

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044115.D
 Acq On : 21 Jan 2020 2:12
 Operator : JU
 Sample : L1176-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

Manual Integrations
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 1/21/2020 2:25:31 PM

Quant Time: Jan 21 07:27:39 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	7.93	152	85368	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	372118	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	252166	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	535518	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	444357	20.00	ng	-0.03
87) Perylene-d12	24.67	264	508690	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	711866	153.11	ng	-0.02
7) Phenol-d6	7.11	99	1008766	155.22	ng	-0.02
23) Nitrobenzene-d5	9.09	82	576333	82.85	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	392982	148.92	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1292881	92.89	ng	-0.03
79) Terphenyl-d14	19.93	244	1873166	109.16	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	87607	43.215	ng 97
3) Pyridine	3.79	79	223069	37.248	ng 94
4) n-Nitrosodimethylamine	3.70	42	117596	44.105	ng 98
6) Aniline	7.25	93	142748	16.723	ng 97
8) 2-Chlorophenol	7.50	128	294846	54.018	ng 98
9) Benzaldehyde	7.07	77	149828	36.021	ng 99
10) Phenol	7.14	94	399318	59.635	ng 98
11) bis(2-Chloroethyl)ether	7.35	93	272975	47.228	ng 97
12) 1,3-Dichlorobenzene	7.82	146	294767	46.149	ng 99
13) 1,4-Dichlorobenzene	7.97	146	302300	47.967	ng 99
14) 1,2-Dichlorobenzene	8.29	146	286244	47.320	ng 100
15) Benzyl Alcohol	8.17	79	252178	49.166	ng 99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	372294	41.633	ng 98
17) 2-Methylphenol	8.38	107	258979	53.446	ng 98
18) Hexachloroethane	9.02	117	111552	45.489	ng 97
19) n-Nitroso-di-n-propylamine	8.74	70	221640	45.795	ng 98
20) 3+4-Methylphenols	8.71	107	359352	53.160	ng 99
22) Acetophenone	8.75	105	404775	43.754	ng 98
24) Nitrobenzene	9.13	77	312734	45.393	ng 99
25) Isophorone	9.66	82	606589	46.481	ng 99
26) 2-Nitrophenol	9.84	139	171578	52.640	ng 96
27) 2,4-Dimethylphenol	9.91	122	284058	57.894	ng 98
28) bis(2-Chloroethoxy)methane	10.14	93	380435	43.727	ng 100
29) 2,4-Dichlorophenol	10.38	162	302376	51.665	ng 97
30) 1,2,4-Trichlorobenzene	10.60	180	294576	44.890	ng 99
31) Naphthalene	10.78	128	871384	48.390	ng 99
32) Benzoic acid	10.07	122	159065	40.878	ng 97
33) 4-Chloroaniline	10.89	127	62935	7.328	ng 98
34) Hexachlorobutadiene	11.08	225	170312	42.508	ng 99
35) Caprolactam	11.67	113	116423m	53.436	ng
36) 4-Chloro-3-methylphenol	12.02	107	333169	53.474	ng 98
37) 2-Methylnaphthalene	12.39	142	663725	48.958	ng 97
38) 1-Methylnaphthalene	12.61	142	633501	49.304	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	316439	42.814	ng 99

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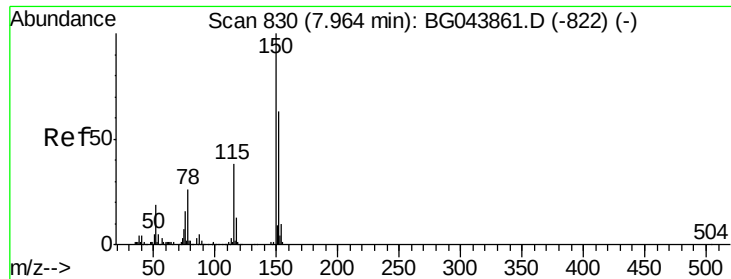
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	401850	104.873	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	246102	48.392	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	265571	50.631	ng	99
46) 1,1'-Biphenyl	13.40	154	843780	46.669	ng	98
47) 2-Chloronaphthalene	13.45	162	662125	45.321	ng	98
48) 2-Nitroaniline	13.64	65	209182	44.511	ng	95
49) Acenaphthylene	14.29	152	1063617	50.652	ng	98
50) Dimethylphthalate	14.03	163	967668	54.045	ng	98
51) 2,6-Dinitrotoluene	14.14	165	198298	49.000	ng	99
52) Acenaphthene	14.63	154	671175	45.578	ng	97
53) 3-Nitroaniline	14.47	138	60928	13.258	ng	98
54) 2,4-Dinitrophenol	14.67	184	220676	105.183	ng	95
55) Dibenzofuran	14.97	168	1006381	49.644	ng	98
56) 4-Nitrophenol	14.79	139	364652	103.546	ng	96
57) 2,4-Dinitrotoluene	14.93	165	277679	50.427	ng	98
58) Fluorene	15.62	166	804191	50.050	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	231024	51.222	ng	98
60) Diethylphthalate	15.39	149	874945	48.857	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	418219	47.935	ng	98
62) 4-Nitroaniline	15.63	138	195623	43.105	ng	96
63) Azobenzene	15.90	77	817156	49.202	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	163023	58.071	ng	96
66) n-Nitrosodiphenylamine	15.83	169	755939	47.934	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	273136	45.349	ng	98
68) Hexachlorobenzene	16.63	284	295303	45.502	ng	97
69) Atrazine	16.78	200	280039	54.629	ng	98
70) Pentachlorophenol	16.97	266	322118	90.038	ng	99
71) Phenanthrene	17.35	178	1250202	48.672	ng	99
72) Anthracene	17.45	178	1292361	50.910	ng	99
73) Carbazole	17.71	167	1148940	48.998	ng	98
74) Di-n-butylphthalate	18.28	149	1413174	47.203	ng	98
75) Fluoranthene	19.36	202	1418740	48.296	ng	98
77) Benzidine	19.54	184	328000	29.366	ng	98
78) Pyrene	19.73	202	1427405	49.212	ng	98
80) Butylbenzylphthalate	20.62	149	670324	48.542	ng	94
81) Benzo(a)anthracene	21.54	228	1365675	49.565	ng	98
82) 3,3'-Dichlorobenzidine	21.46	252	196337	18.036	ng	96
83) Chrysene	21.61	228	1298062	49.580	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	938894	49.276	ng	99
85) Di-n-octyl phthalate	22.64	149	1628373	50.835	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1701605	47.825	ng	99
88) Benzo(b)fluoranthene	23.69	252	1435842	47.746	ng	99
89) Benzo(k)fluoranthene	23.76	252	1398020	48.887	ng	99
90) Benzo(a)pyrene	24.53	252	1337032	47.106	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1393076	48.871	ng	100
92) Benzo(g,h,i)perylene	29.30	276	1431645	50.562	ng	98

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



#1

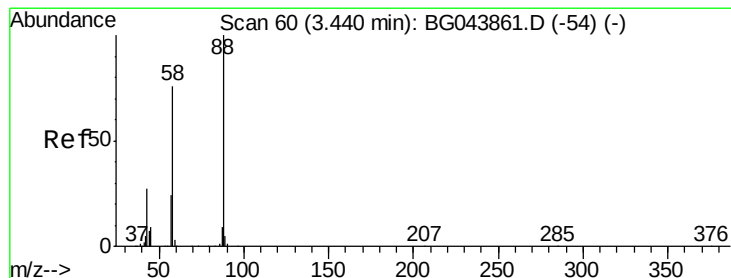
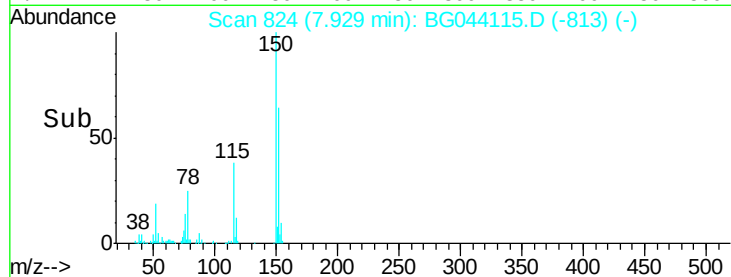
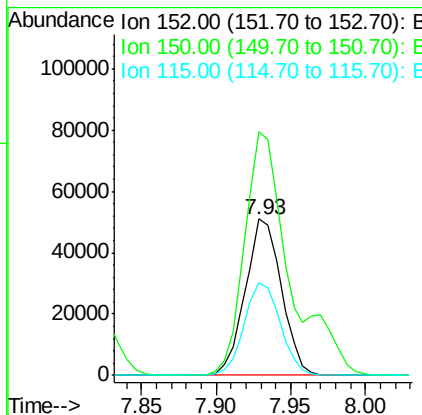
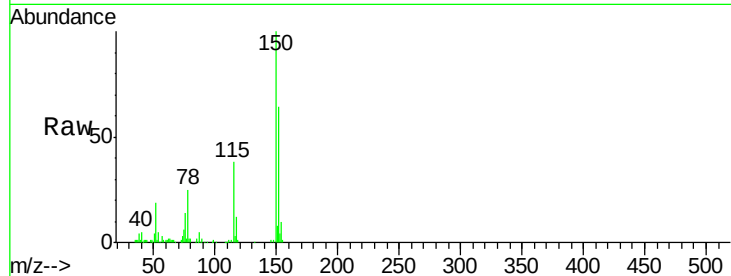
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampled :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.0	190.4
115	58.9	47.8	71.8

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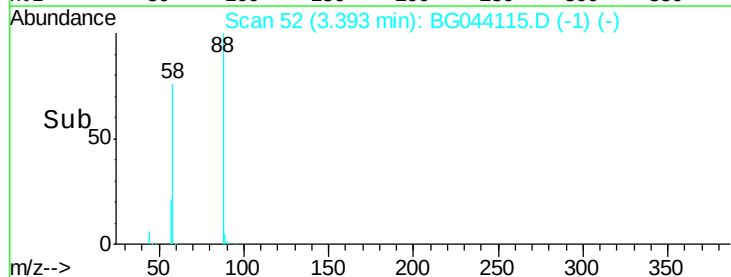
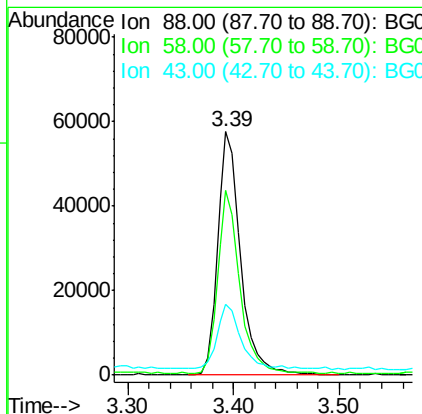
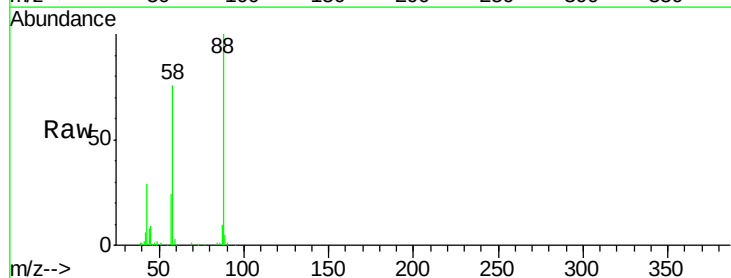
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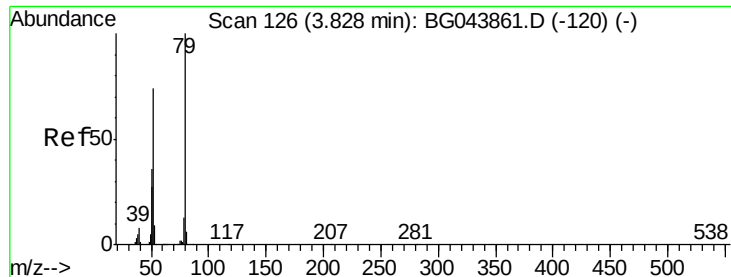


#2

1,4-Dioxane
Concen: 43.215 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	59.8	89.8
43	27.2	22.9	34.3





#3

Pvridine

Concen: 37.248 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

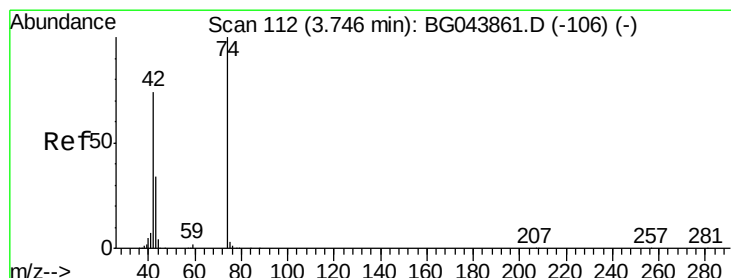
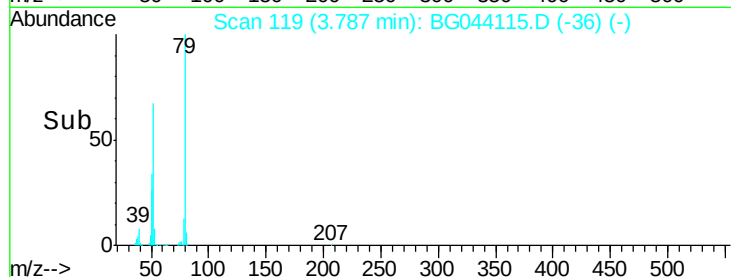
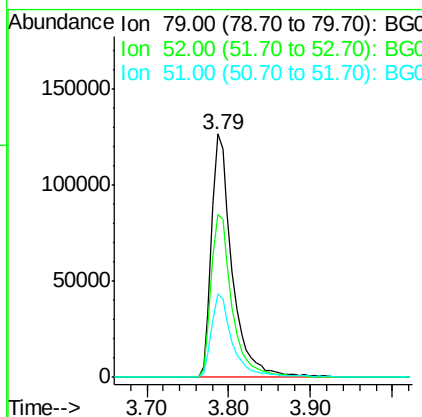
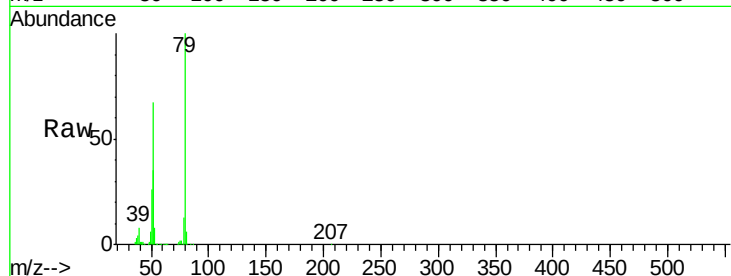
ClientSampleId :

EP-3MSD

Tot Ion:	79	Resp:	223069
Ion Ratio	Lower	Upper	
79	100		
52	67.1	58.9	88.3
51	34.5	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 44.105 ng

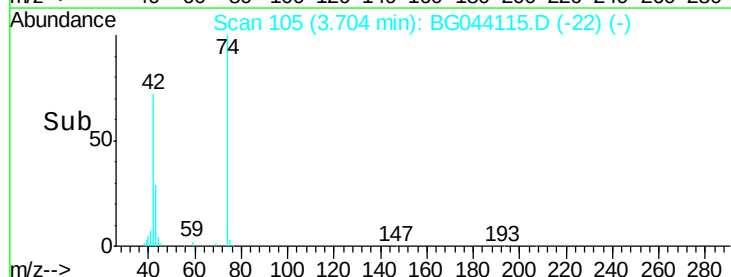
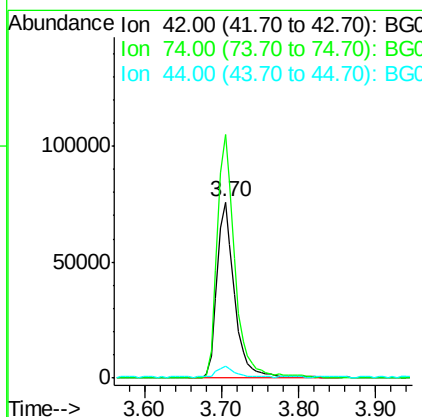
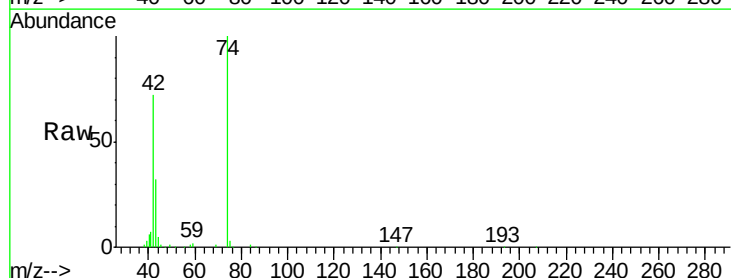
RT: 3.70 min Scan# 105

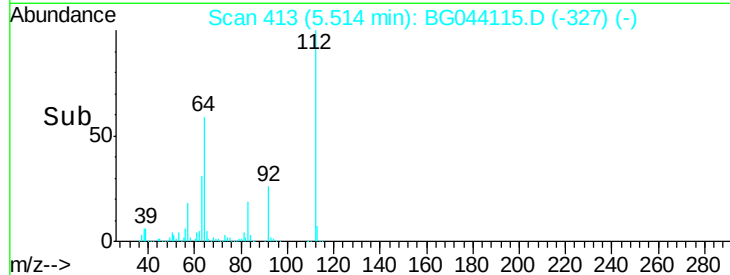
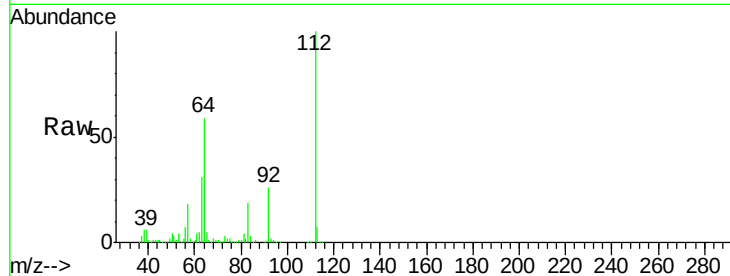
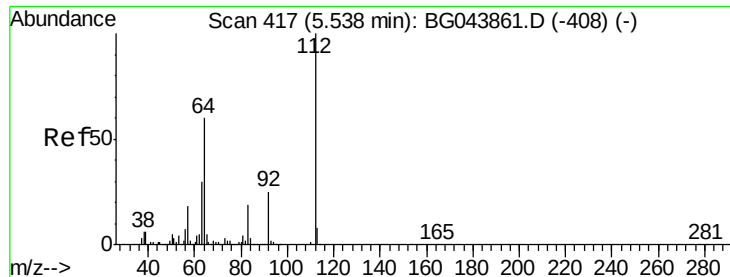
Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:	42	Resp:	117596
Ion Ratio	Lower	Upper	
42	100		
74	138.4	108.6	162.8
44	7.1	5.0	7.6





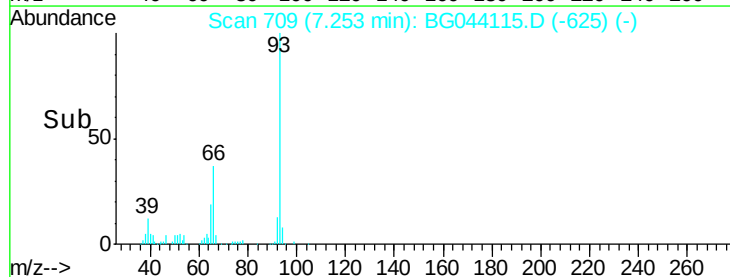
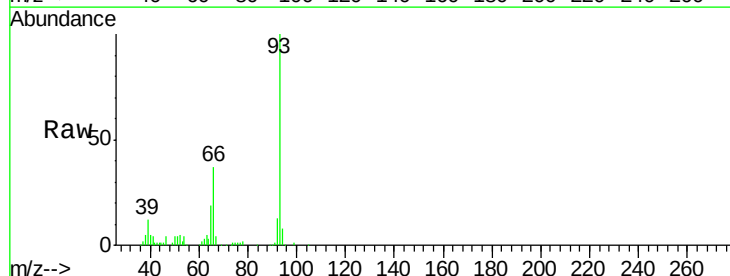
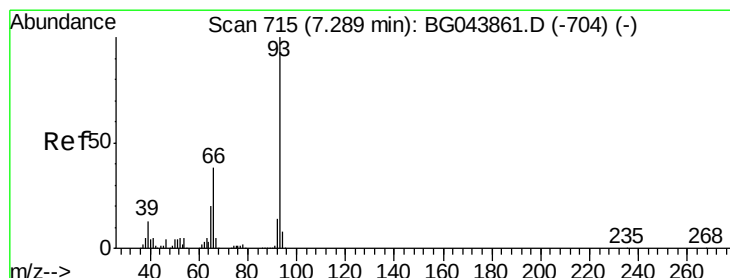
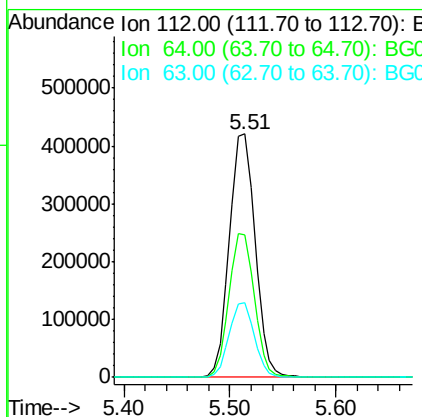
#5
2-Fluorophenol
Concen: 153.110 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tot Ion:	112	Resp:	711866
Ion Ratio	Lower	Upper	
112	100		
64	58.8	47.8	71.6
63	30.7	24.3	36.5

Instrument :
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ClientSampled :
EP-3MSD

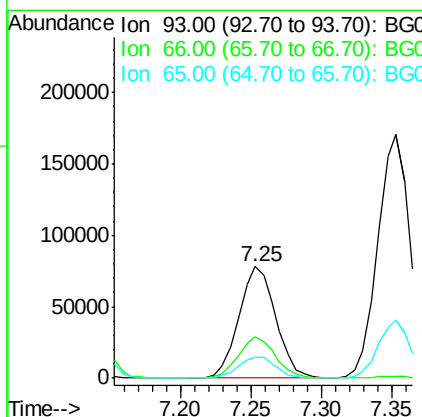
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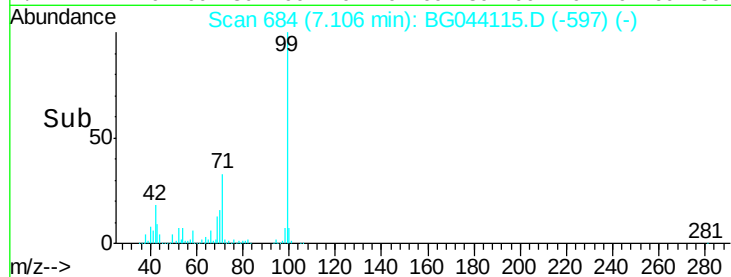
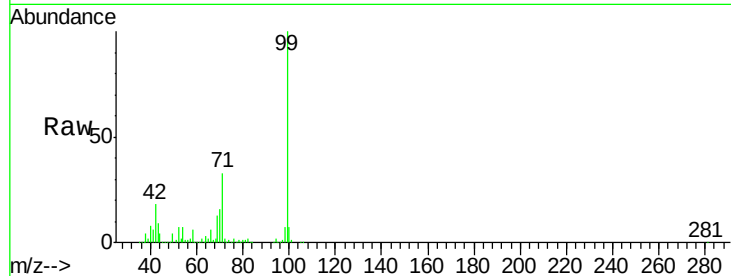
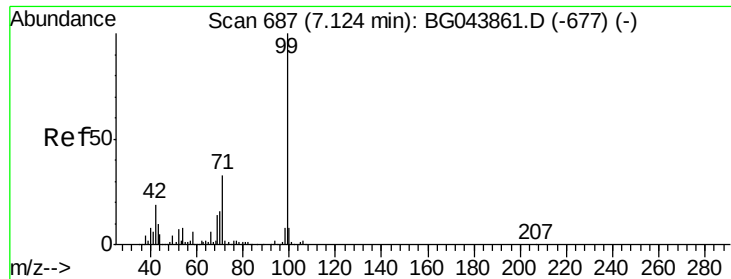
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#6
Aniline
Concen: 16.723 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:	93	Resp:	142748
Ion Ratio	Lower	Upper	
93	100		
66	36.8	30.8	46.2
65	18.5	16.0	24.0





#7

Phenol-d6

Concen: 155.219 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tot Ion:	99	Resp:	1008766
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.9	22.3
71	32.8	26.4	39.6

Instrument :

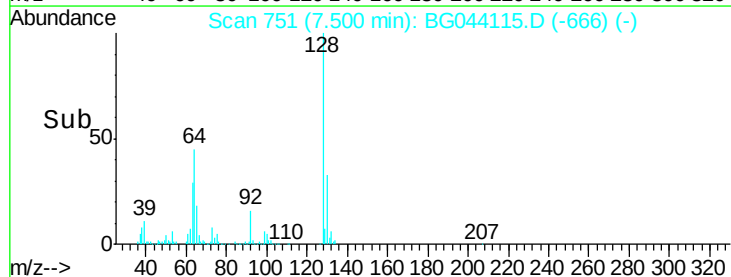
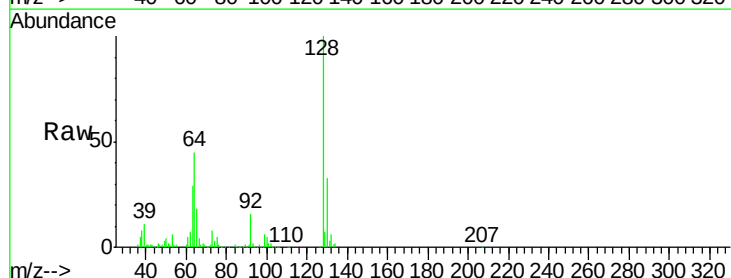
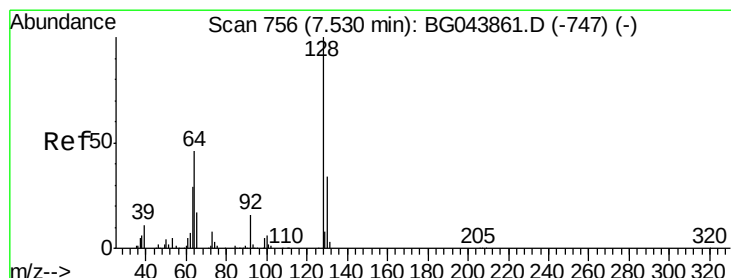
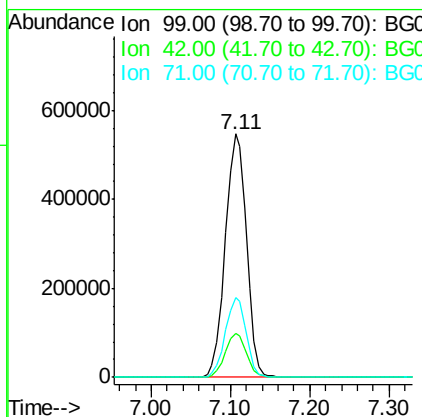
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 54.018 ng

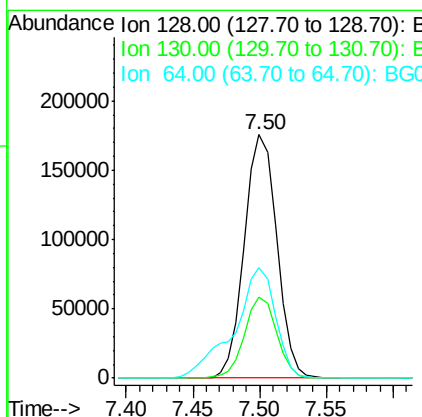
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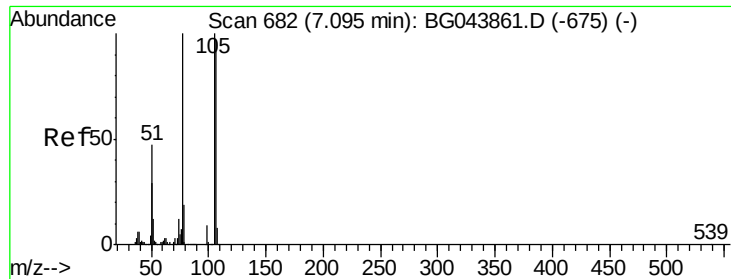
Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:	128	Resp:	294846
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.8	53.8
64	45.1	27.6	67.6





#9

Benzaldehyde

Concen: 36.021 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

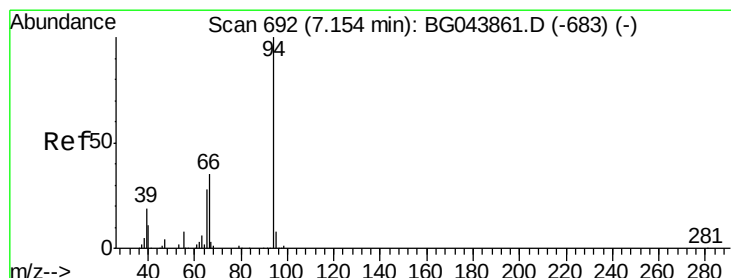
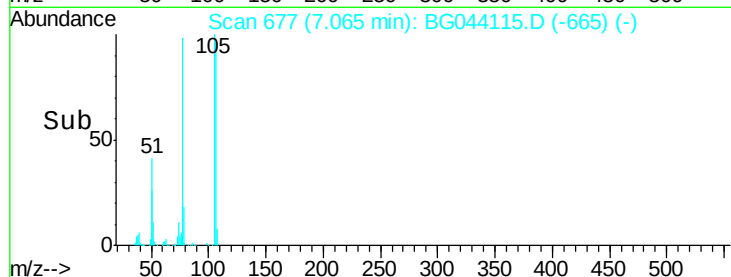
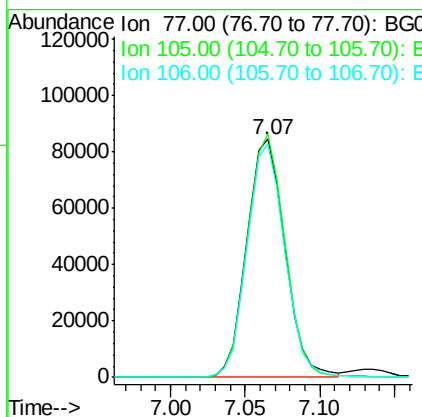
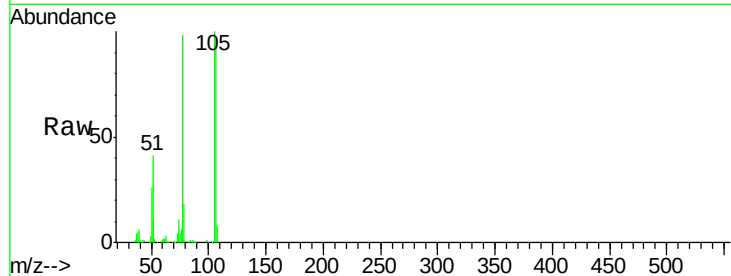
ClientSampled :

EP-3MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.2	80.2	120.2
106	97.8	77.2	117.2

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#10

Phenol

Concen: 59.635 ng

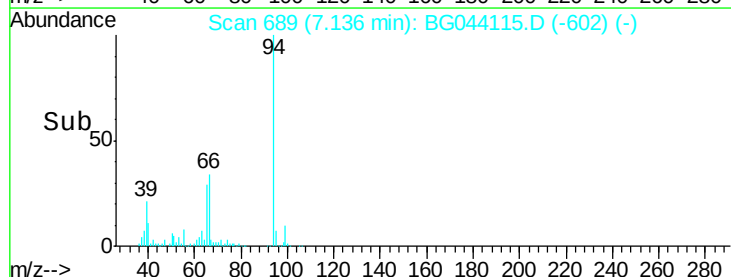
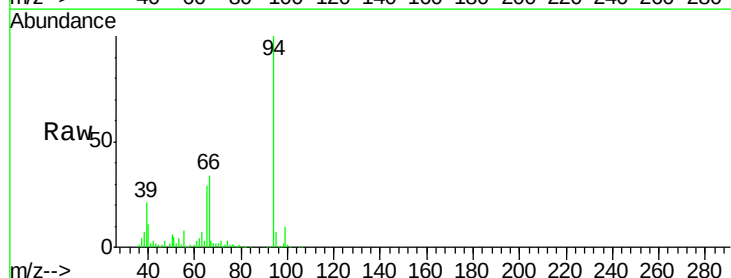
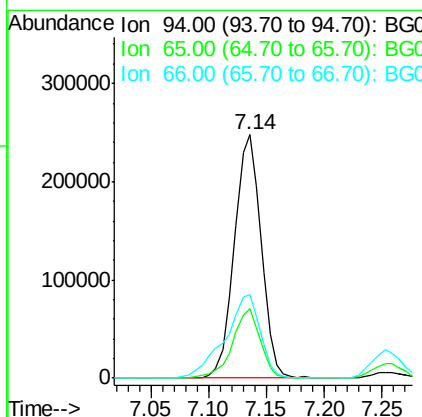
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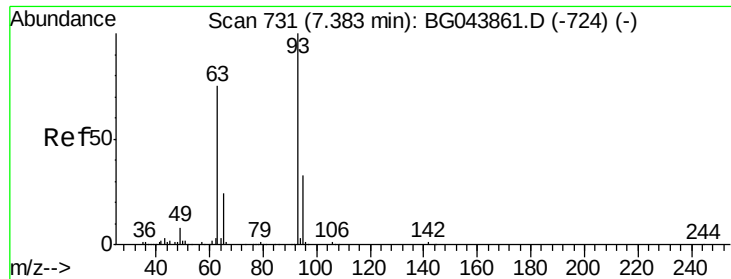
Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.1	48.1
66	34.4	15.6	55.6





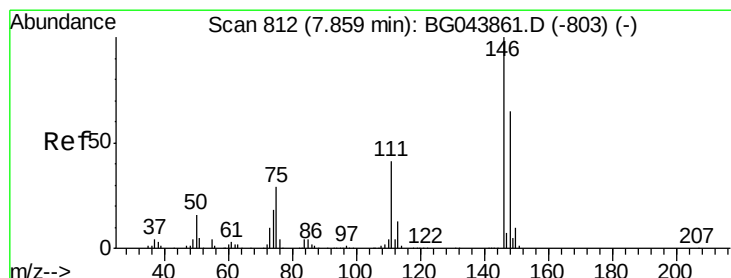
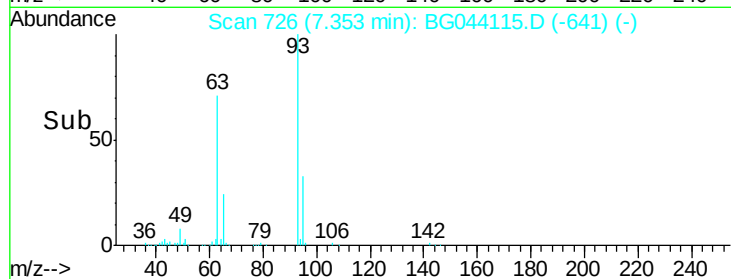
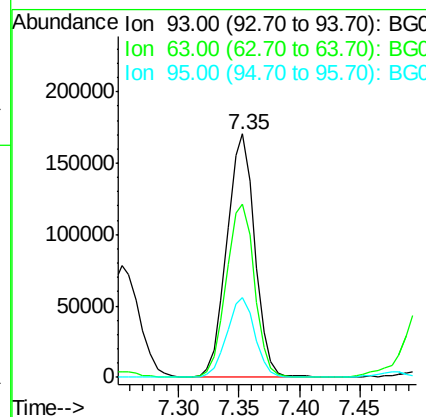
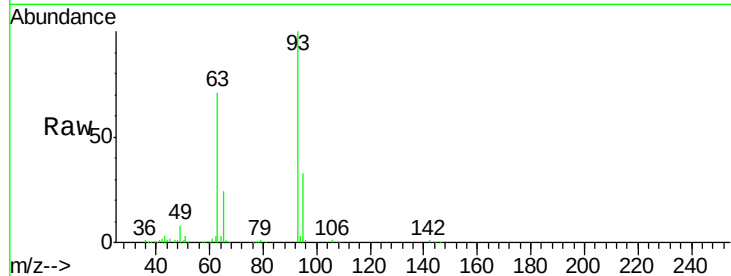
#11
bis(2-Chloroethyl)ether
Concen: 47.228 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	272975		
63	71.2		55.0	95.0
95	33.0		13.3	53.3

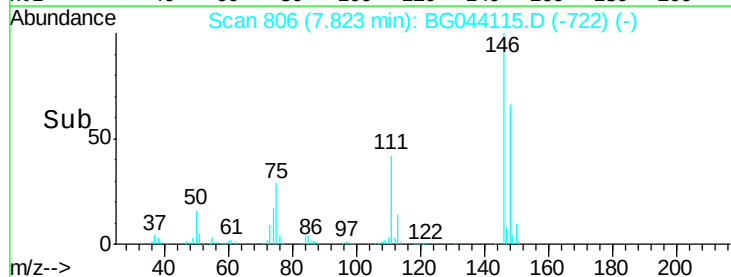
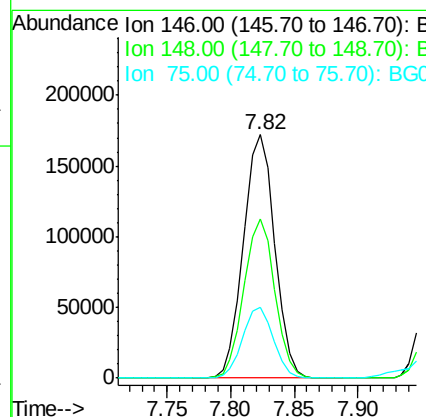
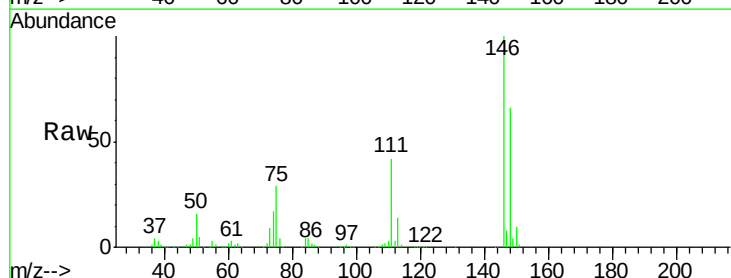
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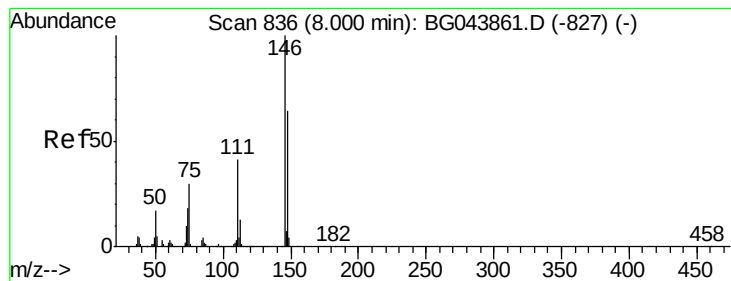
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.149 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	294767		
148	65.5		52.1	78.1
75	29.1		23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 47.967 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

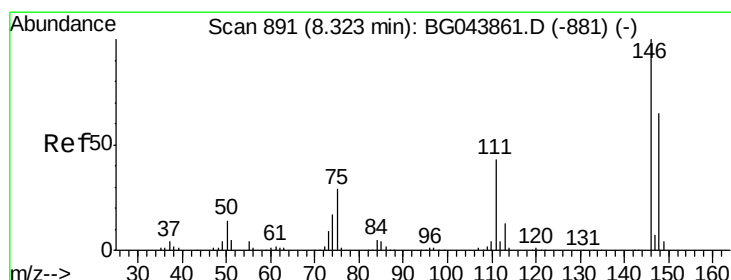
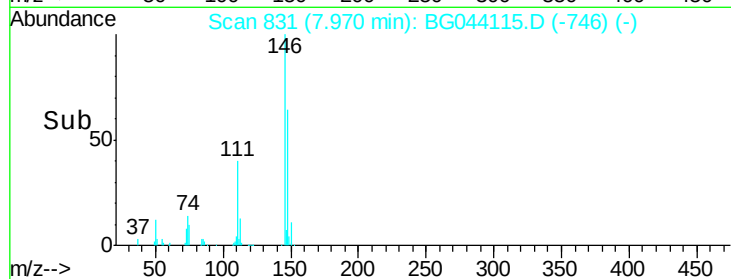
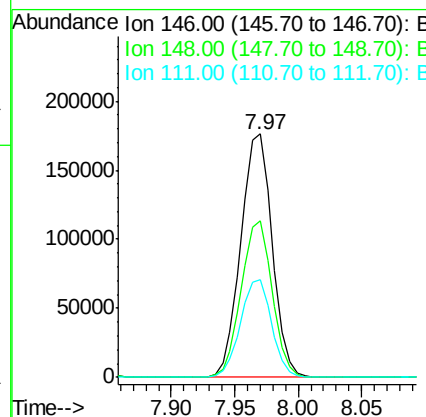
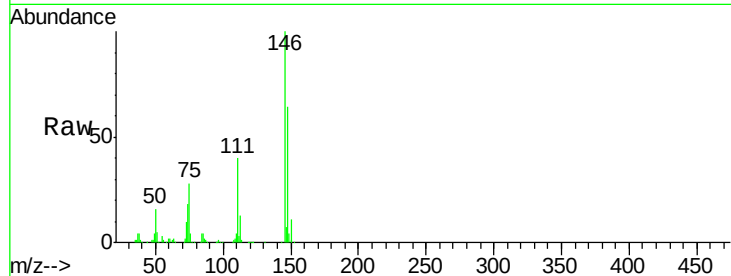
ClientSampleId :

EP-3MSD

Tot Ion:	146	Resp:	302300
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.2	76.8
111	40.3	33.1	49.7

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#14

1,2-Dichlorobenzene

Concen: 47.320 ng

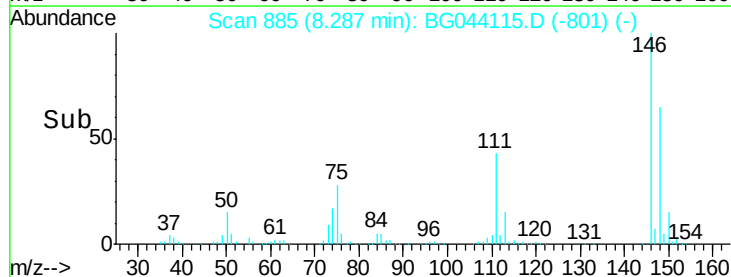
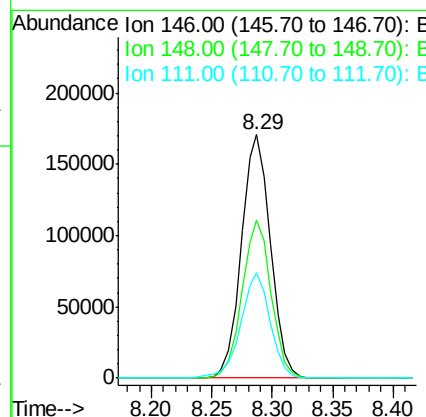
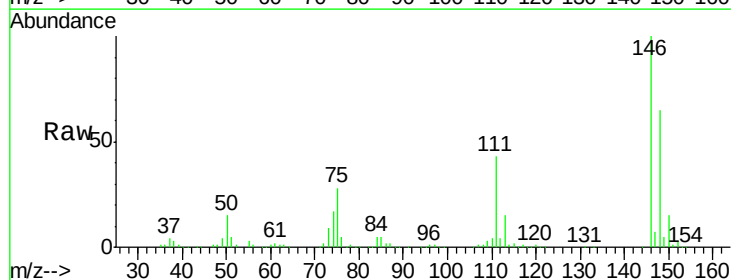
RT: 8.29 min Scan# 885

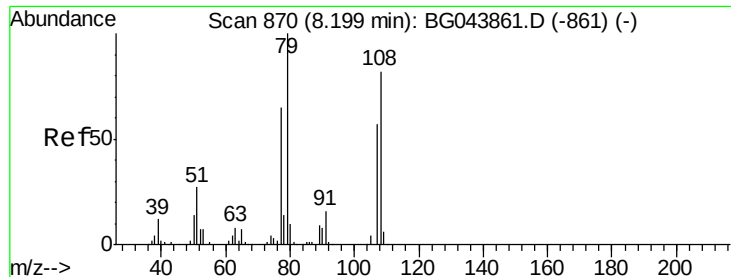
Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:	146	Resp:	286244
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.7	77.5
111	43.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 49.166 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

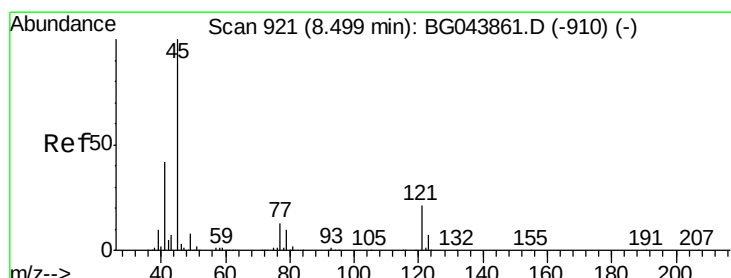
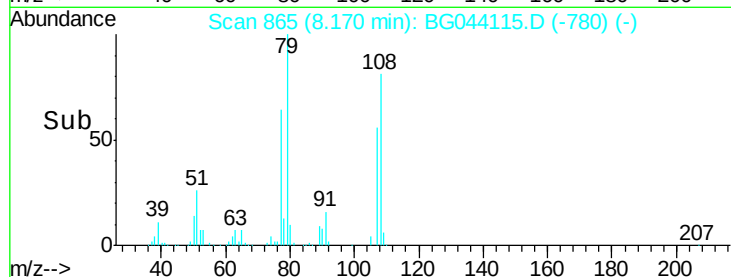
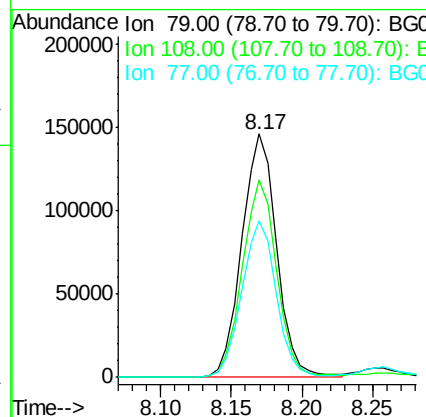
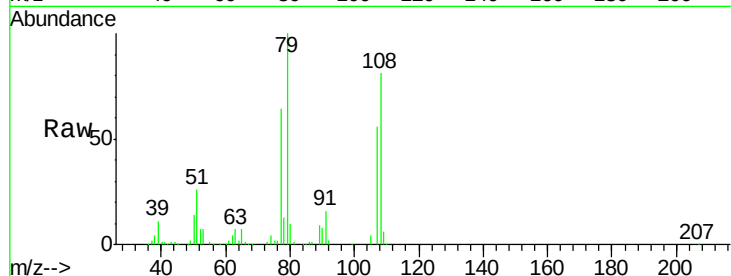
ClientSampleId :

EP-3MSD

Tot Ion	79	Resp	252178
Ion Ratio	Lower	Upper	
79	100		
108	81.1	65.6	98.4
77	64.1	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.633 ng

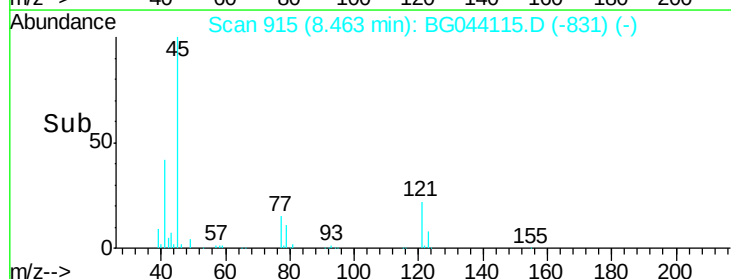
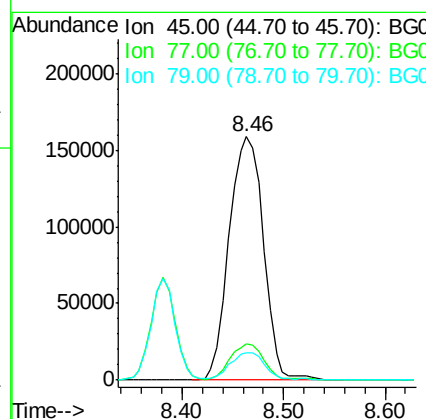
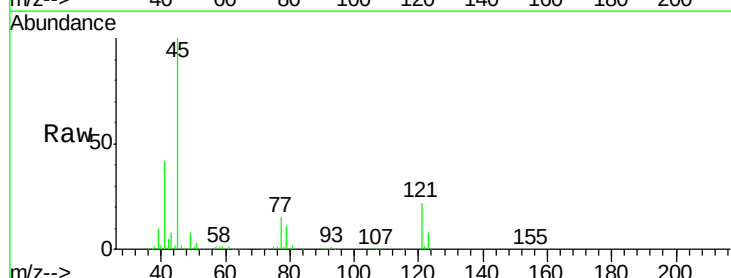
RT: 8.46 min Scan# 915

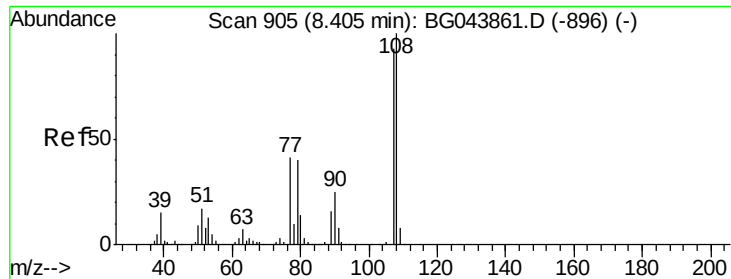
Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion	45	Resp	372294
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	33.8
79	11.4	0.0	31.0





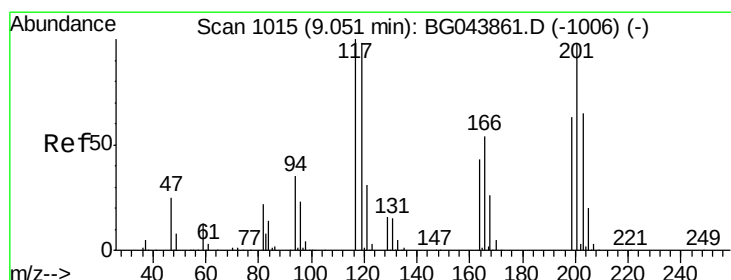
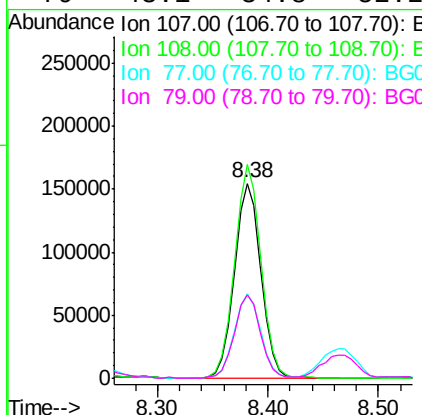
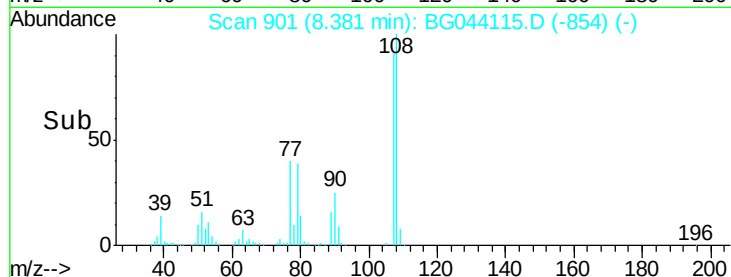
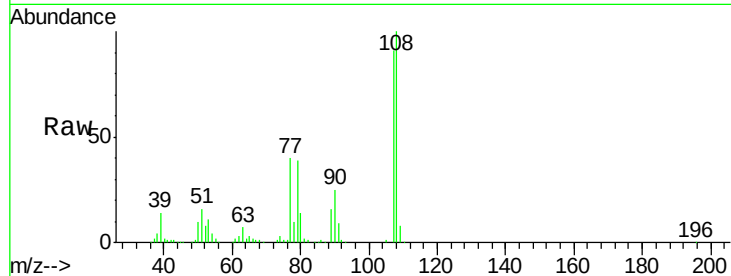
#17
2-Methylphenol
Concen: 53.446 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	109.8	86.1	129.1	
77	77	43.5	35.4	53.0	
79	79	43.1	34.8	52.2	

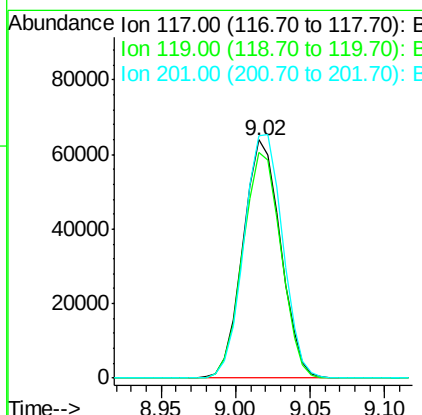
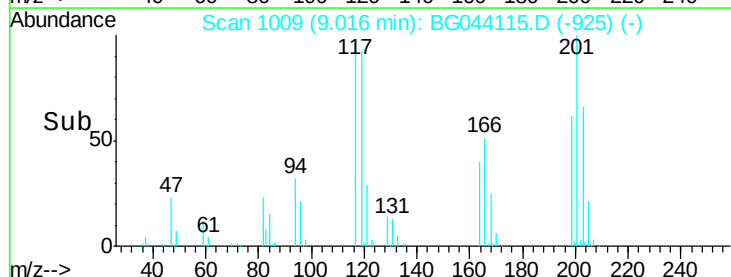
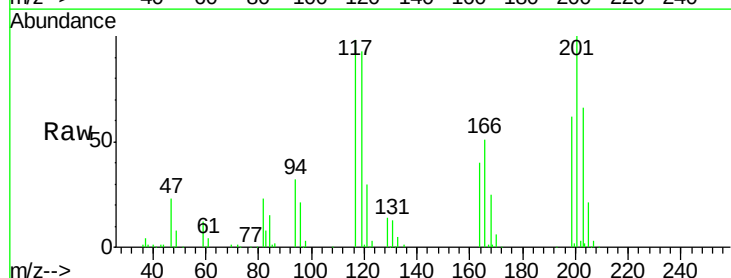
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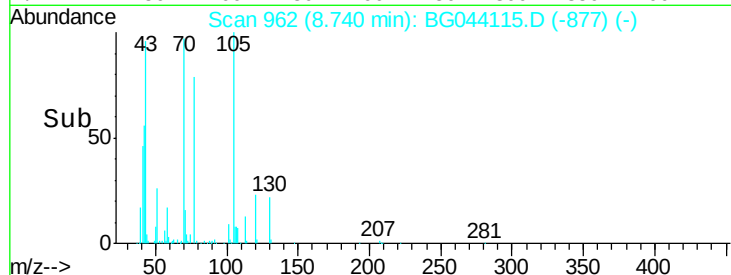
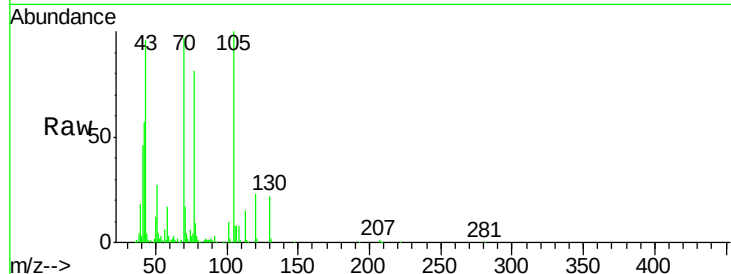
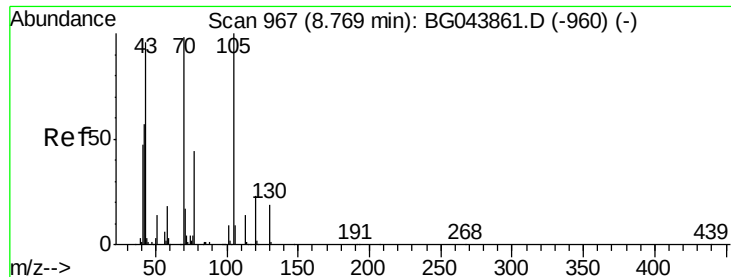
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#18
Hexachloroethane
Concen: 45.489 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.6	78.1	117.1	
201	201	101.5	78.6	117.8	





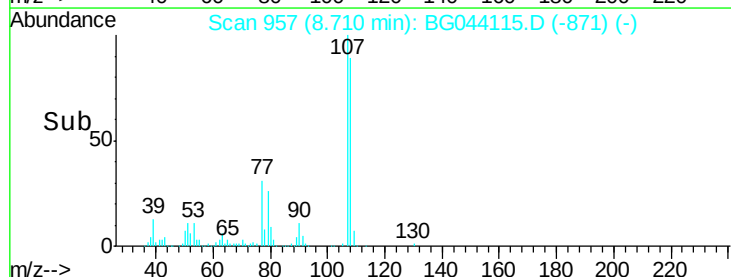
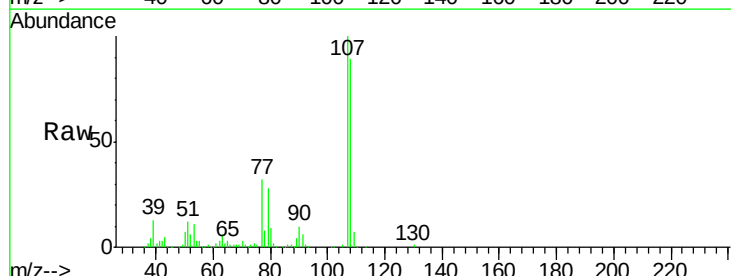
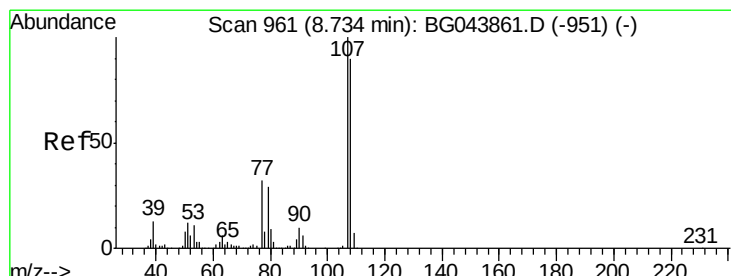
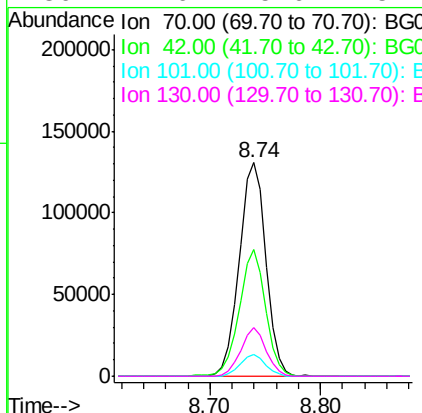
#19
n-Nitroso-di-n-propylamine
Concen: 45.795 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.3	47.0	70.4		
101	10.0	7.2	10.8		
130	22.6	15.6	23.4		

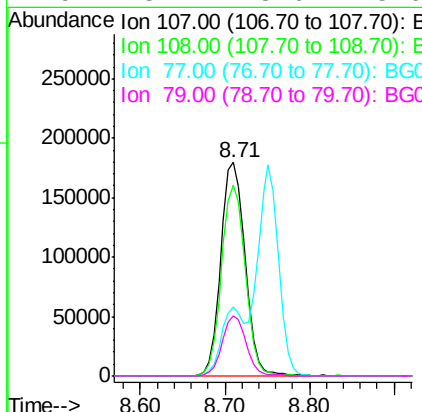
Manual Integrations
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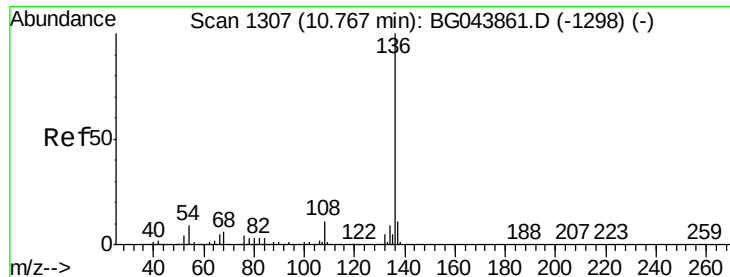
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#20
3+4-Methylphenols
Concen: 53.160 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.4	70.3	110.3		
77	32.3	12.4	52.4		
79	28.4	8.6	48.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

Tot Ion:136 Resp: 372118

Ion Ratio Lower Upper

136 100

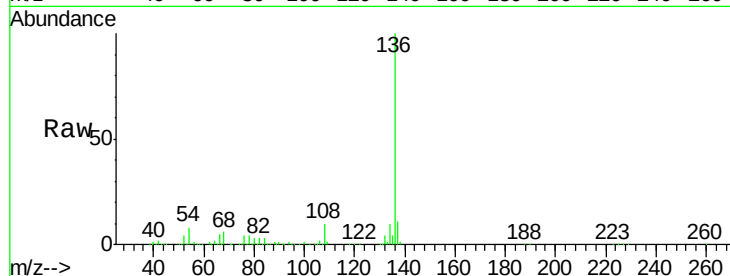
137 11.2 8.8 13.2

54 7.7 7.0 10.4

68 6.0 4.9 7.3

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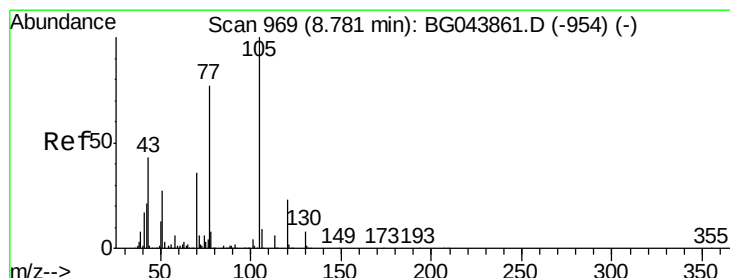
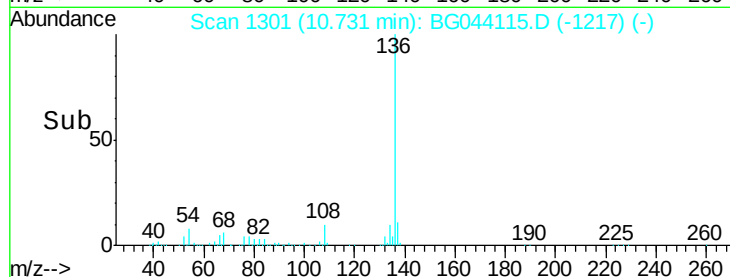
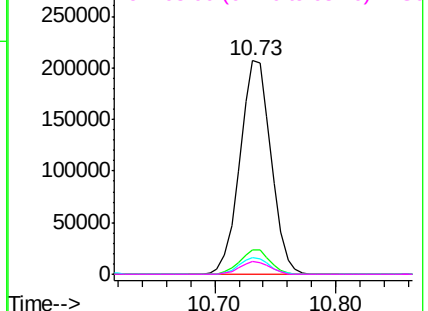
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.754 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:105 Resp: 404775

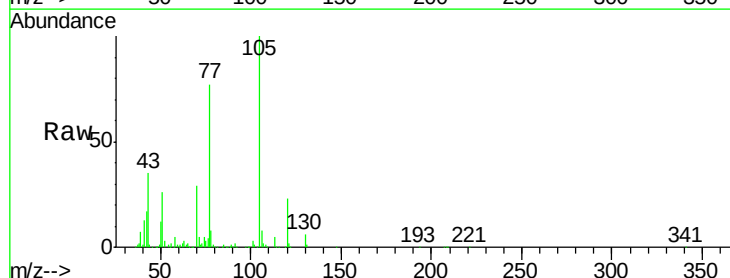
Ion Ratio Lower Upper

105 100

71 4.8 4.8 7.2

51 25.6 21.4 32.0

120 23.1 18.6 28.0



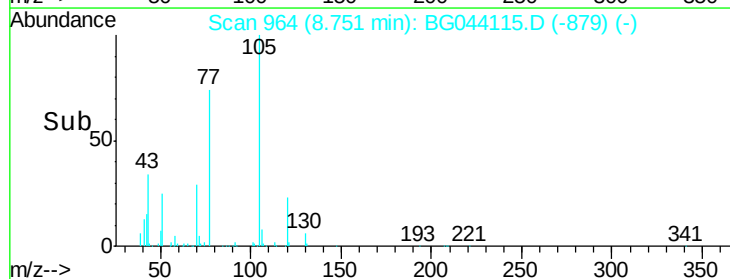
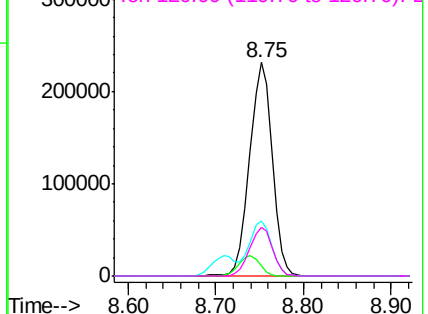
Abundance

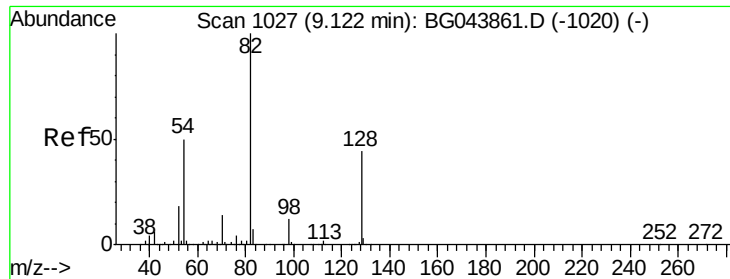
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





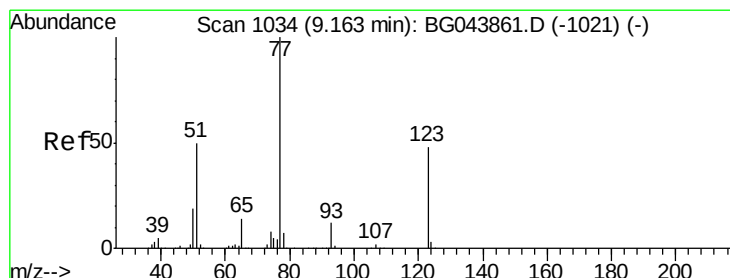
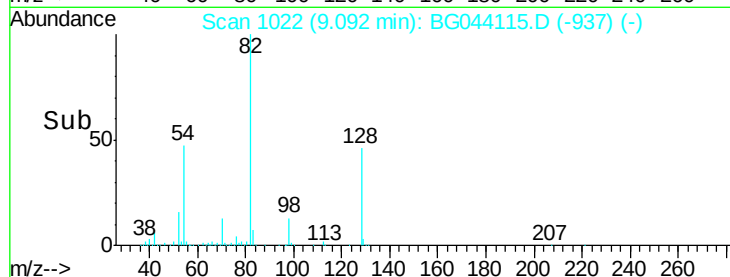
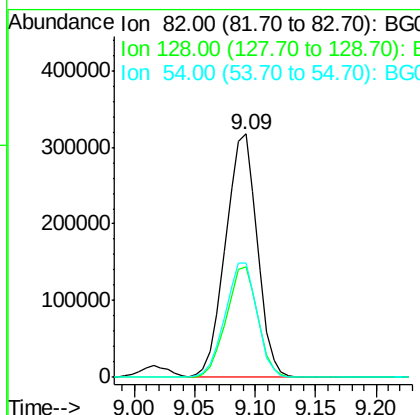
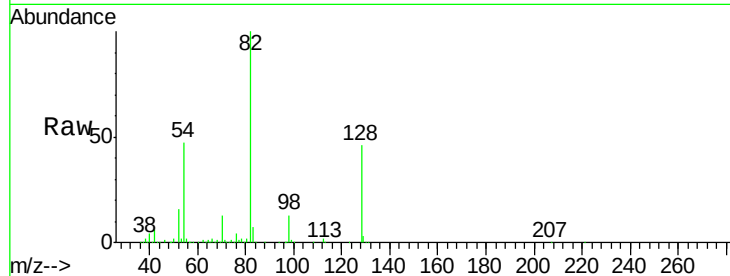
#23
 Nitrobenzene-d5
 Concen: 82.854 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Instrument :
 BNA_G
 ClientSampled :
 EP-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	46.9	40.1	60.1

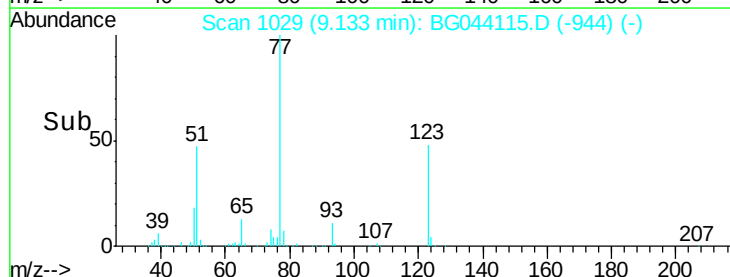
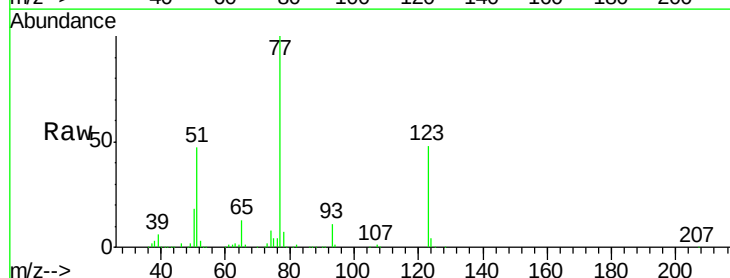
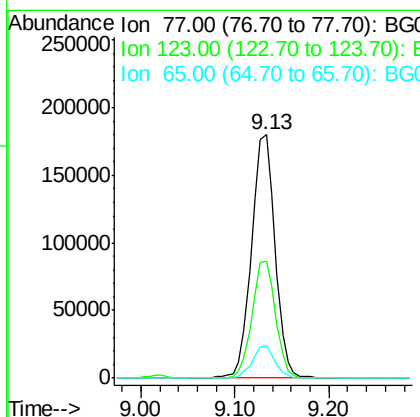
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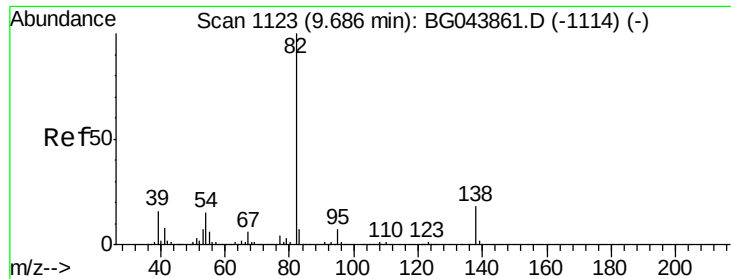
mohammad
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#24
 Nitrobenzene
 Concen: 45.393 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	38.7	58.1
65	13.2	11.1	16.7





#25

Isophorone

Concen: 46.481 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

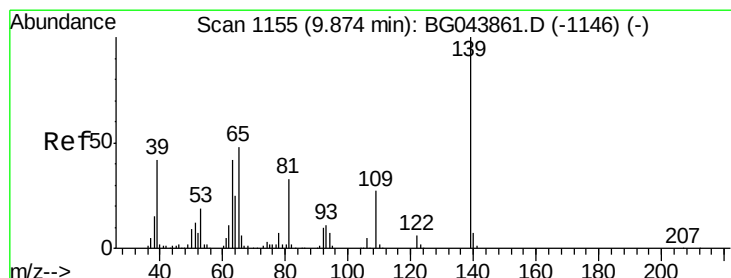
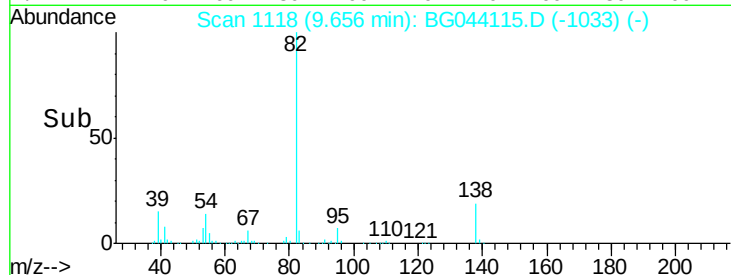
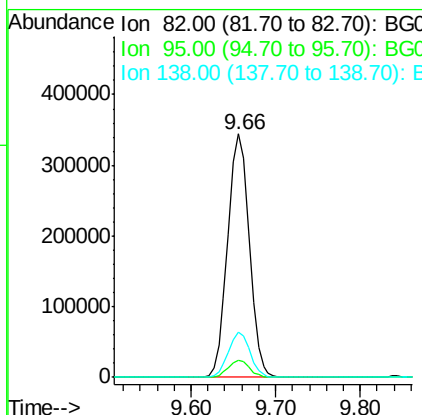
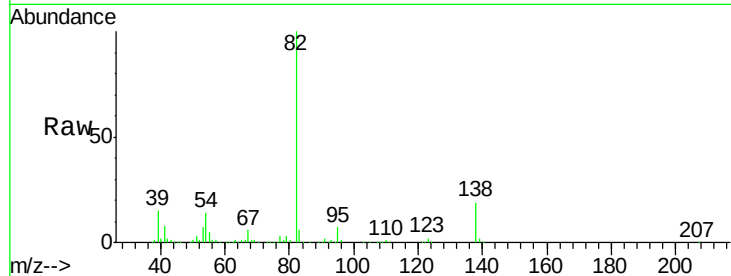
ClientSampleId :

EP-3MSD

Tot Ion:	82	Resp:	606589
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.8	8.6
138	18.7	14.6	22.0

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#26

2-Nitrophenol

Concen: 52.640 ng

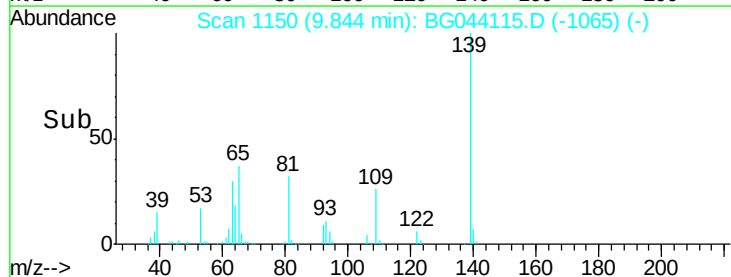
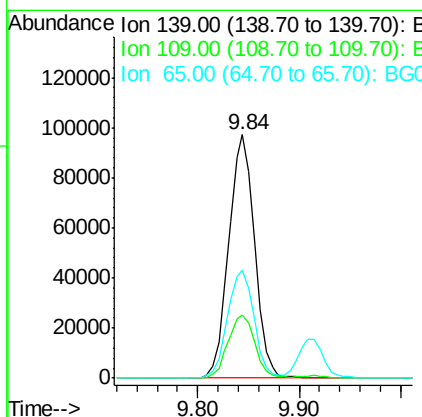
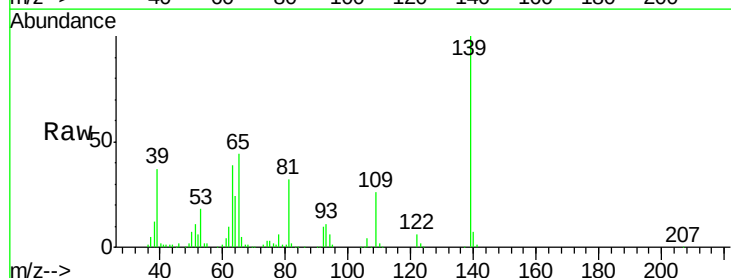
RT: 9.84 min Scan# 1150

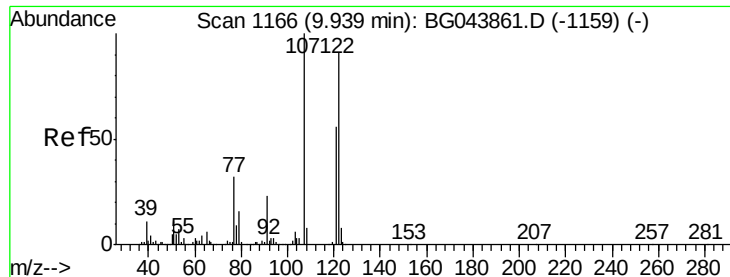
Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:	139	Resp:	171578
Ion Ratio		Lower	Upper
139	100		
109	26.0	21.3	31.9
65	44.5	38.6	57.8





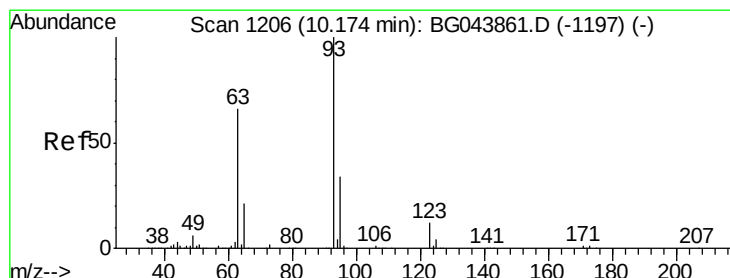
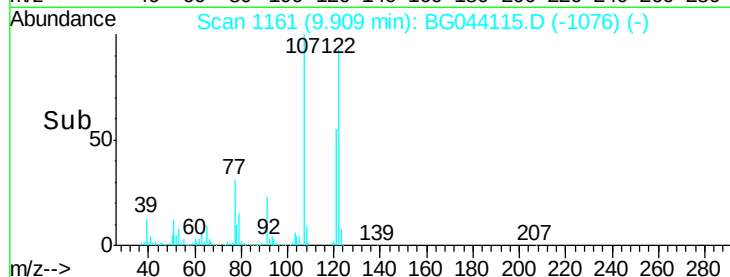
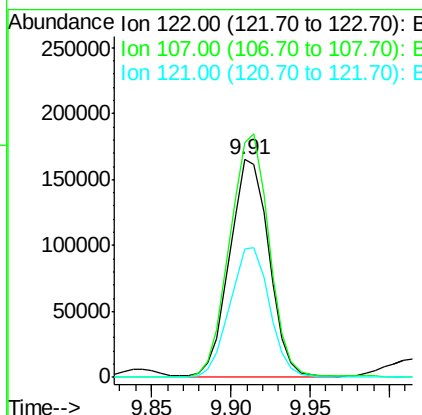
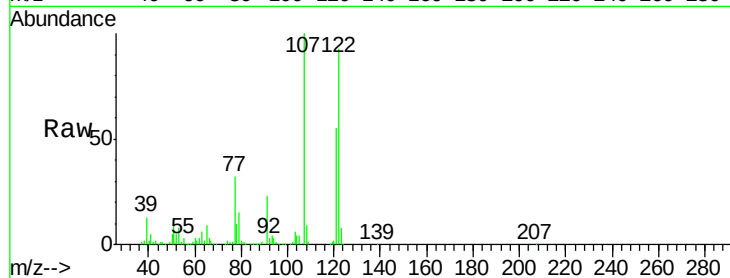
#27
2,4-Dimethylphenol
Concen: 57.894 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampled :
EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	284058		
107	107.9	88.0	132.0	
121	59.3	49.0	73.4	

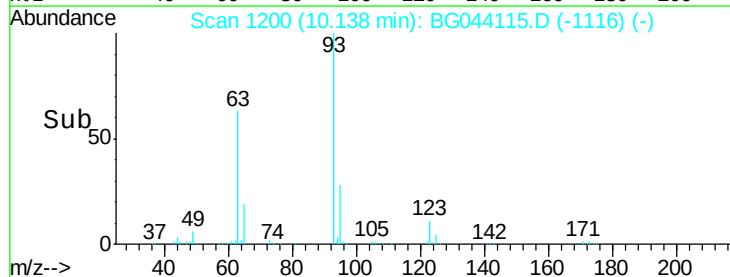
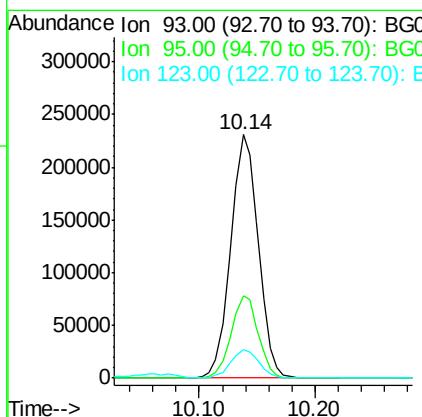
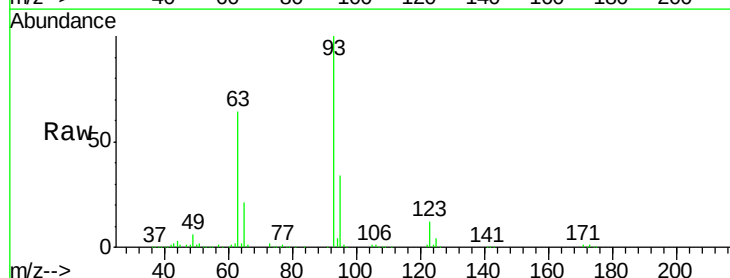
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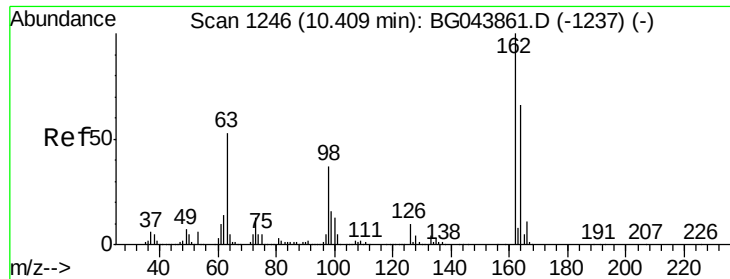
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.727 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	380435		
95	33.7	27.2	40.8	
123	11.9	9.7	14.5	





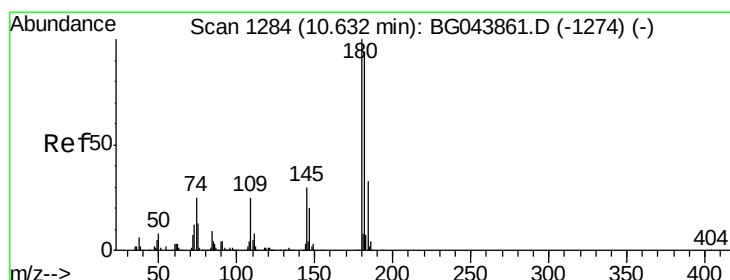
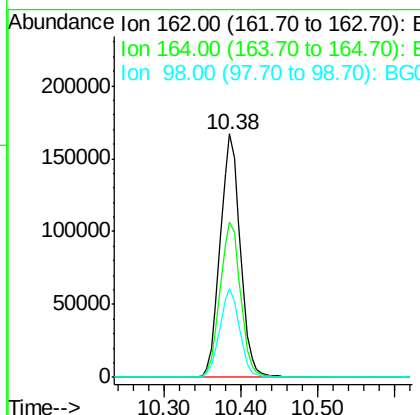
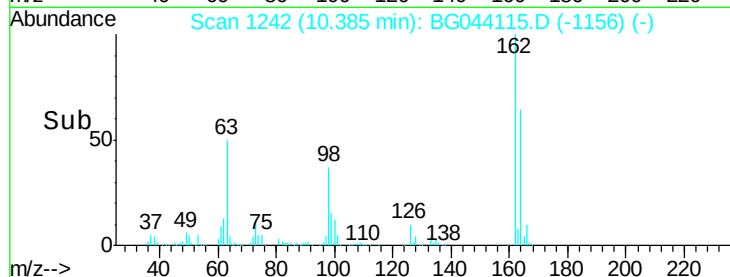
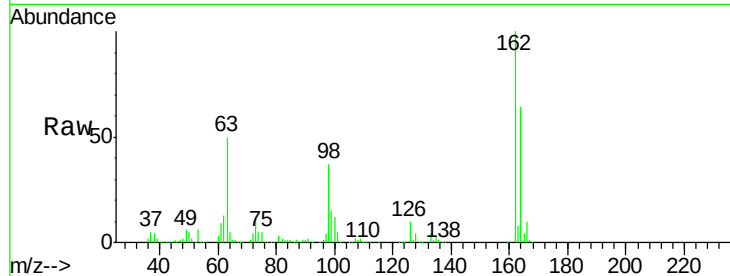
#29
 2,4-Dichlorophenol
 Concen: 51.665 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	302376		
164	63.6	46.3	86.3	
98	36.6	17.3	57.3	

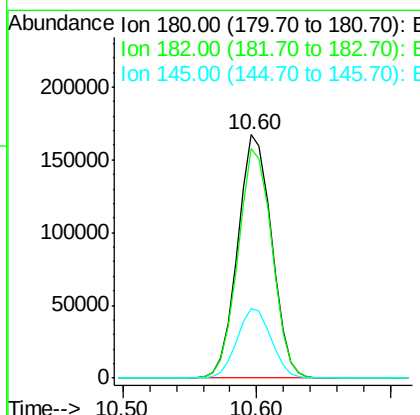
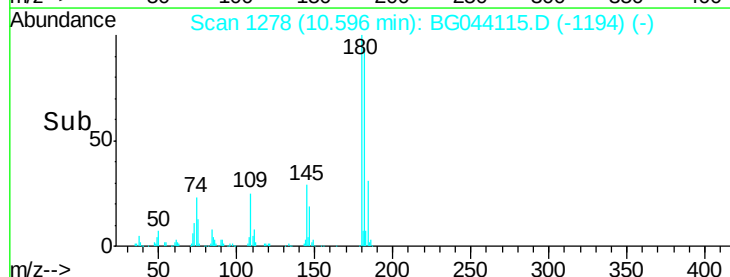
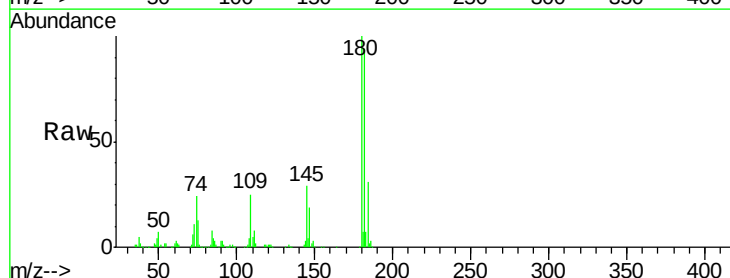
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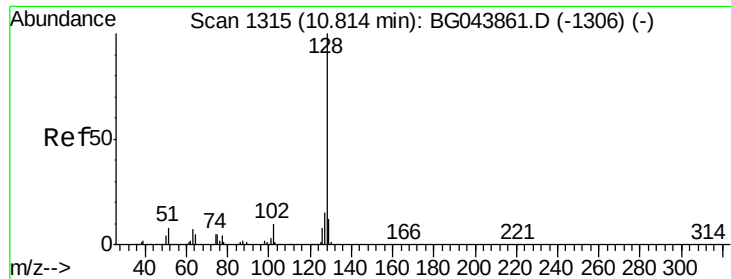
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.890 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	294576		
182	94.1	75.0	112.4	
145	28.7	24.2	36.4	





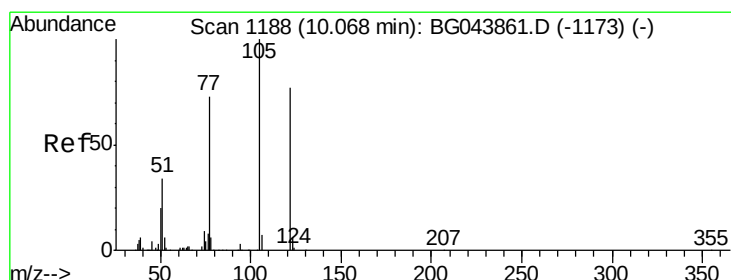
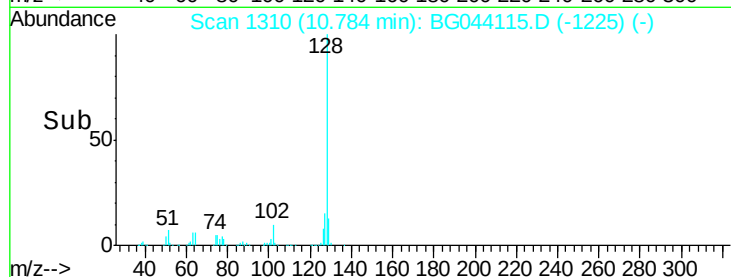
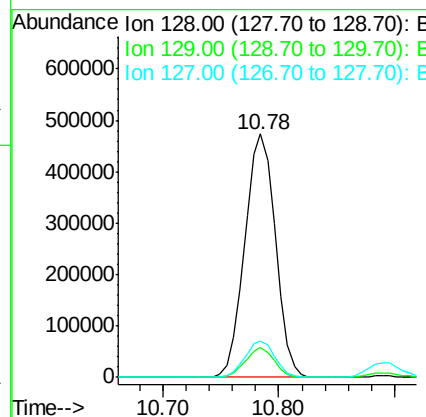
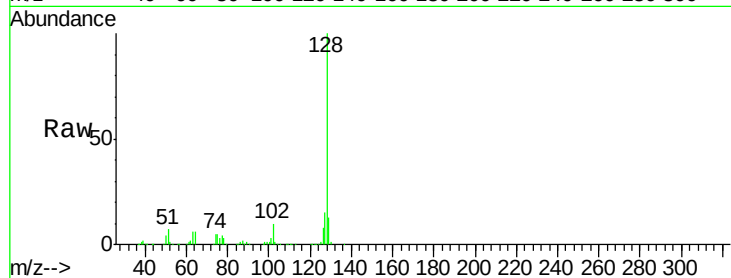
#31
Naphthalene
Concen: 48.390 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampled :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	14.7	12.0	18.0

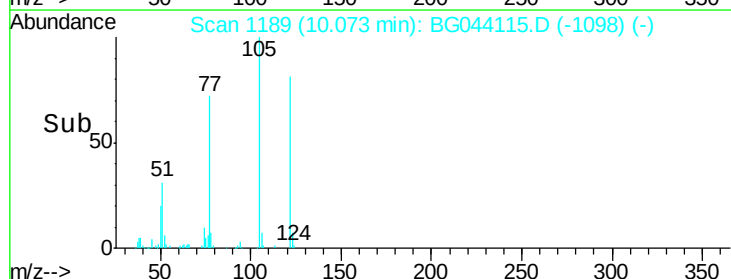
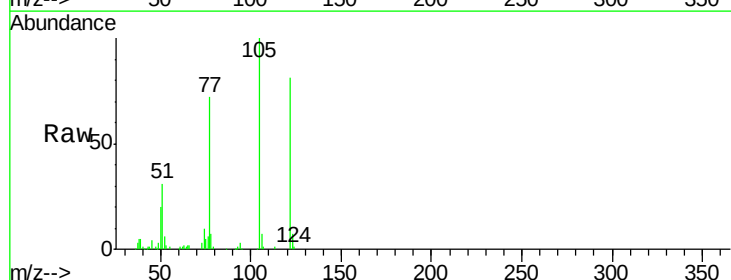
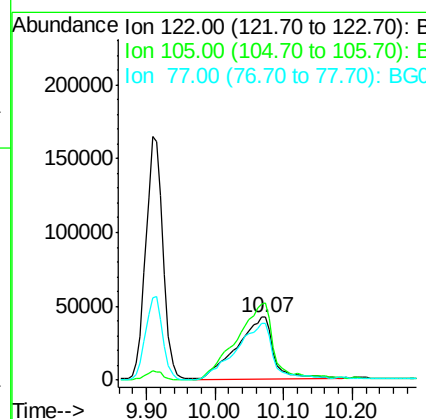
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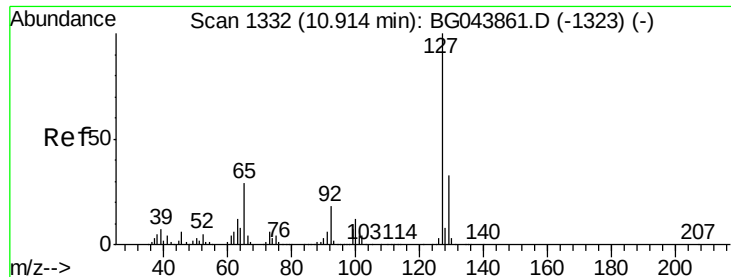
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#32
Benzoic acid
Concen: 40.878 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.4	146.4
77	90.0	74.6	114.6





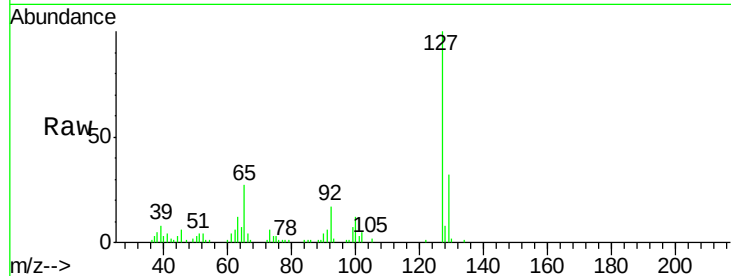
#33
4-Chloroaniline
Concen: 7.328 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

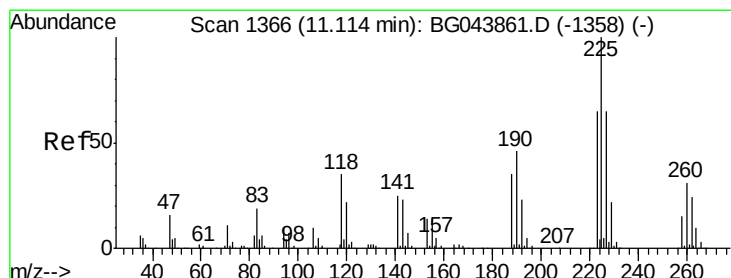
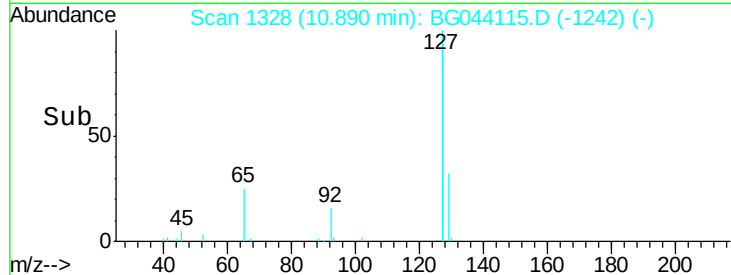
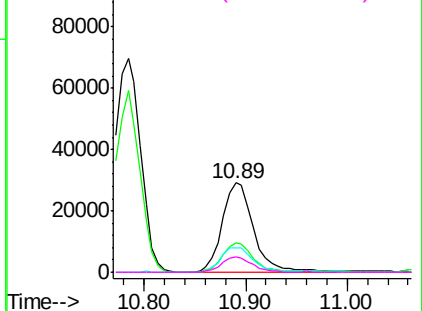
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		62935		
129	32.3	26.6	40.0		
65	27.3	23.3	34.9		
92	17.4	14.7	22.1		

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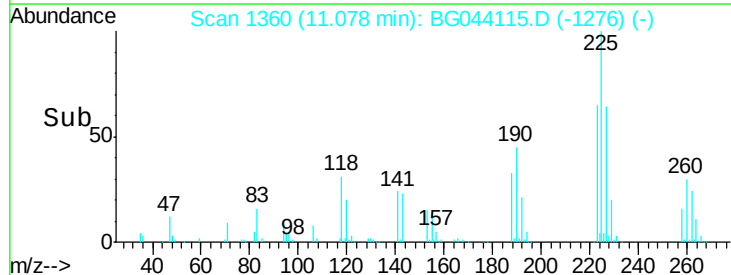
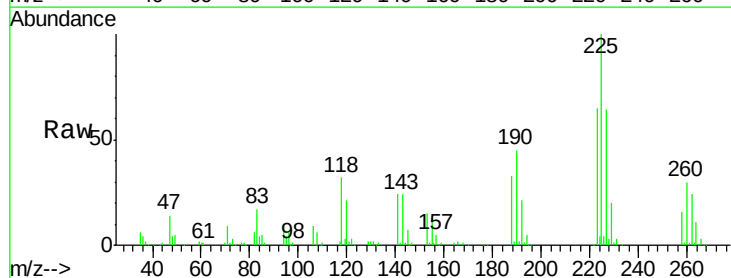
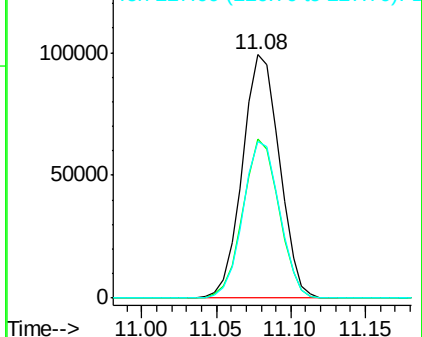
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

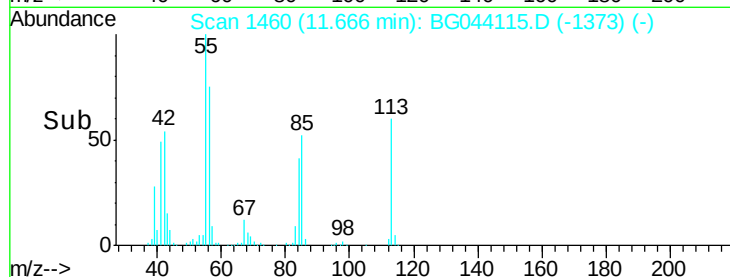
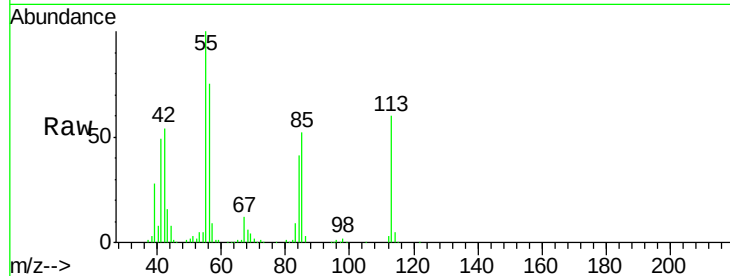
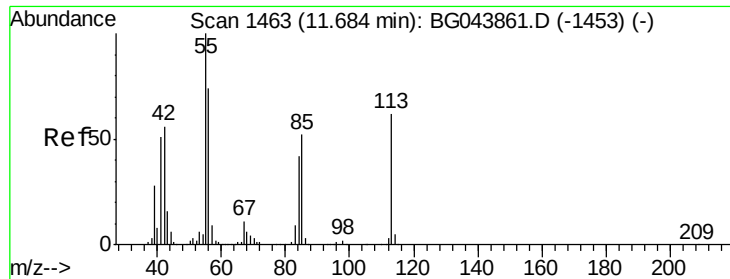


#34
Hexachlorobutadiene
Concen: 42.508 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		170312		
223	65.3	52.2	78.4		
227	64.1	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





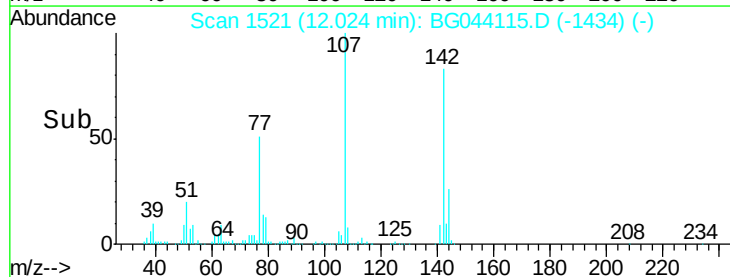
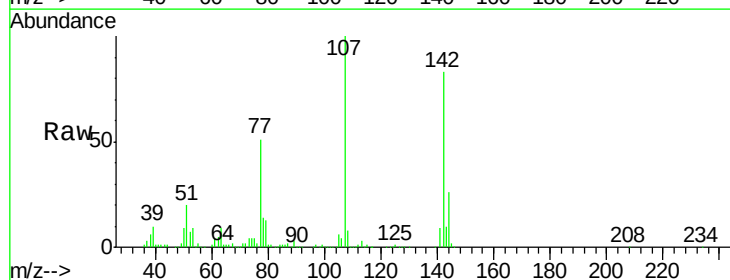
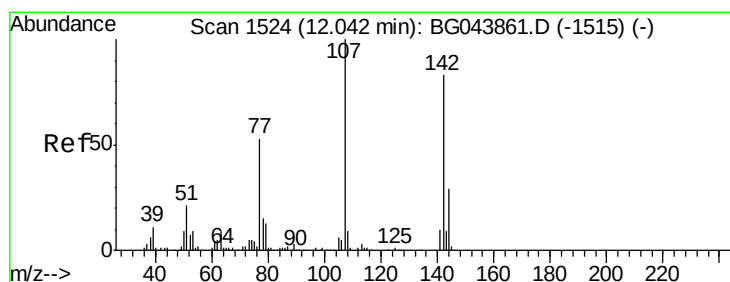
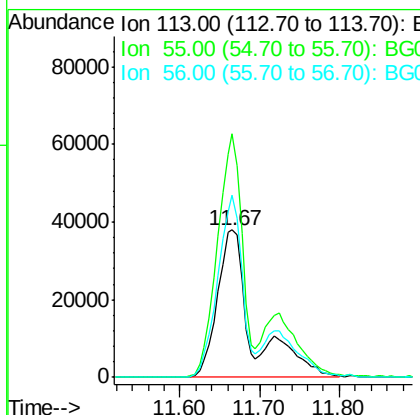
#35
Caprolactam
Concen: 53.436 ng/ml
RT: 11.67 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.3	142.5	182.5
56	123.9	101.4	141.4

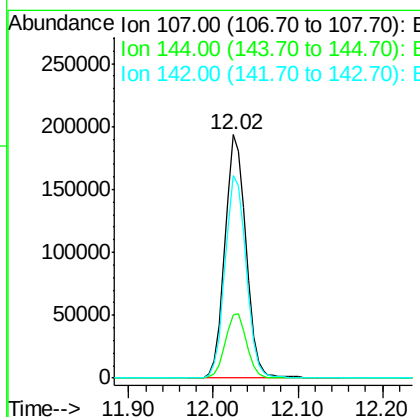
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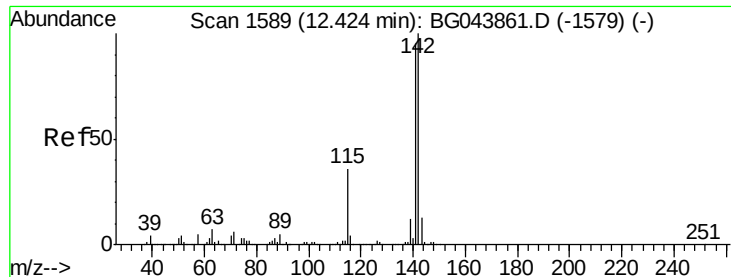
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#36
4-Chloro-3-methylphenol
Concen: 53.474 ng/ml
RT: 12.02 min Scan# 1521
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	23.4	35.2
142	83.4	66.3	99.5





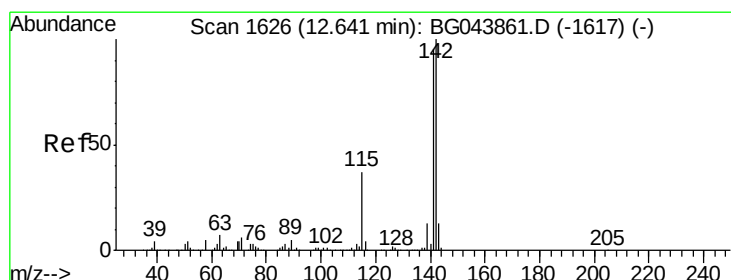
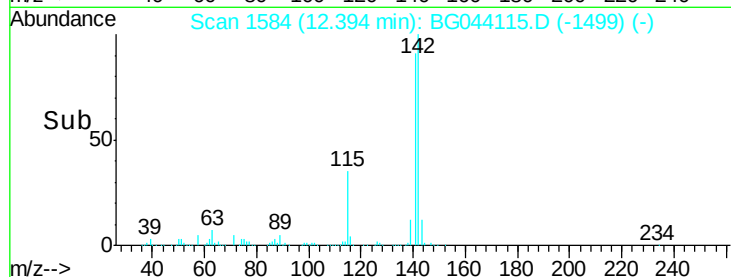
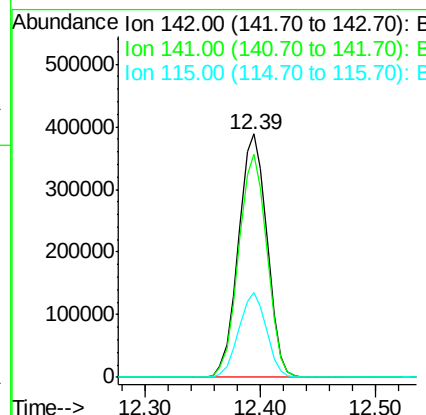
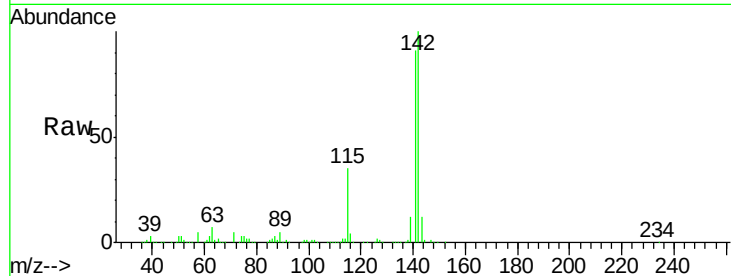
#37
2-Methylnaphthalene
Concen: 48.958 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.8	113.8
115	34.8	28.6	42.8

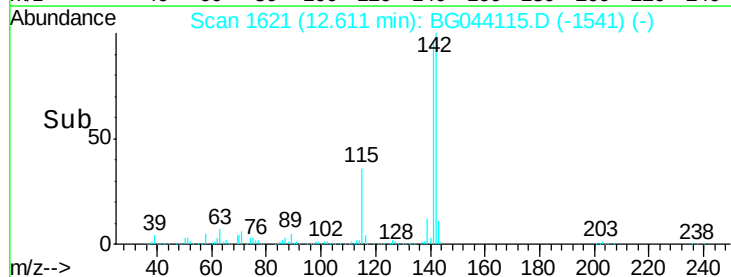
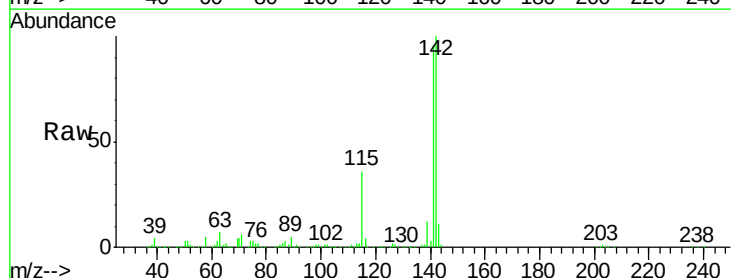
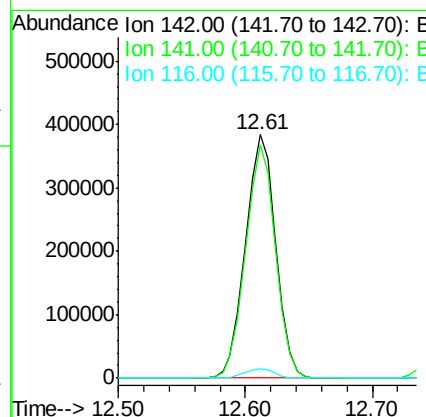
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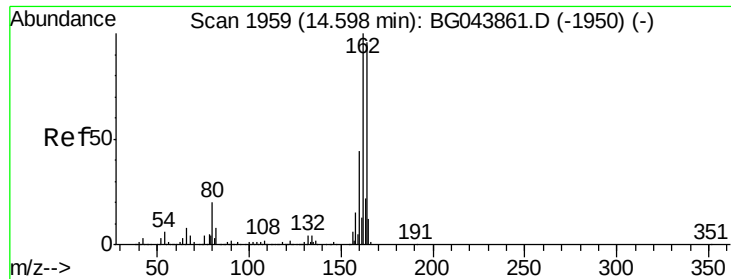
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#38
1-Methylnaphthalene
Concen: 49.304 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.0	114.0
116	3.8	3.1	4.7





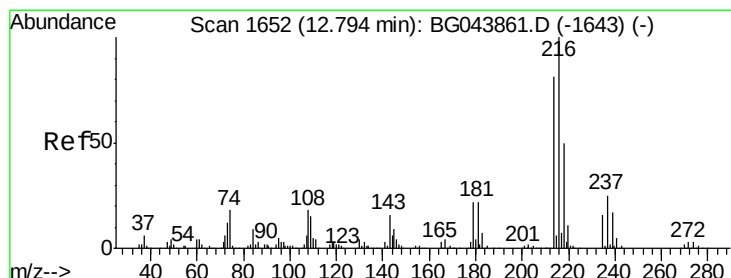
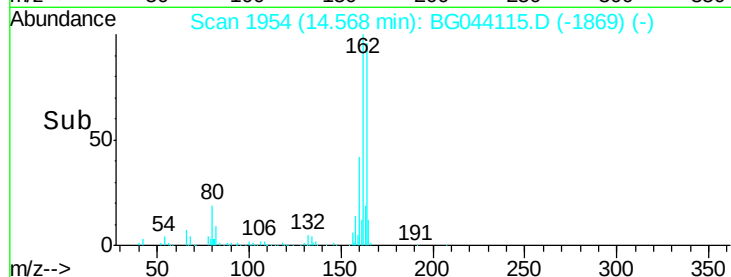
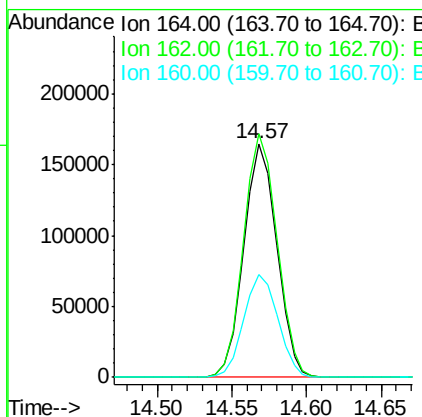
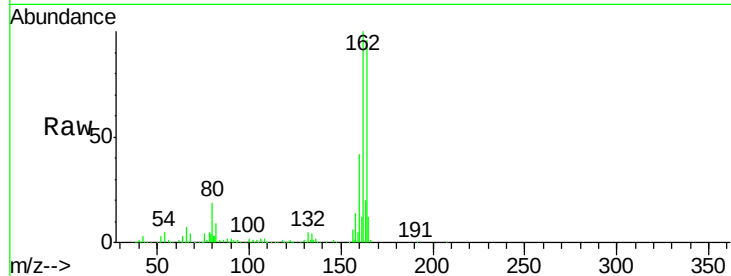
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	252166		
162	104.2	83.0	124.4	
160	44.1	36.1	54.1	

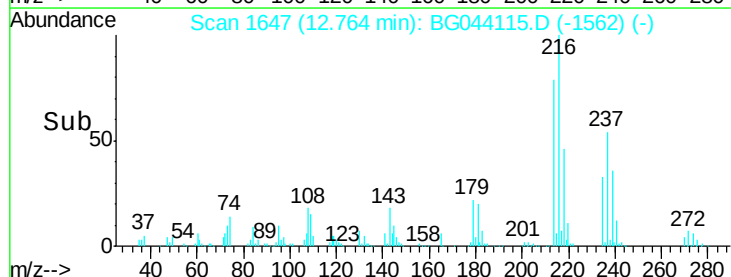
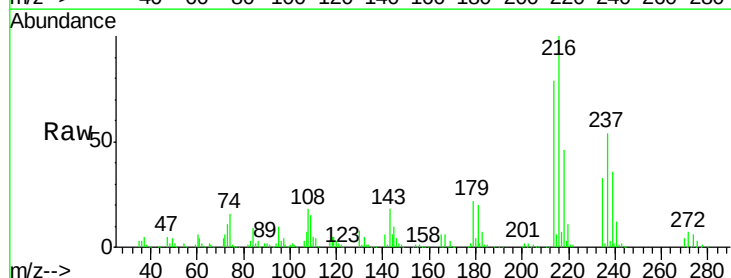
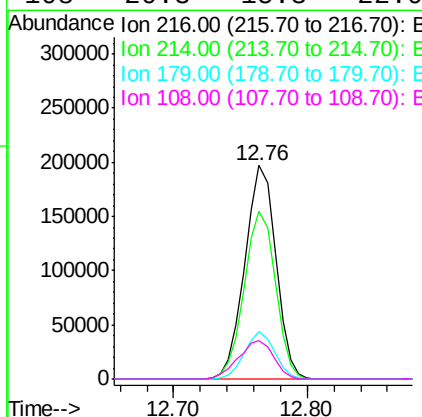
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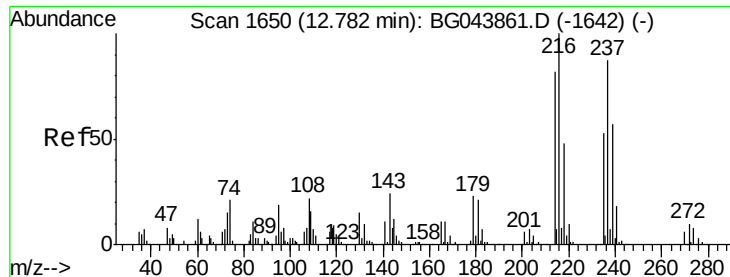
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.814 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	316439		
214	79.1	63.8	95.8	
179	21.6	17.3	25.9	
108	20.3	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 104.873 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

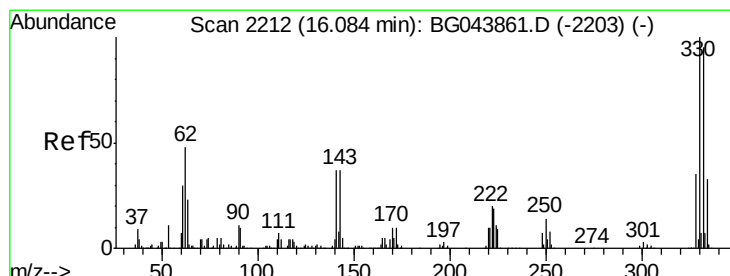
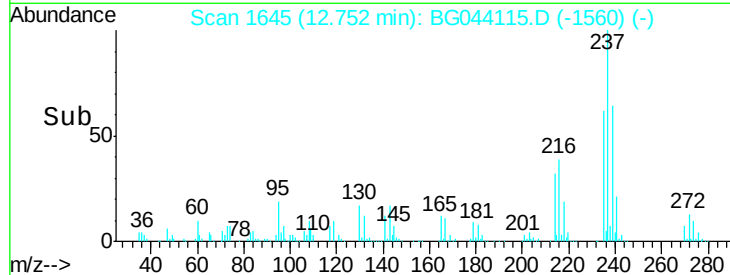
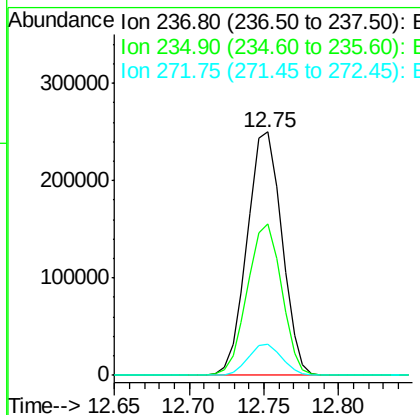
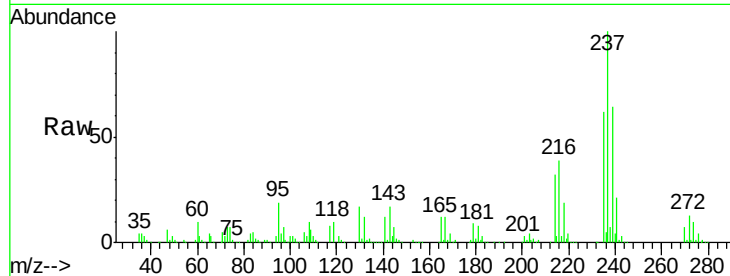
ClientSampleId :

EP-3MSD

Tot Ion:	237	Resp:	401850
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.1	81.1
272	12.8	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 148.921 ng

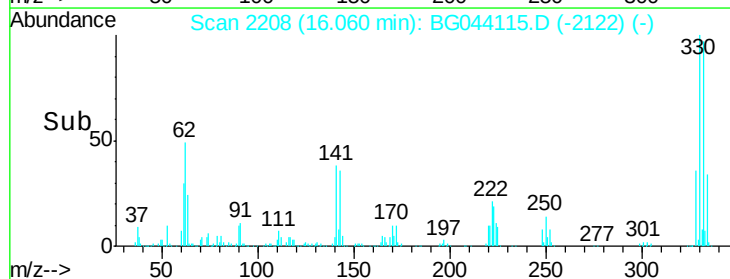
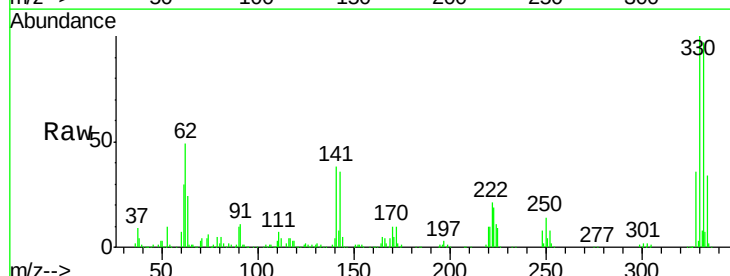
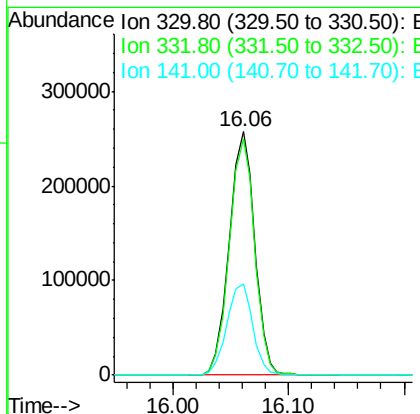
RT: 16.06 min Scan# 2208

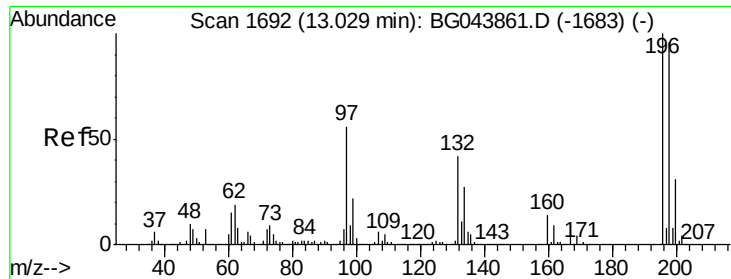
Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:	330	Resp:	392982
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	38.1	33.1	49.7





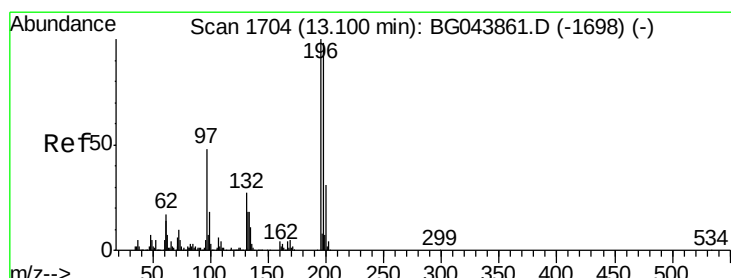
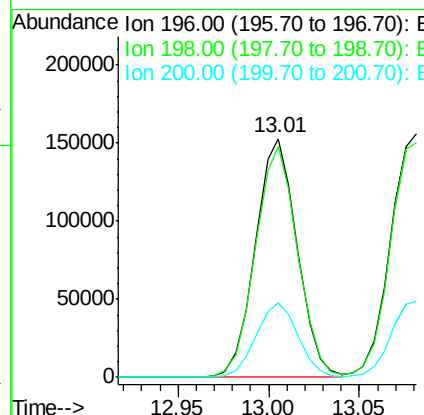
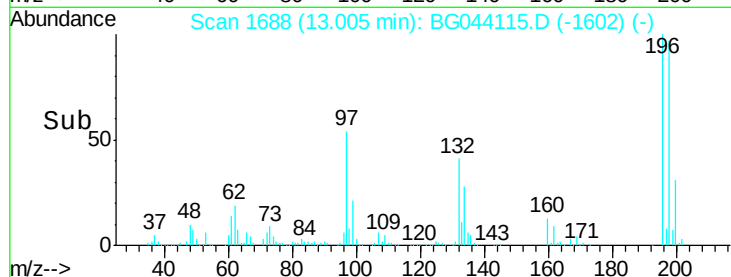
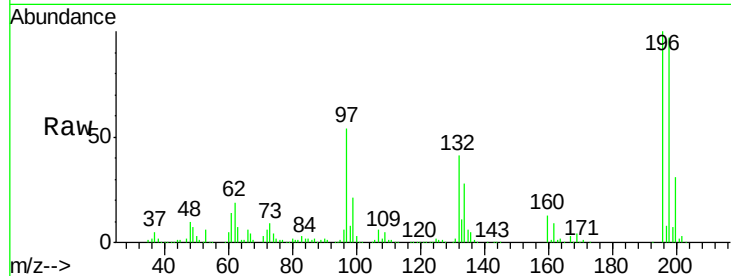
#43
 2,4,6-Trichlorophenol
 Concen: 48.392 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	246102		
198	96.6	76.6	115.0	
200	31.3	24.6	37.0	

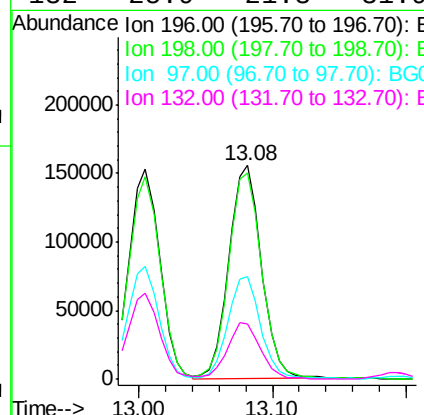
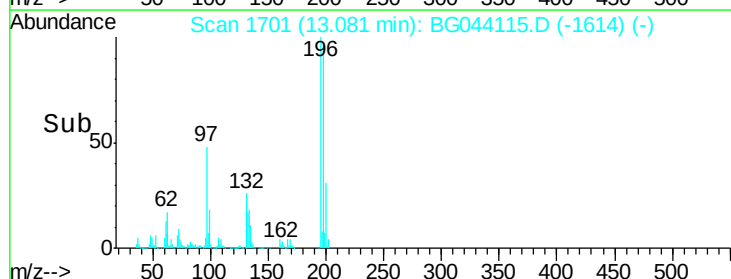
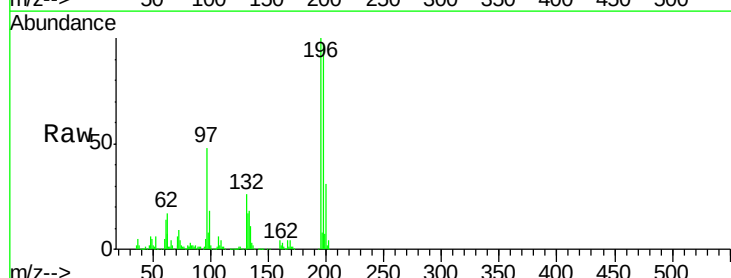
Manual Integrations
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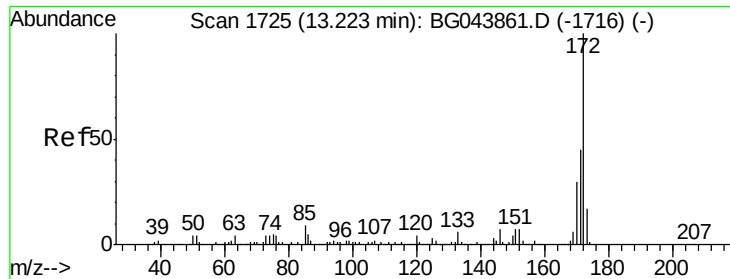
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.631 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265571		
198	96.6	78.3	117.5	
97	47.7	38.8	58.2	
132	25.9	21.3	31.9	





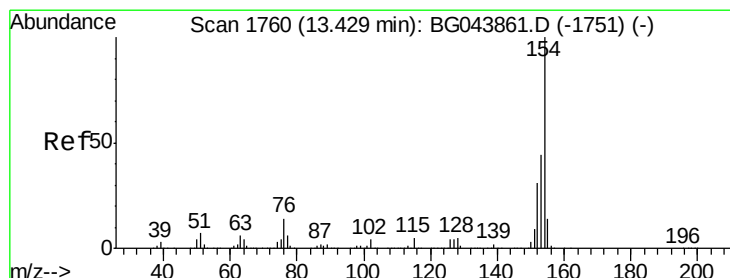
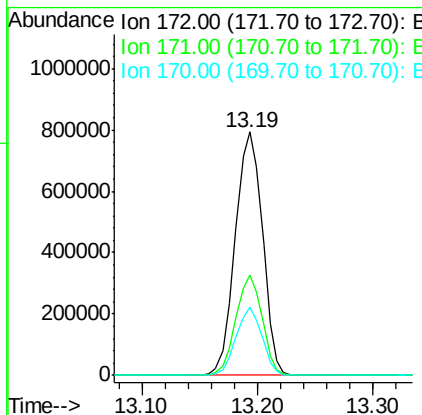
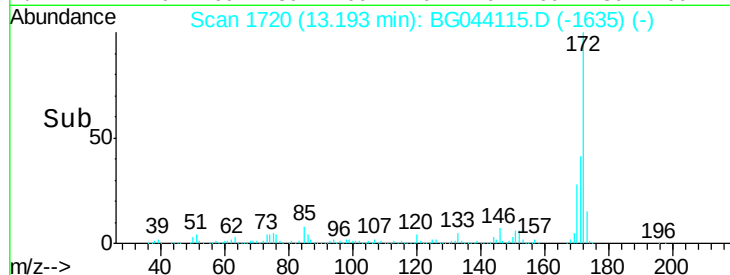
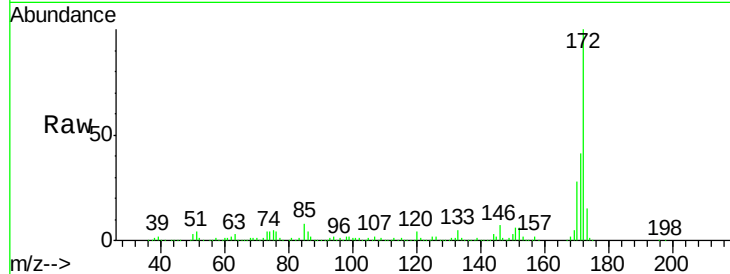
#45
2-Fluorobiphenyl
Concen: 92.891 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.3	35.8	53.8
170	28.1	24.2	36.4

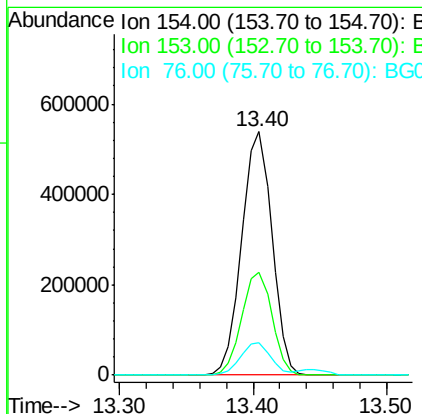
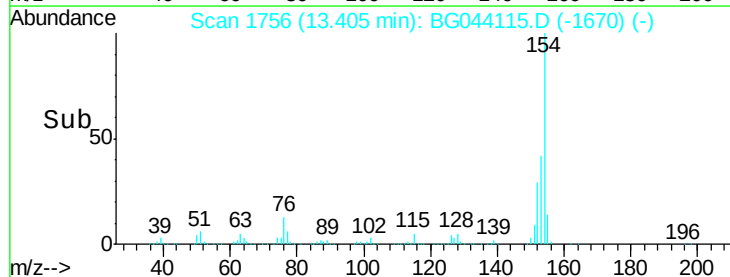
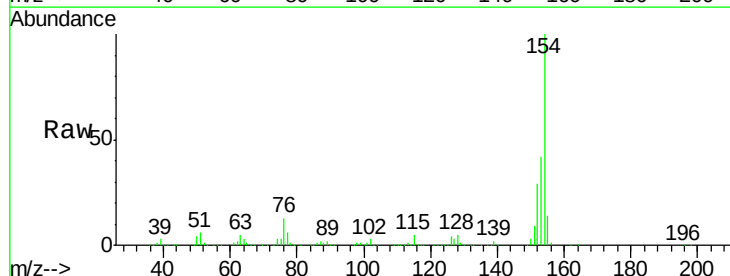
Manual Integrations
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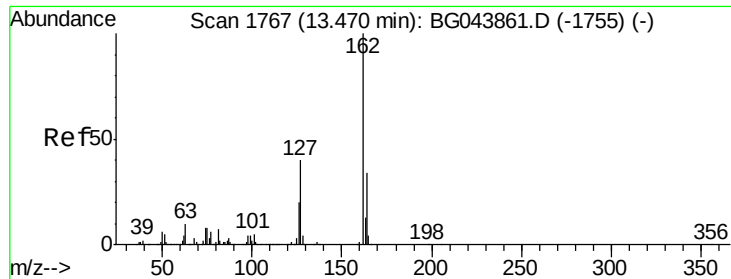
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#46
1,1'-Biphenyl
Concen: 46.669 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.6	63.6
76	13.3	0.0	34.4





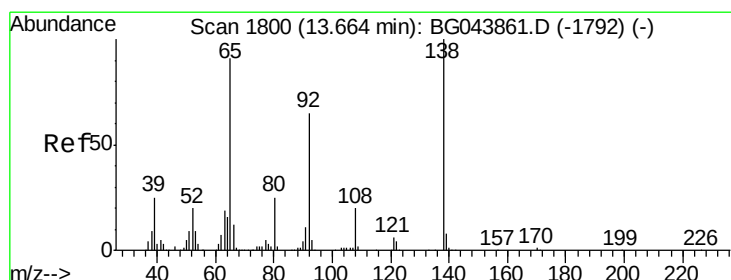
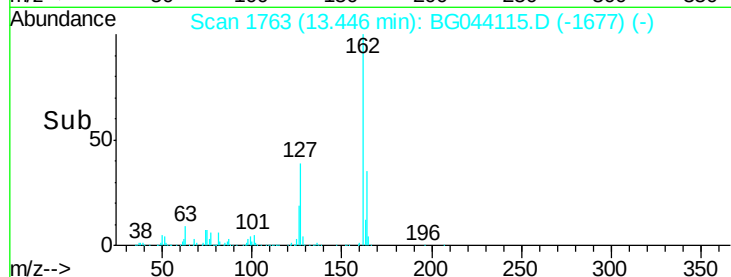
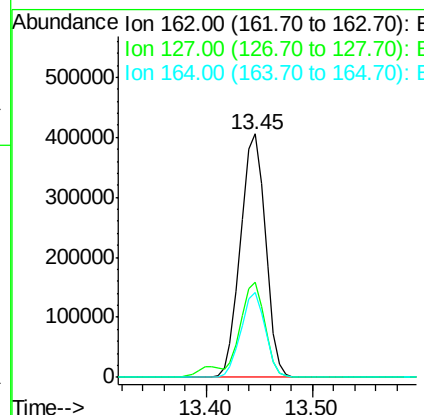
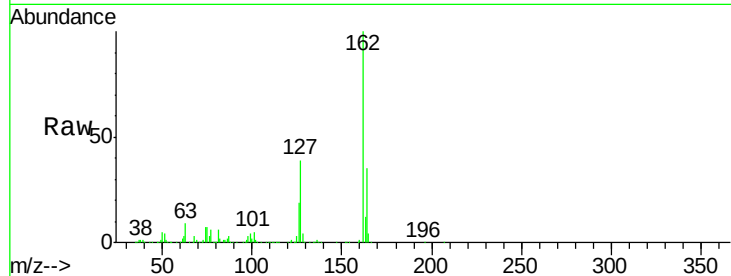
#47
 2-Chloronaphthalene
 Concen: 45.321 ng
 RT: 13.45 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Instrument :
 BNA_G
 ClientSampled :
 EP-3MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	32.1	48.1
164	35.1	27.5	41.3

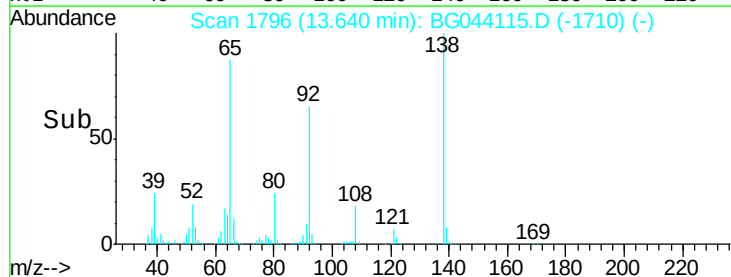
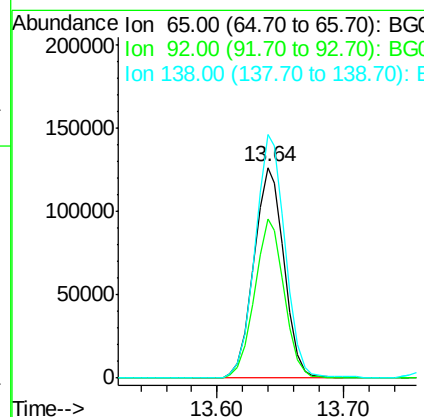
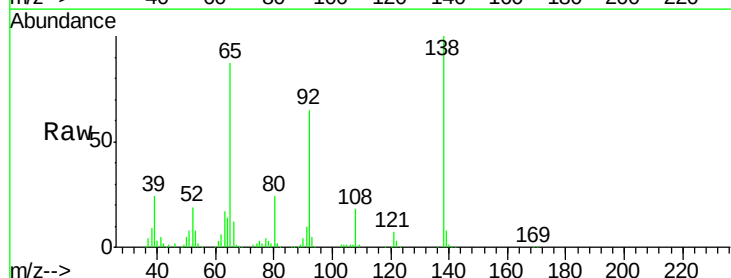
Manual Integrations
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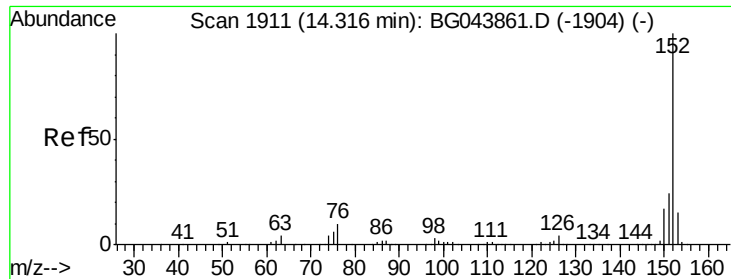
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#48
 2-Nitroaniline
 Concen: 44.511 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	75.3	57.4	86.2
138	115.4	88.2	132.4





#49

Acenaphthylene

Concen: 50.652 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

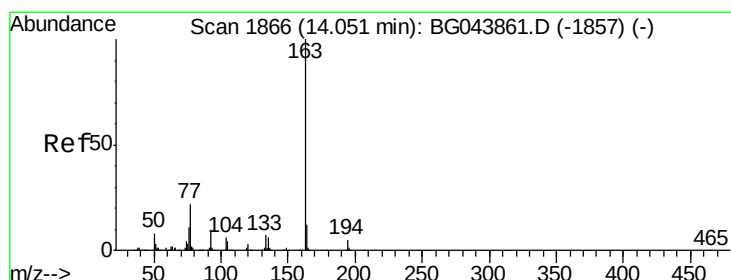
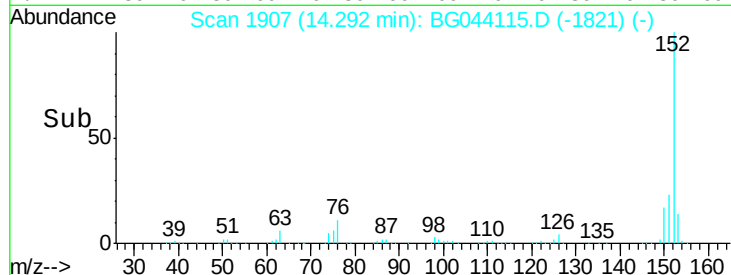
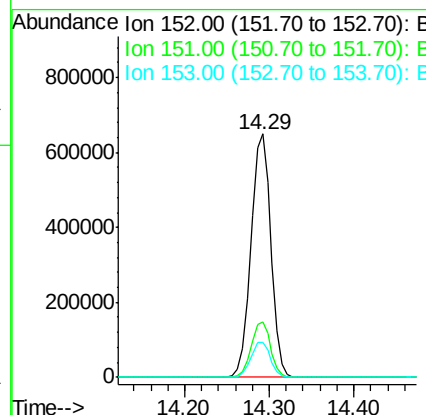
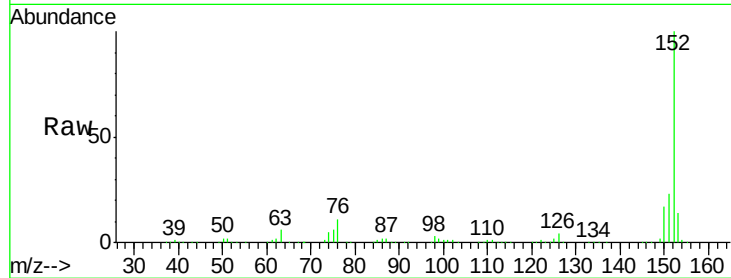
ClientSampleId :

EP-3MSD

Tot Ion:	152	Resp:	1063617
Ion	Ratio	Lower	Upper
152	100		
151	22.8	19.4	29.2
153	14.4	12.0	18.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 54.045 ng

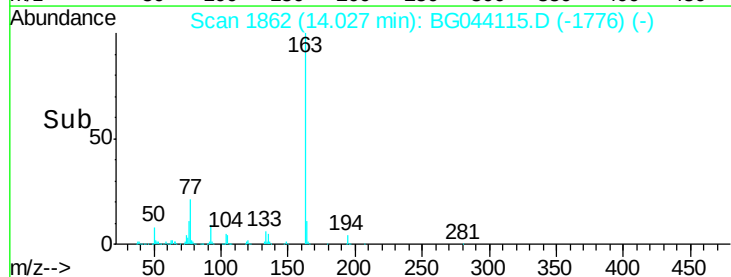
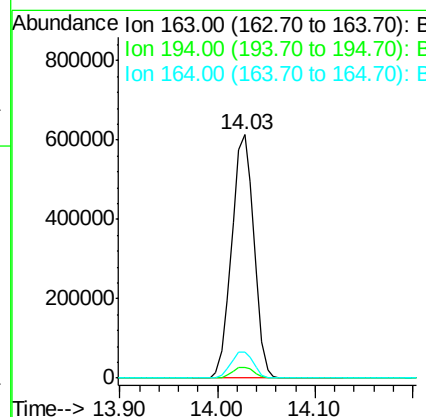
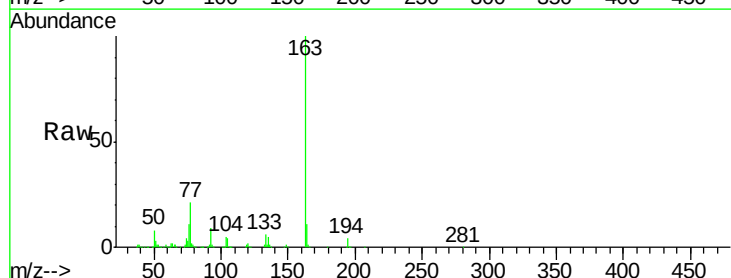
RT: 14.03 min Scan# 1862

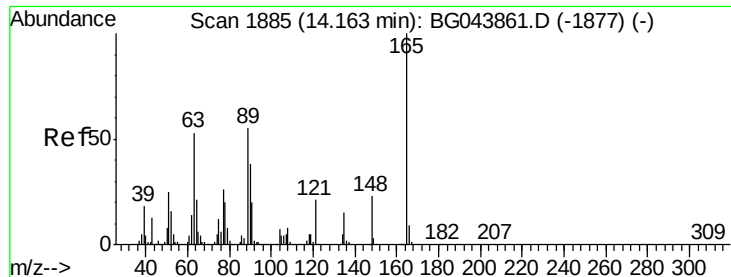
Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:	163	Resp:	967668
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.8	9.3	13.9





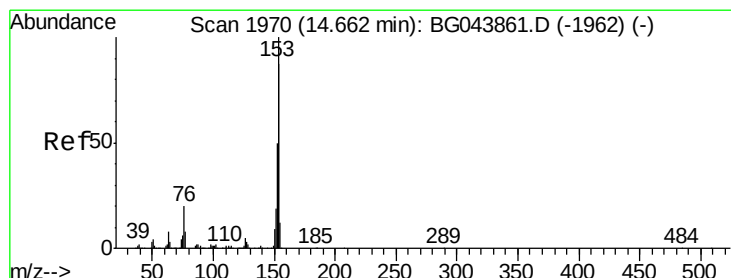
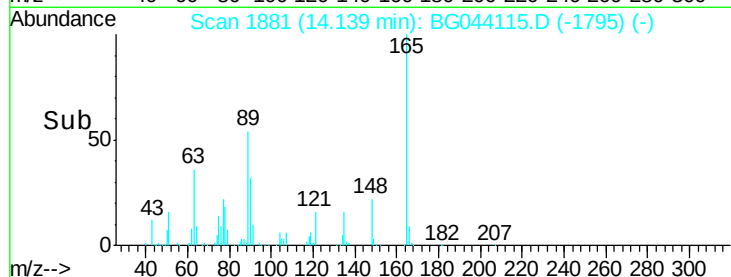
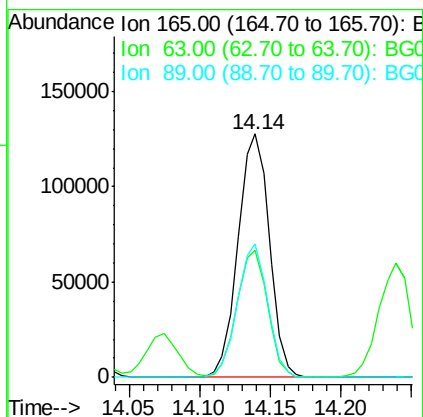
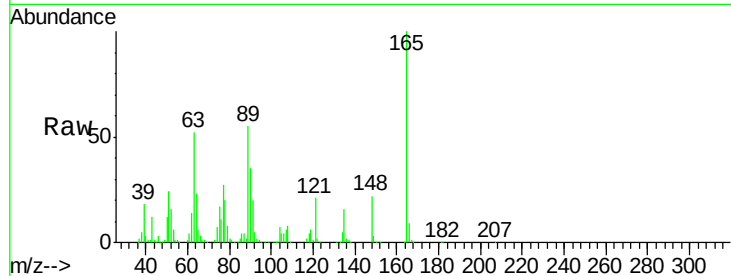
#51
2,6-Dinitrotoluene
Concen: 49.000 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198298		
63	52.0		43.1	64.7
89	54.8		43.8	65.6

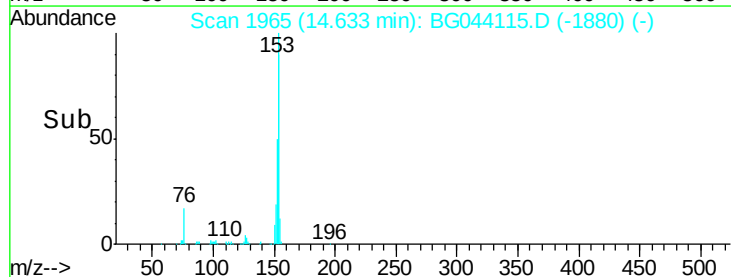
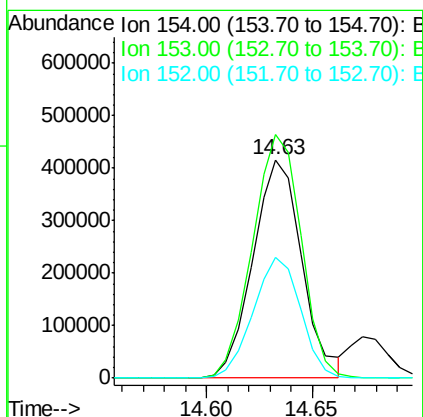
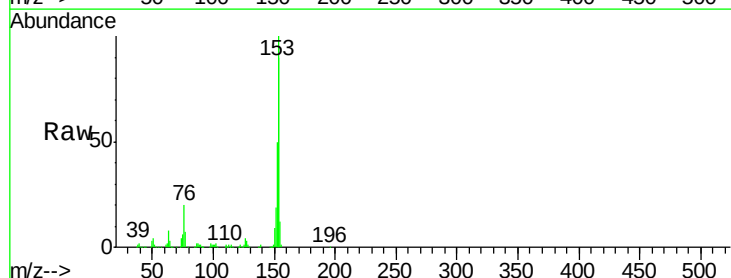
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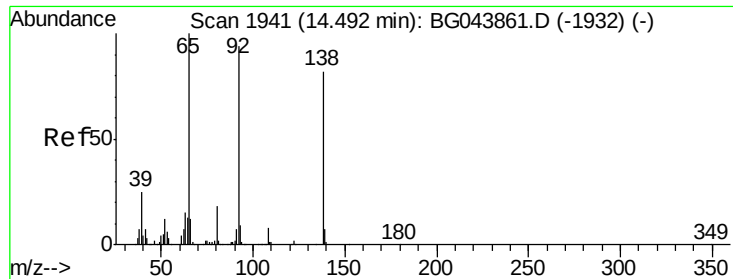
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#52
Acenaphthene
Concen: 45.578 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	671175		
153	111.4		91.6	137.4
152	55.3		45.4	68.0





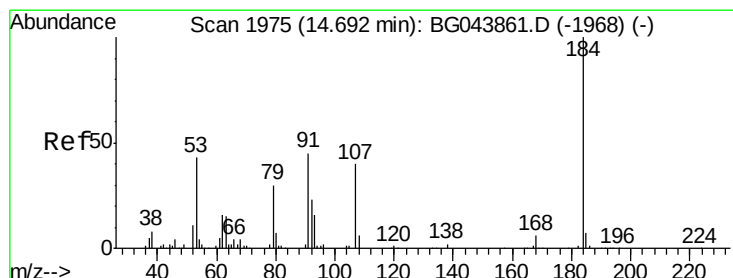
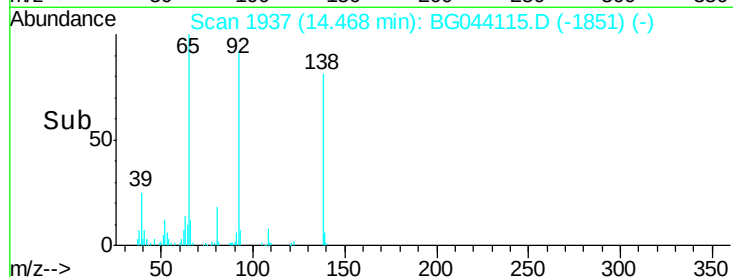
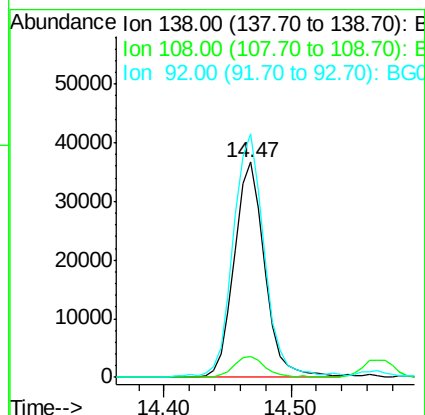
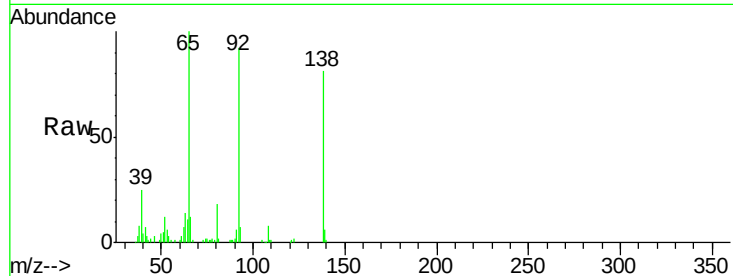
#53
3-Nitroaniline
Concen: 13.258 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampled :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	113.3	92.1	138.1

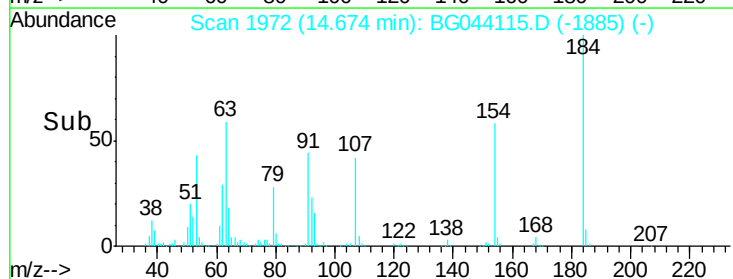
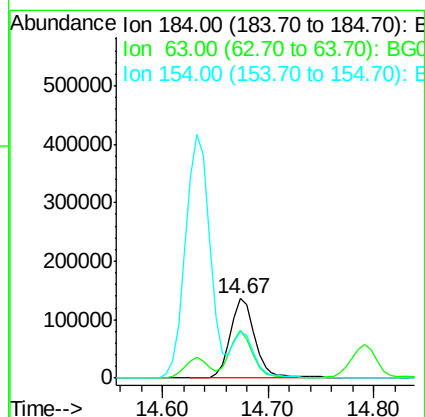
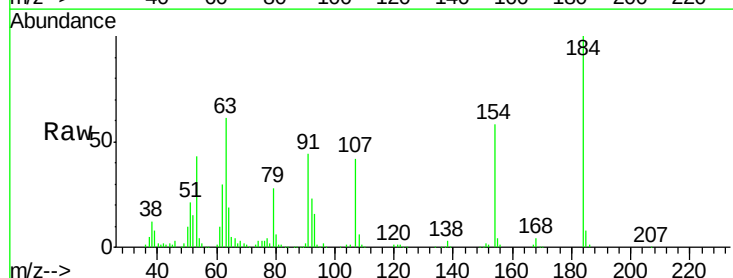
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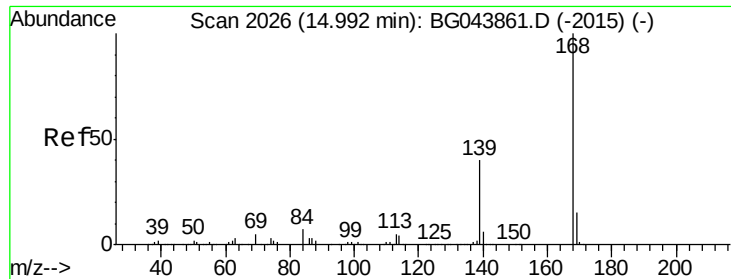
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#54
2,4-Dinitrophenol
Concen: 105.183 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	46.6	70.0
154	58.5	50.2	75.4





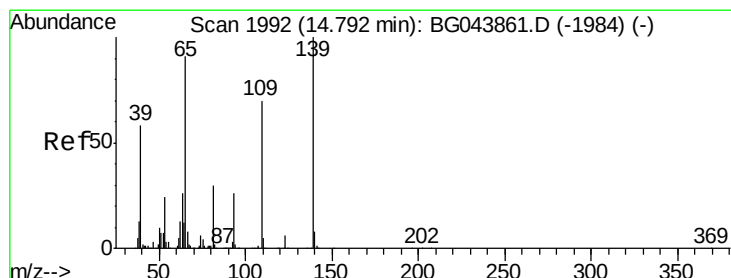
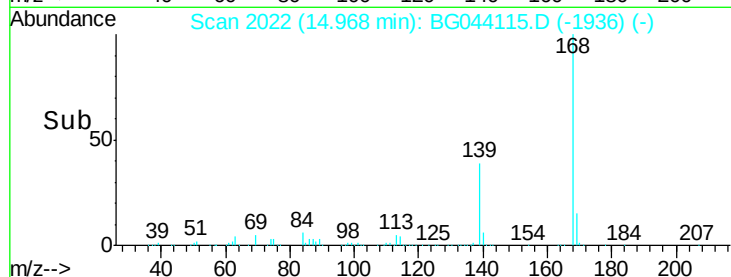
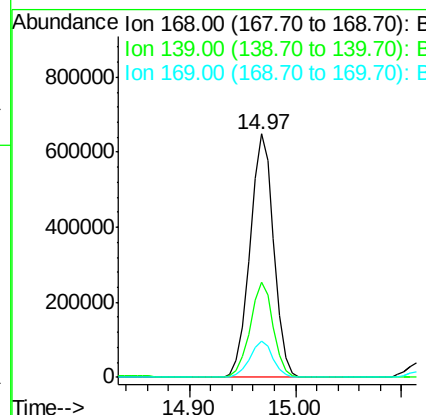
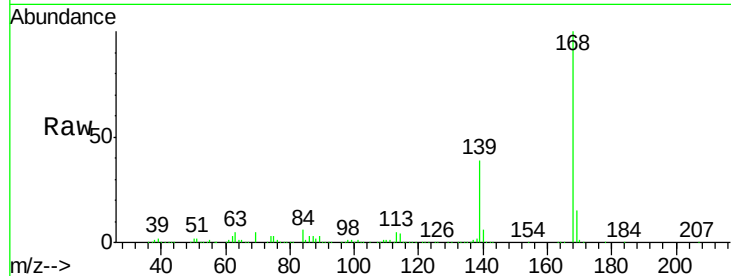
#55
Dibenzofuran
Concen: 49.644 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.2	48.2
169	14.9	12.2	18.2

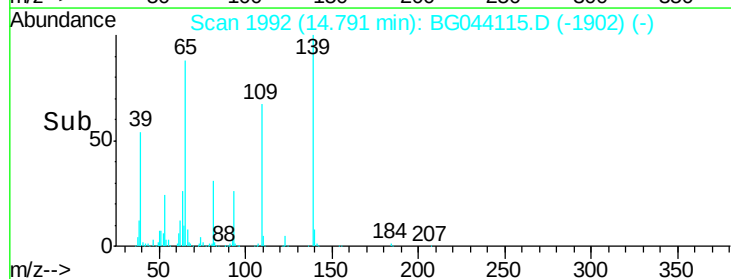
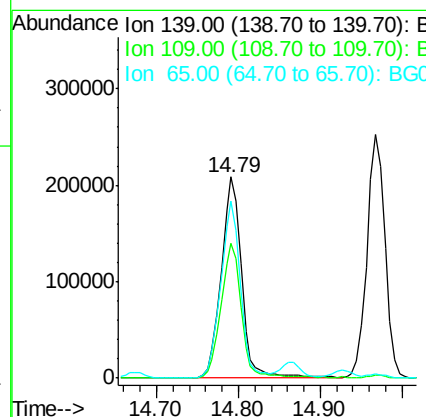
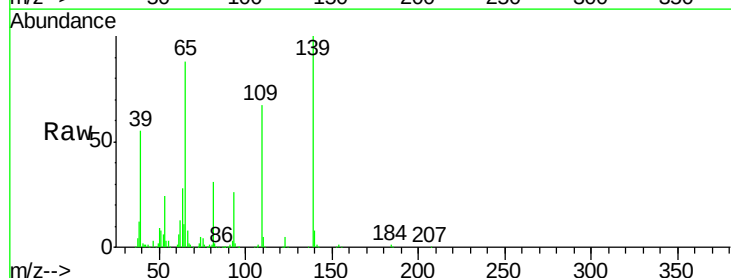
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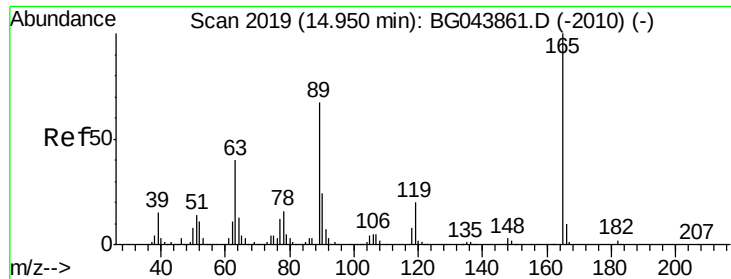
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#56
4-Nitrophenol
Concen: 103.546 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	50.4	90.4
65	87.7	71.4	111.4





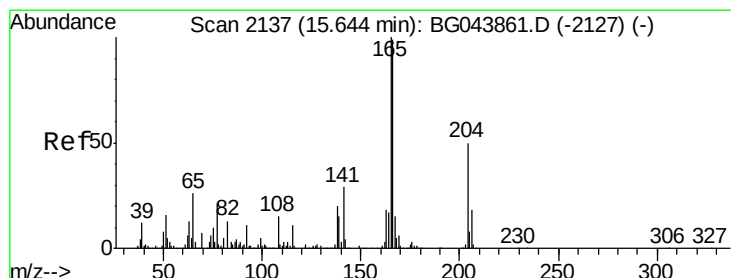
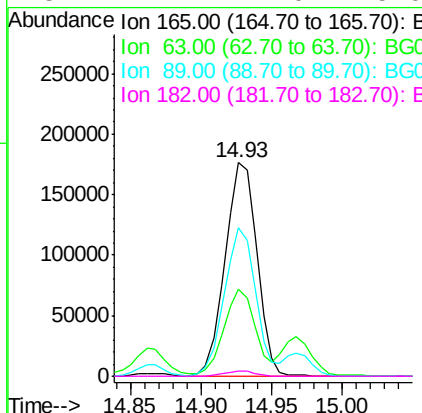
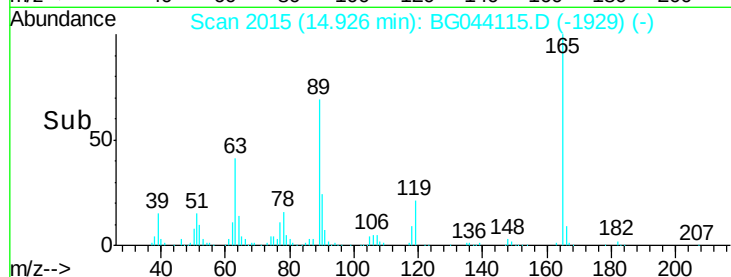
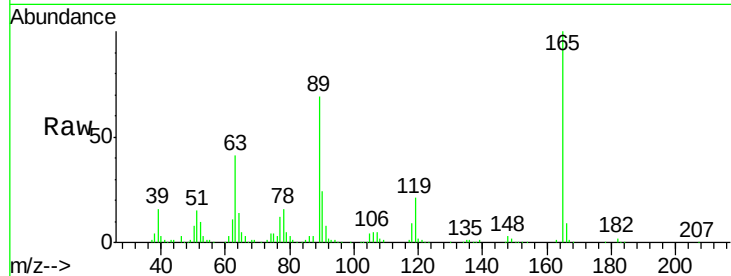
#57
2,4-Dinitrotoluene
Concen: 50.427 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		277679		
63	40.9		31.9	47.9	
89	69.4		53.8	80.6	
182	2.4		2.0	3.0	

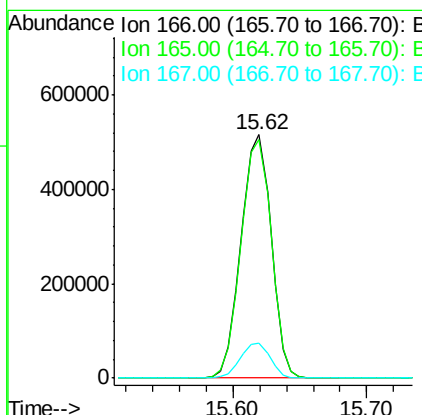
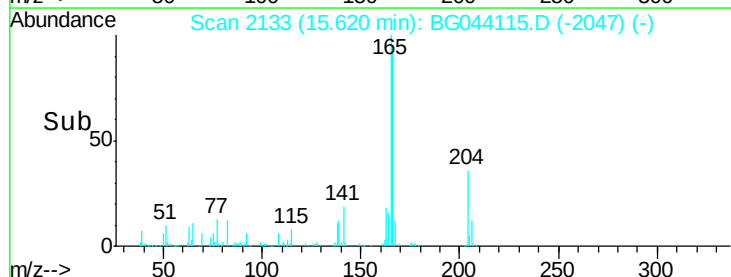
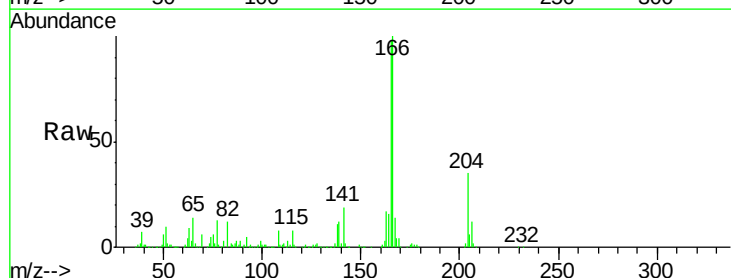
Manual Integrations
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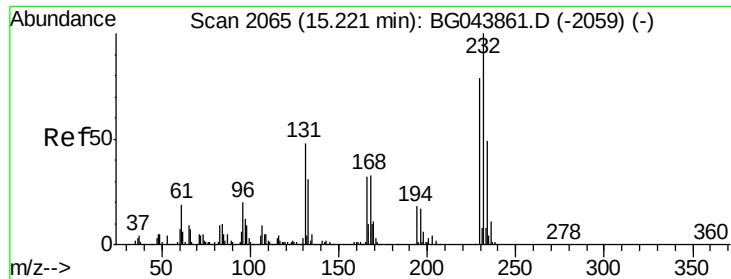
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#58
Fluorene
Concen: 50.050 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		804191		
165	98.1		80.8	121.2	
167	14.3		12.1	18.1	





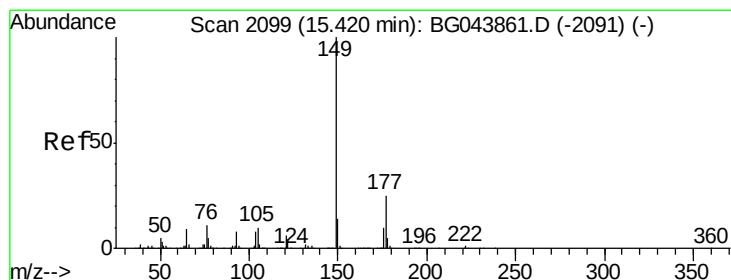
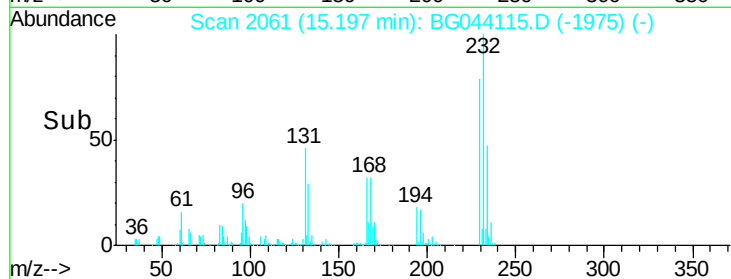
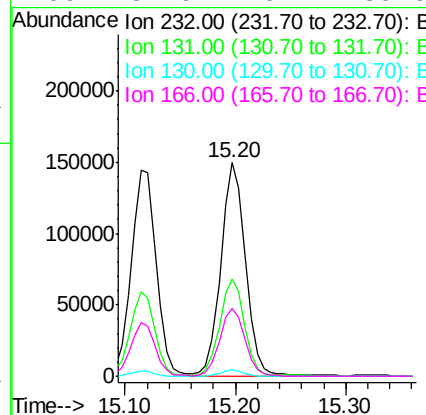
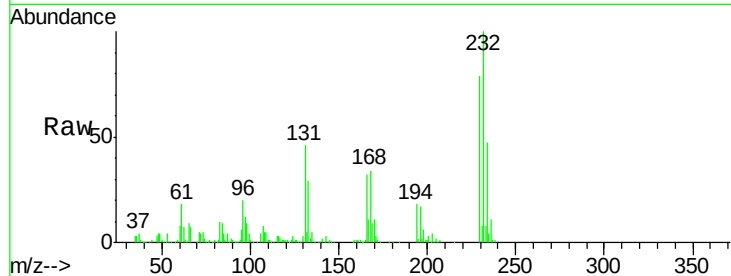
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.222 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	231024		
131	45.3		38.2	57.2
130	2.7		2.2	3.2
166	32.9		26.4	39.6

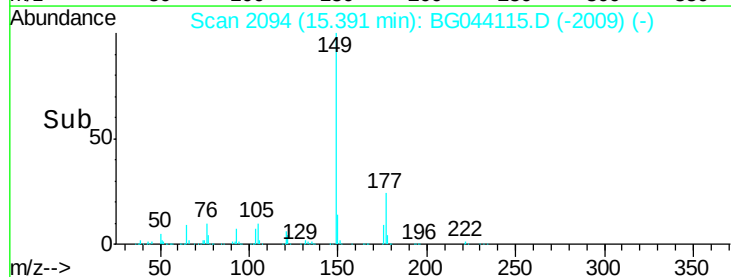
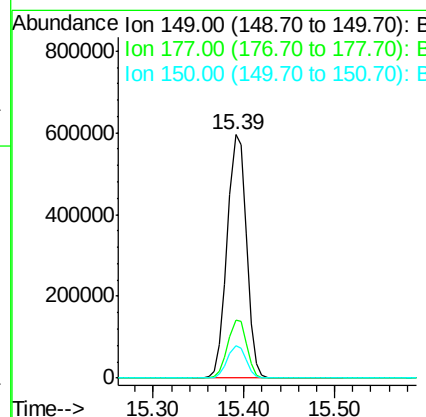
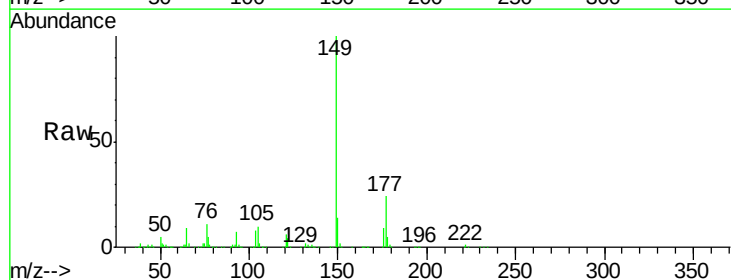
Manual Integrations
APPROVED

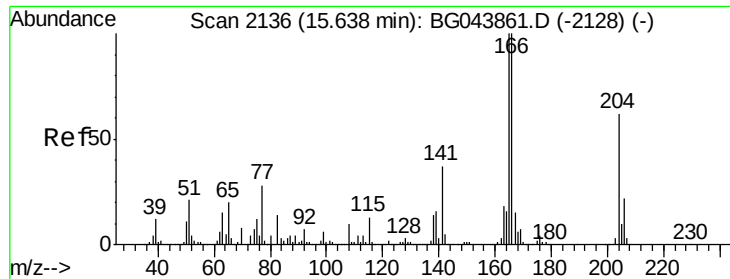
mohammad
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#60
Diethylphthalate
Concen: 48.857 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	874945		
177	23.8		20.0	30.0
150	13.5		11.1	16.7





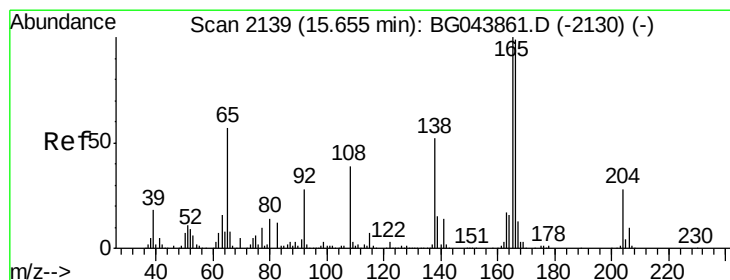
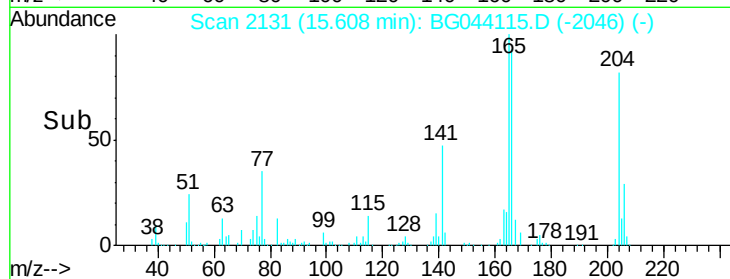
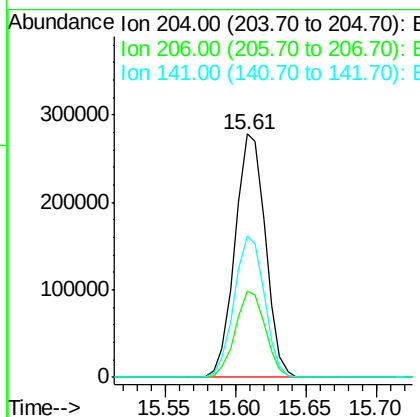
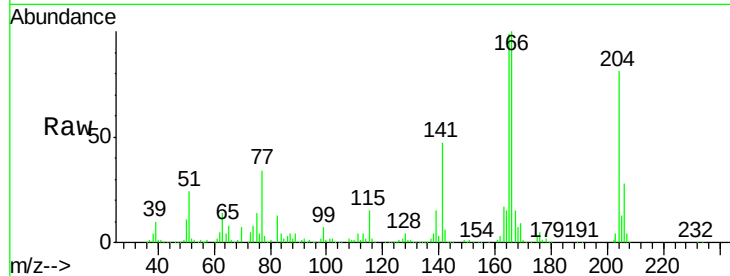
#61
 4-Chlorophenyl-phenylether
 Concen: 47.935 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Instrument :
 BNA_G
 ClientSampled :
 EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	418219		
206	35.1	28.2	42.2	
141	57.9	48.2	72.2	

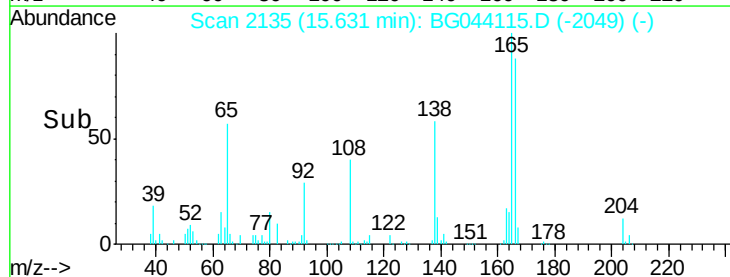
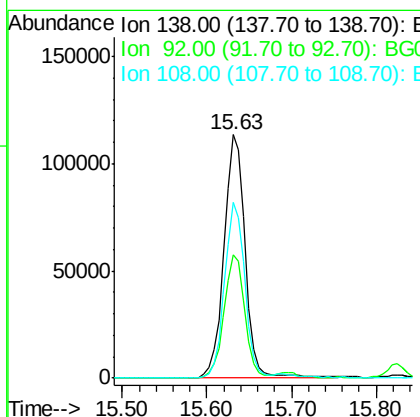
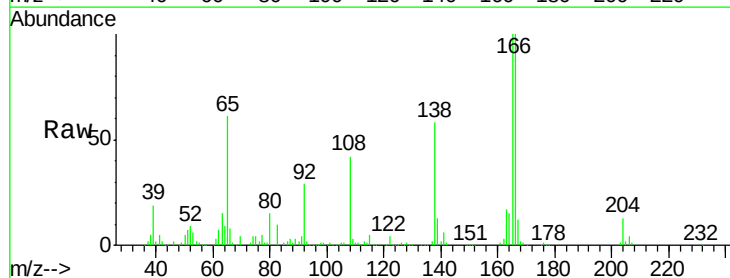
Manual Integrations
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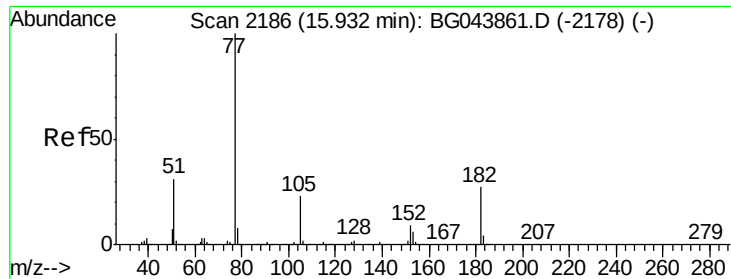
mohammad
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#62
 4-Nitroaniline
 Concen: 43.105 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	195623		
92	50.8	34.3	74.3	
108	72.2	55.0	95.0	





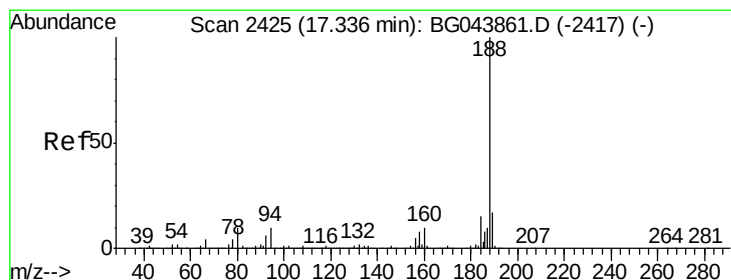
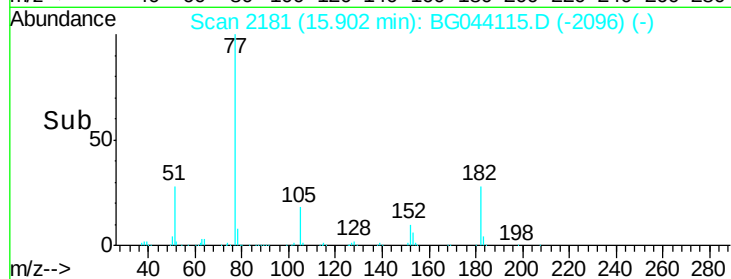
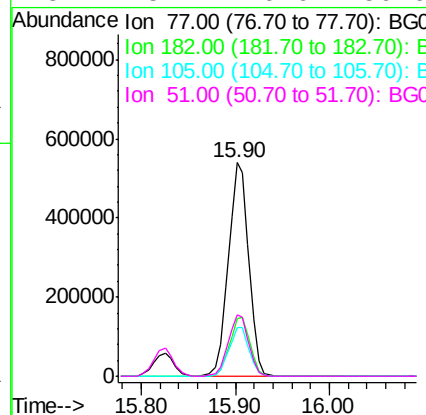
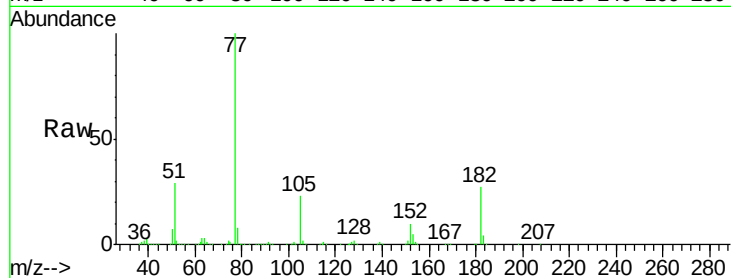
#63
Azobenzene
Concen: 49.202 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	7.3	47.3	
105	22.7	3.2	43.2	
51	28.7	10.6	50.6	

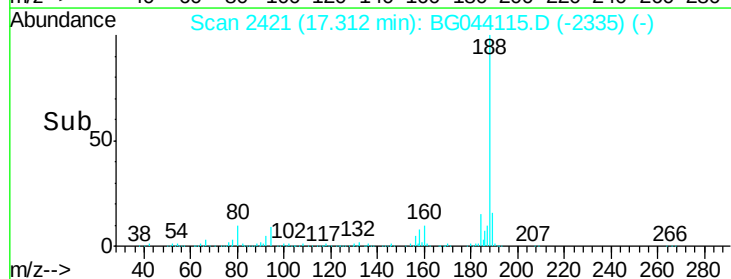
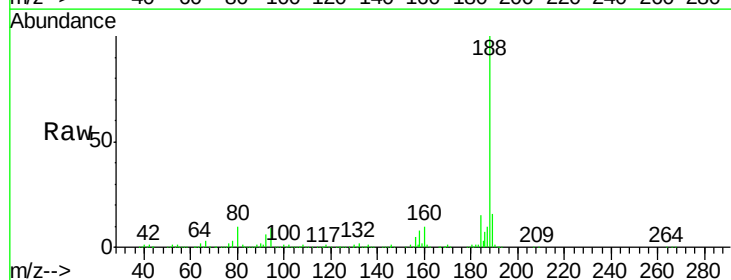
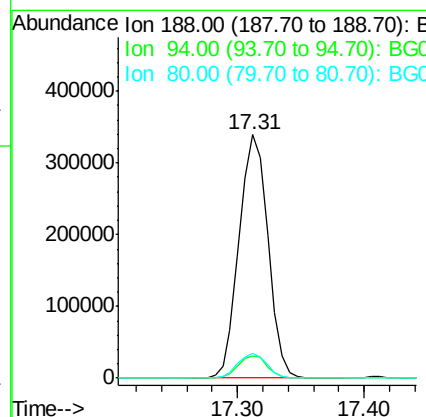
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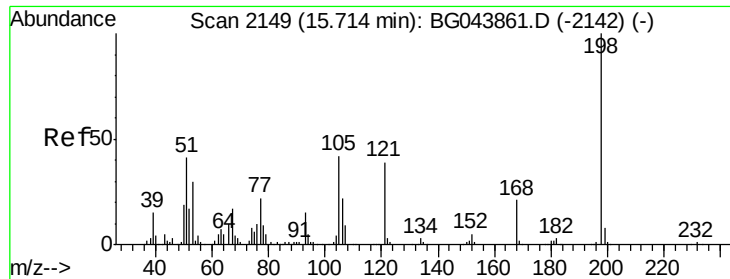
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.9	11.9	
80	10.0	8.2	12.4	





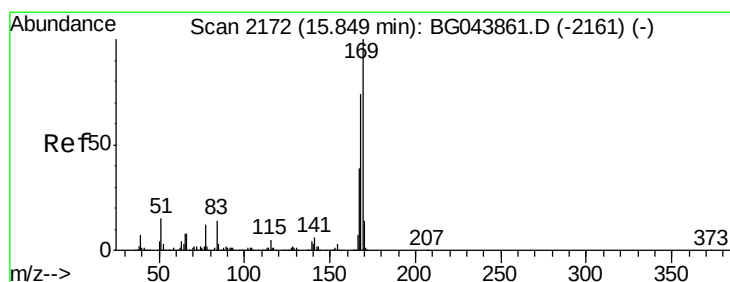
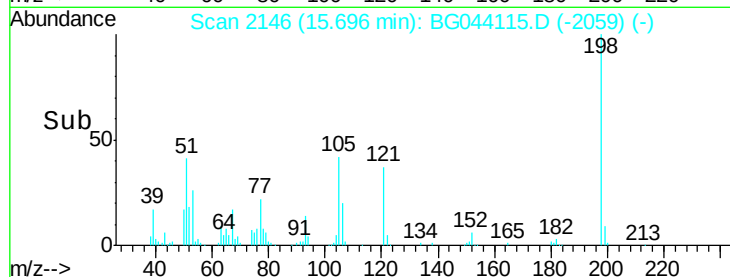
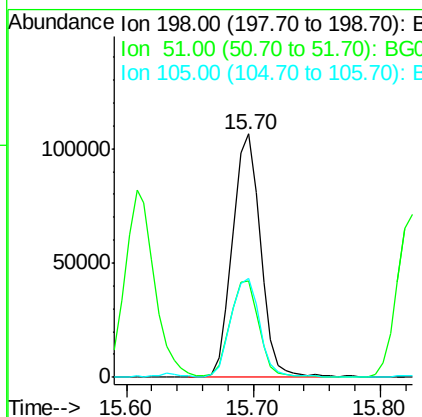
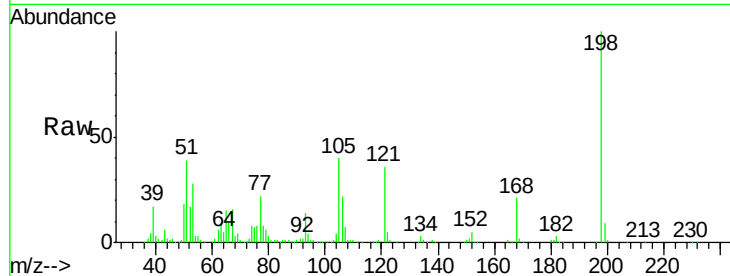
#65
4,6-Dinitro-2-methylphenol
Concen: 58.071 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampled :
EP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	163023		
51	39.5		22.5	62.5
105	40.4		22.3	62.3

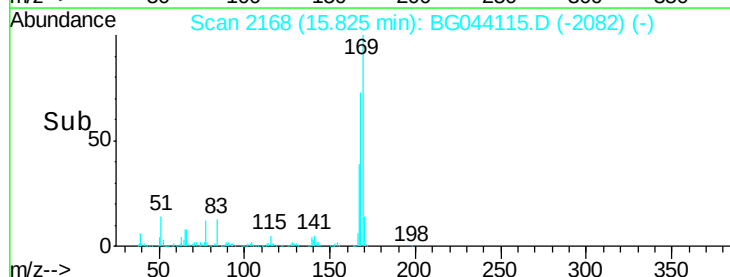
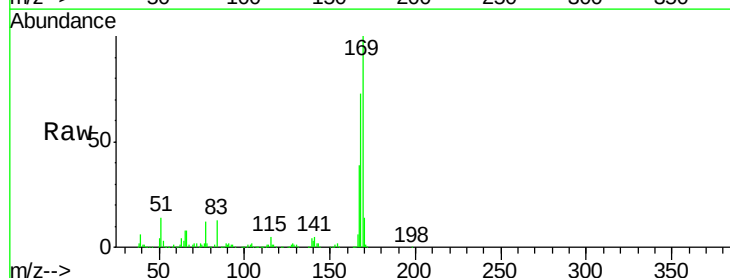
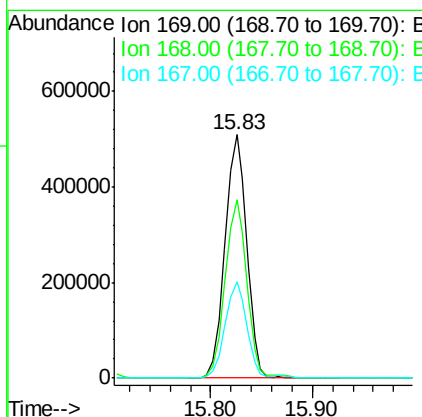
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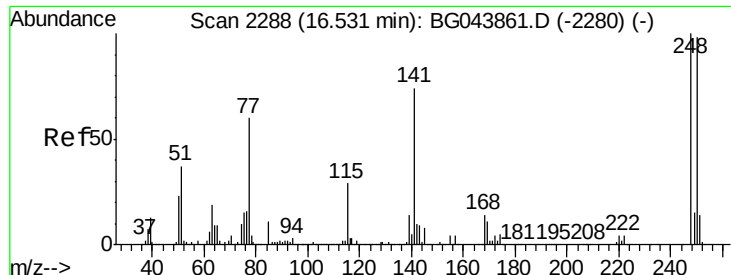
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#66
n-Nitrosodiphenylamine
Concen: 47.934 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	755939		
168	73.2		59.0	88.6
167	39.4		31.4	47.0





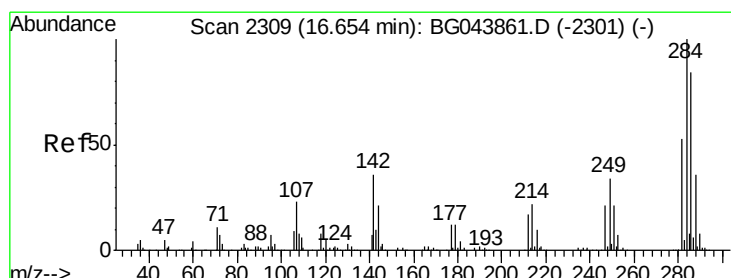
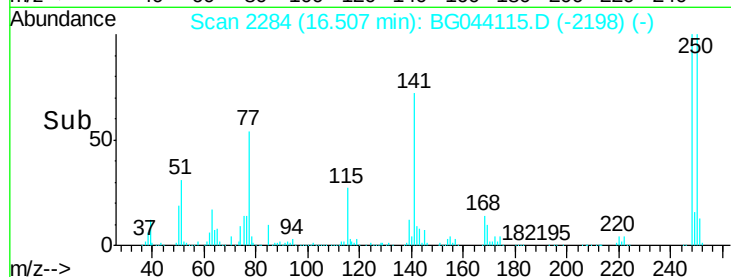
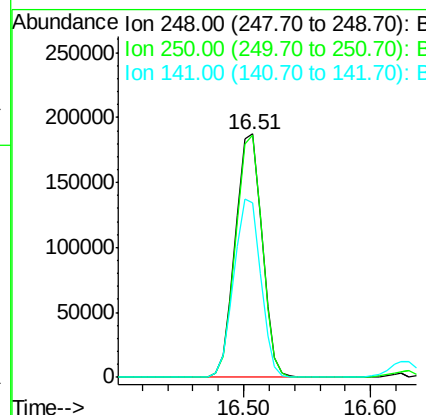
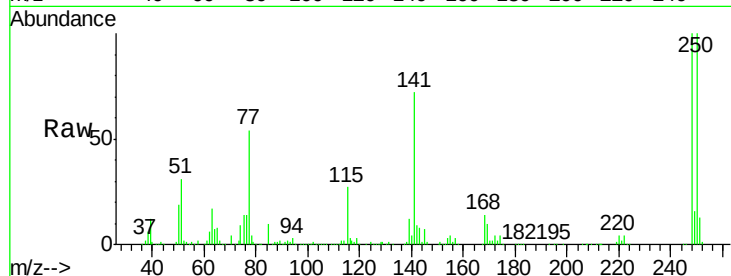
#67
4-Bromophenyl-phenylether
Concen: 45.349 ng
RT: 16.51 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampled :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.2	117.2
141	71.7	59.3	88.9

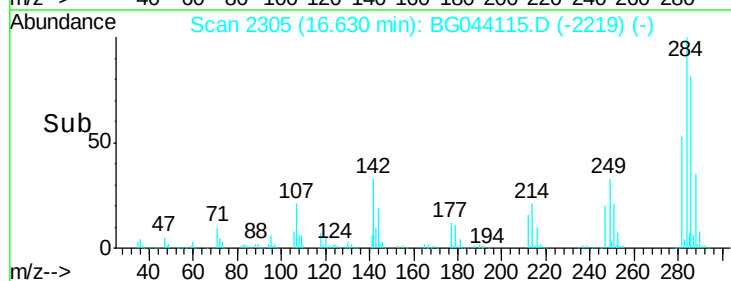
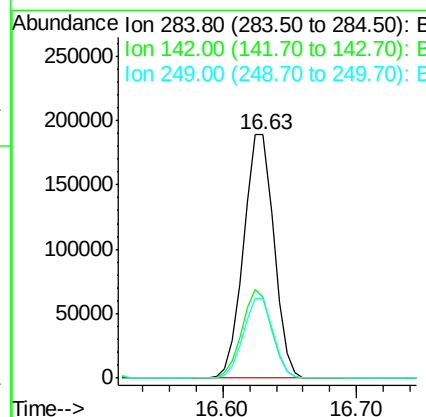
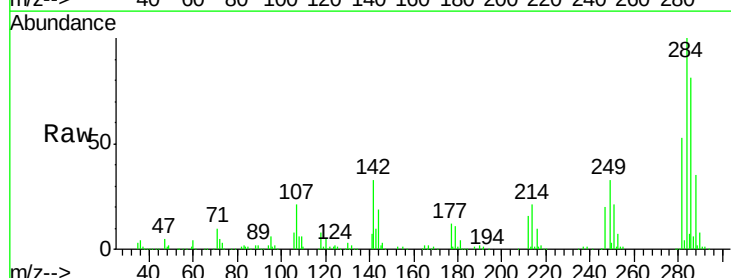
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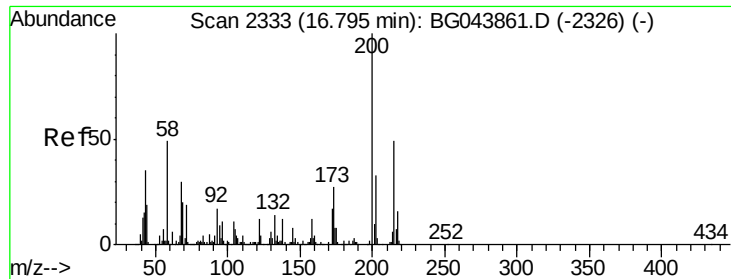
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#68
Hexachlorobenzene
Concen: 45.502 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.6	43.0
249	32.7	27.0	40.6





#69

Atrazine

Concen: 54.629 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

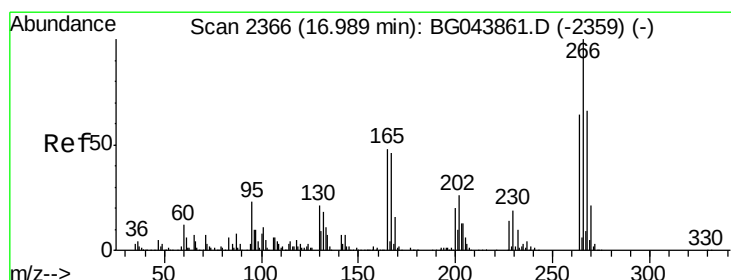
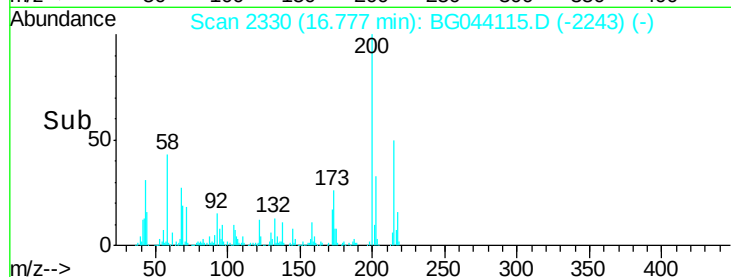
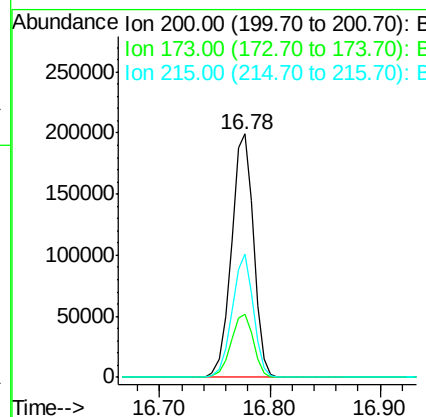
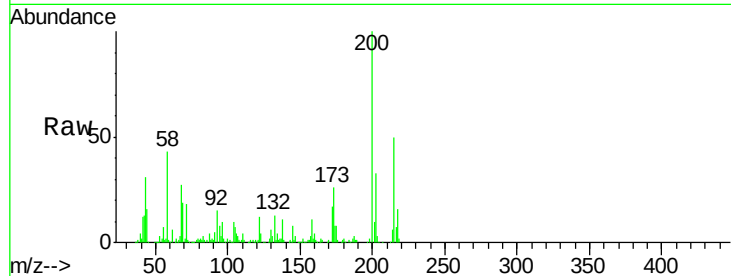
ClientSampleId :

EP-3MSD

Tot Ion:	200	Resp:	280039
Ion Ratio	Lower	Upper	
200	100		
173	26.0	6.6	46.6
215	50.5	28.6	68.6

Manual Integrations
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#70

Pentachlorophenol

Concen: 90.038 ng

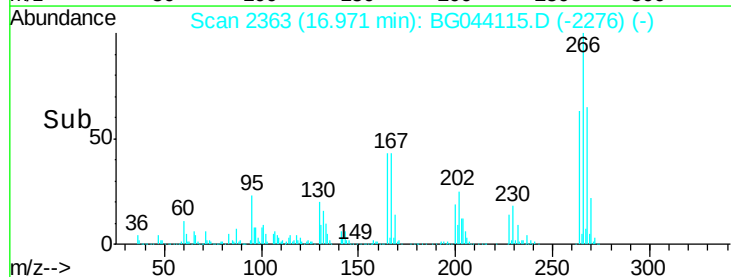
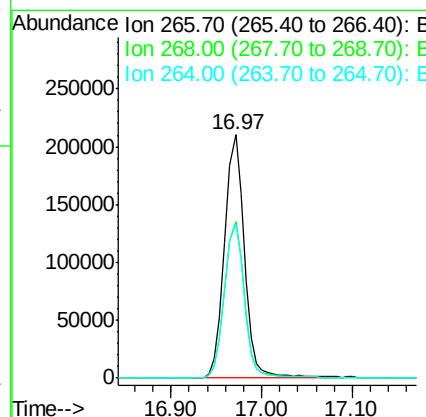
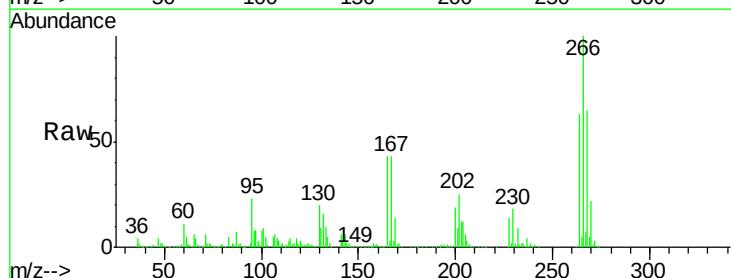
RT: 16.97 min Scan# 2363

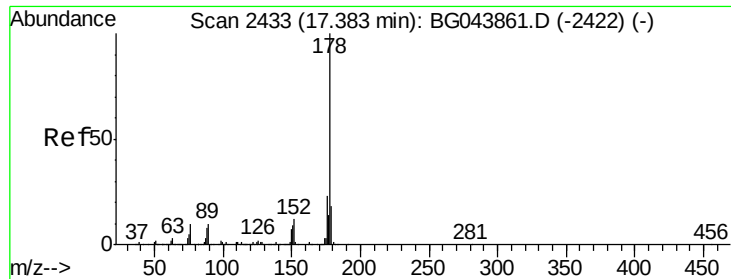
Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion:	266	Resp:	322118
Ion Ratio	Lower	Upper	
266	100		
268	64.5	52.6	79.0
264	63.2	50.8	76.2





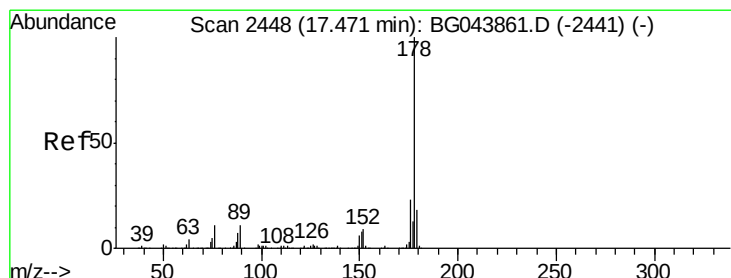
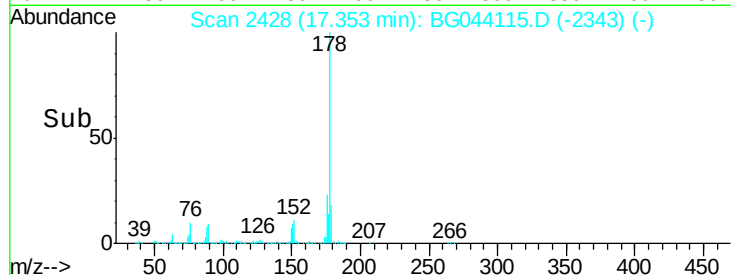
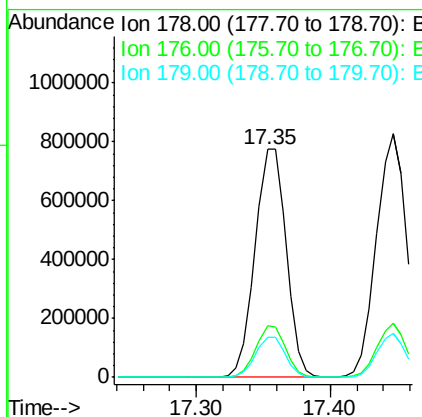
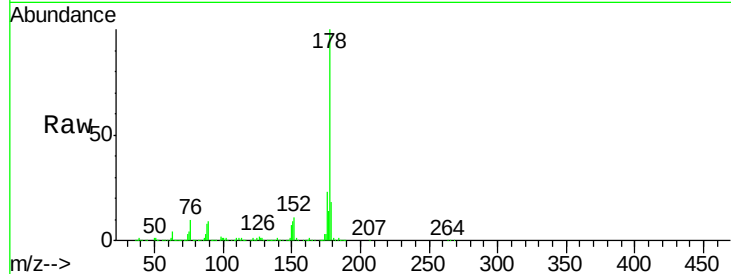
#71
Phenanthrene
Concen: 48.672 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion:178 Resp: 1250202
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.7 14.4 21.6

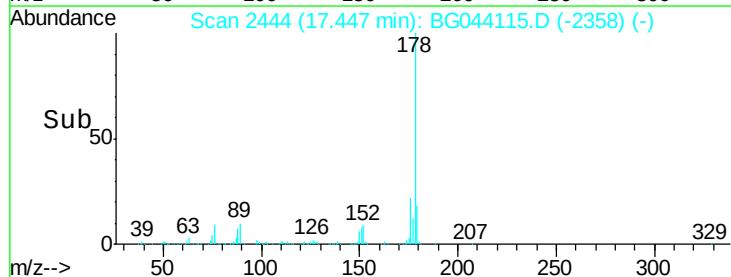
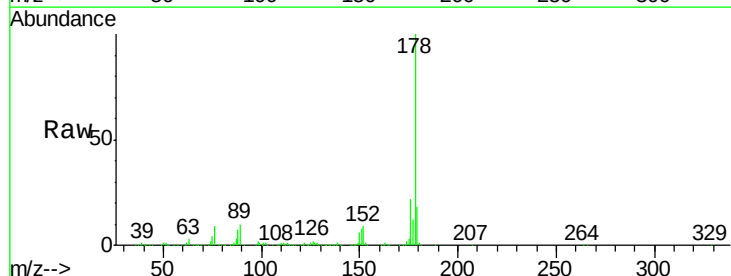
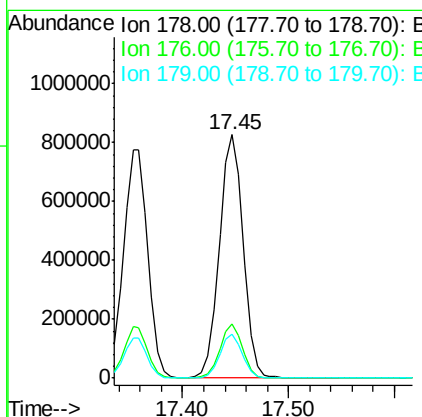
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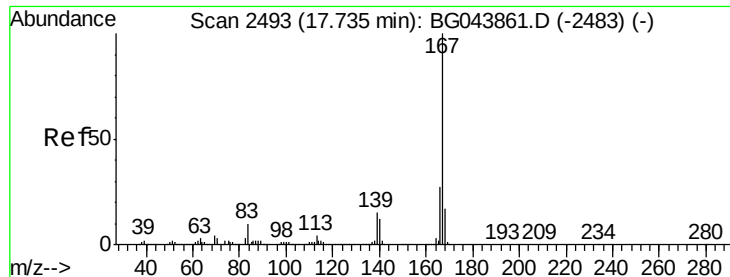
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#72
Anthracene
Concen: 50.910 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:178 Resp: 1292361
Ion Ratio Lower Upper
178 100
176 22.2 18.3 27.5
179 17.9 14.6 22.0





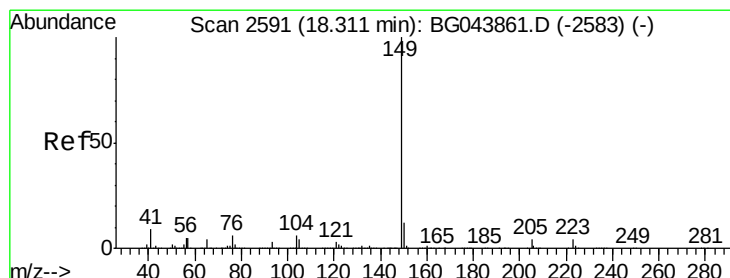
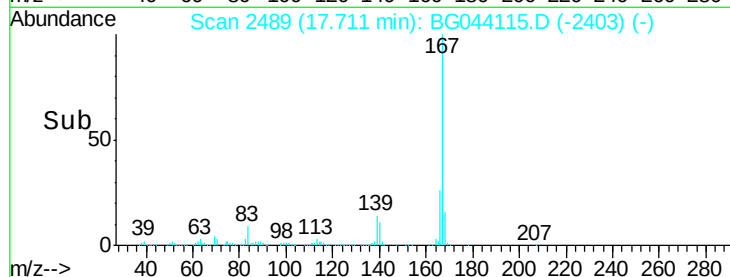
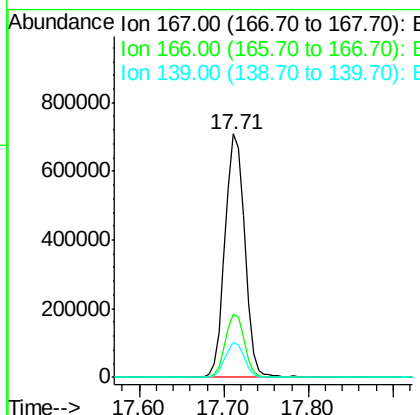
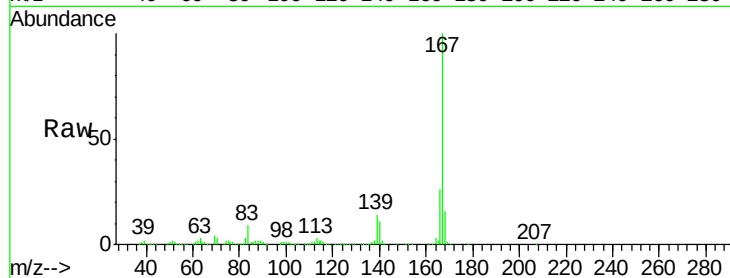
#73
 Carbazole
 Concen: 48.998 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.7	21.6	32.4
139	14.2	12.1	18.1

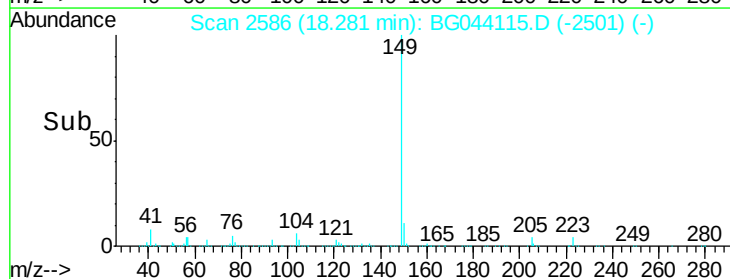
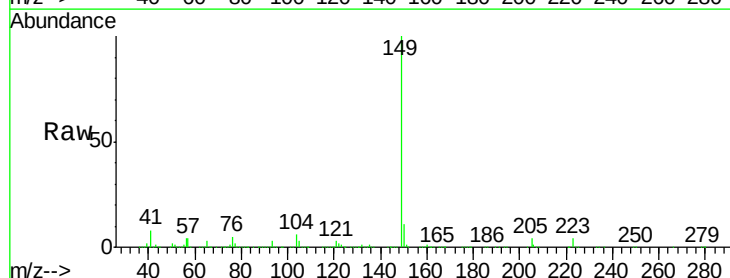
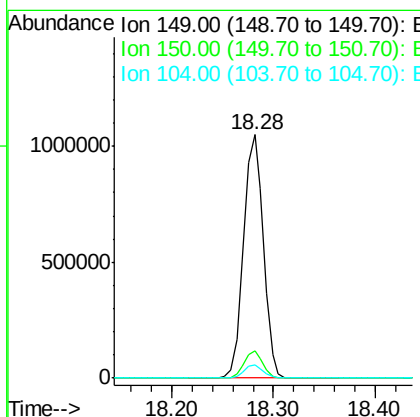
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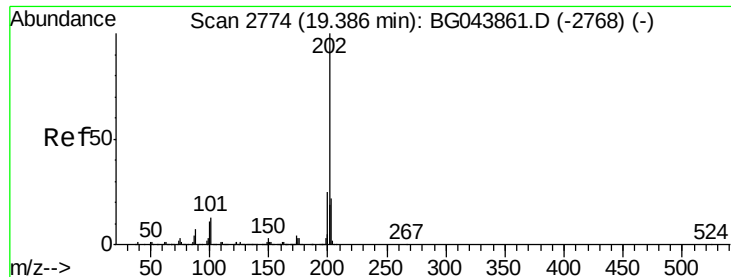
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#74
 Di-n-butylphthalate
 Concen: 47.203 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 48.296 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

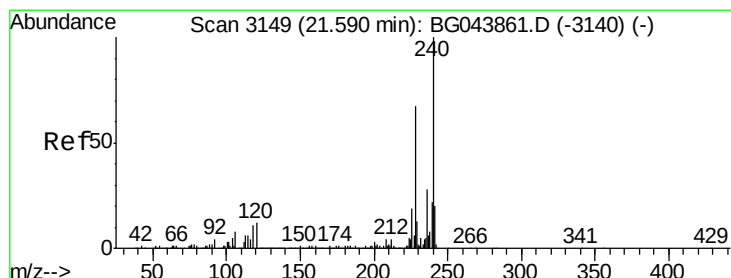
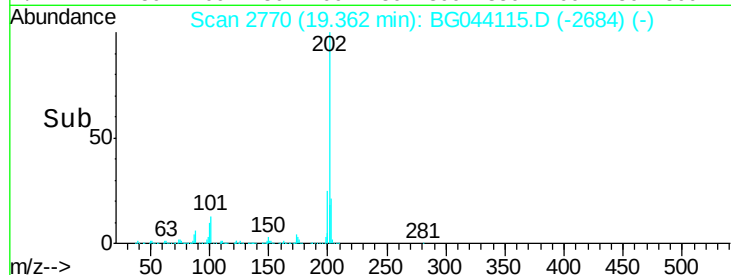
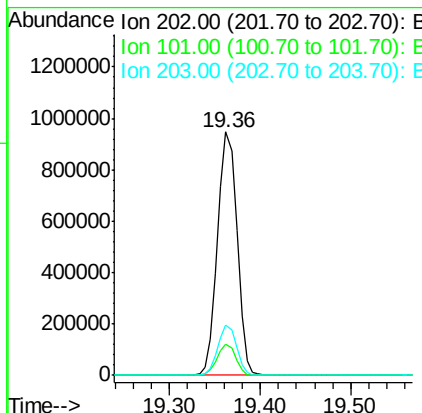
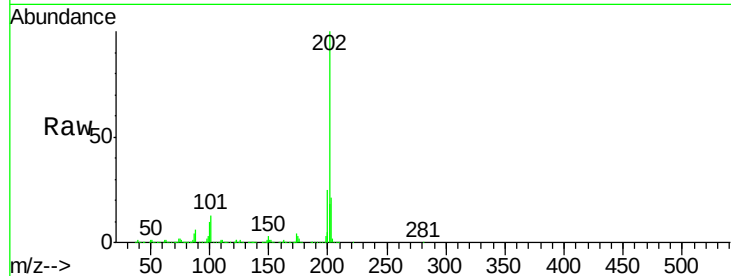
ClientSampleId :

EP-3MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.3
203	20.6	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

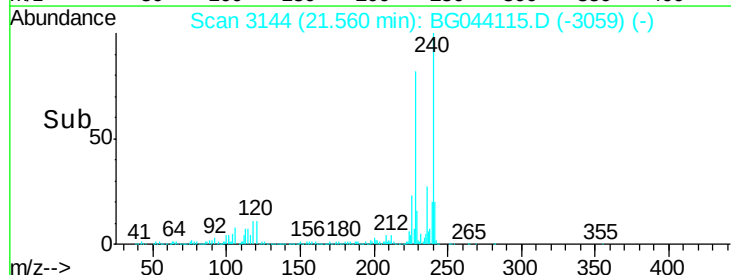
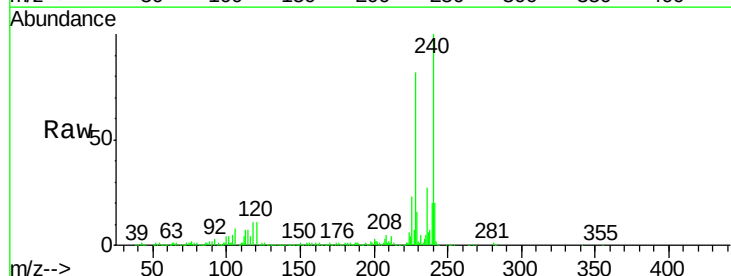
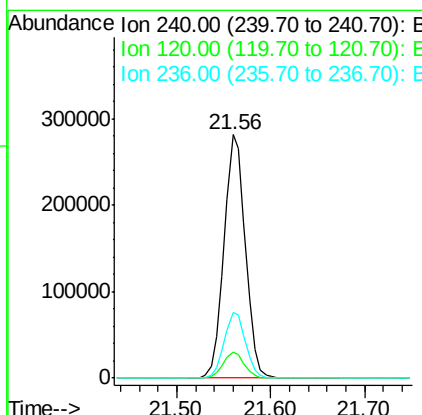
RT: 21.56 min Scan# 3144

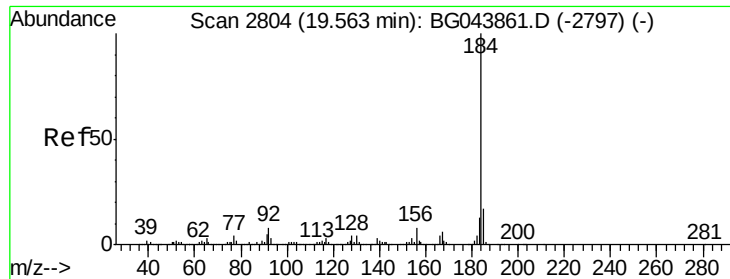
Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.6	14.4
236	26.9	22.2	33.2





#77

Benzidine

Concen: 29.366 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

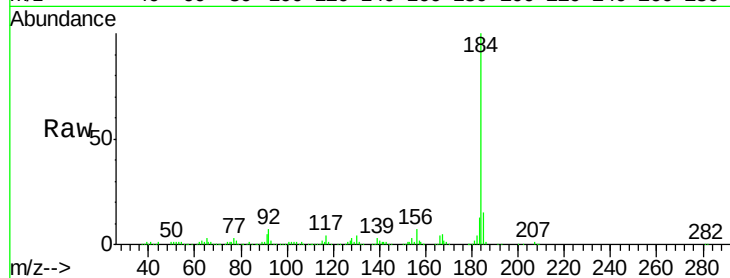
ClientSampled :

EP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	15.0	13.4	20.0		
183	13.3	10.6	15.8		

Manual Integrations
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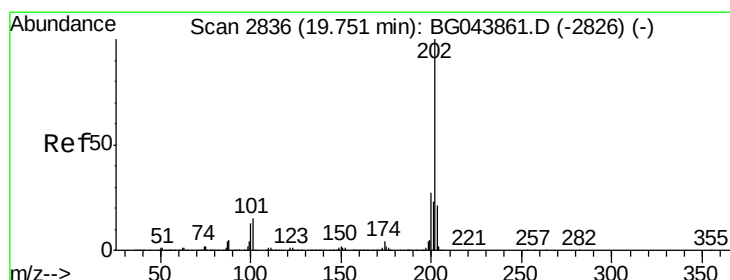
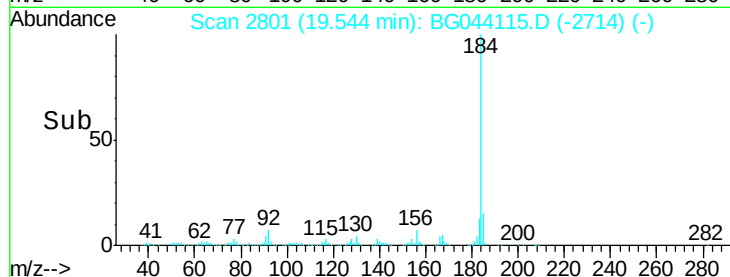
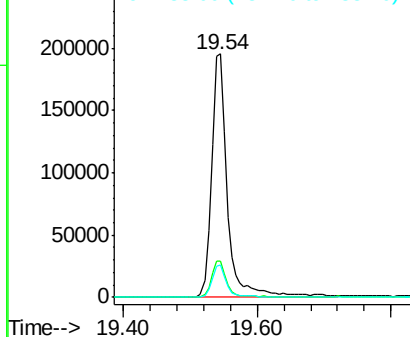


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.212 ng

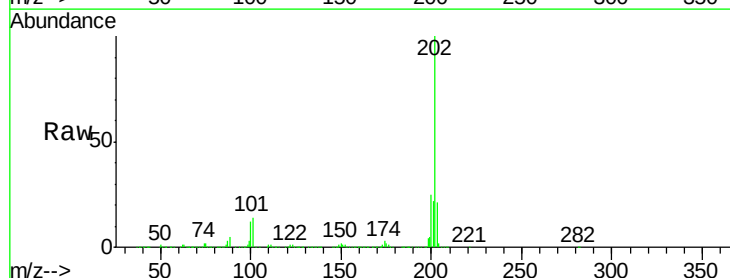
RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	25.3	21.7	32.5		
203	21.0	17.0	25.6		

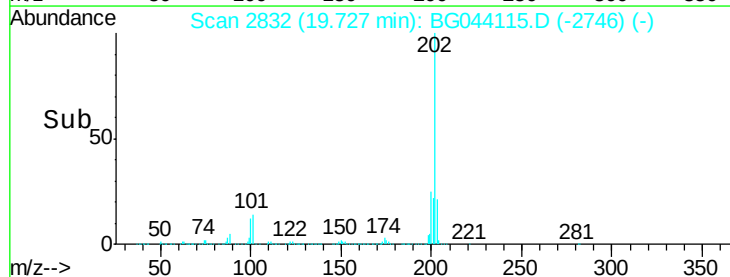
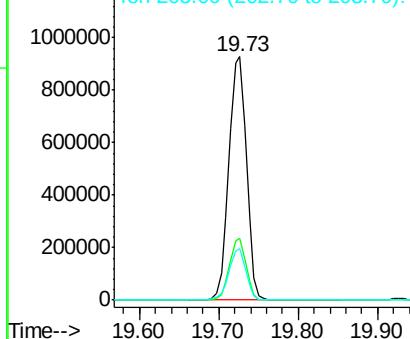


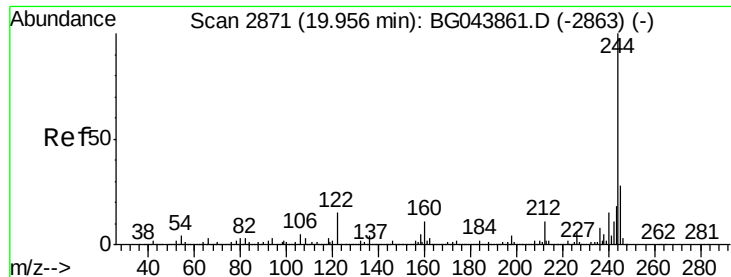
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





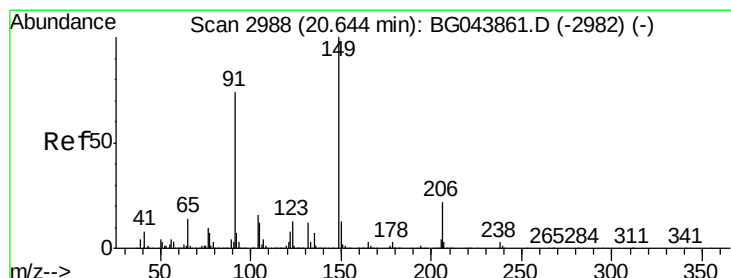
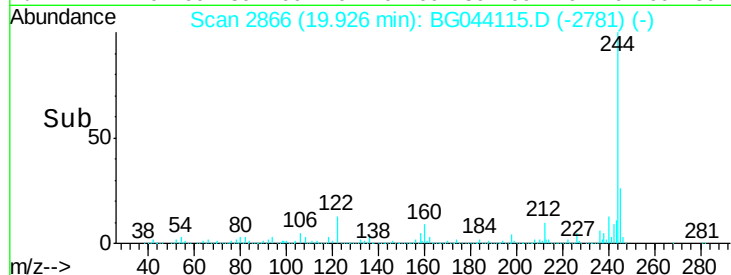
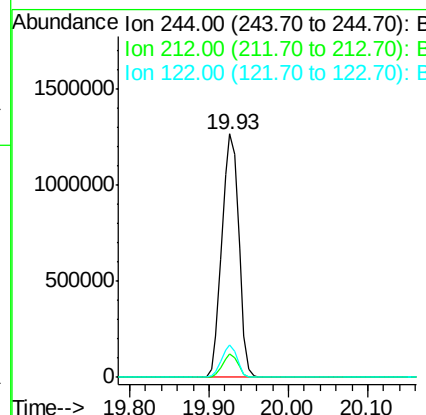
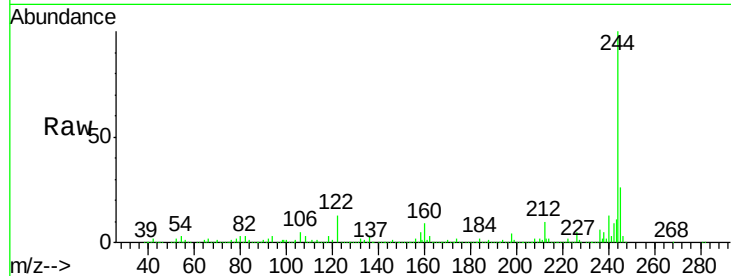
#79
 Terphenyl-d14
 Concen: 109.163 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MSD

Tot Ion:244 Resp: 1873166
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.6 13.0
 122 13.2 11.9 17.9

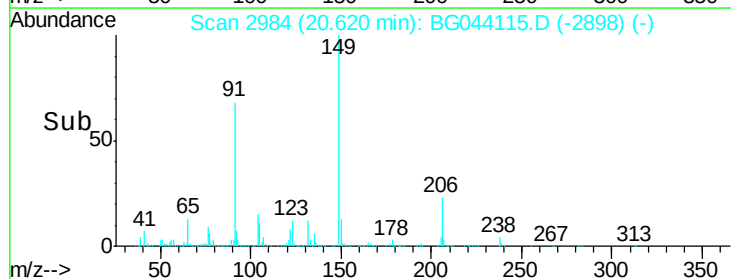
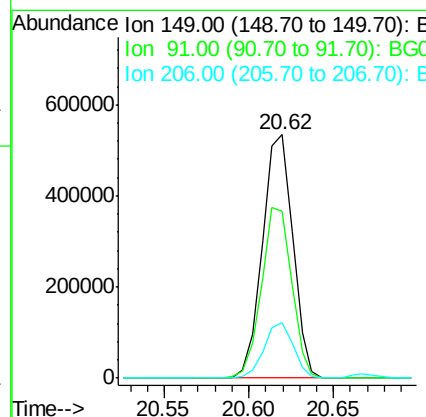
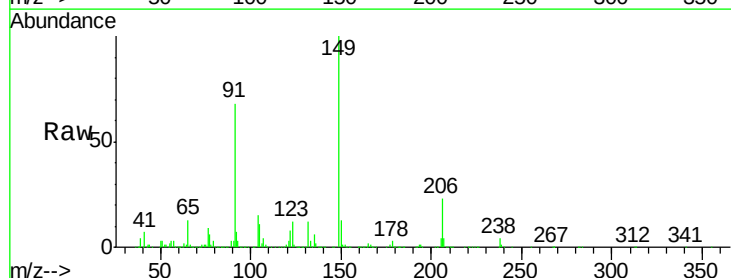
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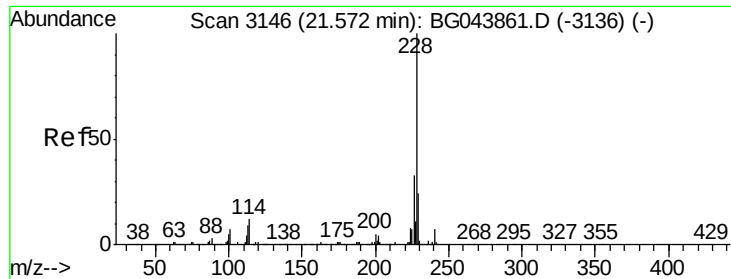
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.542 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BG044115.D
 Acq: 21 Jan 2020 2:12

Tgt Ion:149 Resp: 670324
 Ion Ratio Lower Upper
 149 100
 91 68.4 59.5 89.3
 206 22.9 17.8 26.6





#81

Benzo(a)anthracene

Concen: 49.565 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

Instrument :

BNA_G

ClientSampleId :

EP-3MSD

Tot Ion:228 Resp: 1365675

Ion Ratio Lower Upper

228 100

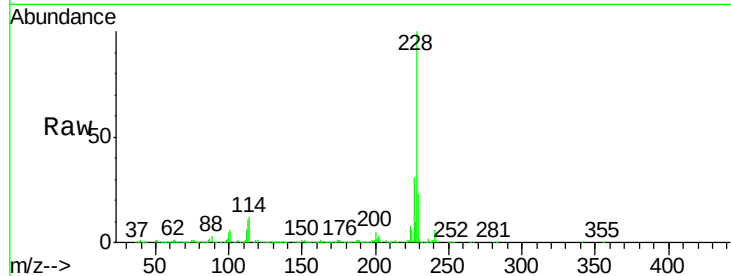
226 31.1 26.2 39.4

229 22.7 18.9 28.3

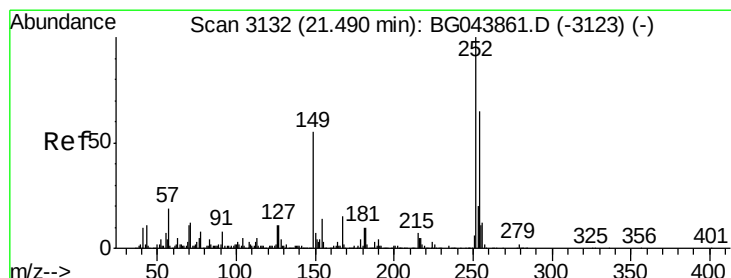
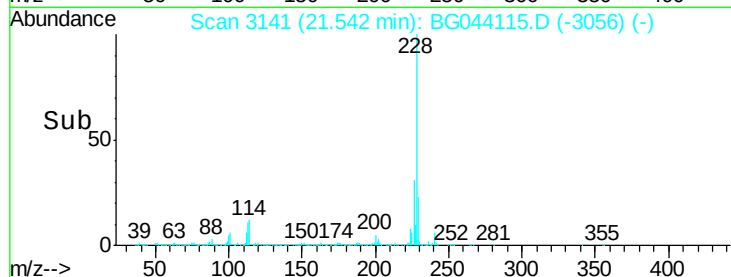
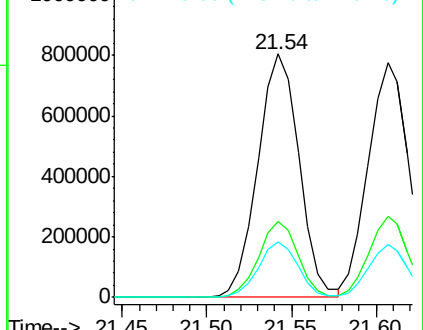
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.036 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG044115.D

Acq: 21 Jan 2020 2:12

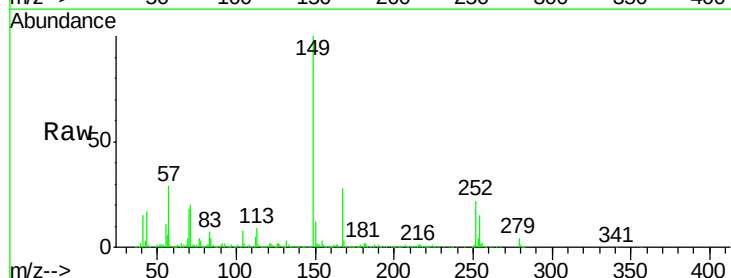
Tgt Ion:252 Resp: 196337

Ion Ratio Lower Upper

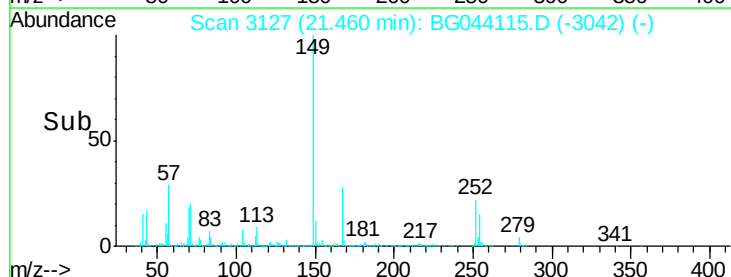
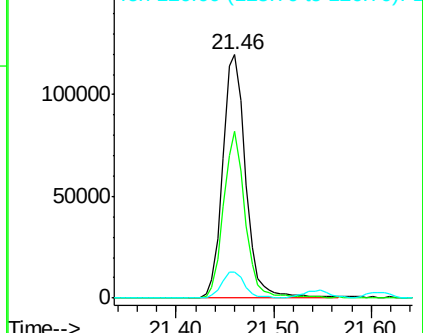
252 100

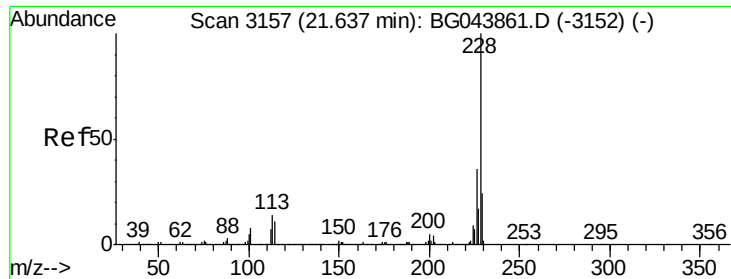
254 68.5 52.1 78.1

126 10.8 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





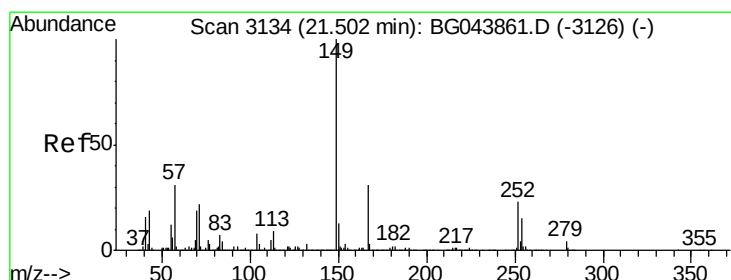
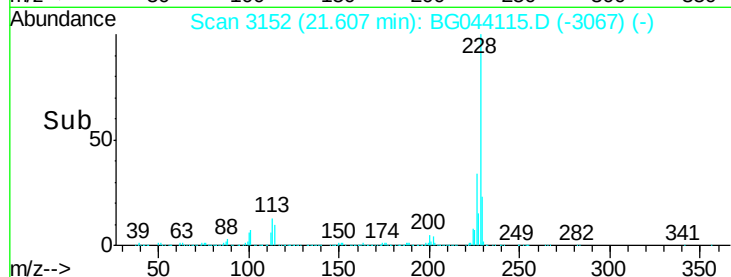
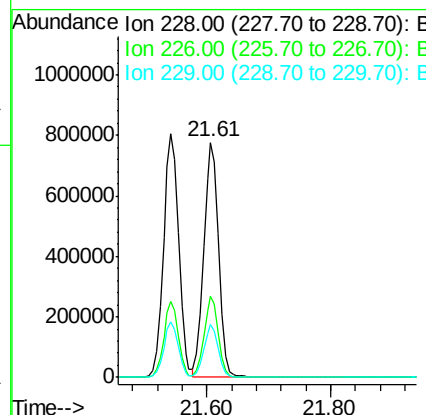
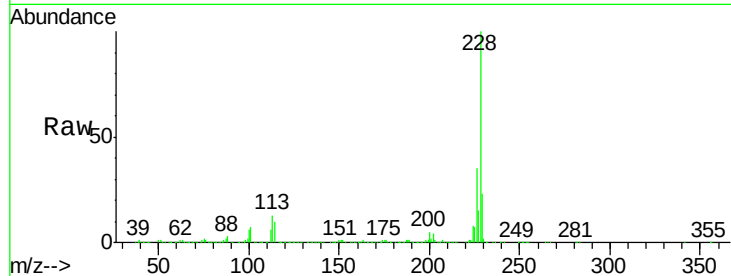
#83
Chrysene
Concen: 49.580 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.03 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion:228 Resp: 1298062
Ion Ratio Lower Upper
228 100
226 34.5 28.8 43.2
229 22.7 19.0 28.6

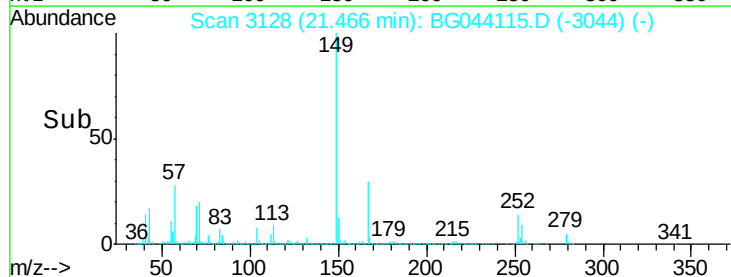
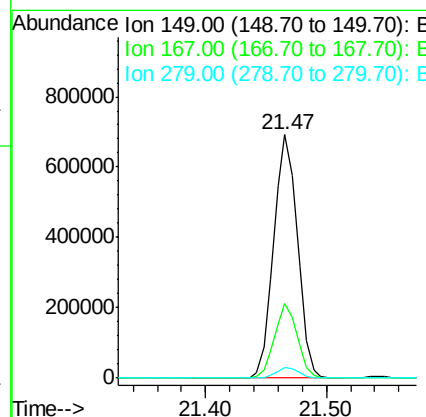
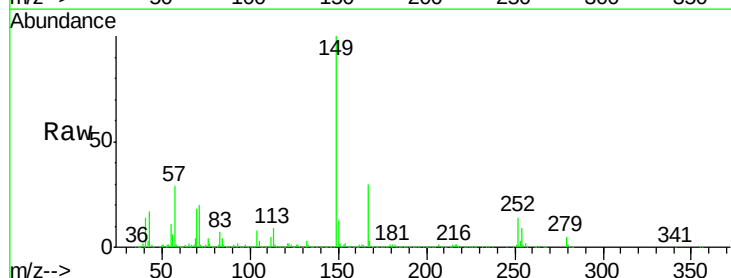
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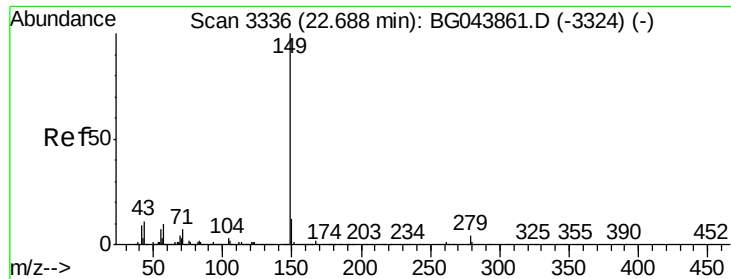
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.276 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion:149 Resp: 938894
Ion Ratio Lower Upper
149 100
167 30.5 24.7 37.1
279 4.5 3.3 4.9





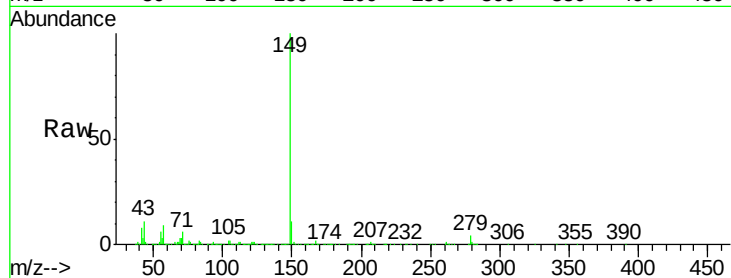
#85
Di-n-octyl phthalate
Concen: 50.835 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

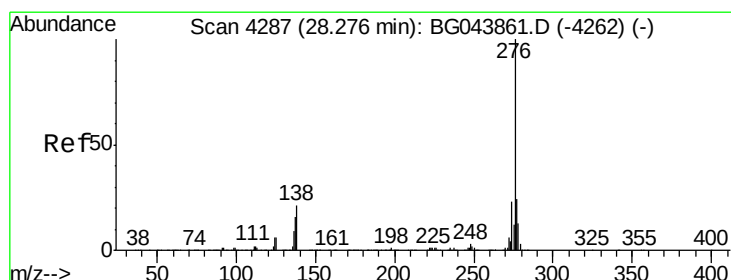
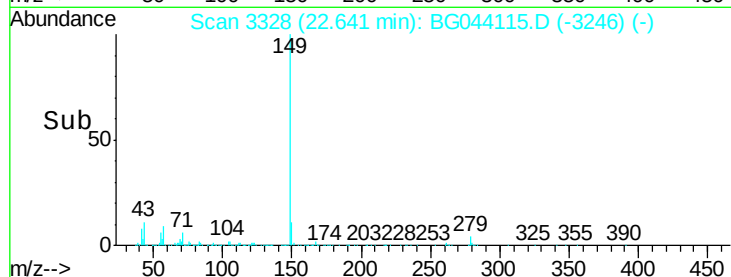
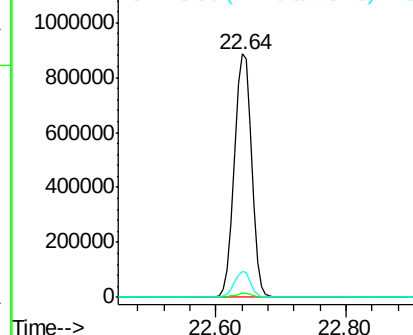
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.9	8.8	13.2

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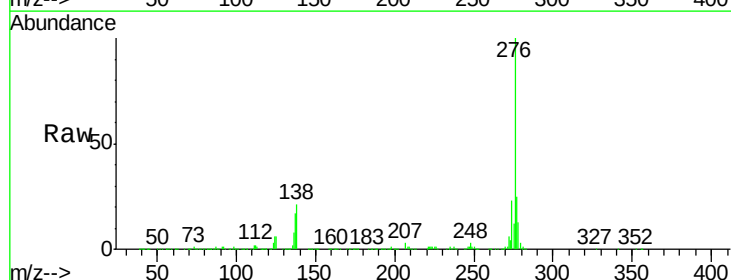


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

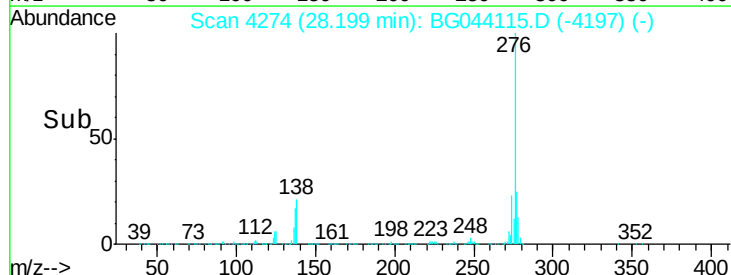
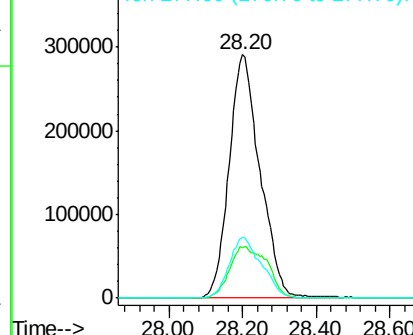


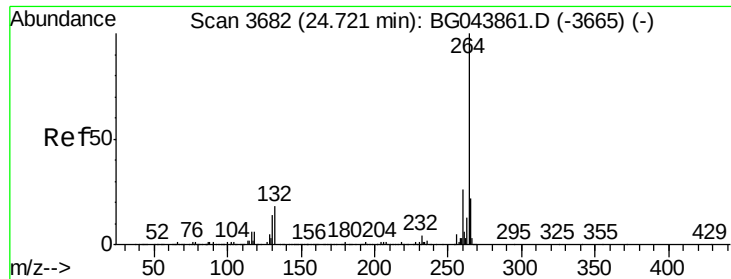
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.825 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.08 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.0	31.4
277	26.1	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





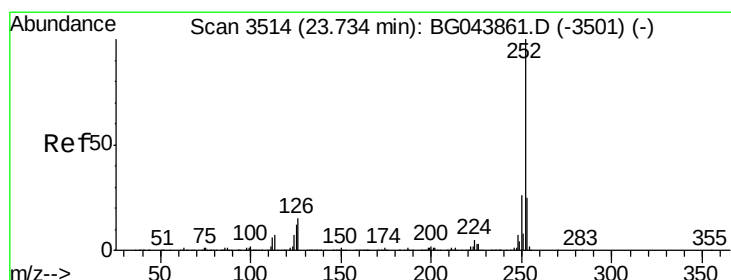
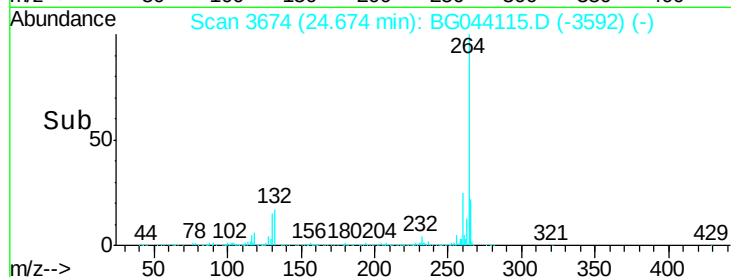
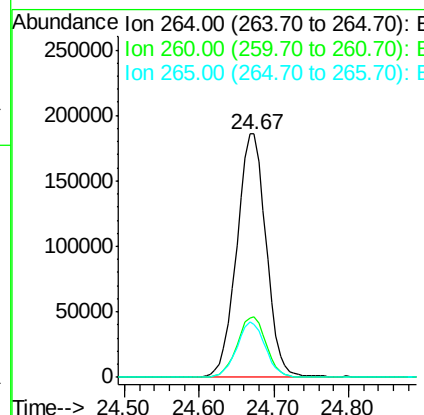
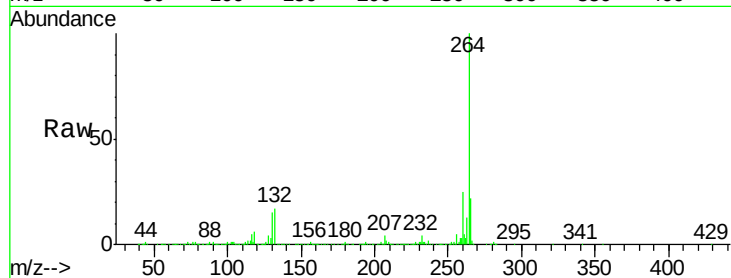
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.05 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	21.8	17.4	26.2

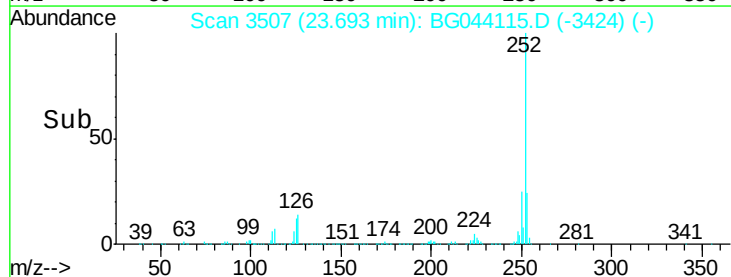
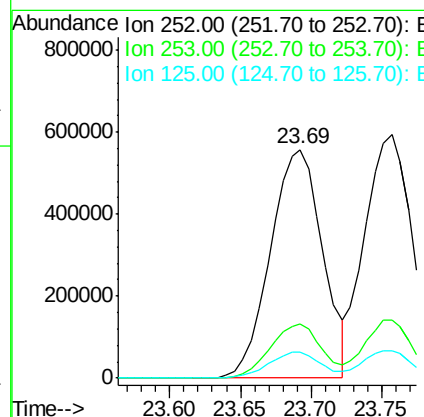
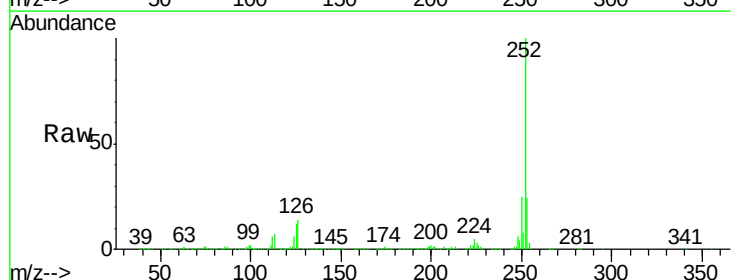
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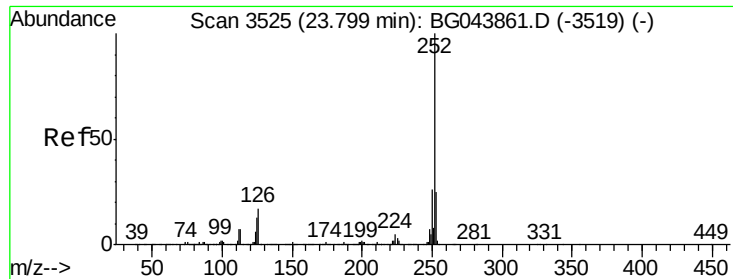
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#88
Benzo(b)fluoranthene
Concen: 47.746 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.7	29.5
125	11.6	9.4	14.2





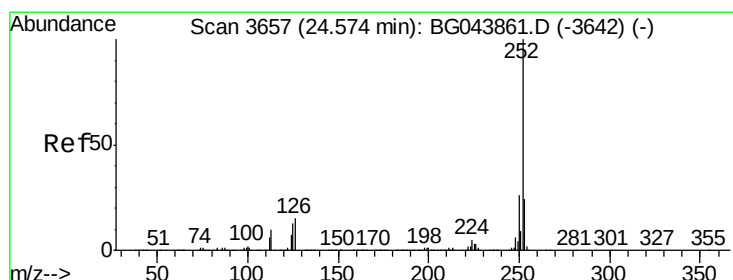
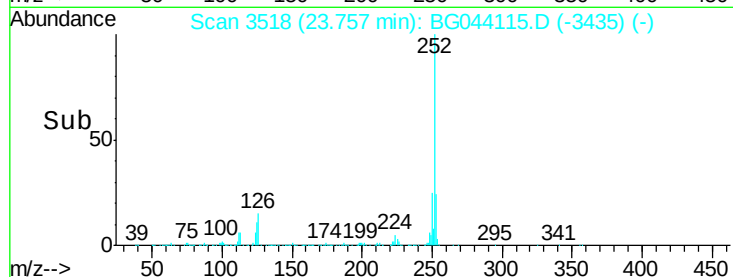
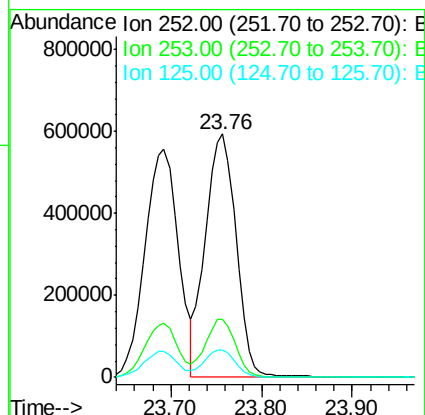
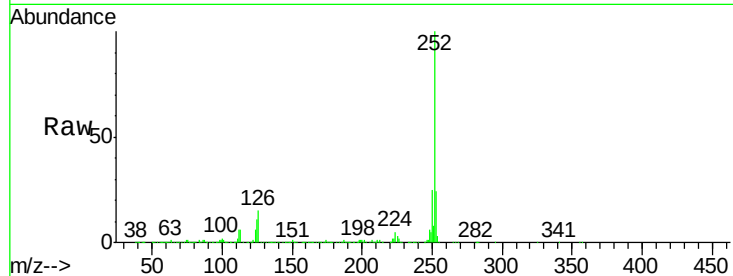
#89
Benzo(k)fluoranthene
Concen: 48.887 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.04 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	11.4	9.9	14.9

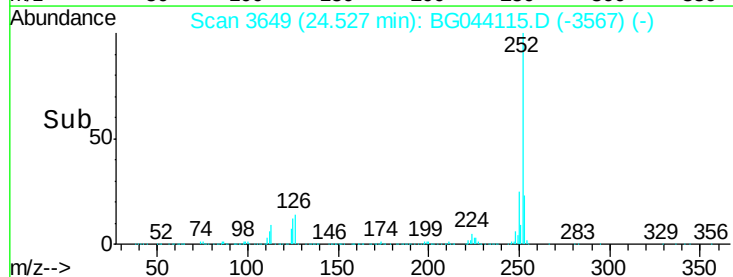
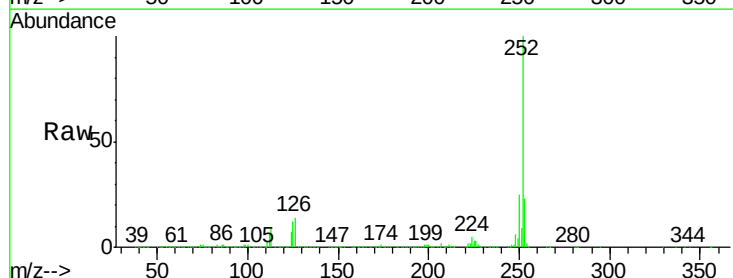
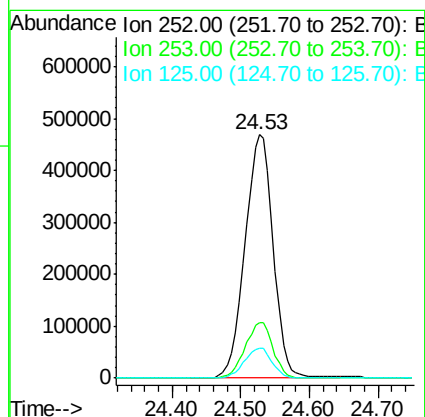
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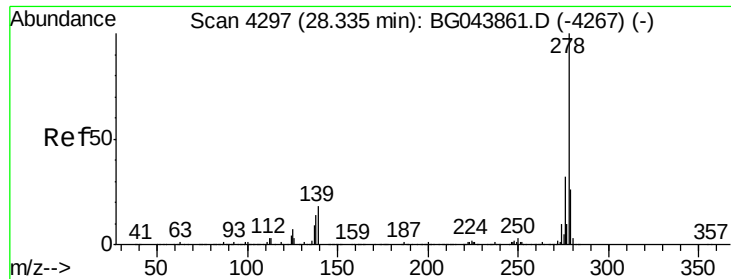
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#90
Benzo(a)pyrene
Concen: 47.106 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.05 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.3	28.9
125	12.4	10.4	15.6





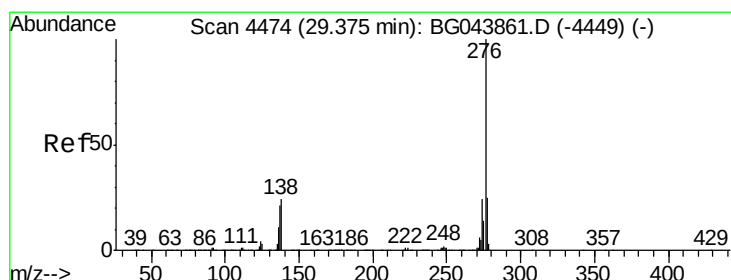
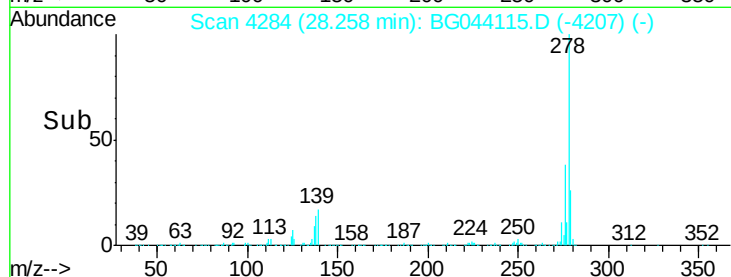
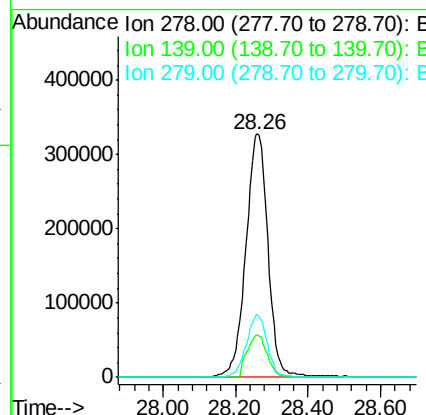
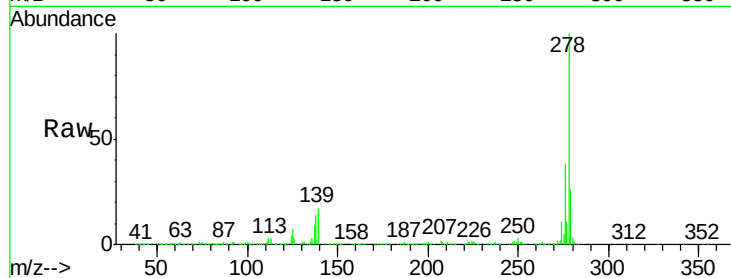
#91
Dibenzo(a,h)anthracene
Concen: 48.871 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.08 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Instrument :
BNA_G
ClientSampleId :
EP-3MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.2	21.4
279	25.9	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 50.562 ng
RT: 29.30 min Scan# 4462
Delta R.T. -0.07 min
Lab File: BG044115.D
Acq: 21 Jan 2020 2:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.4
138	23.1	19.0	28.6

