

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044392.D
 Acq On : 11 Feb 2020 17:15
 Operator : CG/JU
 Sample : PB126699BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BS

Manual Integrations
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mohammad
 2/13/2020 3:32:43 PM

Quant Time: Feb 12 03:28:27 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	7.90	152	69402	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	294772	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	189813	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	466373	20.00	ng	0.00
76) Chrysene-d12	21.53	240	464107	20.00	ng	0.00
87) Perylene-d12	24.62	264	344907	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	506301	128.75	ng	0.00
7) Phenol-d6	7.08	99	702598	133.05	ng	0.00
23) Nitrobenzene-d5	9.06	82	395173	75.69	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	304073	136.46	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	947744	83.61	ng	0.00
79) Terphenyl-d14	19.91	244	1559565	69.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	60556	34.274	ng	98
3) Pyridine	3.76	79	153818	32.677	ng	99
4) n-Nitrosodimethylamine	3.67	42	71940	36.573	ng	98
6) Aniline	7.23	93	147001	22.427	ng	99
8) 2-Chlorophenol	7.47	128	185528	42.927	ng	96
9) Benzaldehyde	7.05	77	941	0.313	ng	# 79
10) Phenol	7.10	94	232449	44.478	ng	98
11) bis(2-Chloroethyl)ether	7.33	93	171139	38.303	ng	97
12) 1,3-Dichlorobenzene	7.80	146	189496	36.723	ng	98
13) 1,4-Dichlorobenzene	7.94	146	191113	37.394	ng	99
14) 1,2-Dichlorobenzene	8.26	146	183242	37.932	ng	97
15) Benzyl Alcohol	8.14	79	154576	41.346	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	226432	37.443	ng	98
17) 2-Methylphenol	8.36	107	160499	43.044	ng	100
18) Hexachloroethane	8.99	117	71569	37.317	ng	98
19) n-Nitroso-di-n-propylamine	8.71	70	136173	38.693	ng	99
20) 3+4-Methylphenols	8.68	107	221033	43.013	ng	99
22) Acetophenone	8.73	105	263943	36.808	ng	98
24) Nitrobenzene	9.10	77	192467	37.759	ng	98
25) Isophorone	9.63	82	378755	38.920	ng	100
26) 2-Nitrophenol	9.82	139	105753	39.984	ng	100
27) 2,4-Dimethylphenol	9.88	122	179492	48.076	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	242123	37.296	ng	99
29) 2,4-Dichlorophenol	10.36	162	192267	42.589	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	190725	36.844	ng	99
31) Naphthalene	10.75	128	558360	39.042	ng	99
32) Benzoic acid	10.04	122	96962	41.959	ng	95
33) 4-Chloroaniline	10.86	127	104424	16.055	ng	96
34) Hexachlorobutadiene	11.05	225	109948	34.518	ng	100
35) Caprolactam	11.63	113	71424m	43.189	ng	
36) 4-Chloro-3-methylphenol	12.00	107	209909	44.348	ng	98
37) 2-Methylnaphthalene	12.37	142	427297	40.241	ng	99
38) 1-Methylnaphthalene	12.59	142	406480	40.603	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	214129	37.713	ng	99

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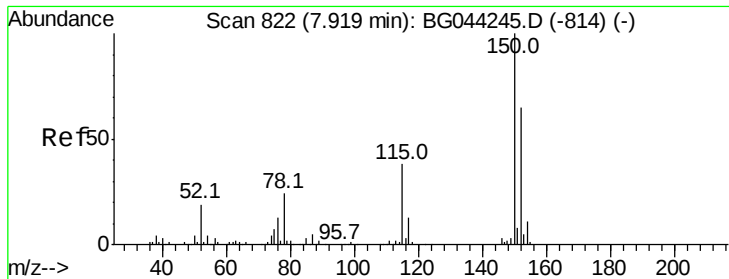
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	135721	49.816	nq	100
43) 2,4,6-Trichlorophenol	12.98	196	156185	42.556	nq	100
44) 2,4,5-Trichlorophenol	13.06	196	169477	45.211	nq	99
46) 1,1'-Biphenyl	13.38	154	556463	40.643	nq	98
47) 2-Chloronaphthalene	13.42	162	430588	39.522	nq	100
48) 2-Nitroaniline	13.62	65	131869	41.013	nq	99
49) Acenaphthylene	14.27	152	687000	42.991	nq	99
50) Dimethylphthalate	14.00	163	587586	43.065	nq	99
51) 2,6-Dinitrotoluene	14.11	165	132639	43.599	nq	96
52) Acenaphthene	14.61	154	428857	41.404	nq	97
53) 3-Nitroaniline	14.45	138	90941	27.019	nq	96
54) 2,4-Dinitrophenol	14.65	184	154288	85.057	nq	98
55) Dibenzofuran	14.94	168	684162	43.627	nq	100
56) 4-Nitrophenol	14.77	139	237619	96.380	nq	99
57) 2,4-Dinitrotoluene	14.91	165	193443	45.367	nq	96
58) Fluorene	15.59	166	552709	44.748	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	158935	46.939	nq	99
60) Diethylphthalate	15.37	149	604446	44.459	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	286798	42.824	nq	99
62) 4-Nitroaniline	15.61	138	139755	41.554	nq	97
63) Azobenzene	15.88	77	528805	44.379	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	116377	45.206	nq	97
66) n-Nitrosodiphenylamine	15.80	169	516574	39.524	nq	100
67) 4-Bromophenyl-phenylether	16.48	248	194068	38.194	nq	98
68) Hexachlorobenzene	16.60	284	210896	37.048	nq	99
69) Atrazine	16.75	200	111173	24.817	nq	99
70) Pentachlorophenol	16.95	266	354029	121.298	nq	97
71) Phenanthrene	17.33	178	923755	40.904	nq	98
72) Anthracene	17.42	178	907211	40.632	nq	98
73) Carbazole	17.69	167	857078	41.640	nq	100
74) Di-n-butylphthalate	18.26	149	1065745	41.899	nq	100
75) Fluoranthene	19.34	202	1100271	42.116	nq	99
77) Benzidine	19.53	184	123015	9.556	nq	97
78) Pyrene	19.70	202	1112397	37.322	nq	98
80) Butylbenzylphthalate	20.59	149	488211	35.944	nq	97
81) Benzo(a)anthracene	21.52	228	1059252	37.032	nq	99
82) 3,3'-Dichlorobenzidine	21.43	252	303086	27.302	nq	98
83) Chrysene	21.58	228	1003185	36.284	nq	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	674306	36.068	nq	99
85) Di-n-octyl phthalate	22.60	149	1184419	36.616	nq	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1264600	35.059	nq	100
88) Benzo(b)fluoranthene	23.65	252	1104333	55.565	nq	99
89) Benzo(k)fluoranthene	23.71	252	1082305	55.873	nq	99
90) Benzo(a)pyrene	24.48	252	1054579	56.121	nq	99
91) Dibenzo(a,h)anthracene	28.19	278	1052788	56.610	nq	98
92) Benzo(g,h,i)perylene	29.21	276	1068598	57.399	nq	98

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



#1

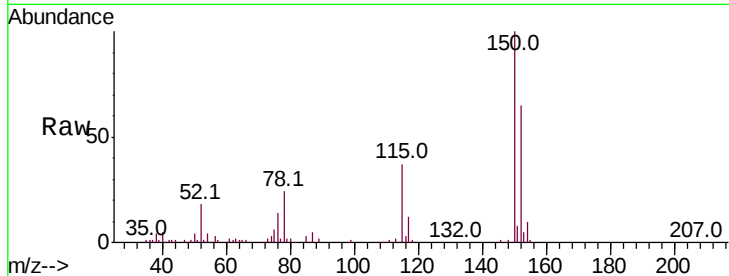
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.6	183.8
115	56.9	46.0	69.0

Manual Integrations
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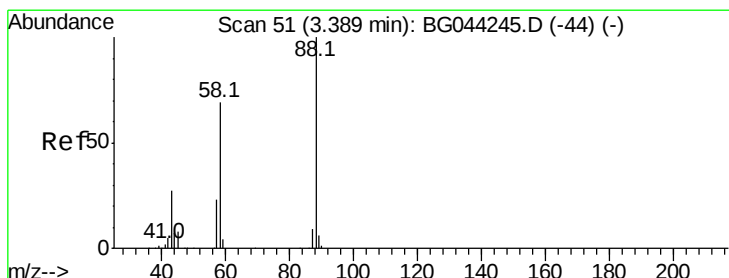
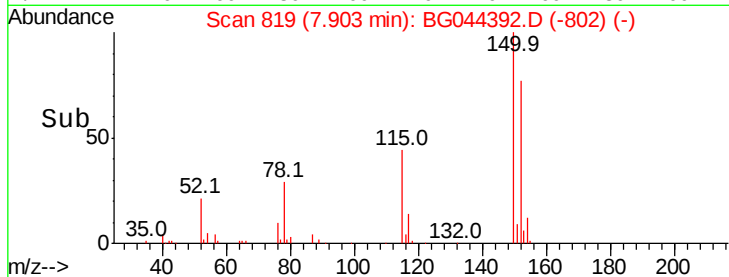
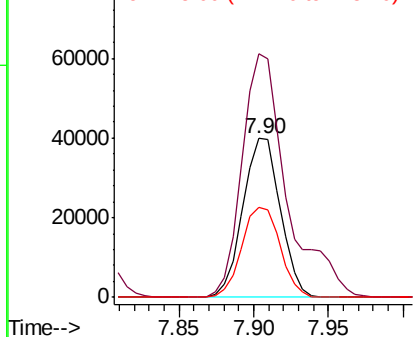


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

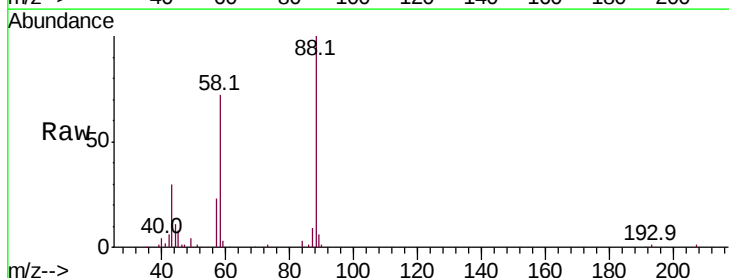
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.274 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.8	83.6
43	29.3	21.6	32.4

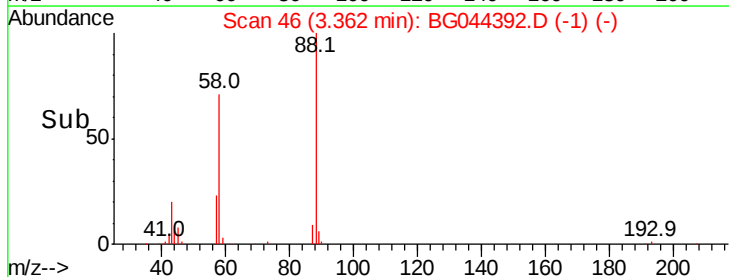
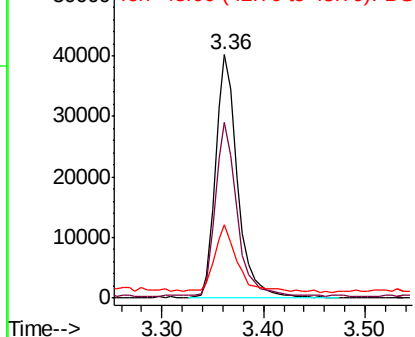


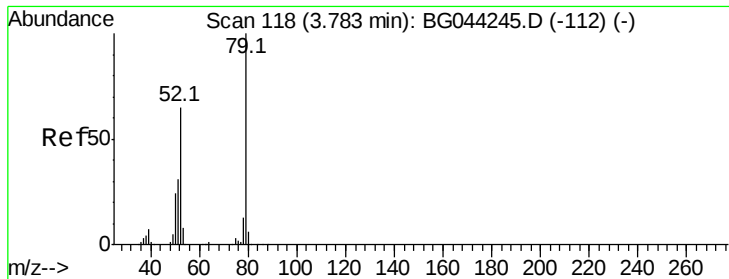
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





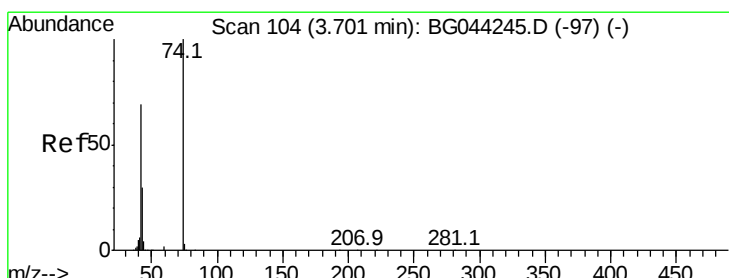
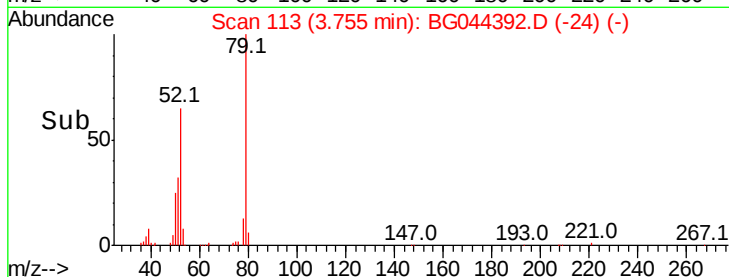
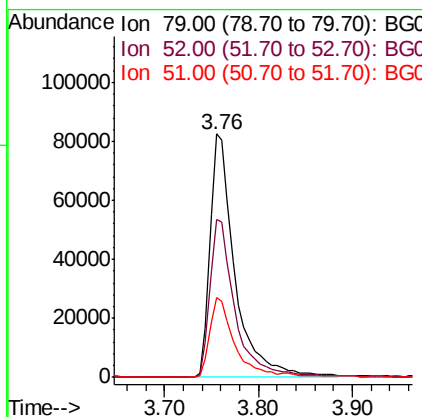
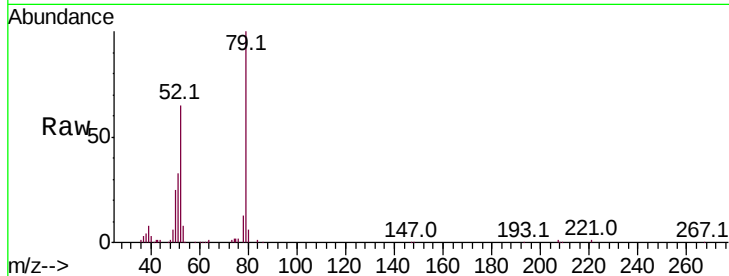
#3
 Pvridine
 Concen: 32.677 ng
 RT: 3.76 min Scan# 113
 Delta R.T. -0.01 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Instrument :
 BNA_G
 ClientSampled :
 PB126699BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.9	51.9	77.9
51	32.8	25.3	37.9

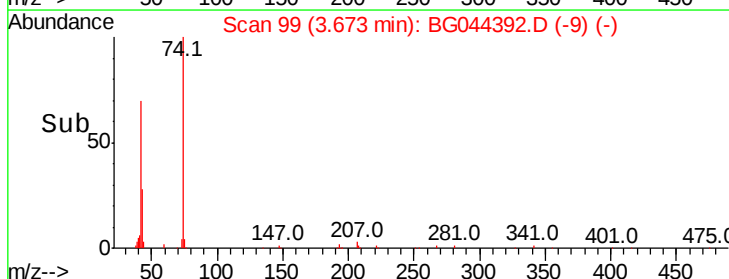
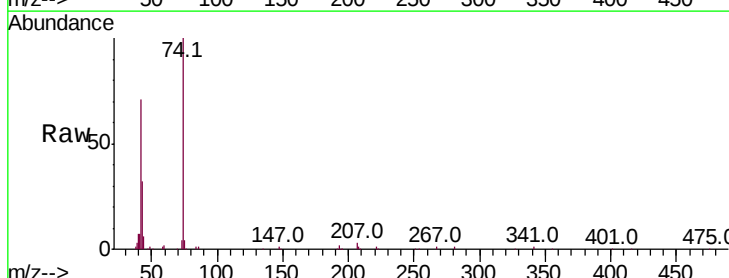
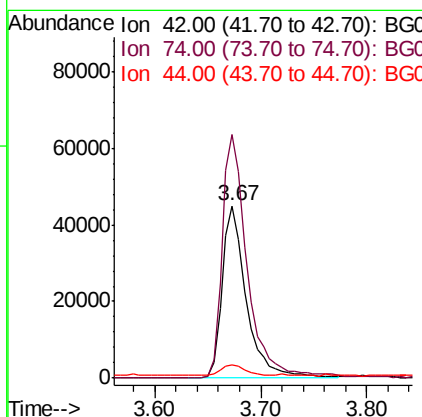
Manual Integrations
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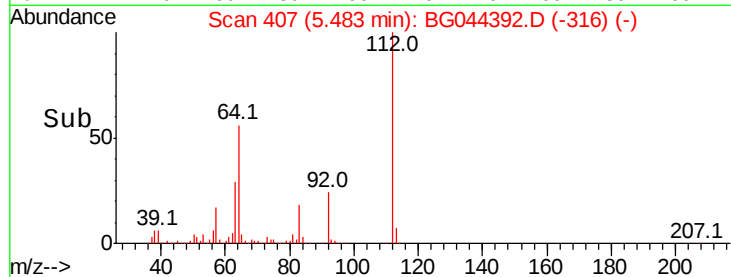
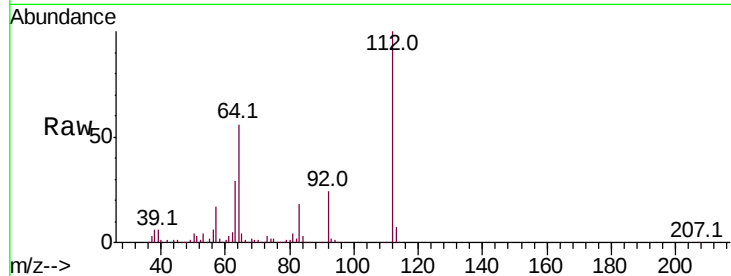
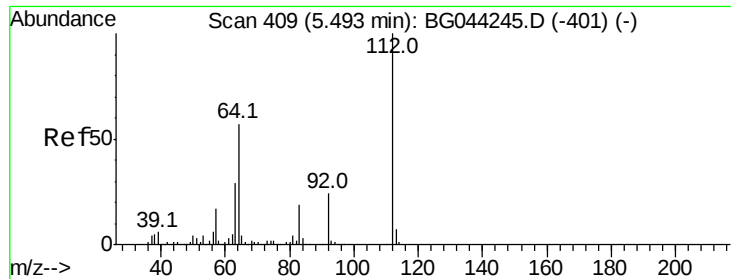
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#4
 n-Nitrosodimethylamine
 Concen: 36.573 ng
 RT: 3.67 min Scan# 99
 Delta R.T. -0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.3	115.1	172.7
44	7.9	5.6	8.4





#5

2-Fluorophenol

Concen: 128.749 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tot Ion	Ratio	Resp	Lower	Upper
112	100	506301		
64	56.0		45.4	68.2
63	29.3		22.9	34.3

Instrument :

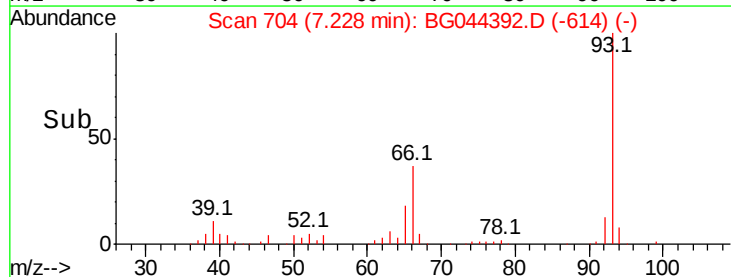
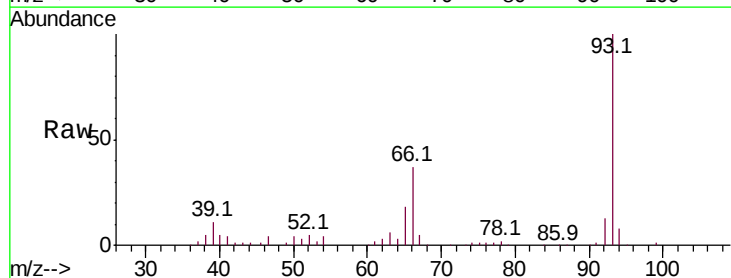
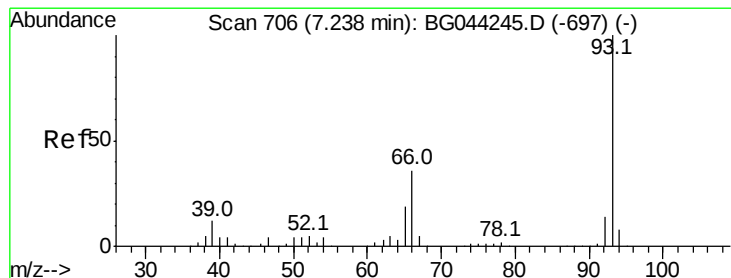
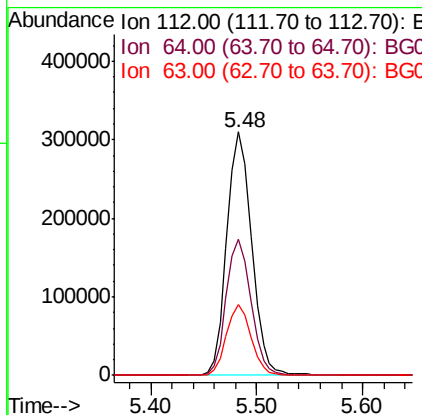
BNA_G

ClientSampleId :

PB126699BS

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#6

Aniline

Concen: 22.427 ng

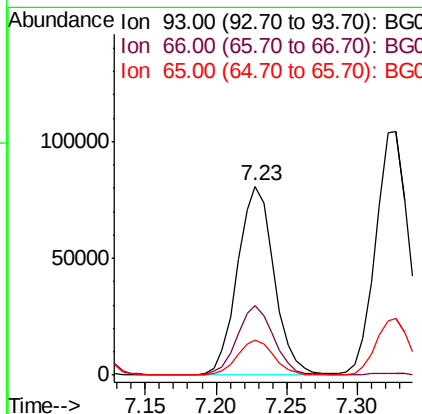
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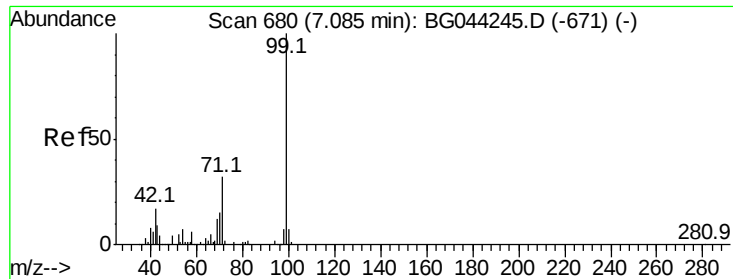
Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	147001		
66	36.6		28.7	43.1
65	18.3		15.4	23.0





#7

Phenol-d6

Concen: 133.050 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

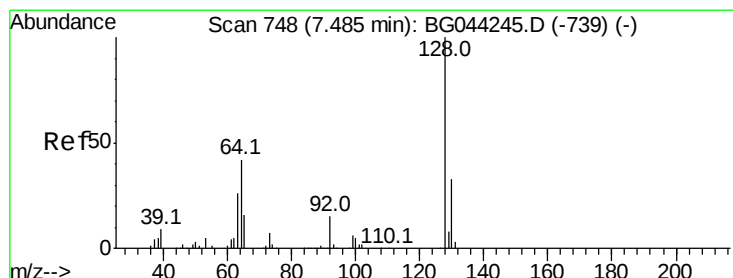
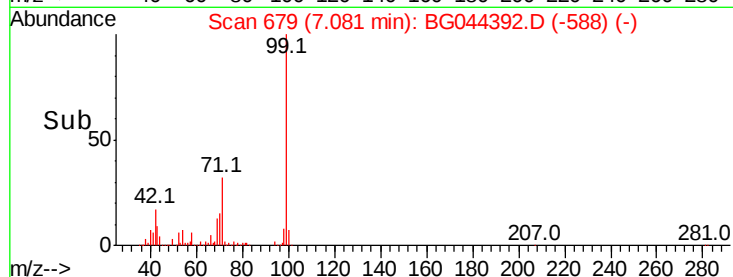
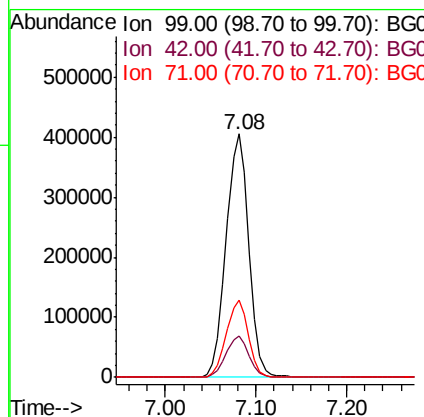
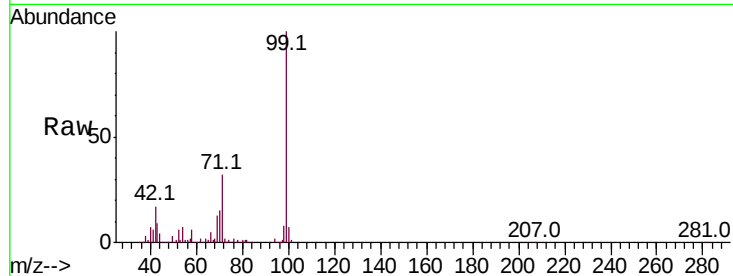
ClientSampled :

PB126699BS

Tot Ion	99	Resp	702598
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.6
71	31.7	25.5	38.3

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#8

2-Chlorophenol

Concen: 42.927 ng

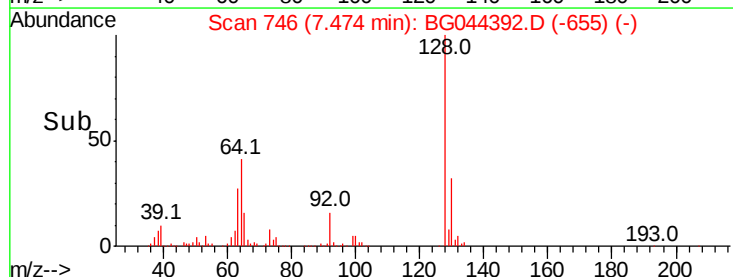
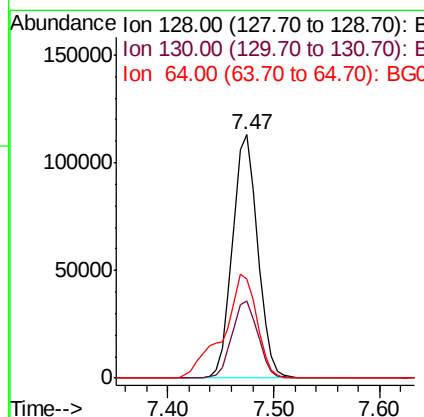
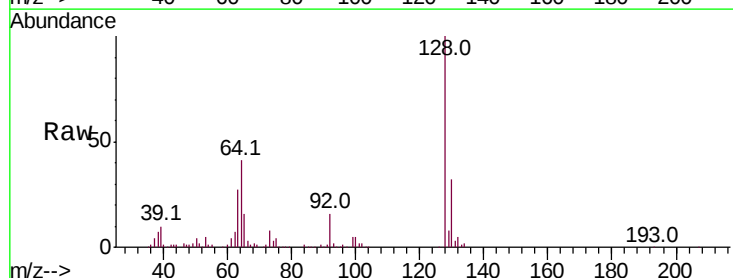
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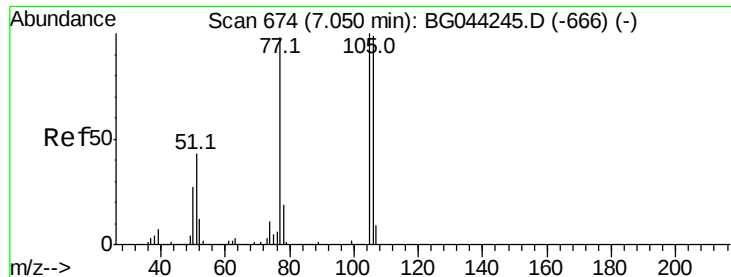
Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion	128	Resp	185528
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.5	52.5
64	40.8	24.2	64.2





#9

Benzaldehyde

Concen: 0.313 ng

RT: 7.05 min Scan# 673

Delta R.T. 0.01 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

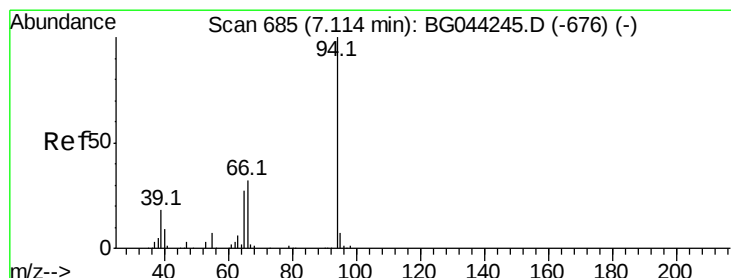
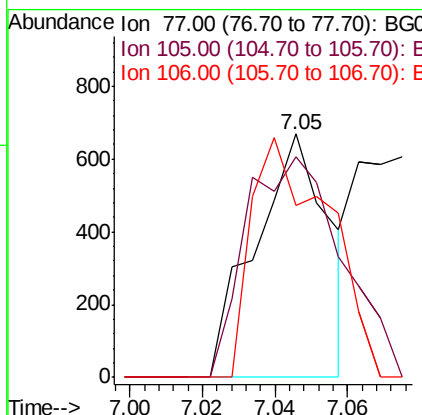
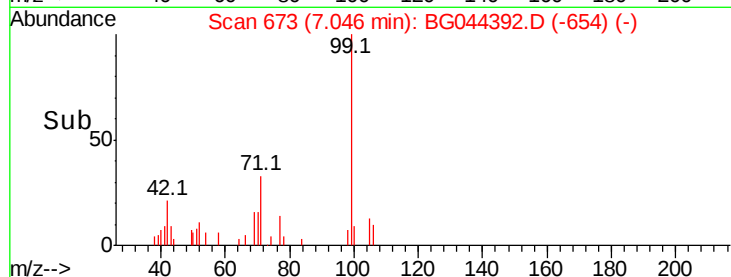
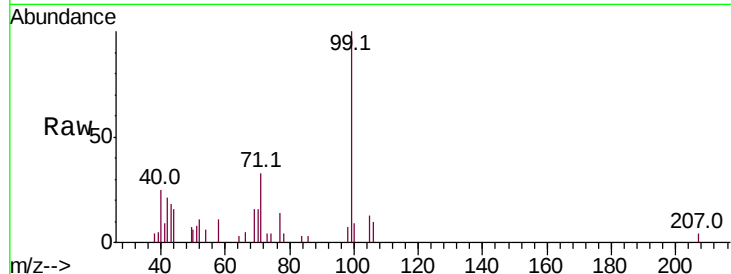
ClientSampleId :

PB126699BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.4	82.0	122.0
106	70.6	80.7	120.7

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#10

Phenol

Concen: 44.478 ng

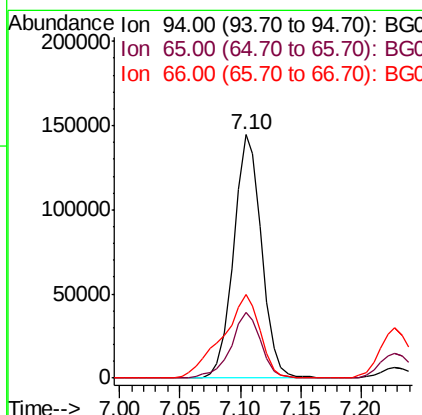
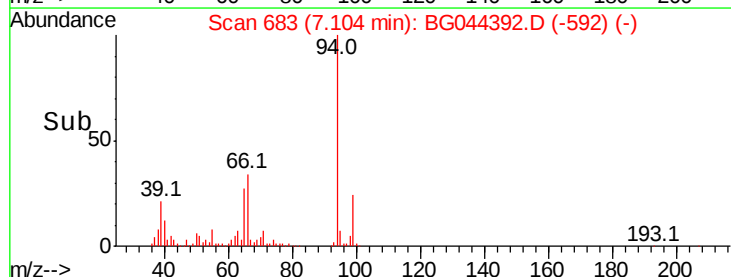
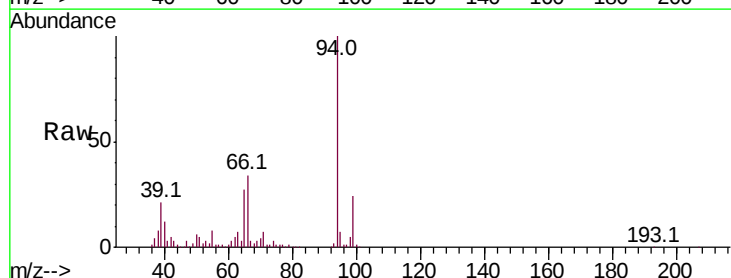
RT: 7.10 min Scan# 683

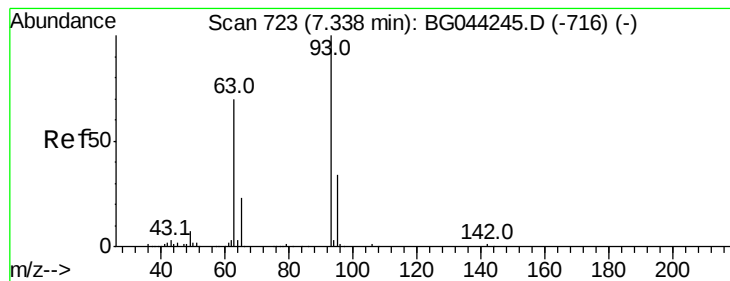
Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.0	47.0
66	34.3	12.7	52.7





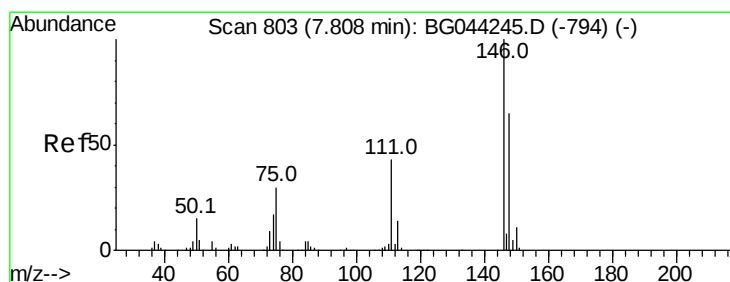
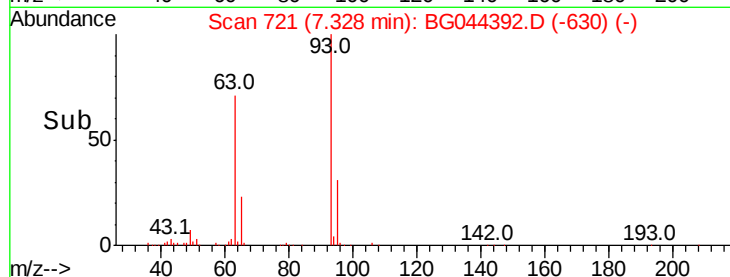
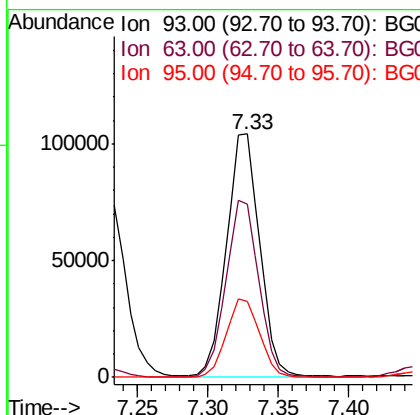
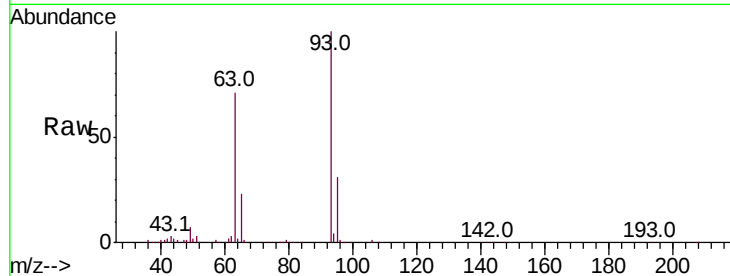
#11
bis(2-Chloroethyl)ether
Concen: 38.303 ng
RT: 7.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	171139		
63	71.4	49.2	89.2	
95	31.3	13.6	53.6	

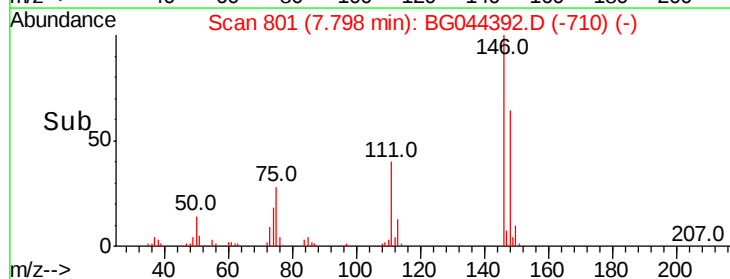
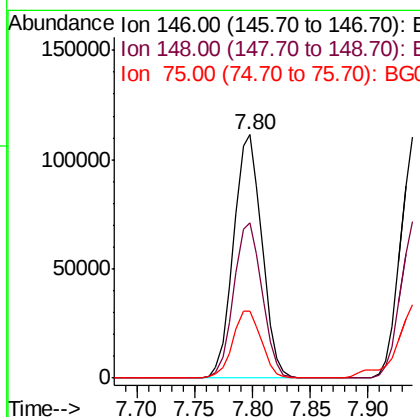
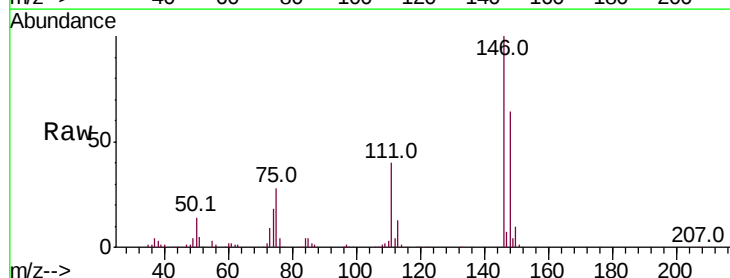
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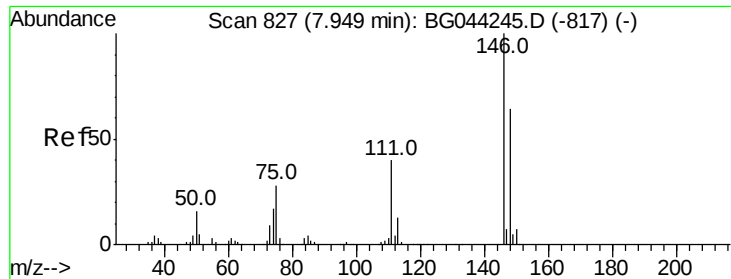
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.723 ng
RT: 7.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189496		
148	63.6	51.8	77.8	
75	27.8	23.7	35.5	





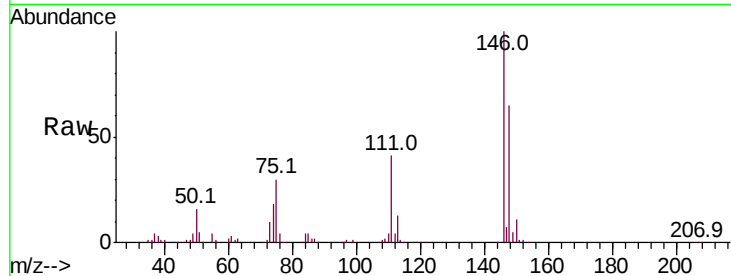
#13
1,4-Dichlorobenzene
Concen: 37.394 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	40.6	31.8	47.8

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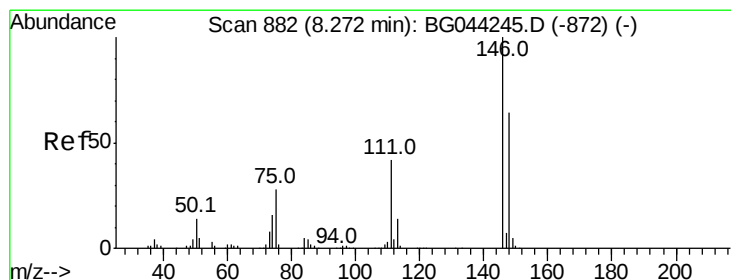
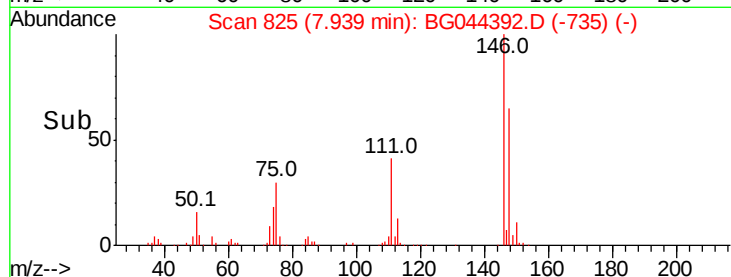
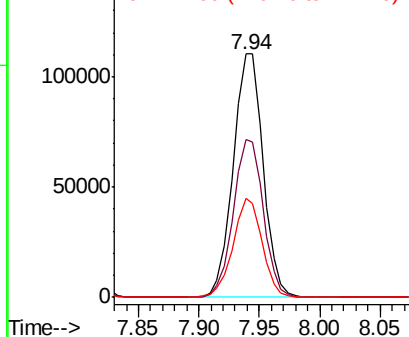


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 37.932 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

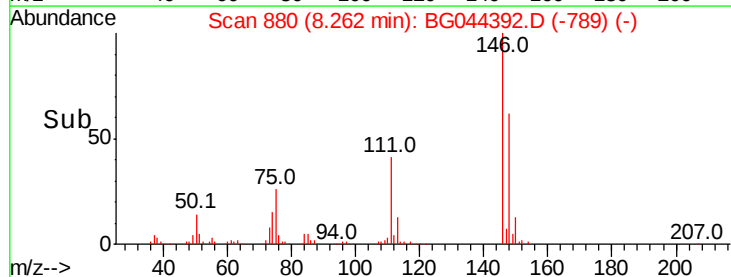
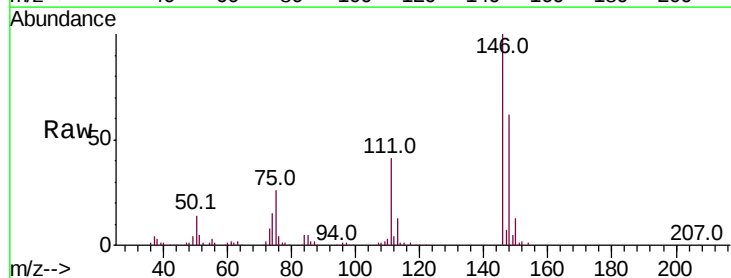
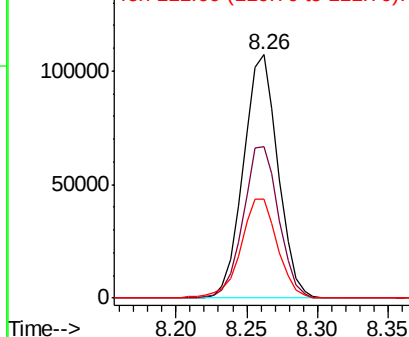
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.2	76.8
111	40.5	34.0	51.0

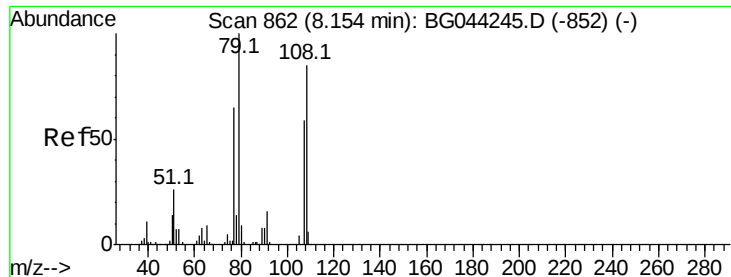
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.346 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

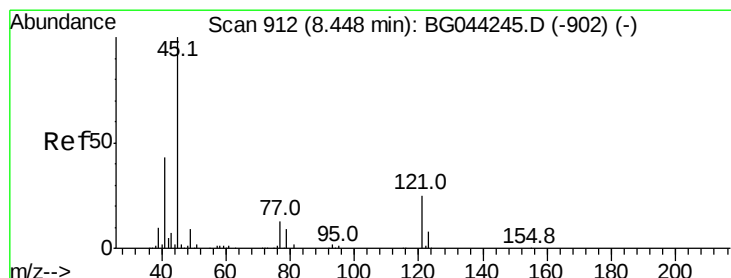
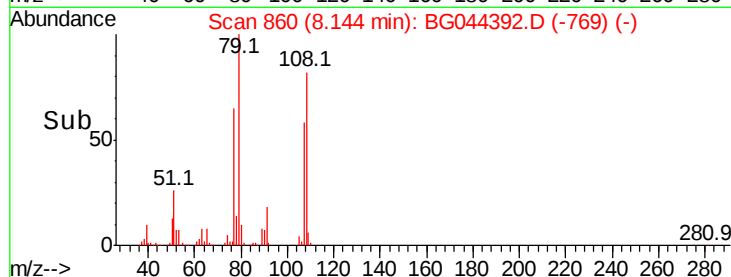
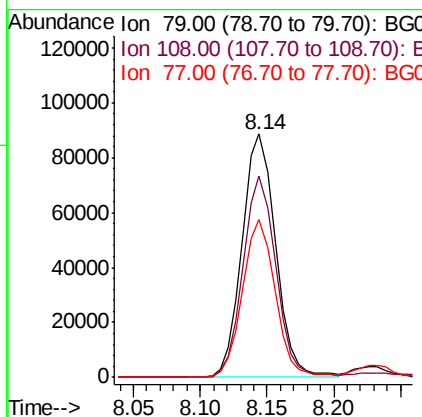
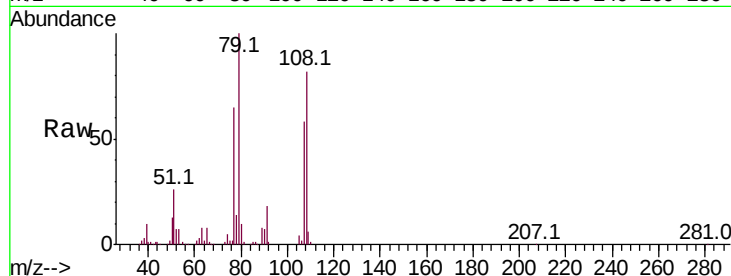
ClientSampleId :

PB126699BS

Tot Ion:	79	Resp:	154576
Ion Ratio	Lower	Upper	
79	100		
108	82.5	68.3	102.5
77	64.9	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.443 ng

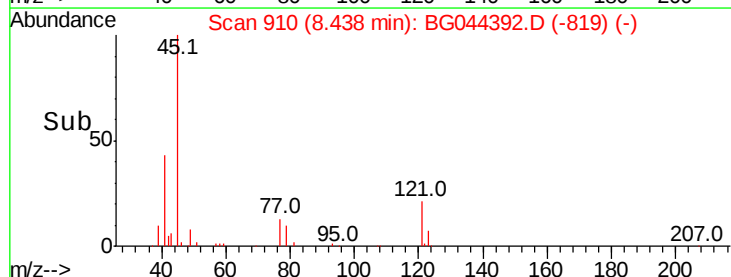
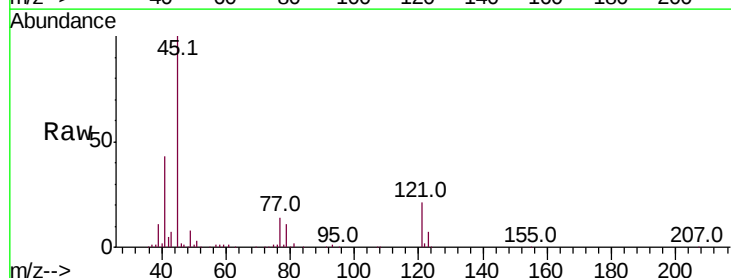
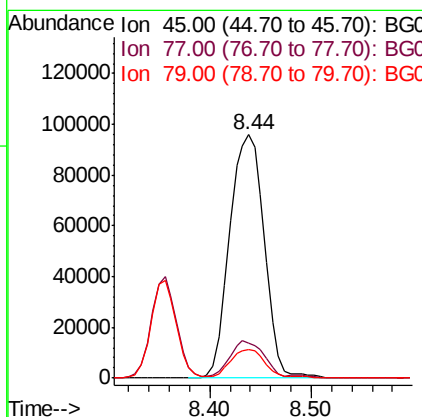
RT: 8.44 min Scan# 910

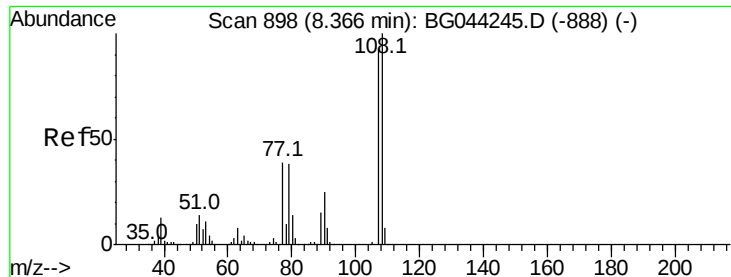
Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion:	45	Resp:	226432
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	35.2
79	11.5	0.0	31.1





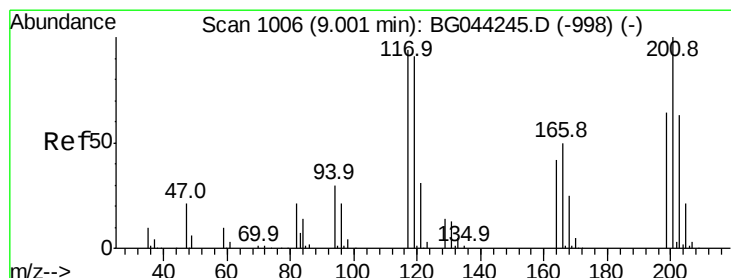
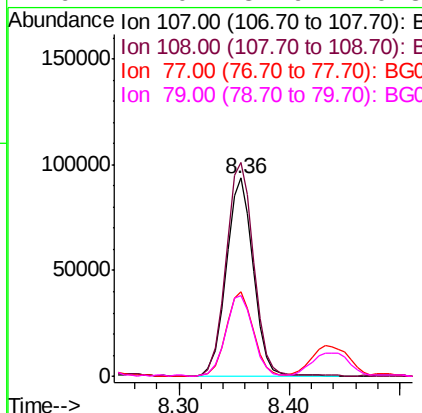
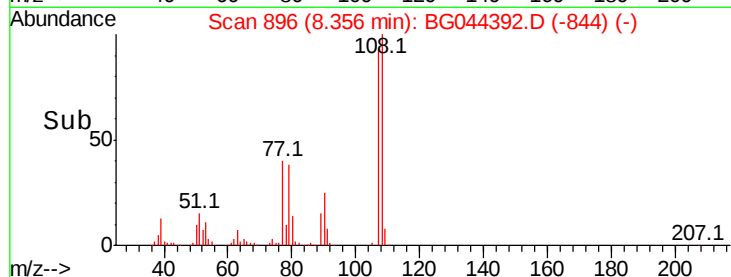
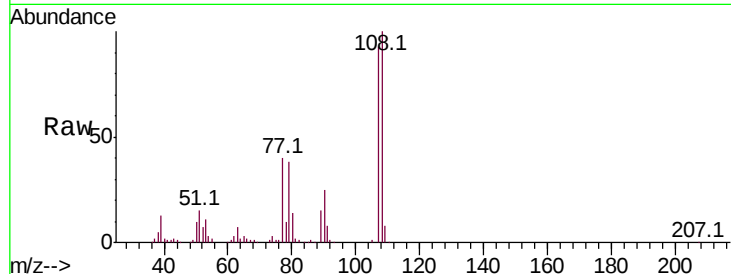
#17
2-Methylphenol
Concen: 43.044 ng
RT: 8.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	86.4	129.6	
77	42.7	34.0	51.0	
79	41.0	32.9	49.3	

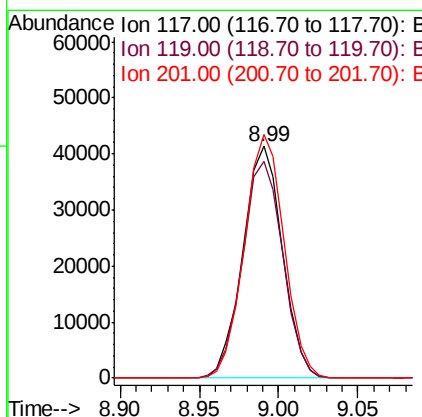
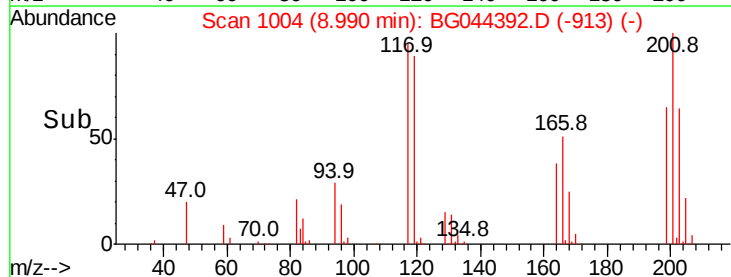
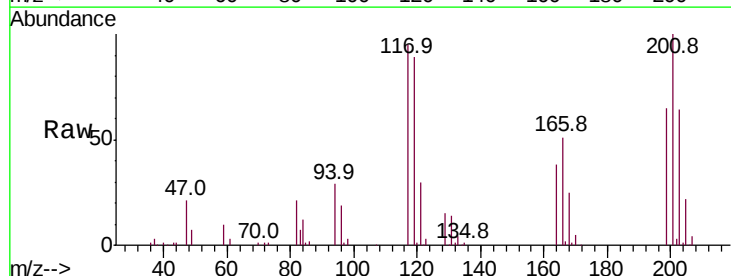
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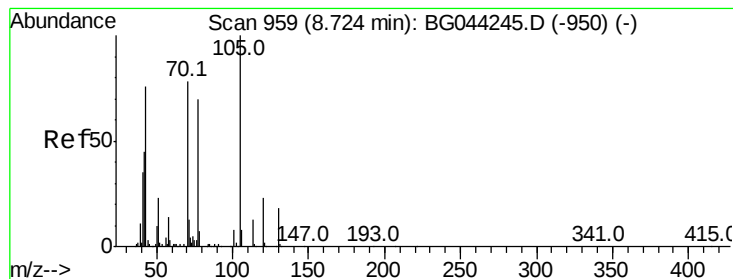
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#18
Hexachloroethane
Concen: 37.317 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	77.5	116.3	
201	105.0	84.9	127.3	





#19

n-Nitroso-di-n-propylamine

Concen: 38.693 ng

RT: 8.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

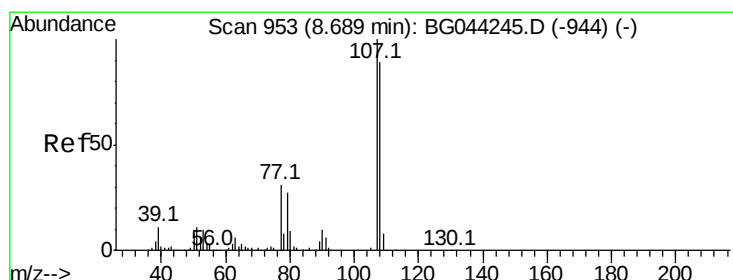
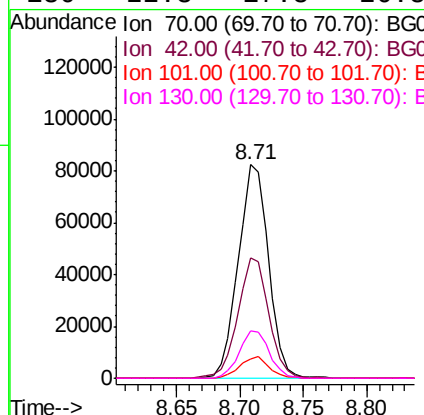
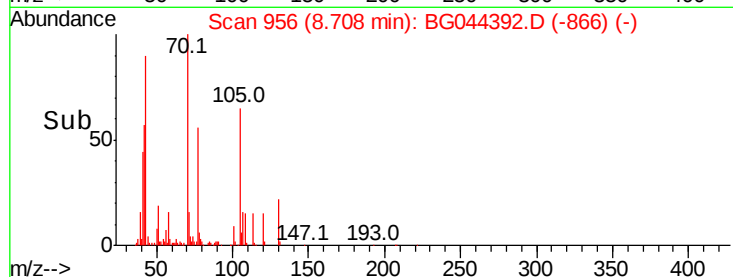
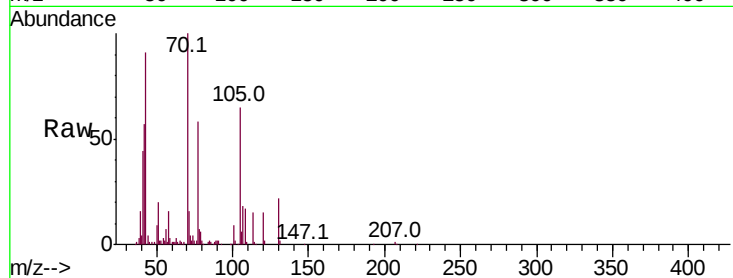
ClientSampleId :

PB126699BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.5	46.2	69.2	
101	9.2	8.4	12.6	
130	22.3	17.8	26.8	

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#20

3+4-Methylphenols

Concen: 43.013 ng

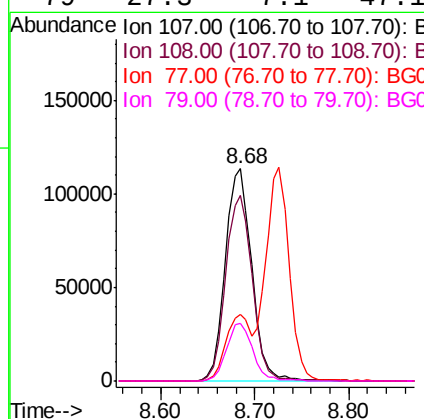
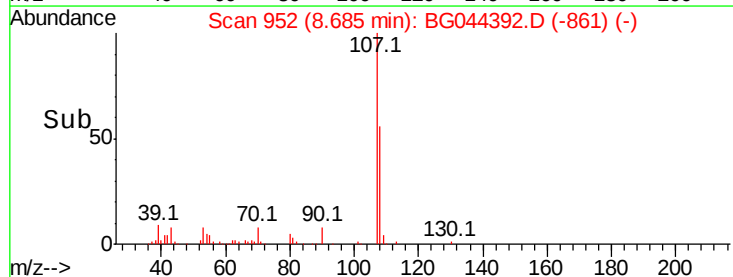
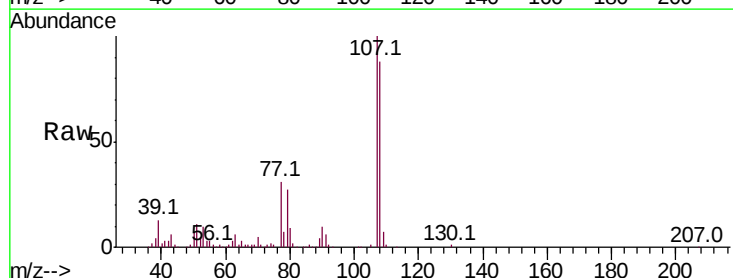
RT: 8.68 min Scan# 952

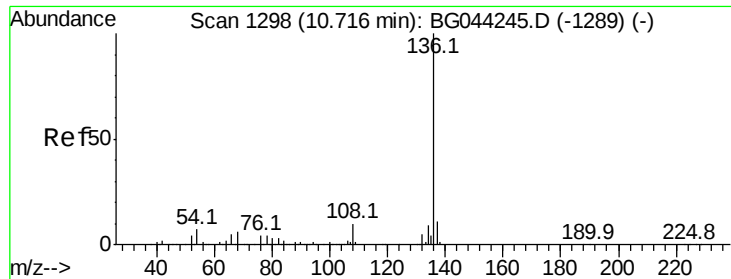
Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	68.5	108.5	
77	31.2	10.9	50.9	
79	27.3	7.1	47.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

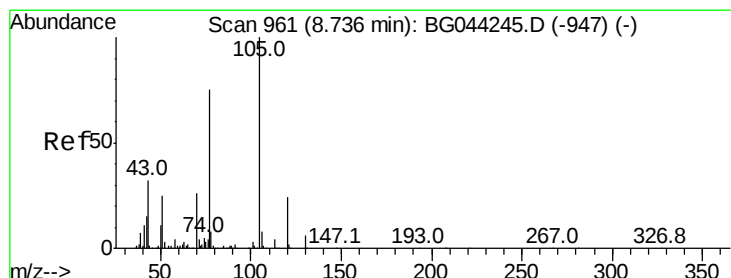
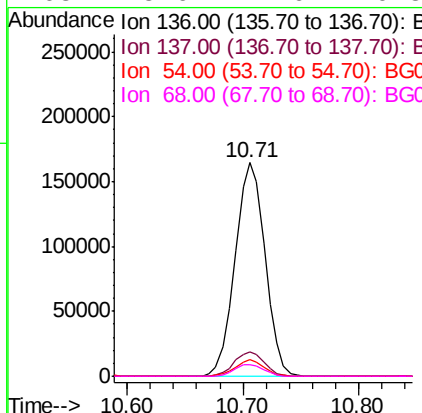
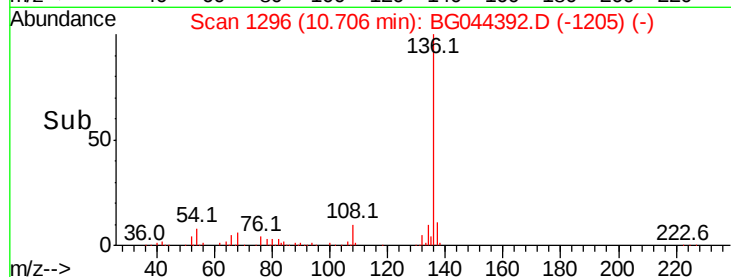
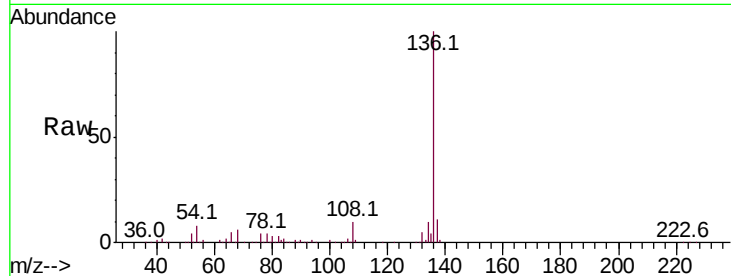
ClientSampleId :

PB126699BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	294772		
137	11.2	8.8	13.2	
54	7.5	5.8	8.8	
68	5.6	4.6	6.8	

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#22

Acetophenone

Concen: 36.808 ng

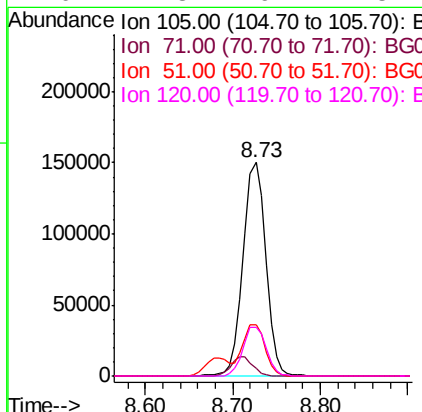
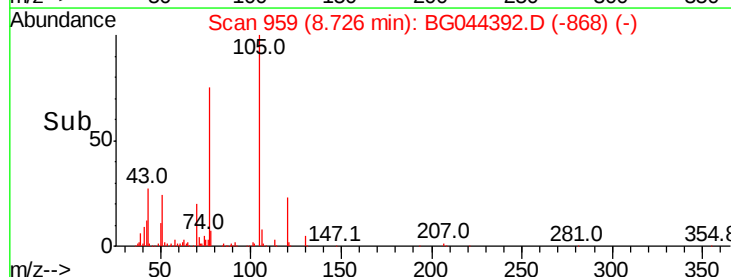
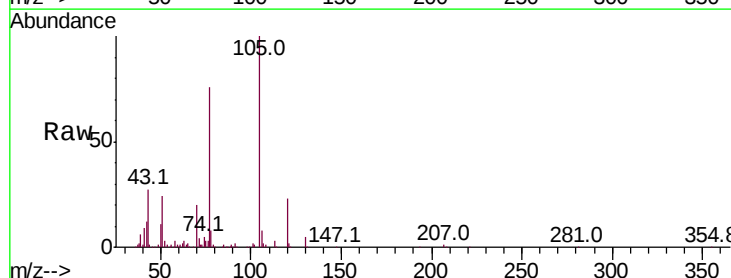
RT: 8.73 min Scan# 959

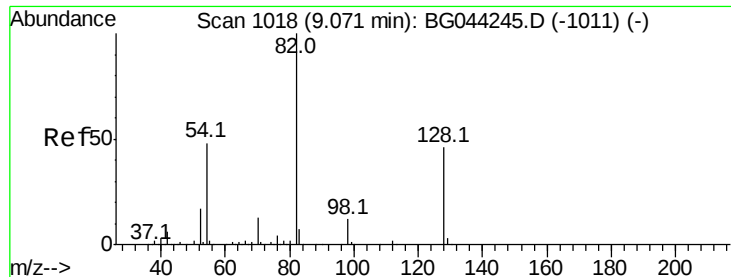
Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263943		
71	3.6	3.4	5.0	
51	24.1	20.2	30.4	
120	22.8	19.1	28.7	





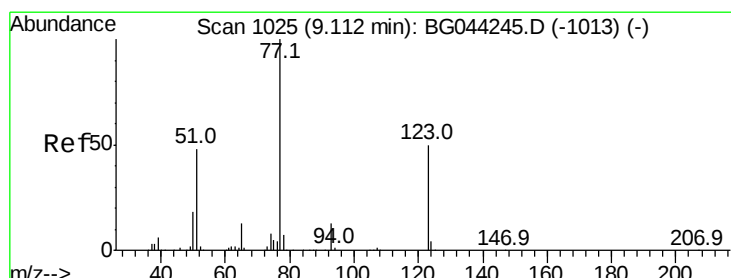
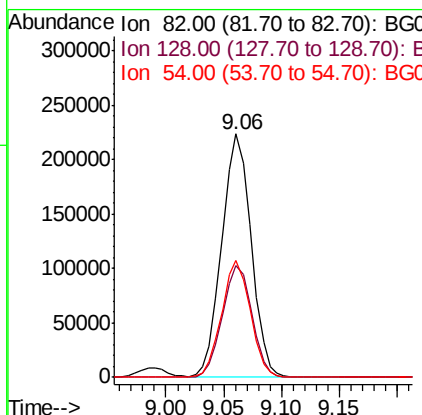
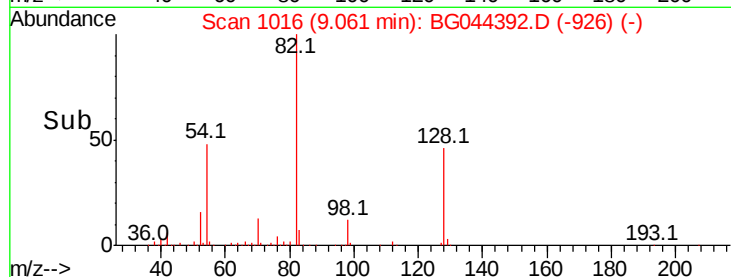
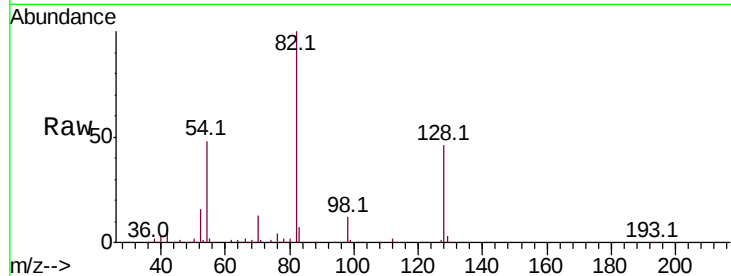
#23
Nitrobenzene-d5
Concen: 75.686 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	47.8	38.6	58.0

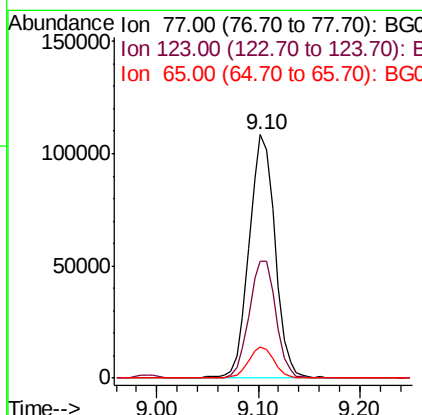
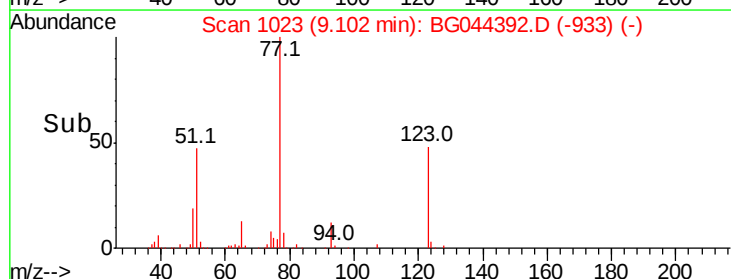
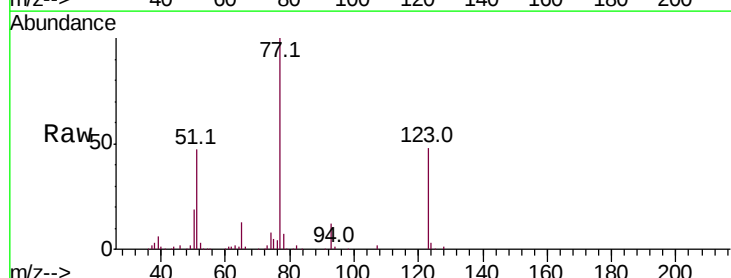
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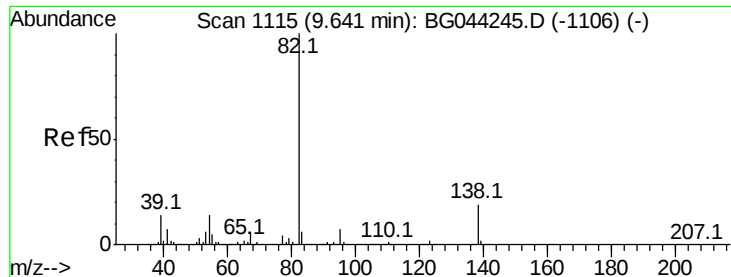
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#24
Nitrobenzene
Concen: 37.759 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	39.9	59.9
65	13.0	10.4	15.6





#25

Isophorone

Concen: 38.920 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

ClientSampleId :

PB126699BS

Tot Ion: 82 Resp: 378755

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

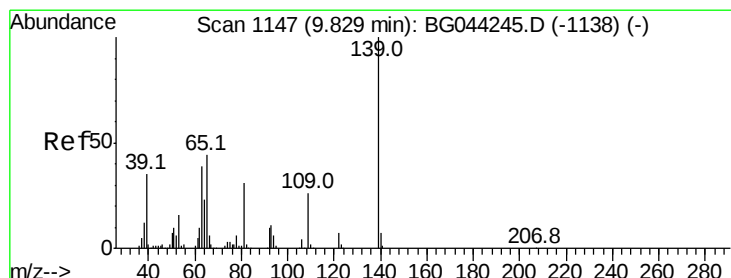
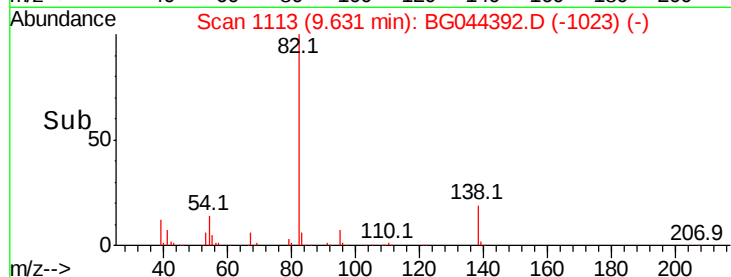
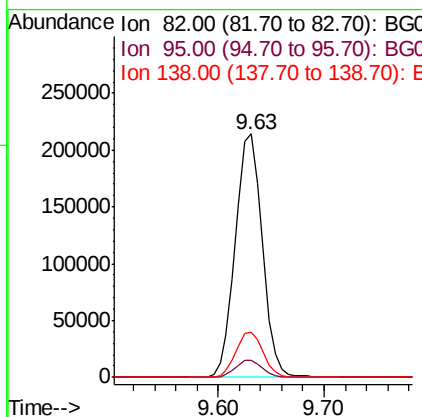
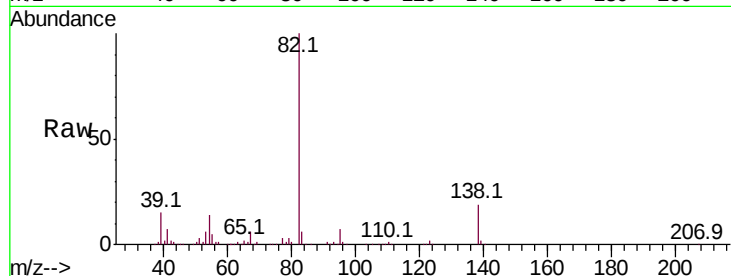
138 18.7 15.0 22.4

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#26

2-Nitrophenol

Concen: 39.984 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

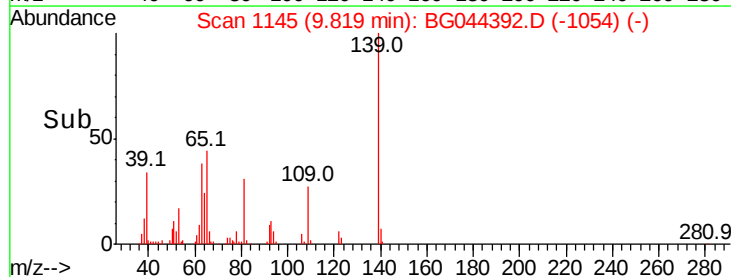
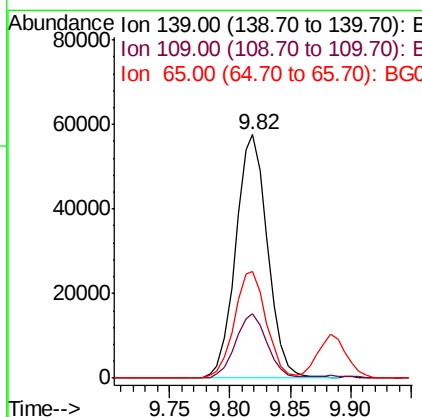
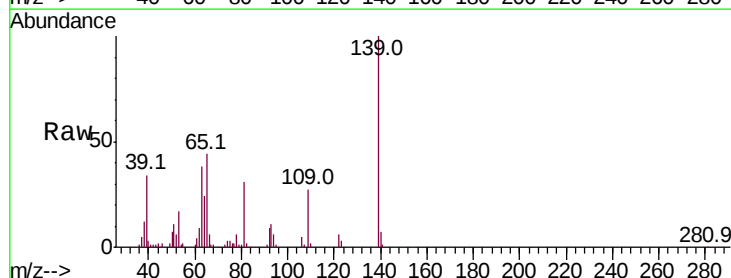
Tgt Ion: 139 Resp: 105753

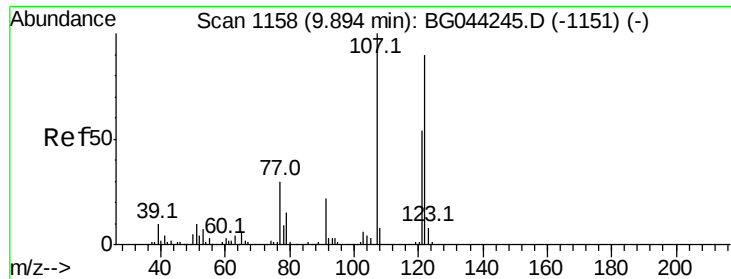
Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.4

65 43.7 35.0 52.4





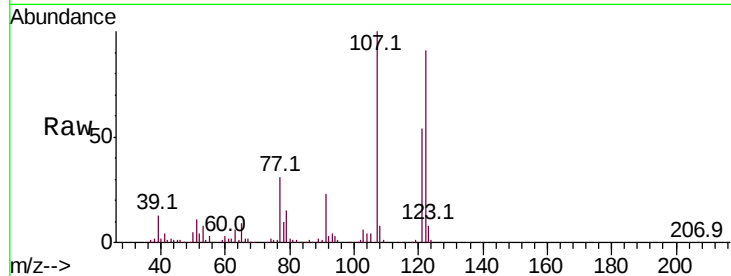
#27
2,4-Dimethylphenol
Concen: 48.076 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	179492		
107	110.2	88.8	133.2	
121	59.0	48.3	72.5	

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Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

150000

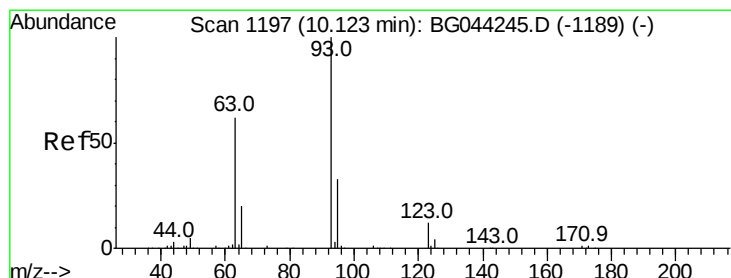
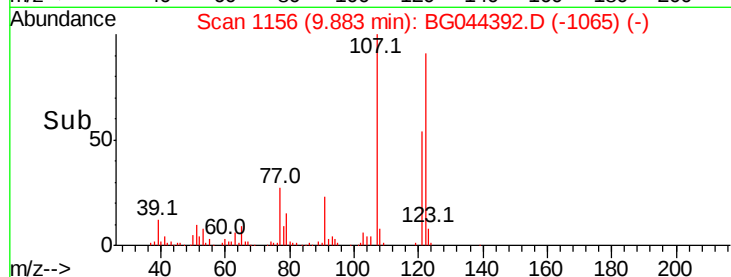
100000

50000

0

9.80 9.90 10.00

Time-->



#28
bis(2-Chloroethoxy)methane
Concen: 37.296 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	242123		
95	32.6	26.6	40.0	
123	12.1	10.0	15.0	

Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

200000

150000

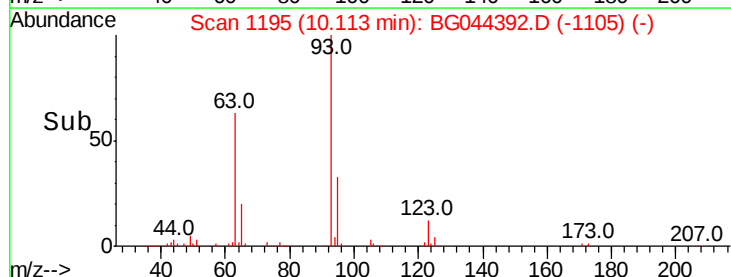
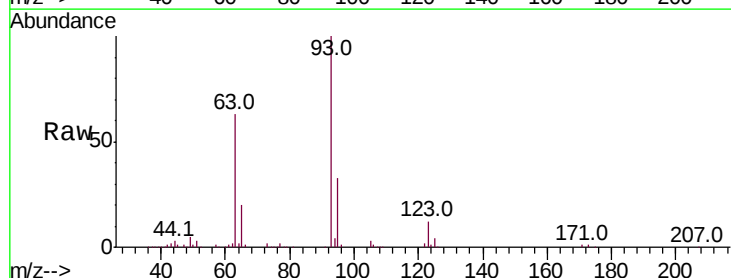
100000

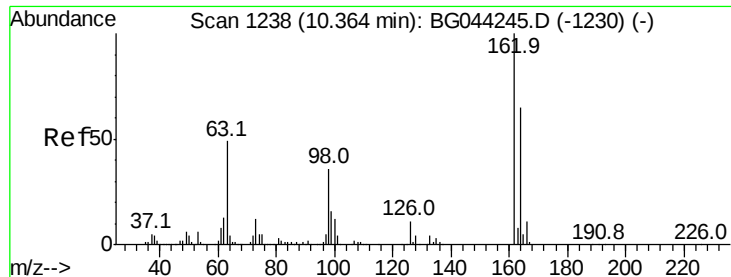
50000

0

10.10 10.20

Time-->





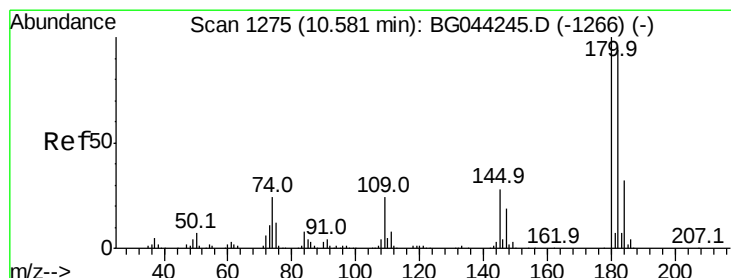
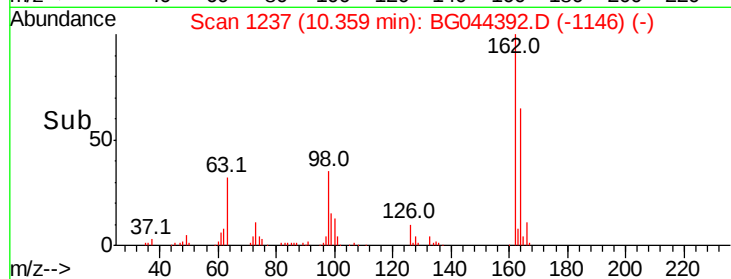
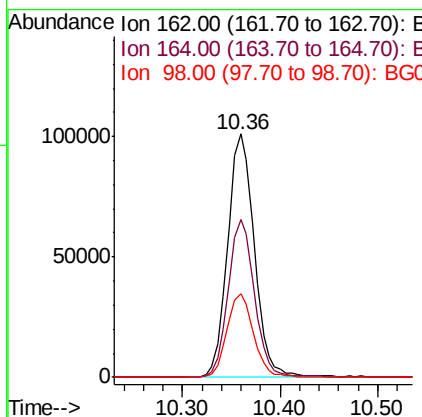
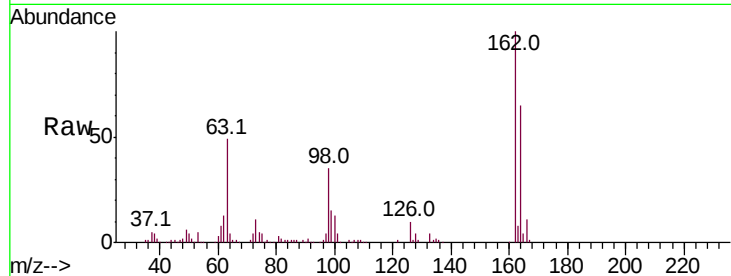
#29
 2,4-Dichlorophenol
 Concen: 42.589 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	192267		
164	65.1	44.7	84.7	
98	34.6	15.8	55.8	

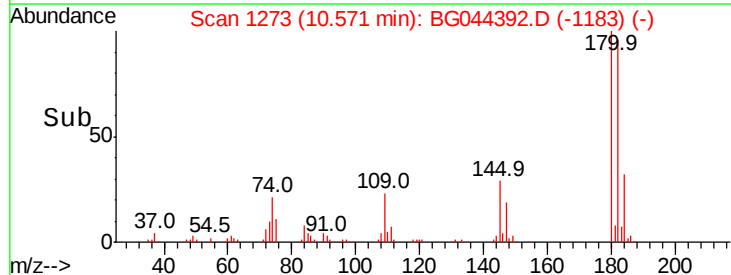
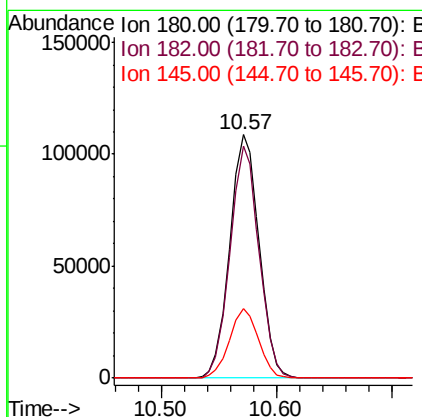
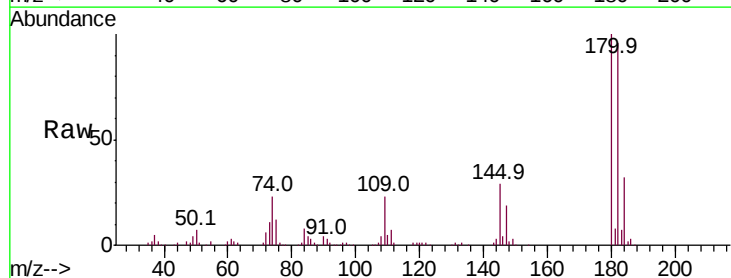
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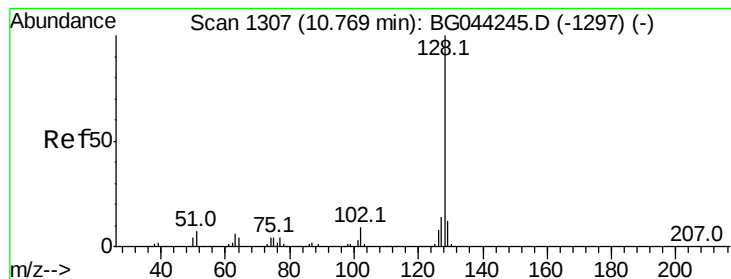
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.844 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190725		
182	95.6	75.5	113.3	
145	28.7	22.6	34.0	





#31

Naphthalene

Concen: 39.042 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

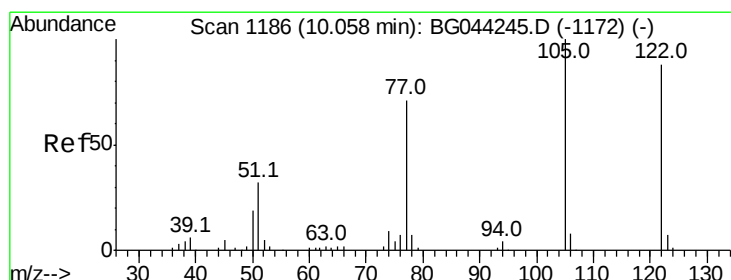
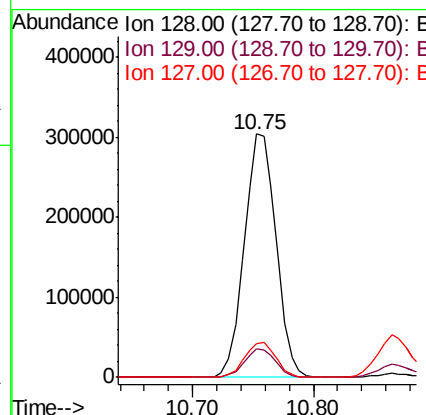
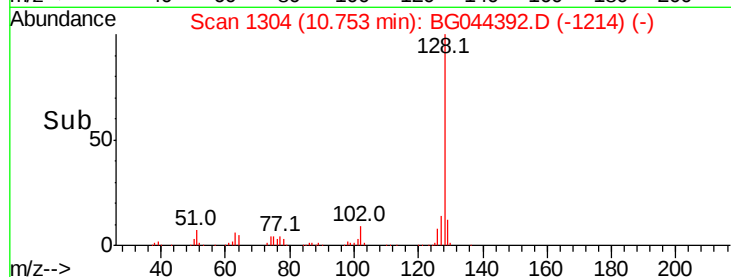
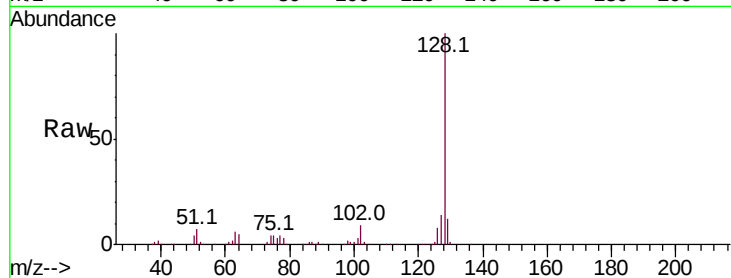
ClientSampleId :

PB126699BS

Tot Ion:128	Resp:	558360
Ion Ratio	Lower	Upper
128	100	
129	11.8	9.3 13.9
127	13.6	11.6 17.4

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#32

Benzoic acid

Concen: 41.959 ng

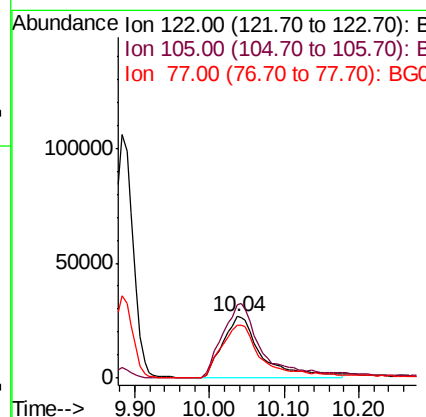
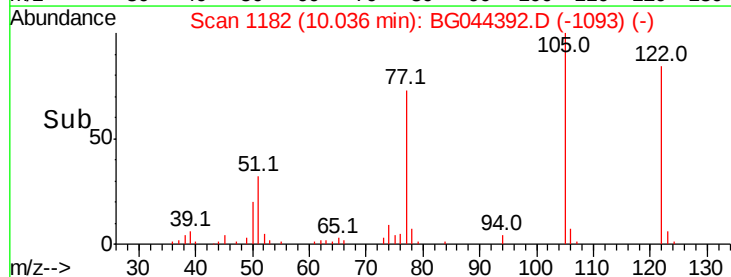
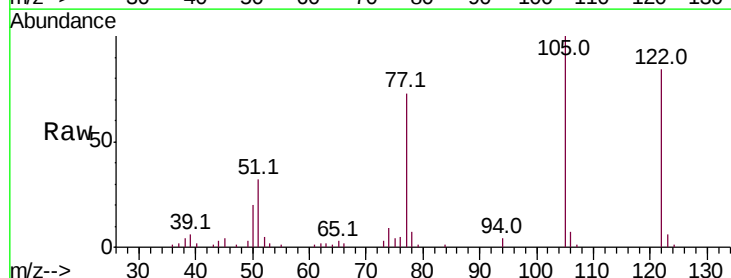
RT: 10.04 min Scan# 1182

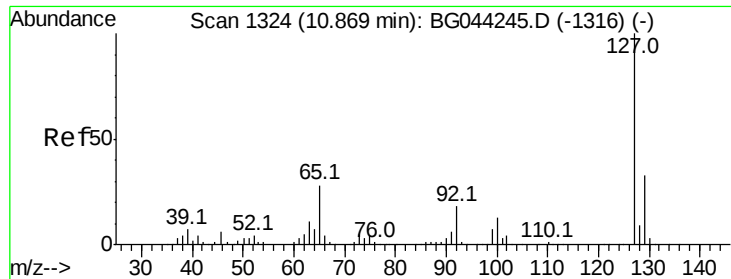
Delta R.T. -0.01 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion:122	Resp:	96962
Ion Ratio	Lower	Upper
122	100	
105	118.7	93.5 133.5
77	86.6	61.0 101.0





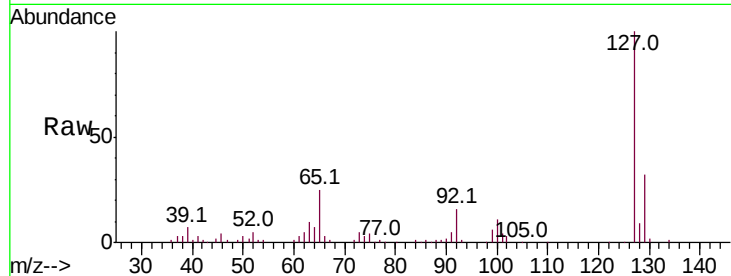
#33
4-Chloroaniline
Concen: 16.055 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.6	40.0		
65	24.9	22.5	33.7		
92	16.3	14.1	21.1		

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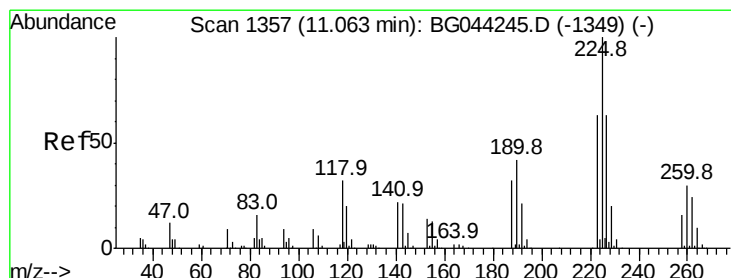
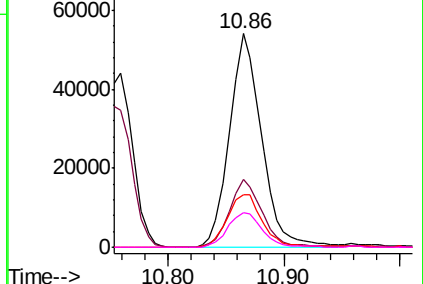
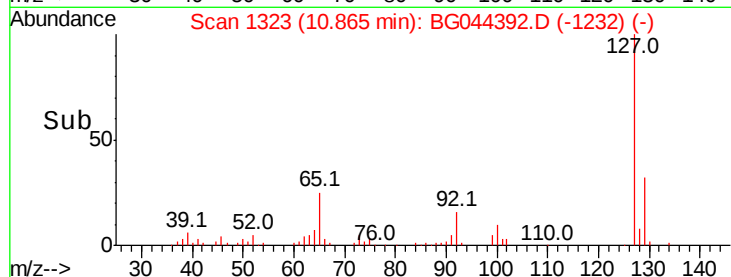
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

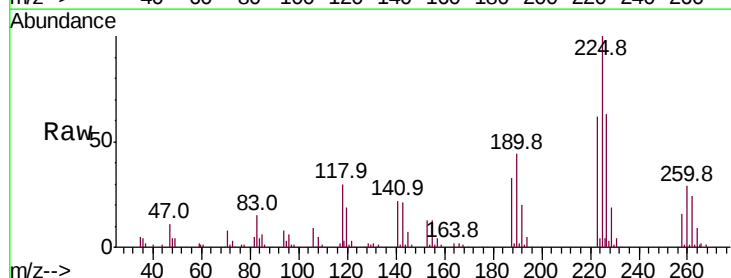
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 34.518 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.2	75.4		
227	63.4	50.8	76.2		

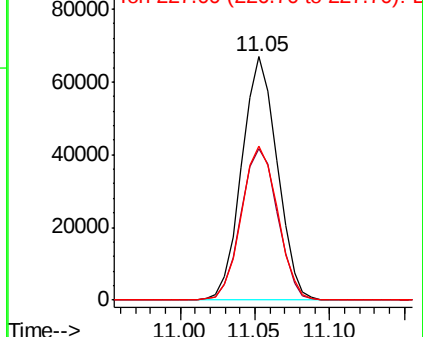
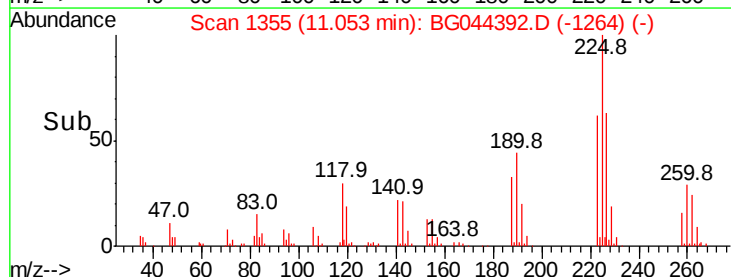


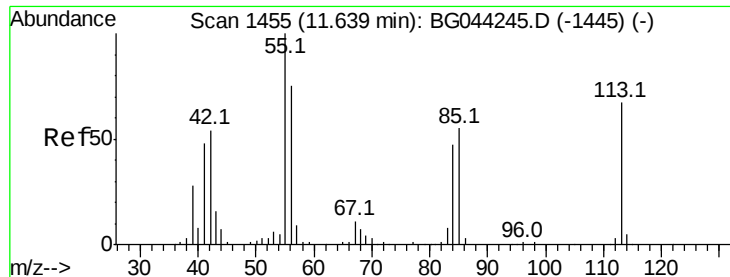
Abundance

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





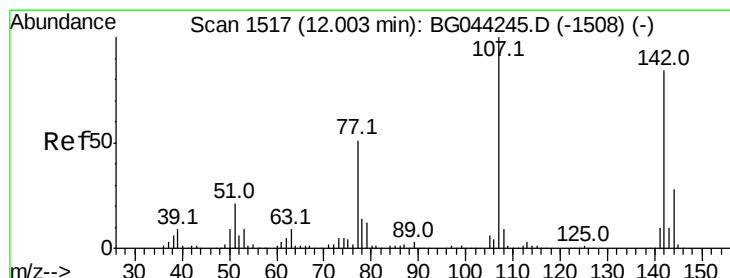
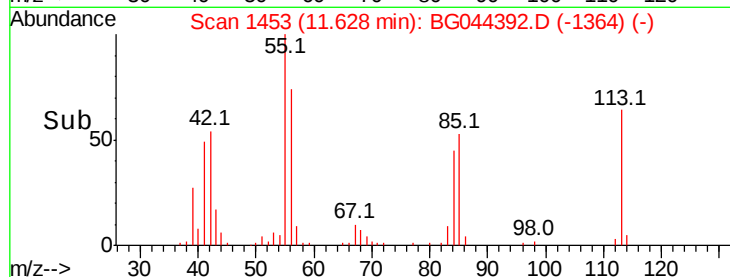
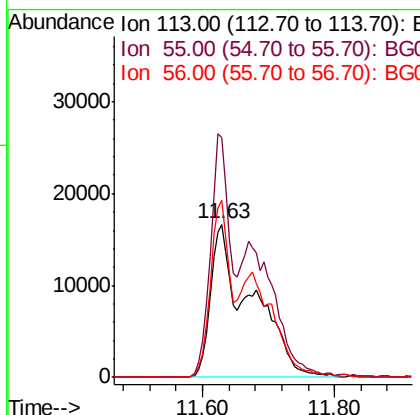
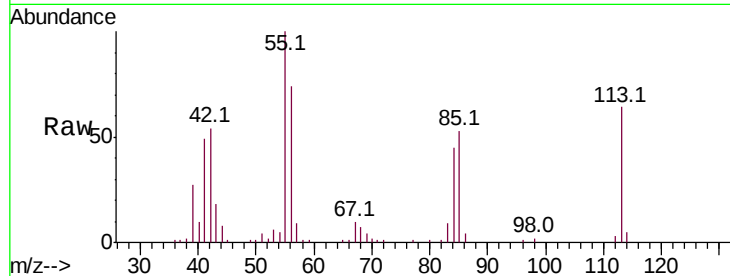
#35
 Caprolactam
 Concen: 43.189 ng/ml
 RT: 11.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Instrument :
 BNA_G
 ClientSampleID :
 PB126699BS

Tot Ion:113 Resp: 71424
 Ion Ratio Lower Upper
 113 100
 55 156.6 129.9 169.9
 56 115.3 92.5 132.5

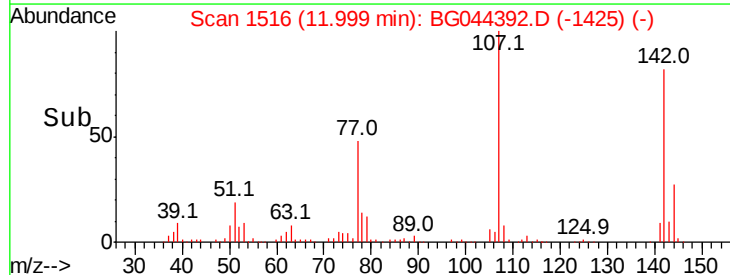
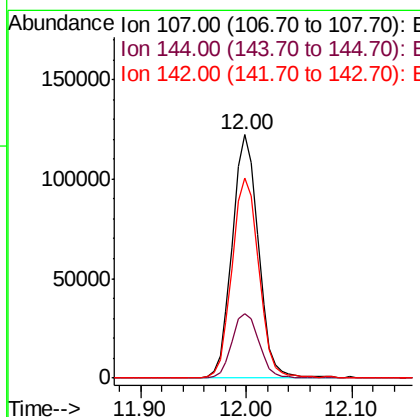
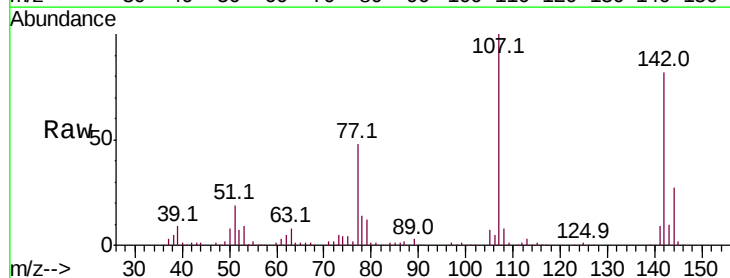
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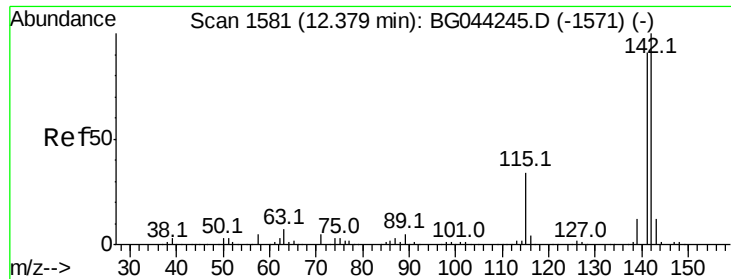
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#36
 4-Chloro-3-methylphenol
 Concen: 44.348 ng/ml
 RT: 12.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Tgt Ion:107 Resp: 209909
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.2 33.4
 142 82.1 67.4 101.0





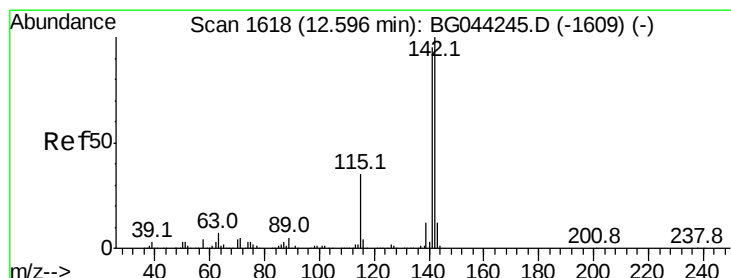
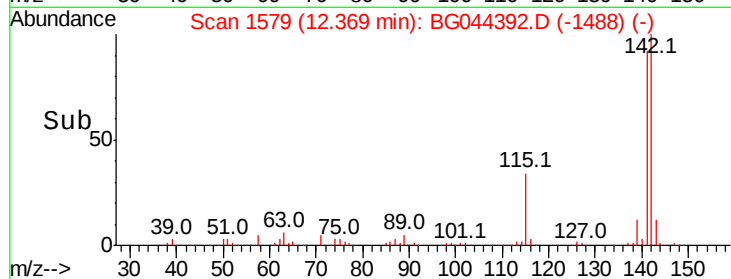
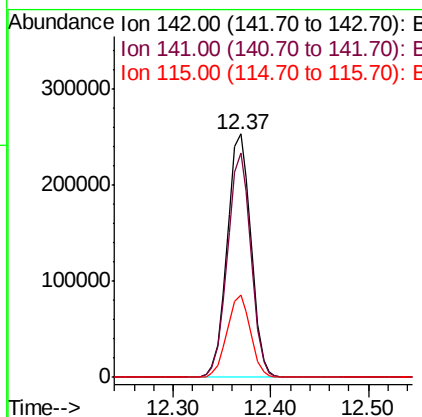
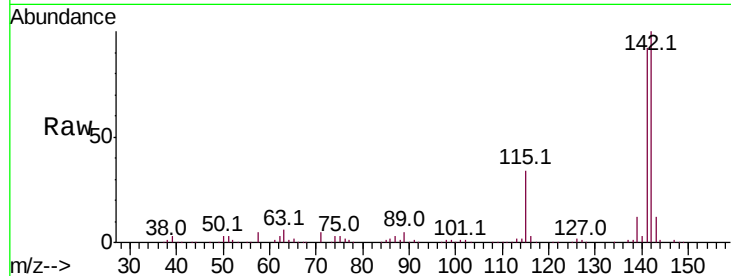
#37
2-Methylnaphthalene
Concen: 40.241 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.2	109.8
115	33.8	27.1	40.7

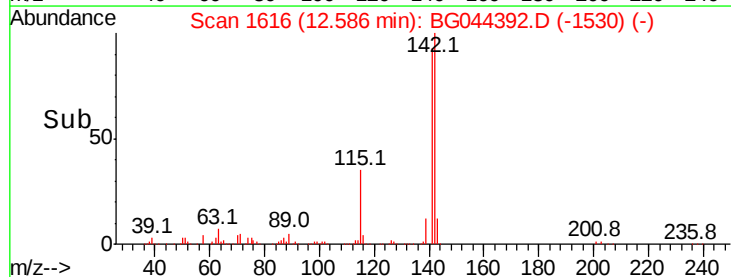
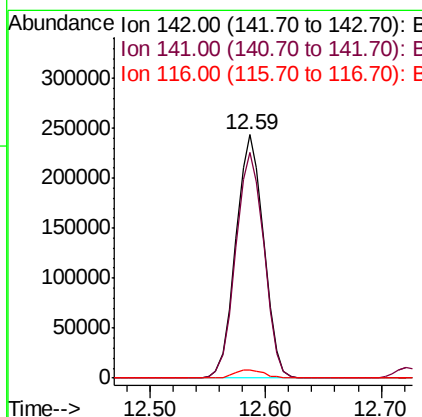
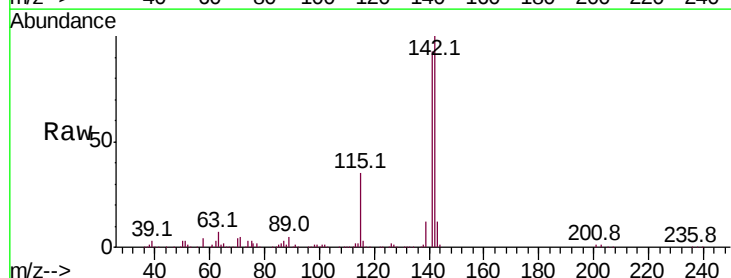
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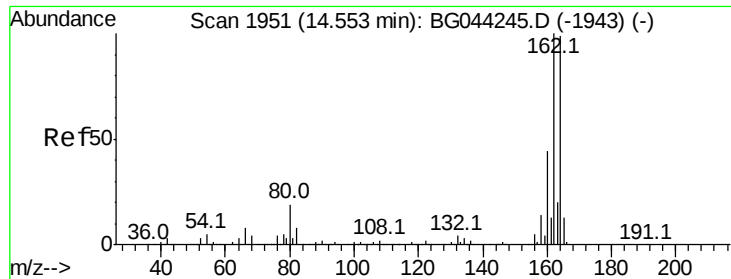
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#38
1-Methylnaphthalene
Concen: 40.603 ng
RT: 12.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.8	113.6
116	3.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

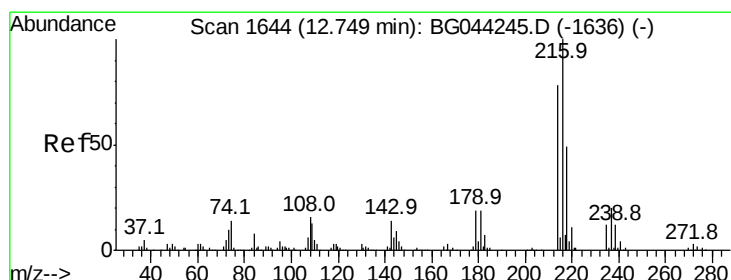
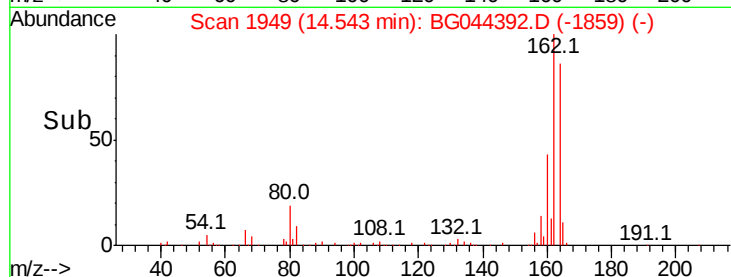
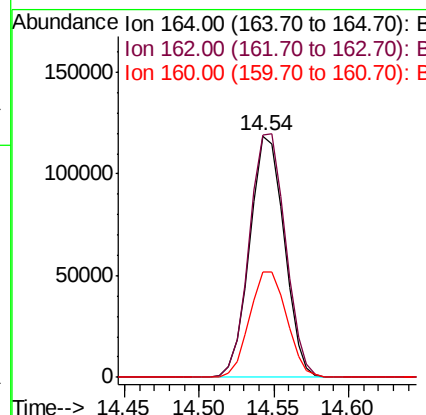
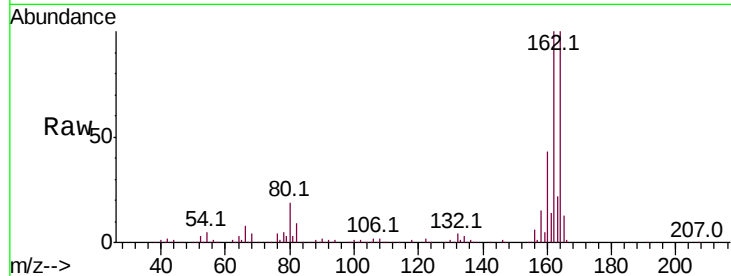
ClientSampleId :

PB126699BS

Tot Ion:	164	Resp:	189813
Ion Ratio	Lower	Upper	
164	100		
162	100.0	80.7	121.1
160	43.5	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.713 ng

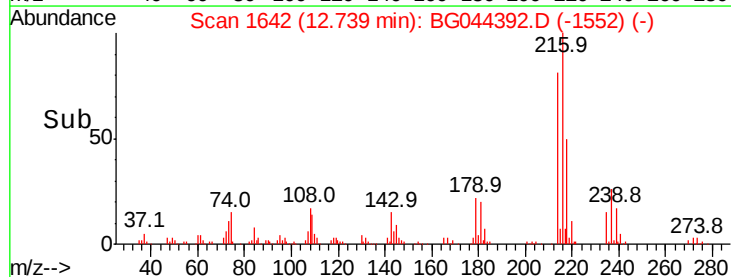
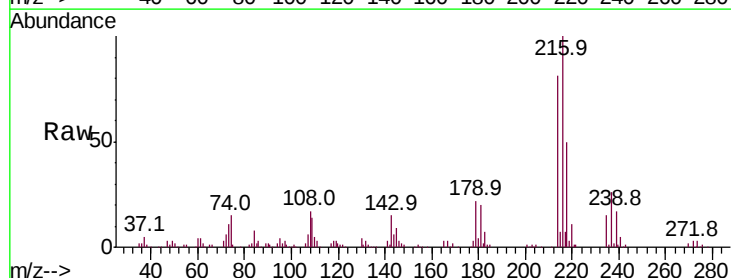
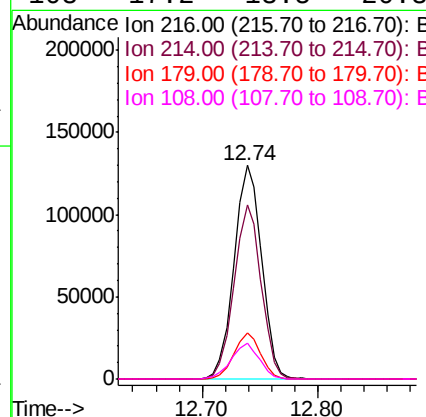
RT: 12.74 min Scan# 1642

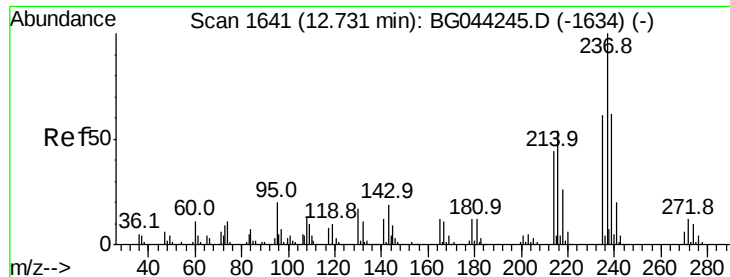
Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion:	216	Resp:	214129
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.0	94.6
179	20.8	16.2	24.4
108	17.2	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 49.816 ng

RT: 12.73 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

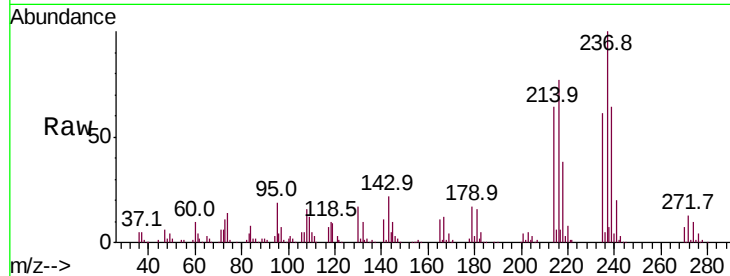
ClientSampleId :

PB126699BS

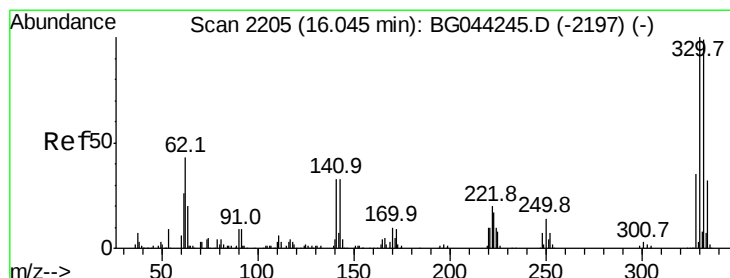
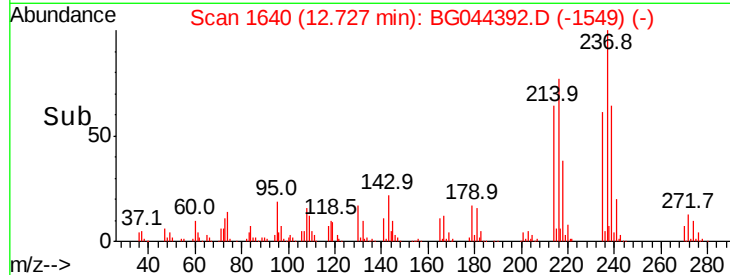
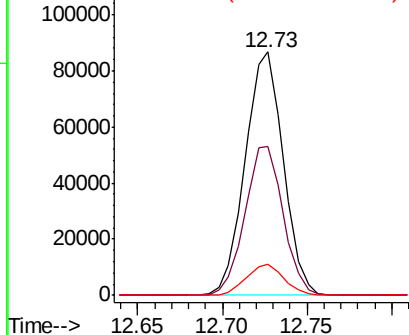
Tot Ion:	237	Resp:	135721
Ion Ratio	Lower	Upper	
237	100		
235	61.0	41.2	81.2
272	12.6	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 136.460 ng

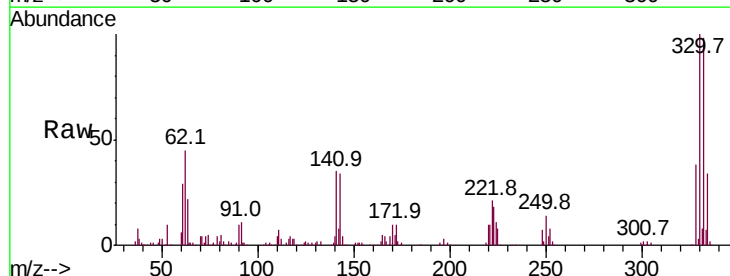
RT: 16.04 min Scan# 2203

Delta R.T. 0.00 min

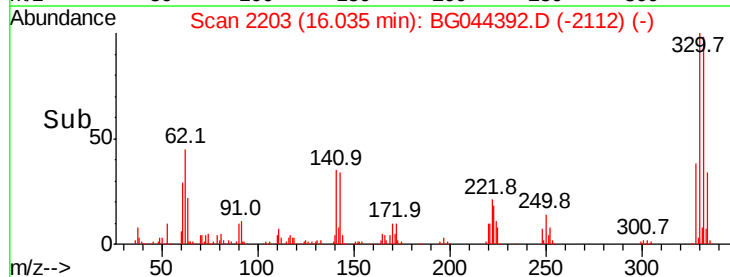
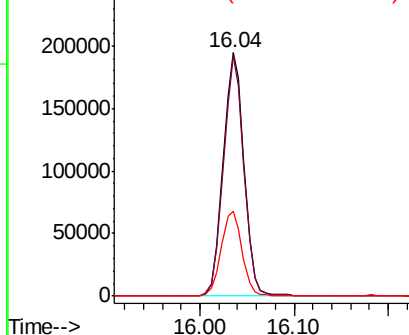
Lab File: BG044392.D

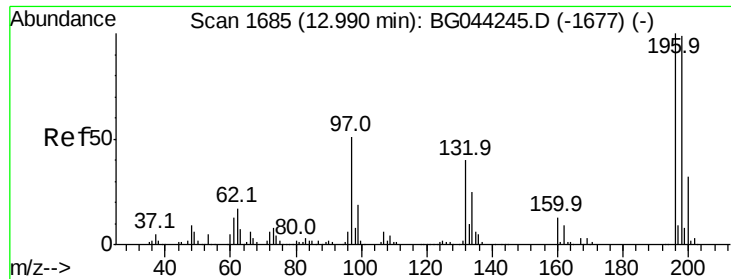
Acq: 11 Feb 2020 17:15

Tgt Ion:	330	Resp:	304073
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	35.2	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





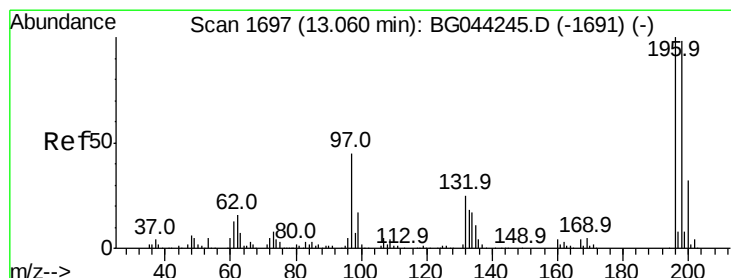
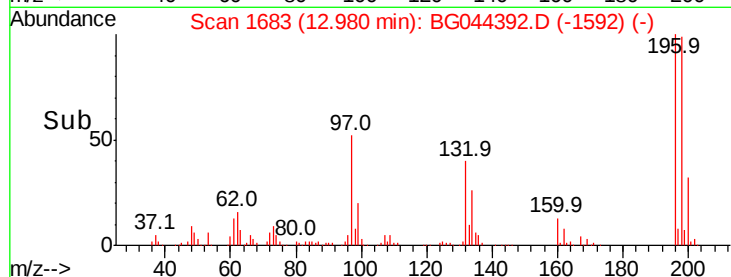
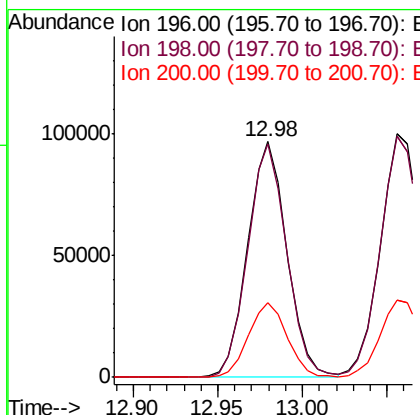
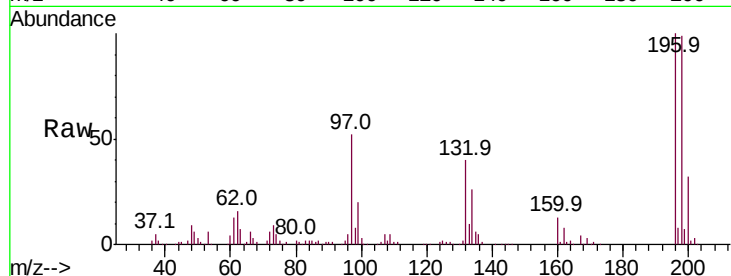
#43
 2,4,6-Trichlorophenol
 Concen: 42.556 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	156185		
198	99.1	79.3	118.9	
200	31.7	25.7	38.5	

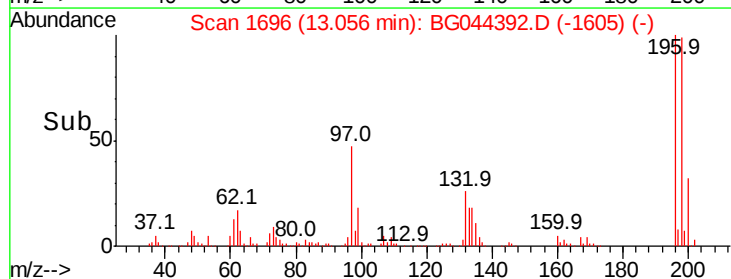
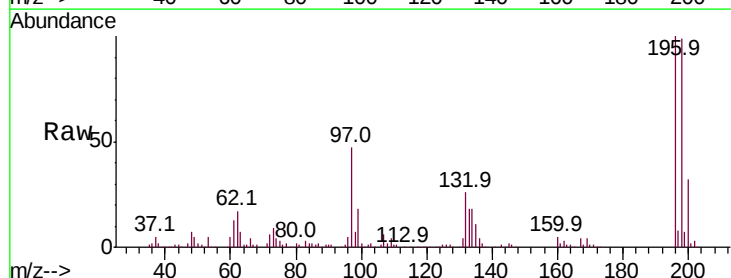
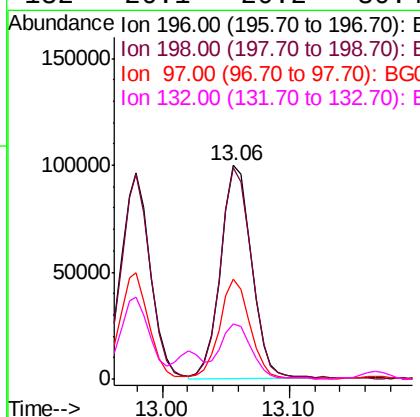
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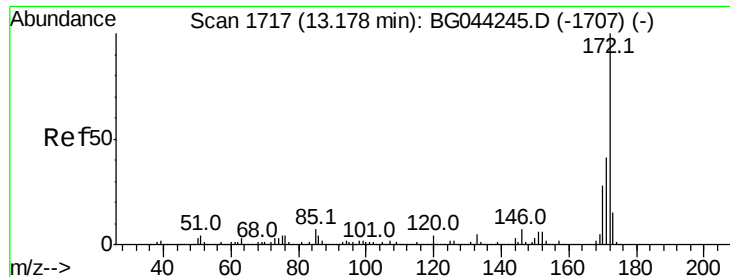
mohammad
 2/13/2020 3:32:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.211 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169477		
198	98.8	78.2	117.2	
97	46.6	36.2	54.4	
132	26.1	20.2	30.4	





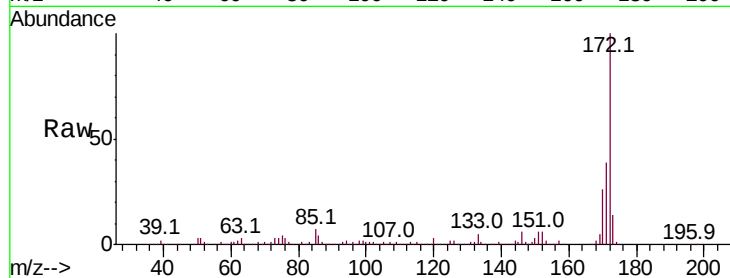
#45
2-Fluorobiphenyl
Concen: 83.611 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.9	49.3
170	26.4	22.0	33.0

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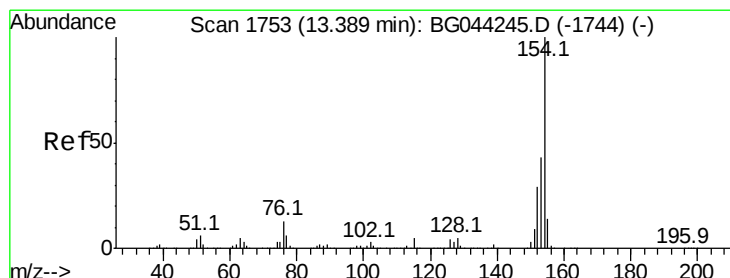
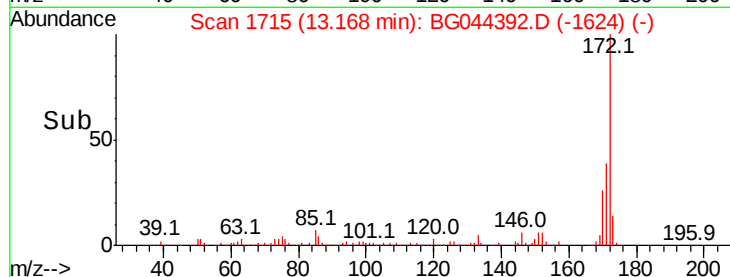
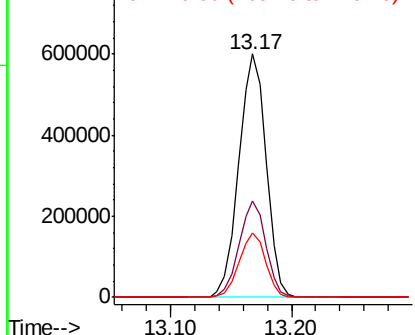


Abundance

Ion 172.00 (171.70 to 172.70): E

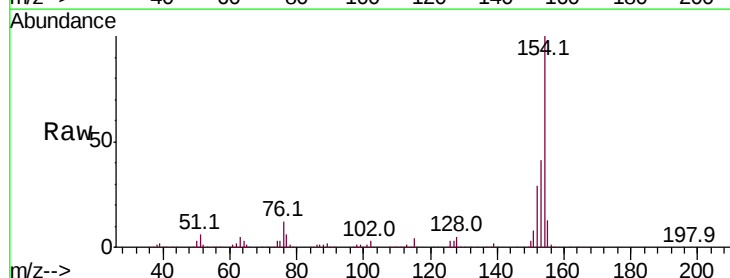
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.643 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.7	62.7
76	12.4	0.0	32.9

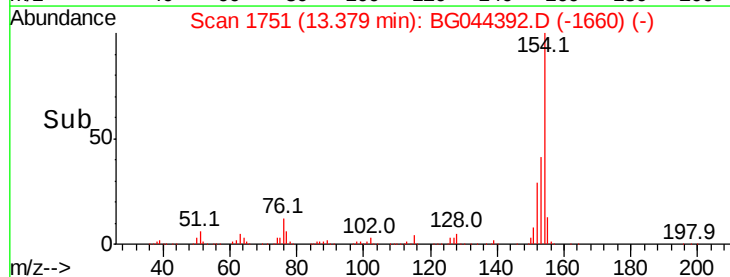
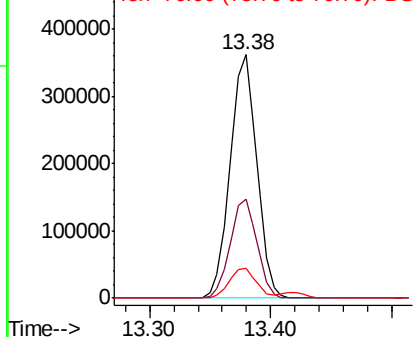


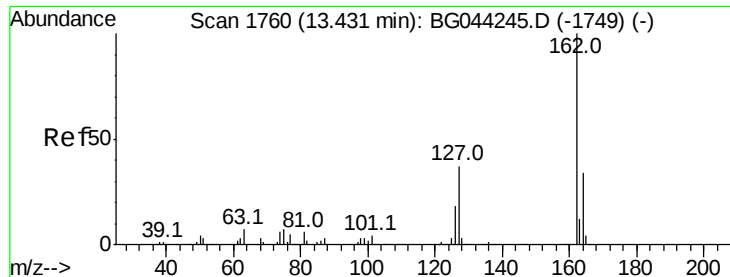
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





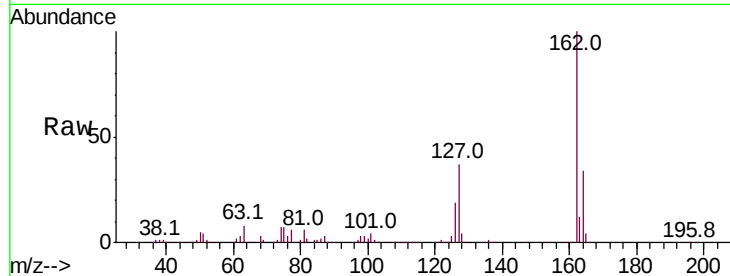
#47
2-Chloronaphthalene
Concen: 39.522 ng
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.0	45.0
164	34.1	27.2	40.8

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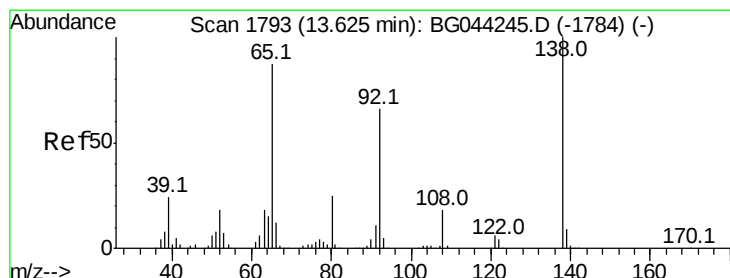
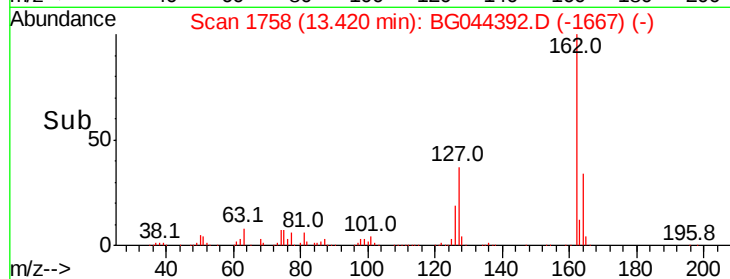
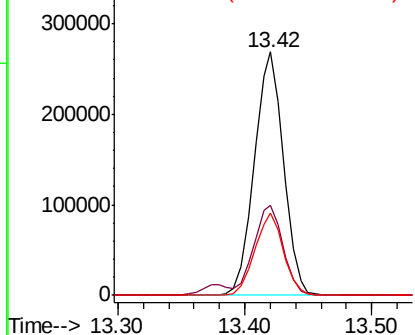


Abundance

Ion 162.00 (161.70 to 162.70): E

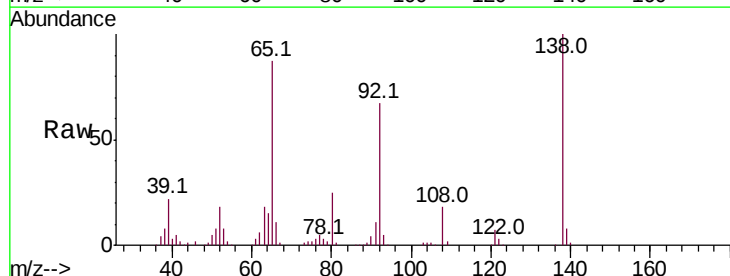
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.013 ng
RT: 13.62 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.1	60.3	90.5
138	115.5	91.9	137.9

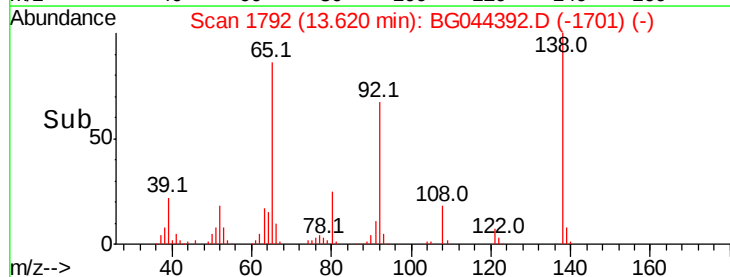
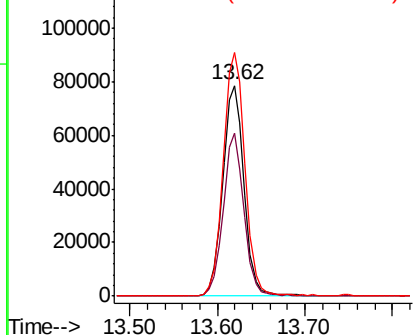


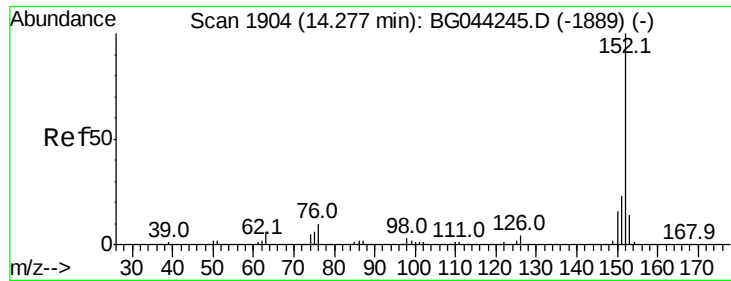
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.991 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

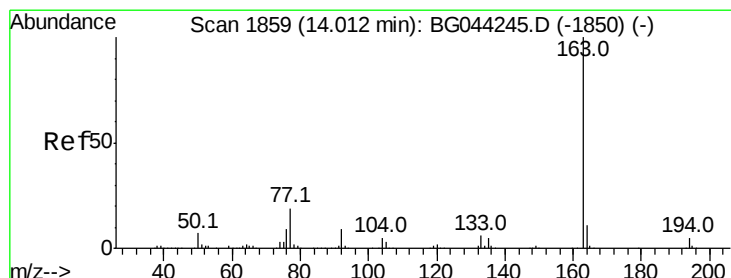
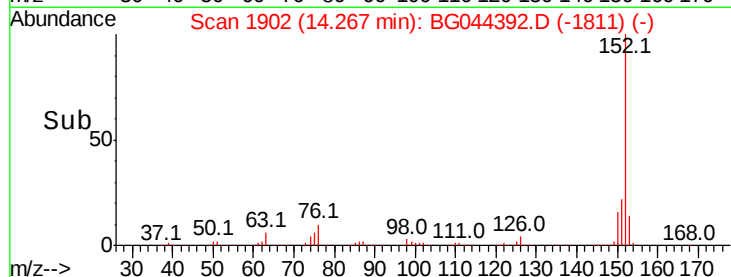
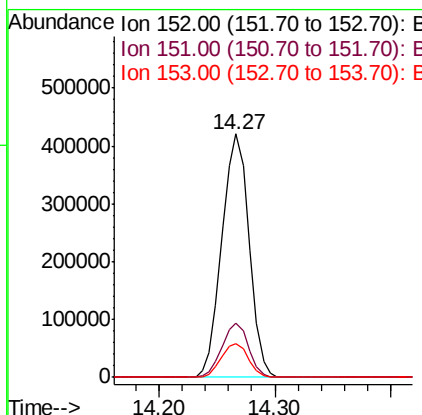
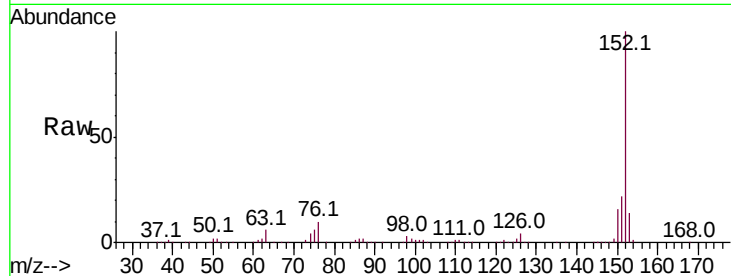
ClientSampleId :

PB126699BS

Tot Ion:	152	Resp:	687000
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.1	27.1
153	13.8	11.5	17.3

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#50

Dimethylphthalate

Concen: 43.065 ng

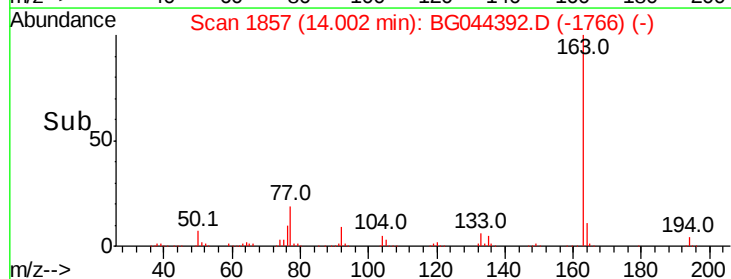
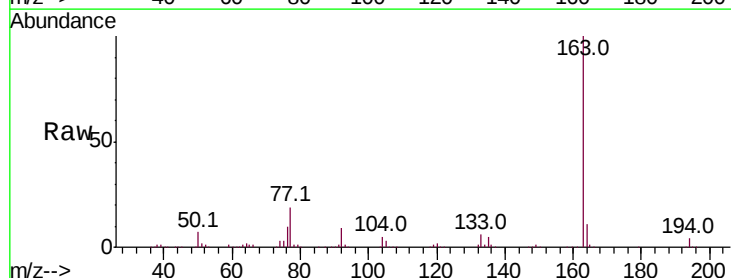
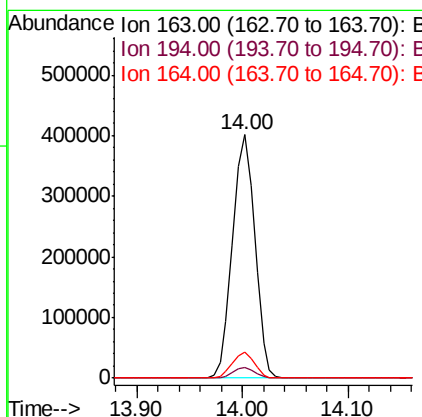
RT: 14.00 min Scan# 1857

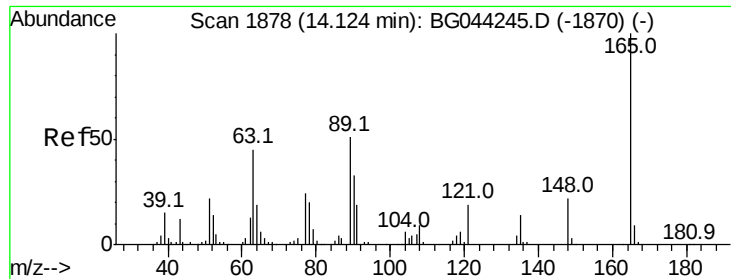
Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion:	163	Resp:	587586
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.6	8.7	13.1





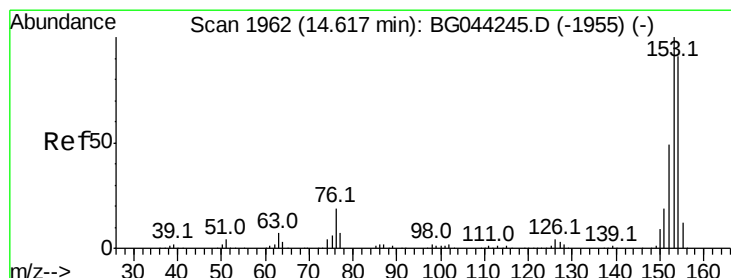
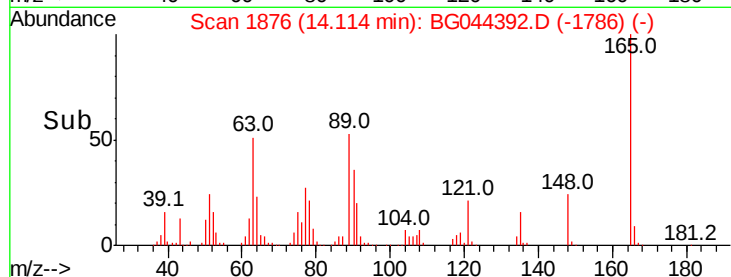
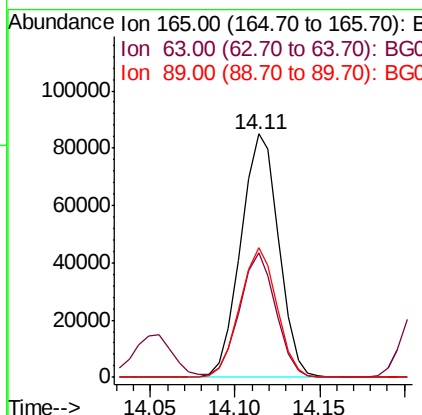
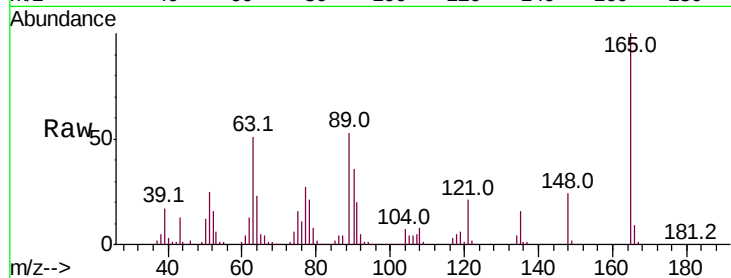
#51
2,6-Dinitrotoluene
Concen: 43.599 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampled :
PB126699BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.1	38.7	58.1
89	53.4	40.4	60.6

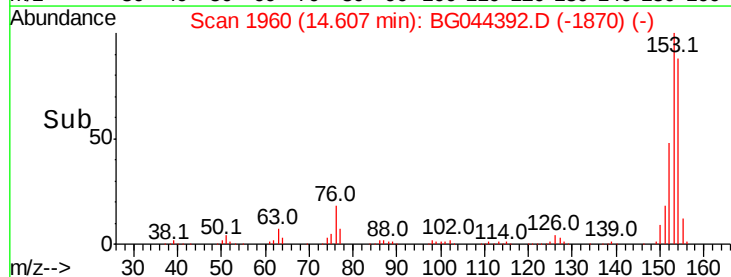
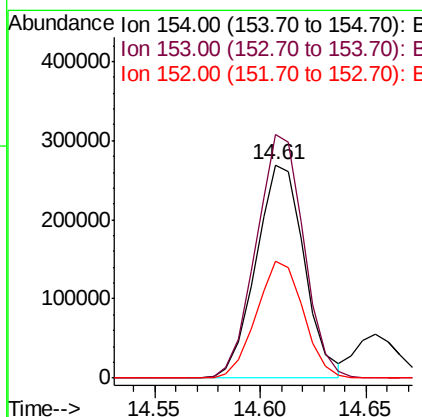
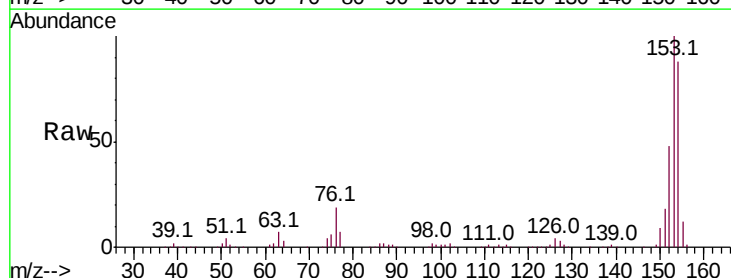
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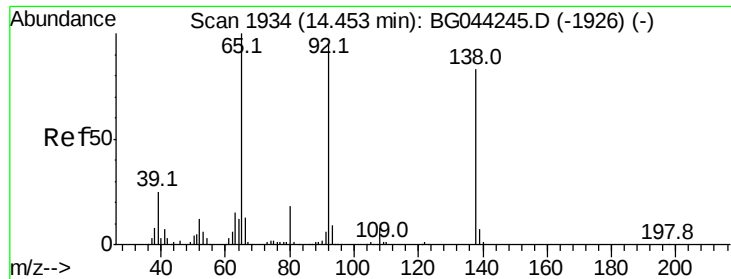
mohammad
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#52
Acenaphthene
Concen: 41.404 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	87.9	131.9
152	54.6	43.1	64.7





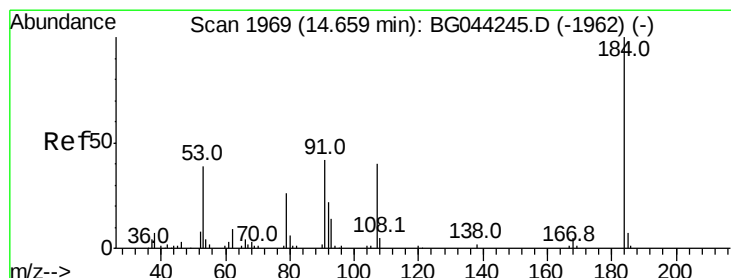
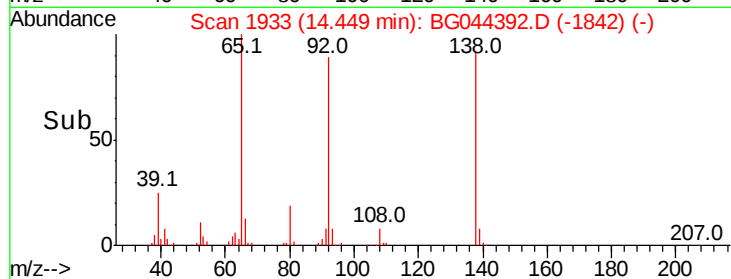
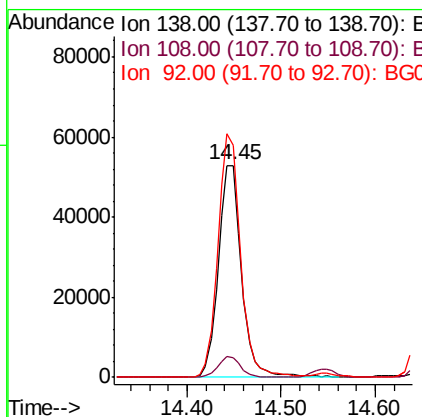
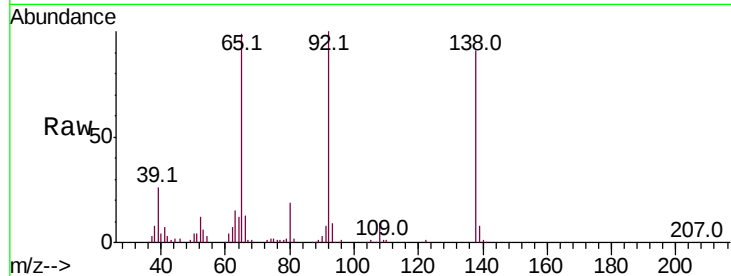
#53
3-Nitroaniline
Concen: 27.019 ng
RT: 14.45 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion:138 Resp: 90941
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 109.5 91.0 136.4

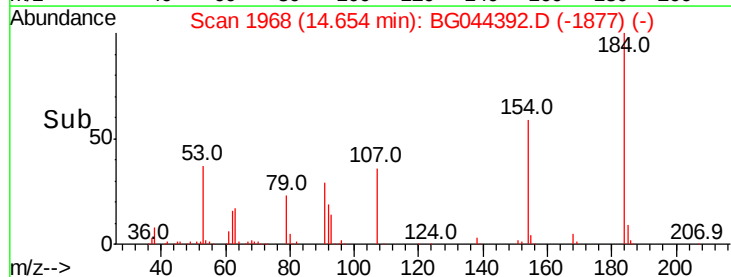
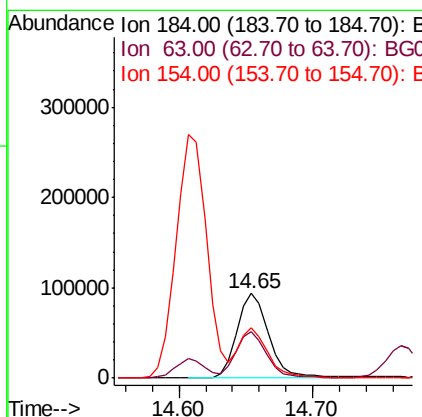
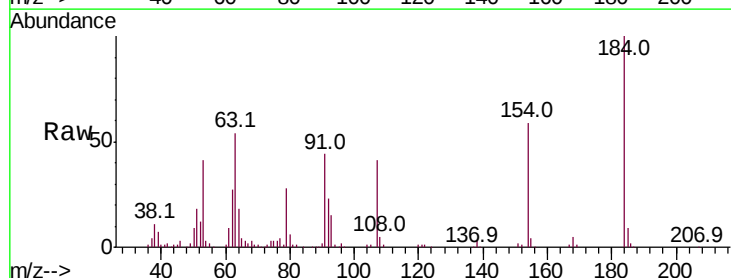
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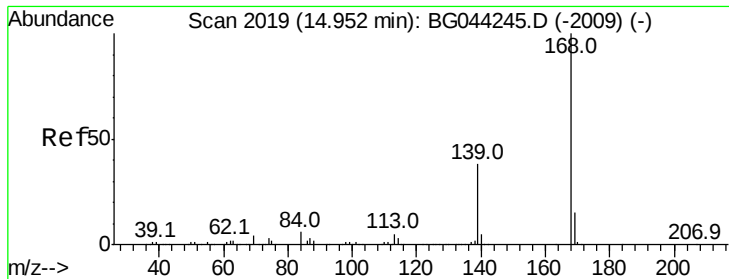
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#54
2,4-Dinitrophenol
Concen: 85.057 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion:184 Resp: 154288
Ion Ratio Lower Upper
184 100
63 54.5 44.1 66.1
154 58.9 45.4 68.0





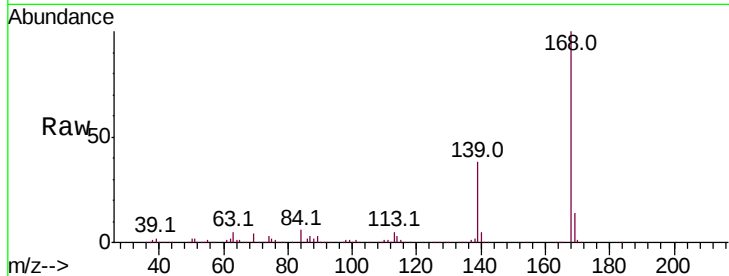
#55
Dibenzenofuran
Concen: 43.627 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.5	45.7
169	14.2	11.7	17.5

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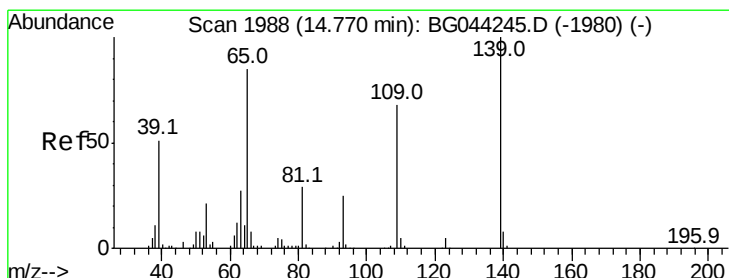
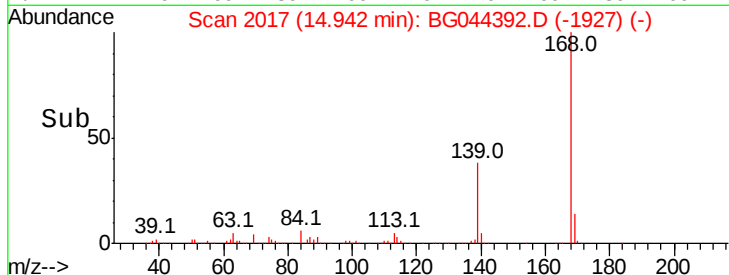
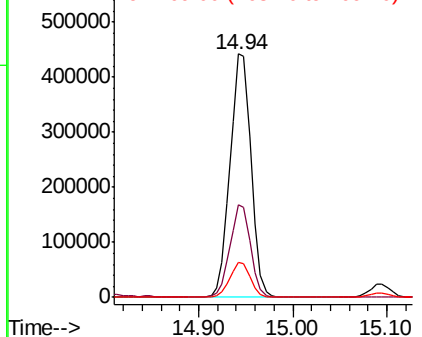


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 96.380 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

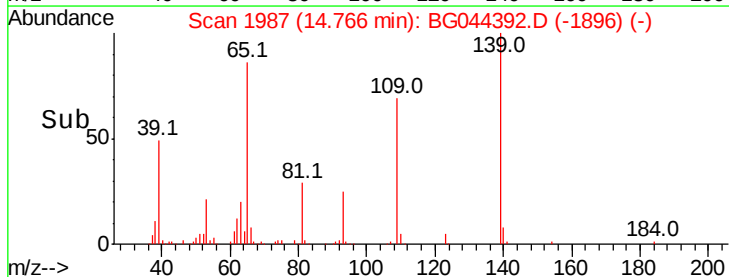
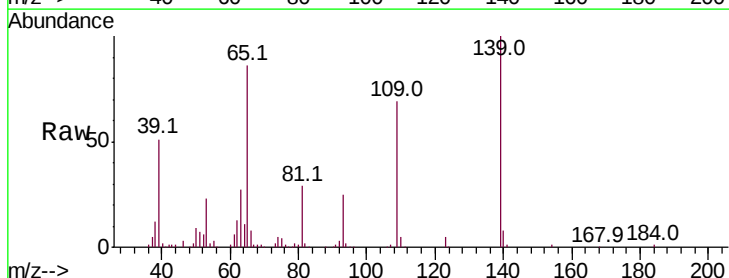
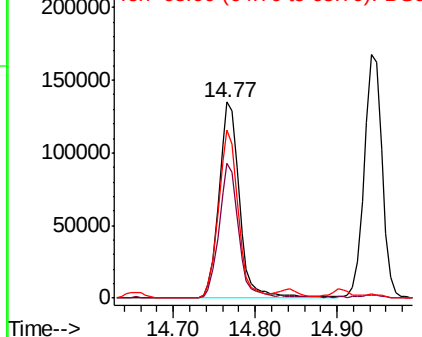
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	47.5	87.5
65	85.9	64.9	104.9

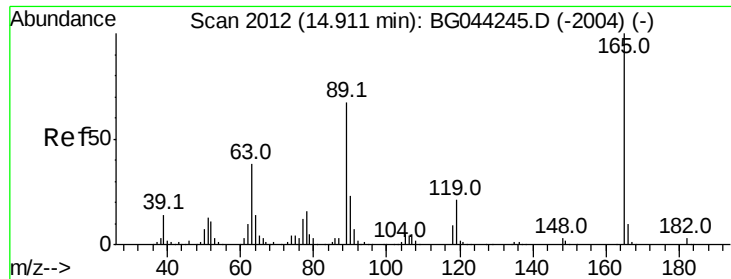
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





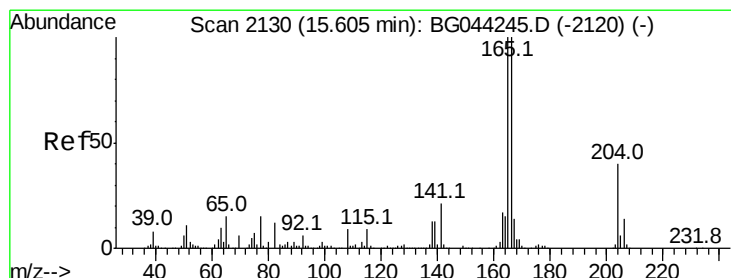
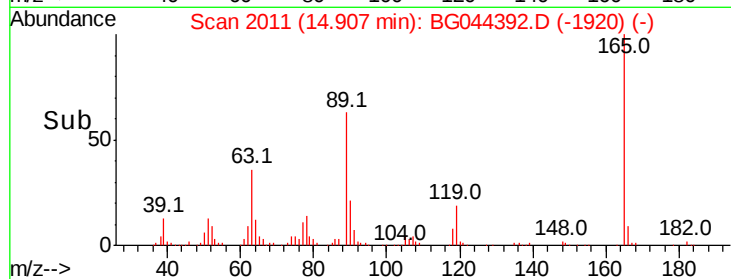
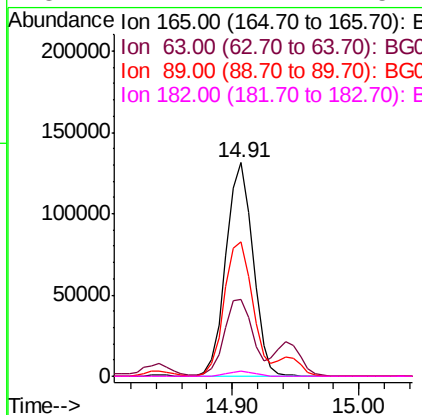
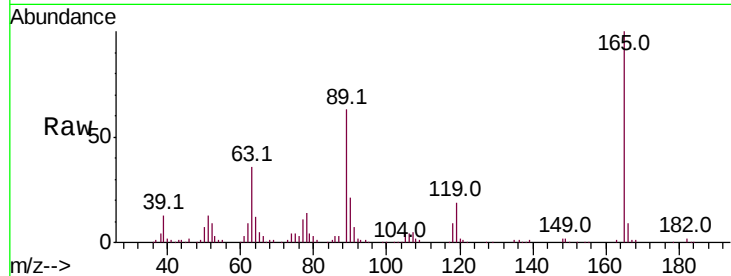
#57
2,4-Dinitrotoluene
Concen: 45.367 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	35.8	30.3	45.5
89	62.8	53.4	80.2
182	2.4	2.1	3.1

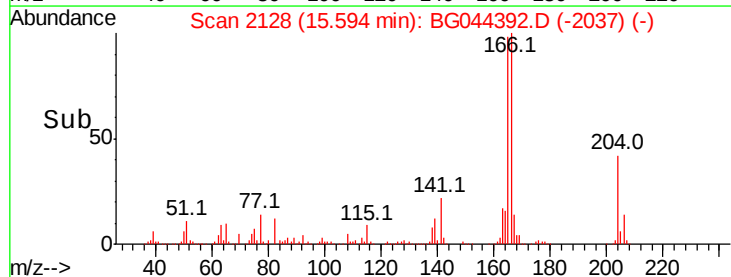
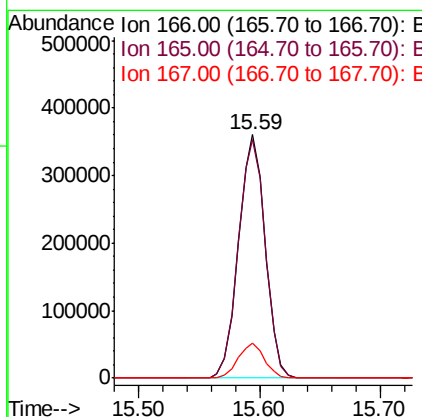
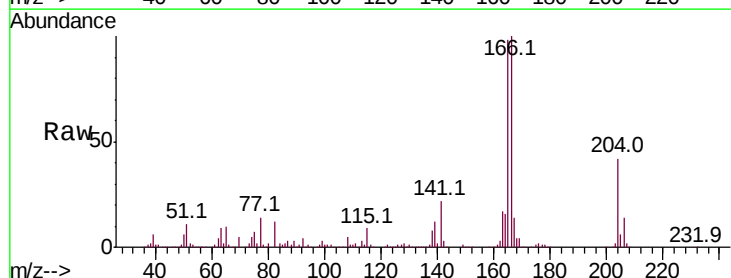
Manual Integrations
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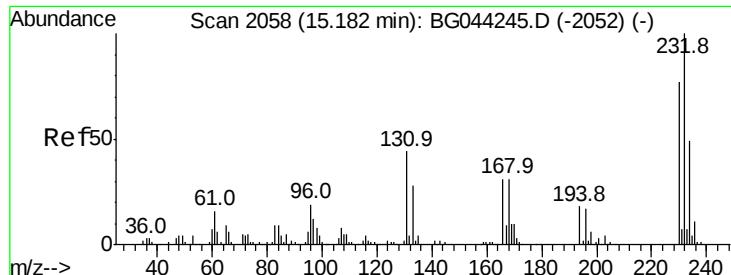
mohammad
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#58
Fluorene
Concen: 44.748 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.0	79.9	119.9
167	14.1	11.4	17.0





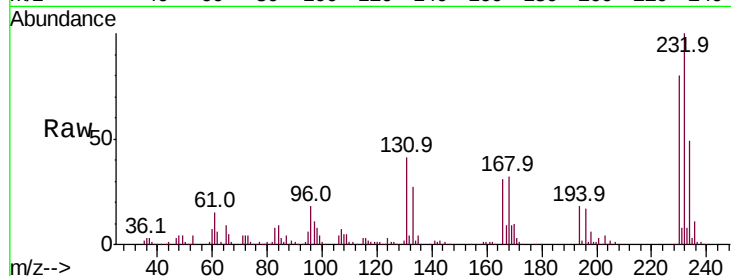
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.939 ng
 RT: 15.18 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BS

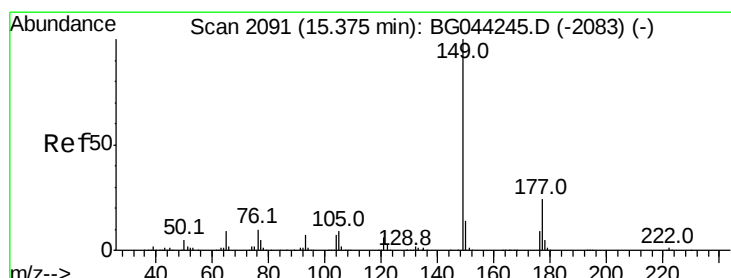
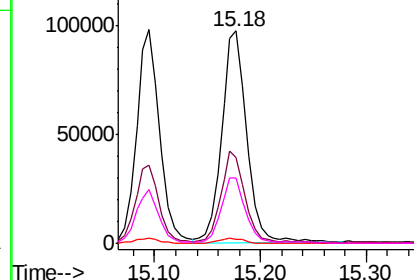
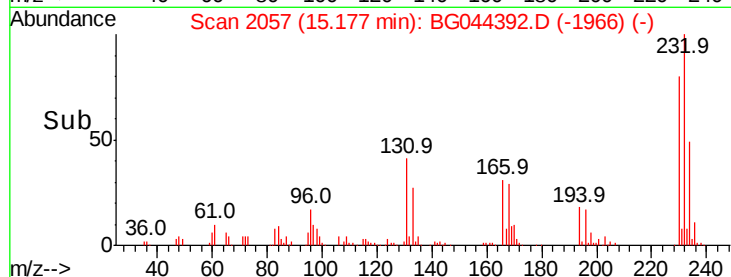
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	42.3	34.2	51.4
130	2.3	1.8	2.8
166	29.6	23.8	35.8

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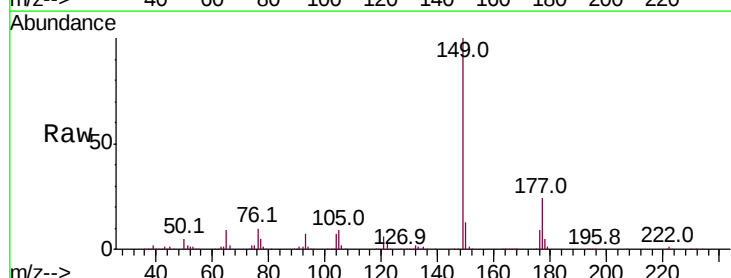


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

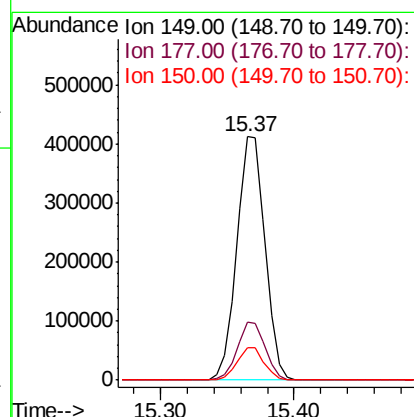
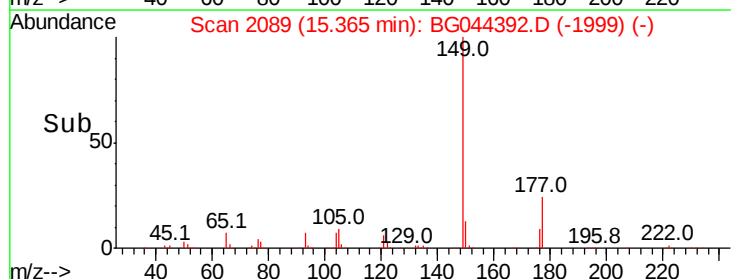


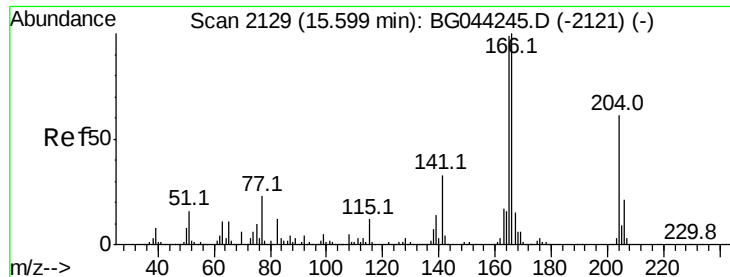
#60
 Diethylphthalate
 Concen: 44.459 ng
 RT: 15.37 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.7	19.4	29.0
150	13.4	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





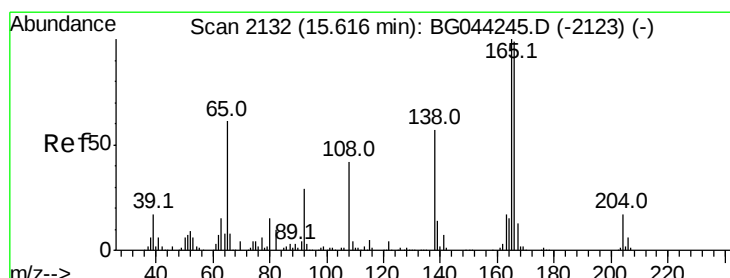
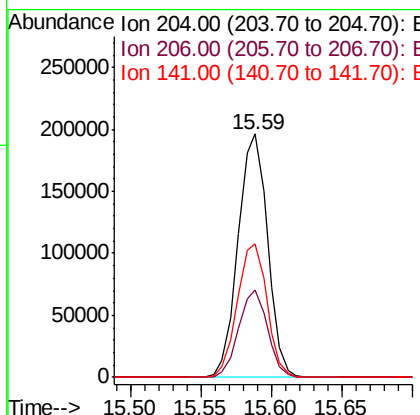
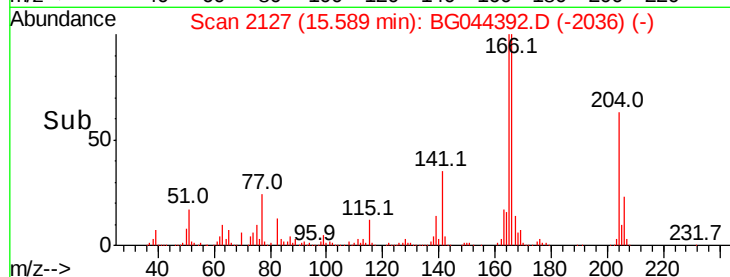
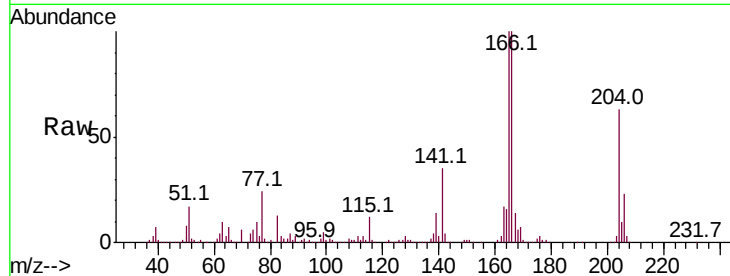
#61
4-Chlorophenyl-phenylether
Concen: 42.824 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampled :
PB126699BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	286798		
206	35.7		27.6	41.4
141	54.9		43.4	65.0

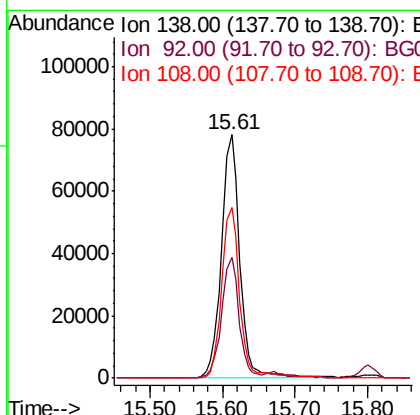
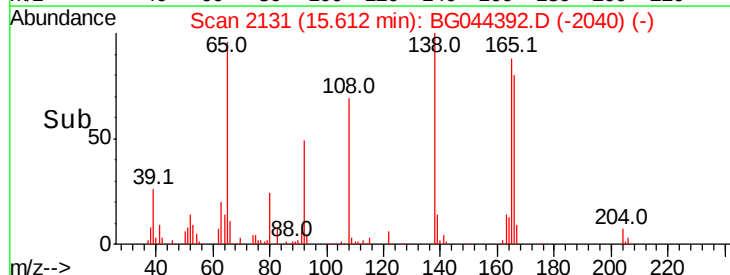
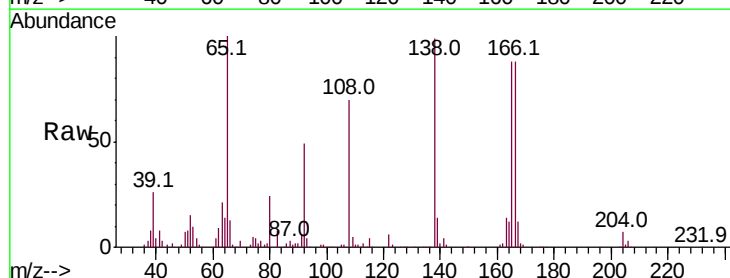
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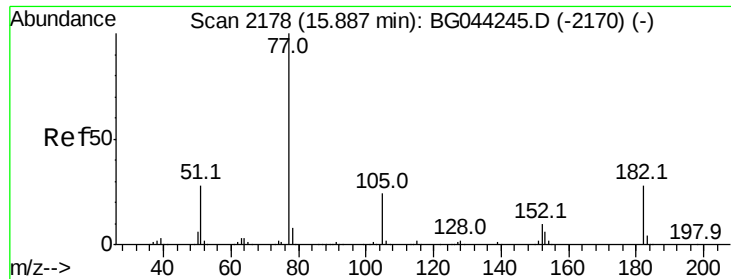
mohammad
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#62
4-Nitroaniline
Concen: 41.554 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	139755		
92	49.5		31.3	71.3
108	70.2		52.6	92.6





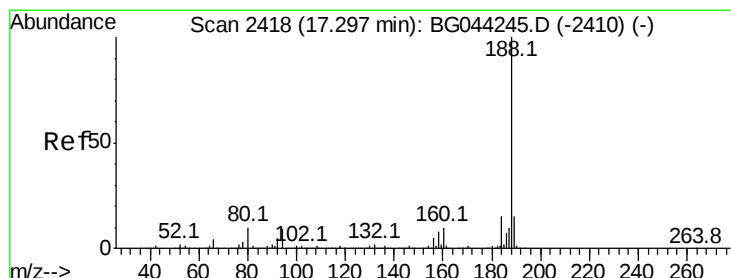
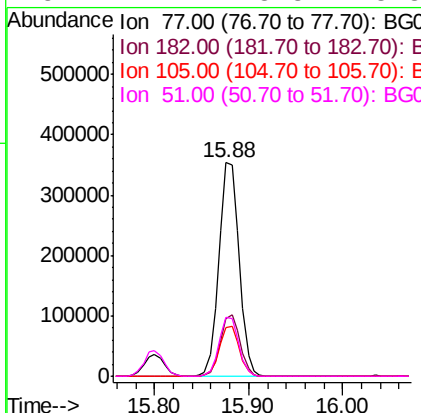
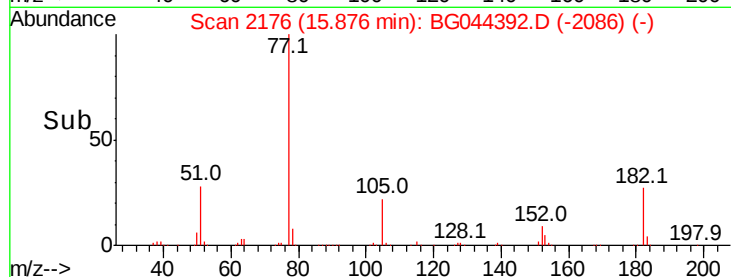
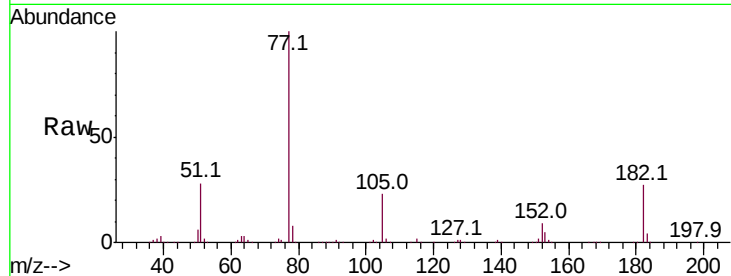
#63
Azobenzene
Concen: 44.379 ng
RT: 15.88 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		528805		
182	27.1	8.2	48.2		
105	23.0	3.6	43.6		
51	27.7	8.3	48.3		

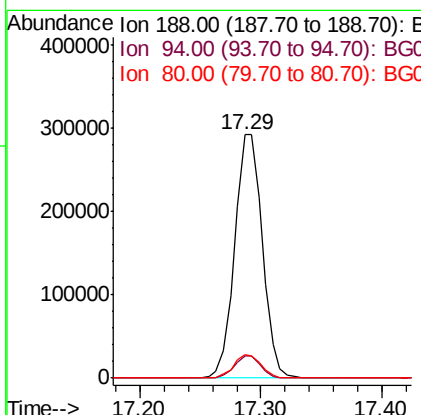
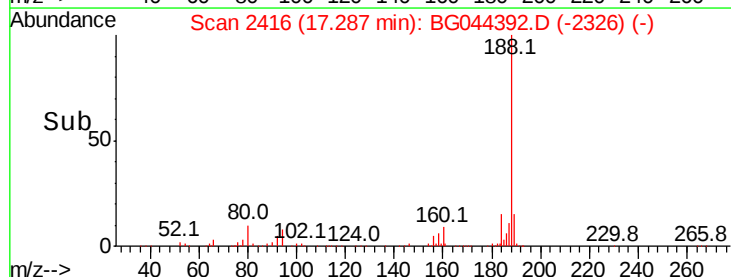
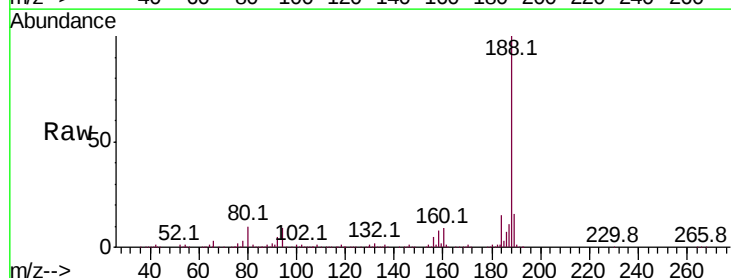
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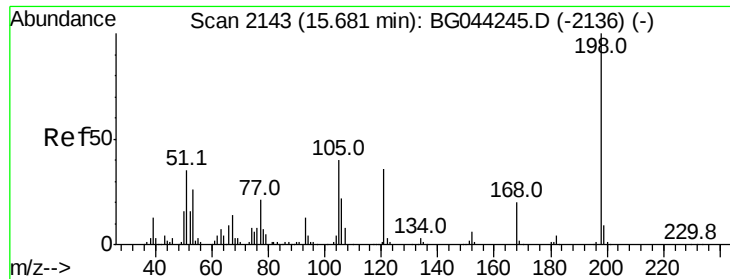
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		466373		
94	9.1	7.4	11.2		
80	9.9	7.7	11.5		





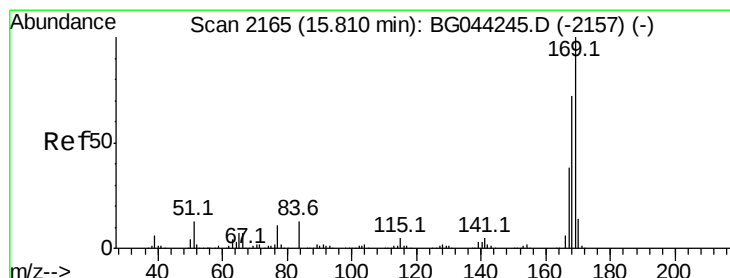
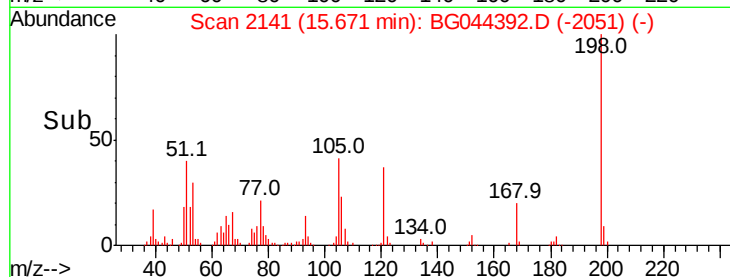
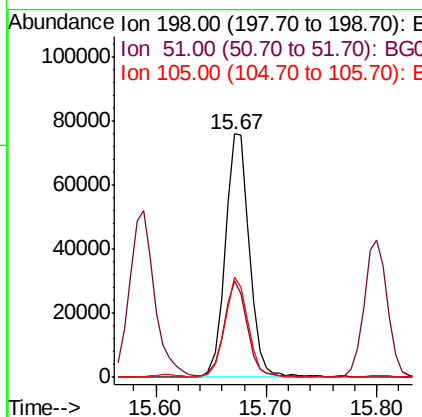
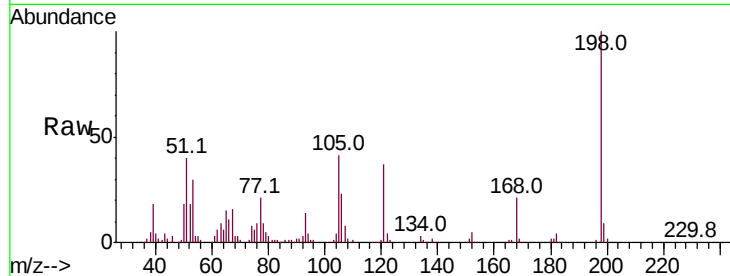
#65
4,6-Dinitro-2-methylphenol
Concen: 45.206 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.7	16.6	56.6
105	41.3	20.6	60.6

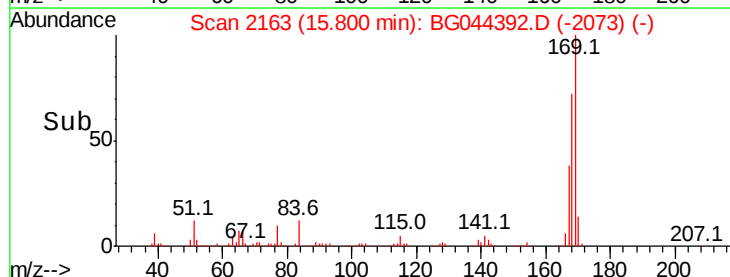
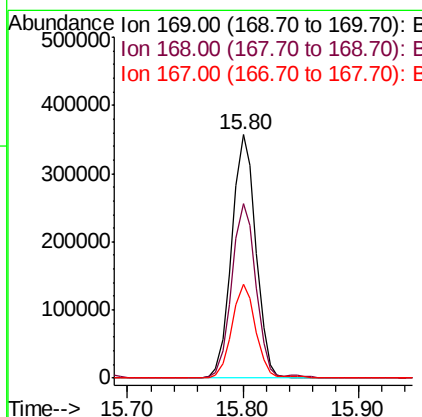
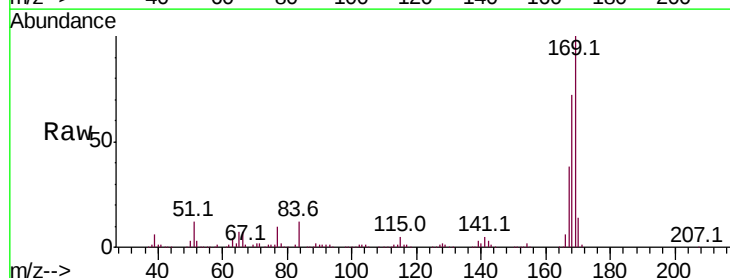
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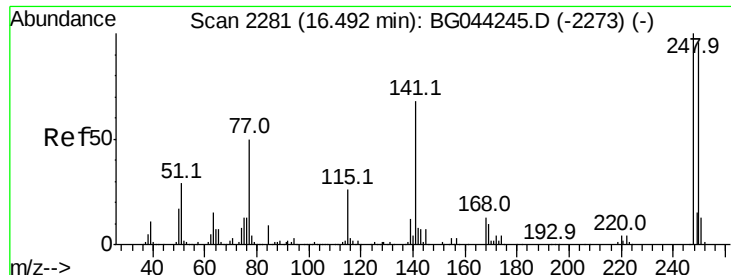
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#66
n-Nitrosodiphenylamine
Concen: 39.524 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.9	57.9	86.9
167	38.4	30.7	46.1





#67

4-Bromophenyl-phenylether

Concen: 38.194 ng

RT: 16.48 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

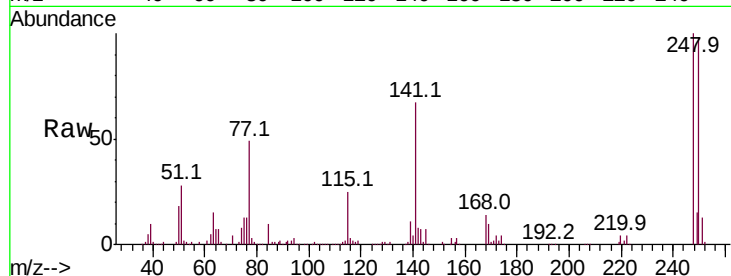
ClientSampleId :

PB126699BS

Tot Ion:	248	Resp:	194068
Ion Ratio	Lower	Upper	
248	100		
250	98.4	76.6	114.8
141	66.9	54.7	82.1

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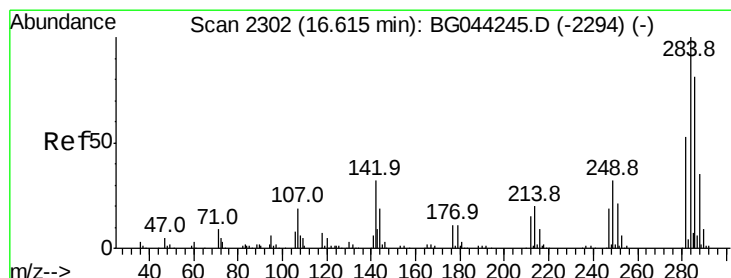
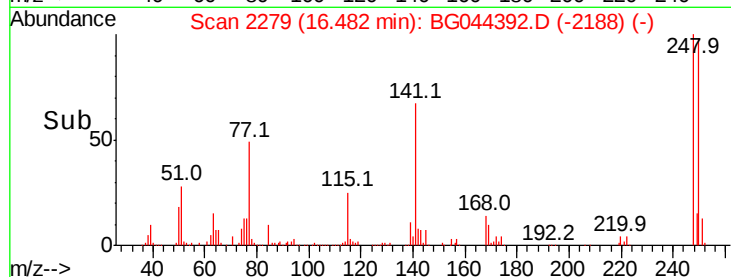
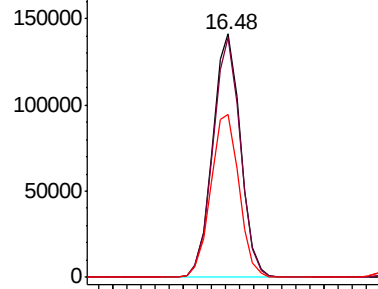


Abundance

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: 37.048 ng

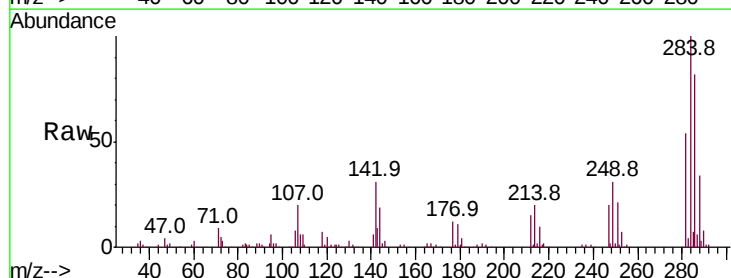
RT: 16.60 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion:	284	Resp:	210896
Ion Ratio	Lower	Upper	
284	100		
142	30.8	25.3	37.9
249	31.2	25.5	38.3

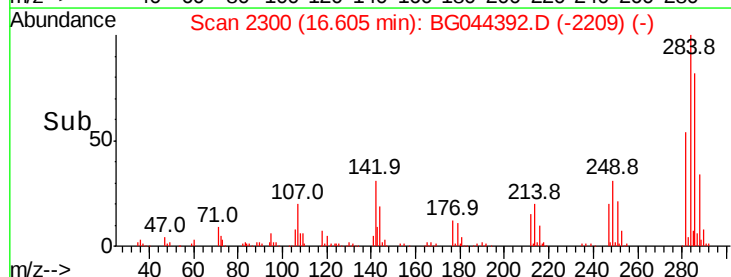
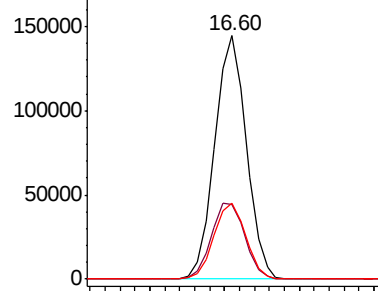


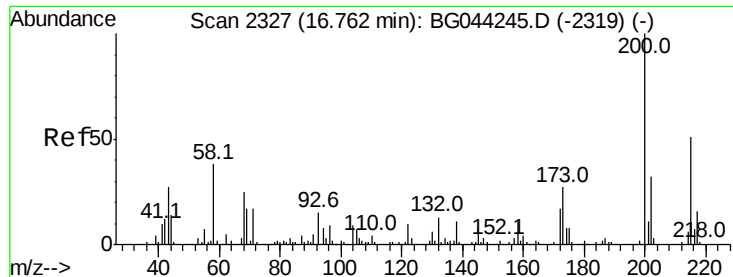
Abundance

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





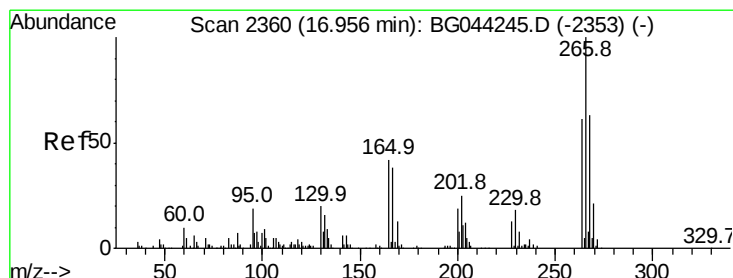
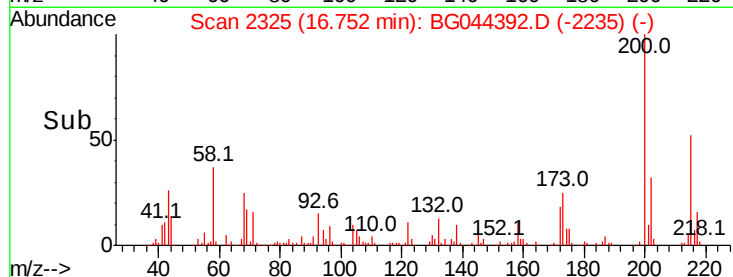
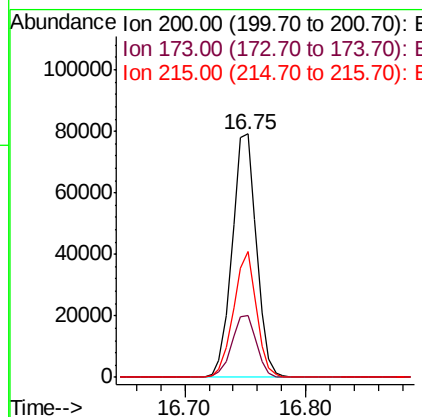
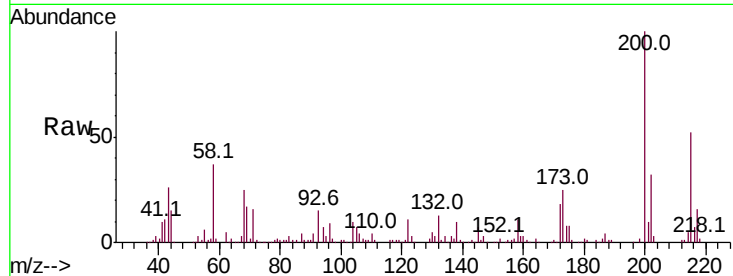
#69
 Atrazine
 Concen: 24.817 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.4	6.6	46.6
215	51.6	31.0	71.0

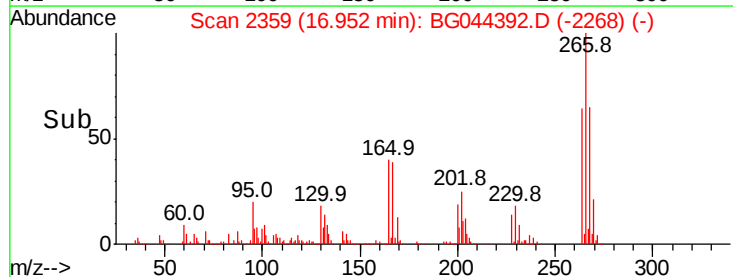
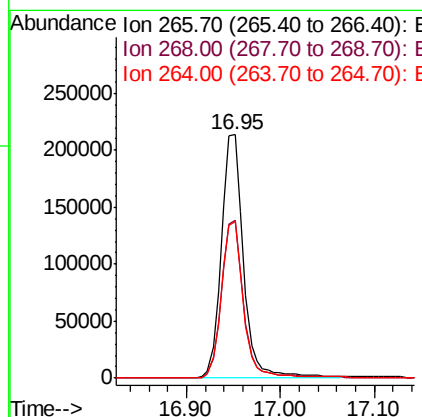
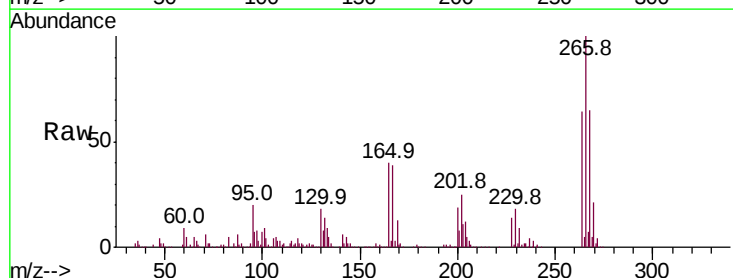
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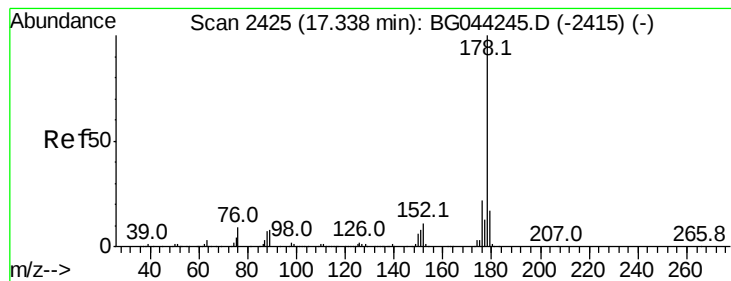
mohammad
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#70
 Pentachlorophenol
 Concen: 121.298 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	50.6	75.8
264	64.4	48.7	73.1





#71

Phenanthrene

Concen: 40.904 ng

RT: 17.33 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

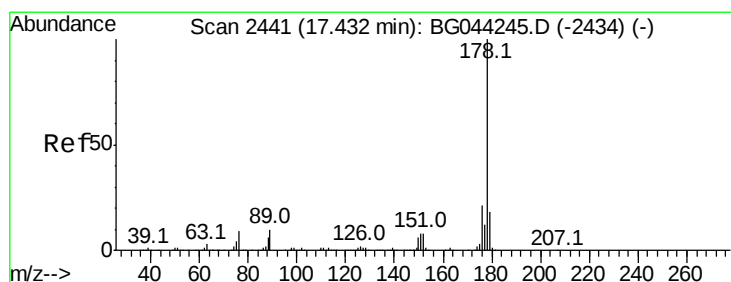
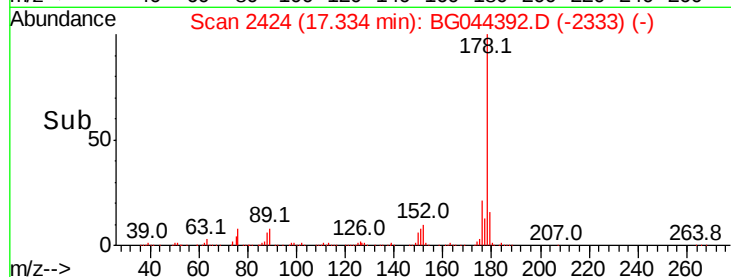
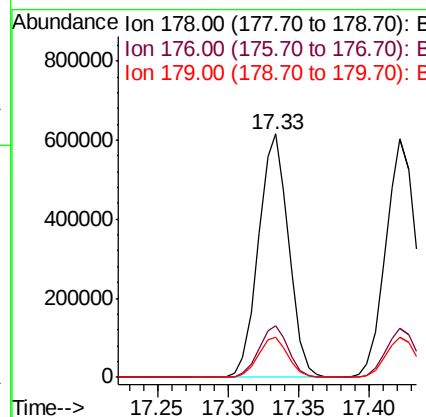
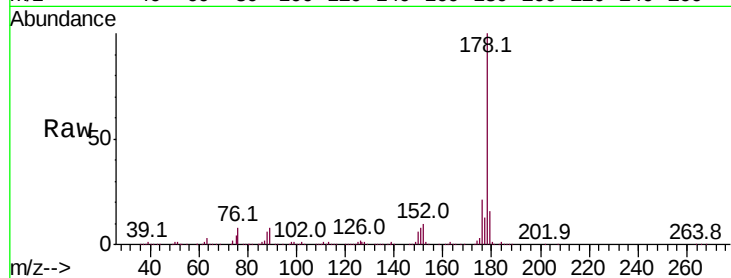
ClientSampleId :

PB126699BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.4	13.7	20.5

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#72

Anthracene

Concen: 40.632 ng

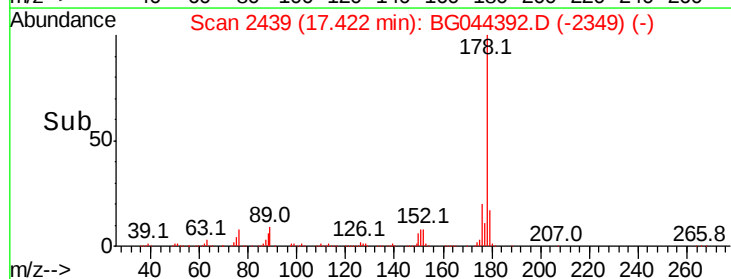
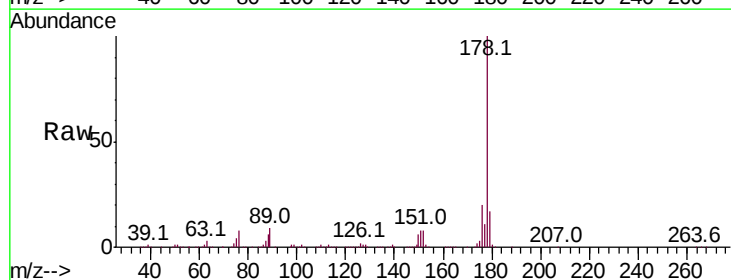
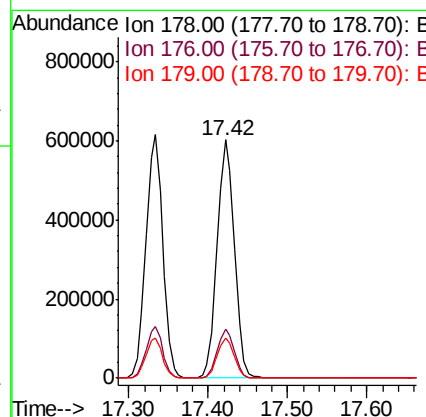
RT: 17.42 min Scan# 2439

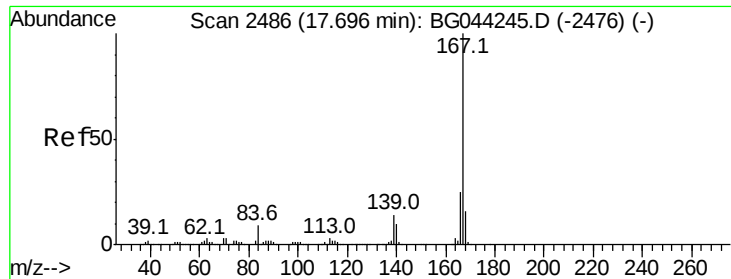
Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.0	25.4
179	16.6	14.4	21.6





#73

Carbazole

Concen: 41.640 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

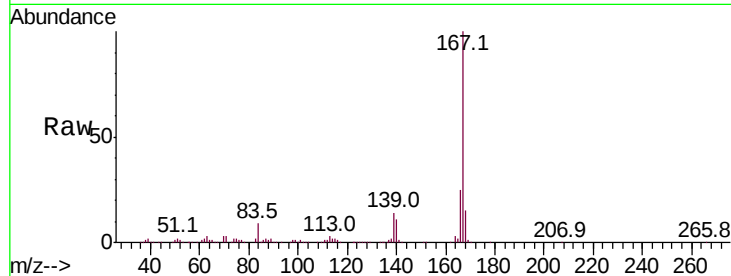
ClientSampleId :

PB126699BS

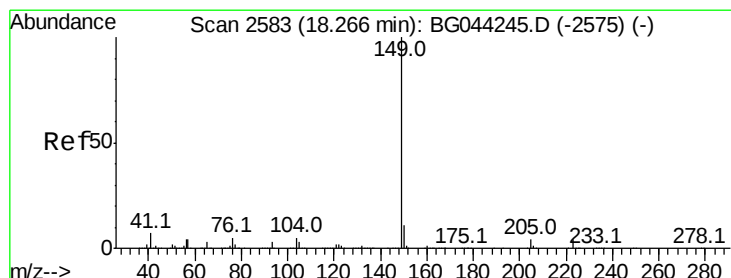
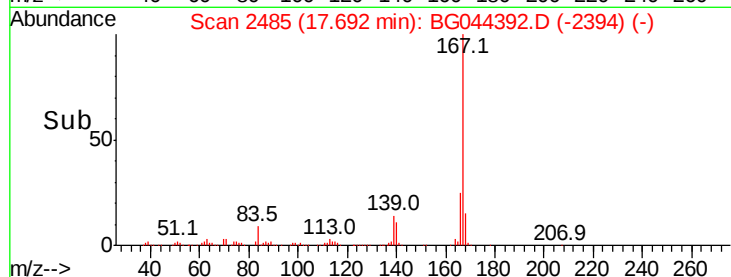
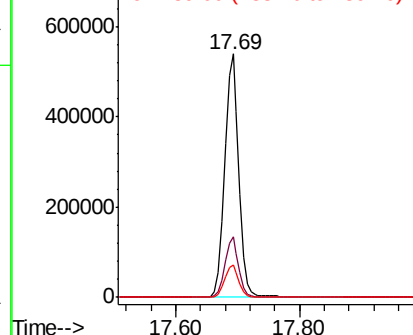
Tot Ion:	167	Resp:	857078
Ion Ratio	Lower	Upper	
167	100		
166	24.7	19.8	29.6
139	13.5	11.1	16.7

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



#74

Di-n-butylphthalate

Concen: 41.899 ng

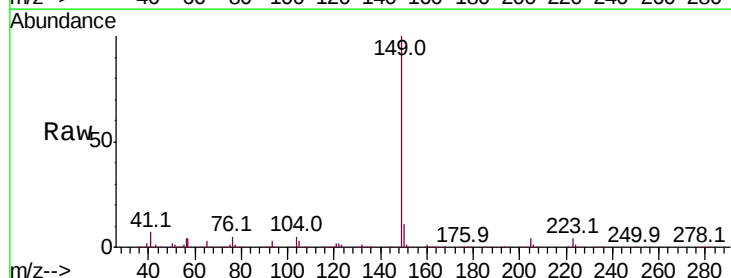
RT: 18.26 min Scan# 2581

Delta R.T. -0.00 min

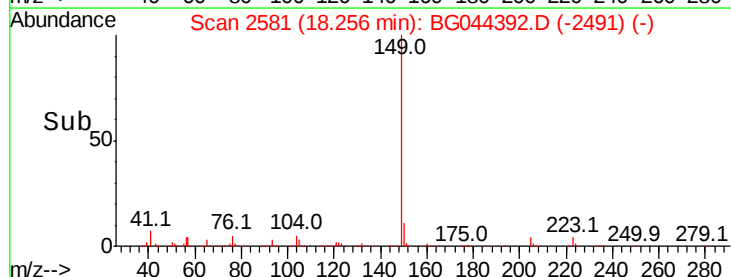
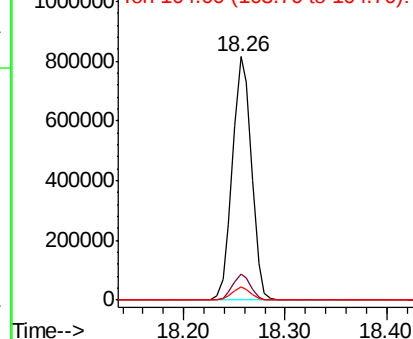
Lab File: BG044392.D

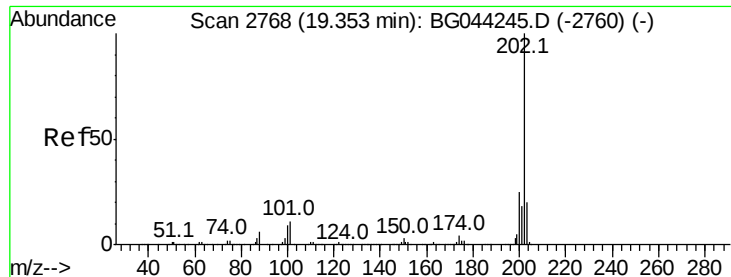
Acq: 11 Feb 2020 17:15

Tgt Ion:	149	Resp:	1065745
Ion Ratio	Lower	Upper	
149	100		
150	10.8	8.7	13.1
104	5.3	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: 42.116 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

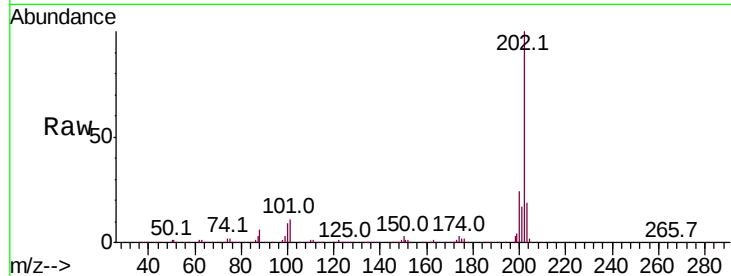
ClientSampleId :

PB126699BS

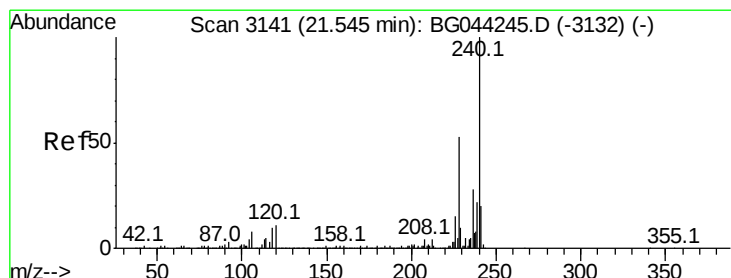
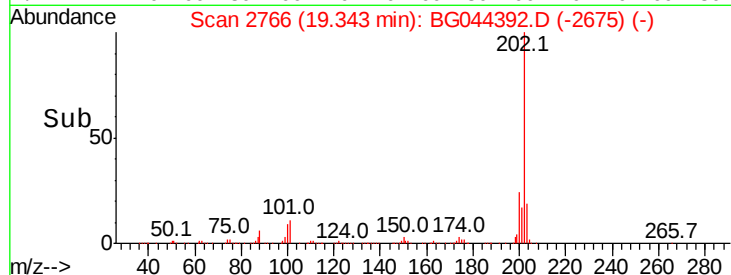
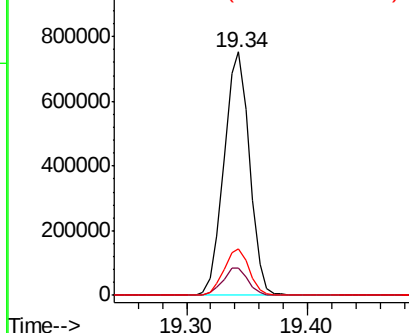
Tot Ion:	202	Resp:	1100271
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.3
203	19.2	0.0	39.9

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

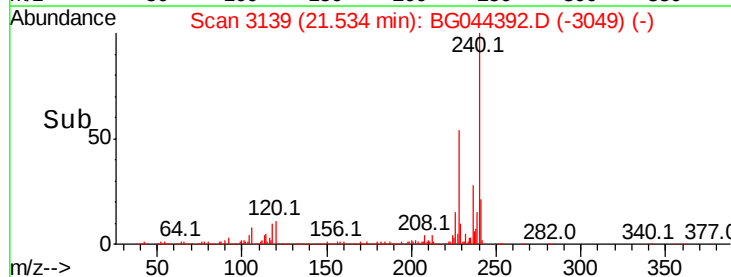
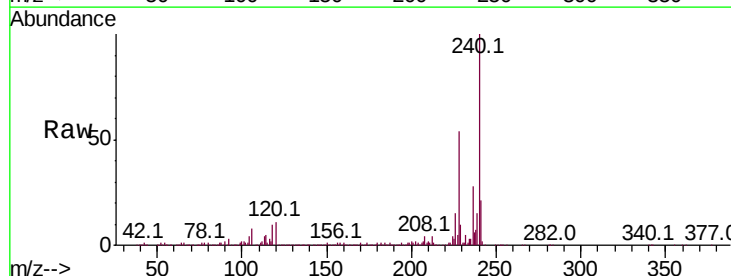
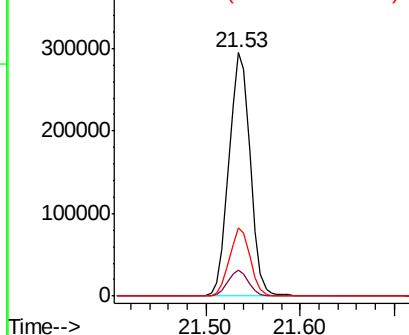
Delta R.T. -0.00 min

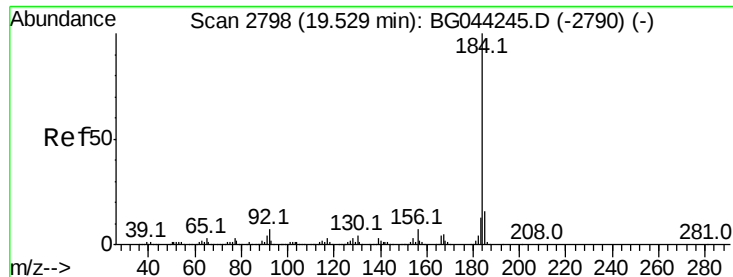
Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion:	240	Resp:	464107
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.4	12.6
236	27.9	22.1	33.1

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





#77

Benzidine

Concen: 9.556 ng

RT: 19.53 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

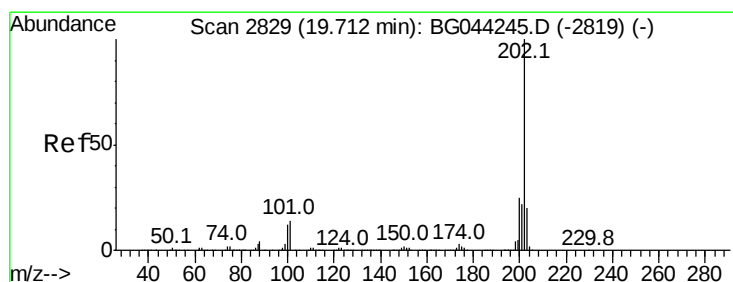
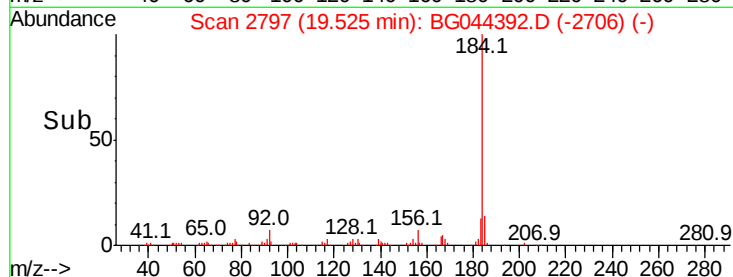
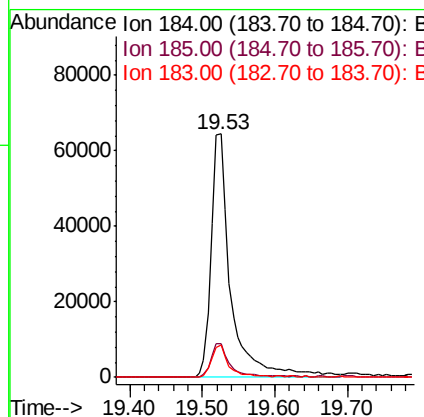
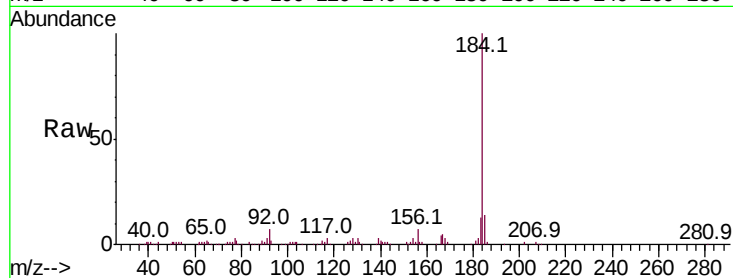
ClientSampleId :

PB126699BS

Tot Ion:	184	Resp:	123015
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.9	19.3
183	13.1	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 37.322 ng

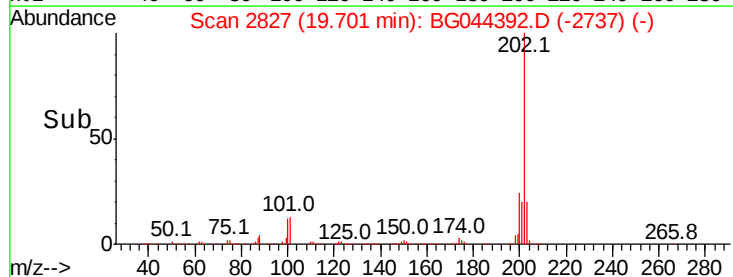
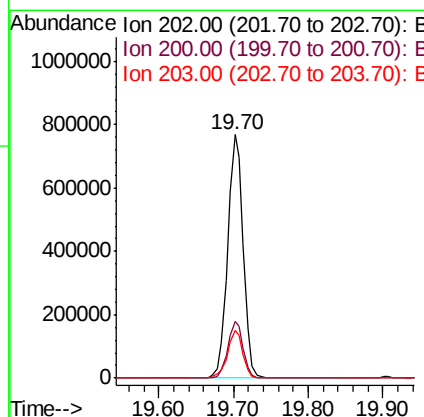
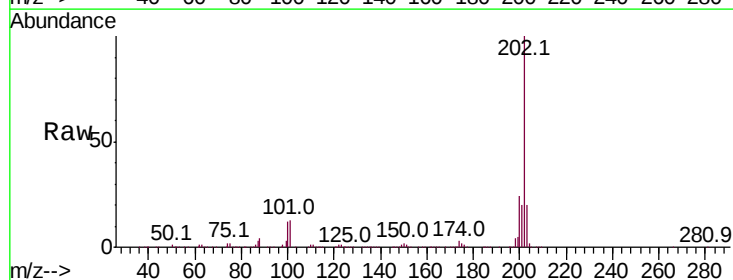
RT: 19.70 min Scan# 2827

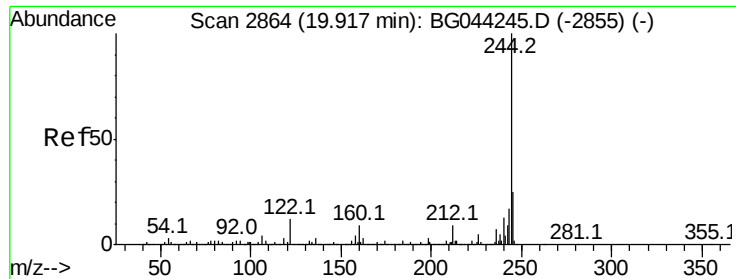
Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion:	202	Resp:	1112397
Ion Ratio	Lower	Upper	
202	100		
200	23.5	20.0	30.0
203	19.7	16.2	24.2





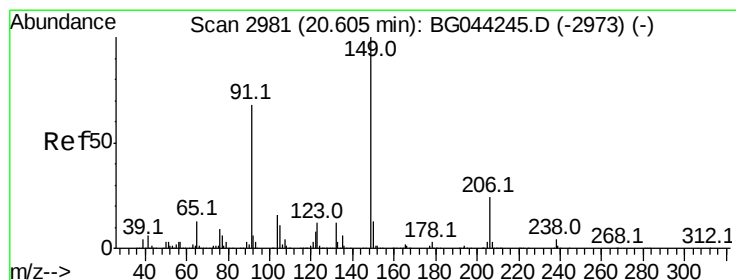
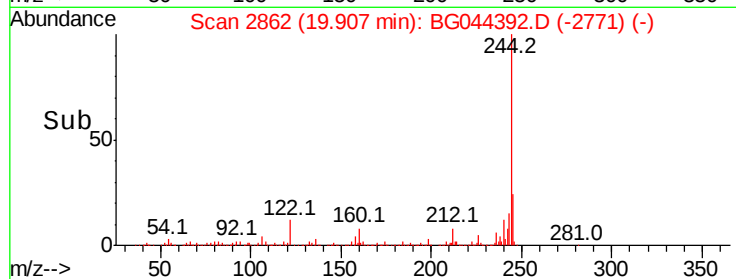
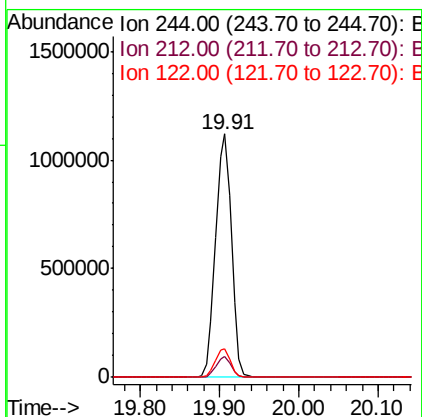
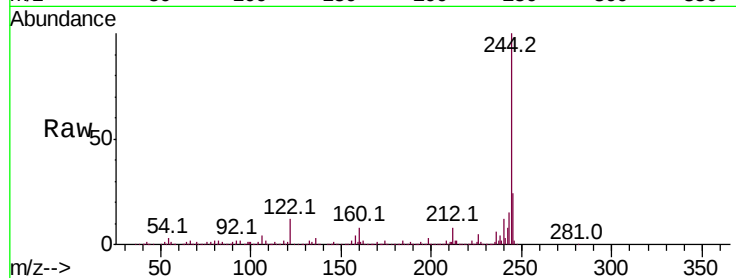
#79
 Terphenyl-d14
 Concen: 69.118 ng
 RT: 19.91 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.6	9.8	14.6

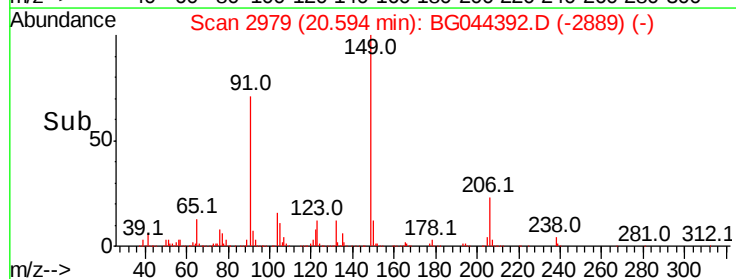
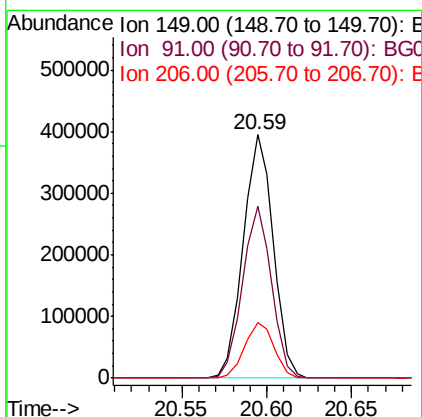
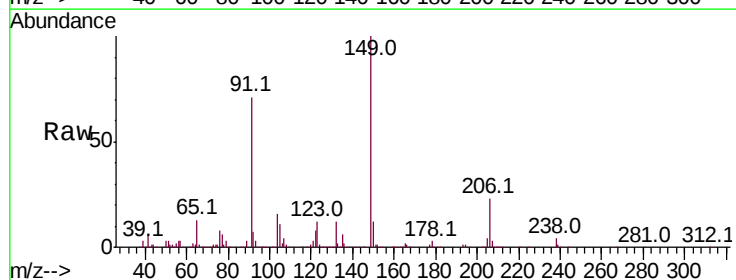
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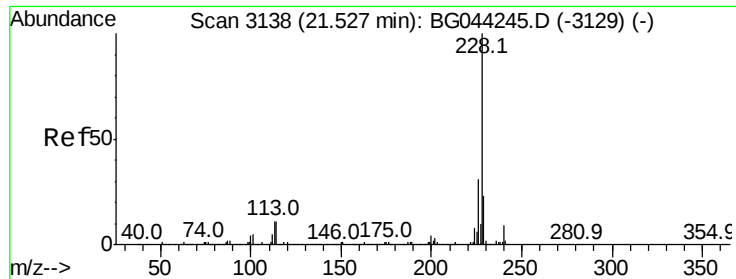
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#80
 Butylbenzylphthalate
 Concen: 35.944 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	54.5	81.7
206	22.6	19.1	28.7





#81

Benzo(a)anthracene

Concen: 37.032 ng

RT: 21.52 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

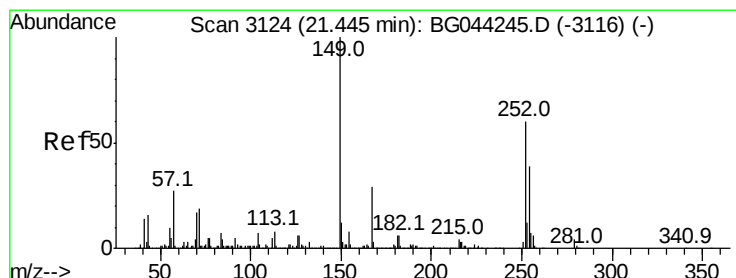
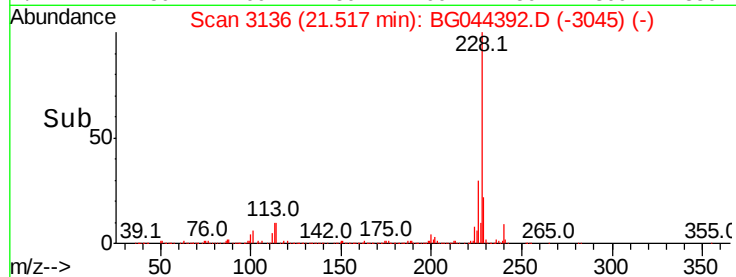
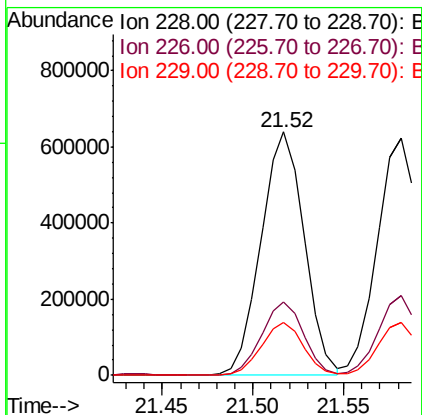
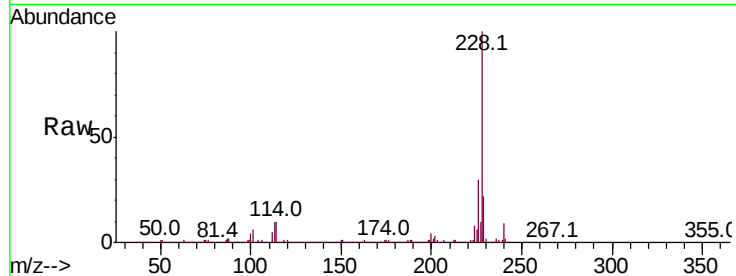
ClientSampleId :

PB126699BS

Tot Ion:	228	Resp:	1059252
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	21.9	18.2	27.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.302 ng

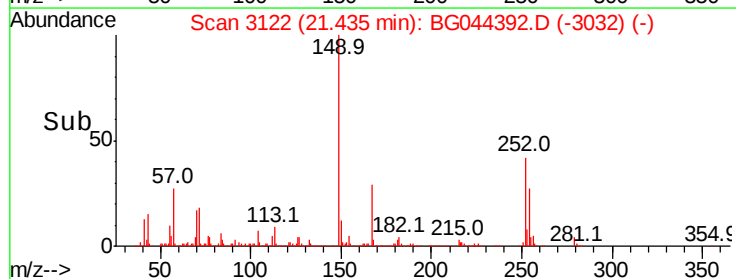
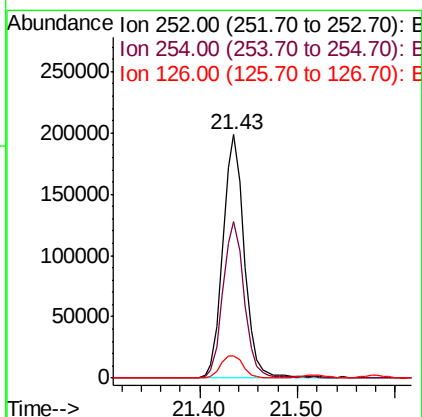
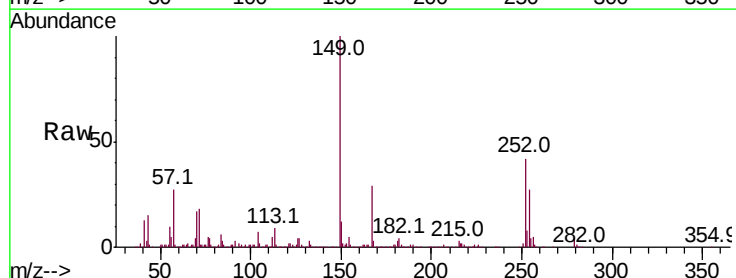
RT: 21.43 min Scan# 3122

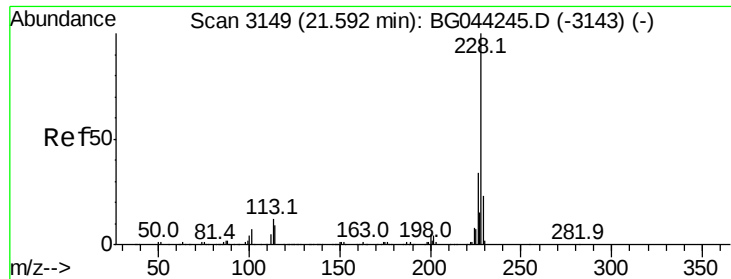
Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Tgt Ion:	252	Resp:	303086
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	9.1	8.2	12.4





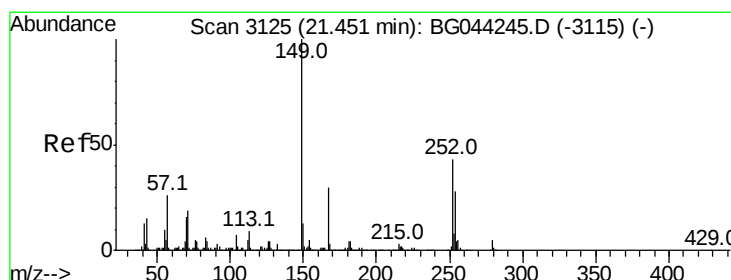
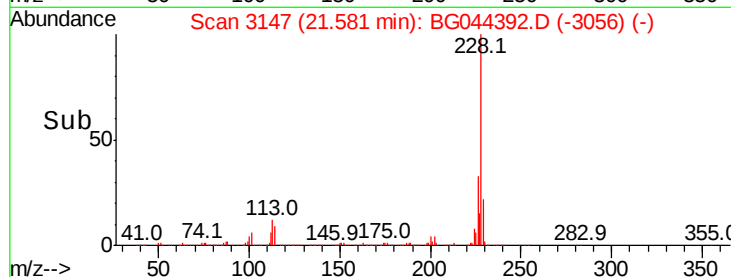
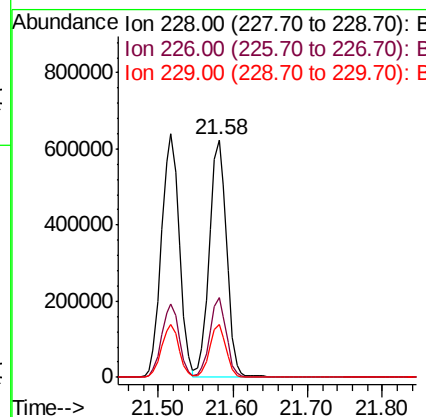
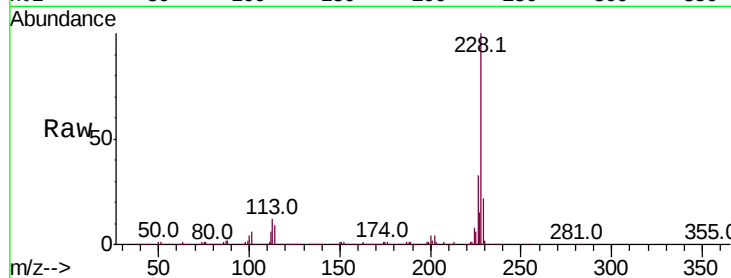
#83
 Chrysene
 Concen: 36.284 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	27.1	40.7
229	22.2	17.9	26.9

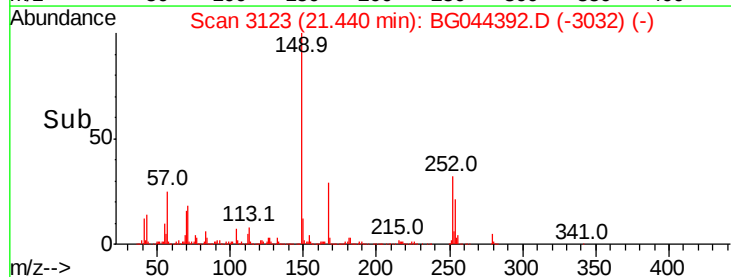
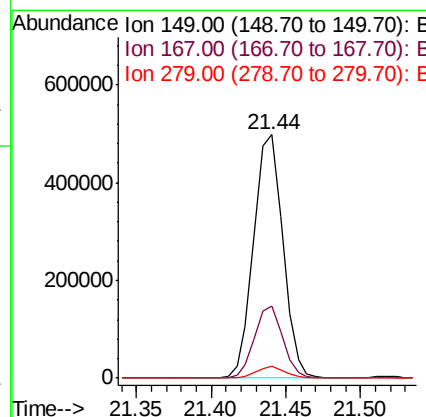
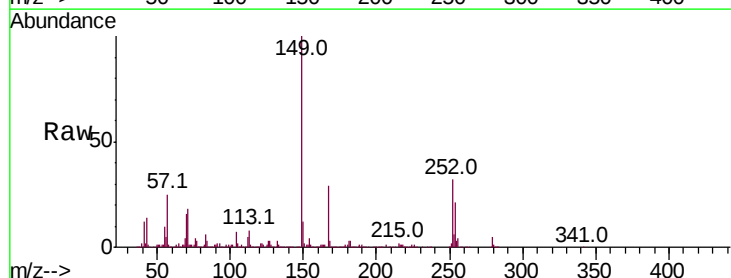
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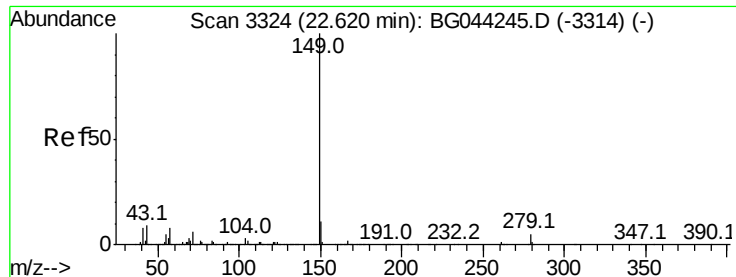
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.068 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044392.D
 Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.0	36.0
279	4.8	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 36.616 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

ClientSampleId :

PB126699BS

Tot Ion:149 Resp: 1184419

Ion Ratio Lower Upper

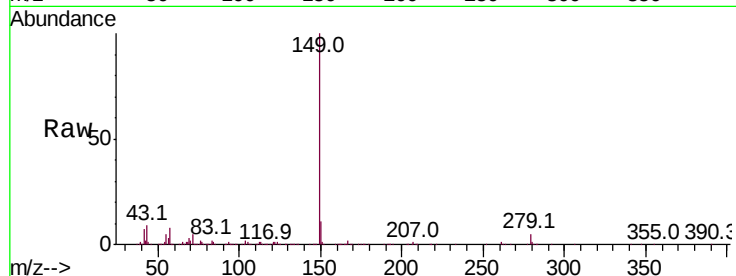
149 100

167 1.6 1.3 1.9

43 9.0 7.4 11.0

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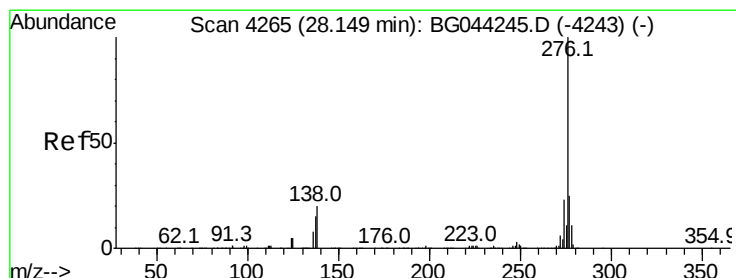
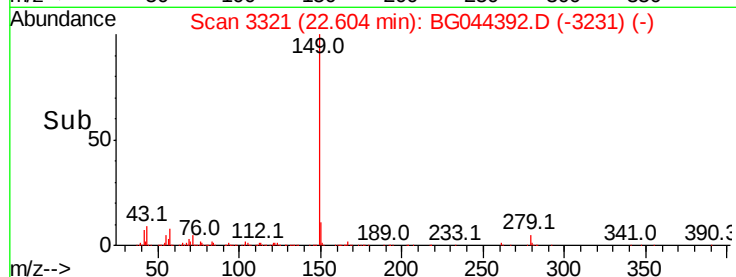
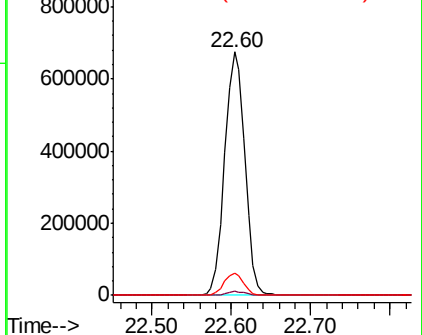
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.059 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

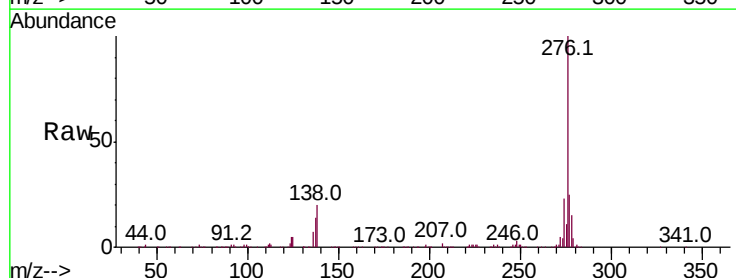
Tgt Ion:276 Resp: 1264600

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

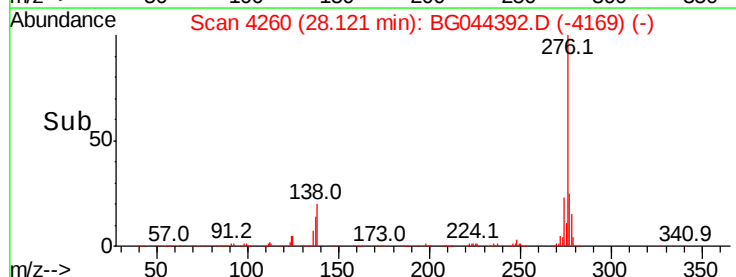
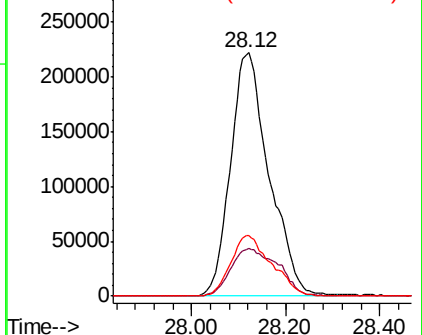
277 26.3 21.0 31.6

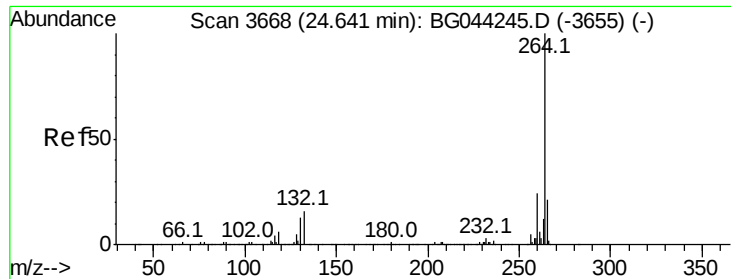


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG044392.D

Acq: 11 Feb 2020 17:15

Instrument :

BNA_G

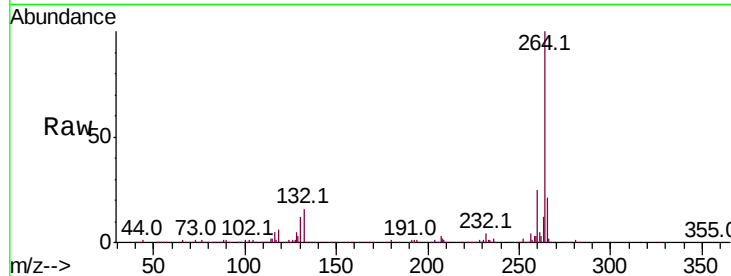
ClientSampleId :

PB126699BS

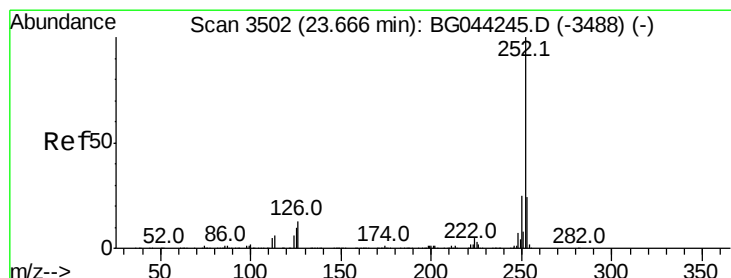
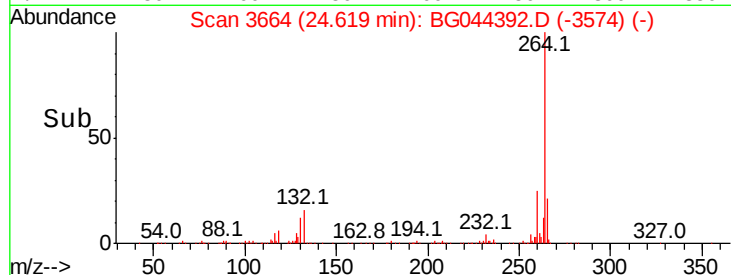
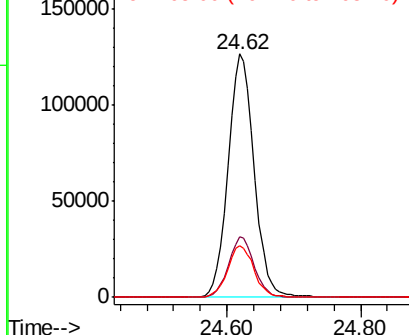
Tot Ion:	264	Resp:	344907
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	21.3	16.7	25.1

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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: 55.565 ng

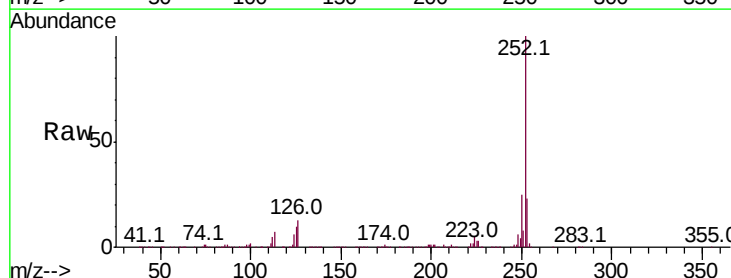
RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

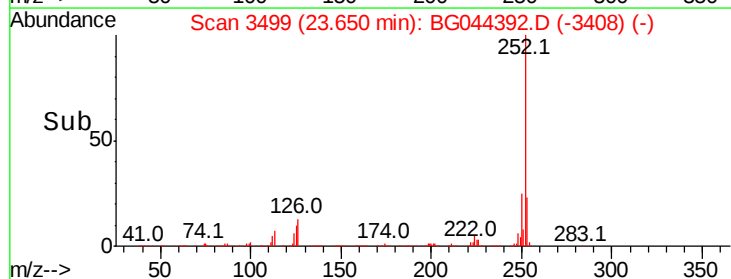
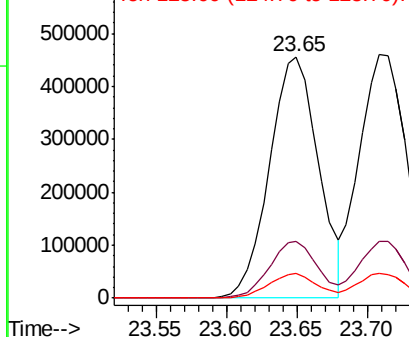
Lab File: BG044392.D

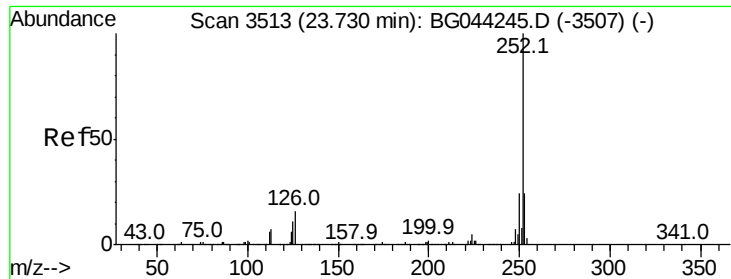
Acq: 11 Feb 2020 17:15

Tgt Ion:	252	Resp:	1104333
Ion Ratio	Lower	Upper	
252	100		
253	23.4	19.2	28.8
125	10.3	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





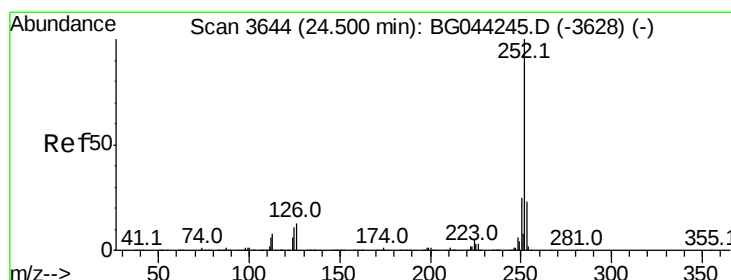
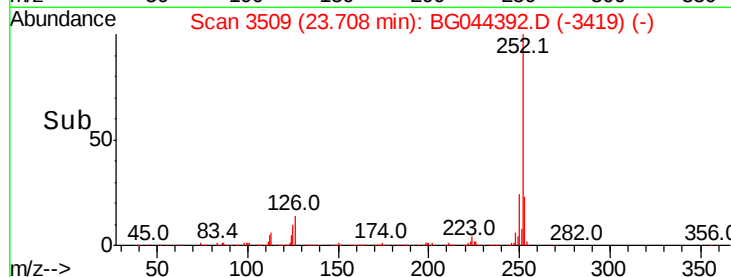
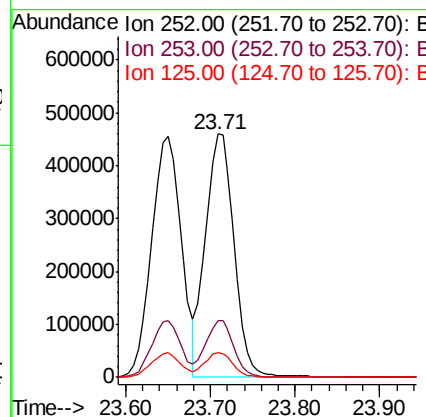
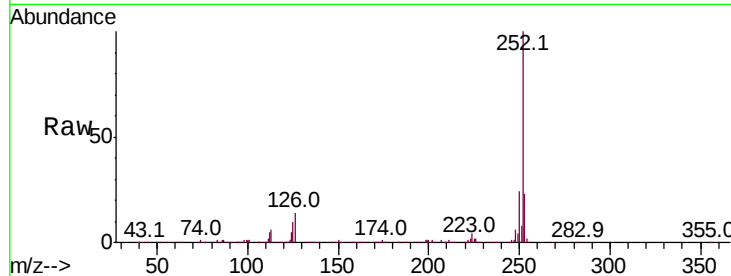
#89
Benzo(k)fluoranthene
Concen: 55.873 ng
RT: 23.71 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.1	28.7
125	10.2	8.6	12.8

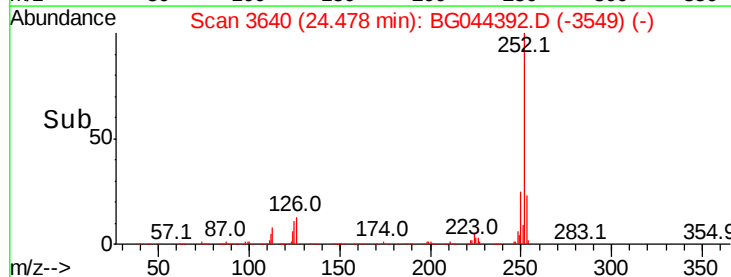
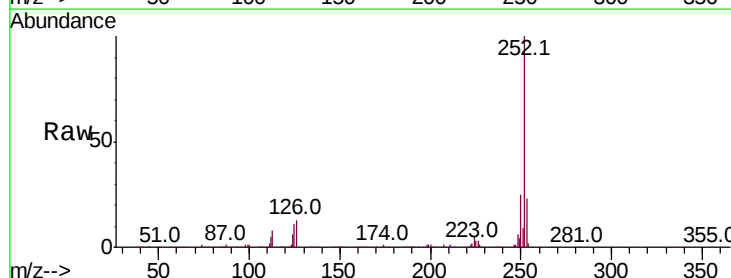
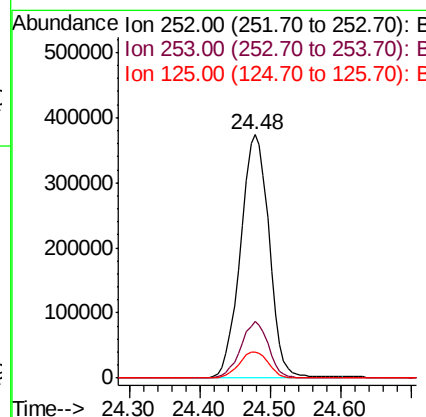
Manual Integrations
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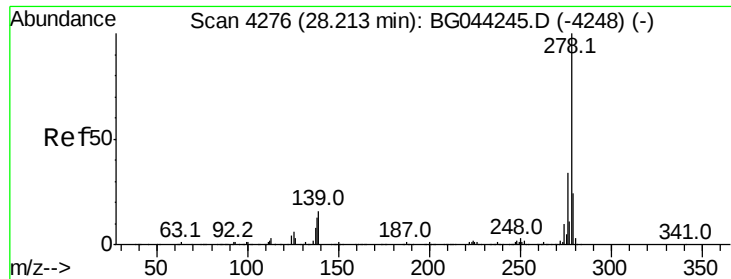
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#90
Benzo(a)pyrene
Concen: 56.121 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	10.8	8.6	13.0





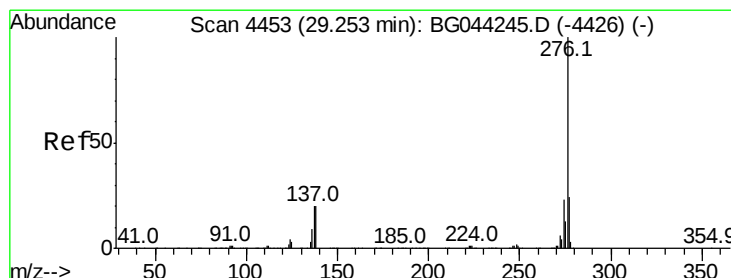
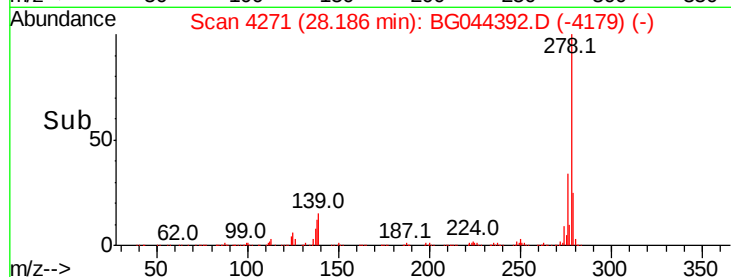
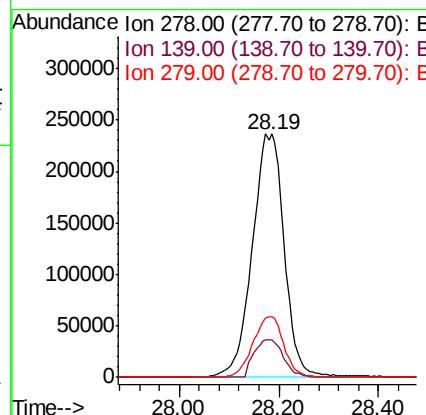
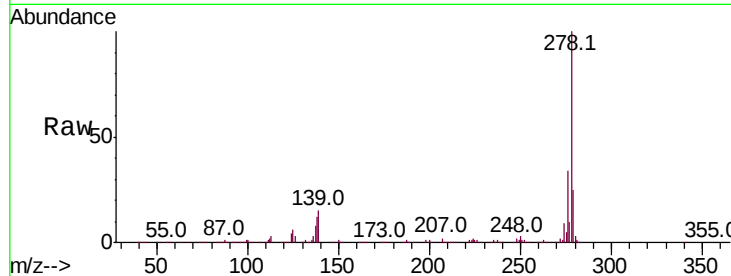
#91
Dibenzo(a,h)anthracene
Concen: 56.610 ng
RT: 28.19 min Scan# 4271
Delta R.T. 0.01 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PB126699BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.7	19.1
279	24.9	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/13/2020 3:32:43 PM



#92
Benzo(g,h,i)perylene
Concen: 57.399 ng
RT: 29.21 min Scan# 4445
Delta R.T. 0.00 min
Lab File: BG044392.D
Acq: 11 Feb 2020 17:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	20.7	16.2	24.2

