

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044519.D
 Acq On : 20 Feb 2020 14:01
 Operator : CG/JU
 Sample : PB126924BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Manual Integrations
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 2/21/2020 2:17:44 PM

Quant Time: Feb 21 06:59:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	67309	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	275469	20.00	ng	-0.02
39) Acenaphthene-d10	14.53	164	185817	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	409752	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	374012	20.00	ng	-0.02
87) Perylene-d12	24.59	264	386937	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	537373	140.90	ng	-0.02
7) Phenol-d6	7.07	99	720508	140.68	ng	-0.01
23) Nitrobenzene-d5	9.04	82	369517	75.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	298694	136.93	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	874103	78.77	ng	-0.02
79) Terphenyl-d14	19.89	244	1374821	75.61	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.33	88	70198	40.966 ng	98
3) Pyridine	3.73	79	164408	36.013 ng	99
4) n-Nitrosodimethylamine	3.65	42	82963	43.488 ng	94
6) Aniline	7.21	93	236016	37.126 ng	97
8) 2-Chlorophenol	7.45	128	215598	51.436 ng	97
9) Benzaldehyde	7.01	77	89233	30.592 ng	99
10) Phenol	7.09	94	266353	52.550 ng	99
11) bis(2-Chloroethyl)ether	7.30	93	192892	44.514 ng	96
12) 1,3-Dichlorobenzene	7.77	146	222235	44.406 ng	98
13) 1,4-Dichlorobenzene	7.92	146	221772	44.742 ng	99
14) 1,2-Dichlorobenzene	8.23	146	210162	44.858 ng	100
15) Benzyl Alcohol	8.12	79	176494	48.676 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.42	45	248545	42.378 ng	100
17) 2-Methylphenol	8.33	107	186527	51.579 ng	97
18) Hexachloroethane	8.96	117	81025	43.561 ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	151840	44.486 ng	96
20) 3+4-Methylphenols	8.66	107	254802	51.126 ng	99
22) Acetophenone	8.70	105	289858	43.254 ng	99
24) Nitrobenzene	9.08	77	218045	45.775 ng	99
25) Isophorone	9.61	82	423782	46.598 ng	99
26) 2-Nitrophenol	9.80	139	123560	49.990 ng	97
27) 2,4-Dimethylphenol	9.87	122	206004	59.043 ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	267381	44.072 ng	100
29) 2,4-Dichlorophenol	10.34	162	218923	51.892 ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	217187	44.896 ng	99
31) Naphthalene	10.73	128	630321	47.162 ng	100
32) Benzoic acid	10.03	122	61241	32.951 ng	92
33) 4-Chloroaniline	10.84	127	167107	27.492 ng	98
34) Hexachlorobutadiene	11.03	225	128954	43.322 ng	99
35) Caprolactam	11.61	113	78032m	50.492 ng	
36) 4-Chloro-3-methylphenol	11.98	107	225610	51.005 ng	100
37) 2-Methylnaphthalene	12.35	142	473851	47.752 ng	99
38) 1-Methylnaphthalene	12.56	142	450958	48.203 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	239653	43.115 ng	99

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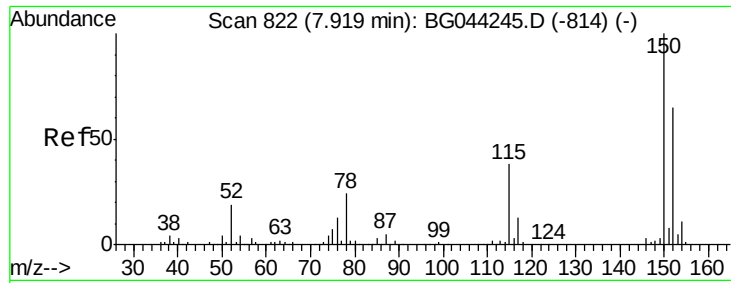
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	227695	85.372	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	172870	48.116	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	186446	50.807	ng	97
46) 1,1'-Biphenyl	13.36	154	602478	44.950	ng	98
47) 2-Chloronaphthalene	13.40	162	468326	43.910	ng	98
48) 2-Nitroaniline	13.60	65	136544	43.380	ng	96
49) Acenaphthylene	14.25	152	745905	47.681	ng	99
50) Dimethylphthalate	13.98	163	601236	45.013	ng	99
51) 2,6-Dinitrotoluene	14.10	165	139167	46.729	ng	96
52) Acenaphthene	14.59	154	458336	45.202	ng	97
53) 3-Nitroaniline	14.43	138	98012	29.747	ng	97
54) 2,4-Dinitrophenol	14.64	184	160518	89.916	ng	99
55) Dibenzofuran	14.93	168	712085	46.384	ng	98
56) 4-Nitrophenol	14.76	139	246590	102.170	ng	94
57) 2,4-Dinitrotoluene	14.89	165	195210	46.766	ng	96
58) Fluorene	15.57	166	565077	46.733	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	164622	49.664	ng	97
60) Diethylphthalate	15.35	149	600884	45.148	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	298913	45.592	ng	99
62) 4-Nitroaniline	15.60	138	140750	42.750	ng	95
63) Azobenzene	15.86	77	533170	45.708	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	123103	54.426	ng	96
66) n-Nitrosodiphenylamine	15.78	169	531562	46.291	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	199562	44.703	ng	98
68) Hexachlorobenzene	16.58	284	221826	44.353	ng	99
69) Atrazine	16.73	200	206135	52.374	ng	99
70) Pentachlorophenol	16.93	266	234663	92.282	ng	98
71) Phenanthrene	17.31	178	927017	46.721	ng	99
72) Anthracene	17.41	178	944851	48.166	ng	99
73) Carbazole	17.67	167	863462	47.747	ng	99
74) Di-n-butylphthalate	18.23	149	1036091	46.362	ng	100
75) Fluoranthene	19.32	202	1115699	48.608	ng	99
77) Benzidine	19.50	184	382992	36.918	ng	98
78) Pyrene	19.69	202	1120784	46.662	ng	99
80) Butylbenzylphthalate	20.57	149	486872	44.480	ng	99
81) Benzo(a)anthracene	21.50	228	1085154	47.077	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	343350	38.379	ng	99
83) Chrysene	21.56	228	1048994	47.081	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	686635	45.575	ng	99
85) Di-n-octyl phthalate	22.58	149	1229240	47.156	ng	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1362174	46.861	ng	99
88) Benzo(b)fluoranthene	23.62	252	1185430	53.166	ng	99
89) Benzo(k)fluoranthene	23.68	252	1114524	51.287	ng	99
90) Benzo(a)pyrene	24.45	252	1072003	50.851	ng	98
91) Dibenzo(a,h)anthracene	28.13	278	1130836	54.202	ng	99
92) Benzo(g,h,i)perylene	29.16	276	1149719	55.048	ng	99

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



#1

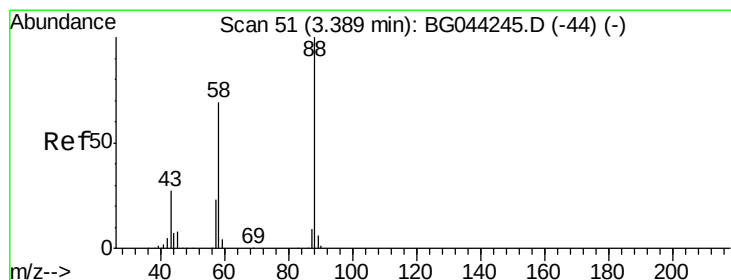
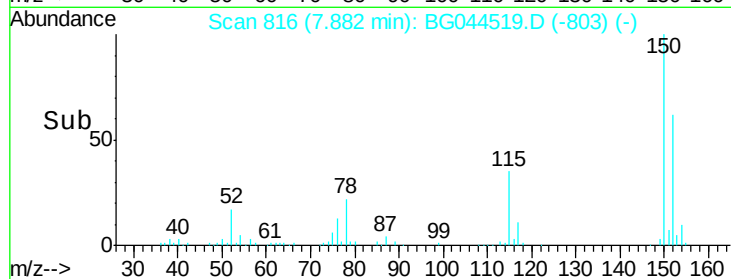
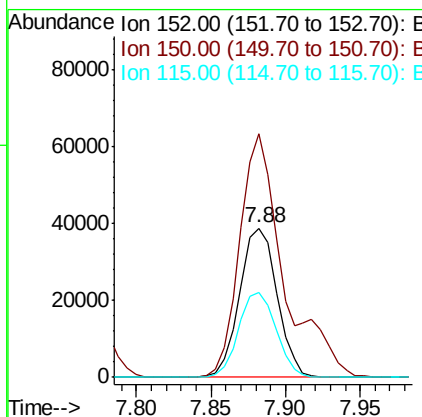
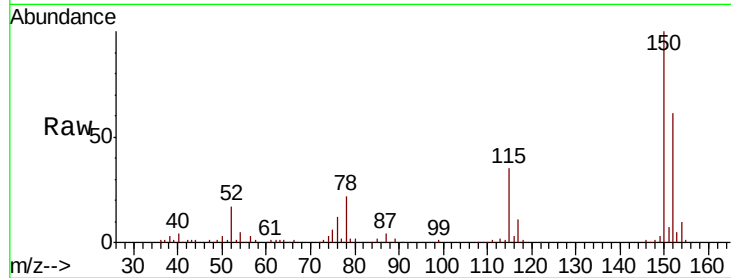
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	122.6	183.8
115	57.1	46.0	69.0

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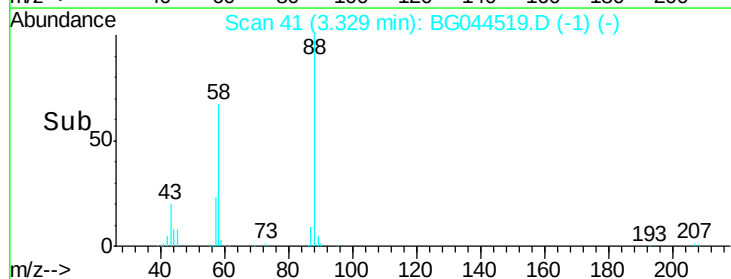
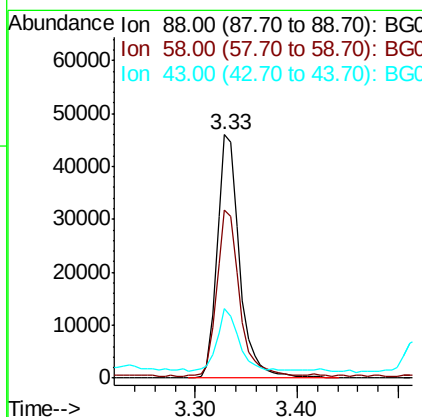
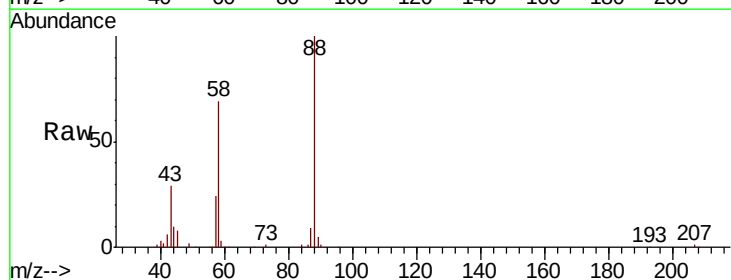
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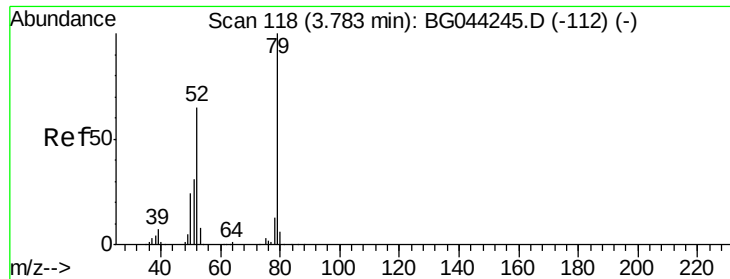


#2

1,4-Dioxane
Concen: 40.966 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.03 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	55.8	83.6
43	24.8	21.6	32.4





#3

Pvridine

Concen: 36.013 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.03 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

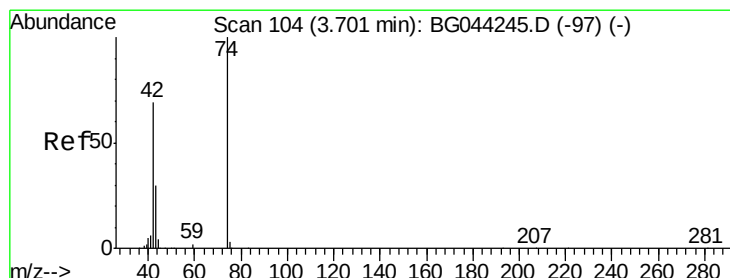
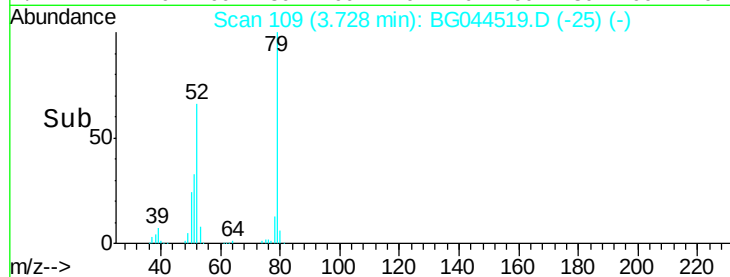
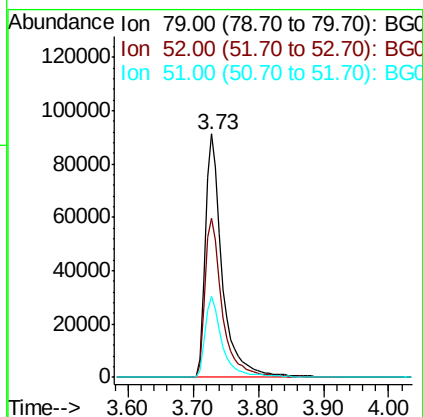
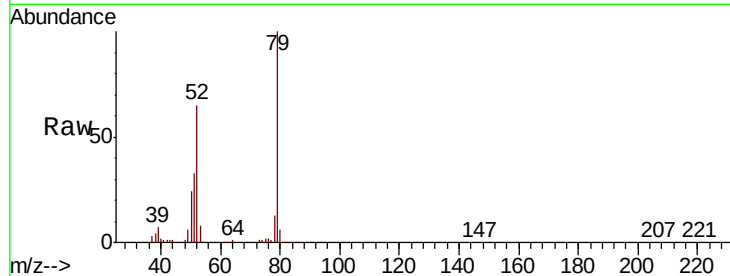
ClientSampleId :

PB126924BSD

Tot Ion:	79	Resp:	164408
Ion Ratio	Lower	Upper	
79	100		
52	65.4	51.9	77.9
51	33.2	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 43.488 ng

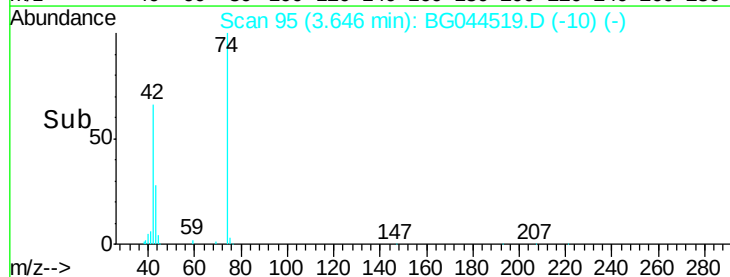
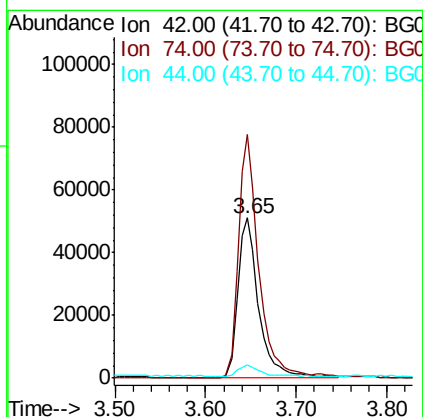
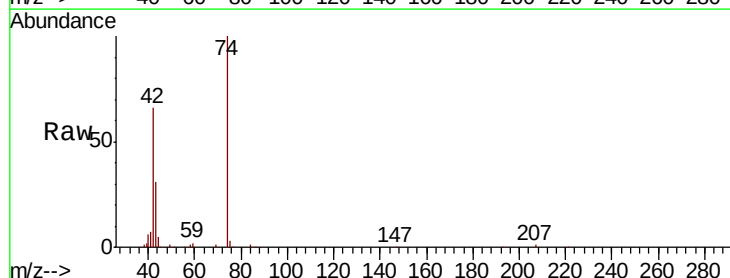
RT: 3.65 min Scan# 95

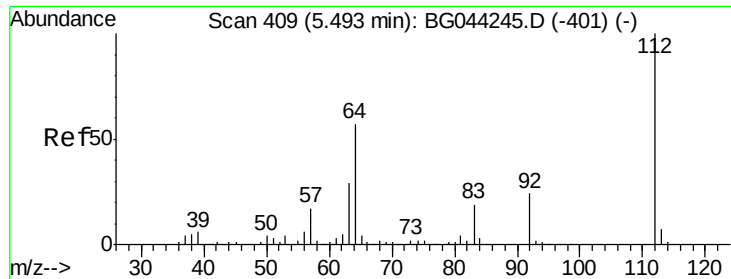
Delta R.T. -0.03 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:	42	Resp:	82963
Ion Ratio	Lower	Upper	
42	100		
74	151.9	115.1	172.7
44	8.0	5.6	8.4





#5

2-Fluorophenol

Concen: 140.899 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

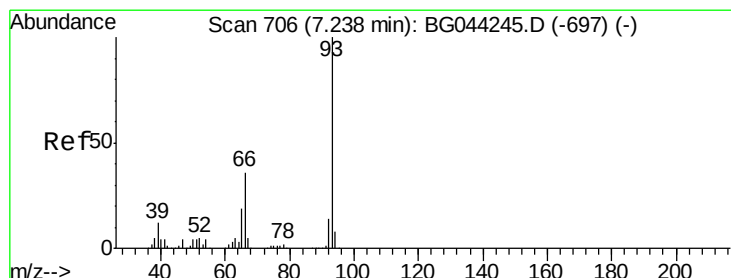
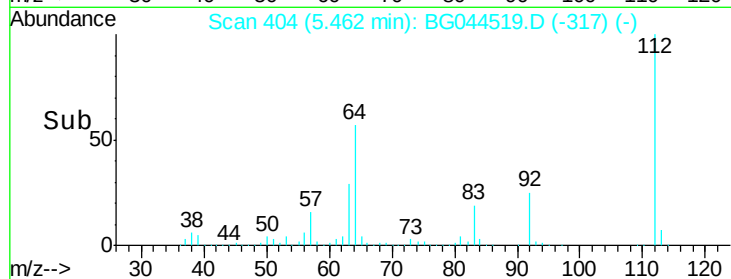
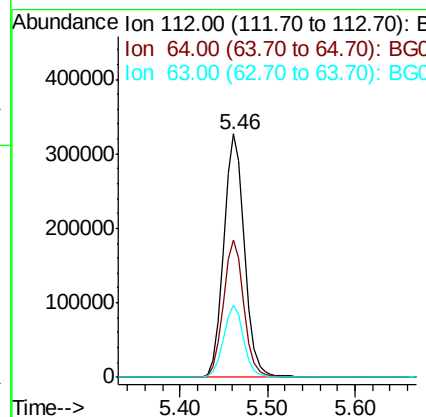
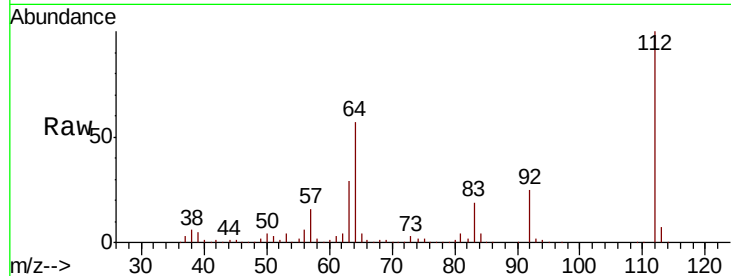
ClientSampleId :

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Tot Ion:	112	Resp:	537373
Ion Ratio	Lower	Upper	
112	100		
64	56.5	45.4	68.2
63	29.4	22.9	34.3

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#6

Aniline

Concen: 37.126 ng

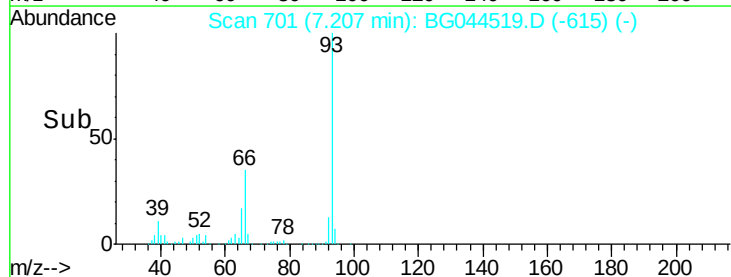
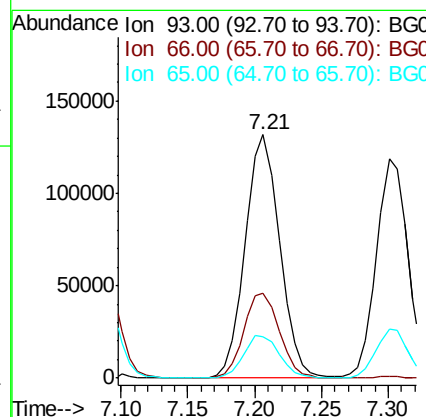
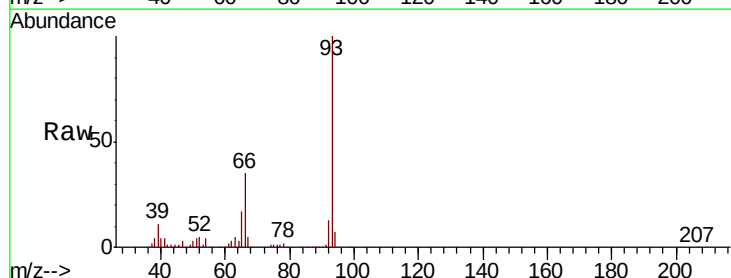
RT: 7.21 min Scan# 701

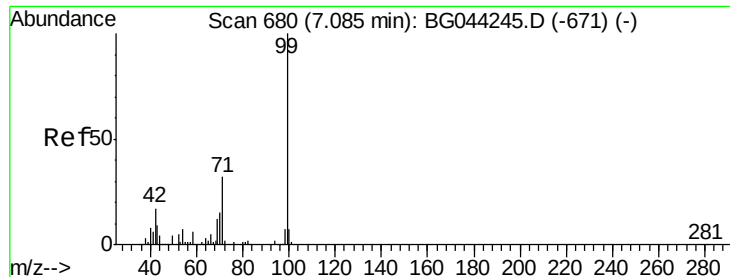
Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:	93	Resp:	236016
Ion Ratio	Lower	Upper	
93	100		
66	34.9	28.7	43.1
65	17.3	15.4	23.0





#7

Phenol-d6

Concen: 140.684 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

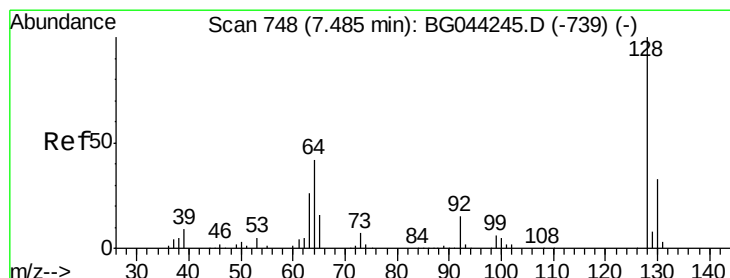
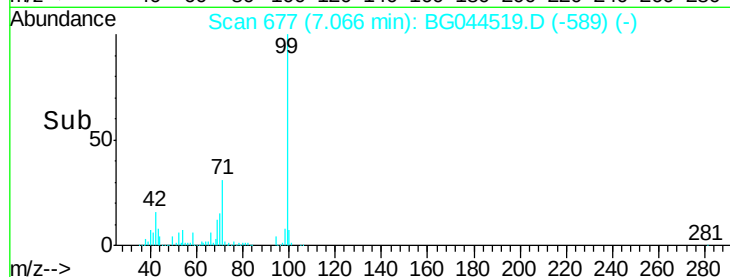
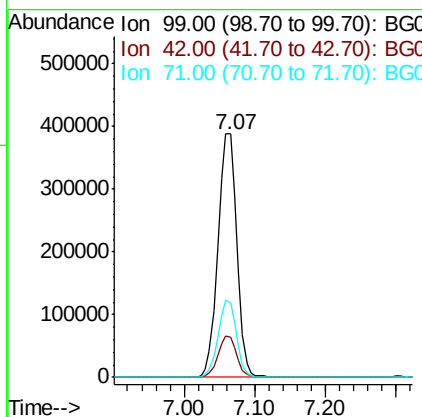
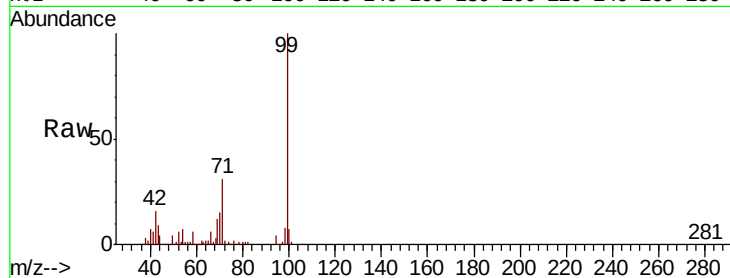
ClientSampleId :

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Tot Ion:	99	Resp:	720508
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.8	20.6
71	30.5	25.5	38.3

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#8

2-Chlorophenol

Concen: 51.436 ng

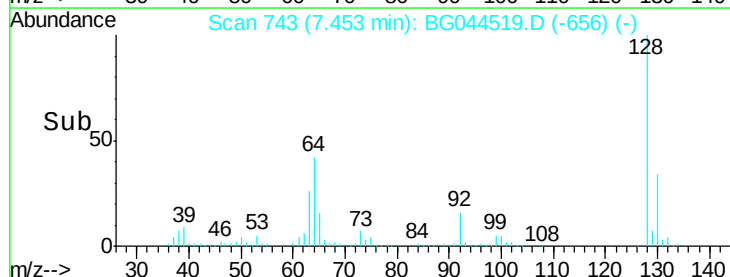
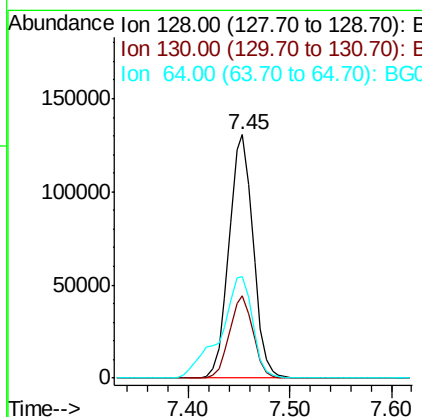
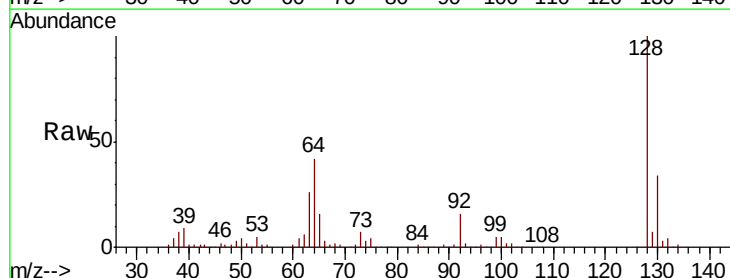
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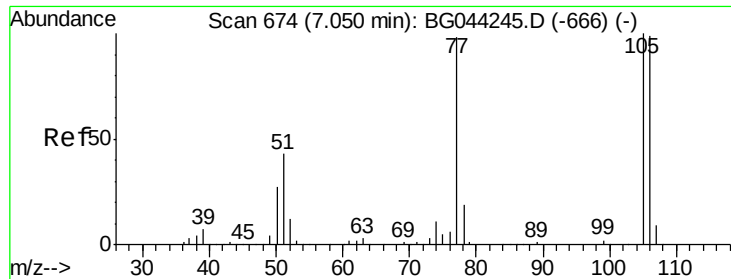
Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:	128	Resp:	215598
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.5	52.5
64	41.8	24.2	64.2





#9

Benzaldehyde

Concen: 30.592 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

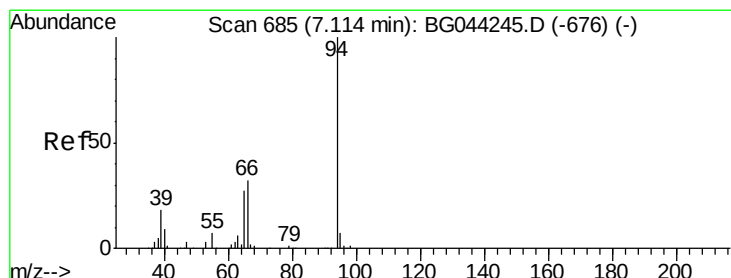
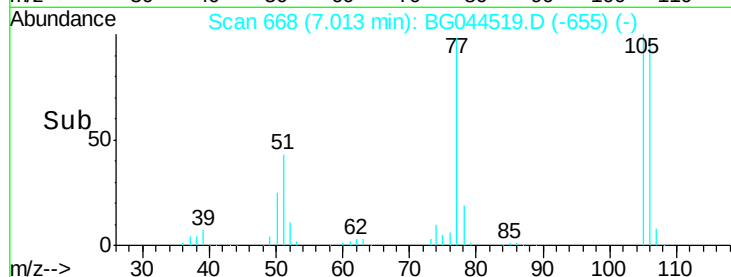
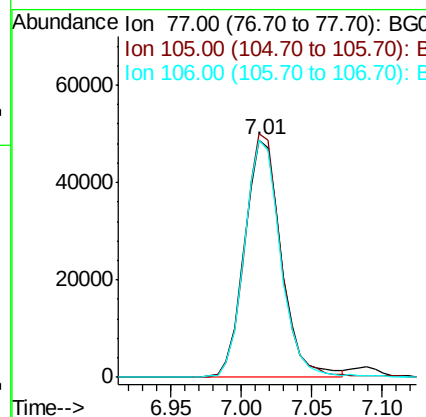
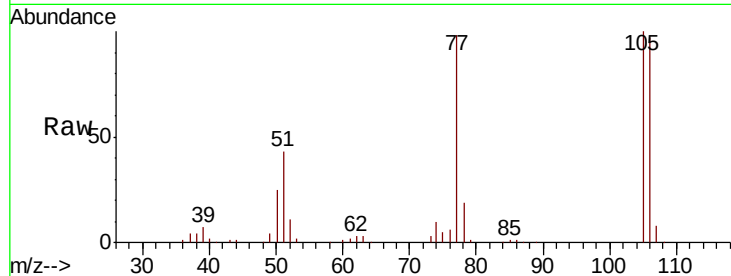
ClientSampleId :

PB126924BSD

Tot Ion:	77	Resp:	89233
Ion	Ratio	Lower	Upper
77	100		
105	102.6	82.0	122.0
106	99.8	80.7	120.7

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#10

Phenol

Concen: 52.550 ng

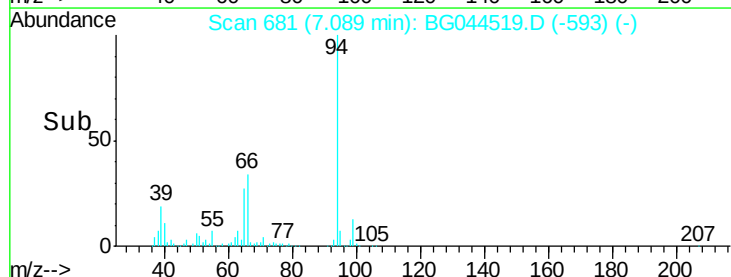
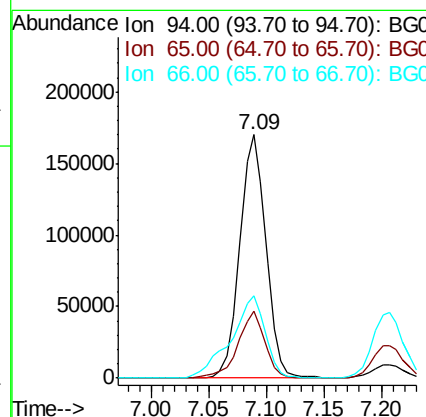
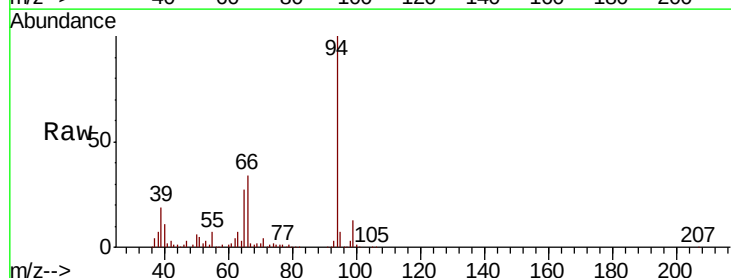
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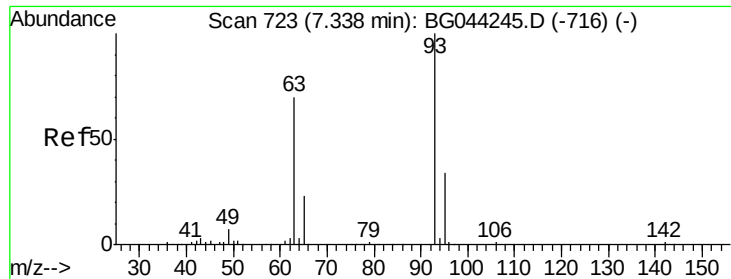
Delta R.T. -0.01 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:	94	Resp:	266353
Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.0	47.0
66	33.9	12.7	52.7





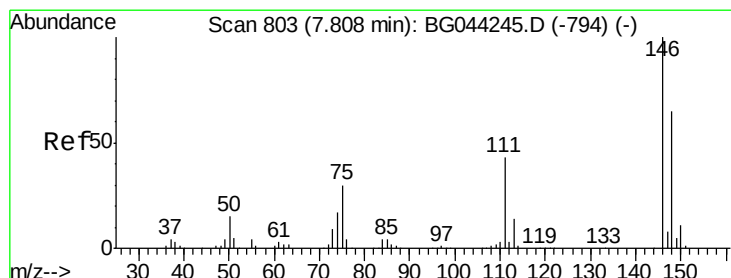
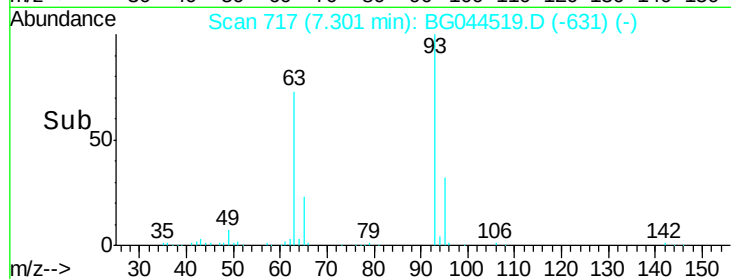
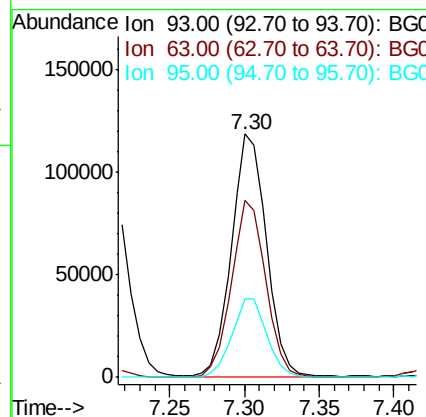
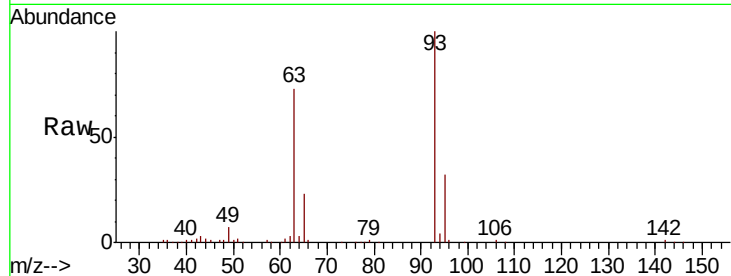
#11
bis(2-Chloroethyl)ether
Concen: 44.514 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	93	Resp	192892
Ion Ratio	Lower	Upper	
93	100		
63	72.6	49.2	89.2
95	32.5	13.6	53.6

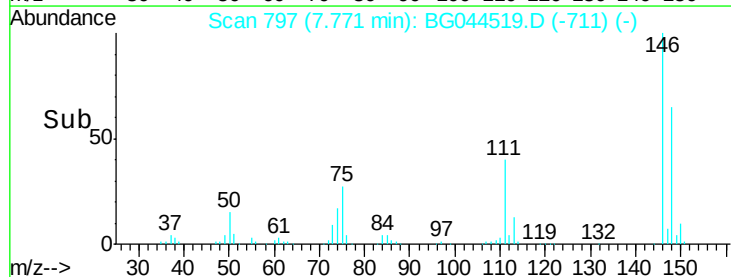
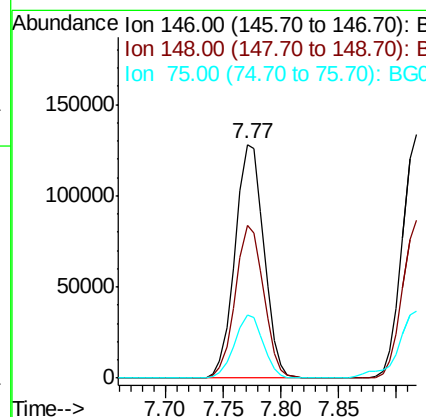
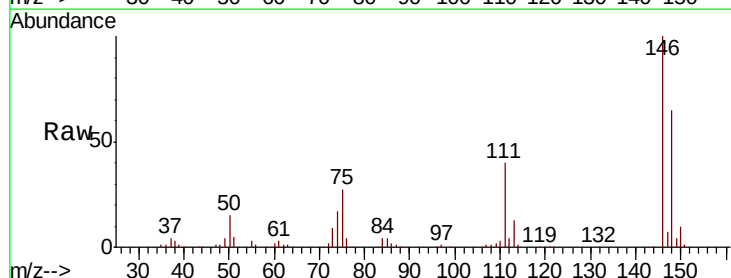
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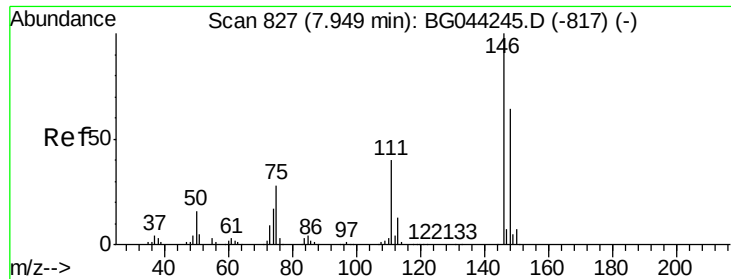
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.406 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	146	Resp	222235
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.8
75	27.0	23.7	35.5





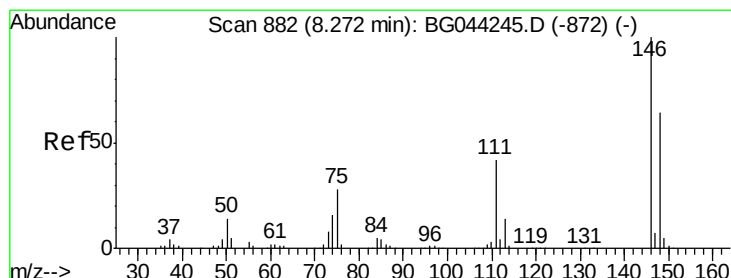
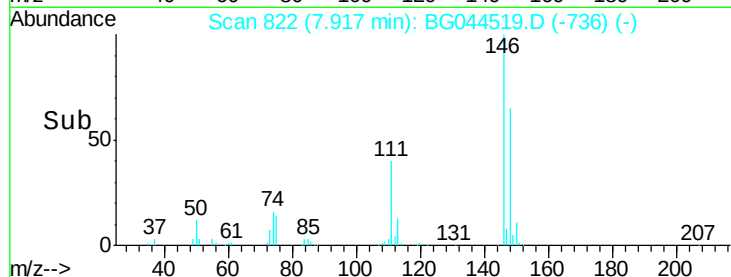
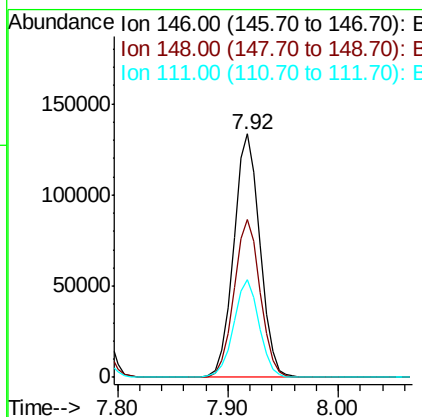
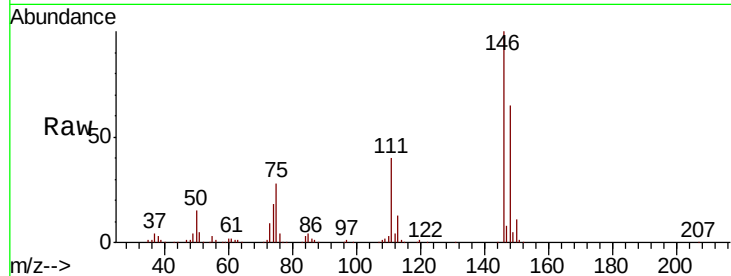
#13
 1,4-Dichlorobenzene
 Concen: 44.742 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	40.1	31.8	47.8

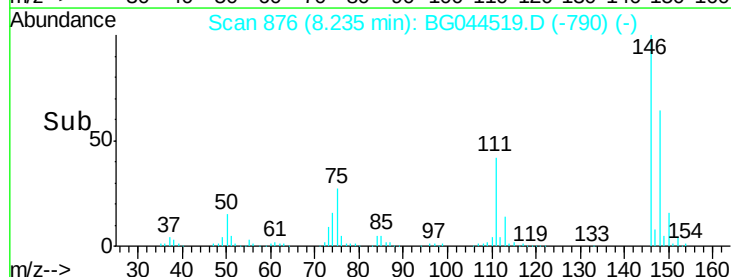
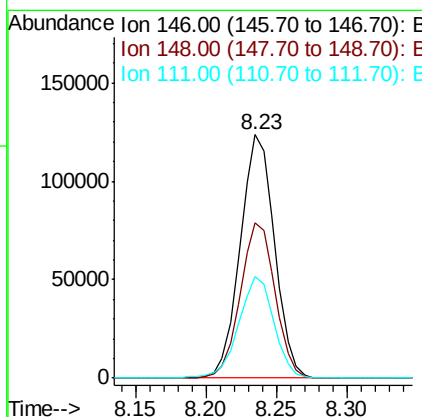
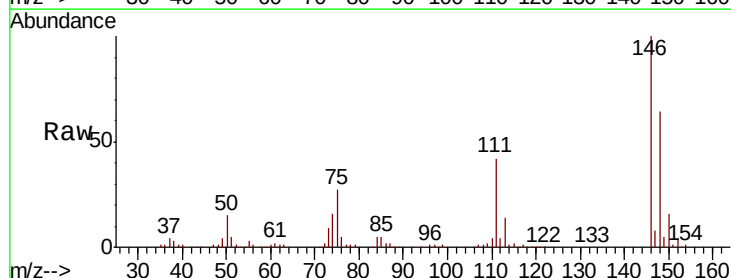
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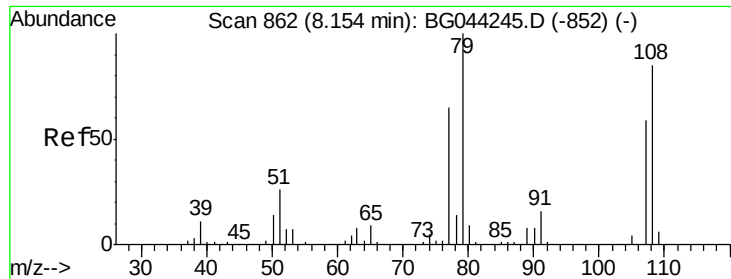
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.858 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	41.9	34.0	51.0





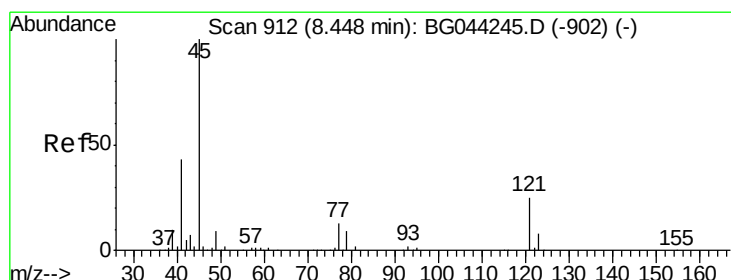
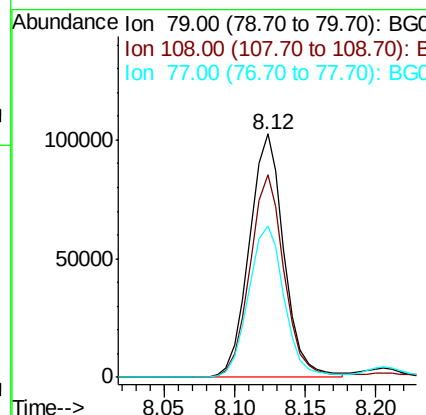
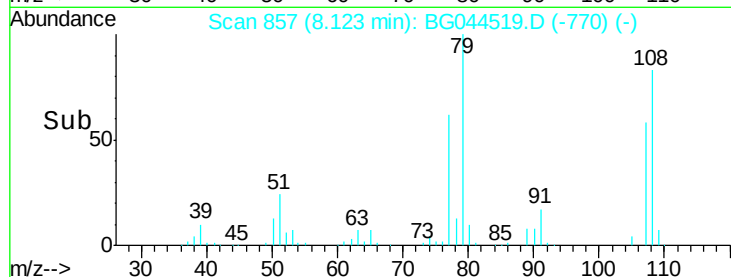
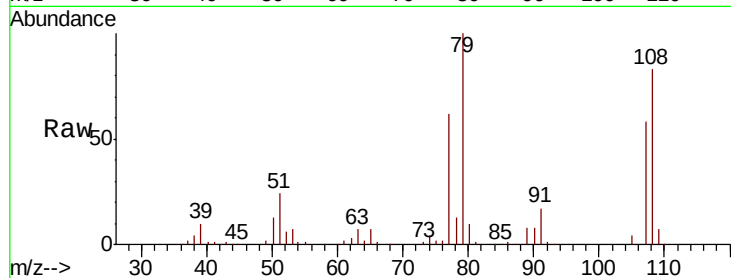
#15
Benzyl Alcohol
Concen: 48.676 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampled :
PB126924BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	68.3	102.5
77	62.4	51.8	77.8

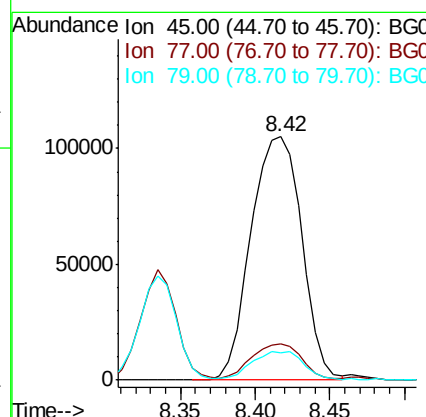
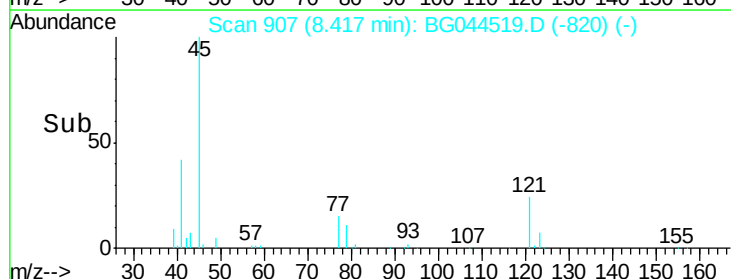
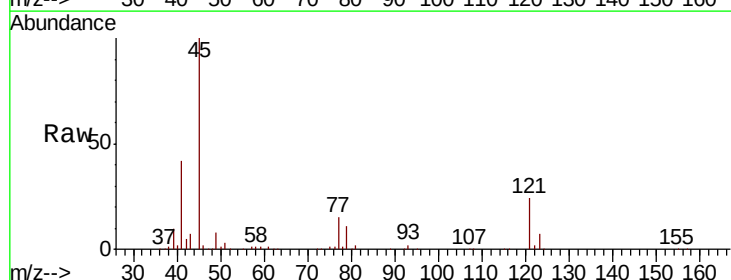
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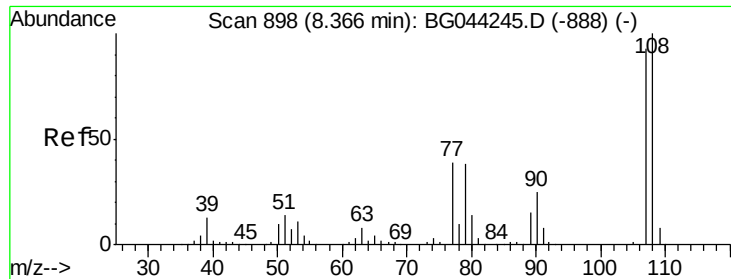
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.378 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.2
79	11.3	0.0	31.1





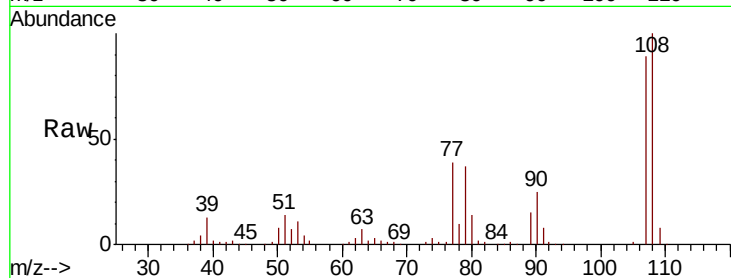
#17
2-Methylphenol
Concen: 51.579 ng
RT: 8.33 min Scan# 893
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

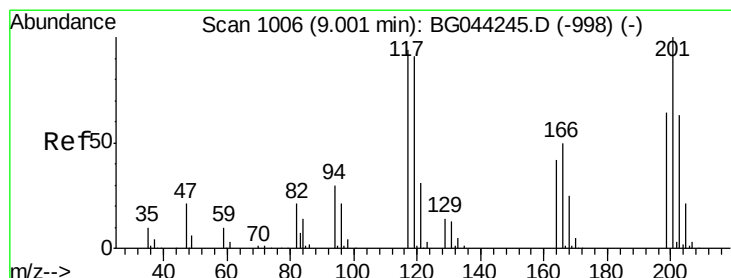
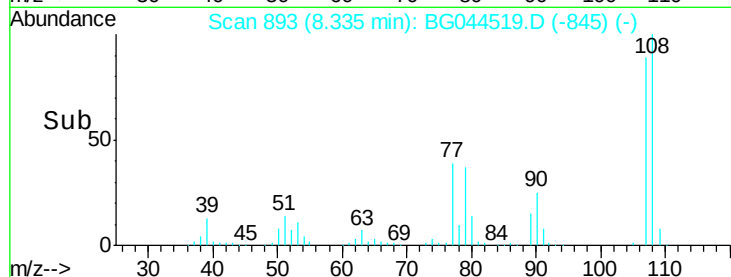
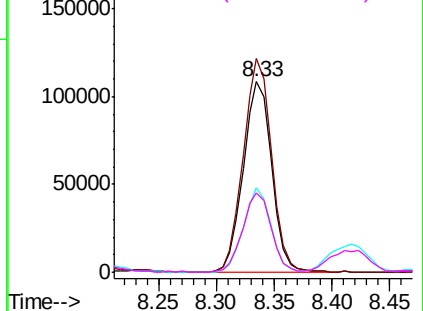
Tot Ion:	107	Resp:	186527
Ion Ratio	Lower	Upper	
107	100		
108	112.2	86.4	129.6
77	44.1	34.0	51.0
79	41.6	32.9	49.3

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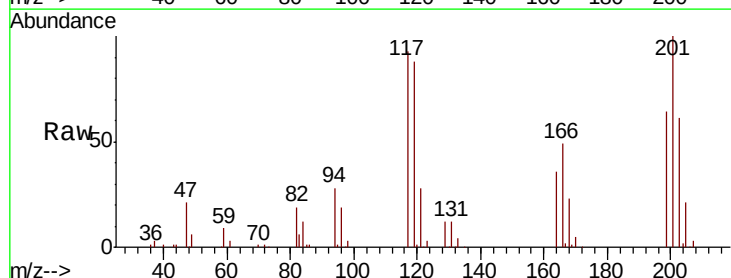


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

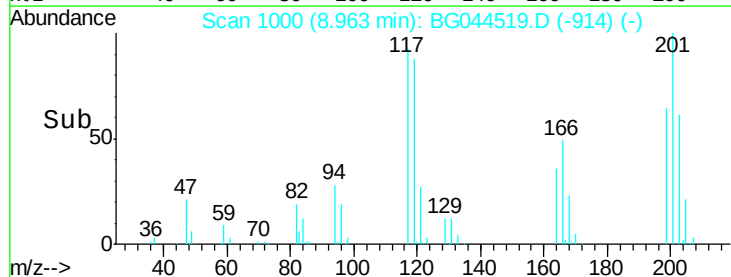
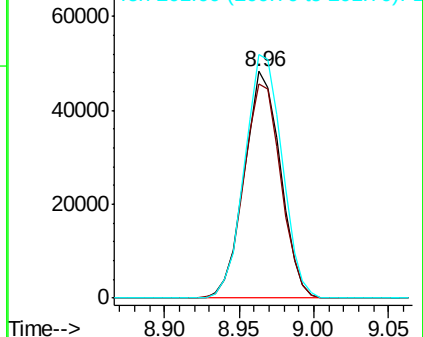


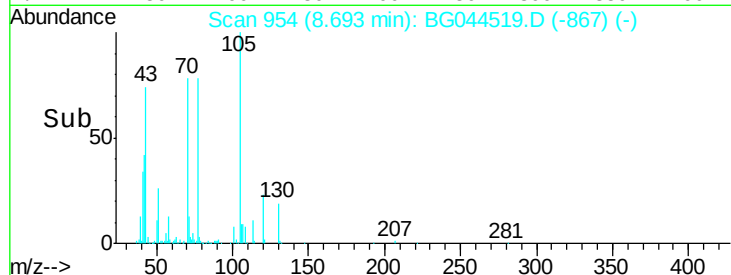
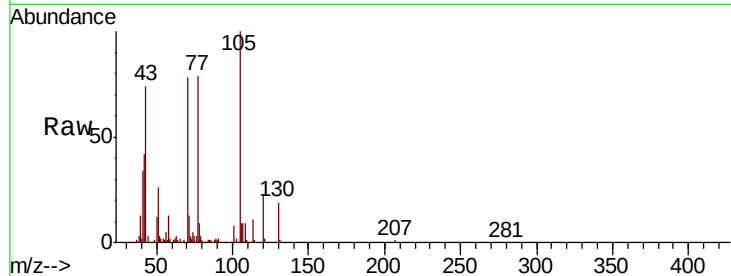
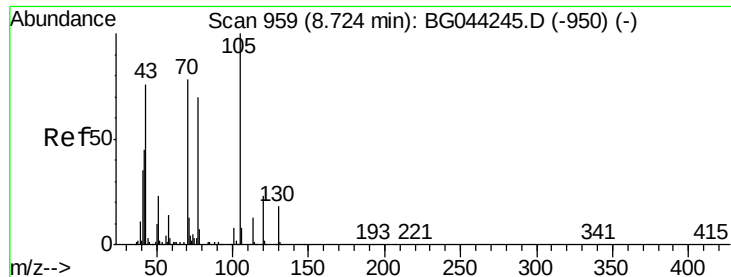
#18
Hexachloroethane
Concen: 43.561 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion:	117	Resp:	81025
Ion Ratio	Lower	Upper	
117	100		
119	94.6	77.5	116.3
201	107.5	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





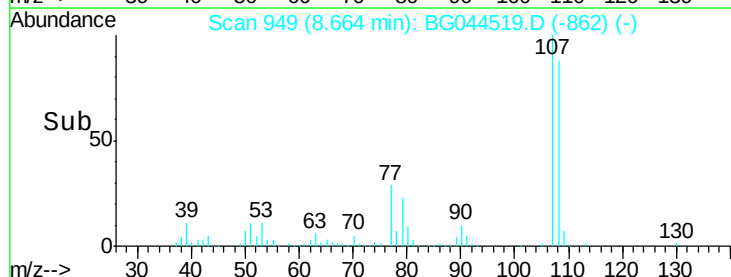
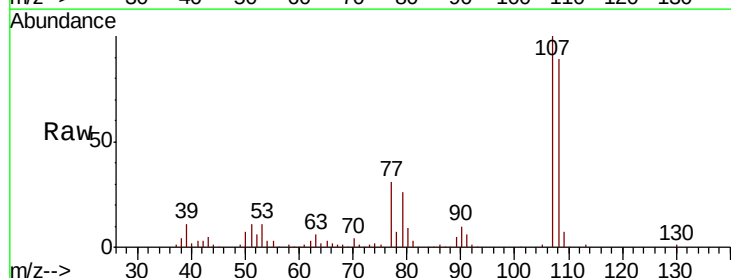
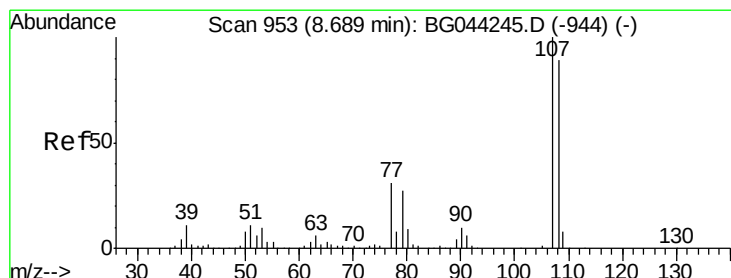
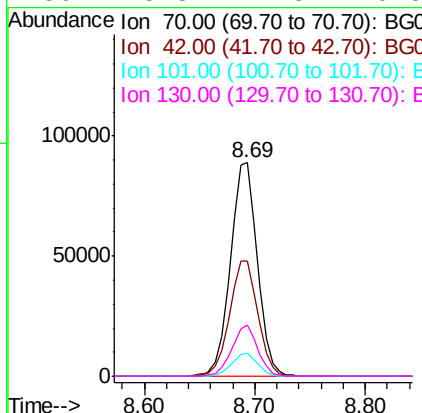
#19
n-Nitroso-di-n-propylamine
Concen: 44.486 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampled :
PB126924BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	46.2	69.2
101	10.5	8.4	12.6
130	23.8	17.8	26.8

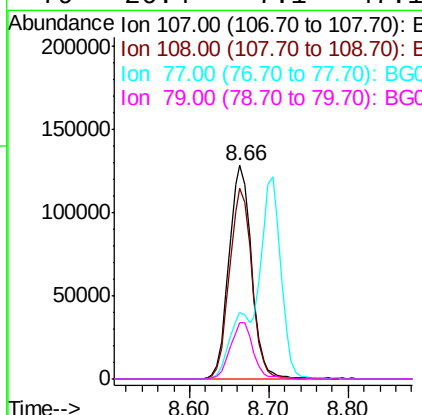
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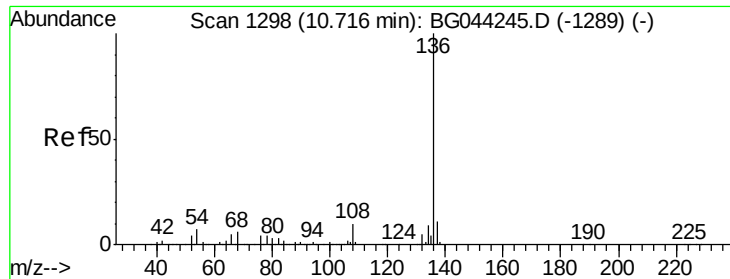
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#20
3+4-Methylphenols
Concen: 51.126 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.5	108.5
77	31.2	10.9	50.9
79	26.4	7.1	47.1





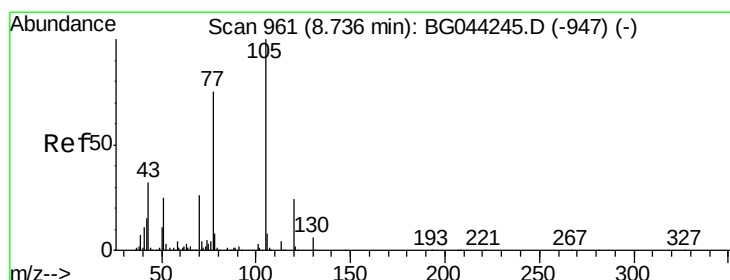
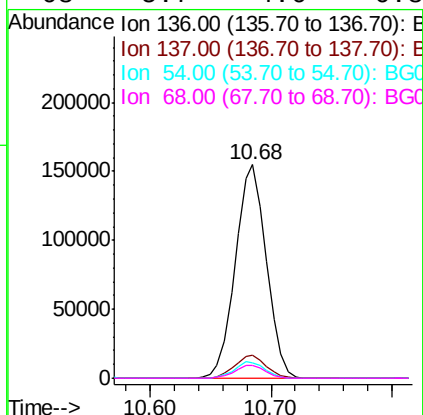
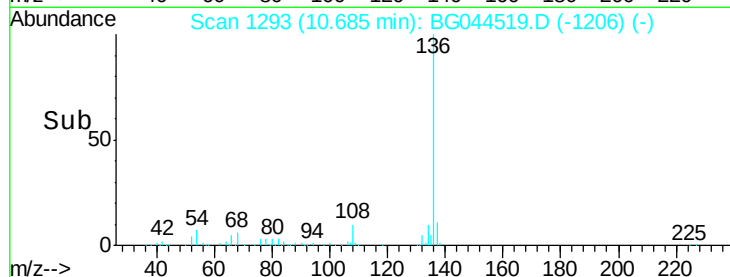
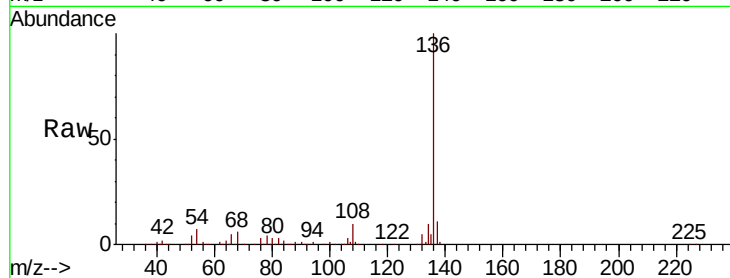
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	275469		
137	11.0		8.8	13.2
54	7.3		5.8	8.8
68	5.7		4.6	6.8

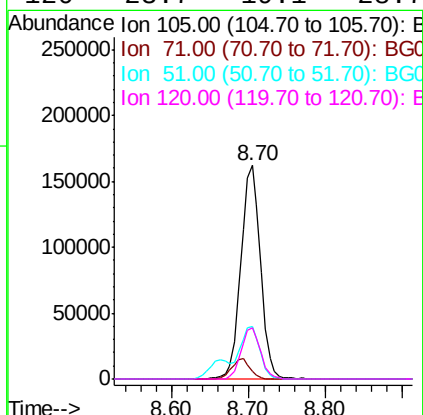
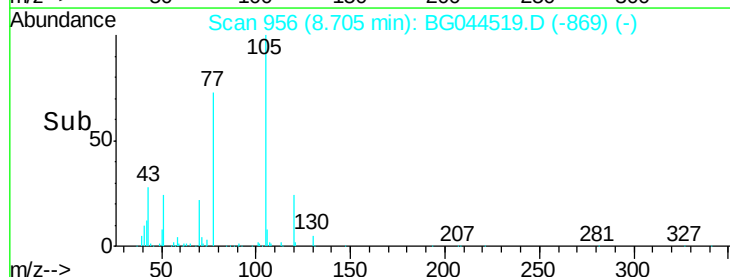
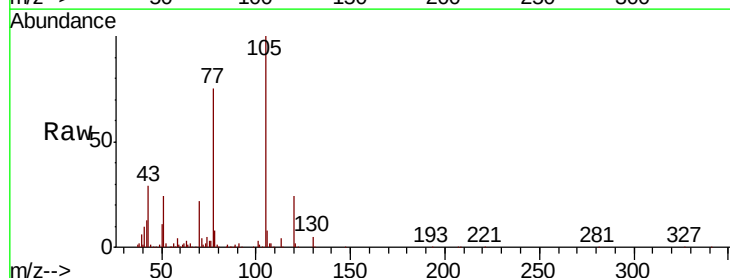
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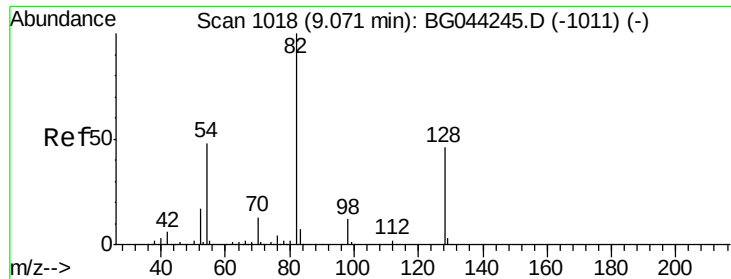
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#22
Acetophenone
Concen: 43.254 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289858		
71	3.6		3.4	5.0
51	24.3		20.2	30.4
120	23.7		19.1	28.7





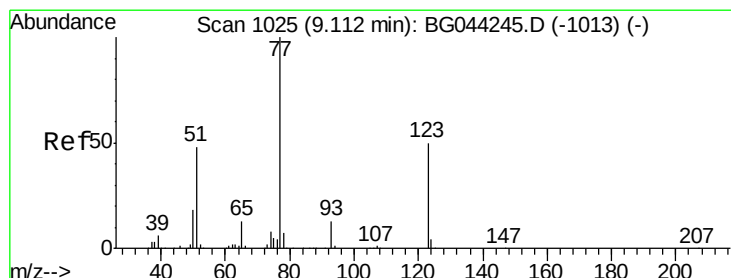
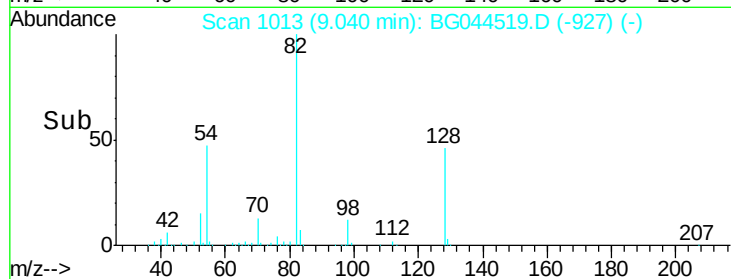
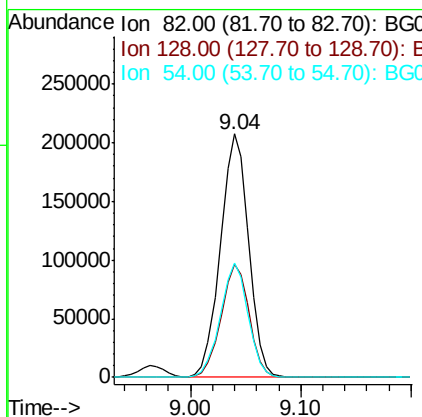
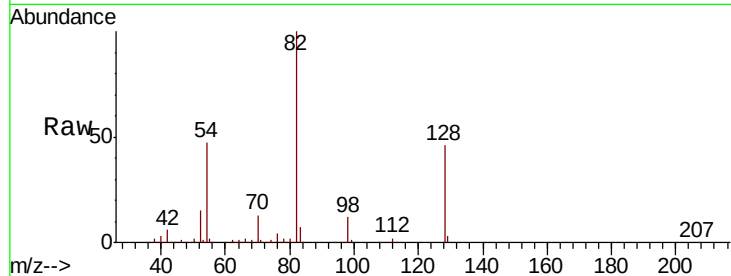
#23
 Nitrobenzene-d5
 Concen: 75.731 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	369517		
128	46.3		36.5	54.7
54	47.2		38.6	58.0

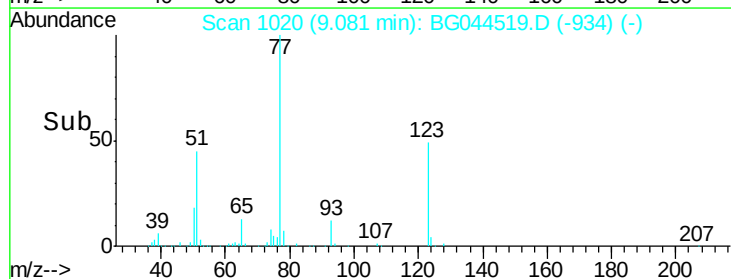
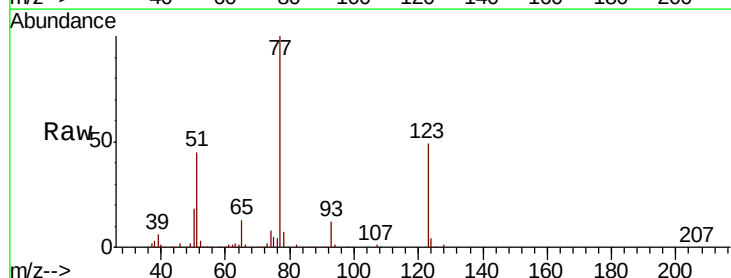
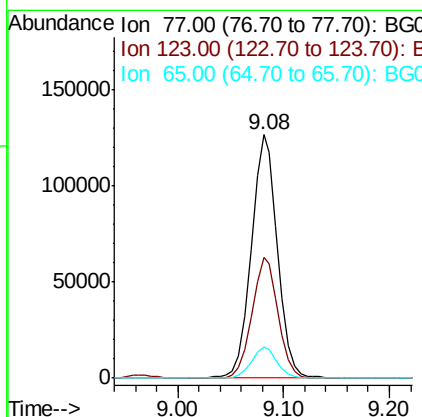
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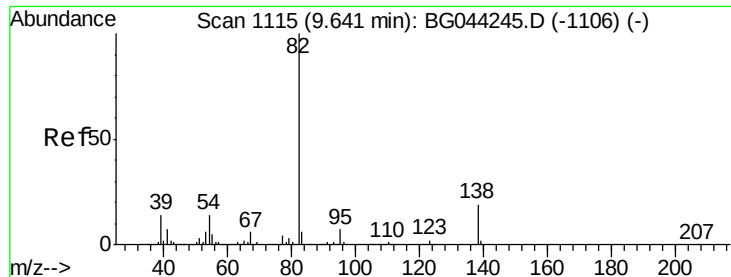
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#24
 Nitrobenzene
 Concen: 45.775 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	218045		
123	49.4		39.9	59.9
65	13.0		10.4	15.6





#25

Isophorone

Concen: 46.598 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

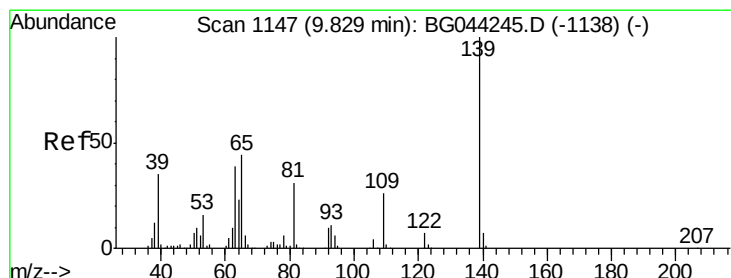
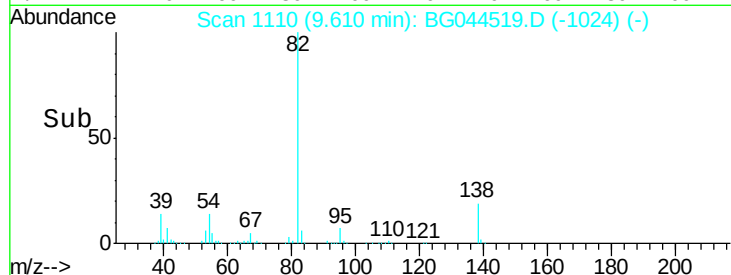
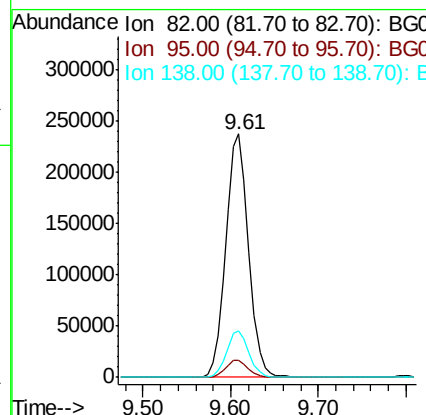
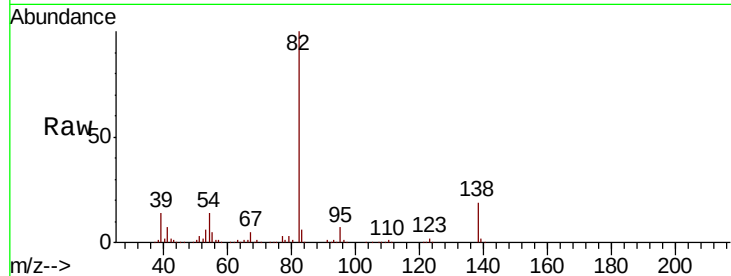
ClientSampleId :

PB126924BSD

Tot Ion:	82	Resp:	423782
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	19.2	15.0	22.4

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#26

2-Nitrophenol

Concen: 49.990 ng

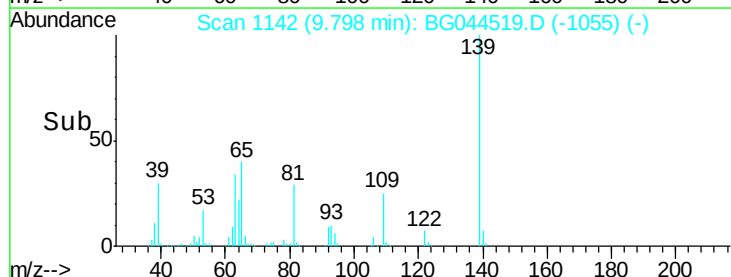
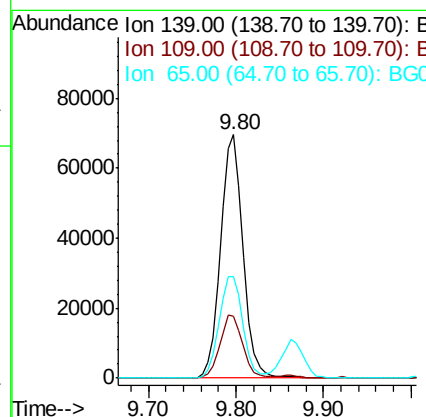
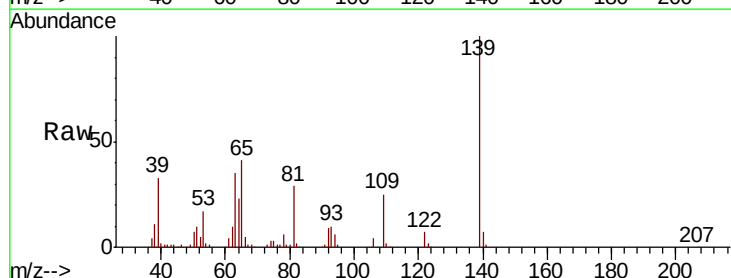
RT: 9.80 min Scan# 1142

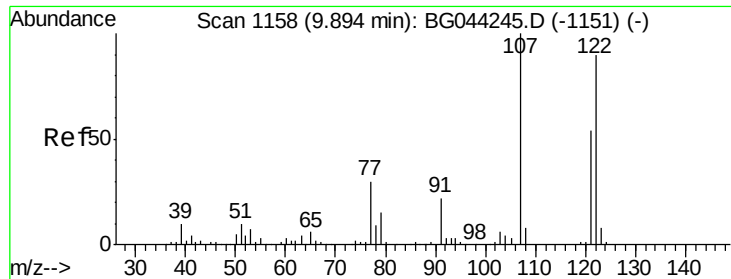
Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:	139	Resp:	123560
Ion	Ratio	Lower	Upper
139	100		
109	25.5	21.0	31.4
65	41.5	35.0	52.4





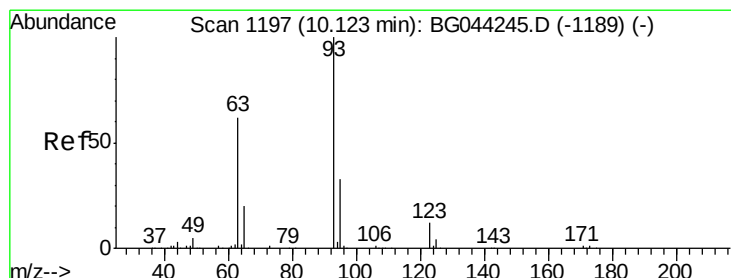
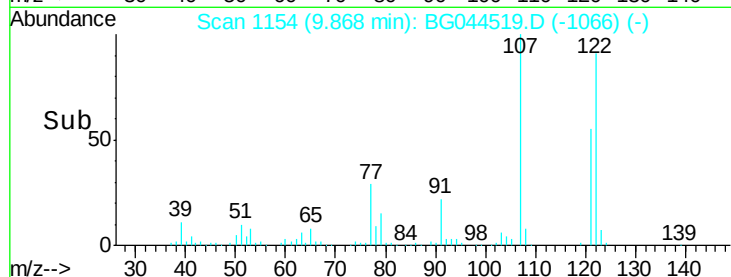
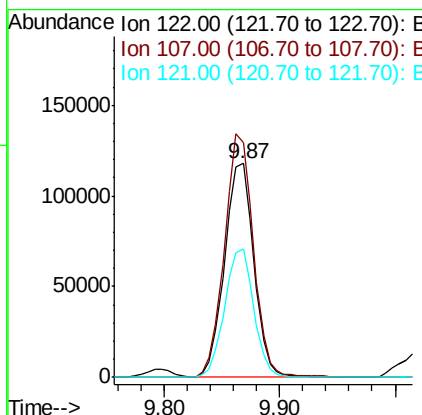
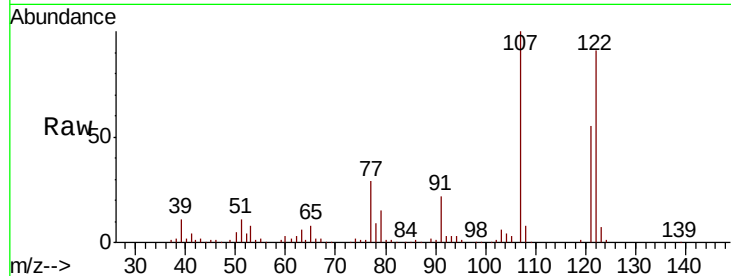
#27
 2,4-Dimethylphenol
 Concen: 59.043 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	206004		
107	109.5		88.8	133.2
121	60.2		48.3	72.5

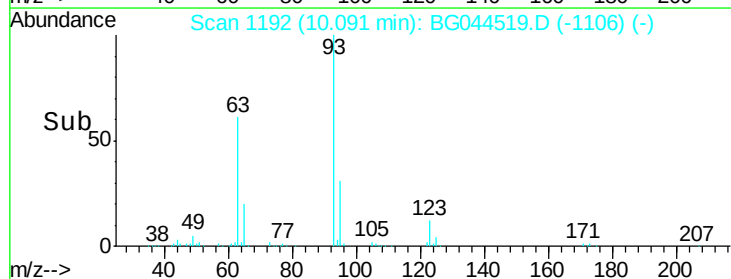
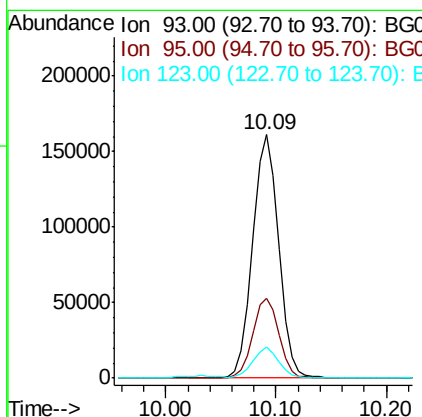
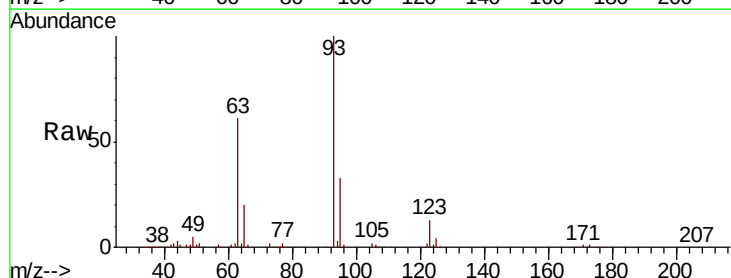
Manual Integrations
 APPROVED

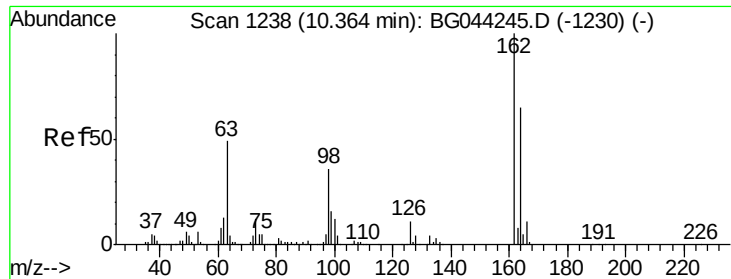
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.072 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	267381		
95	33.0		26.6	40.0
123	12.6		10.0	15.0





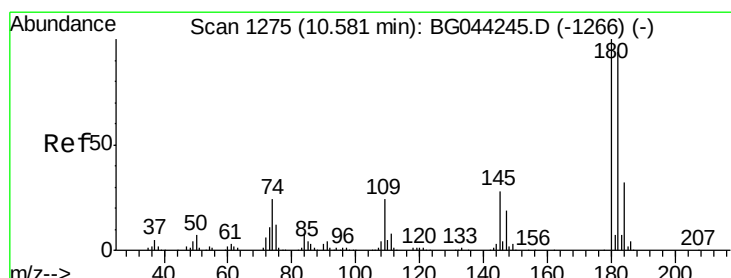
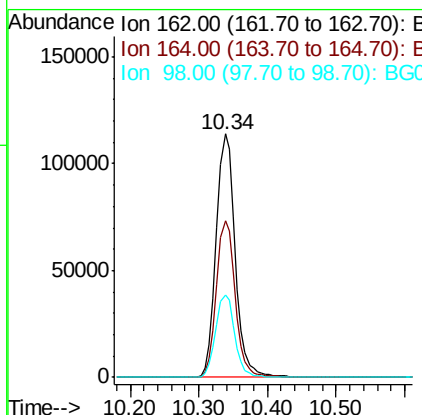
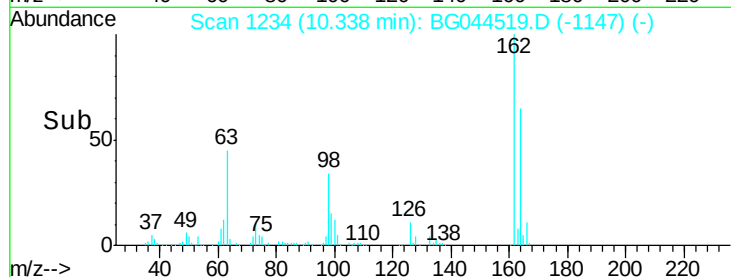
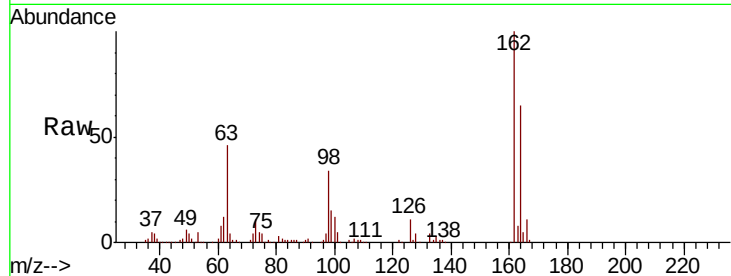
#29
2,4-Dichlorophenol
Concen: 51.892 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	218923		
164	64.5		44.7	84.7
98	33.9		15.8	55.8

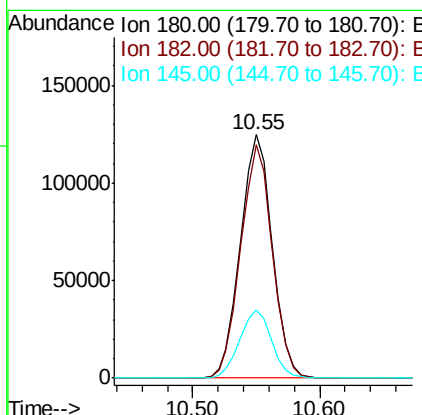
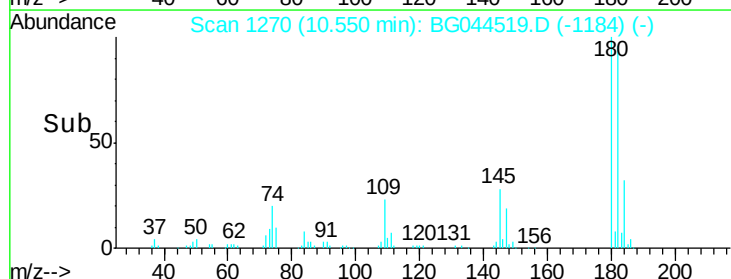
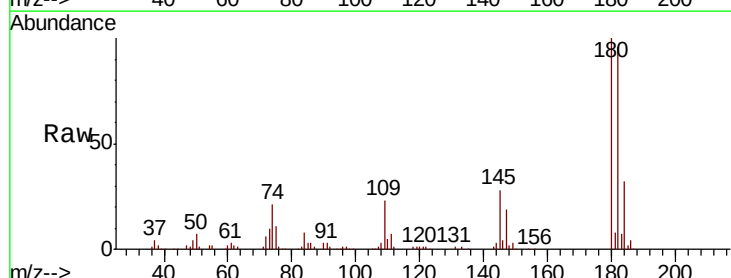
Manual Integrations
APPROVED

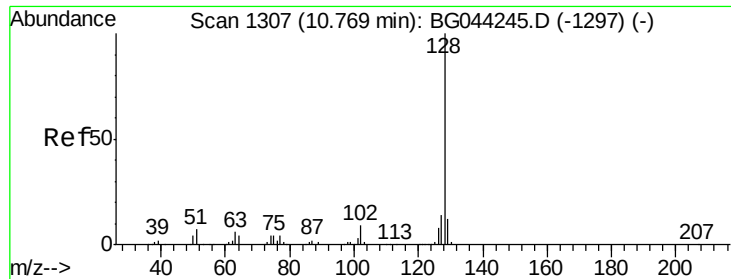
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.896 ng
RT: 10.55 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	217187		
182	95.7		75.5	113.3
145	27.9		22.6	34.0





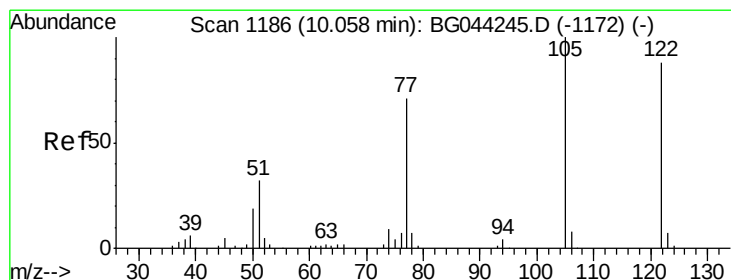
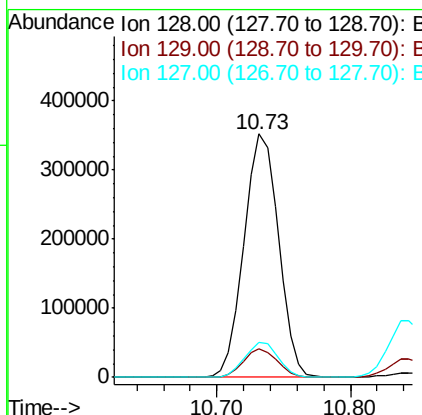
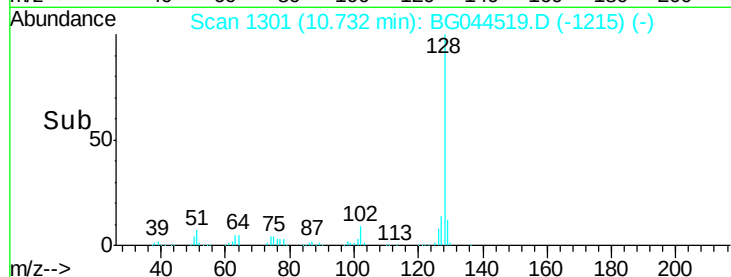
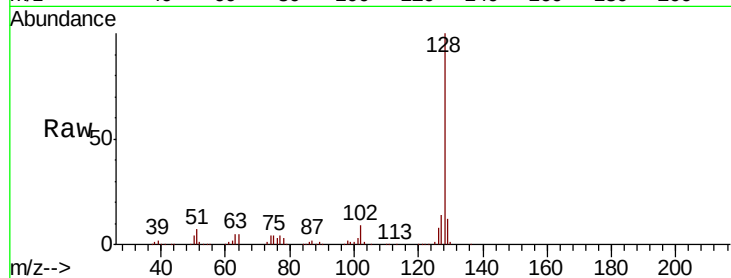
#31
Naphthalene
Concen: 47.162 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion:128	Resp:	630321
Ion Ratio	Lower	Upper
128	100	
129	11.8	9.3 13.9
127	14.3	11.6 17.4

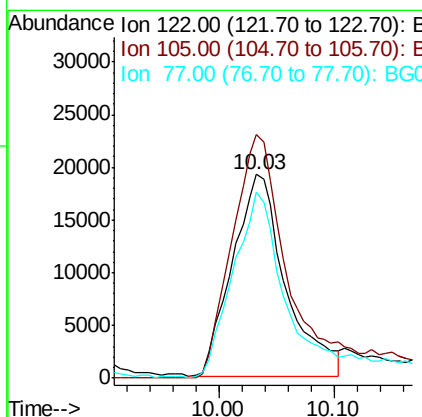
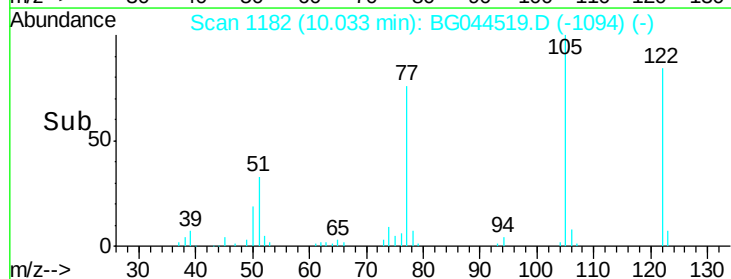
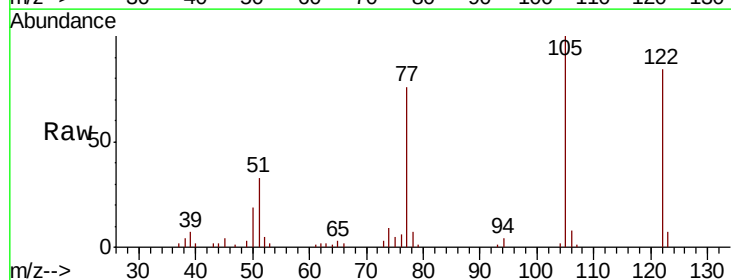
Manual Integrations
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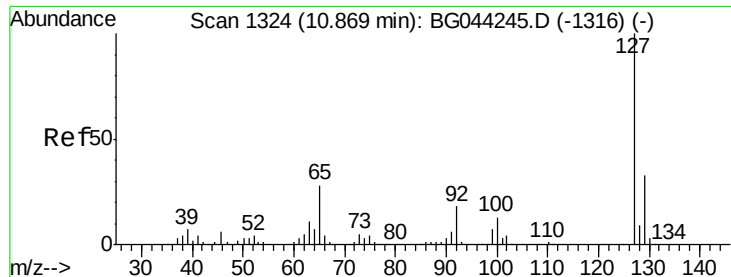
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#32
Benzoic acid
Concen: 32.951 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion:122	Resp:	61241
Ion Ratio	Lower	Upper
122	100	
105	119.4	93.5 133.5
77	91.1	61.0 101.0





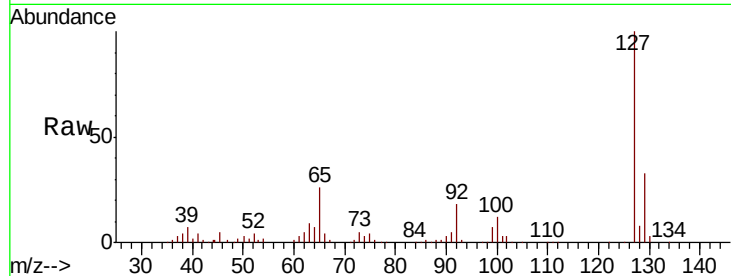
#33
 4-Chloroaniline
 Concen: 27.492 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		167107		
129	33.1	26.6	40.0		
65	26.5	22.5	33.7		
92	18.4	14.1	21.1		

Manual Integrations
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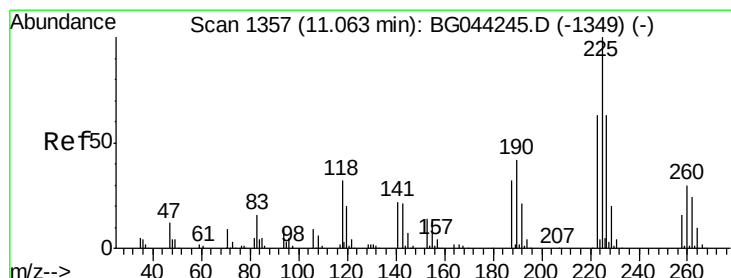
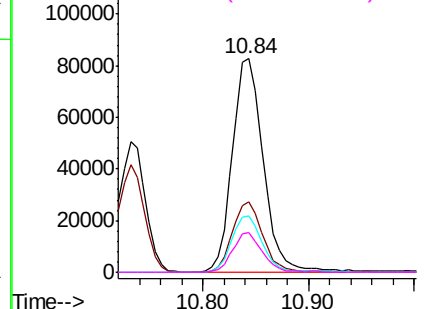
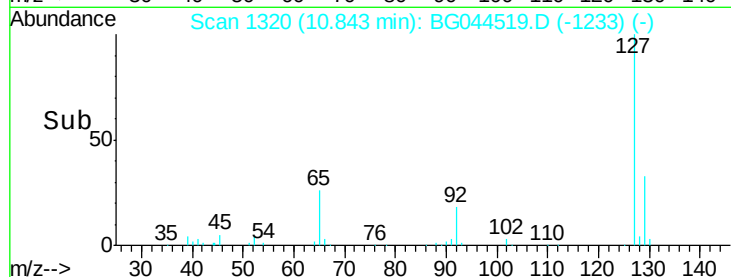
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

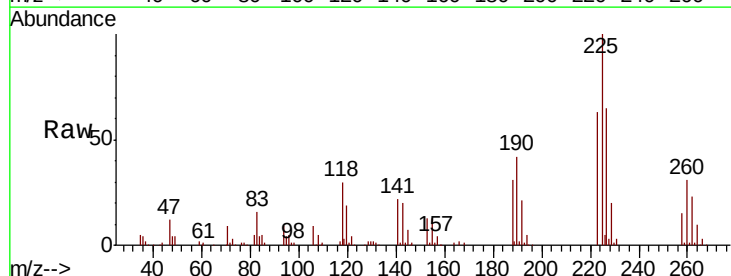
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
 Hexachlorobutadiene
 Concen: 43.322 ng
 RT: 11.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		128954		
223	63.4	50.2	75.4		
227	64.6	50.8	76.2		

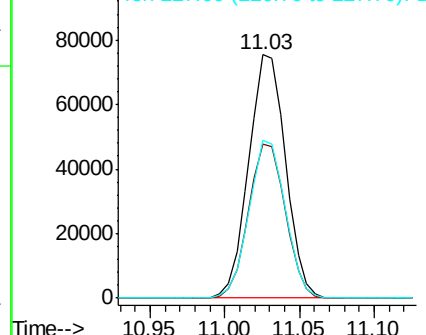
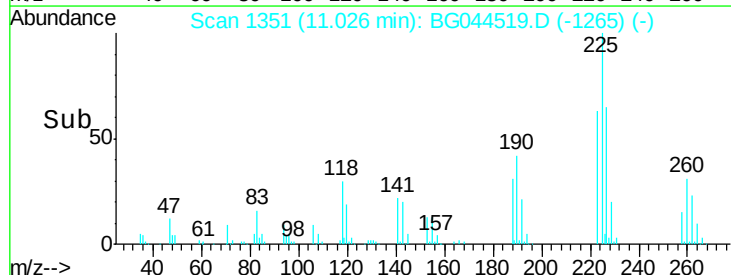


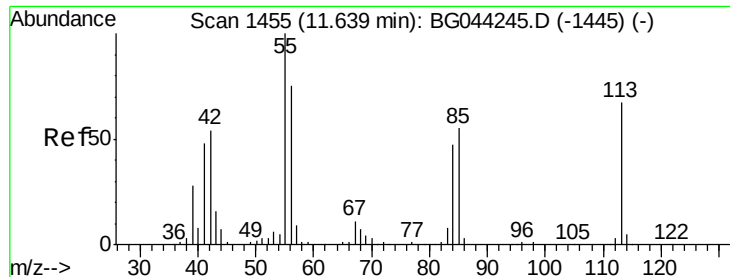
Abundance

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





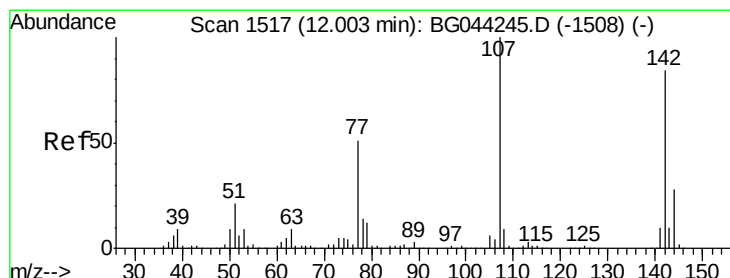
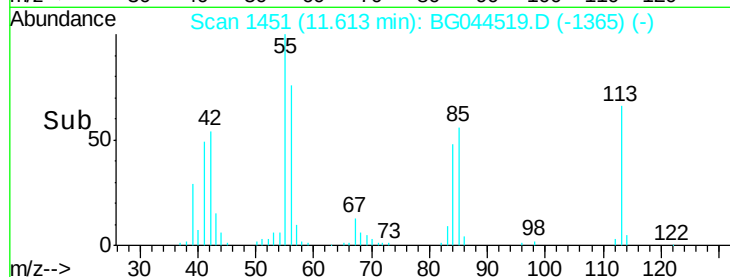
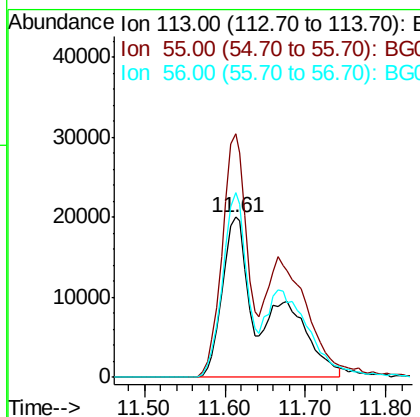
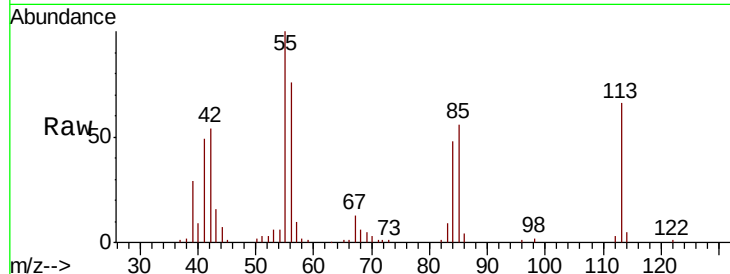
#35
Caprolactam
Concen: 50.492 ng/ml
RT: 11.61 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.1	129.9	169.9
56	115.2	92.5	132.5

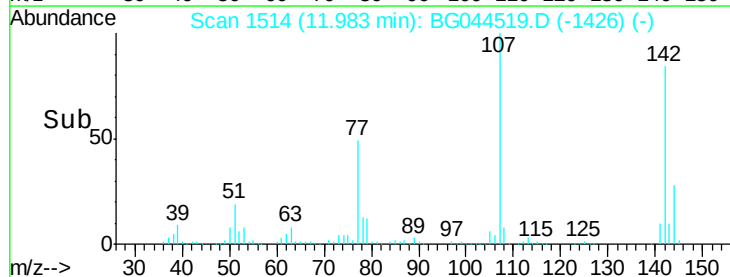
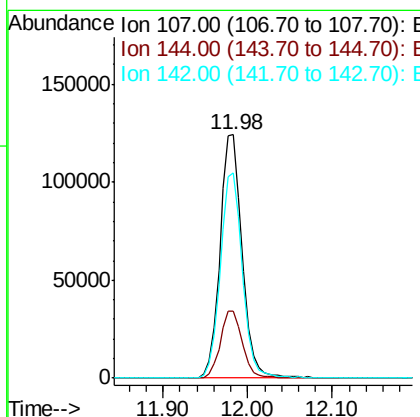
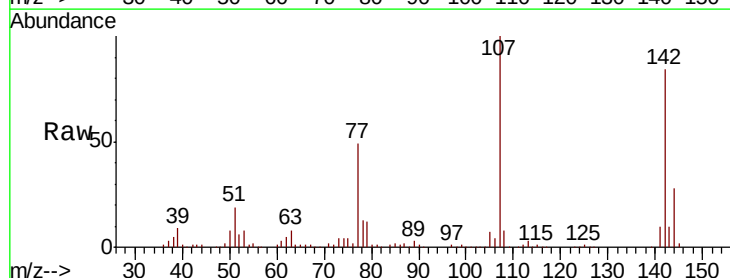
Manual Integrations
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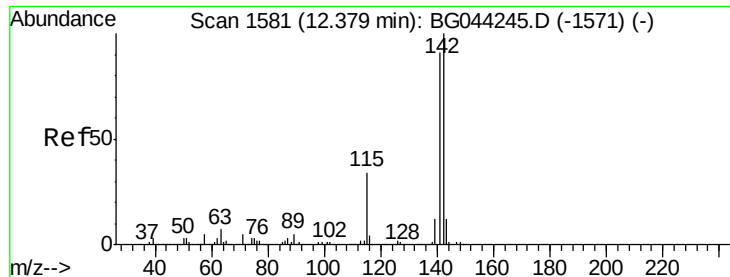
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#36
4-Chloro-3-methylphenol
Concen: 51.005 ng/ml
RT: 11.98 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.2	33.4
142	84.2	67.4	101.0





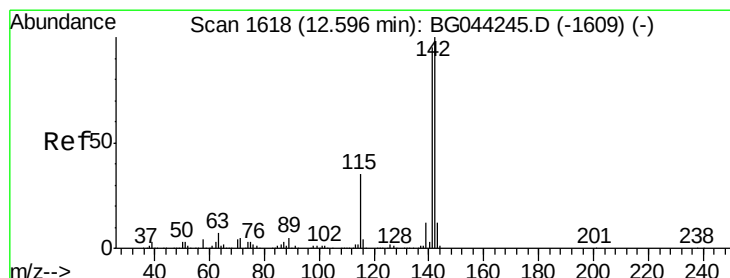
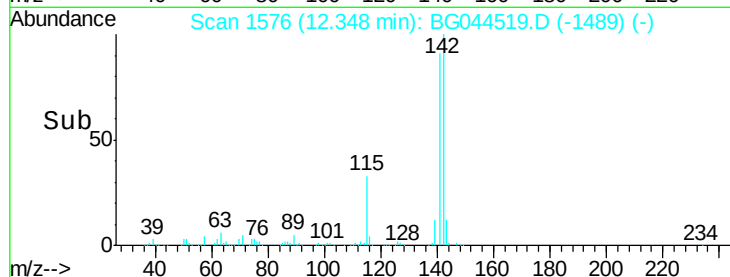
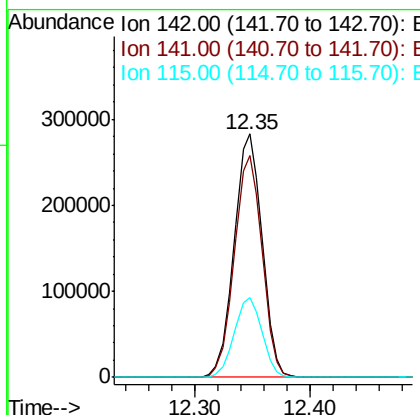
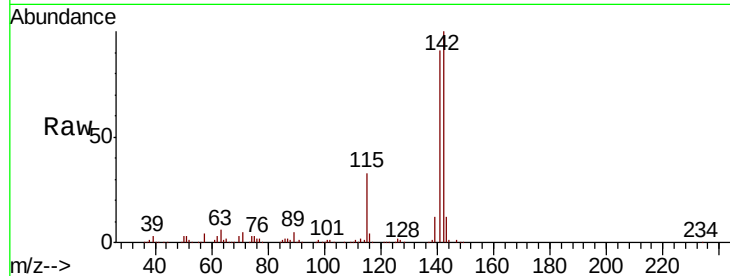
#37
 2-Methylnaphthalene
 Concen: 47.752 ng
 RT: 12.35 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
115	32.9	27.1	40.7

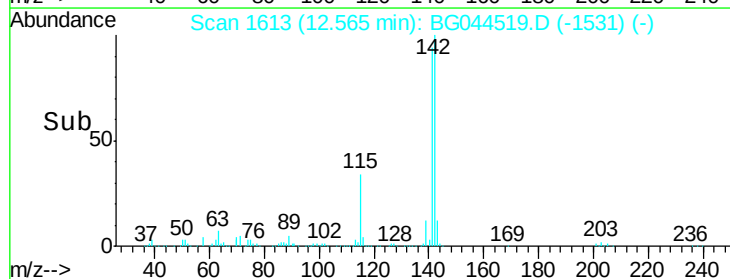
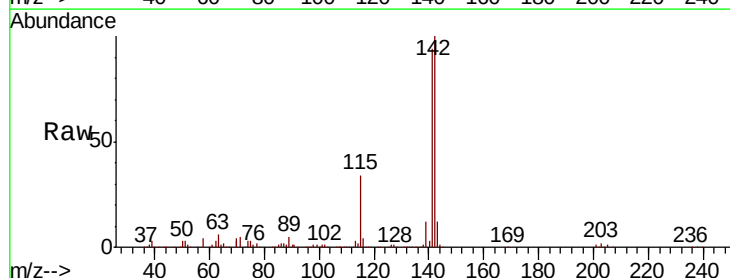
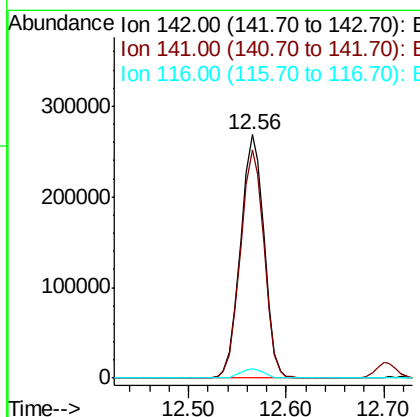
Manual Integrations
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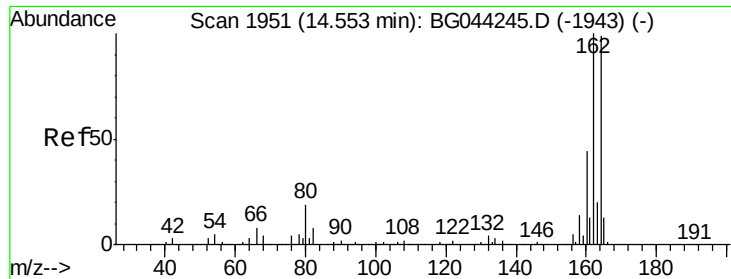
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#38
 1-Methylnaphthalene
 Concen: 48.203 ng
 RT: 12.56 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

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





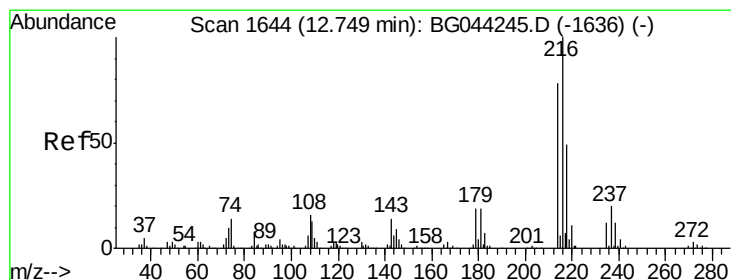
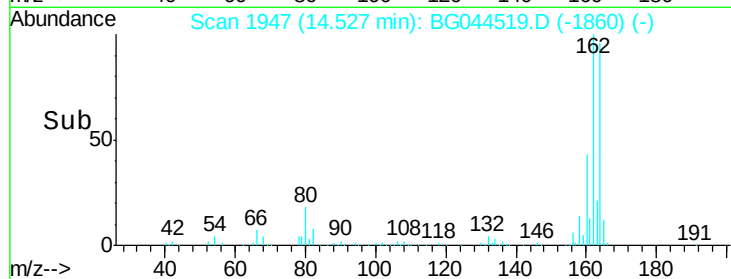
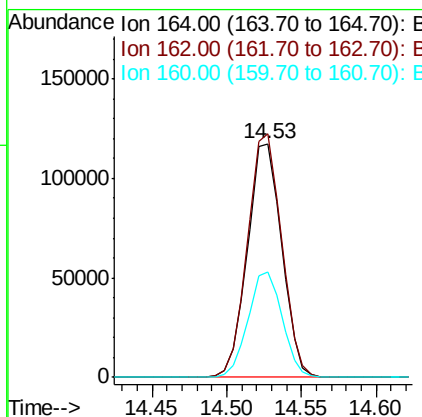
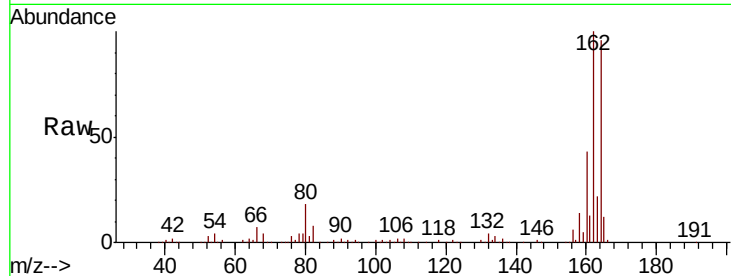
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	80.7	121.1	
160	45.2	35.3	52.9	

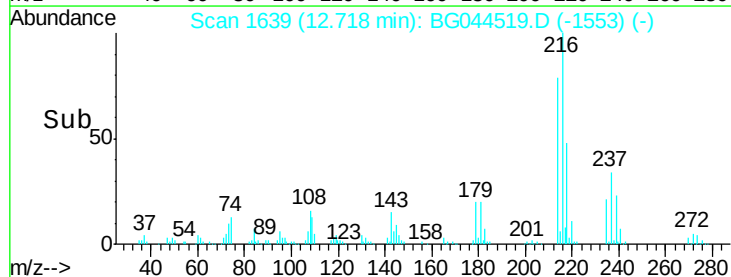
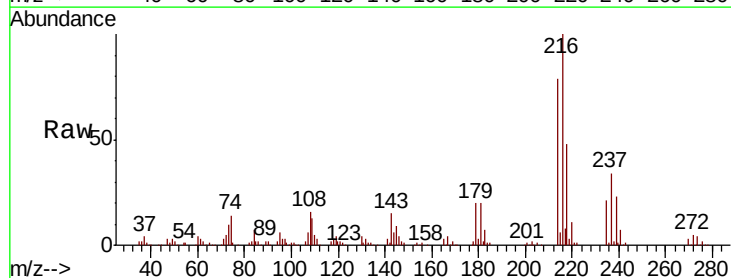
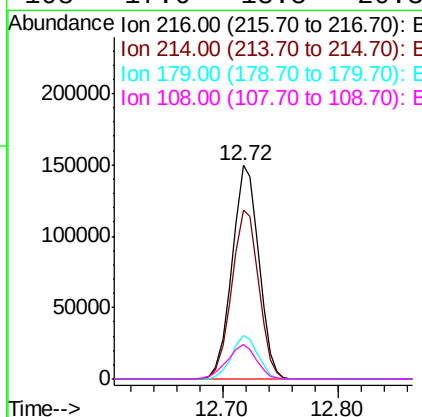
Manual Integrations
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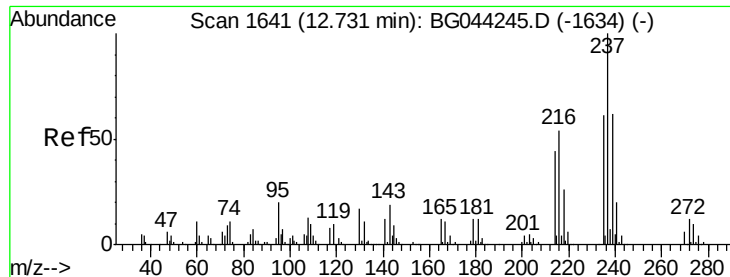
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.115 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.0	94.6	
179	20.0	16.2	24.4	
108	17.6	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 85.372 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

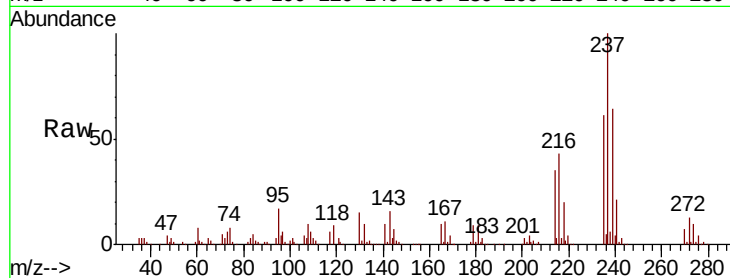
ClientSampleId :

PB126924BSD

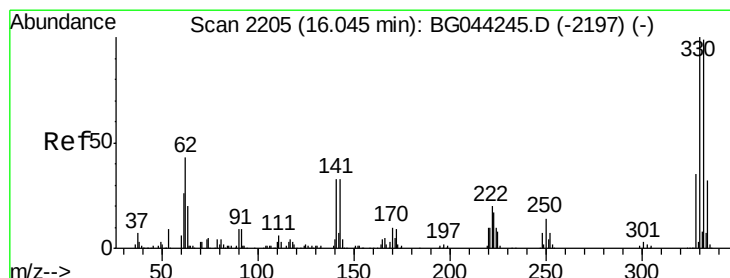
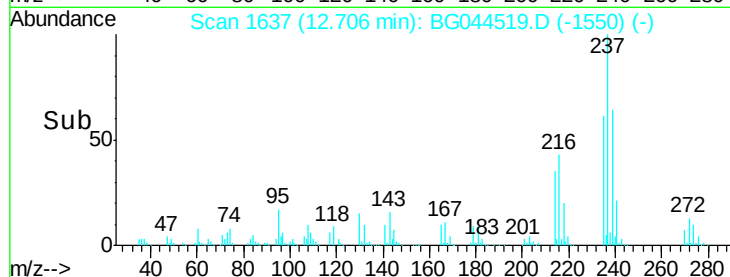
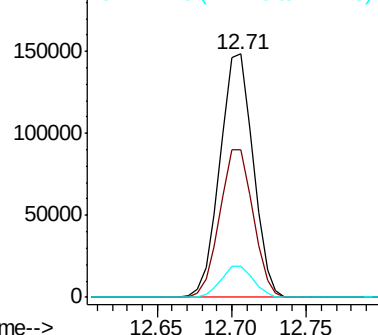
Tot Ion:	237	Resp:	227695
Ion Ratio	Lower	Upper	
237	100		
235	60.7	41.2	81.2
272	13.0	0.0	32.4

Manual Integrations
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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: 136.929 ng

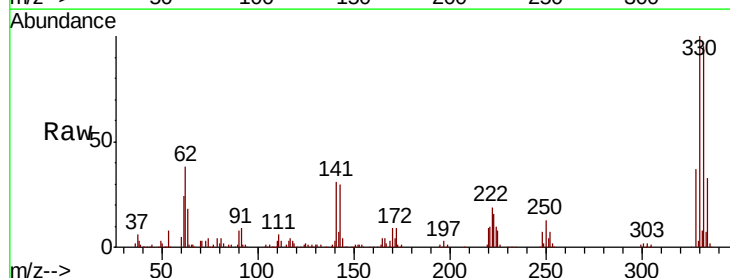
RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

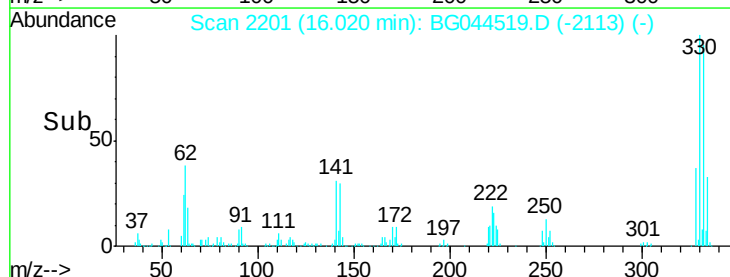
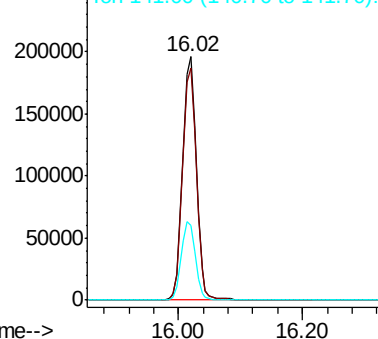
Lab File: BG044519.D

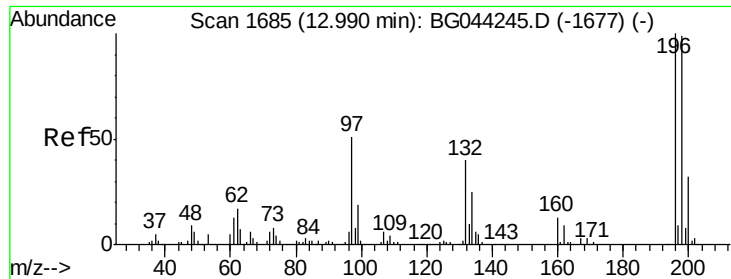
Acq: 20 Feb 2020 14:01

Tgt Ion:	330	Resp:	298694
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	33.0	28.3	42.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





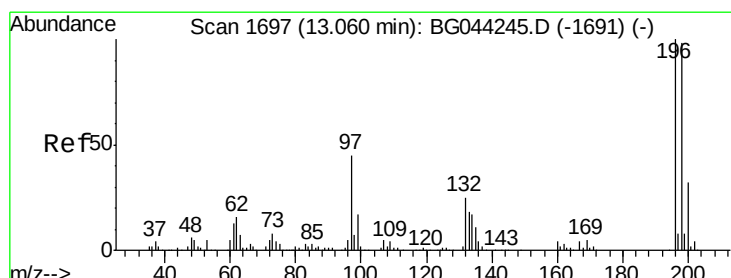
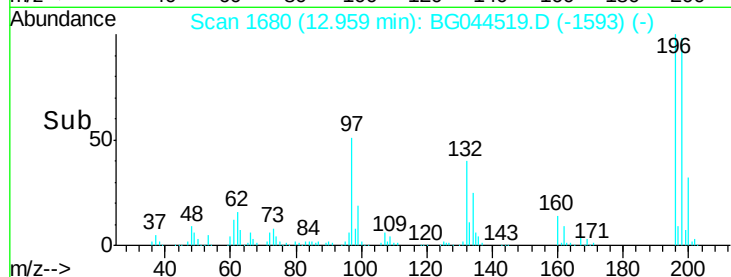
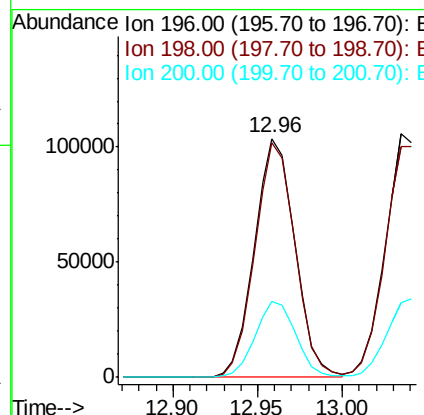
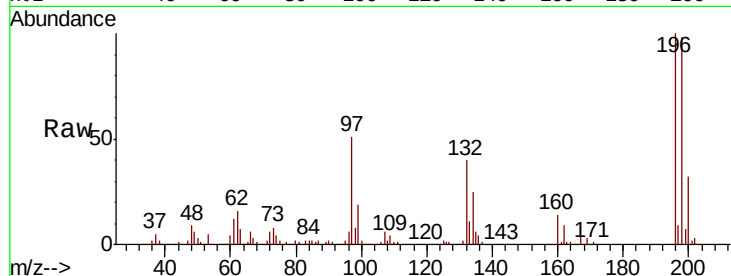
#43
 2,4,6-Trichlorophenol
 Concen: 48.116 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampled :
 PB126924BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	172870		
198	98.3	79.3	118.9	
200	32.0	25.7	38.5	

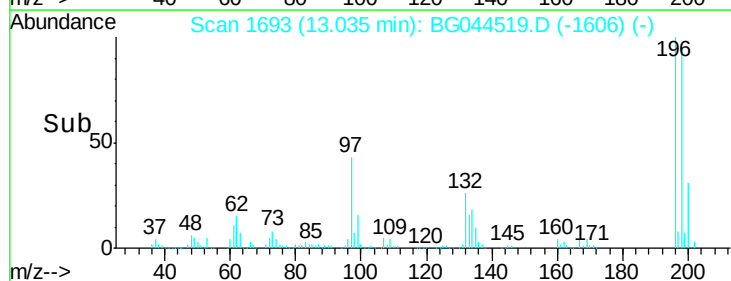
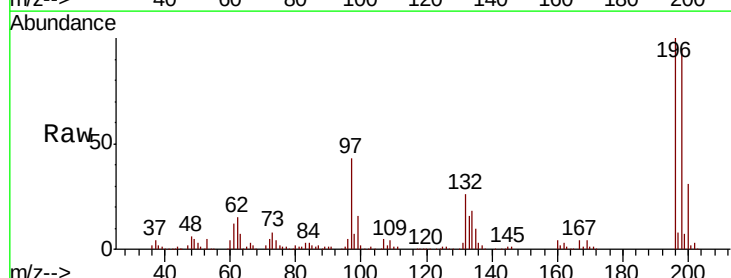
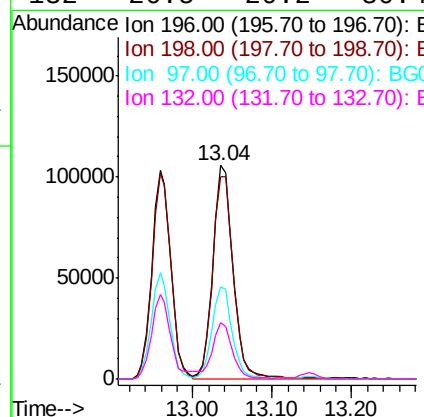
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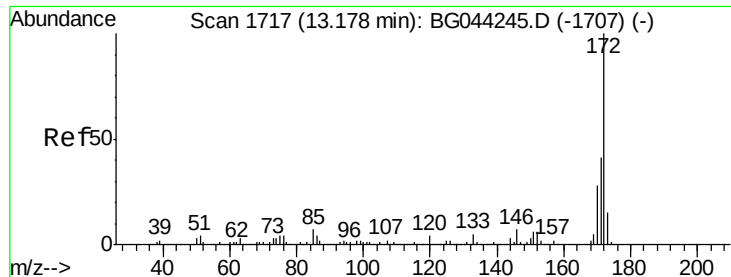
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.807 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186446		
198	94.8	78.2	117.2	
97	43.3	36.2	54.4	
132	26.5	20.2	30.4	





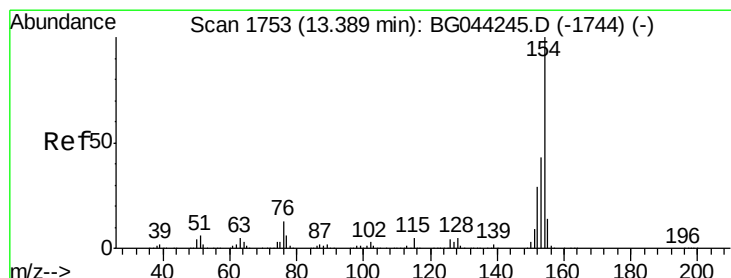
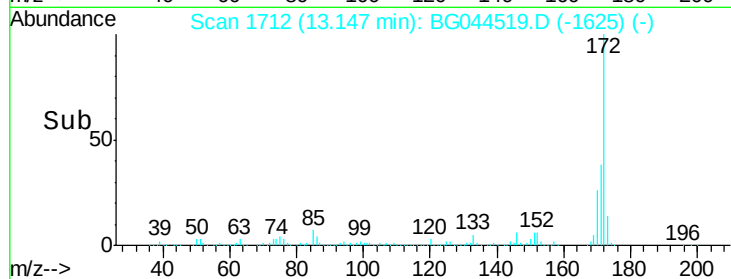
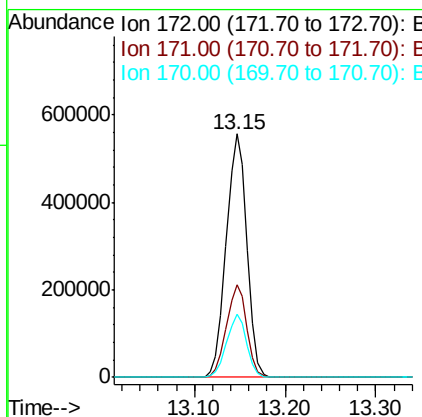
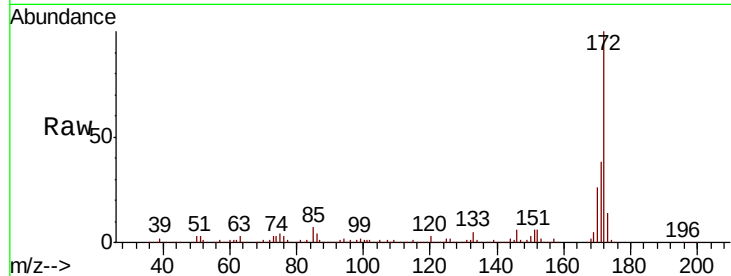
#45
2-Fluorobiphenyl
Concen: 78.773 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	26.0	22.0	33.0

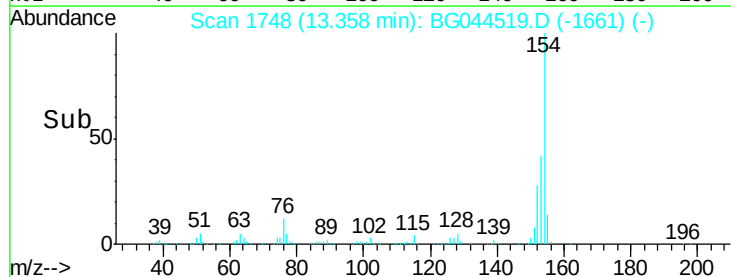
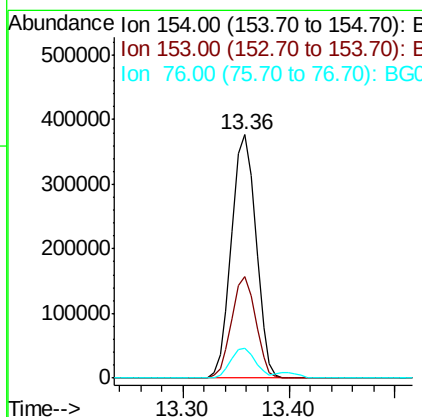
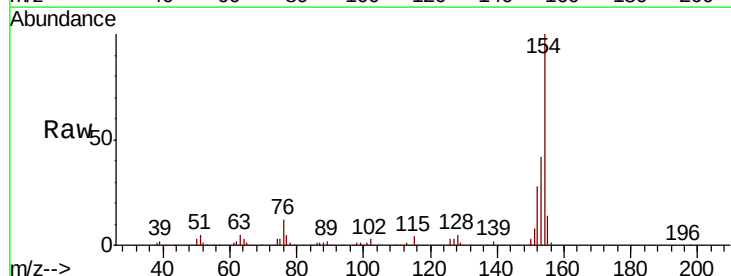
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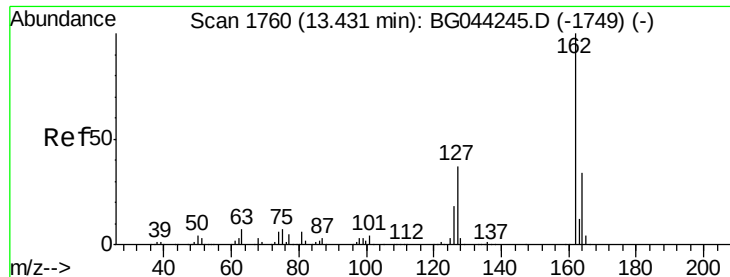
mohammad
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#46
1,1'-Biphenyl
Concen: 44.950 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.7	62.7
76	12.3	0.0	32.9





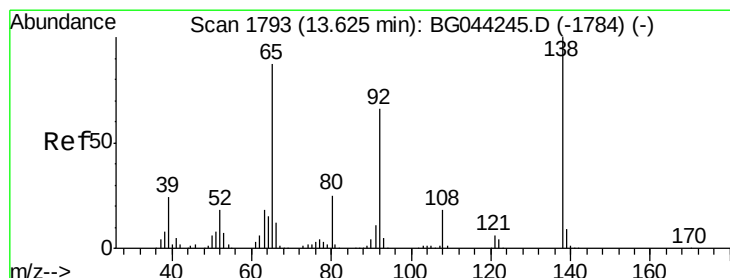
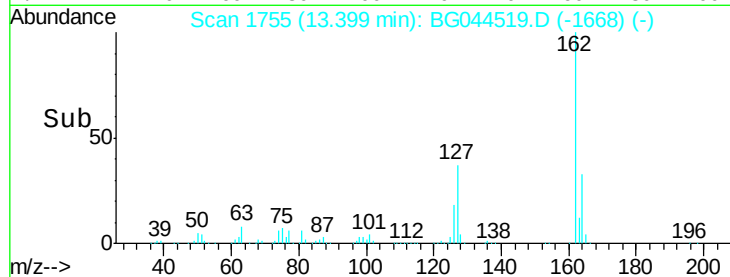
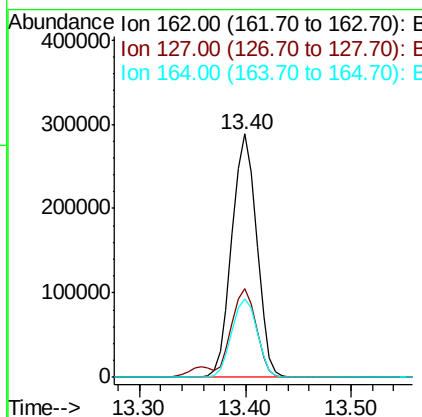
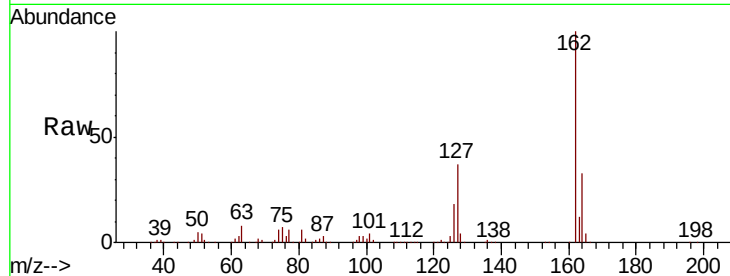
#47
 2-Chloronaphthalene
 Concen: 43.910 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.6	30.0	45.0
164	32.5	27.2	40.8

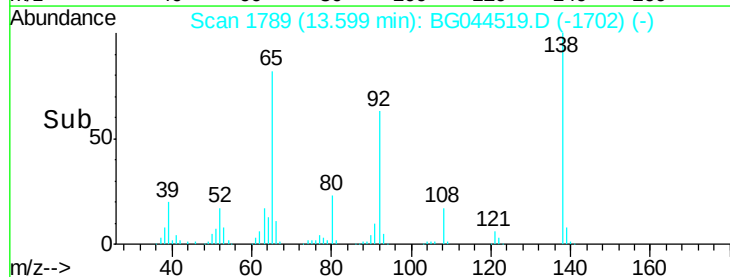
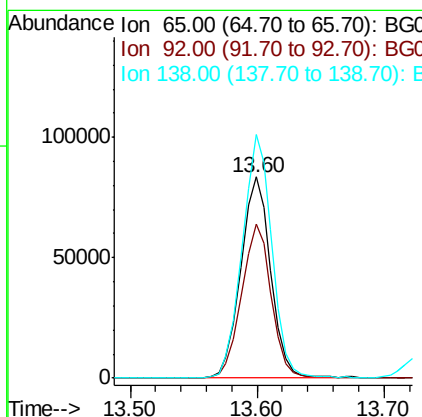
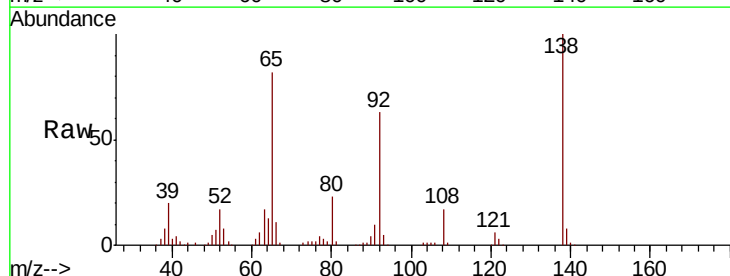
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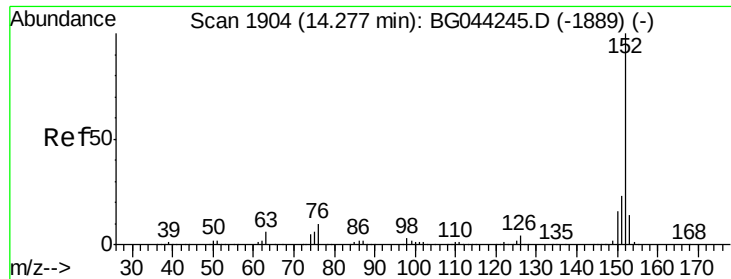
mohammad
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#48
 2-Nitroaniline
 Concen: 43.380 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	76.9	60.3	90.5
138	121.3	91.9	137.9





#49

Acenaphthylene

Concen: 47.681 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

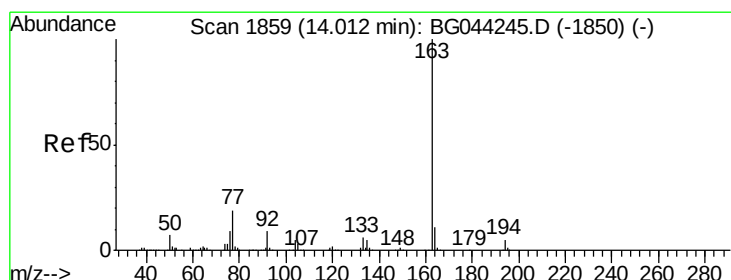
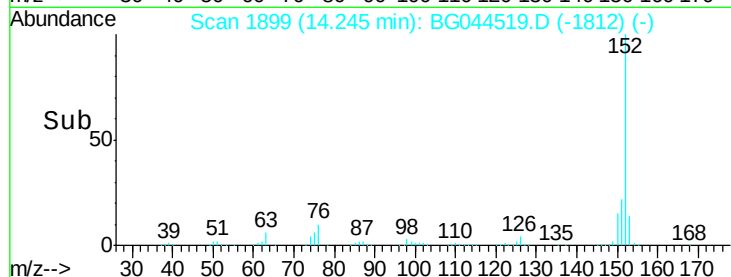
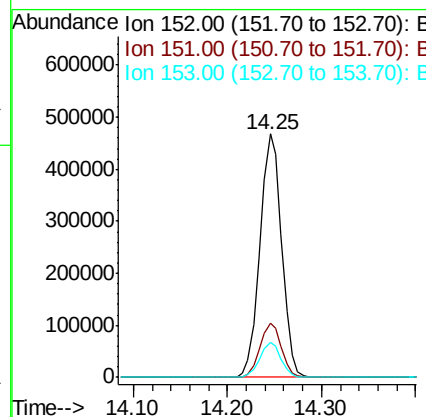
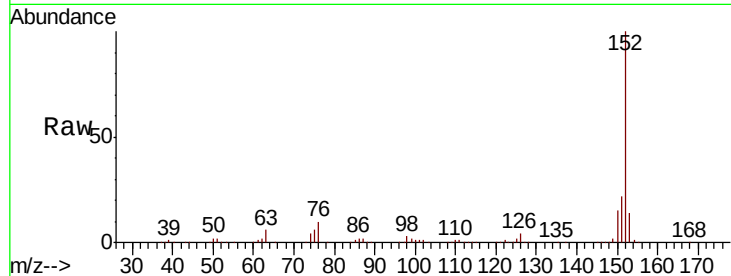
ClientSampleId :

PB126924BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
151	22.1	18.1	27.1		
153	14.1	11.5	17.3		

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#50

Dimethylphthalate

Concen: 45.013 ng

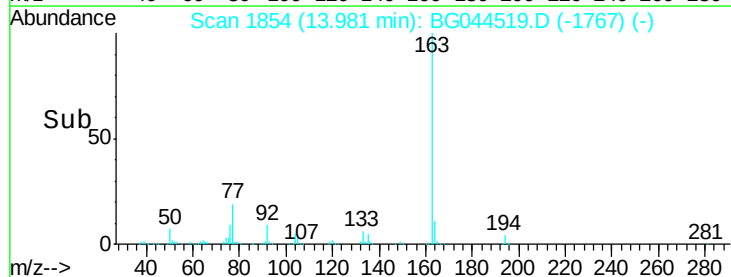
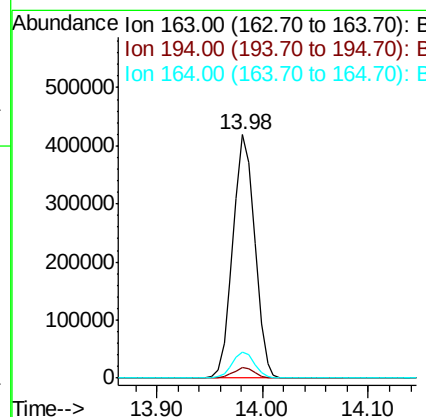
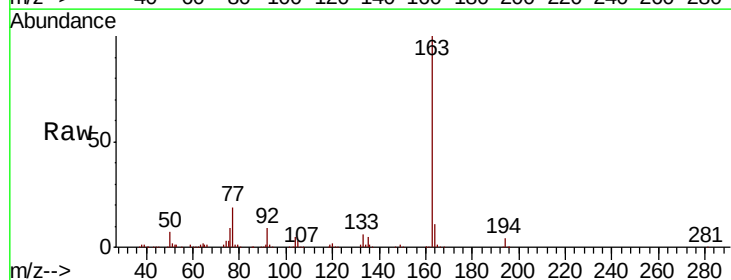
RT: 13.98 min Scan# 1854

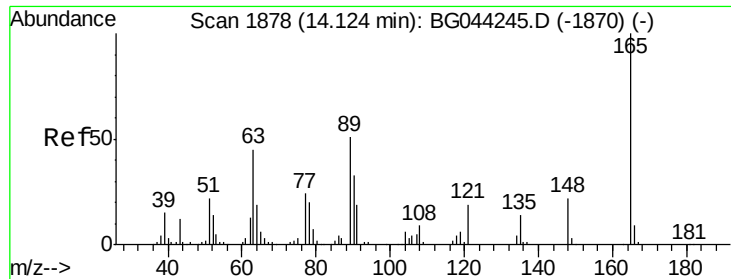
Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.4	3.6	5.4		
164	10.6	8.7	13.1		





#51

2,6-Dinitrotoluene

Concen: 46.729 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

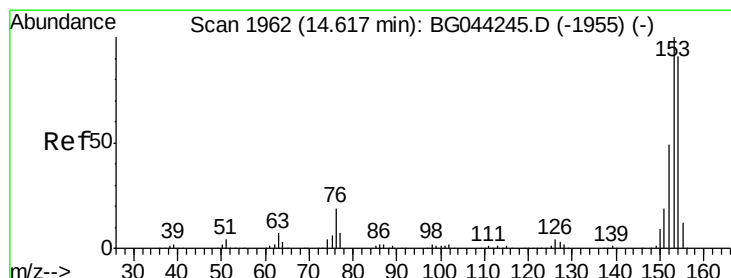
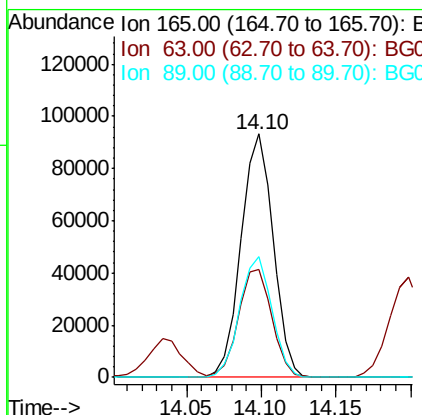
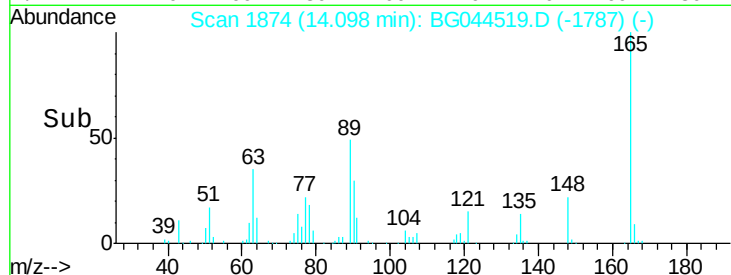
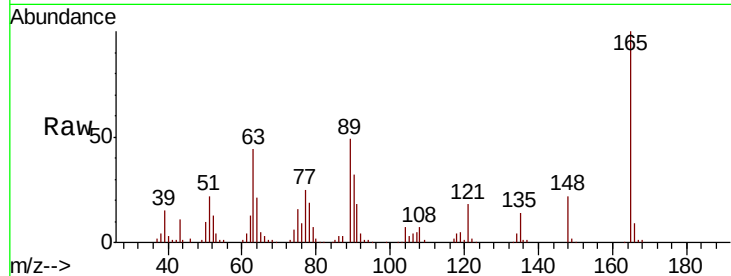
ClientSampleId :

PB126924BSD

Tot Ion:	165	Resp:	139167
Ion Ratio	Lower	Upper	
165	100		
63	44.1	38.7	58.1
89	49.4	40.4	60.6

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#52

Acenaphthene

Concen: 45.202 ng

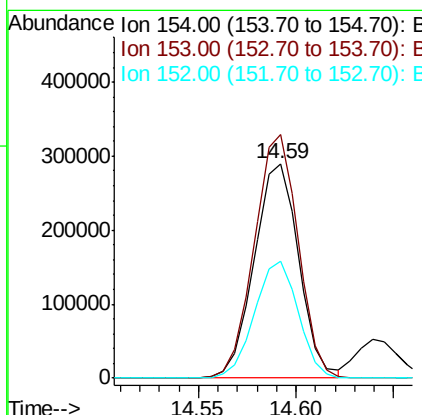
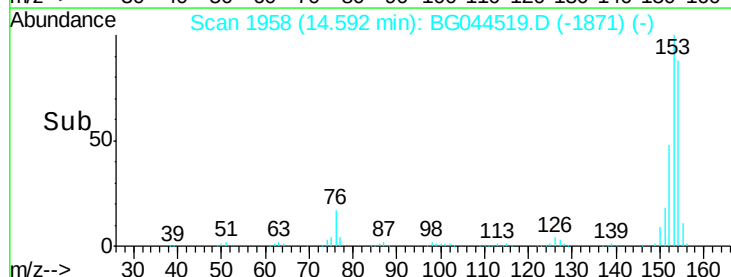
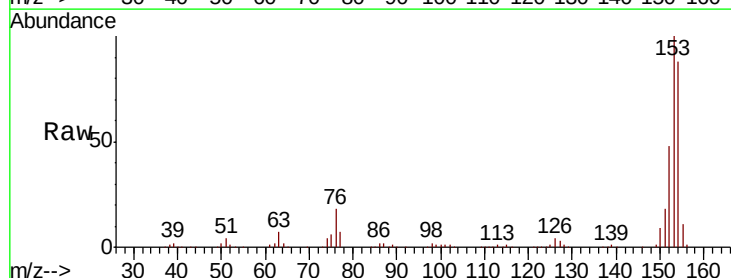
RT: 14.59 min Scan# 1958

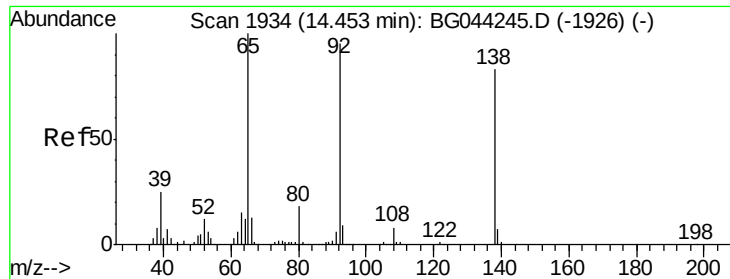
Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:	154	Resp:	458336
Ion Ratio	Lower	Upper	
154	100		
153	113.6	87.9	131.9
152	54.4	43.1	64.7





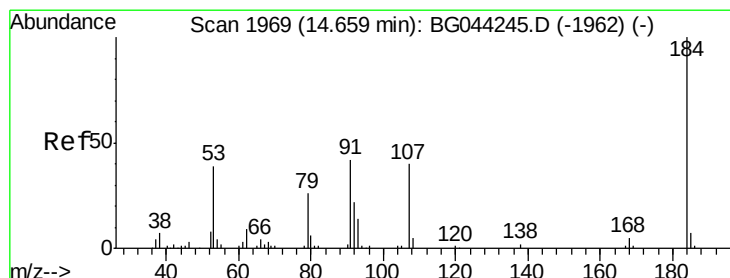
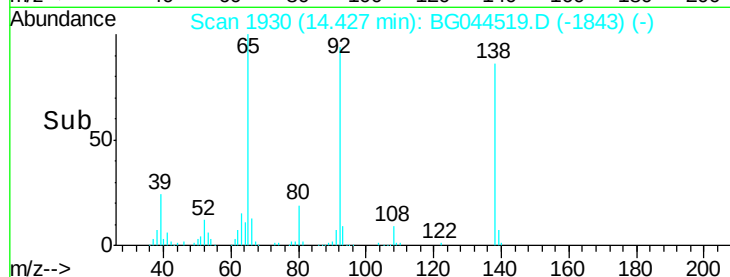
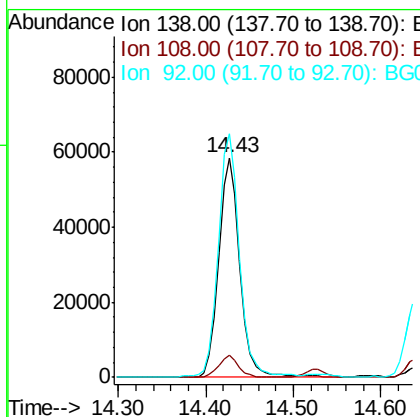
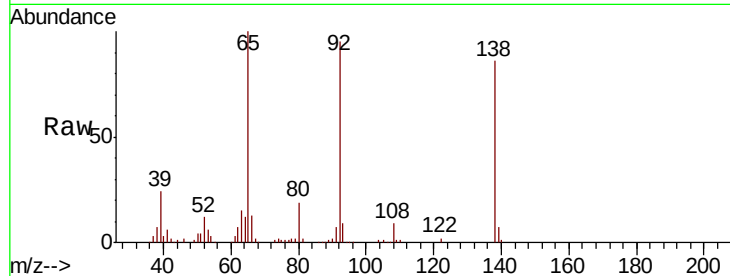
#53
 3-Nitroaniline
 Concen: 29.747 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	110.8	91.0	136.4

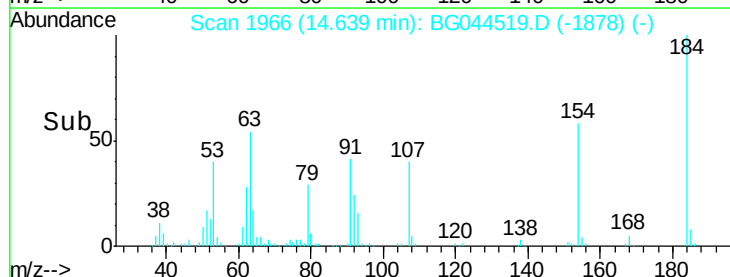
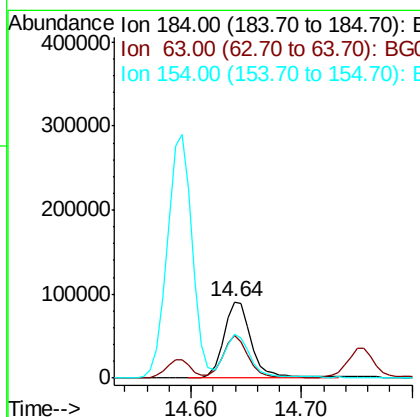
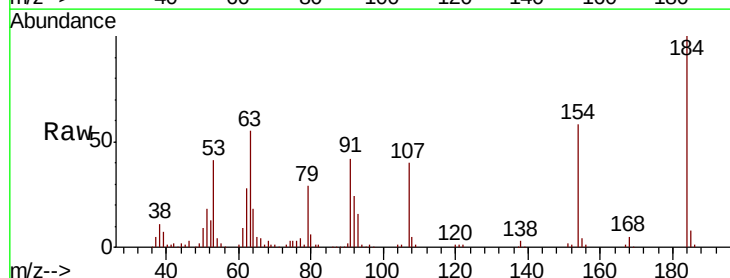
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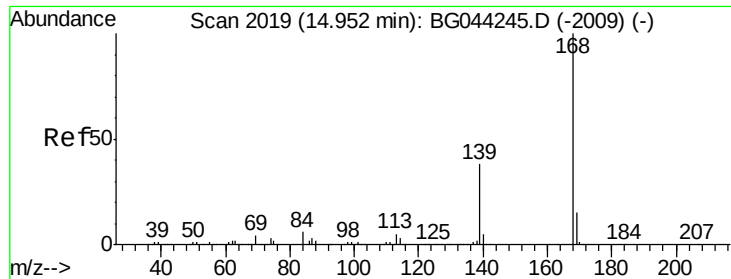
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#54
 2,4-Dinitrophenol
 Concen: 89.916 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.4	44.1	66.1
154	58.0	45.4	68.0





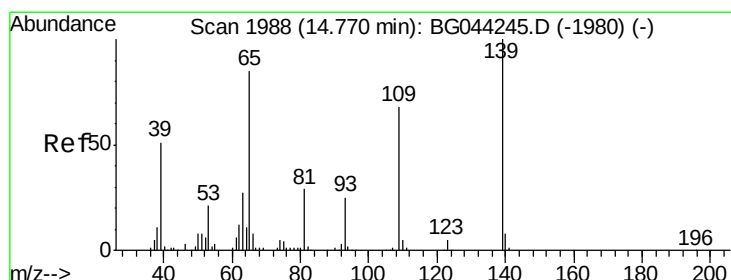
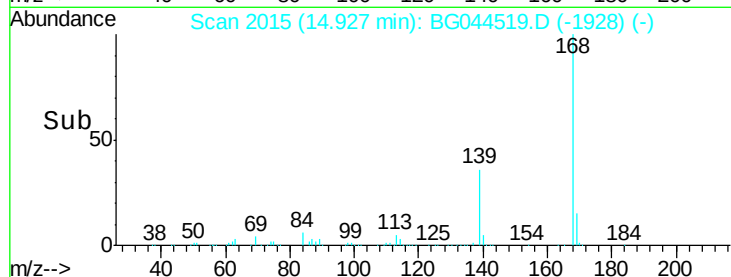
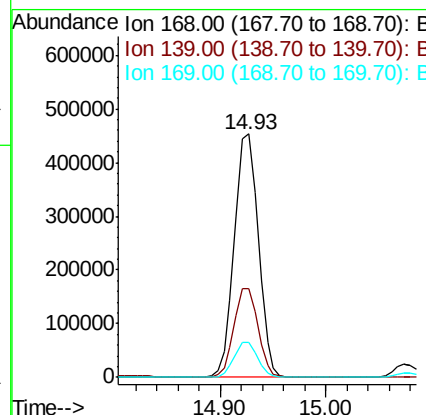
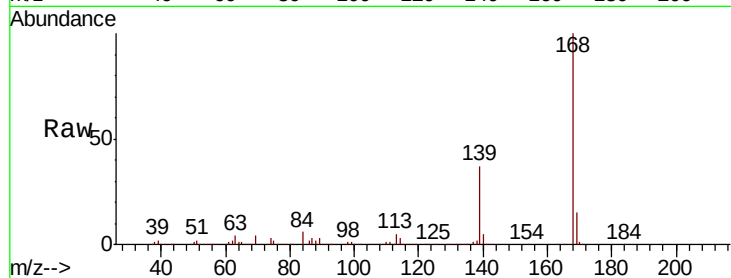
#55
Dibenzenofuran
Concen: 46.384 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.5	45.7
169	14.5	11.7	17.5

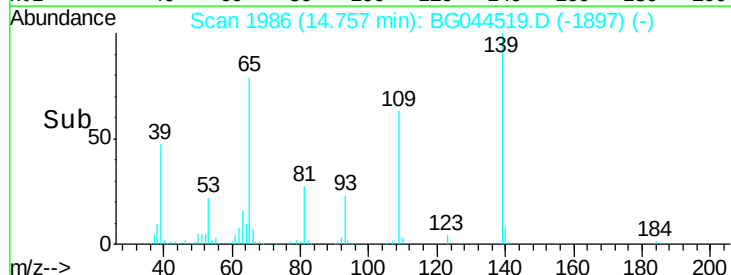
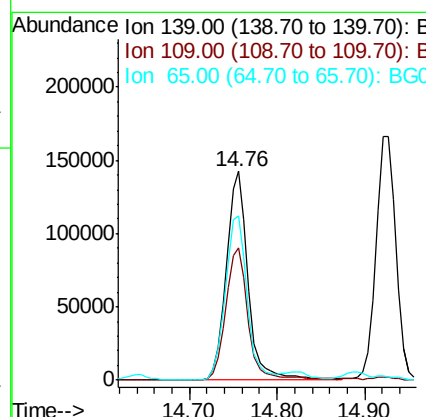
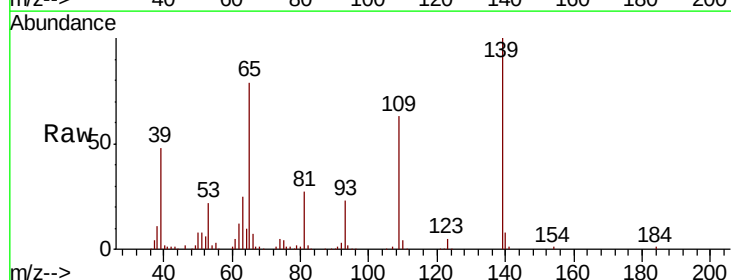
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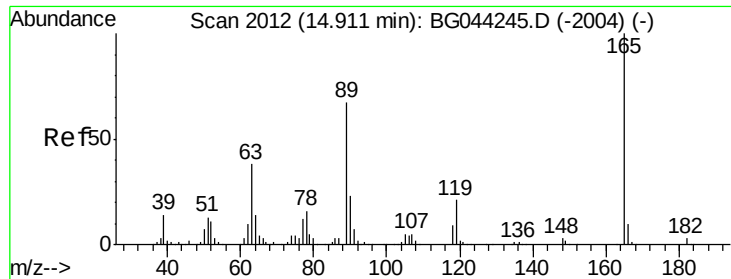
mohammad
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#56
4-Nitrophenol
Concen: 102.170 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.4	47.5	87.5
65	78.7	64.9	104.9





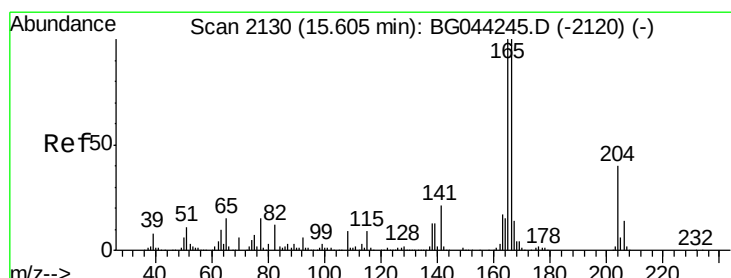
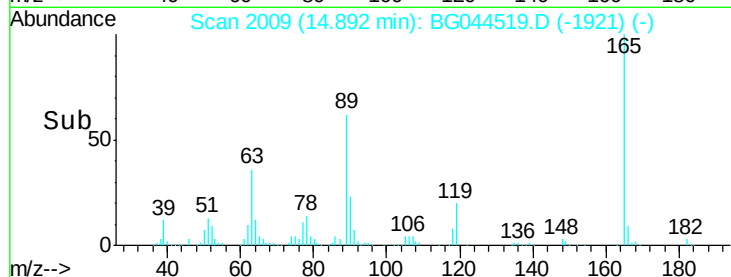
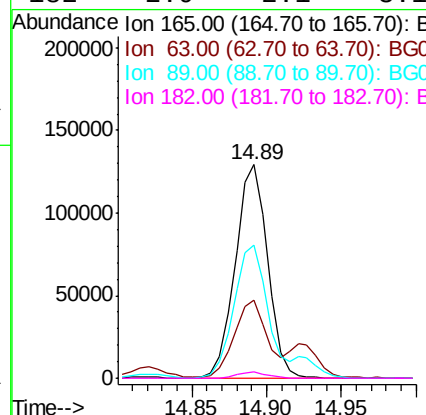
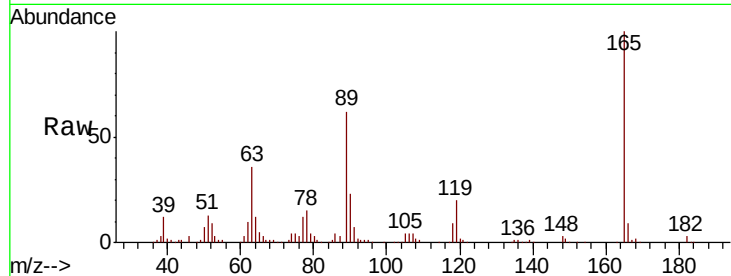
#57
2,4-Dinitrotoluene
Concen: 46.766 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	195210		
63	36.4	30.3	45.5	
89	62.3	53.4	80.2	
182	2.9	2.1	3.1	

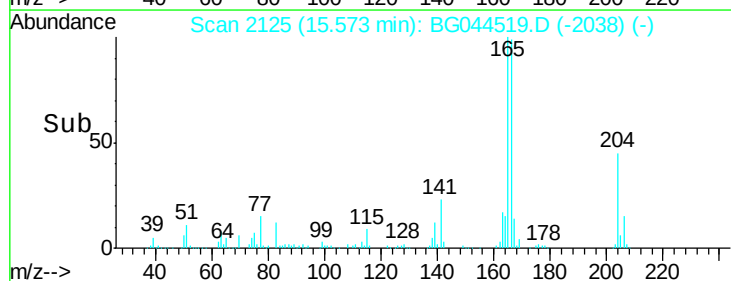
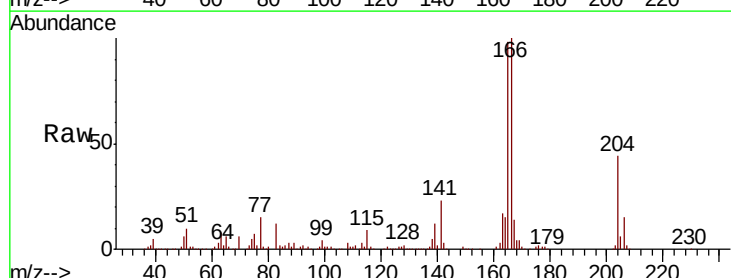
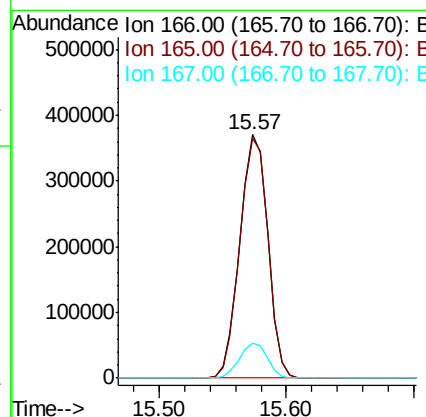
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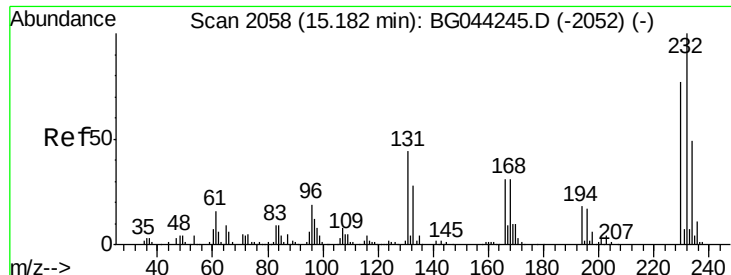
mohammad
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#58
Fluorene
Concen: 46.733 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	565077		
165	98.2	79.9	119.9	
167	14.4	11.4	17.0	





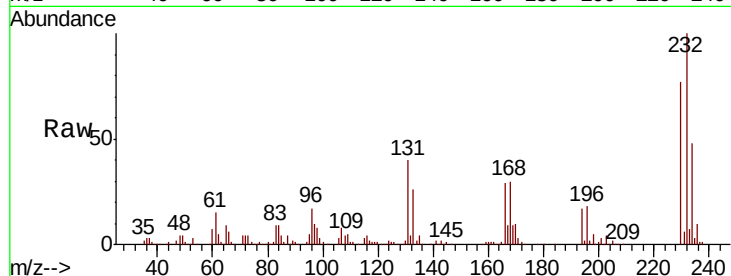
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.664 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.2	51.4
130	2.4	1.8	2.8
166	28.9	23.8	35.8

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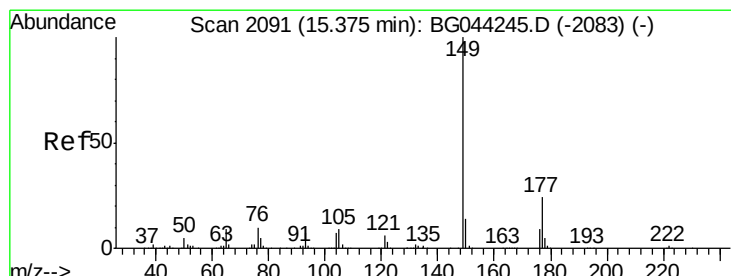
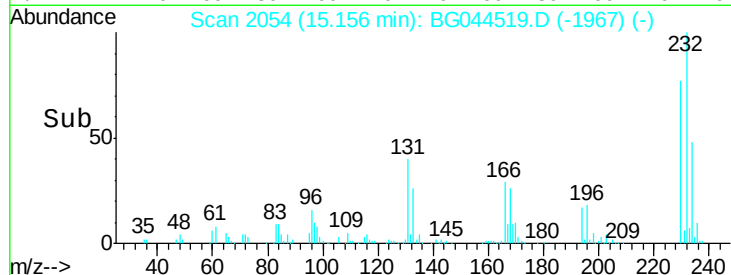
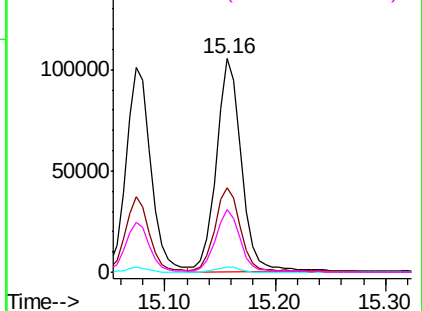
Abundance

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: 45.148 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

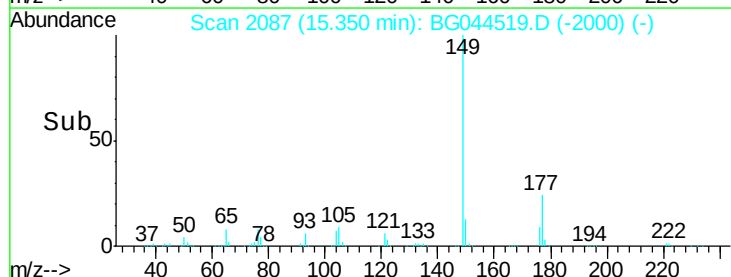
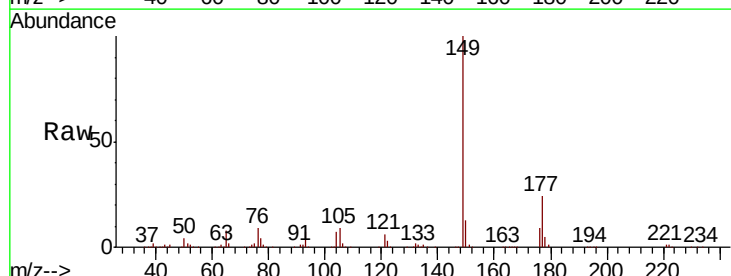
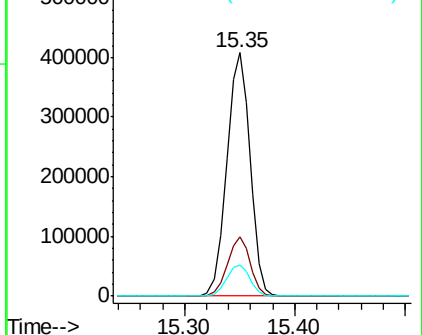
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	12.7	10.9	16.3

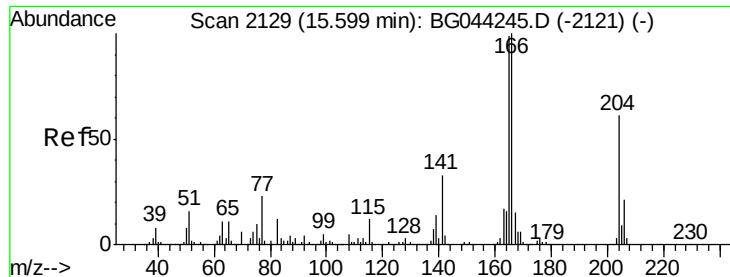
Abundance

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





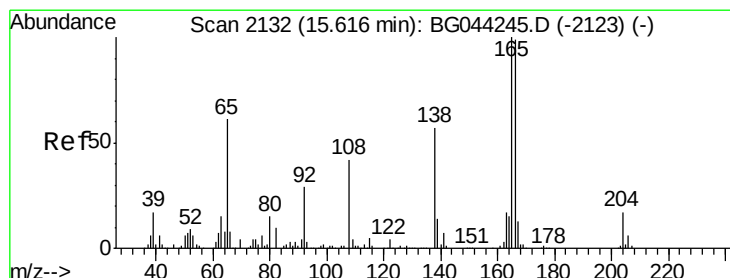
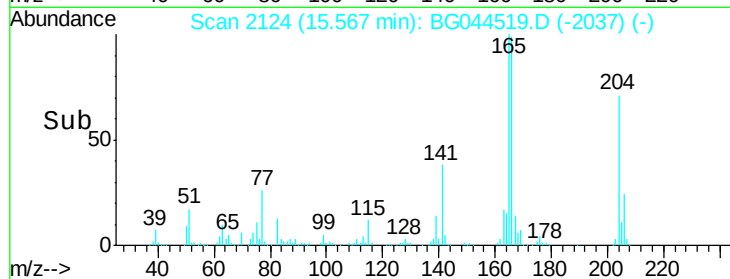
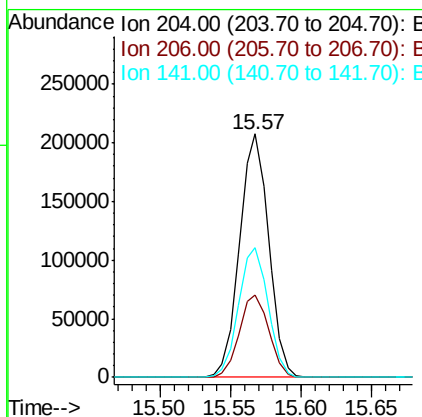
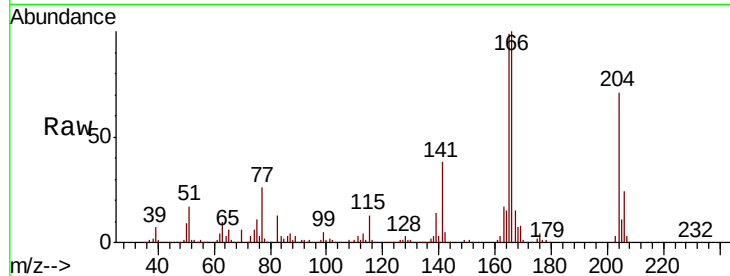
#61
 4-Chlorophenyl-phenylether
 Concen: 45.592 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion:	204	Resp:	298913
Ion Ratio	Lower	Upper	
204	100		
206	34.0	27.6	41.4
141	53.3	43.4	65.0

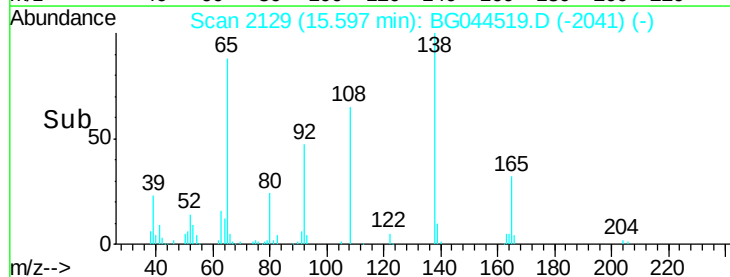
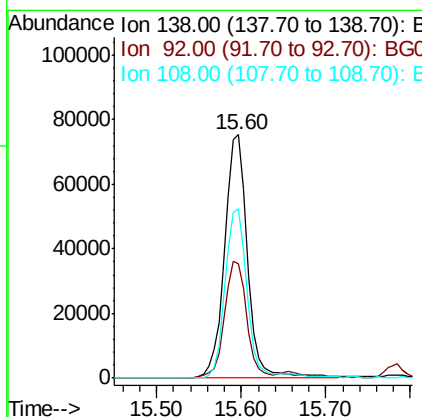
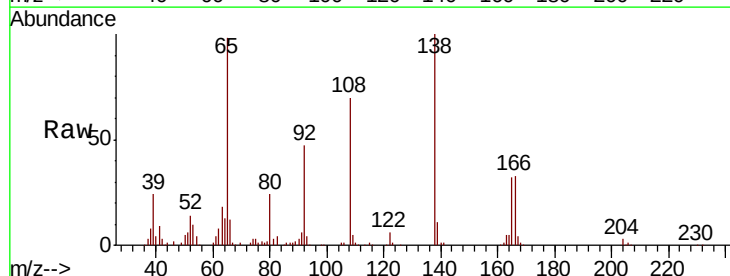
Manual Integrations
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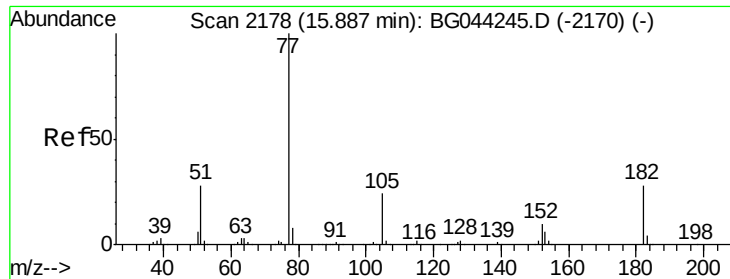
mohammad
 2/21/2020 2:17:44 PM



#62
 4-Nitroaniline
 Concen: 42.750 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion:	138	Resp:	140750
Ion Ratio	Lower	Upper	
138	100		
92	46.8	31.3	71.3
108	69.7	52.6	92.6





#63

Azobenzene

Concen: 45.708 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

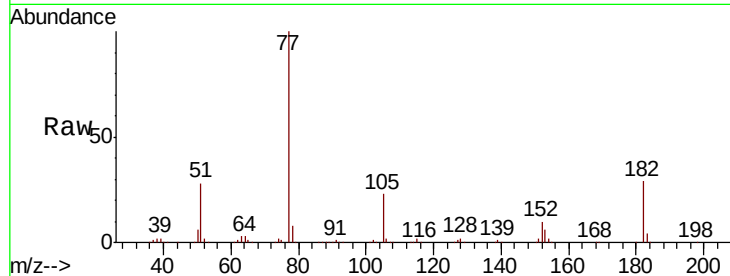
ClientSampleId :

PB126924BSD

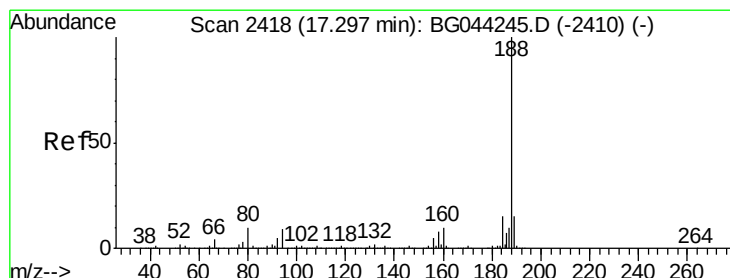
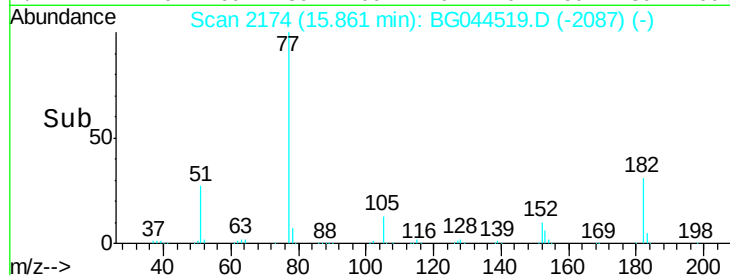
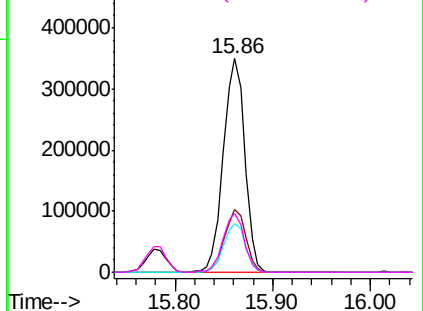
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.4	8.2	48.2	
105	23.0	3.6	43.6	
51	27.7	8.3	48.3	

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

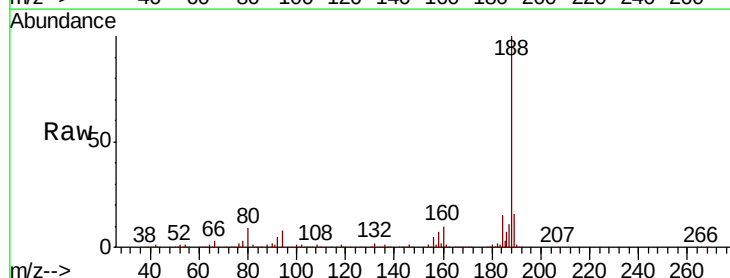
RT: 17.27 min Scan# 2414

Delta R.T. -0.02 min

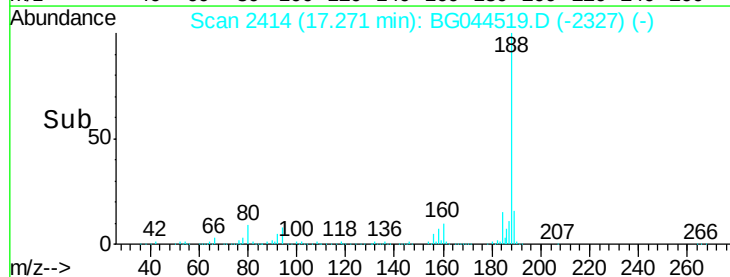
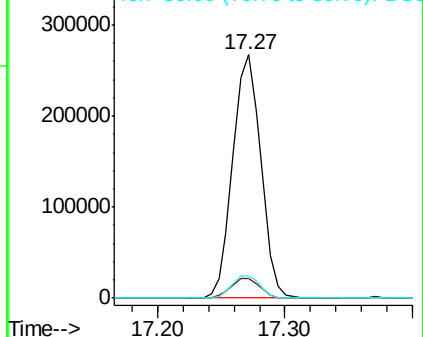
Lab File: BG044519.D

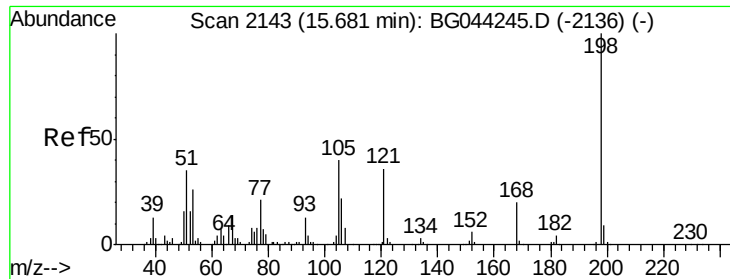
Acq: 20 Feb 2020 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.4	11.2	
80	9.2	7.7	11.5	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





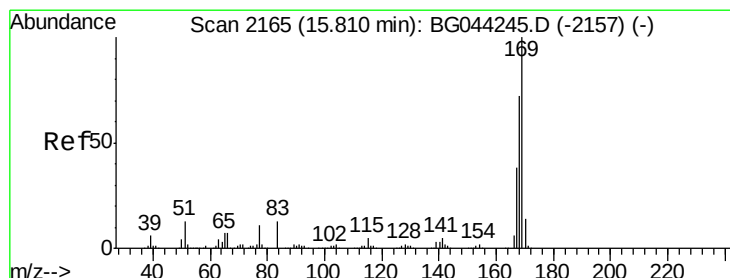
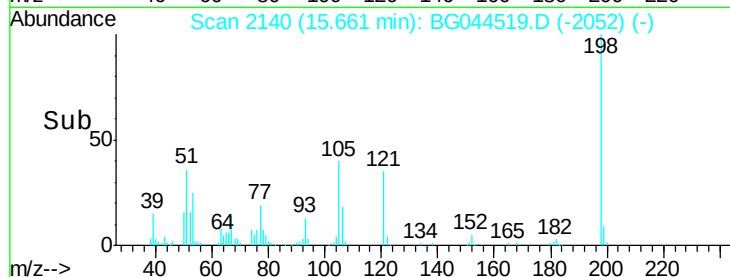
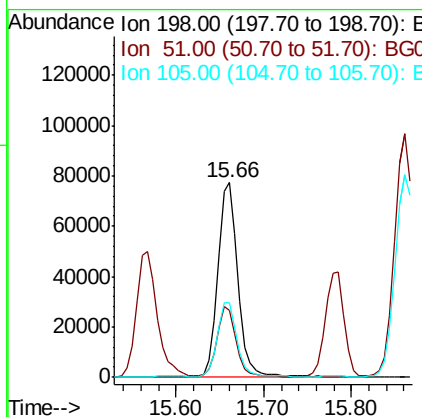
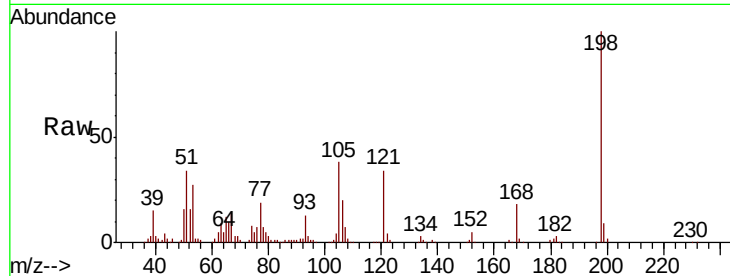
#65
4,6-Dinitro-2-methylphenol
Concen: 54.426 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	123103		
51	34.3	16.6	56.6	
105	38.2	20.6	60.6	

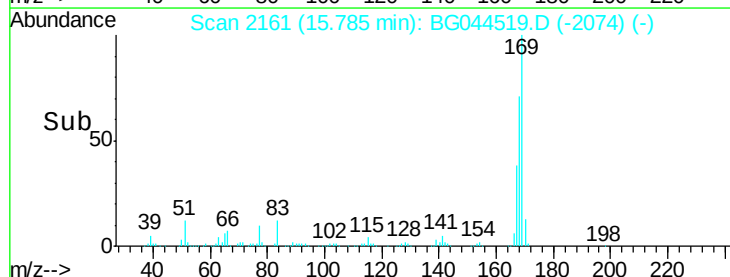
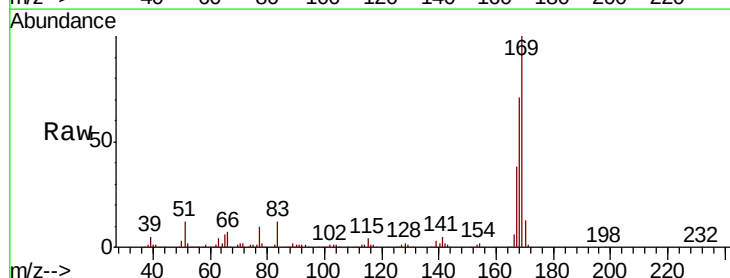
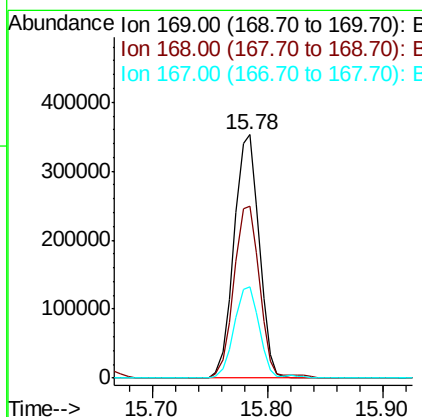
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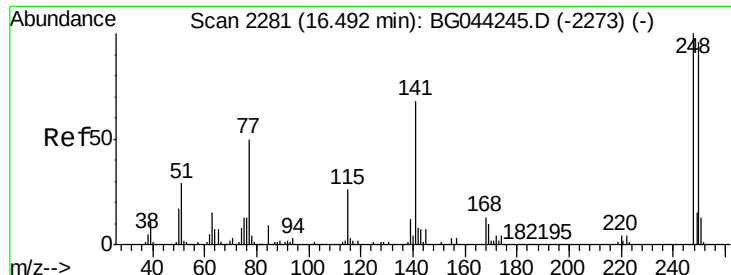
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#66
n-Nitrosodiphenylamine
Concen: 46.291 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	531562		
168	70.6	57.9	86.9	
167	37.5	30.7	46.1	





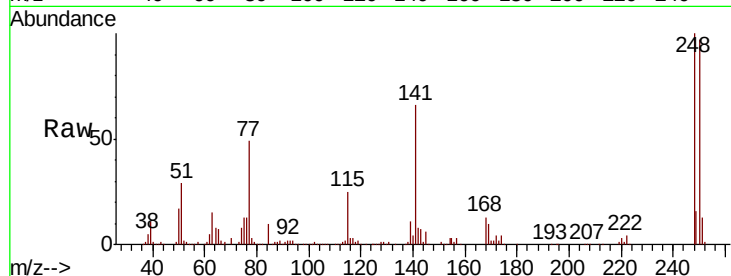
#67
 4-Bromophenyl-phenylether
 Concen: 44.703 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.6	114.8
141	65.7	54.7	82.1

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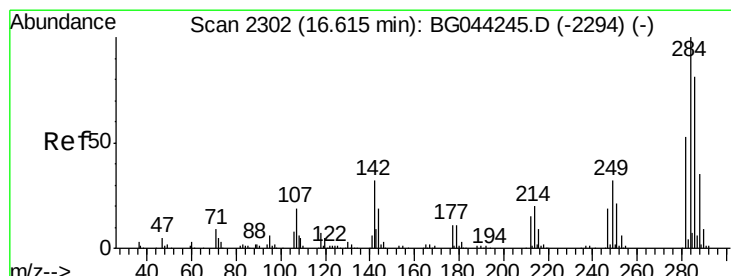
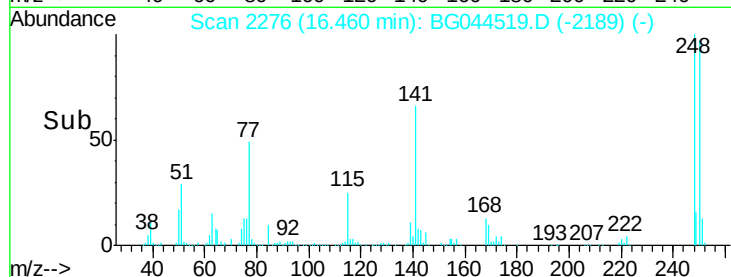
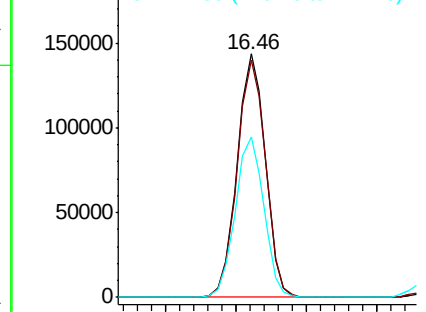


Abundance

Ion 248.00 (247.70 to 248.70): E

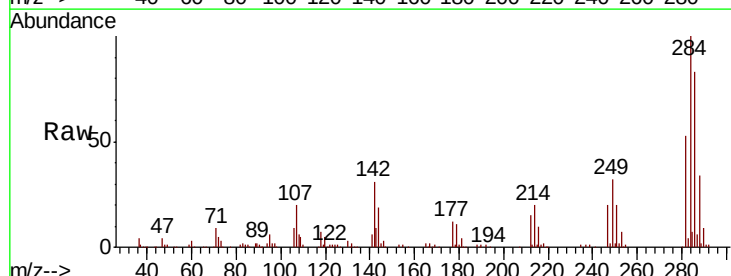
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.353 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	25.3	37.9
249	32.3	25.5	38.3

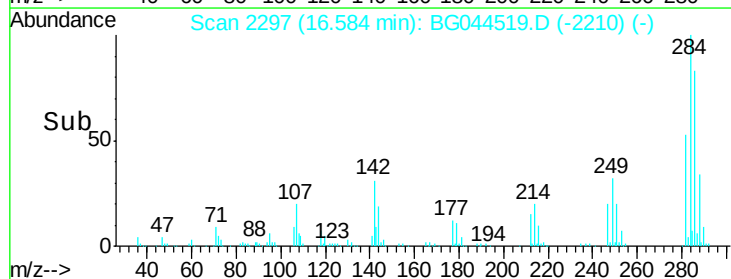
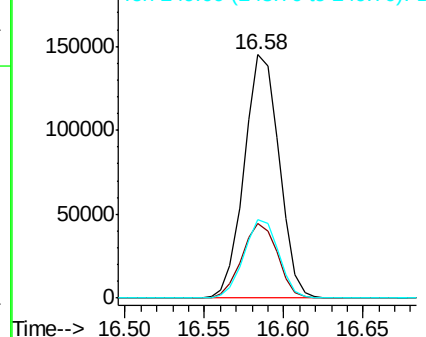


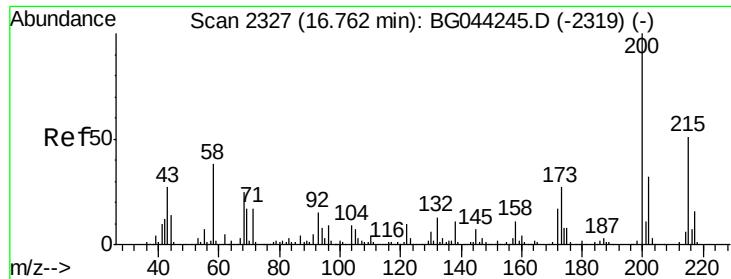
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





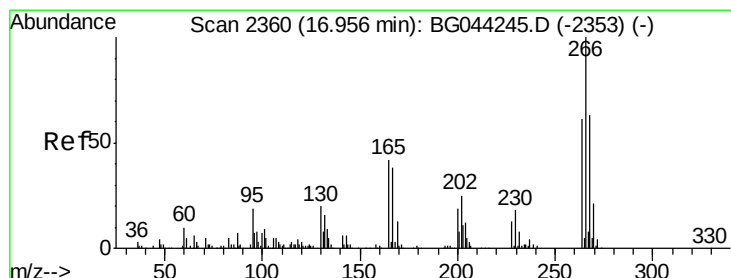
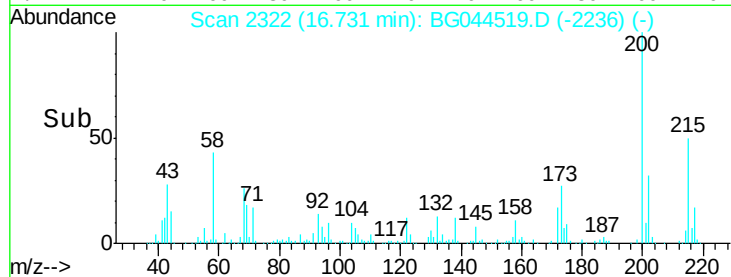
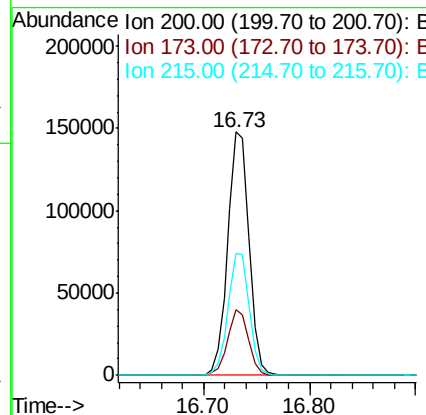
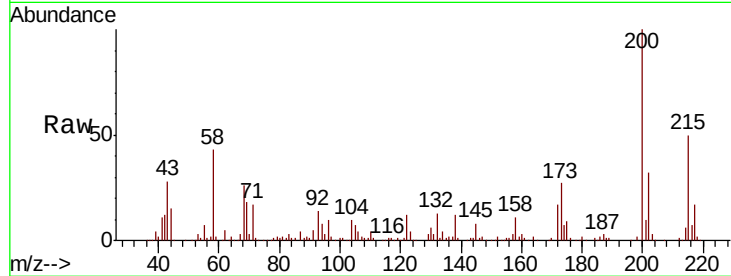
#69
Atrazine
Concen: 52.374 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	6.6	46.6
215	50.1	31.0	71.0

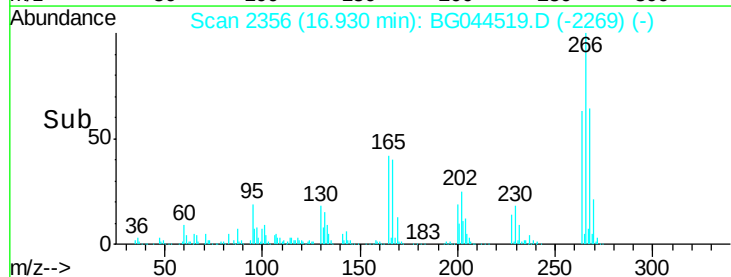
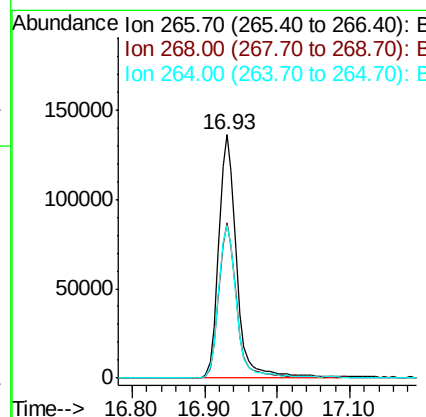
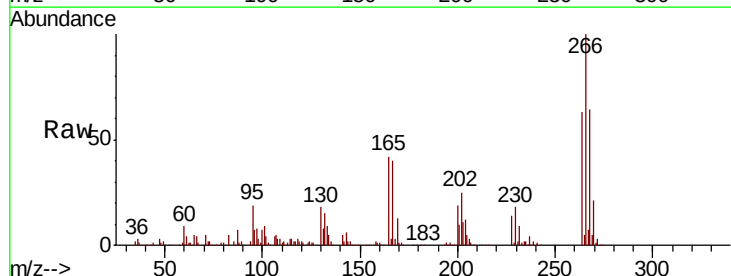
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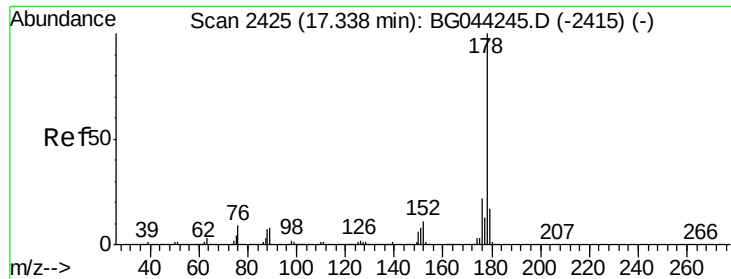
mohammad
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#70
Pentachlorophenol
Concen: 92.282 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	50.6	75.8
264	62.8	48.7	73.1





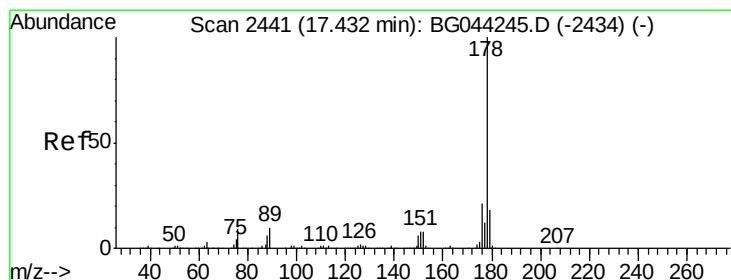
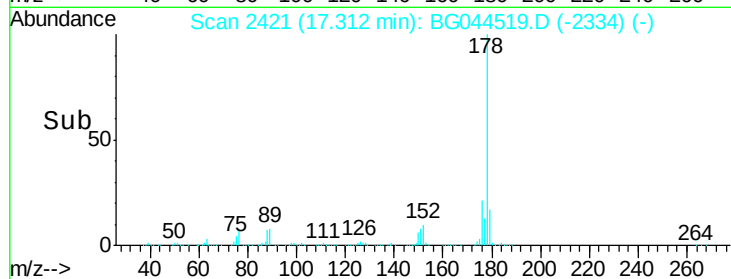
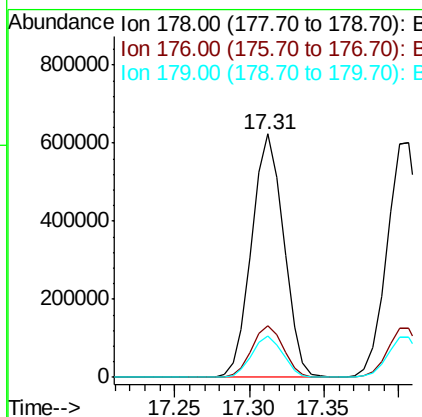
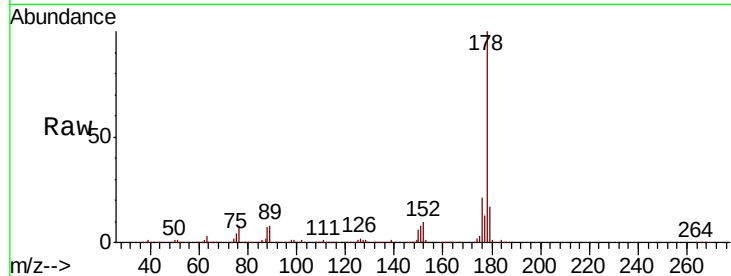
#71
Phenanthrene
Concen: 46.721 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	17.0	13.7	20.5

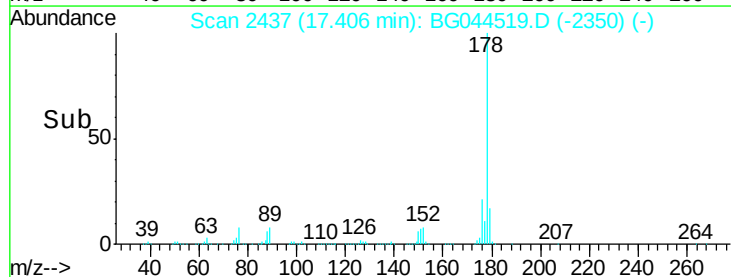
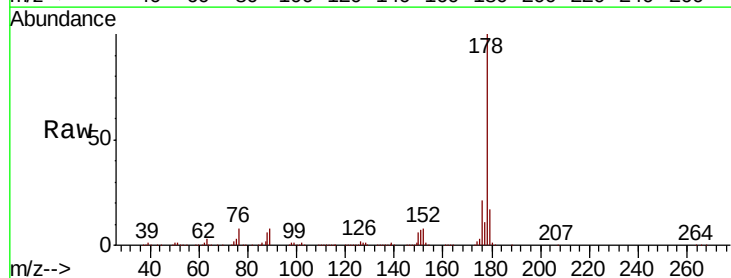
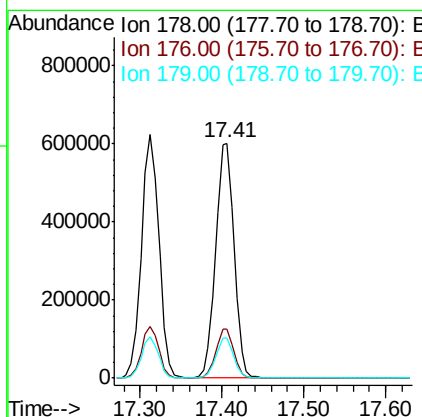
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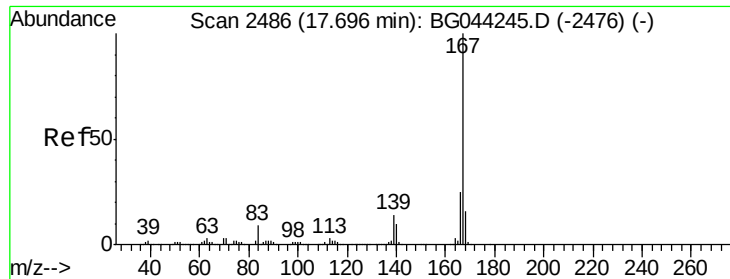
mohammad
2/21/2020 2:17:44 PM



#72
Anthracene
Concen: 48.166 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.4
179	17.0	14.4	21.6





#73

Carbazole

Concen: 47.747 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

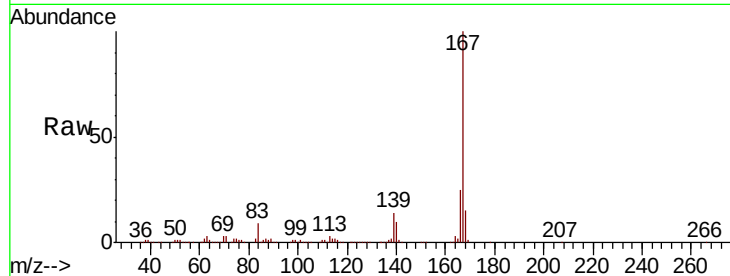
ClientSampleId :

PB126924BSD

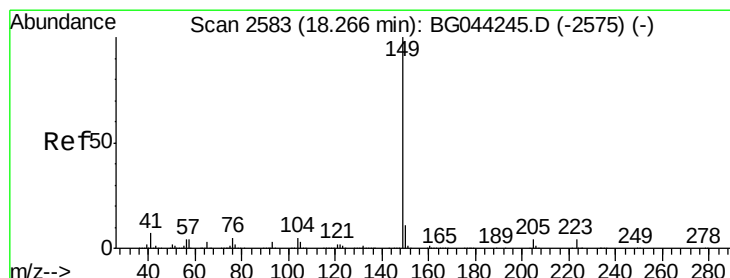
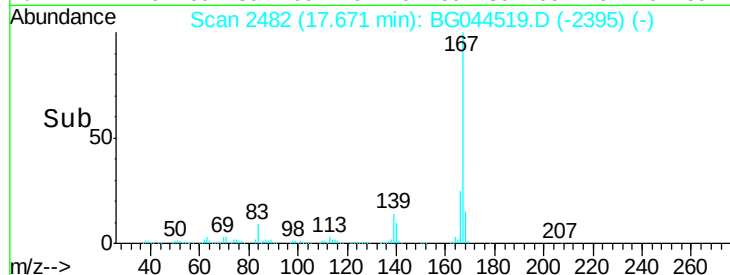
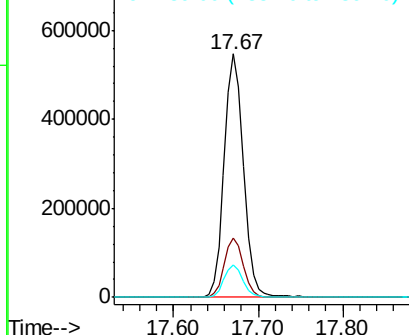
Tot Ion:	167	Resp:	863462
Ion Ratio	Lower	Upper	
167	100		
166	24.5	19.8	29.6
139	13.5	11.1	16.7

Manual Integrations
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2/21/2020 2:17:44 PM



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: 46.362 ng

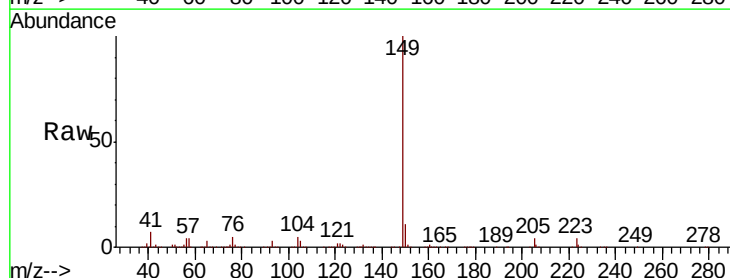
RT: 18.23 min Scan# 2578

Delta R.T. -0.02 min

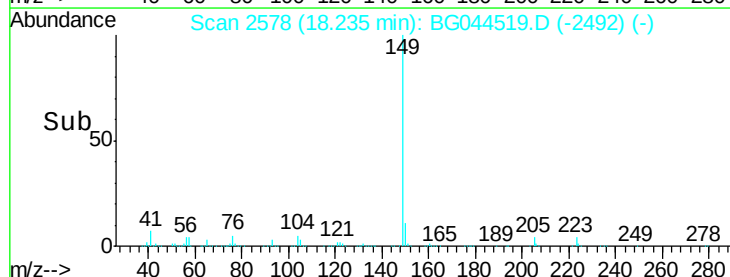
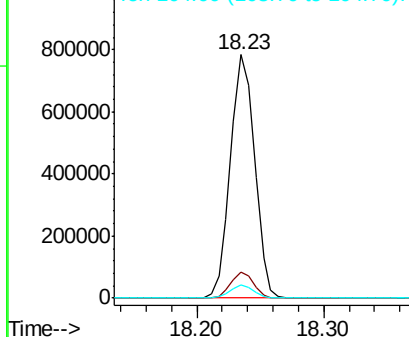
Lab File: BG044519.D

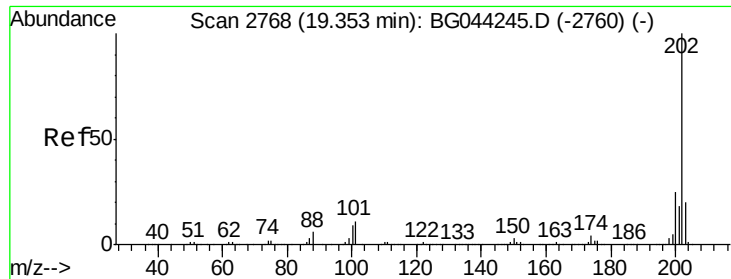
Acq: 20 Feb 2020 14:01

Tgt Ion:	149	Resp:	1036091
Ion Ratio	Lower	Upper	
149	100		
150	10.7	8.7	13.1
104	5.4	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





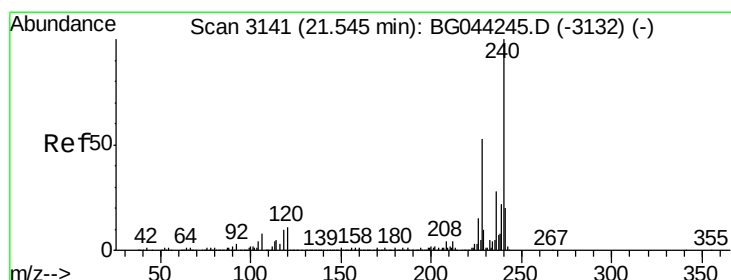
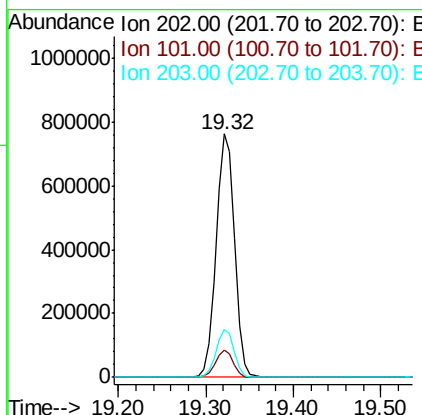
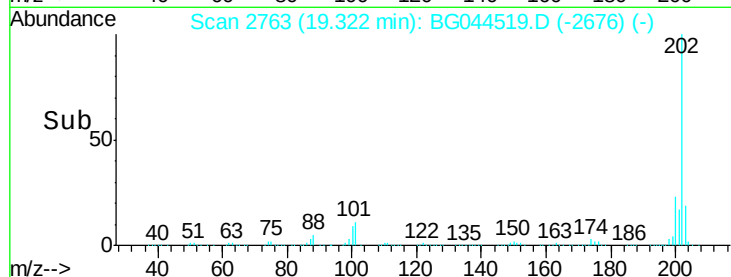
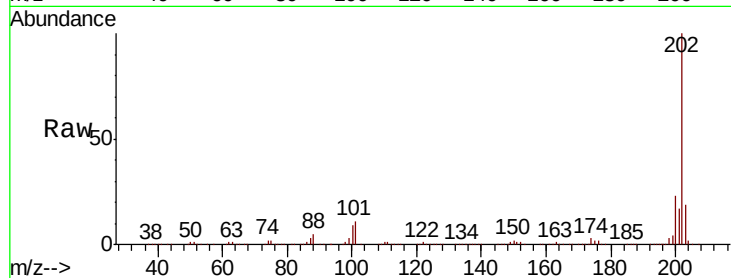
#75
 Fluoranthene
 Concen: 48.608 ng
 RT: 19.32 min Scan# 2763
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB126924BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.2	0.0	31.3		
203	19.5	0.0	39.9		

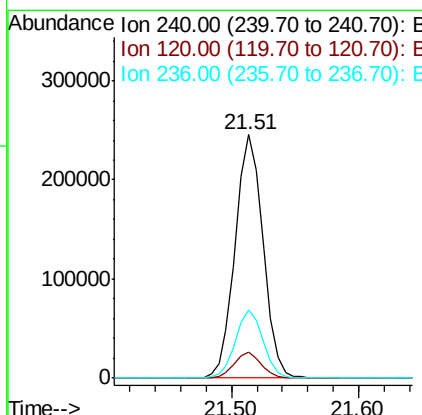
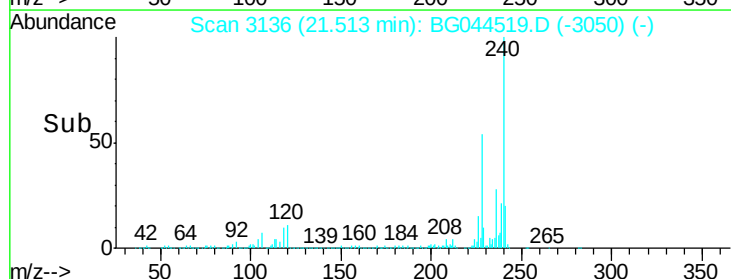
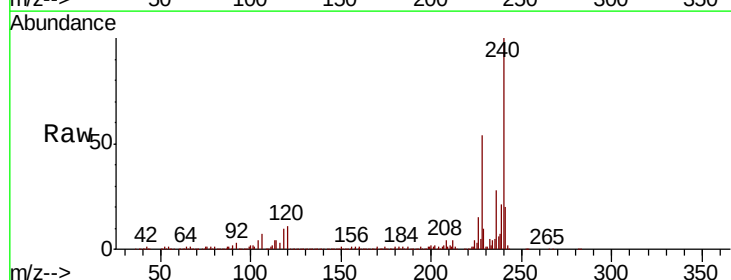
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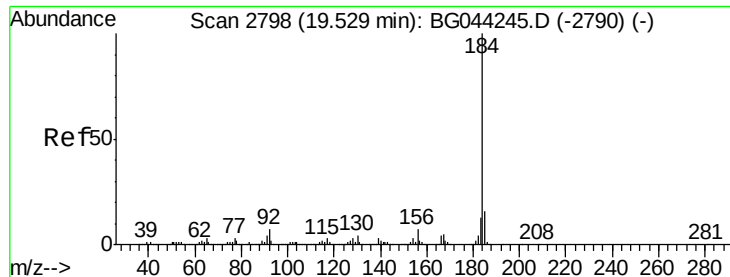
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.7	8.4	12.6		
236	28.1	22.1	33.1		





#77

Benzidine

Concen: 36.918 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

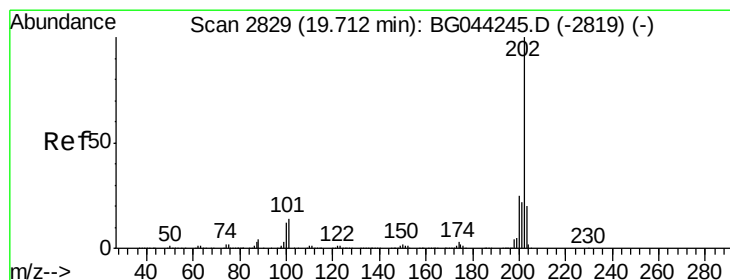
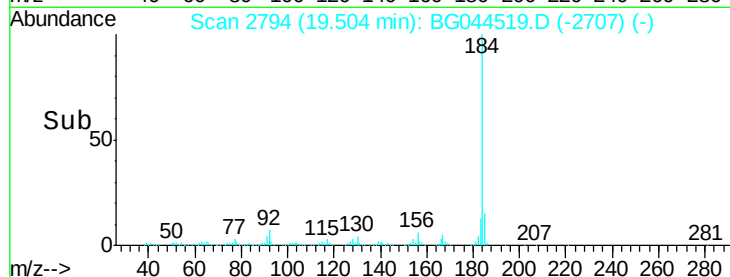
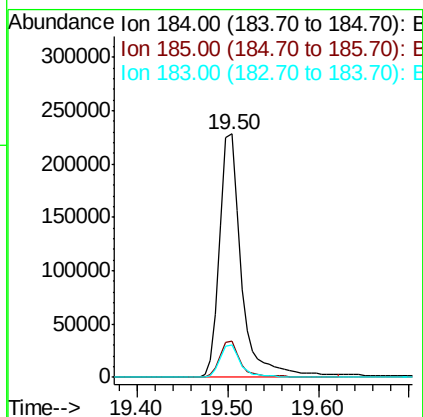
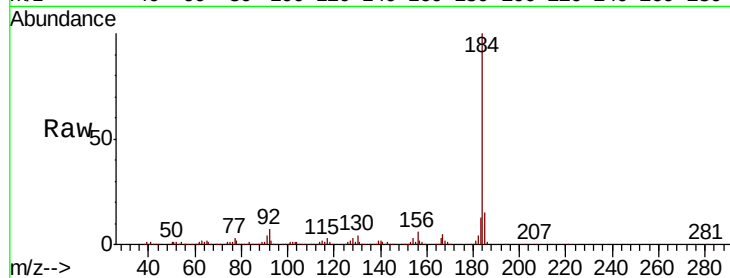
ClientSampleId :

PB126924BSD

Tot Ion:	184	Resp:	382992
Ion Ratio		Lower	Upper
184	100		
185	14.8	12.9	19.3
183	13.1	10.8	16.2

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#78

Pyrene

Concen: 46.662 ng

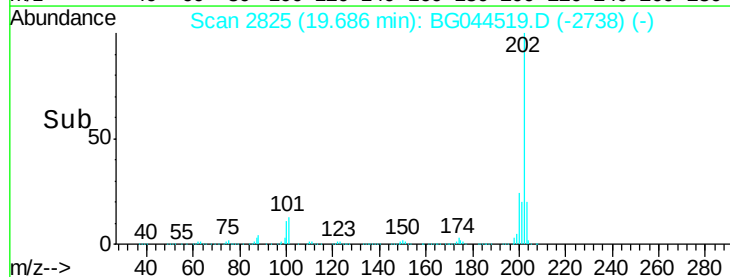
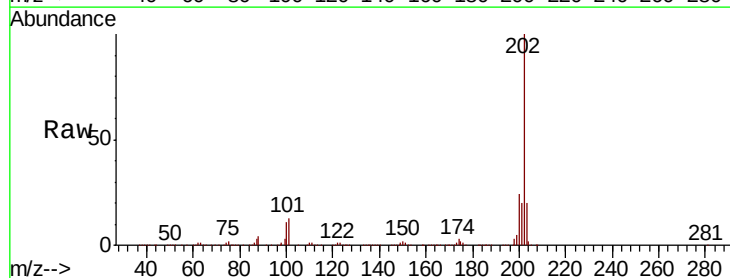
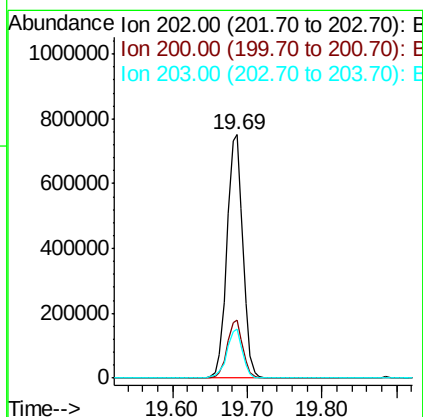
RT: 19.69 min Scan# 2825

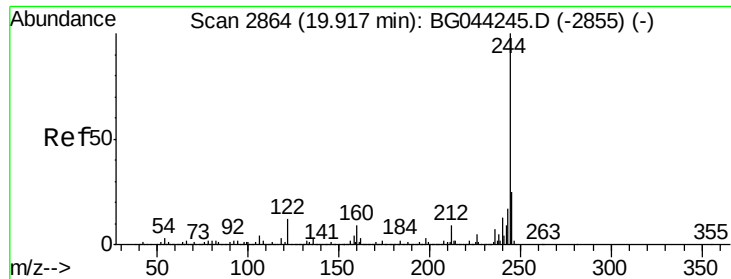
Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:	202	Resp:	1120784
Ion Ratio		Lower	Upper
202	100		
200	23.9	20.0	30.0
203	19.9	16.2	24.2





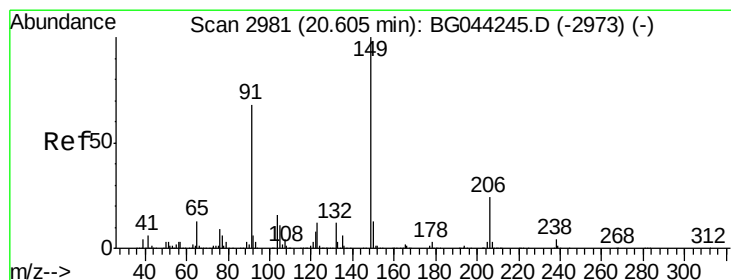
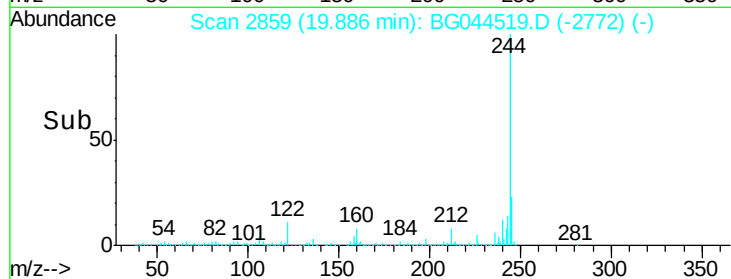
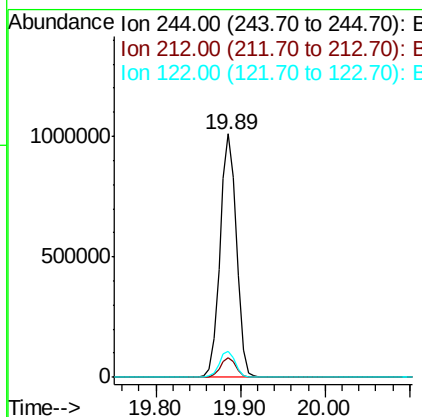
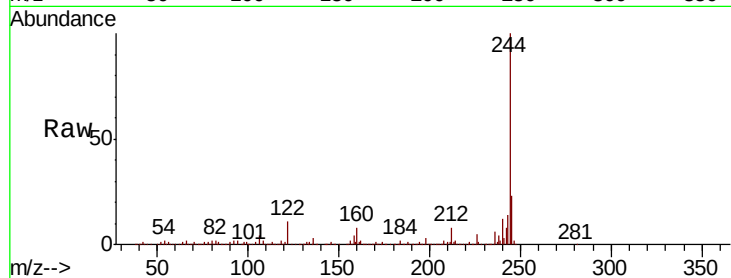
#79
 Terphenyl-d14
 Concen: 75.608 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Instrument :
 BNA_G
 ClientSampled :
 PB126924BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	10.8	9.8	14.6

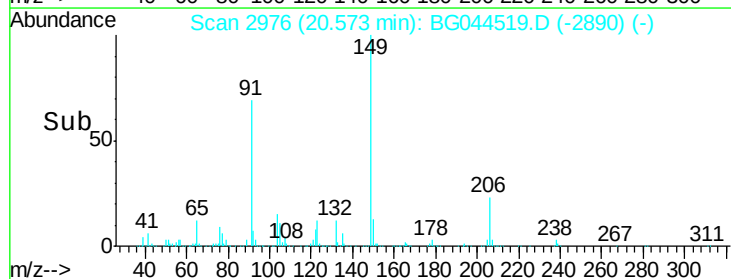
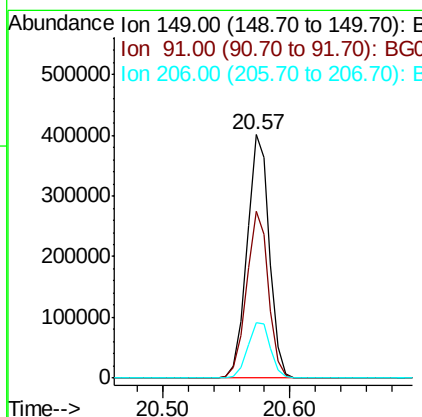
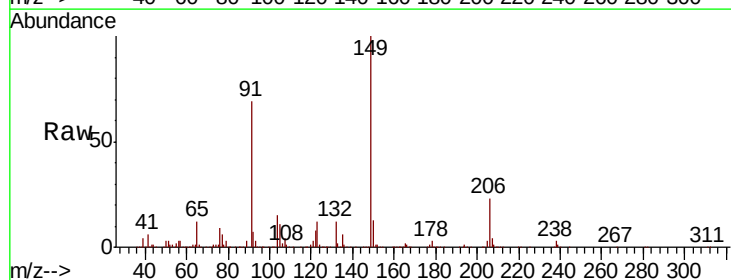
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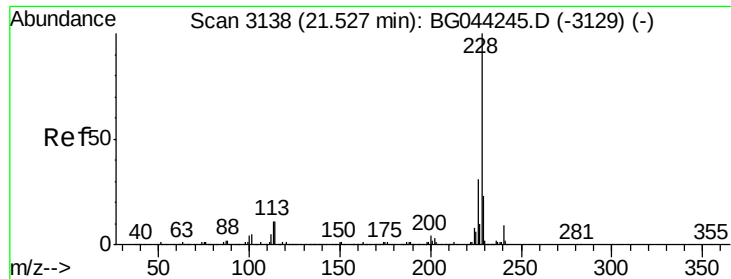
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#80
 Butylbenzylphthalate
 Concen: 44.480 ng
 RT: 20.57 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BG044519.D
 Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	54.5	81.7
206	23.0	19.1	28.7





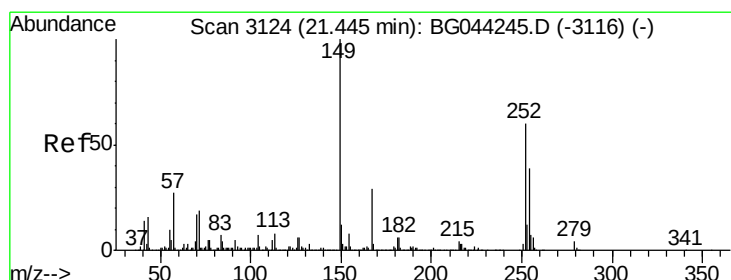
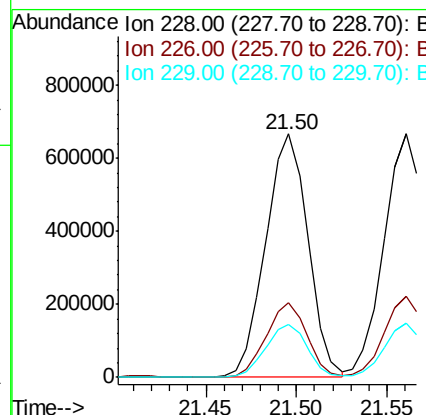
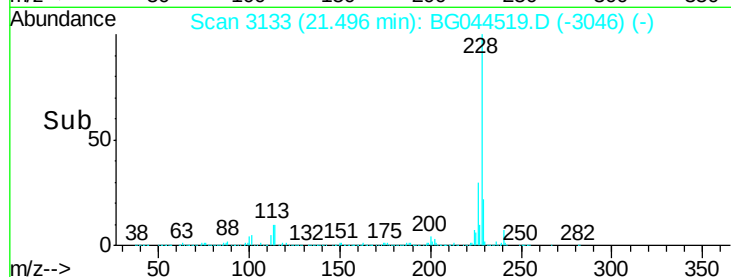
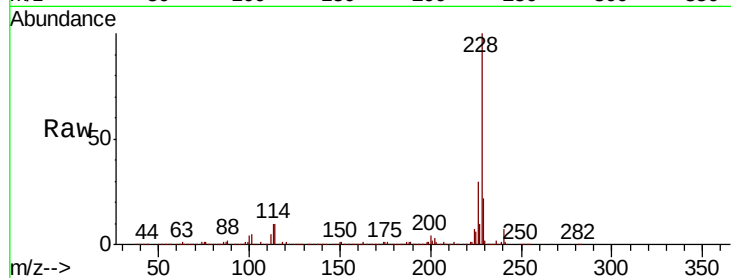
#81
Benzo(a)anthracene
Concen: 47.077 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion:228 Resp: 1085154
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 21.8 18.2 27.4

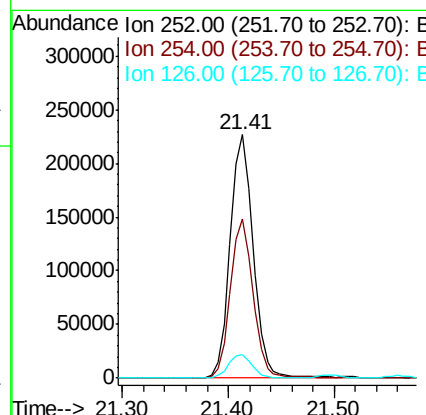
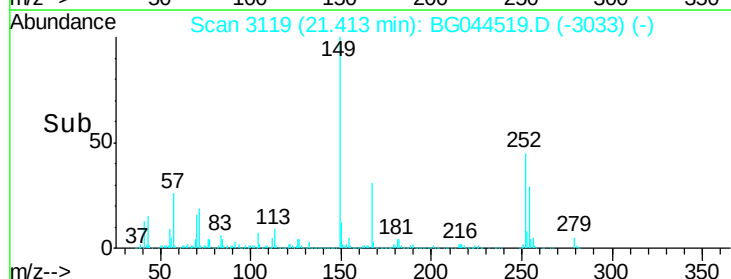
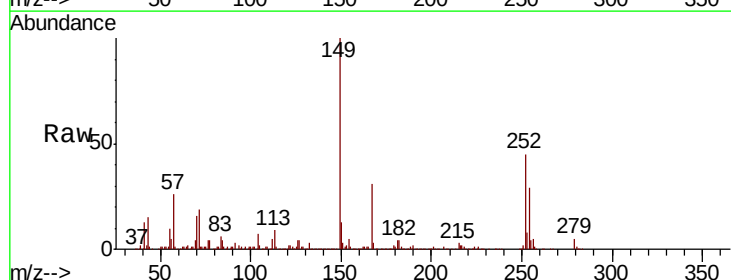
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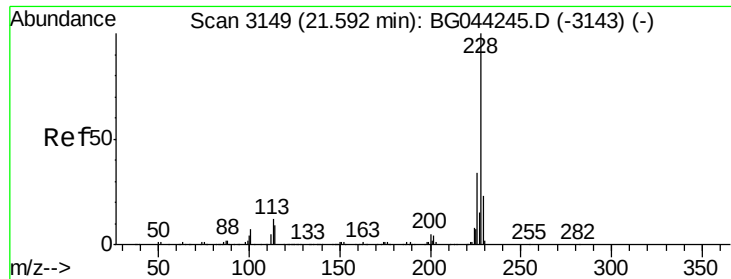
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#82
3,3'-Dichlorobenzidine
Concen: 38.379 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion:252 Resp: 343350
Ion Ratio Lower Upper
252 100
254 65.5 52.6 78.8
126 9.4 8.2 12.4





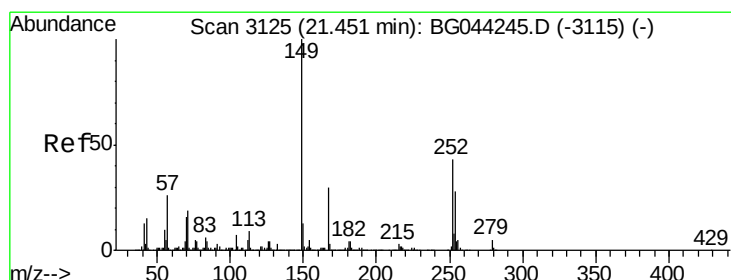
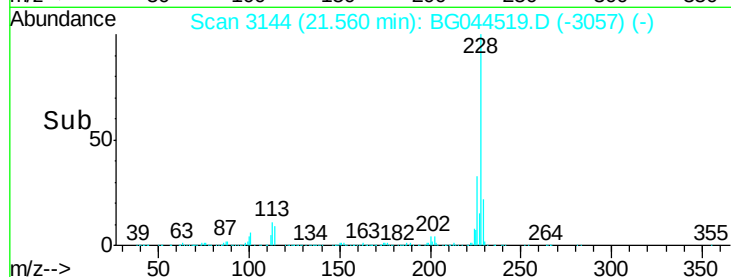
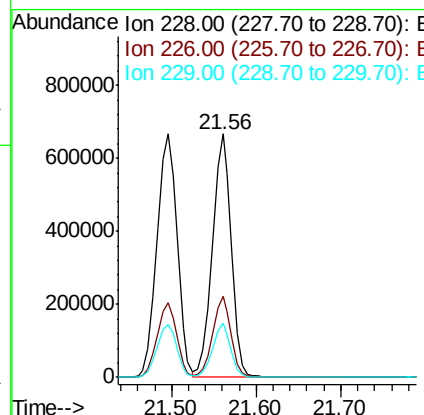
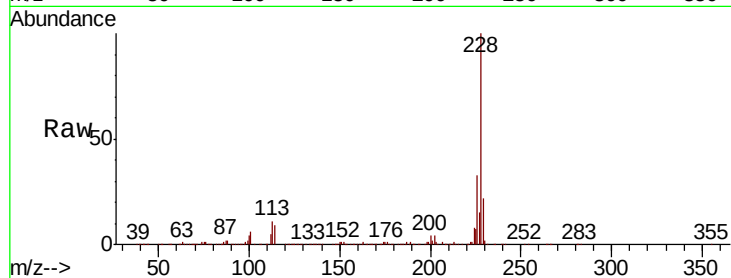
#83
Chrysene
Concen: 47.081 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion:228 Resp: 1048994
Ion Ratio Lower Upper
228 100
226 33.3 27.1 40.7
229 22.0 17.9 26.9

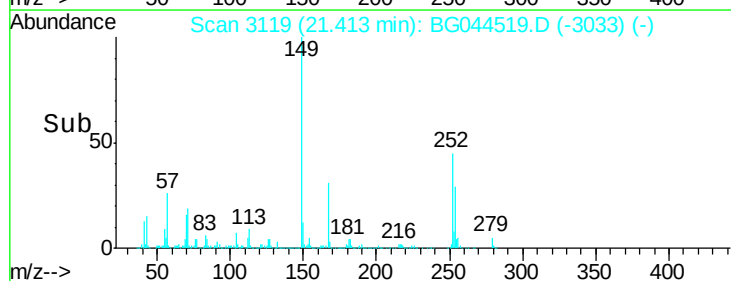
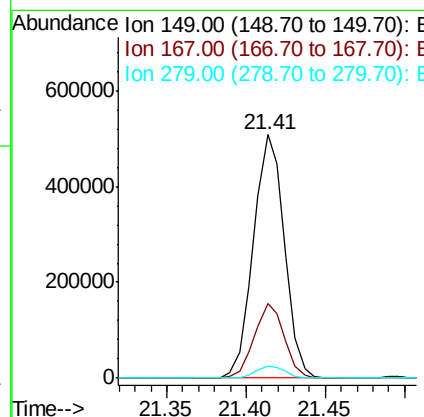
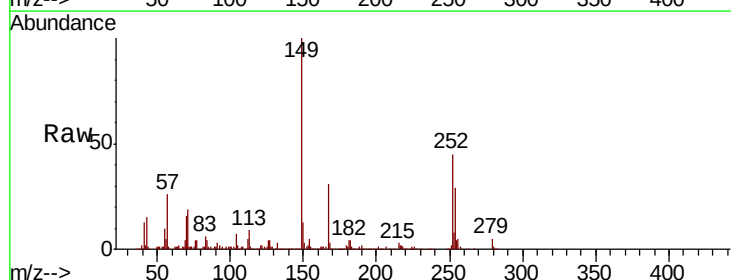
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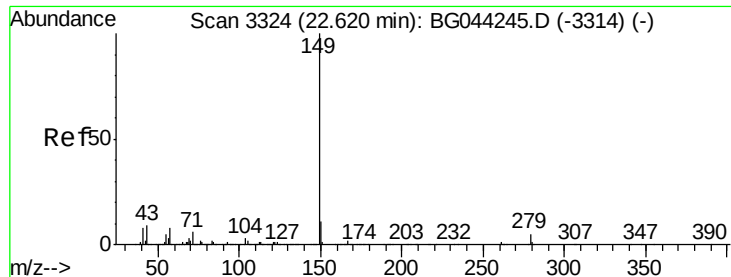
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.575 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion:149 Resp: 686635
Ion Ratio Lower Upper
149 100
167 30.5 24.0 36.0
279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 47.156 ng

RT: 22.58 min Scan# 3317

Delta R.T. -0.03 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

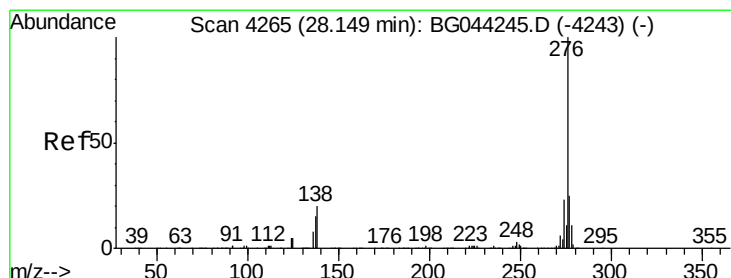
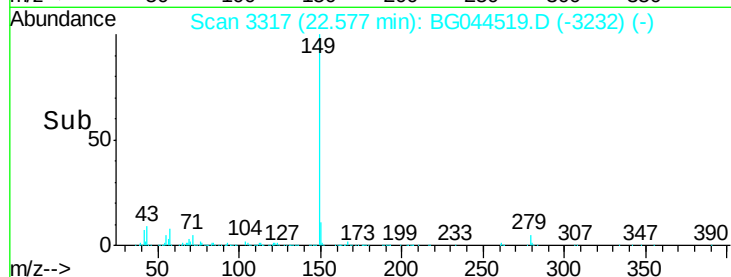
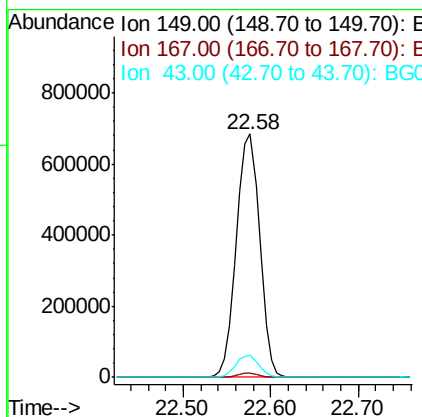
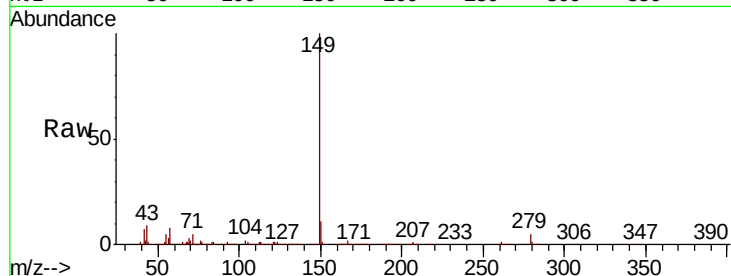
ClientSampleId :

PB126924BSD

Tot Ion:	149	Resp:	1229240
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.7	7.4	11.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.861 ng

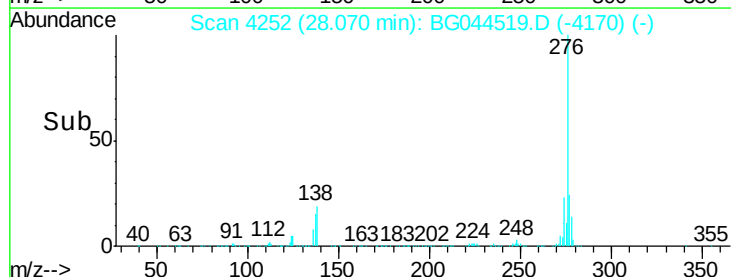
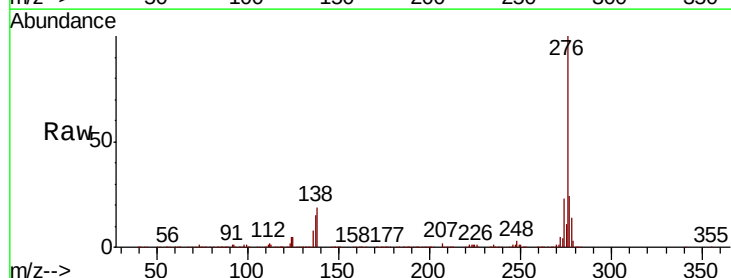
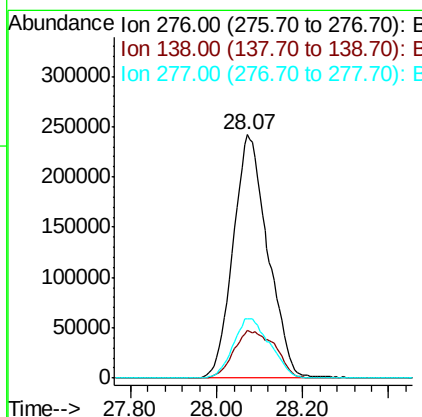
RT: 28.07 min Scan# 4252

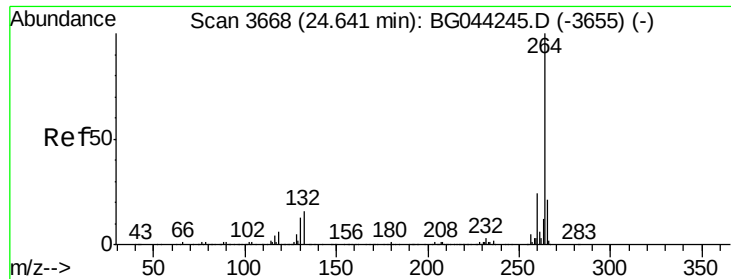
Delta R.T. -0.05 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:	276	Resp:	1362174
Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.4	29.0
277	26.1	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3659

Delta R.T. -0.03 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA_G

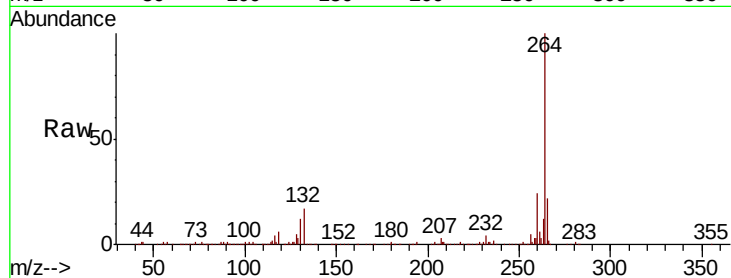
ClientSampleId :

PB126924BSD

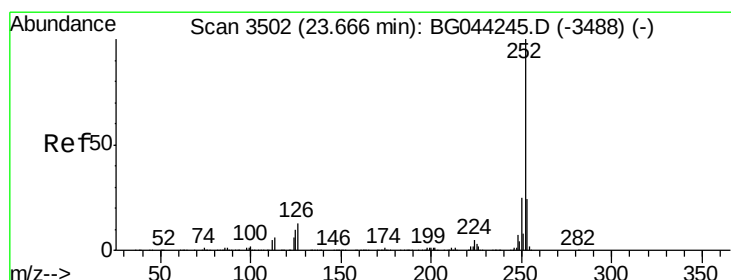
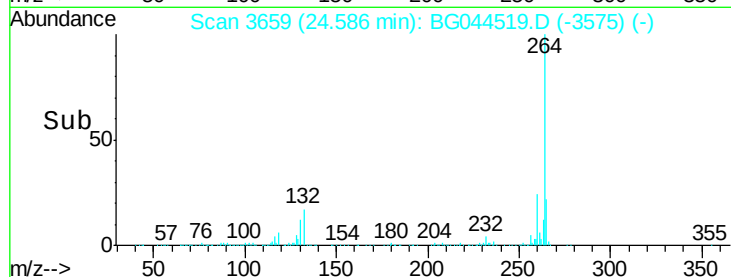
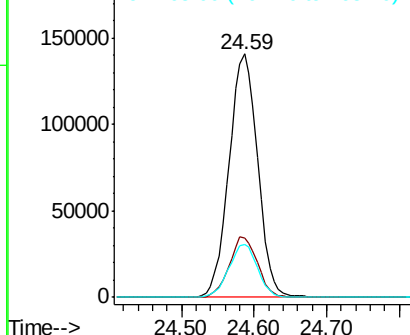
Tot Ion:	264	Resp:	386937
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.166 ng

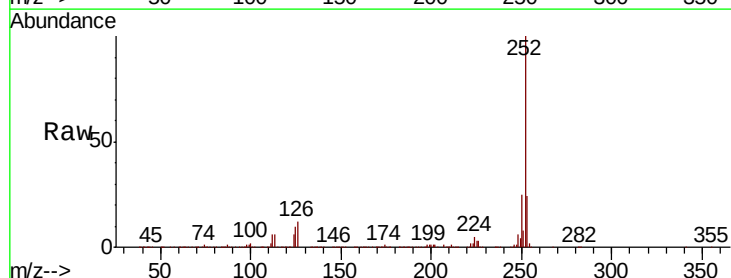
RT: 23.62 min Scan# 3494

Delta R.T. -0.03 min

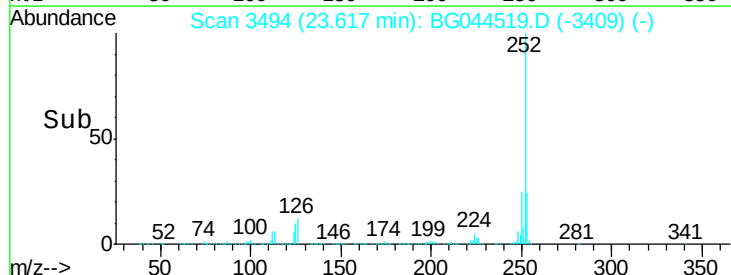
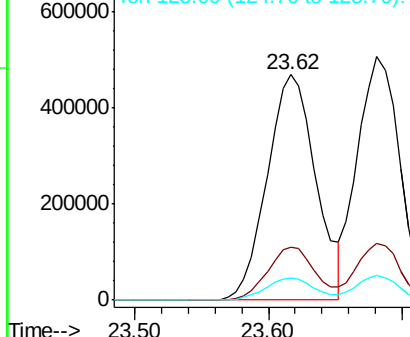
Lab File: BG044519.D

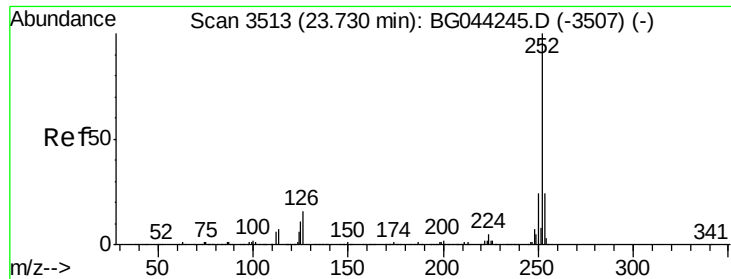
Acq: 20 Feb 2020 14:01

Tgt Ion:	252	Resp:	1185430
Ion Ratio		Lower	Upper
252	100		
253	23.6	19.2	28.8
125	9.9	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





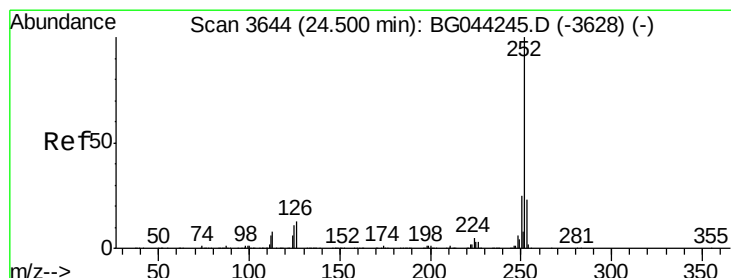
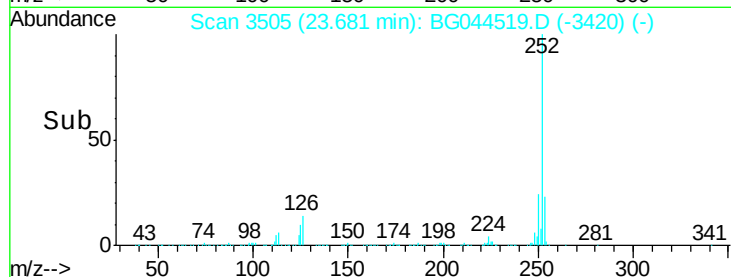
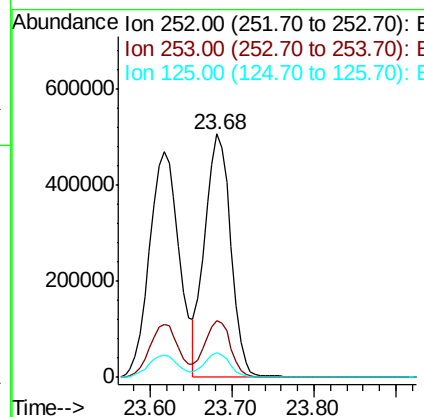
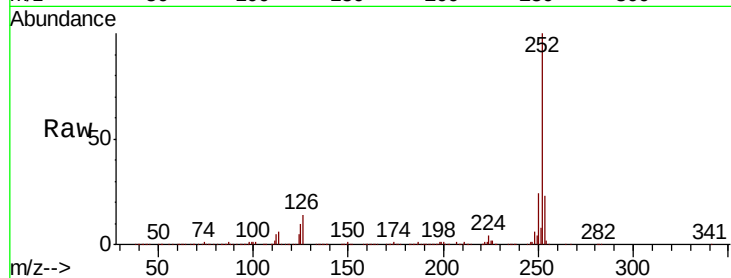
#89
Benzo(k)fluoranthene
Concen: 51.287 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	9.9	8.6	12.8

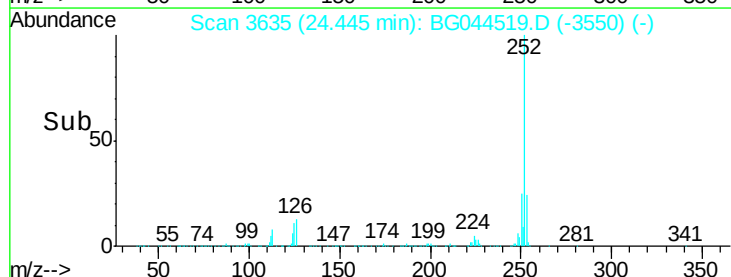
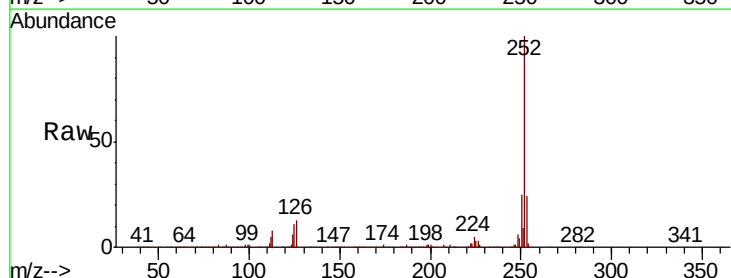
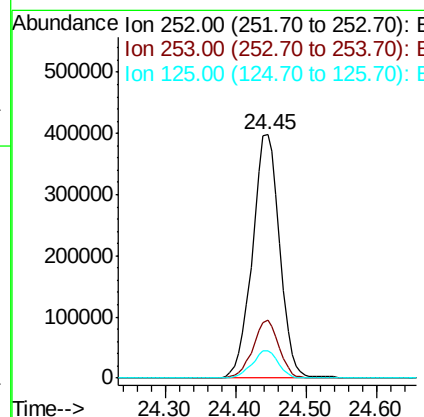
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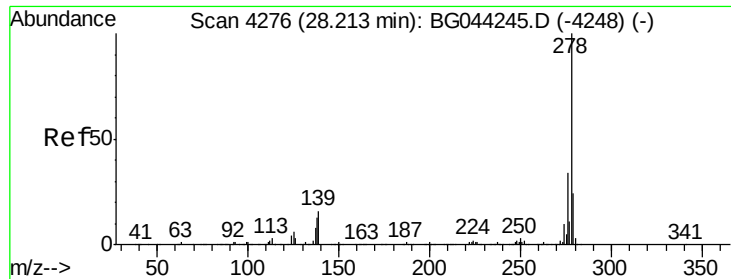
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#90
Benzo(a)pyrene
Concen: 50.851 ng
RT: 24.45 min Scan# 3635
Delta R.T. -0.03 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.1	8.6	13.0





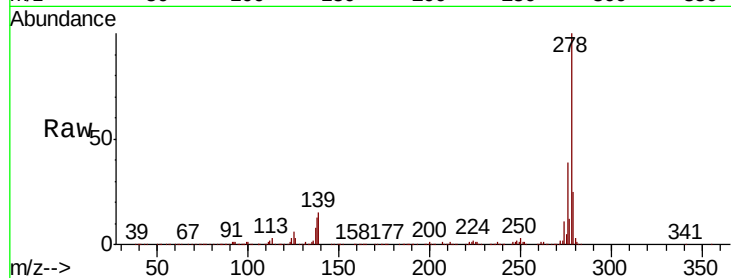
#91
Dibenzo(a,h)anthracene
Concen: 54.202 ng
RT: 28.13 min Scan# 4262
Delta R.T. -0.05 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

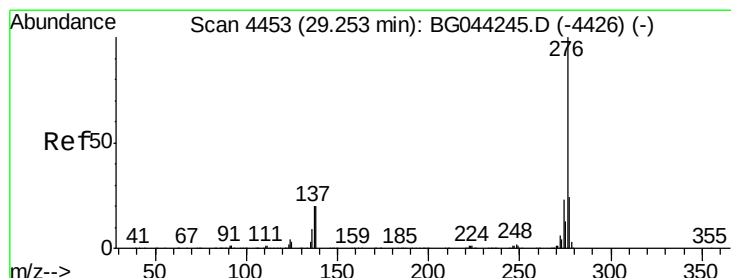
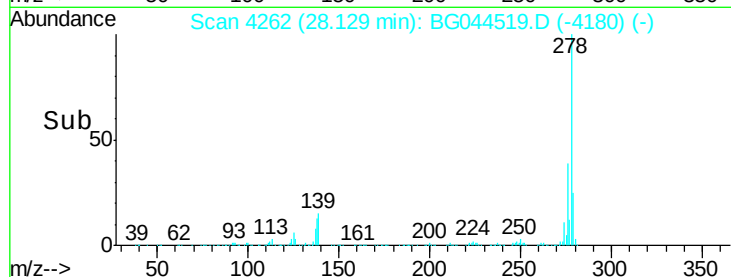
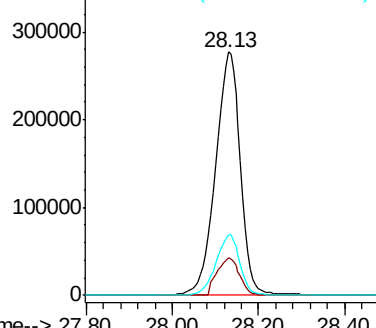
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.7	19.1
279	24.6	19.3	28.9

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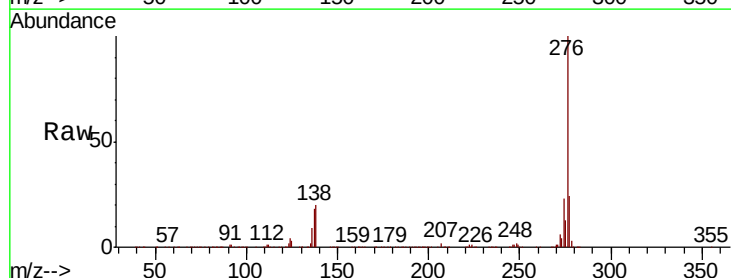


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.048 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.04 min
Lab File: BG044519.D
Acq: 20 Feb 2020 14:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.7	16.2	24.2



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

