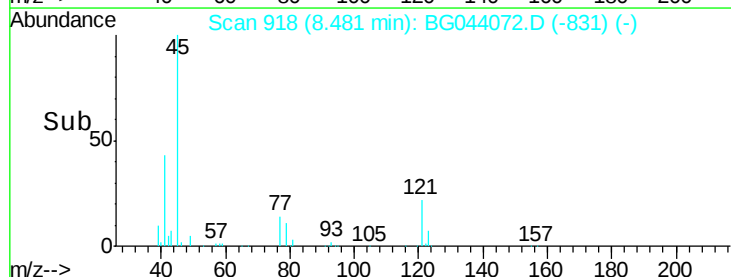
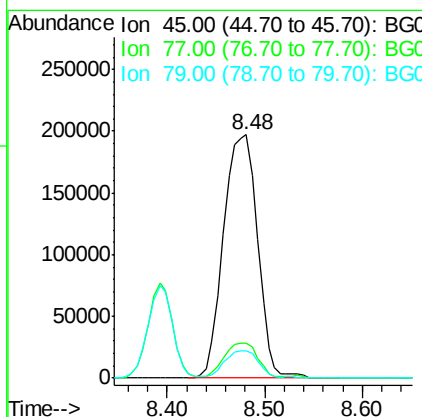
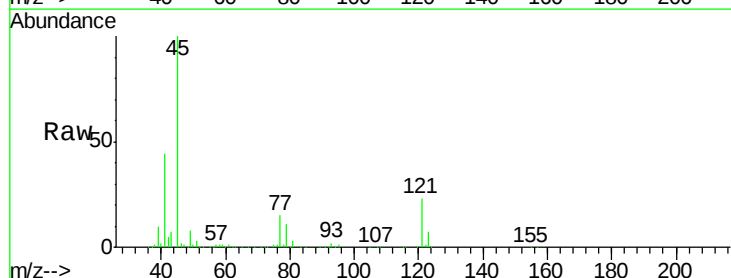
RT: 8.48 min Scan# 918

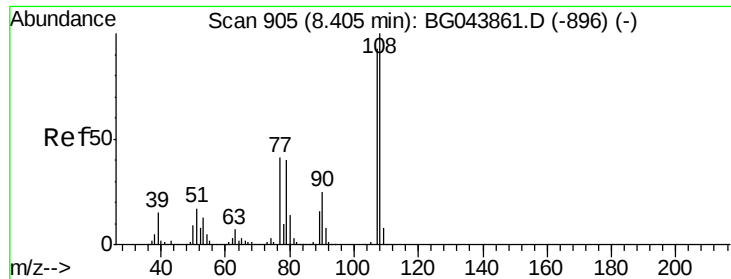
Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion:	45	Resp:	478202
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	33.8
79	11.4	0.0	31.0





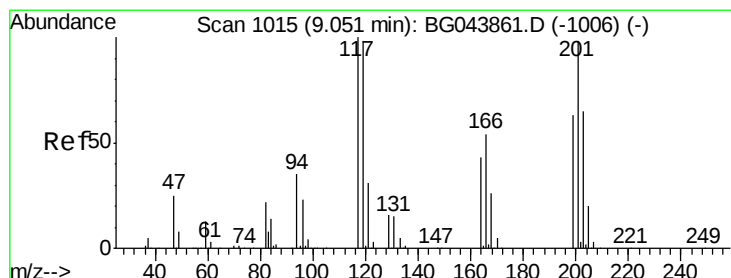
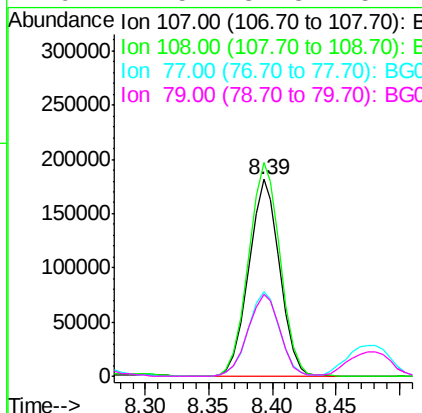
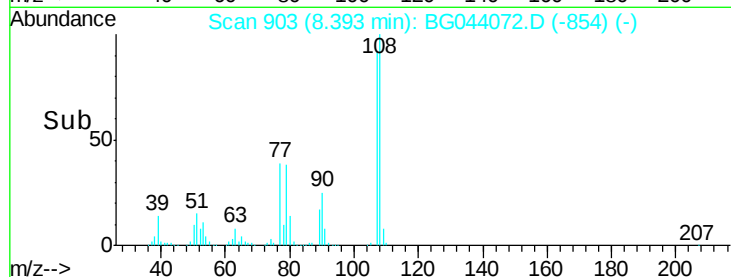
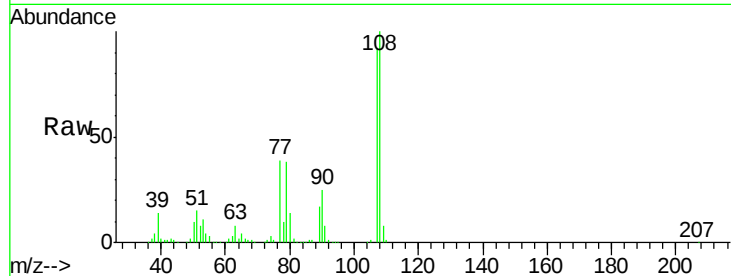
#17
2-Methylphenol
Concen: 44.490 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	307759		
108	108.5	86.1	129.1		
77	77	42.7	53.0		
79	79	41.5	52.2		

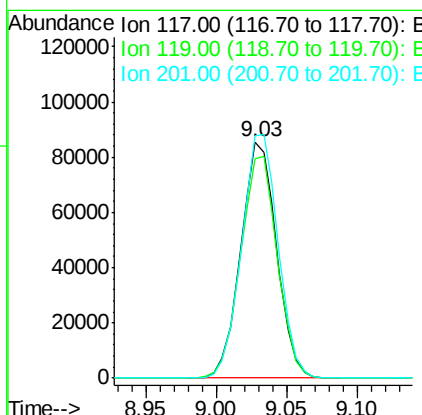
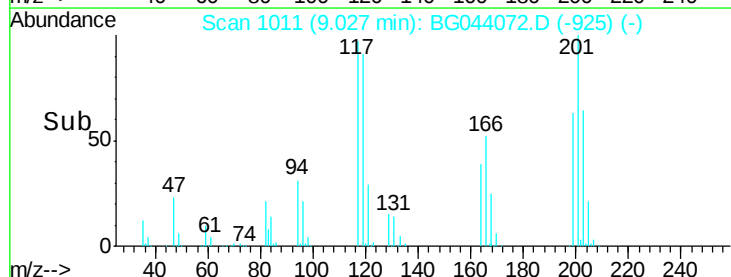
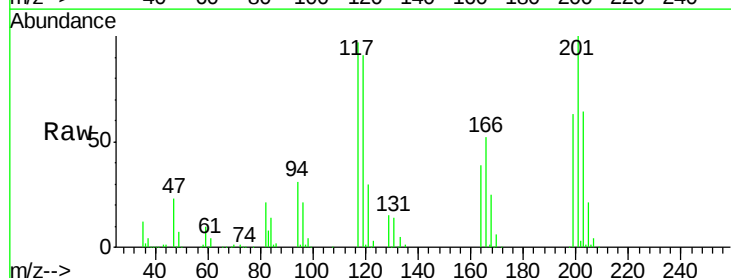
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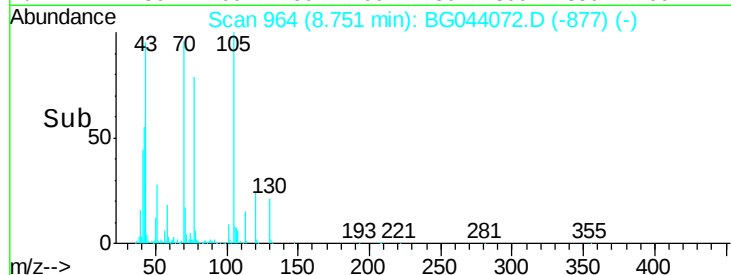
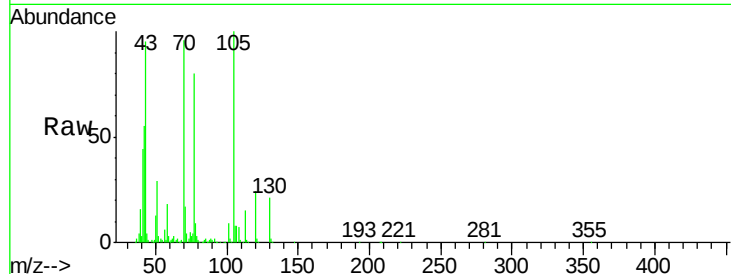
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#18
Hexachloroethane
Concen: 43.260 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	151444		
119	119	93.0	78.1	117.1	
201	201	102.6	78.6	117.8	





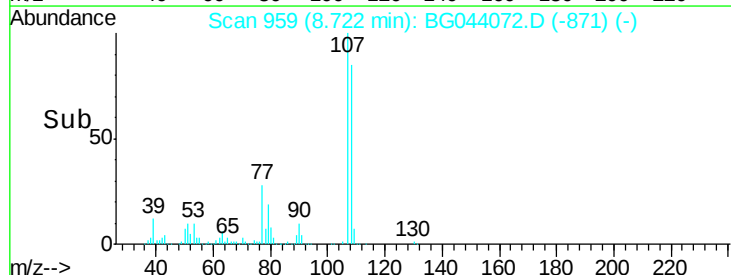
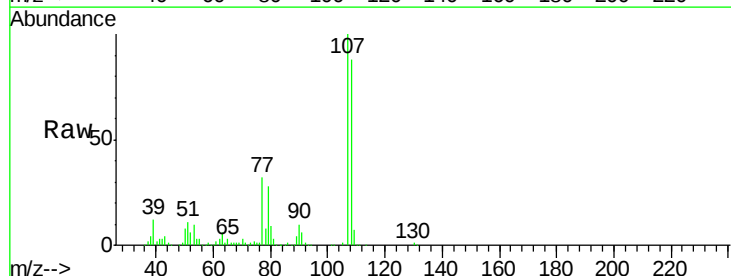
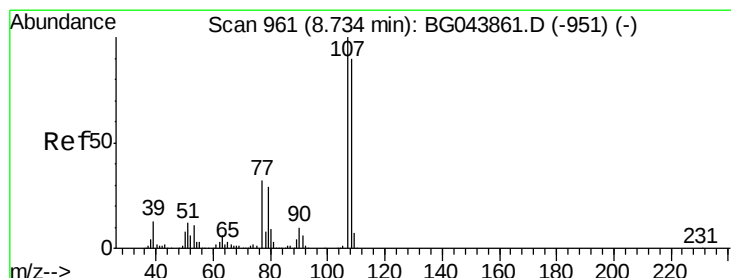
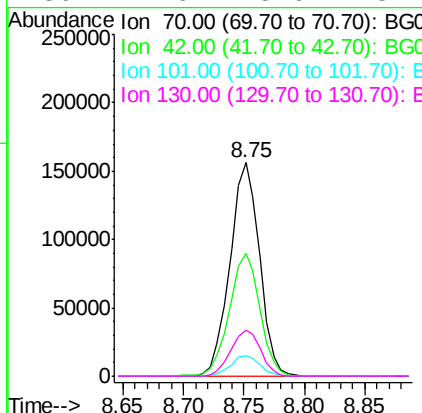
#19
n-Nitroso-di-n-propylamine
Concen: 38.498 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

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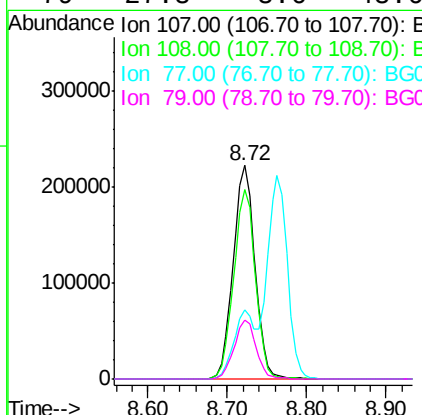
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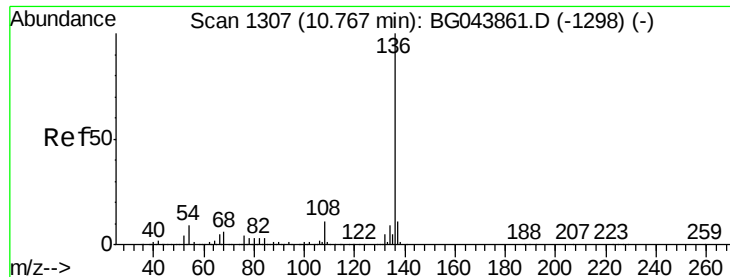
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.0	70.4
101	9.6	7.2	10.8
130	21.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 43.772 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.3	110.3
77	32.3	12.4	52.4
79	27.8	8.6	48.6





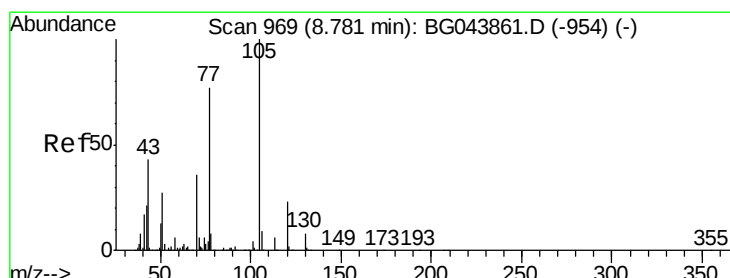
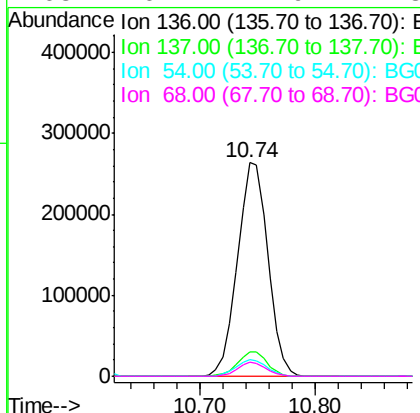
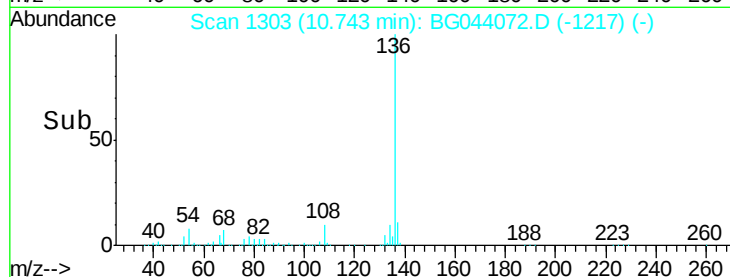
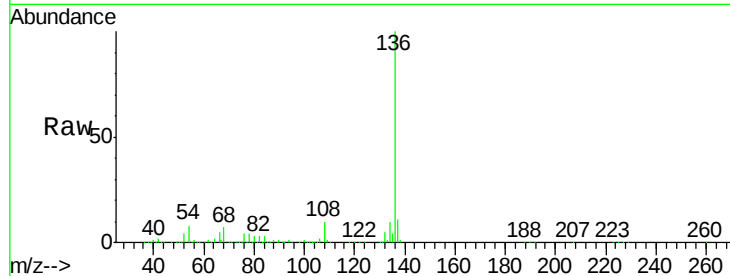
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	482061		
137	11.4		8.8	13.2
54	7.9		7.0	10.4
68	6.7		4.9	7.3

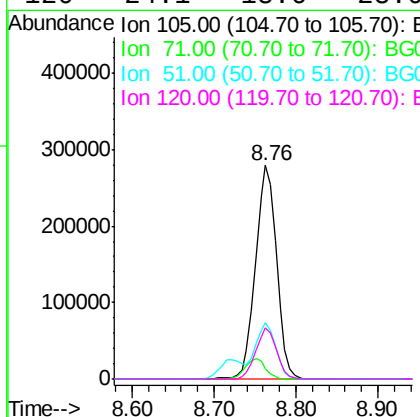
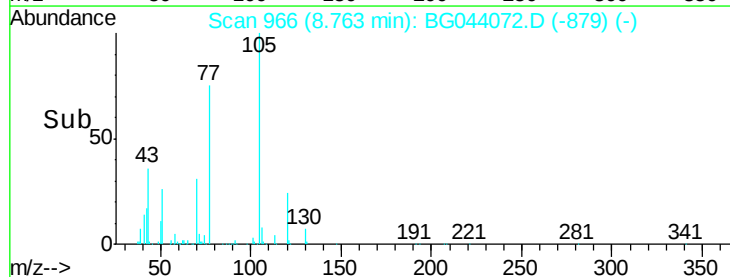
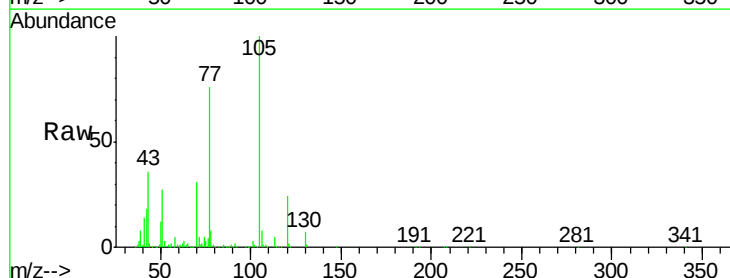
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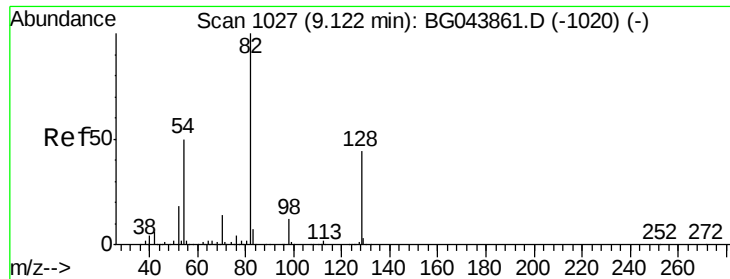
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#22
Acetophenone
Concen: 41.782 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500734		
71	5.1		4.8	7.2
51	26.7		21.4	32.0
120	24.1		18.6	28.0





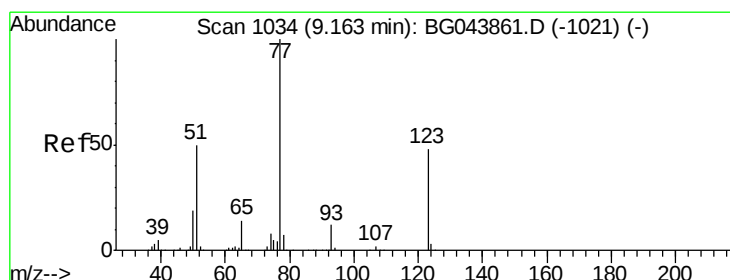
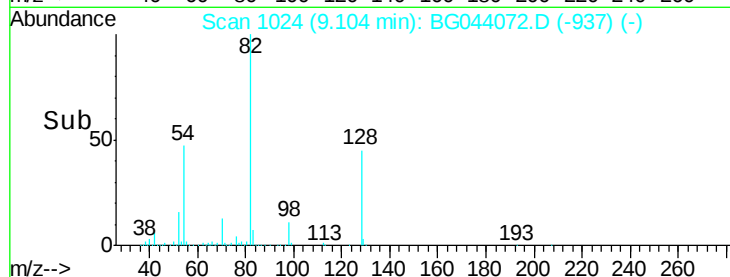
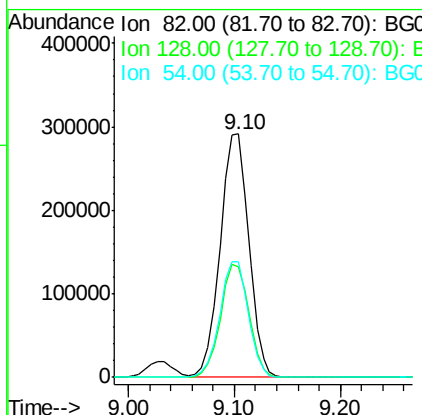
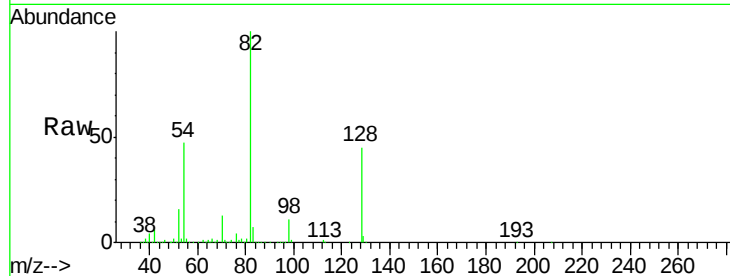
#23
 Nitrobenzene-d5
 Concen: 60.945 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	549182		
128	45.4	35.1	52.7	
54	47.4	40.1	60.1	

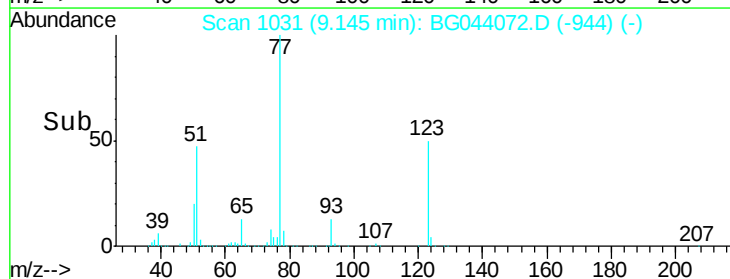
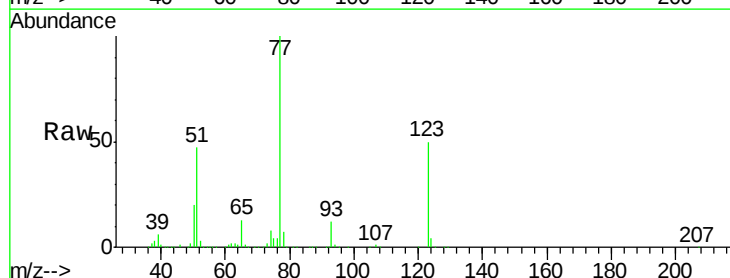
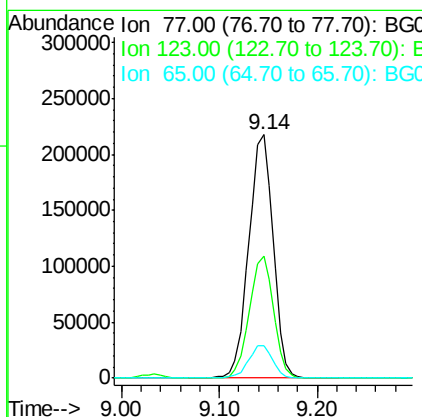
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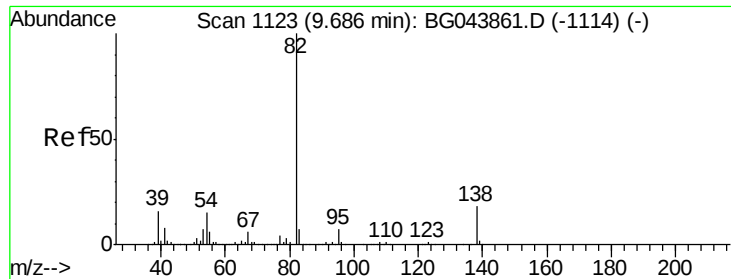
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#24
 Nitrobenzene
 Concen: 42.583 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	380053		
123	49.9	38.7	58.1	
65	13.4	11.1	16.7	





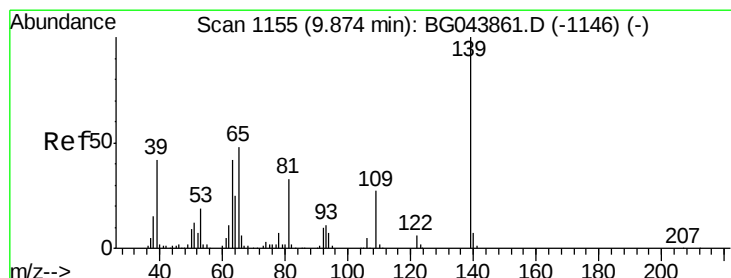
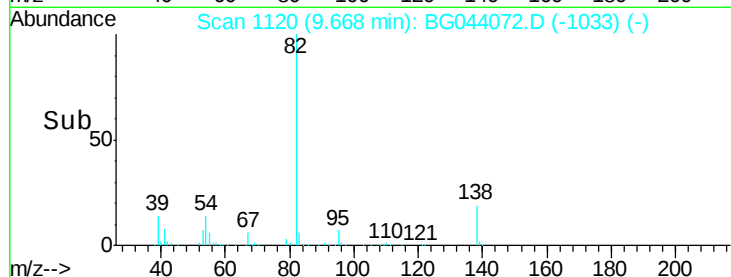
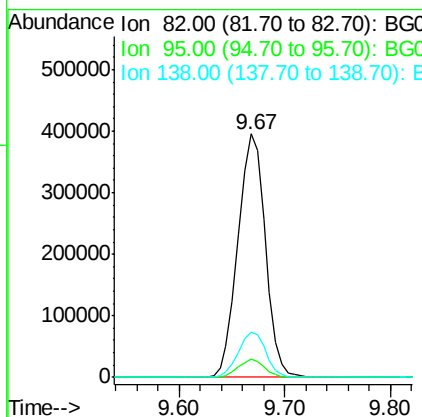
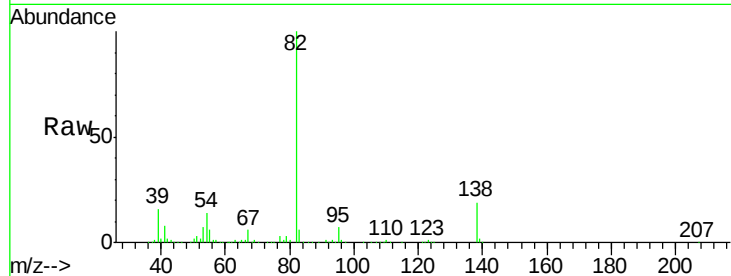
#25
Isophorone
Concen: 41.996 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	18.8	14.6	22.0

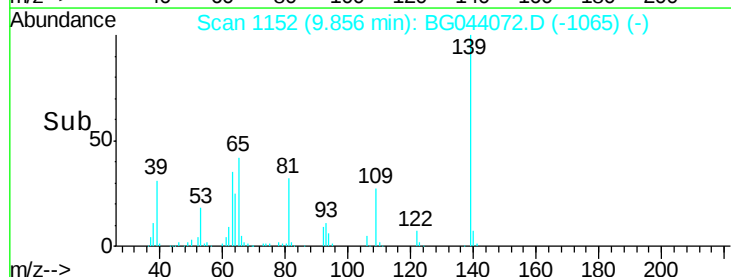
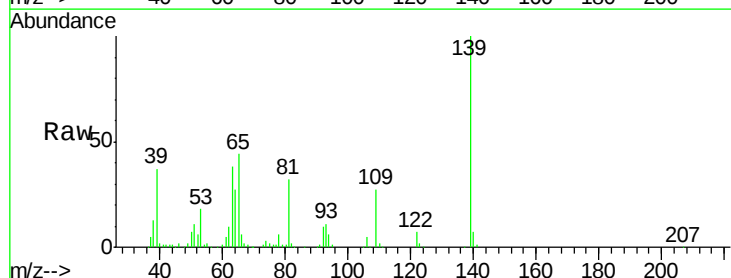
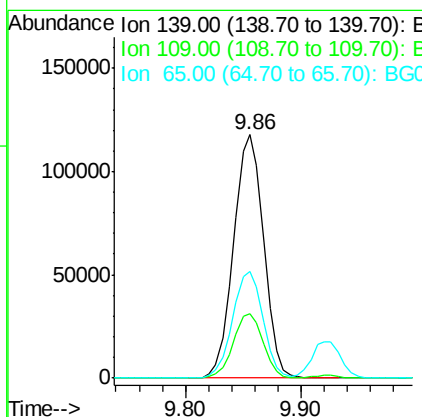
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#26
2-Nitrophenol
Concen: 50.235 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.6	21.3	31.9
65	44.0	38.6	57.8





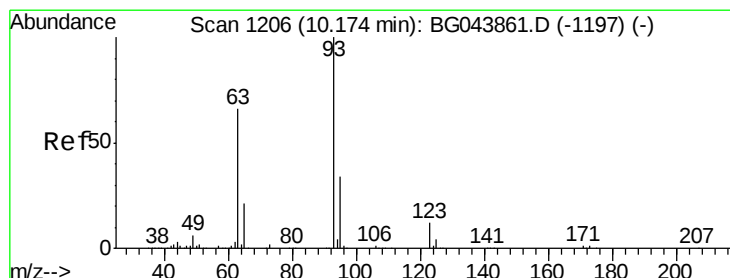
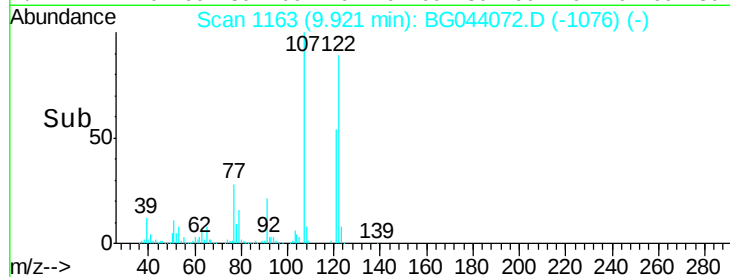
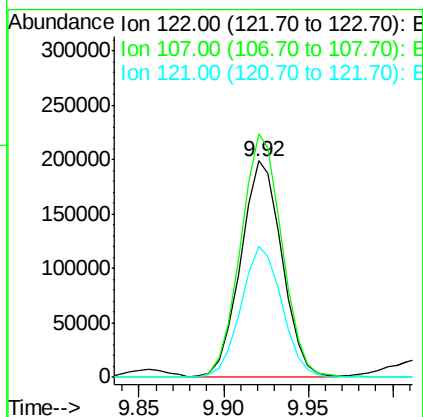
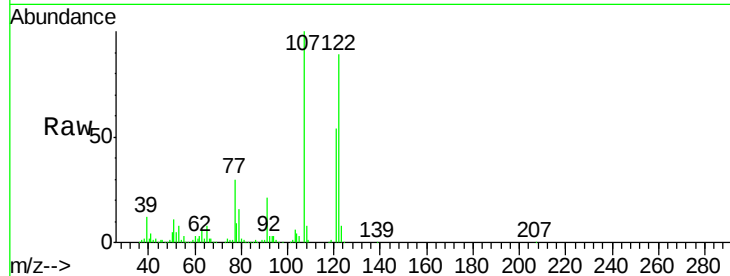
#27
 2,4-Dimethylphenol
 Concen: 52.949 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	336553		
107	112.6	88.0	132.0	
121	60.4	49.0	73.4	

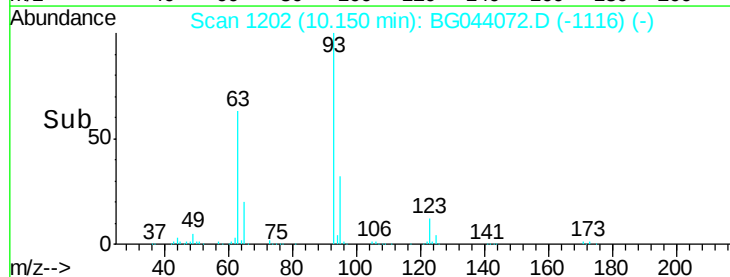
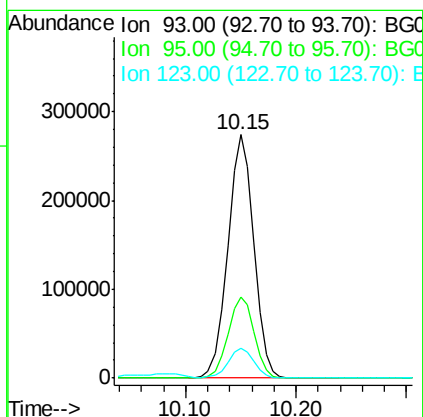
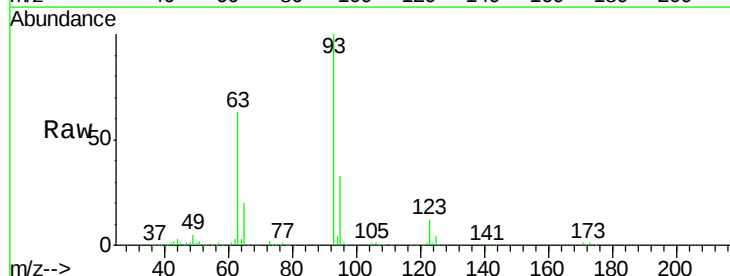
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.857 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	449223		
95	33.4	27.2	40.8	
123	12.2	9.7	14.5	





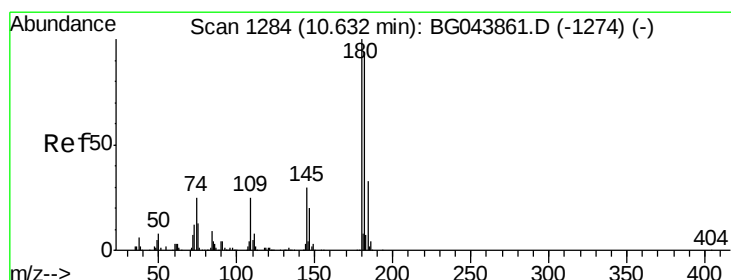
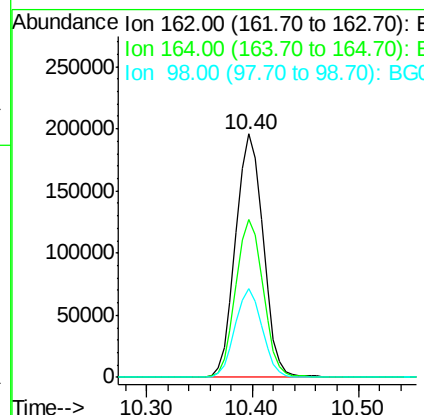
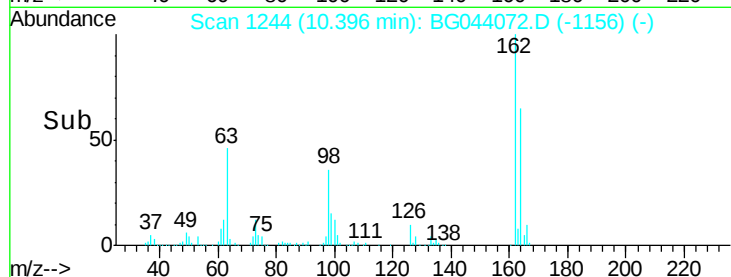
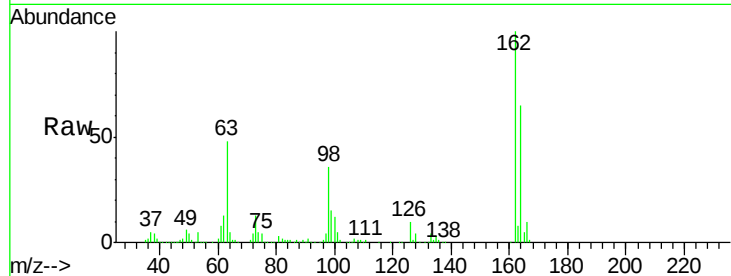
#29
 2,4-Dichlorophenol
 Concen: 46.777 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.3	86.3
98	36.3	17.3	57.3

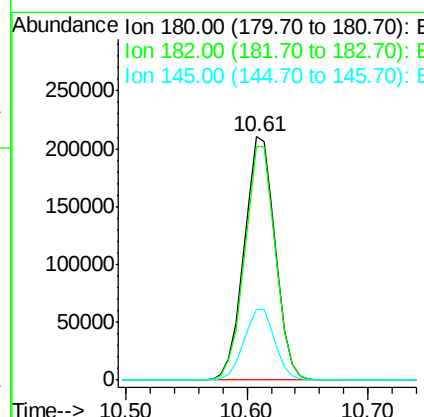
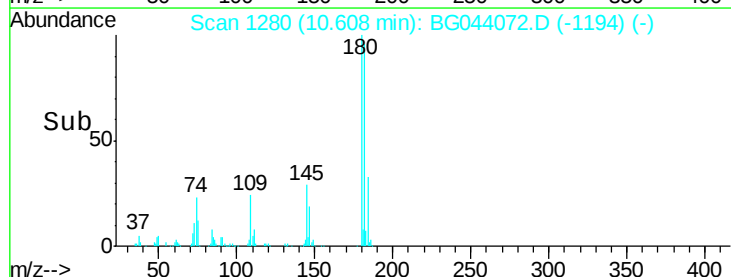
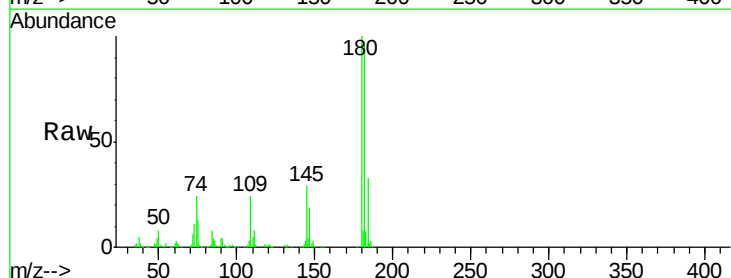
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.122 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.0	112.4
145	29.2	24.2	36.4





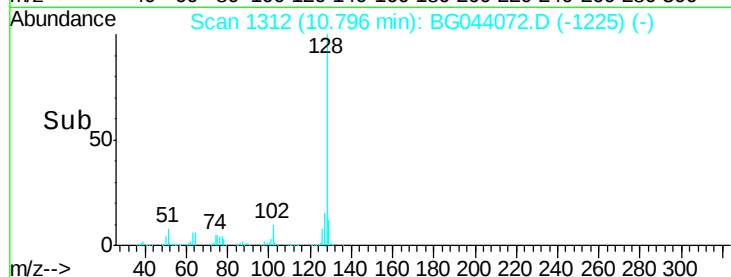
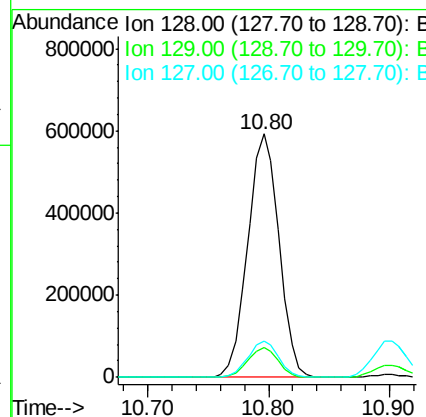
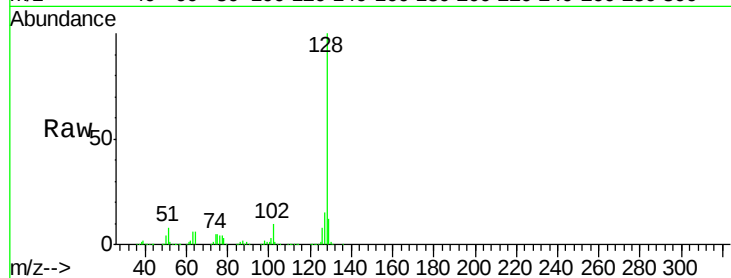
#31
Naphthalene
Concen: 45.831 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	15.0	12.0	18.0

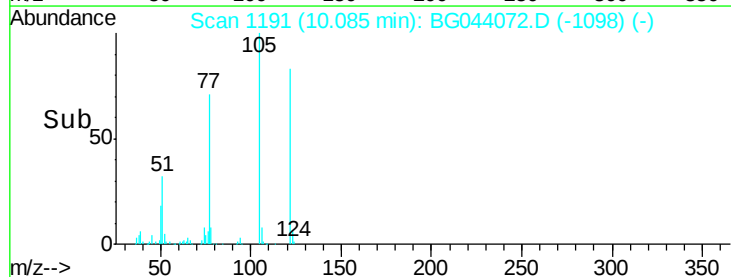
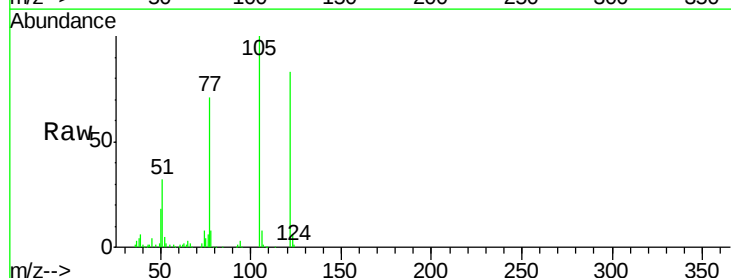
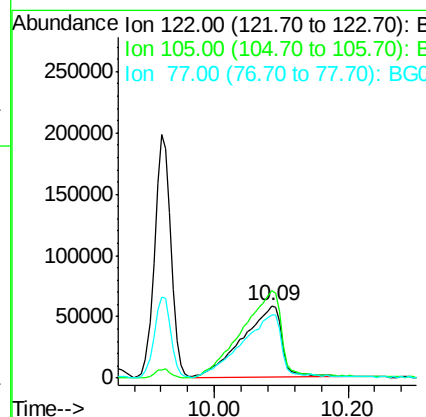
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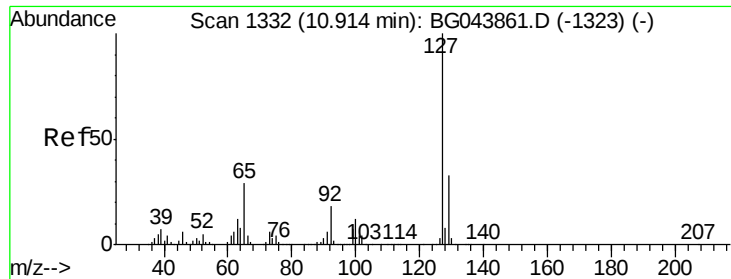
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#32
Benzoic acid
Concen: 46.350 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	106.4	146.4
77	86.3	74.6	114.6





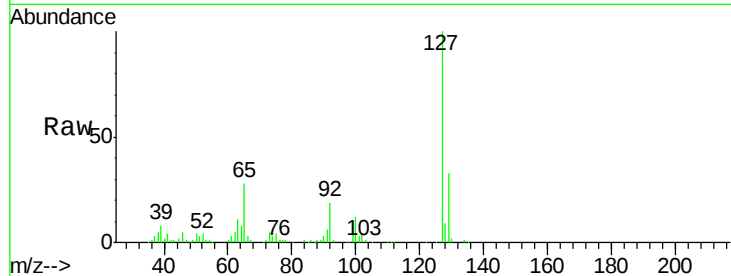
#33
4-Chloroaniline
Concen: 16.121 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

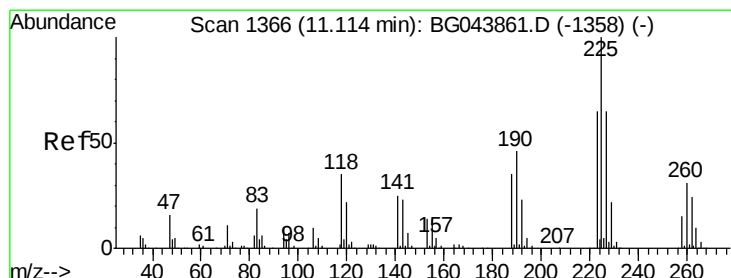
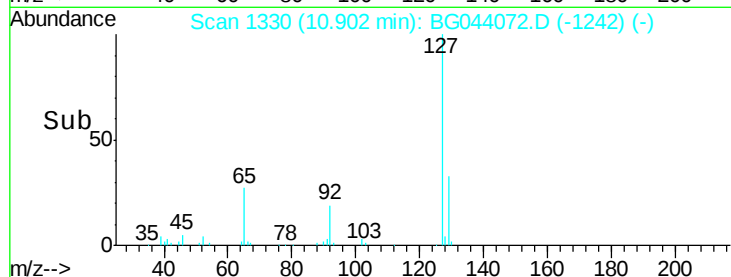
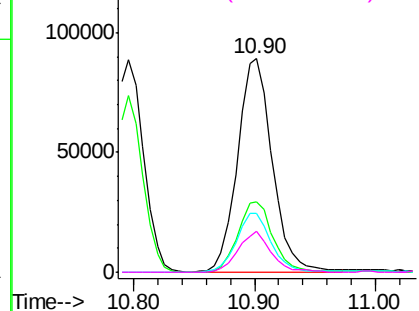
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	27.7	23.3	34.9
92	19.2	14.7	22.1

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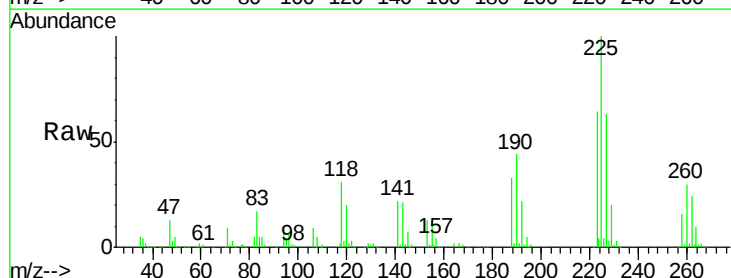


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

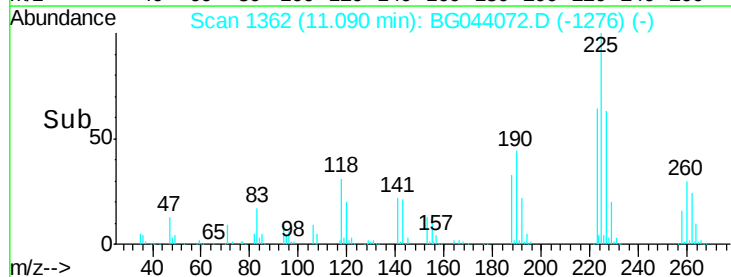
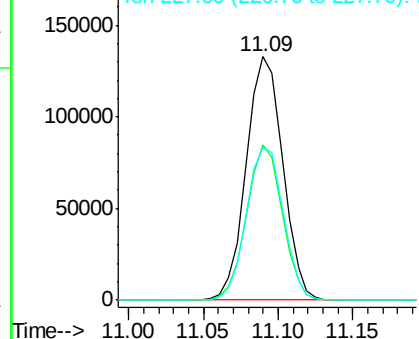


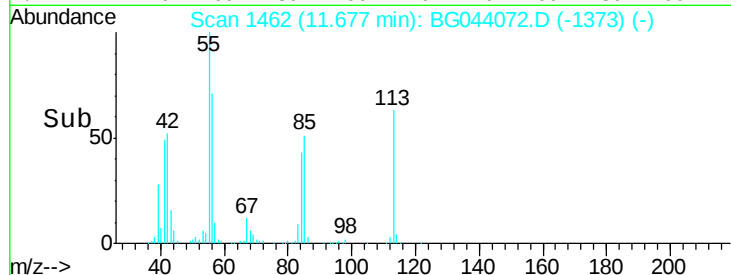
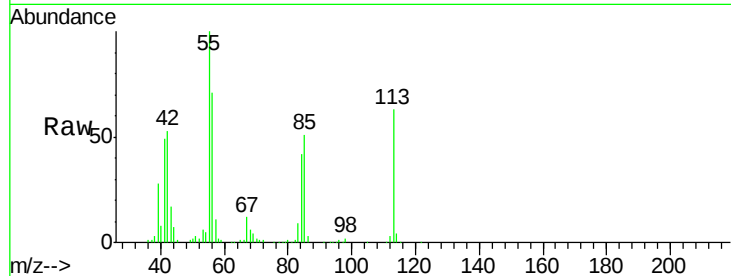
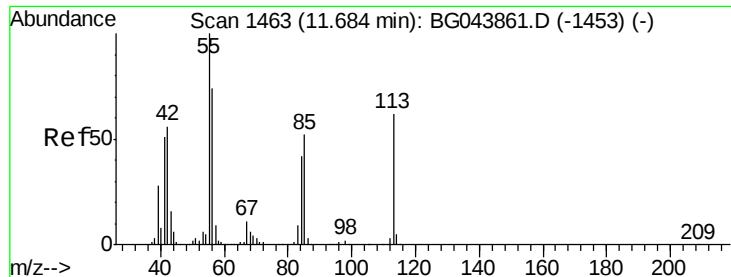
#34
Hexachlorobutadiene
Concen: 43.359 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.2	78.4
227	62.8	52.1	78.1



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





#35

Caprolactam

Concen: 44.351 ng/mL

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MSD

Tot Ion:113 Resp: 125178

Ion Ratio Lower Upper

113 100

55 159.6 142.5 182.5

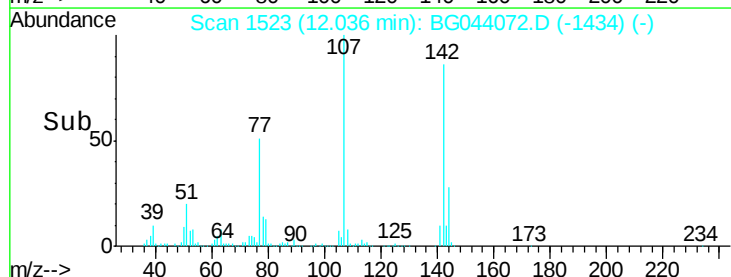
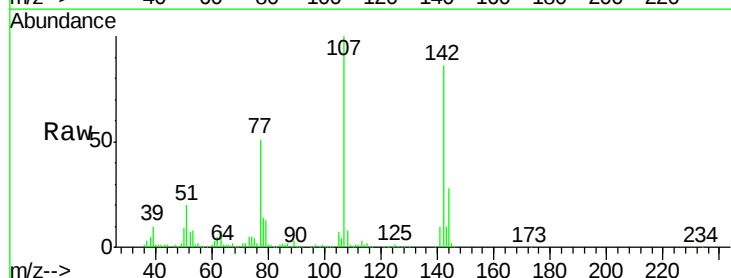
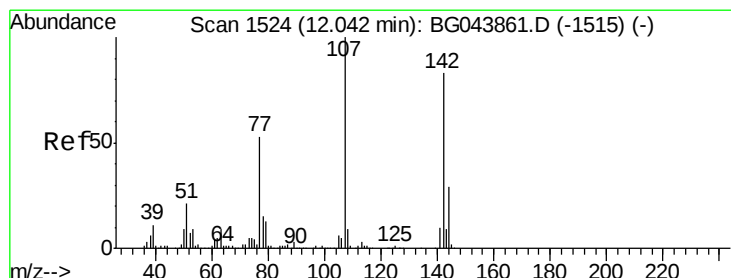
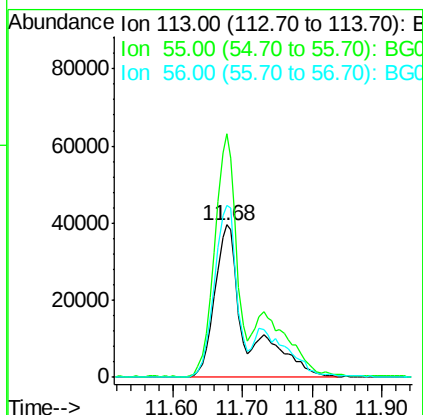
56 112.6 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 44.315 ng/mL

RT: 12.04 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

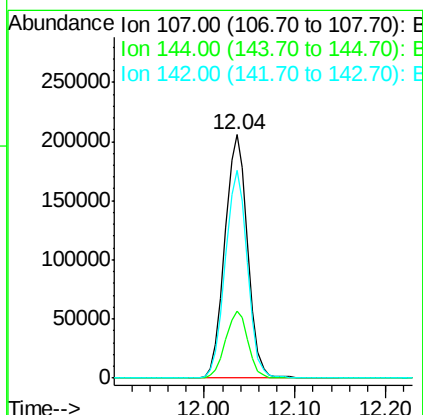
Tgt Ion:107 Resp: 357674

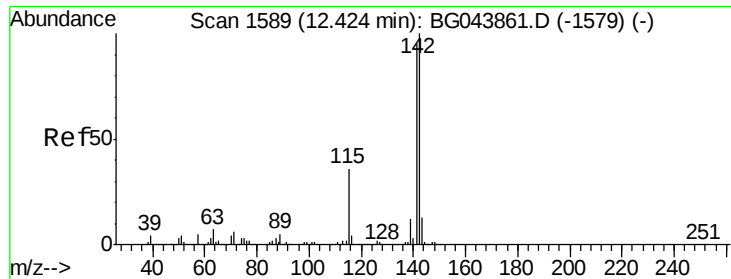
Ion Ratio Lower Upper

107 100

144 27.7 23.4 35.2

142 85.5 66.3 99.5





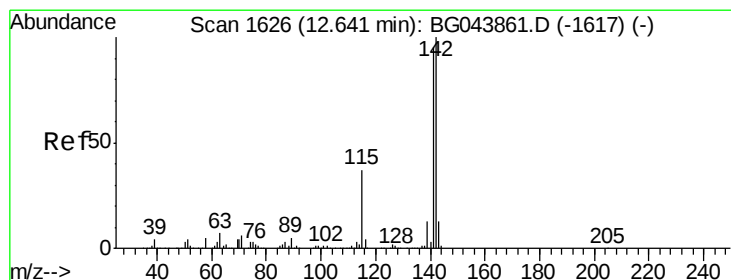
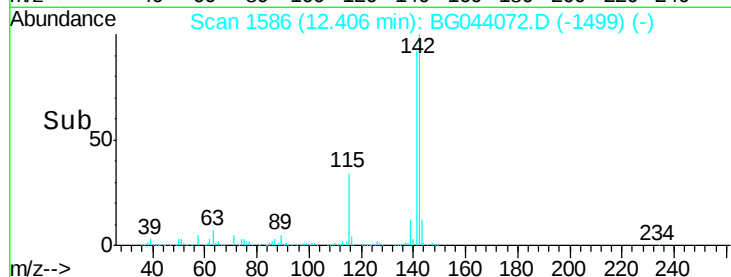
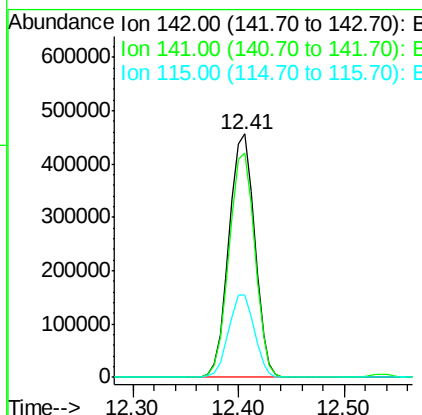
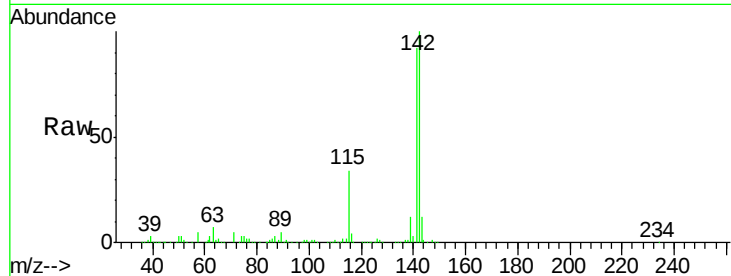
#37
2-Methylnaphthalene
Concen: 43.786 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.8	113.8
115	33.7	28.6	42.8

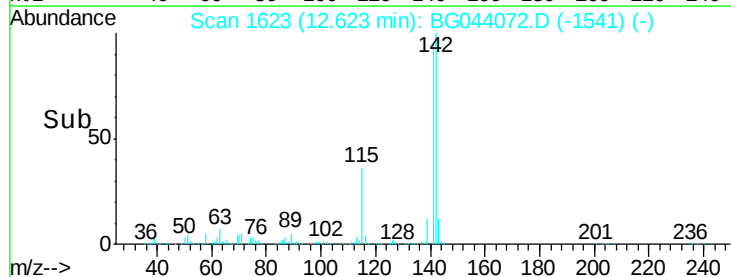
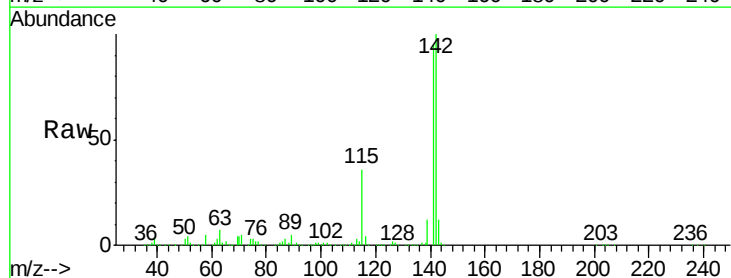
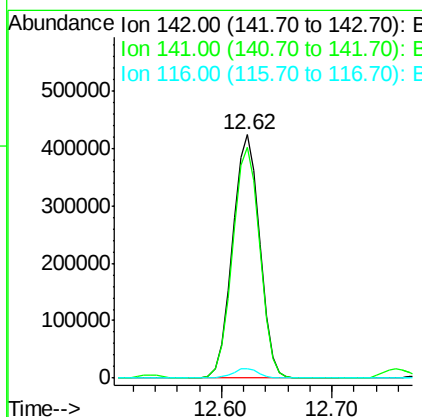
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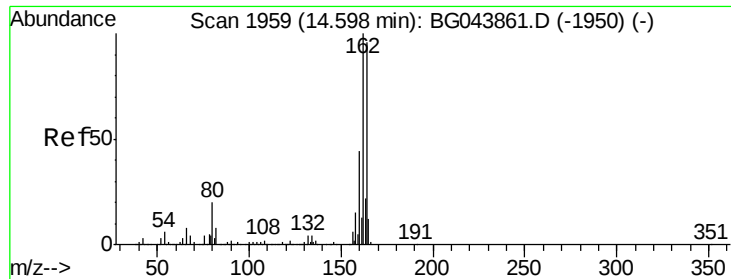
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#38
1-Methylnaphthalene
Concen: 43.871 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	76.0	114.0
116	3.8	3.1	4.7





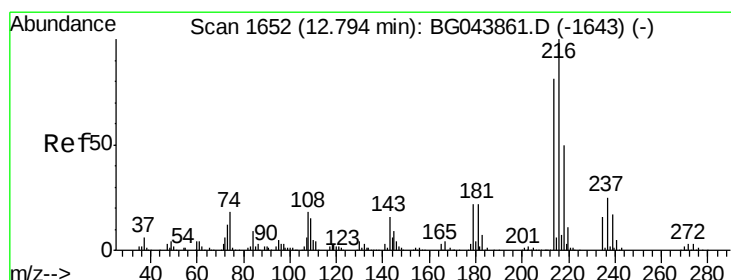
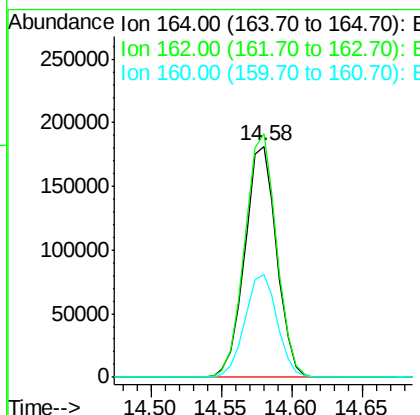
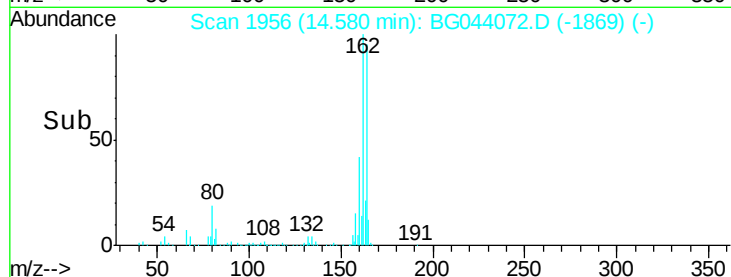
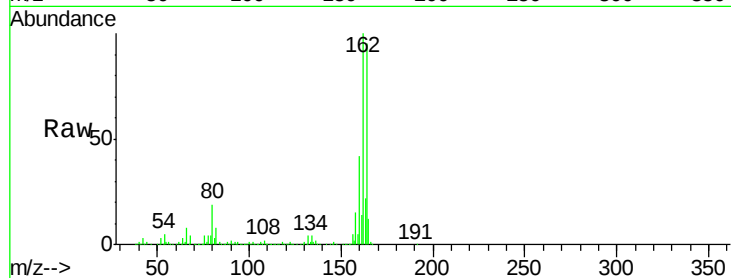
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	287347		
162	105.4	83.0	124.4	
160	44.5	36.1	54.1	

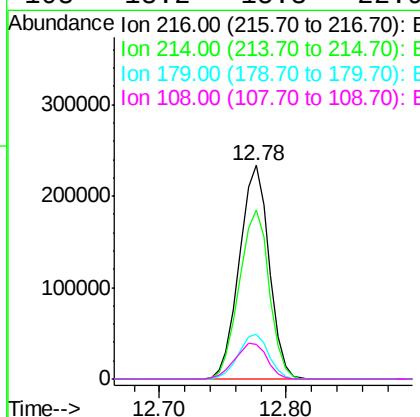
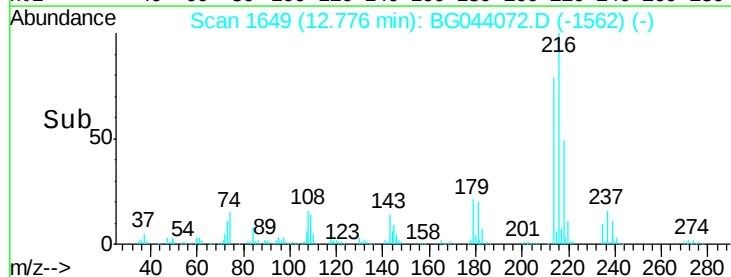
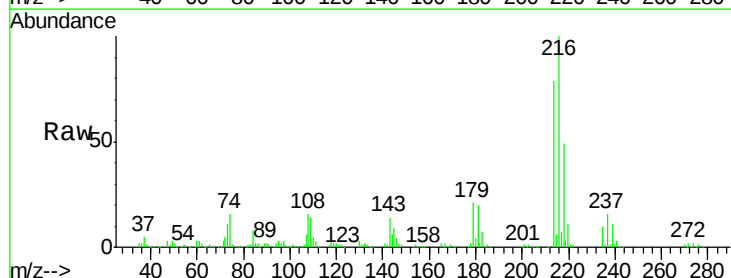
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.017 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	379139		
214	79.6	63.8	95.8	
179	21.0	17.3	25.9	
108	18.2	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 52.263 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

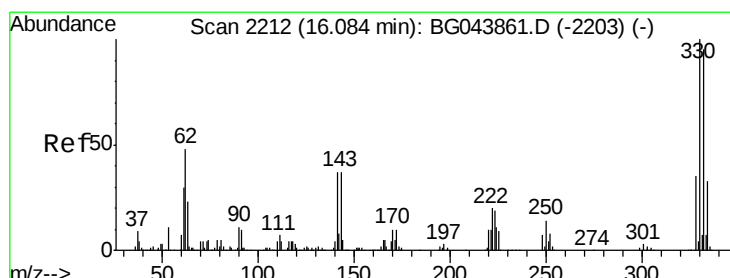
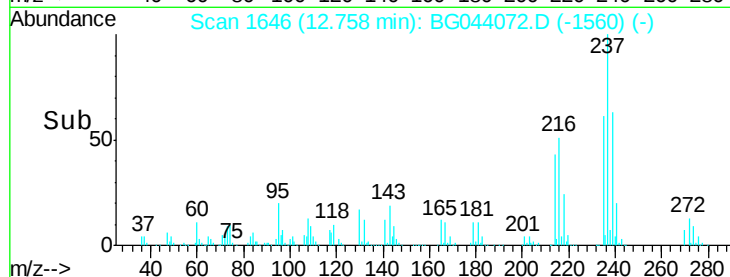
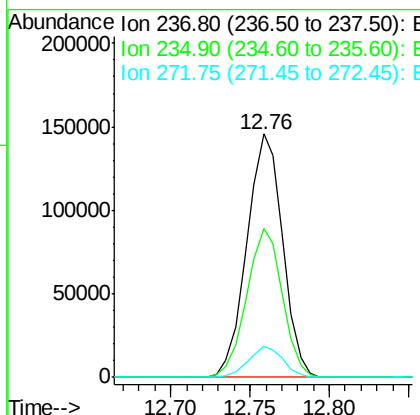
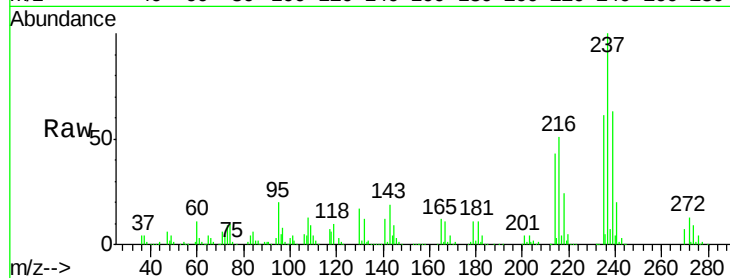
ClientSampleId :

BW-1-3.0MSD

Tot Ion:	237	Resp:	228200
Ion Ratio	Lower	Upper	
237	100		
235	61.3	41.1	81.1
272	12.8	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 104.715 ng

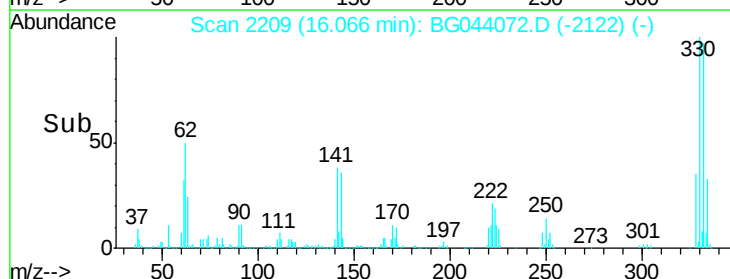
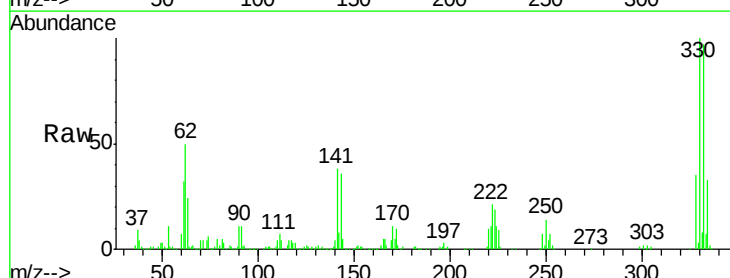
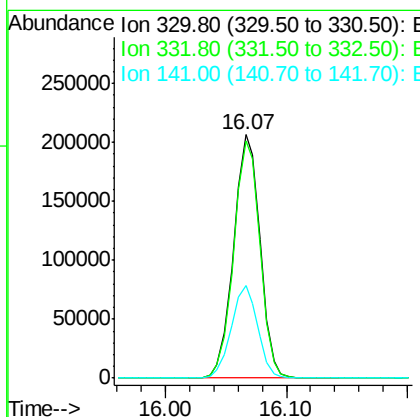
RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion:	330	Resp:	314881
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.2	115.8
141	37.6	33.1	49.7





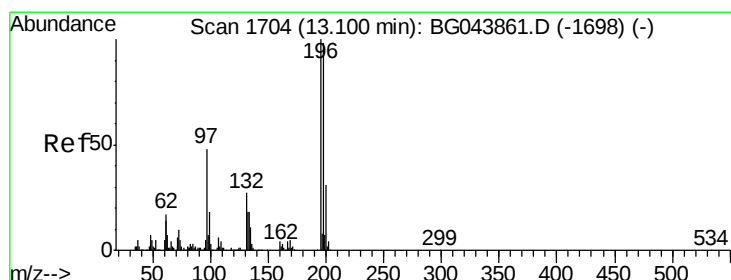
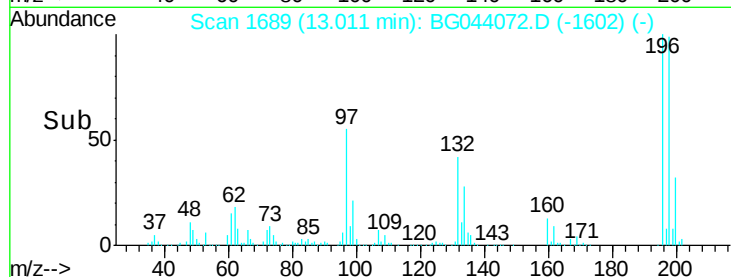
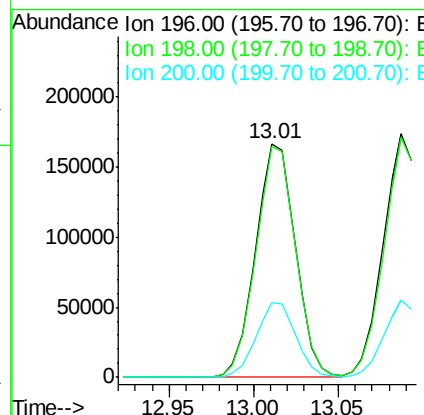
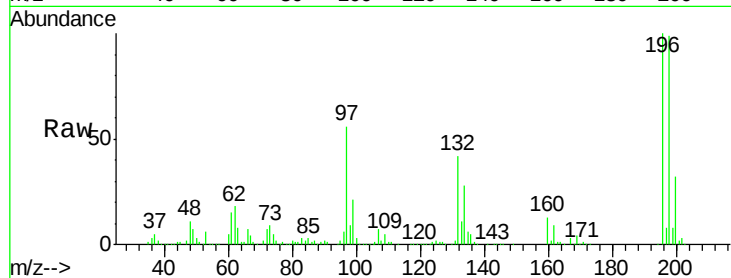
#43
 2,4,6-Trichlorophenol
 Concen: 47.316 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.7	76.6	115.0
200	32.2	24.6	37.0

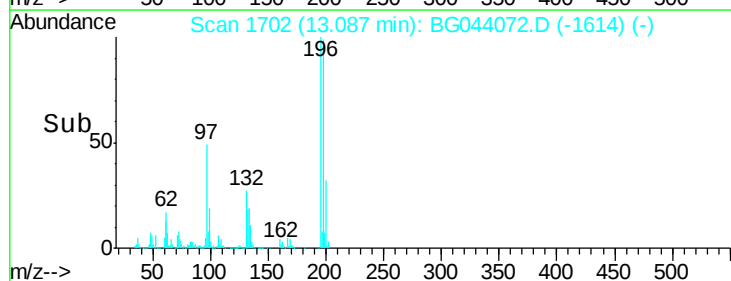
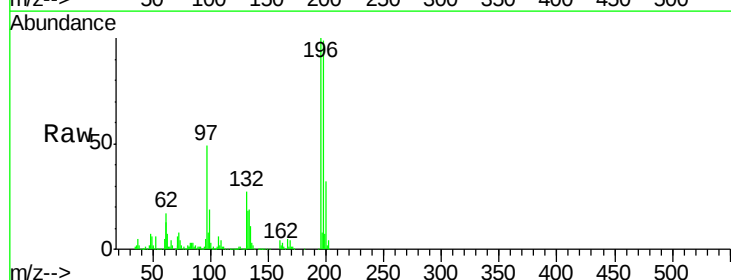
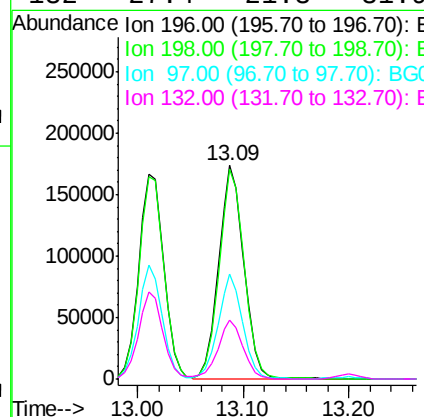
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#44
 2,4,5-Trichlorophenol
 Concen: 48.067 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.3	117.5
97	49.4	38.8	58.2
132	27.4	21.3	31.9





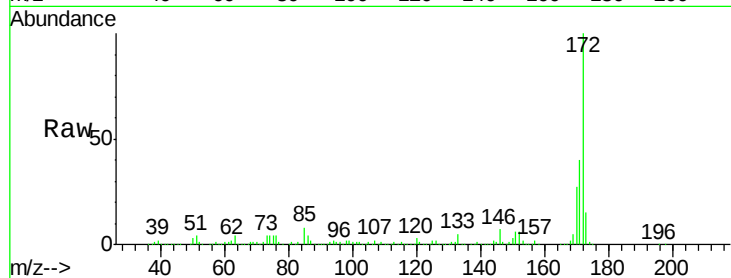
#45
2-Fluorobiphenyl
Concen: 70.845 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

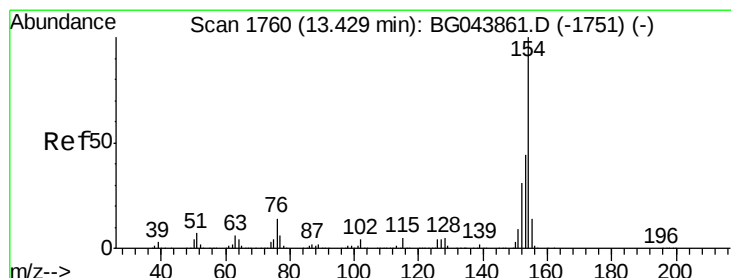
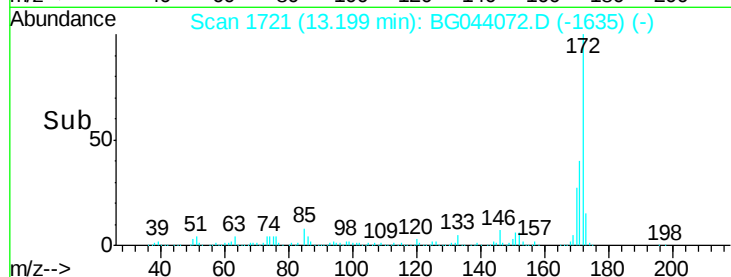
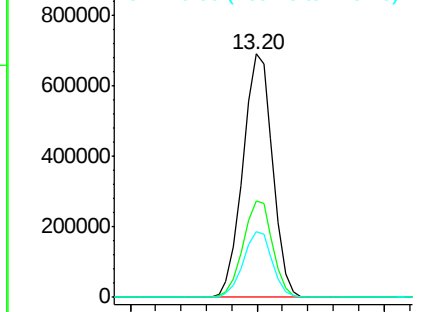
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	35.8	53.8
170	27.0	24.2	36.4

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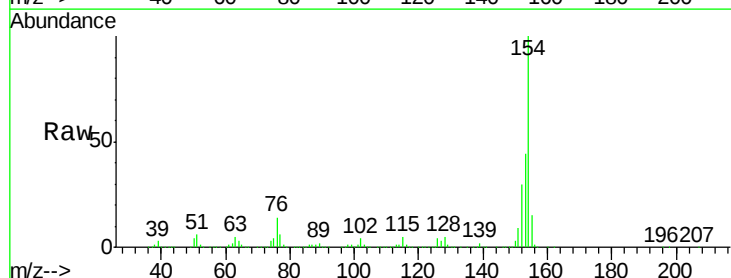


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

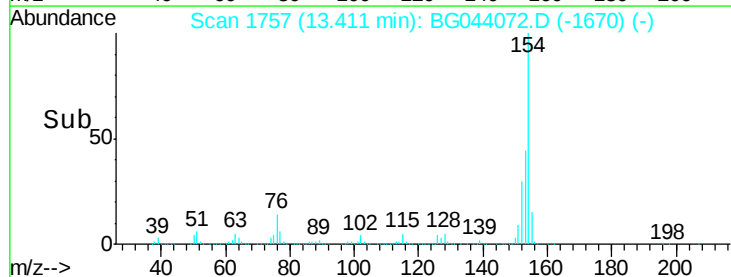
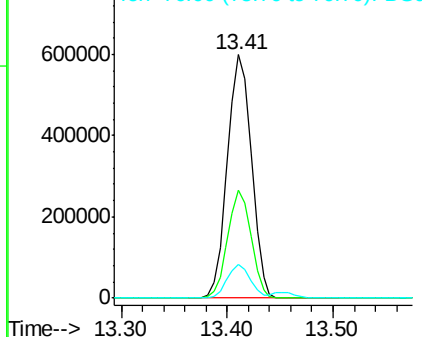


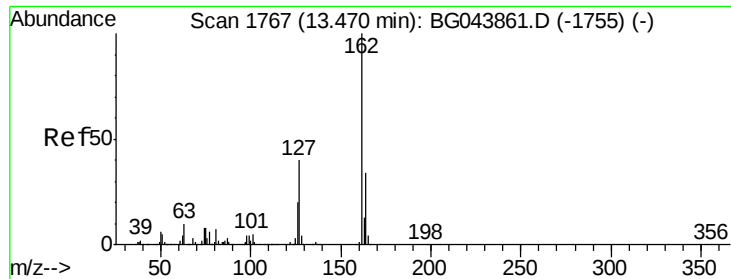
#46
1,1'-Biphenyl
Concen: 45.754 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	23.6	63.6
76	14.0	0.0	34.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC





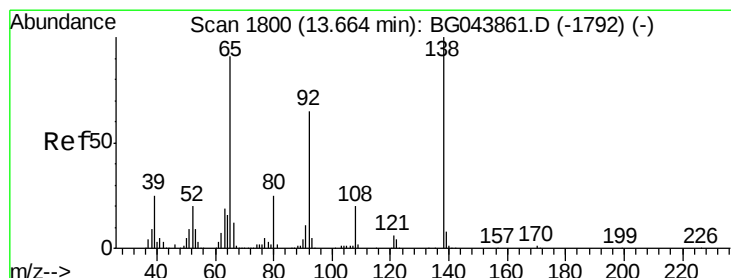
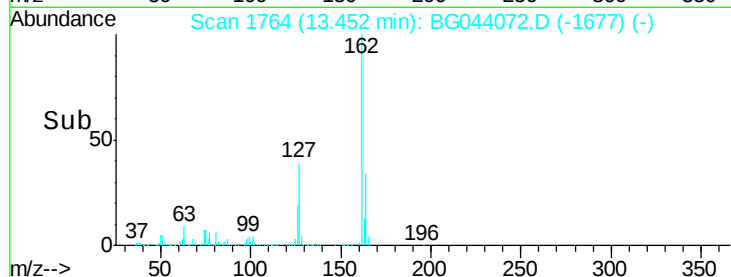
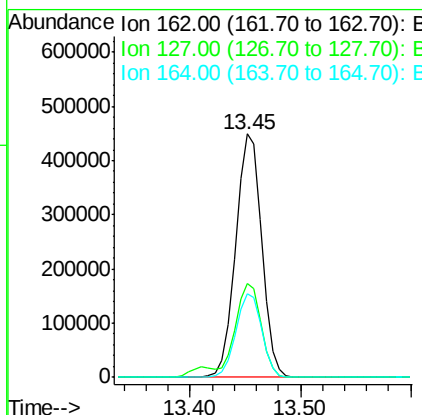
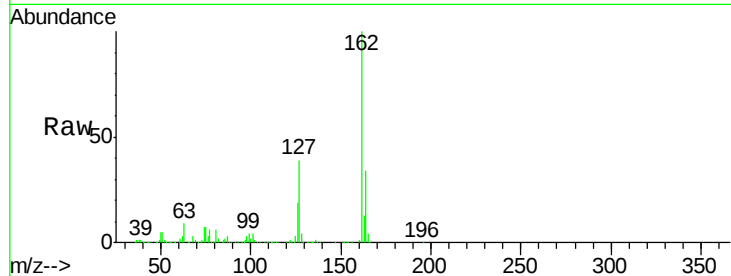
#47
2-Chloronaphthalene
Concen: 44.535 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.1	48.1
164	34.3	27.5	41.3

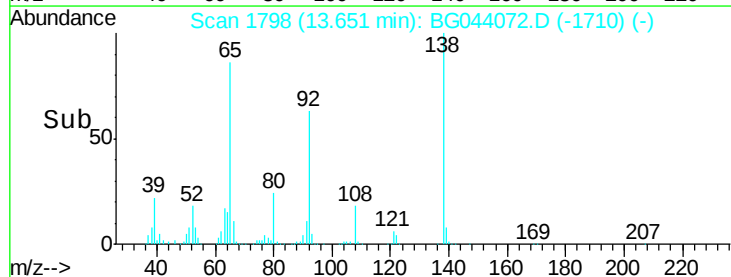
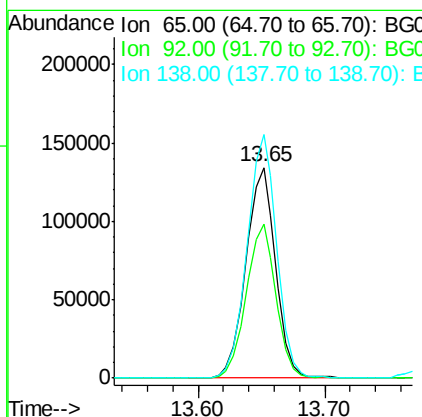
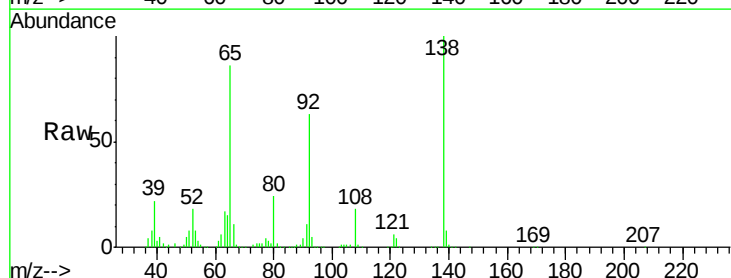
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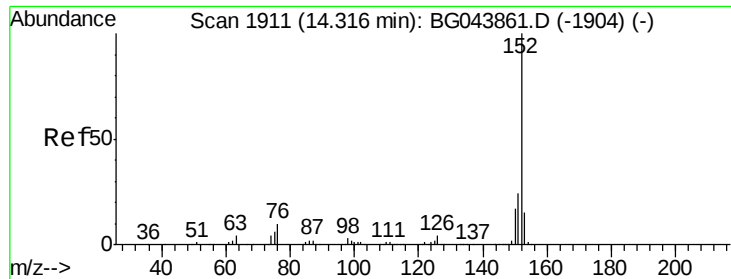
mohammad
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#48
2-Nitroaniline
Concen: 40.812 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.4	86.2
138	115.7	88.2	132.4





#49

Acenaphthylene

Concen: 48.816 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MSD

Tot Ion:152 Resp: 1168066

Ion Ratio Lower Upper

152 100

151 23.6 19.4 29.2

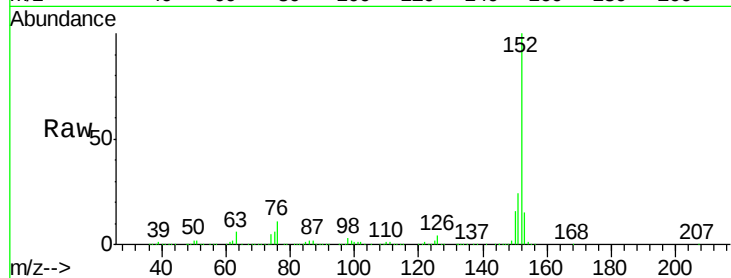
153 14.9 12.0 18.0

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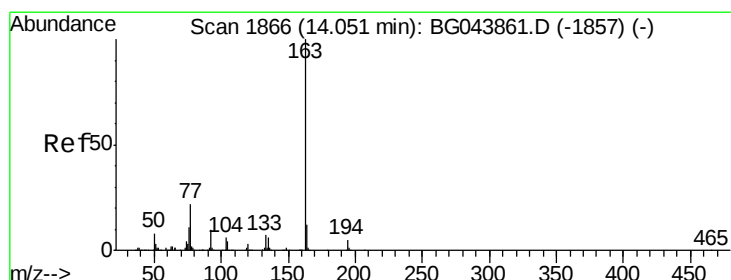
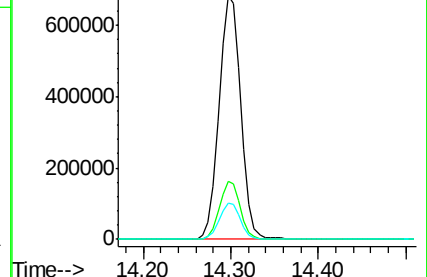
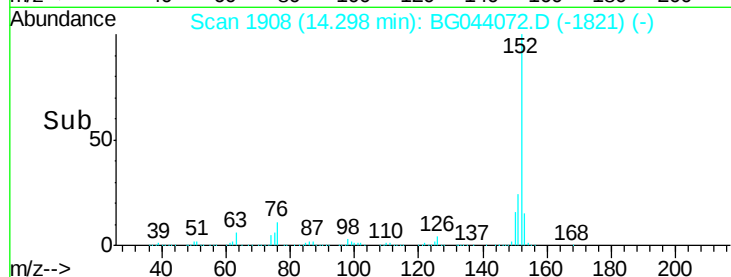


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.30



#50

Dimethylphthalate

Concen: 49.049 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

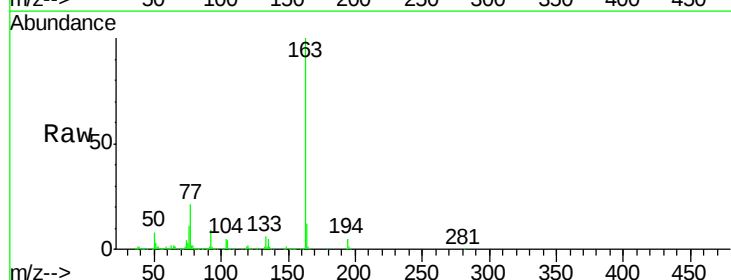
Tgt Ion:163 Resp: 1000728

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

164 11.5 9.3 13.9

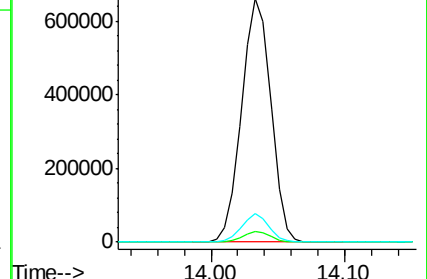
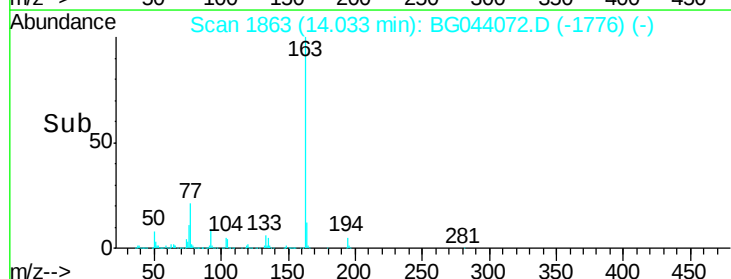


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.03





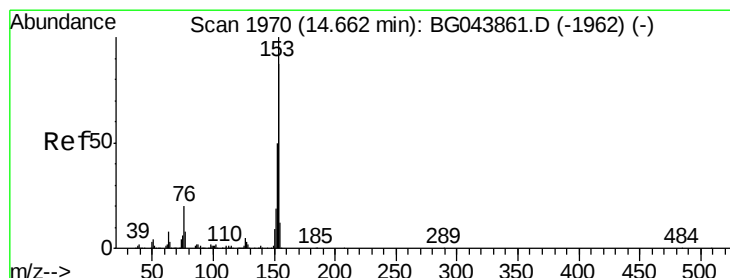
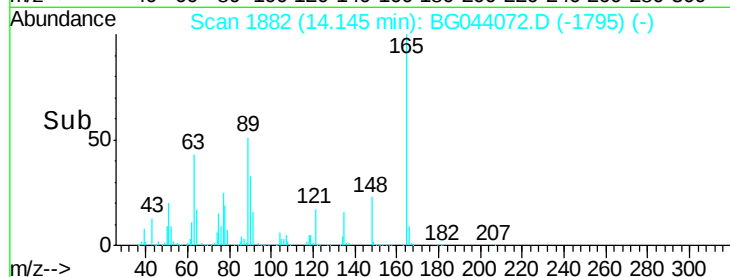
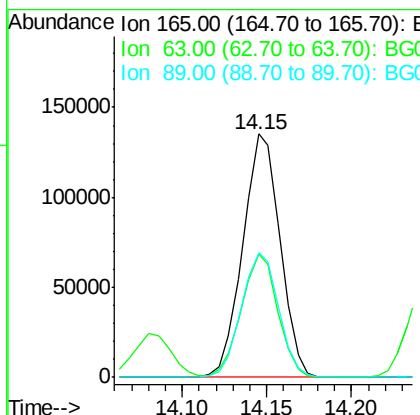
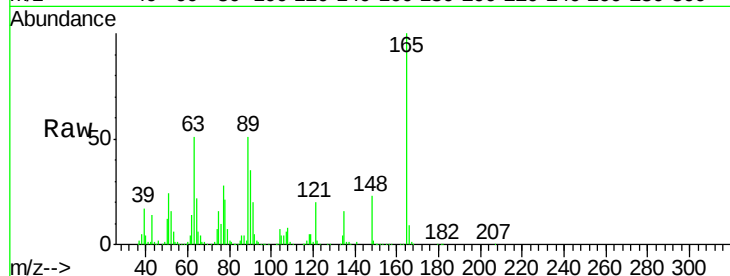
#51
2,6-Dinitrotoluene
Concen: 45.149 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	208205		
63	50.7		43.1	64.7
89	51.2		43.8	65.6

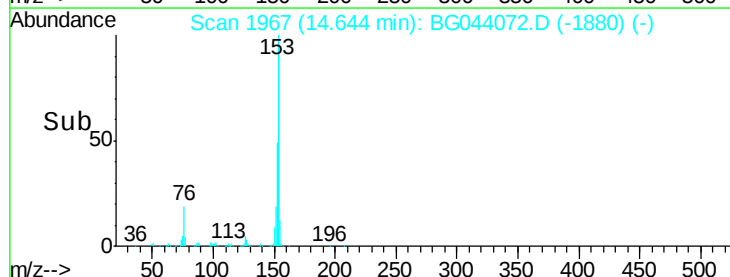
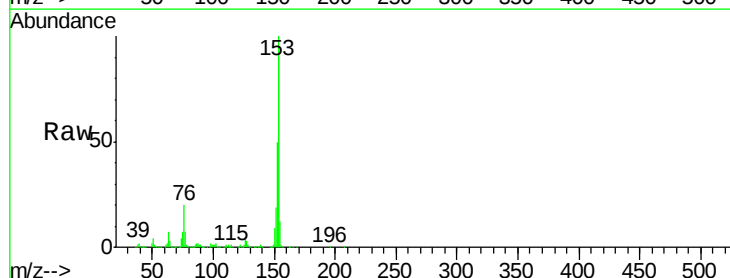
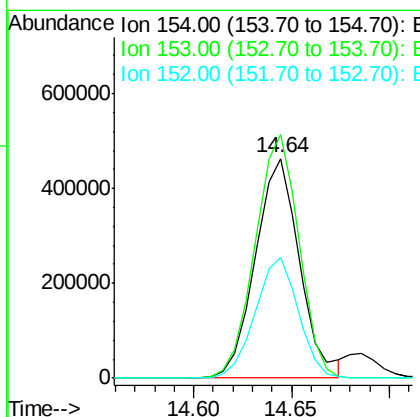
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#52
Acenaphthene
Concen: 43.174 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	724476		
153	110.7		91.6	137.4
152	54.9		45.4	68.0





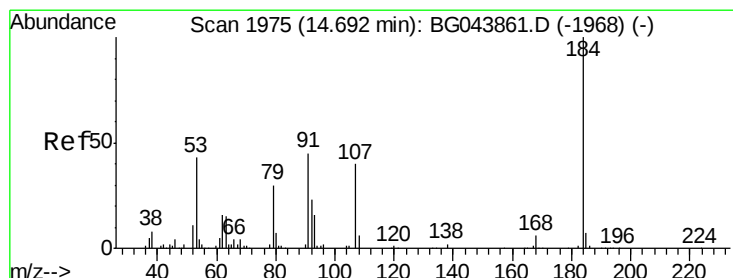
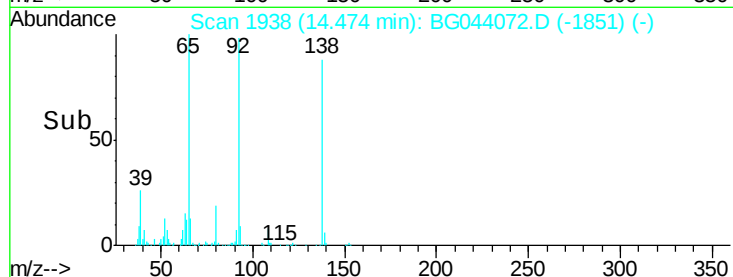
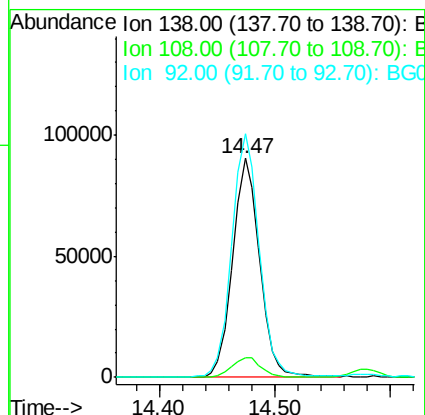
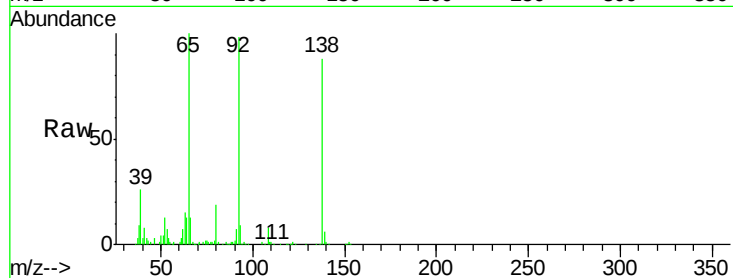
#53
3-Nitroaniline
Concen: 28.129 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.4	11.2
92	111.3	92.1	138.1

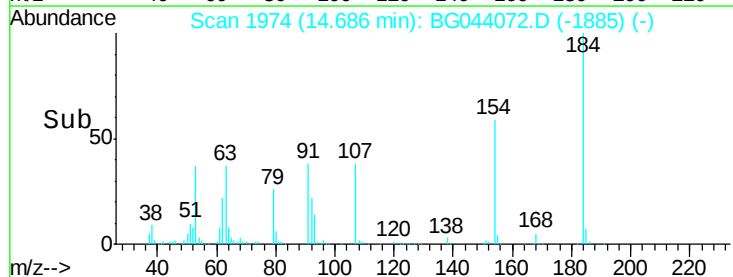
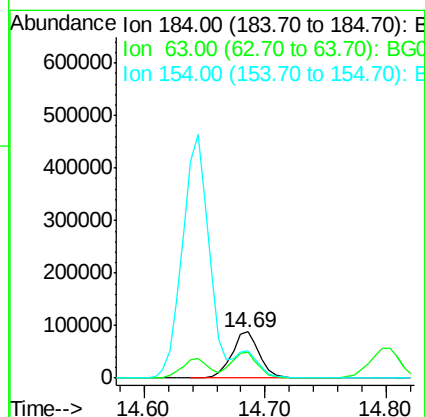
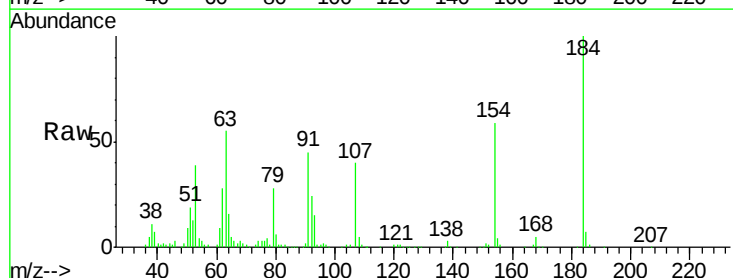
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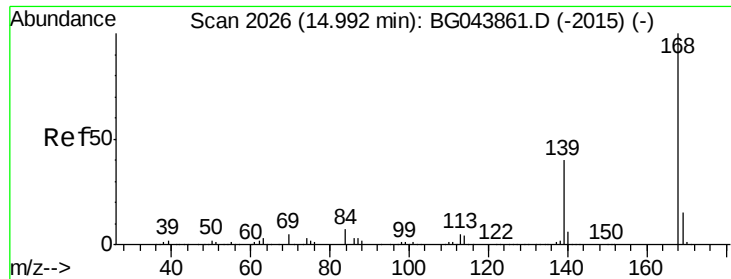
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#54
2,4-Dinitrophenol
Concen: 61.107 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.2	46.6	70.0
154	58.6	50.2	75.4





#55

Dibenzenofuran

Concen: 46.471 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MSD

Tot Ion:168 Resp: 1073491

Ion Ratio Lower Upper

168 100

139 39.0 32.2 48.2

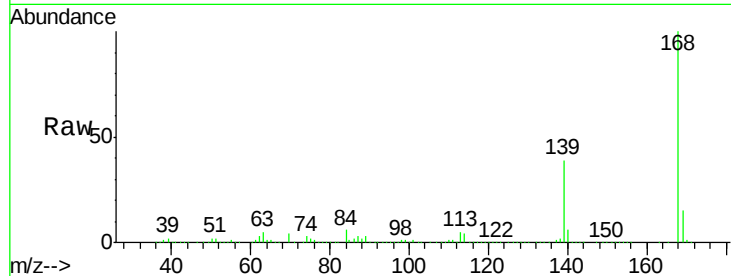
169 14.7 12.2 18.2

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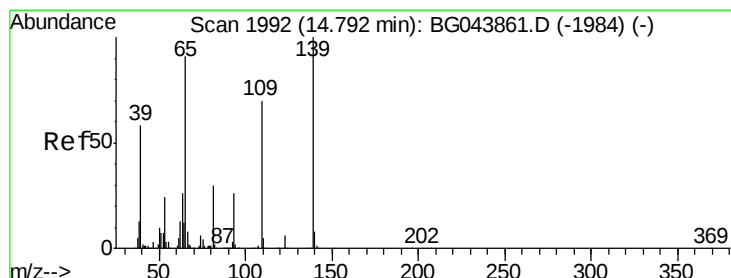
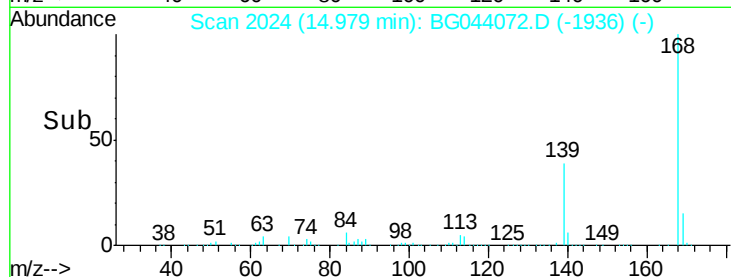
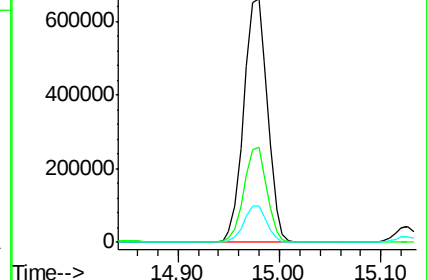
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 99.042 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

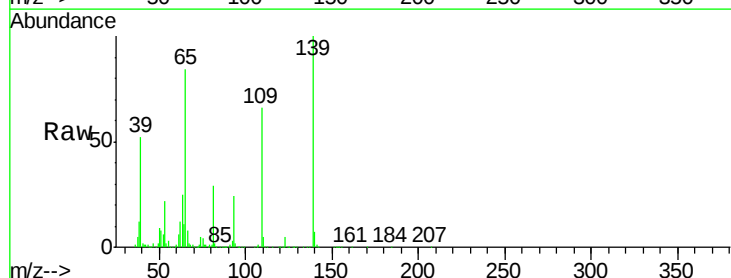
Tgt Ion:139 Resp: 397450

Ion Ratio Lower Upper

139 100

109 66.0 50.4 90.4

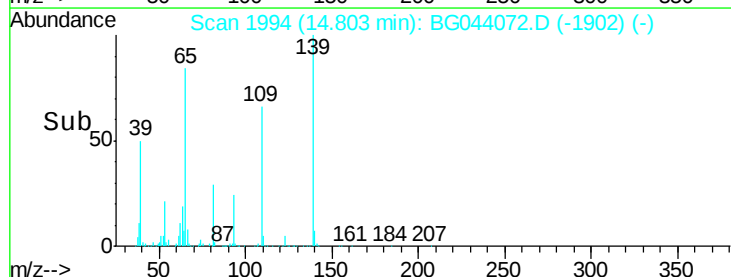
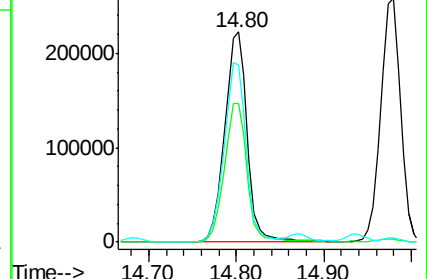
65 84.0 71.4 111.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





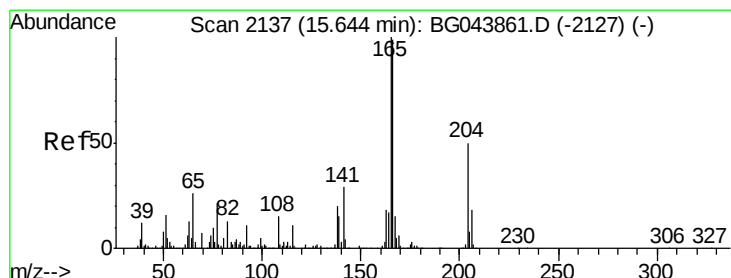
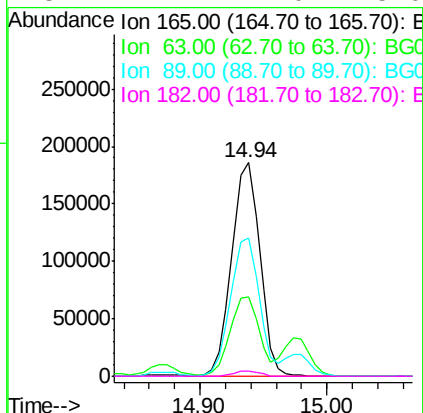
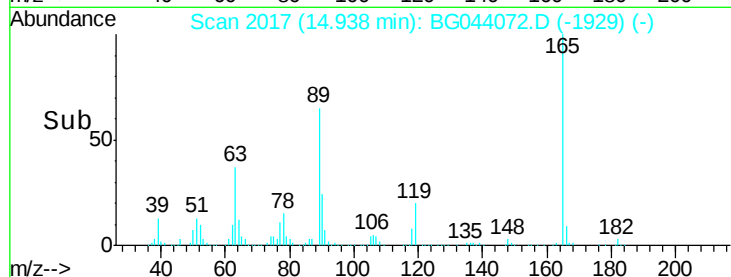
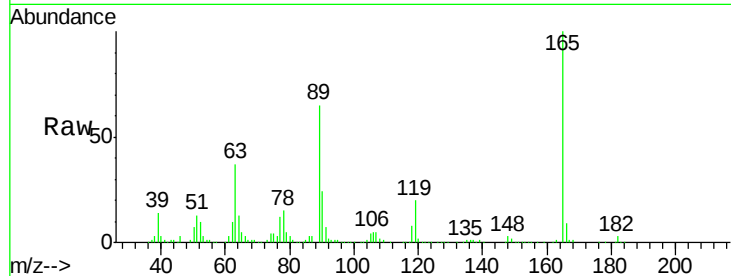
#57
 2,4-Dinitrotoluene
 Concen: 45.587 ng
 RT: 14.94 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	286050		
63	37.1		31.9	47.9
89	64.6		53.8	80.6
182	2.7		2.0	3.0

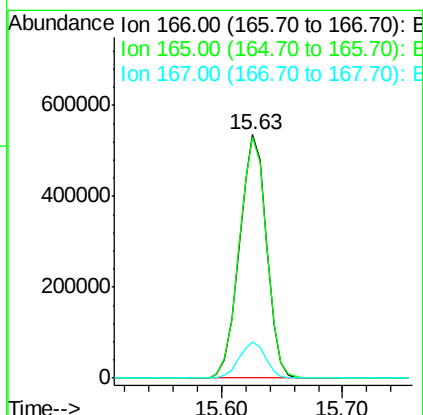
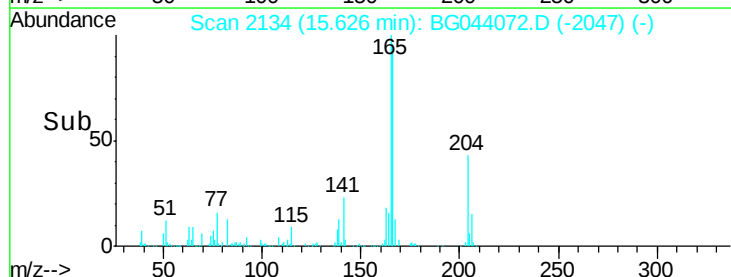
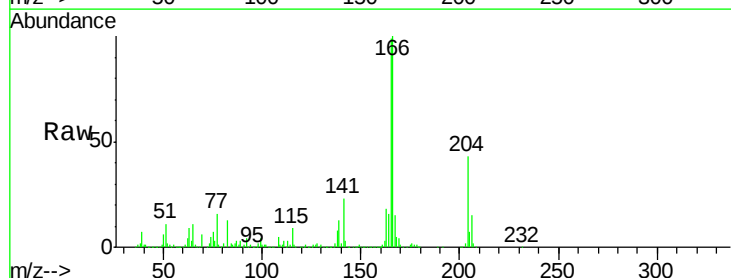
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#58
 Fluorene
 Concen: 45.497 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	833018		
165	99.0		80.8	121.2
167	14.6		12.1	18.1





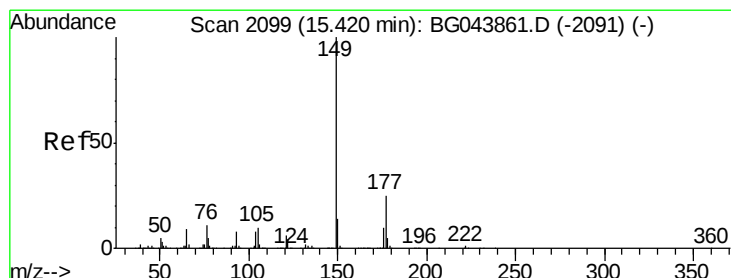
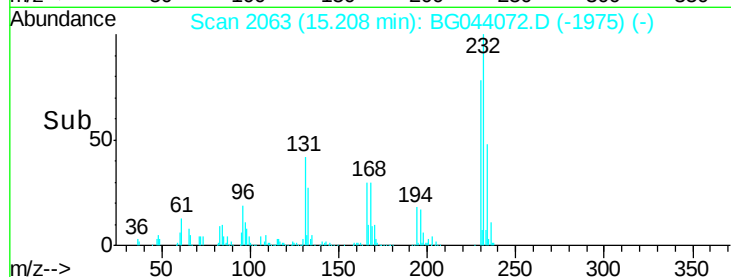
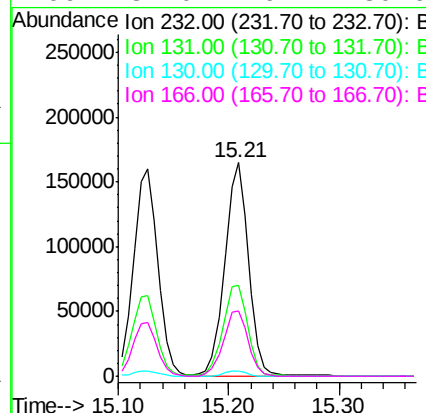
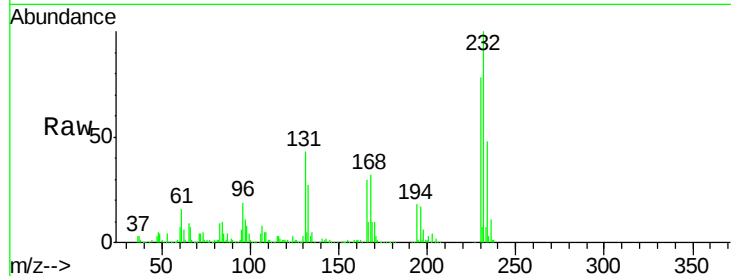
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.600 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		244643		
131	44.6	38.2	57.2		
130	2.6	2.2	3.2		
166	32.0	26.4	39.6		

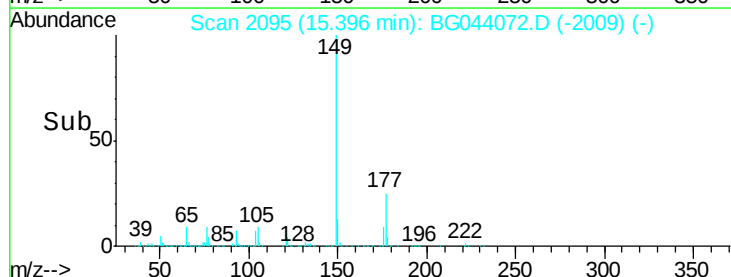
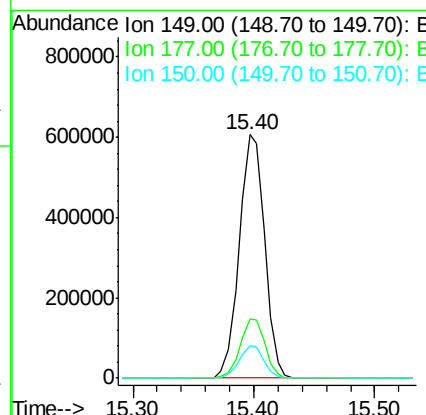
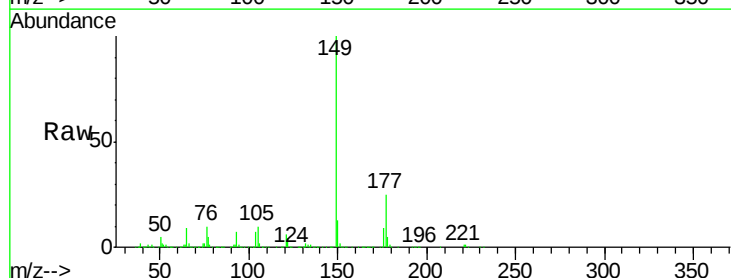
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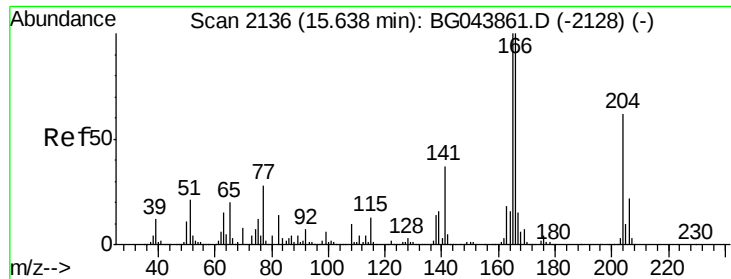
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#60
Diethylphthalate
Concen: 43.417 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		885990		
177	24.5	20.0	30.0		
150	13.4	11.1	16.7		





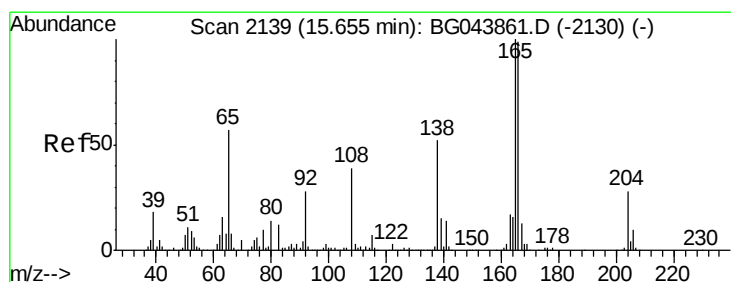
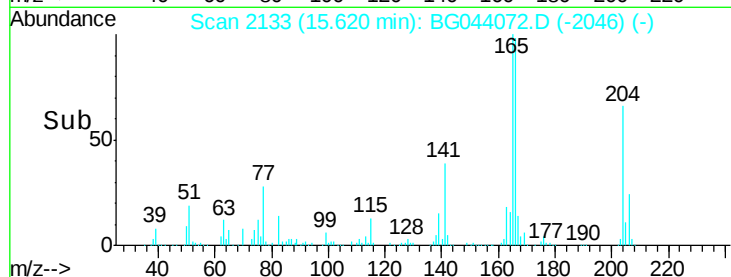
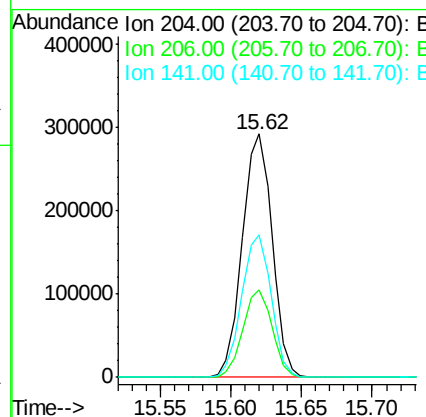
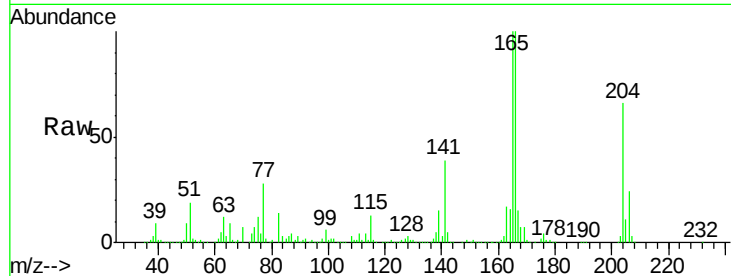
#61
4-Chlorophenyl-phenylether
Concen: 43.411 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.2	42.2
141	58.7	48.2	72.2

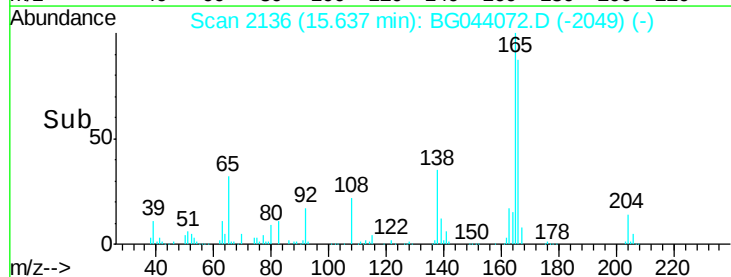
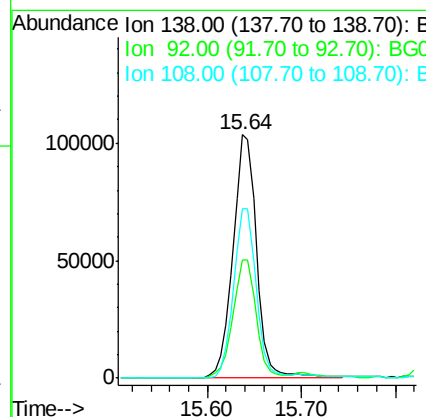
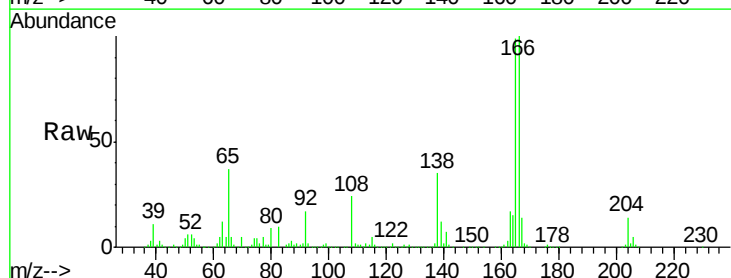
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#62
4-Nitroaniline
Concen: 35.161 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	34.3	74.3
108	69.8	55.0	95.0





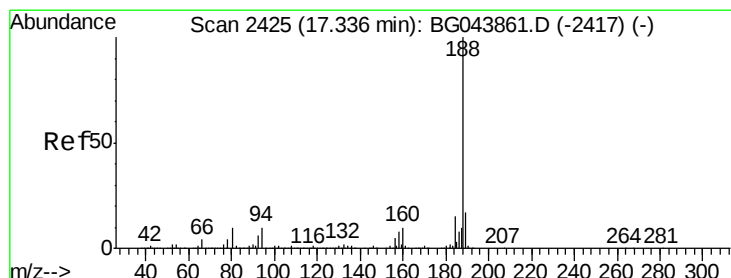
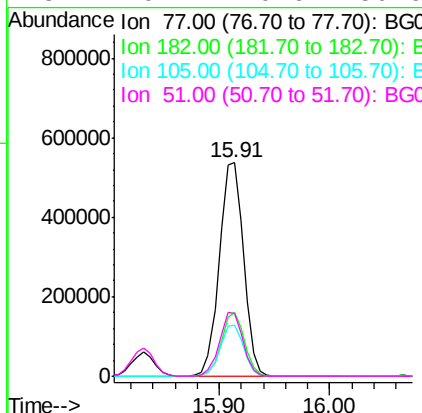
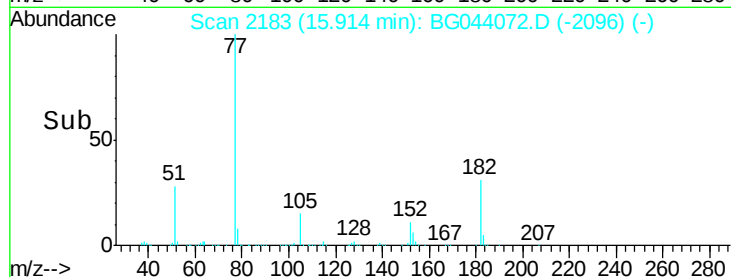
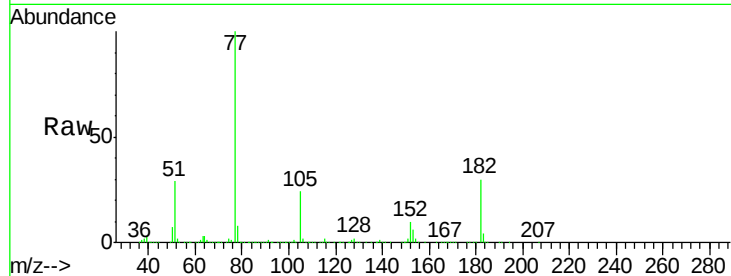
#63
Azobenzene
Concen: 43.323 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.8	7.3	47.3	
105	24.0	3.2	43.2	
51	29.4	10.6	50.6	

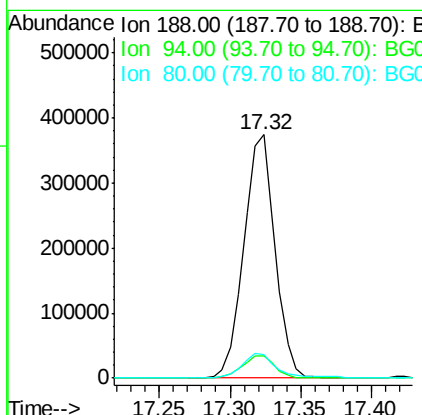
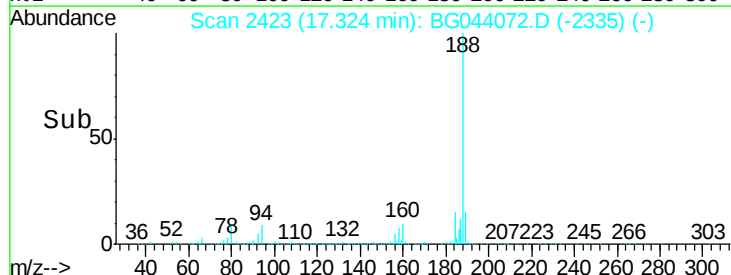
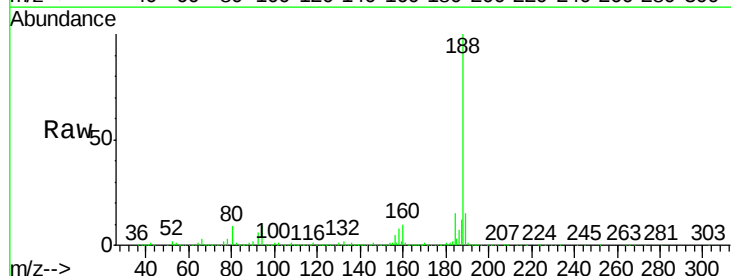
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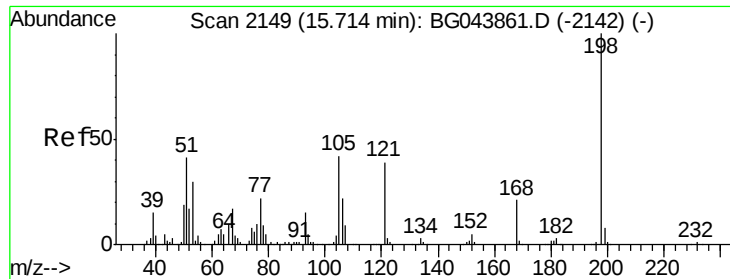
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.9	11.9	
80	9.5	8.2	12.4	





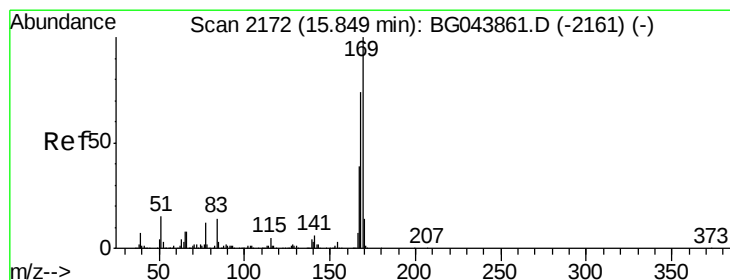
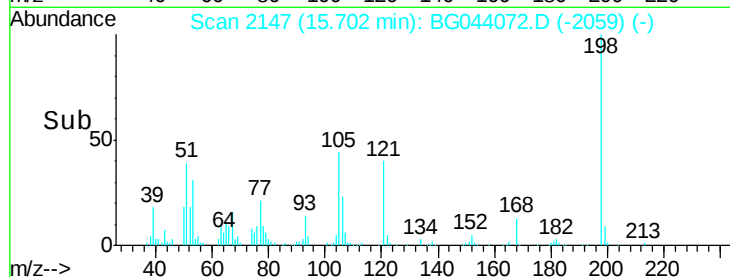
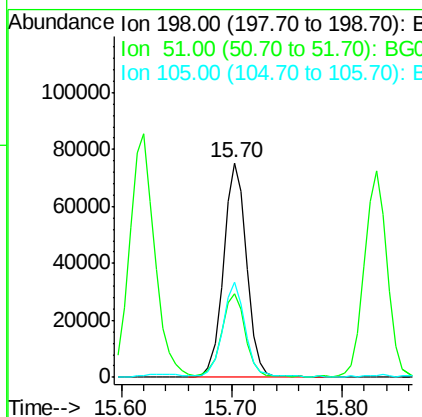
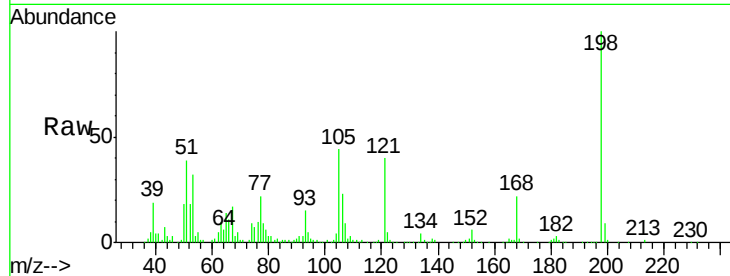
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.165 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.9	22.5	62.5
105	44.0	22.3	62.3

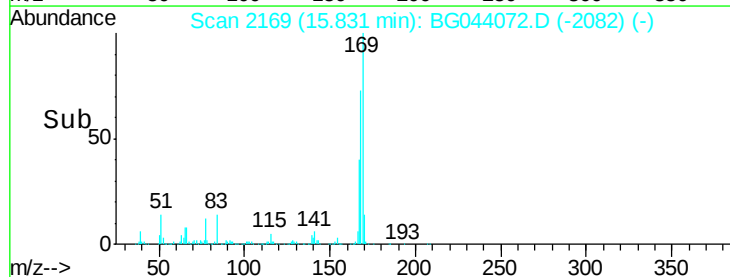
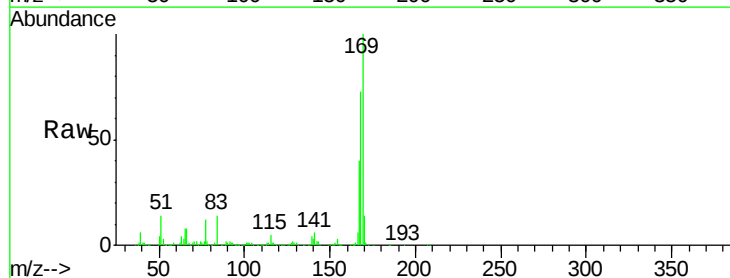
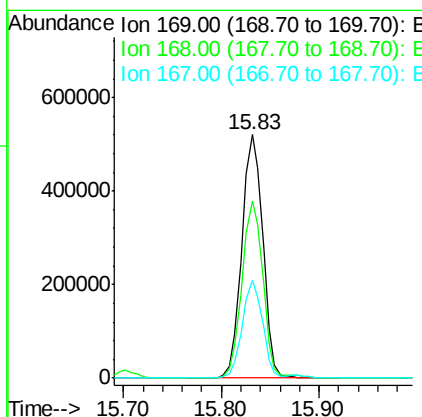
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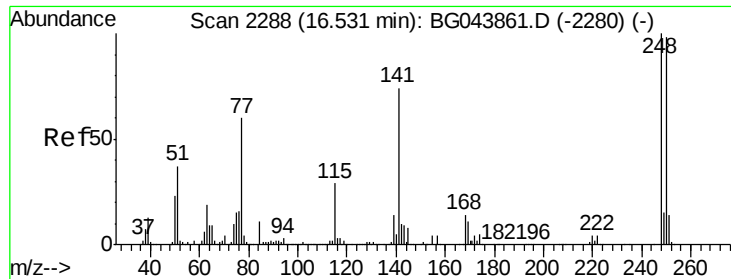
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#66
 n-Nitrosodiphenylamine
 Concen: 45.979 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.8	59.0	88.6
167	40.2	31.4	47.0





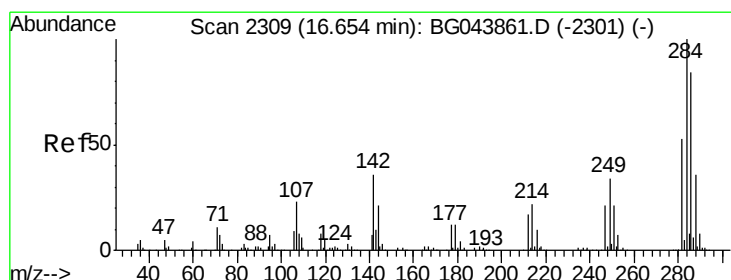
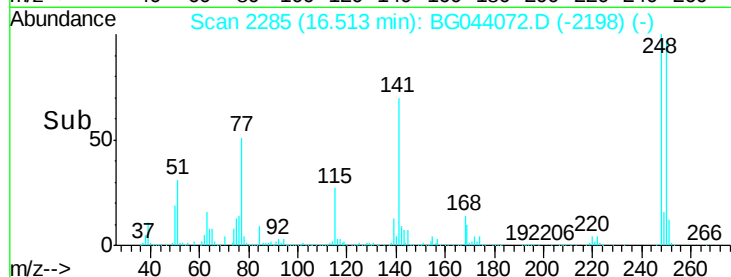
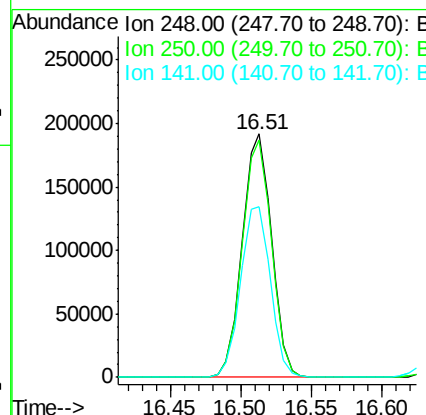
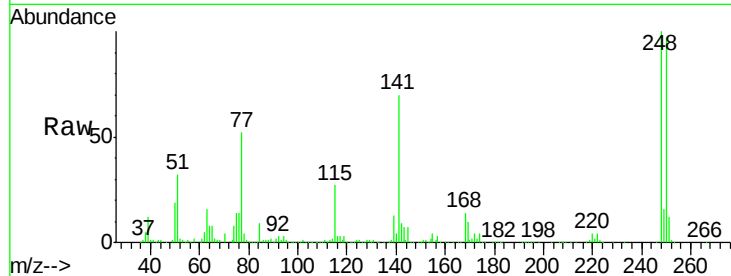
#67
4-Bromophenyl-phenylether
Concen: 42.989 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.2	117.2
141	69.9	59.3	88.9

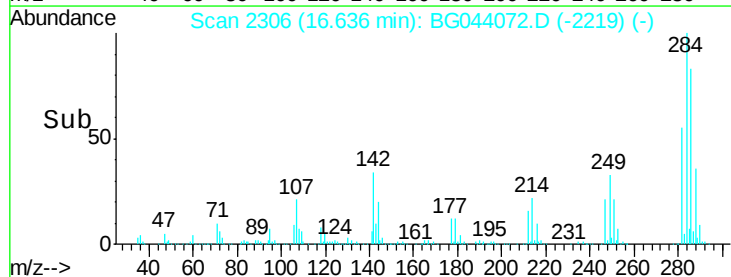
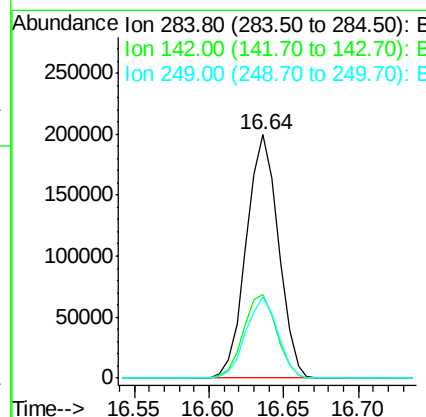
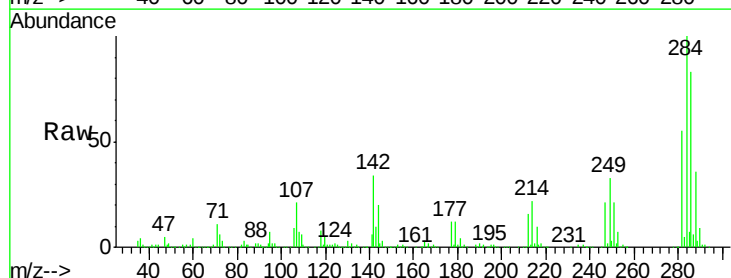
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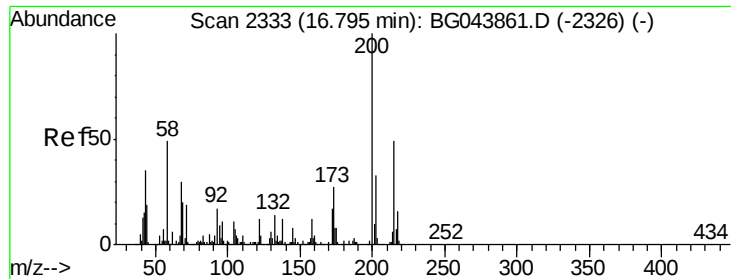
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#68
Hexachlorobenzene
Concen: 42.500 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.6	43.0
249	33.5	27.0	40.6





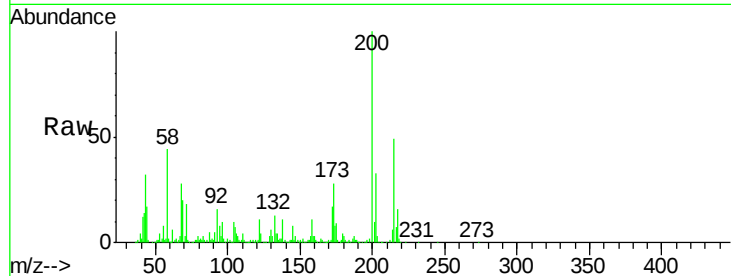
#69
Atrazine
Concen: 52.361 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampled :
BW-1-3.0MSD

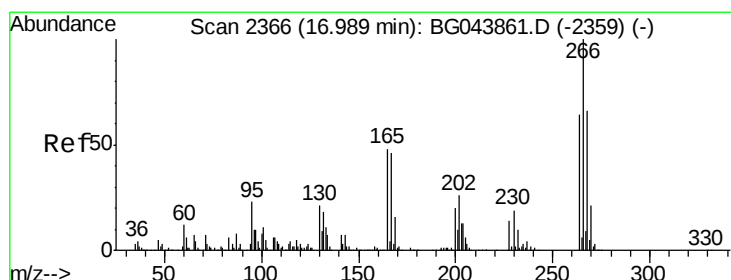
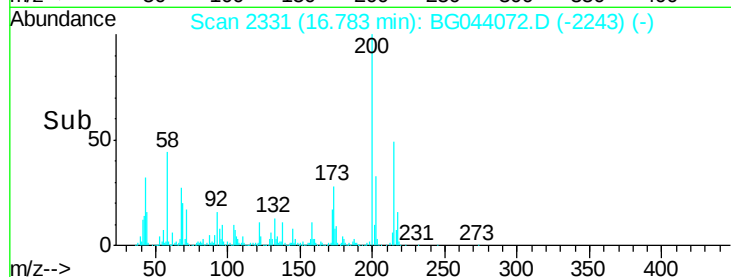
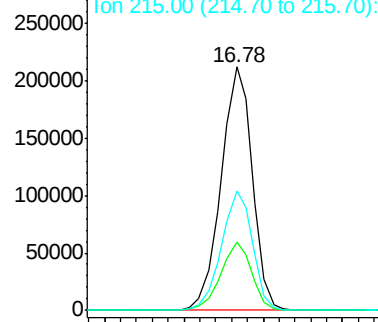
Tot Ion	Ratio	Resp	Lower	Upper
200	100	288704		
173	28.0	6.6	46.6	
215	49.1	28.6	68.6	

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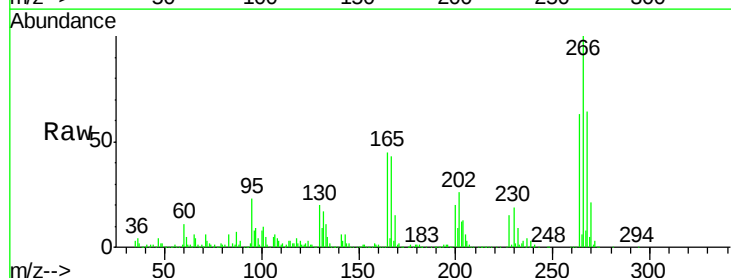


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

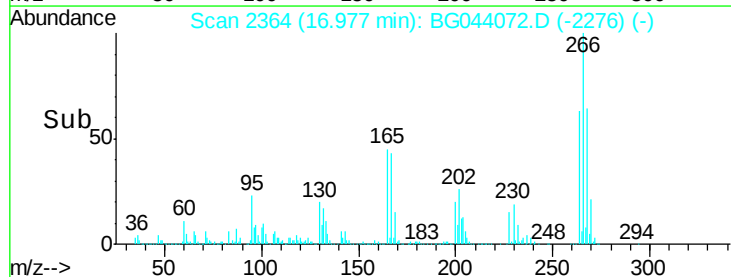
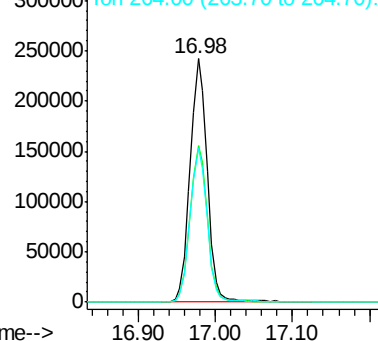


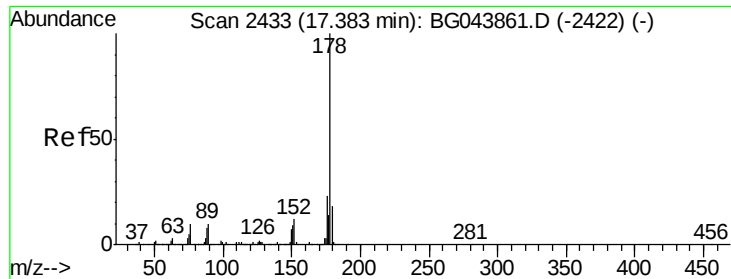
#70
Pentachlorophenol
Concen: 96.869 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	372751		
268	64.3	52.6	79.0	
264	63.2	50.8	76.2	



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





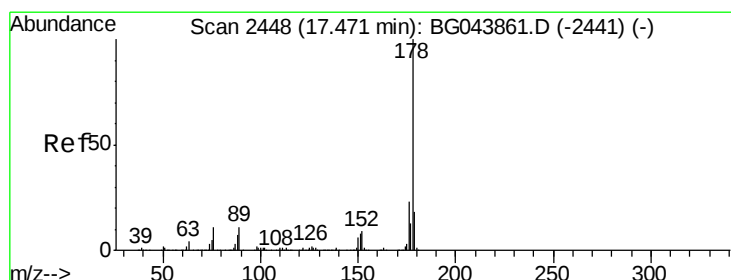
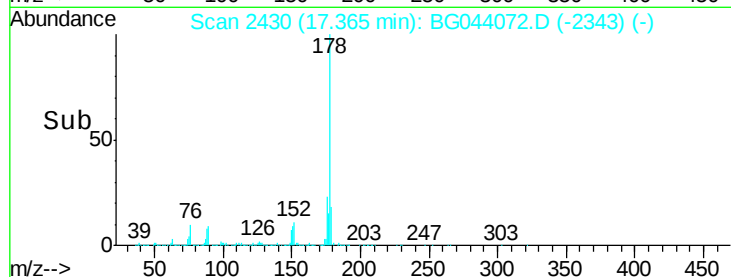
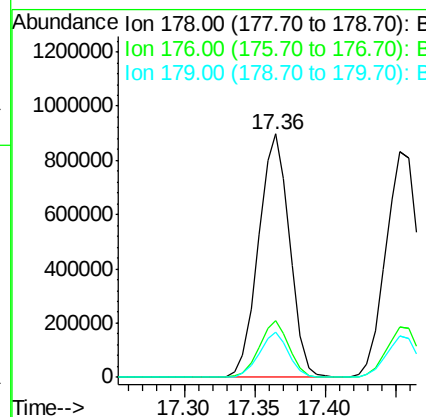
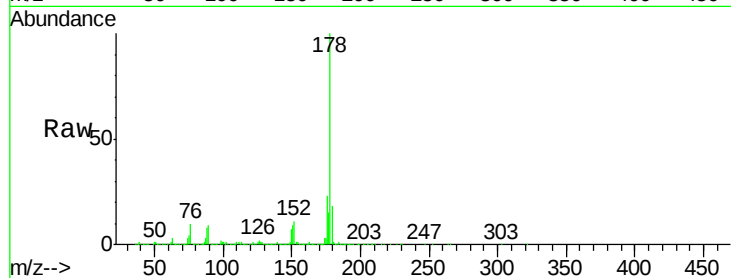
#71
Phenanthrene
Concen: 49.995 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.6	28.0
179	18.3	14.4	21.6

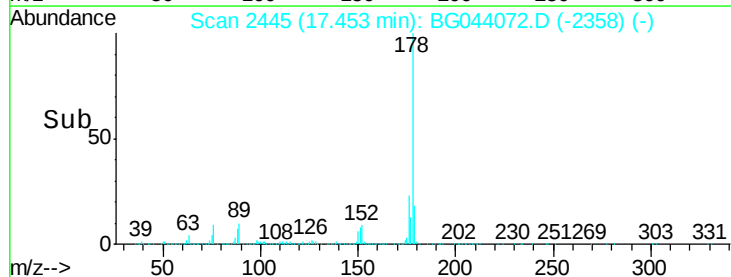
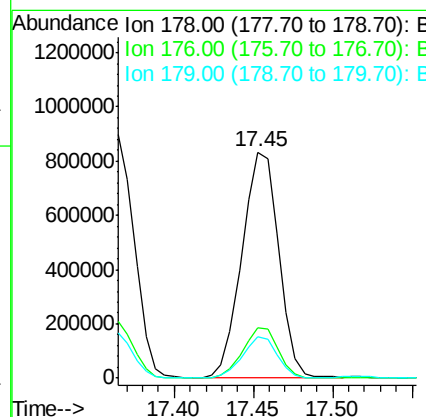
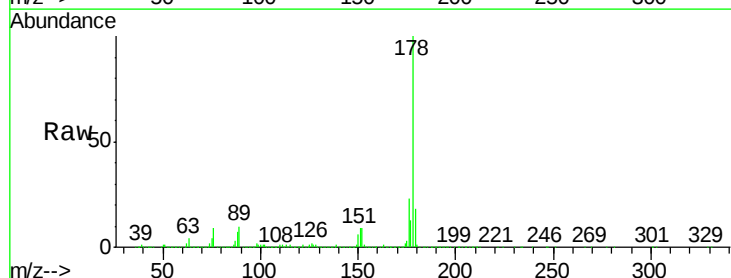
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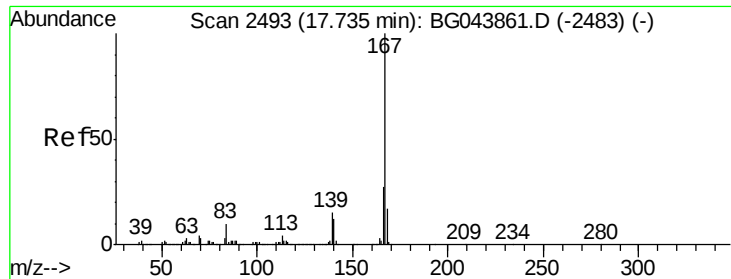
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#72
Anthracene
Concen: 48.836 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.3	27.5
179	18.2	14.6	22.0





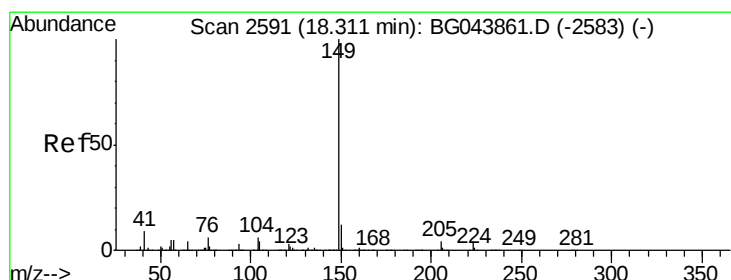
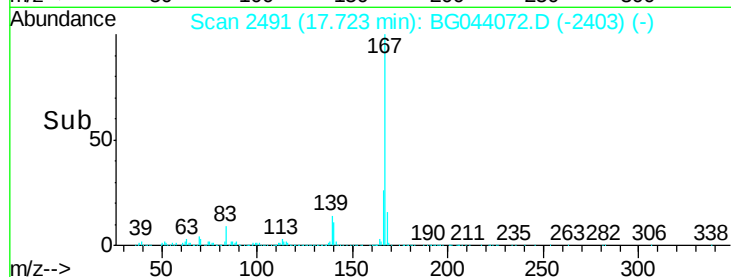
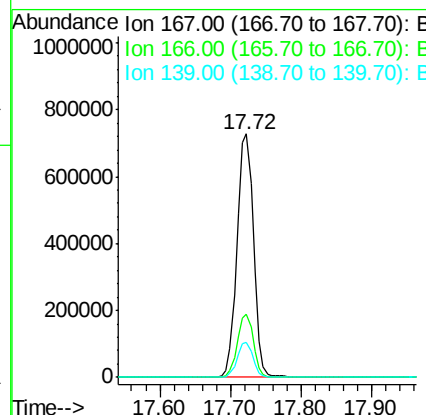
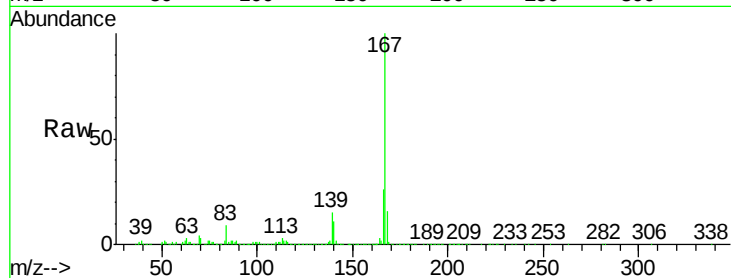
#73
 Carbazole
 Concen: 46.964 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.9	21.6	32.4
139	14.5	12.1	18.1

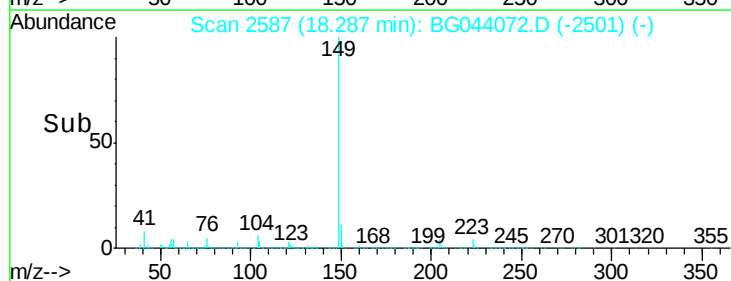
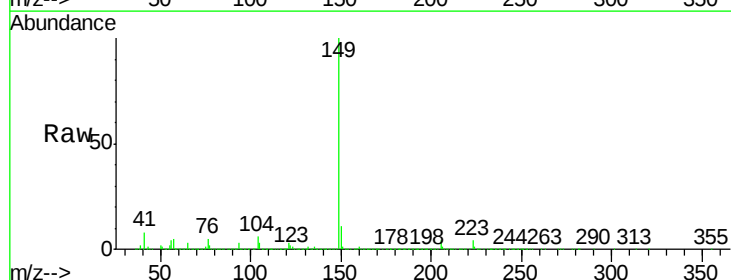
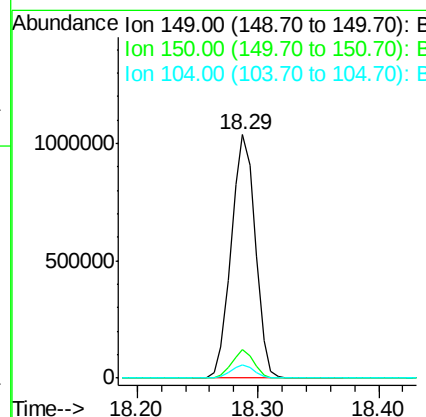
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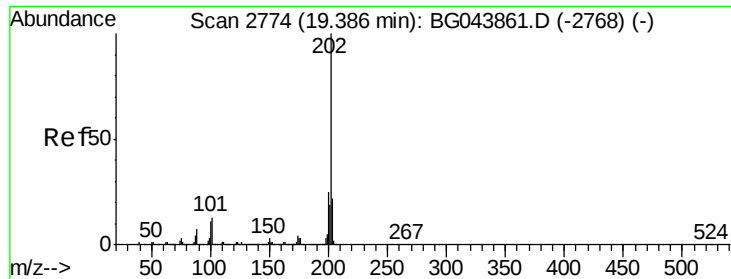
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#74
 Di-n-butylphthalate
 Concen: 44.550 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044072.D
 Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 60.586 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

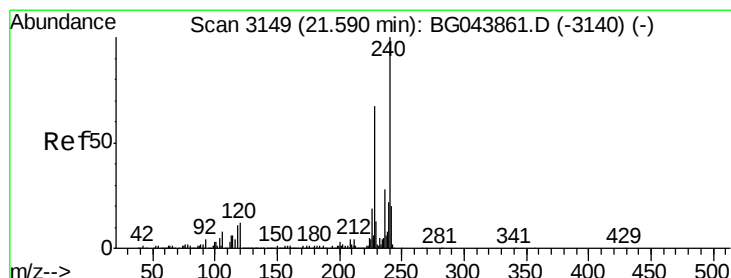
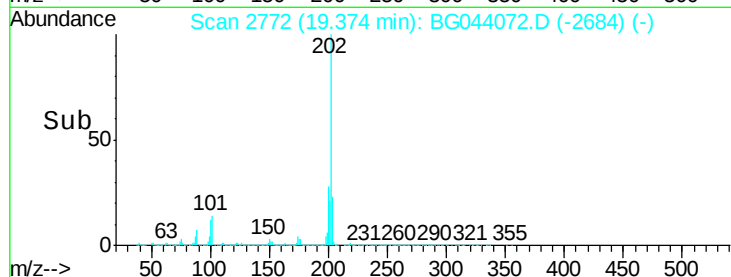
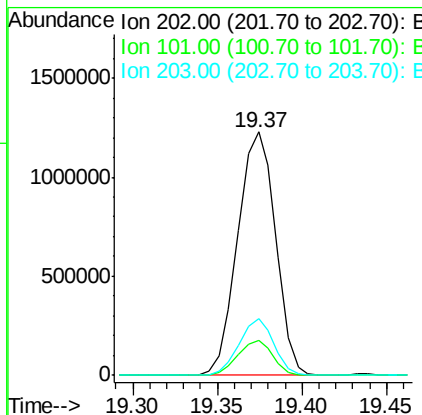
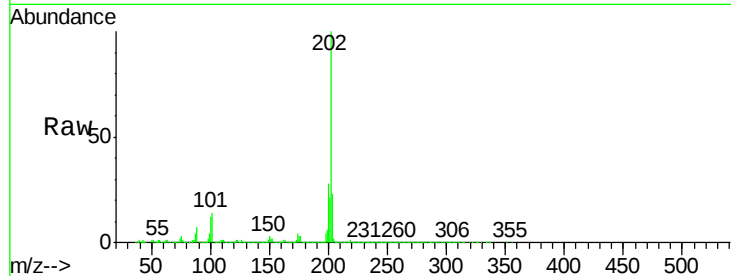
ClientSampleId :

BW-1-3.0MSD

Tot Ion:	202	Resp:	1914283
Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.3
203	23.2	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

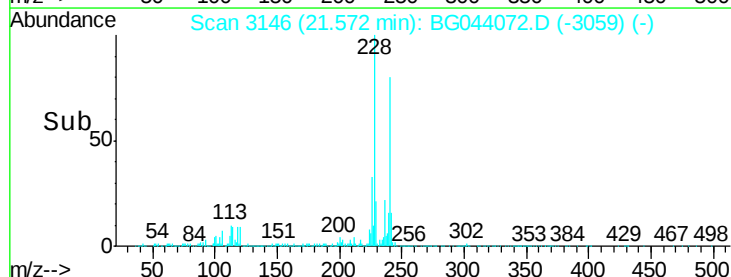
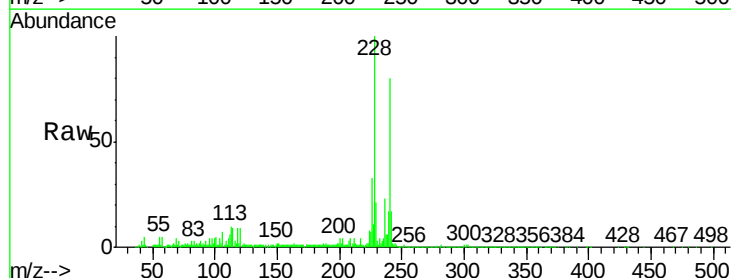
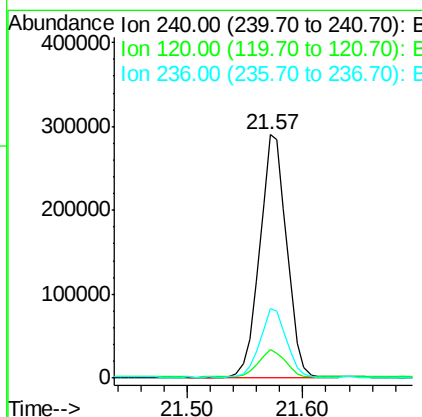
RT: 21.57 min Scan# 3146

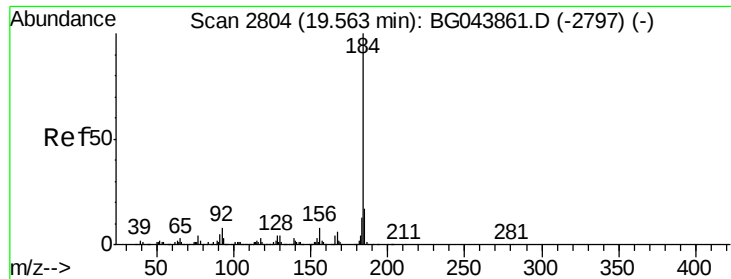
Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion:	240	Resp:	472098
Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.6	14.4
236	28.4	22.2	33.2





#77

Benzidine

Concen: 26.124 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

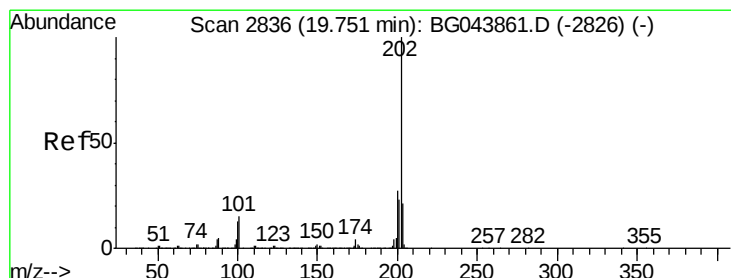
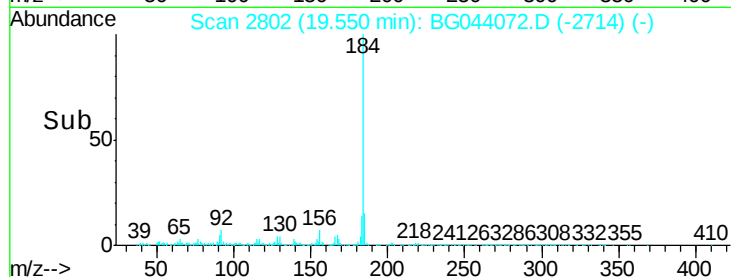
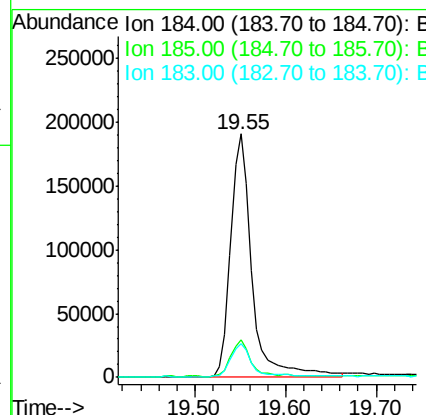
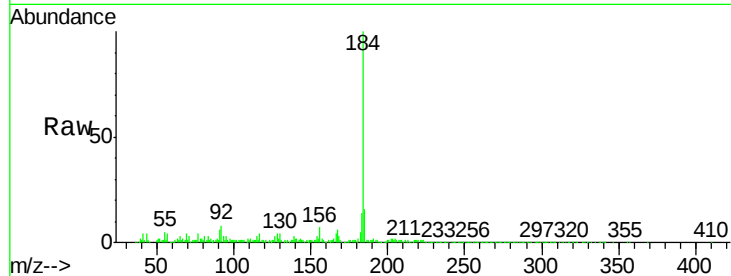
ClientSampleId :

BW-1-3.0MSD

Tot Ion:	184	Resp:	309997
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.4	20.0
183	14.0	10.6	15.8

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#78

Pyrene

Concen: 63.829 ng

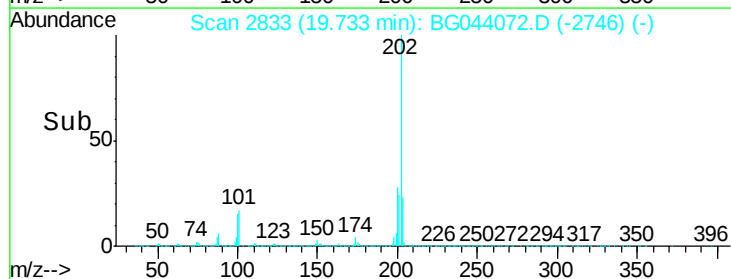
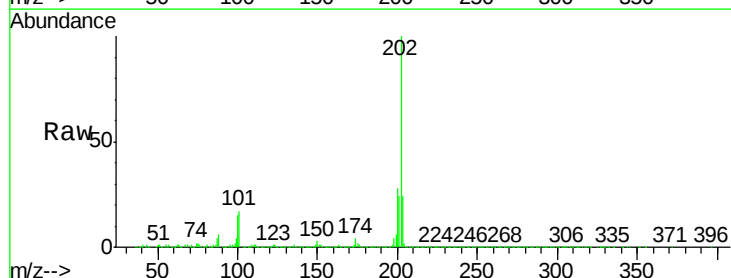
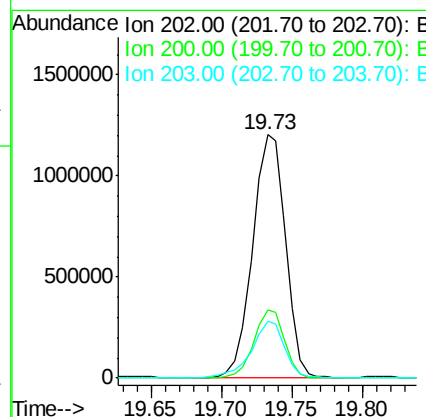
RT: 19.73 min Scan# 2833

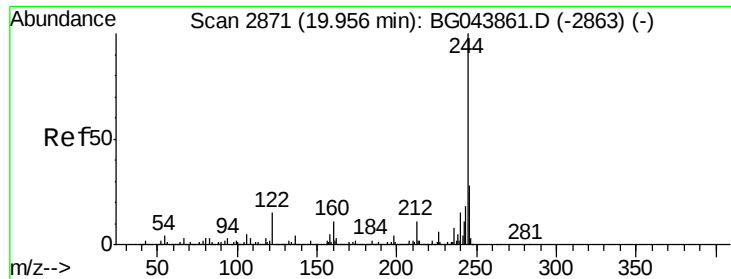
Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion:	202	Resp:	1966937
Ion Ratio	Lower	Upper	
202	100		
200	28.1	21.7	32.5
203	23.5	17.0	25.6





#79

Terphenyl-d14

Concen: 69.335 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MSD

Tot Ion:244 Resp: 1429431

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

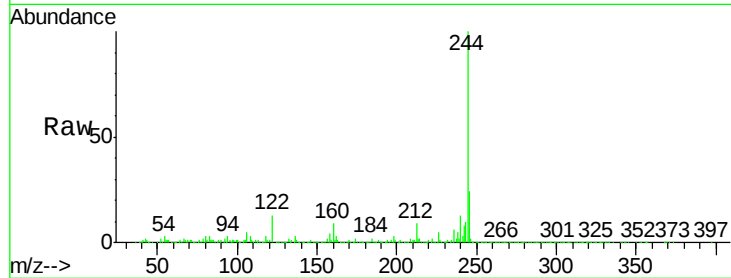
122 12.8 11.9 17.9

Manual Integrations

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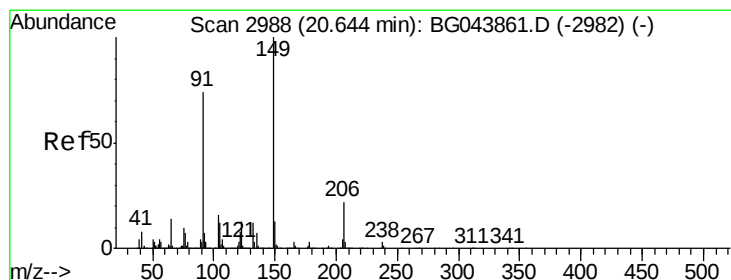
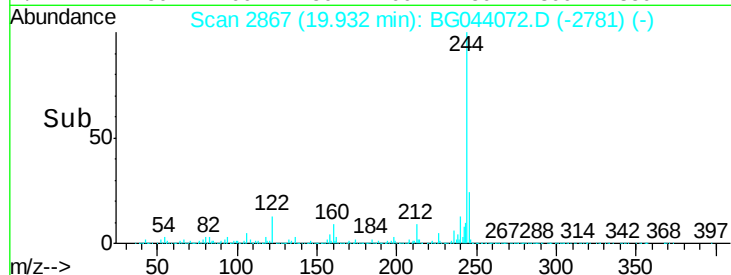
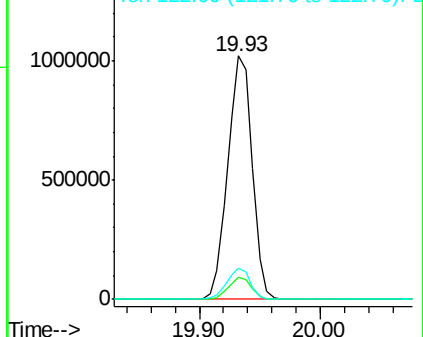
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.879 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

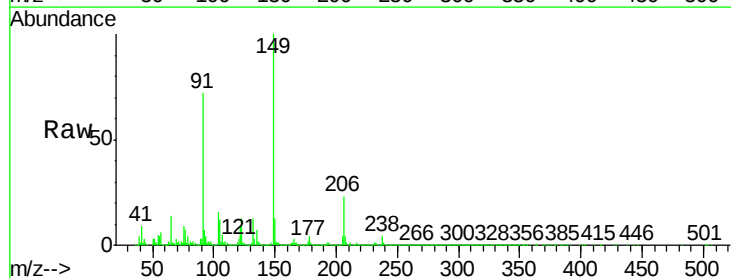
Tgt Ion:149 Resp: 658421

Ion Ratio Lower Upper

149 100

91 71.8 59.5 89.3

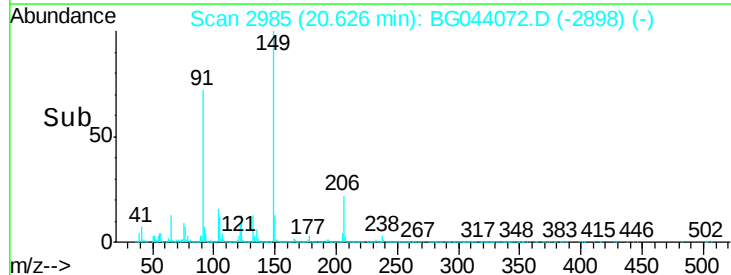
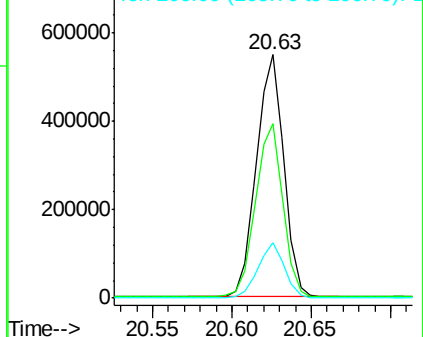
206 22.5 17.8 26.6

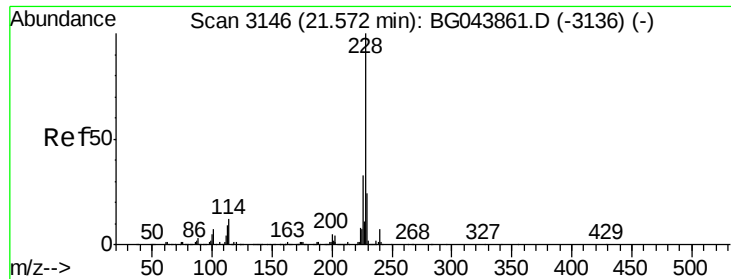


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.663 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

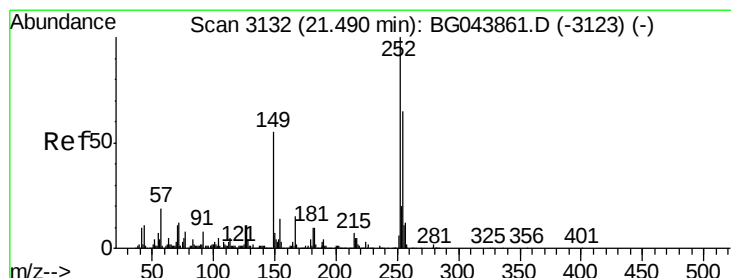
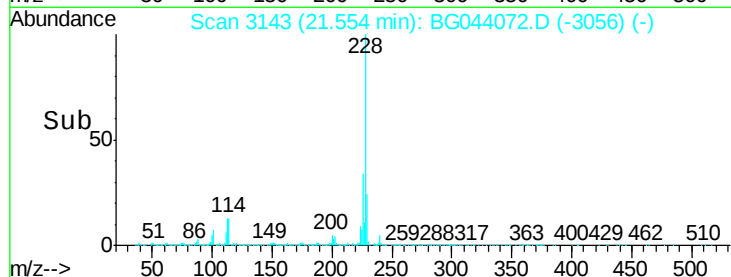
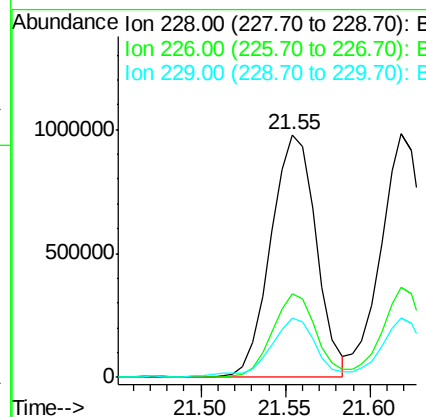
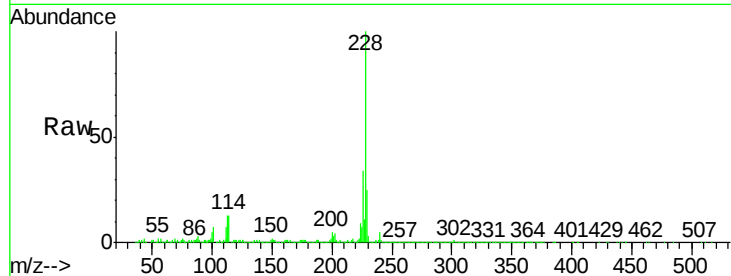
ClientSampleId :

BW-1-3.0MSD

Tot Ion:	228	Resp:	1805074
Ion	Ratio	Lower	Upper
228	100		
226	34.4	26.2	39.4
229	24.5	18.9	28.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 26.705 ng

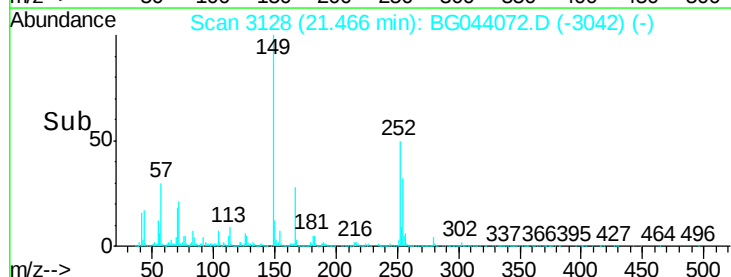
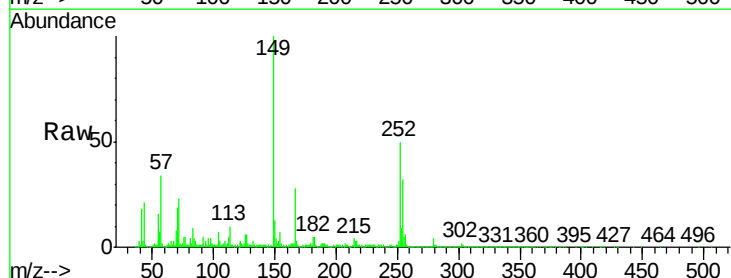
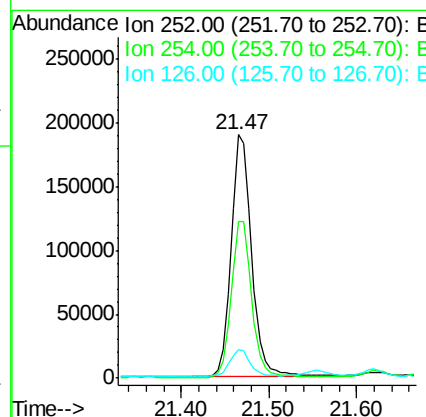
RT: 21.47 min Scan# 3128

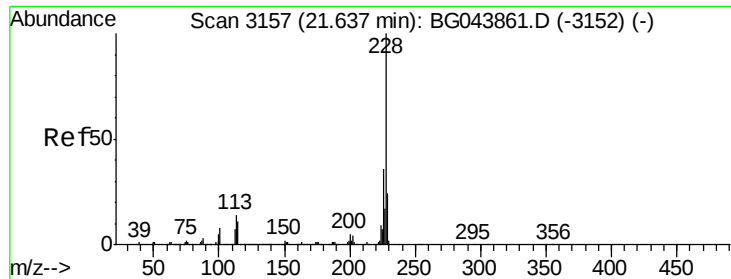
Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Tgt Ion:	252	Resp:	308847
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	11.9	9.1	13.7





#83

Chrysene

Concen: 61.188 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MSD

Tot Ion:228 Resp: 1701976

Ion Ratio Lower Upper

228 100

226 36.8 28.8 43.2

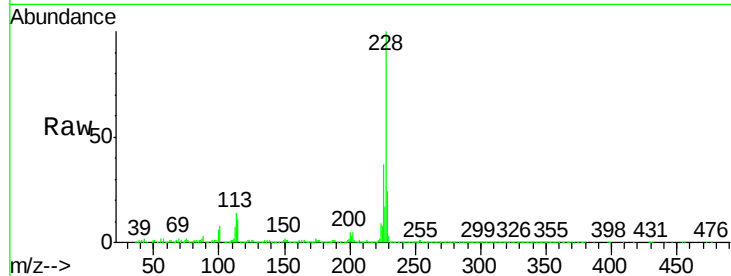
229 24.3 19.0 28.6

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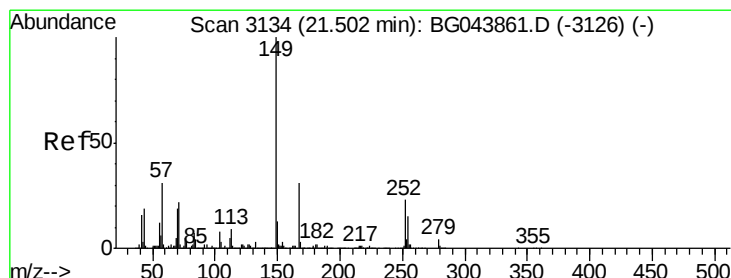
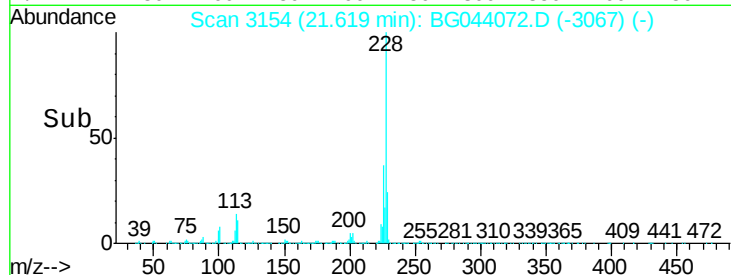
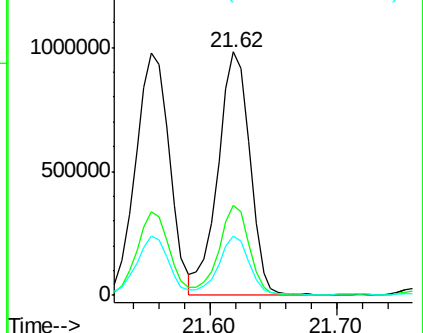
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.932 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

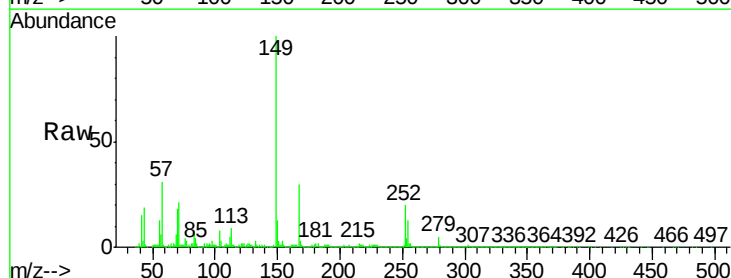
Tgt Ion:149 Resp: 929809

Ion Ratio Lower Upper

149 100

167 29.8 24.7 37.1

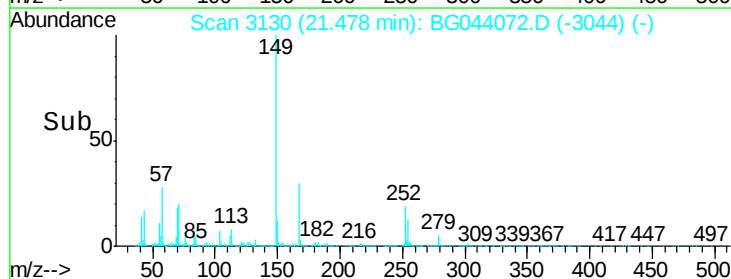
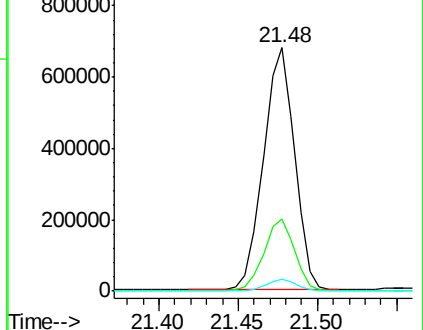
279 4.7 3.3 4.9

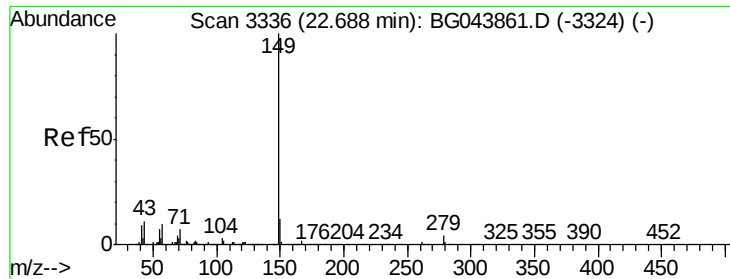


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.186 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.04 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MSD

Tot Ion:149 Resp: 1605826

Ion Ratio Lower Upper

149 100

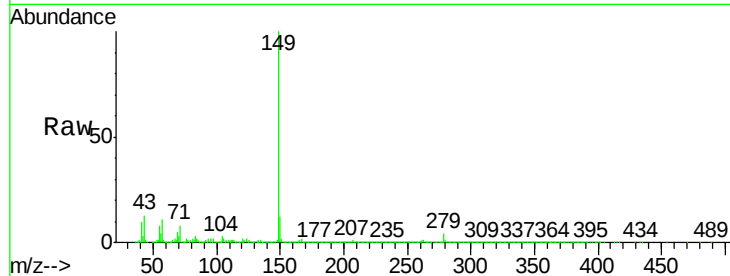
167 1.8 1.4 2.0

43 10.3 8.8 13.2

Manual Integrations
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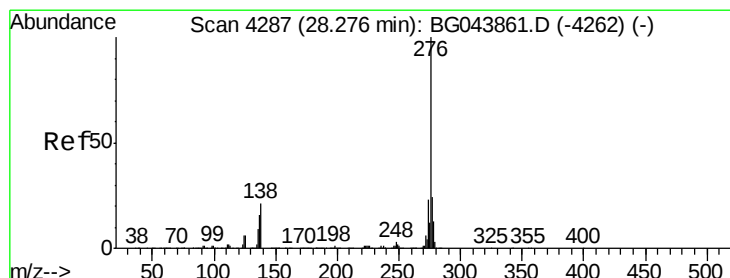
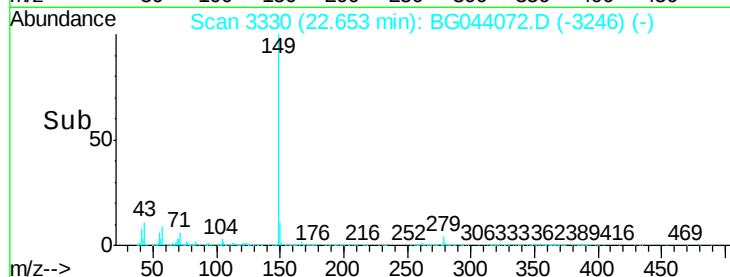
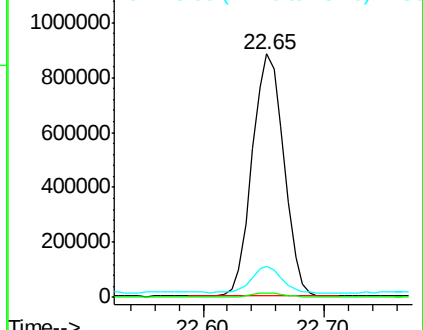
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.003 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.02 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

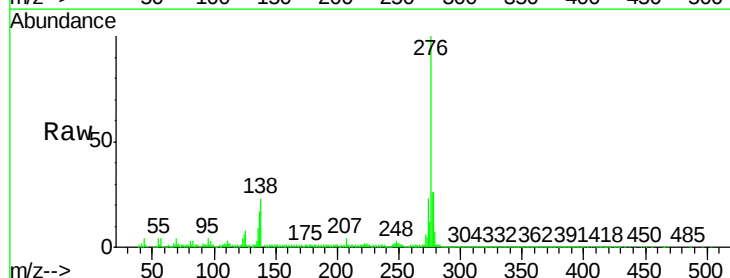
Tgt Ion:276 Resp: 1927990

Ion Ratio Lower Upper

276 100

138 12.1 21.0 31.4#

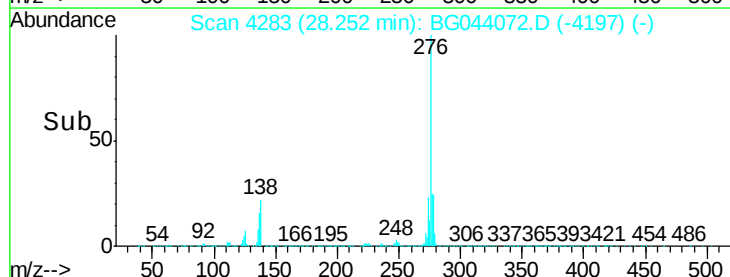
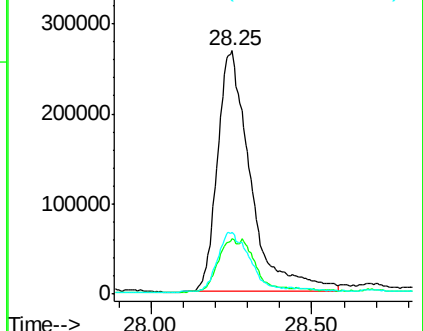
277 23.5 21.1 31.7

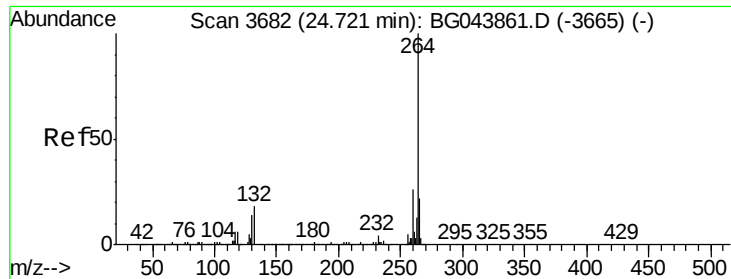


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





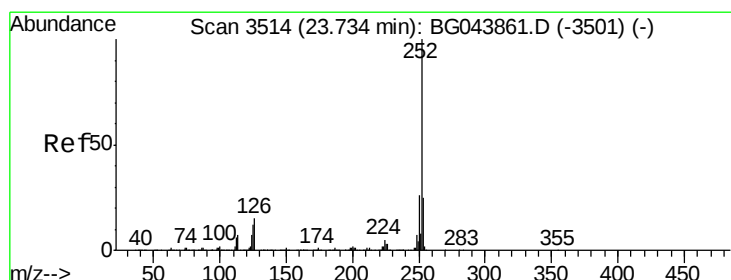
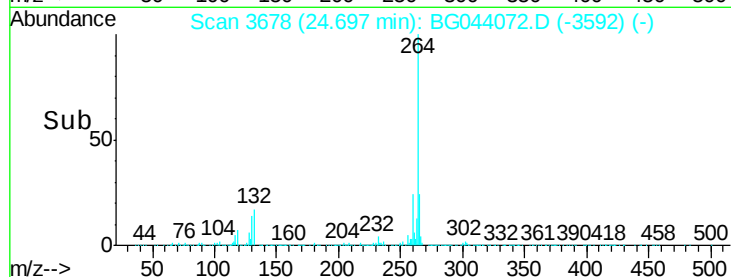
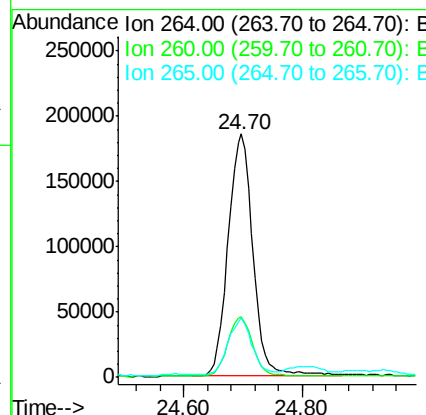
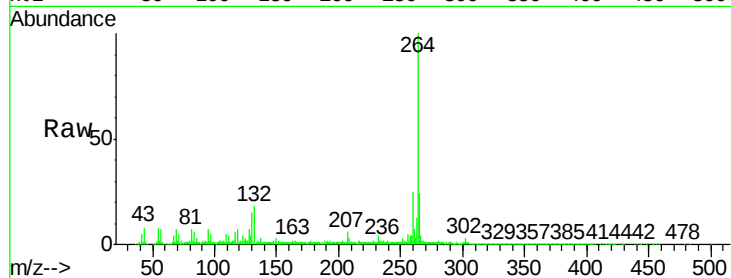
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	24.1	17.4	26.2

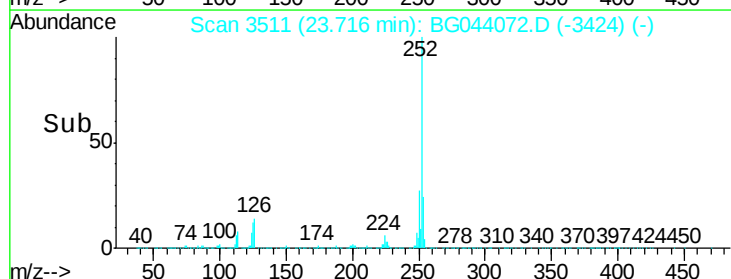
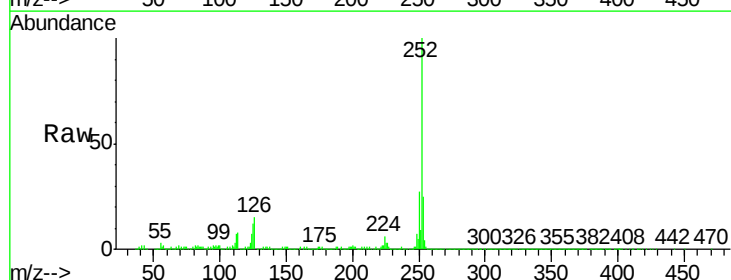
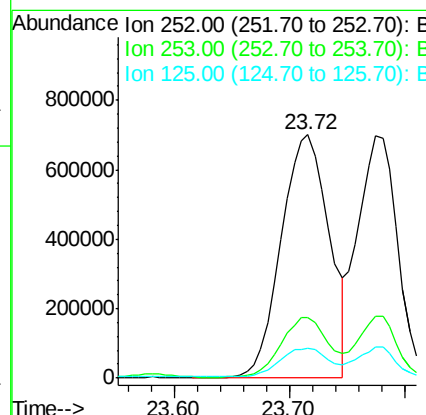
Manual Integrations
APPROVED

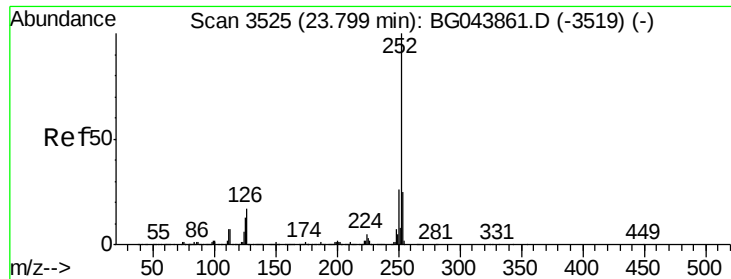
mohammad
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#88
Benzo(b)fluoranthene
Concen: 62.198 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.7	29.5
125	12.4	9.4	14.2





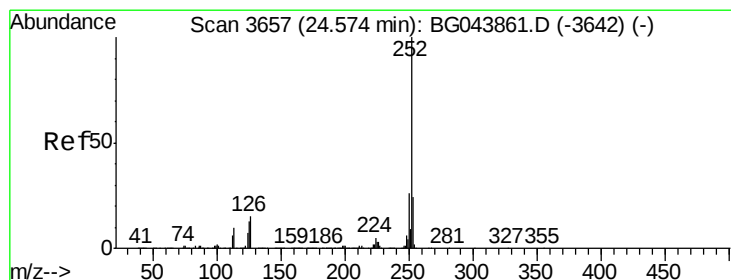
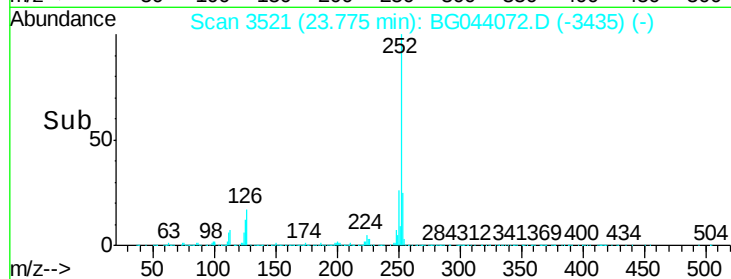
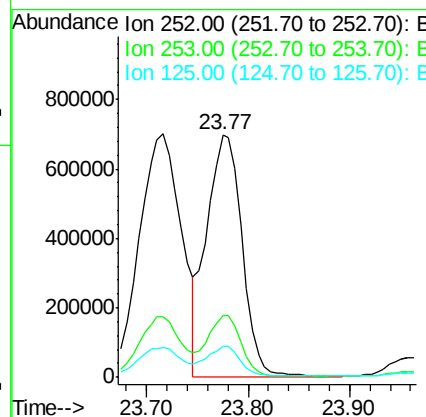
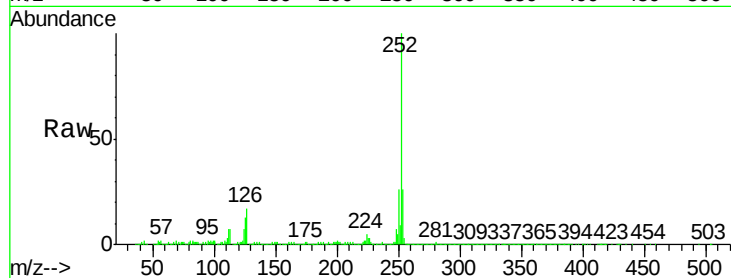
#89
Benzo(k)fluoranthene
Concen: 54.800 ng
RT: 23.77 min Scan# 3521
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.4	29.2
125	12.7	9.9	14.9

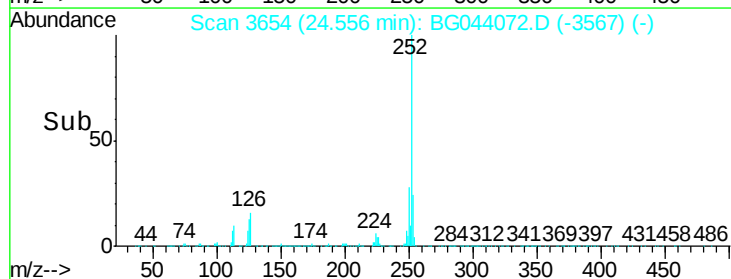
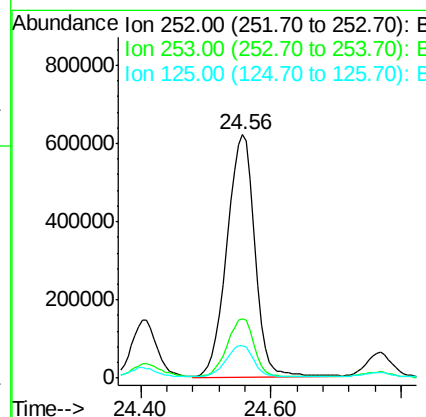
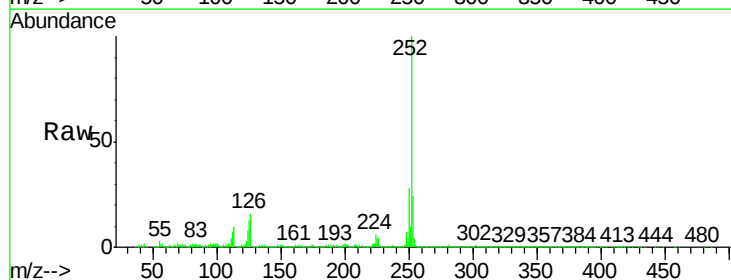
Manual Integrations
APPROVED

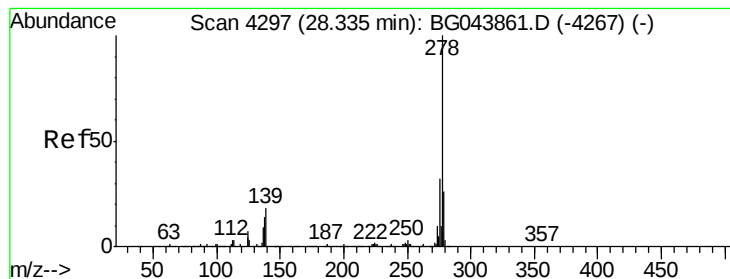
mohammad
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#90
Benzo(a)pyrene
Concen: 60.566 ng
RT: 24.56 min Scan# 3654
Delta R.T. -0.02 min
Lab File: BG044072.D
Acq: 16 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.3	28.9
125	13.3	10.4	15.6





#91

Dibenzo(a,h)anthracene

Concen: 40.621 ng

RT: 28.30 min Scan# 4291

Delta R.T. -0.04 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MSD

Tot Ion:278 Resp: 1246578

Ion Ratio Lower Upper

278 100

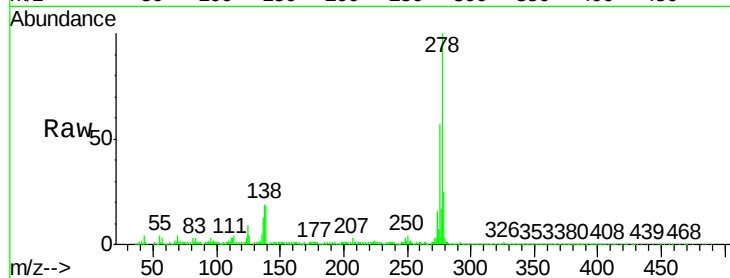
139 17.6 14.2 21.4

279 24.9 20.6 30.8

Manual Integrations
APPROVED

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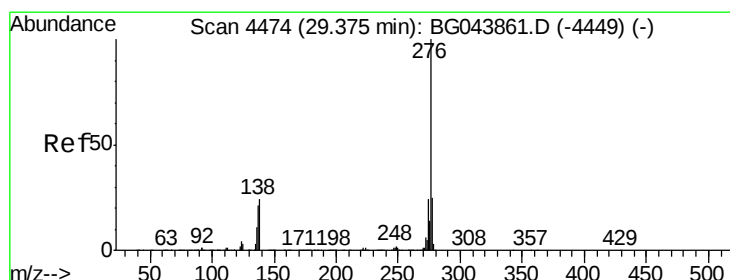
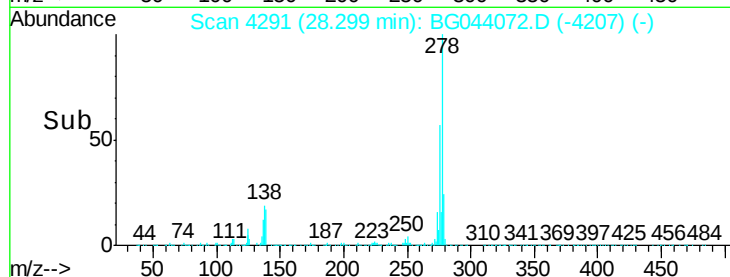
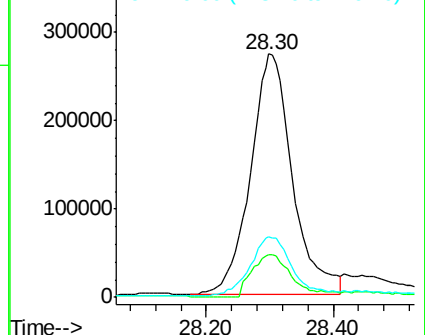
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.511 ng

RT: 29.34 min Scan# 4469

Delta R.T. -0.03 min

Lab File: BG044072.D

Acq: 16 Jan 2020 17:20

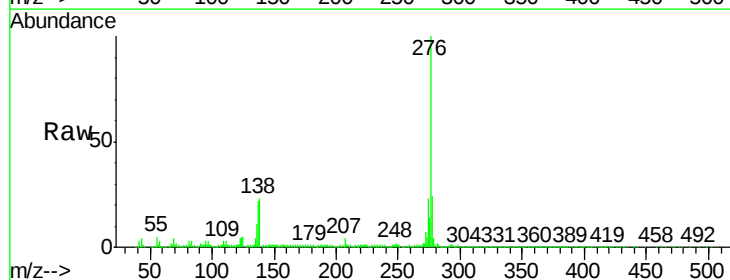
Tgt Ion:276 Resp: 1509258

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.4

138 22.7 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

