

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044345.D
 Acq On : 7 Feb 2020 20:15
 Operator : CG/JU
 Sample : L1431-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 06MSD

Manual Integrations
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mohammad
 2/11/2020 8:26:13 AM

Quant Time: Feb 08 03:04:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	84556	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	350231	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	216907	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	469259	20.00	ng	0.00
76) Chrysene-d12	21.54	240	440907	20.00	ng	0.00
87) Perylene-d12	24.63	264	475560	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	546819	114.13	ng	0.00
7) Phenol-d6	7.09	99	712994	110.82	ng	0.00
23) Nitrobenzene-d5	9.07	82	421931	68.01	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	268122	105.30	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	922596	71.23	ng	0.00
79) Terphenyl-d14	19.91	244	1380249	64.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	90223	41.913	ng	100
3) Pyridine	3.77	79	219053	38.195	ng	98
4) n-Nitrosodimethylamine	3.69	42	107190	44.727	ng	98
6) Aniline	7.24	93	210209	26.322	ng	97
8) 2-Chlorophenol	7.48	128	267536	50.808	ng	99
9) Benzaldehyde	7.04	77	120219	32.809	ng	95
10) Phenol	7.11	94	326864	51.335	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	243769	44.781	ng	97
12) 1,3-Dichlorobenzene	7.80	146	279391	44.440	ng	99
13) 1,4-Dichlorobenzene	7.95	146	278675	44.754	ng	99
14) 1,2-Dichlorobenzene	8.27	146	264948	45.017	ng	99
15) Benzyl Alcohol	8.15	79	214788	47.155	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.44	45	317932	43.151	ng	98
17) 2-Methylphenol	8.36	107	223151	49.120	ng	98
18) Hexachloroethane	8.99	117	102314	43.787	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	187378	43.700	ng	98
20) 3+4-Methylphenols	8.69	107	304765	48.678	ng	99
22) Acetophenone	8.73	105	353652	41.508	ng	99
24) Nitrobenzene	9.11	77	266581	44.017	ng	100
25) Isophorone	9.64	82	506684	43.821	ng	100
26) 2-Nitrophenol	9.82	139	148891	47.380	ng	99
27) 2,4-Dimethylphenol	9.89	122	239921	54.085	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	325447	42.192	ng	99
29) 2,4-Dichlorophenol	10.36	162	252964	47.161	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	262632	42.701	ng	100
31) Naphthalene	10.76	128	760431	44.752	ng	99
32) Benzoic acid	10.05	122	98370	37.898	ng	94
33) 4-Chloroaniline	10.87	127	102235	13.229	ng	99
34) Hexachlorobutadiene	11.06	225	156441	41.337	ng	99
35) Caprolactam	11.63	113	89090m	45.341	ng	
36) 4-Chloro-3-methylphenol	12.00	107	257760	45.834	ng	98
37) 2-Methylnaphthalene	12.37	142	555039	43.994	ng	99
38) 1-Methylnaphthalene	12.59	142	527923	44.384	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	272742	42.035	ng	98

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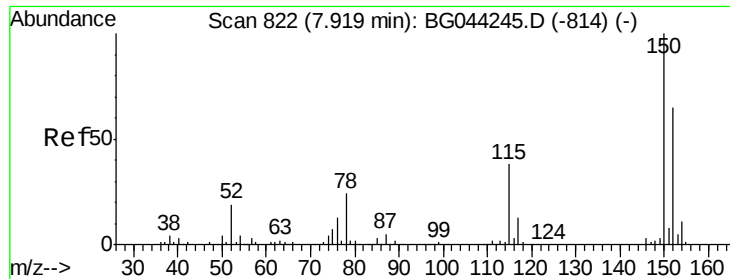
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	339467	109.037	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	196490	46.851	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	213435	49.825	ng	98
46) 1,1'-Biphenyl	13.38	154	696851	44.539	ng	99
47) 2-Chloronaphthalene	13.42	162	541714	43.511	ng	99
48) 2-Nitroaniline	13.62	65	156914	42.706	ng	100
49) Acenaphthylene	14.27	152	853894	46.761	ng	98
50) Dimethylphthalate	14.01	163	712889	45.722	ng	100
51) 2,6-Dinitrotoluene	14.12	165	157474	45.297	ng	98
52) Acenaphthene	14.61	154	530382	44.810	ng	99
53) 3-Nitroaniline	14.45	138	79707	20.724	ng	99
54) 2,4-Dinitrophenol	14.66	184	182435	87.746	ng	97
55) Dibenzofuran	14.95	168	811840	45.302	ng	99
56) 4-Nitrophenol	14.77	139	289442	102.735	ng	99
57) 2,4-Dinitrotoluene	14.91	165	216757	44.485	ng	96
58) Fluorene	15.60	166	638404	45.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	181354	46.870	ng	99
60) Diethylphthalate	15.37	149	685372	44.115	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	336956	44.028	ng	98
62) 4-Nitroaniline	15.62	138	154157	40.111	ng	95
63) Azobenzene	15.88	77	609908	44.792	ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	136077	52.533	ng	97
66) n-Nitrosodiphenylamine	15.80	169	598986	45.548	ng	98
67) 4-Bromophenyl-phenylether	16.49	248	219014	42.839	ng	98
68) Hexachlorobenzene	16.61	284	242121	42.272	ng	99
69) Atrazine	16.76	200	227637	50.503	ng	99
70) Pentachlorophenol	16.95	266	272254	93.447	ng	96
71) Phenanthrene	17.34	178	1030741	45.361	ng	99
72) Anthracene	17.43	178	1045650	46.545	ng	99
73) Carbazole	17.69	167	946412	45.697	ng	100
74) Di-n-butylphthalate	18.26	149	1169582	45.699	ng	99
75) Fluoranthene	19.34	202	1235668	47.008	ng	99
77) Benzidine	19.52	184	292879	23.948	ng	98
78) Pyrene	19.71	202	1235834	43.646	ng	99
80) Butylbenzylphthalate	20.60	149	538891	41.763	ng	99
81) Benzo(a)anthracene	21.52	228	1166098	42.913	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	235039	22.286	ng	100
83) Chrysene	21.59	228	1112261	42.346	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	765221	43.085	ng	100
85) Di-n-octyl phthalate	22.61	149	1330639	43.301	ng	100
86) Indeno(1,2,3-cd)pyrene	28.14	276	1431178	41.765	ng	100
88) Benzo(b)fluoranthene	23.65	252	1260052	45.982	ng	99
89) Benzo(k)fluoranthene	23.72	252	1202401	45.020	ng	100
90) Benzo(a)pyrene	24.49	252	1151908	44.459	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1177012	45.902	ng	99
92) Benzo(g,h,i)perylene	29.23	276	1200806	46.780	ng	99

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



#1

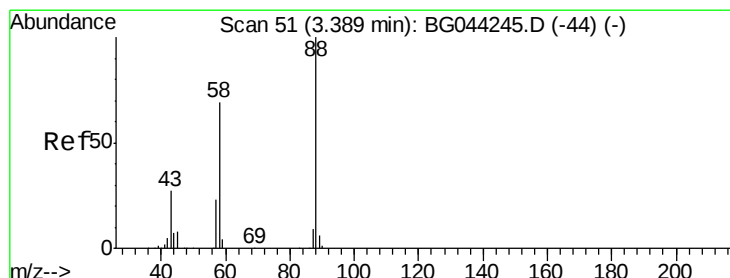
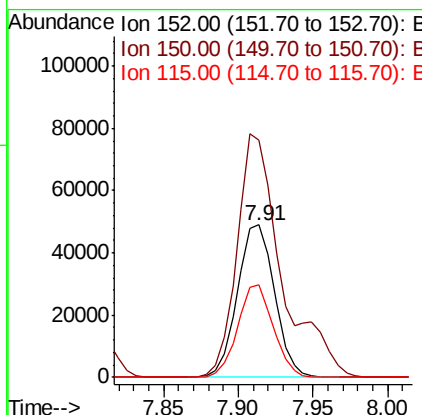
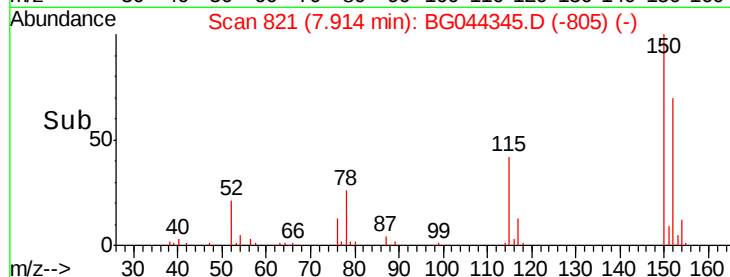
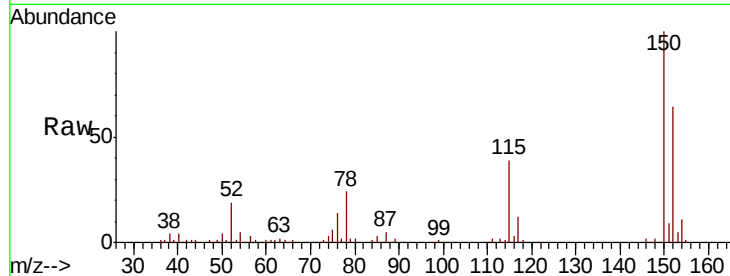
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampled :
06MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.6	183.8
115	60.3	46.0	69.0

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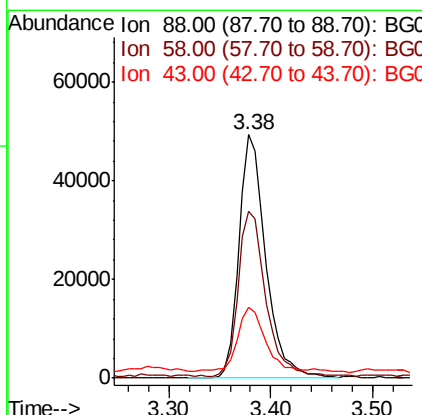
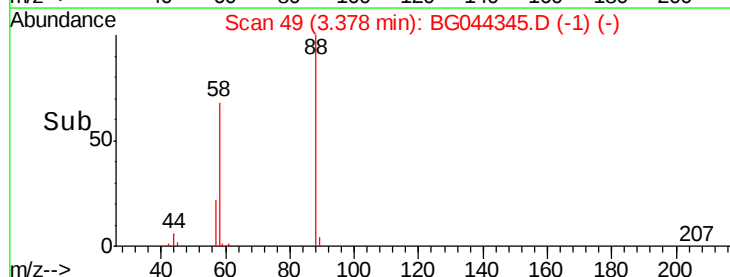
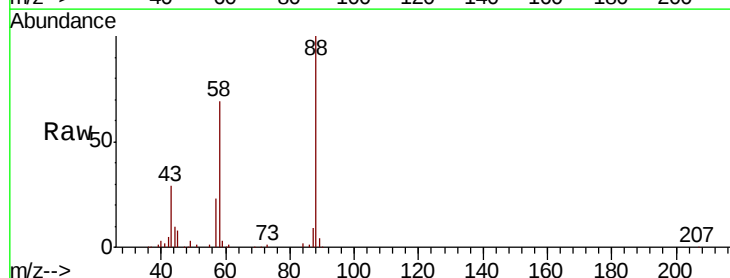
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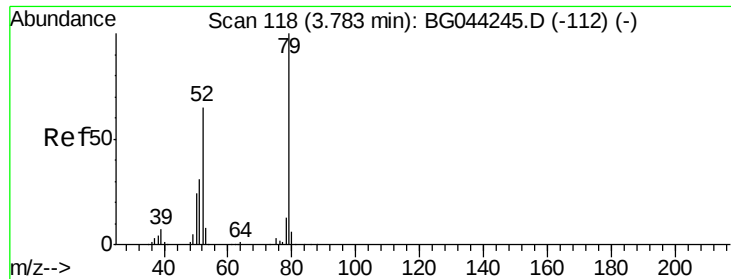


#2

1,4-Dioxane
Concen: 41.913 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	55.8	83.6
43	27.2	21.6	32.4





#3

Pvridine

Concen: 38.195 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

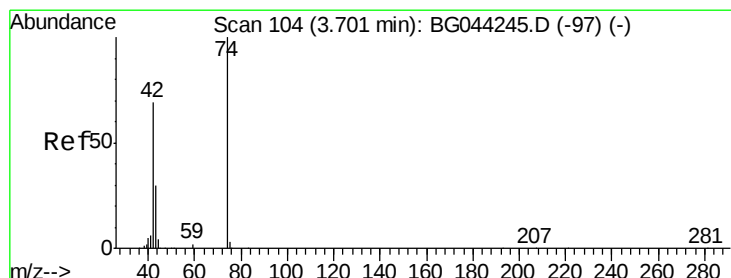
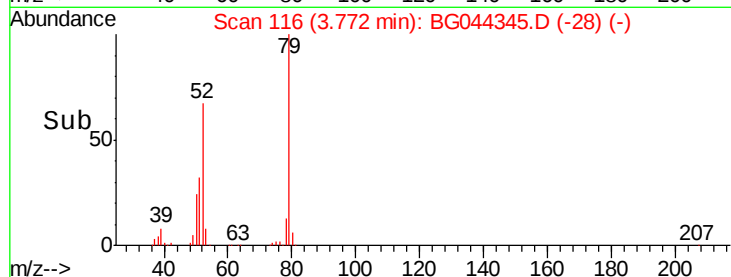
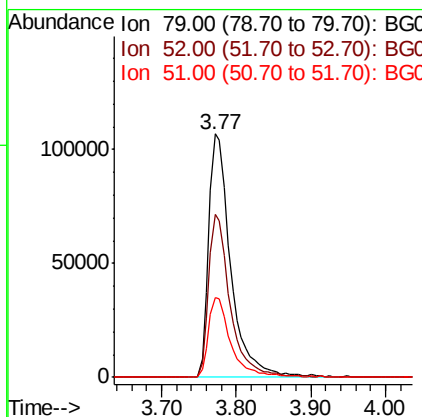
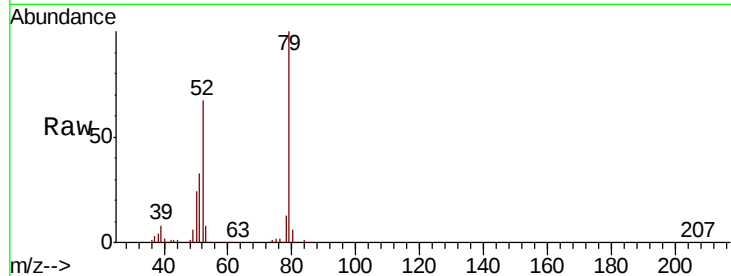
ClientSampleId :

06MSD

Tot Ion:	79	Resp:	219053
Ion	Ratio	Lower	Upper
79	100		
52	66.7	51.9	77.9
51	33.0	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 44.727 ng

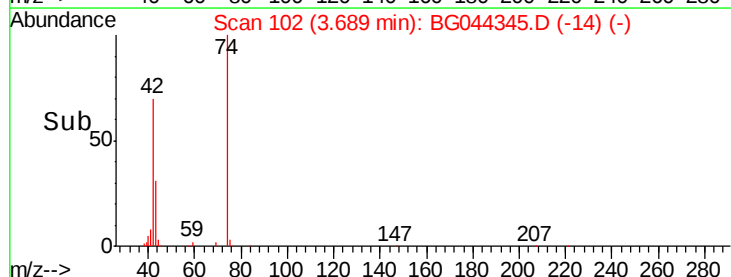
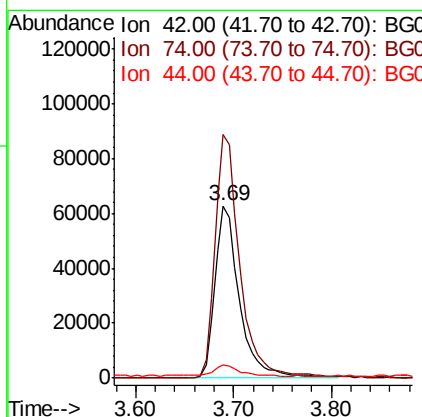
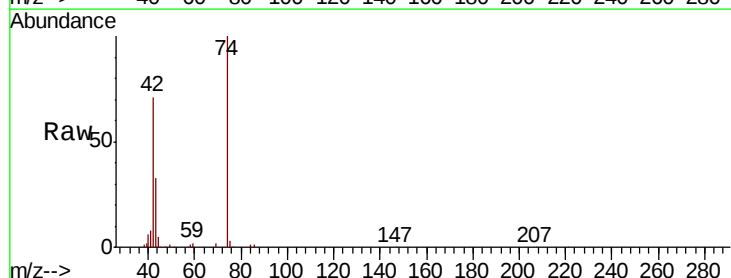
RT: 3.69 min Scan# 102

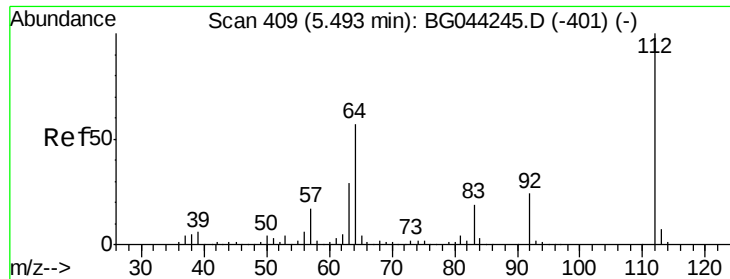
Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	42	Resp:	107190
Ion	Ratio	Lower	Upper
42	100		
74	141.3	115.1	172.7
44	7.5	5.6	8.4





#5

2-Fluorophenol

Concen: 114.131 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

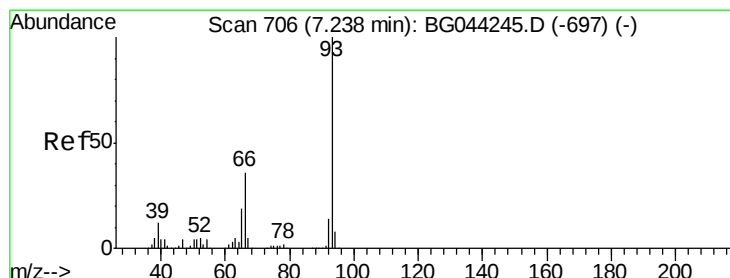
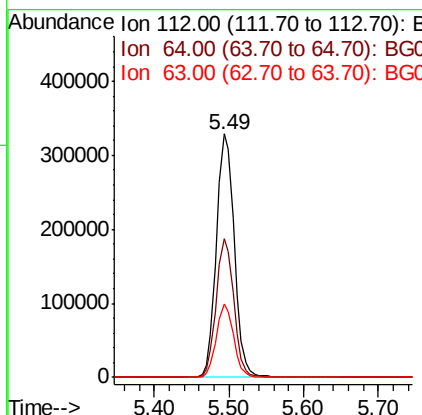
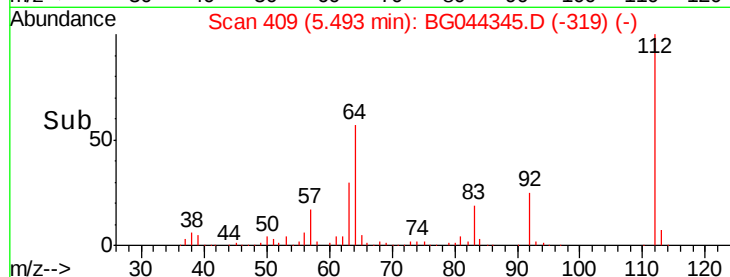
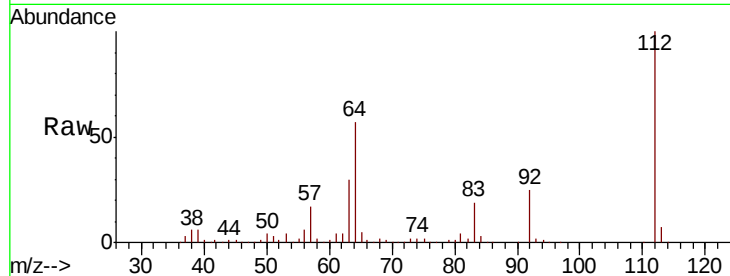
ClientSampleId :

06MSD

Tot Ion:	112	Resp:	546819
Ion Ratio	Lower	Upper	
112	100		
64	56.9	45.4	68.2
63	30.1	22.9	34.3

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#6

Aniline

Concen: 26.322 ng

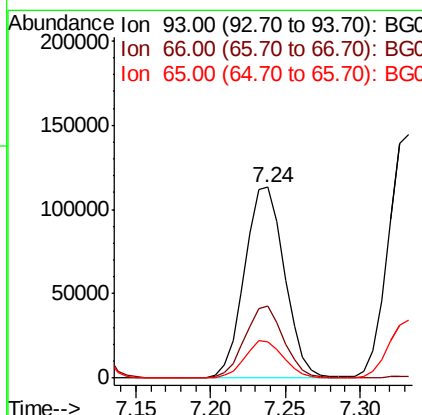
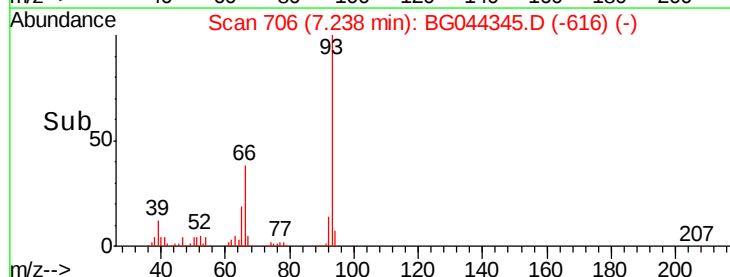
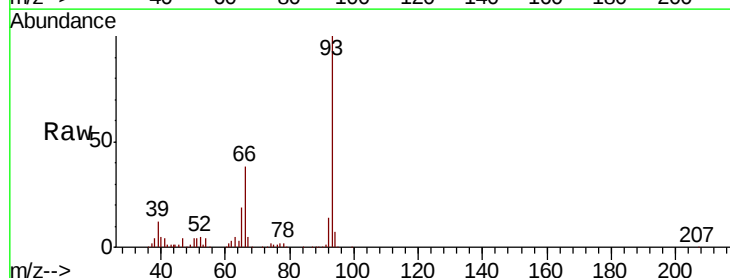
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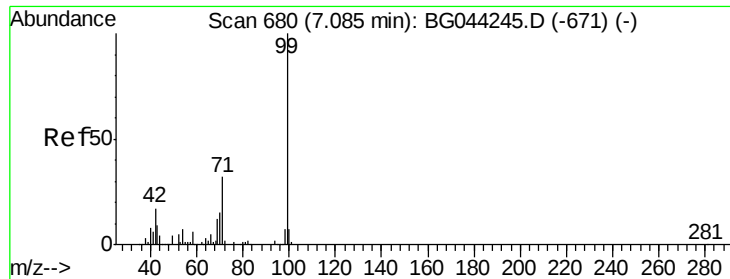
Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	93	Resp:	210209
Ion Ratio	Lower	Upper	
93	100		
66	38.1	28.7	43.1
65	19.0	15.4	23.0





#7

Phenol-d6

Concen: 110.820 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

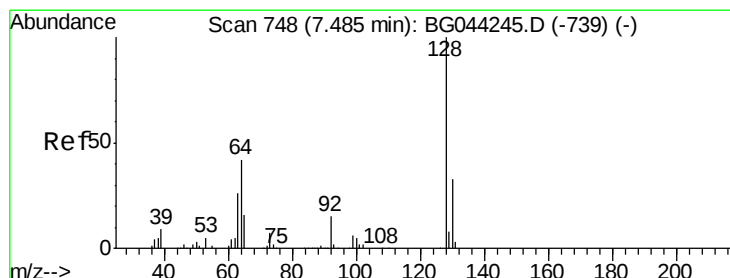
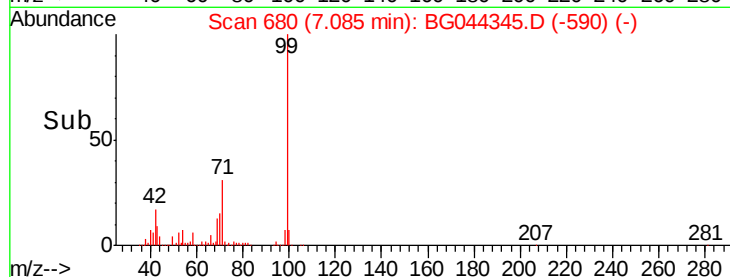
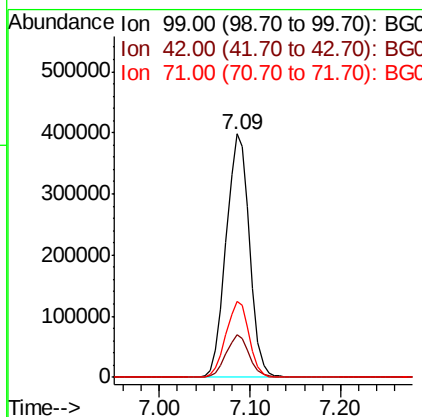
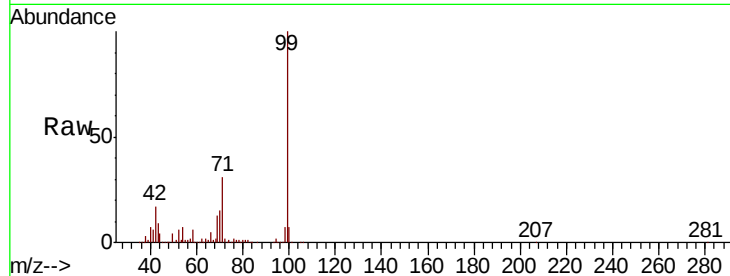
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Tot Ion:	99	Resp:	712994
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	31.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 50.808 ng

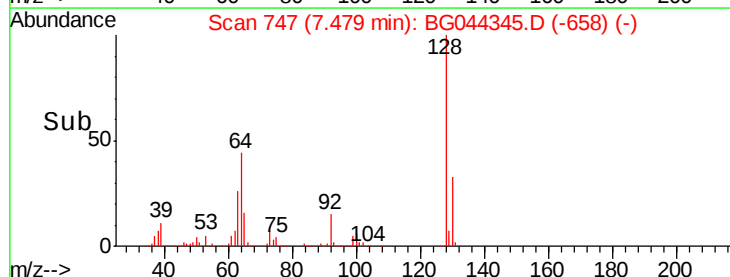
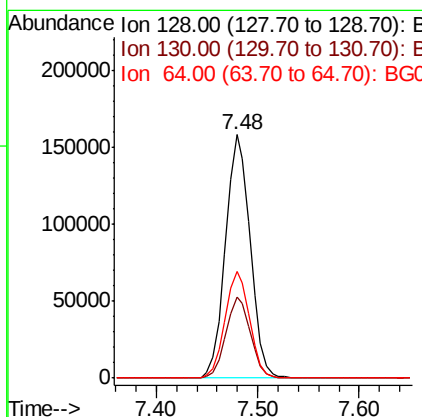
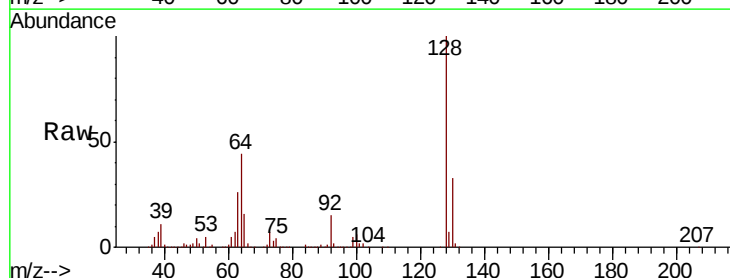
RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	128	Resp:	267536
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	43.8	24.2	64.2





#9

Benzaldehyde

Concen: 32.809 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

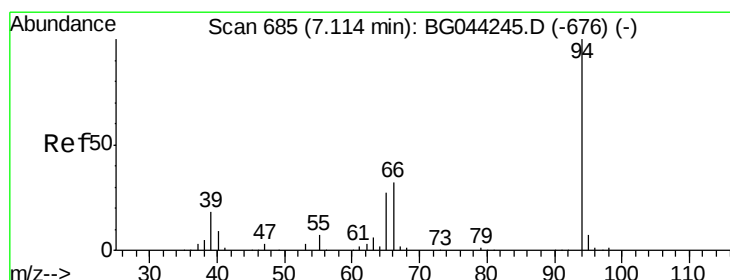
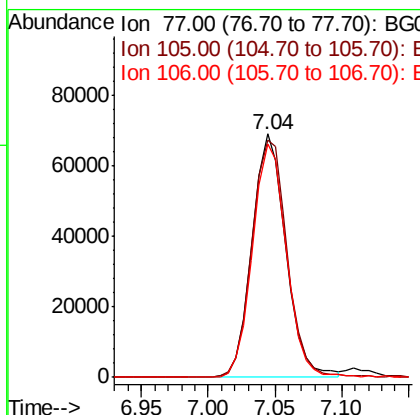
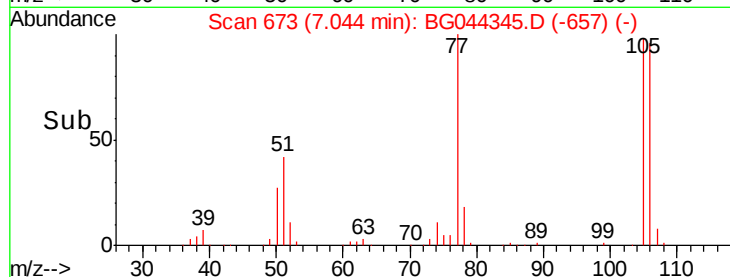
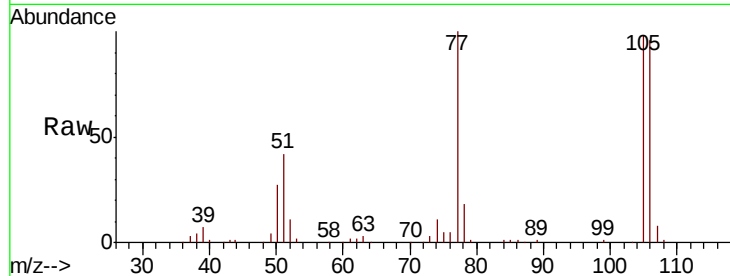
ClientSampleId :

06MSD

Tot Ion:	77	Resp:	120219
Ion	Ratio	Lower	Upper
77	100		
105	97.5	82.0	122.0
106	95.9	80.7	120.7

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#10

Phenol

Concen: 51.335 ng

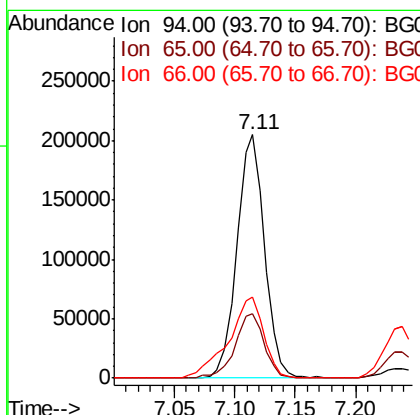
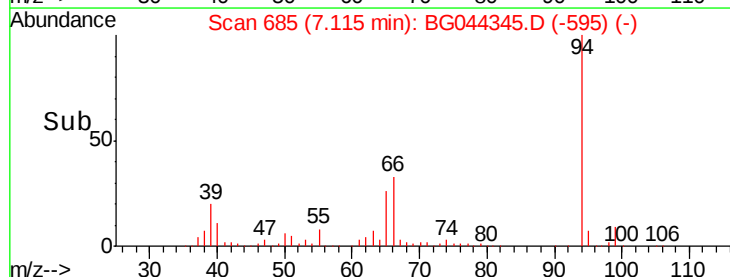
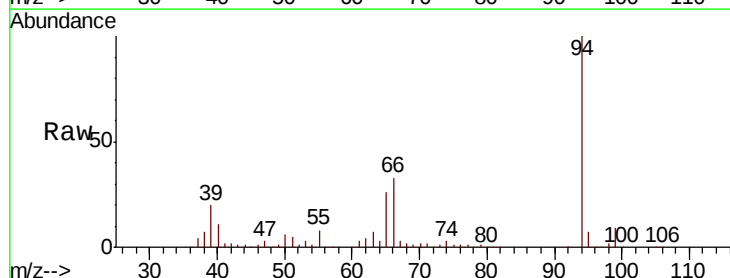
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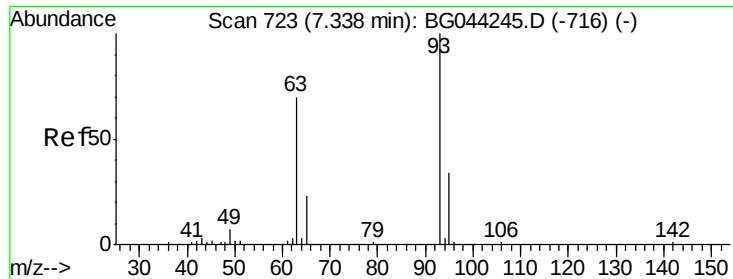
Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	94	Resp:	326864
Ion	Ratio	Lower	Upper
94	100		
65	26.3	7.0	47.0
66	33.1	12.7	52.7





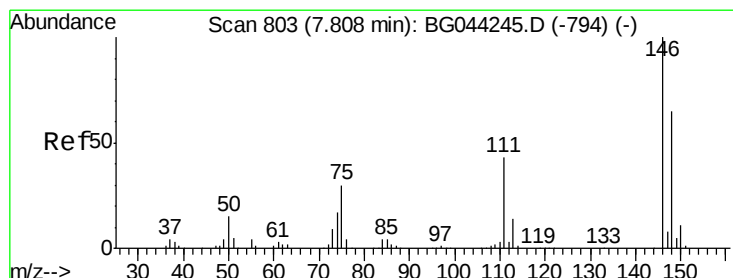
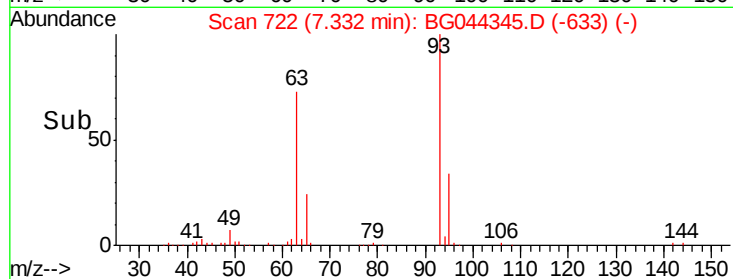
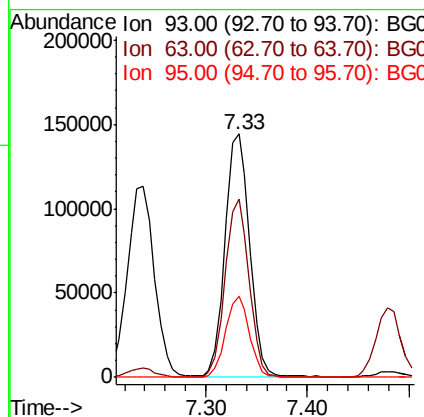
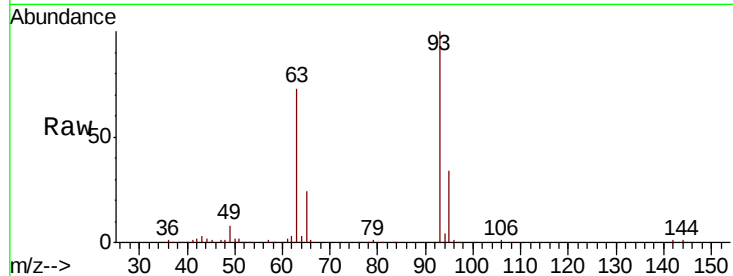
#11
bis(2-Chloroethyl)ether
Concen: 44.781 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	243769		
63	73.3		49.2	89.2
95	33.5		13.6	53.6

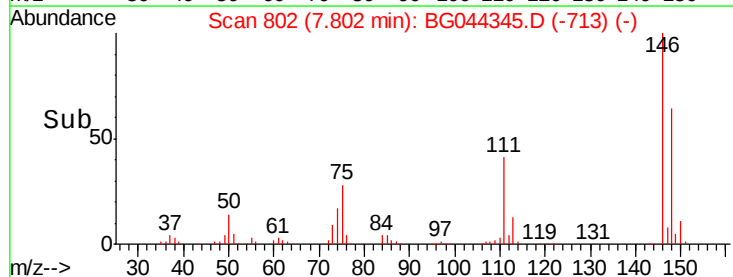
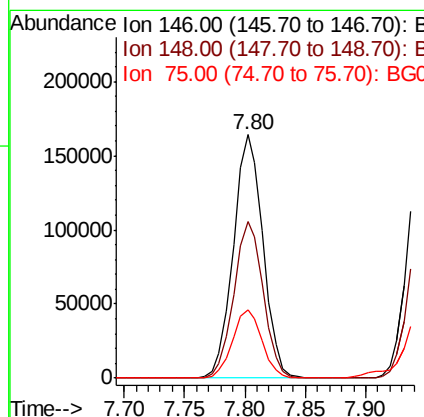
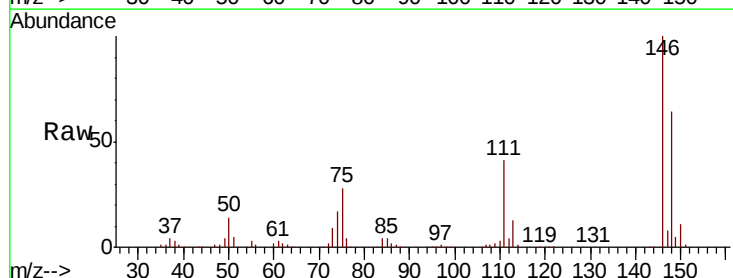
Manual Integrations
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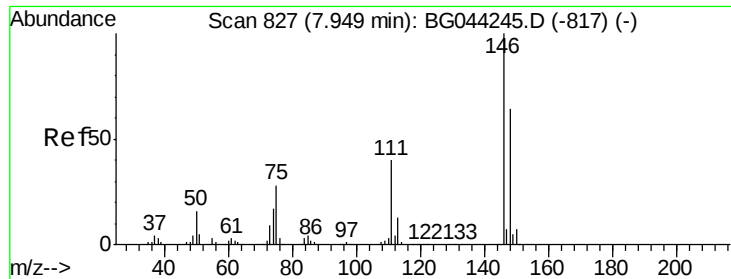
mohammad
2/11/2020 8:26:13 AM



#12
1,3-Dichlorobenzene
Concen: 44.440 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	279391		
148	64.1		51.8	77.8
75	28.3		23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 44.754 ng

RT: 7.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

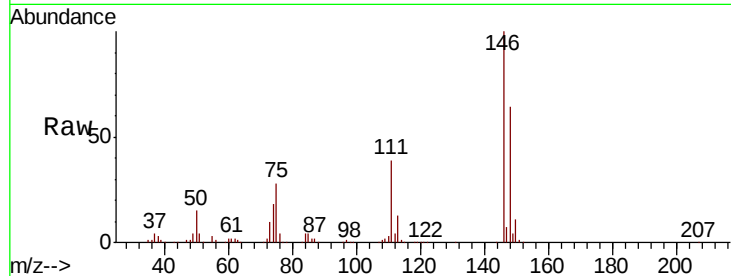
ClientSampleId :

06MSD

Tot Ion:	146	Resp:	278675
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.0
111	39.4	31.8	47.8

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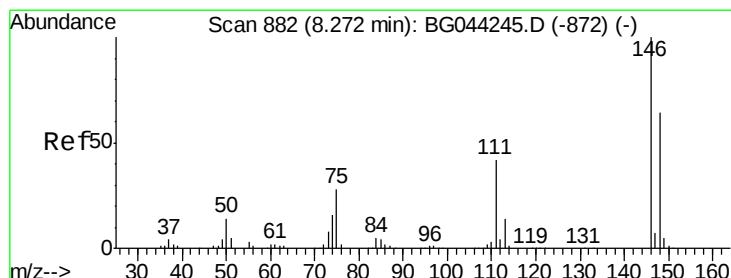
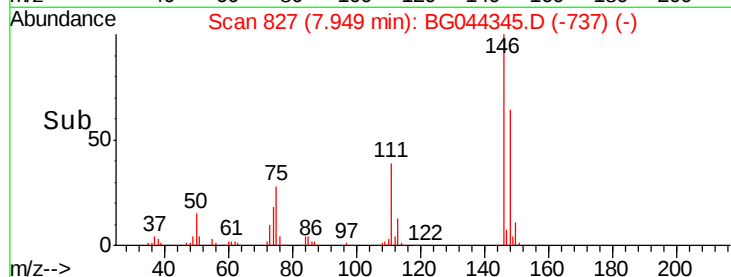
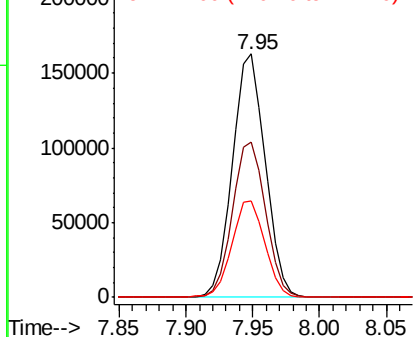


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.017 ng

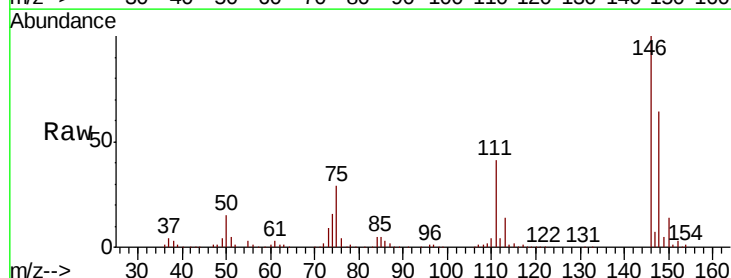
RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	146	Resp:	264948
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.2	76.8
111	41.5	34.0	51.0

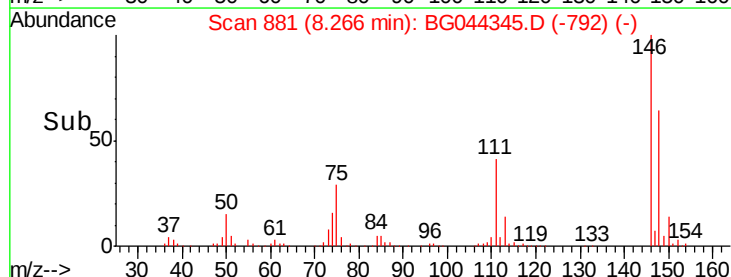
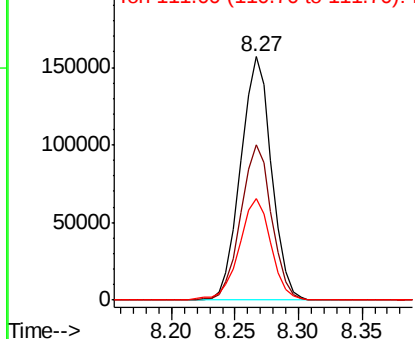


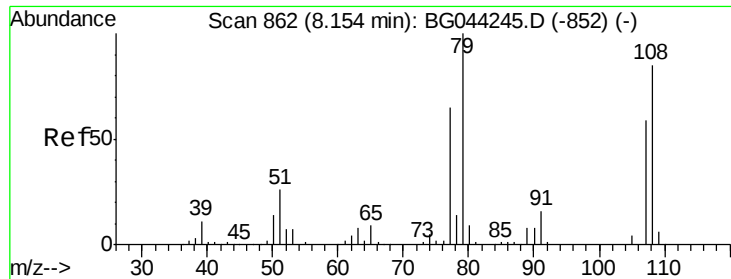
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





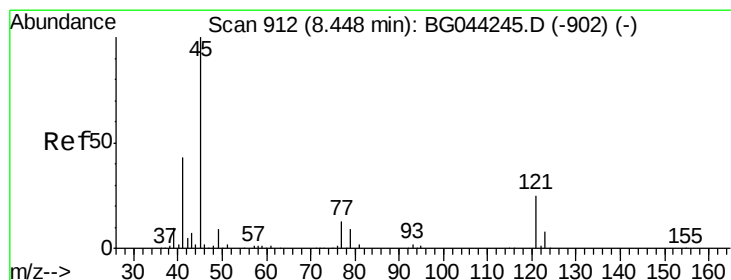
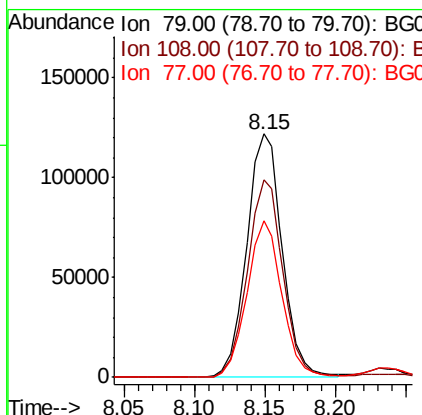
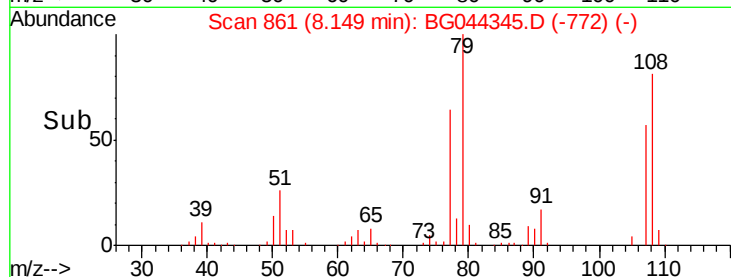
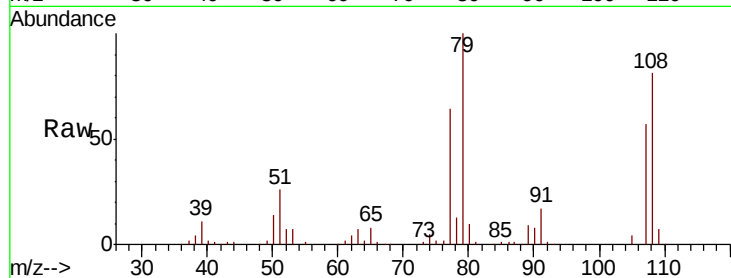
#15
Benzyl Alcohol
Concen: 47.155 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampled :
06MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	68.3	102.5
77	64.1	51.8	77.8

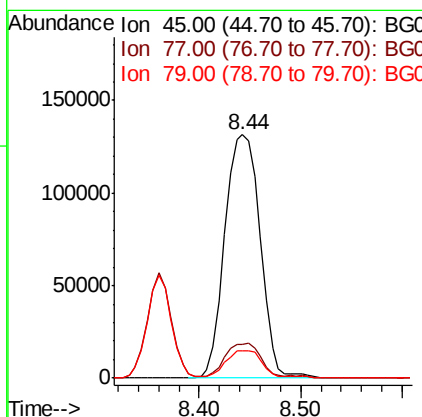
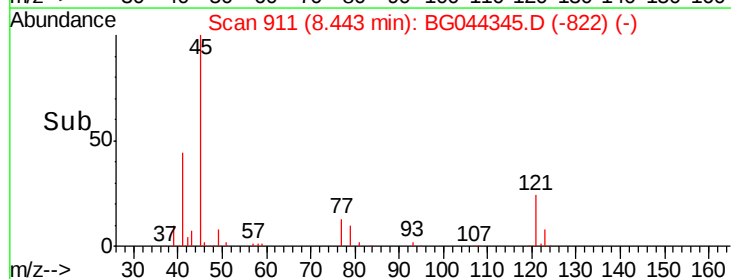
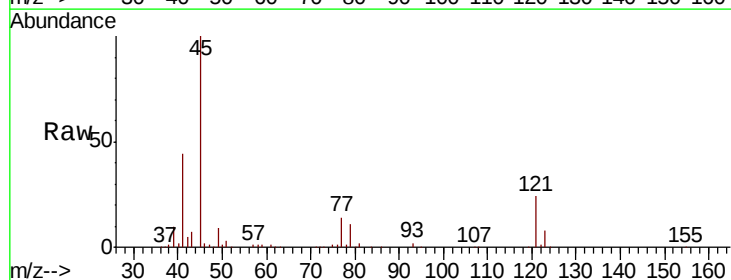
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.151 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	35.2
79	11.0	0.0	31.1





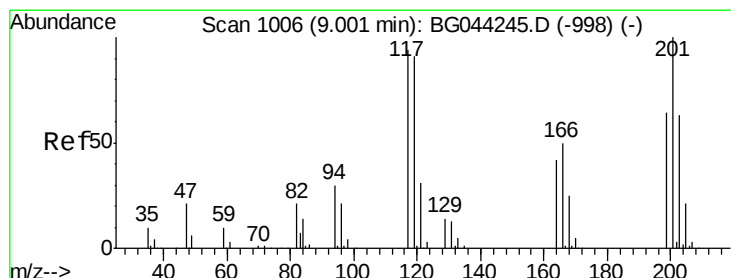
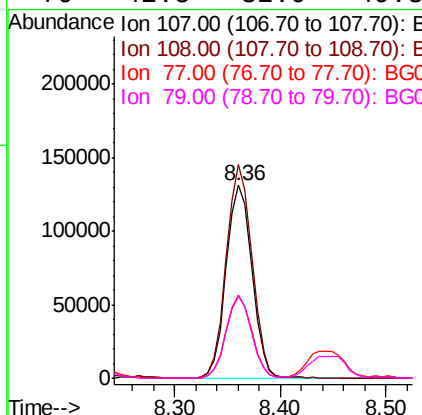
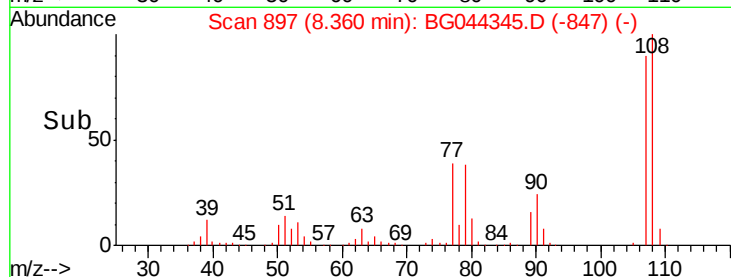
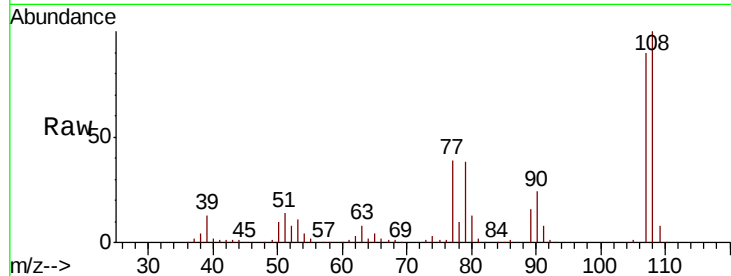
#17
2-Methylphenol
Concen: 49.120 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	86.4	129.6	
77	43.3	34.0	51.0	
79	42.5	32.9	49.3	

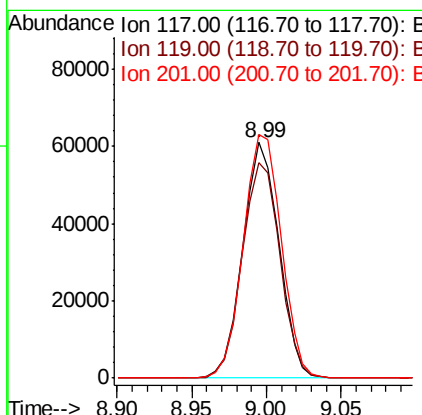
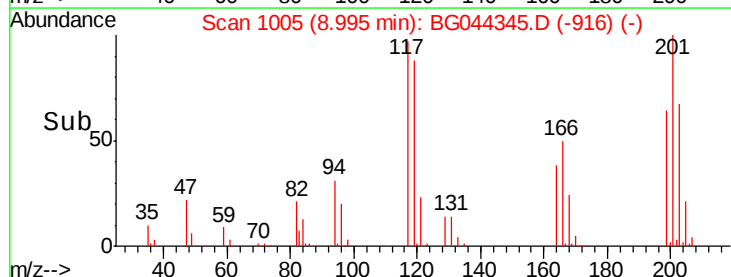
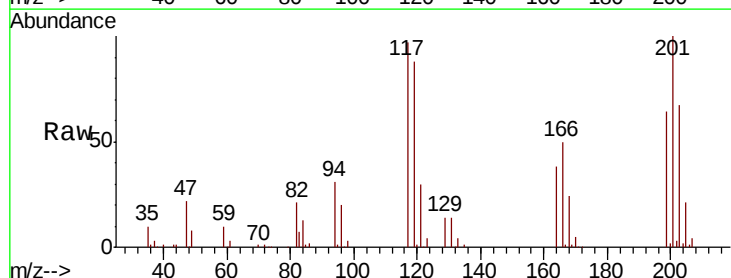
Manual Integrations
APPROVED

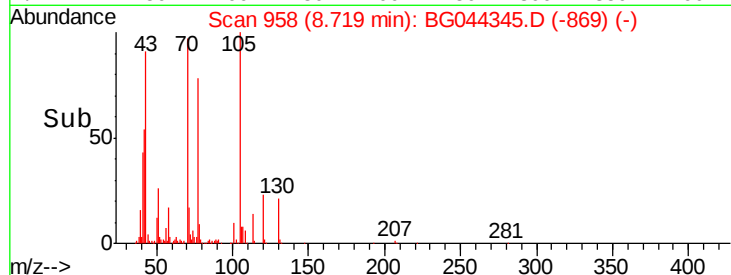
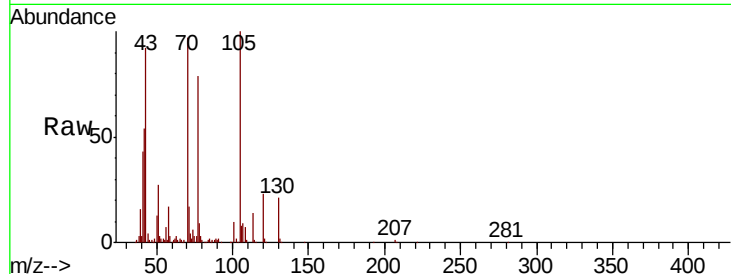
mohammad
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#18
Hexachloroethane
Concen: 43.787 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.5	77.5	116.3	
201	103.5	84.9	127.3	





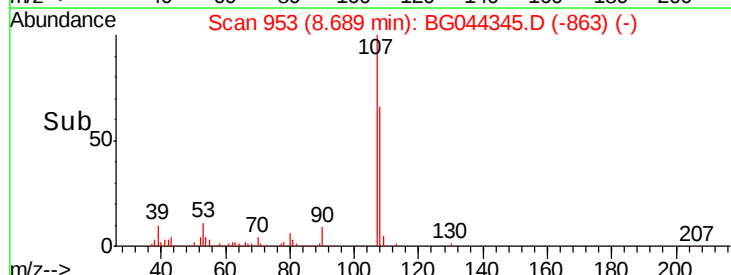
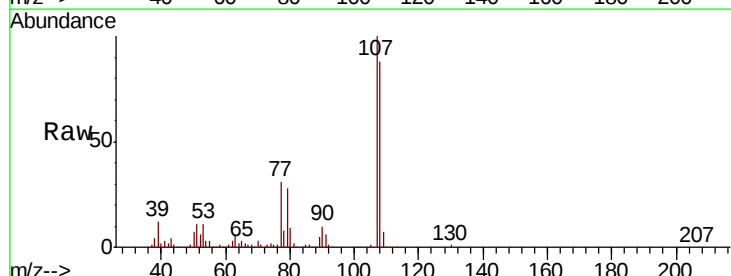
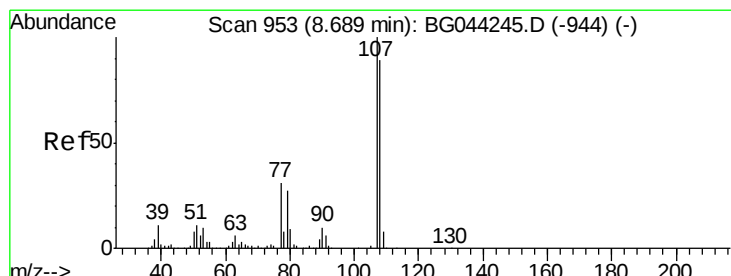
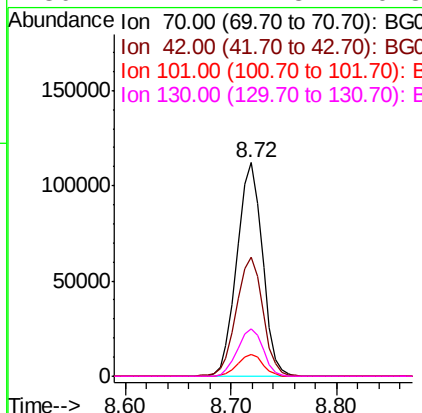
#19
n-Nitroso-di-n-propylamine
Concen: 43.700 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		187378		
42	55.5	46.2	69.2		
101	10.2	8.4	12.6		
130	22.2	17.8	26.8		

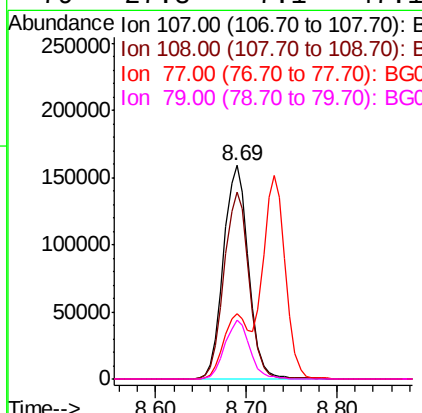
Manual Integrations
APPROVED

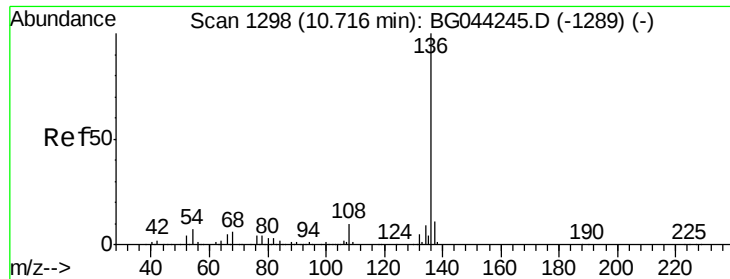
mohammad
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#20
3+4-Methylphenols
Concen: 48.678 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		304765		
108	87.6	68.5	108.5		
77	30.8	10.9	50.9		
79	27.8	7.1	47.1		





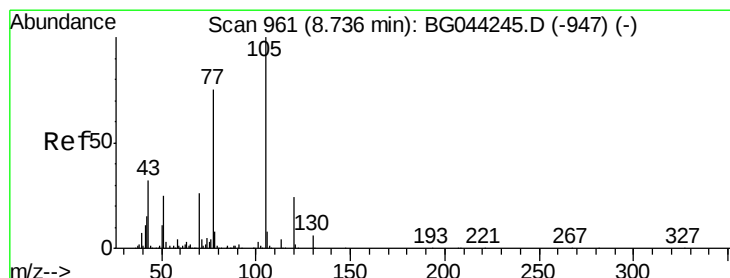
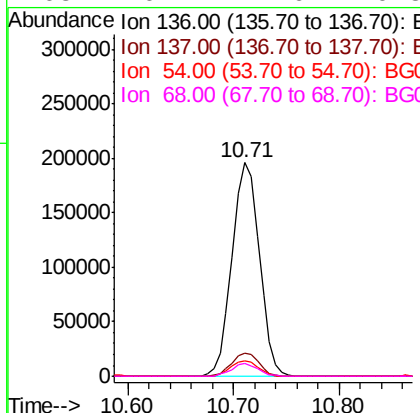
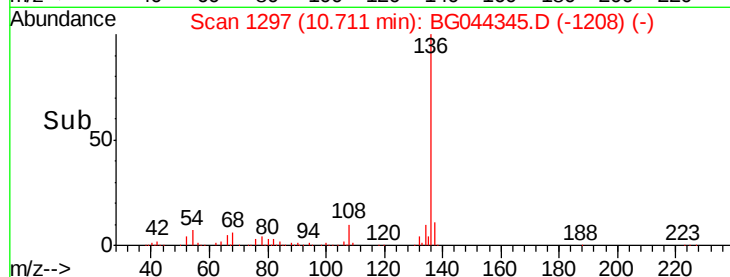
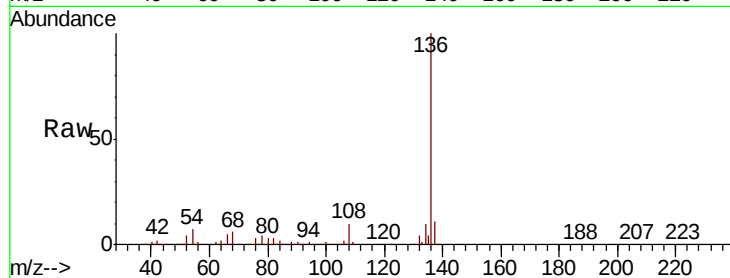
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	350231		
137	10.8		8.8	13.2
54	7.2		5.8	8.8
68	6.2		4.6	6.8

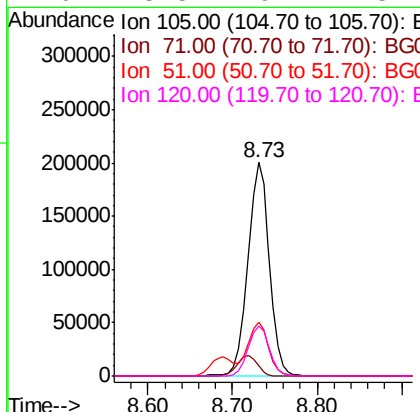
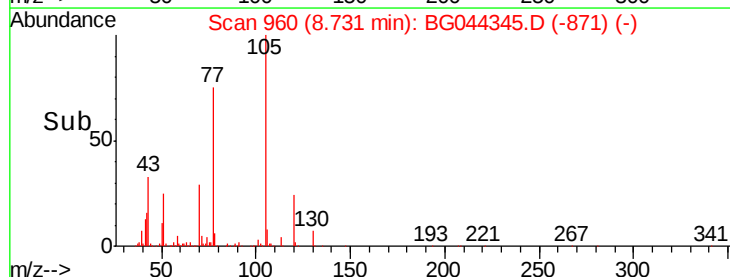
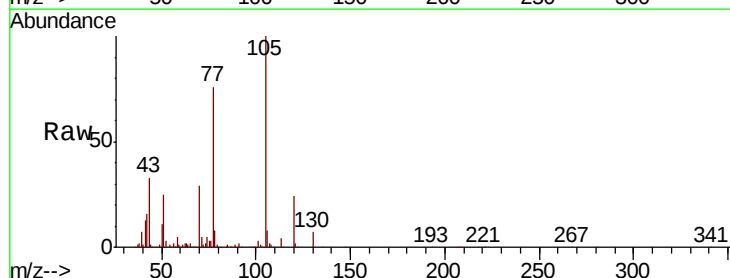
Manual Integrations
APPROVED

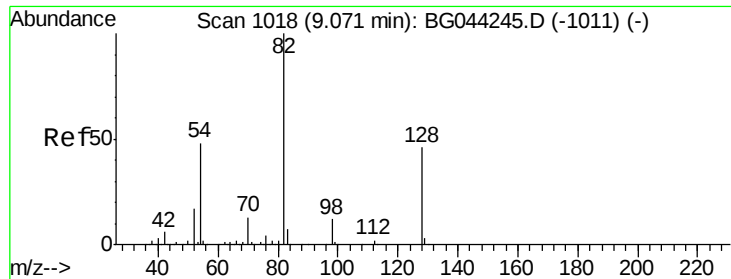
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#22
Acetophenone
Concen: 41.508 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	353652		
71	4.5		3.4	5.0
51	25.0		20.2	30.4
120	23.5		19.1	28.7





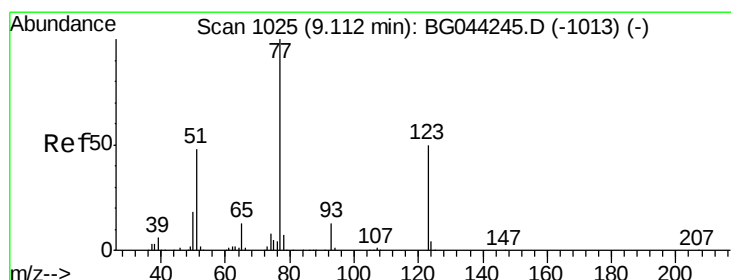
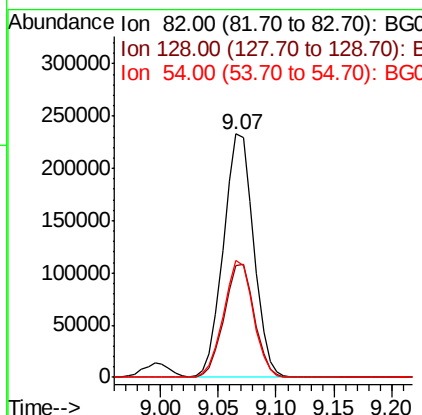
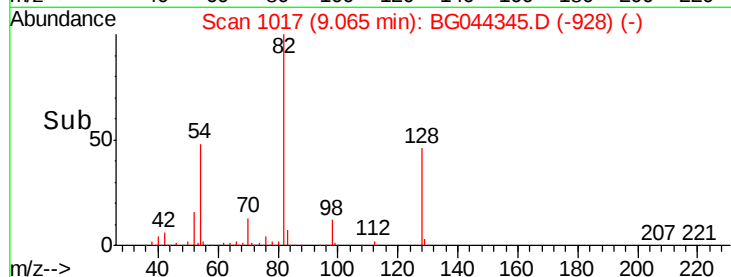
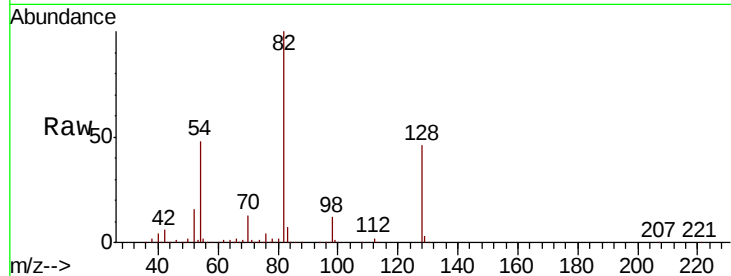
#23
Nitrobenzene-d5
Concen: 68.014 ng
RT: 9.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	47.9	38.6	58.0

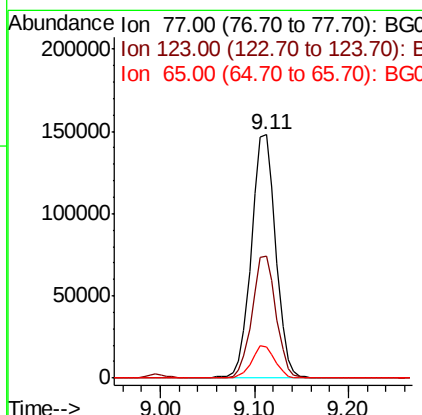
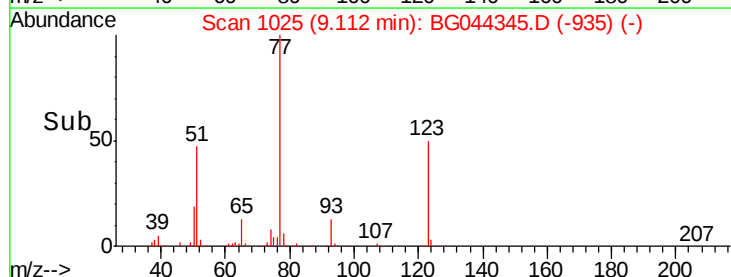
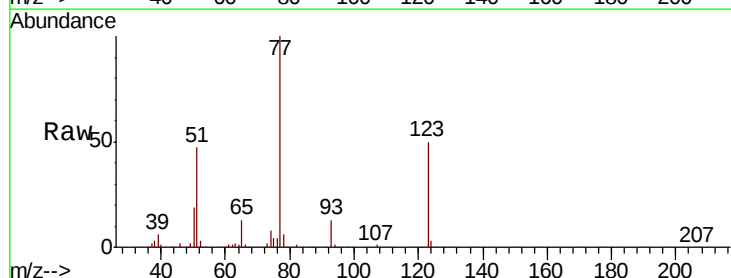
Manual Integrations
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#24
Nitrobenzene
Concen: 44.017 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	39.9	59.9
65	12.8	10.4	15.6





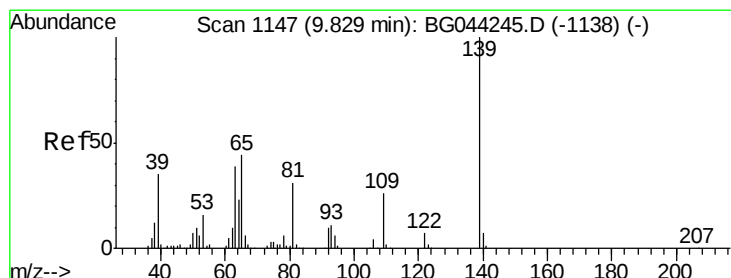
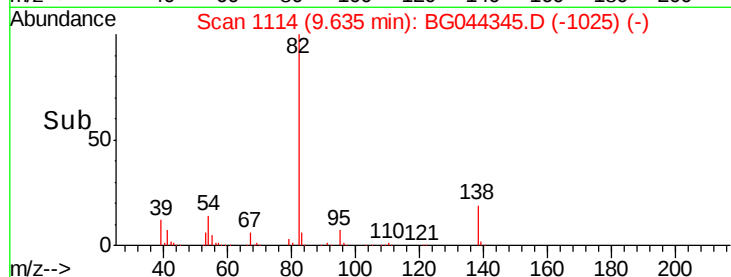
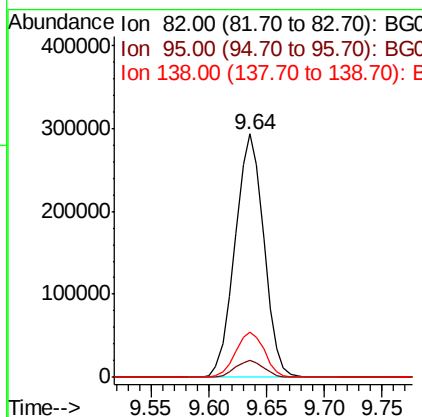
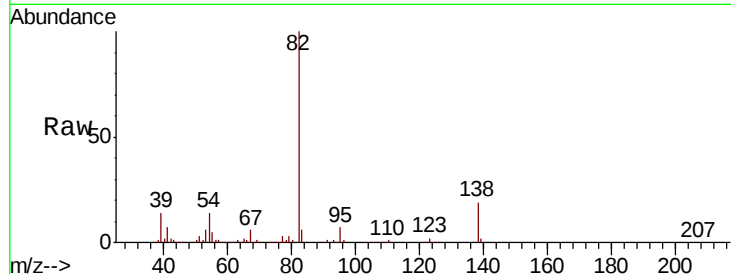
#25
Isophorone
Concen: 43.821 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	506684		
95	7.1		5.7	8.5
138	18.7		15.0	22.4

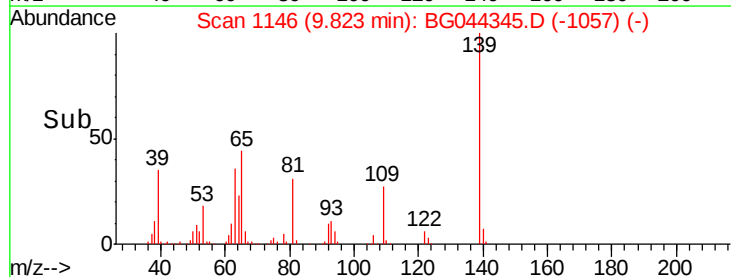
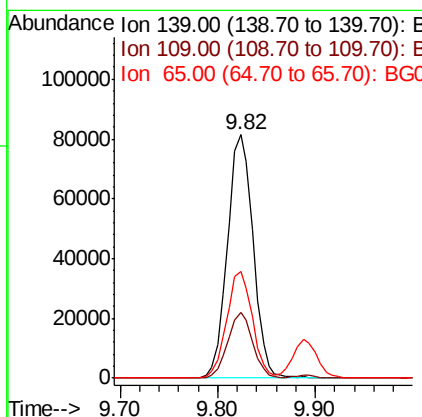
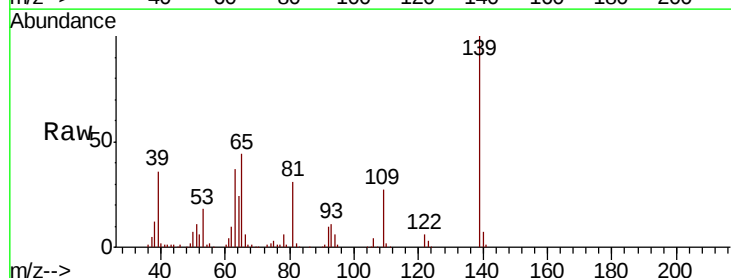
Manual Integrations
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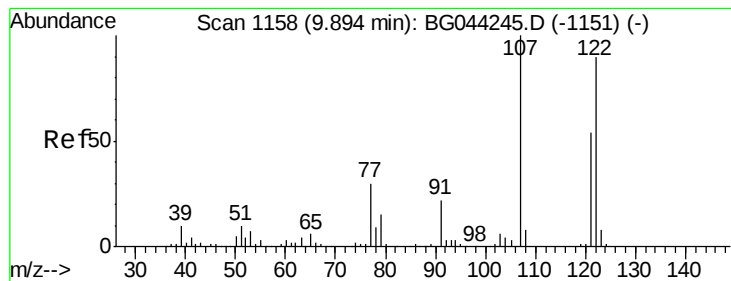
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#26
2-Nitrophenol
Concen: 47.380 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	148891		
109	26.9		21.0	31.4
65	44.1		35.0	52.4





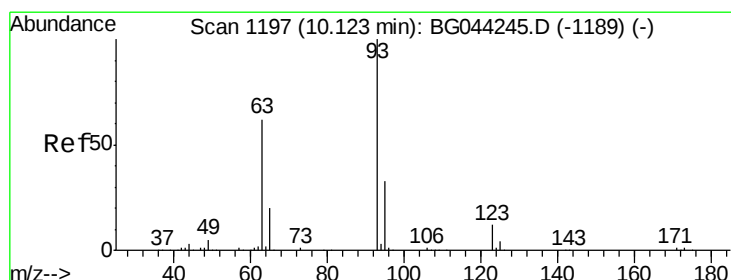
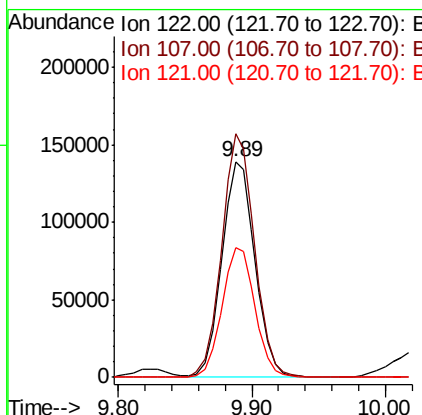
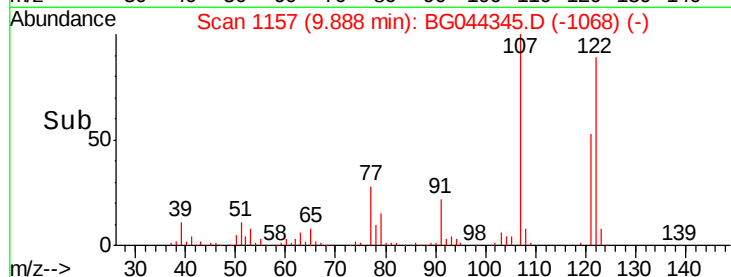
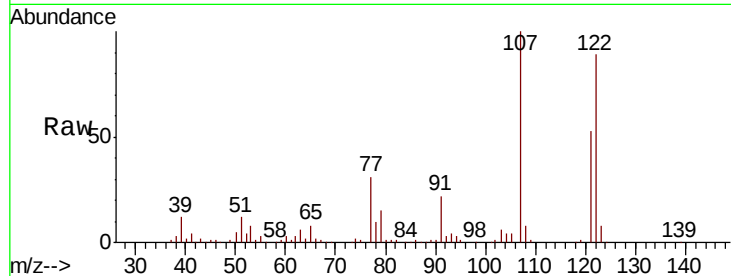
#27
2,4-Dimethylphenol
Concen: 54.085 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		239921		
107	112.8	88.8	133.2		
121	60.1	48.3	72.5		

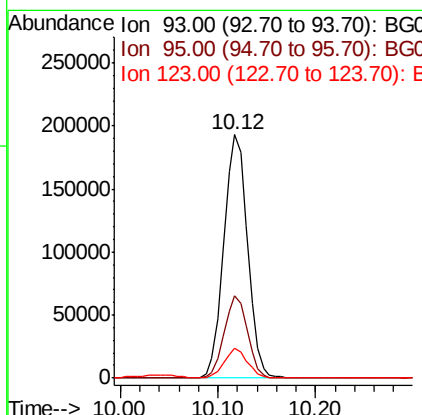
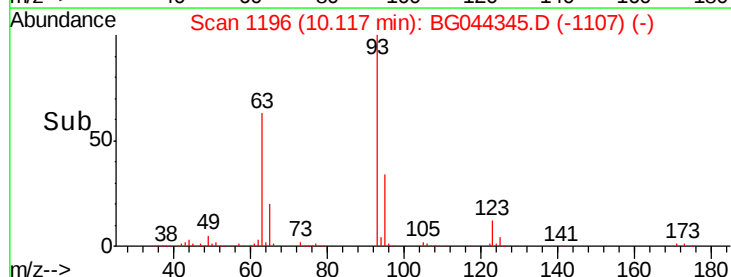
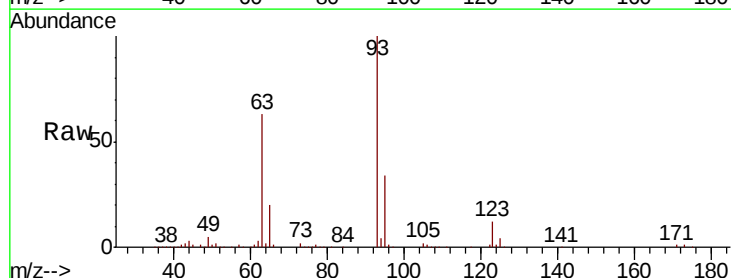
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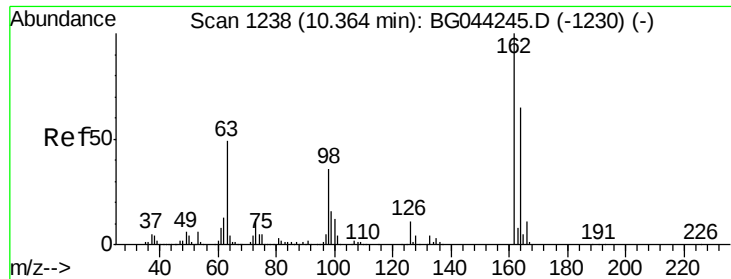
mohammad
2/11/2020 8:26:13 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.192 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		325447		
95	33.7	26.6	40.0		
123	12.2	10.0	15.0		





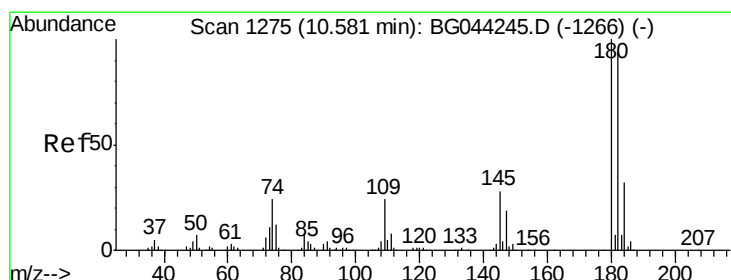
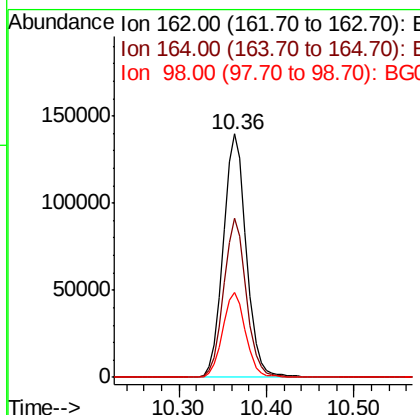
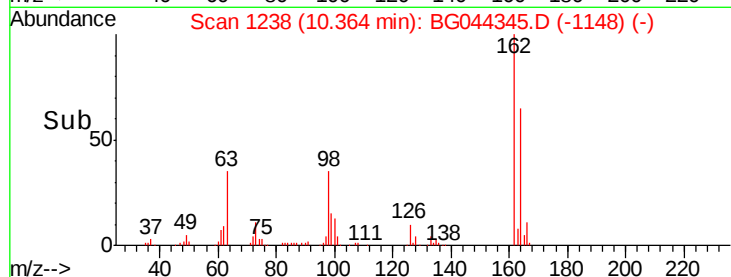
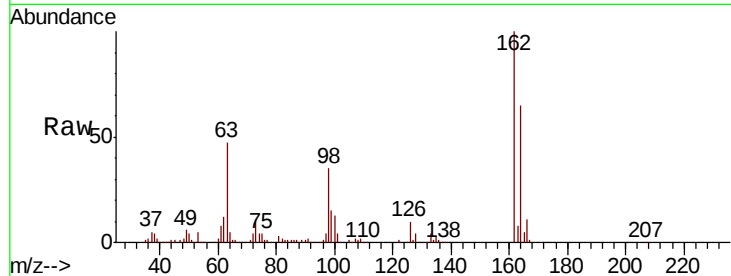
#29
 2,4-Dichlorophenol
 Concen: 47.161 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 06MSD

Tot Ion:	162	Resp:	252964
Ion Ratio		Lower	Upper
162	100		
164	65.4	44.7	84.7
98	34.8	15.8	55.8

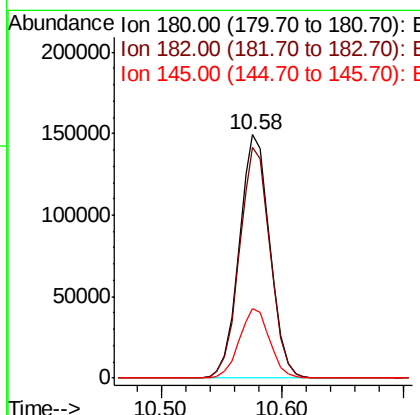
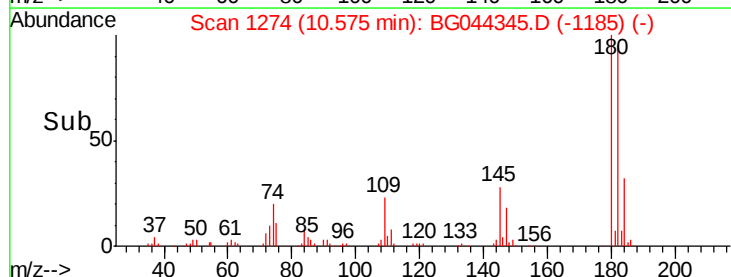
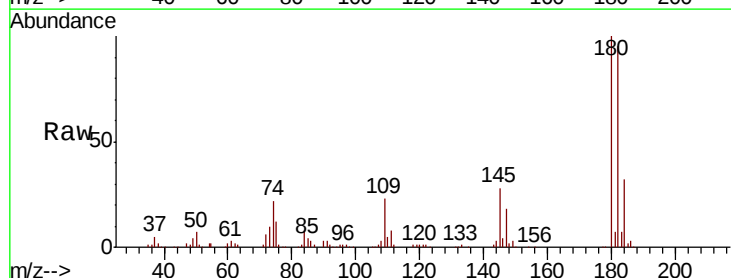
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.701 ng
 RT: 10.58 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion:	180	Resp:	262632
Ion Ratio		Lower	Upper
180	100		
182	94.7	75.5	113.3
145	28.5	22.6	34.0





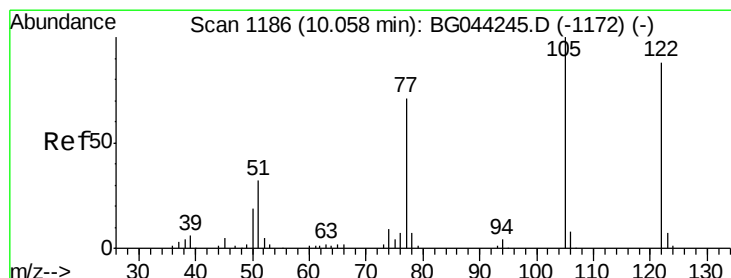
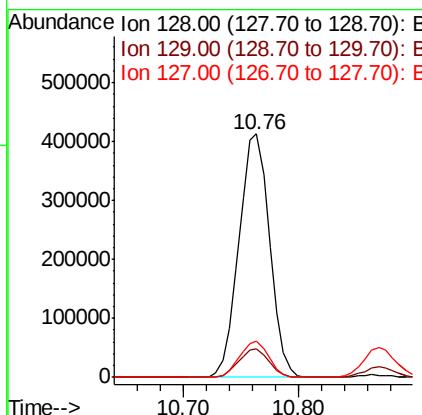
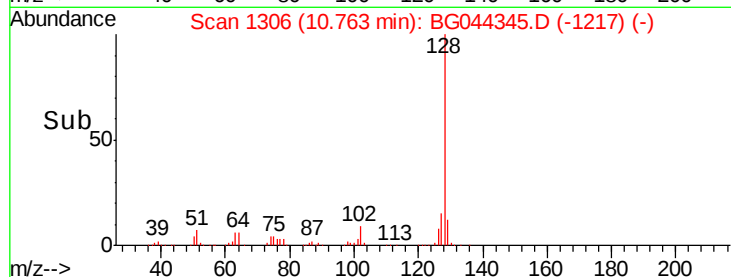
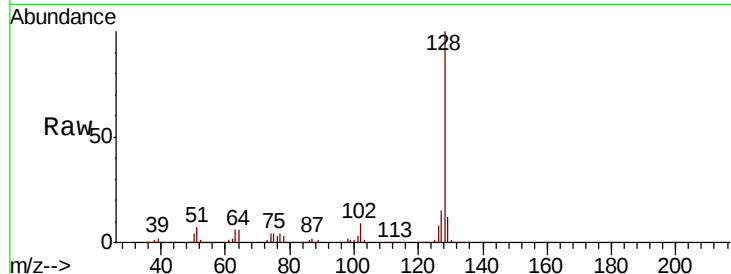
#31
Naphthalene
Concen: 44.752 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampled :
06MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	15.0	11.6	17.4

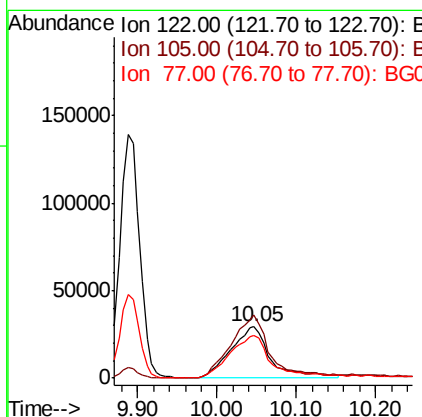
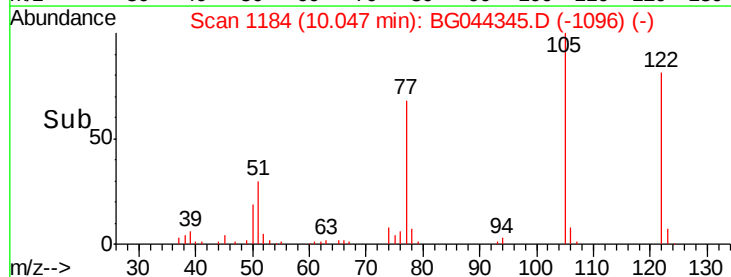
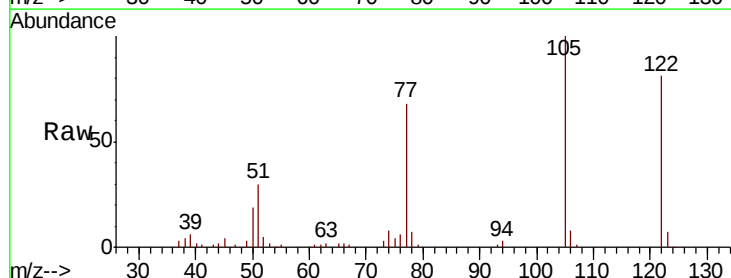
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#32
Benzoic acid
Concen: 37.898 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	93.5	133.5
77	83.8	61.0	101.0





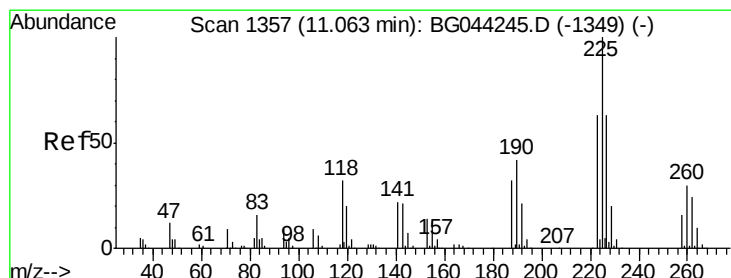
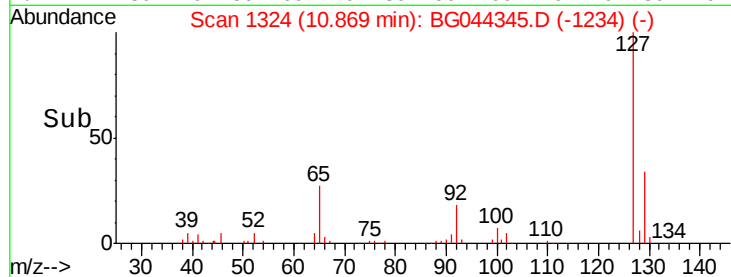
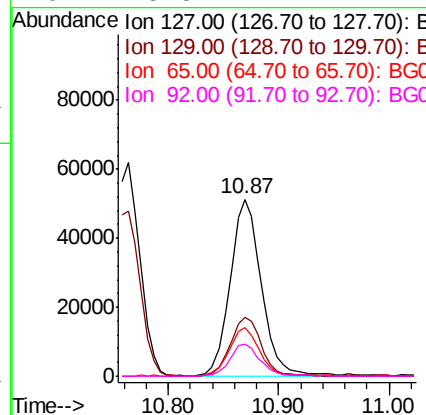
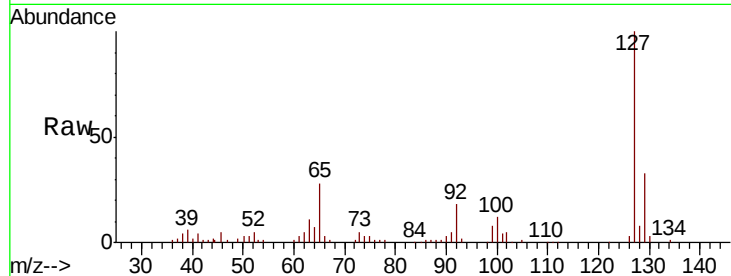
#33
4-Chloroaniline
Concen: 13.229 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampled :
06MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	26.6	40.0	
65	27.6	22.5	33.7	
92	18.3	14.1	21.1	

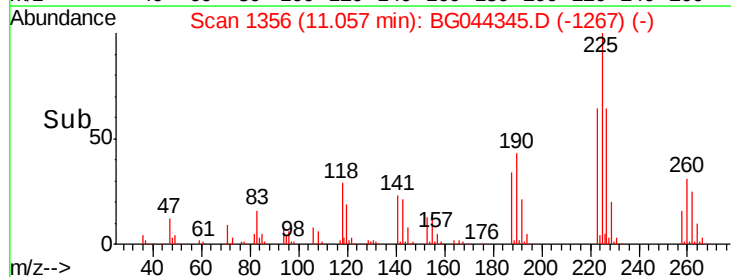
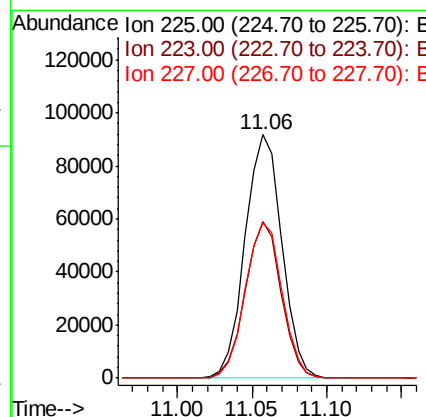
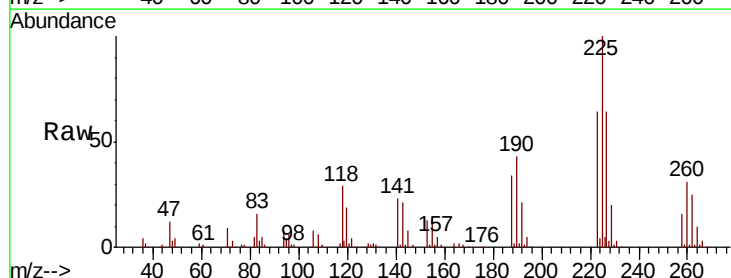
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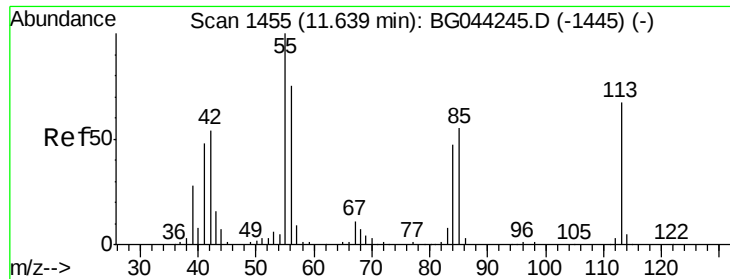
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#34
Hexachlorobutadiene
Concen: 41.337 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	50.2	75.4	
227	63.9	50.8	76.2	





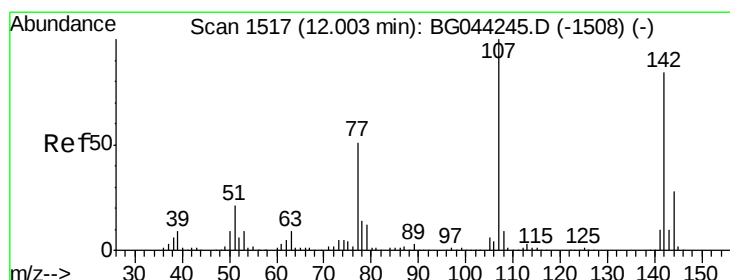
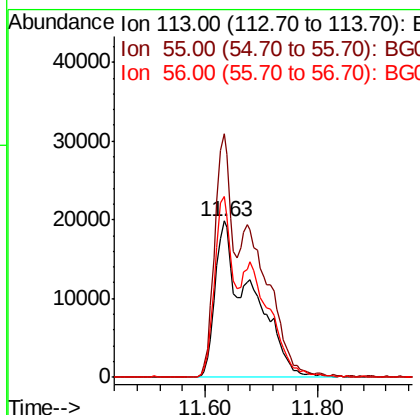
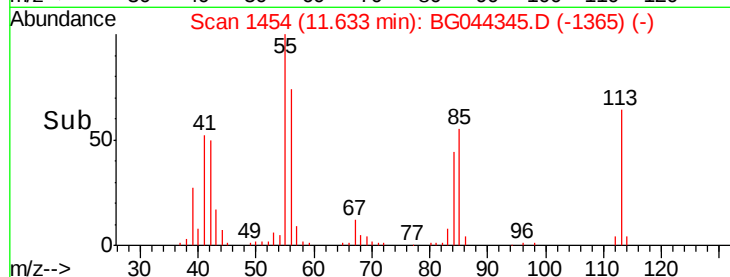
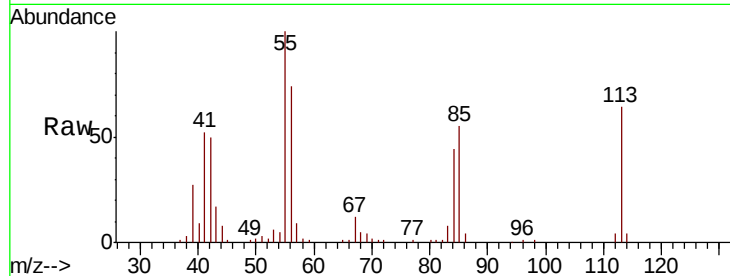
#35
 Caprolactam
 Concen: 45.341 ng/ml
 RT: 11.63 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Instrument :
 BNA_G
 ClientSampleID :
 06MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.7	129.9	169.9
56	115.7	92.5	132.5

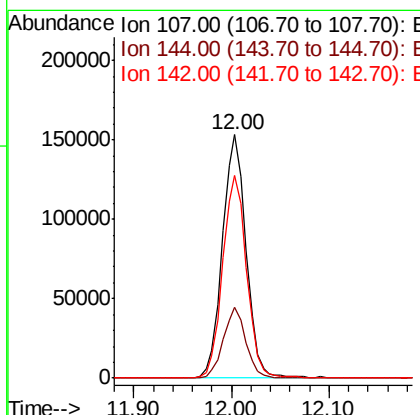
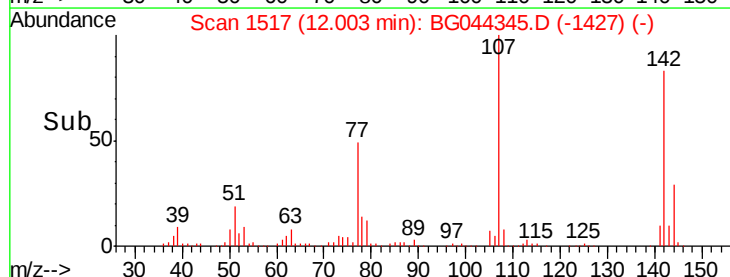
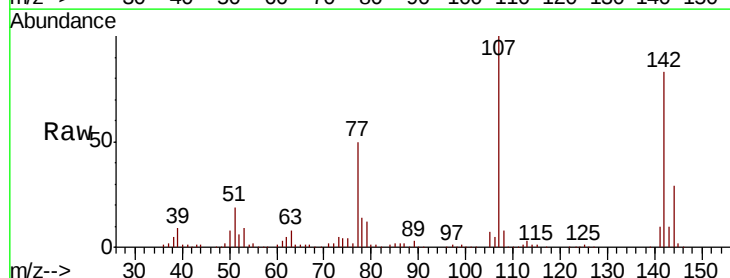
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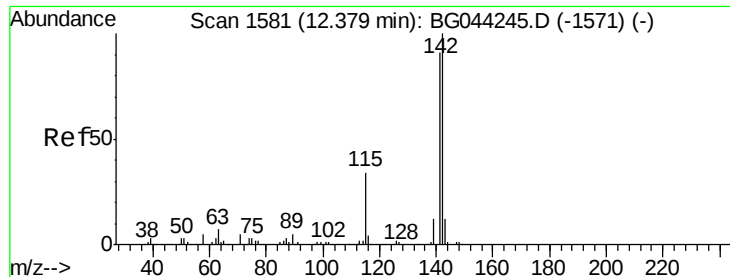
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#36
 4-Chloro-3-methylphenol
 Concen: 45.834 ng/ml
 RT: 12.00 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	22.2	33.4
142	83.1	67.4	101.0





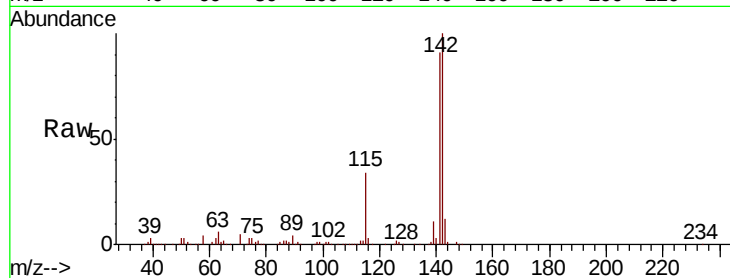
#37
2-Methylnaphthalene
Concen: 43.994 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.2	109.8
115	34.4	27.1	40.7

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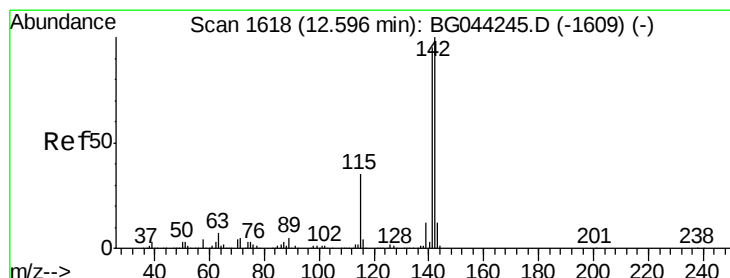
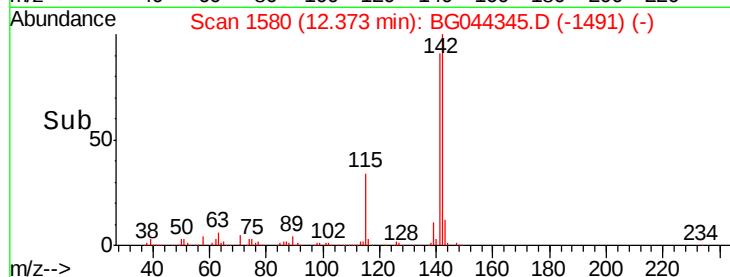
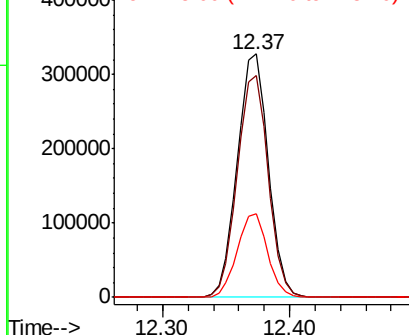


Abundance

Ion 142.00 (141.70 to 142.70): E

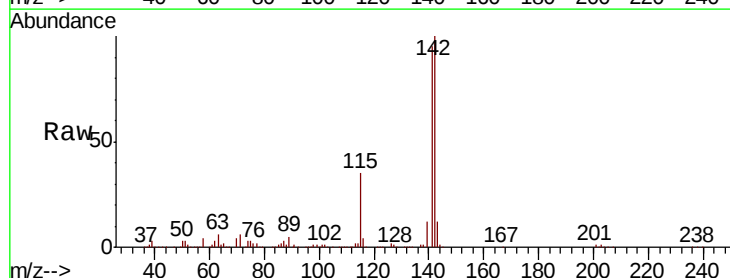
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.384 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.8	113.6
116	3.7	3.1	4.7

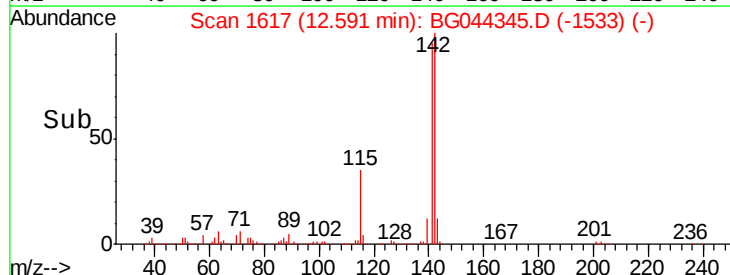
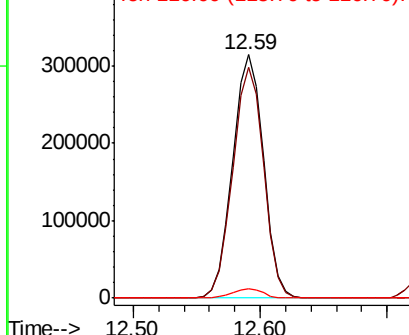


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





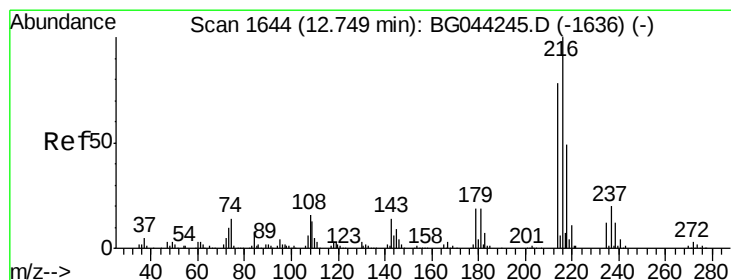
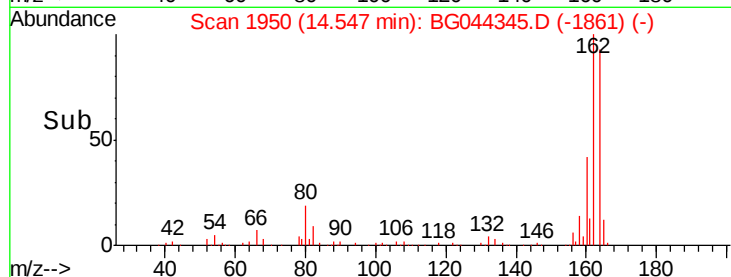
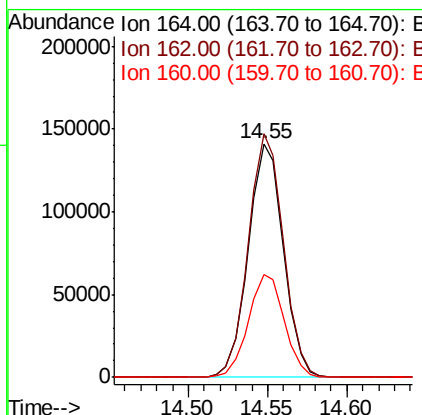
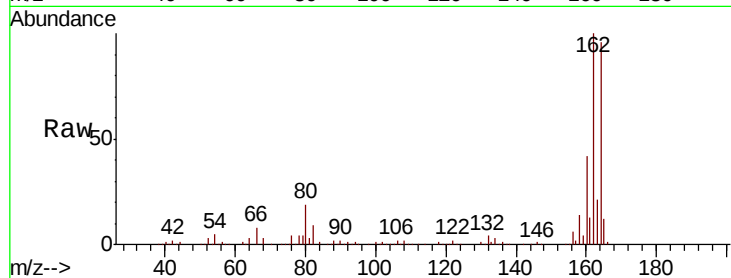
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	80.7	121.1	
160	43.7	35.3	52.9	

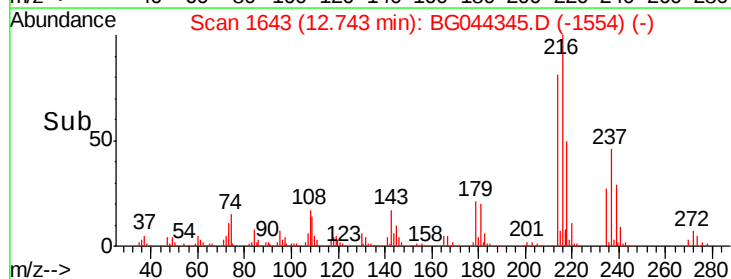
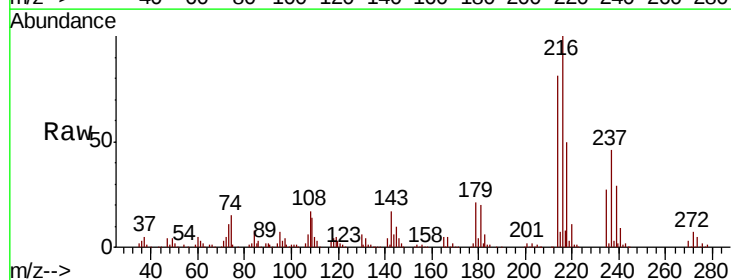
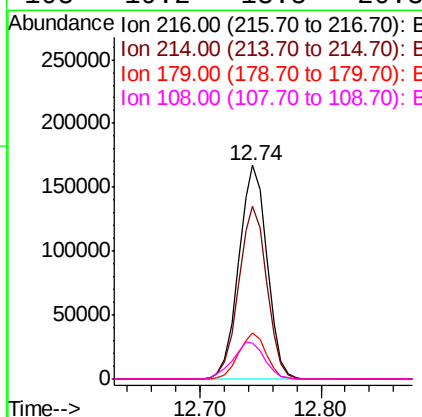
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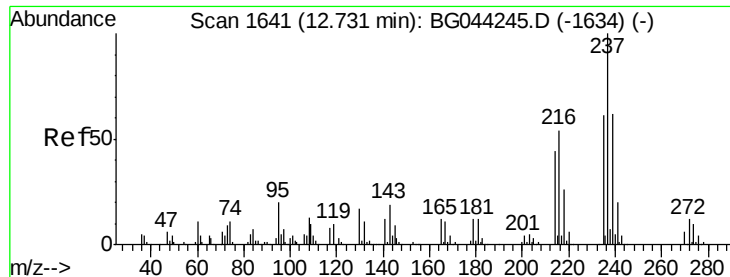
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.035 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.6	63.0	94.6	
179	20.9	16.2	24.4	
108	19.2	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 109.037 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

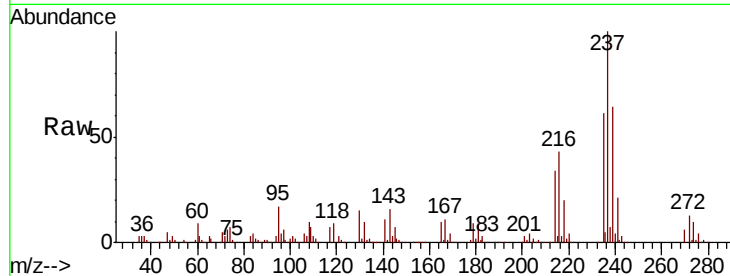
ClientSampleId :

06MSD

Tot Ion:	237	Resp:	339467
Ion Ratio	Lower	Upper	
237	100		
235	61.3	41.2	81.2
272	13.4	0.0	32.4

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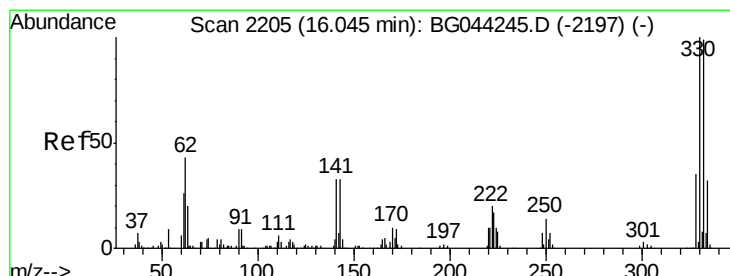
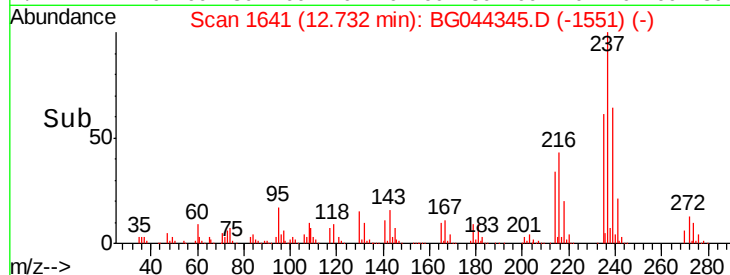
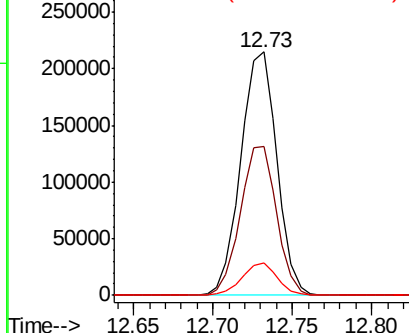


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.296 ng

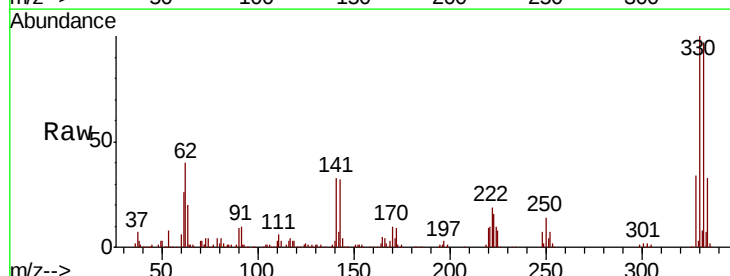
RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	330	Resp:	268122
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.2	115.8
141	35.3	28.3	42.5

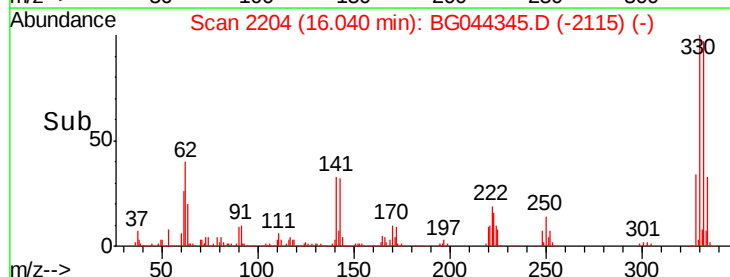
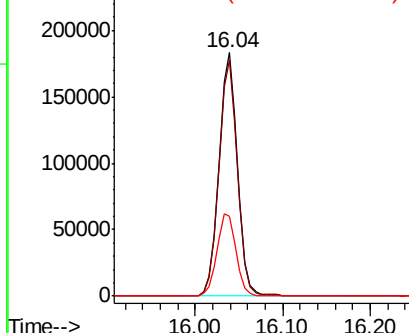


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





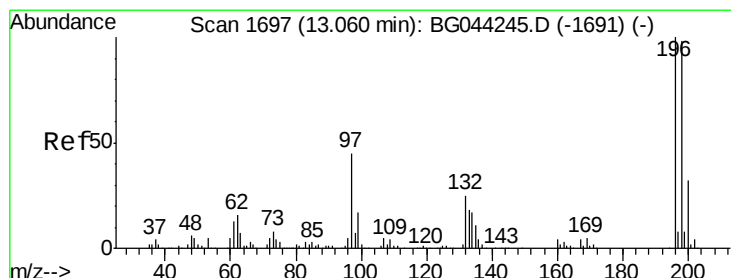
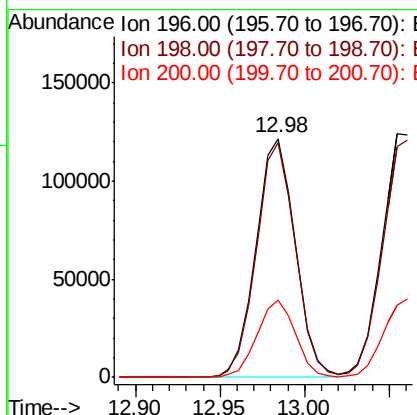
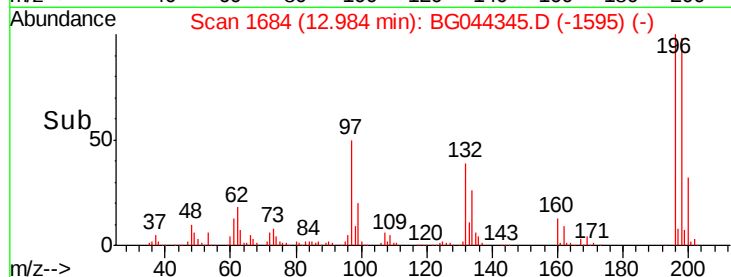
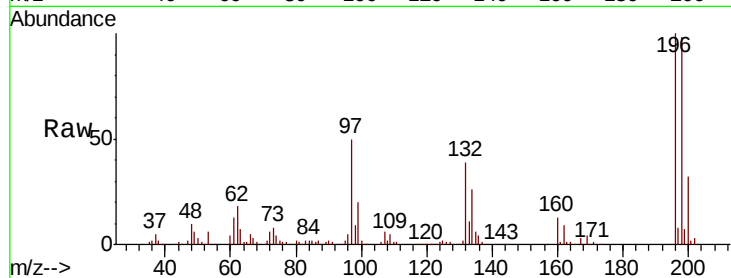
#43
 2,4,6-Trichlorophenol
 Concen: 46.851 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Instrument :
 BNA_G
 ClientSampled :
 06MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196490		
198	98.4	79.3	118.9	
200	32.4	25.7	38.5	

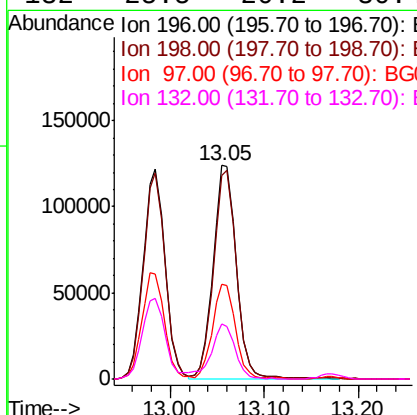
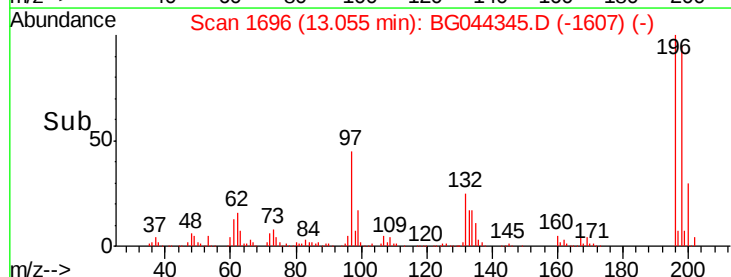
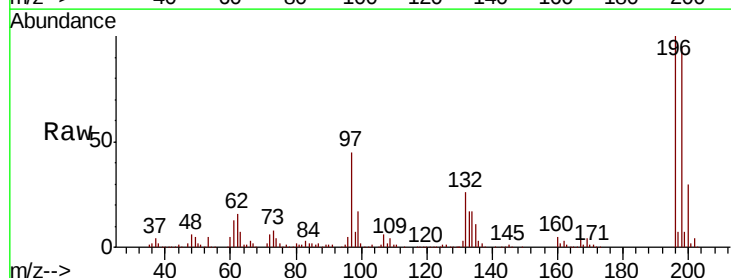
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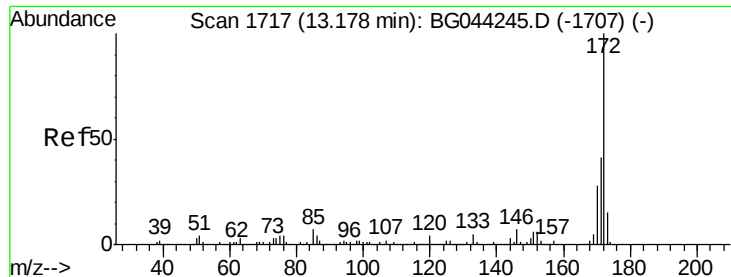
mohammad
 2/11/2020 8:26:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.825 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213435		
198	95.0	78.2	117.2	
97	44.6	36.2	54.4	
132	25.5	20.2	30.4	





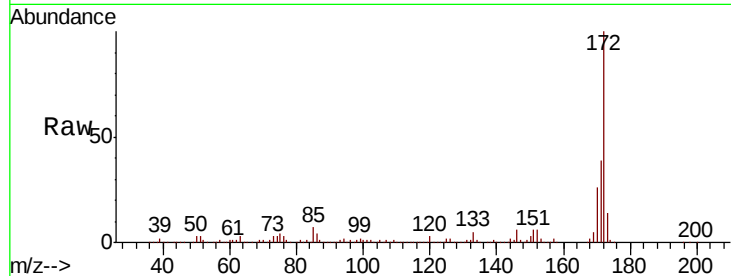
#45
2-Fluorobiphenyl
Concen: 71.226 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	39.2	32.9	49.3
170	26.3	22.0	33.0

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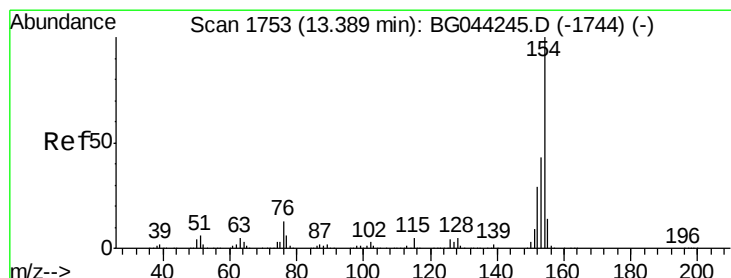
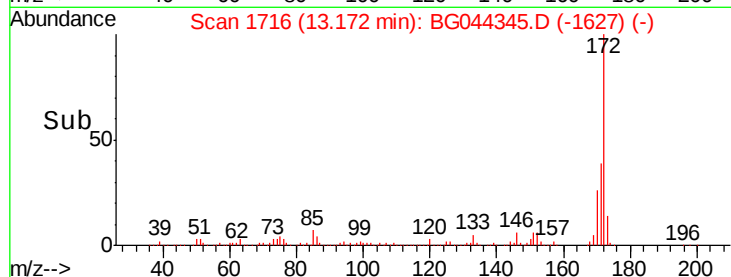
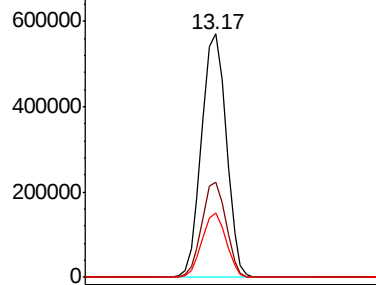


Abundance

Ion 172.00 (171.70 to 172.70): E

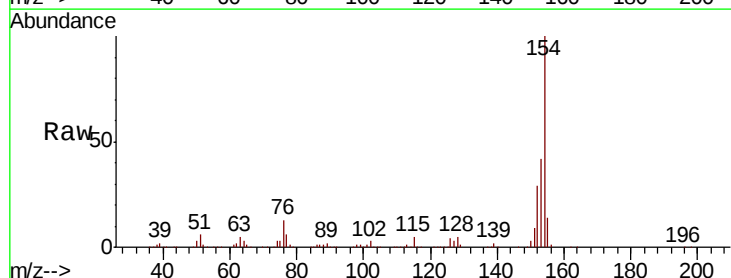
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.539 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	42.1	22.7	62.7
76	12.8	0.0	32.9

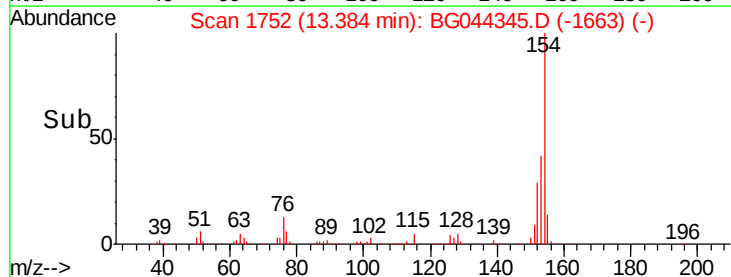
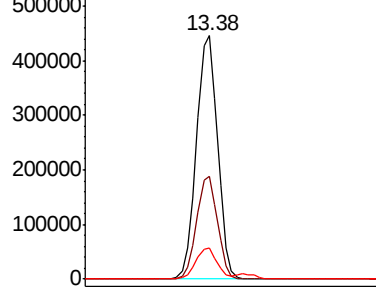


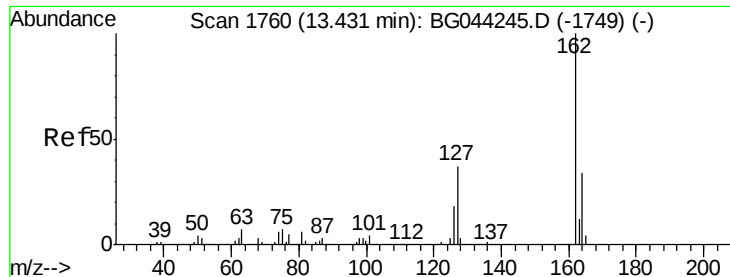
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





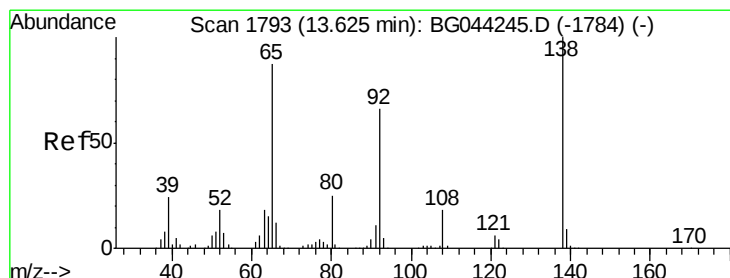
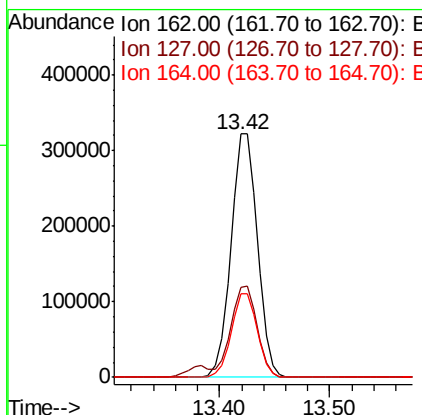
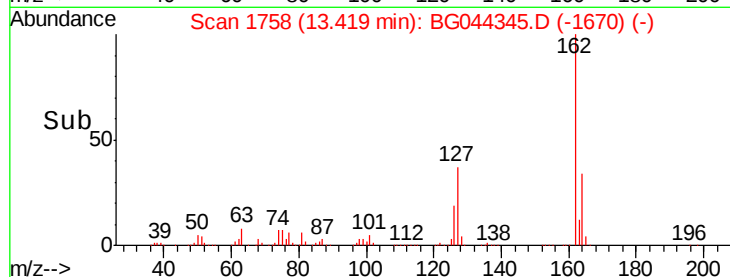
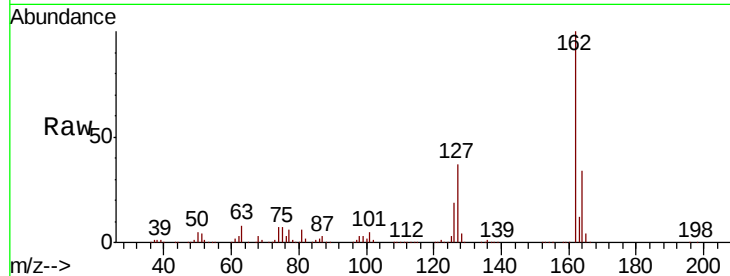
#47
2-Chloronaphthalene
Concen: 43.511 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.0	45.0
164	34.3	27.2	40.8

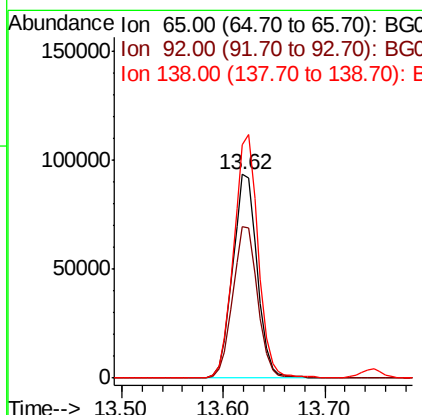
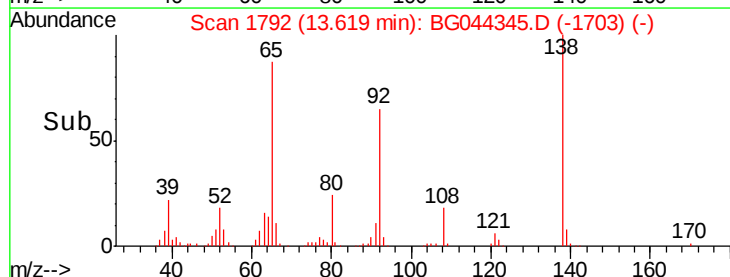
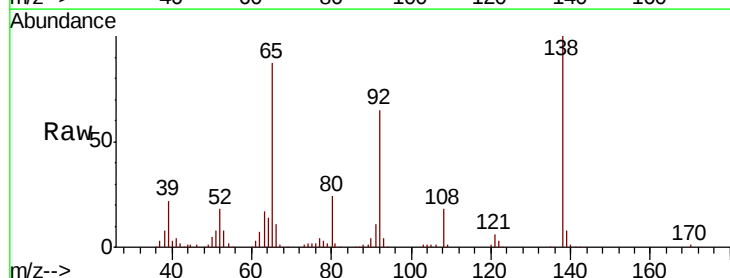
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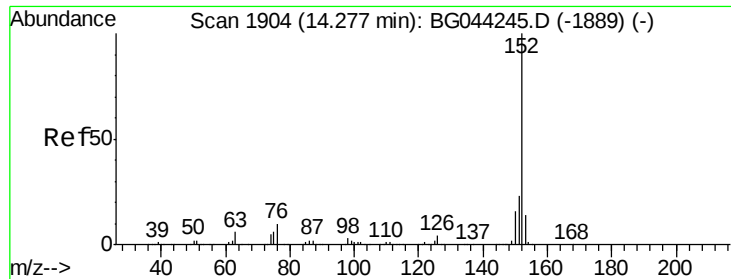
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#48
2-Nitroaniline
Concen: 42.706 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	60.3	90.5
138	114.9	91.9	137.9





#49

Acenaphthylene

Concen: 46.761 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

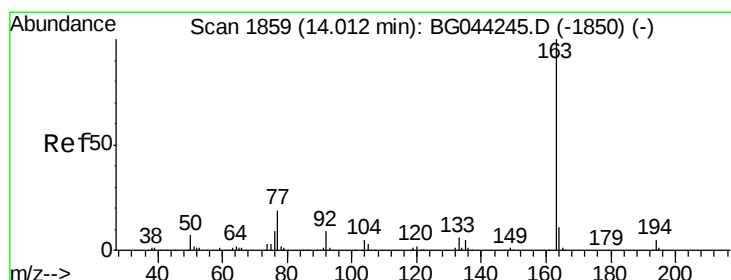
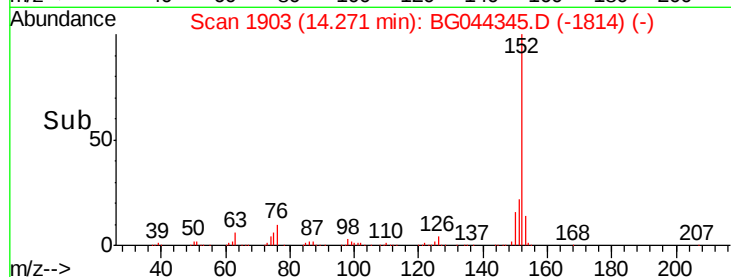
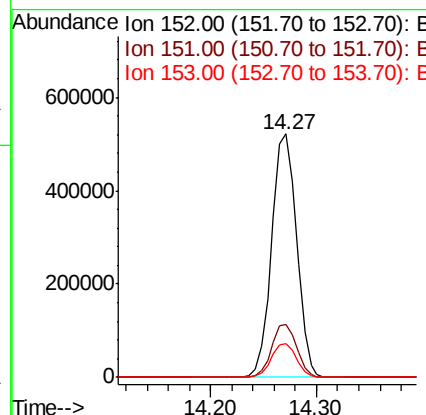
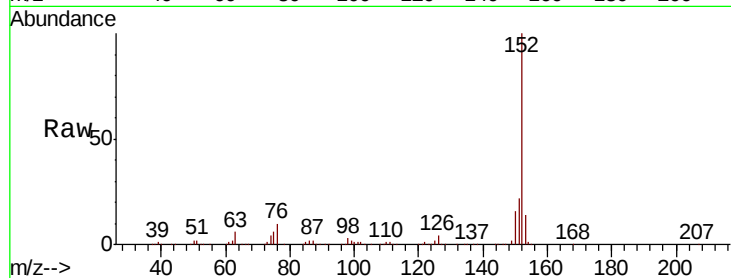
ClientSampleId :

06MSD

Tot Ion:	152	Resp:	853894
Ion Ratio	Lower	Upper	
152	100		
151	21.7	18.1	27.1
153	14.0	11.5	17.3

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#50

Dimethylphthalate

Concen: 45.722 ng

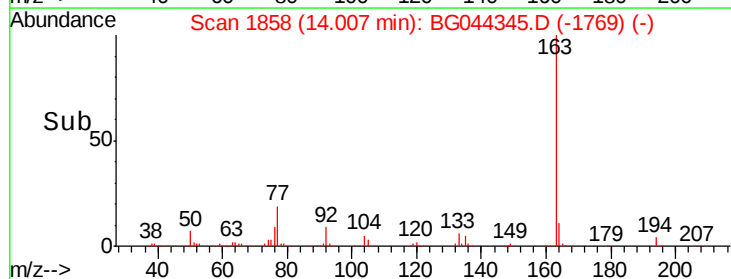
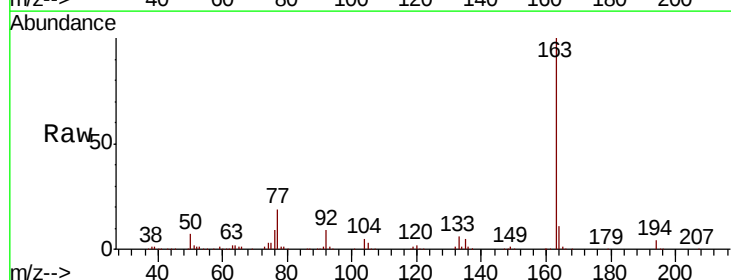
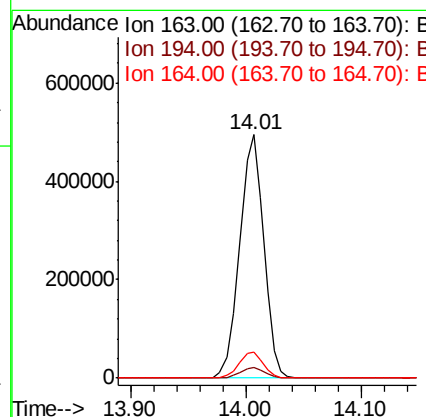
RT: 14.01 min Scan# 1858

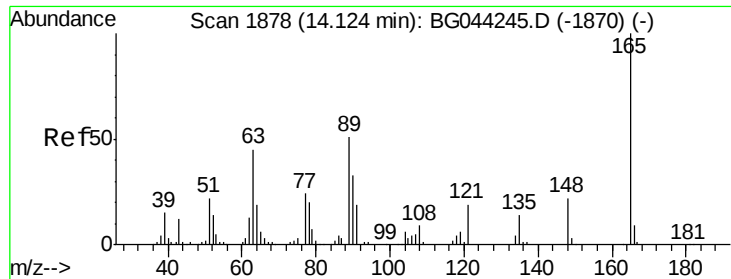
Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	163	Resp:	712889
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.8	8.7	13.1





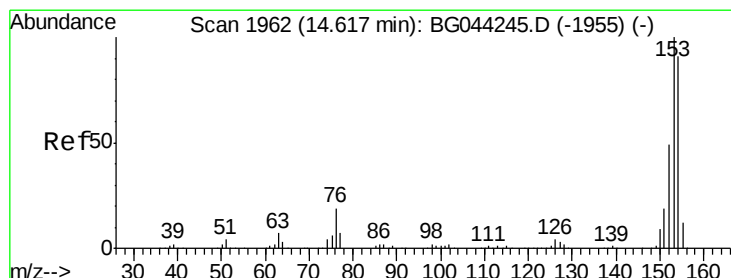
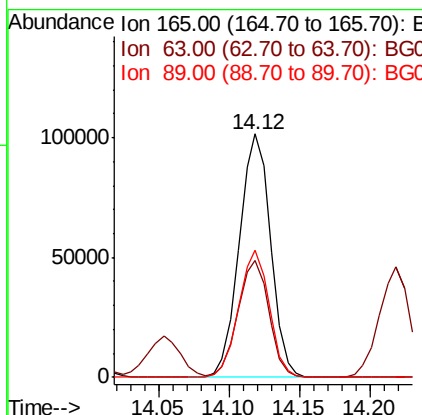
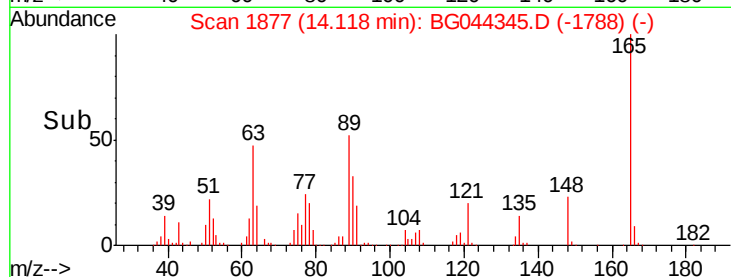
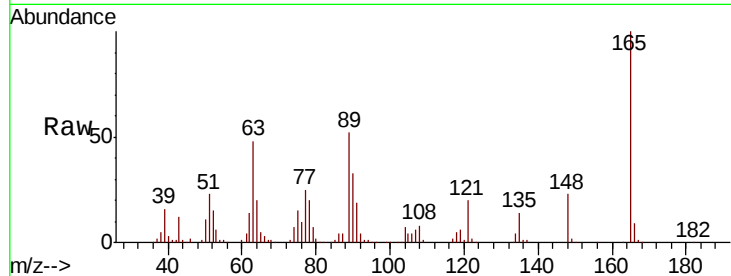
#51
 2,6-Dinitrotoluene
 Concen: 45.297 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 06MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	157474		
63	47.9	38.7	58.1	
89	52.3	40.4	60.6	

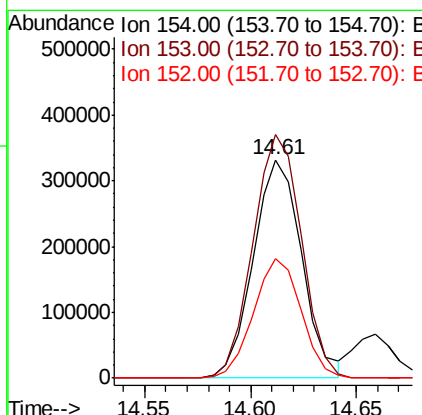
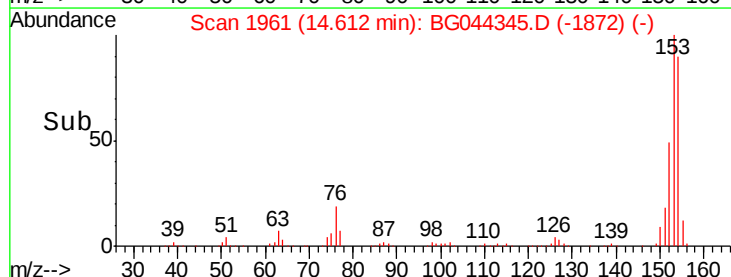
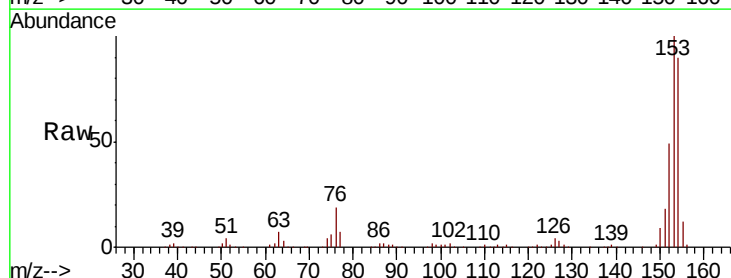
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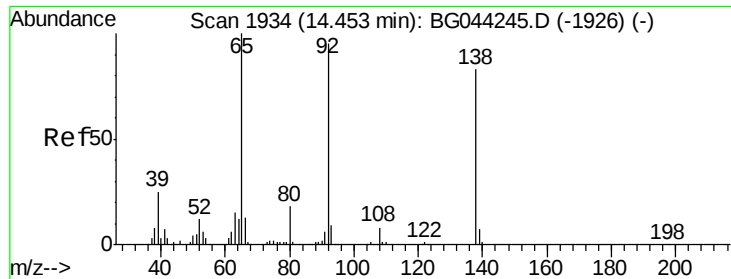
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#52
 Acenaphthene
 Concen: 44.810 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	530382		
153	111.5	87.9	131.9	
152	54.8	43.1	64.7	





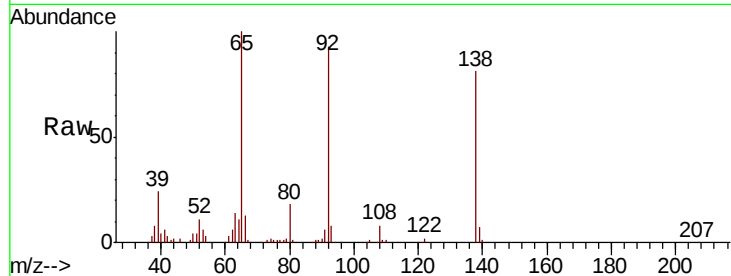
#53
3-Nitroaniline
Concen: 20.724 ng
RT: 14.45 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

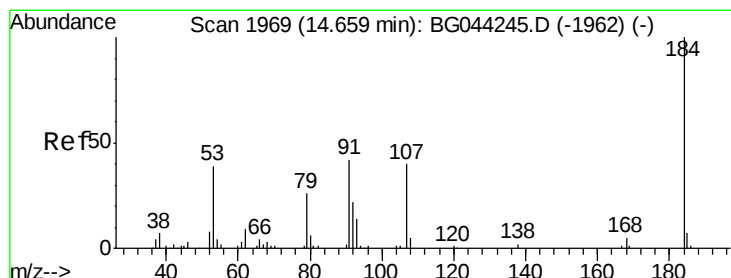
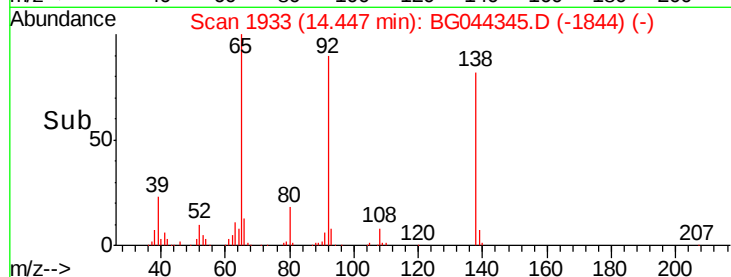
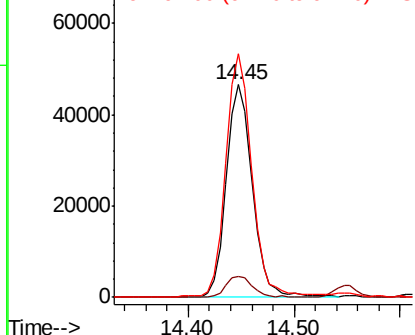
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	114.6	91.0	136.4

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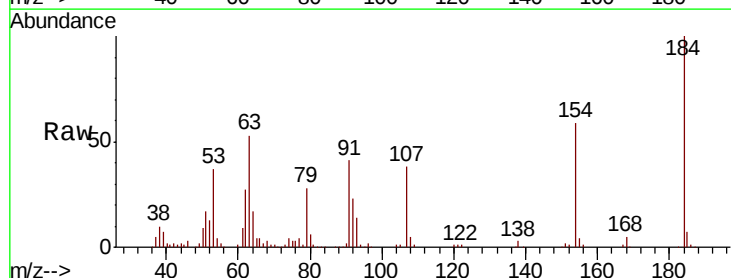


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

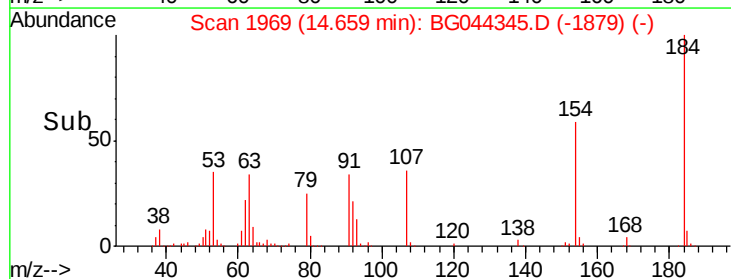
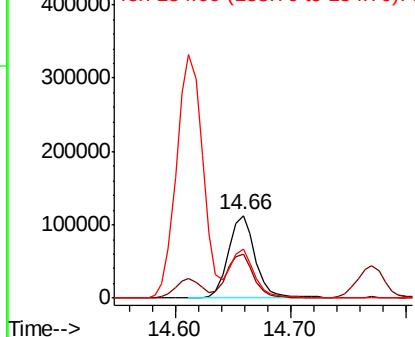


#54
2,4-Dinitrophenol
Concen: 87.746 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.8	44.1	66.1
154	59.3	45.4	68.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





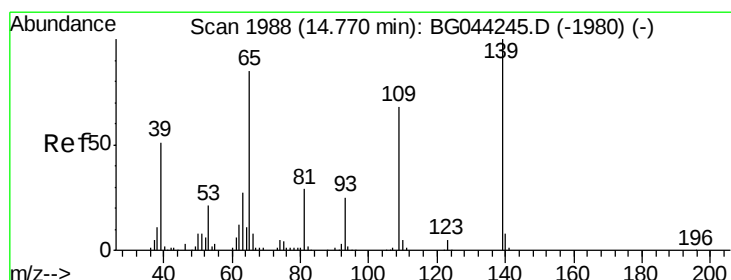
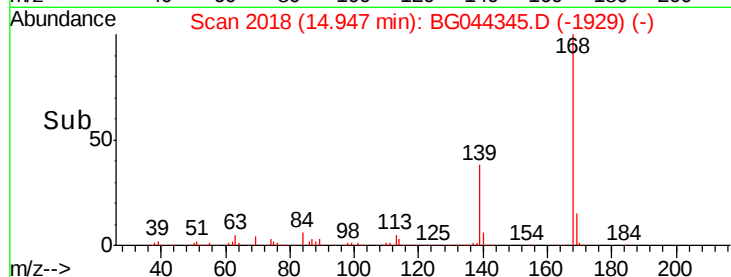
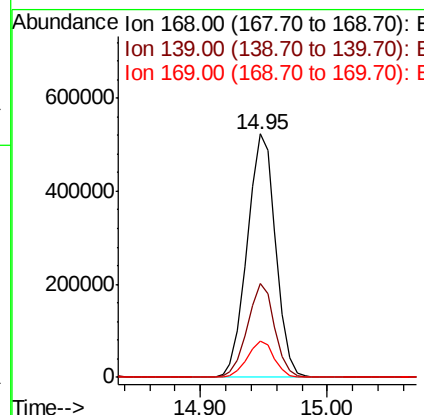
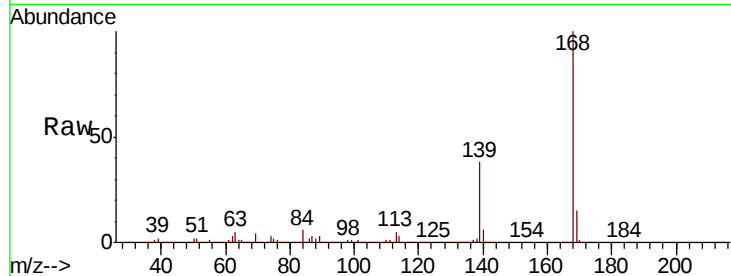
#55
Dibenzenofuran
Concen: 45.302 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.5	45.7
169	15.1	11.7	17.5

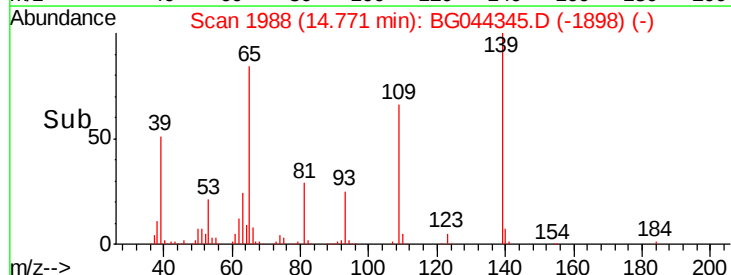
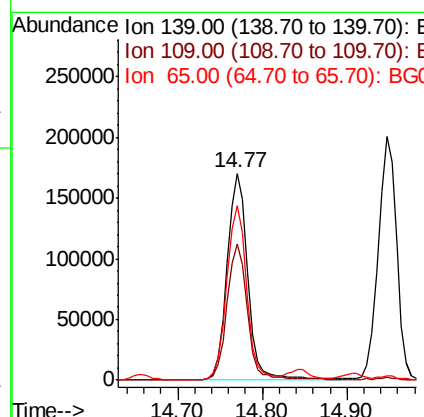
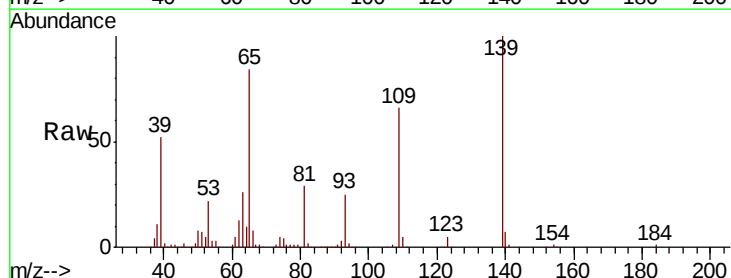
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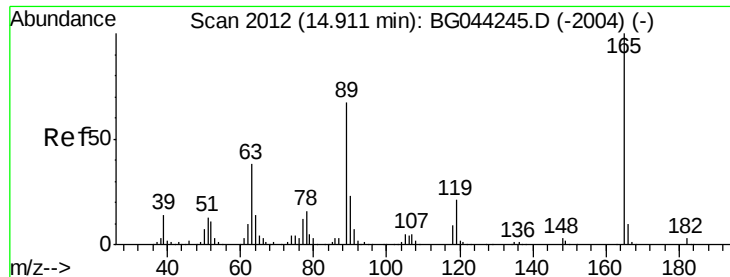
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#56
4-Nitrophenol
Concen: 102.735 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.6	47.5	87.5
65	84.4	64.9	104.9





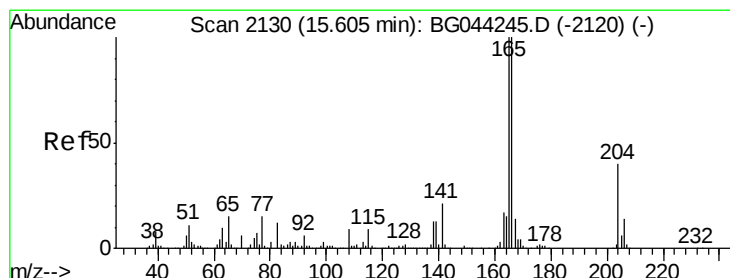
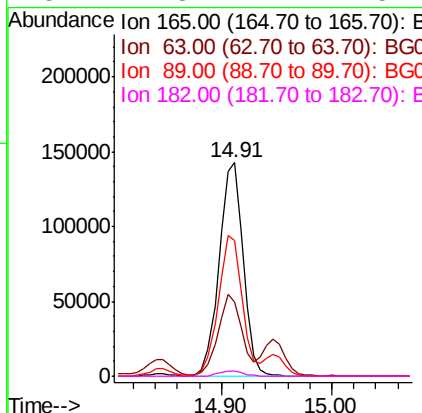
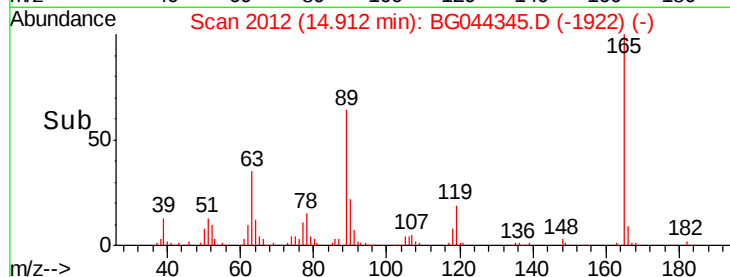
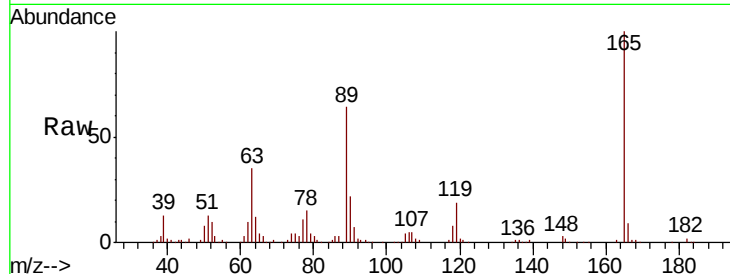
#57
2,4-Dinitrotoluene
Concen: 44.485 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		216757		
63	34.8	30.3	45.5		
89	63.7	53.4	80.2		
182	2.3	2.1	3.1		

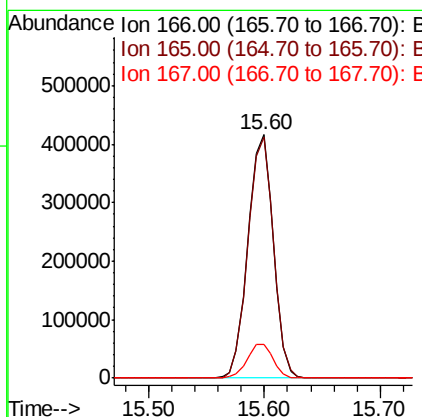
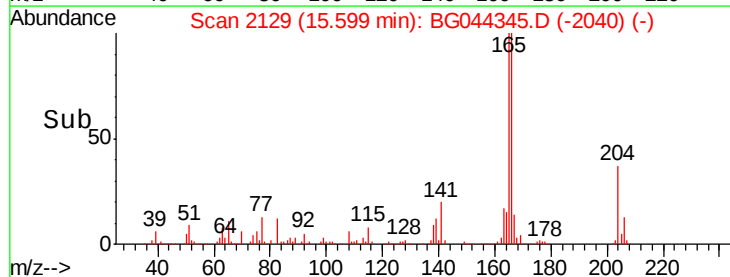
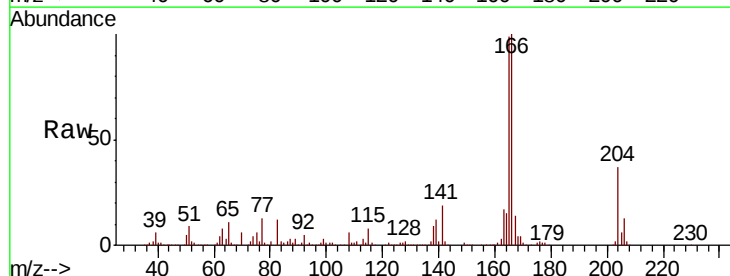
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#58
Fluorene
Concen: 45.229 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		638404		
165	99.3	79.9	119.9		
167	14.0	11.4	17.0		





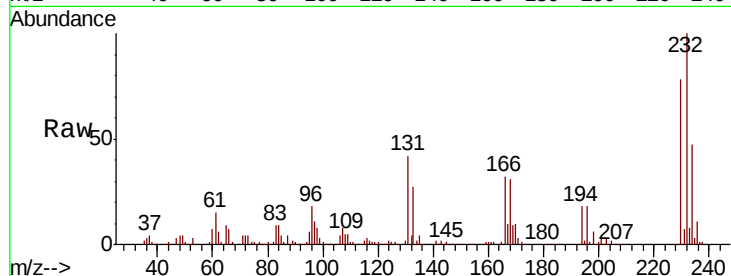
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.870 ng
RT: 15.18 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

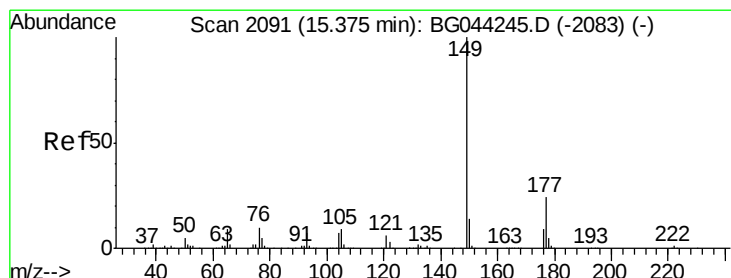
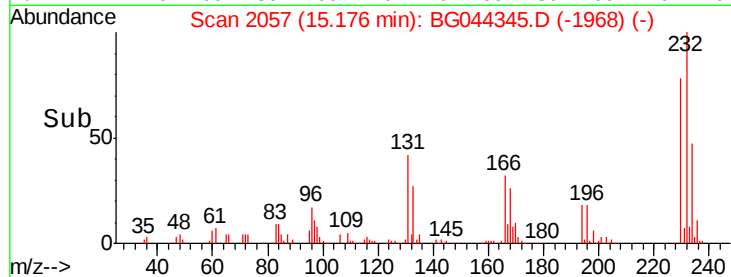
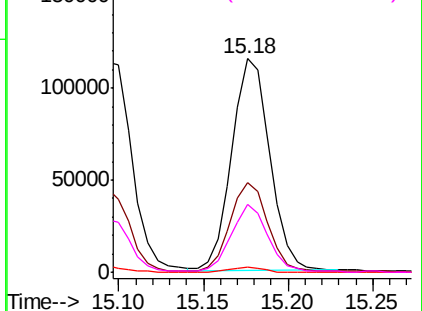
Tot Ion	Ratio	Resp	Lower	Upper
232	100	181354		
131	42.1		34.2	51.4
130	2.2		1.8	2.8
166	30.4		23.8	35.8

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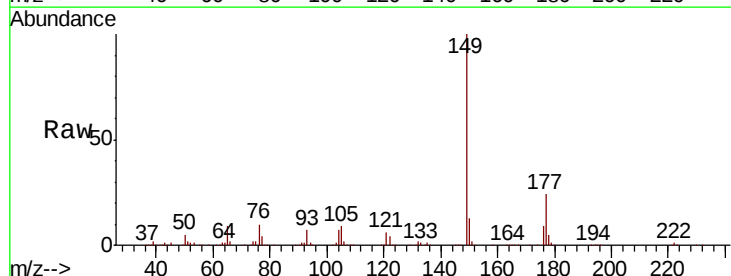


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

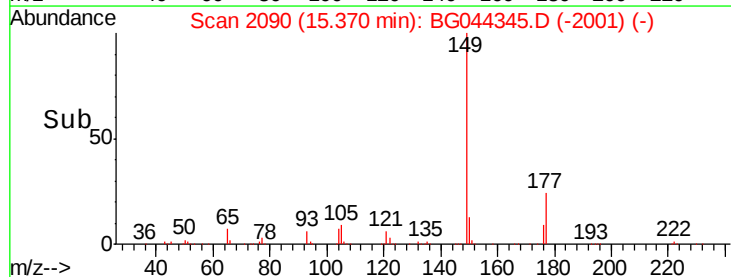
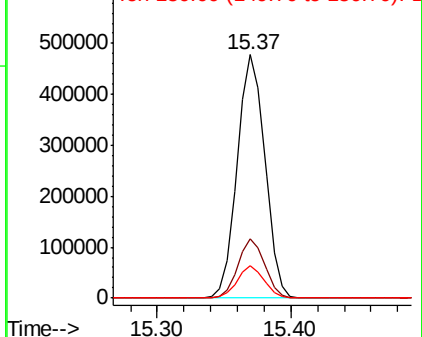


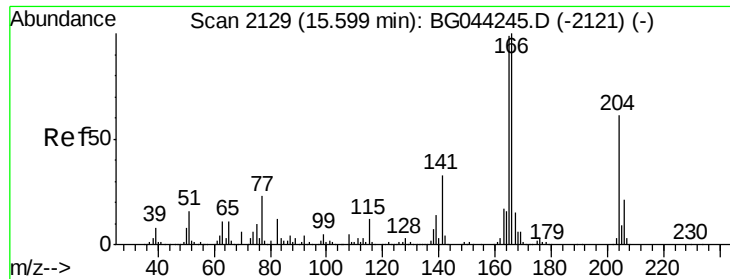
#60
Diethylphthalate
Concen: 44.115 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	685372		
177	24.2		19.4	29.0
150	13.1		10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





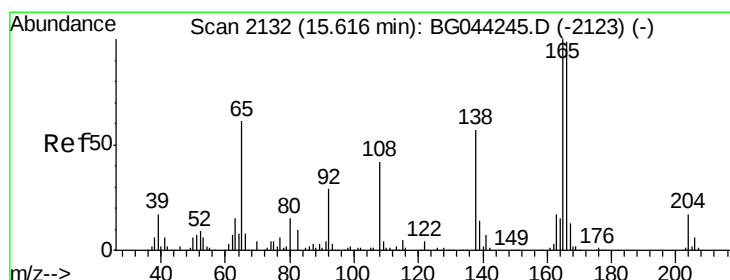
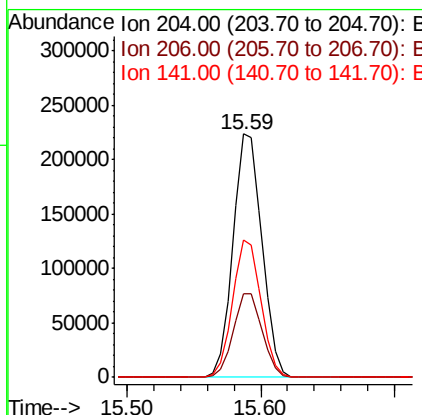
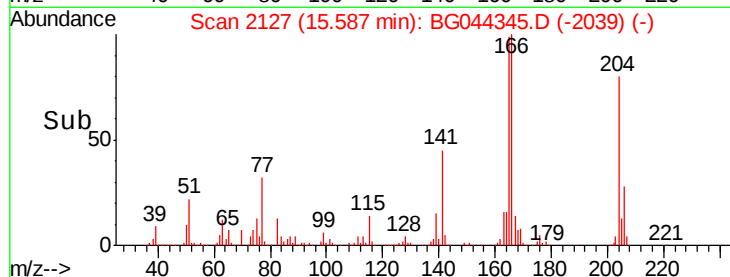
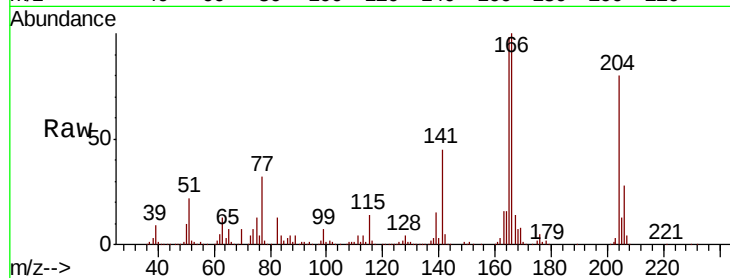
#61
4-Chlorophenyl-phenylether
Concen: 44.028 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.6	27.6	41.4	
141	56.4	43.4	65.0	

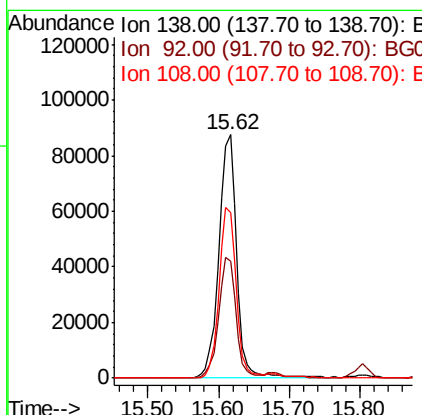
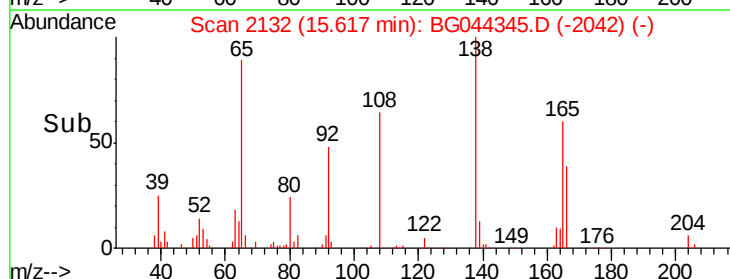
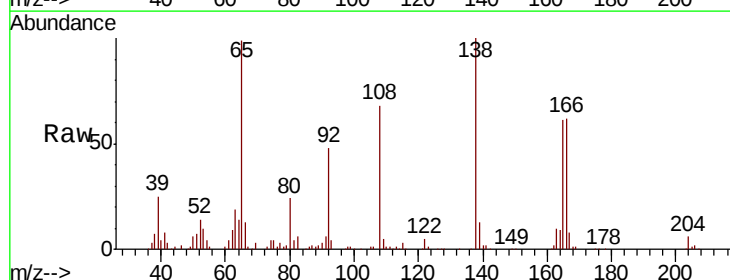
Manual Integrations
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#62
4-Nitroaniline
Concen: 40.111 ng
RT: 15.62 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	48.2	31.3	71.3	
108	68.2	52.6	92.6	





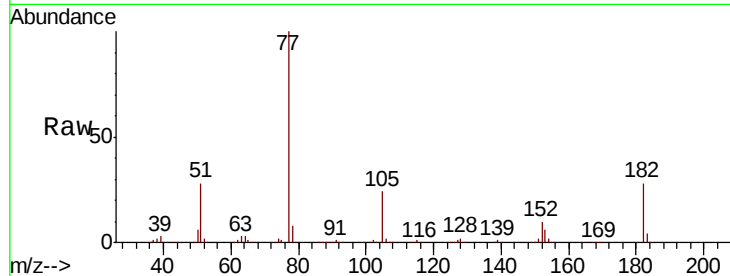
#63
Azobenzene
Concen: 44.792 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		609908		
182	28.3	8.2	48.2		
105	23.8	3.6	43.6		
51	28.1	8.3	48.3		

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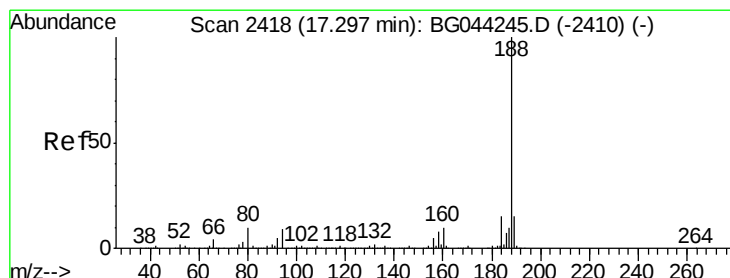
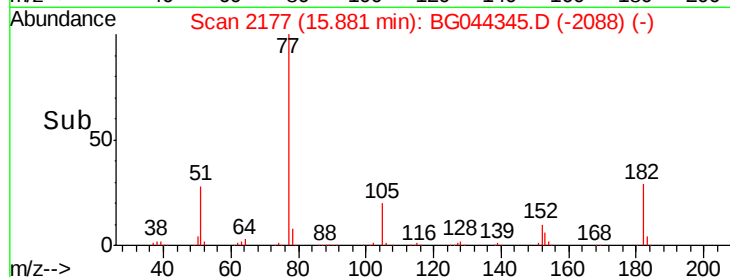
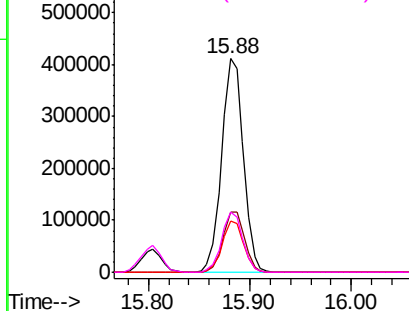
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

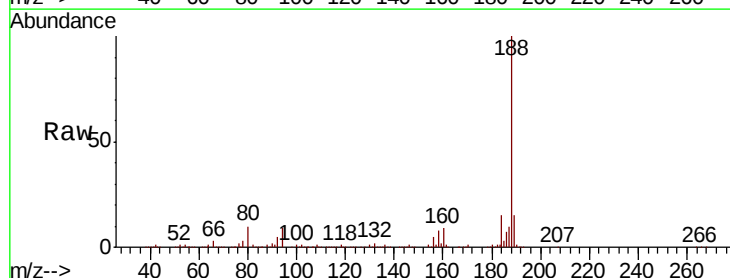
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		469259		
94	9.3	7.4	11.2		
80	9.8	7.7	11.5		

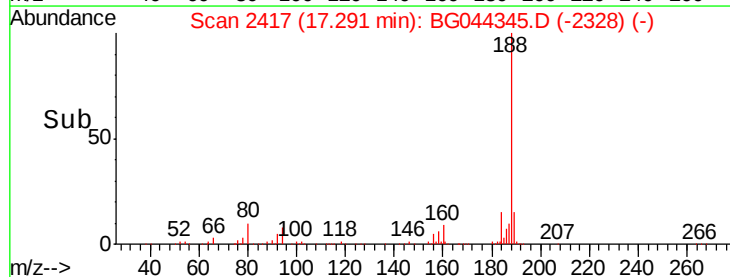
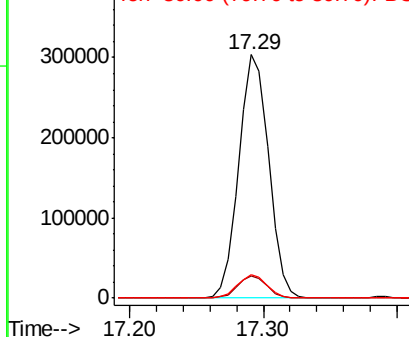


Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.533 ng

RT: 15.68 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

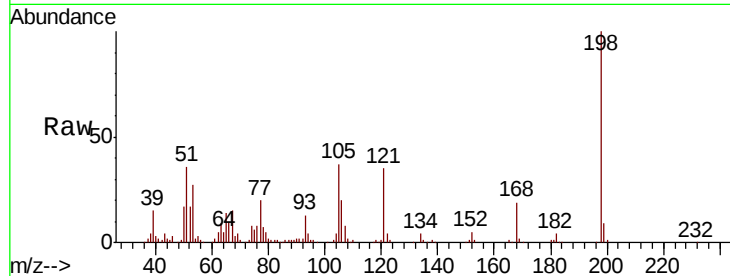
ClientSampleId :

06MSD

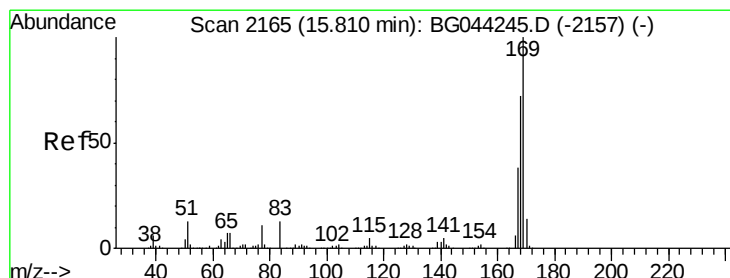
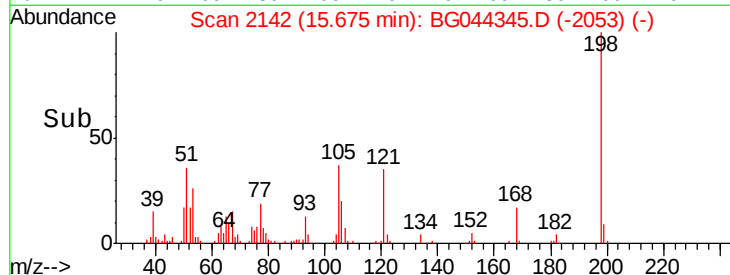
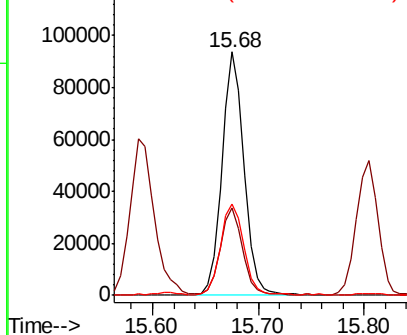
Tot Ion:	198	Resp:	136077
Ion Ratio	Lower	Upper	
198	100		
51	35.9	16.6	56.6
105	37.4	20.6	60.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.548 ng

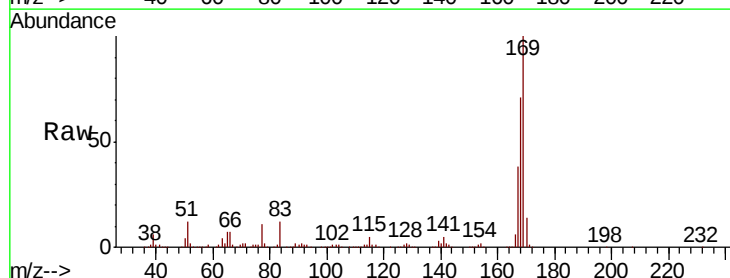
RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

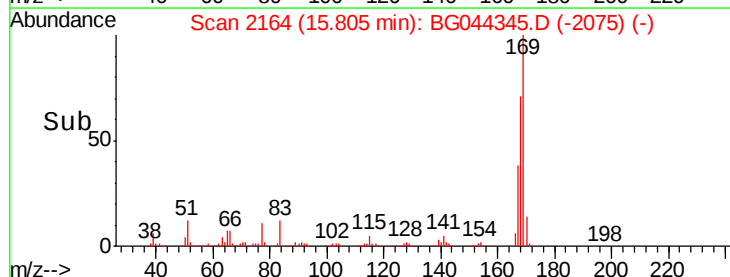
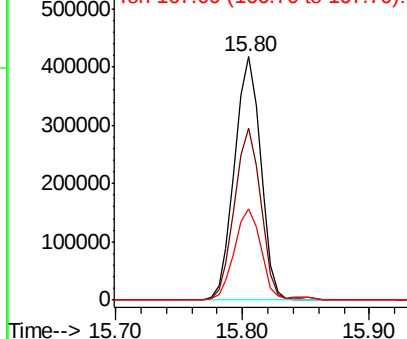
Lab File: BG044345.D

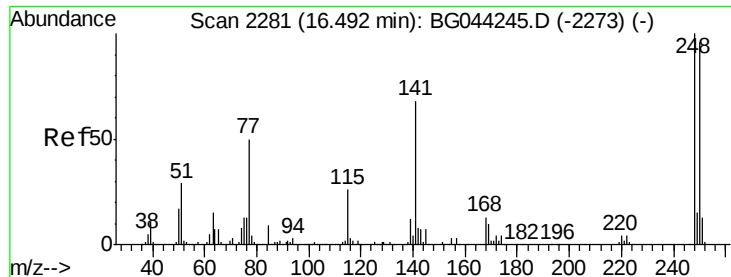
Acq: 7 Feb 2020 20:15

Tgt Ion:	169	Resp:	598986
Ion Ratio	Lower	Upper	
169	100		
168	70.6	57.9	86.9
167	37.5	30.7	46.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.839 ng

RT: 16.49 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

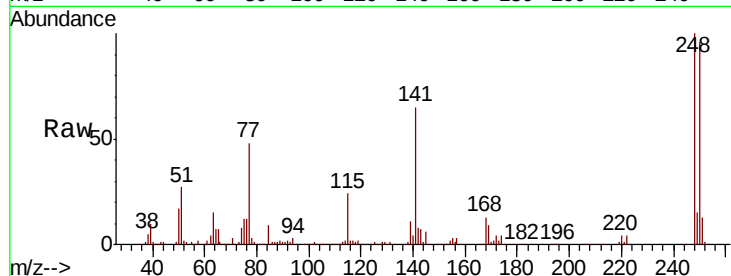
ClientSampleId :

06MSD

Tot Ion:	248	Resp:	219014
Ion Ratio	Lower	Upper	
248	100		
250	95.8	76.6	114.8
141	64.8	54.7	82.1

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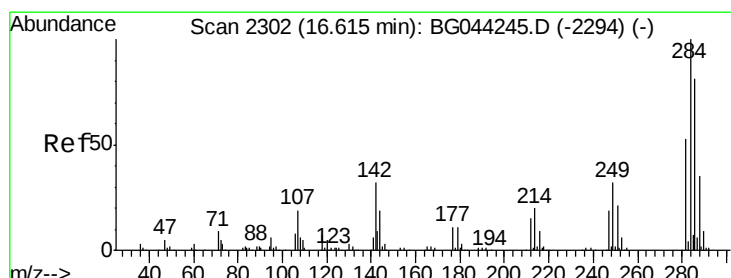
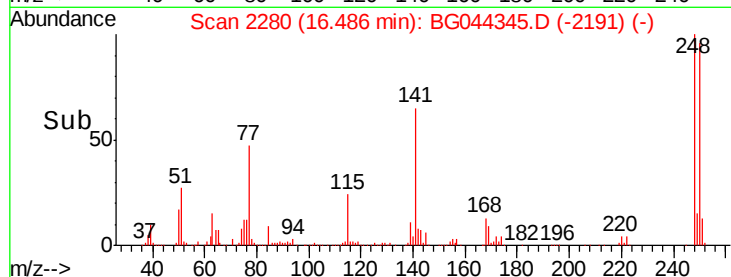
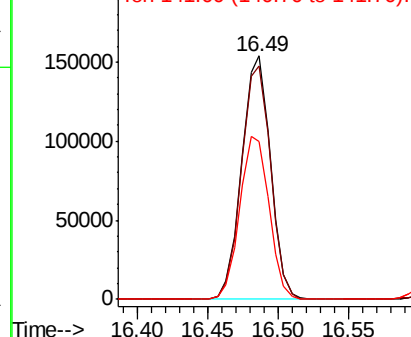


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.272 ng

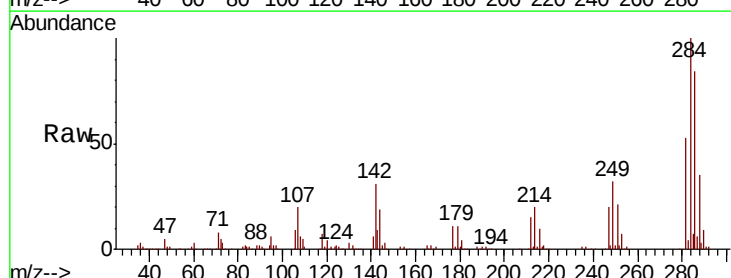
RT: 16.61 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	284	Resp:	242121
Ion Ratio	Lower	Upper	
284	100		
142	31.2	25.3	37.9
249	31.5	25.5	38.3

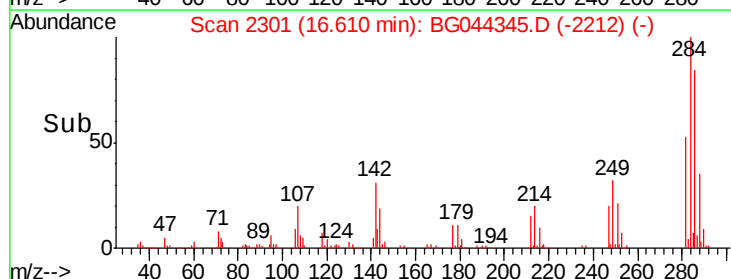
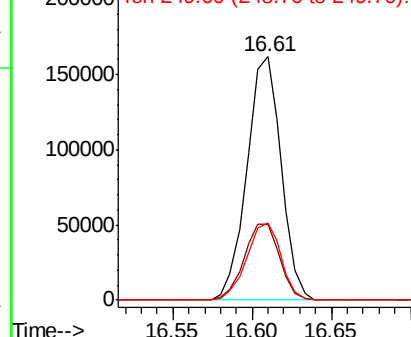


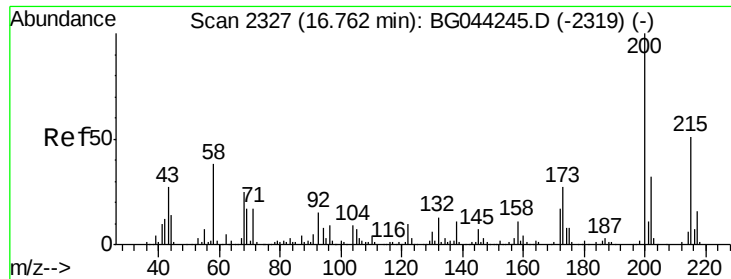
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





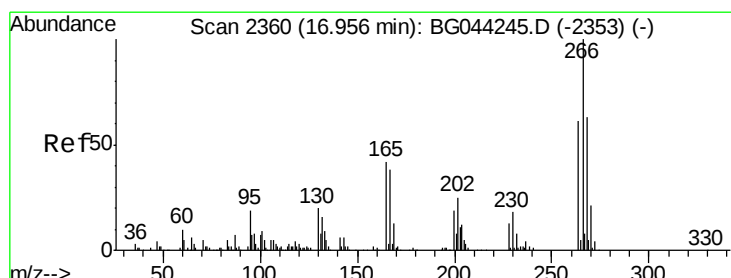
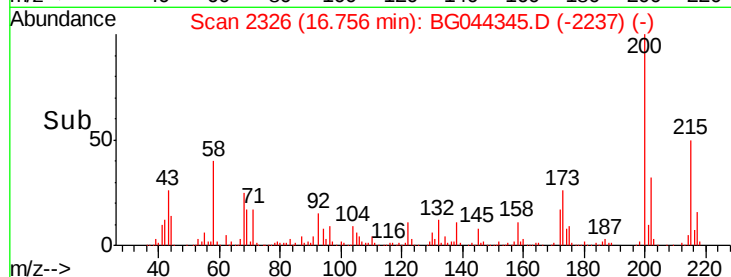
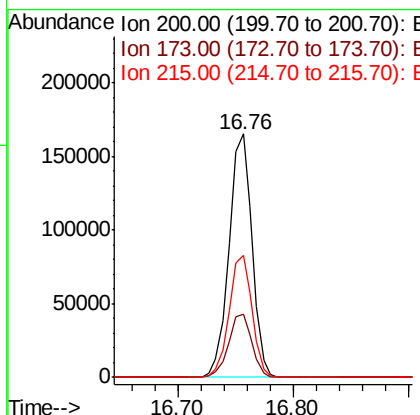
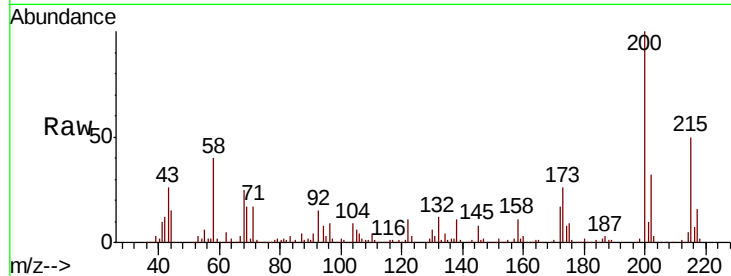
#69
 Atrazine
 Concen: 50.503 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 06MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.0	6.6	46.6
215	50.1	31.0	71.0

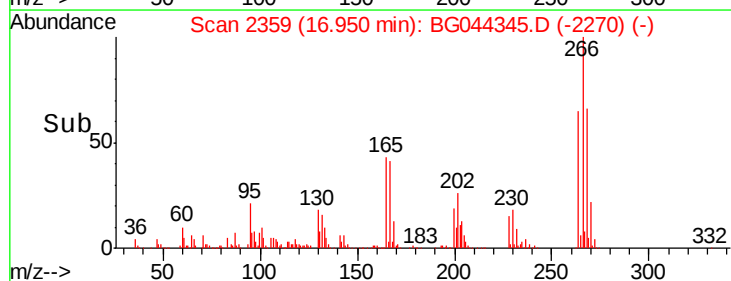
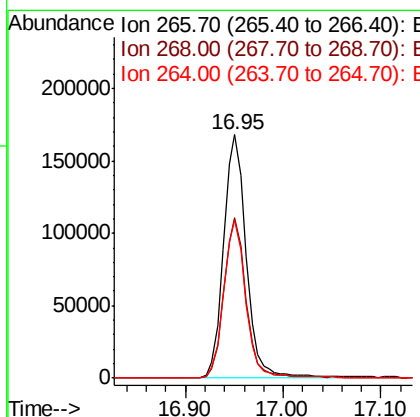
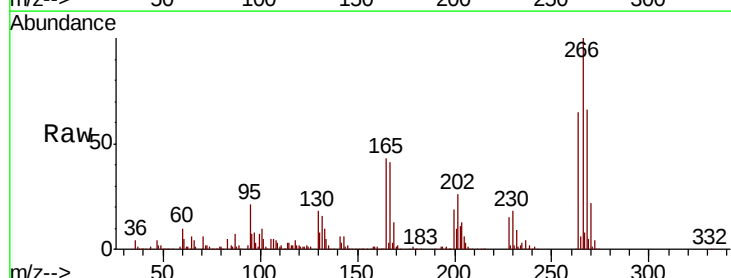
Manual Integrations
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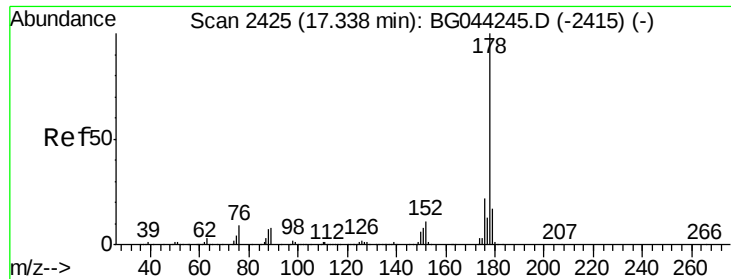
mohammad
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#70
 Pentachlorophenol
 Concen: 93.447 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.7	50.6	75.8
264	65.0	48.7	73.1





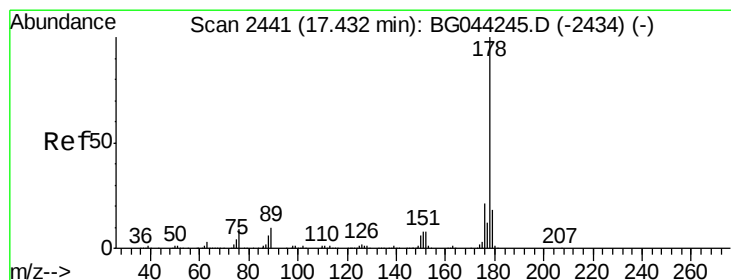
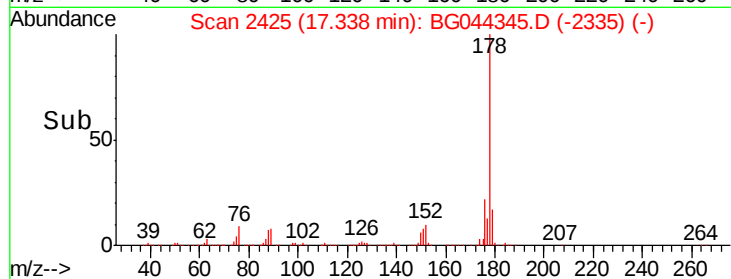
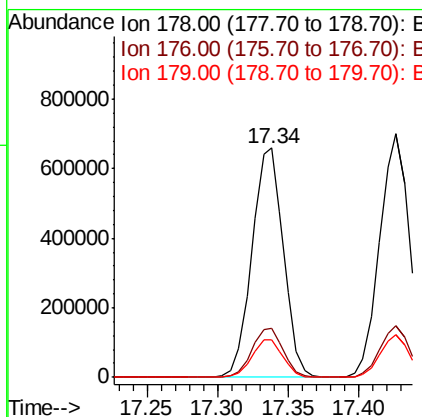
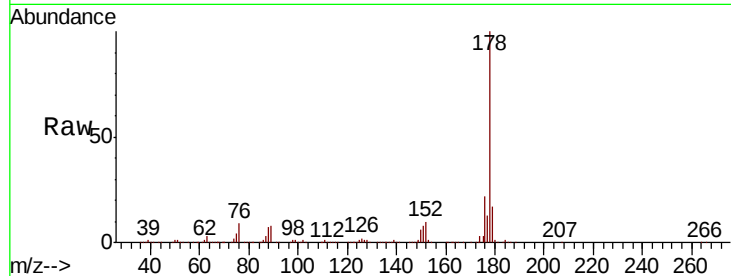
#71
Phenanthrene
Concen: 45.361 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.7	26.5
179	16.7	13.7	20.5

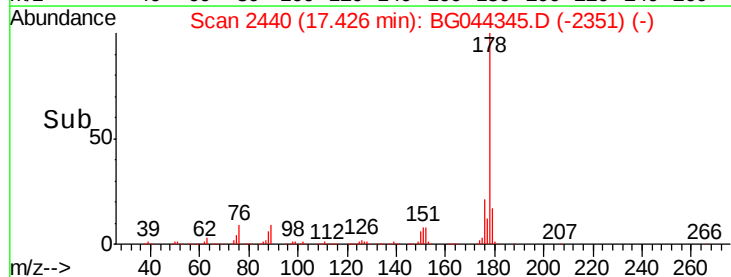
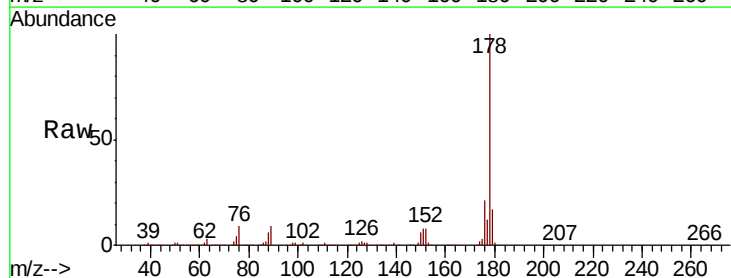
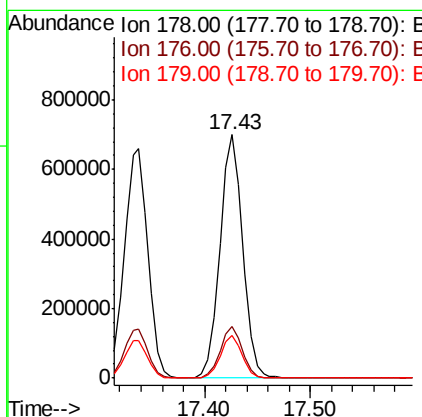
Manual Integrations
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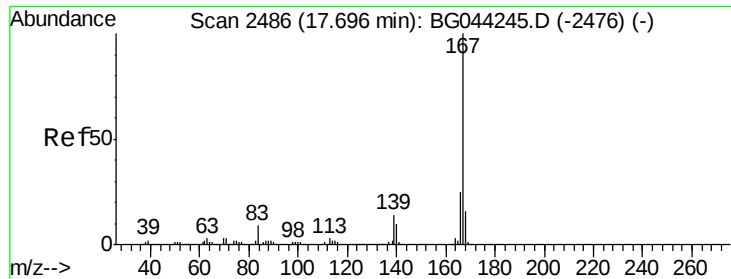
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#72
Anthracene
Concen: 46.545 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.0	25.4
179	17.4	14.4	21.6





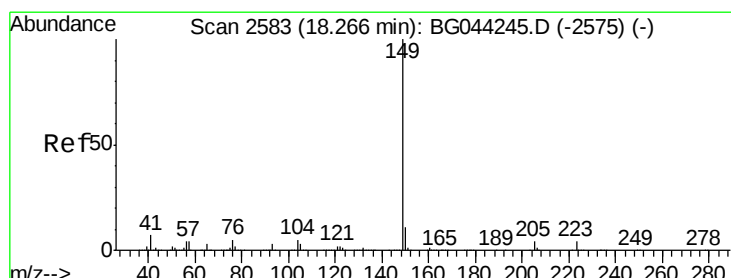
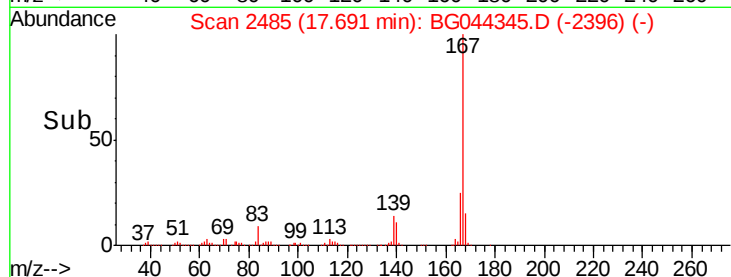
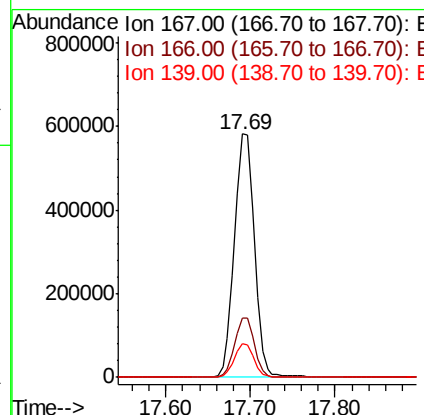
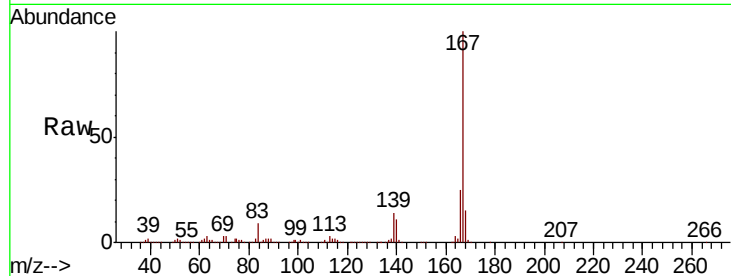
#73
 Carbazole
 Concen: 45.697 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 06MSD

Tot Ion:	167	Resp:	946412
Ion Ratio	Lower	Upper	
167	100		
166	24.6	19.8	29.6
139	13.8	11.1	16.7

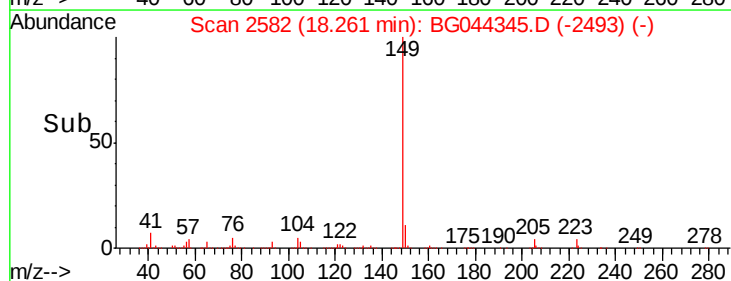
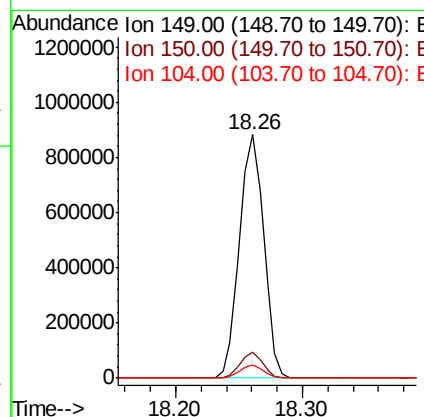
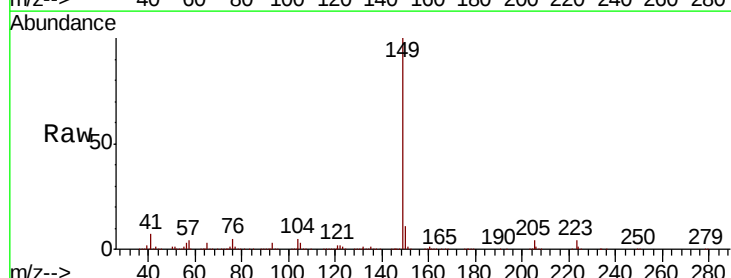
Manual Integrations
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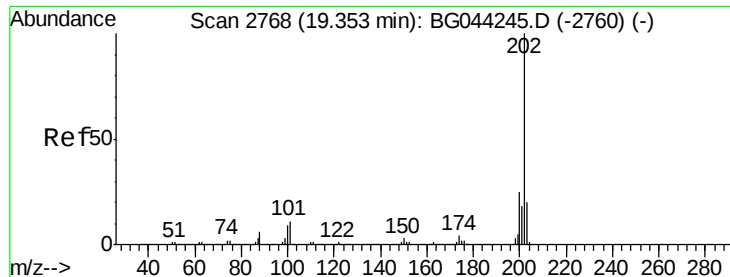
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#74
 Di-n-butylphthalate
 Concen: 45.699 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion:	149	Resp:	1169582
Ion Ratio	Lower	Upper	
149	100		
150	10.7	8.7	13.1
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 47.008 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

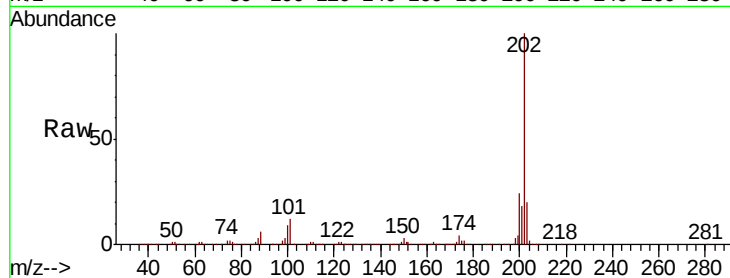
ClientSampleId :

06MSD

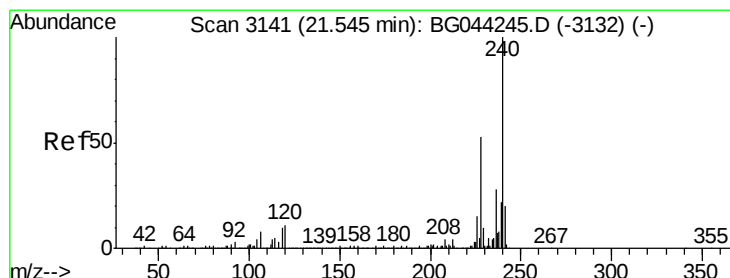
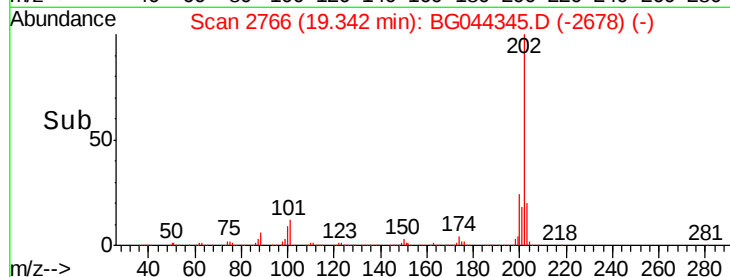
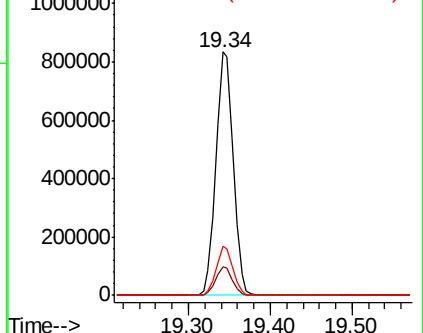
Tot Ion:	202	Resp:	1235668
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.3
203	20.2	0.0	39.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

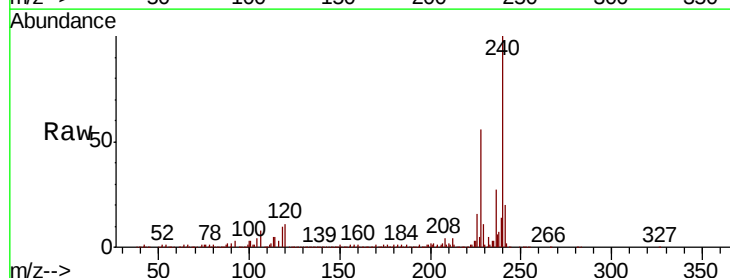
RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

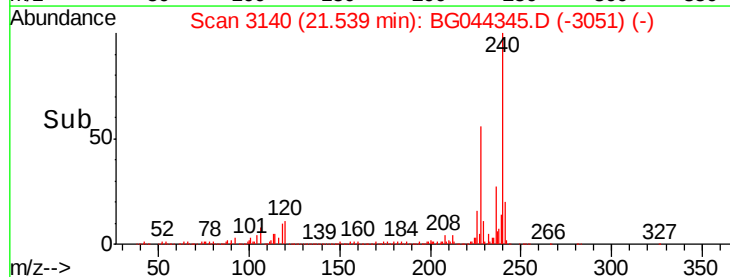
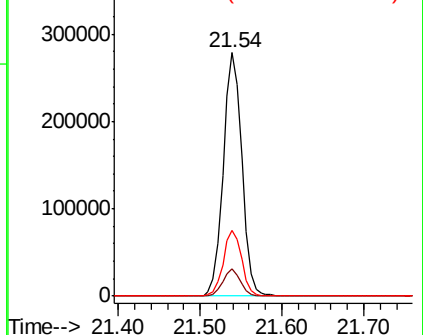
Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	240	Resp:	440907
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	27.2	22.1	33.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.948 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

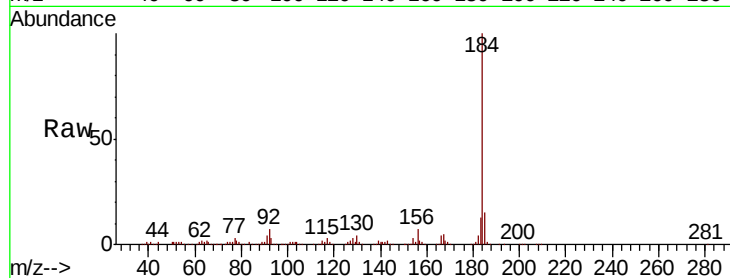
ClientSampled :

06MSD

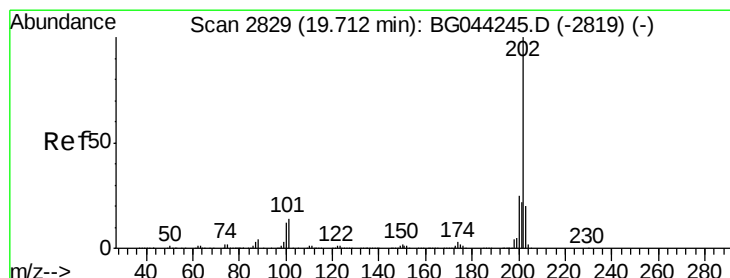
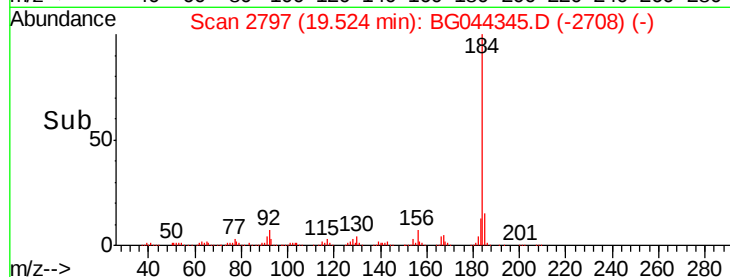
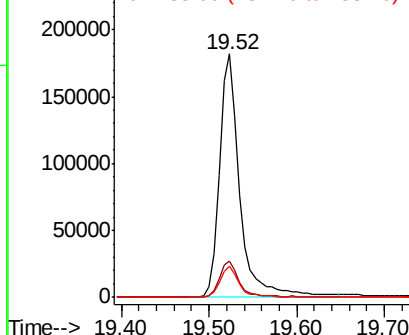
Tot Ion:	184	Resp:	292879
Ion Ratio		Lower	Upper
184	100		
185	15.0	12.9	19.3
183	12.8	10.8	16.2

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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: 43.646 ng

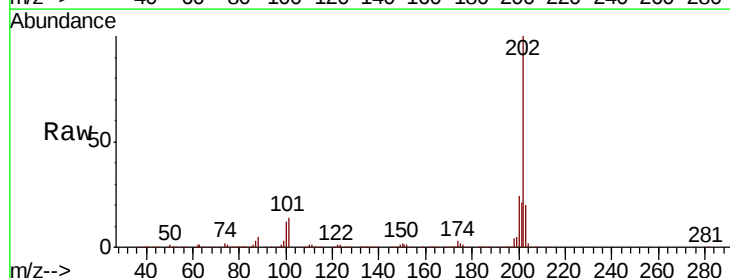
RT: 19.71 min Scan# 2828

Delta R.T. -0.01 min

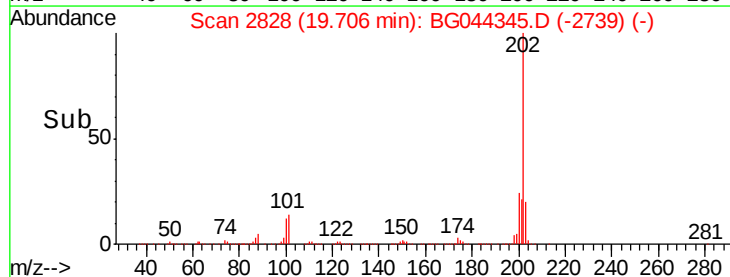
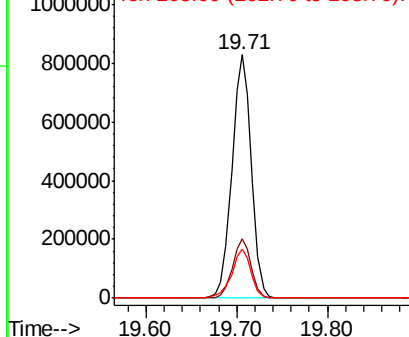
Lab File: BG044345.D

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Tgt Ion:	202	Resp:	1235834
Ion Ratio		Lower	Upper
202	100		
200	24.5	20.0	30.0
203	20.0	16.2	24.2



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





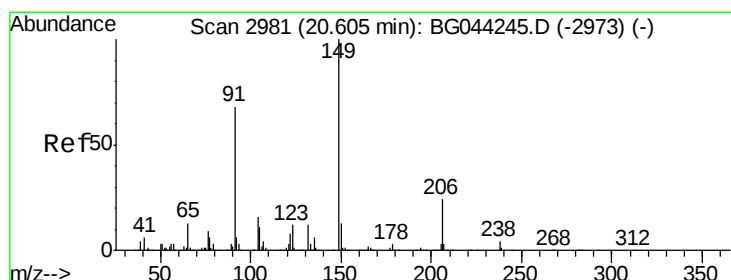
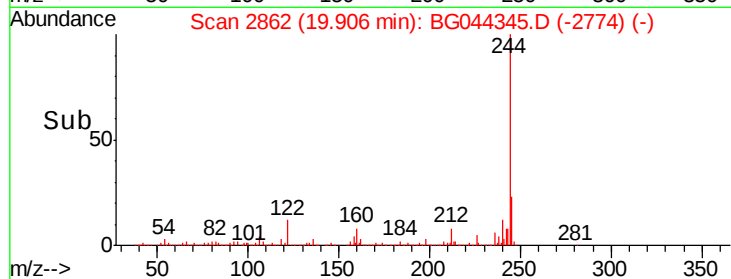
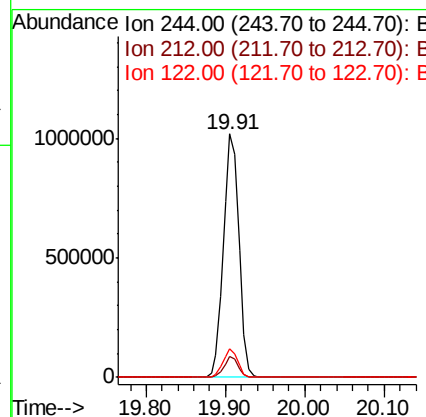
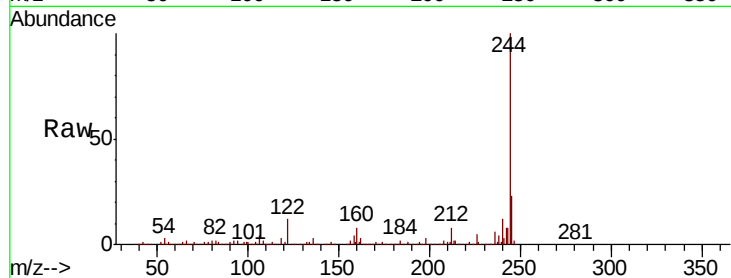
#79
 Terphenyl-d14
 Concen: 64.390 ng
 RT: 19.91 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 06MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.8	9.8	14.6

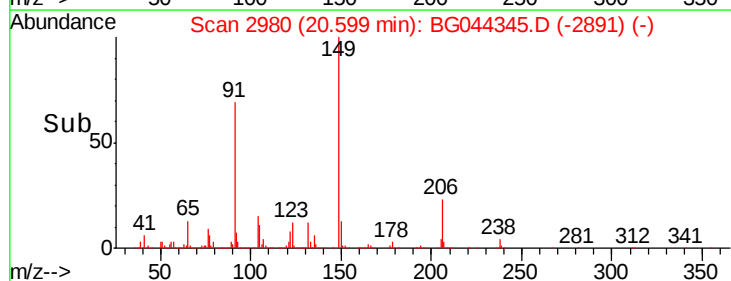
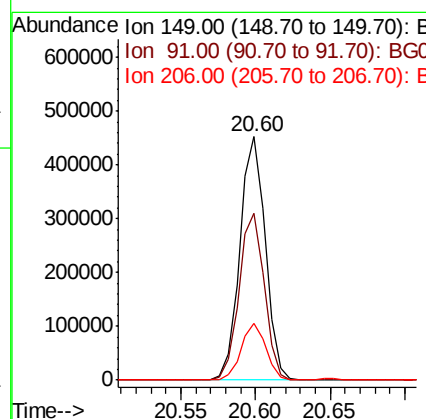
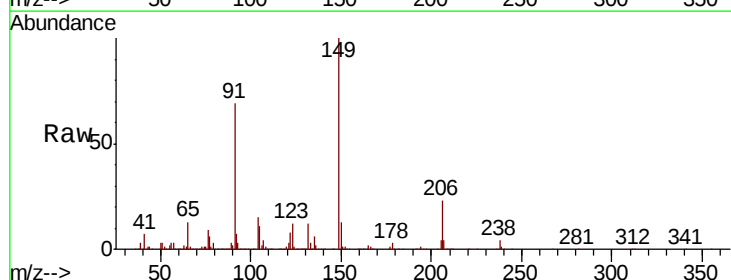
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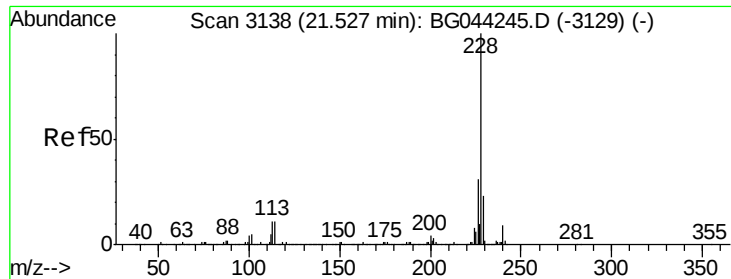
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#80
 Butylbenzylphthalate
 Concen: 41.763 ng
 RT: 20.60 min Scan# 2980
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	54.5	81.7
206	23.4	19.1	28.7





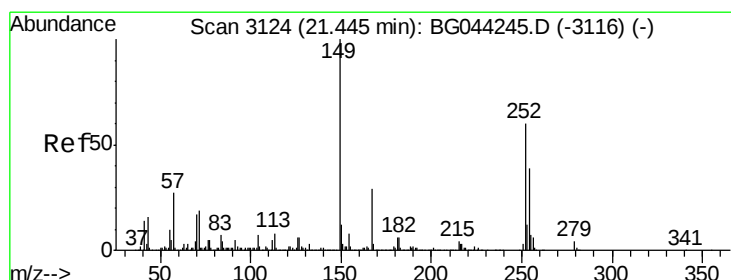
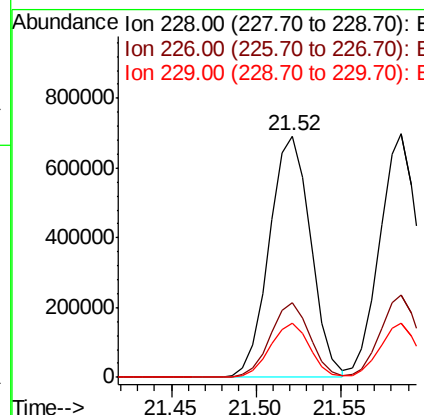
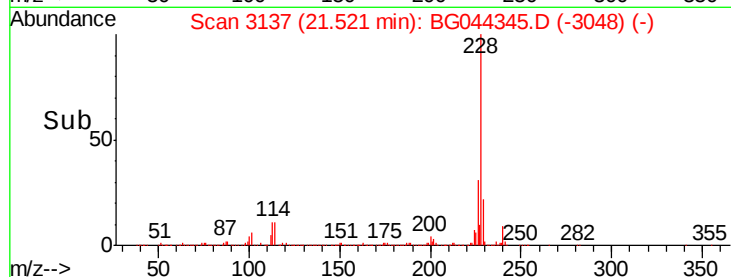
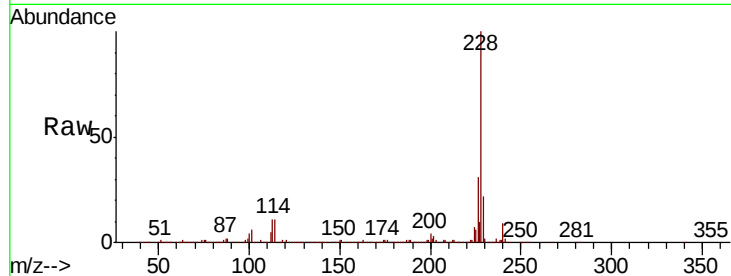
#81
Benzo(a)anthracene
Concen: 42.913 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.2	18.2	27.4

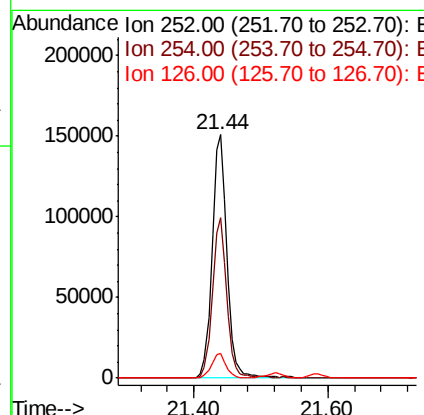
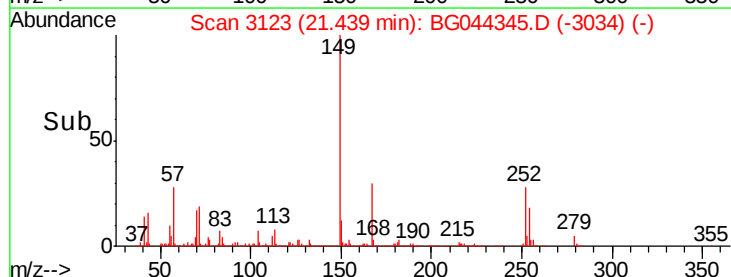
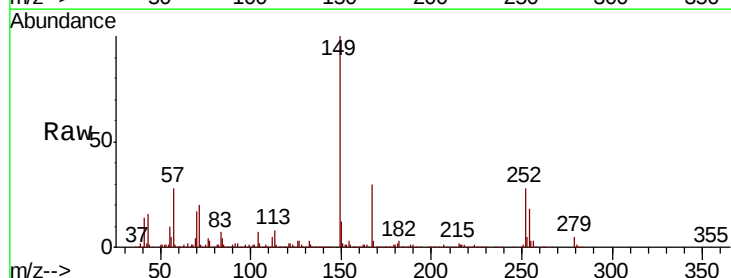
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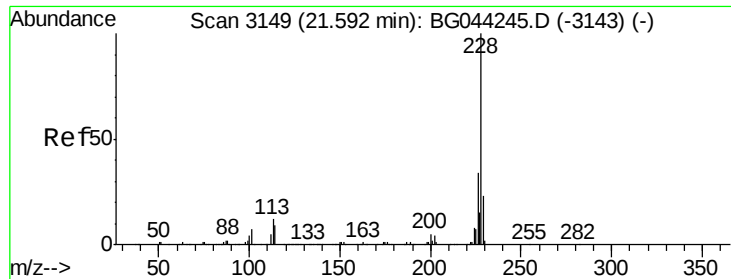
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#82
3,3'-Dichlorobenzidine
Concen: 22.286 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.6	78.8
126	10.1	8.2	12.4





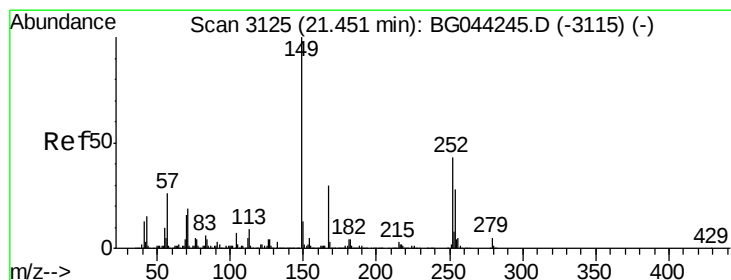
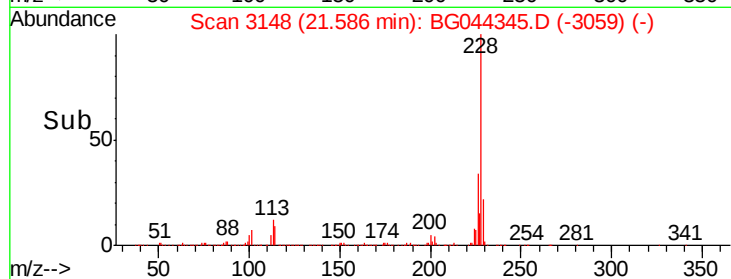
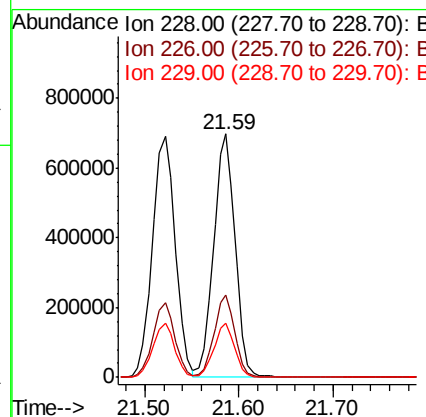
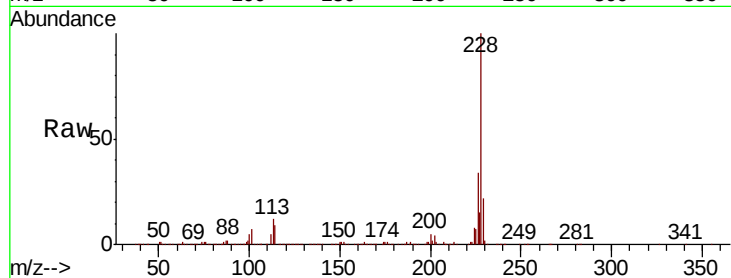
#83
 Chrvsene
 Concen: 42.346 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 06MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	27.1	40.7
229	22.0	17.9	26.9

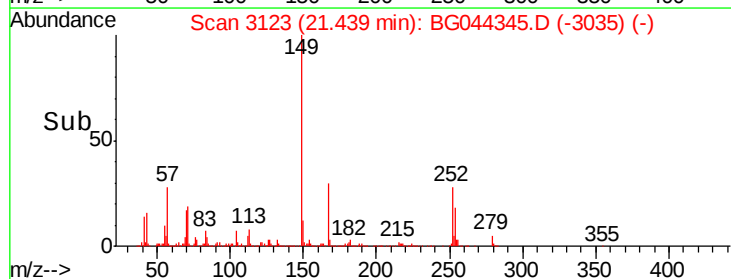
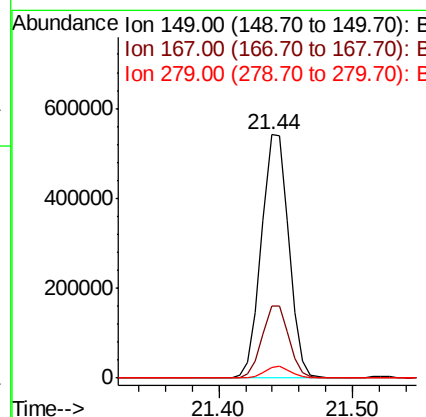
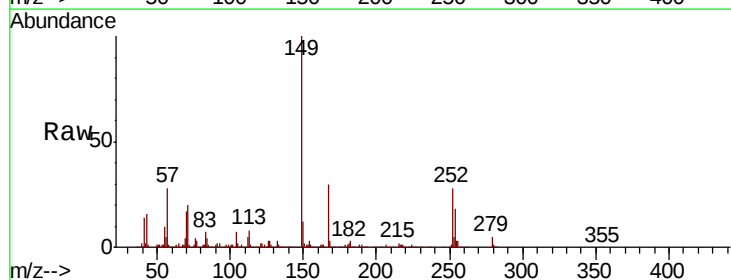
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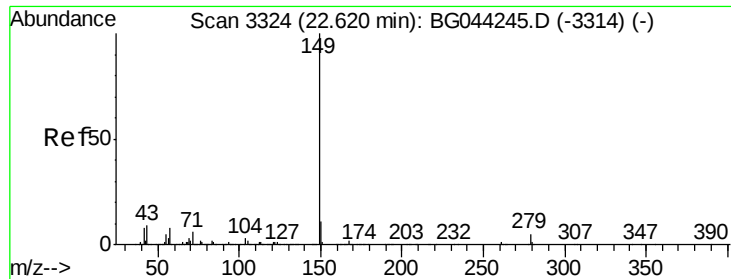
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.085 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.0	36.0
279	4.6	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 43.301 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

ClientSampled :

06MSD

Tot Ion:149 Resp: 1330639

Ion Ratio Lower Upper

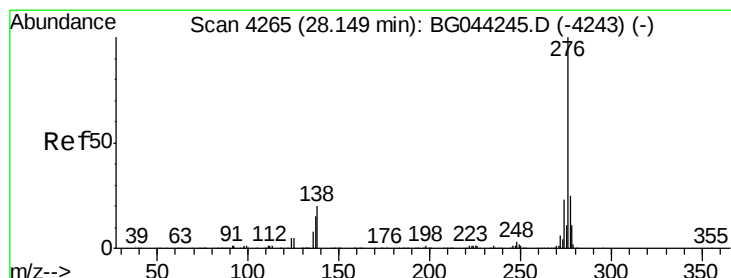
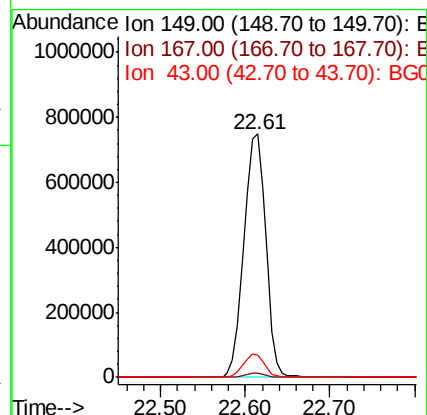
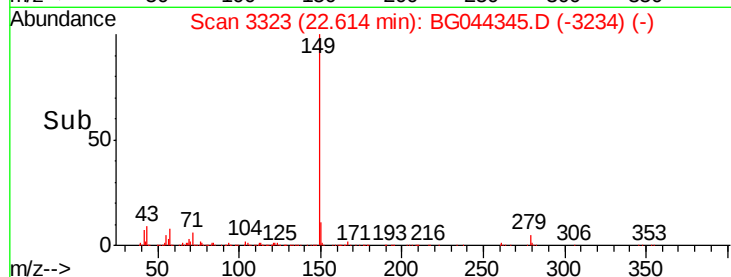
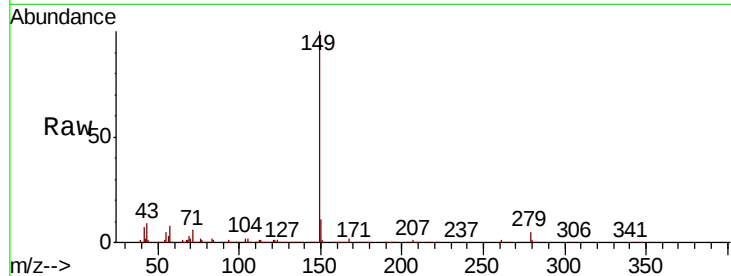
149 100

167 1.7 1.3 1.9

43 9.1 7.4 11.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.765 ng

RT: 28.14 min Scan# 4264

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

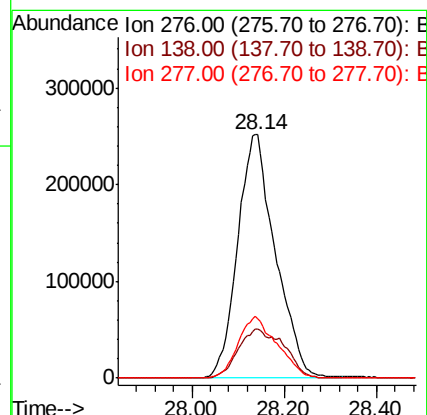
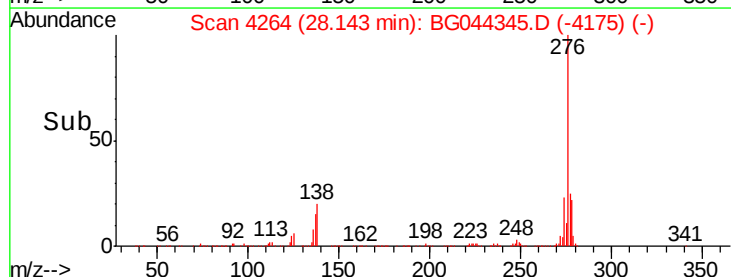
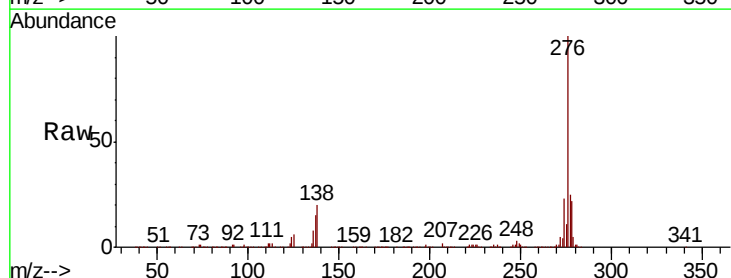
Tgt Ion:276 Resp: 1431178

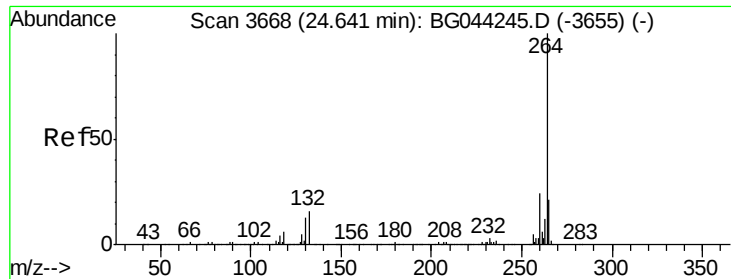
Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

277 26.2 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Instrument :

BNA_G

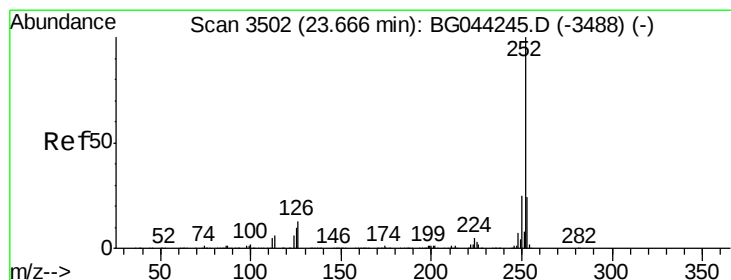
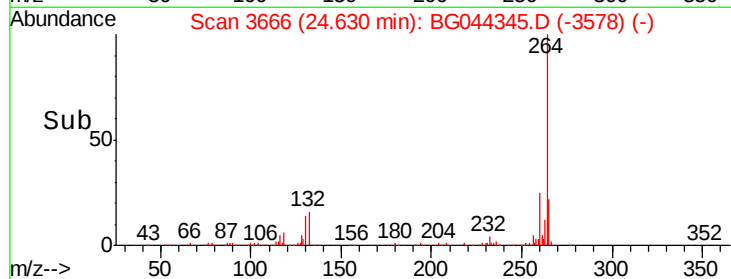
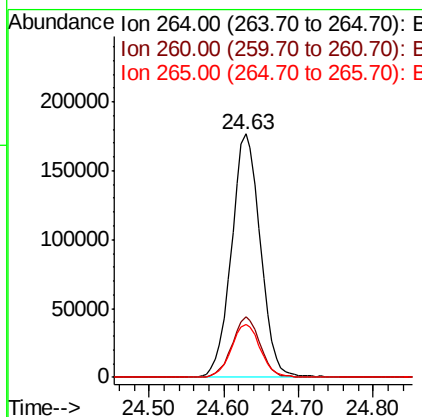
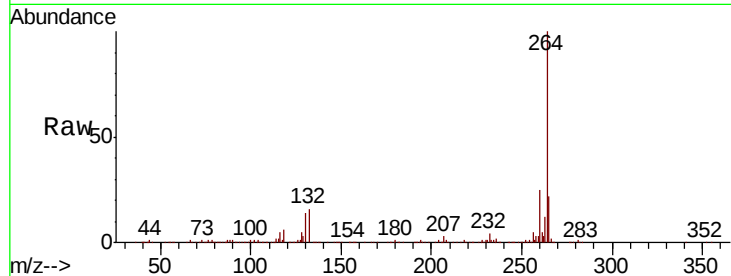
ClientSampleId :

06MSD

Tot Ion:	264	Resp:	475560
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	21.7	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 45.982 ng

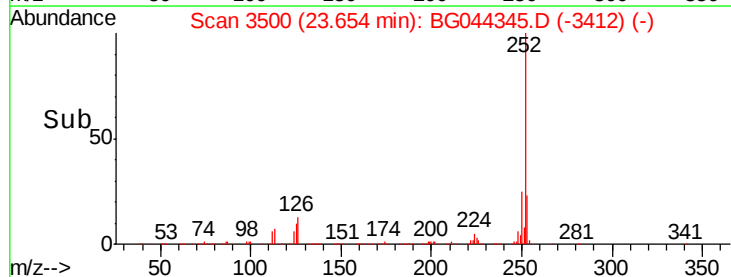
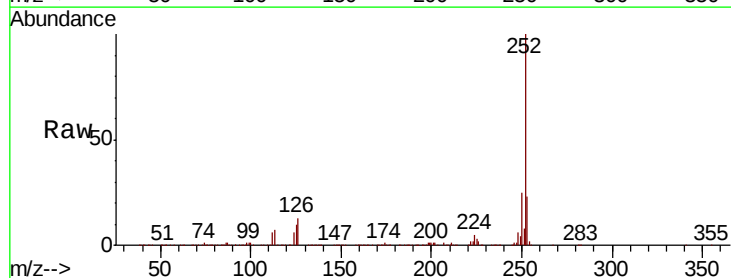
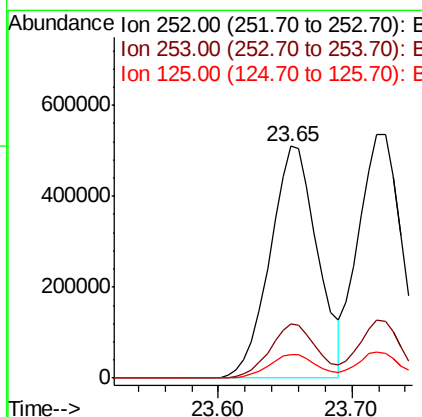
RT: 23.65 min Scan# 3500

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:	252	Resp:	1260052
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.2	28.8
125	10.4	8.4	12.6





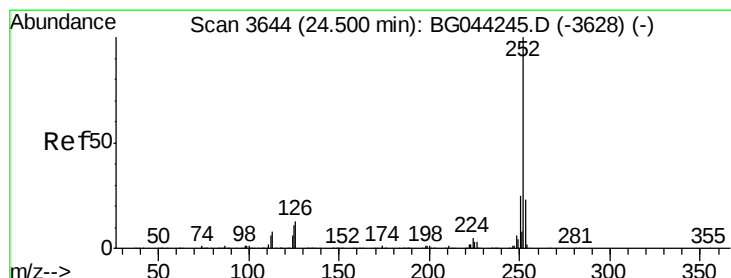
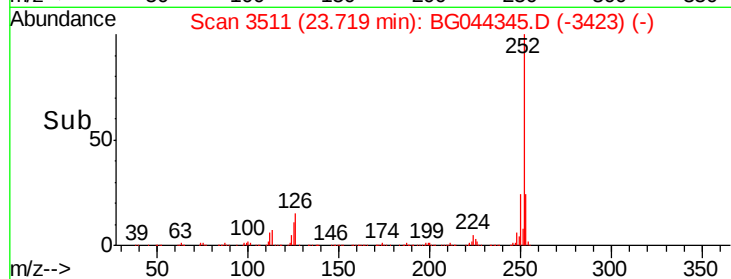
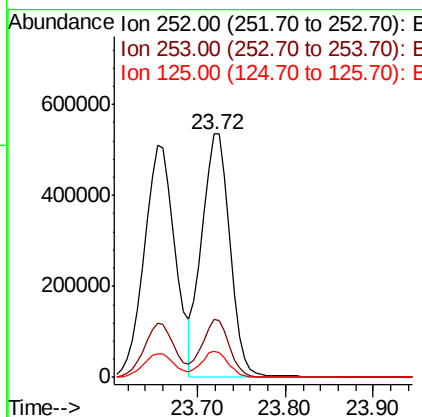
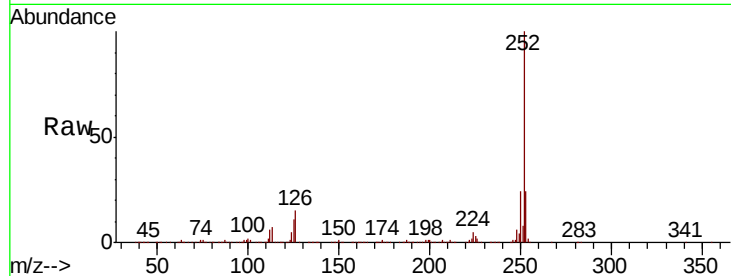
#89
Benzo(k)fluoranthene
Concen: 45.020 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.1	28.7
125	10.6	8.6	12.8

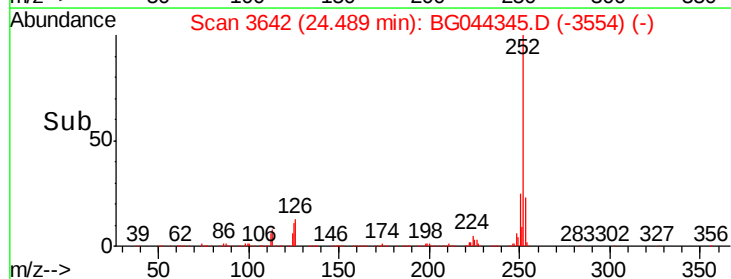
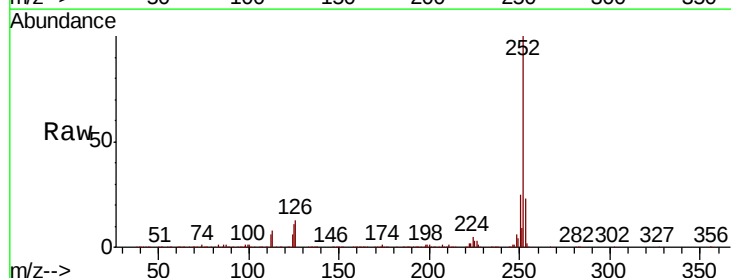
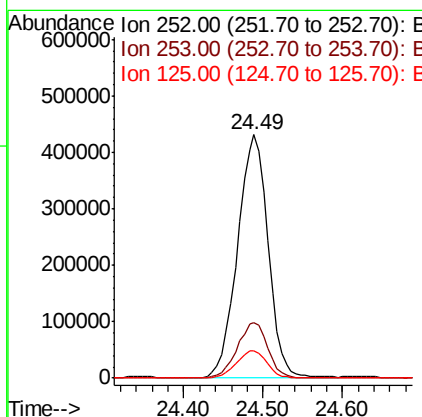
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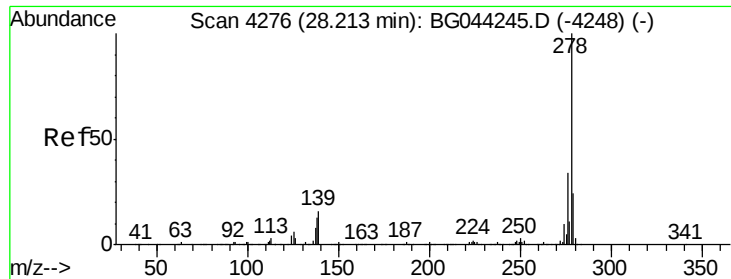
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#90
Benzo(a)pyrene
Concen: 44.459 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.3	8.6	13.0





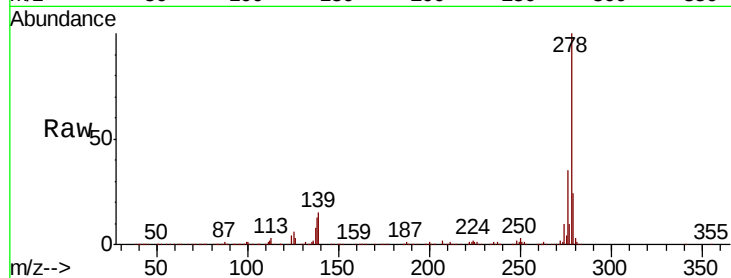
#91
Dibenzo(a,h)anthracene
Concen: 45.902 ng
RT: 28.20 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Instrument :
BNA_G
ClientSampleId :
06MSD

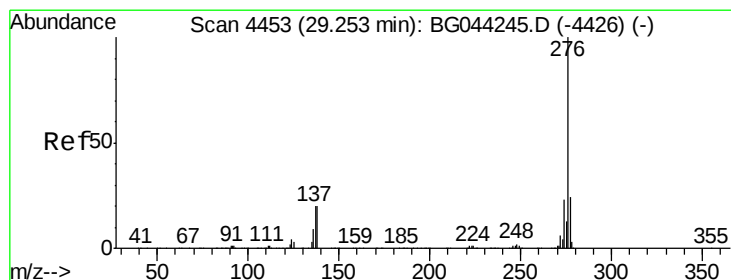
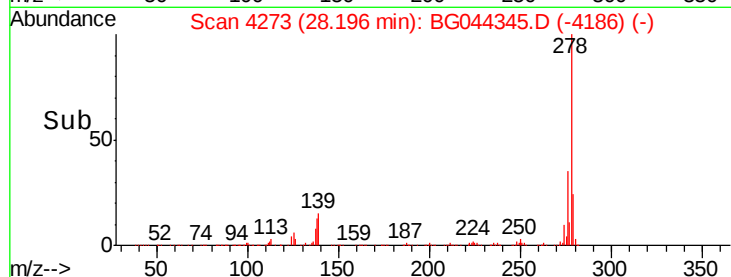
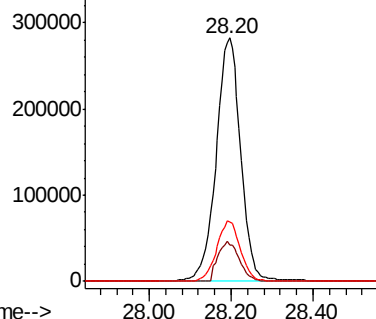
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.7	19.1
279	24.4	19.3	28.9

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.780 ng
RT: 29.23 min Scan# 4449
Delta R.T. -0.02 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.4	16.2	24.2

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

