

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044309.D
 Acq On : 5 Feb 2020 18:06
 Operator : CG/JU
 Sample : L1390-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Manual Integrations
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 2/6/2020 2:19:30 PM

Quant Time: Feb 06 02:23:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	72810	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	331561	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	240093	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	553925	20.00	ng	0.00
76) Chrysene-d12	21.55	240	484577	20.00	ng	0.00
87) Perylene-d12	24.64	264	560406	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	472819	114.61	ng	0.00
7) Phenol-d6	7.09	99	640563	115.62	ng	0.00
23) Nitrobenzene-d5	9.07	82	376732	64.15	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	301283	106.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	901891	62.90	ng	0.00
79) Terphenyl-d14	19.92	244	1528476	64.88	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.38	88	76888	41.480 ng	99
3) Pyridine	3.77	79	190963	38.669 ng	98
4) n-Nitrosodimethylamine	3.68	42	95033	46.052 ng	95
6) Aniline	7.24	93	133913	19.474 ng	98
8) 2-Chlorophenol	7.48	128	249537	55.035 ng	98
9) Benzaldehyde	7.05	77	107288	34.003 ng	99
10) Phenol	7.11	94	318155	58.028 ng	99
11) bis(2-Chloroethyl)ether	7.33	93	211058	45.027 ng	96
12) 1,3-Dichlorobenzene	7.81	146	241437	44.598 ng	98
13) 1,4-Dichlorobenzene	7.95	146	244900	45.675 ng	99
14) 1,2-Dichlorobenzene	8.27	146	235078	46.385 ng	97
15) Benzyl Alcohol	8.15	79	204064	52.028 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	278111	43.836 ng	97
17) 2-Methylphenol	8.36	107	214899	54.935 ng	99
18) Hexachloroethane	9.00	117	87461	43.469 ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	169925	46.023 ng	99
20) 3+4-Methylphenols	8.69	107	299172	55.493 ng	99
22) Acetophenone	8.73	105	330337	40.955 ng	99
24) Nitrobenzene	9.11	77	250543	43.699 ng	99
25) Isophorone	9.64	82	487684	44.552 ng	99
26) 2-Nitrophenol	9.83	139	139241	46.804 ng	98
27) 2,4-Dimethylphenol	9.89	122	243629	58.014 ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	303678	41.587 ng	99
29) 2,4-Dichlorophenol	10.37	162	255921	50.399 ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	238055	40.885 ng	98
31) Naphthalene	10.77	128	721244	44.836 ng	99
32) Benzoic acid	10.05	122	120791	44.947 ng	97
33) 4-Chloroaniline	10.87	127	71832	9.818 ng	96
34) Hexachlorobutadiene	11.06	225	138007	38.520 ng	99
35) Caprolactam	11.64	113	106106m	57.042 ng	
36) 4-Chloro-3-methylphenol	12.01	107	290481	54.561 ng	99
37) 2-Methylnaphthalene	12.38	142	552333	46.245 ng	100
38) 1-Methylnaphthalene	12.59	142	526944	46.796 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	270587	37.676 ng	98

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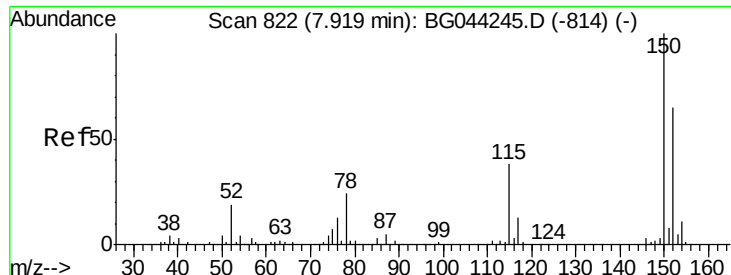
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	304822	88.454	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	217429	46.837	ng	98
44) 2,4,5-Trichlorophenol	13.06	196	241946	51.026	ng	98
46) 1,1'-Biphenyl	13.39	154	720843	41.624	ng	99
47) 2-Chloronaphthalene	13.43	162	574477	41.686	ng	100
48) 2-Nitroaniline	13.63	65	187564	46.118	ng	96
49) Acenaphthylene	14.27	152	936730	46.343	ng	99
50) Dimethylphthalate	14.01	163	845022	48.962	ng	99
51) 2,6-Dinitrotoluene	14.12	165	179680	46.693	ng	99
52) Acenaphthene	14.62	154	578458	44.152	ng	99
53) 3-Nitroaniline	14.45	138	61754	14.505	ng	99
54) 2,4-Dinitrophenol	14.66	184	212387	91.893	ng	99
55) Dibenzofuran	14.95	168	908037	45.777	ng	100
56) 4-Nitrophenol	14.77	139	339311	108.806	ng	98
57) 2,4-Dinitrotoluene	14.92	165	257752	47.790	ng	98
58) Fluorene	15.60	166	730956	46.786	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	220132	51.398	ng	98
60) Diethylphthalate	15.38	149	791439	46.022	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	379827	44.837	ng	99
62) 4-Nitroaniline	15.62	138	184037	43.261	ng	98
63) Azobenzene	15.89	77	713698	47.353	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	156996	51.345	ng	96
66) n-Nitrosodiphenylamine	15.81	169	702435	45.250	ng	98
67) 4-Bromophenyl-phenylether	16.49	248	259742	43.040	ng	98
68) Hexachlorobenzene	16.61	284	278607	41.207	ng	98
69) Atrazine	16.76	200	269376	50.628	ng	100
70) Pentachlorophenol	16.95	266	323456	94.031	ng	96
71) Phenanthrene	17.34	178	1190226	44.373	ng	100
72) Anthracene	17.43	178	1225010	46.194	ng	99
73) Carbazole	17.70	167	1099192	44.962	ng	98
74) Di-n-butylphthalate	18.26	149	1331660	44.079	ng	100
75) Fluoranthene	19.35	202	1372286	44.226	ng	99
77) Benzidine	19.53	184	482362	35.887	ng	99
78) Pyrene	19.71	202	1379550	44.330	ng	99
80) Butylbenzylphthalate	20.60	149	629307	44.375	ng	97
81) Benzo(a)anthracene	21.53	228	1342995	44.969	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	291729	25.169	ng	100
83) Chrysene	21.59	228	1272348	44.076	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	892891	45.743	ng	99
85) Di-n-octyl phthalate	22.62	149	1541661	45.647	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1681066	44.636	ng	100
88) Benzo(b)fluoranthene	23.66	252	1445905	44.775	ng	99
89) Benzo(k)fluoranthene	23.73	252	1384799	43.999	ng	100
90) Benzo(a)pyrene	24.50	252	1328834	43.522	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1368296	45.283	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1401795	46.342	ng	98

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



#1

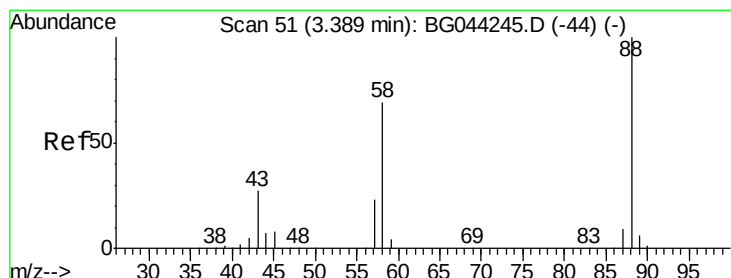
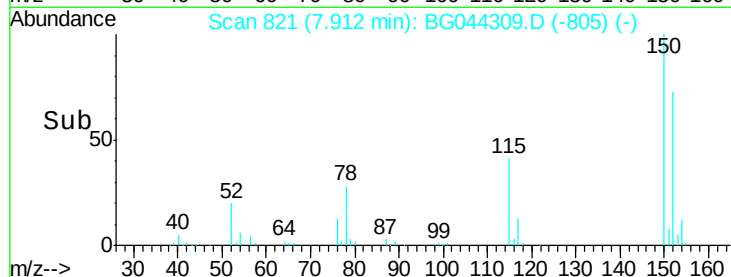
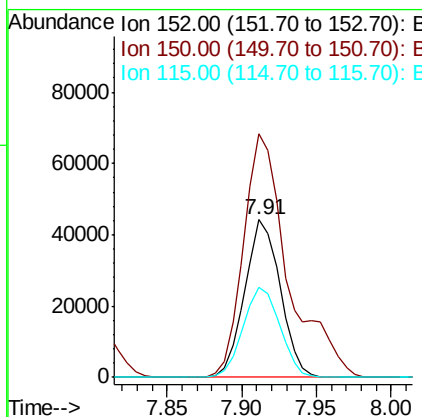
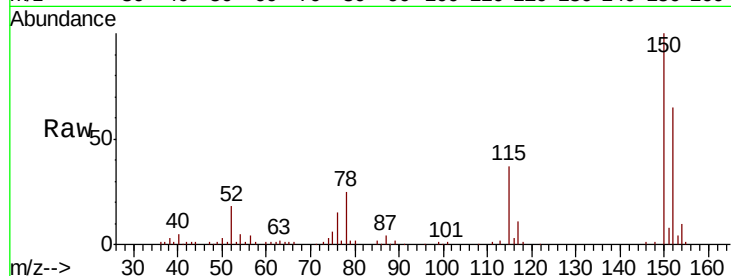
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.6	183.8
115	57.0	46.0	69.0

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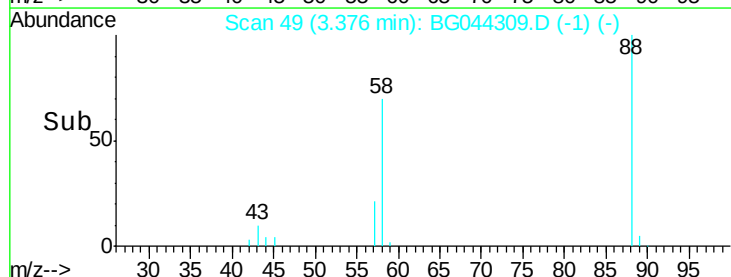
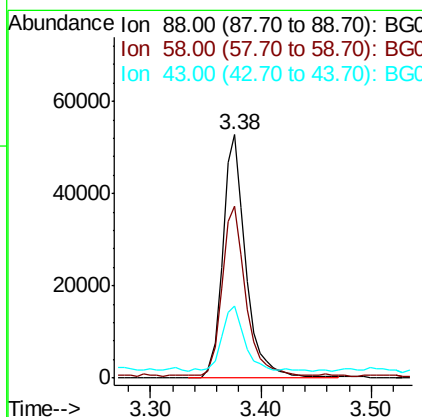
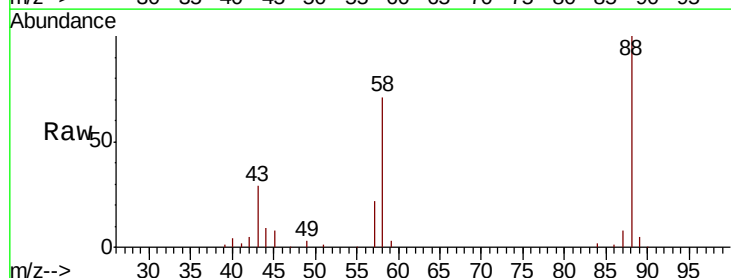
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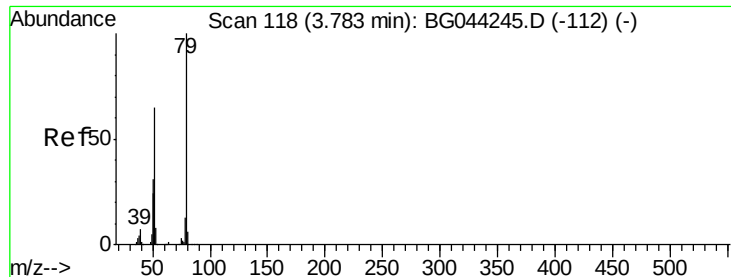


#2

1,4-Dioxane
Concen: 41.480 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

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





#3

Pvridine

Concen: 38.669 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

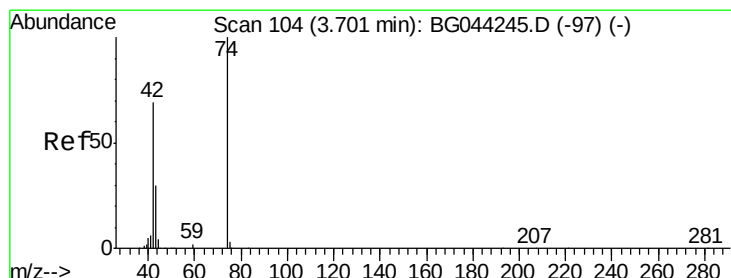
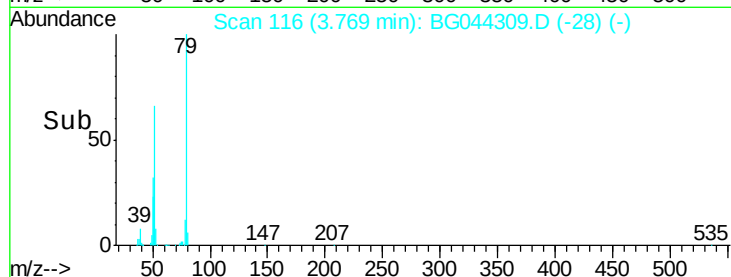
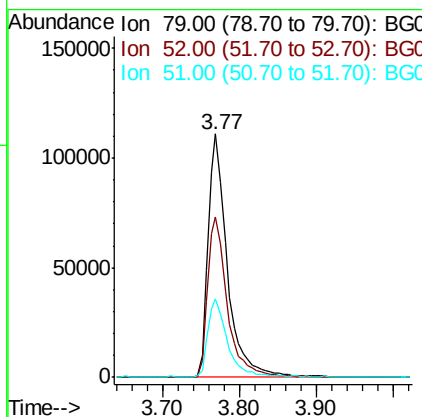
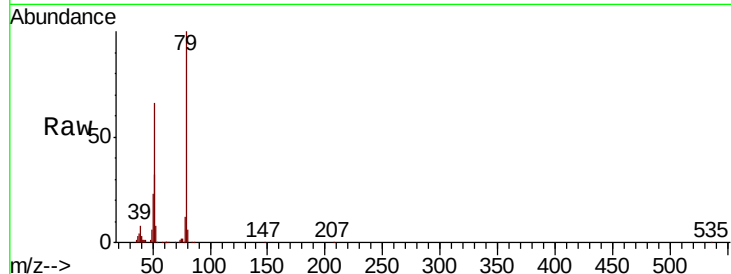
ClientSampleId :

SB-2MSD

Tot Ion:	79	Resp:	190963
Ion	Ratio	Lower	Upper
79	100		
52	66.1	51.9	77.9
51	32.5	25.3	37.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.052 ng

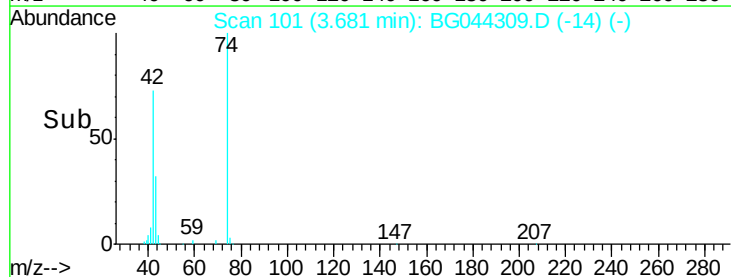
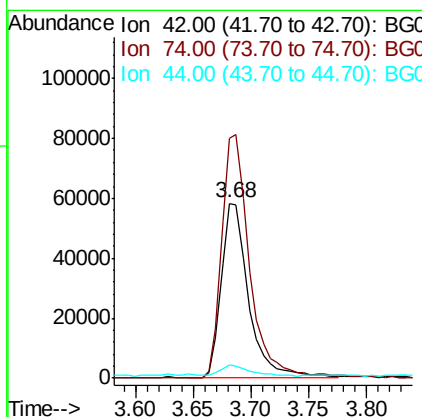
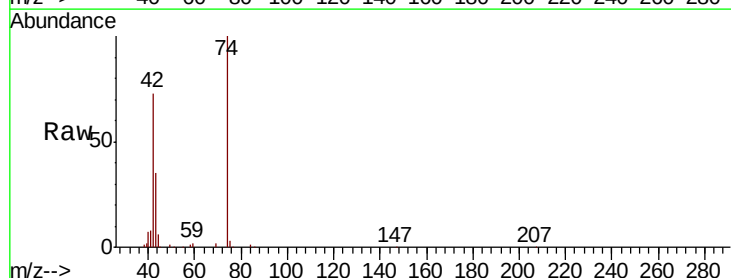
RT: 3.68 min Scan# 101

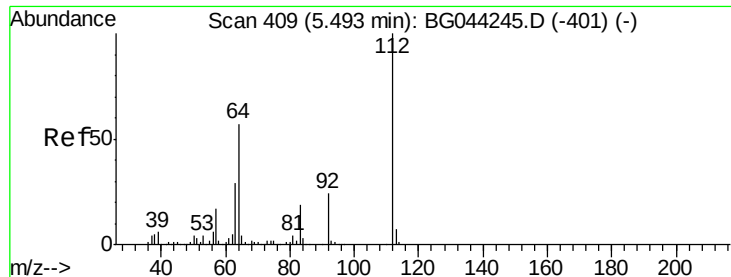
Delta R.T. -0.02 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	42	Resp:	95033
Ion	Ratio	Lower	Upper
42	100		
74	137.2	115.1	172.7
44	7.9	5.6	8.4





#5

2-Fluorophenol

Concen: 114.607 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

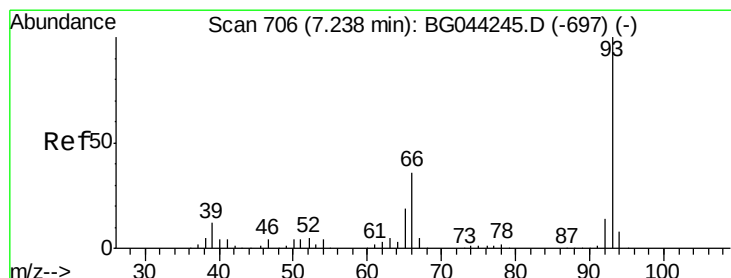
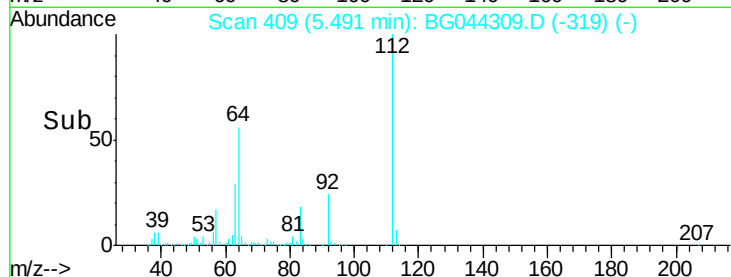
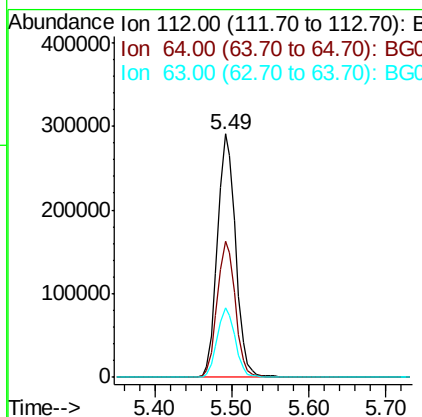
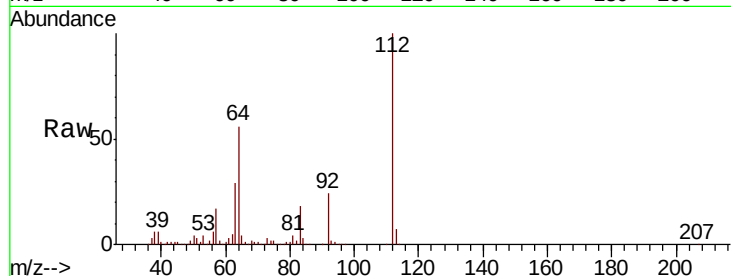
ClientSampleId :

SB-2MSD

Tot Ion:	112	Resp:	472819
Ion Ratio	Lower	Upper	
112	100		
64	55.7	45.4	68.2
63	28.7	22.9	34.3

Manual Integrations
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#6

Aniline

Concen: 19.474 ng

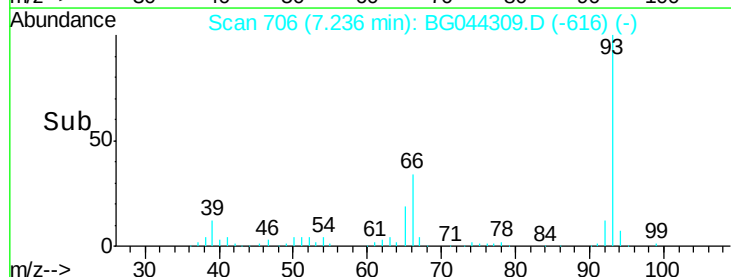
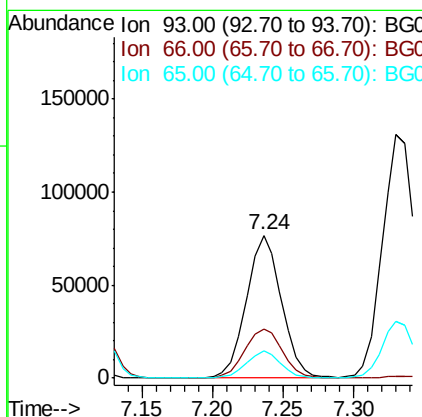
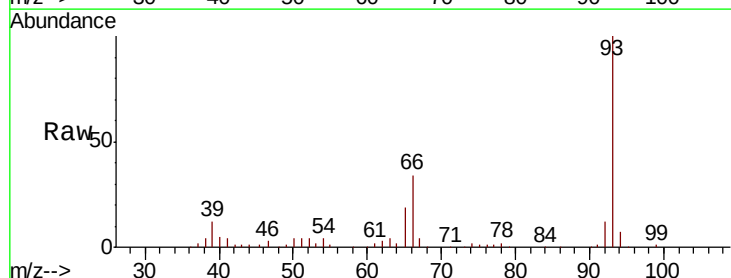
RT: 7.24 min Scan# 706

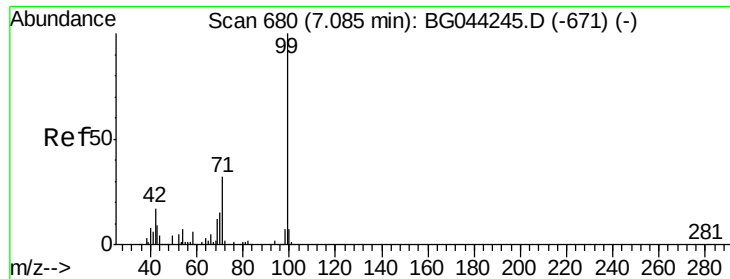
Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	93	Resp:	133913
Ion Ratio	Lower	Upper	
93	100		
66	34.3	28.7	43.1
65	18.9	15.4	23.0





#7

Phenol-d6

Concen: 115.624 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

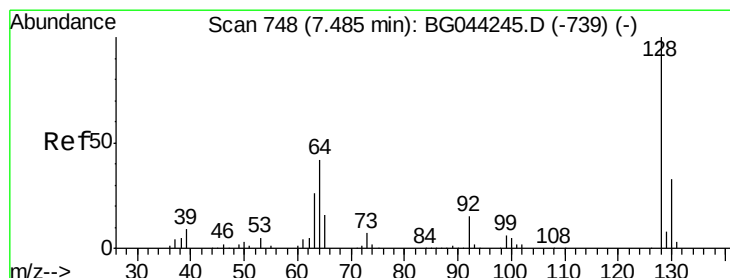
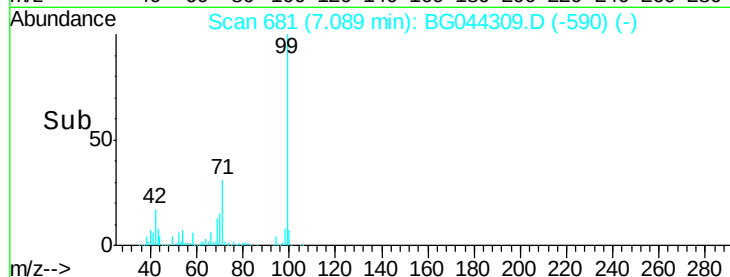
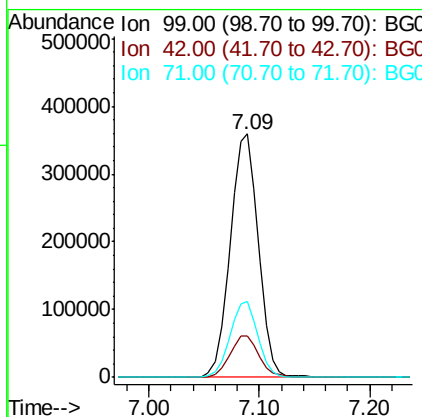
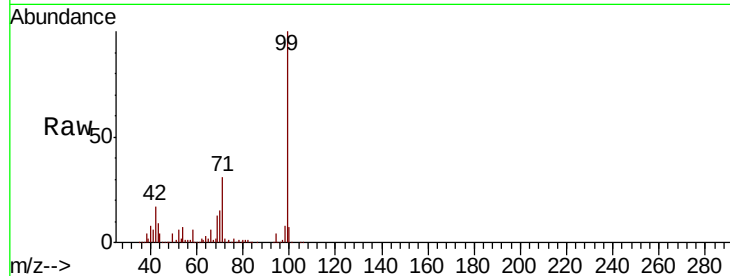
ClientSampleId :

SB-2MSD

Tot Ion:	99	Resp:	640563
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.8	20.6
71	31.0	25.5	38.3

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#8

2-Chlorophenol

Concen: 55.035 ng

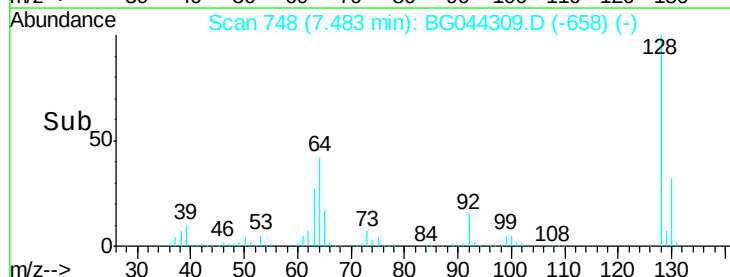
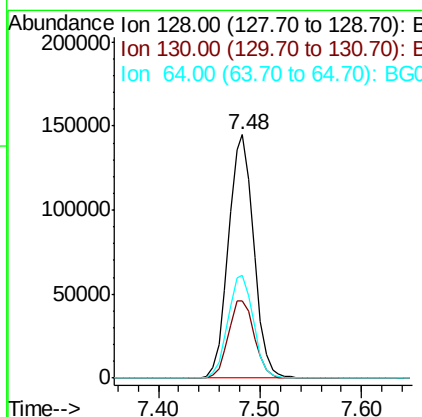
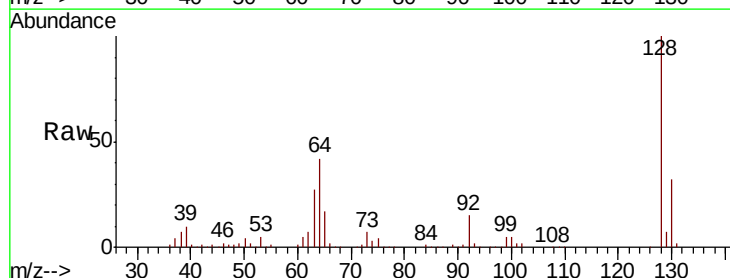
RT: 7.48 min Scan# 748

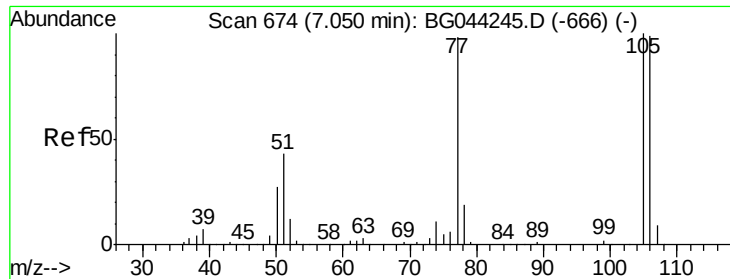
Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	128	Resp:	249537
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.5	52.5
64	42.3	24.2	64.2





#9

Benzaldehyde

Concen: 34.003 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

Tot Ion: 77 Resp: 107288

Ion Ratio Lower Upper

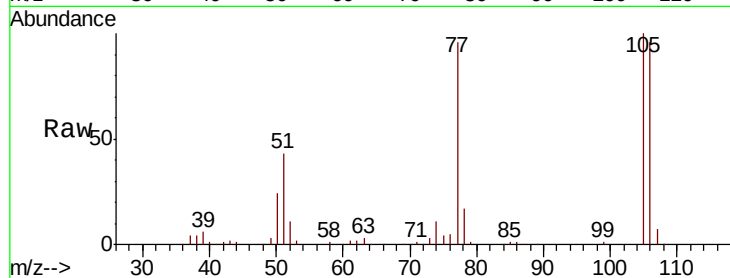
77 100

105 104.2 82.0 122.0

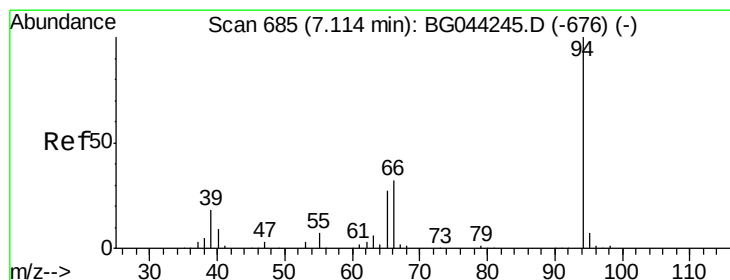
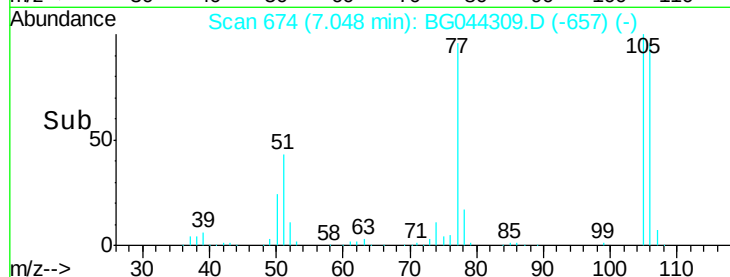
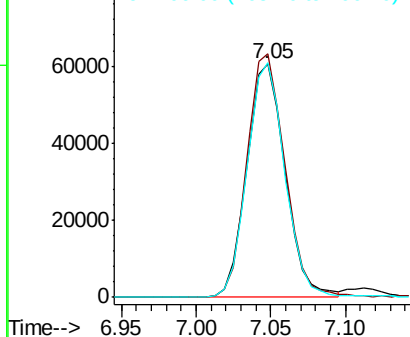
106 100.3 80.7 120.7

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 58.028 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

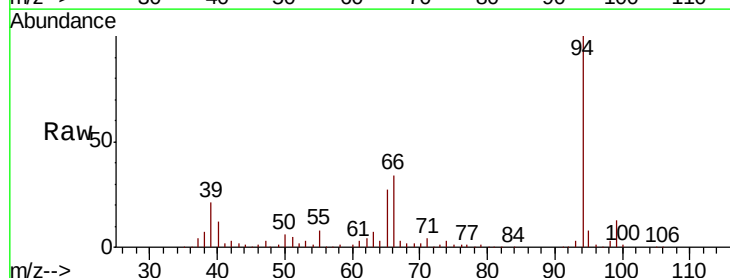
Tgt Ion: 94 Resp: 318155

Ion Ratio Lower Upper

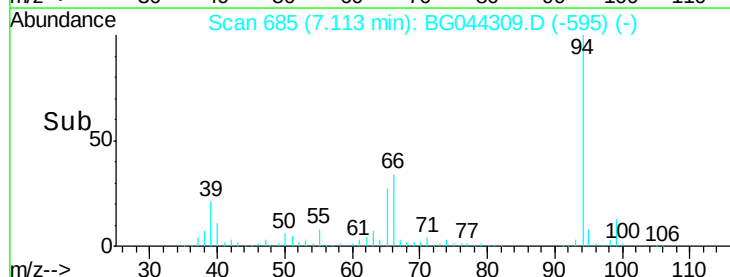
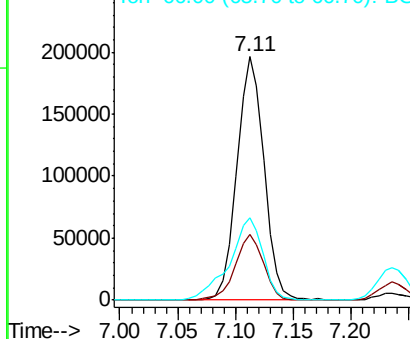
94 100

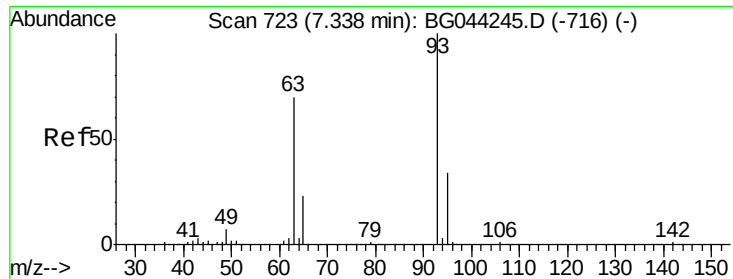
65 27.1 7.0 47.0

66 33.7 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 45.027 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

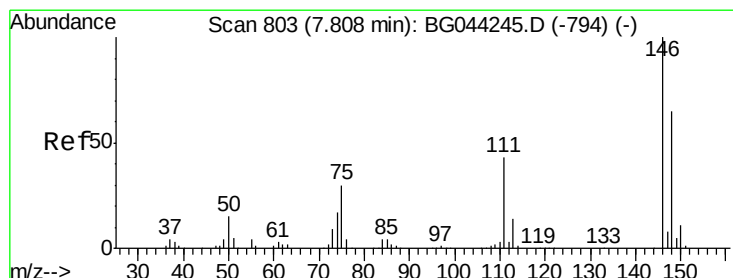
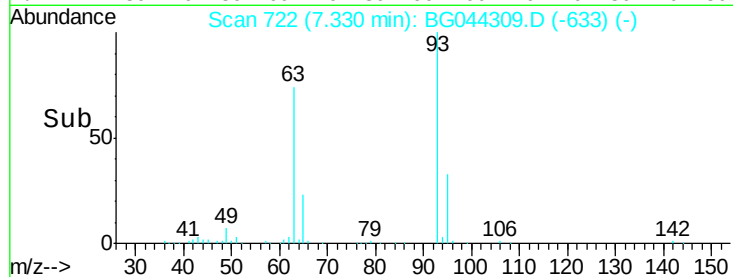
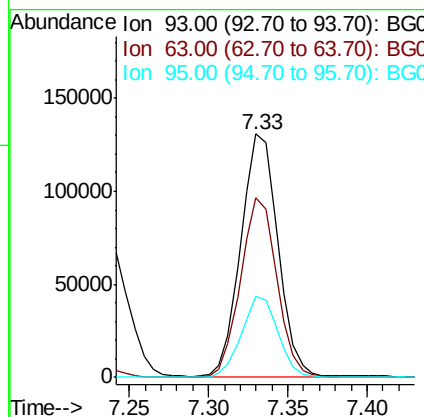
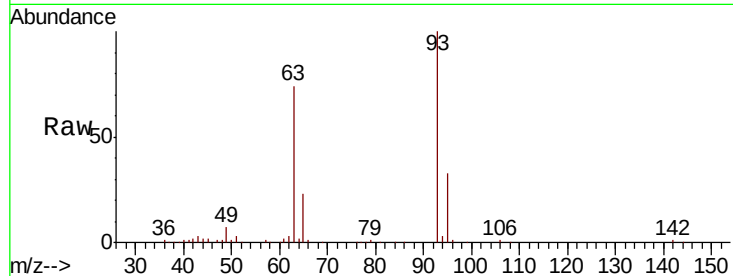
ClientSampleId :

SB-2MSD

Tot Ion:	93	Resp:	211058
Ion	Ratio	Lower	Upper
93	100		
63	73.6	49.2	89.2
95	33.2	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 44.598 ng

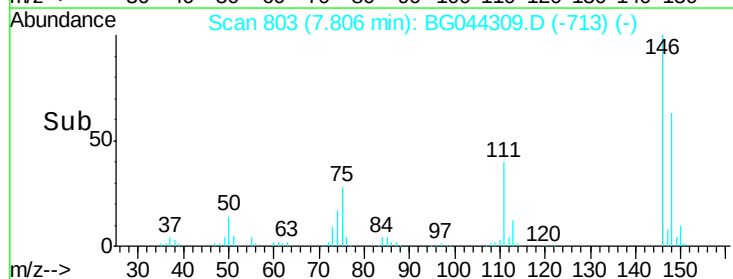
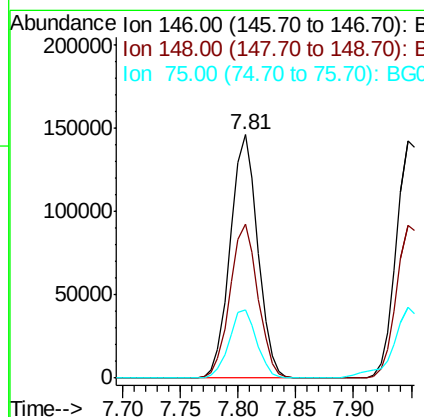
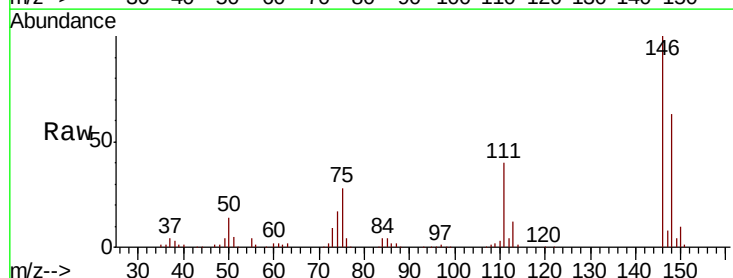
RT: 7.81 min Scan# 803

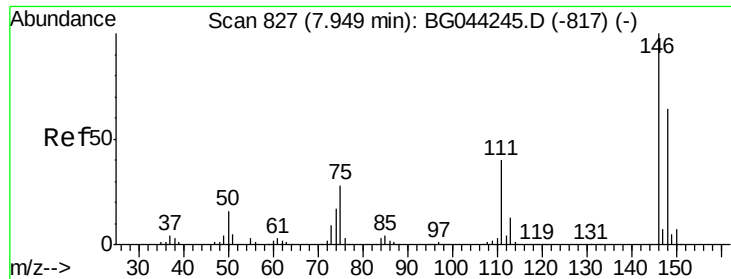
Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	146	Resp:	241437
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	28.1	23.7	35.5





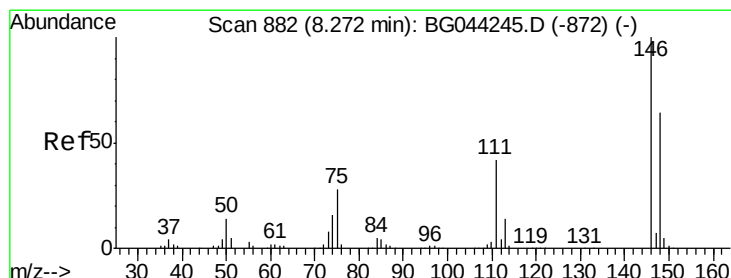
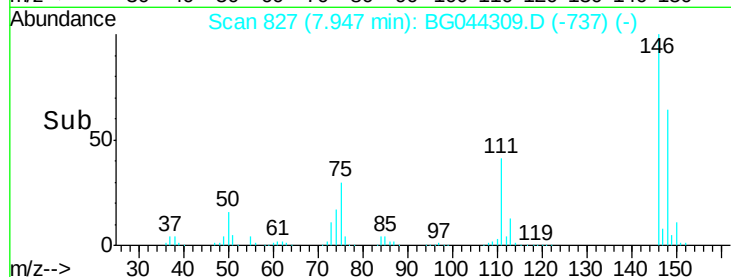
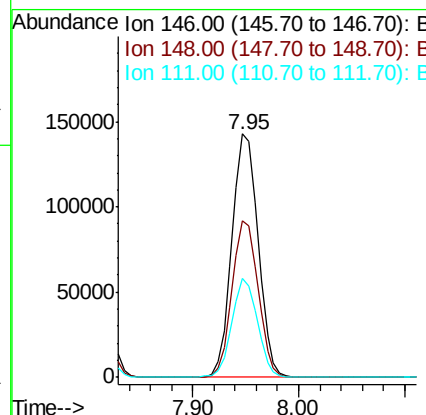
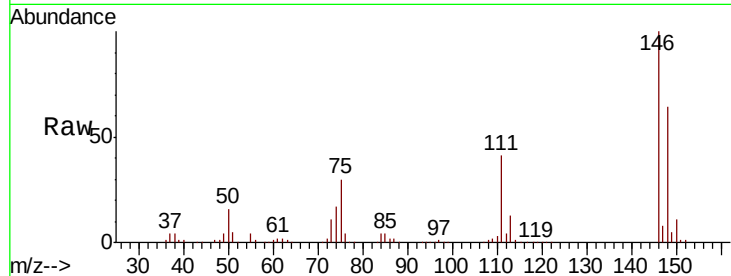
#13
 1,4-Dichlorobenzene
 Concen: 45.675 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	40.8	31.8	47.8

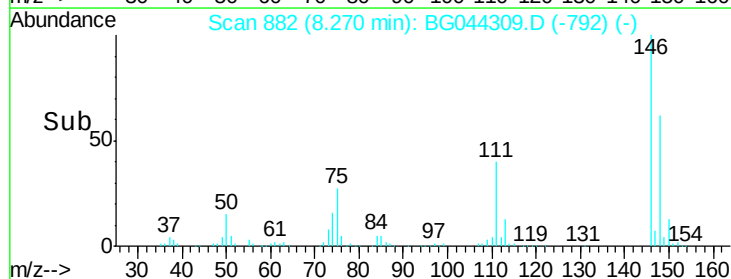
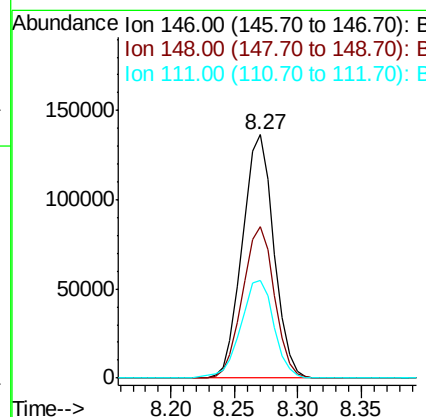
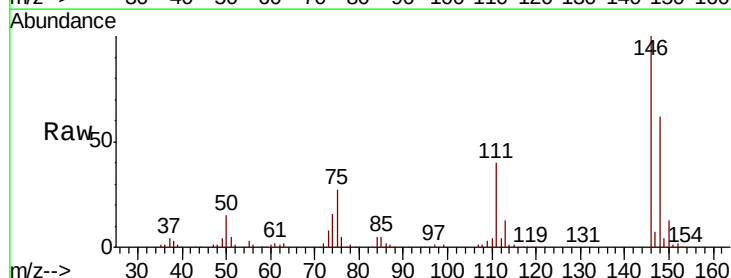
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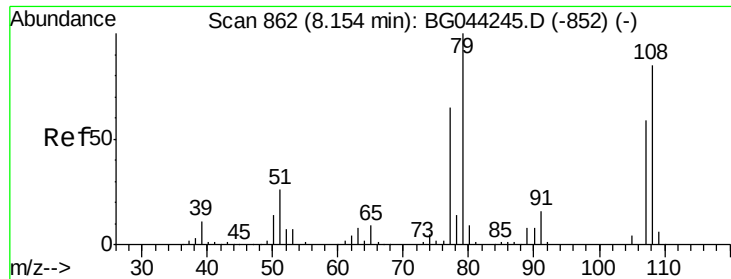
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.385 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.2	76.8
111	40.4	34.0	51.0





#15

Benzyl Alcohol

Concen: 52.028 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

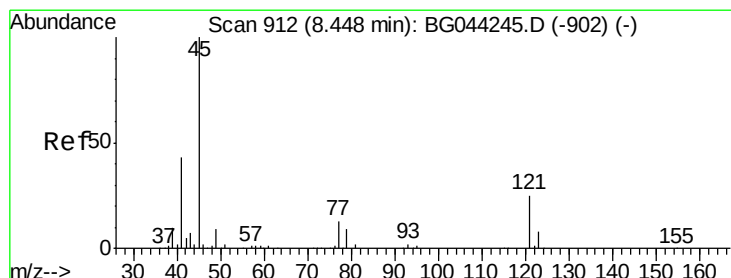
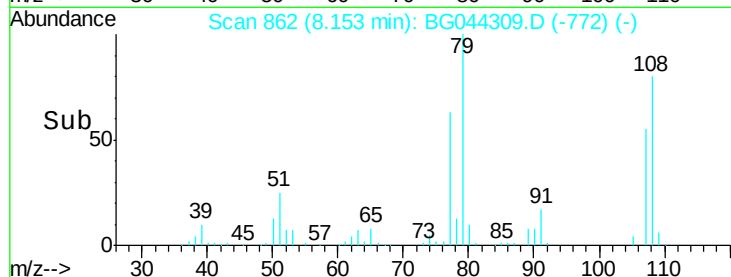
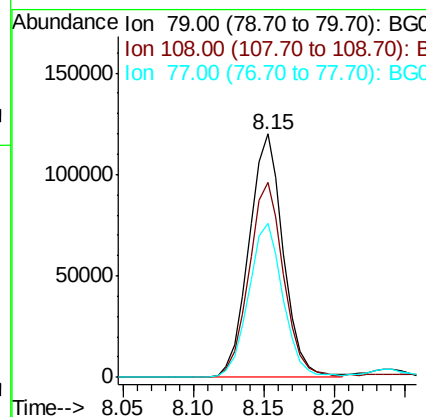
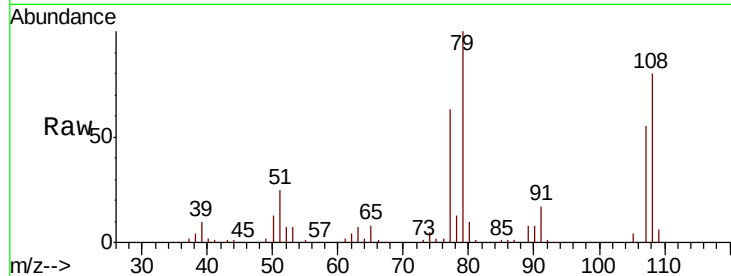
ClientSampleId :

SB-2MSD

Tot Ion:	79	Resp:	204064
Ion	Ratio	Lower	Upper
79	100		
108	80.2	68.3	102.5
77	63.1	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.836 ng

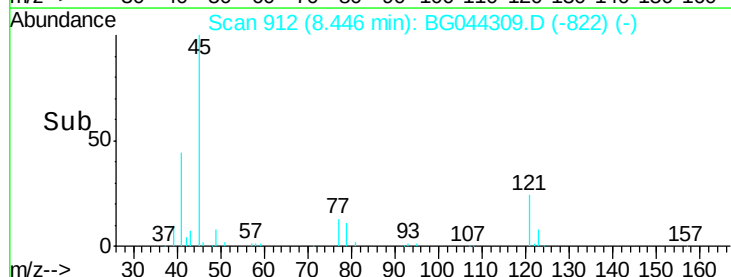
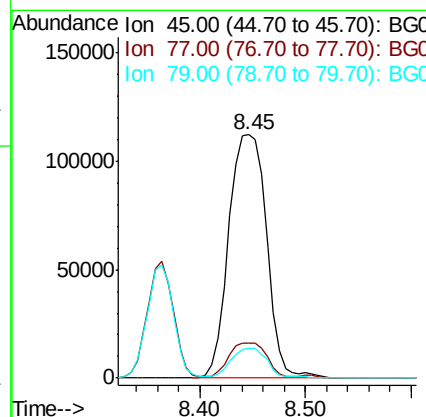
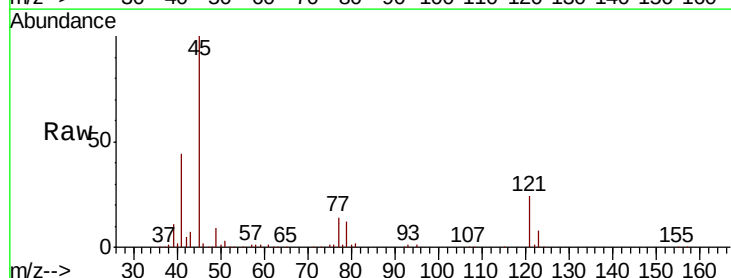
RT: 8.45 min Scan# 912

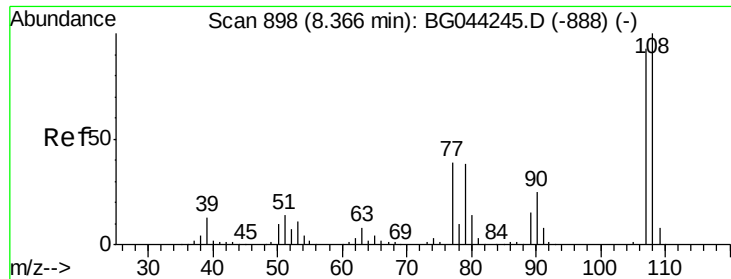
Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	45	Resp:	278111
Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	35.2
79	12.4	0.0	31.1





#17

2-Methylphenol

Concen: 54.935 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

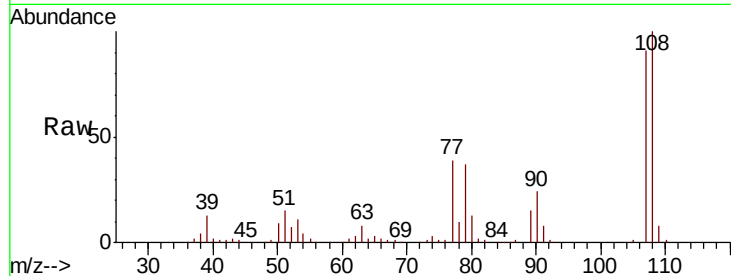
ClientSampleId :

SB-2MSD

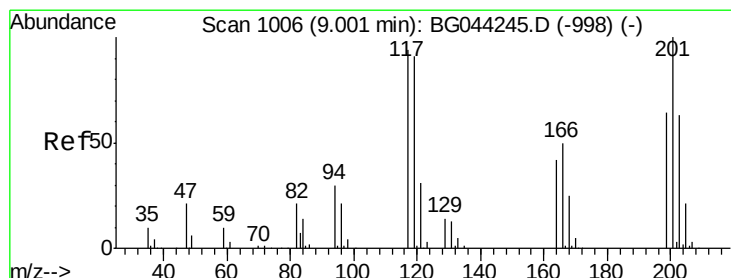
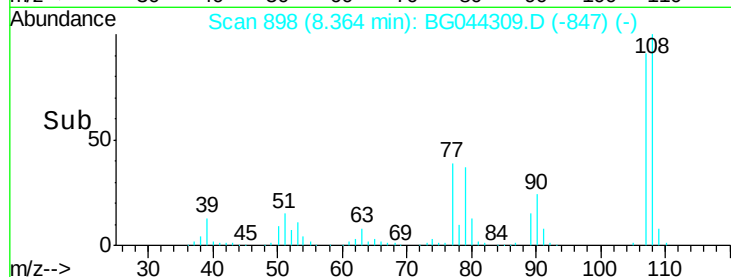
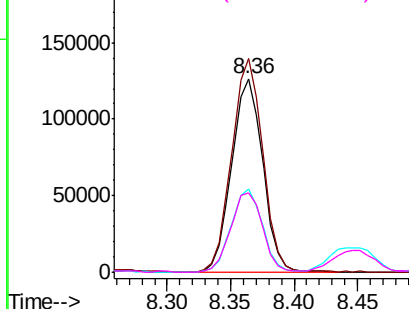
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	86.4	129.6	
77	42.8	34.0	51.0	
79	41.2	32.9	49.3	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.469 ng

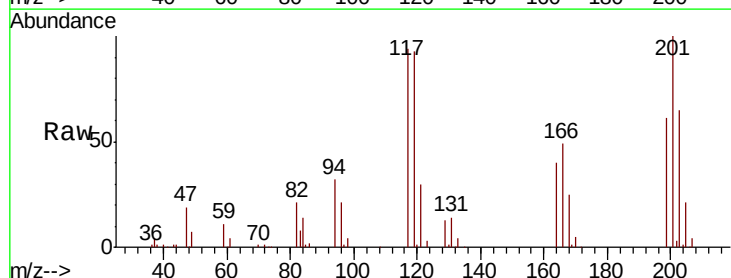
RT: 9.00 min Scan# 1006

Delta R.T. -0.00 min

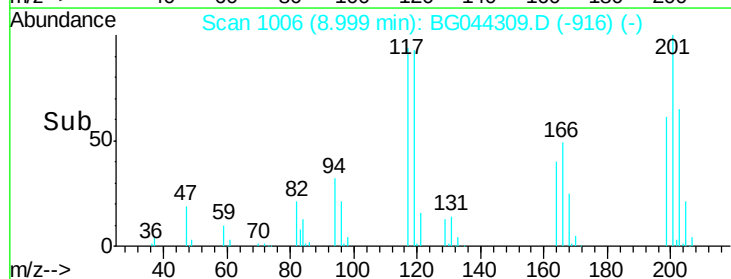
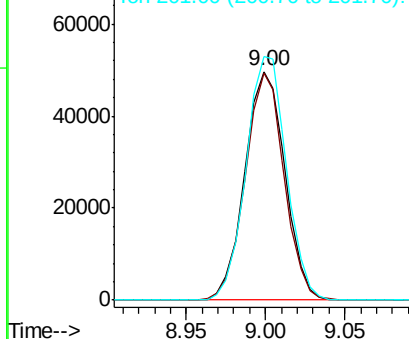
Lab File: BG044309.D

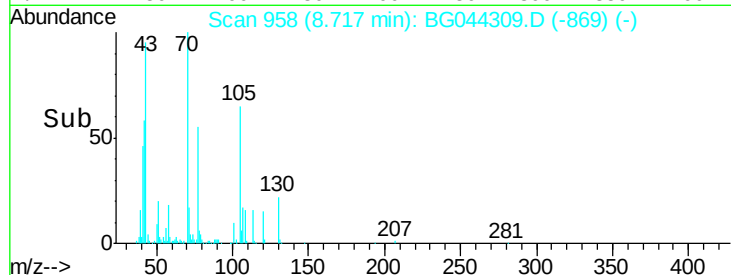
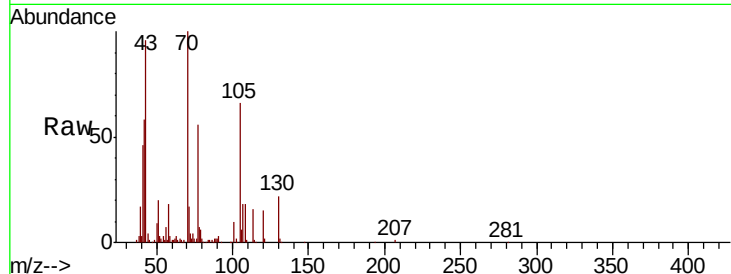
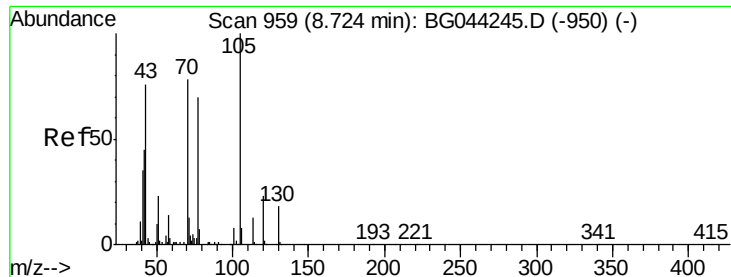
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.1	77.5	116.3	
201	106.6	84.9	127.3	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





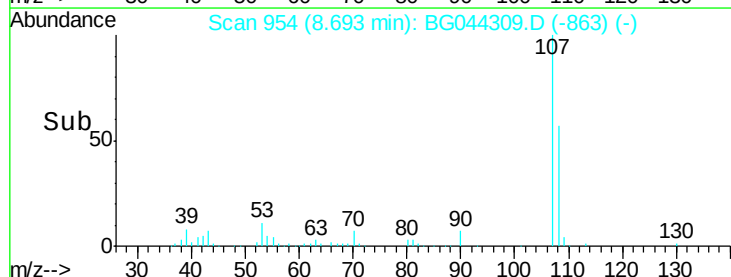
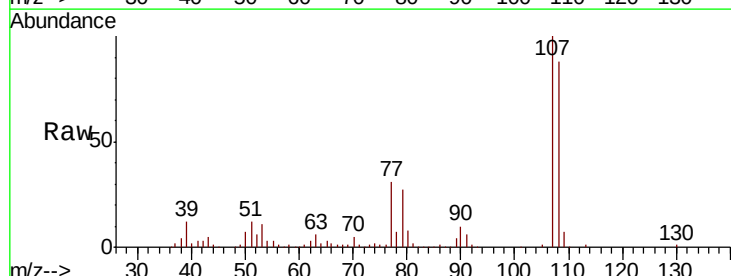
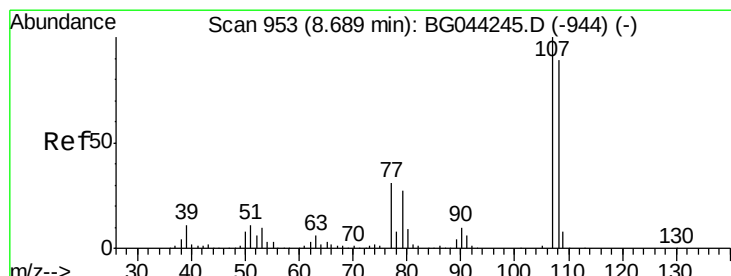
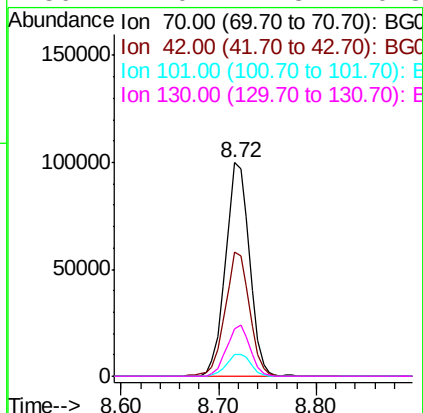
#19
n-Nitroso-di-n-propylamine
Concen: 46.023 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.2	69.2
101	10.5	8.4	12.6
130	22.0	17.8	26.8

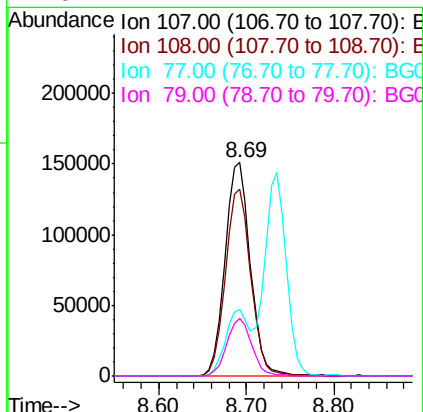
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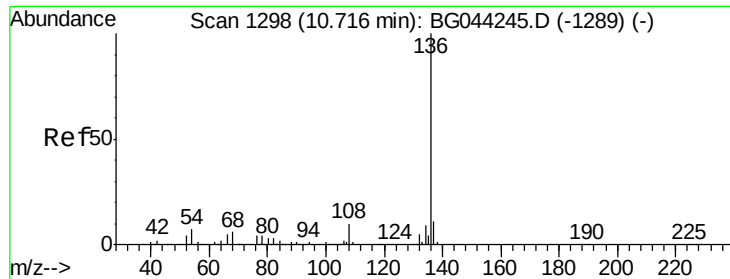
mohammad
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#20
3+4-Methylphenols
Concen: 55.493 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.5	108.5
77	31.0	10.9	50.9
79	27.2	7.1	47.1





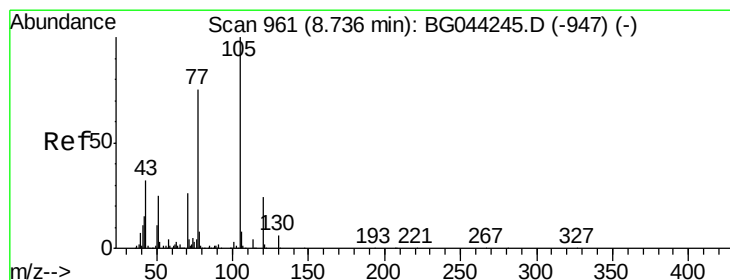
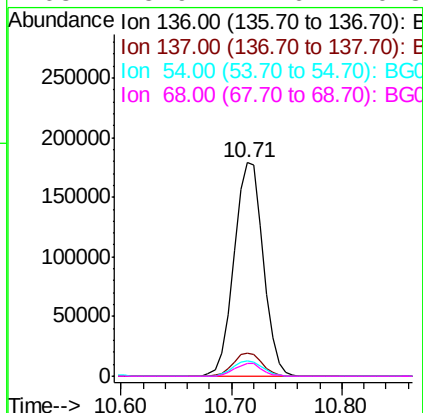
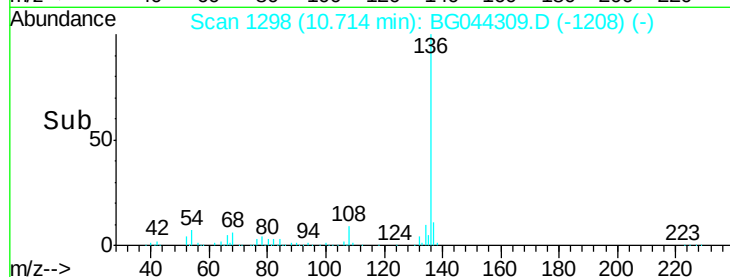
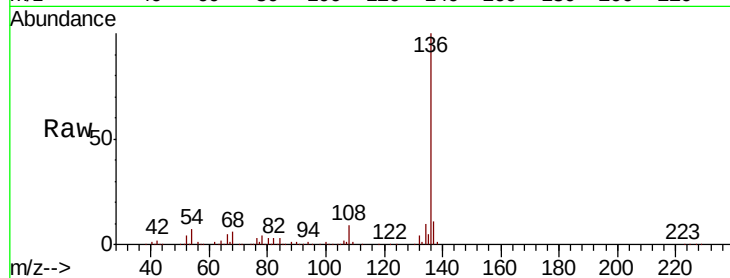
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		331561		
137	11.0	8.8	13.2		
54	7.1	5.8	8.8		
68	5.9	4.6	6.8		

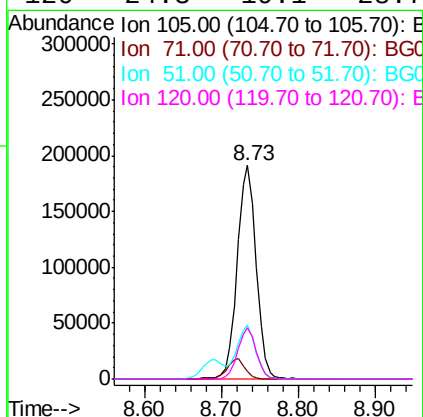
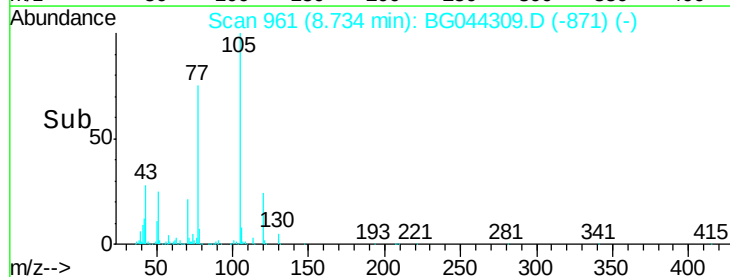
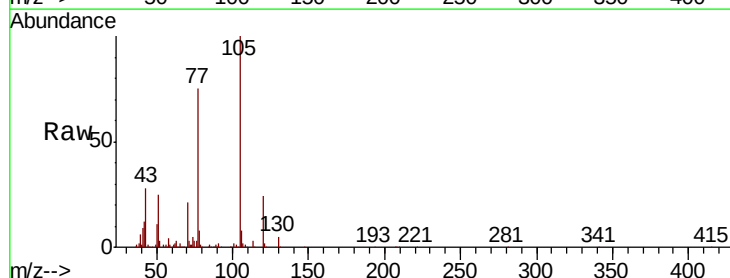
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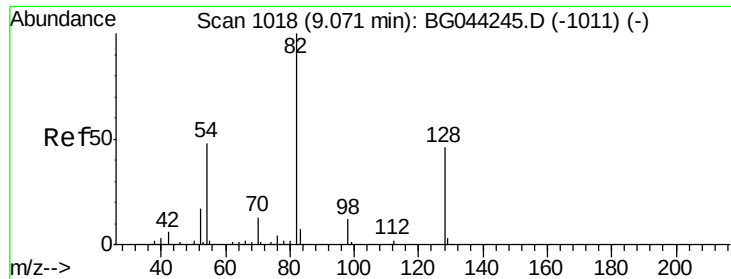
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#22
Acetophenone
Concen: 40.955 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		330337		
71	3.5	3.4	5.0		
51	25.0	20.2	30.4		
120	24.3	19.1	28.7		





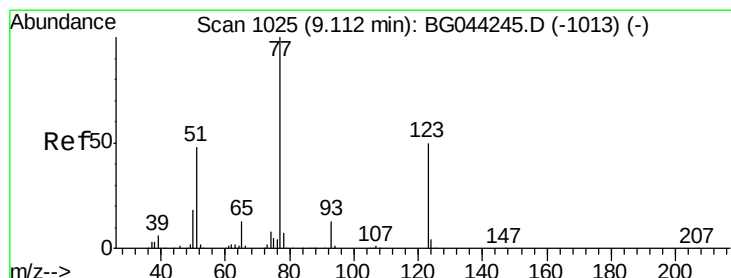
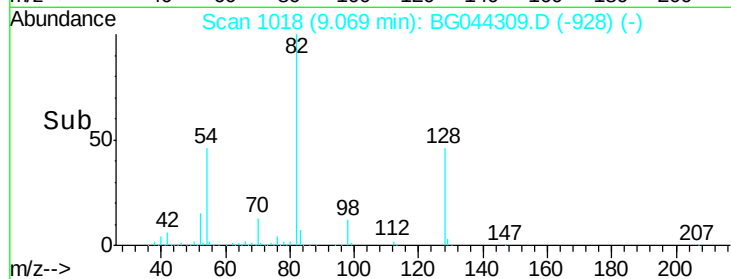
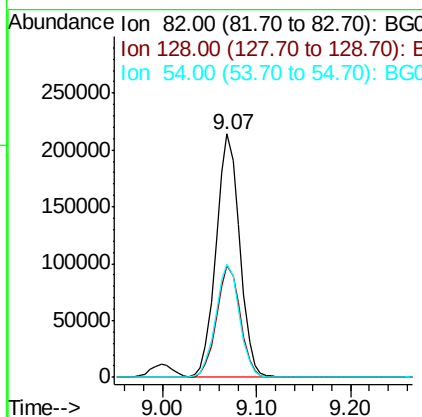
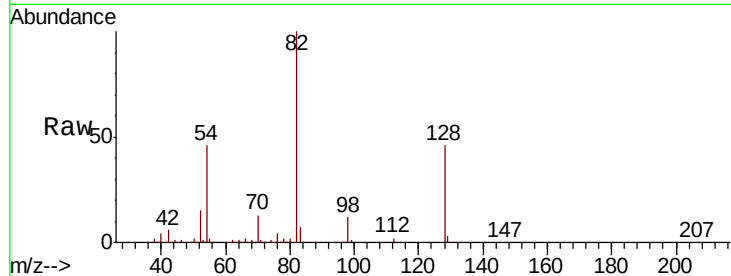
#23
Nitrobenzene-d5
Concen: 64.148 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.5	54.7
54	46.3	38.6	58.0

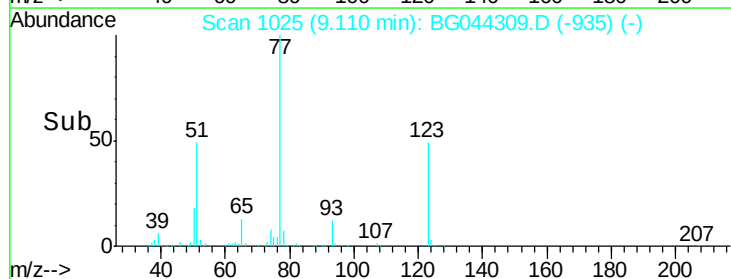
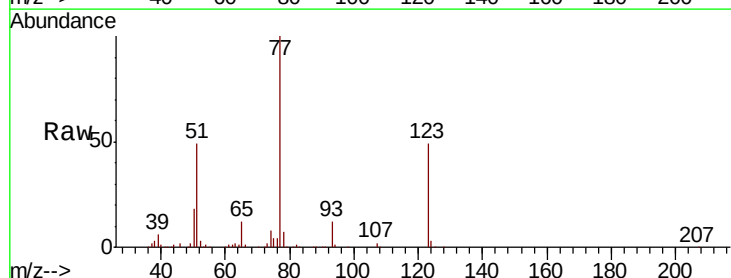
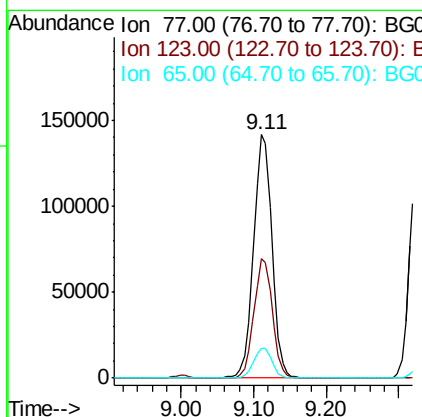
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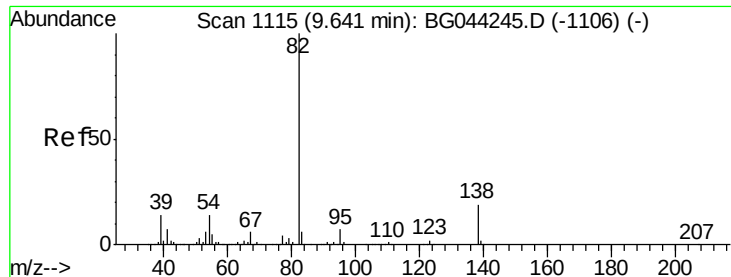
mohammad
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#24
Nitrobenzene
Concen: 43.699 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.9	59.9
65	12.5	10.4	15.6





#25

Isophorone

Concen: 44.552 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

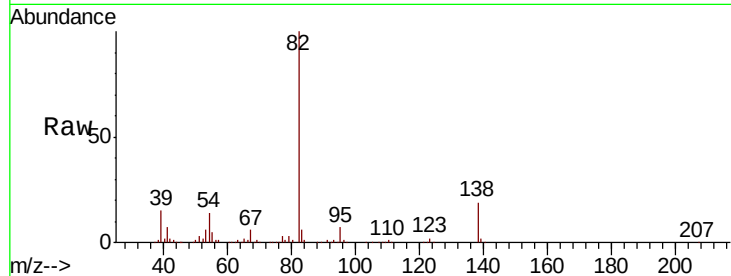
ClientSampleId :

SB-2MSD

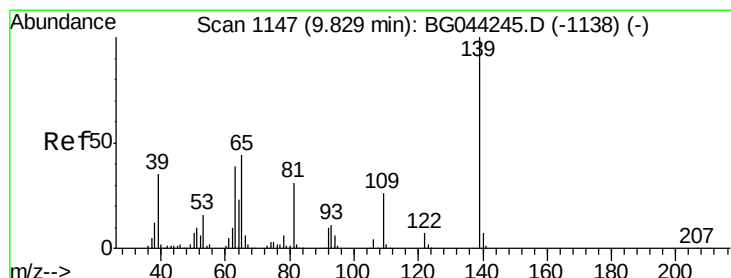
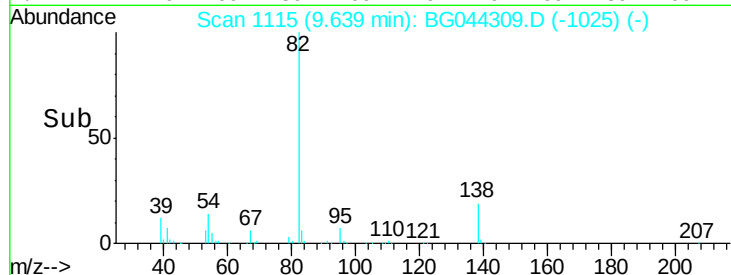
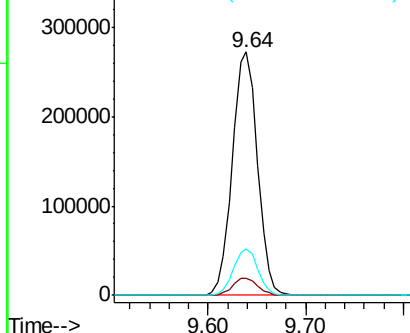
Tot Ion:	82	Resp:	487684
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.3	15.0	22.4

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 46.804 ng

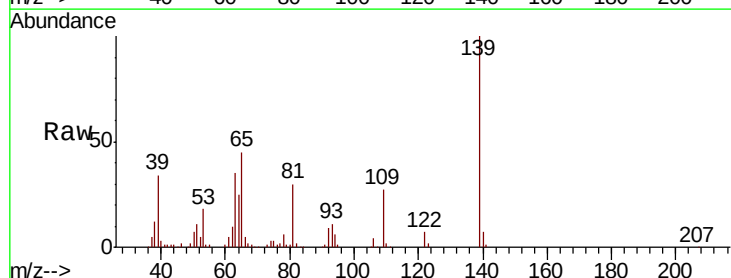
RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

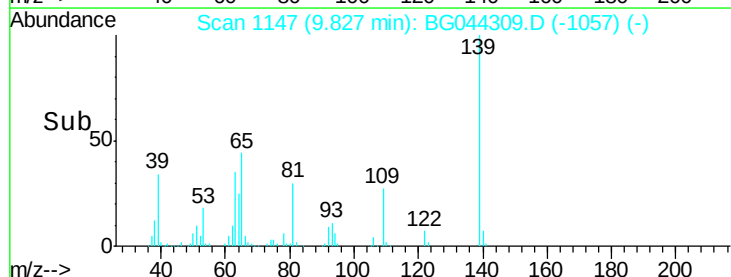
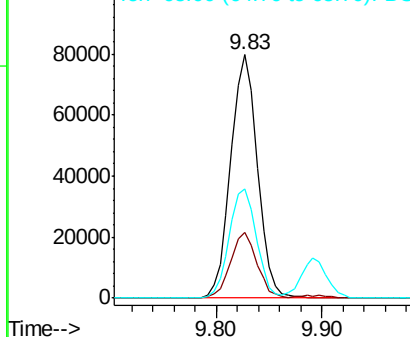
Lab File: BG044309.D

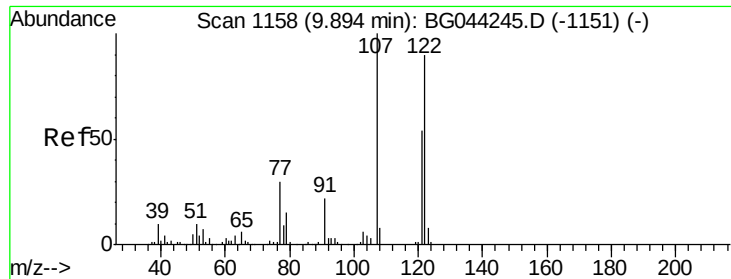
Acq: 5 Feb 2020 18:06

Tgt Ion:	139	Resp:	139241
Ion Ratio	Lower	Upper	
139	100		
109	27.0	21.0	31.4
65	44.7	35.0	52.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





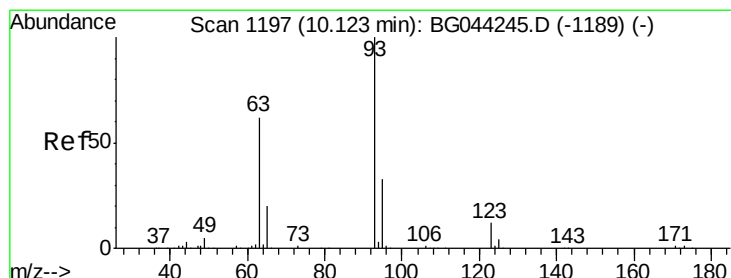
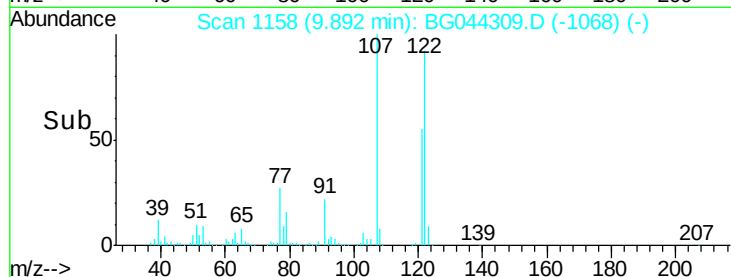
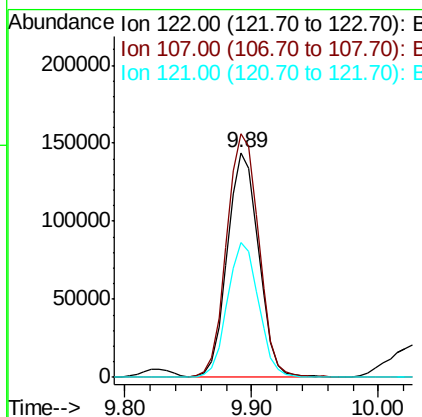
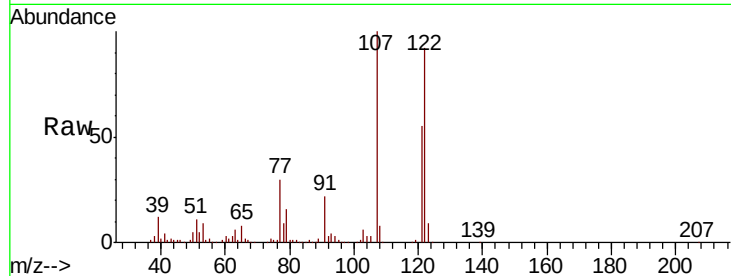
#27
2,4-Dimethylphenol
Concen: 58.014 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	243629		
107	108.3	88.8	133.2	
121	59.8	48.3	72.5	

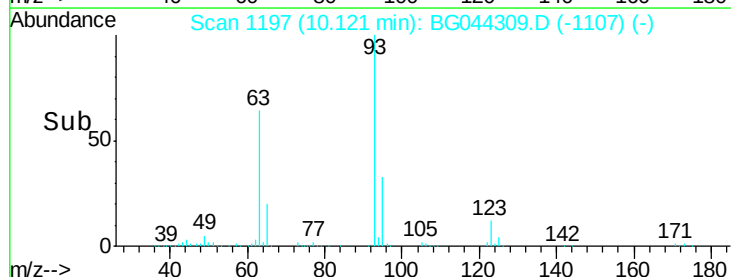
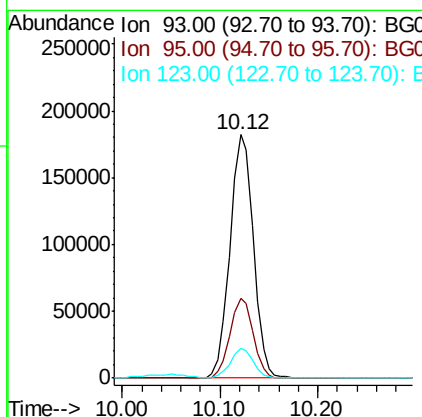
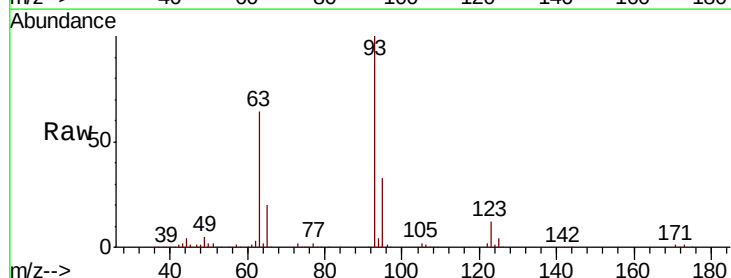
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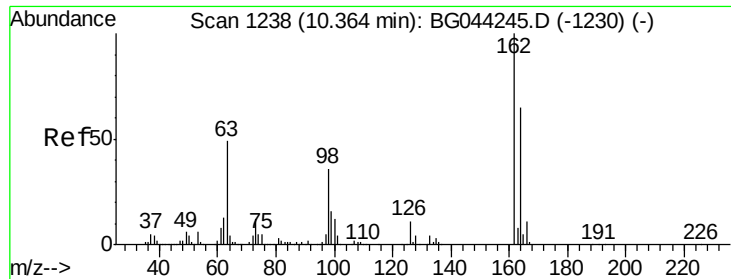
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#28
bis(2-Chloroethoxy)methane
Concen: 41.587 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	303678		
95	32.6	26.6	40.0	
123	12.2	10.0	15.0	





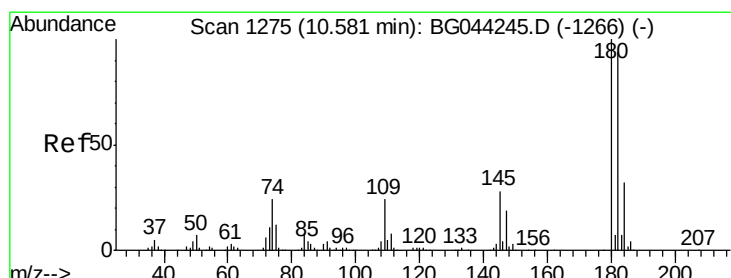
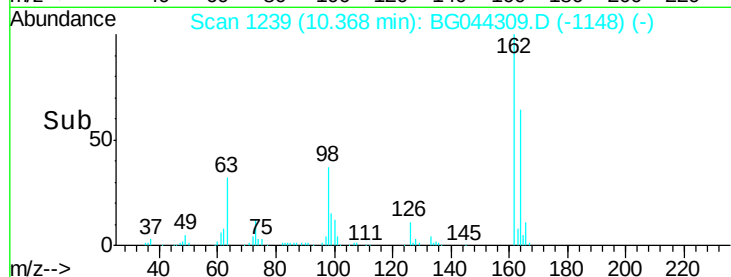
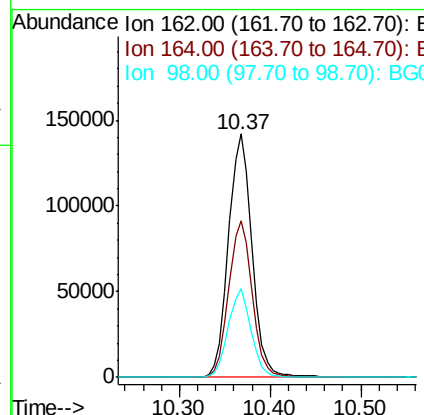
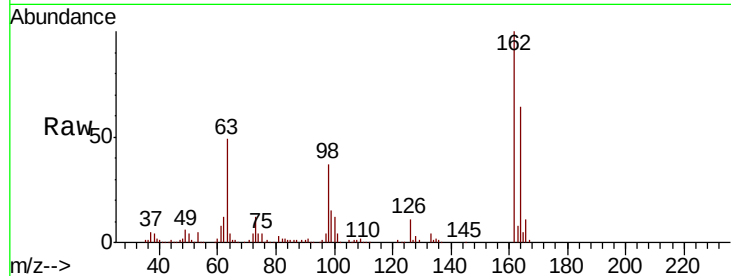
#29
2,4-Dichlorophenol
Concen: 50.399 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	44.7	84.7
98	36.5	15.8	55.8

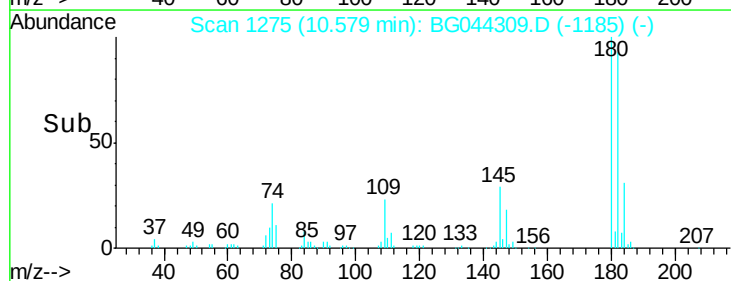
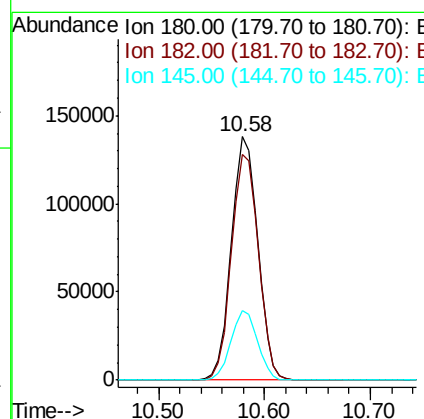
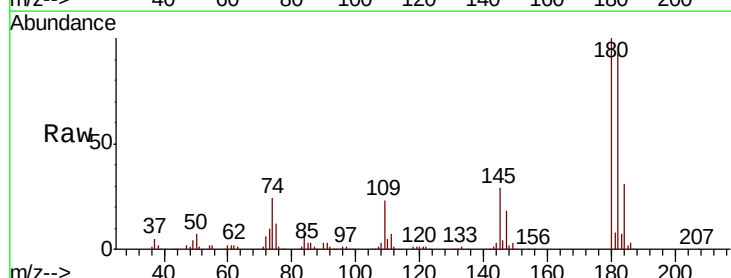
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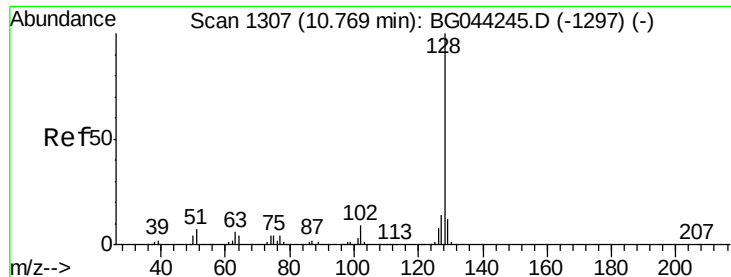
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#30
1,2,4-Trichlorobenzene
Concen: 40.885 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.7	75.5	113.3
145	28.8	22.6	34.0





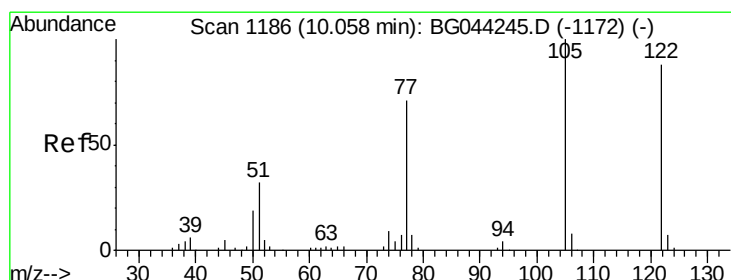
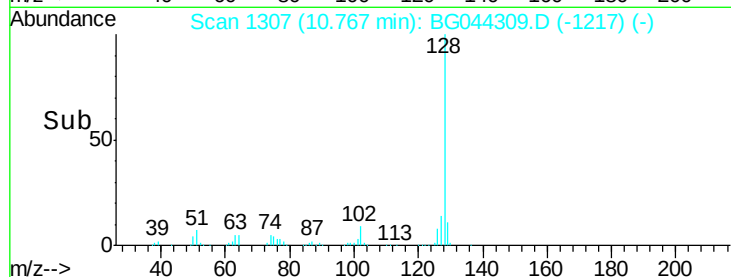
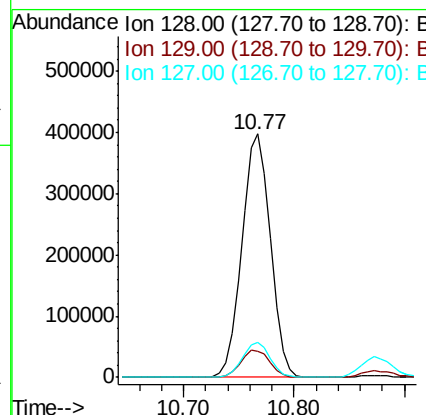
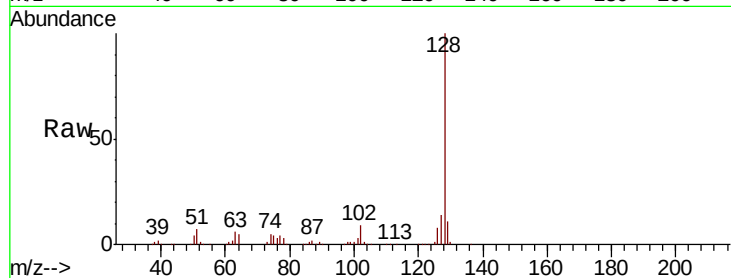
#31
Naphthalene
Concen: 44.836 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	14.1	11.6	17.4

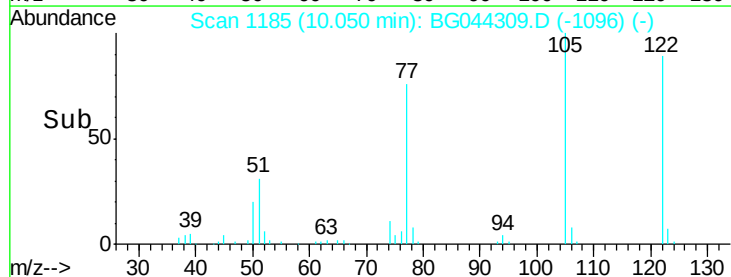
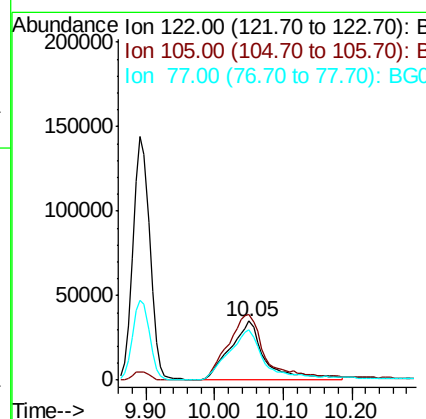
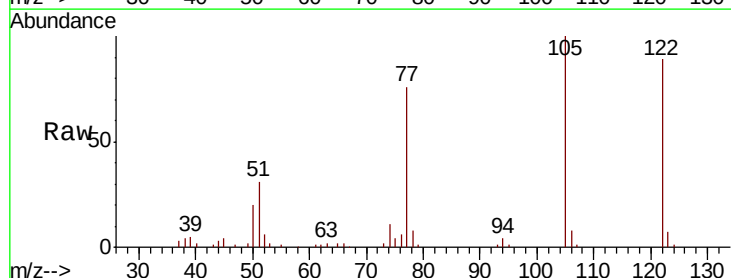
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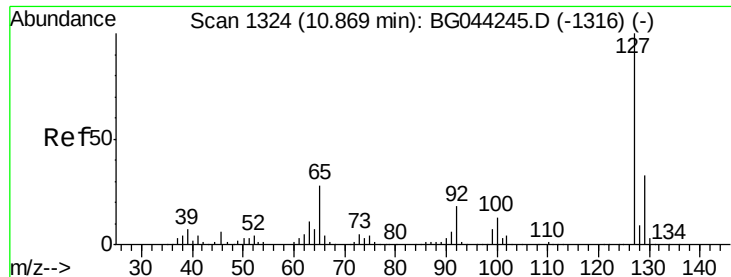
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#32
Benzoic acid
Concen: 44.947 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.0	93.5	133.5
77	85.0	61.0	101.0





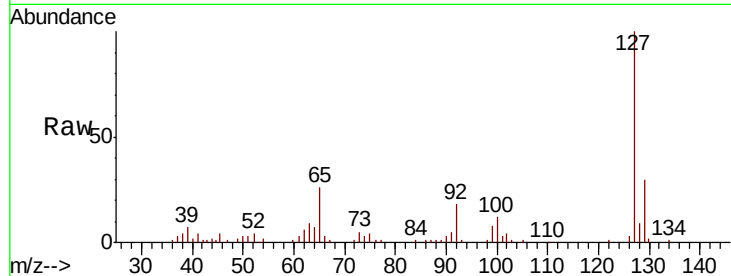
#33
4-Chloroaniline
Concen: 9.818 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

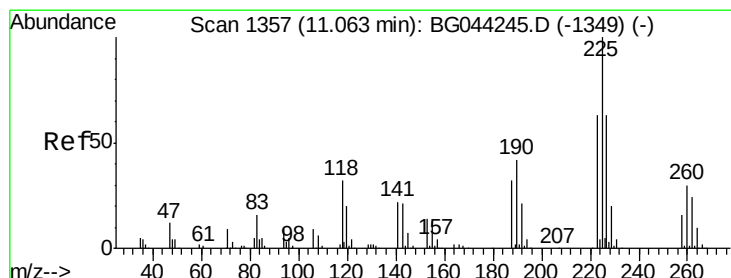
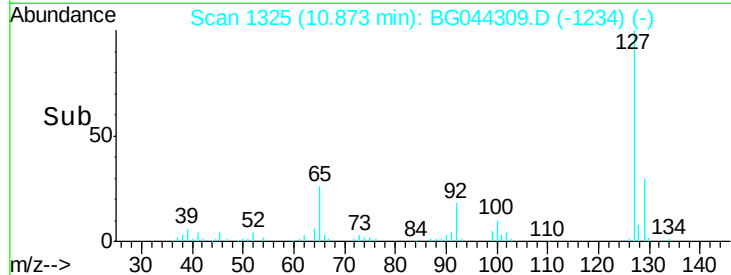
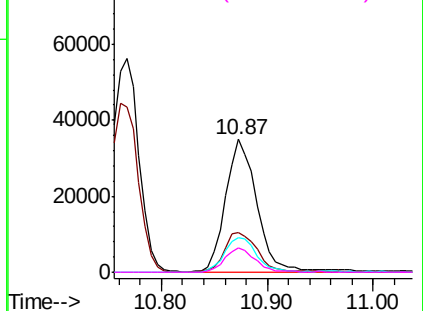
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		71832		
129	30.3	26.6	40.0		
65	25.9	22.5	33.7		
92	18.4	14.1	21.1		

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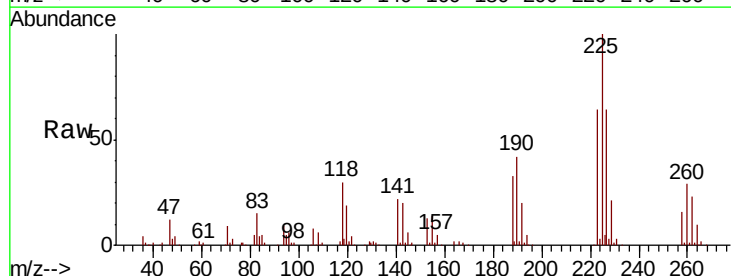


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

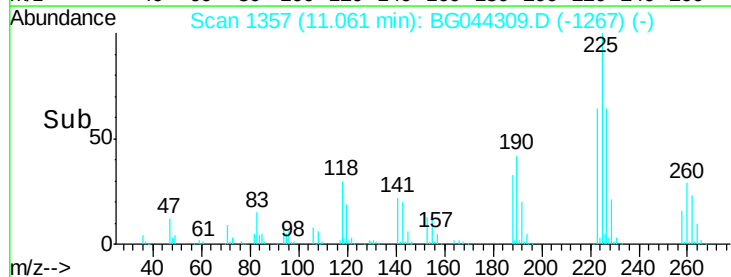
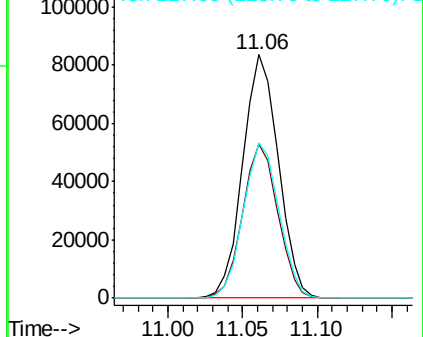


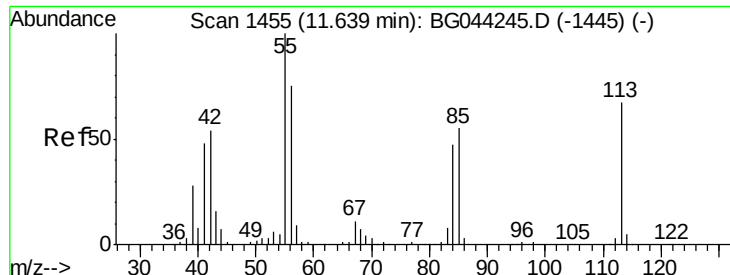
#34
Hexachlorobutadiene
Concen: 38.520 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		138007		
223	63.5	50.2	75.4		
227	63.8	50.8	76.2		



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





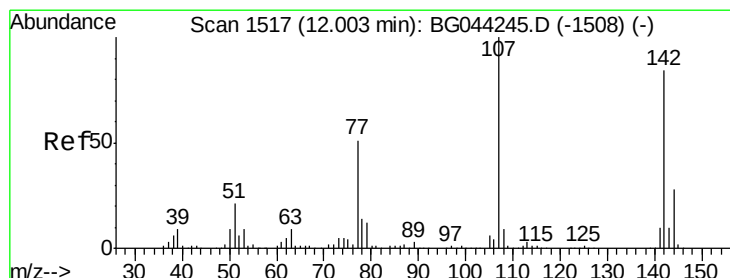
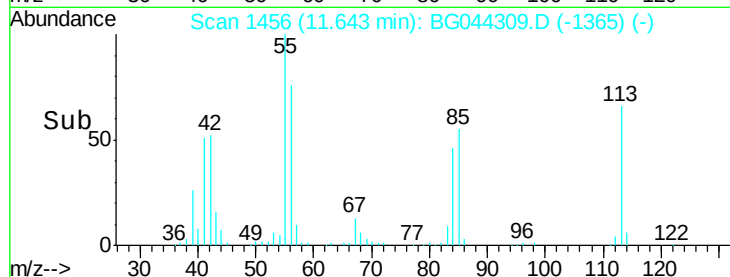
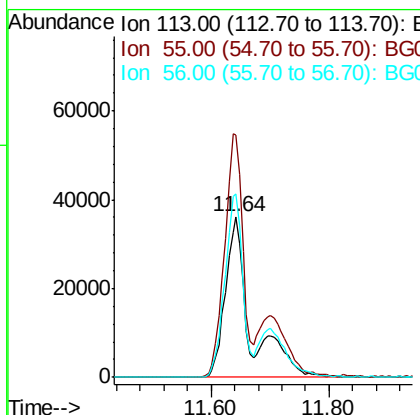
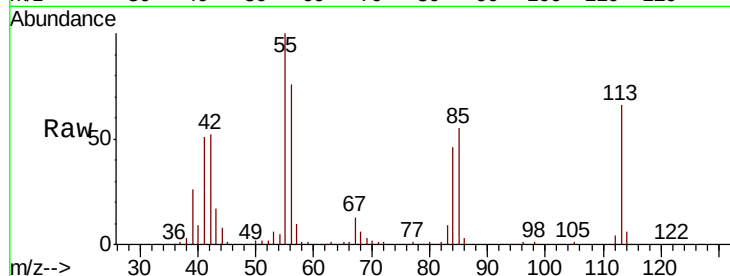
#35
Caprolactam
Concen: 57.042 ng/ml
RT: 11.64 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.2	129.9	169.9
56	114.3	92.5	132.5

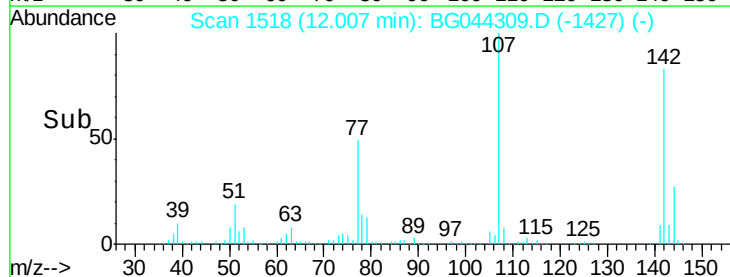
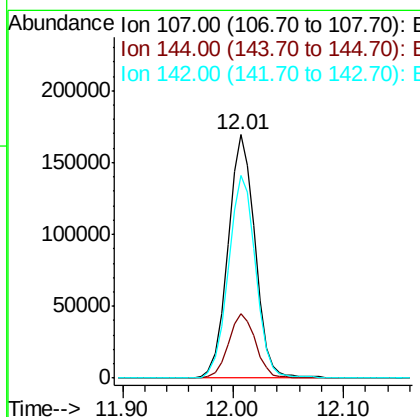
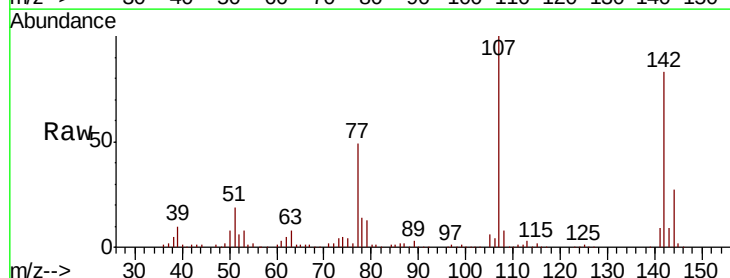
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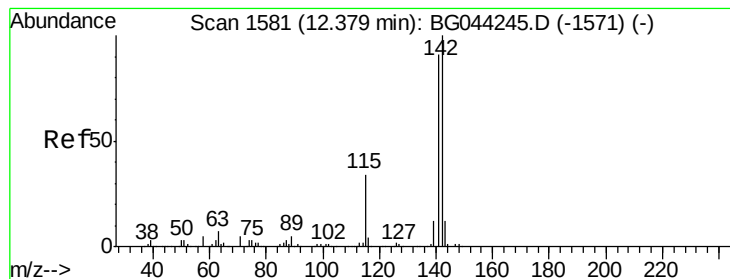
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#36
4-Chloro-3-methylphenol
Concen: 54.561 ng/ml
RT: 12.01 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	22.2	33.4
142	83.4	67.4	101.0





#37

2-Methylnaphthalene

Concen: 46.245 ng

RT: 12.38 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

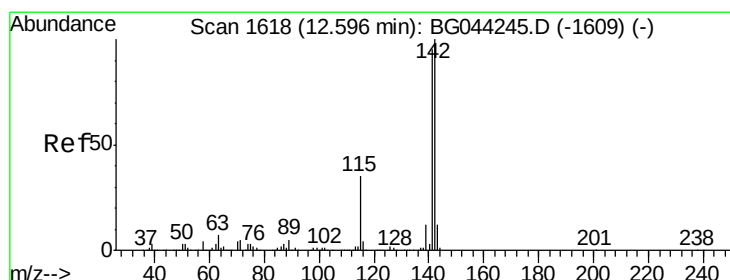
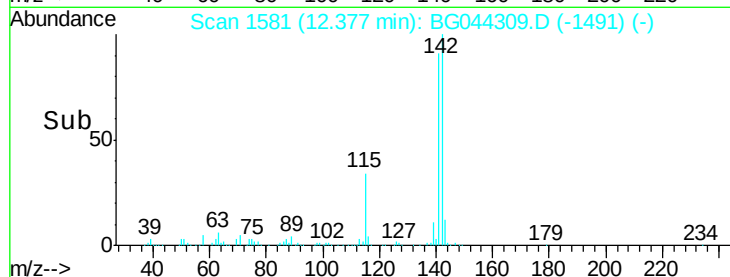
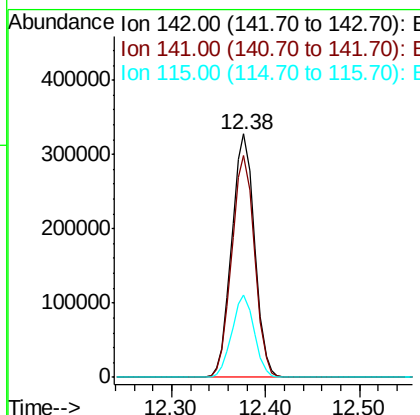
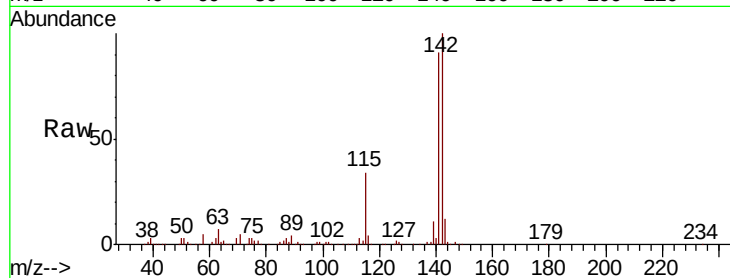
ClientSampleId :

SB-2MSD

Tot Ion:	142	Resp:	552333
Ion Ratio	Lower	Upper	
142	100		
141	90.9	73.2	109.8
115	34.0	27.1	40.7

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#38

1-Methylnaphthalene

Concen: 46.796 ng

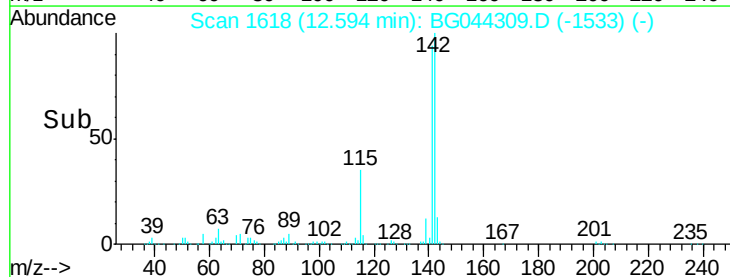
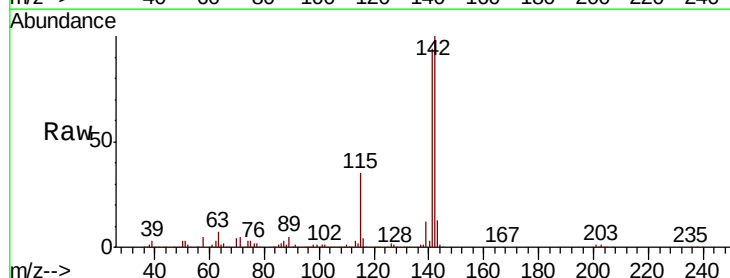
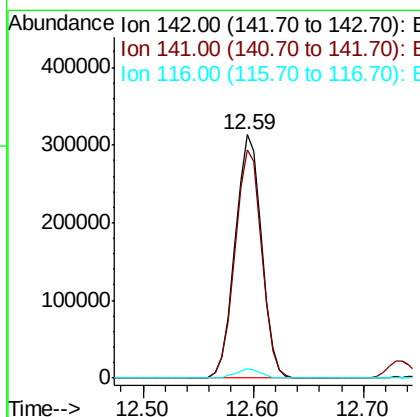
RT: 12.59 min Scan# 1618

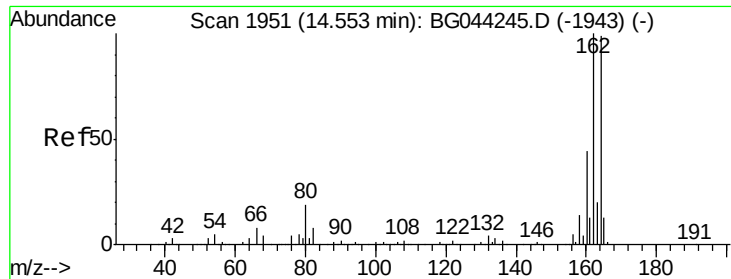
Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	142	Resp:	526944
Ion Ratio	Lower	Upper	
142	100		
141	93.8	75.8	113.6
116	3.7	3.1	4.7





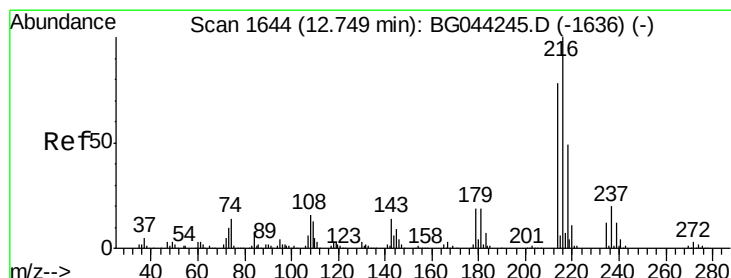
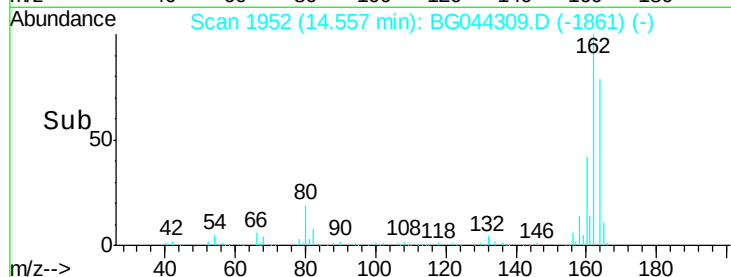
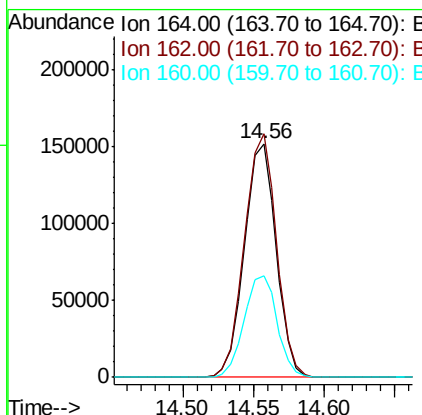
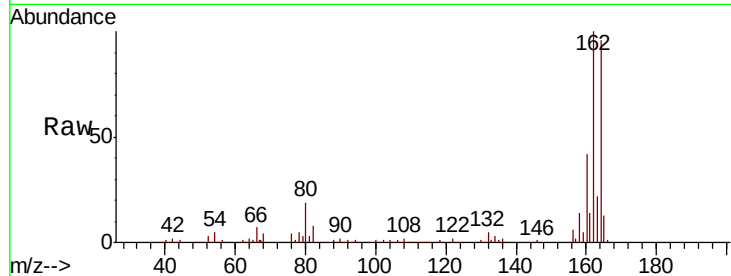
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	43.4	35.3	52.9

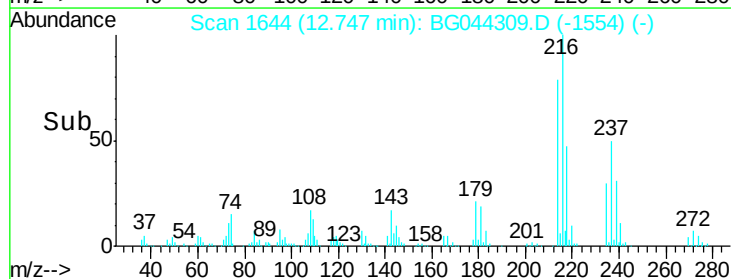
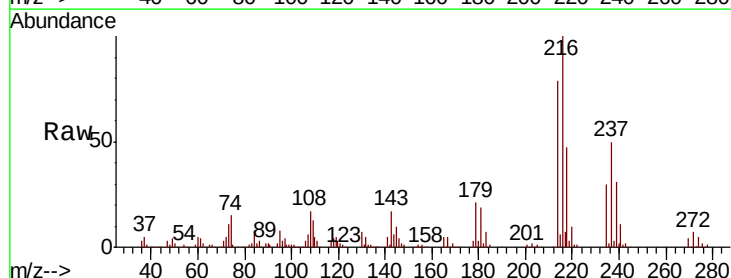
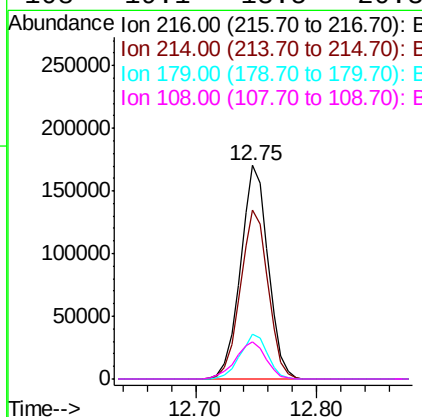
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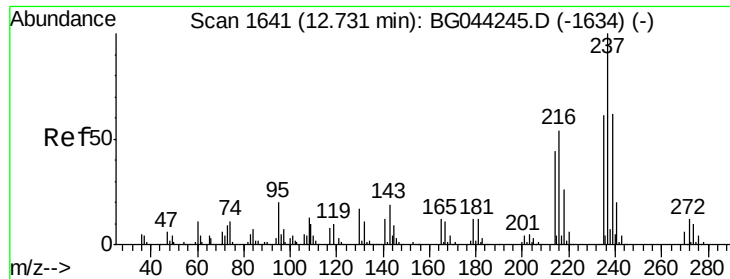
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.676 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.6
179	21.0	16.2	24.4
108	19.1	13.5	20.3





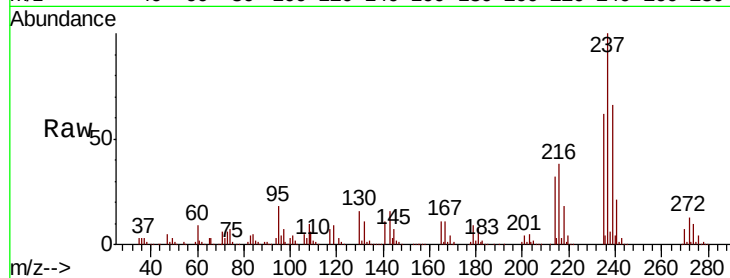
#41
Hexachlorocyclopentadiene
Concen: 88.454 ng
RT: 12.74 min Scan# 1642
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

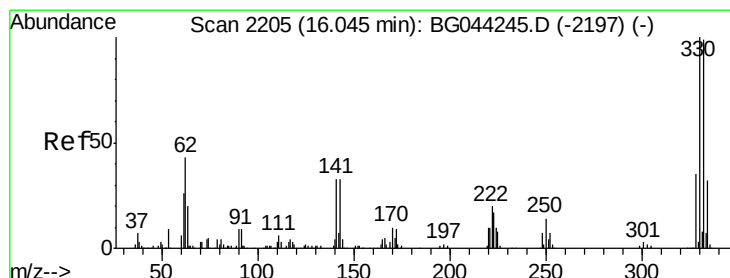
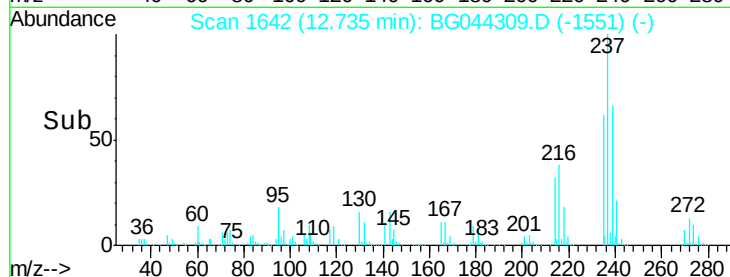
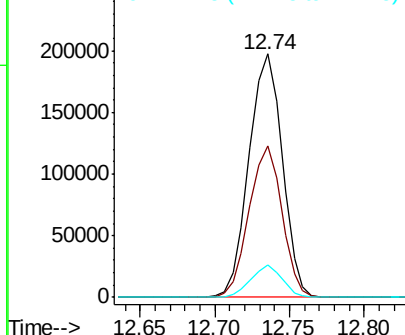
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.2	41.2	81.2
272	13.3	0.0	32.4

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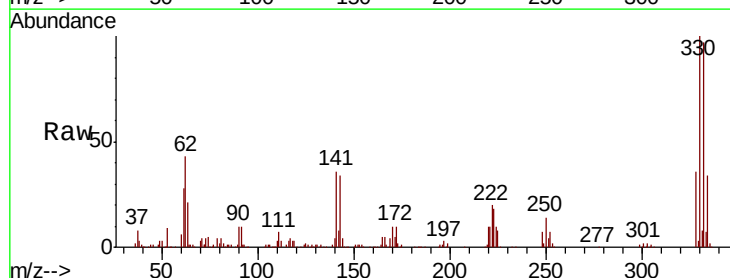


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

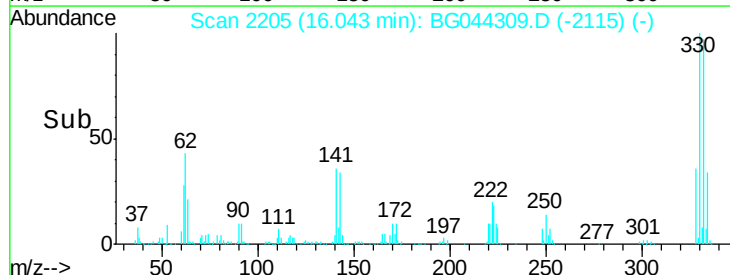
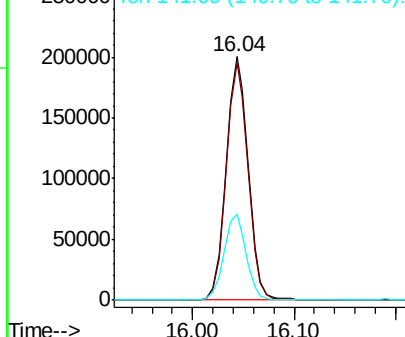


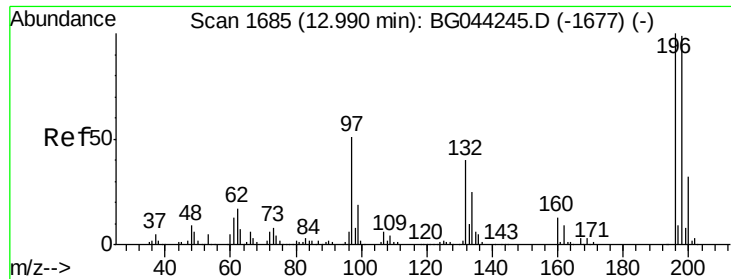
#42
2,4,6-Tribromophenol
Concen: 106.893 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	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





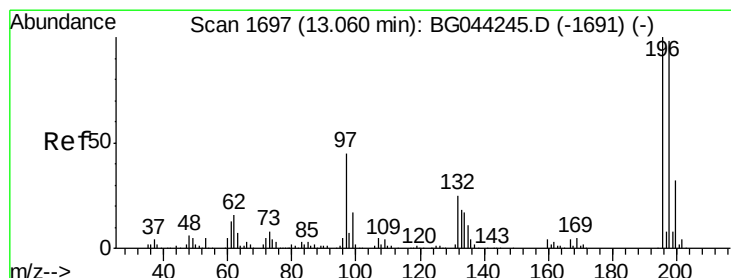
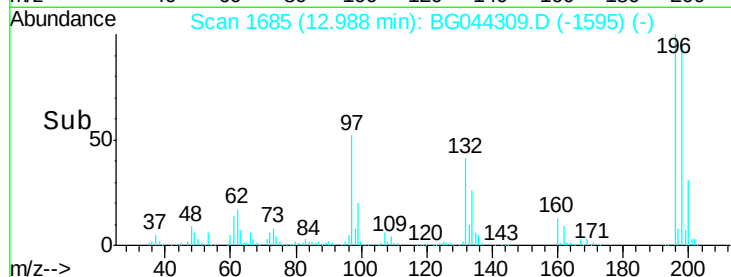
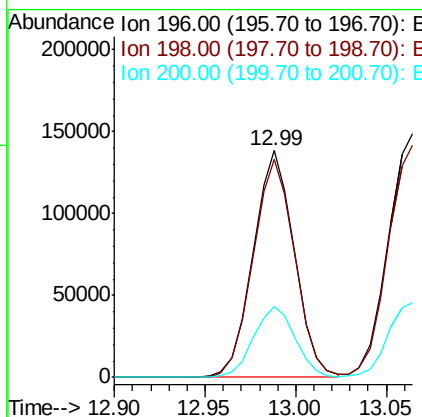
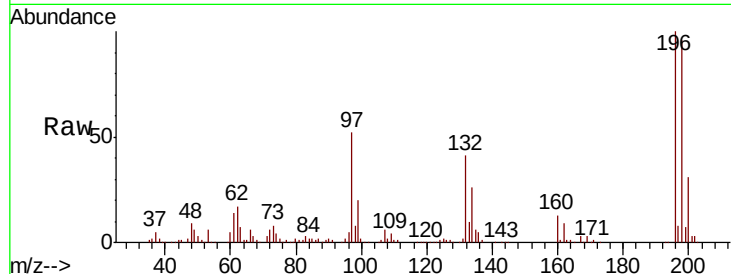
#43
 2,4,6-Trichlorophenol
 Concen: 46.837 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampled :
 SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217429		
198	96.3	79.3	118.9	
200	31.3	25.7	38.5	

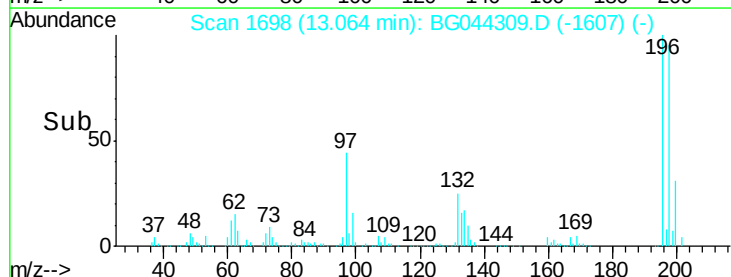
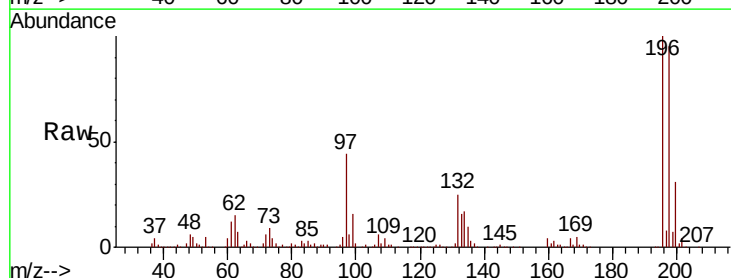
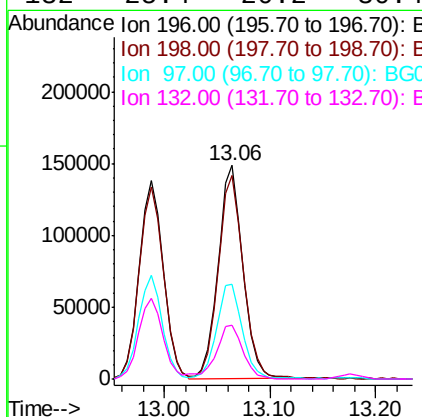
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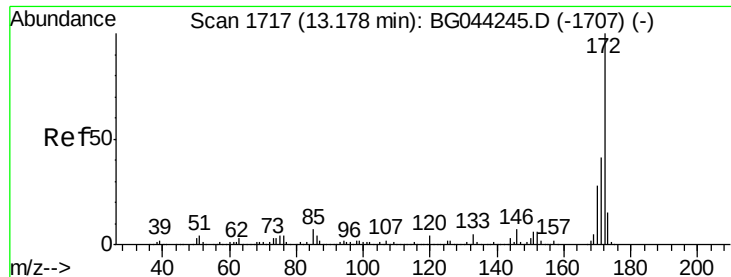
mohammad
 2/6/2020 2:19:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.026 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241946		
198	95.4	78.2	117.2	
97	44.2	36.2	54.4	
132	25.4	20.2	30.4	





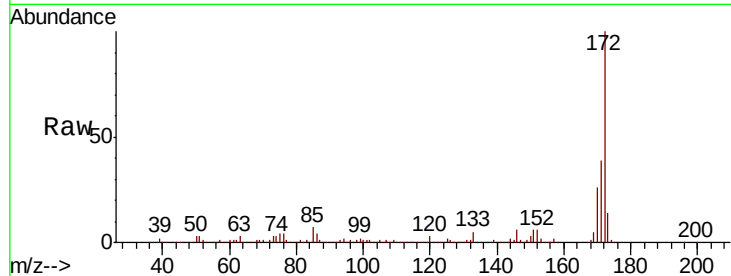
#45
2-Fluorobiphenyl
Concen: 62.903 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

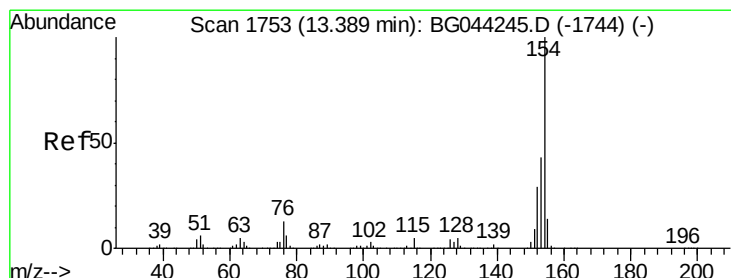
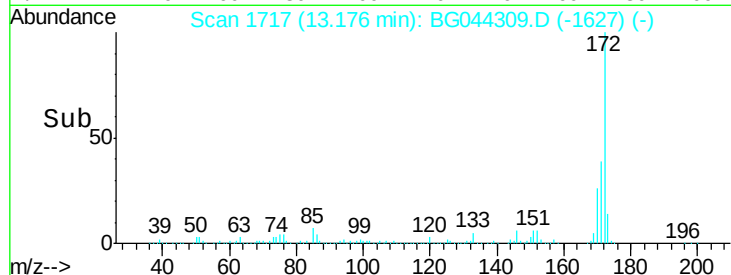
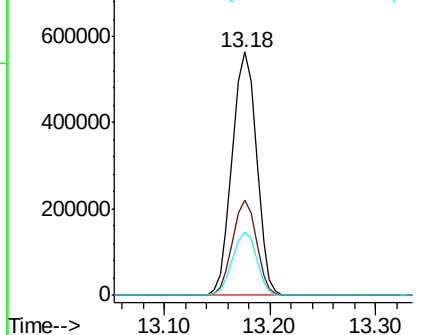
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.1	22.0	33.0

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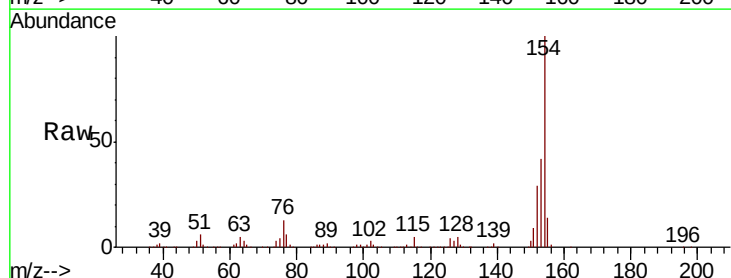


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

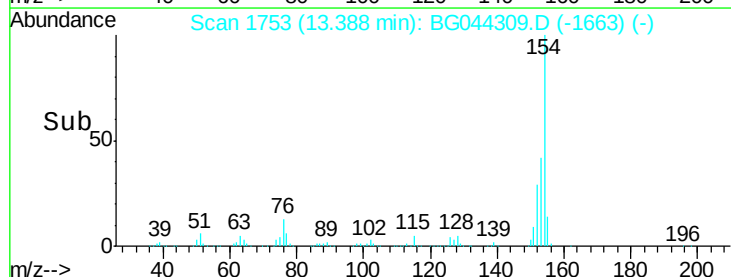
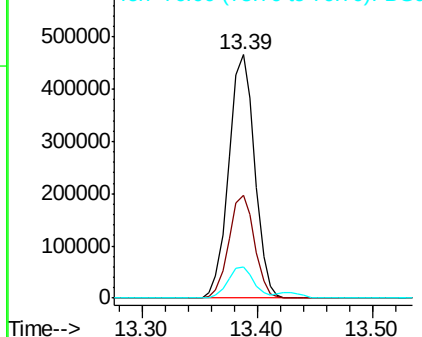


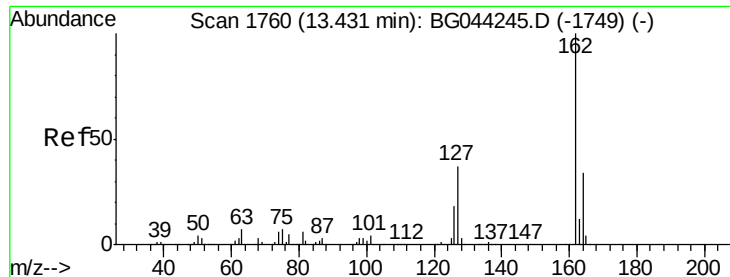
#46
1,1'-Biphenyl
Concen: 41.624 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	12.8	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG0





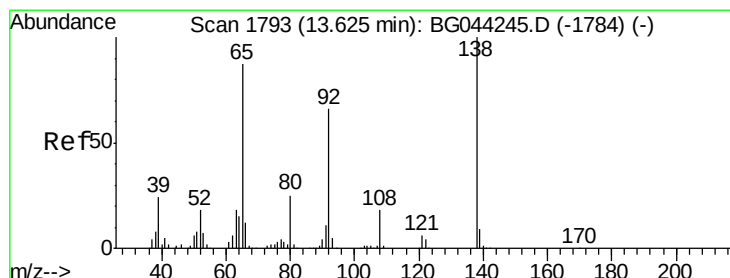
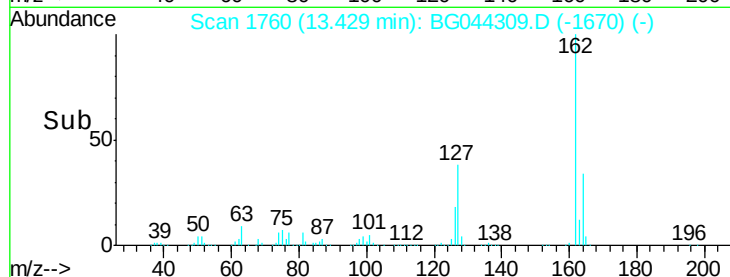
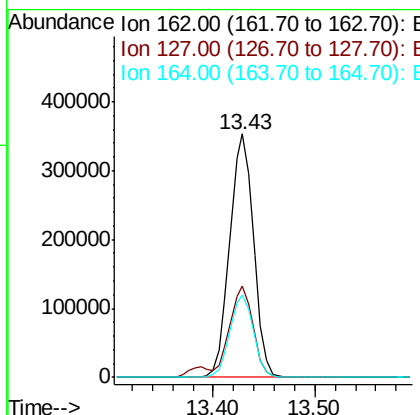
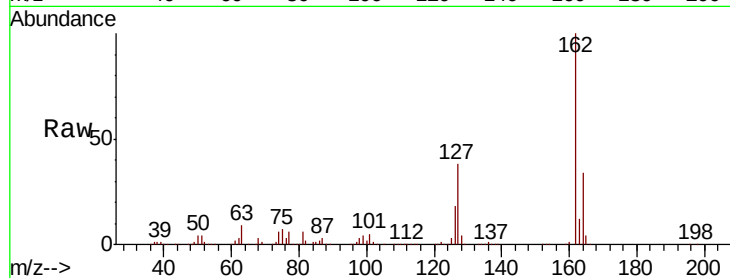
#47
2-Chloronaphthalene
Concen: 41.686 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	33.7	27.2	40.8

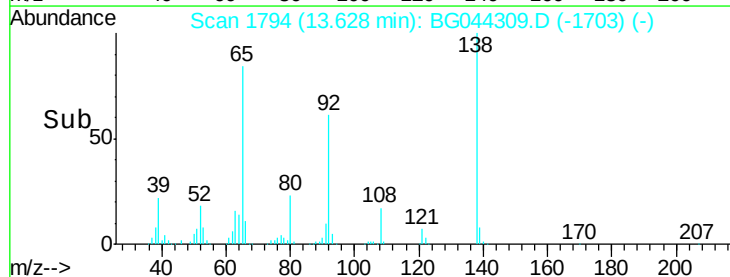
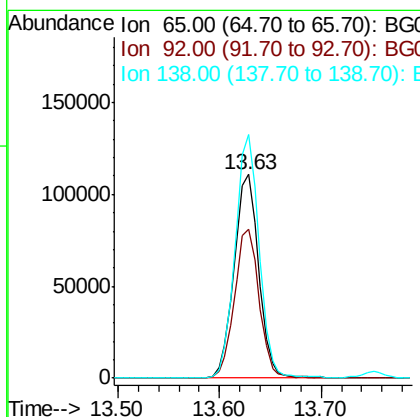
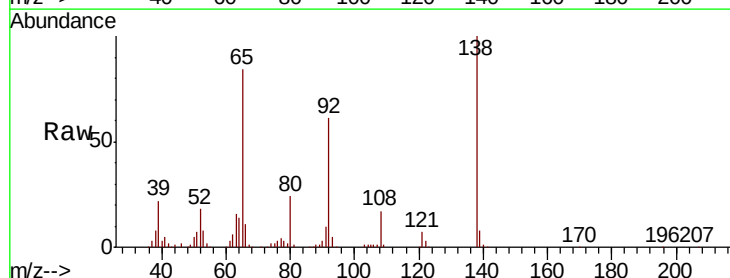
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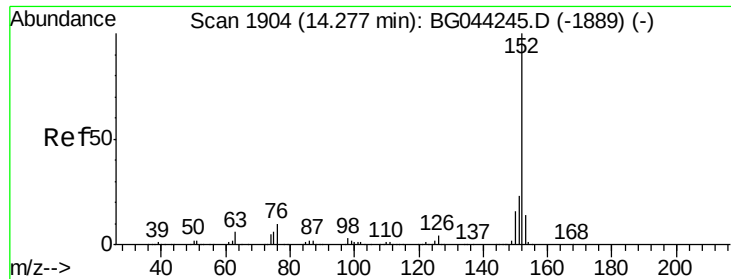
mohammad
2/6/2020 2:19:30 PM



#48
2-Nitroaniline
Concen: 46.118 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	60.3	90.5
138	119.5	91.9	137.9





#49

Acenaphthylene

Concen: 46.343 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

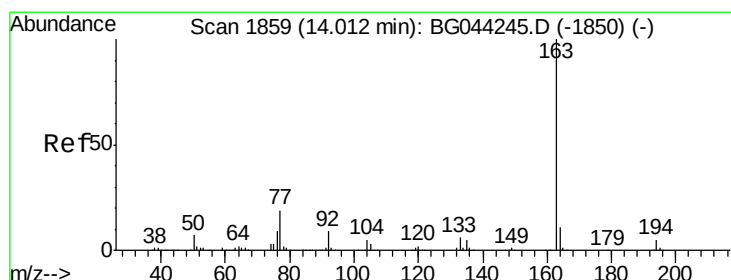
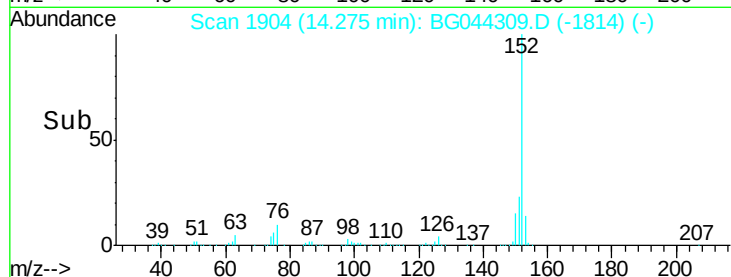
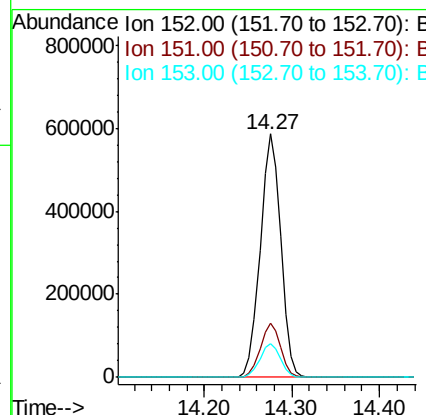
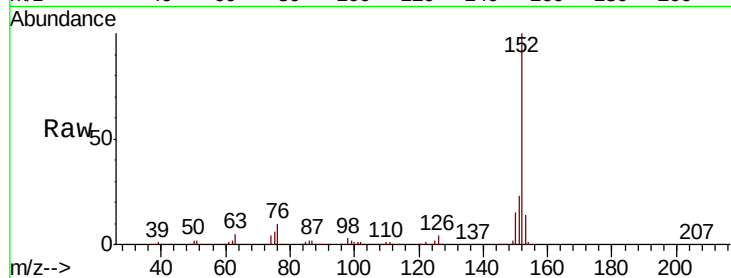
ClientSampleId :

SB-2MSD

Tot Ion:	152	Resp:	936730
Ion Ratio	Lower	Upper	
152	100		
151	22.5	18.1	27.1
153	13.9	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.962 ng

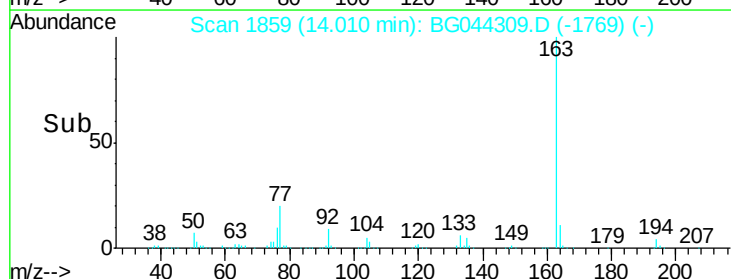
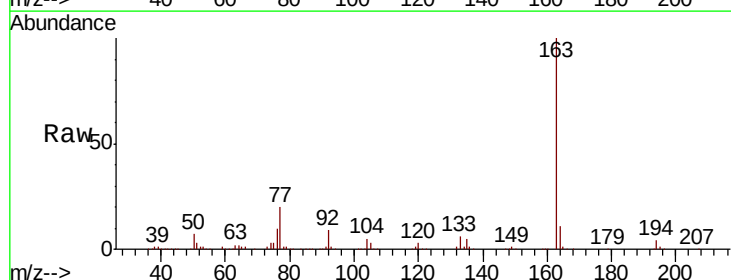
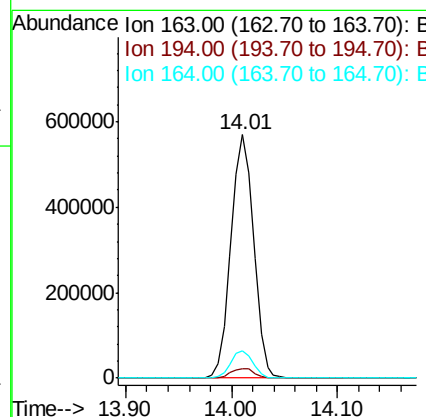
RT: 14.01 min Scan# 1859

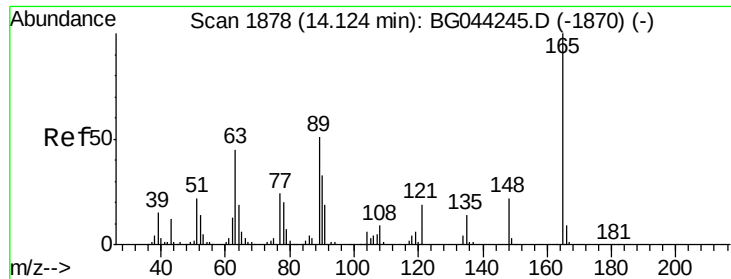
Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	163	Resp:	845022
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	11.0	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 46.693 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

Tot Ion:165 Resp: 179680

Ion Ratio Lower Upper

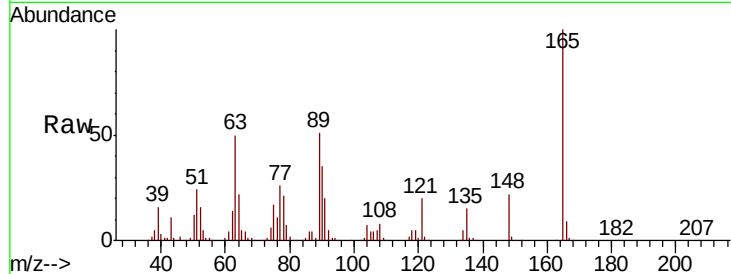
165 100

63 49.6 38.7 58.1

89 51.2 40.4 60.6

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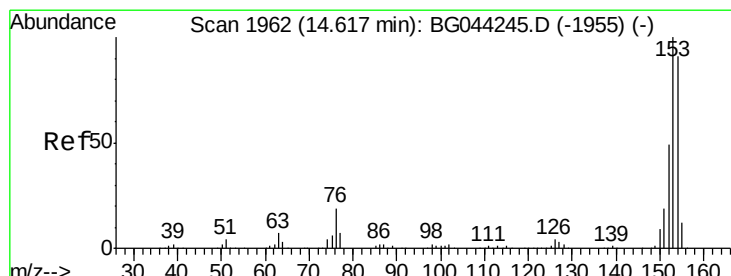
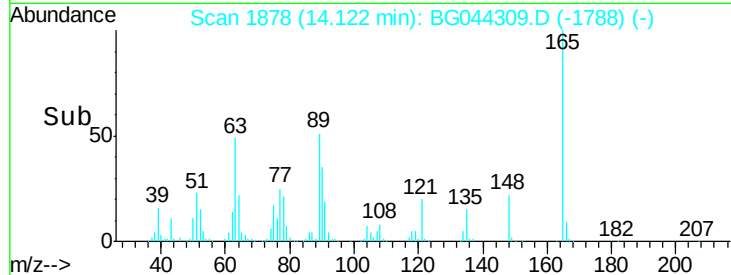
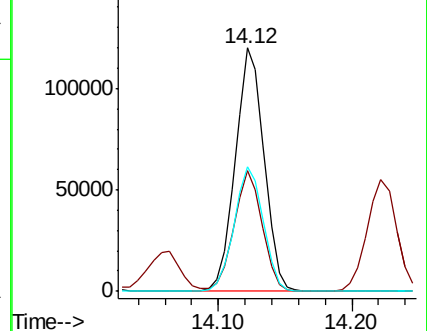
mohammad
2/6/2020 2:19:30 PM



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



#52

Acenaphthene

Concen: 44.152 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

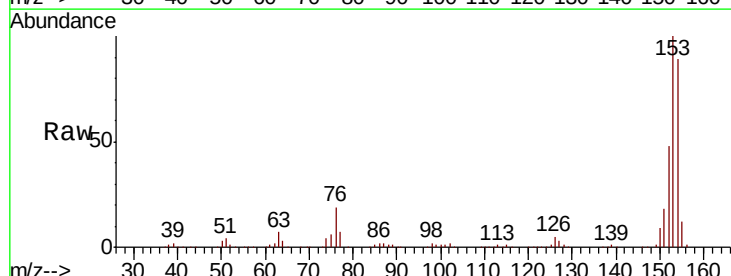
Tgt Ion:154 Resp: 578458

Ion Ratio Lower Upper

154 100

153 111.9 87.9 131.9

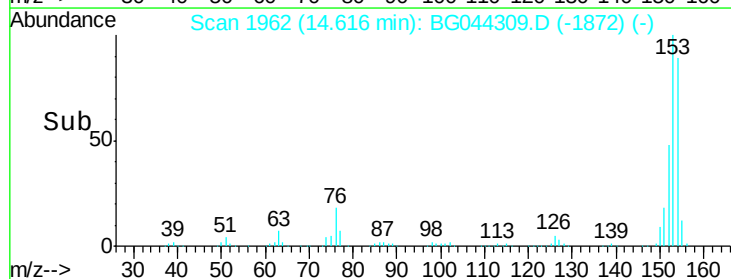
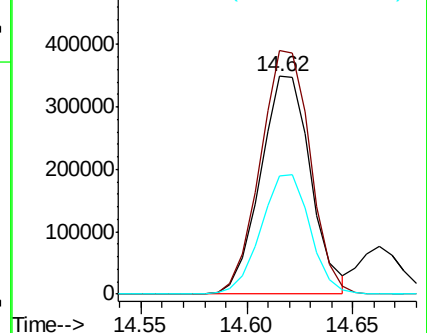
152 54.0 43.1 64.7

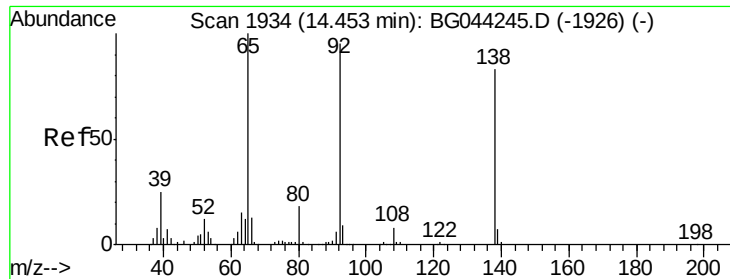


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





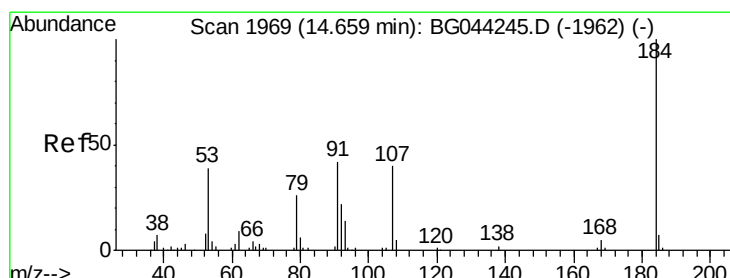
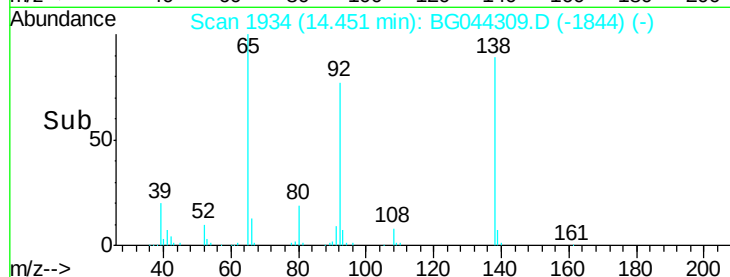
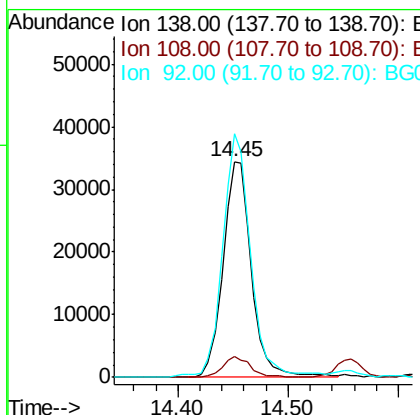
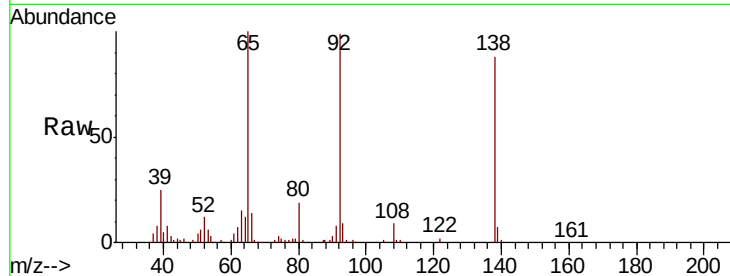
#53
 3-Nitroaniline
 Concen: 14.505 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampled :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	112.7	91.0	136.4

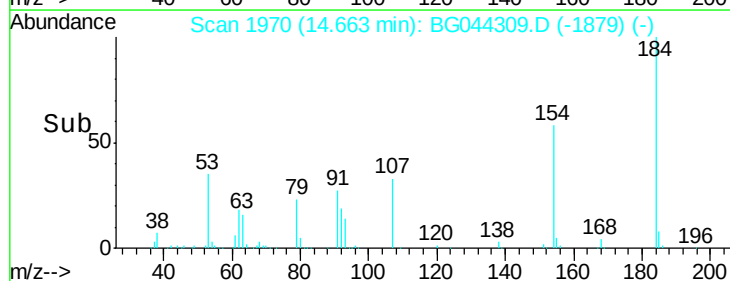
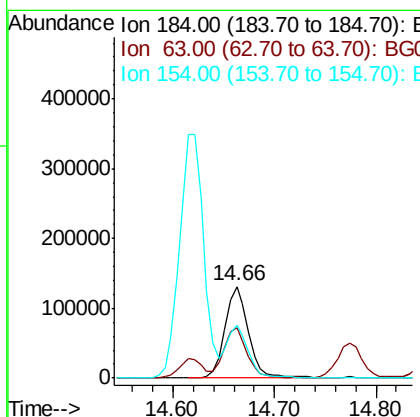
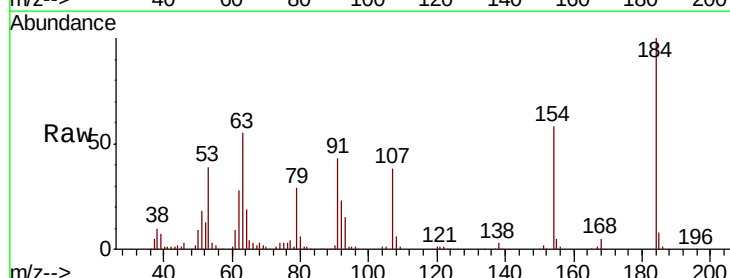
Manual Integrations
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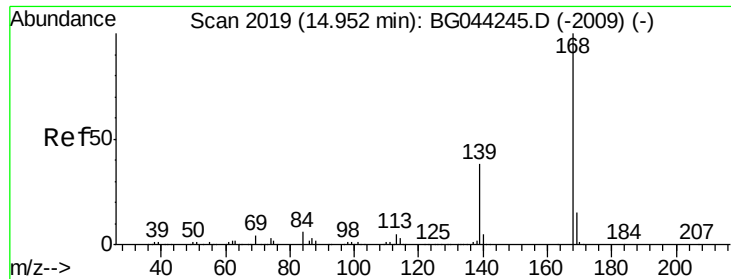
mohammad
 2/6/2020 2:19:30 PM



#54
 2,4-Dinitrophenol
 Concen: 91.893 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.7	44.1	66.1
154	58.3	45.4	68.0





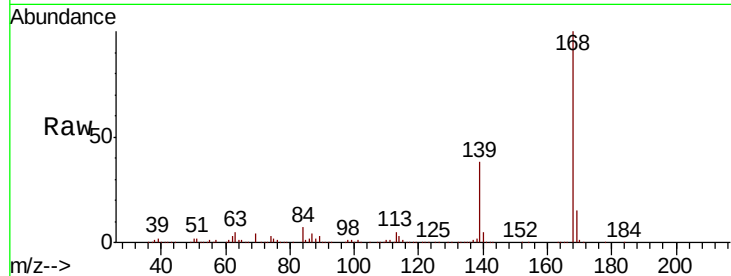
#55
Dibenzenofuran
Concen: 45.777 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.5	45.7
169	14.9	11.7	17.5

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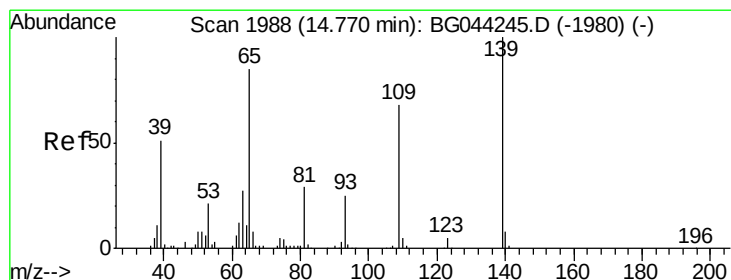
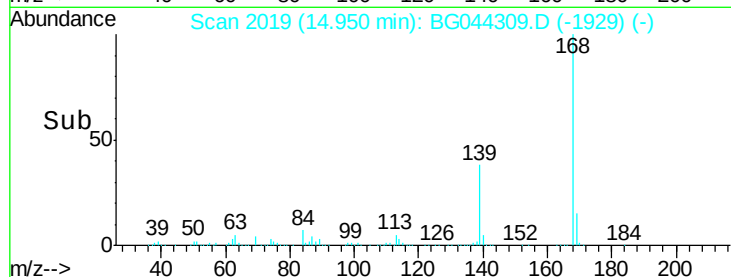
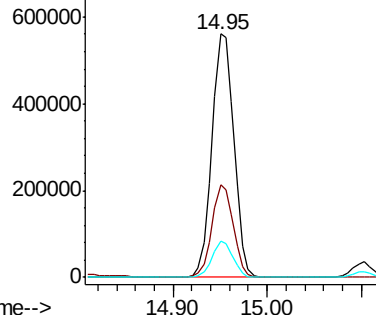


Abundance

Ion 168.00 (167.70 to 168.70): E

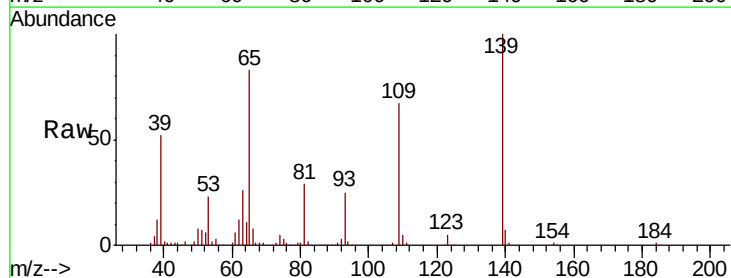
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 108.806 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	47.5	87.5
65	82.8	64.9	104.9

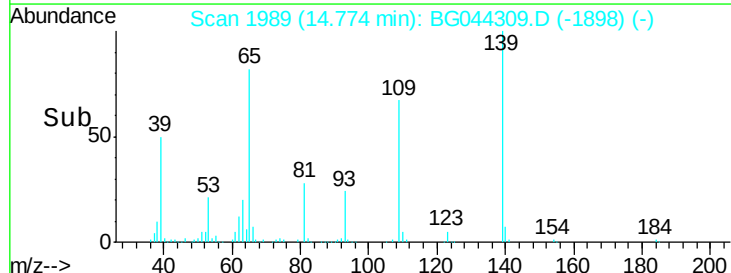
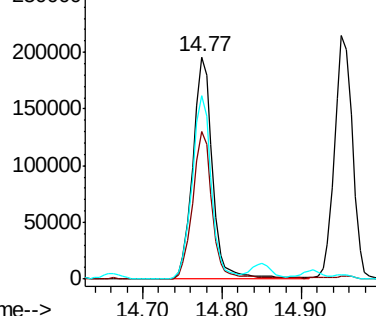


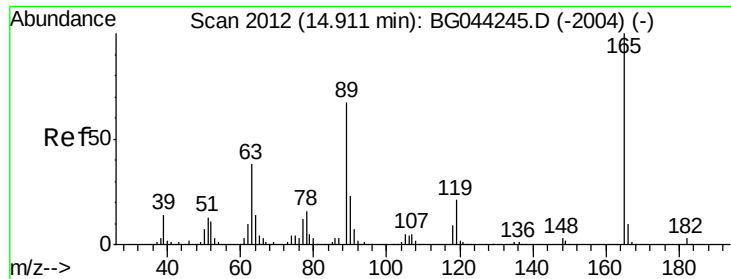
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





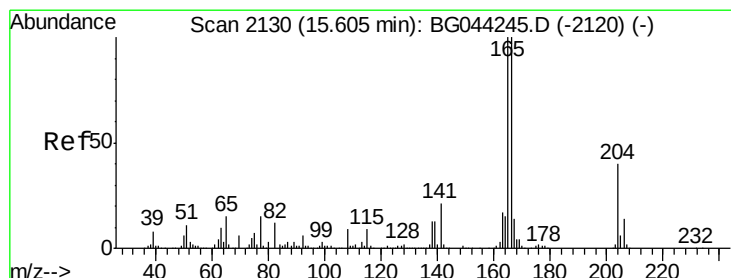
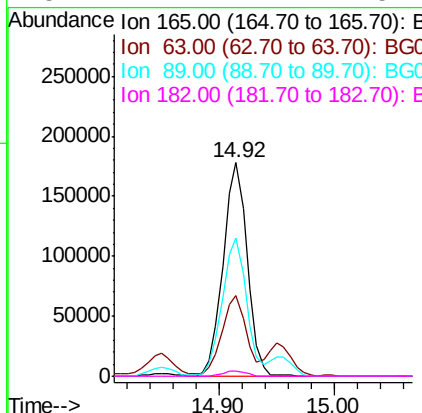
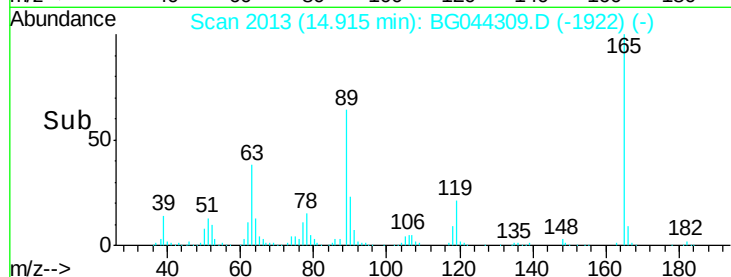
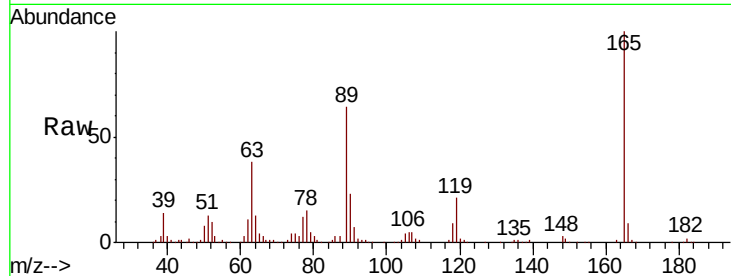
#57
2,4-Dinitrotoluene
Concen: 47.790 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257752		
63	37.6	30.3	45.5	
89	64.5	53.4	80.2	
182	2.4	2.1	3.1	

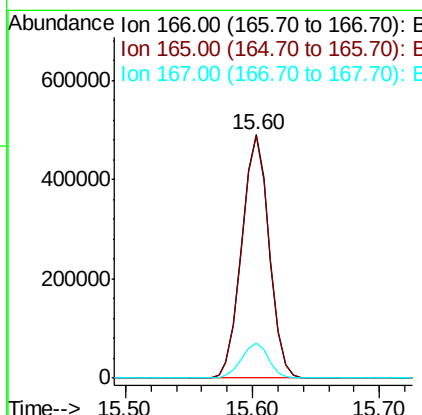
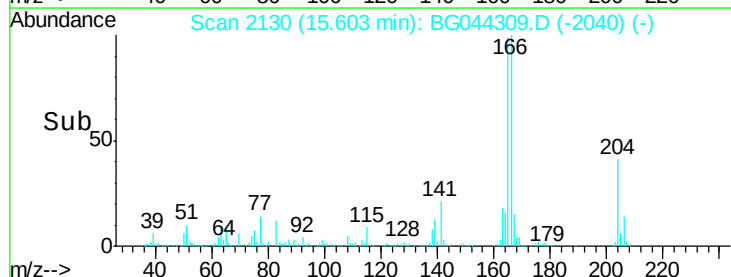
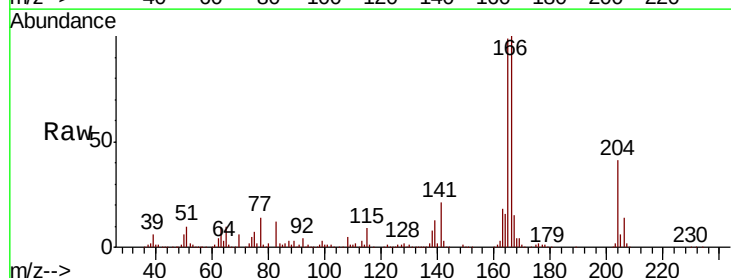
Manual Integrations
APPROVED

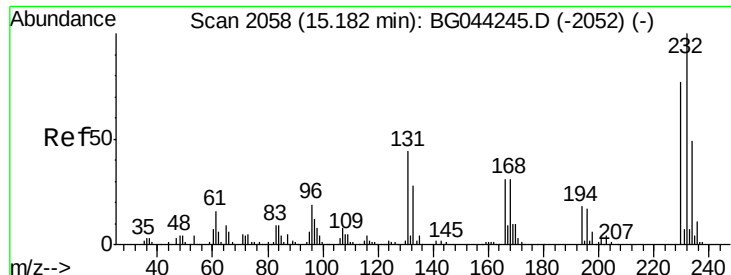
mohammad
2/6/2020 2:19:30 PM



#58
Fluorene
Concen: 46.786 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	730956		
165	99.3	79.9	119.9	
167	14.5	11.4	17.0	





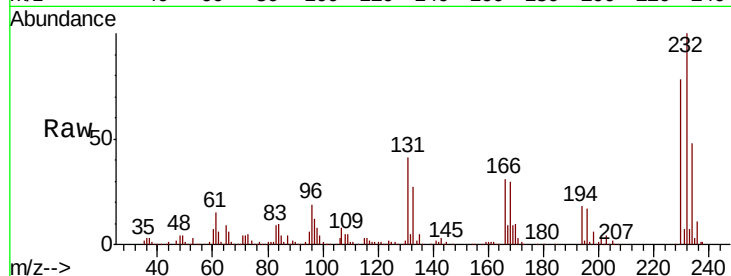
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.398 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

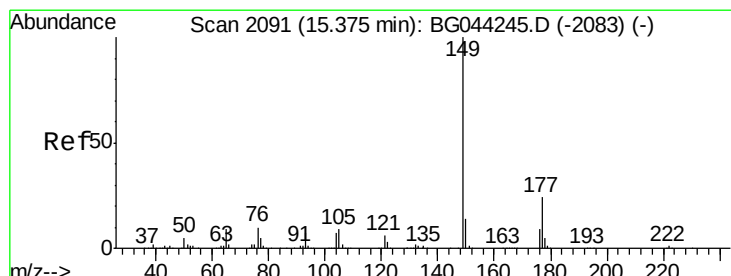
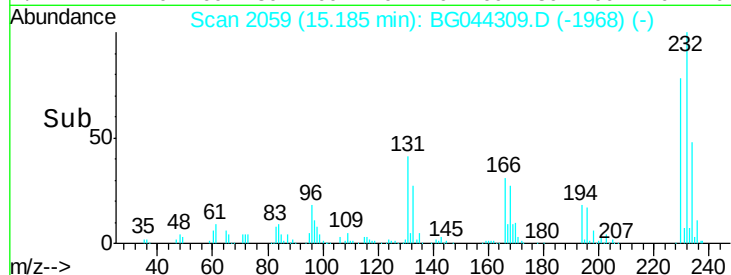
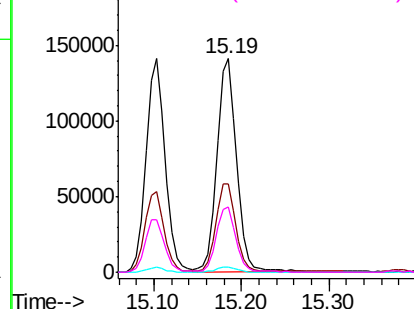
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.2	51.4
130	2.6	1.8	2.8
166	31.0	23.8	35.8

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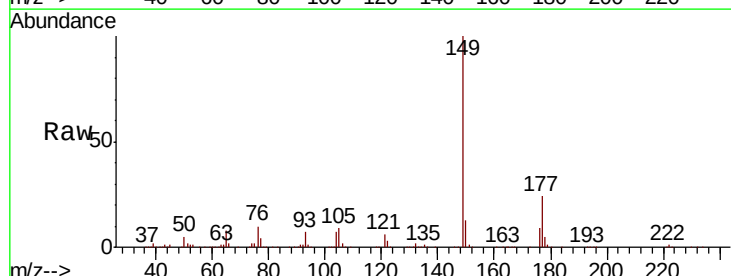


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

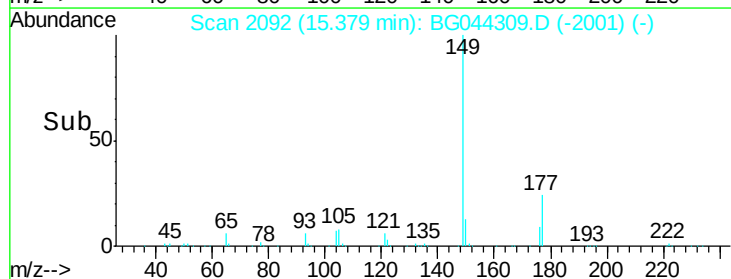
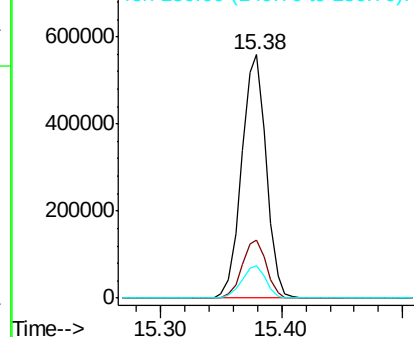


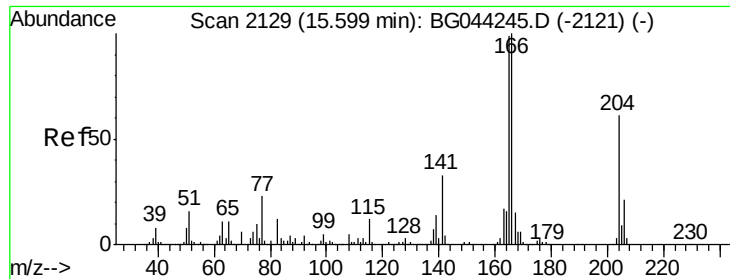
#60
 Diethylphthalate
 Concen: 46.022 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.4	29.0
150	13.2	10.9	16.3



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





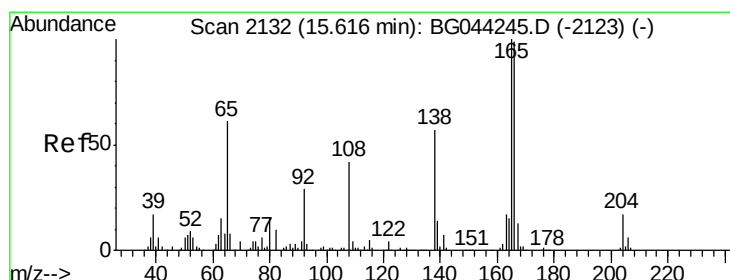
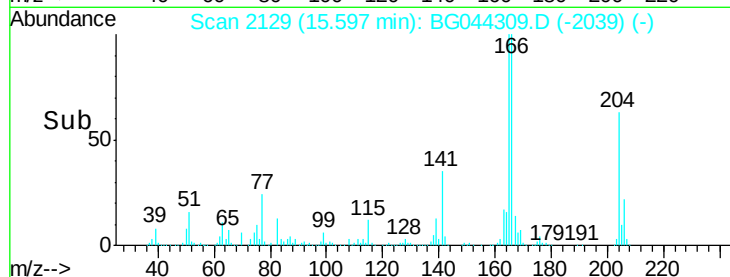
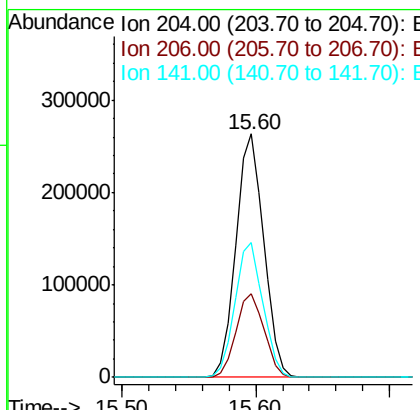
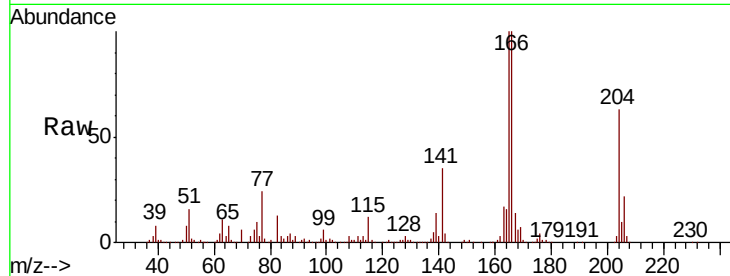
#61
 4-Chlorophenyl-phenylether
 Concen: 44.837 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	379827		
206	34.2	27.6	41.4	
141	55.4	43.4	65.0	

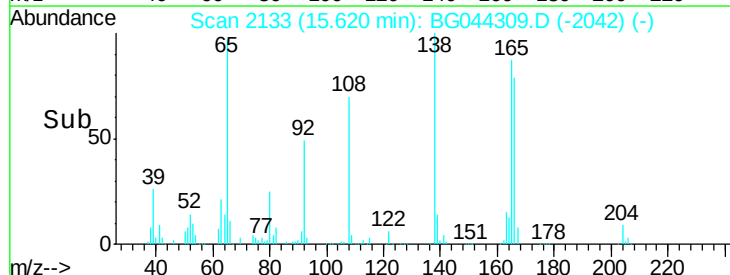
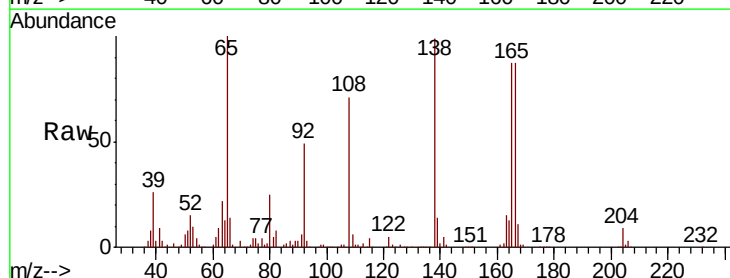
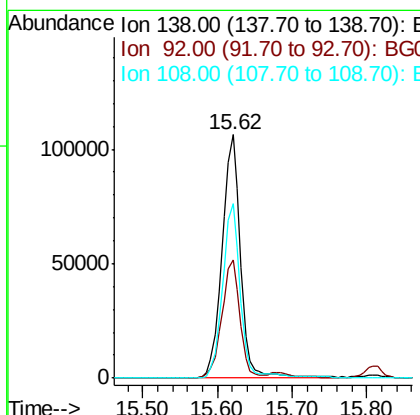
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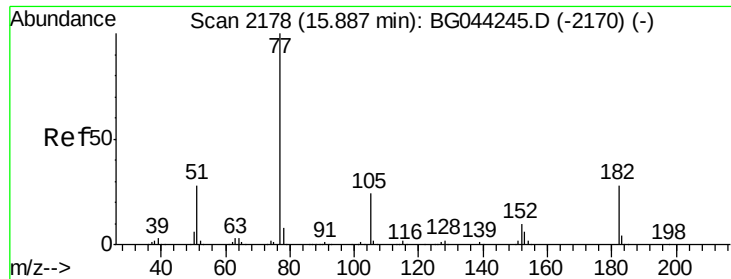
mohammad
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#62
 4-Nitroaniline
 Concen: 43.261 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	184037		
92	48.8	31.3	71.3	
108	71.9	52.6	92.6	





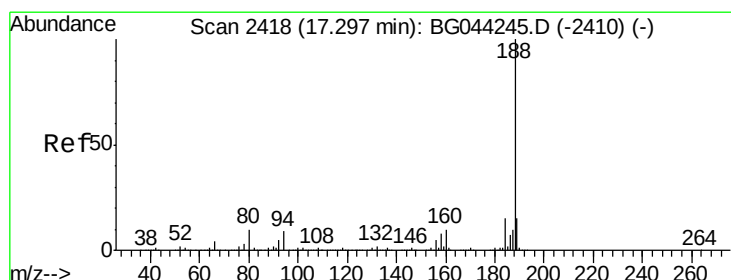
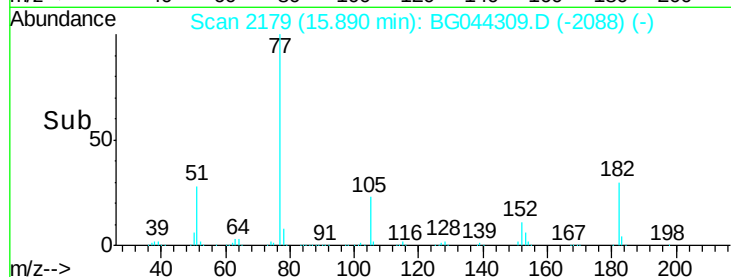
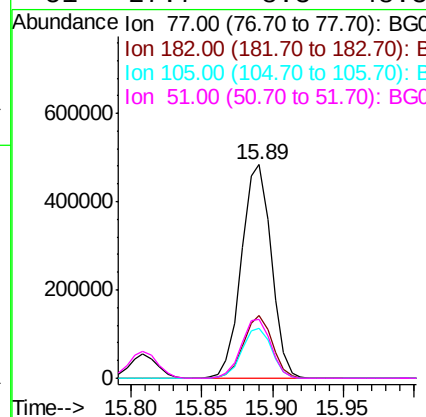
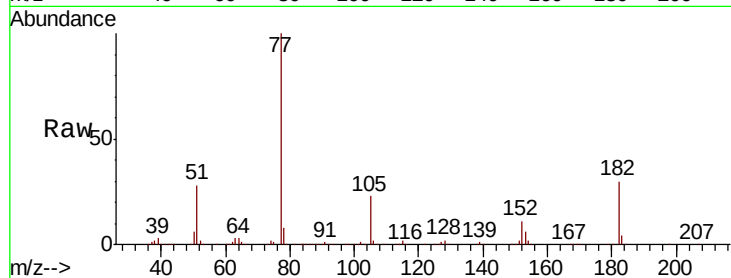
#63
Azobenzene
Concen: 47.353 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	29.5	8.2	48.2
105	105	23.5	3.6	43.6
51	51	27.7	8.3	48.3

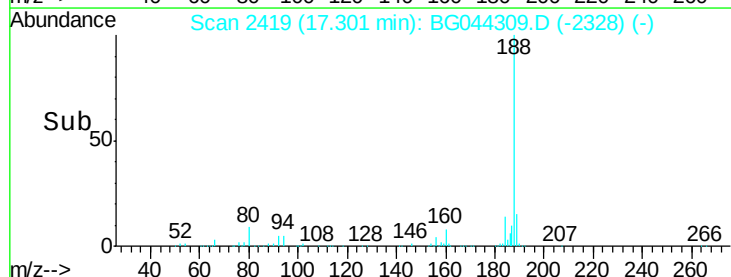
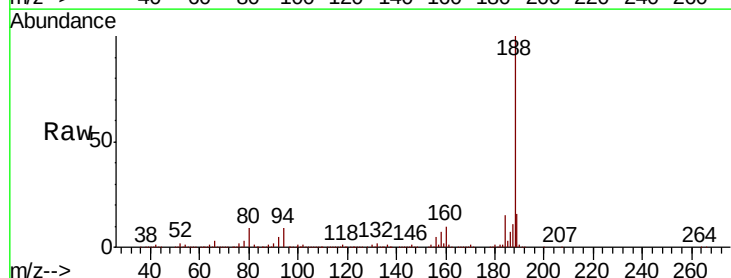
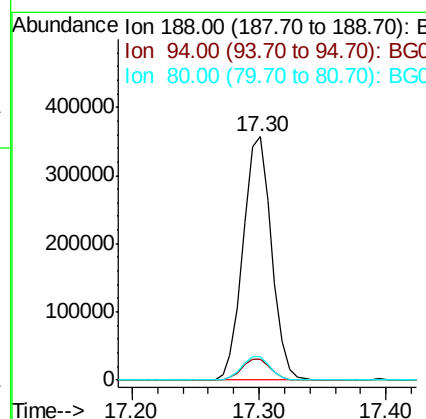
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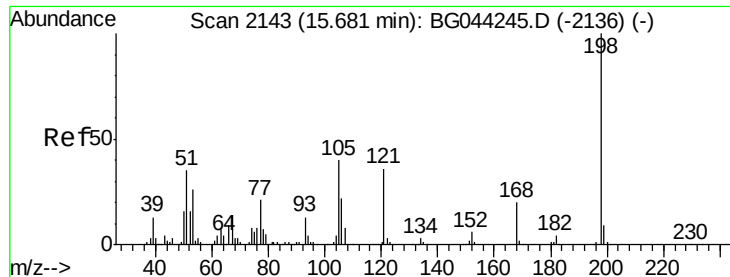
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	8.7	7.4	11.2
80	80	9.5	7.7	11.5





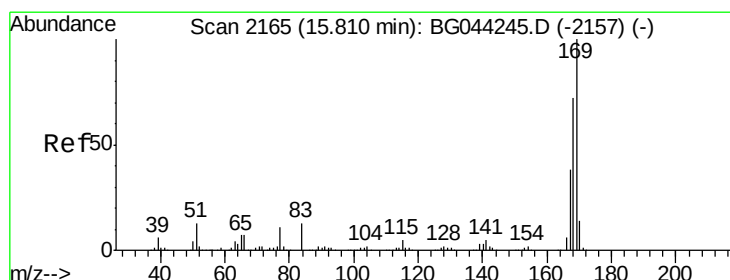
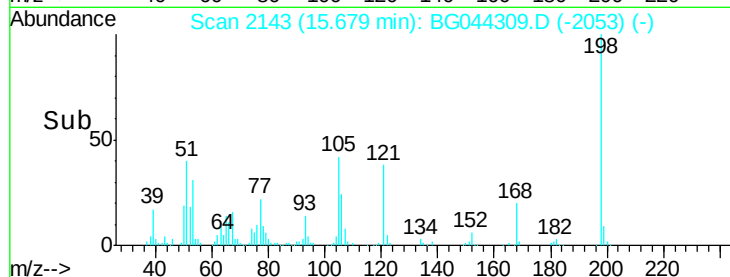
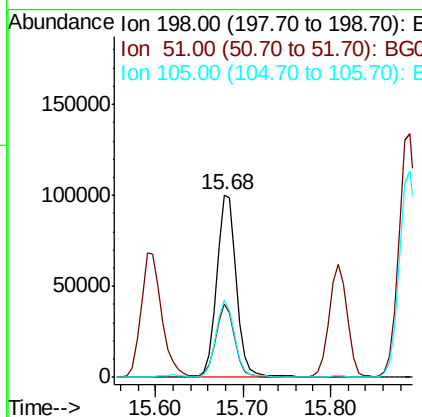
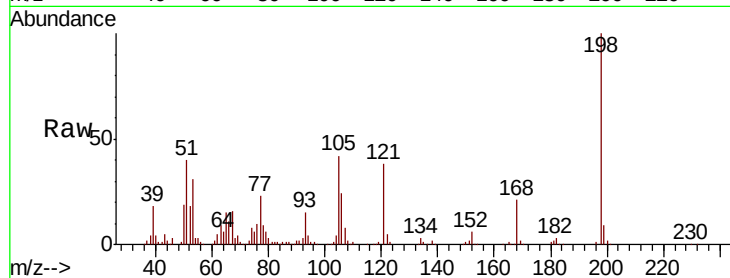
#65
4,6-Dinitro-2-methylphenol
Concen: 51.345 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.3	16.6	56.6
105	42.4	20.6	60.6

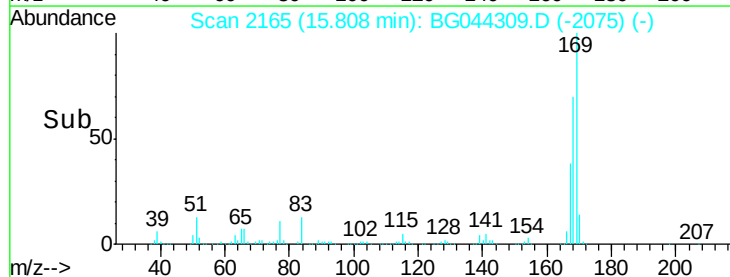
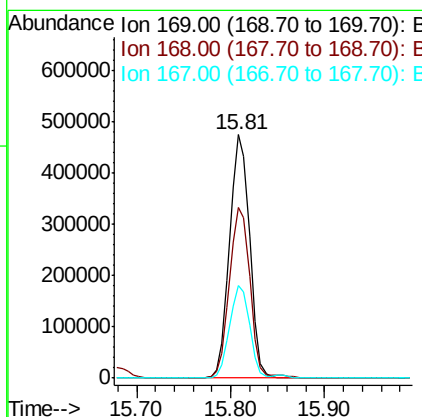
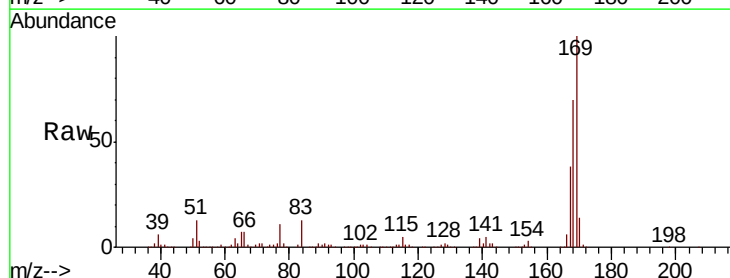
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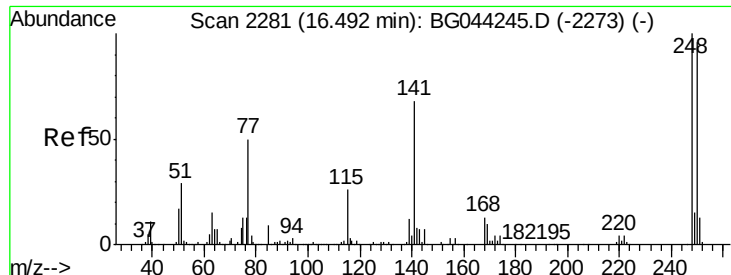
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.250 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	57.9	86.9
167	38.0	30.7	46.1





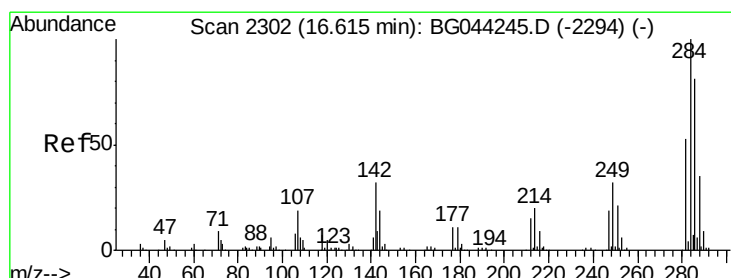
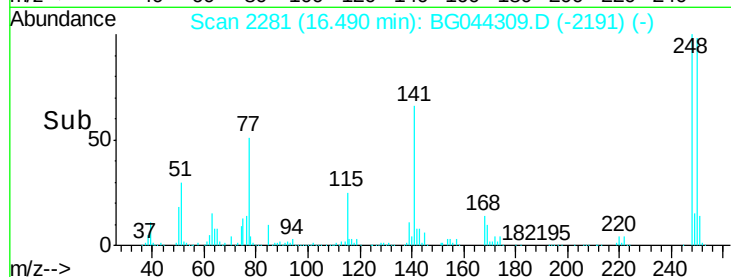
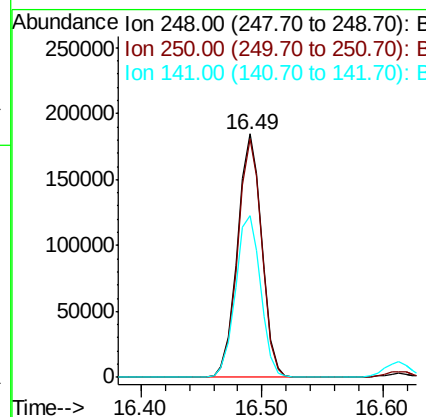
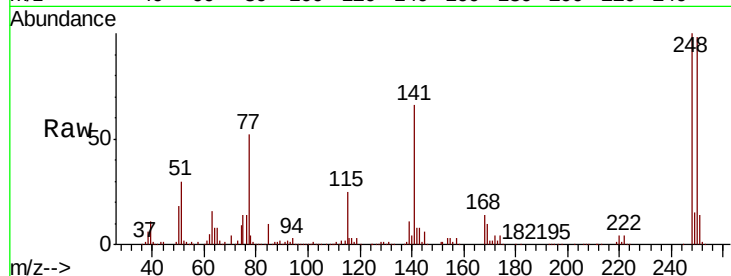
#67
4-Bromophenyl-phenylether
Concen: 43.040 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.6	114.8
141	66.3	54.7	82.1

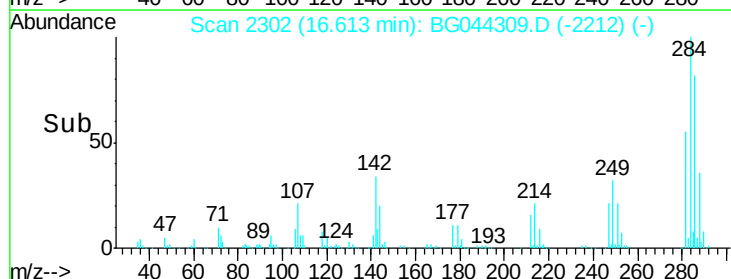
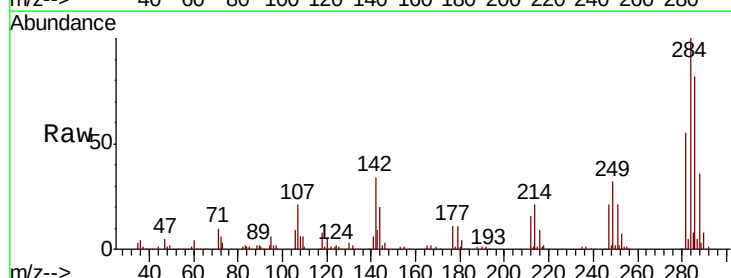
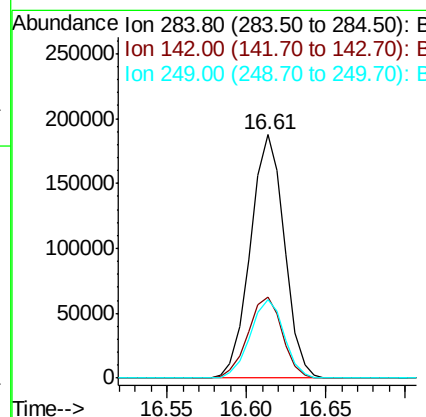
Manual Integrations
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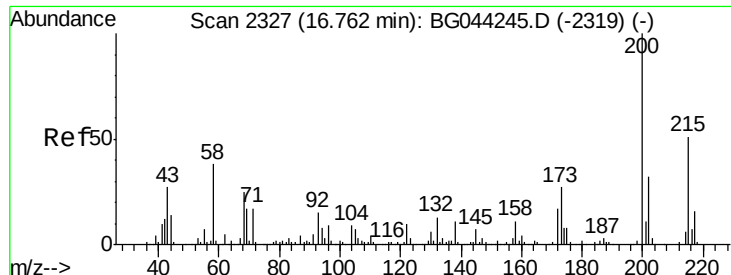
mohammad
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#68
Hexachlorobenzene
Concen: 41.207 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.3	37.9
249	32.4	25.5	38.3





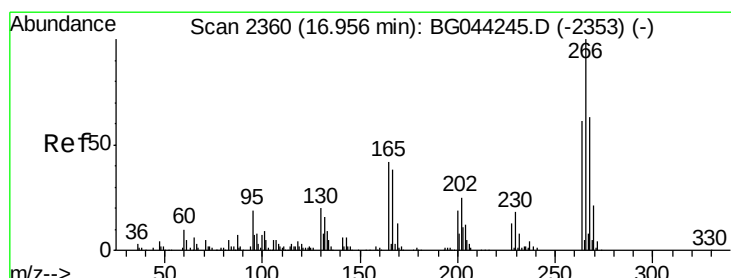
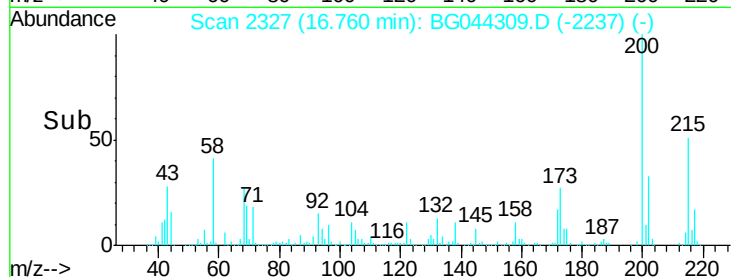
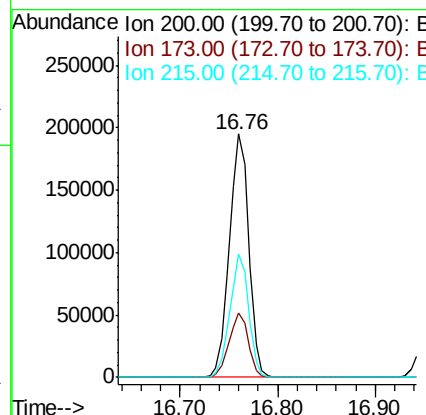
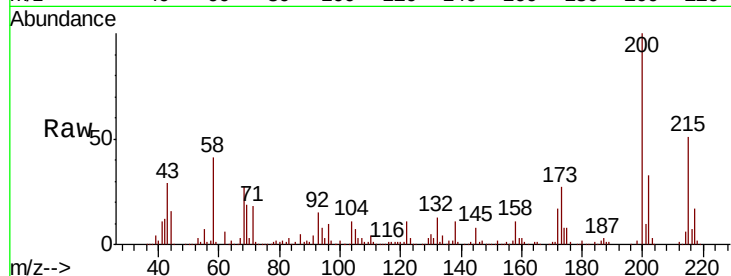
#69
Atrazine
Concen: 50.628 ng
RT: 16.76 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	6.6	46.6
215	50.7	31.0	71.0

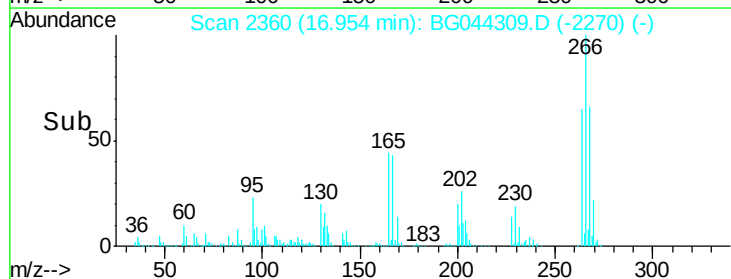
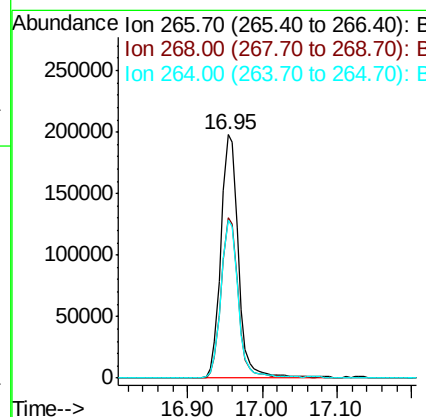
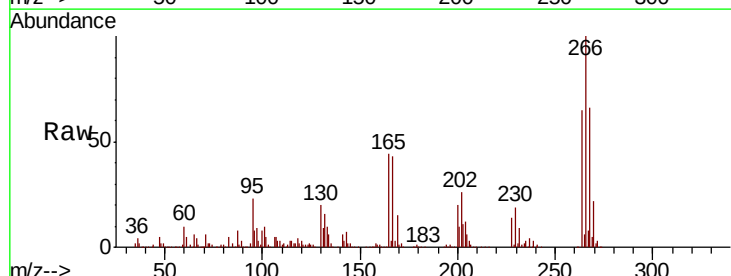
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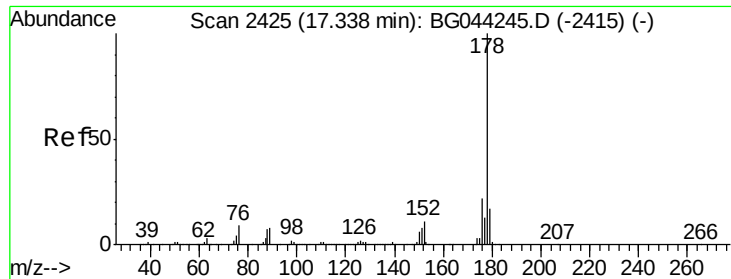
mohammad
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#70
Pentachlorophenol
Concen: 94.031 ng
RT: 16.95 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.8	50.6	75.8
264	64.9	48.7	73.1





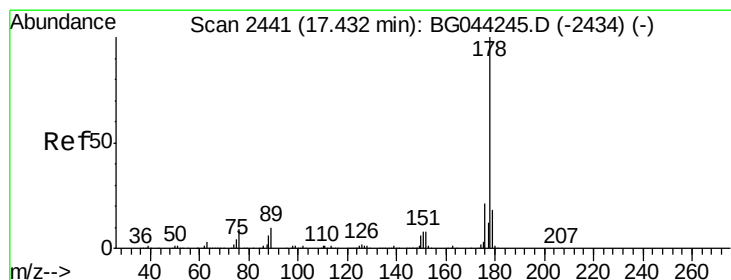
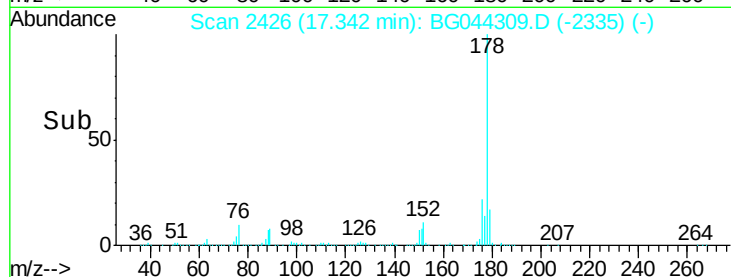
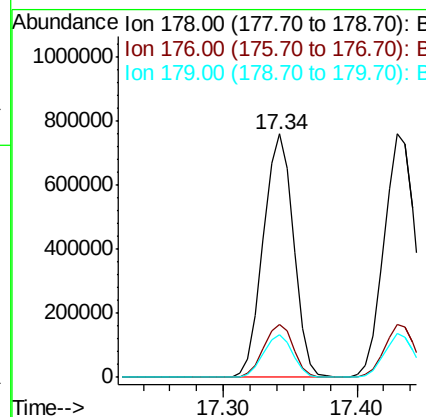
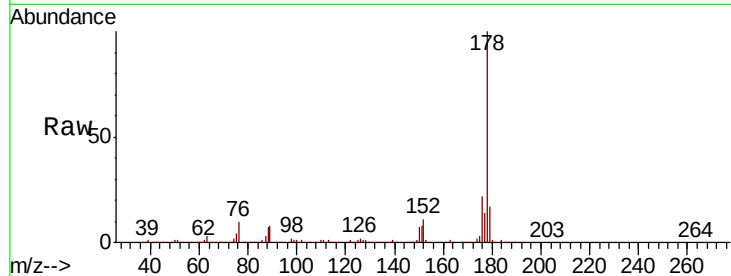
#71
Phenanthrene
Concen: 44.373 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion:178 Resp: 1190226
Ion Ratio Lower Upper
178 100
176 22.0 17.7 26.5
179 17.4 13.7 20.5

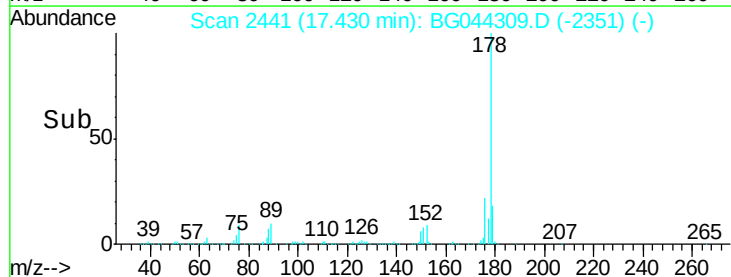
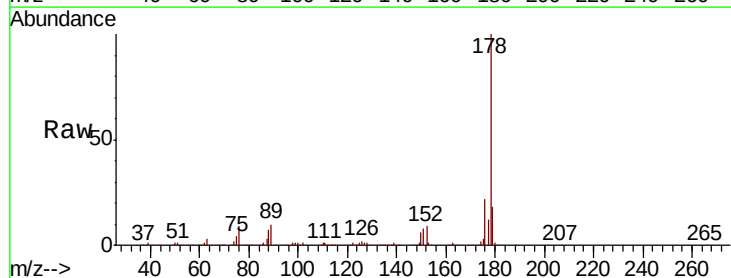
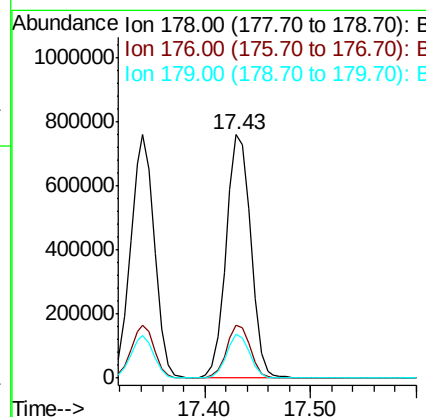
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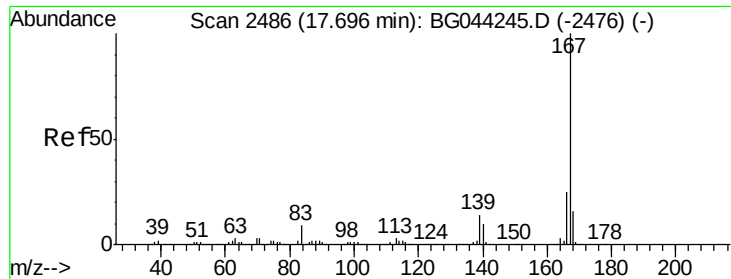
mohammad
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#72
Anthracene
Concen: 46.194 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion:178 Resp: 1225010
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 18.1 14.4 21.6





#73

Carbazole

Concen: 44.962 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

Tot Ion:167 Resp: 1099192

Ion Ratio Lower Upper

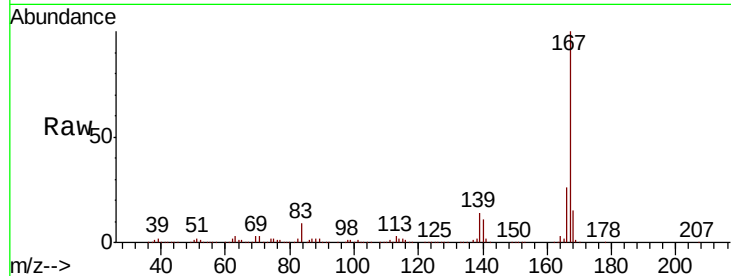
167 100

166 25.7 19.8 29.6

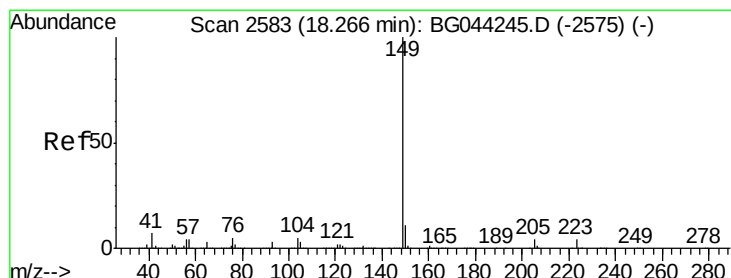
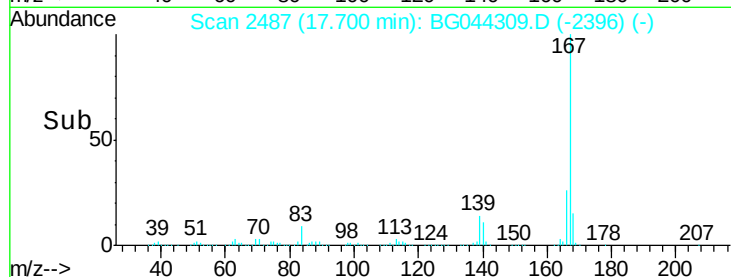
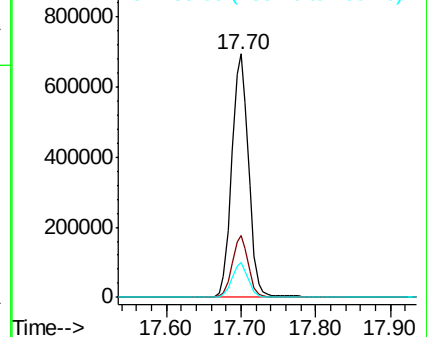
139 14.3 11.1 16.7

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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: 44.079 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

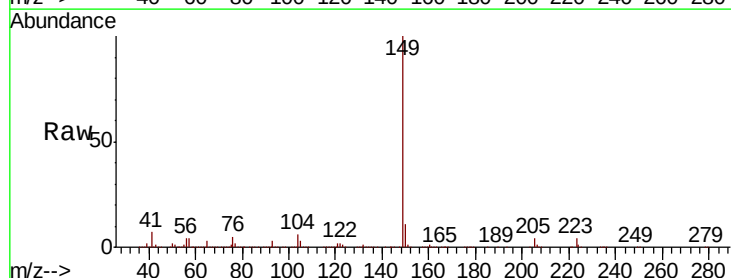
Tgt Ion:149 Resp: 1331660

Ion Ratio Lower Upper

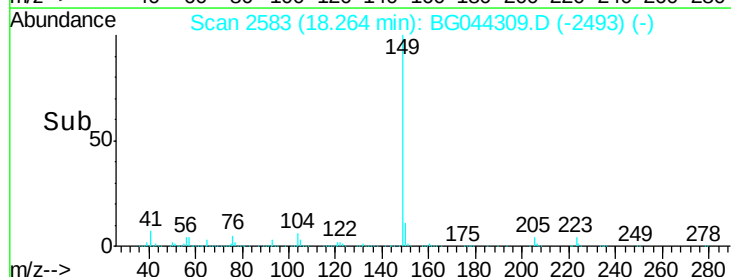
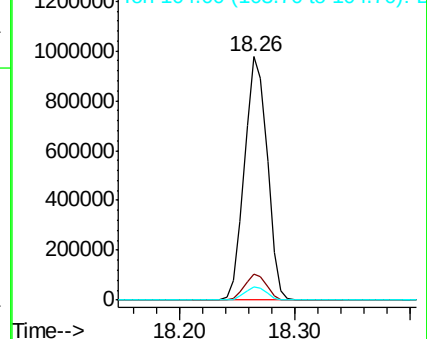
149 100

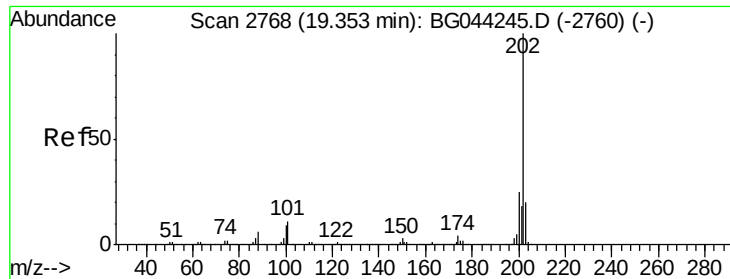
150 10.9 8.7 13.1

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: 44.226 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

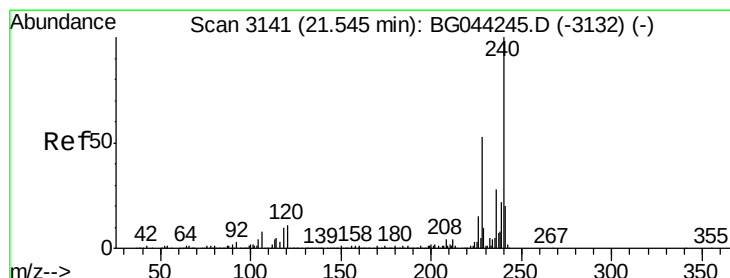
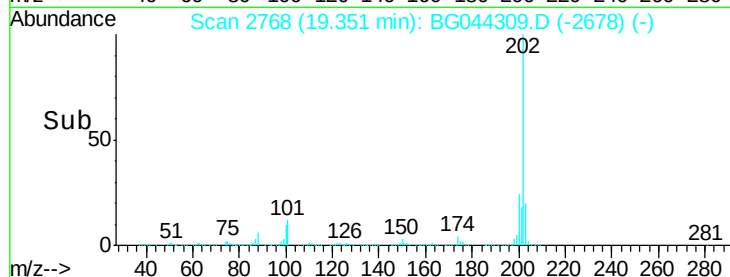
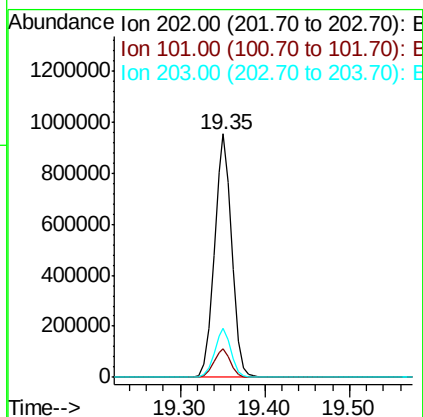
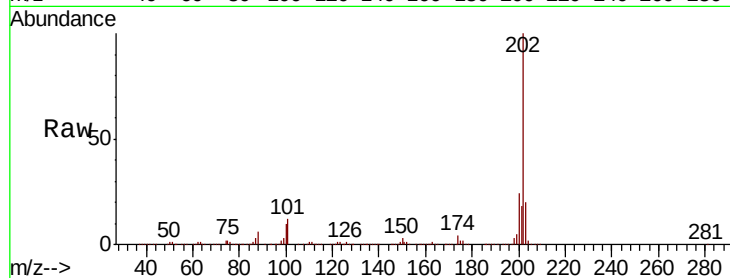
ClientSampleId :

SB-2MSD

Tot Ion:	202	Resp:	1372286
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.3
203	20.3	0.0	39.9

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#76

Chrysene-d12

Concen: 20.000 ng

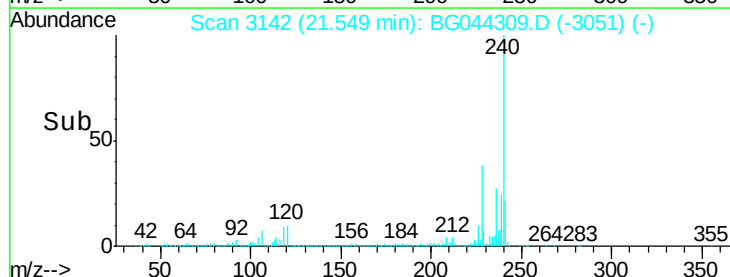
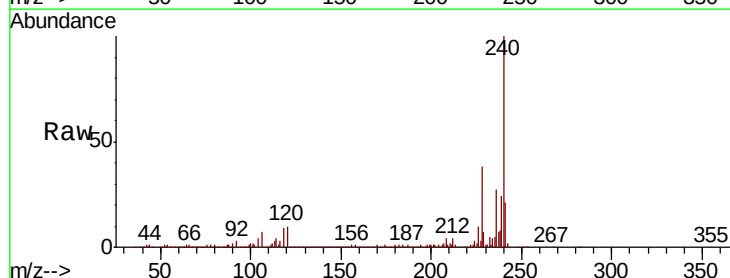
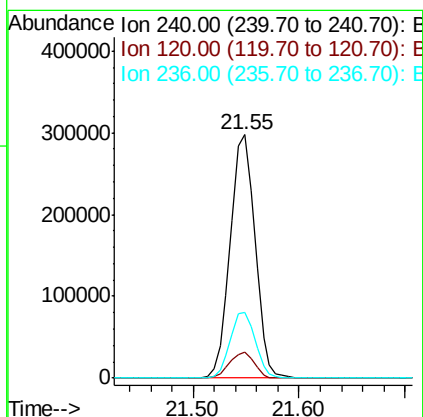
RT: 21.55 min Scan# 3142

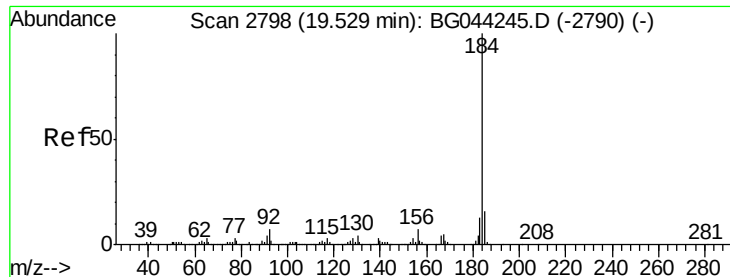
Delta R.T. 0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	240	Resp:	484577
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	27.2	22.1	33.1





#77

Benzidine

Concen: 35.887 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

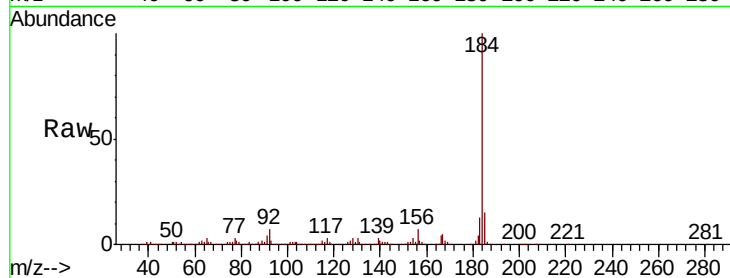
ClientSampleId :

SB-2MSD

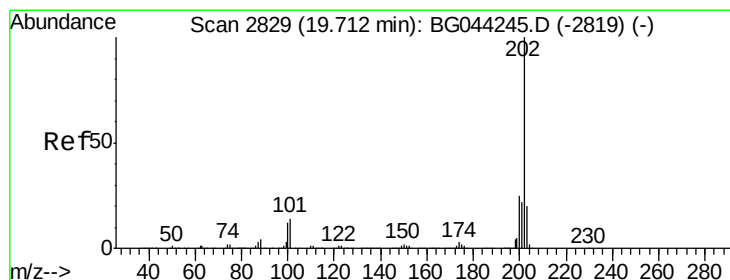
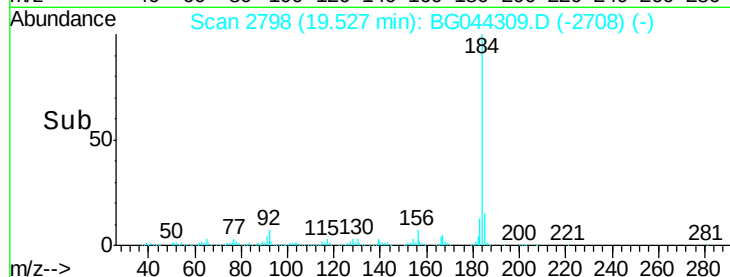
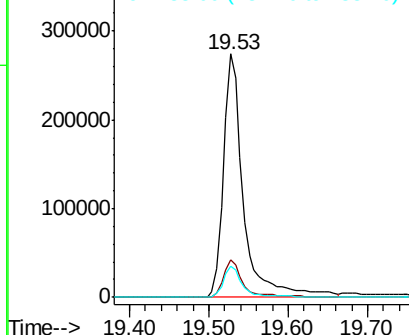
Tot Ion:	184	Resp:	482362
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.9	19.3
183	13.0	10.8	16.2

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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: 44.330 ng

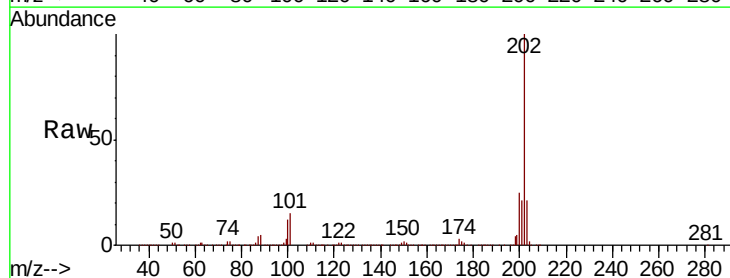
RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

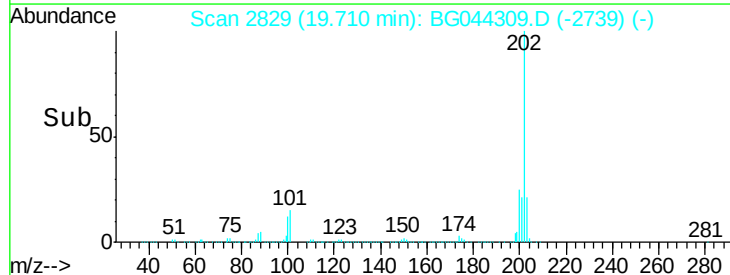
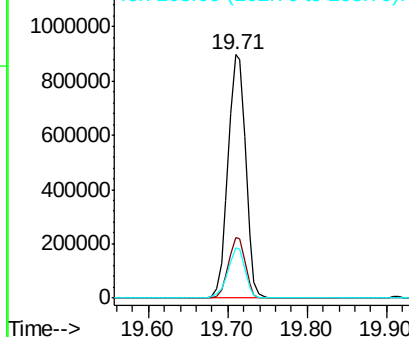
Lab File: BG044309.D

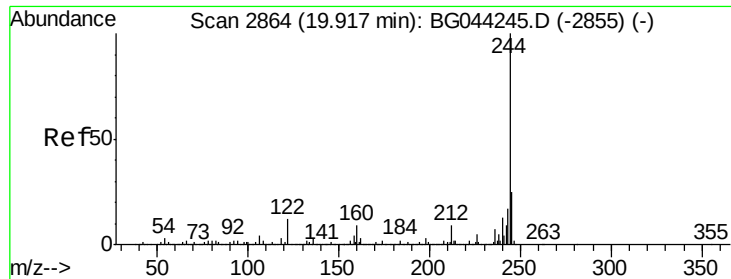
Acq: 5 Feb 2020 18:06

Tgt Ion:	202	Resp:	1379550
Ion Ratio	Lower	Upper	
202	100		
200	25.0	20.0	30.0
203	20.9	16.2	24.2



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





#79

Terphenyl-d14

Concen: 64.879 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

ClientSampled :

SB-2MSD

Tot Ion:244 Resp: 1528476

Ion Ratio Lower Upper

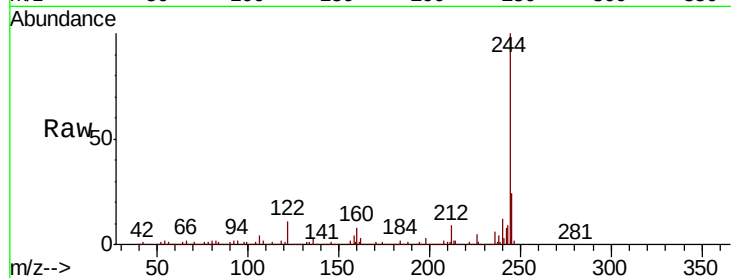
244 100

212 8.6 7.4 11.2

122 11.4 9.8 14.6

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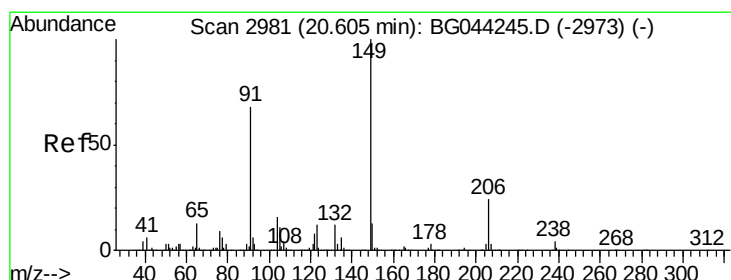
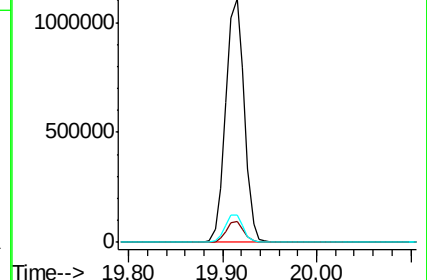
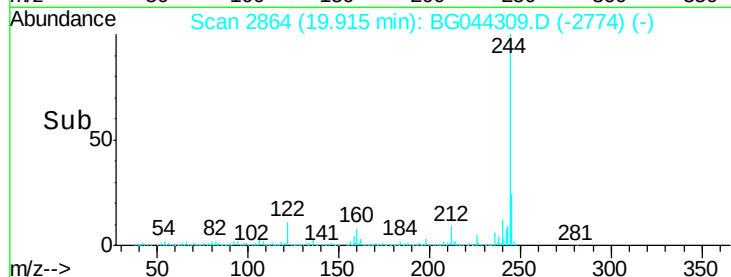
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.375 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

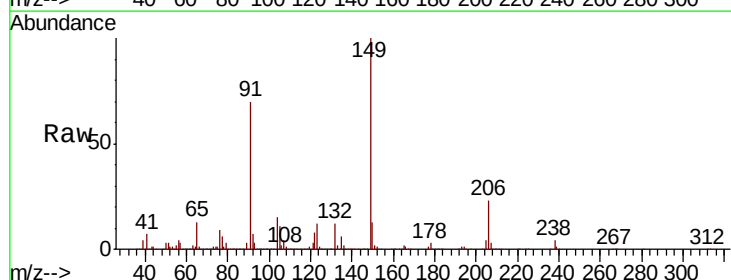
Tgt Ion:149 Resp: 629307

Ion Ratio Lower Upper

149 100

91 70.5 54.5 81.7

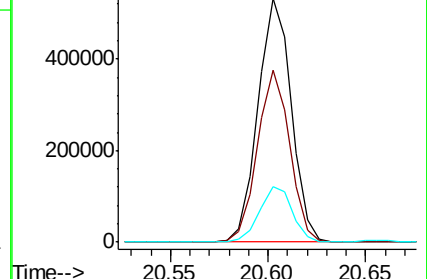
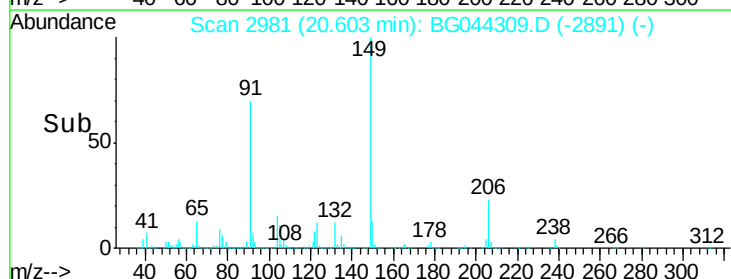
206 22.8 19.1 28.7

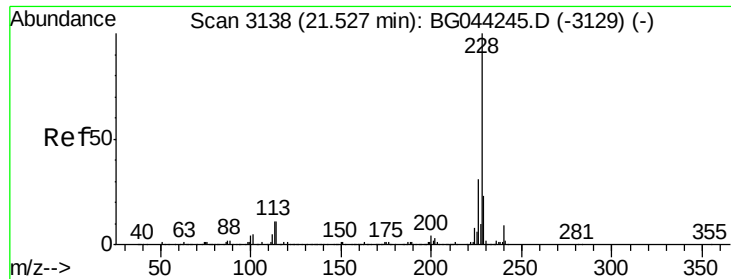


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





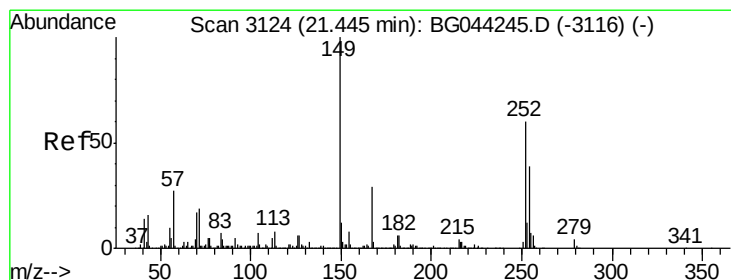
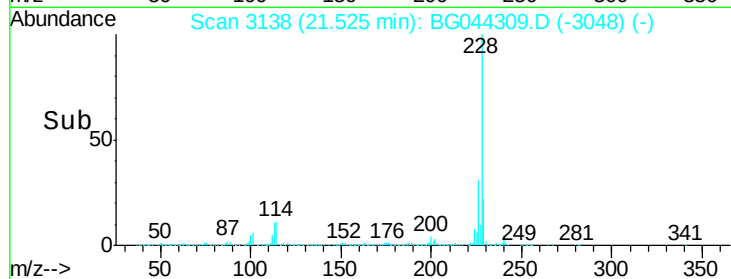
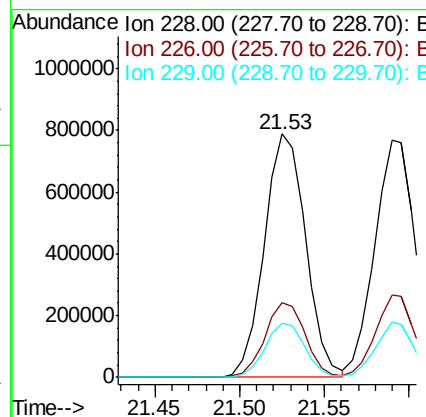
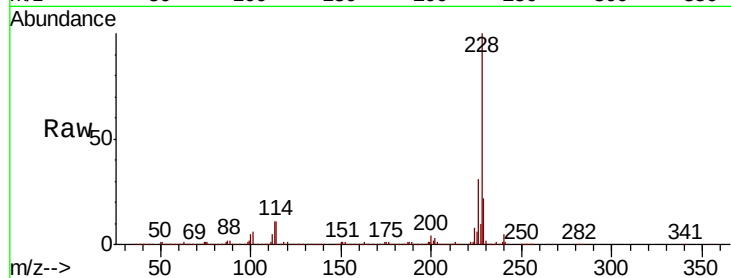
#81
Benzo(a)anthracene
Concen: 44.969 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.4	18.2	27.4

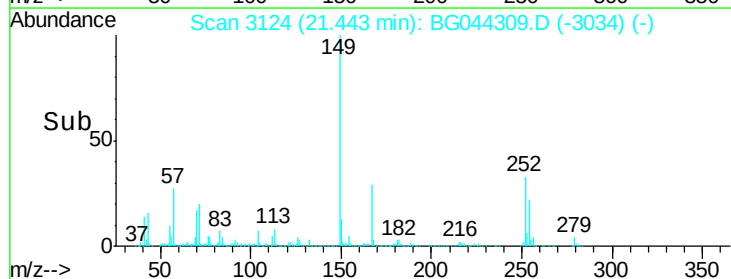
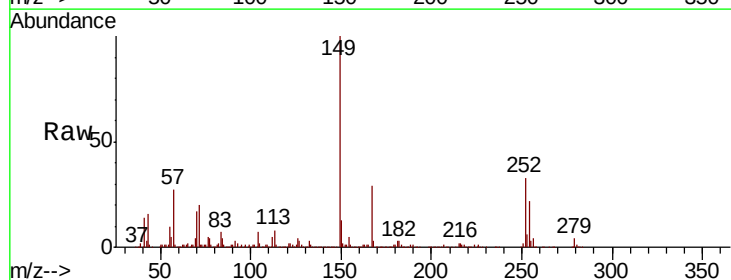
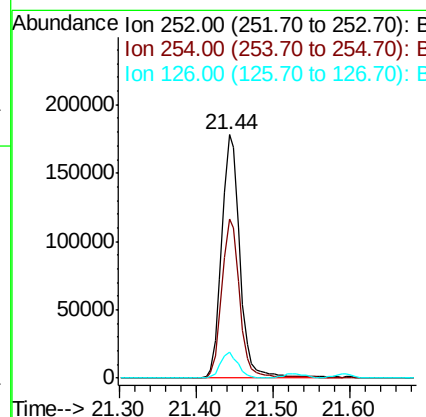
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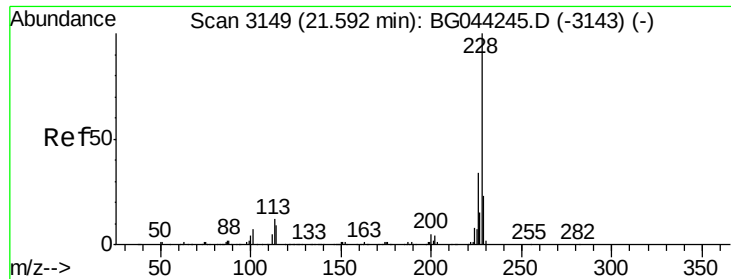
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#82
3,3'-Dichlorobenzidine
Concen: 25.169 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.6	78.8
126	10.7	8.2	12.4





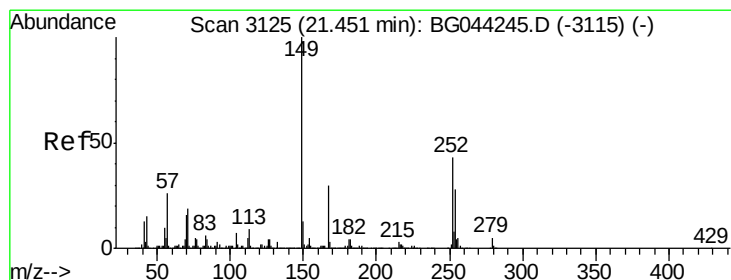
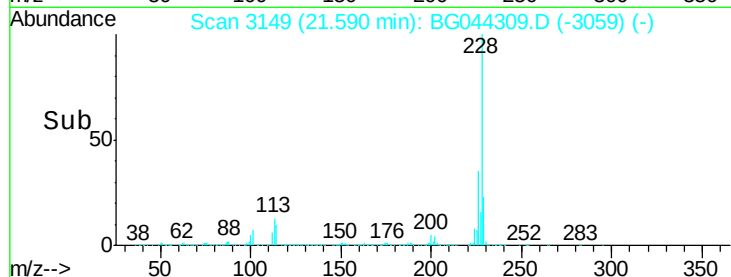
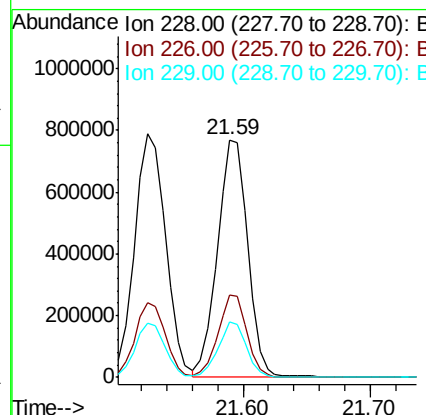
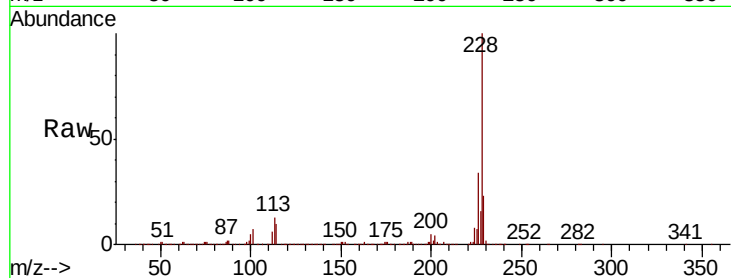
#83
 Chrysene
 Concen: 44.076 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampled :
 SB-2MSD

Tot Ion:228 Resp: 1272348
 Ion Ratio Lower Upper
 228 100
 226 34.5 27.1 40.7
 229 23.2 17.9 26.9

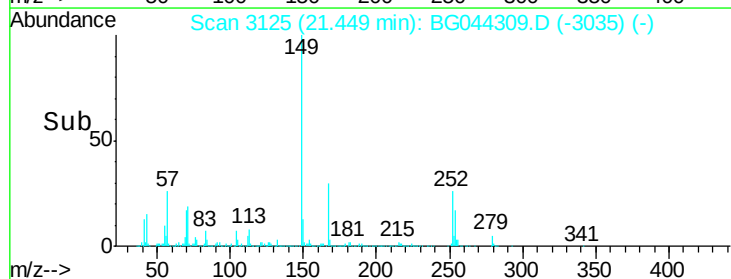
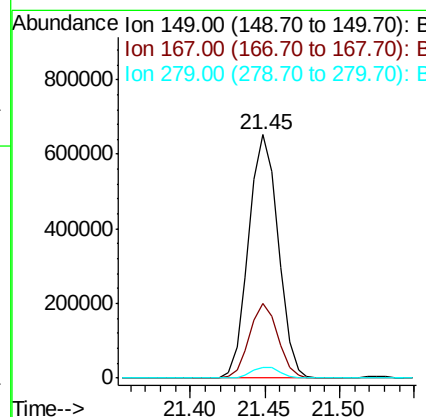
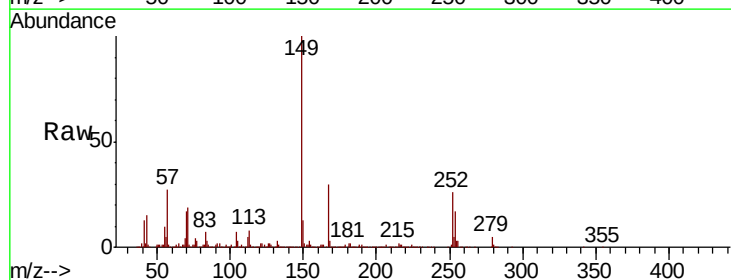
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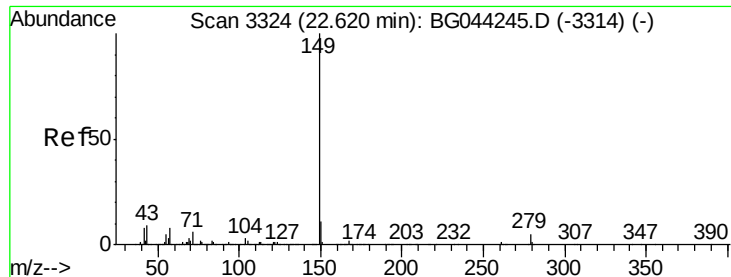
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.743 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044309.D
 Acq: 5 Feb 2020 18:06

Tgt Ion:149 Resp: 892891
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.0 36.0
 279 4.6 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 45.647 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Instrument :

BNA_G

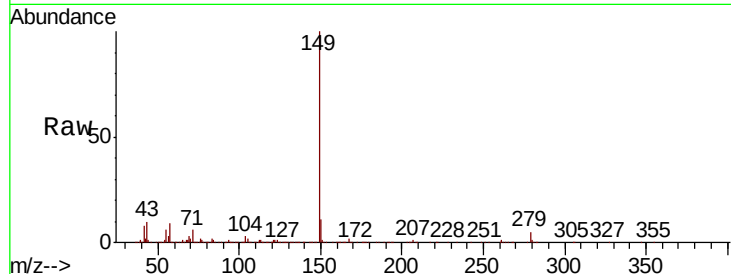
ClientSampled :

SB-2MSD

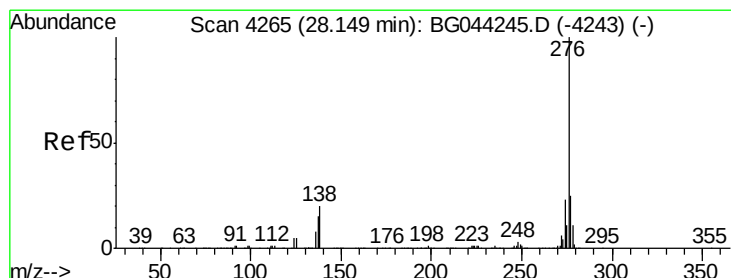
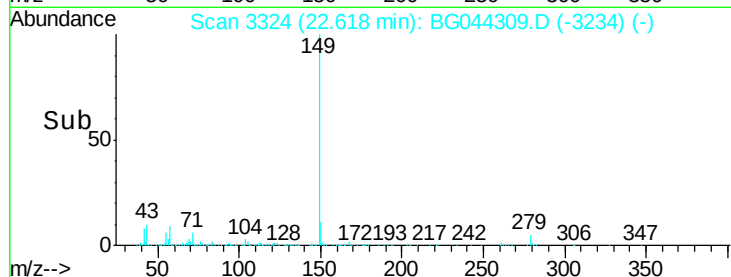
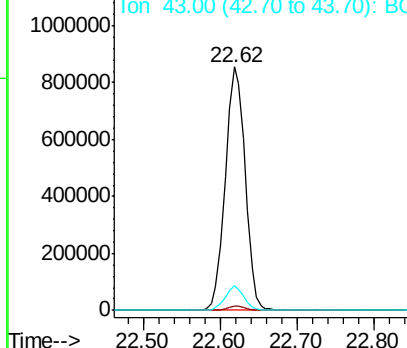
Tot Ion:	149	Resp:	1541661
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.3	7.4	11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.636 ng

RT: 28.15 min Scan# 4266

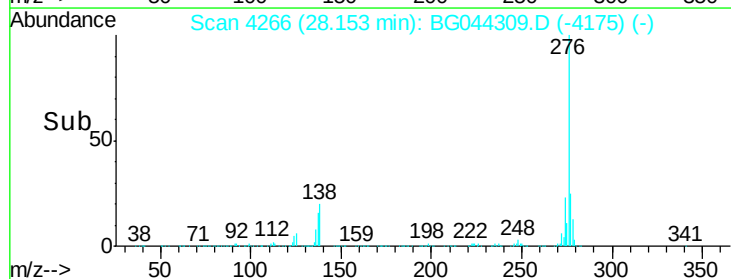
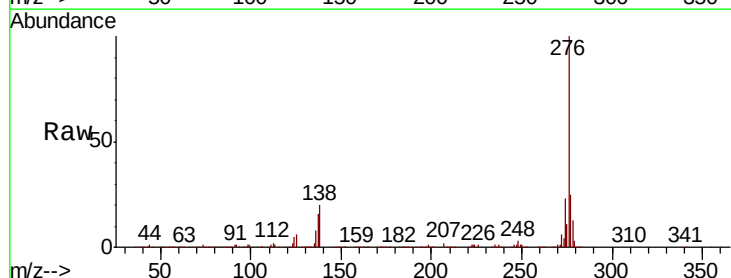
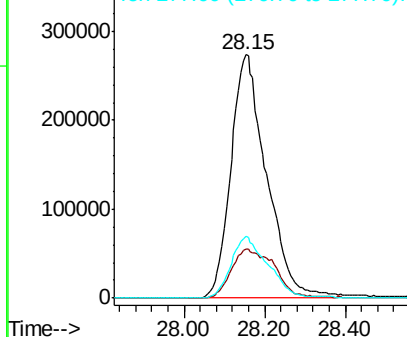
Delta R.T. 0.00 min

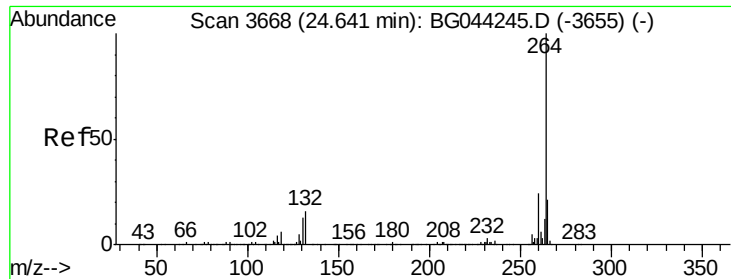
Lab File: BG044309.D

Acq: 5 Feb 2020 18:06

Tgt Ion:	276	Resp:	1681066
Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.4	29.0
277	26.1	21.0	31.6

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





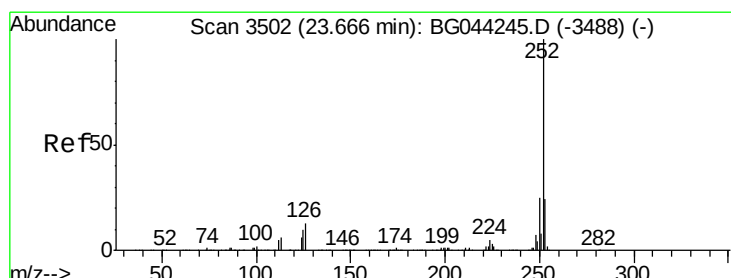
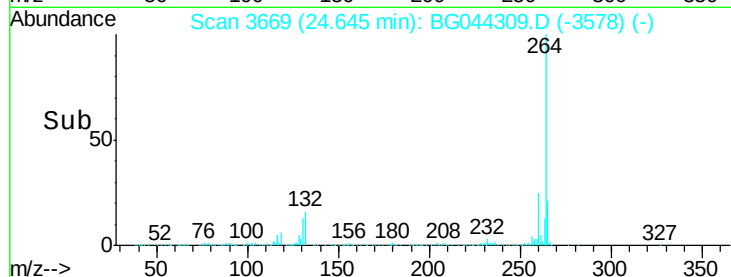
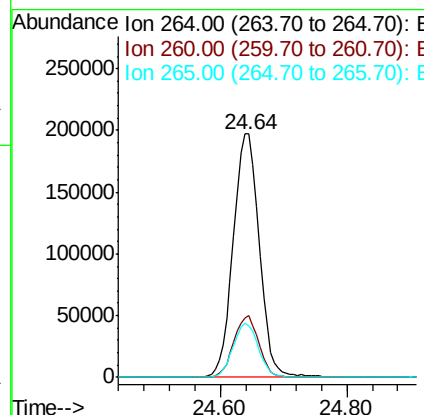
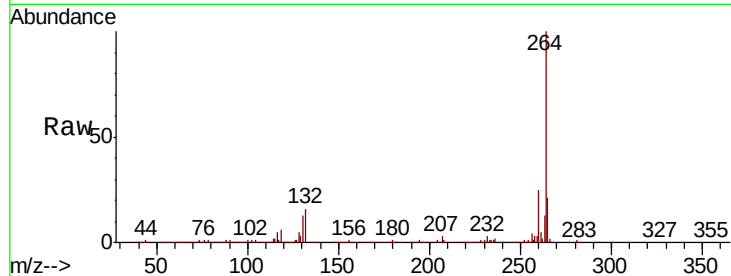
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	21.1	16.7	25.1

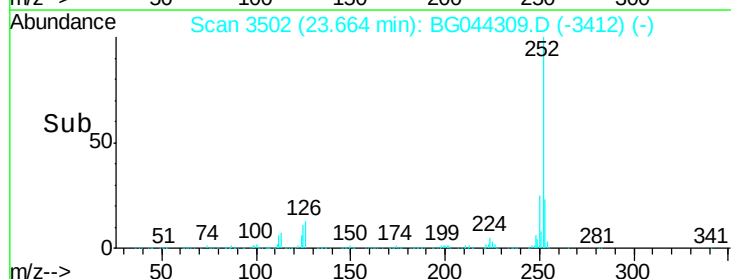
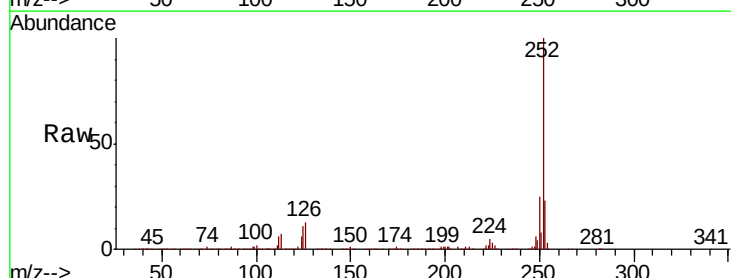
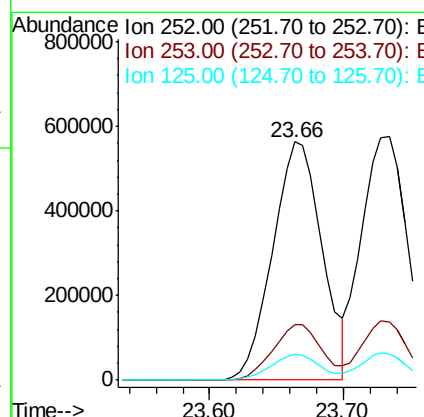
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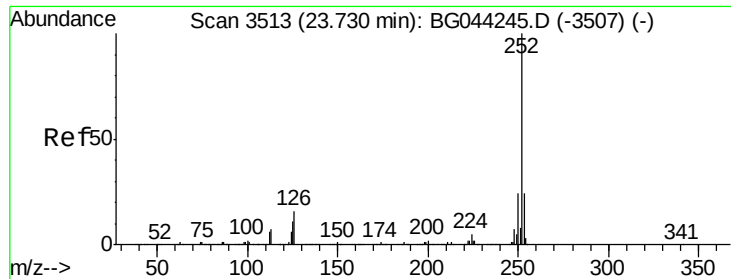
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.775 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	11.1	8.4	12.6





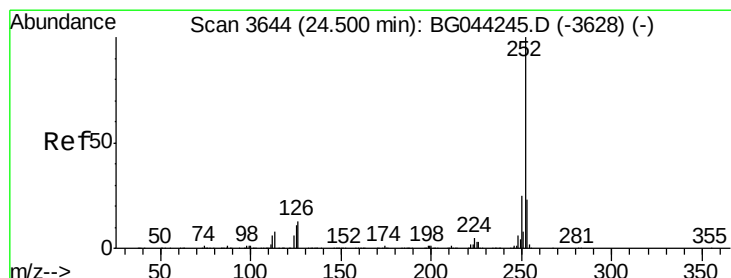
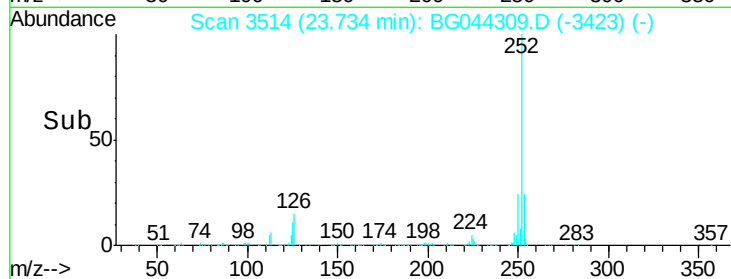
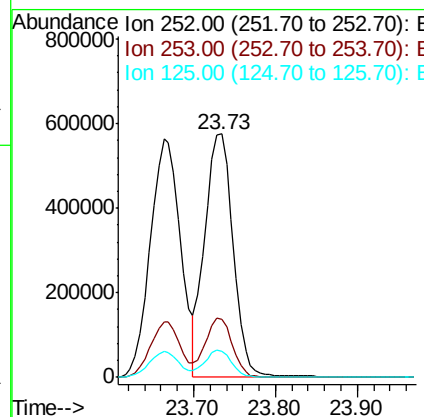
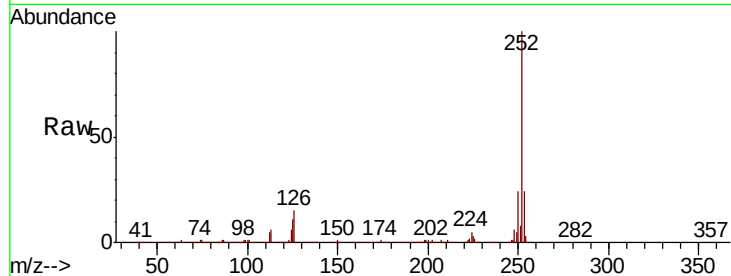
#89
Benzo(k)fluoranthene
Concen: 43.999 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	10.7	8.6	12.8

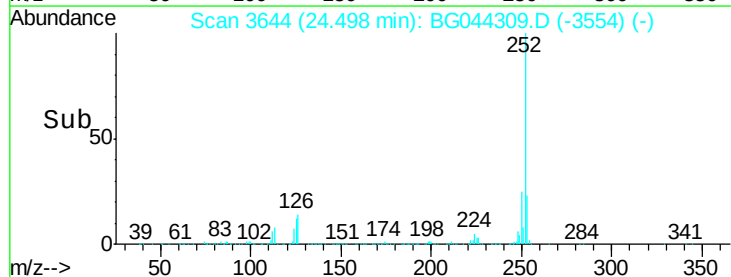
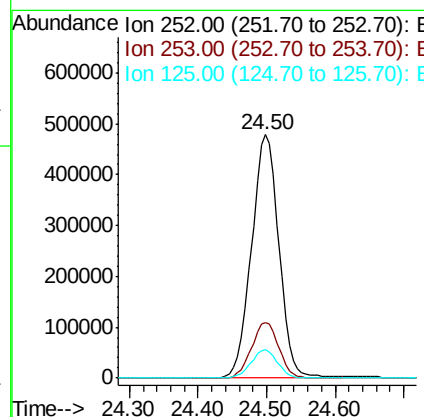
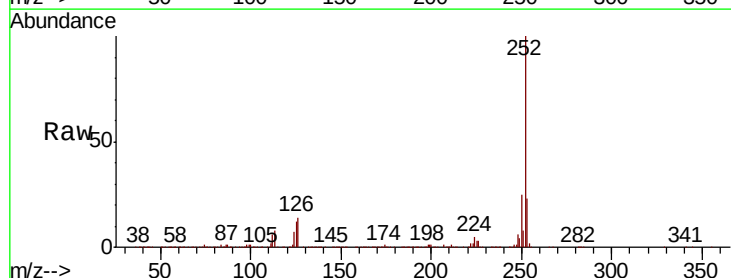
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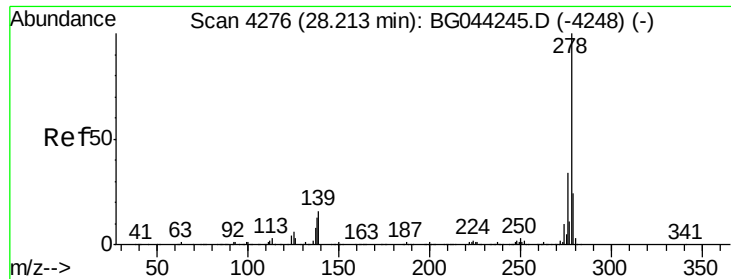
mohammad
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#90
Benzo(a)pyrene
Concen: 43.522 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.7	8.6	13.0





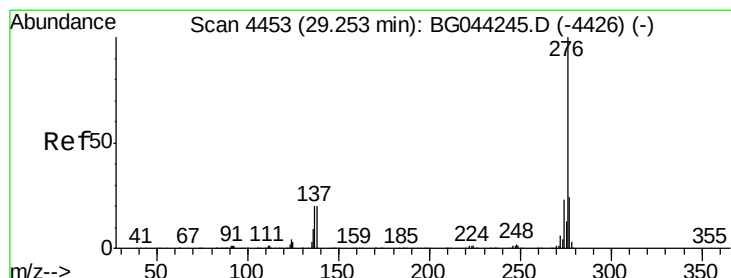
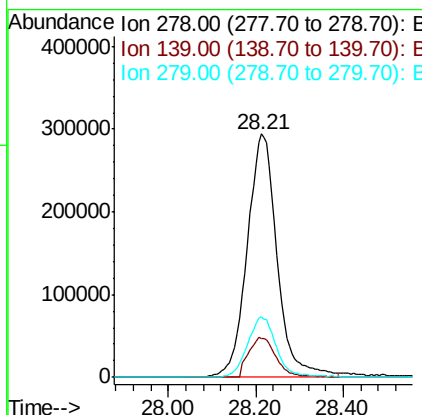
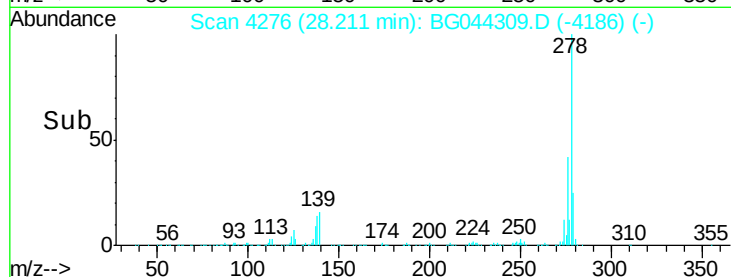
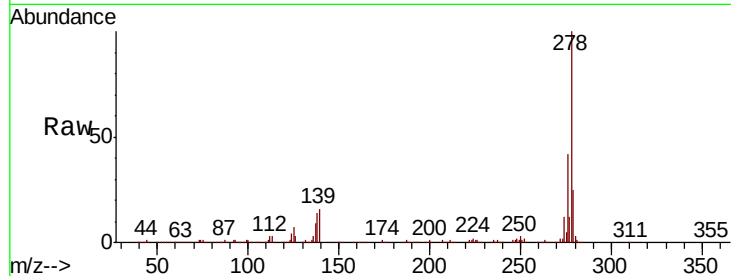
#91
Dibenzo(a,h)anthracene
Concen: 45.283 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	25.0	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 46.342 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.00 min
Lab File: BG044309.D
Acq: 5 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.3	16.2	24.2

