

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044308.D
 Acq On : 5 Feb 2020 17:27
 Operator : CG/JU
 Sample : L1390-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Manual Integrations
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Quant Time: Feb 06 02:16:28 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	7.92	152	81883	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	359040	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	252364	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	553423	20.00	ng	0.00
76) Chrysene-d12	21.55	240	486046	20.00	ng	0.00
87) Perylene-d12	24.64	264	559590	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	583354	125.73	ng	0.00
7) Phenol-d6	7.09	99	790257	126.84	ng	0.00
23) Nitrobenzene-d5	9.07	82	464863	73.10	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	344955	116.44	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1080009	71.66	ng	0.00
79) Terphenyl-d14	19.92	244	1696499	71.79	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.38	88	86463	41.477 ng	99
3) Pyridine	3.77	79	219058	39.443 ng	96
4) n-Nitrosodimethylamine	3.69	42	108661	46.821 ng	97
6) Aniline	7.24	93	160658	20.774 ng	99
8) 2-Chlorophenol	7.48	128	281553	55.216 ng	99
9) Benzaldehyde	7.05	77	123244	34.732 ng	100
10) Phenol	7.11	94	358272	58.104 ng	98
11) bis(2-Chloroethyl)ether	7.34	93	242918	46.081 ng	97
12) 1,3-Dichlorobenzene	7.81	146	277996	45.662 ng	99
13) 1,4-Dichlorobenzene	7.95	146	275923	45.759 ng	99
14) 1,2-Dichlorobenzene	8.27	146	264112	46.339 ng	99
15) Benzyl Alcohol	8.15	79	233263	52.883 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	319765	44.817 ng	99
17) 2-Methylphenol	8.36	107	242928	55.219 ng	97
18) Hexachloroethane	9.00	117	100129	44.251 ng	95
19) n-Nitroso-di-n-propylamine	8.72	70	198738	47.863 ng	98
20) 3+4-Methylphenols	8.69	107	332559	54.851 ng	96
22) Acetophenone	8.73	105	377171	43.183 ng	99
24) Nitrobenzene	9.12	77	283545	45.670 ng	99
25) Isophorone	9.64	82	554754	46.801 ng	100
26) 2-Nitrophenol	9.83	139	159668	49.563 ng	95
27) 2,4-Dimethylphenol	9.89	122	274383	60.337 ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	351005	44.389 ng	99
29) 2,4-Dichlorophenol	10.37	162	285515	51.924 ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	272122	43.159 ng	99
31) Naphthalene	10.77	128	808603	46.419 ng	100
32) Benzoic acid	10.06	122	132662	45.384 ng	90
33) 4-Chloroaniline	10.87	127	72605	9.164 ng	99
34) Hexachlorobutadiene	11.06	225	154985	39.948 ng	98
35) Caprolactam	11.64	113	114859m	57.022 ng	
36) 4-Chloro-3-methylphenol	12.01	107	311835	54.089 ng	99
37) 2-Methylnaphthalene	12.38	142	615930	47.623 ng	99
38) 1-Methylnaphthalene	12.59	142	587687	48.196 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	303241	40.169 ng	99

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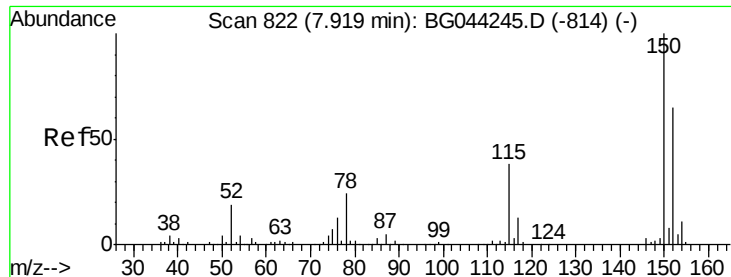
Manual Integrations
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Quant Time: Feb 06 02:16:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	348078	96.094	nq	100
43) 2,4,6-Trichlorophenol	12.99	196	235915	48.348	nq	98
44) 2,4,5-Trichlorophenol	13.06	196	255252	51.215	nq	100
46) 1,1'-Biphenyl	13.39	154	792257	43.523	nq	100
47) 2-Chloronaphthalene	13.43	162	624733	43.129	nq	98
48) 2-Nitroaniline	13.63	65	196926	46.066	nq	97
49) Acenaphthylene	14.27	152	1011826	47.624	nq	99
50) Dimethylphthalate	14.01	163	909872	50.157	nq	99
51) 2,6-Dinitrotoluene	14.13	165	193449	47.827	nq	98
52) Acenaphthene	14.62	154	624257	45.331	nq	98
53) 3-Nitroaniline	14.45	138	68266	15.255	nq	100
54) 2,4-Dinitrophenol	14.66	184	218518	90.110	nq	98
55) Dibenzofuran	14.96	168	973244	46.678	nq	100
56) 4-Nitrophenol	14.77	139	354878	108.264	nq	99
57) 2,4-Dinitrotoluene	14.92	165	268083	47.289	nq	99
58) Fluorene	15.60	166	779875	47.489	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	224453	49.859	nq	98
60) Diethylphthalate	15.38	149	835976	46.248	nq	100
61) 4-Chlorophenyl-phenylether	15.60	204	405860	45.581	nq	98
62) 4-Nitroaniline	15.62	138	194085	43.405	nq	97
63) Azobenzene	15.89	77	755929	47.716	nq	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	164220	53.756	nq	97
66) n-Nitrosodiphenylamine	15.81	169	738521	47.618	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	271923	45.099	nq	98
68) Hexachlorobenzene	16.61	284	297811	44.087	nq	99
69) Atrazine	16.76	200	276319	51.980	nq	99
70) Pentachlorophenol	16.95	266	337394	98.034	nq	97
71) Phenanthrene	17.34	178	1238590	46.218	nq	98
72) Anthracene	17.43	178	1286524	48.558	nq	99
73) Carbazole	17.70	167	1133721	46.416	nq	99
74) Di-n-butylphthalate	18.26	149	1377541	45.639	nq	100
75) Fluoranthene	19.35	202	1428577	46.082	nq	98
77) Benzidine	19.53	184	535698	39.735	nq	99
78) Pyrene	19.72	202	1437755	46.061	nq	100
80) Butylbenzylphthalate	20.60	149	662941	46.605	nq	98
81) Benzo(a)anthracene	21.53	228	1397498	46.652	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	289183	24.874	nq	99
83) Chrysene	21.60	228	1338662	46.233	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	932696	47.638	nq	100
85) Di-n-octyl phthalate	22.62	149	1614844	47.669	nq	100
86) Indeno(1,2,3-cd)pyrene	28.16	276	1765776	46.744	nq	100
88) Benzo(b)fluoranthene	23.66	252	1485011	46.053	nq	100
89) Benzo(k)fluoranthene	23.73	252	1465389	46.627	nq	100
90) Benzo(a)pyrene	24.50	252	1391119	45.629	nq	99
91) Dibenzo(a,h)anthracene	28.21	278	1463143	48.492	nq	99
92) Benzo(g,h,i)perylene	29.25	276	1471739	48.725	nq	99

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



#1

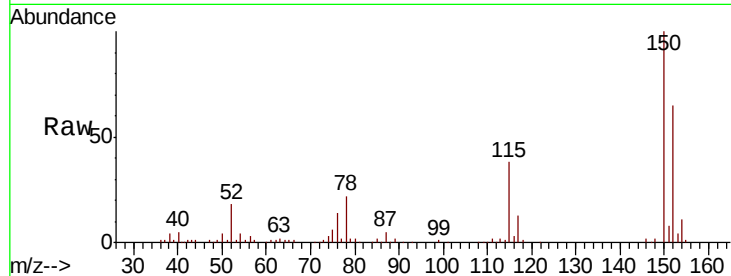
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :
SB-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.6	183.8
115	58.2	46.0	69.0

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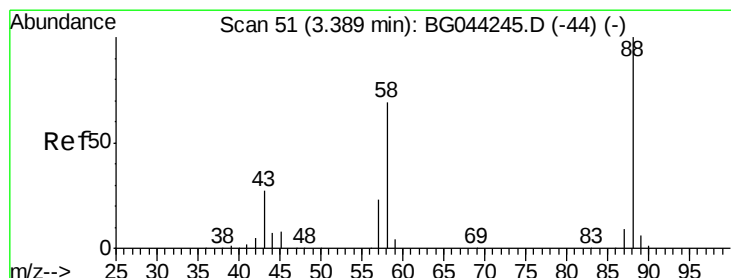
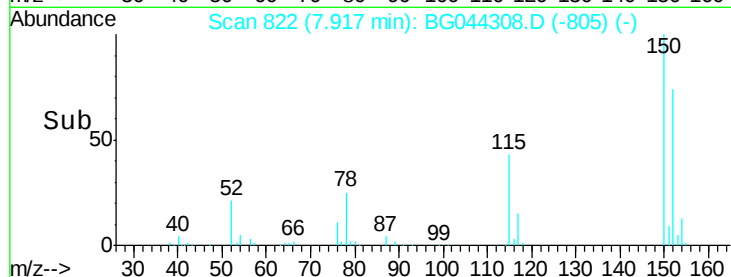
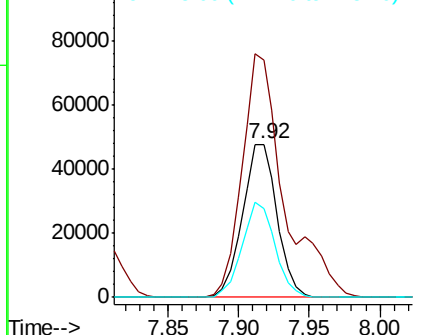


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

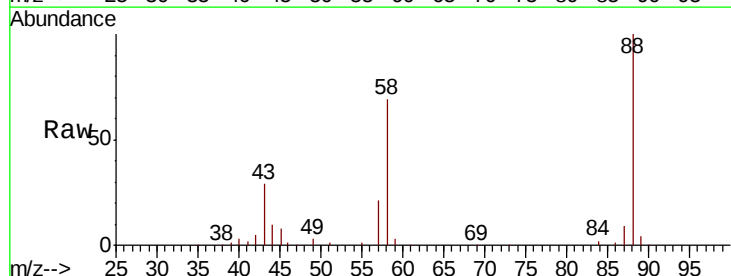
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.477 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.8	83.6
43	26.5	21.6	32.4

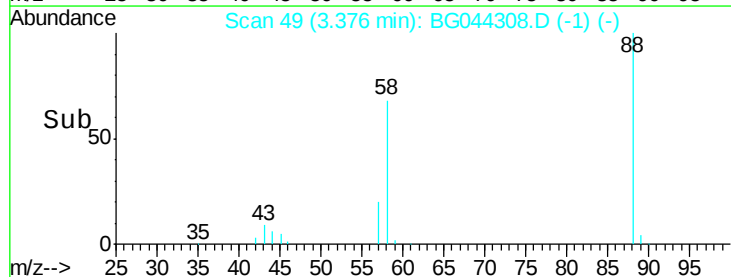
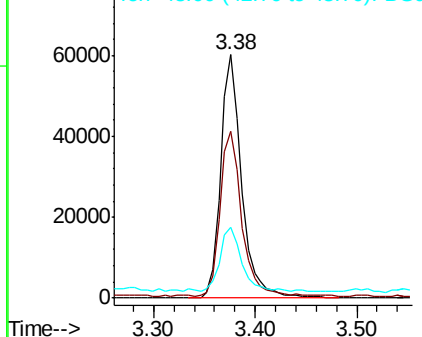


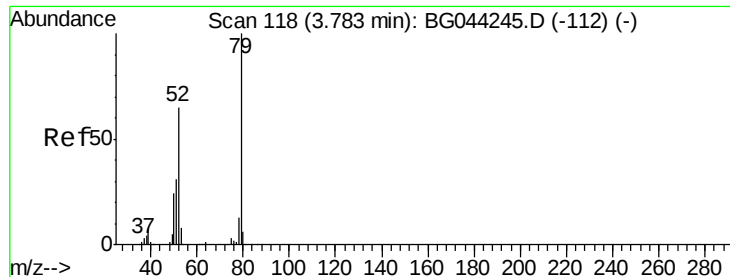
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.443 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

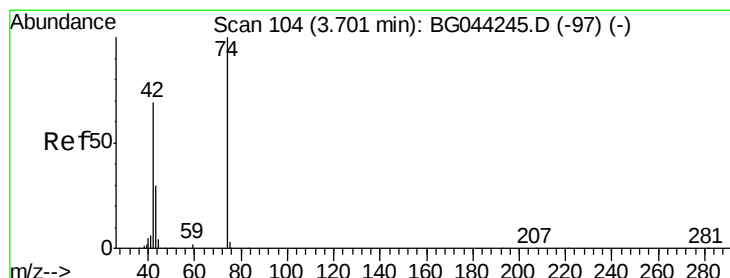
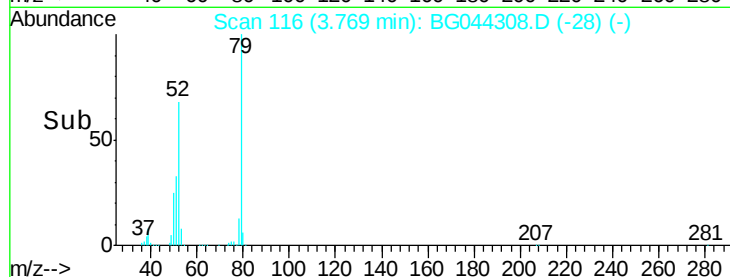
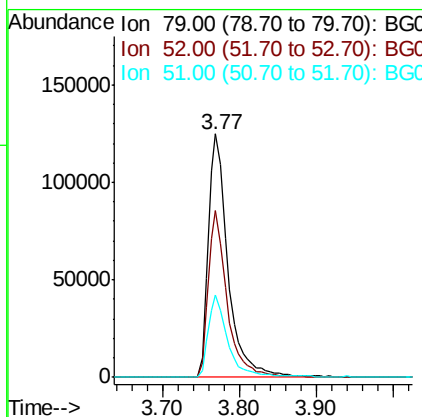
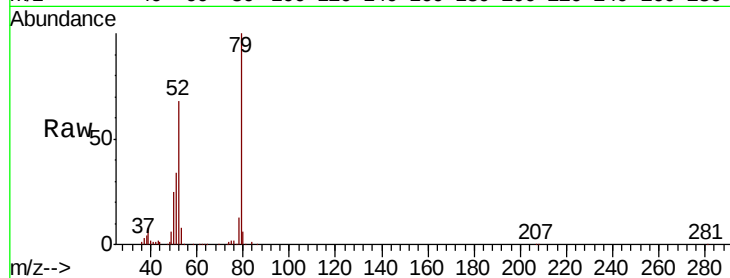
ClientSampleId :

SB-2MS

Tot Ion:	79	Resp:	219058
Ion	Ratio	Lower	Upper
79	100		
52	68.4	51.9	77.9
51	34.0	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 46.821 ng

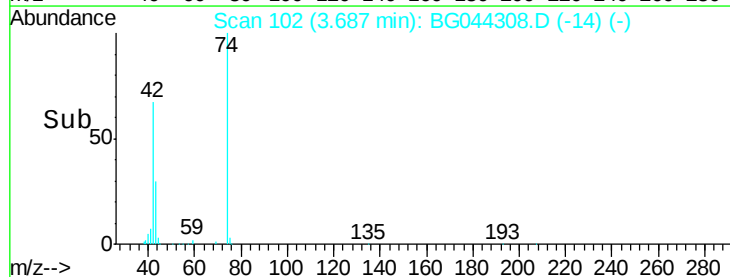
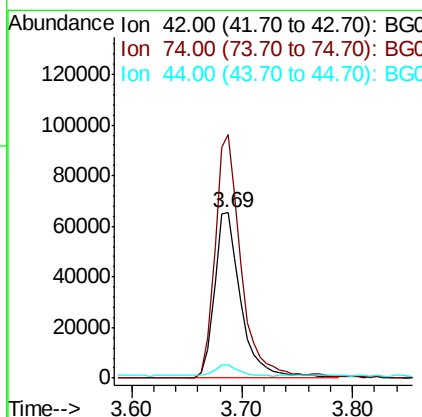
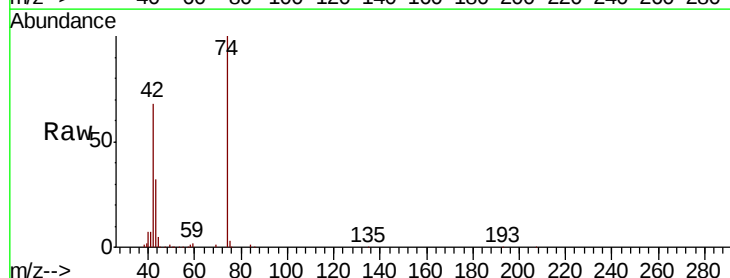
RT: 3.69 min Scan# 102

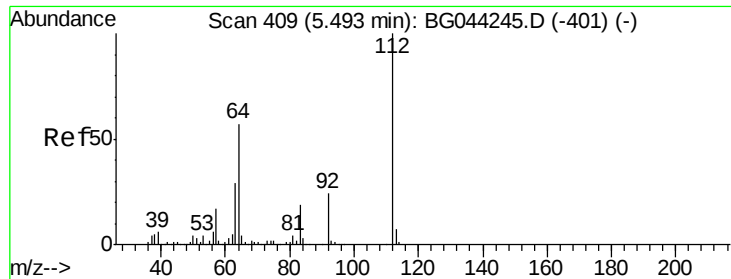
Delta R.T. -0.01 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:	42	Resp:	108661
Ion	Ratio	Lower	Upper
42	100		
74	147.6	115.1	172.7
44	7.7	5.6	8.4





#5

2-Fluorophenol

Concen: 125.732 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

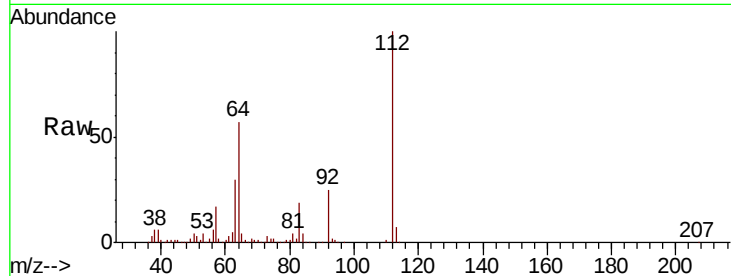
ClientSampled :

SB-2MS

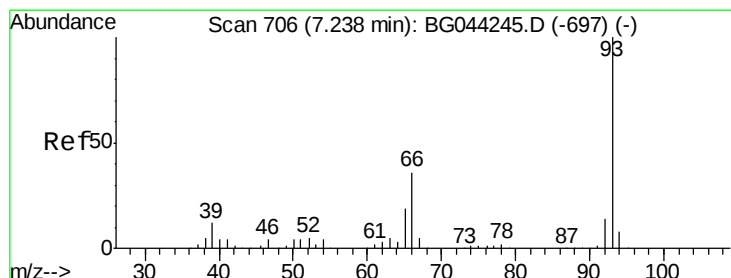
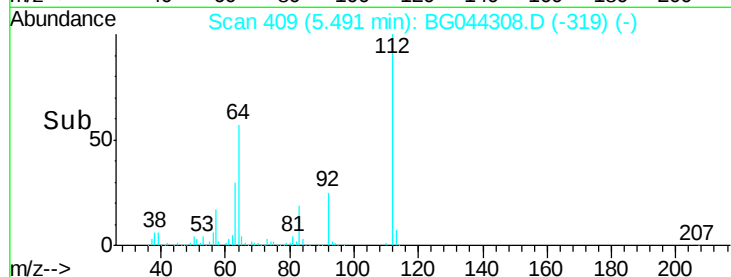
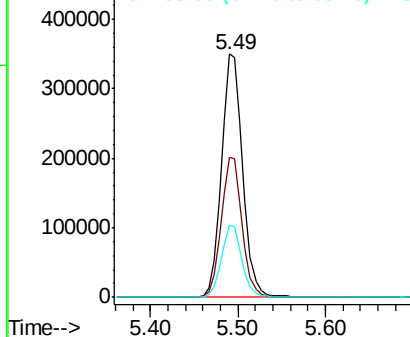
Tot Ion	Ratio	Resp	Lower	Upper
112	100	583354		
64	57.4		45.4	68.2
63	29.6		22.9	34.3

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



#6

Aniline

Concen: 20.774 ng

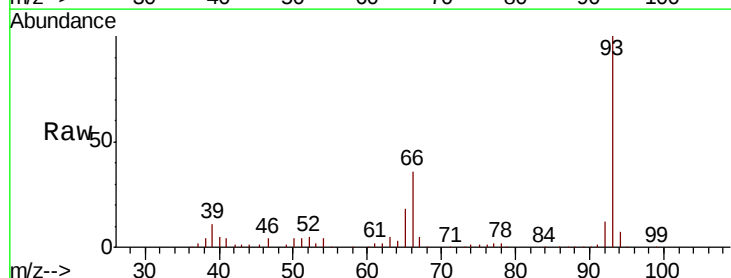
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

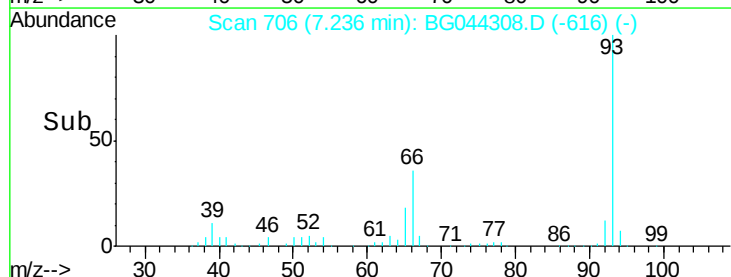
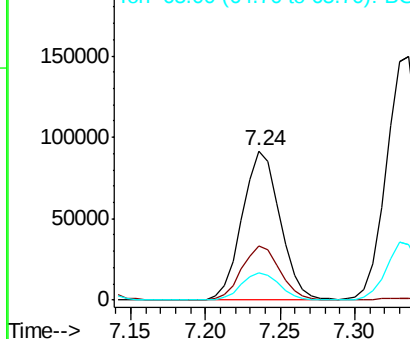
Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	160658		
66	36.1		28.7	43.1
65	18.4		15.4	23.0



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





#7

Phenol-d6

Concen: 126.839 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

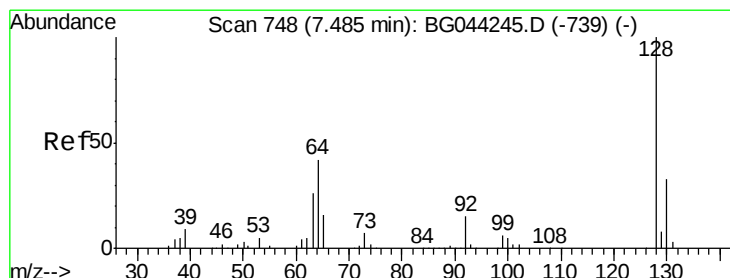
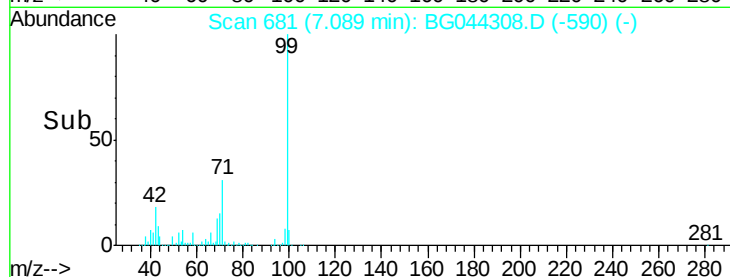
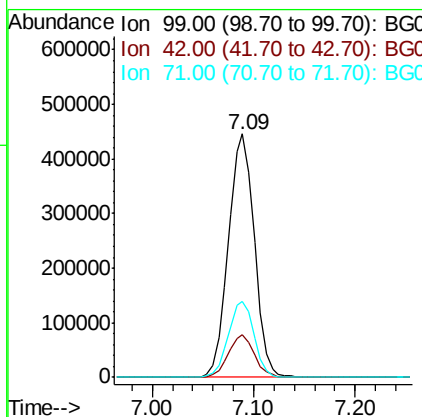
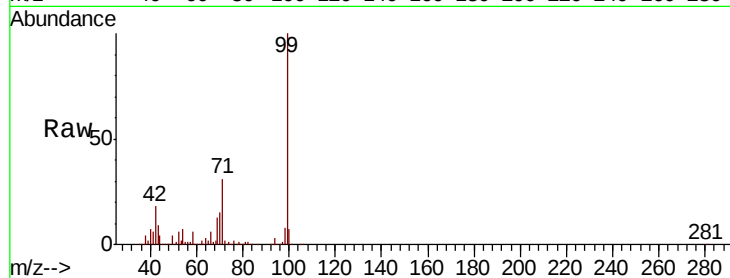
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		790257		
42	17.7	13.8	20.6		
71	31.3	25.5	38.3		

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#8

2-Chlorophenol

Concen: 55.216 ng

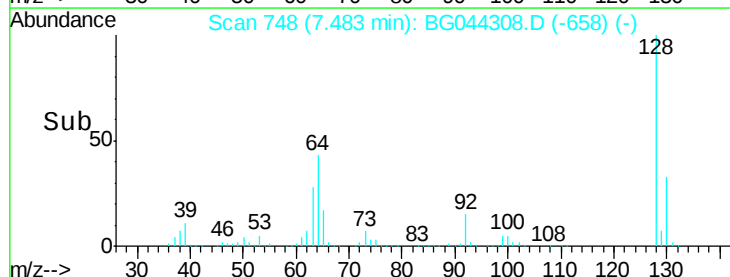
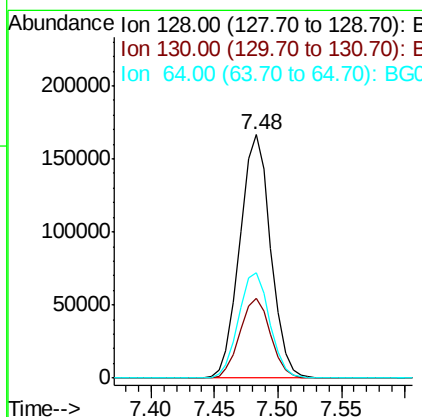
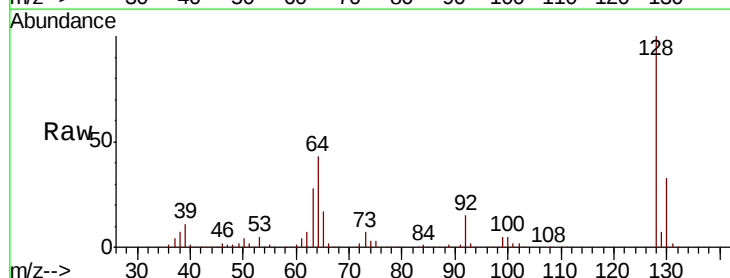
RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		281553		
130	32.9	12.5	52.5		
64	43.4	24.2	64.2		





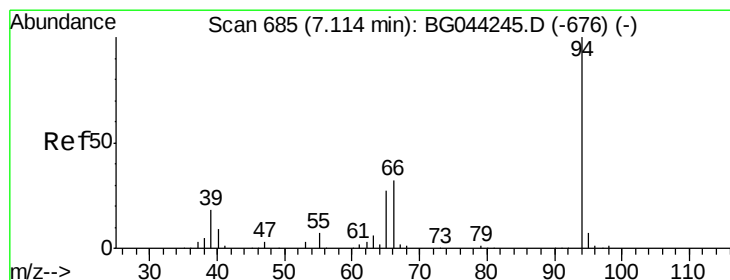
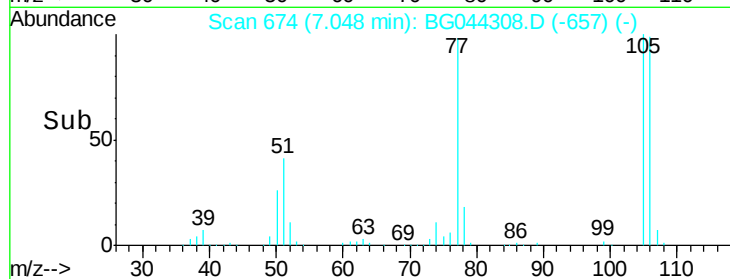
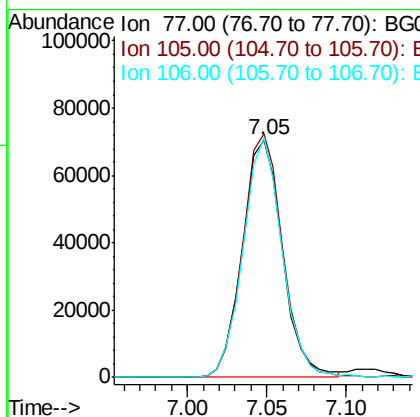
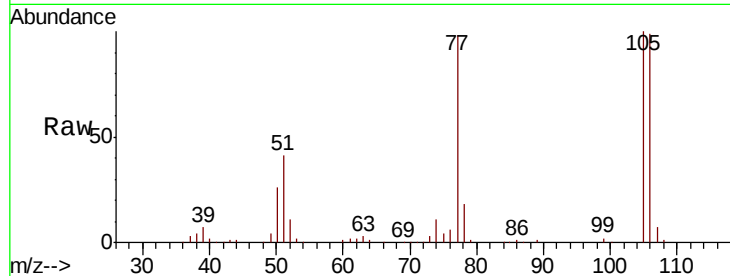
#9
Benzaldehyde
Concen: 34.732 ng
RT: 7.05 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.5	82.0	122.0
106	101.1	80.7	120.7

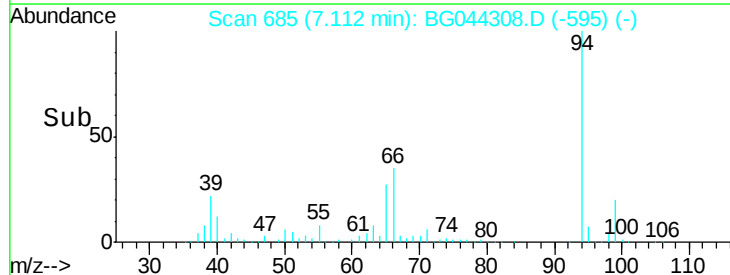
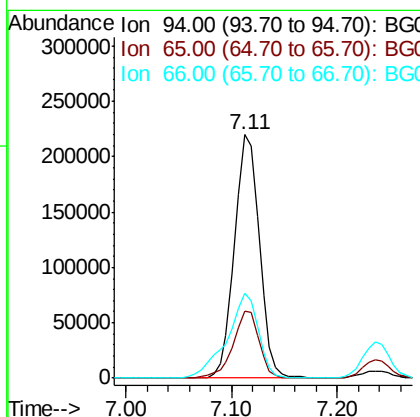
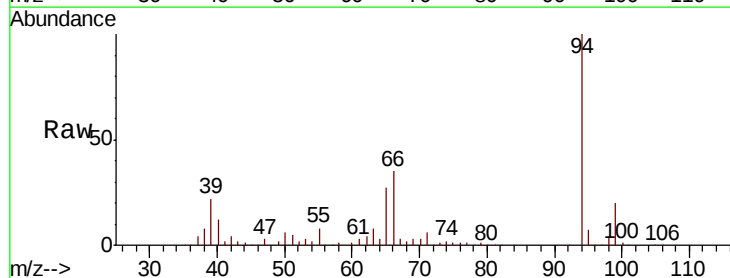
Manual Integrations
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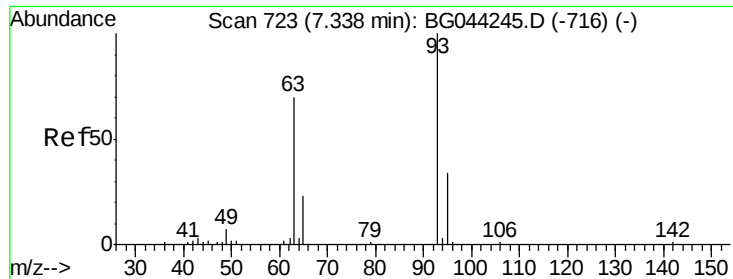
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#10
Phenol
Concen: 58.104 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.0	47.0
66	34.7	12.7	52.7





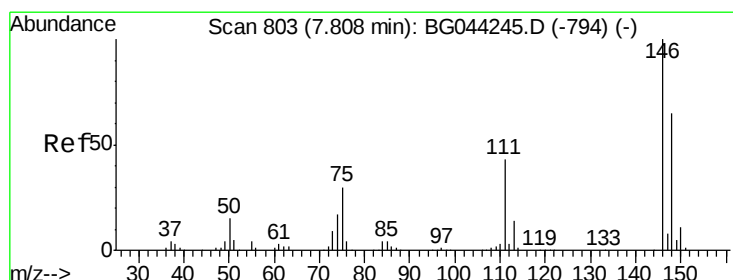
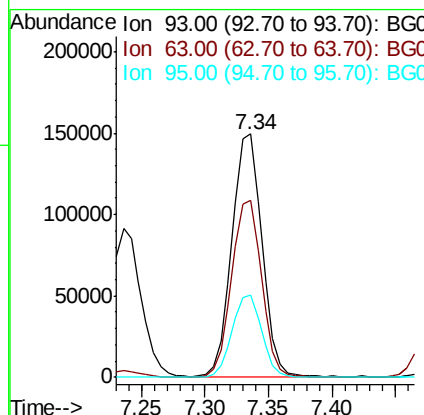
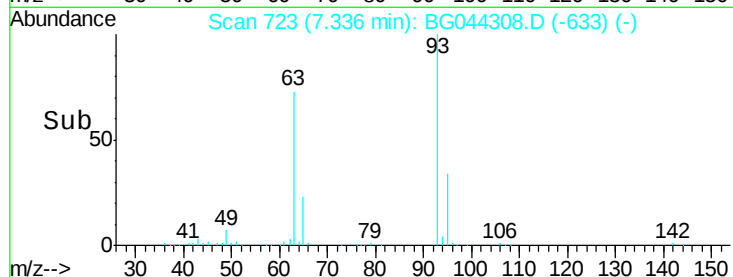
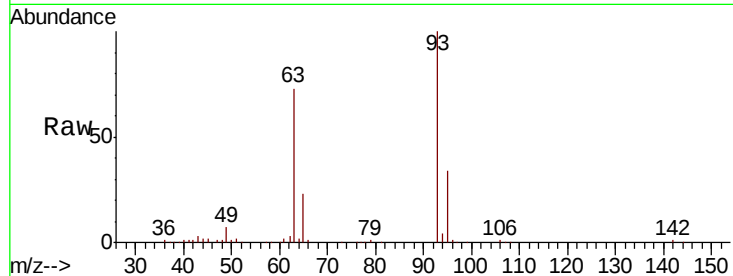
#11
bis(2-Chloroethyl)ether
Concen: 46.081 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	242918		
63	72.6		49.2	89.2
95	33.9		13.6	53.6

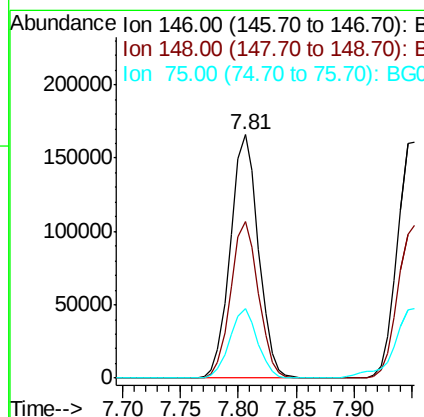
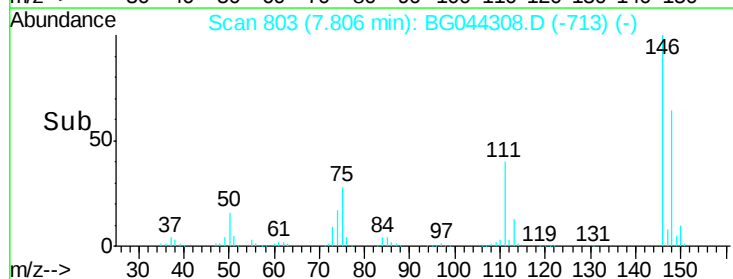
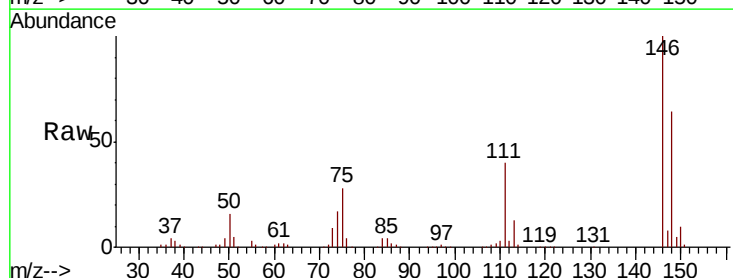
Manual Integrations
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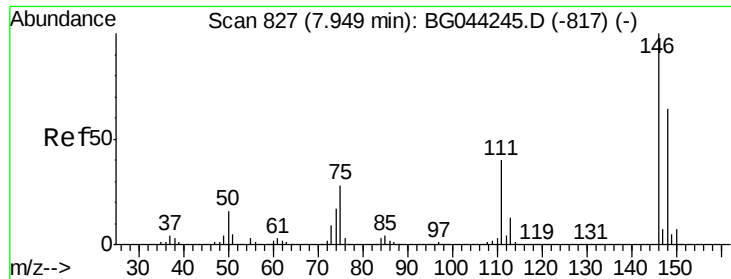
mohammad
2/6/2020 2:19:27 PM



#12
1,3-Dichlorobenzene
Concen: 45.662 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	277996		
148	64.1		51.8	77.8
75	28.3		23.7	35.5





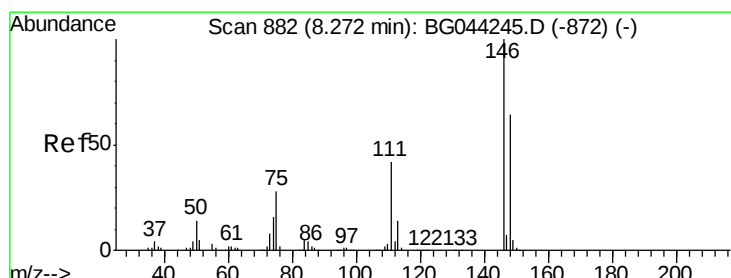
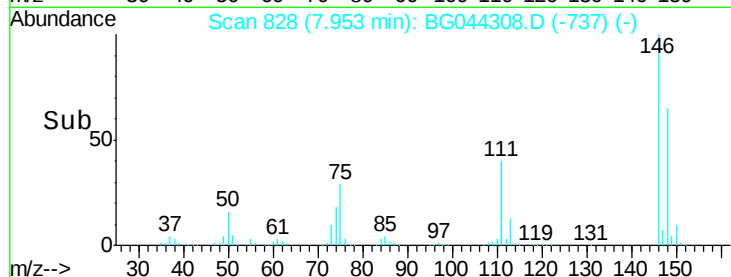
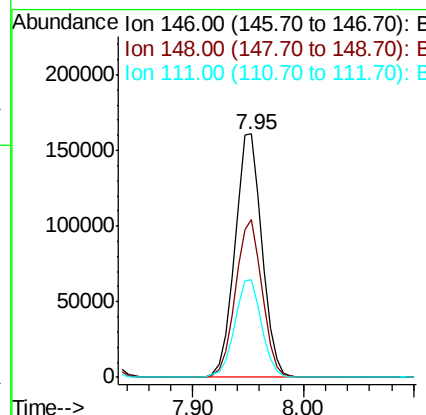
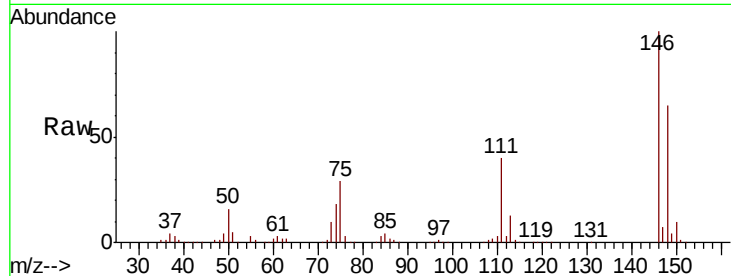
#13
 1,4-Dichlorobenzene
 Concen: 45.759 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		275923		
148	64.9	51.4	77.0		
111	40.1	31.8	47.8		

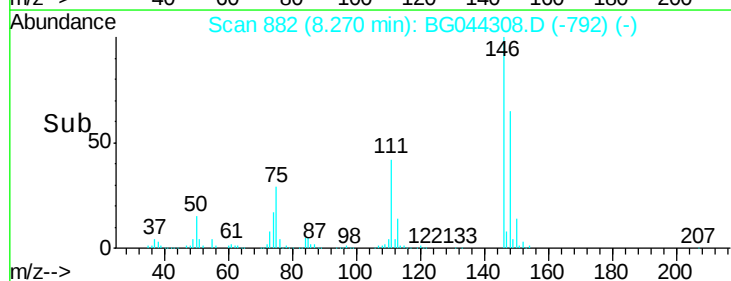
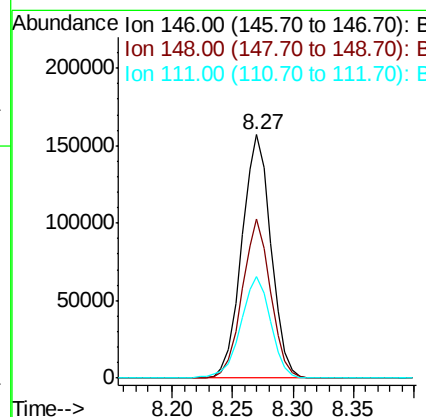
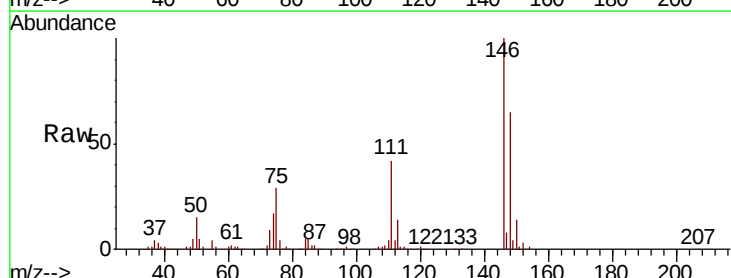
Manual Integrations
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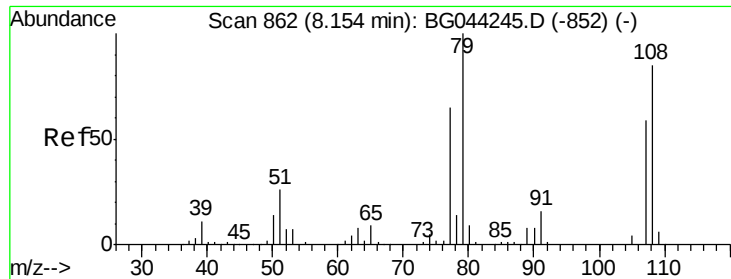
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.339 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		264112		
148	65.3	51.2	76.8		
111	41.8	34.0	51.0		





#15

Benzyl Alcohol

Concen: 52.883 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

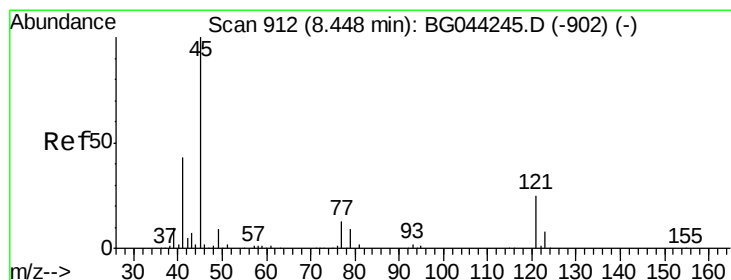
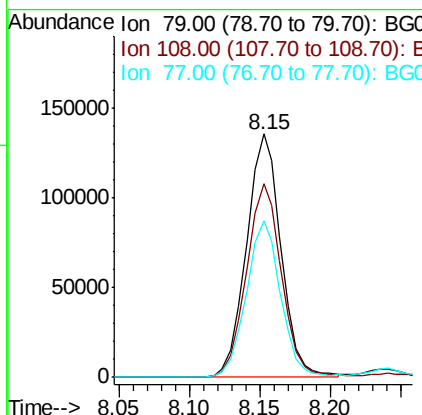
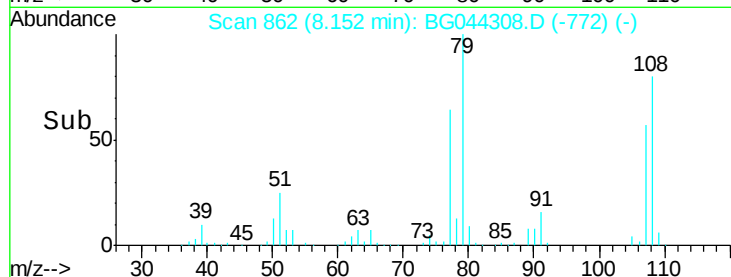
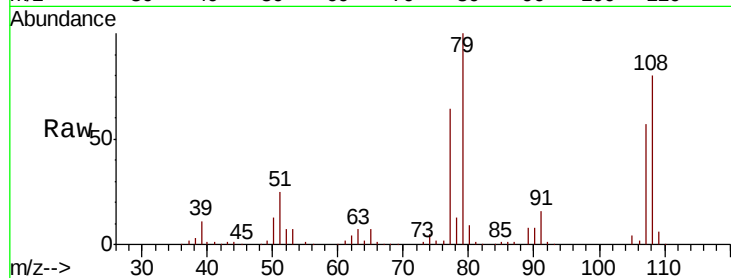
ClientSampleId :

SB-2MS

Tot Ion:	79	Resp:	233263
Ion Ratio	Lower	Upper	
79	100		
108	79.8	68.3	102.5
77	64.2	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.817 ng

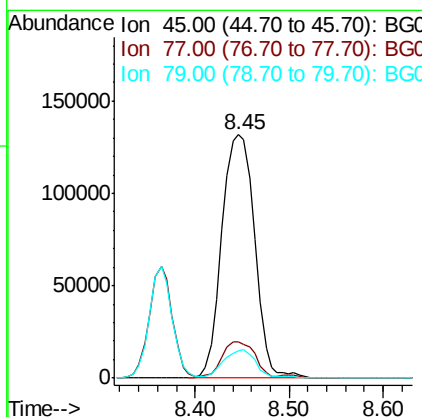
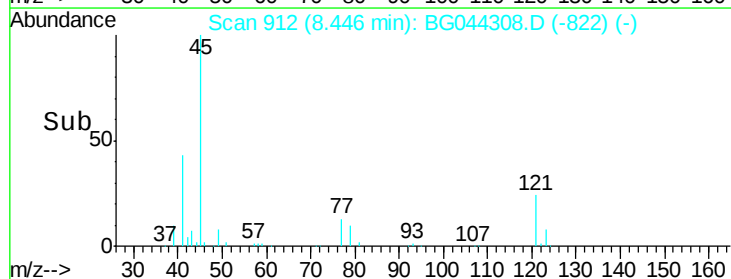
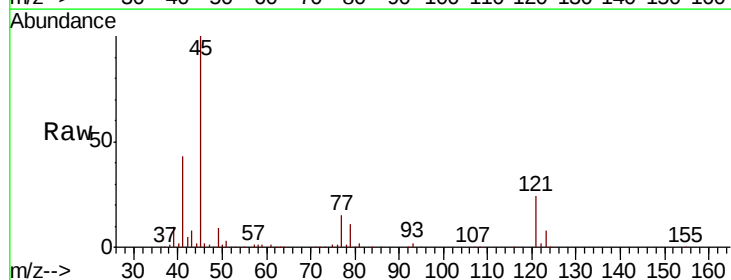
RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:	45	Resp:	319765
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.2
79	11.3	0.0	31.1





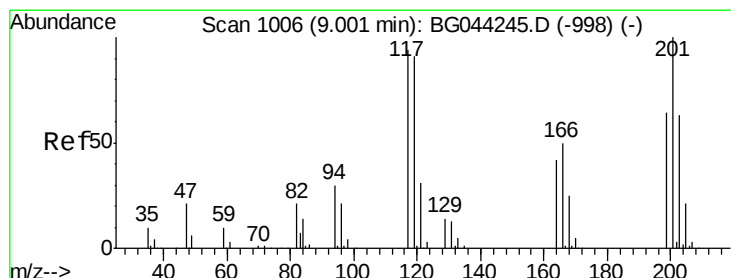
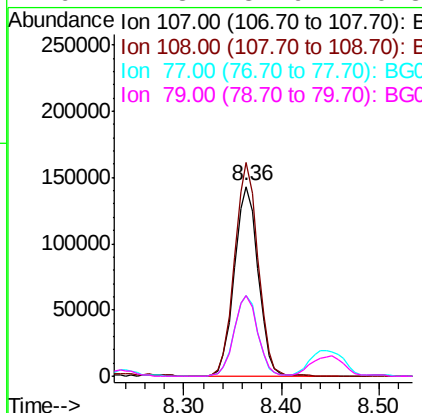
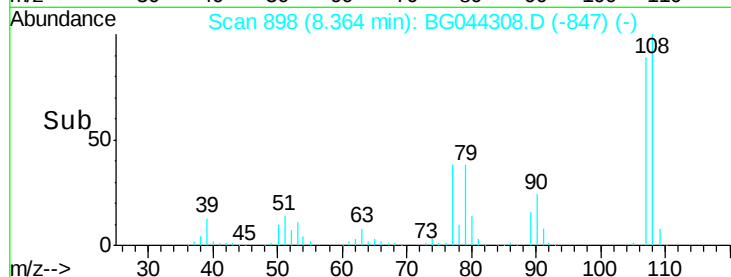
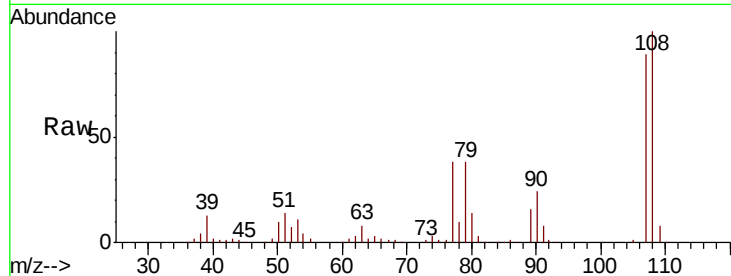
#17
2-Methylphenol
Concen: 55.219 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	86.4	129.6	
77	42.5	34.0	51.0	
79	42.3	32.9	49.3	

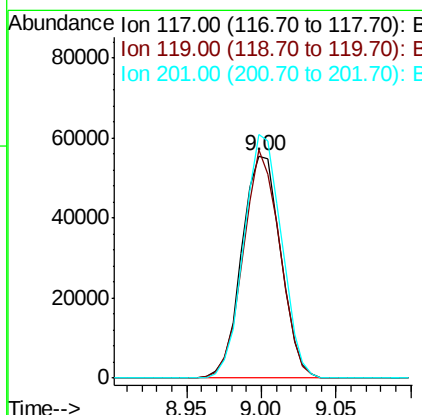
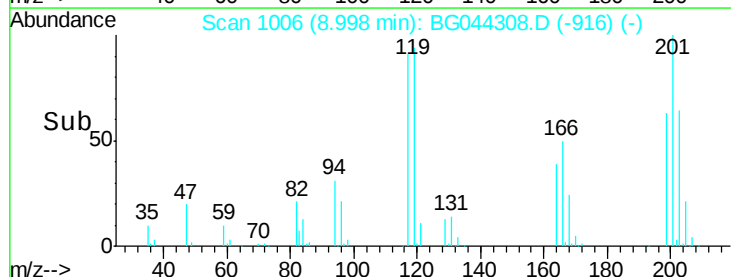
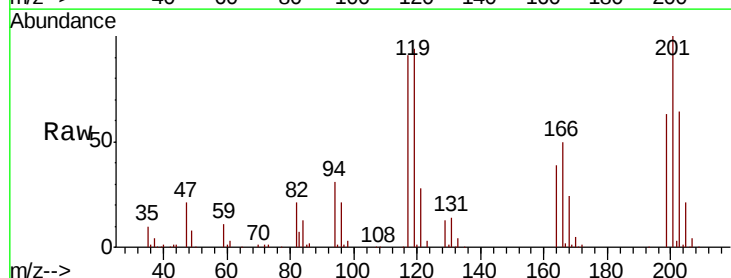
Manual Integrations
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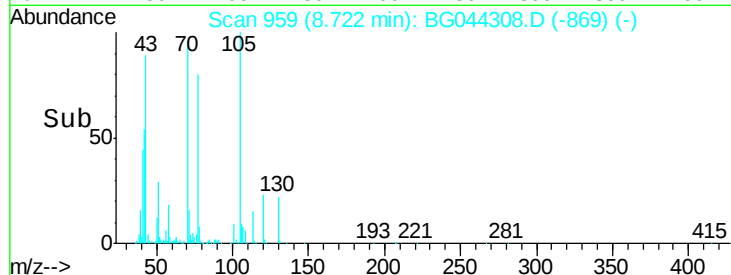
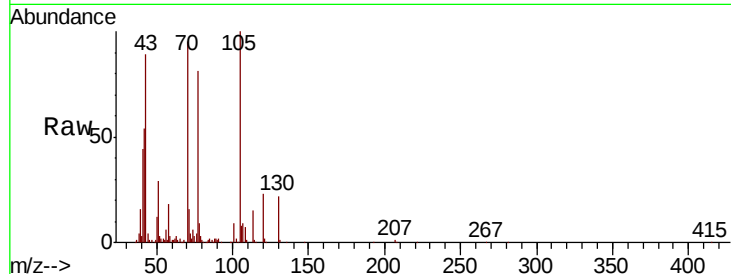
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#18
Hexachloroethane
Concen: 44.251 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.6	77.5	116.3	
201	109.6	84.9	127.3	





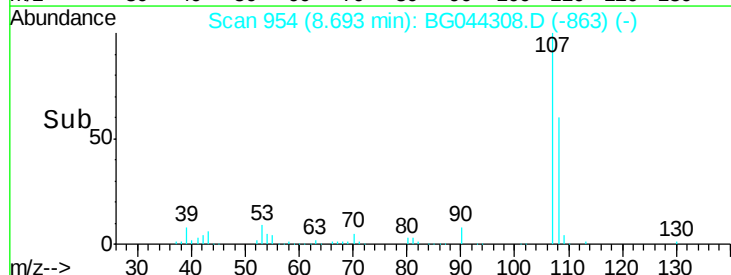
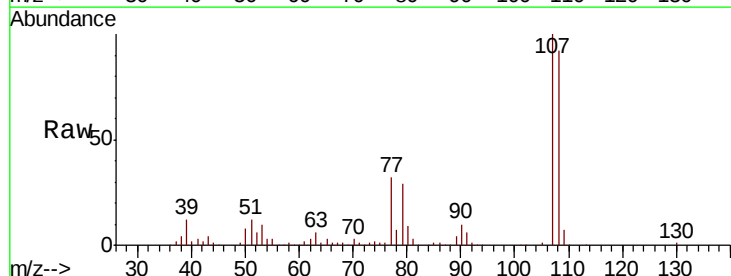
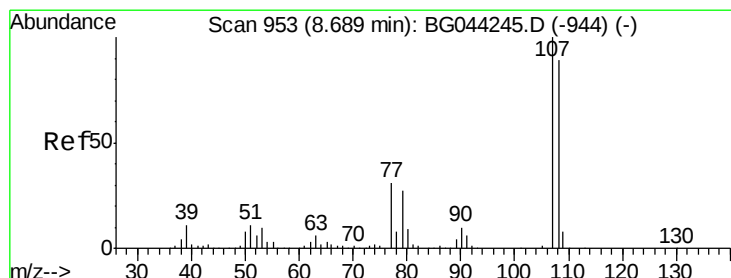
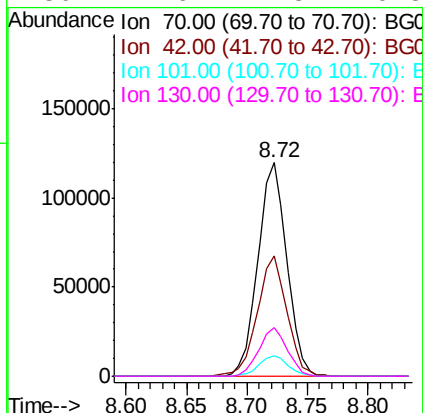
#19
n-Nitroso-di-n-propylamine
Concen: 47.863 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Manual Integrations
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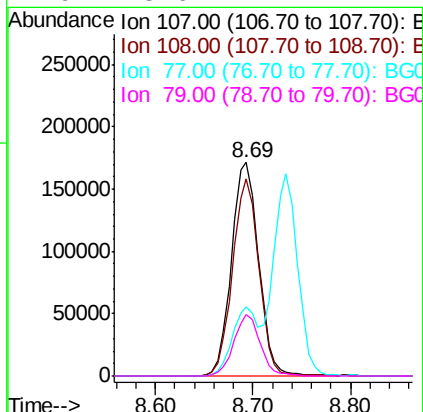
mohammad
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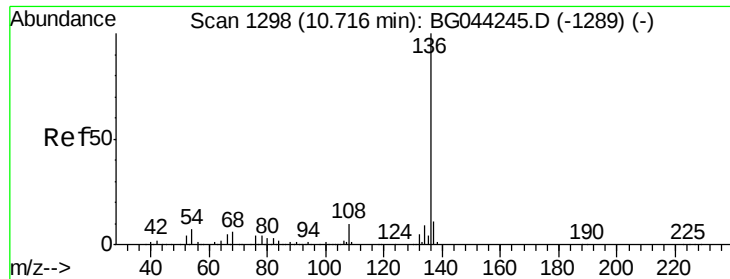
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	46.2	69.2	
101	9.6	8.4	12.6	
130	22.6	17.8	26.8	



#20
3+4-Methylphenols
Concen: 54.851 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.3	68.5	108.5	
77	32.2	10.9	50.9	
79	28.6	7.1	47.1	





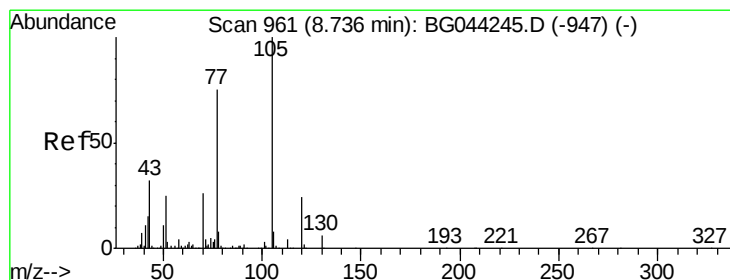
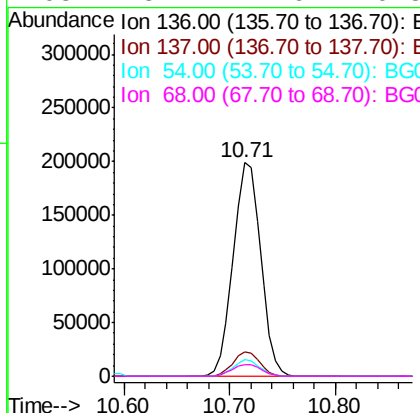
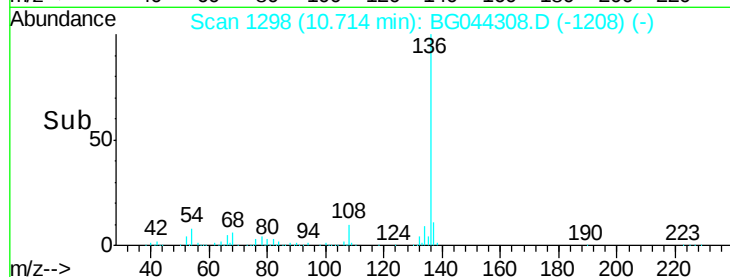
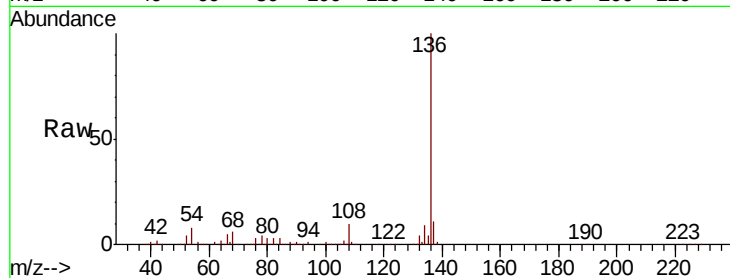
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		359040		
137	11.4	8.8	13.2		
54	7.6	5.8	8.8		
68	5.7	4.6	6.8		

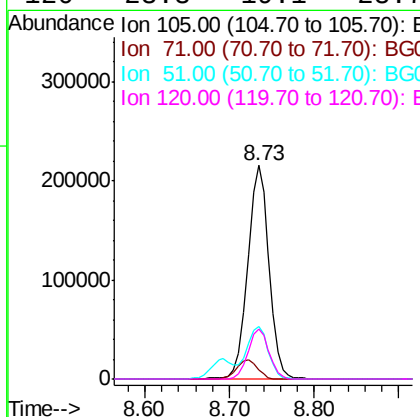
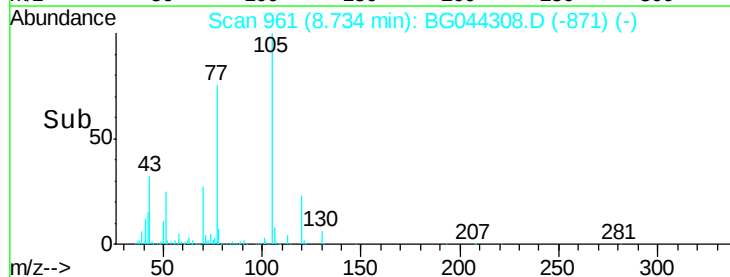
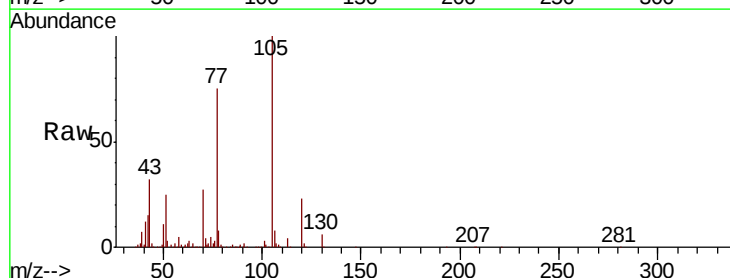
Manual Integrations
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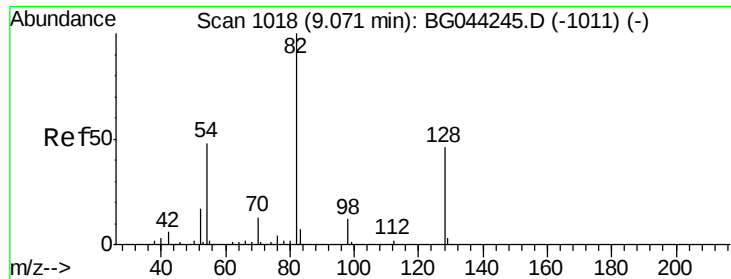
mohammad
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#22
Acetophenone
Concen: 43.183 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		377171		
71	4.2	3.4	5.0		
51	24.8	20.2	30.4		
120	23.3	19.1	28.7		





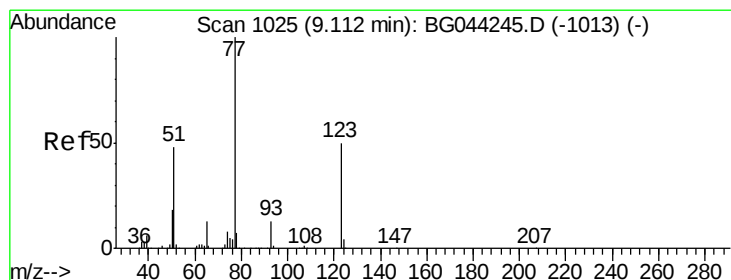
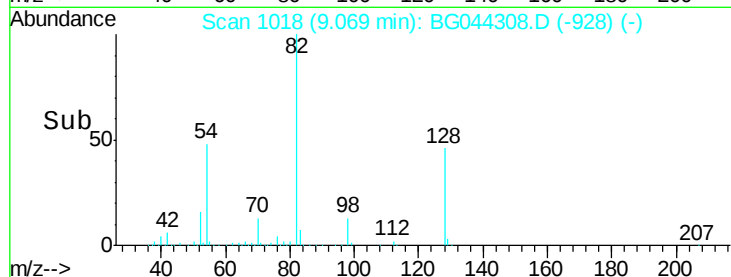
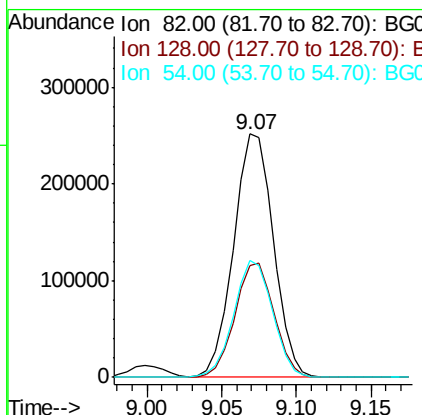
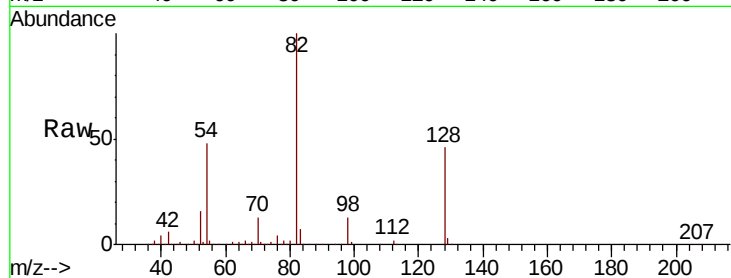
#23
Nitrobenzene-d5
Concen: 73.096 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.5	54.7
54	48.0	38.6	58.0

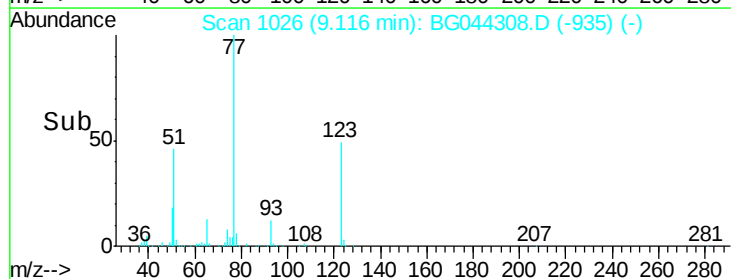
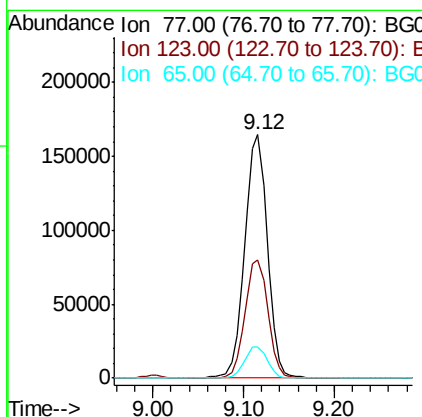
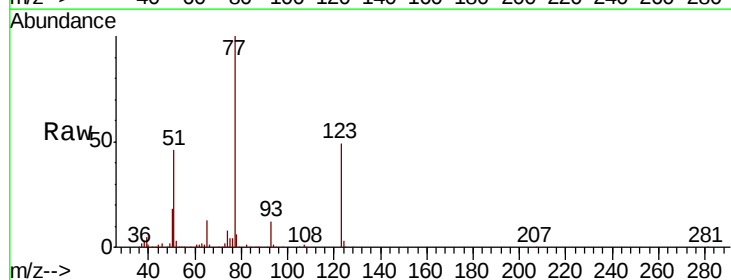
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#24
Nitrobenzene
Concen: 45.670 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 46.801 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

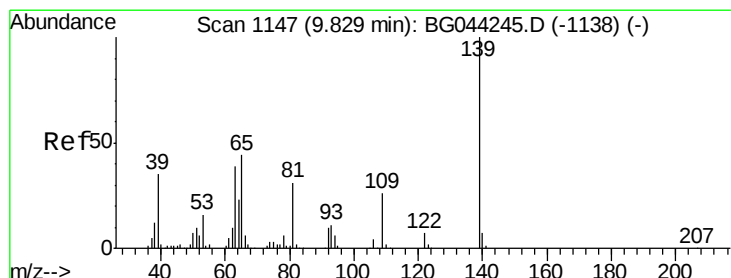
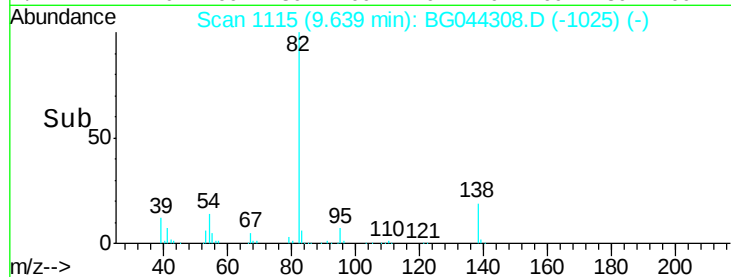
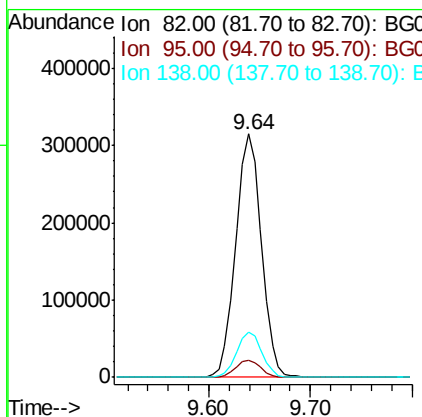
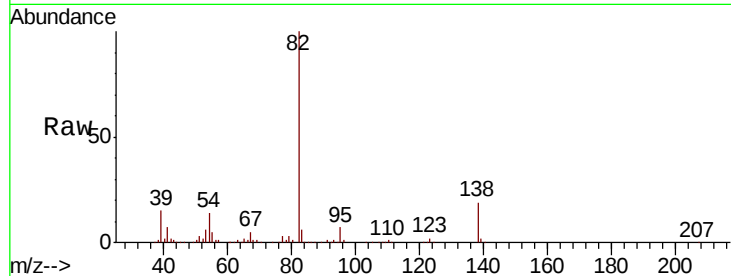
ClientSampleId :

SB-2MS

Tot Ion:	82	Resp:	554754
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	18.6	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.563 ng

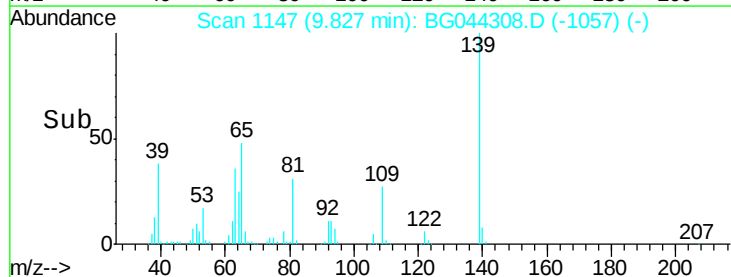
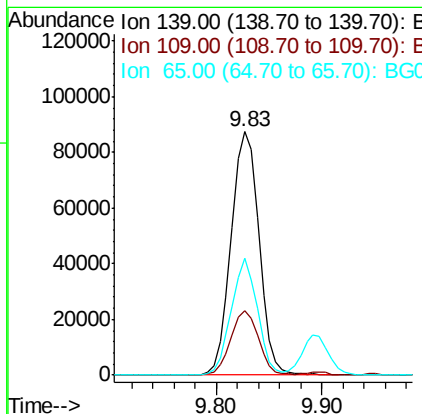
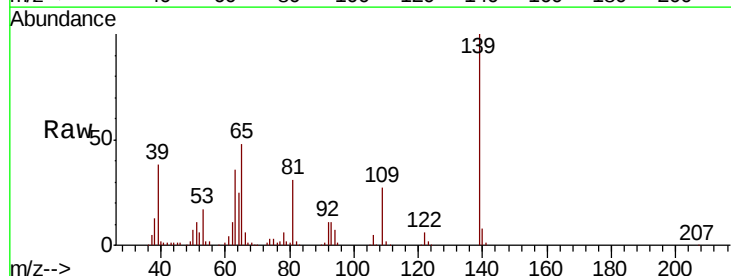
RT: 9.83 min Scan# 1147

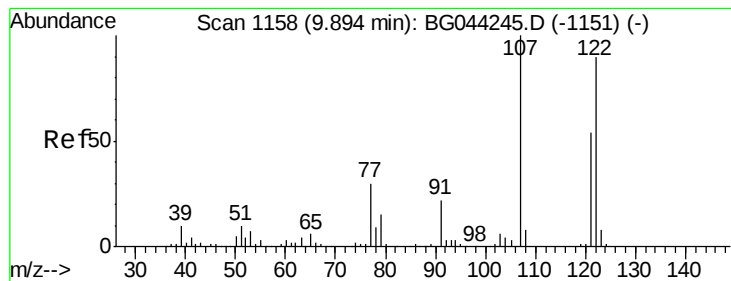
Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:	139	Resp:	159668
Ion	Ratio	Lower	Upper
139	100		
109	26.7	21.0	31.4
65	48.2	35.0	52.4





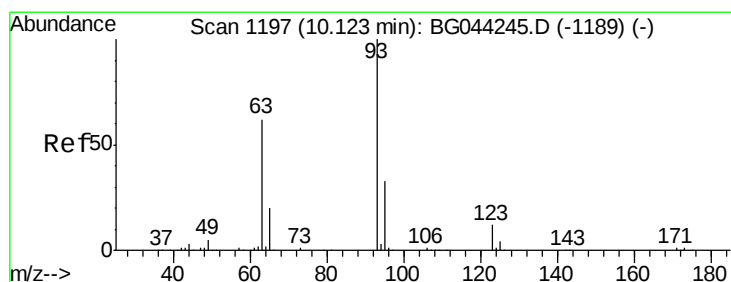
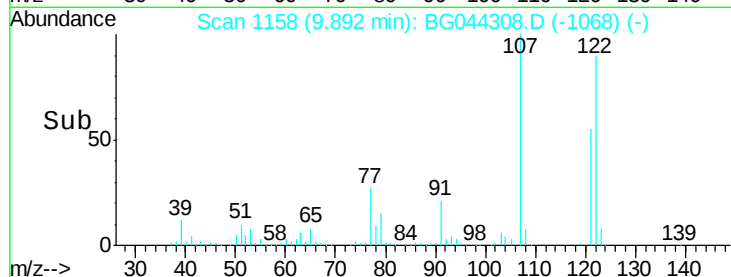
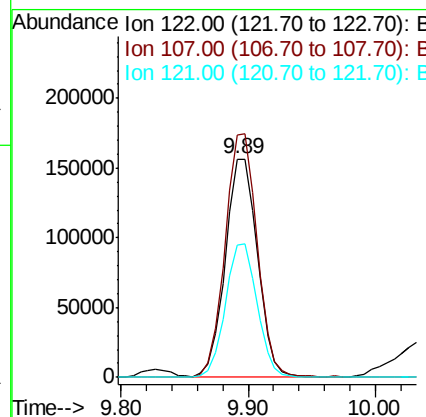
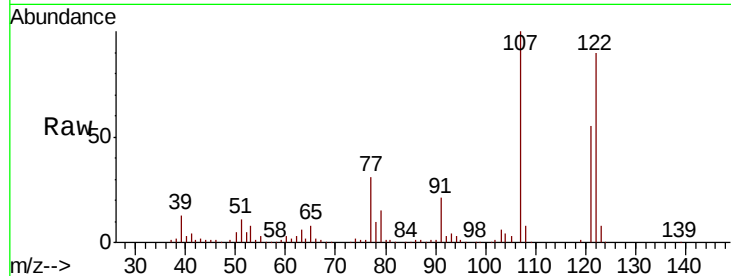
#27
2,4-Dimethylphenol
Concen: 60.337 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :
SB-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		274383		
107	110.8	88.8		133.2	
121	60.8	48.3		72.5	

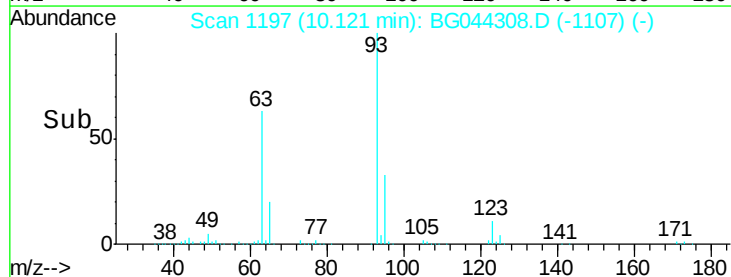
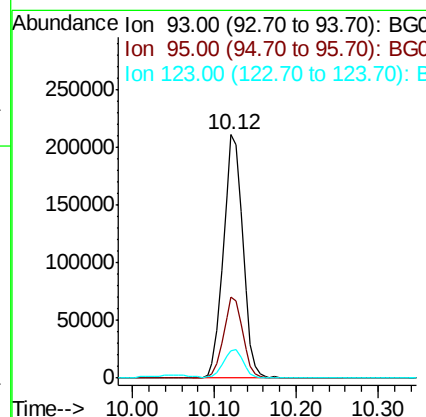
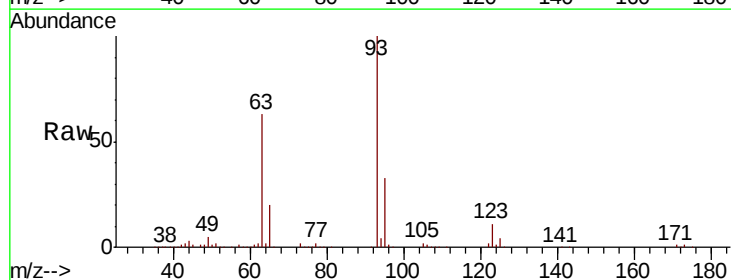
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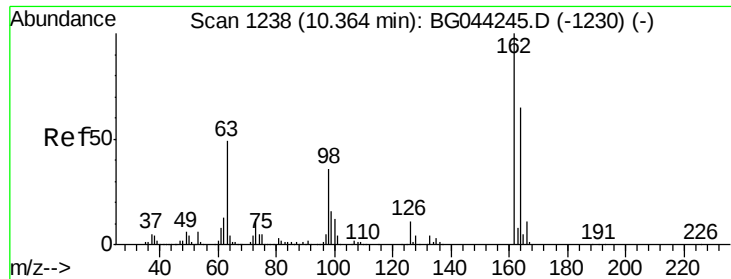
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#28
bis(2-Chloroethoxy)methane
Concen: 44.389 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		351005		
95	33.3	26.6		40.0	
123	11.3	10.0		15.0	





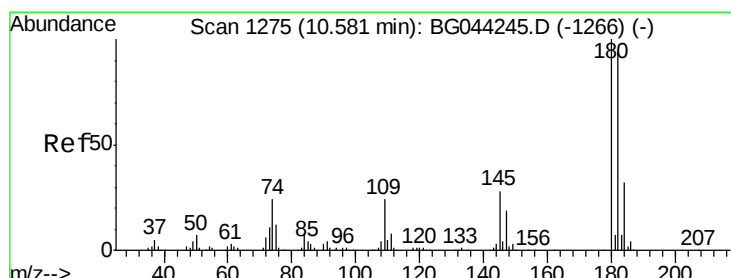
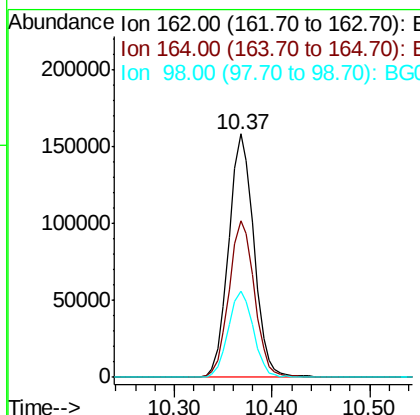
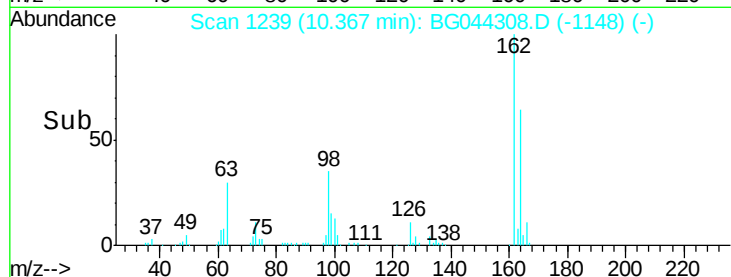
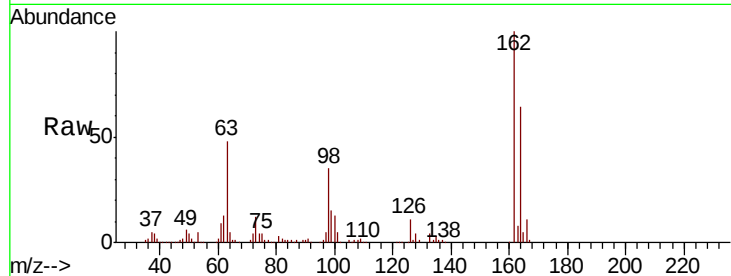
#29
 2,4-Dichlorophenol
 Concen: 51.924 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	44.7	84.7
98	35.1	15.8	55.8

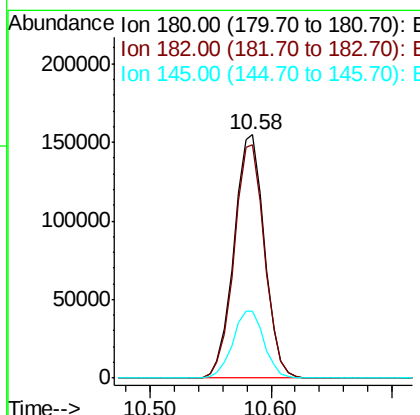
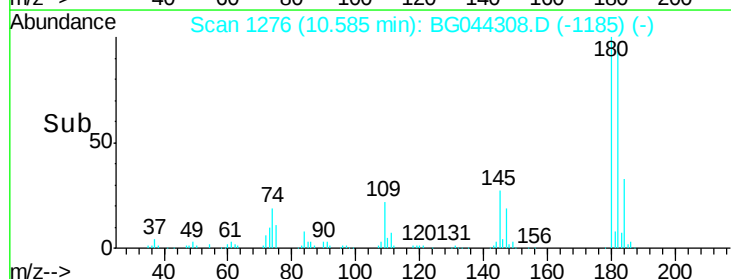
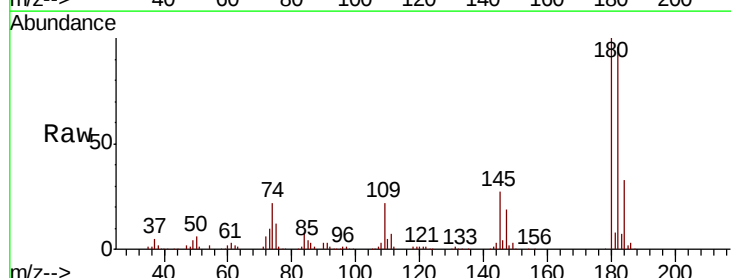
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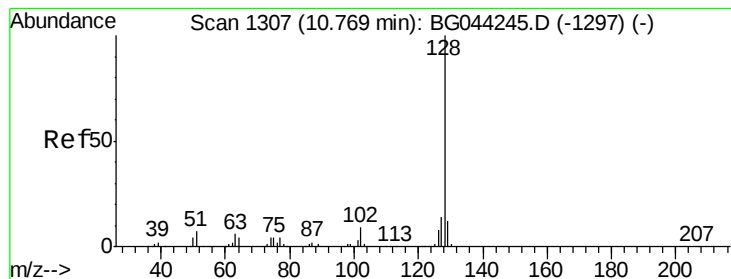
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.159 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	75.5	113.3
145	27.5	22.6	34.0





#31

Naphthalene

Concen: 46.419 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

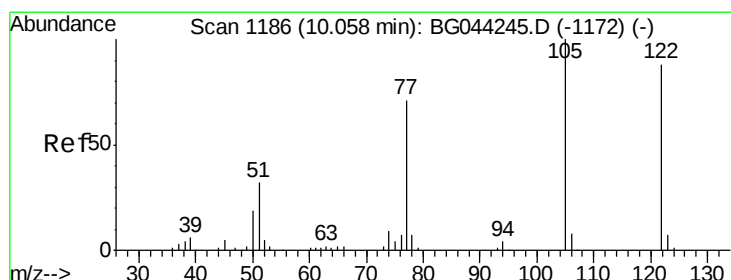
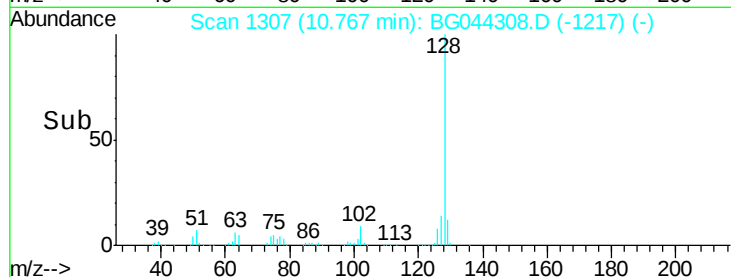
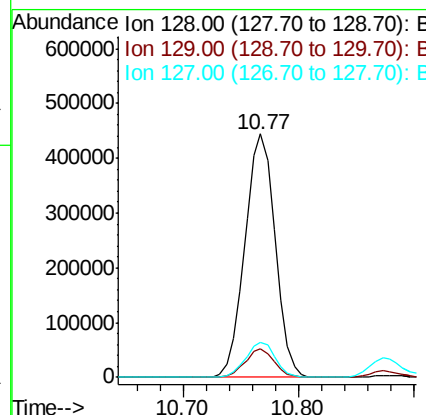
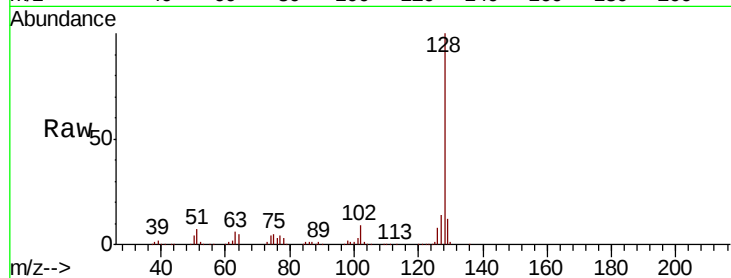
ClientSampleId :

SB-2MS

Tot Ion:	128	Resp:	808603
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.3	13.9
127	14.5	11.6	17.4

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#32

Benzoic acid

Concen: 45.384 ng

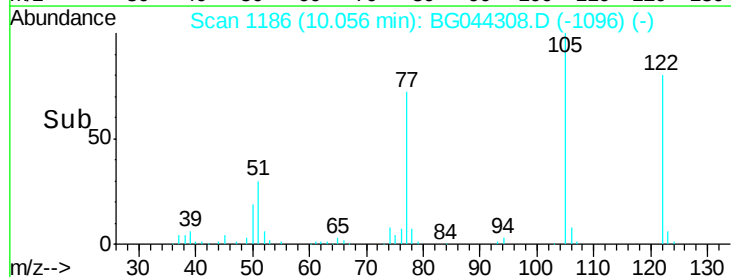
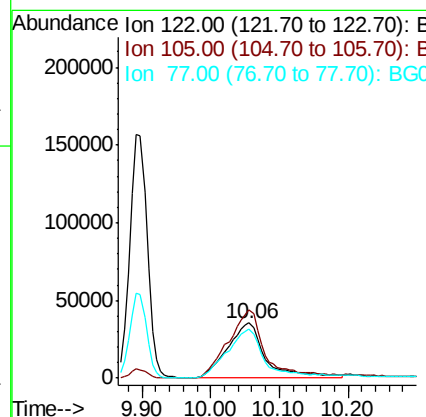
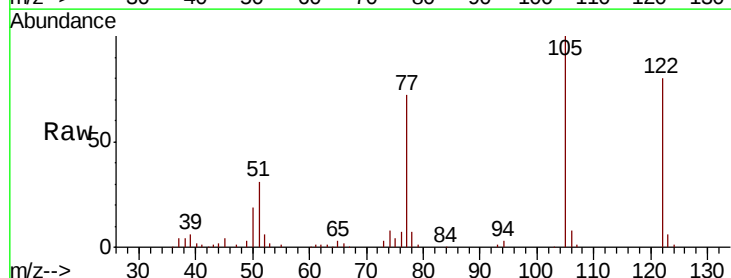
RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:	122	Resp:	132662
Ion Ratio	Lower	Upper	
122	100		
105	124.4	93.5	133.5
77	89.8	61.0	101.0





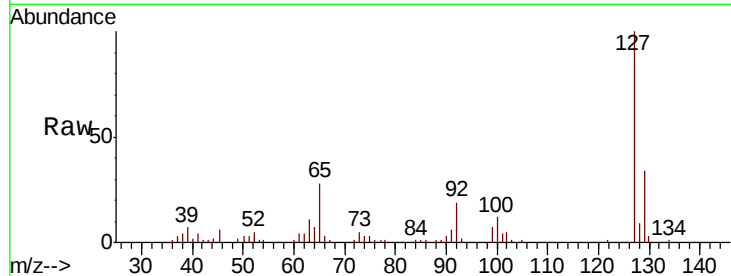
#33
4-Chloroaniline
Concen: 9.164 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :
SB-2MS

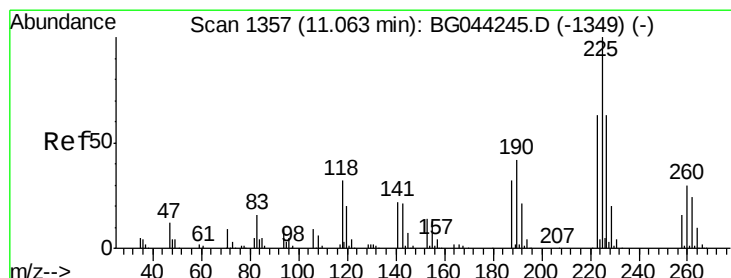
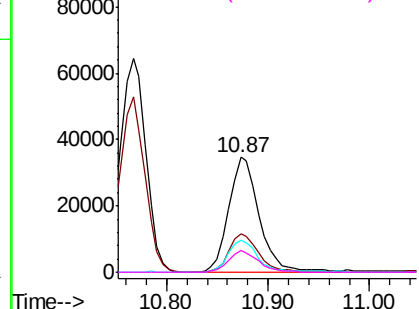
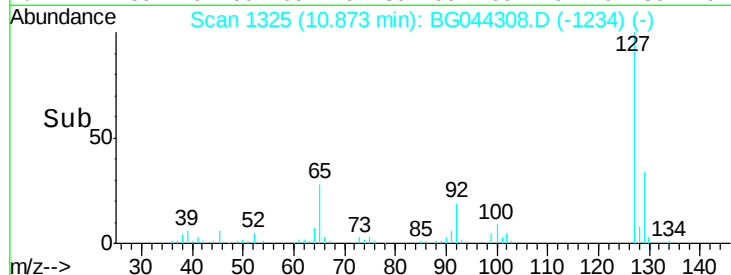
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.6	40.0		
65	28.1	22.5	33.7		
92	18.5	14.1	21.1		

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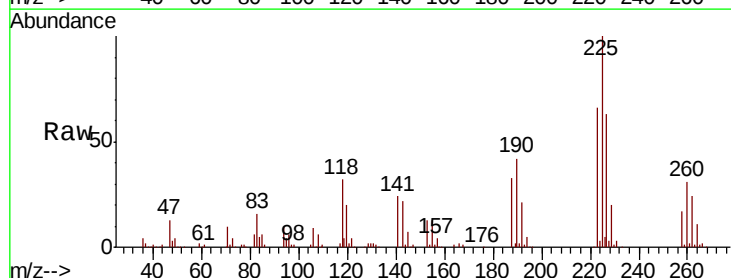


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

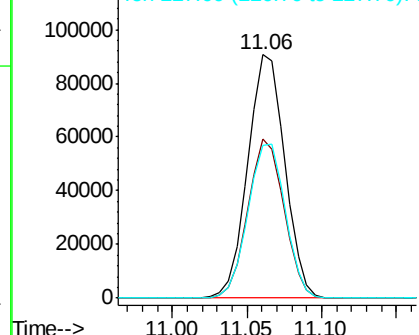
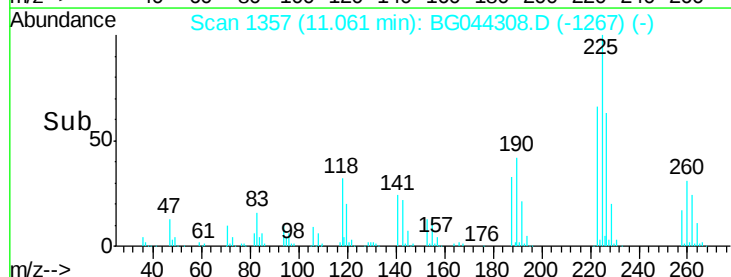


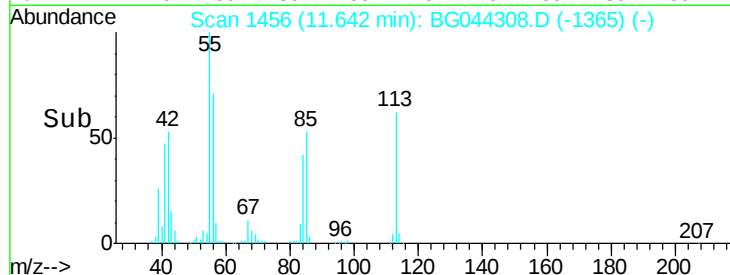
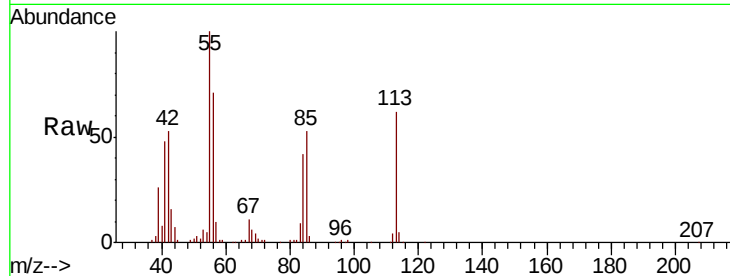
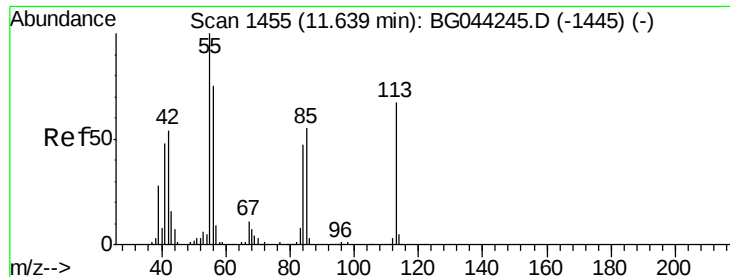
#34
Hexachlorobutadiene
Concen: 39.948 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.6	50.2	75.4		
227	63.0	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 57.022 ng/ml

RT: 11.64 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

SB-2MS

Tot Ion: 113 Resp: 114859

Ion Ratio Lower Upper

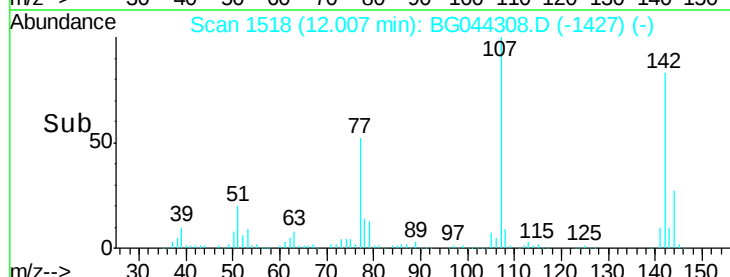
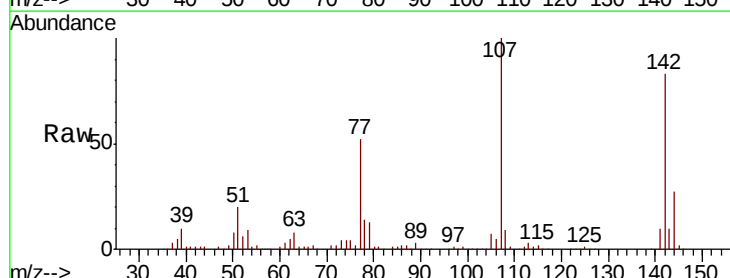
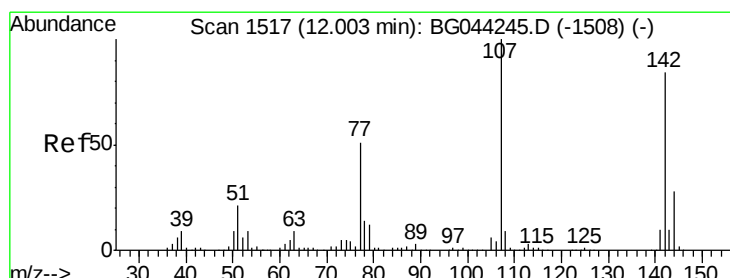
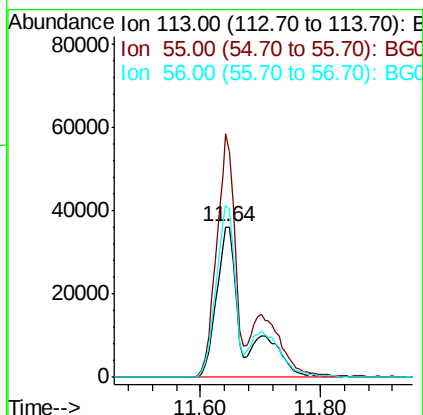
113 100

55 161.7 129.9 169.9

56 114.4 92.5 132.5

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#36

4-Chloro-3-methylphenol

Concen: 54.089 ng/ml

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

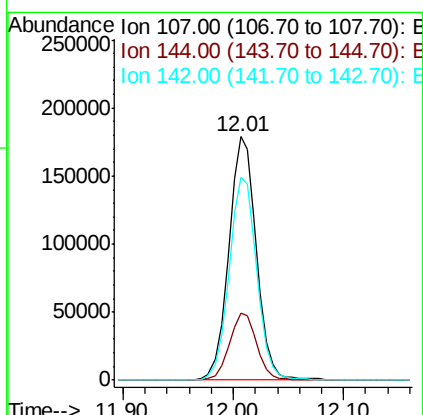
Tgt Ion: 107 Resp: 311835

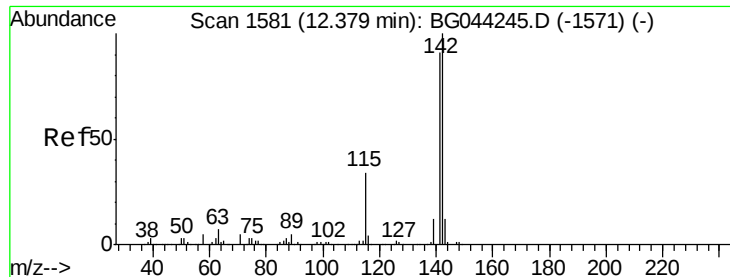
Ion Ratio Lower Upper

107 100

144 27.3 22.2 33.4

142 83.4 67.4 101.0





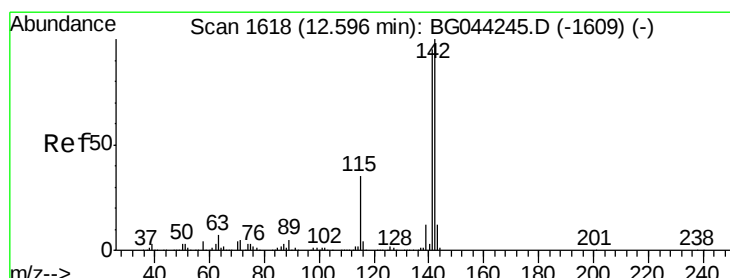
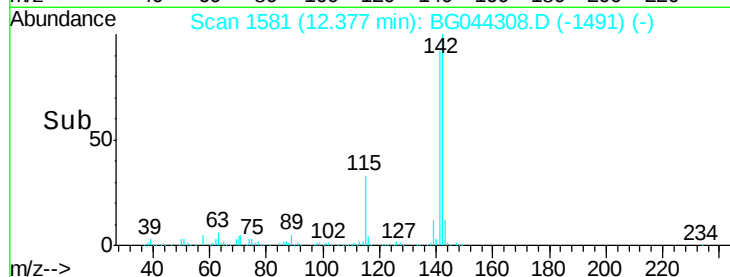
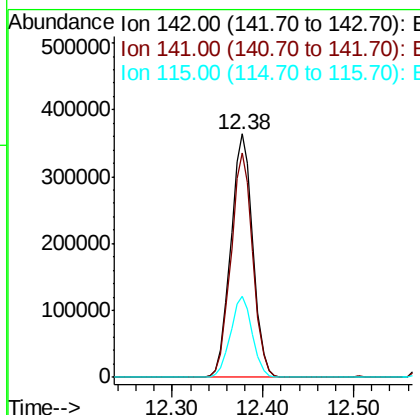
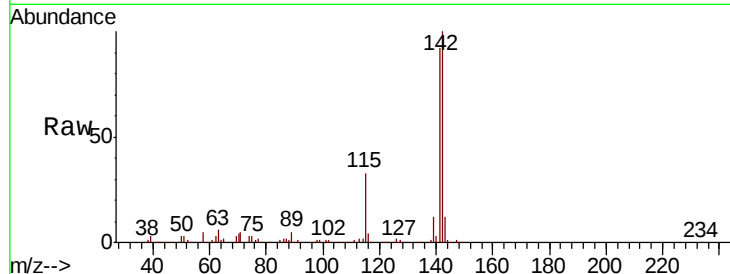
#37
2-Methylnaphthalene
Concen: 47.623 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.2	109.8
115	33.1	27.1	40.7

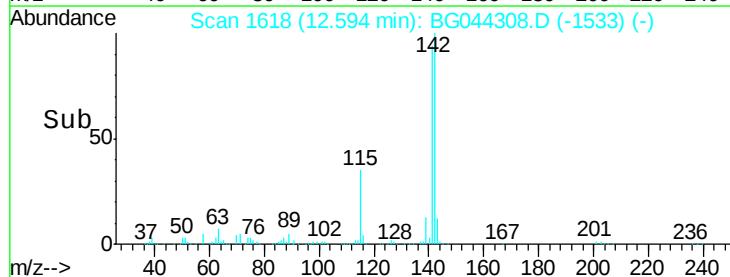
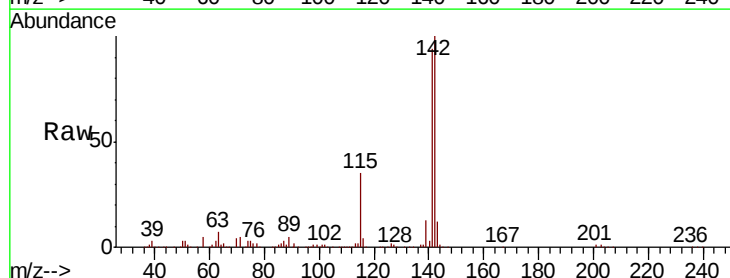
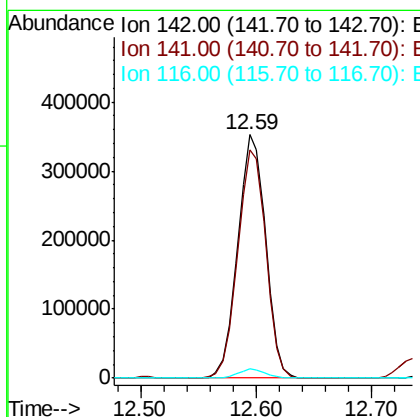
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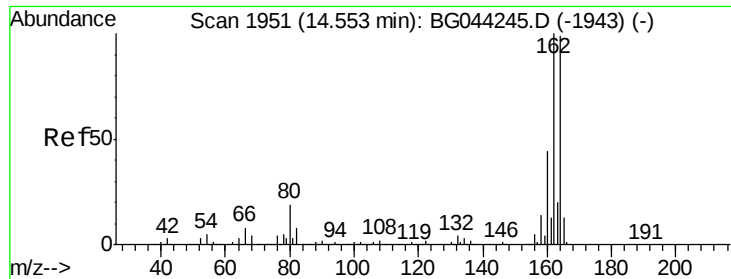
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#38
1-Methylnaphthalene
Concen: 48.196 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

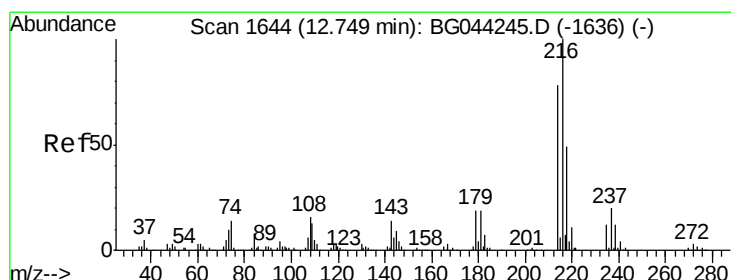
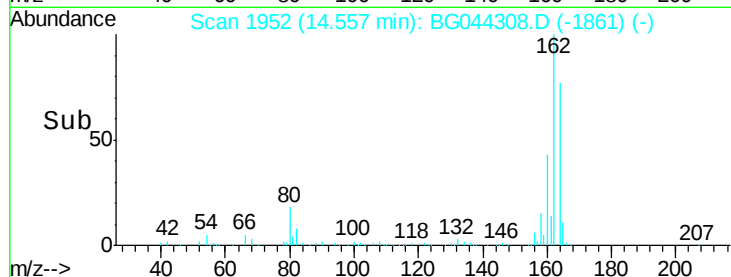
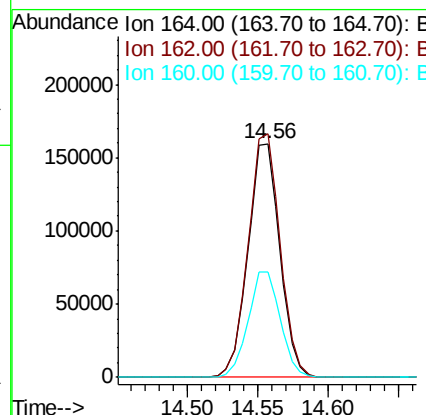
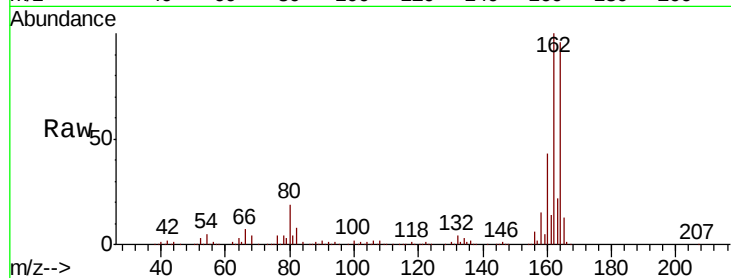
ClientSampleId :

SB-2MS

Tot Ion:	164	Resp:	252364
Ion Ratio	Lower	Upper	
164	100		
162	104.3	80.7	121.1
160	44.9	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.169 ng

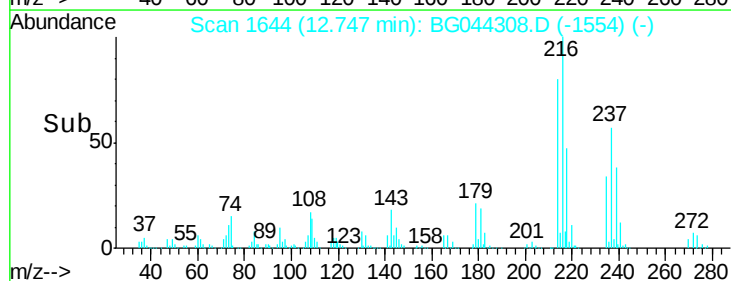
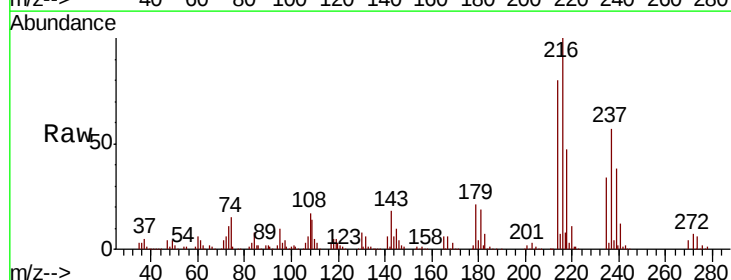
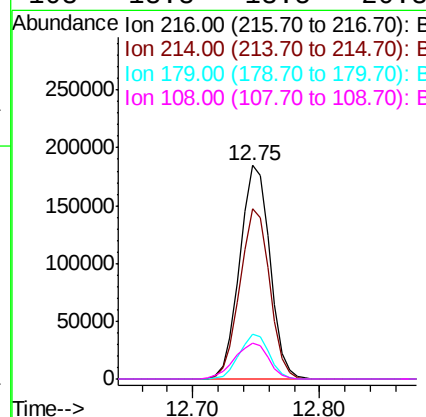
RT: 12.75 min Scan# 1644

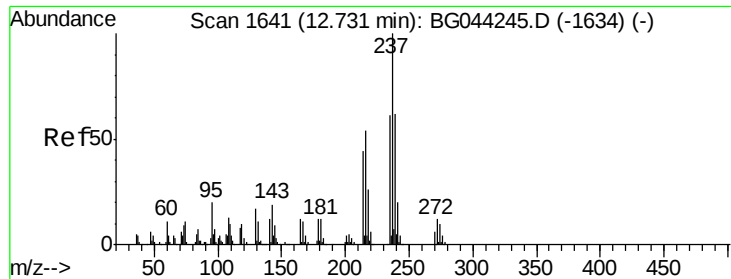
Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:	216	Resp:	303241
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.6
179	20.8	16.2	24.4
108	18.8	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 96.094 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

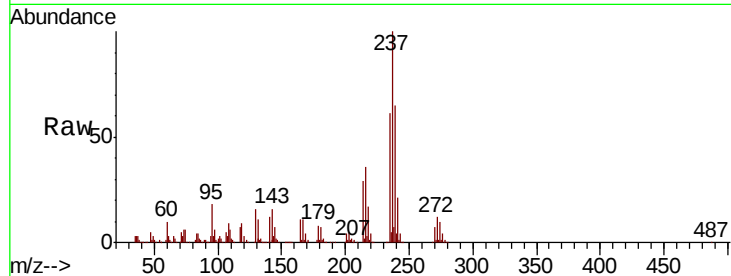
ClientSampleId :

SB-2MS

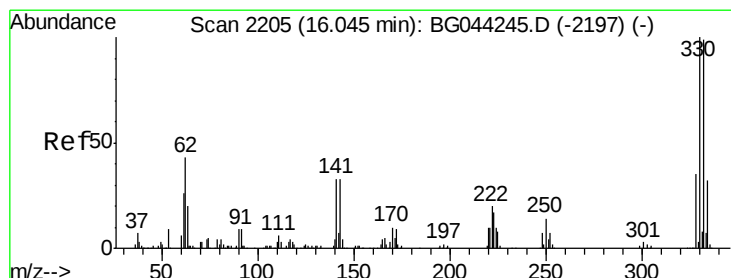
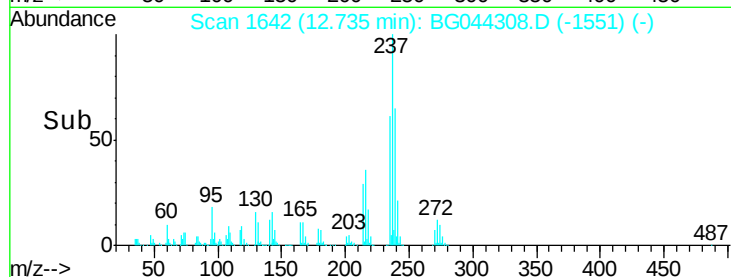
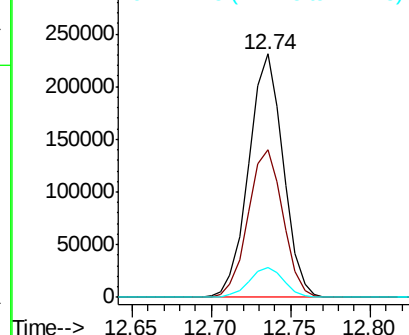
Tot Ion:	237	Resp:	348078
Ion Ratio	Lower	Upper	
237	100		
235	60.9	41.2	81.2
272	12.5	0.0	32.4

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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: 116.436 ng

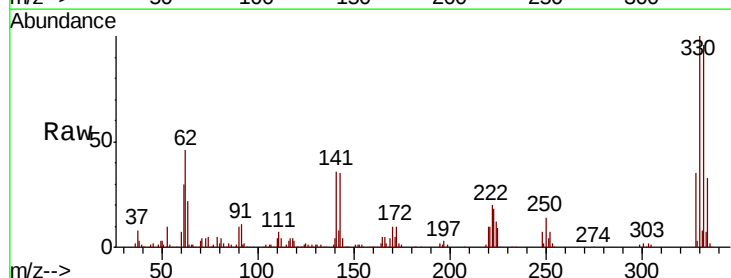
RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

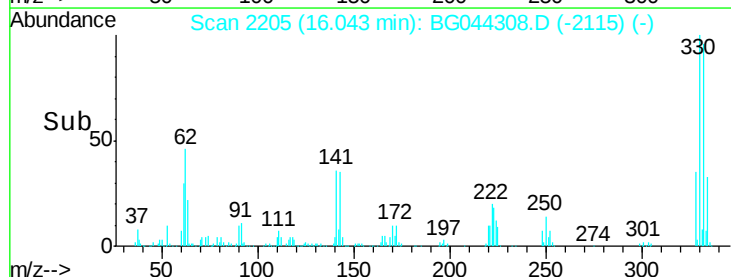
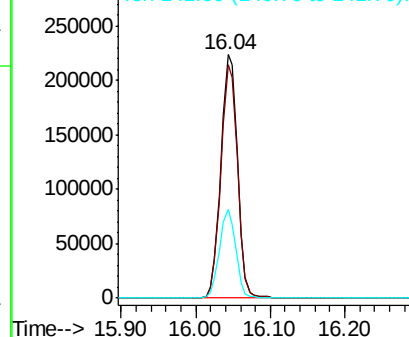
Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:	330	Resp:	344955
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	35.7	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





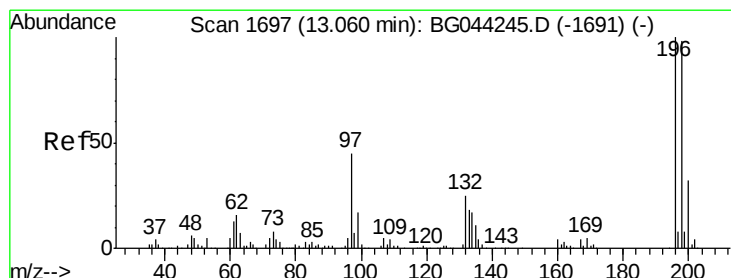
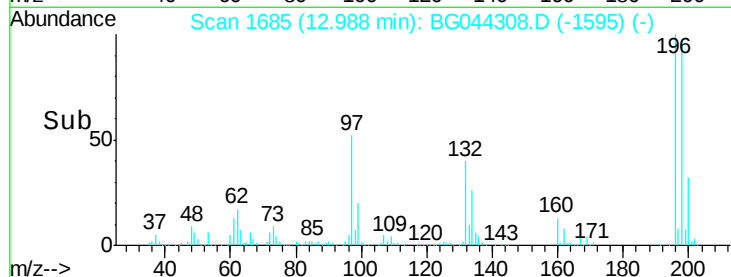
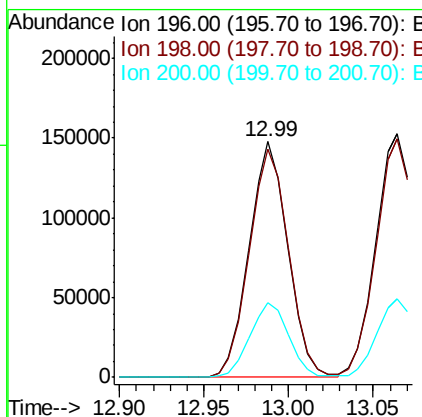
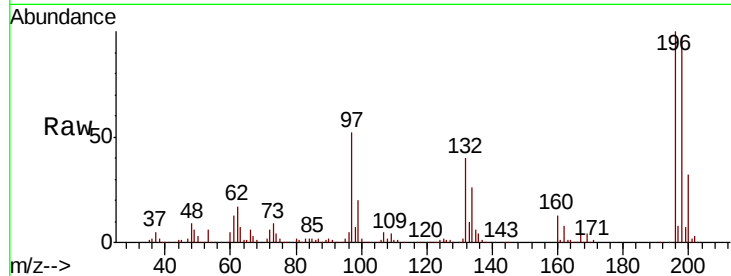
#43
 2,4,6-Trichlorophenol
 Concen: 48.348 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampled :
 SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	235915		
198	96.9	79.3	118.9	
200	31.6	25.7	38.5	

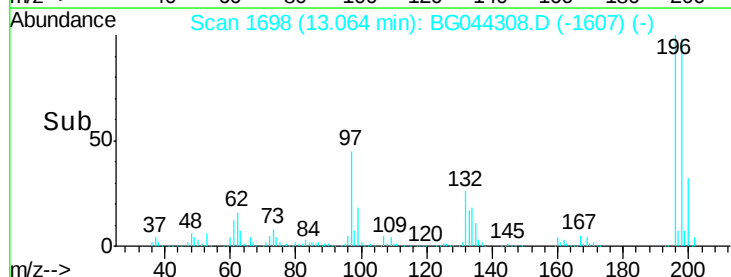
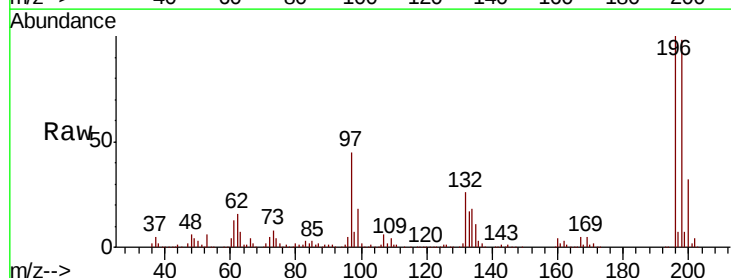
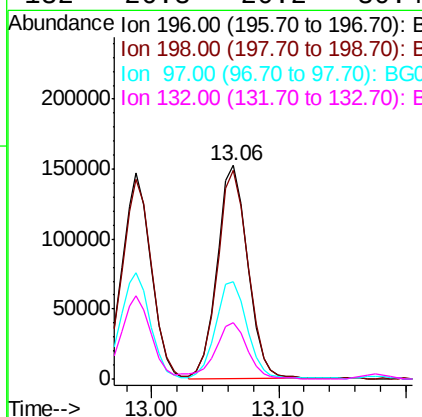
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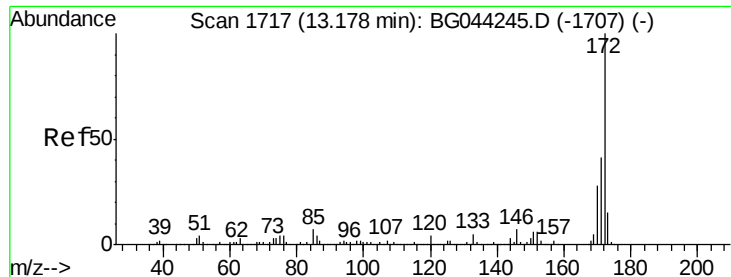
mohammad
 2/6/2020 2:19:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.215 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255252		
198	98.0	78.2	117.2	
97	45.3	36.2	54.4	
132	26.3	20.2	30.4	





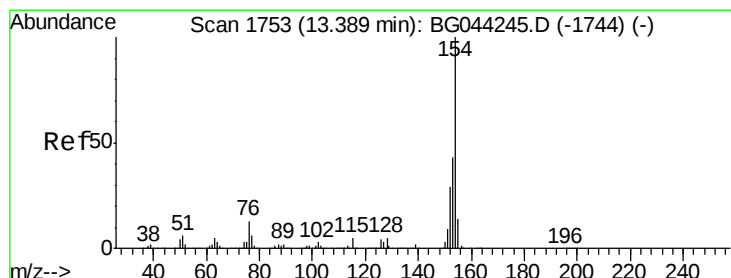
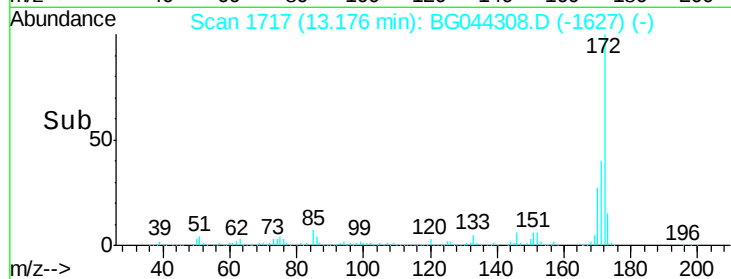
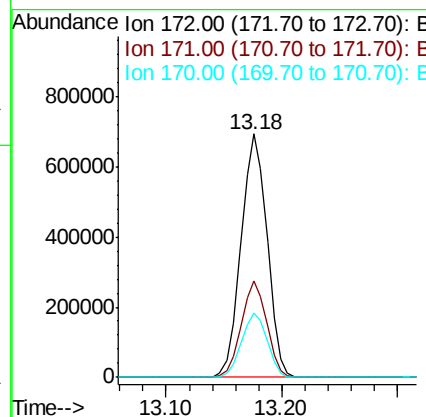
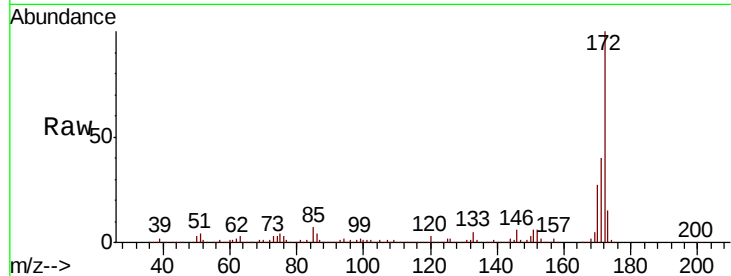
#45
2-Fluorobiphenyl
Concen: 71.664 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	26.6	22.0	33.0

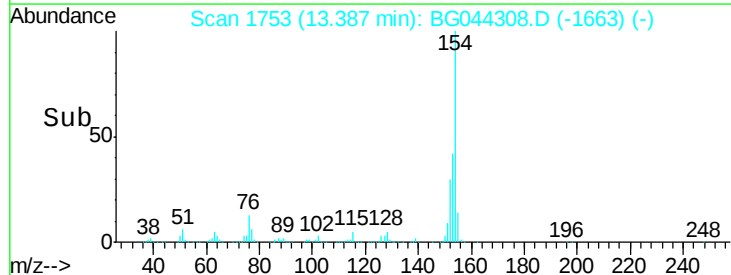
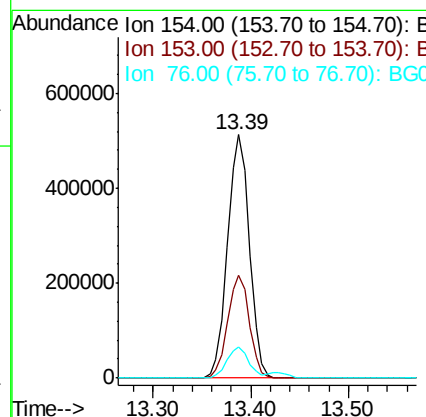
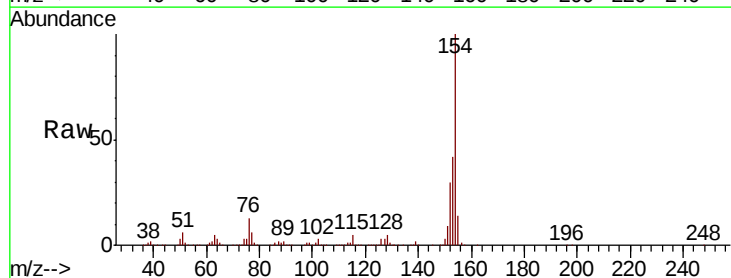
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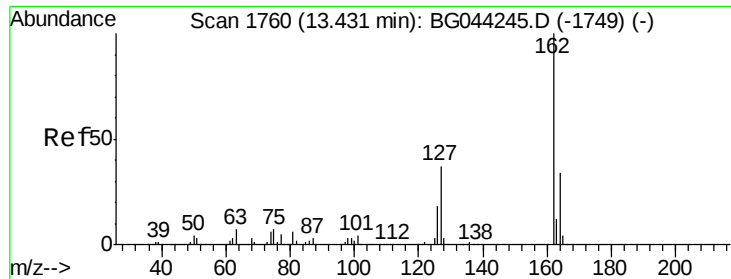
mohammad
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#46
1,1'-Biphenyl
Concen: 43.523 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.7	62.7
76	13.0	0.0	32.9





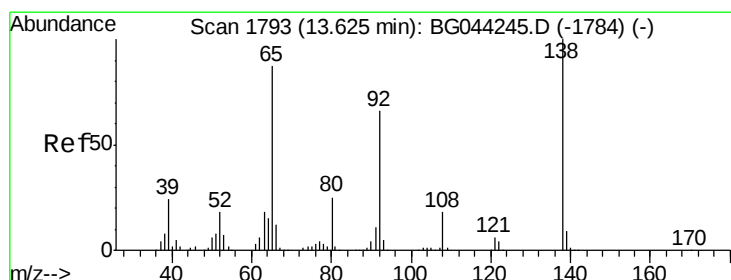
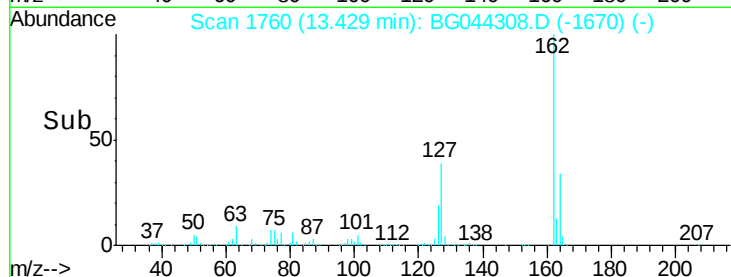
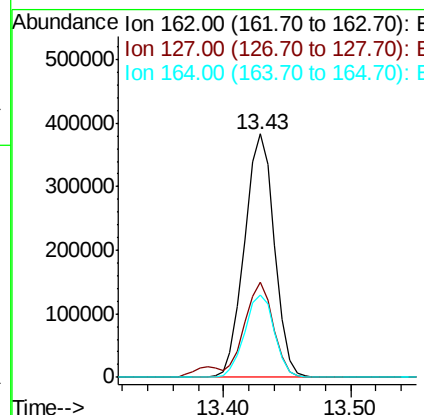
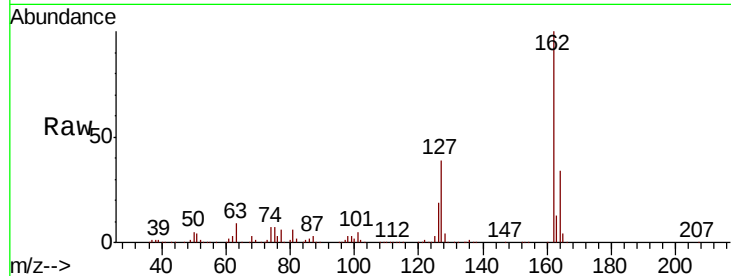
#47
2-Chloronaphthalene
Concen: 43.129 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.0	45.0
164	33.7	27.2	40.8

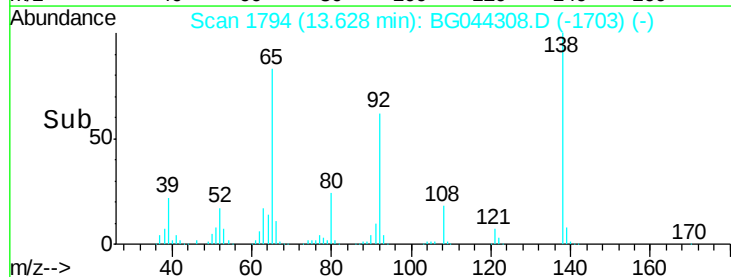
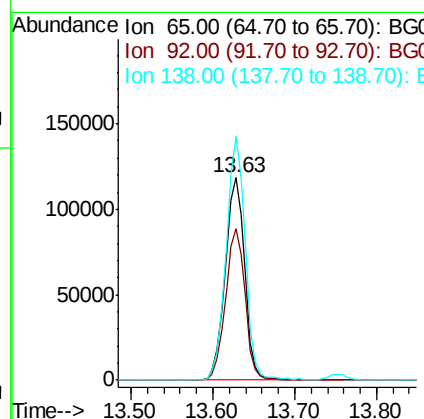
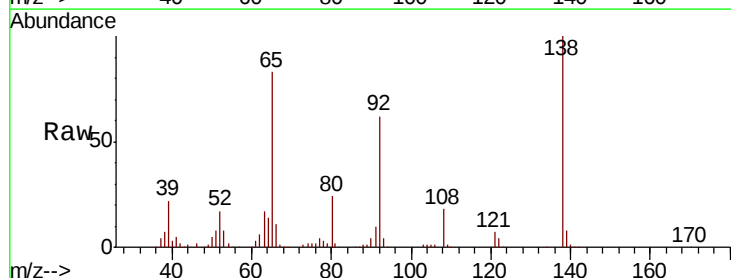
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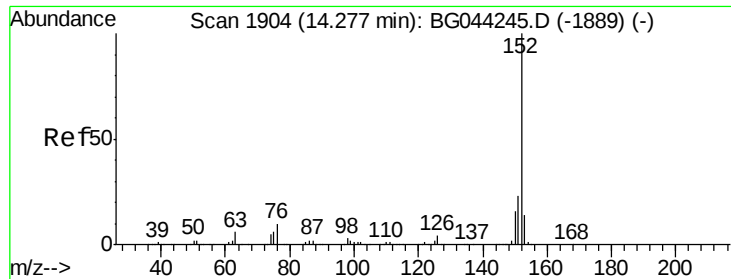
mohammad
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#48
2-Nitroaniline
Concen: 46.066 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	60.3	90.5
138	120.4	91.9	137.9





#49

Acenaphthylene

Concen: 47.624 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

SB-2MS

Tot Ion:152 Resp: 1011826

Ion Ratio Lower Upper

152 100

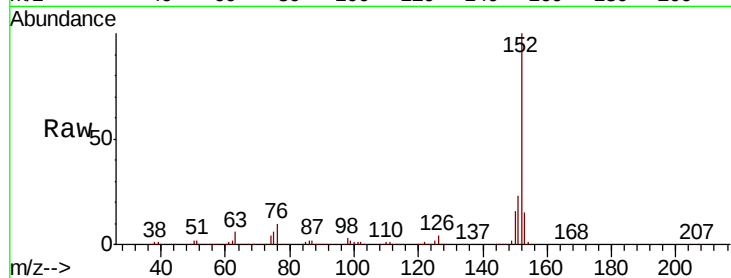
151 23.4 18.1 27.1

153 14.7 11.5 17.3

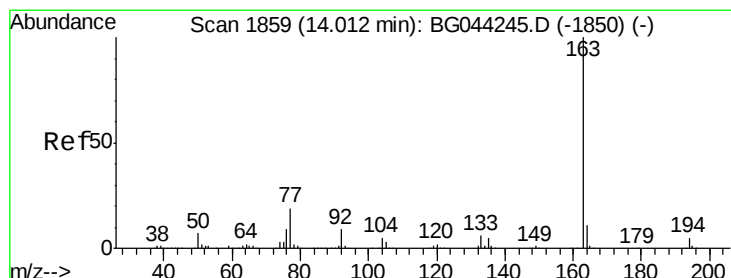
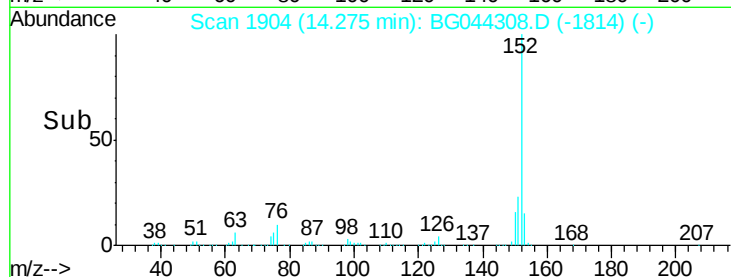
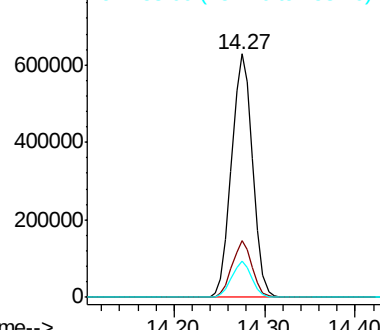
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.157 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

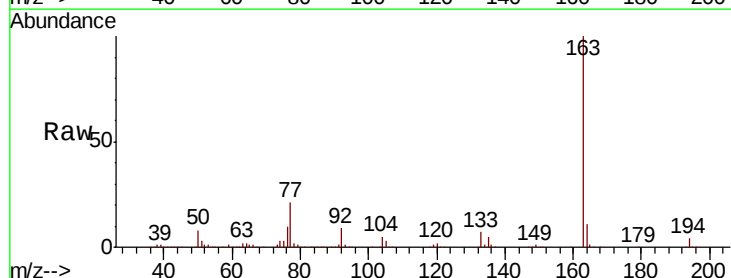
Tgt Ion:163 Resp: 909872

Ion Ratio Lower Upper

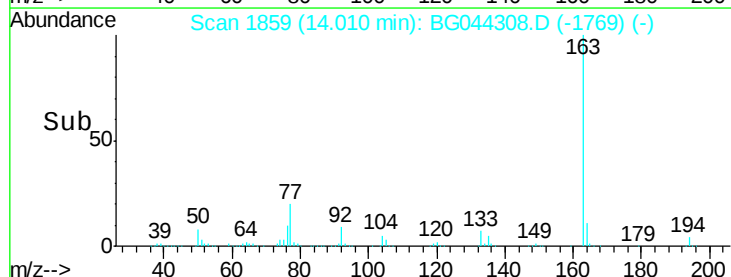
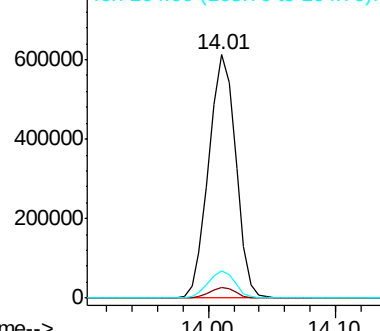
163 100

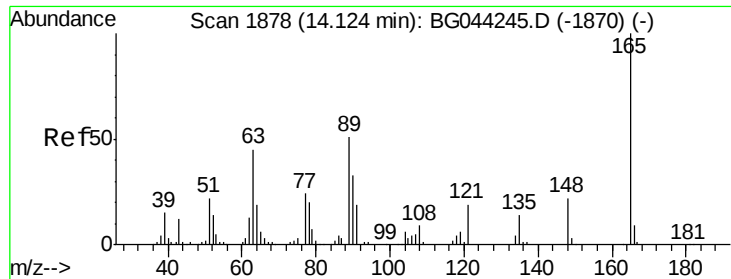
194 4.2 3.6 5.4

164 11.1 8.7 13.1



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





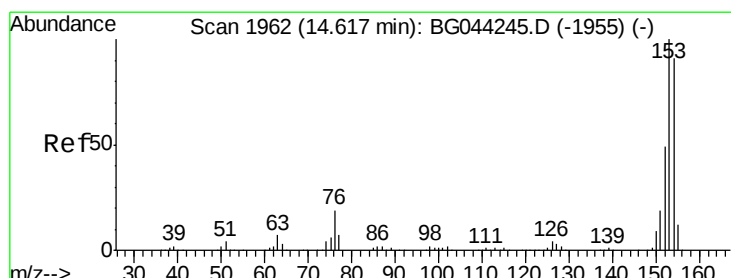
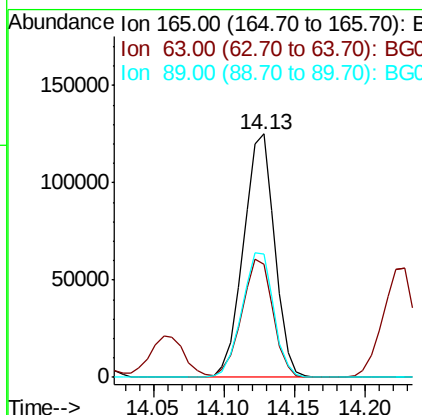
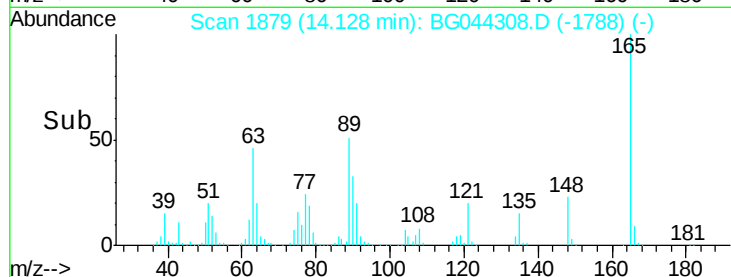
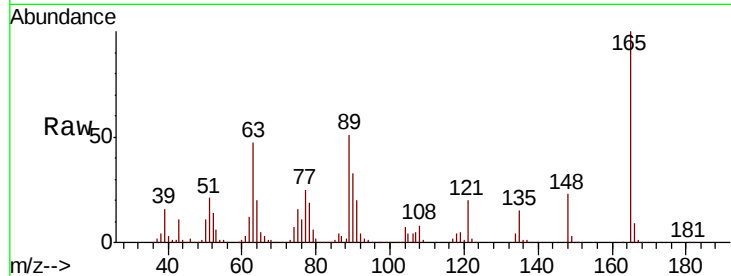
#51
 2,6-Dinitrotoluene
 Concen: 47.827 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampled :
 SB-2MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.6	38.7	58.1
89	50.9	40.4	60.6

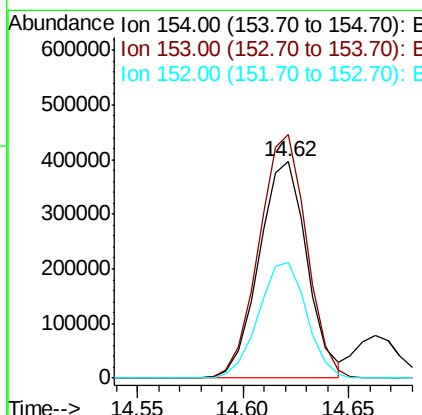
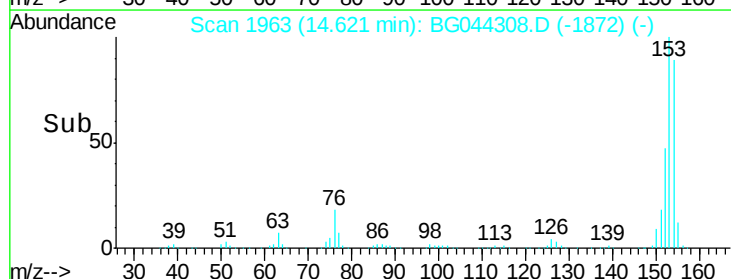
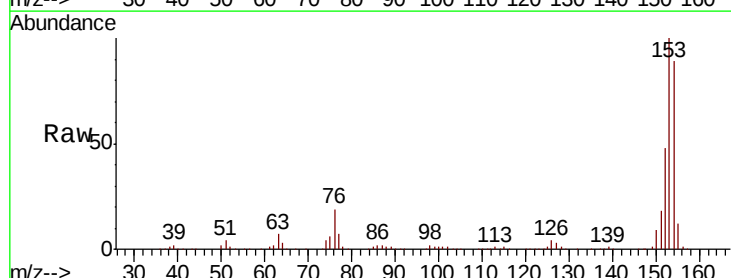
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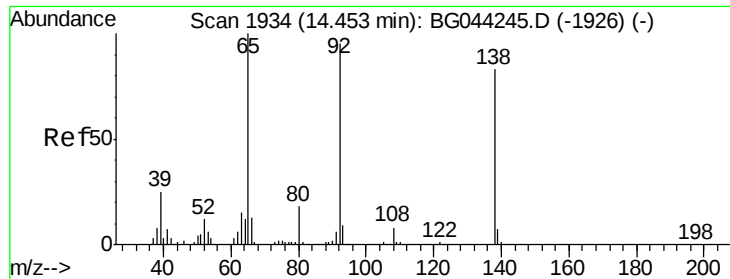
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#52
 Acenaphthene
 Concen: 45.331 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.9	131.9
152	53.5	43.1	64.7





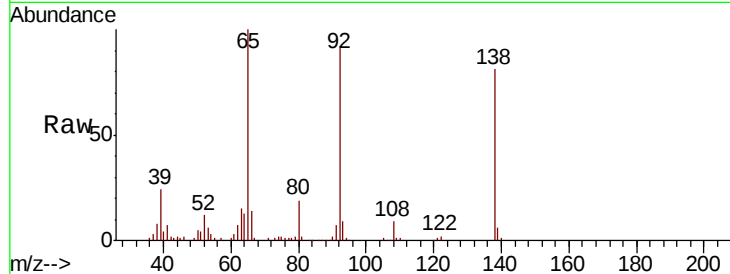
#53
3-Nitroaniline
Concen: 15.255 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

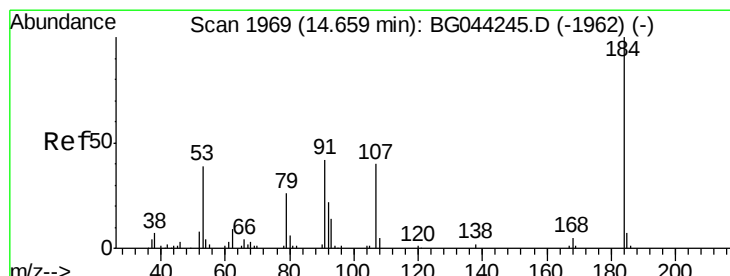
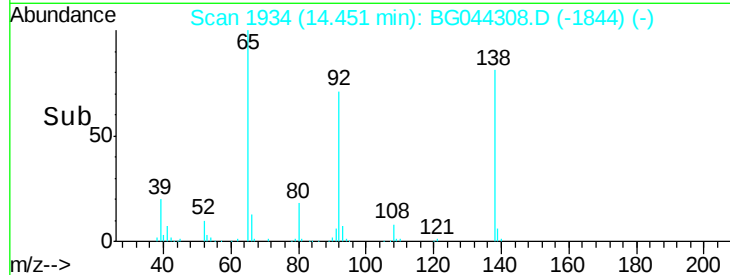
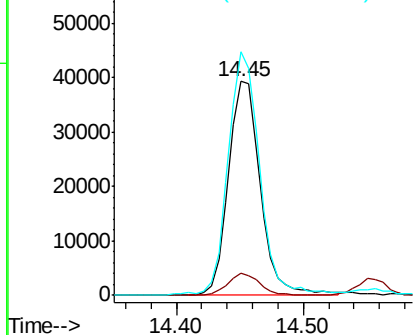
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.9	11.9
92	113.8	91.0	136.4

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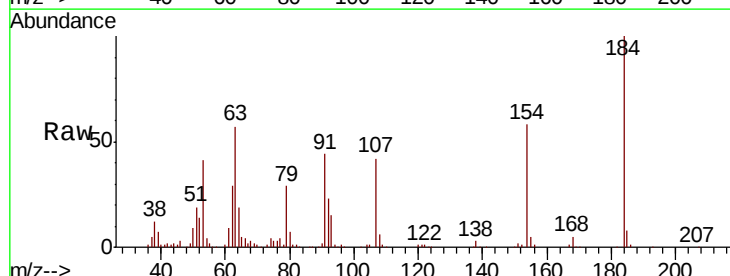


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

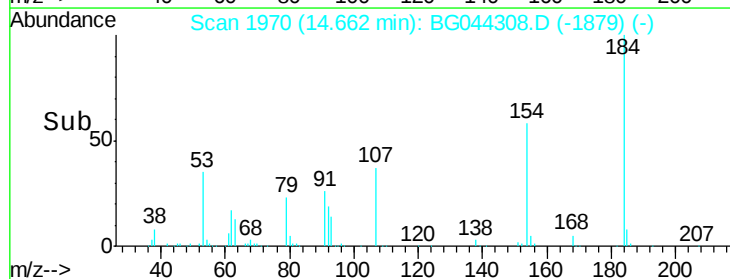
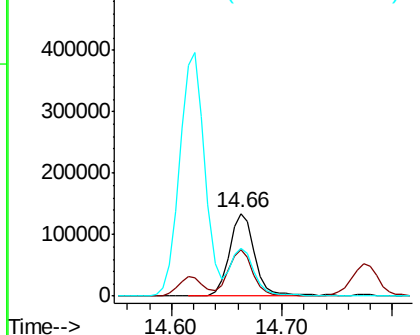


#54
2,4-Dinitrophenol
Concen: 90.110 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	44.1	66.1
154	58.1	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





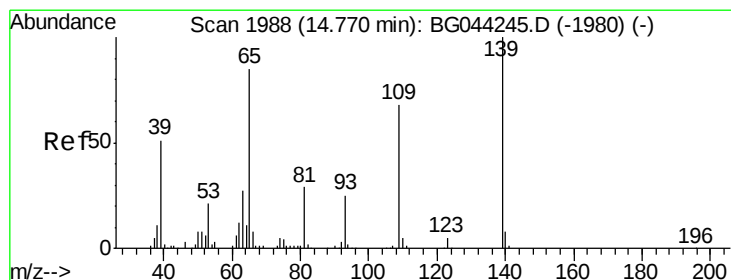
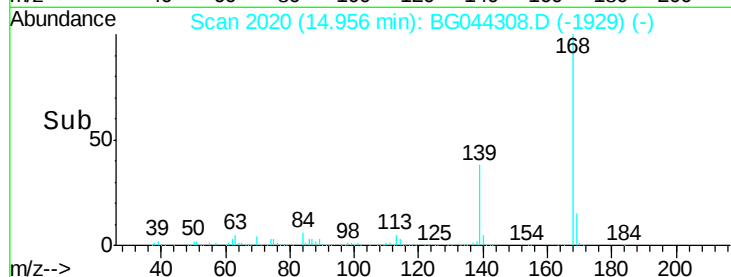
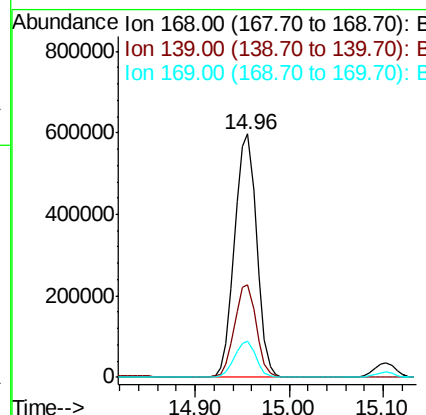
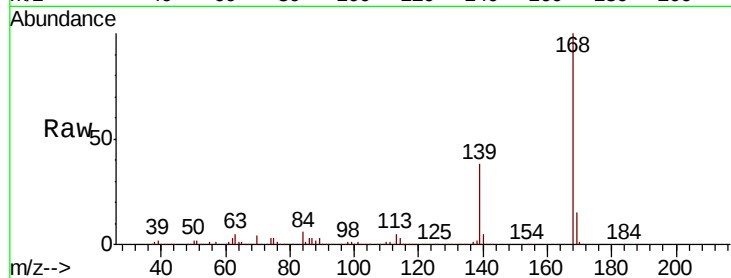
#55
Dibenzofuran
Concen: 46.678 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	14.7	11.7	17.5

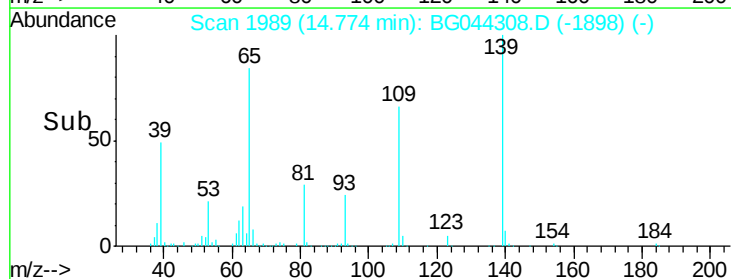
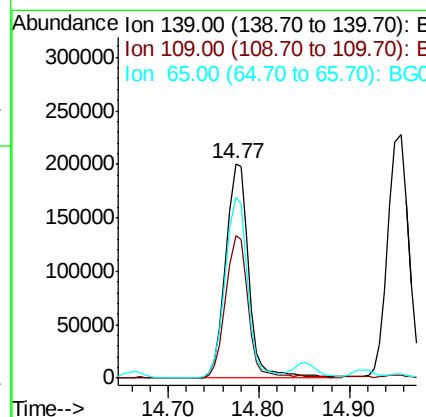
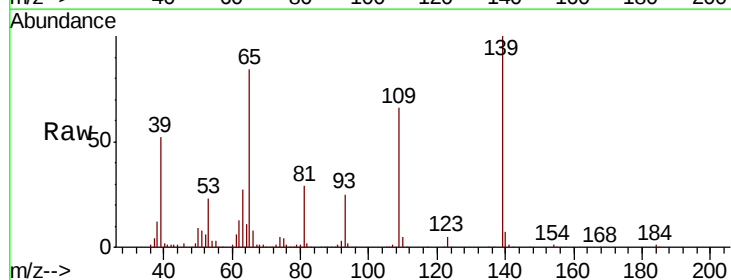
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#56
4-Nitrophenol
Concen: 108.264 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	47.5	87.5
65	84.3	64.9	104.9





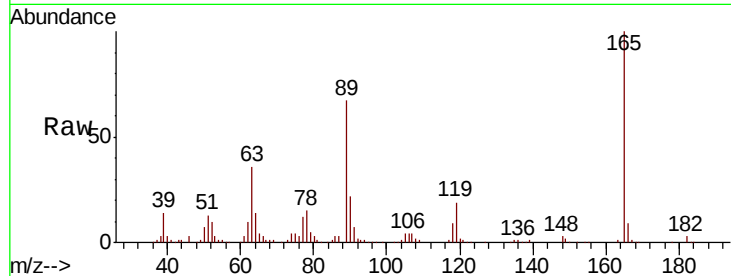
#57
2,4-Dinitrotoluene
Concen: 47.289 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :
SB-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		268083		
63	36.2	30.3	45.5		
89	67.0	53.4	80.2		
182	2.5	2.1	3.1		

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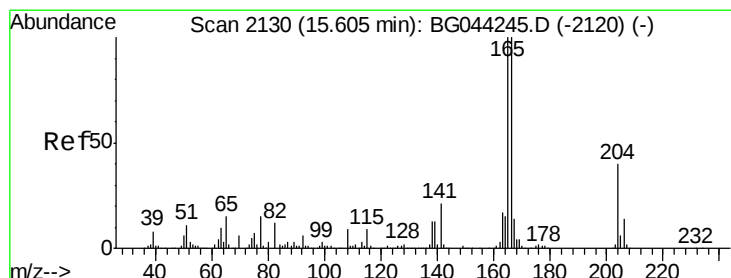
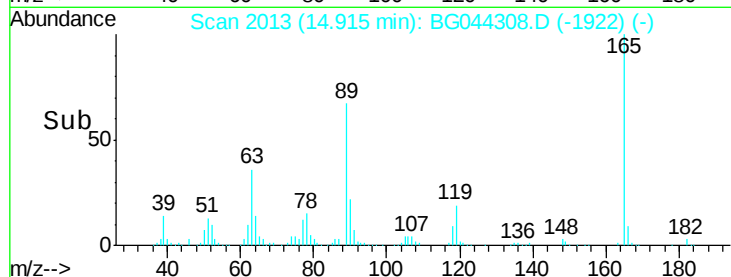
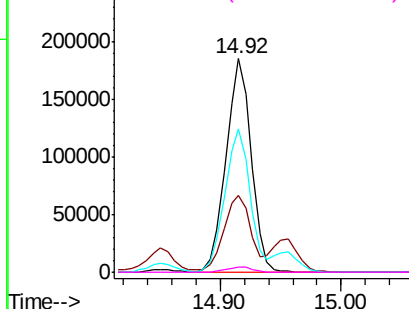


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

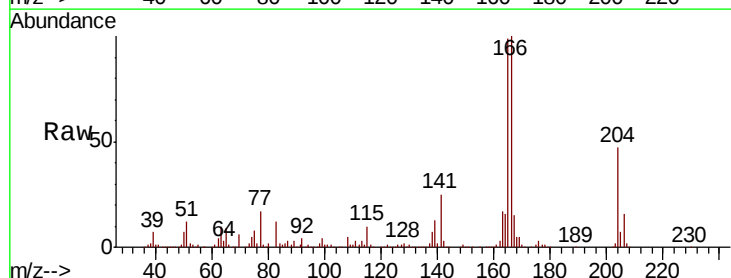
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.489 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

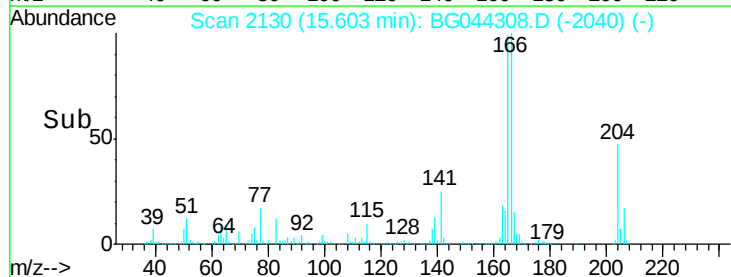
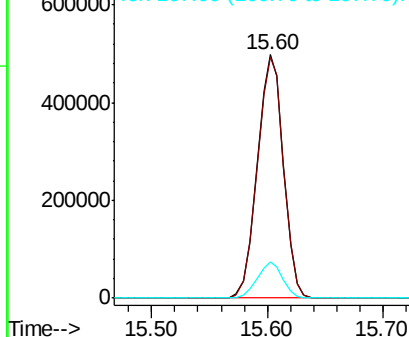
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		779875		
165	99.1	79.9	119.9		
167	14.8	11.4	17.0		



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





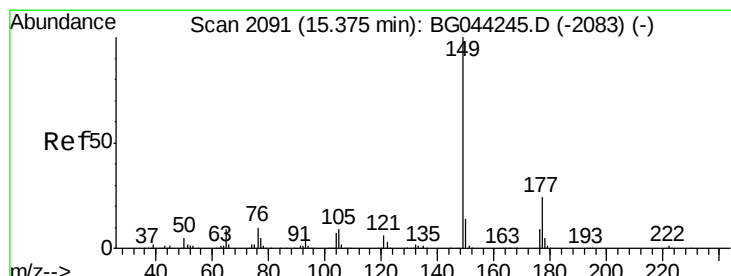
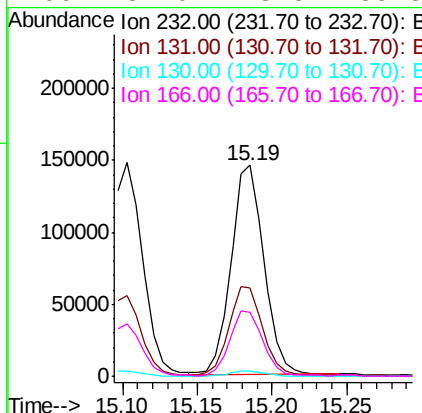
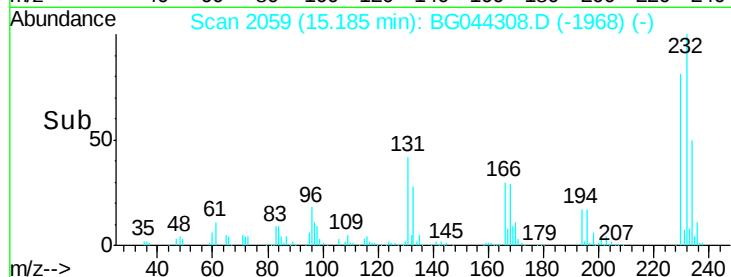
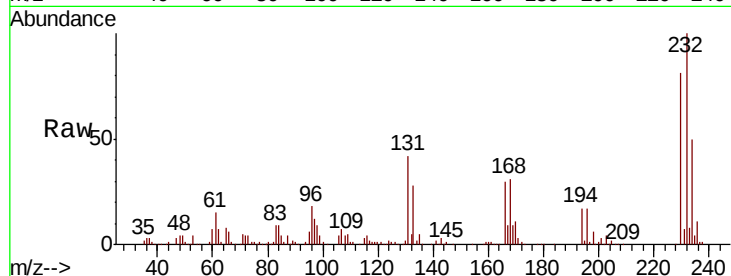
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.859 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	34.2	51.4
130	2.6	1.8	2.8
166	31.0	23.8	35.8

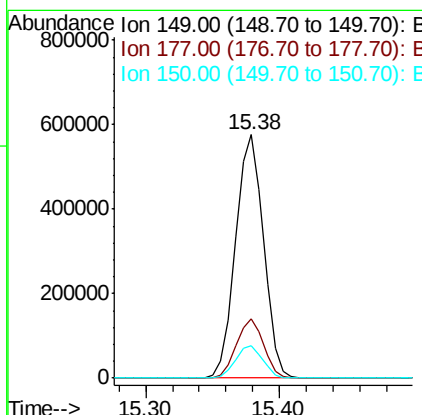
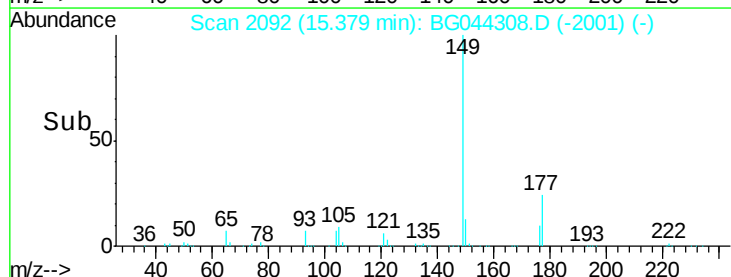
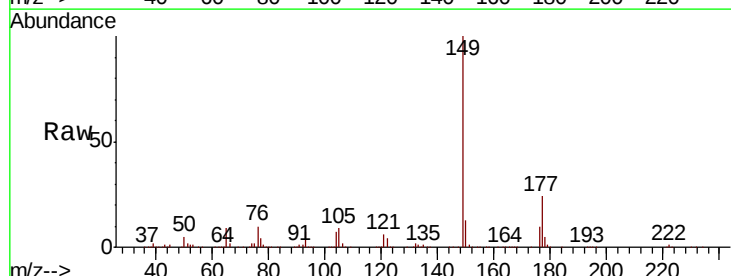
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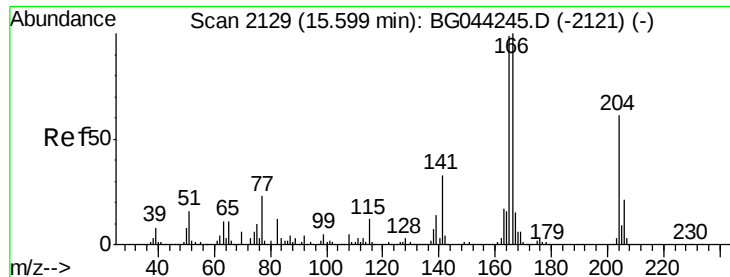
mohammad
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#60
Diethylphthalate
Concen: 46.248 ng
RT: 15.38 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.2	10.9	16.3





#61

4-Chlorophenyl-phenylether

Concen: 45.581 ng

RT: 15.60 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

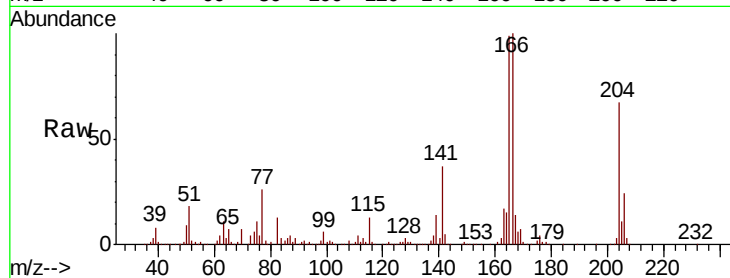
ClientSampled :

SB-2MS

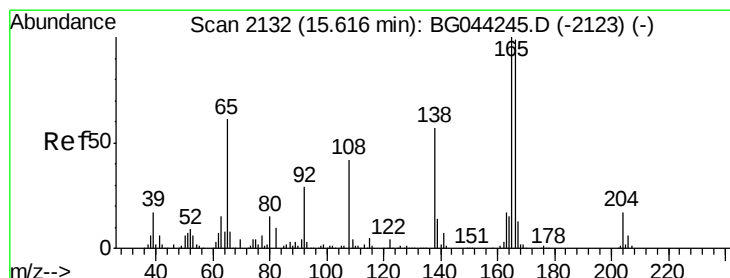
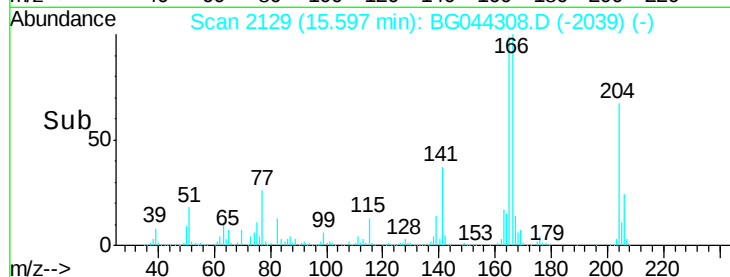
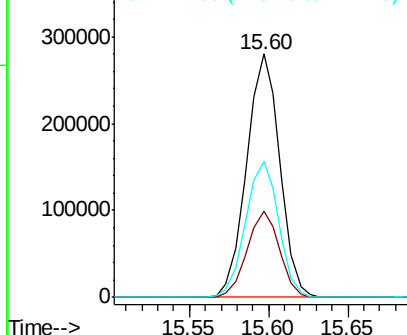
Tot Ion:	204	Resp:	405860
Ion Ratio	Lower	Upper	
204	100		
206	35.7	27.6	41.4
141	55.9	43.4	65.0

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 43.405 ng

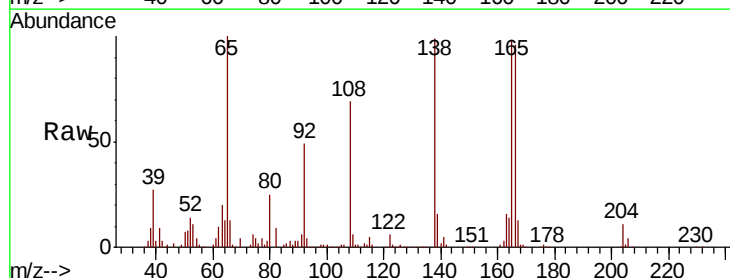
RT: 15.62 min Scan# 2133

Delta R.T. 0.00 min

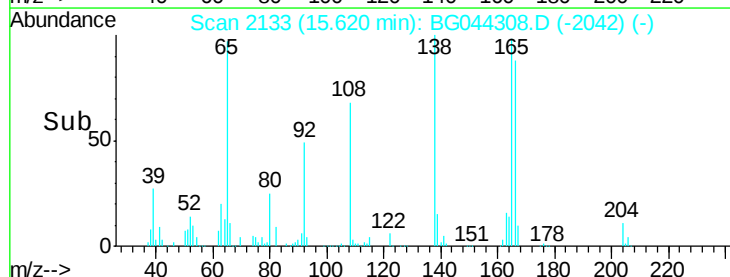
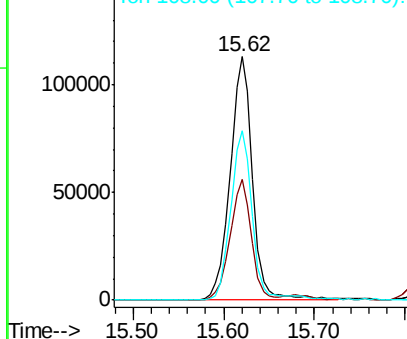
Lab File: BG044308.D

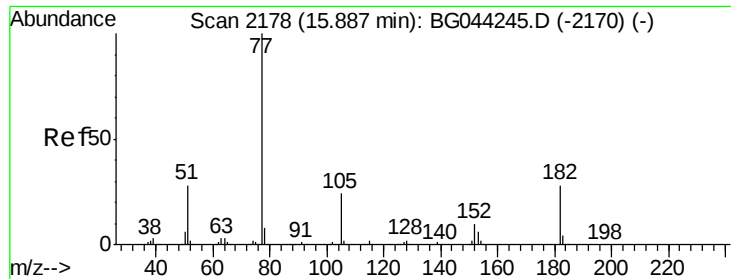
Acq: 5 Feb 2020 17:27

Tgt Ion:	138	Resp:	194085
Ion Ratio	Lower	Upper	
138	100		
92	49.4	31.3	71.3
108	69.8	52.6	92.6



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





#63

Azobenzene

Concen: 47.716 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

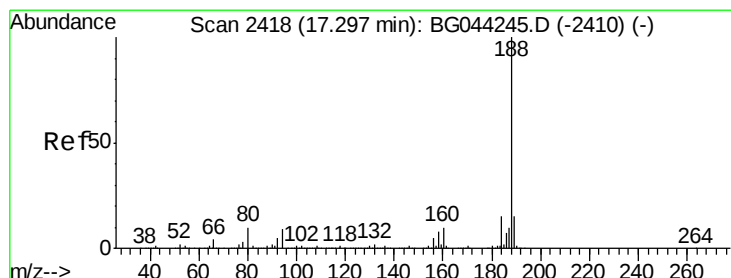
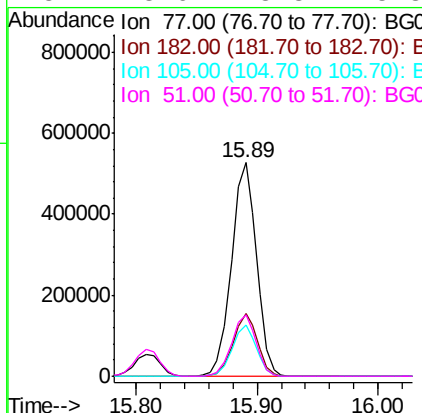
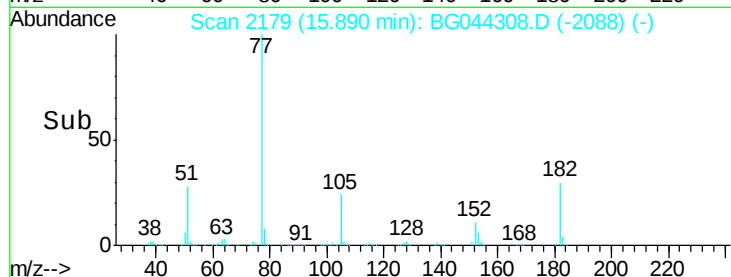
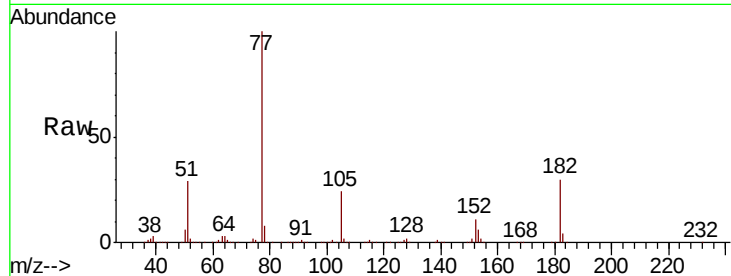
ClientSampleId :

SB-2MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	8.2	48.2
105	24.2	3.6	43.6
51	28.6	8.3	48.3

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#64

Phenanthrene-d10

Concen: 20.000 ng

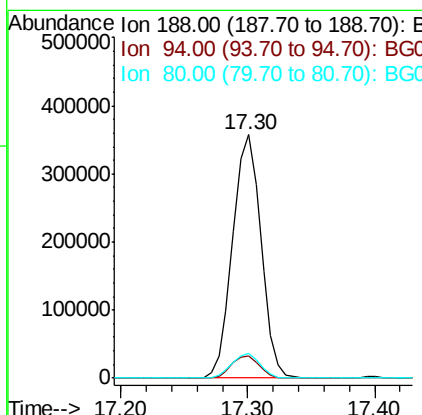
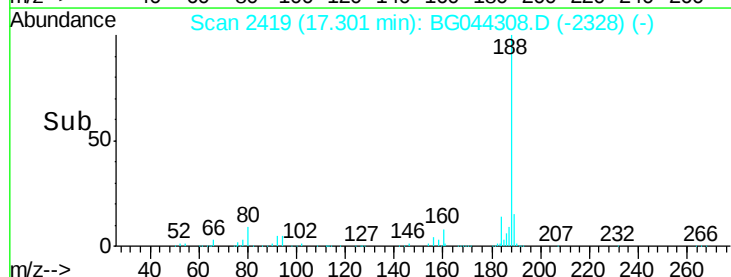
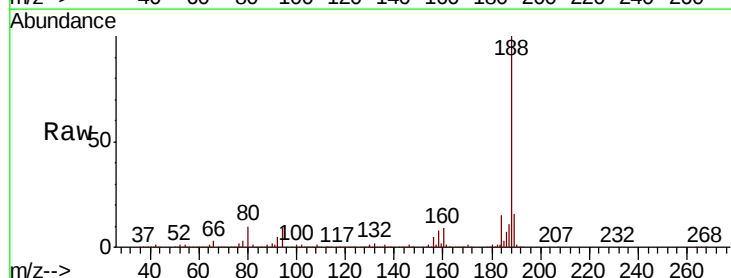
RT: 17.30 min Scan# 2419

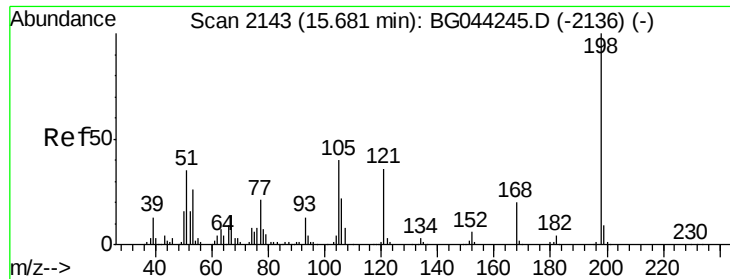
Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	9.9	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 53.756 ng

RT: 15.68 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

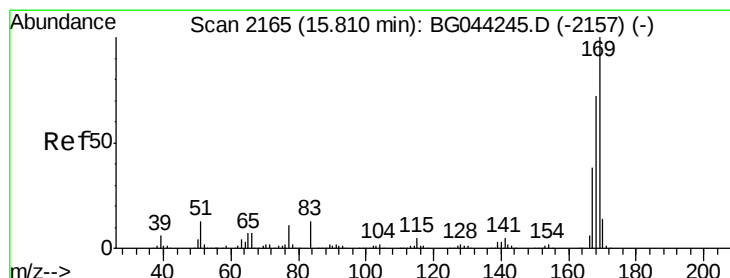
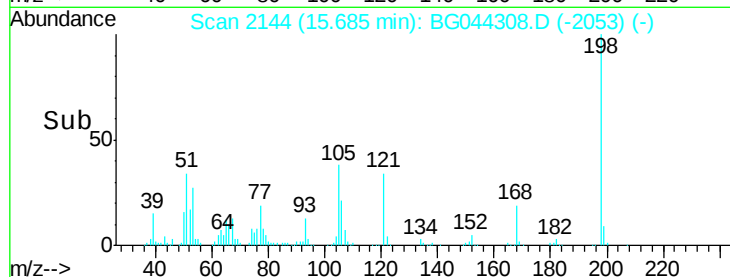
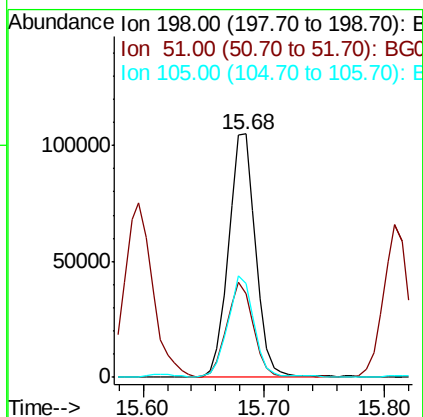
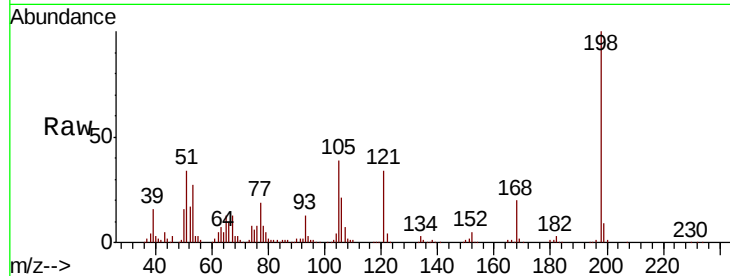
ClientSampleId :

SB-2MS

Tot Ion:	198	Resp:	164220
Ion Ratio	Lower	Upper	
198	100		
51	34.4	16.6	56.6
105	38.6	20.6	60.6

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#66

n-Nitrosodiphenylamine

Concen: 47.618 ng

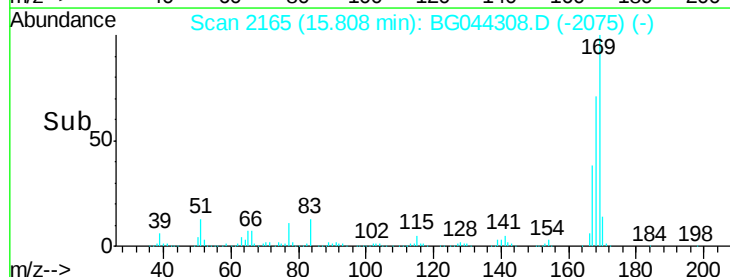
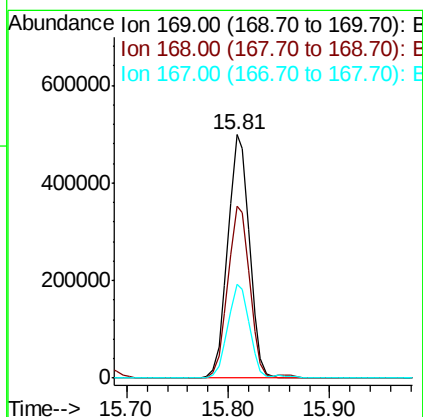
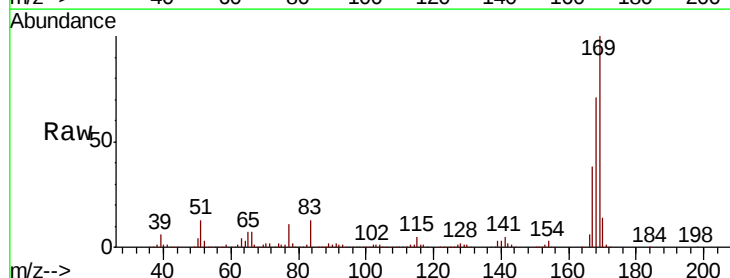
RT: 15.81 min Scan# 2165

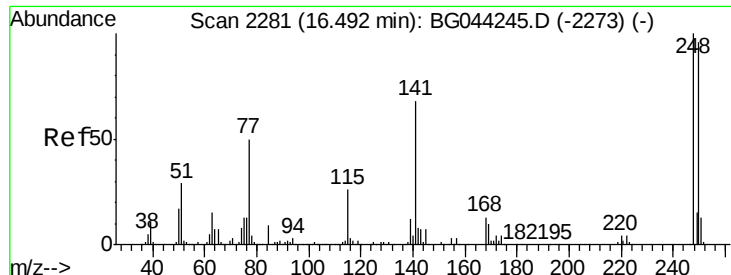
Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:	169	Resp:	738521
Ion Ratio	Lower	Upper	
169	100		
168	70.6	57.9	86.9
167	38.4	30.7	46.1





#67

4-Bromophenyl-phenylether

Concen: 45.099 ng

RT: 16.49 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

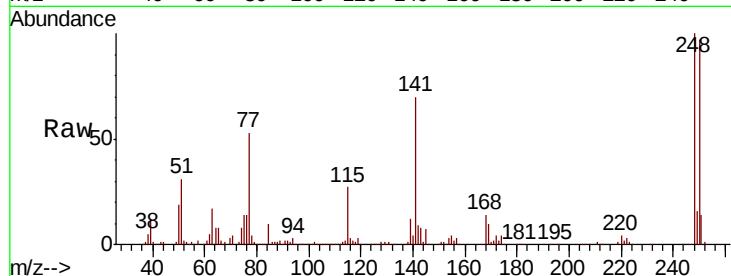
ClientSampled :

SB-2MS

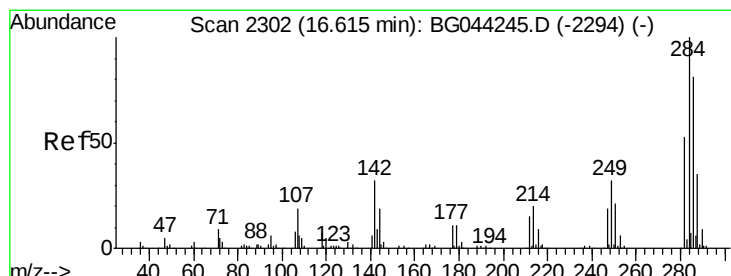
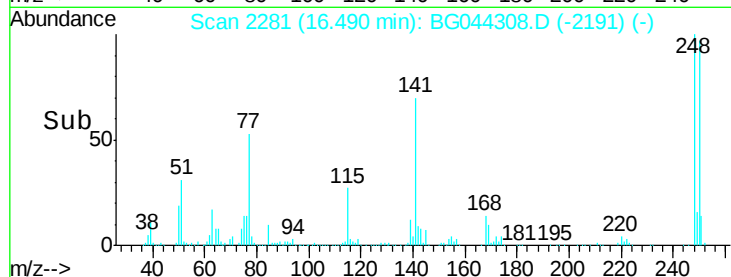
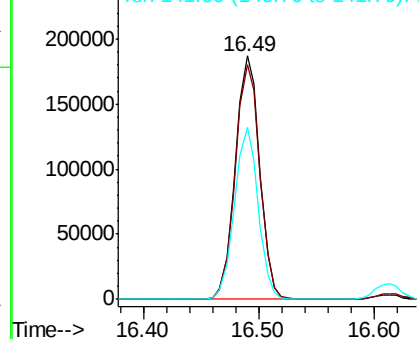
Tot Ion:	248	Resp:	271923
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.6	114.8
141	70.4	54.7	82.1

Manual Integrations
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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: 44.087 ng

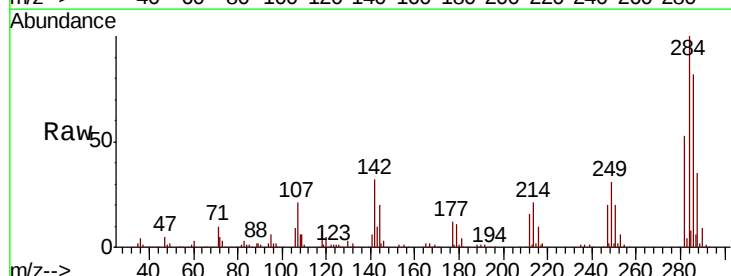
RT: 16.61 min Scan# 2302

Delta R.T. -0.00 min

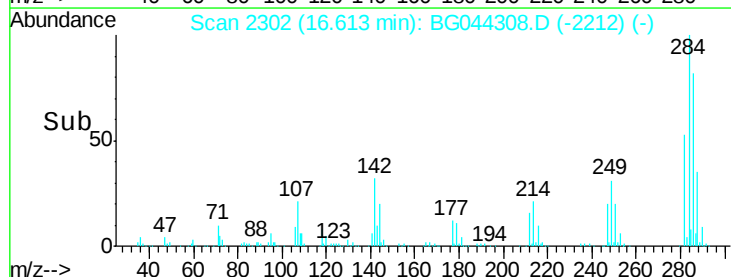
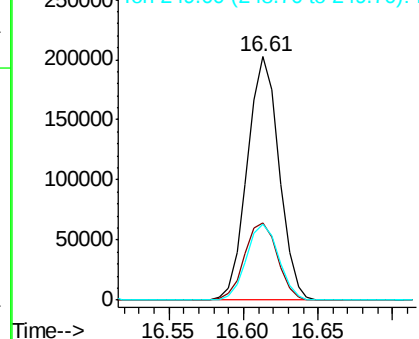
Lab File: BG044308.D

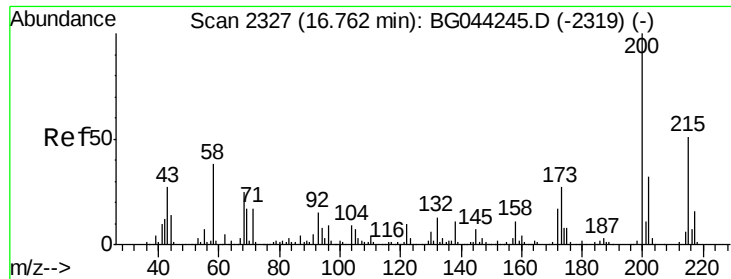
Acq: 5 Feb 2020 17:27

Tgt Ion:	284	Resp:	297811
Ion Ratio	Lower	Upper	
284	100		
142	31.7	25.3	37.9
249	31.3	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





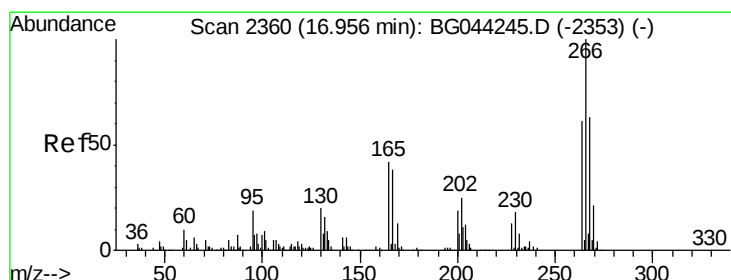
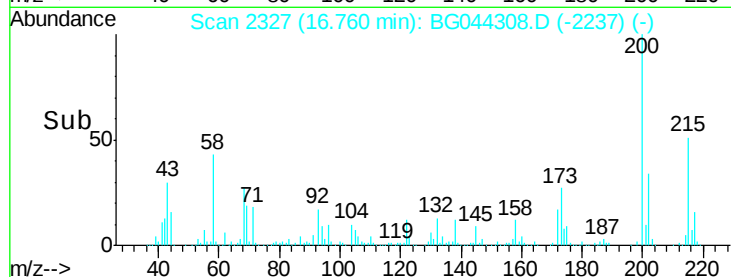
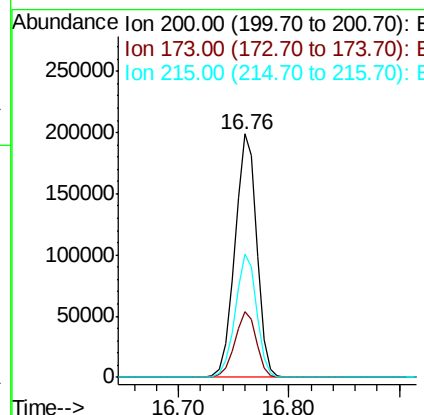
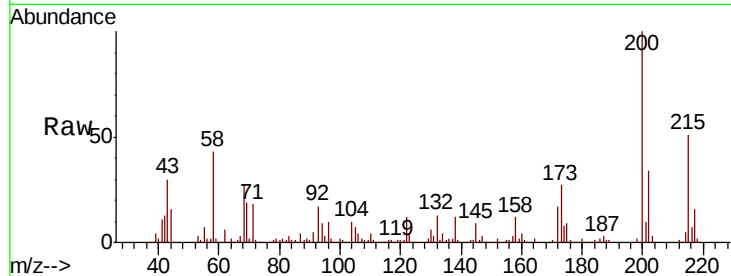
#69
 Atrazine
 Concen: 51.980 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampled :
 SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	276319		
173	26.8	6.6	46.6	
215	50.6	31.0	71.0	

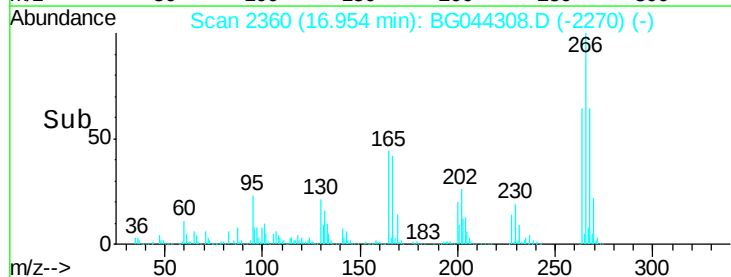
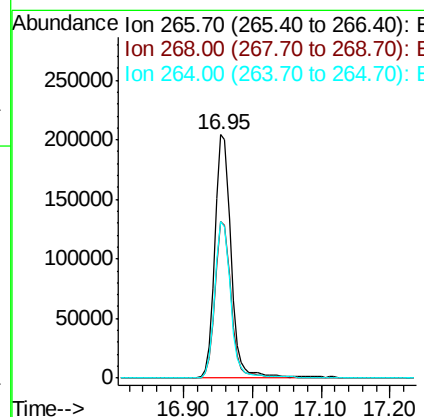
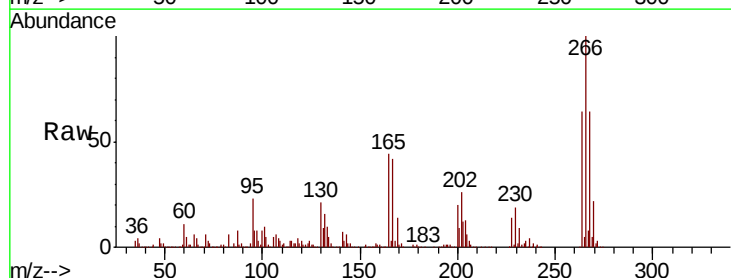
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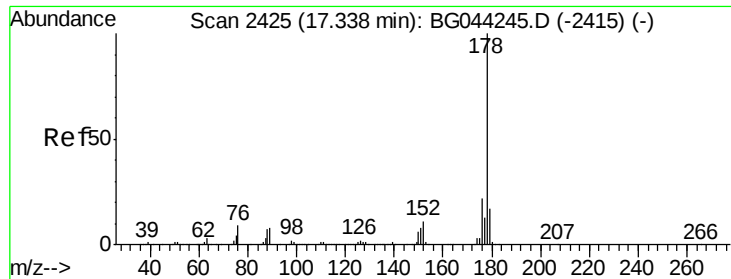
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#70
 Pentachlorophenol
 Concen: 98.034 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	337394		
268	64.2	50.6	75.8	
264	64.1	48.7	73.1	





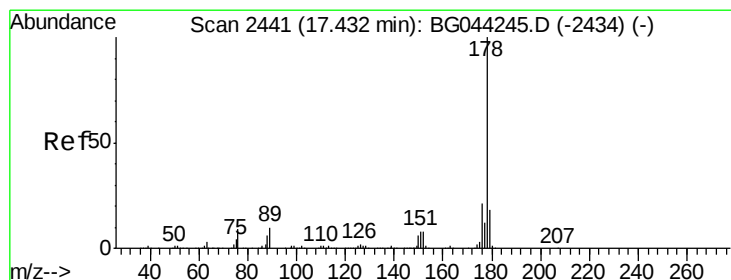
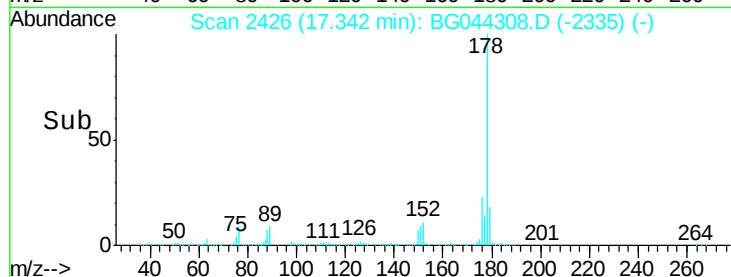
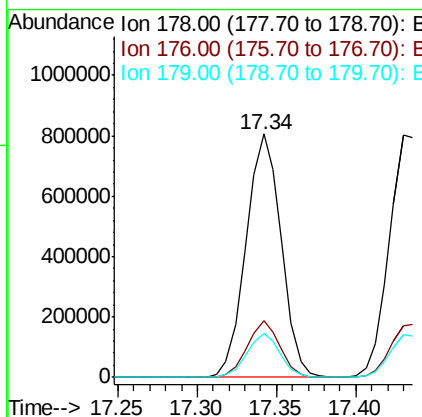
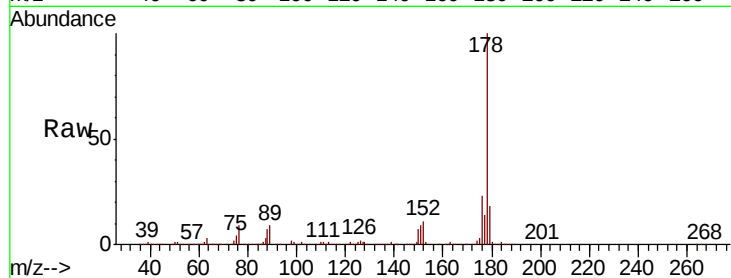
#71
Phenanthrene
Concen: 46.218 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :
SB-2MS

Tot Ion:178 Resp: 1238590
Ion Ratio Lower Upper
178 100
176 23.1 17.7 26.5
179 18.0 13.7 20.5

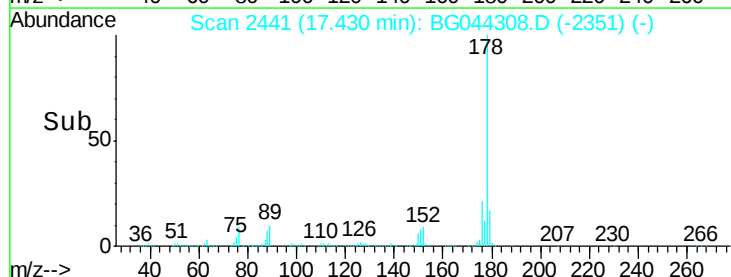
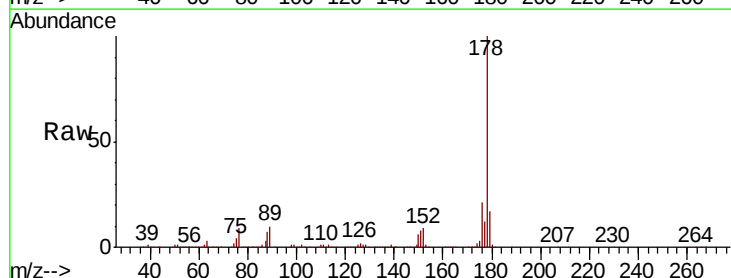
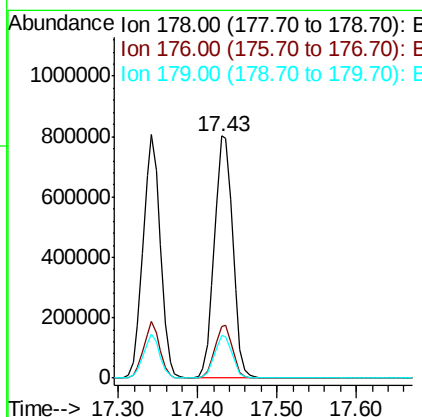
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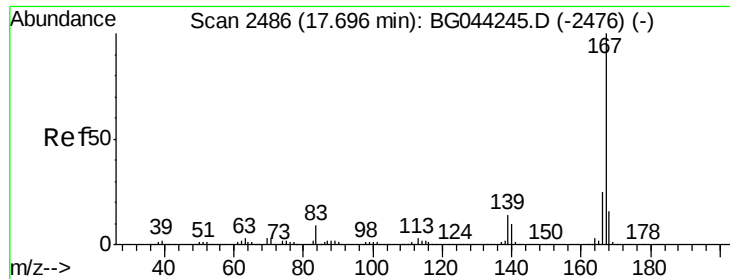
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#72
Anthracene
Concen: 48.558 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:178 Resp: 1286524
Ion Ratio Lower Upper
178 100
176 21.5 17.0 25.4
179 17.5 14.4 21.6





#73

Carbazole

Concen: 46.416 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

SB-2MS

Tot Ion:167 Resp: 1133721

Ion Ratio Lower Upper

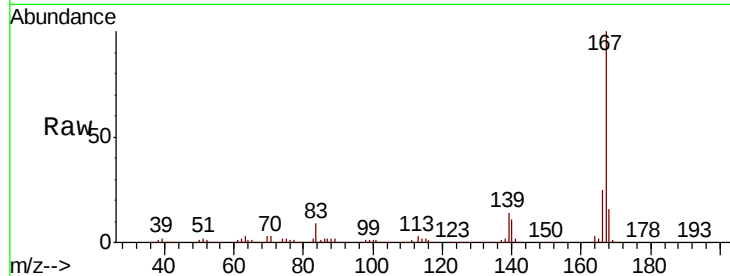
167 100

166 25.1 19.8 29.6

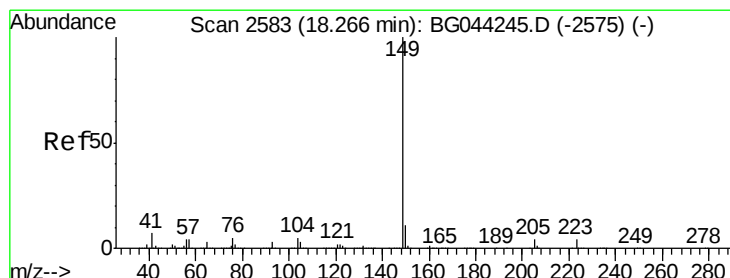
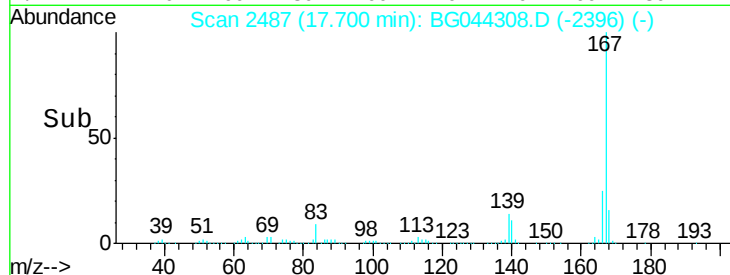
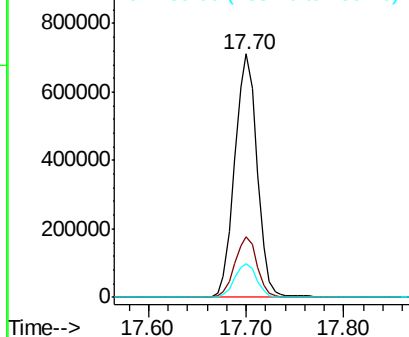
139 13.9 11.1 16.7

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.639 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

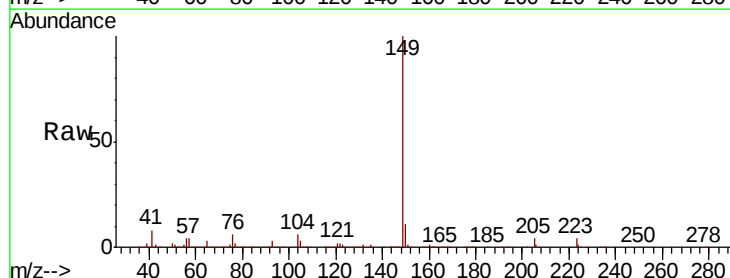
Tgt Ion:149 Resp: 1377541

Ion Ratio Lower Upper

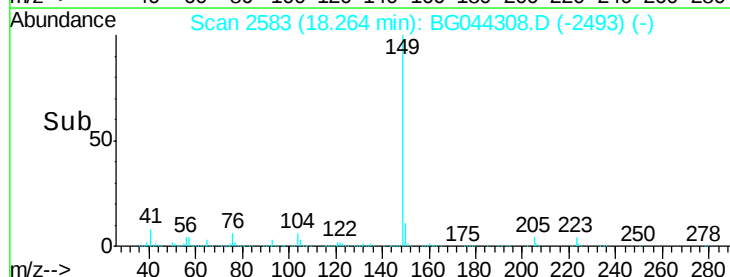
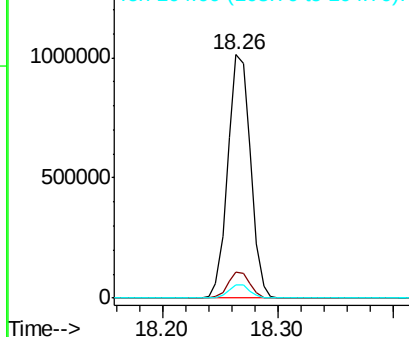
149 100

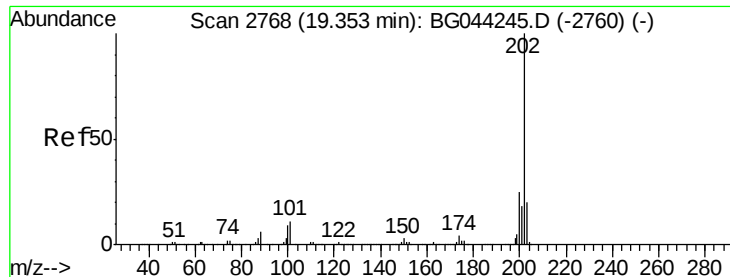
150 10.9 8.7 13.1

104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.082 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

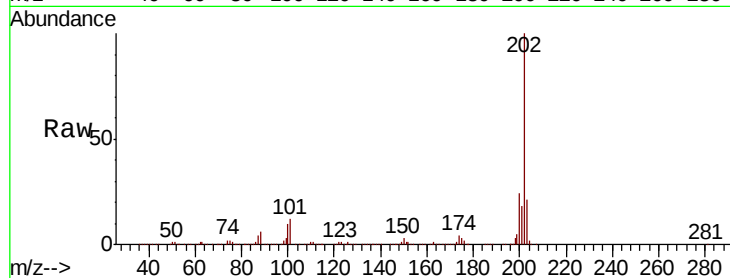
ClientSampled :

SB-2MS

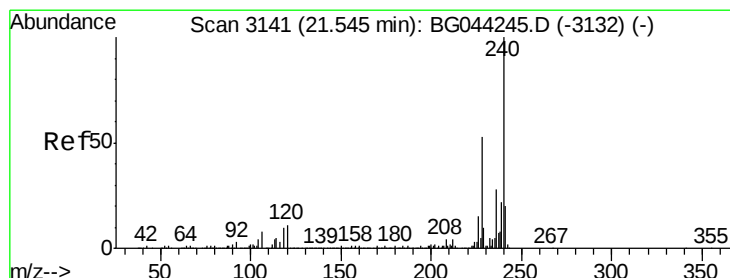
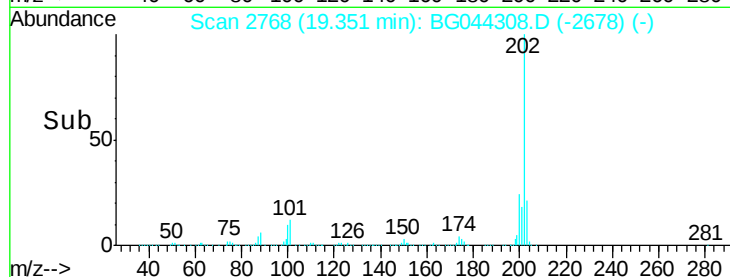
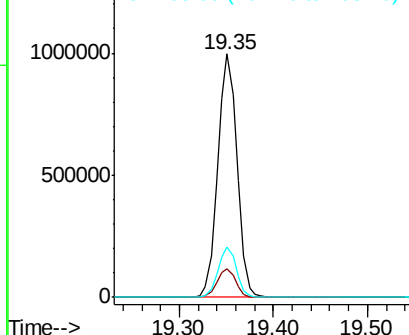
Tot Ion:	202	Resp:	1428577
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.3
203	20.8	0.0	39.9

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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

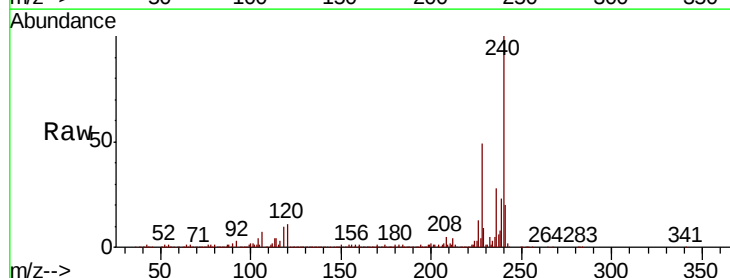
RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

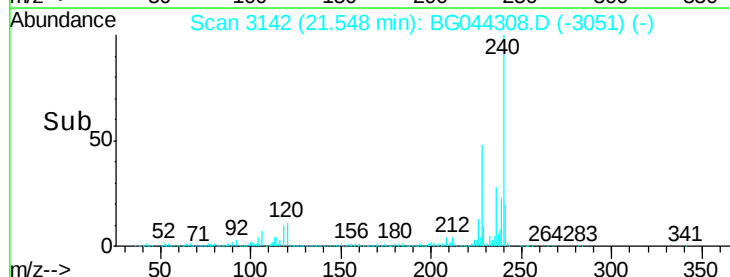
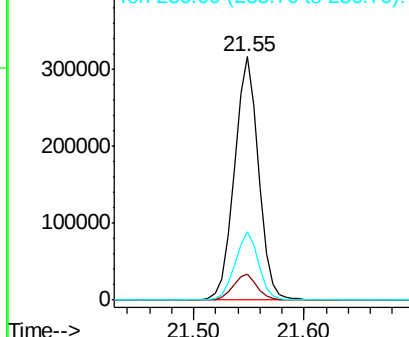
Lab File: BG044308.D

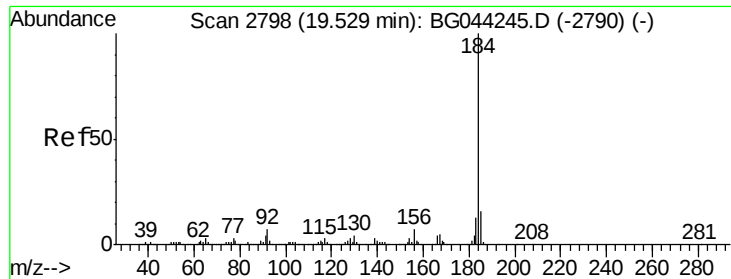
Acq: 5 Feb 2020 17:27

Tgt Ion:	240	Resp:	486046
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.4	12.6
236	27.8	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: 39.735 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

SB-2MS

Tot Ion:184 Resp: 535698

Ion Ratio Lower Upper

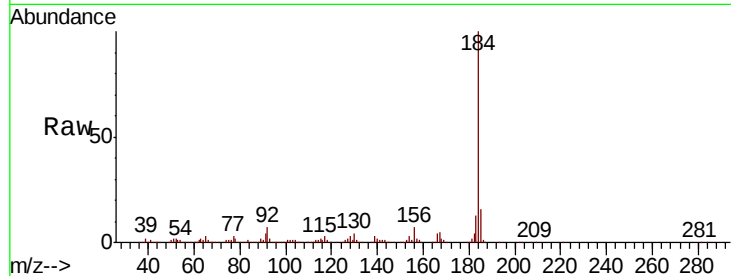
184 100

185 15.7 12.9 19.3

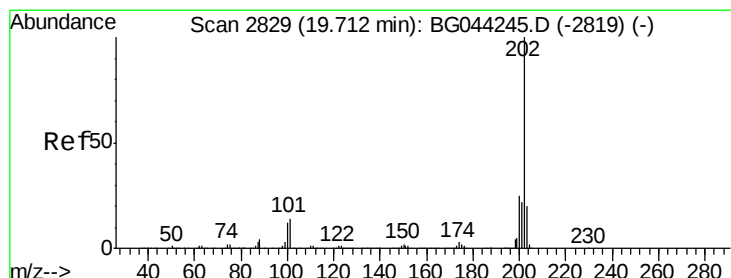
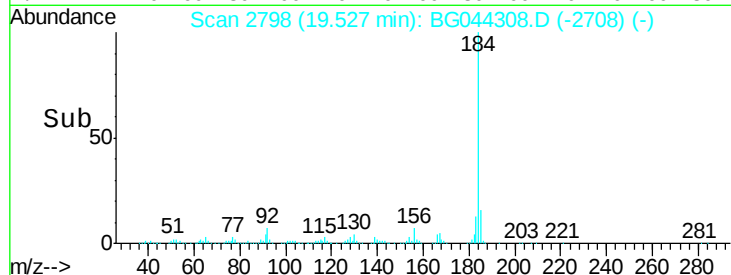
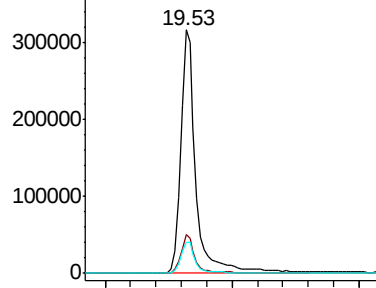
183 12.8 10.8 16.2

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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: 46.061 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

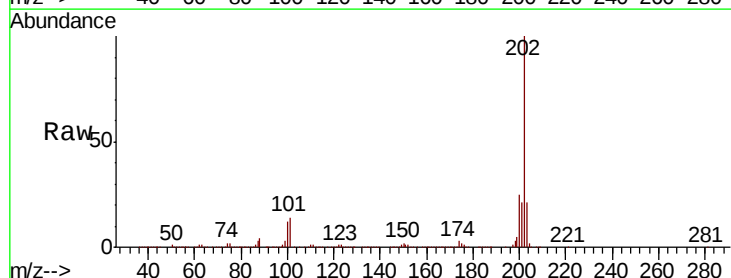
Tgt Ion:202 Resp: 1437755

Ion Ratio Lower Upper

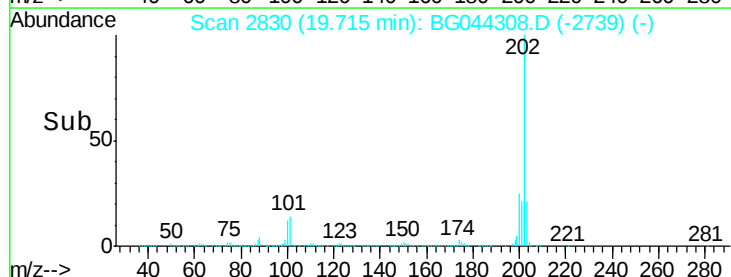
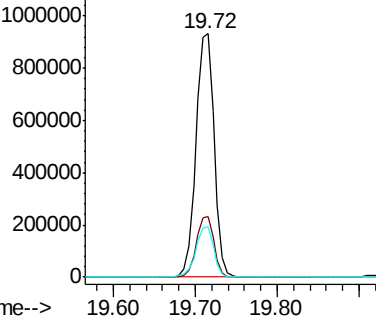
202 100

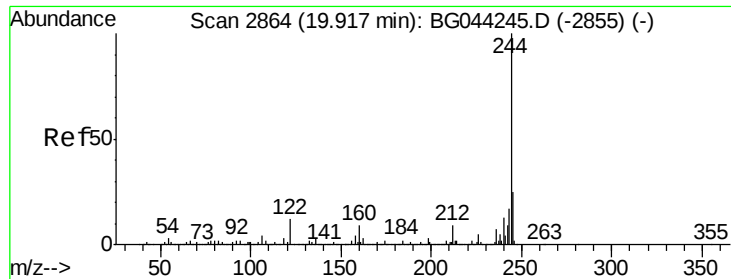
200 24.9 20.0 30.0

203 20.5 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: 71.793 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

SB-2MS

Tot Ion:244 Resp: 1696499

Ion Ratio Lower Upper

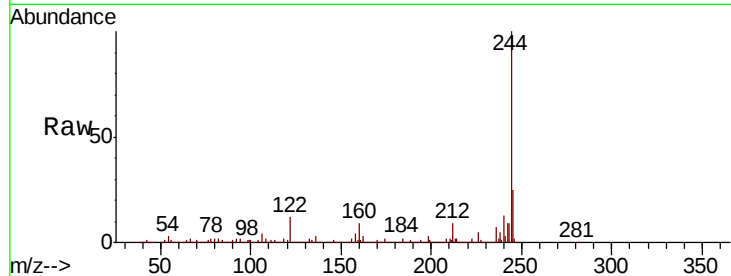
244 100

212 9.4 7.4 11.2

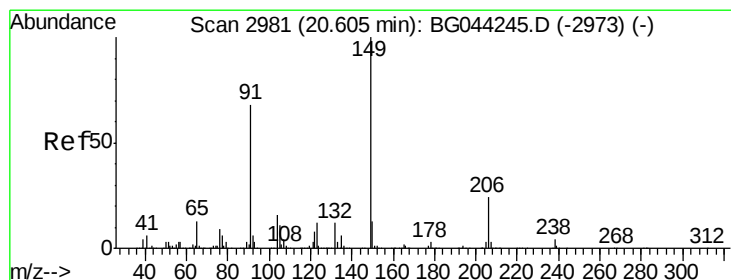
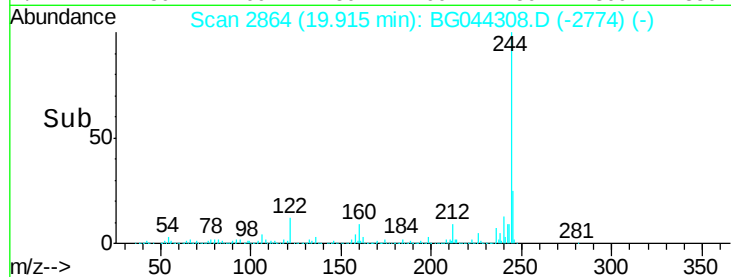
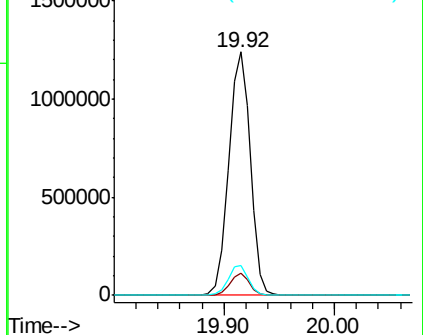
122 12.1 9.8 14.6

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.605 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

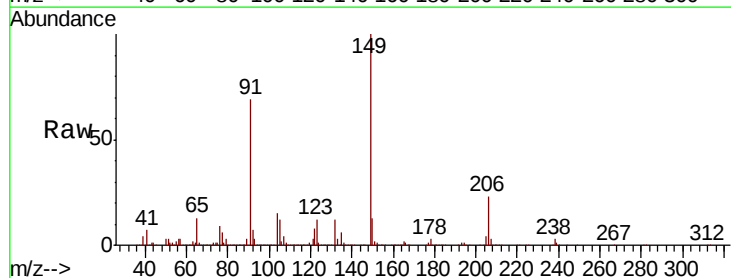
Tgt Ion:149 Resp: 662941

Ion Ratio Lower Upper

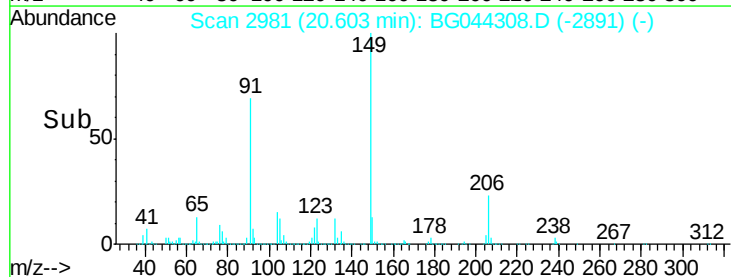
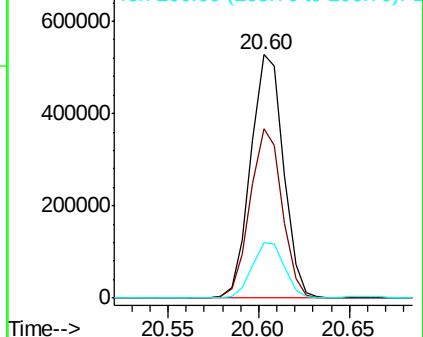
149 100

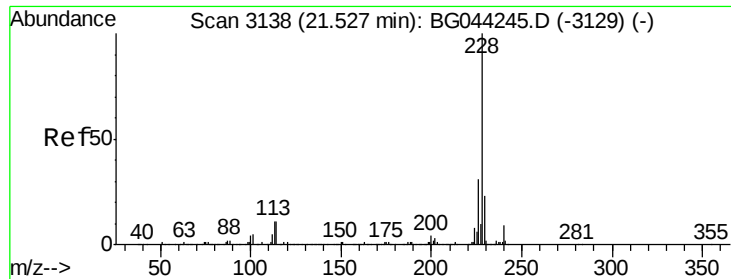
91 69.4 54.5 81.7

206 22.7 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





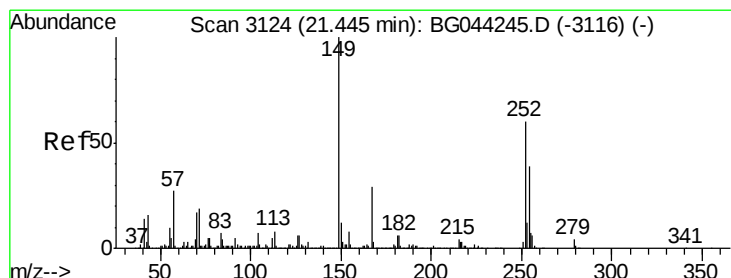
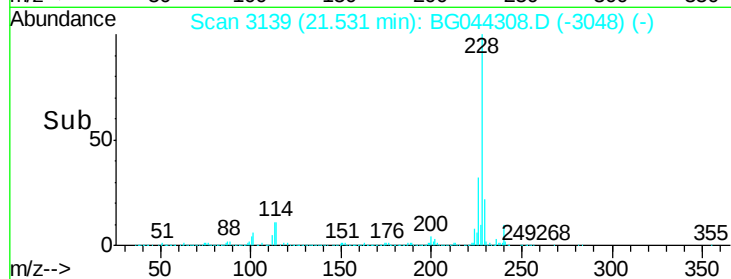
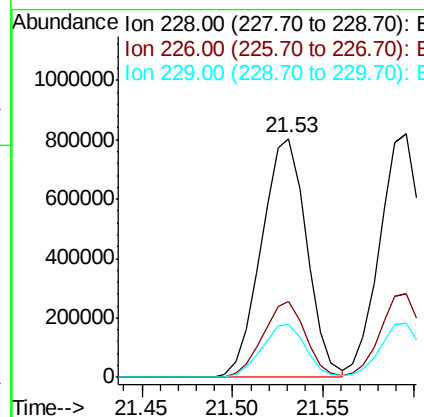
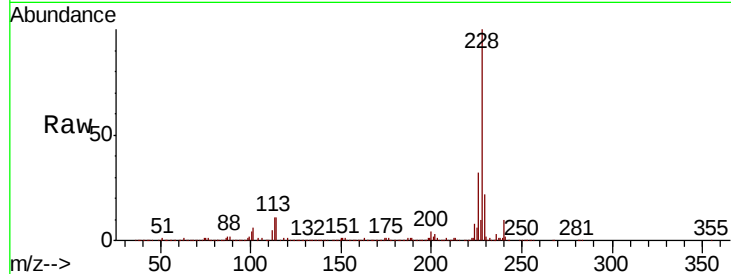
#81
Benzo(a)anthracene
Concen: 46.652 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :
SB-2MS

Tot Ion:228 Resp: 1397498
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 22.3 18.2 27.4

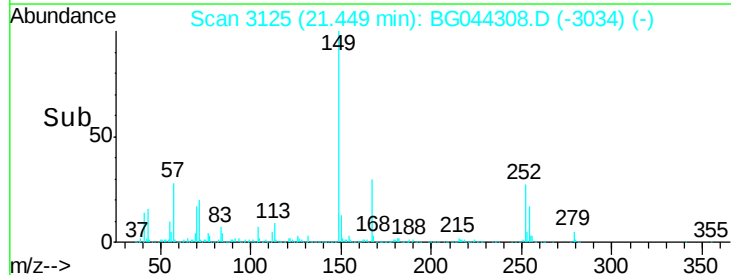
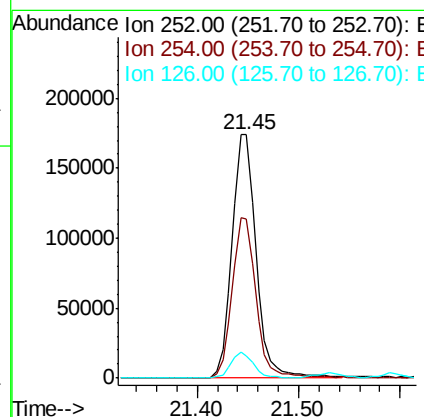
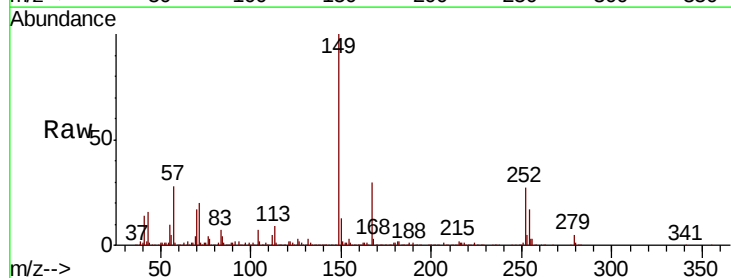
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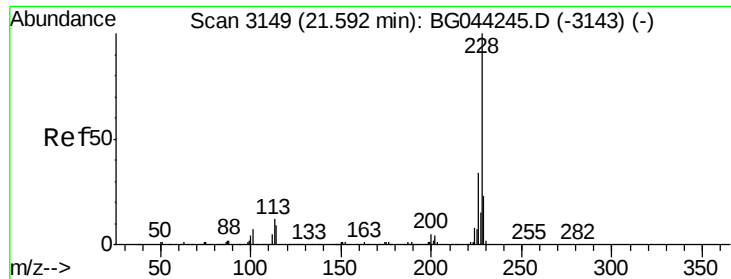
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#82
3,3'-Dichlorobenzidine
Concen: 24.874 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:252 Resp: 289183
Ion Ratio Lower Upper
252 100
254 65.3 52.6 78.8
126 9.4 8.2 12.4





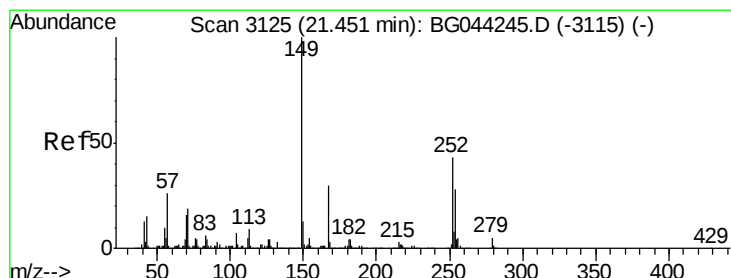
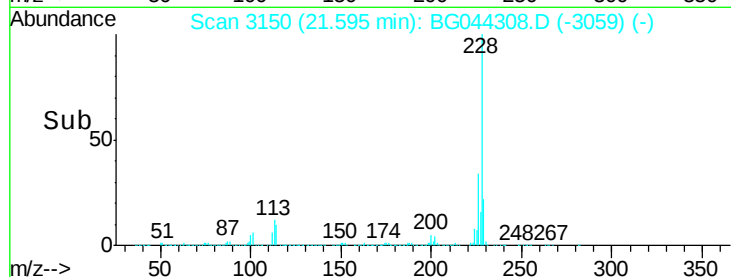
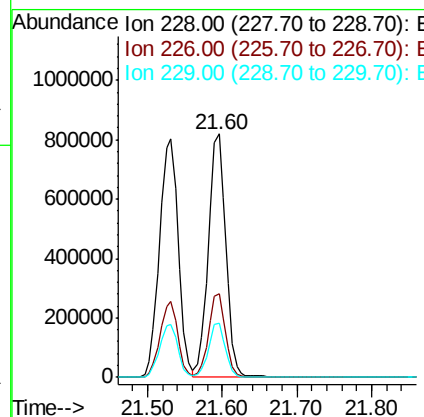
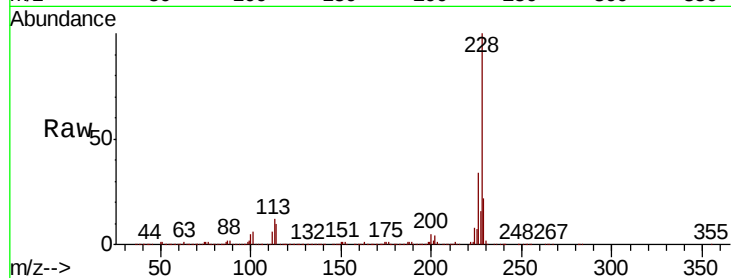
#83
 Chrvsene
 Concen: 46.233 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MS

Tot Ion:228 Resp: 1338662
 Ion Ratio Lower Upper
 228 100
 226 34.2 27.1 40.7
 229 22.3 17.9 26.9

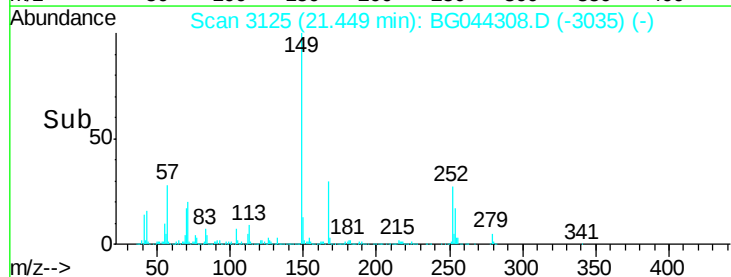
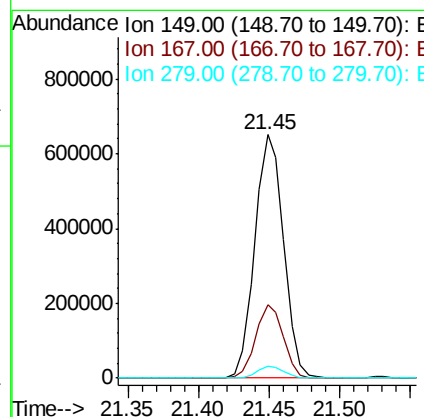
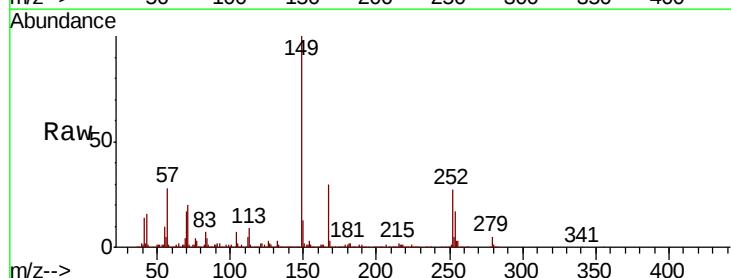
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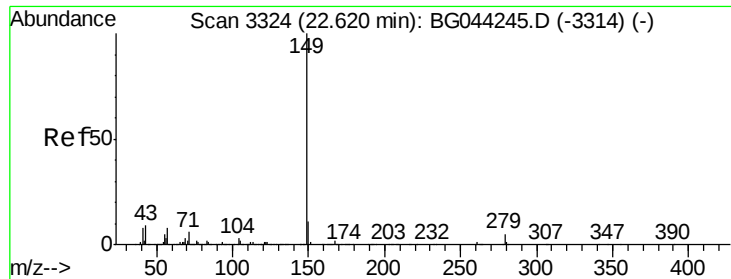
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.638 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion:149 Resp: 932696
 Ion Ratio Lower Upper
 149 100
 167 30.2 24.0 36.0
 279 4.8 3.8 5.8





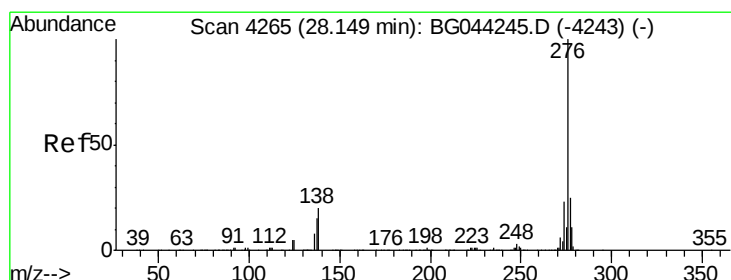
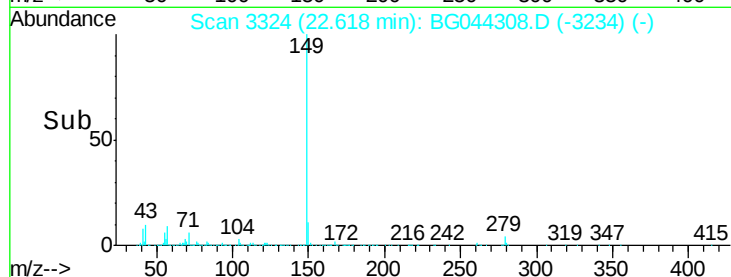
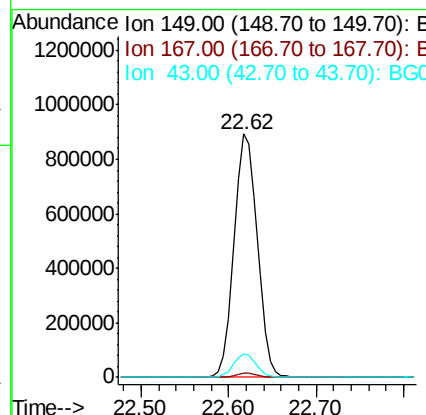
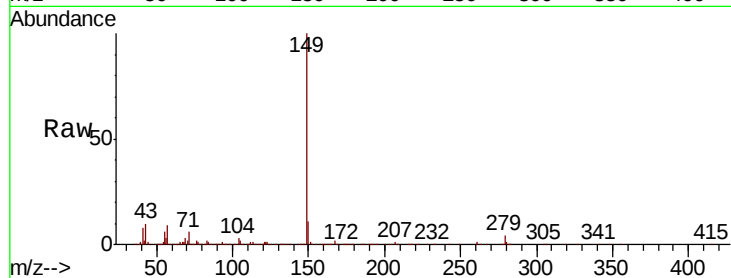
#85
Di-n-octyl phthalate
Concen: 47.669 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.2	7.4	11.0

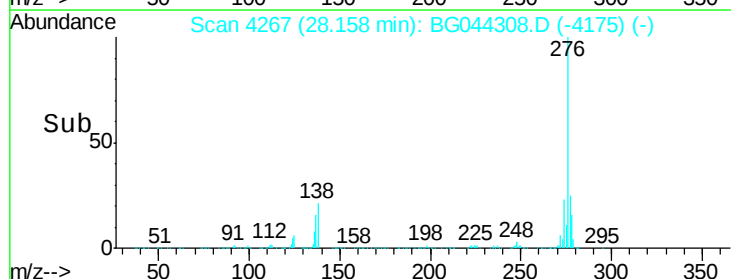
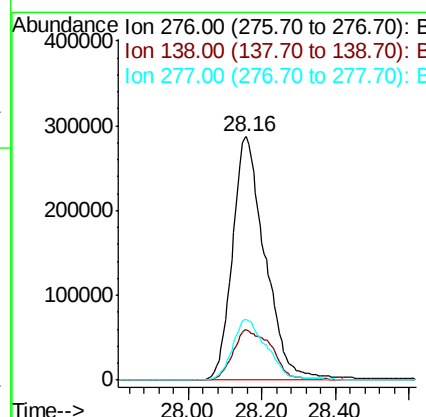
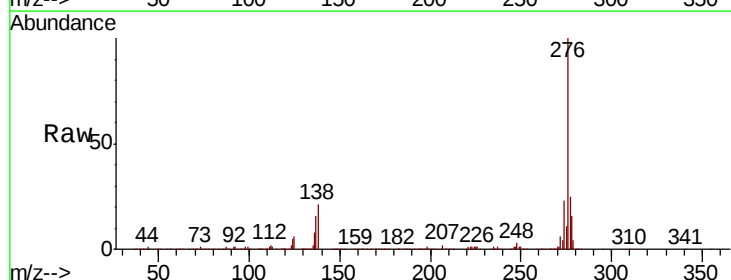
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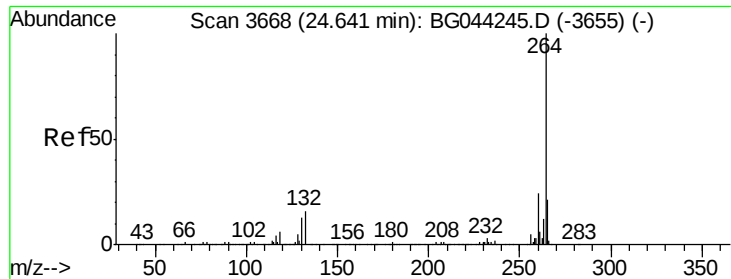
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.744 ng
RT: 28.16 min Scan# 4267
Delta R.T. 0.01 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.4	29.0
277	26.2	21.0	31.6





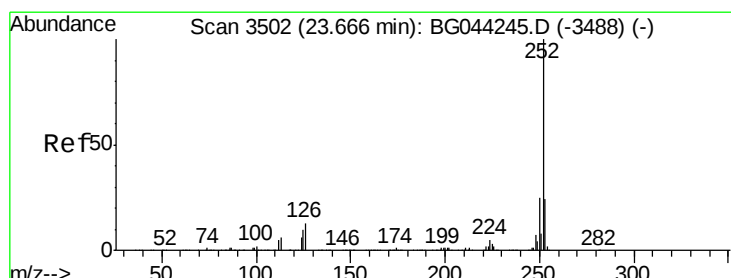
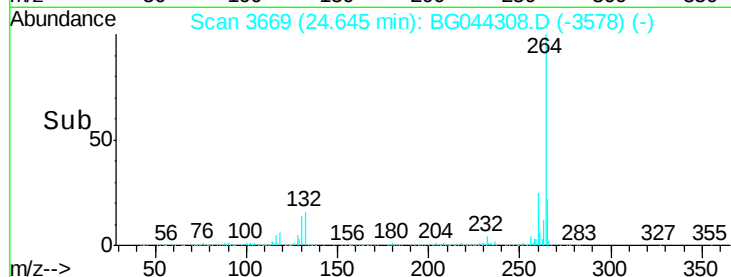
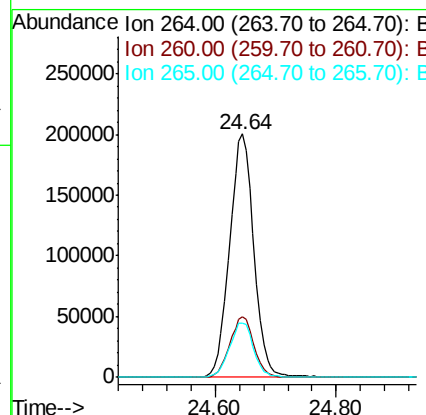
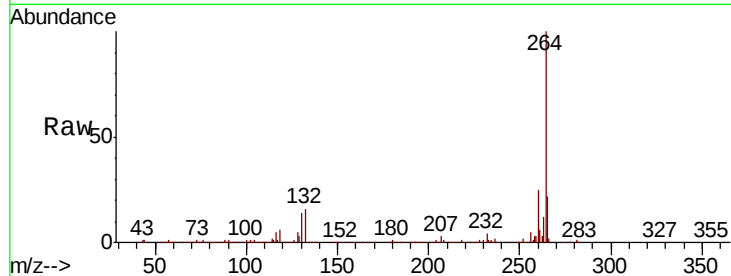
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :
SB-2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.2	16.7	25.1

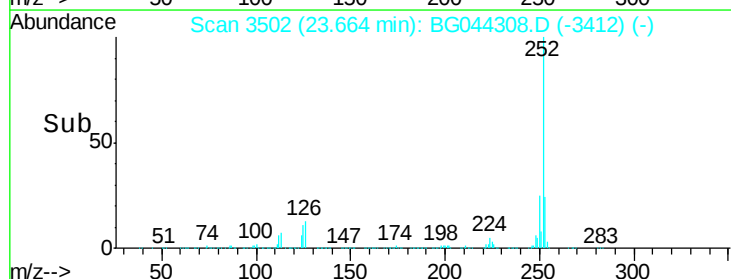
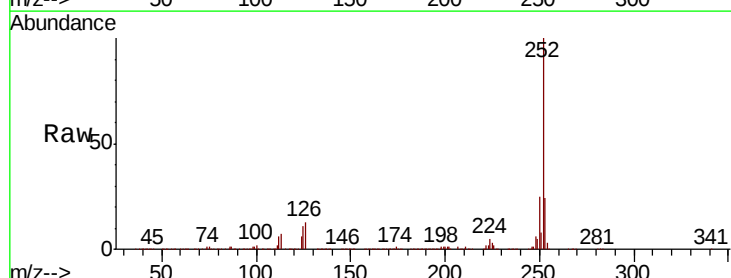
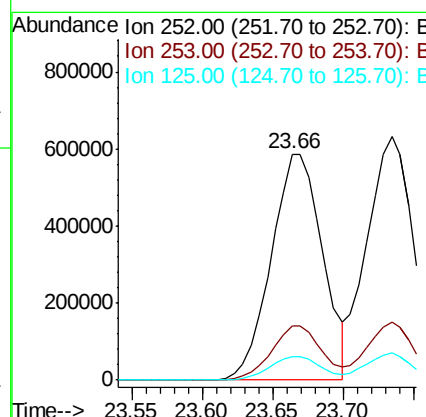
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#88
Benzo(b)fluoranthene
Concen: 46.053 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	10.7	8.4	12.6





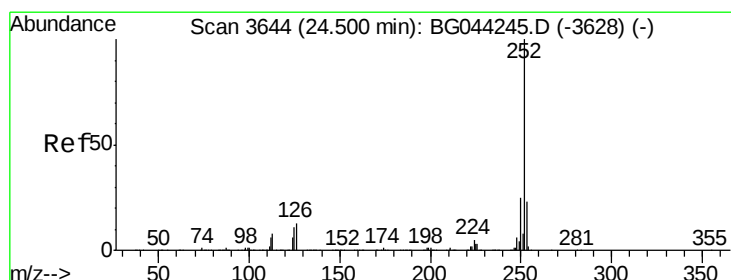
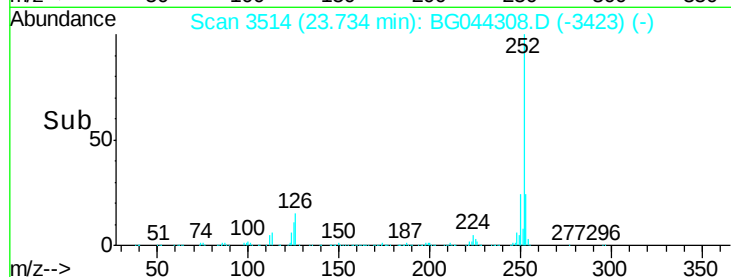
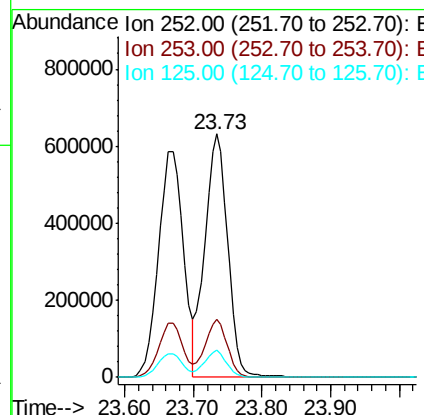
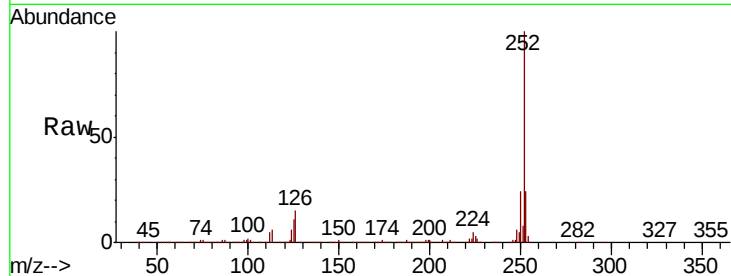
#89
Benzo(k)fluoranthene
Concen: 46.627 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	11.0	8.6	12.8

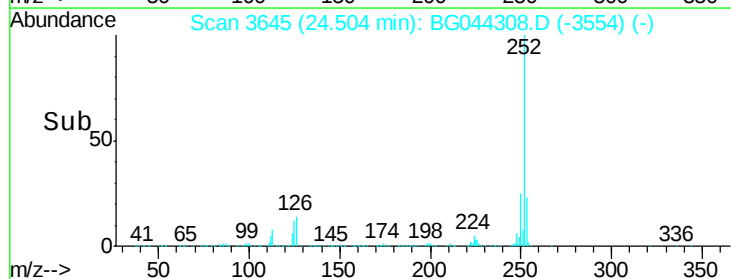
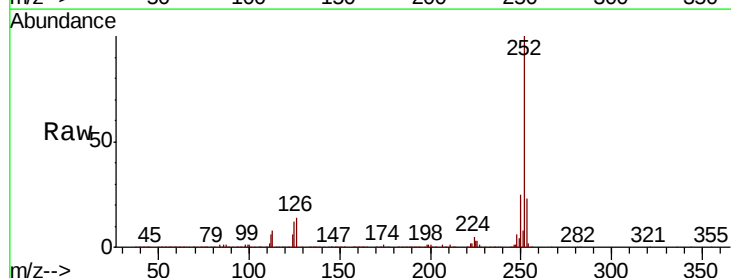
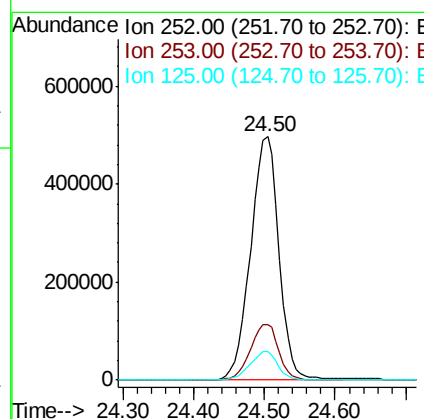
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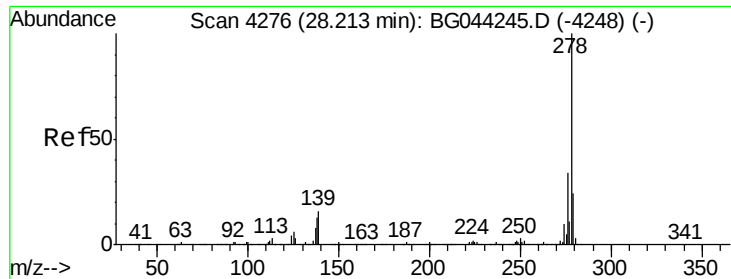
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#90
Benzo(a)pyrene
Concen: 45.629 ng
RT: 24.50 min Scan# 3645
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.8	8.6	13.0





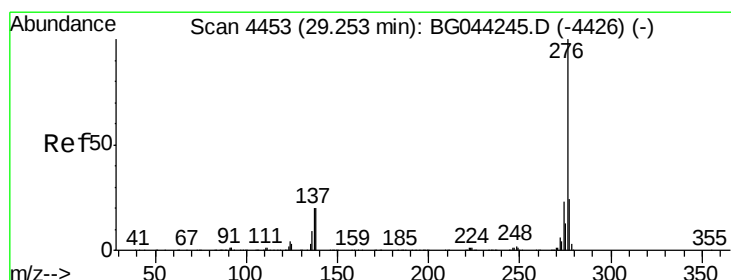
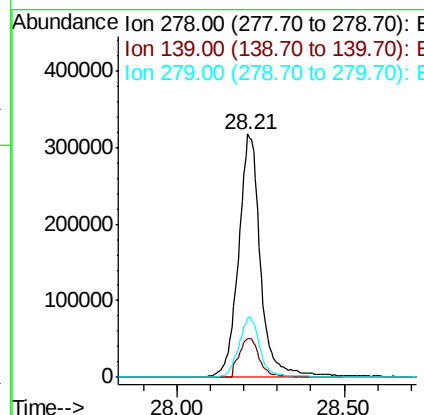
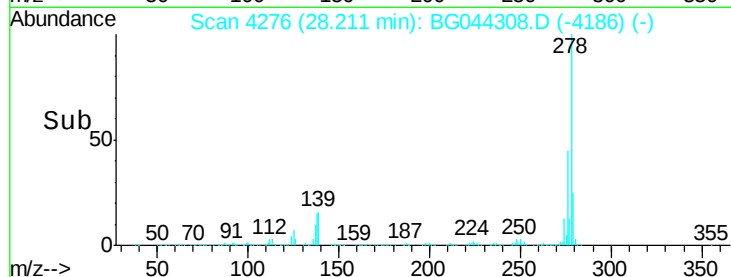
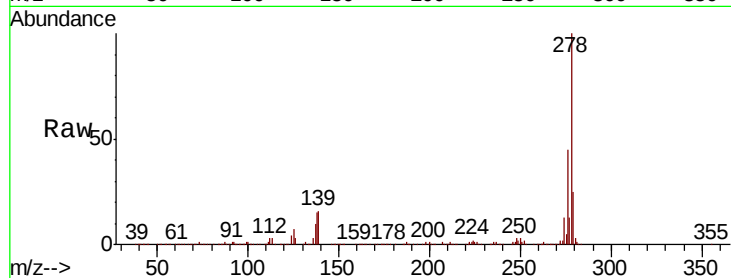
#91
Dibenzo(a,h)anthracene
Concen: 48.492 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :
SB-2MS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	16.1	12.7	19.1	
279	24.5	19.3	28.9	

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#92
Benzo(g,h,i)perylene
Concen: 48.725 ng
RT: 29.25 min Scan# 4452
Delta R.T. -0.01 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.1	18.8	28.2	
138	20.8	16.2	24.2	

