

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044832.D
 Acq On : 17 Mar 2020 13:54
 Operator : CG/JU
 Sample : PB127544BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BS

Manual Integrations
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 3/18/2020 4:00:09 PM

Quant Time: Mar 17 17:11:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91274	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	366951	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	259687	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	613390	20.00	ng	0.00
76) Chrysene-d12	21.70	240	518242	20.00	ng	0.00
87) Perylene-d12	24.91	264	563517	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	664012	113.25	ng	0.00
7) Phenol-d6	7.21	99	967846	113.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	532477	63.68	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	426094	125.31	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1175282	64.81	ng	0.00
79) Terphenyl-d14	20.04	244	1838576	66.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	97177	34.417	ng	99
3) Pyridine	3.91	79	249226	29.817	ng	99
4) n-Nitrosodimethylamine	3.82	42	122565	38.647	ng	# 99
6) Aniline	7.37	93	323204	30.490	ng	96
8) 2-Chlorophenol	7.61	128	255245	43.608	ng	99
9) Benzaldehyde	7.18	77	116169m	18.874	ng	
10) Phenol	7.24	94	363724	43.126	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	249220	37.025	ng	97
12) 1,3-Dichlorobenzene	7.94	146	274871	38.123	ng	97
13) 1,4-Dichlorobenzene	8.08	146	275904	38.706	ng	98
14) 1,2-Dichlorobenzene	8.41	146	259170	38.336	ng	99
15) Benzyl Alcohol	8.28	79	276139	40.400	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	374804	31.553	ng	97
17) 2-Methylphenol	8.49	107	243828	42.679	ng	97
18) Hexachloroethane	9.14	117	110947	39.534	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	216822	36.045	ng	97
20) 3+4-Methylphenols	8.82	107	344526	43.747	ng	99
22) Acetophenone	8.86	105	396256	38.117	ng	# 99
24) Nitrobenzene	9.25	77	327581	37.753	ng	99
25) Isophorone	9.77	82	630697	38.644	ng	98
26) 2-Nitrophenol	9.96	139	145695	48.324	ng	97
27) 2,4-Dimethylphenol	10.02	122	258151	48.571	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	357203	36.674	ng	99
29) 2,4-Dichlorophenol	10.50	162	275435	44.368	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	280025	37.725	ng	96
31) Naphthalene	10.91	128	787250	38.729	ng	98
32) Benzoic acid	10.16	122	162834	41.075	ng	98
33) 4-Chloroaniline	11.01	127	209034	22.825	ng	96
34) Hexachlorobutadiene	11.20	225	180967	37.073	ng	99
35) Caprolactam	11.77	113	110556m	47.037	ng	
36) 4-Chloro-3-methylphenol	12.12	107	323970	43.757	ng	98
37) 2-Methylnaphthalene	12.51	142	596796	39.248	ng	97
38) 1-Methylnaphthalene	12.73	142	564990	39.523	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	315420	36.881	ng	99

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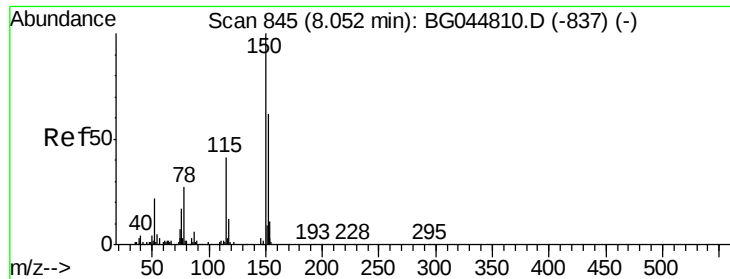
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	438895	93.904	nq	100
43) 2,4,6-Trichlorophenol	13.11	196	244661	43.107	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	261885	44.492	nq	95
46) 1,1'-Biphenyl	13.52	154	756775	36.467	nq	99
47) 2-Chloronaphthalene	13.56	162	581422	36.676	nq	98
48) 2-Nitroaniline	13.75	65	226760	40.858	nq	96
49) Acenaphthylene	14.40	152	975543	39.280	nq	98
50) Dimethylphthalate	14.13	163	808497	39.090	nq	99
51) 2,6-Dinitrotoluene	14.25	165	182874	43.865	nq	98
52) Acenaphthene	14.74	154	716548	44.054	nq	98
53) 3-Nitroaniline	14.57	138	132824	27.711	nq	95
54) 2,4-Dinitrophenol	14.78	184	217012	97.573	nq	97
55) Dibenzofuran	15.08	168	940772	39.885	nq	100
56) 4-Nitrophenol	14.88	139	336938	92.109	nq	95
57) 2,4-Dinitrotoluene	15.03	165	258873	45.276	nq	98
58) Fluorene	15.73	166	765021	39.429	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	249778	46.092	nq	96
60) Diethylphthalate	15.50	149	843136	39.085	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	416201	39.837	nq	99
62) 4-Nitroaniline	15.74	138	187455	36.677	nq	99
63) Azobenzene	16.01	77	833601	37.212	nq	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	156573	53.238	nq	95
66) n-Nitrosodiphenylamine	15.93	169	699723	37.890	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	288241	37.589	nq	97
68) Hexachlorobenzene	16.74	284	310732	37.351	nq	96
69) Atrazine	16.88	200	302979	44.780	nq	98
70) Pentachlorophenol	17.08	266	403996	88.260	nq	99
71) Phenanthrene	17.47	178	1240264	37.838	nq	99
72) Anthracene	17.56	178	1265374	39.150	nq	99
73) Carbazole	17.82	167	1198984	38.618	nq	99
74) Di-n-butylphthalate	18.39	149	1435691	38.040	nq	99
75) Fluoranthene	19.47	202	1500006	38.434	nq	99
77) Benzidine	19.64	184	564508	33.553	nq	99
78) Pyrene	19.83	202	1519121	39.954	nq	100
80) Butylbenzylphthalate	20.73	149	631508	37.334	nq	99
81) Benzo(a)anthracene	21.68	228	1404945	37.649	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	409268	28.349	nq	100
83) Chrysene	21.74	228	1331403	37.350	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	861128	36.887	nq	99
85) Di-n-octyl phthalate	22.82	149	1475219	37.763	nq	99
86) Indeno(1,2,3-cd)pyrene	28.56	276	1724740	36.906	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	1490989	40.078	nq	100
89) Benzo(k)fluoranthene	23.96	252	1389828	39.477	nq	100
90) Benzo(a)pyrene	24.76	252	1345257	38.645	nq	98
91) Dibenzo(a,h)anthracene	28.63	278	1403107	40.857	nq	96
92) Benzo(g,h,i)perylene	29.70	276	1427602	41.145	nq	97

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



#1

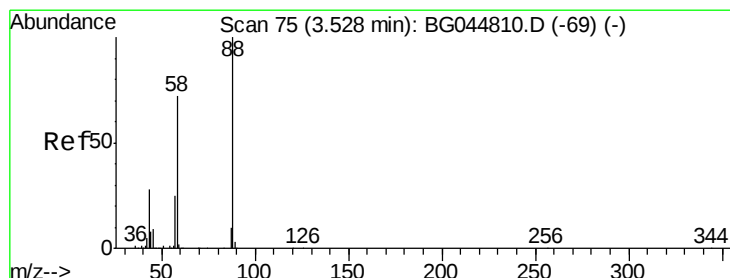
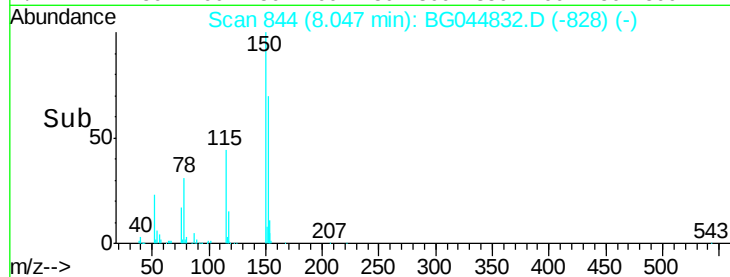
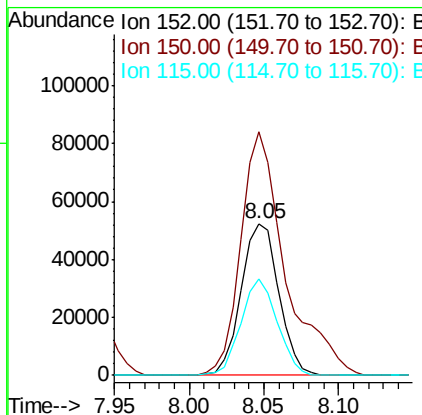
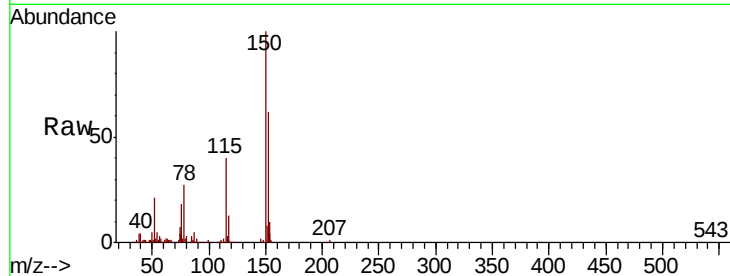
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.8	193.2
115	63.5	52.6	79.0

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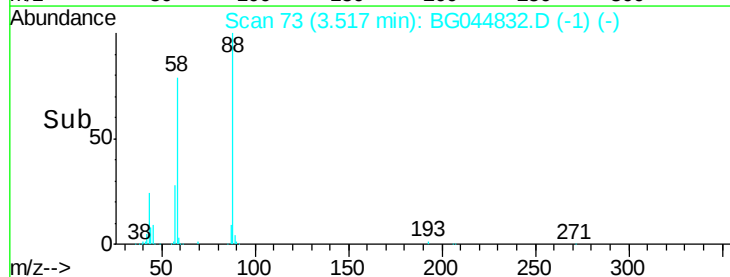
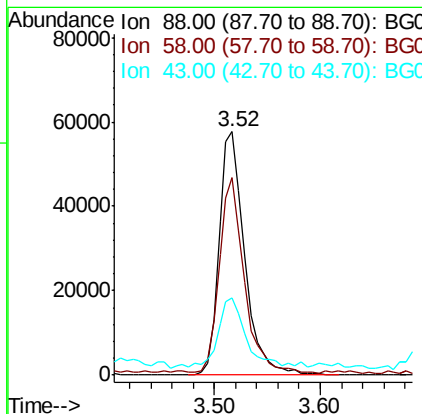
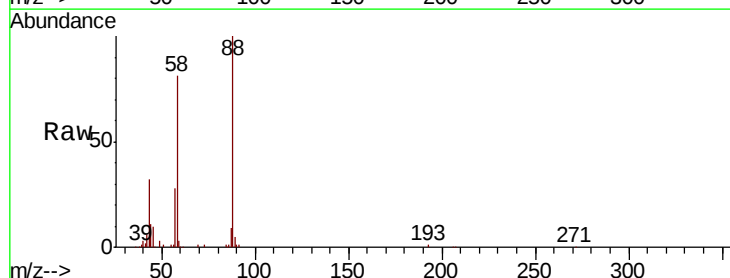
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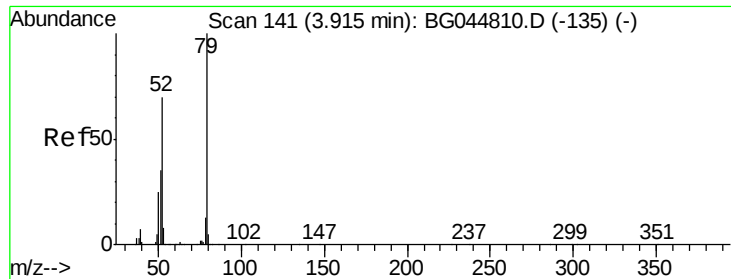


#2

1,4-Dioxane
Concen: 34.417 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	63.0	94.4
43	29.5	24.8	37.2





#3

Pvridine

Concen: 29.817 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

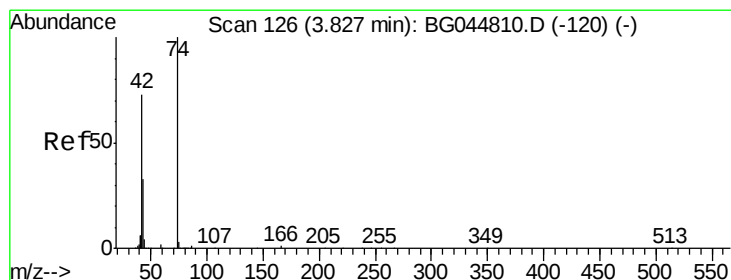
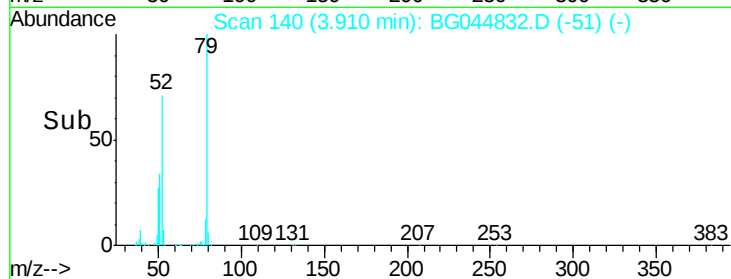
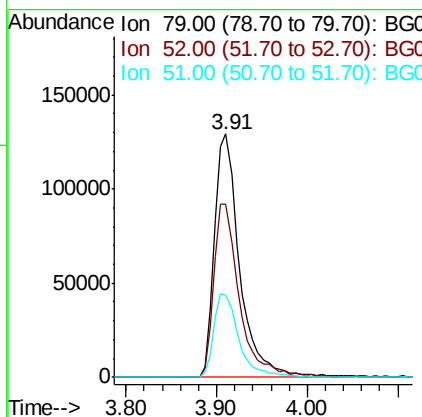
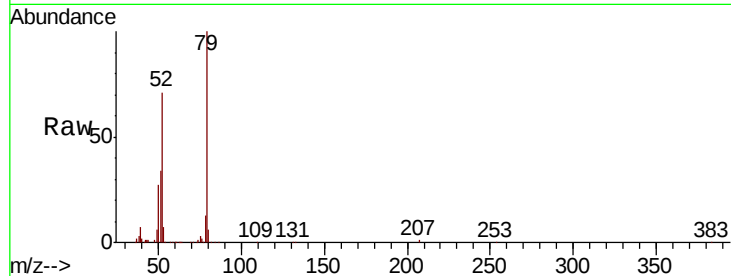
ClientSampleId :

PB127544BS

Tot Ion:	79	Resp:	249226
Ion Ratio	Lower	Upper	
79	100		
52	71.2	56.3	84.5
51	33.8	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 38.647 ng

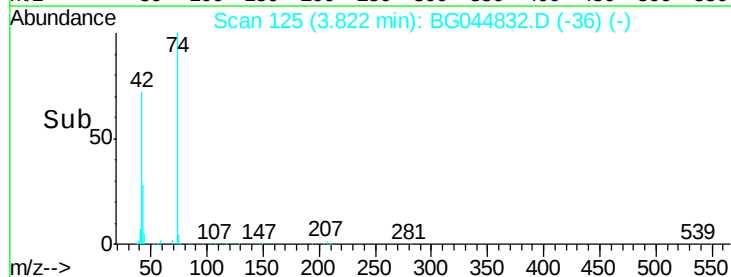
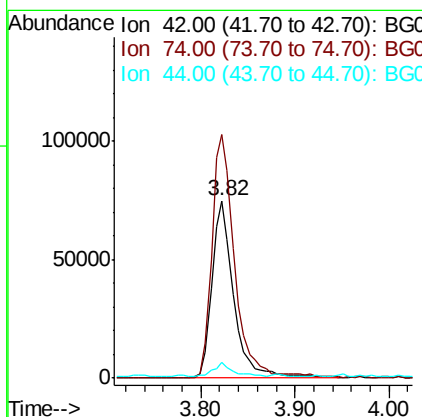
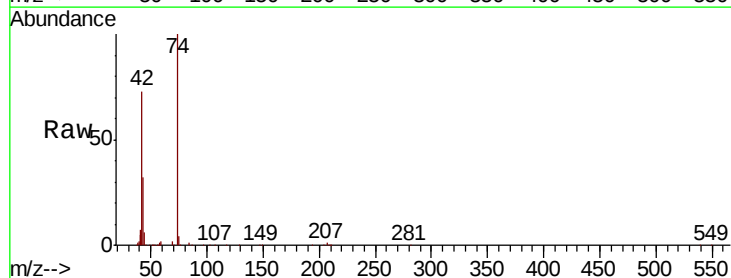
RT: 3.82 min Scan# 125

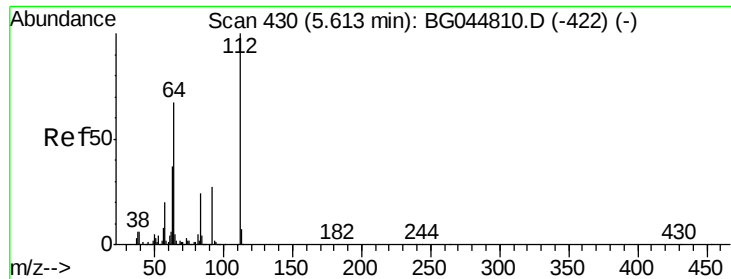
Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	42	Resp:	122565
Ion Ratio	Lower	Upper	
42	100		
74	137.5	109.1	163.7
44	8.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 113.248 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

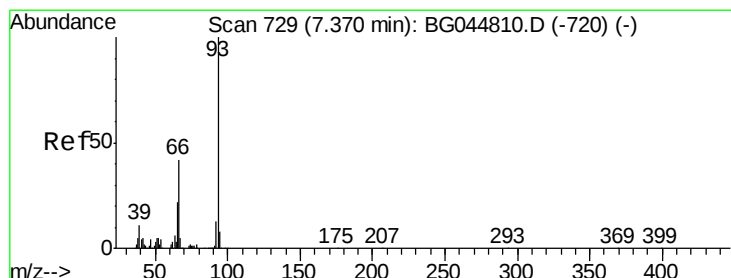
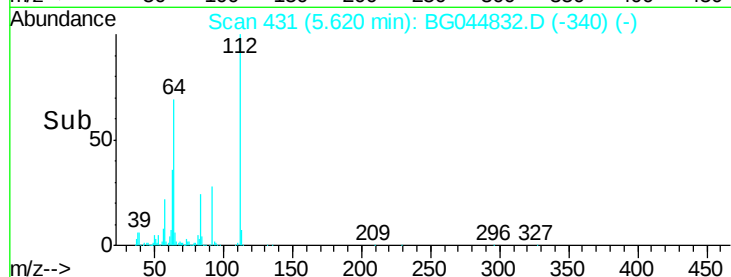
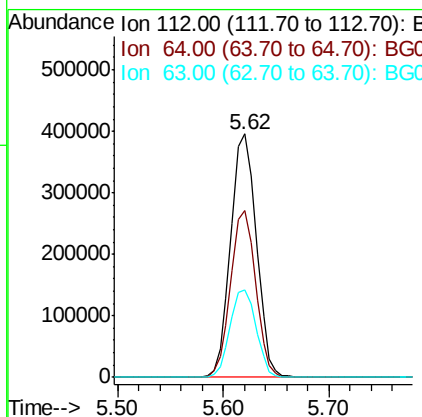
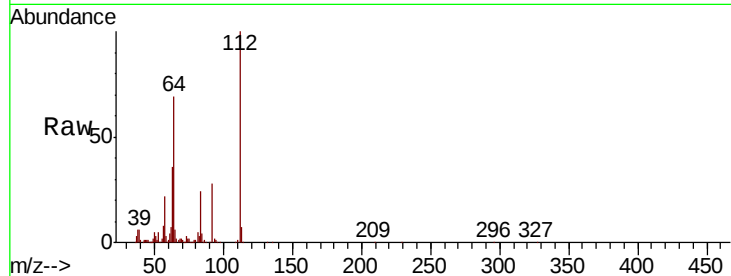
ClientSampleId :

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Tot Ion:	112	Resp:	664012
Ion Ratio	Lower	Upper	
112	100		
64	68.5	53.4	80.2
63	35.7	29.4	44.2

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#6

Aniline

Concen: 30.490 ng

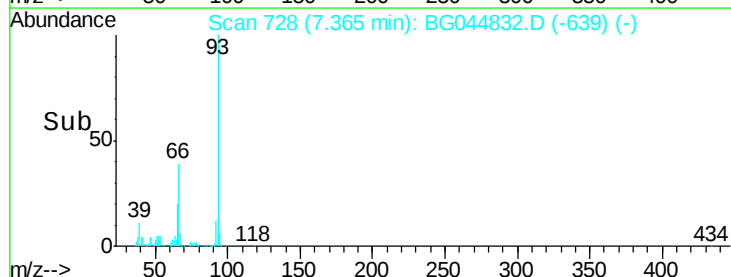
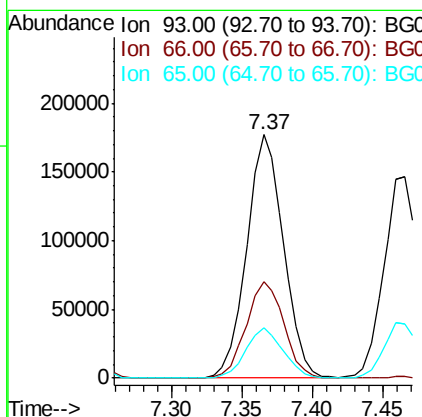
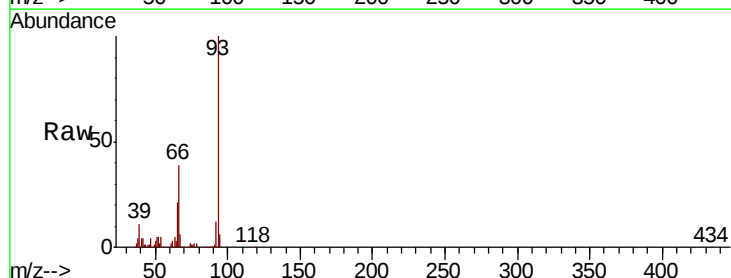
RT: 7.37 min Scan# 728

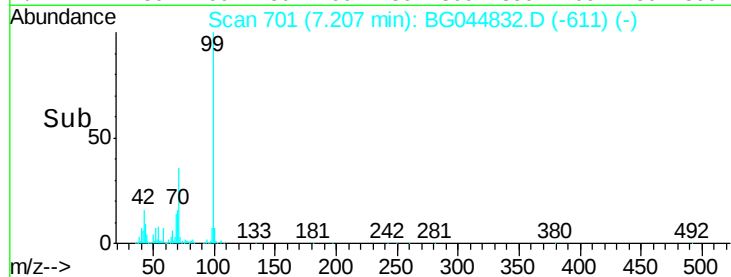
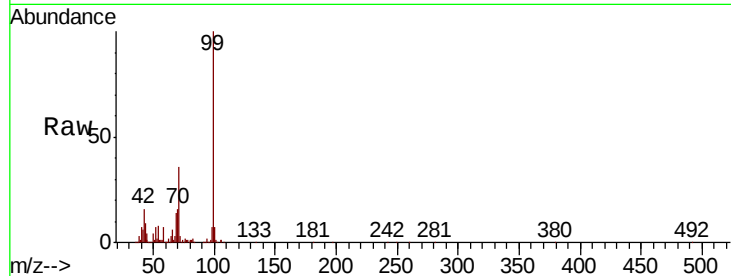
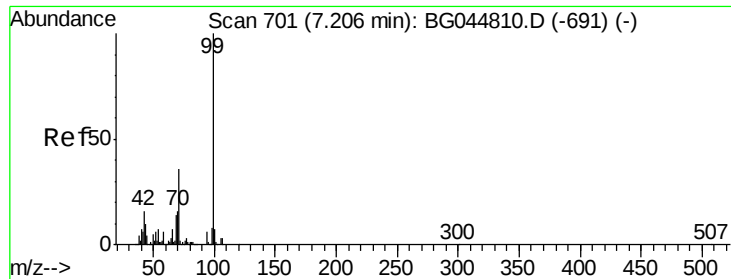
Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	93	Resp:	323204
Ion Ratio	Lower	Upper	
93	100		
66	39.4	33.7	50.5
65	20.6	17.7	26.5





#7

Phenol-d6

Concen: 113.610 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tot Ion:	99	Resp:	967846
Ion Ratio	Lower	Upper	
99	100		
42	16.3	12.6	19.0
71	35.6	29.0	43.4

Instrument :

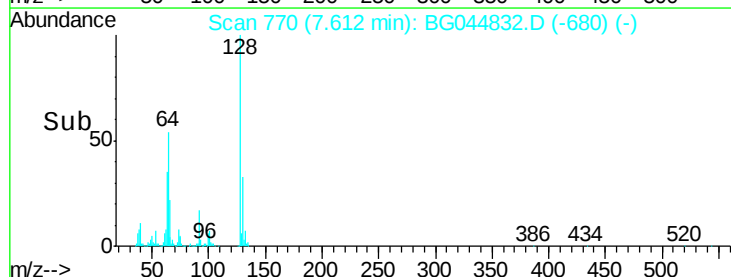
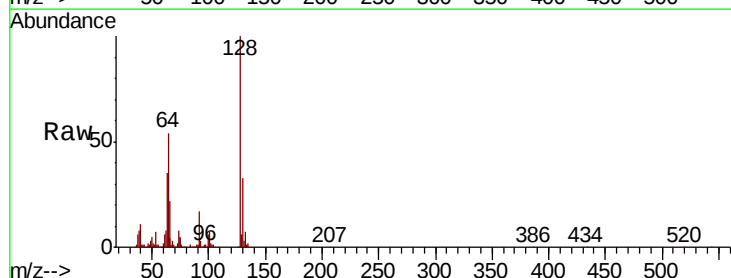
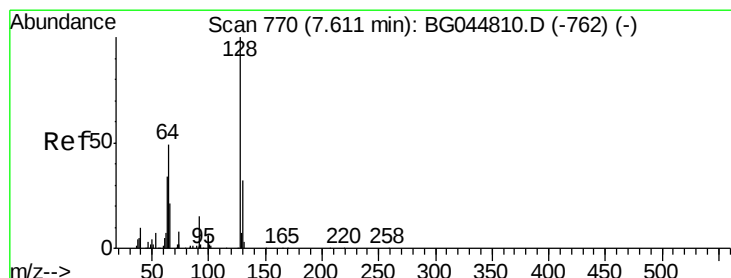
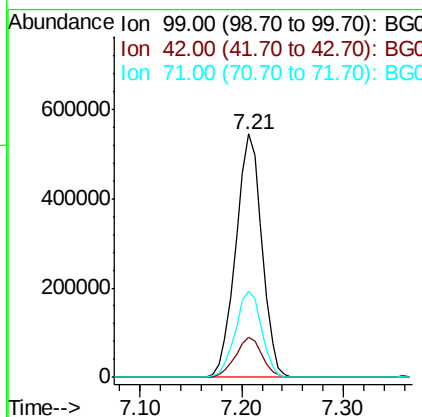
BNA_G

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#8

2-Chlorophenol

Concen: 43.608 ng

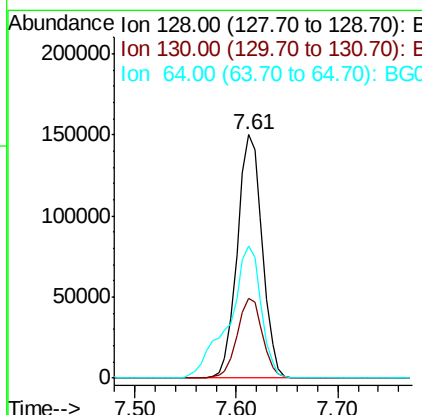
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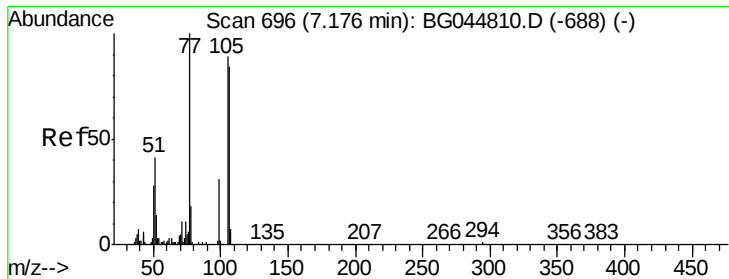
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	128	Resp:	255245
Ion Ratio	Lower	Upper	
128	100		
130	33.0	11.6	51.6
64	54.3	34.5	74.5





#9

Benzaldehyde

Concen: 18.874 ng/mL

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

ClientSampleId :

PB127544BS

Tot Ion: 77 Resp: 116169

Ion Ratio Lower Upper

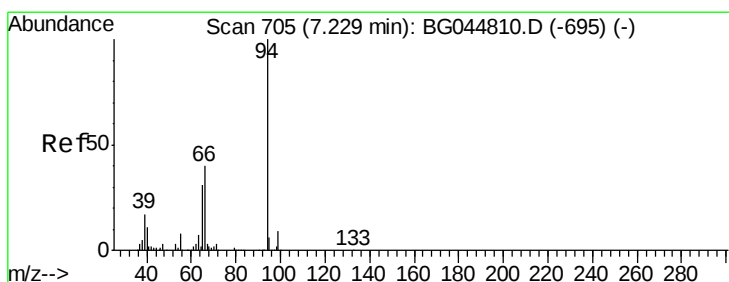
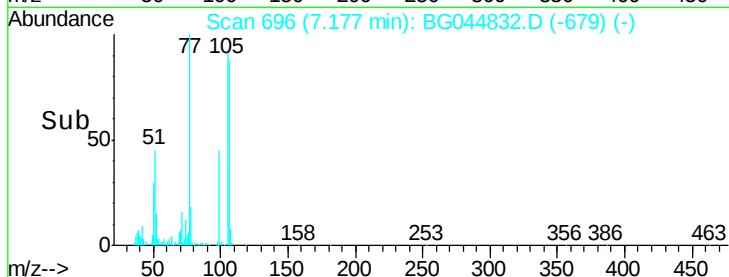
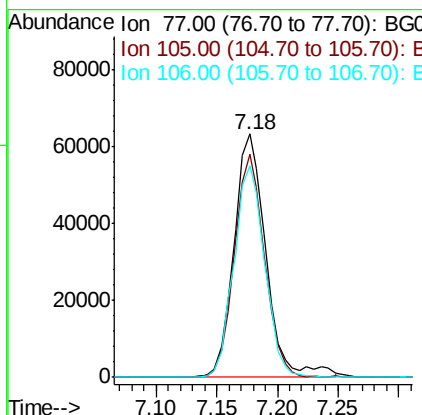
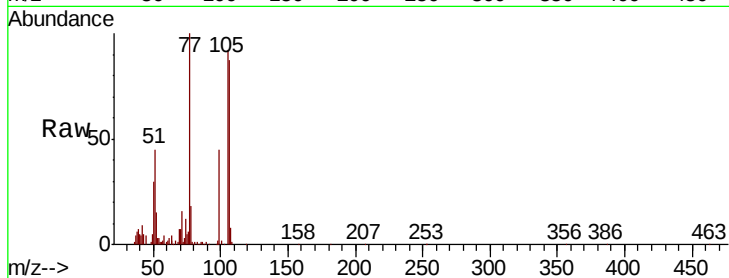
77 100

105 91.7 69.3 109.3

106 86.9 64.5 104.5

Manual Integrations
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#10

Phenol

Concen: 43.126 ng/mL

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

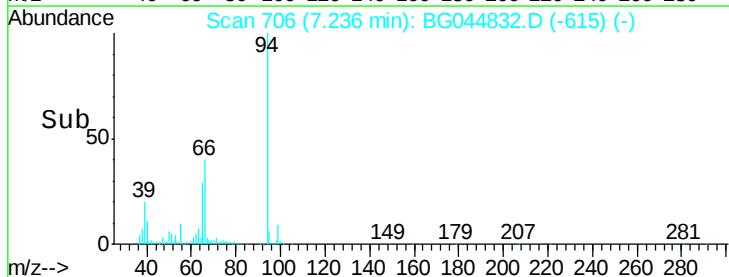
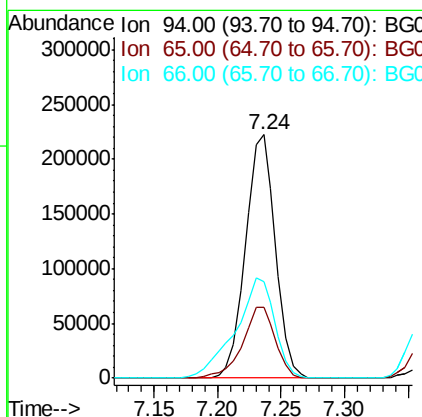
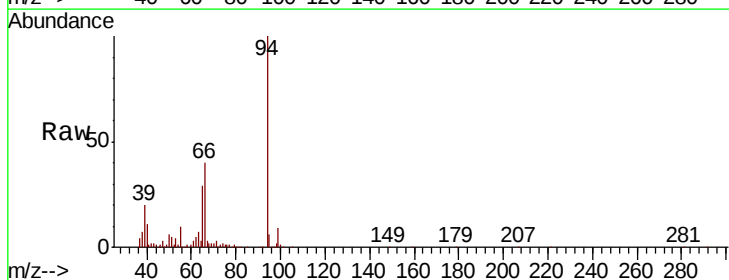
Tgt Ion: 94 Resp: 363724

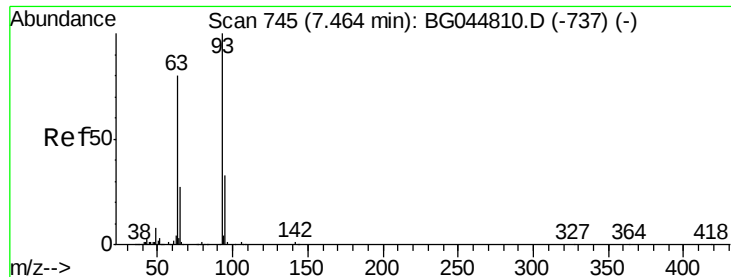
Ion Ratio Lower Upper

94 100

65 29.0 11.0 51.0

66 39.7 20.1 60.1





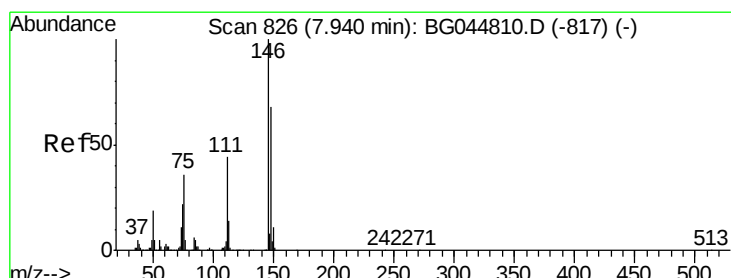
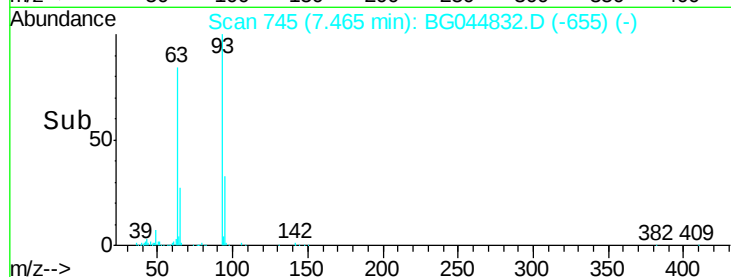
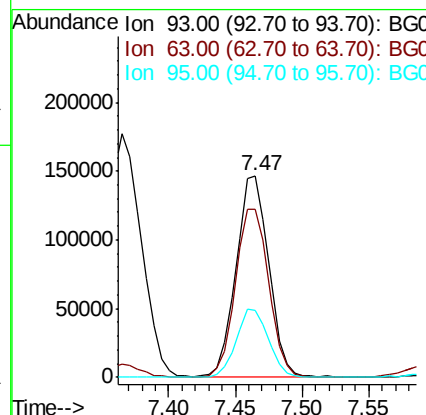
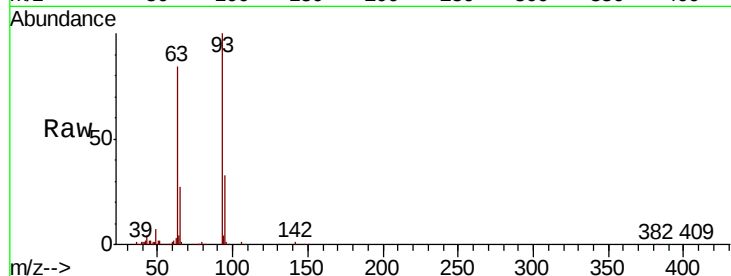
#11
bis(2-Chloroethyl)ether
Concen: 37.025 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		249220		
63	83.5	59.7	99.7		
95	33.1	13.1	53.1		

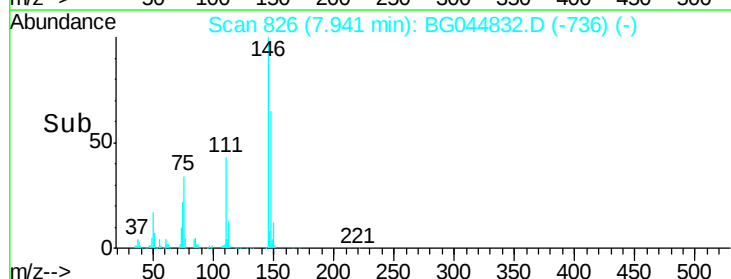
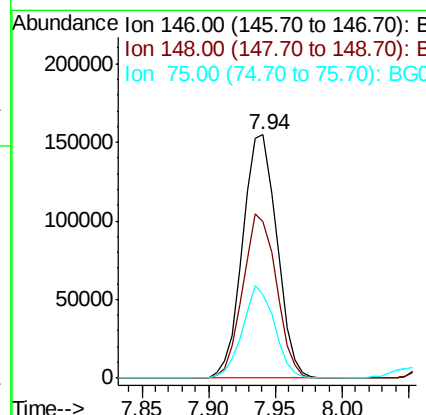
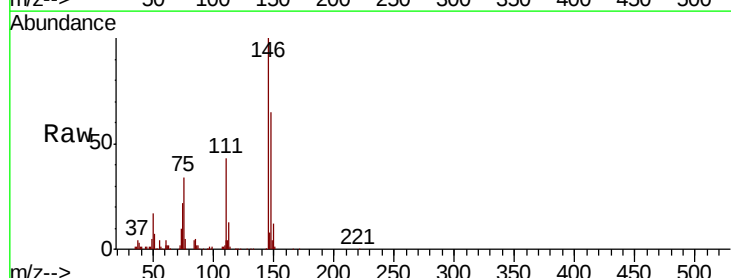
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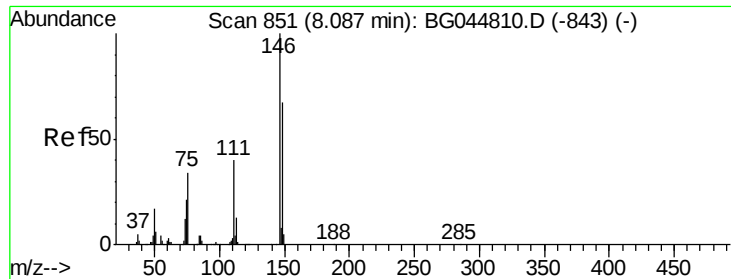
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.123 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		274871		
148	64.6	54.2	81.4		
75	34.4	28.6	42.8		





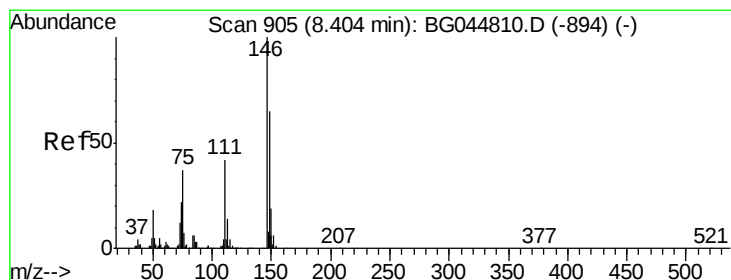
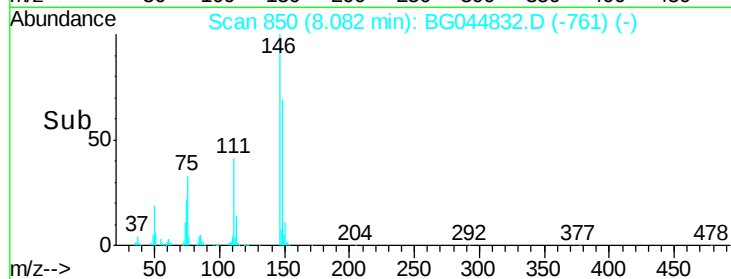
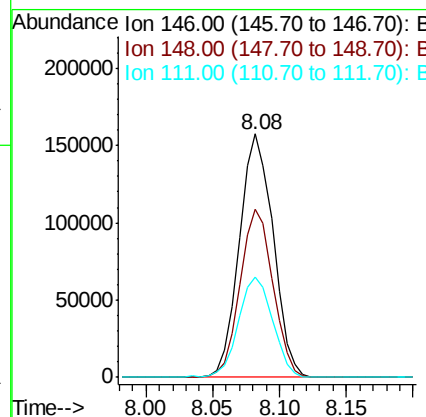
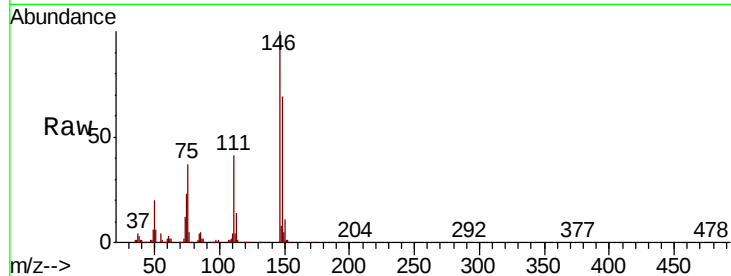
#13
1,4-Dichlorobenzene
Concen: 38.706 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.0	53.8	80.6
111	41.3	32.0	48.0

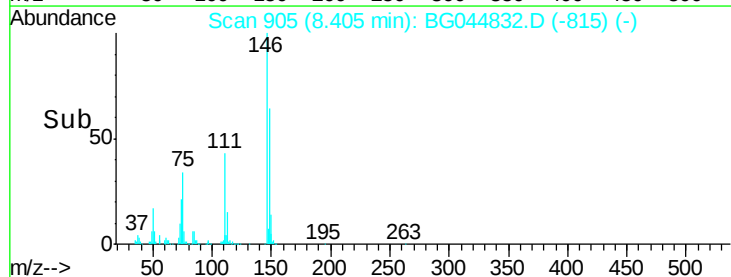
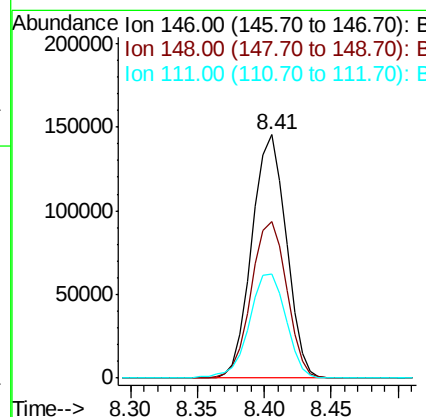
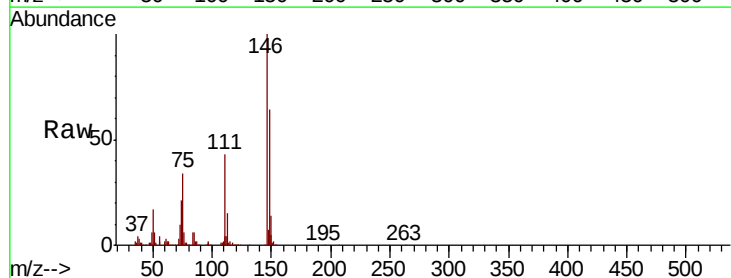
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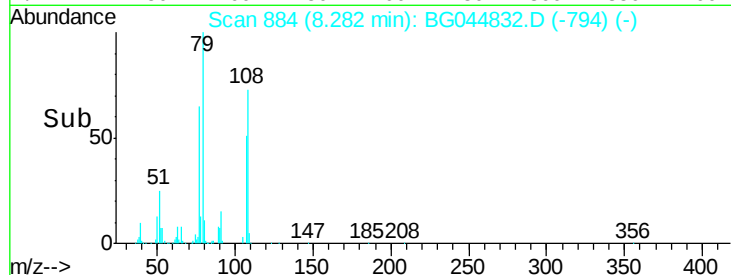
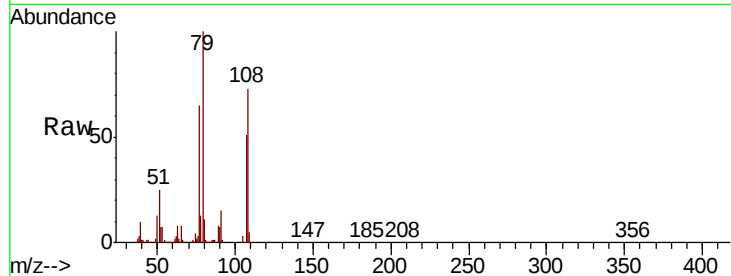
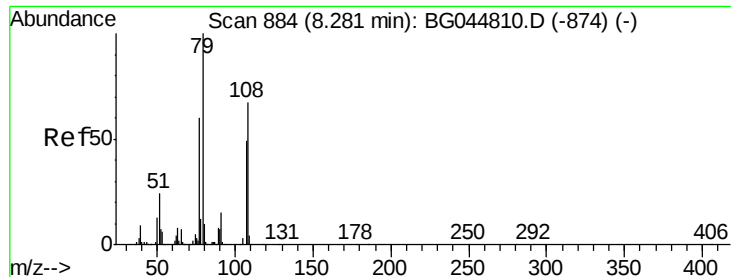
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#14
1,2-Dichlorobenzene
Concen: 38.336 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
111	42.7	33.4	50.2





#15

Benzyl Alcohol

Concen: 40.400 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tot Ion:	79	Resp:	276139
Ion	Ratio	Lower	Upper
79	100		
108	72.7	53.8	80.8
77	64.7	47.8	71.8

Instrument :

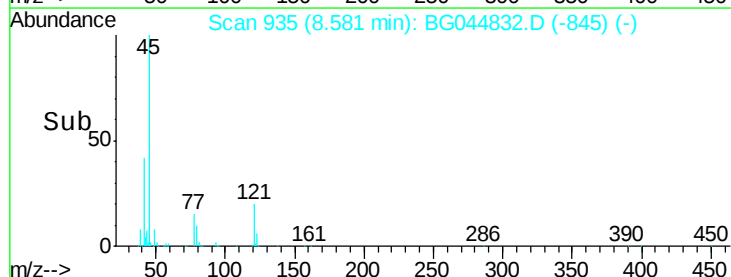
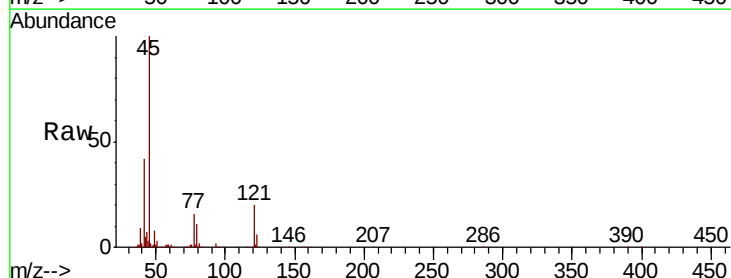
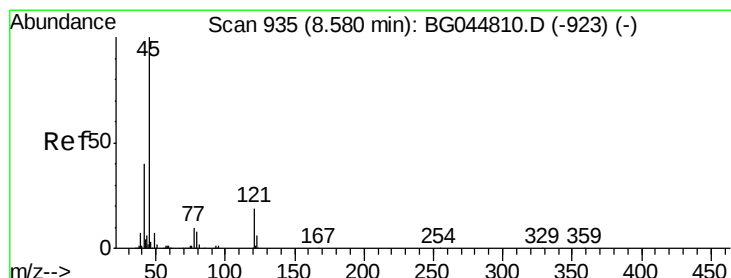
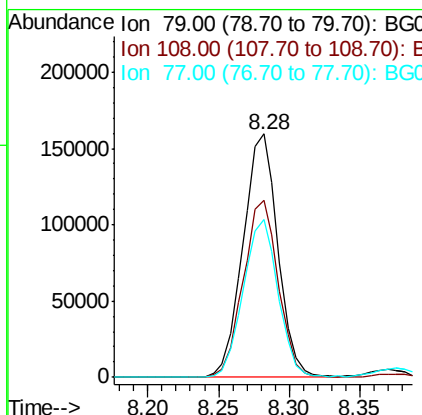
BNA_G

ClientSampleId :

PB127544BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.553 ng

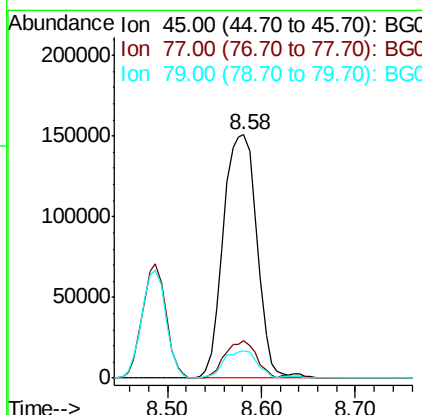
RT: 8.58 min Scan# 935

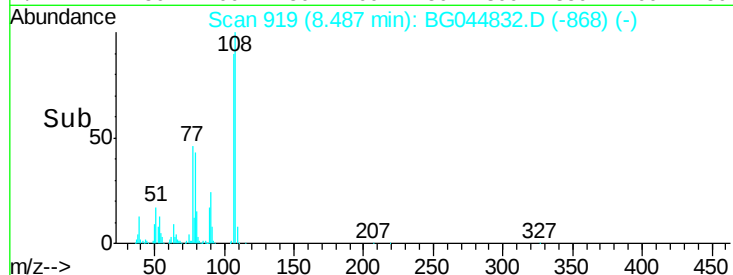
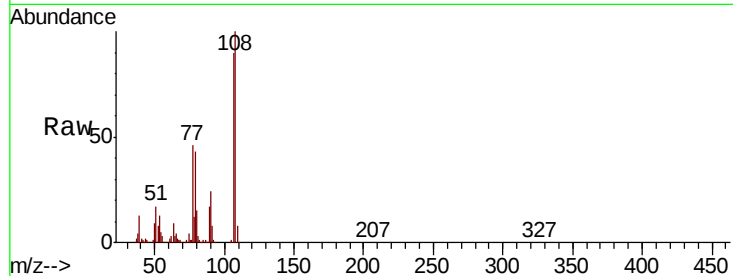
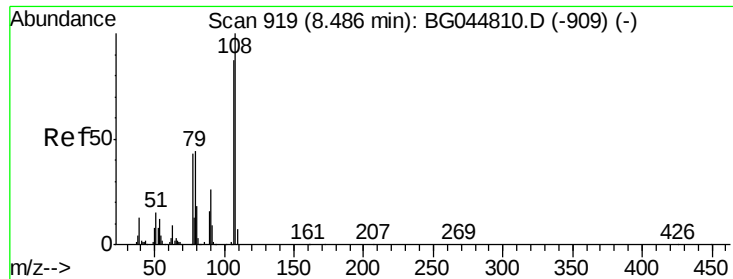
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	45	Resp:	374804
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	33.9
79	11.0	0.0	30.8





#17

2-Methylphenol

Concen: 42.679 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	91.8	137.8	
77	50.9	40.0	60.0	
79	48.0	40.2	60.2	

Instrument :

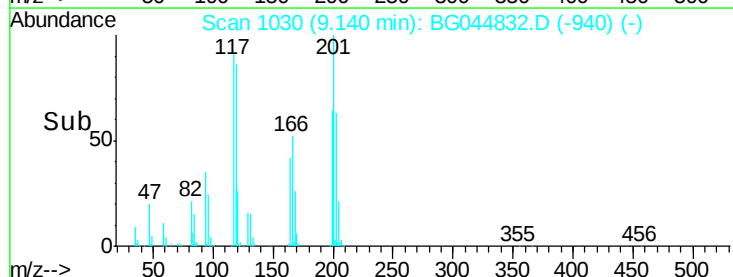
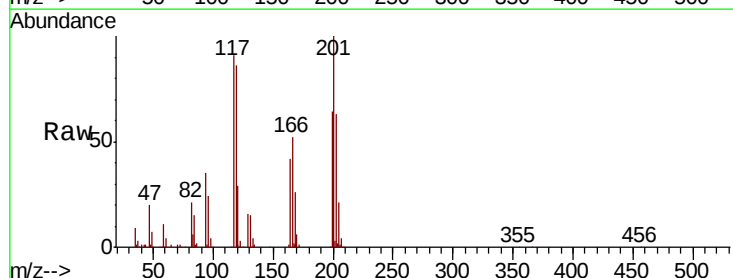
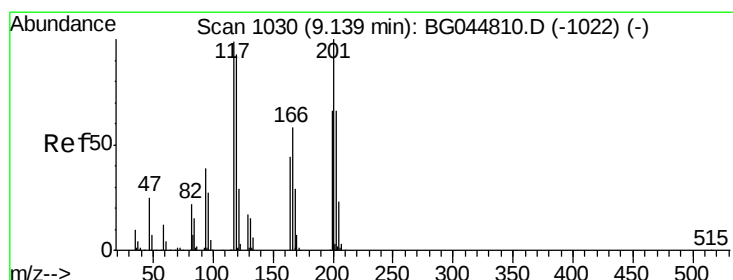
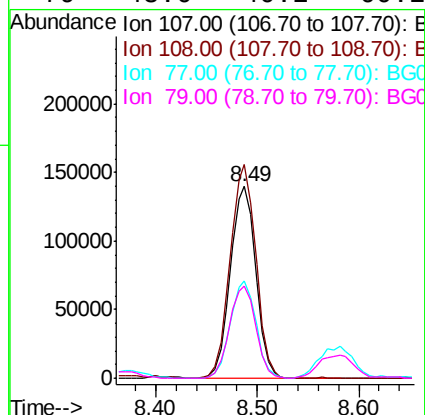
BNA_G

ClientSampleId :

PB127544BS

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#18

Hexachloroethane

Concen: 39.534 ng

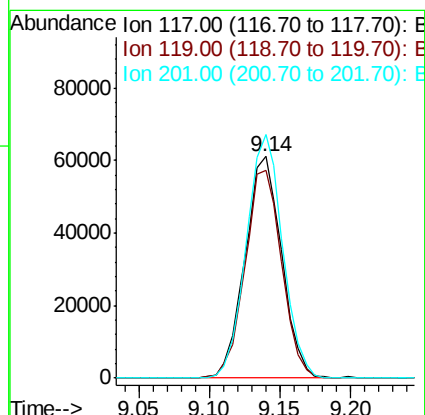
RT: 9.14 min Scan# 1030

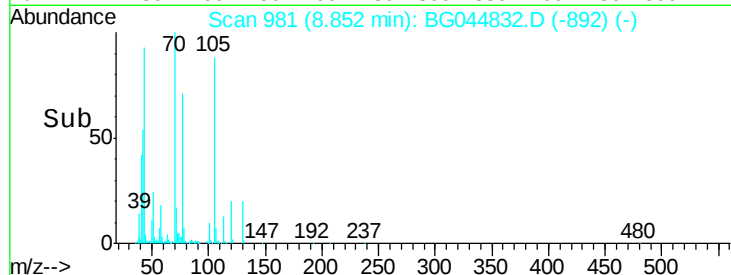
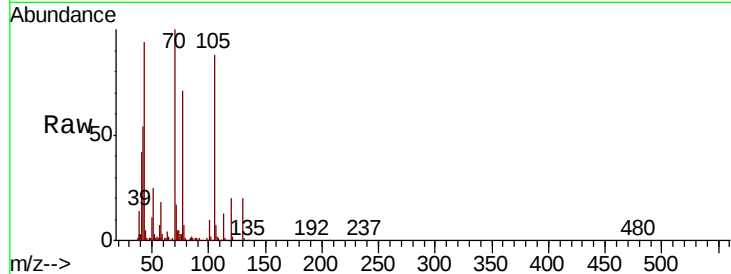
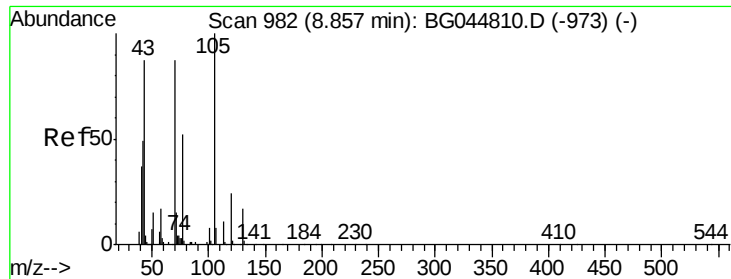
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	75.2	112.8	
201	110.1	81.1	121.7	





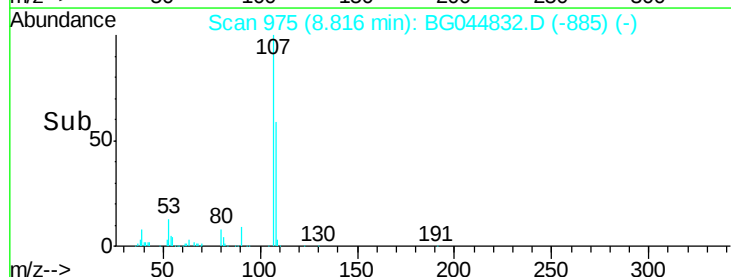
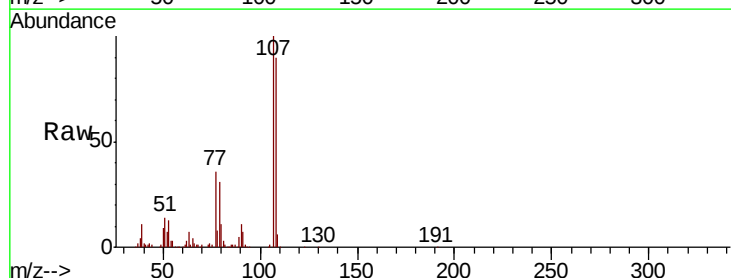
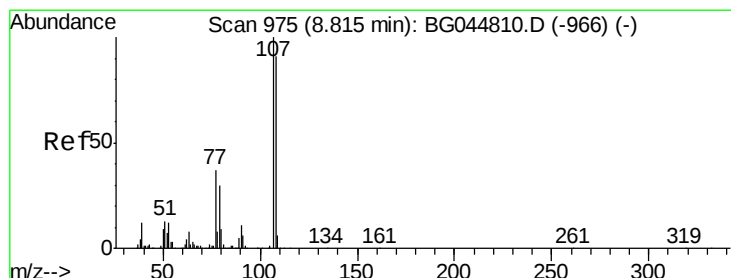
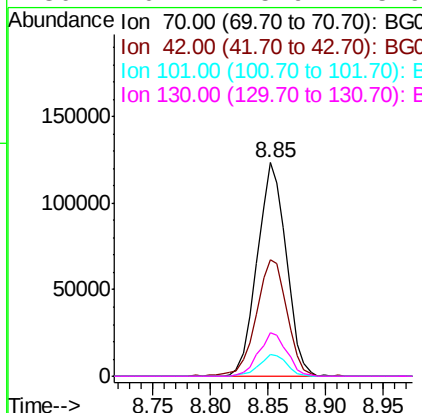
#19
n-Nitroso-di-n-propylamine
Concen: 36.045 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	45.7	68.5
101	10.2	7.4	11.2
130	20.2	15.9	23.9

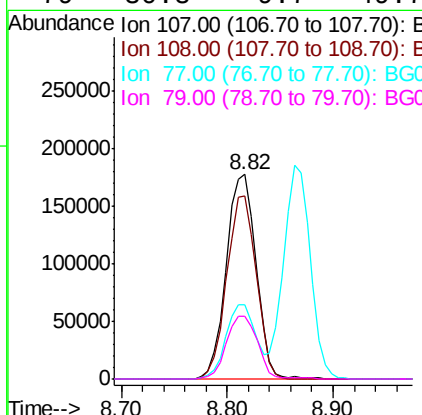
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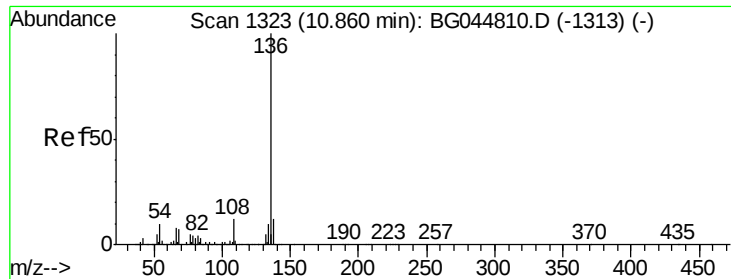
mohammad
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#20
3+4-Methylphenols
Concen: 43.747 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.3	111.3
77	36.5	16.9	56.9
79	30.8	9.7	49.7





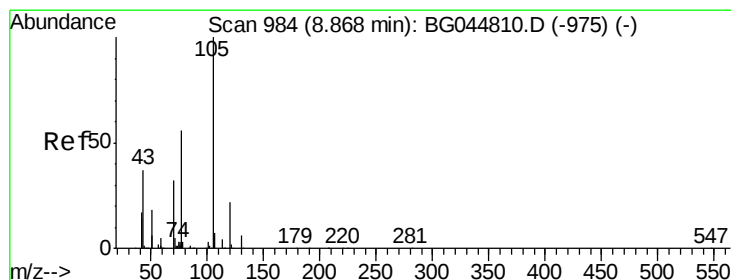
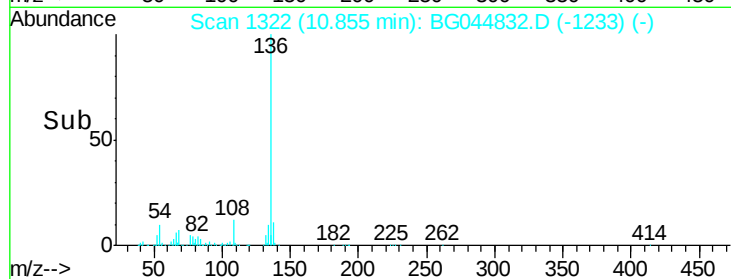
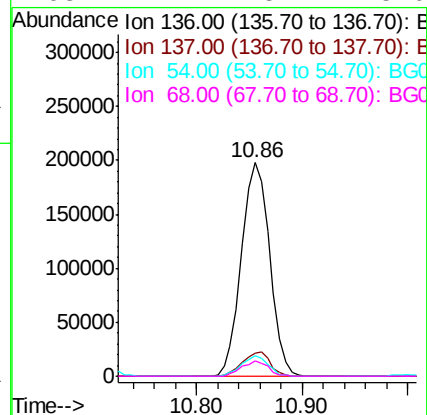
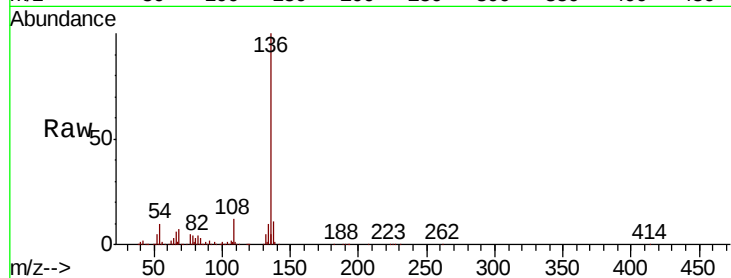
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	366951		
137	10.8		9.8	14.6
54	9.6		7.9	11.9
68	7.1		5.4	8.0

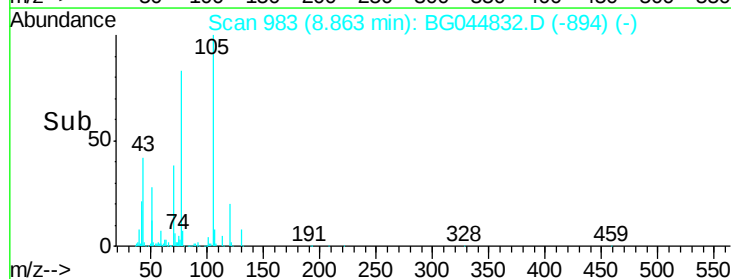
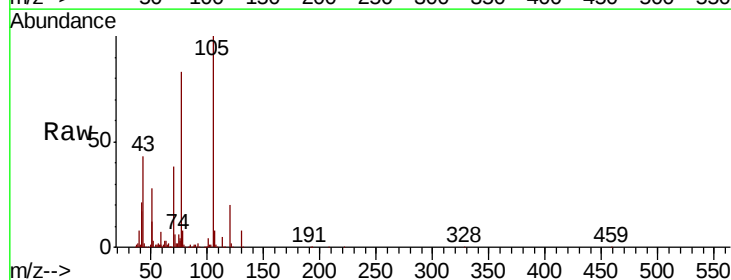
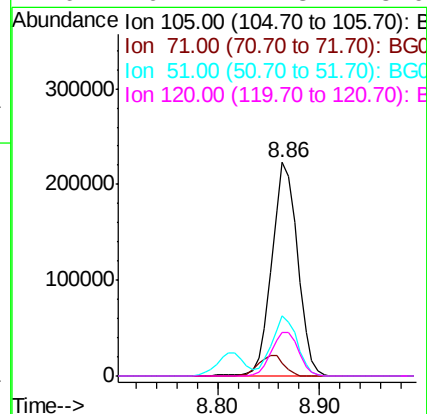
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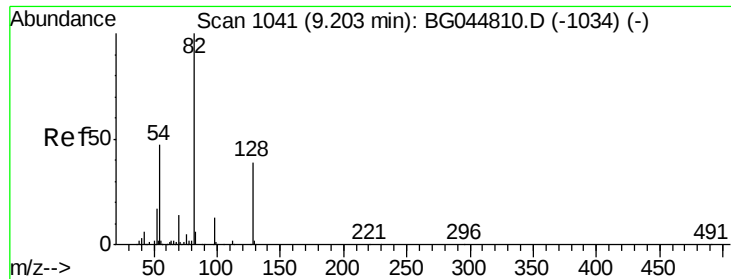
mohammad
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#22
Acetophenone
Concen: 38.117 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	396256		
71	5.9		3.9	5.9#
51	28.4		22.6	33.8
120	20.4		17.3	25.9





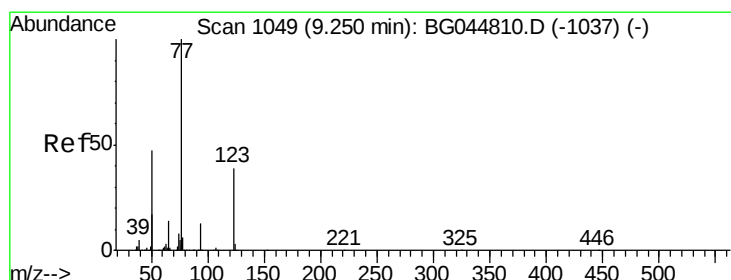
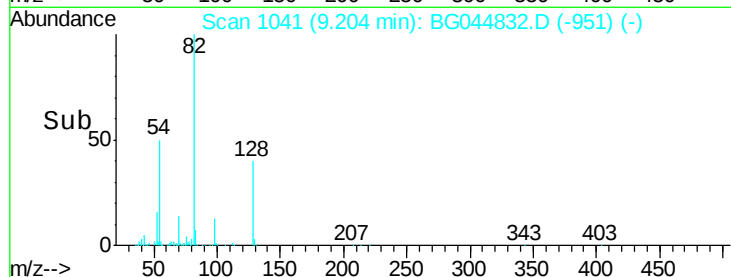
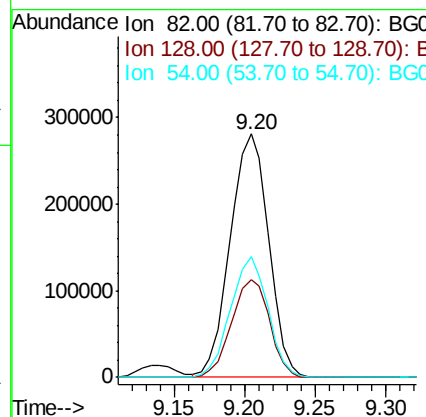
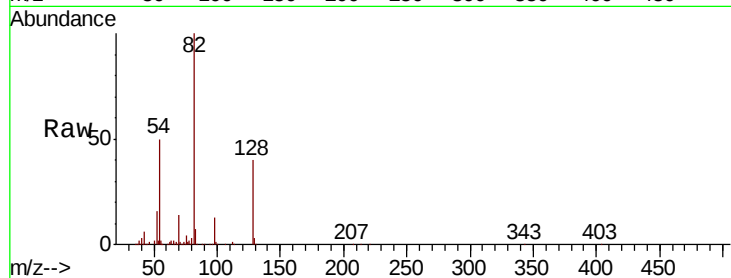
#23
Nitrobenzene-d5
Concen: 63.676 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.6	46.0
54	49.8	37.1	55.7

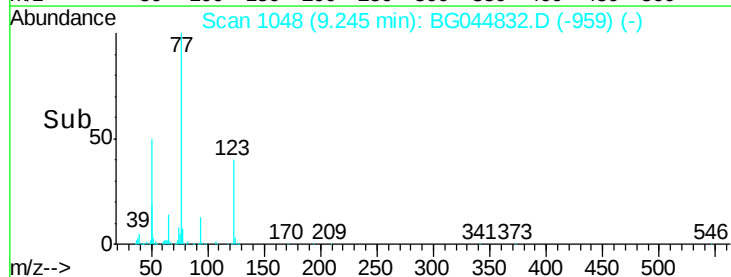
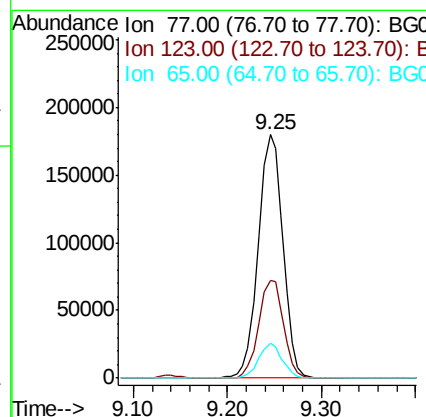
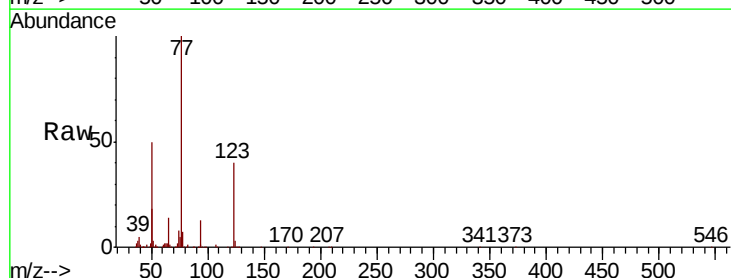
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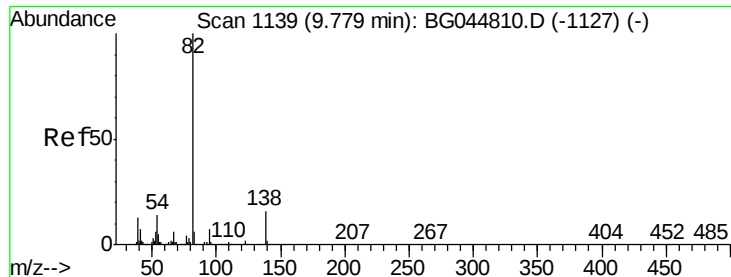
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#24
Nitrobenzene
Concen: 37.753 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	31.3	46.9
65	14.3	11.4	17.0





#25

Isophorone

Concen: 38.644 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

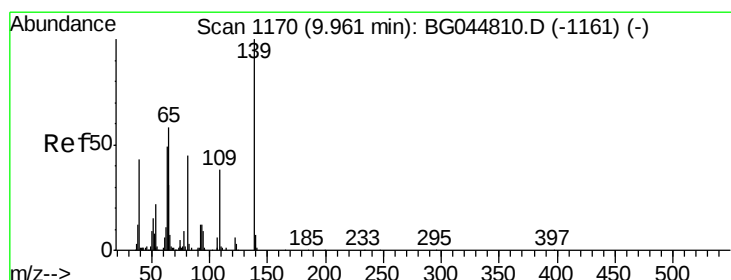
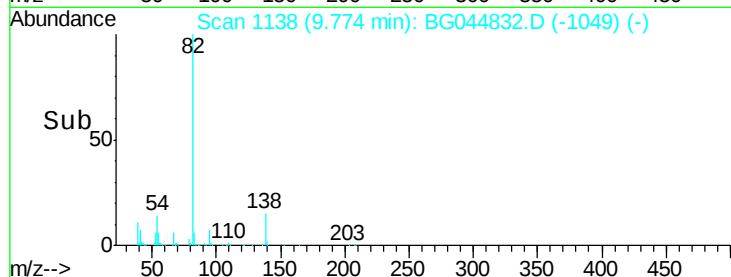
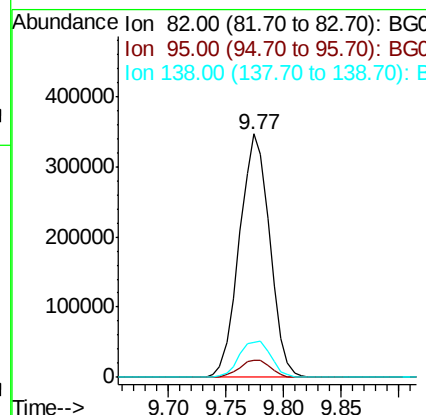
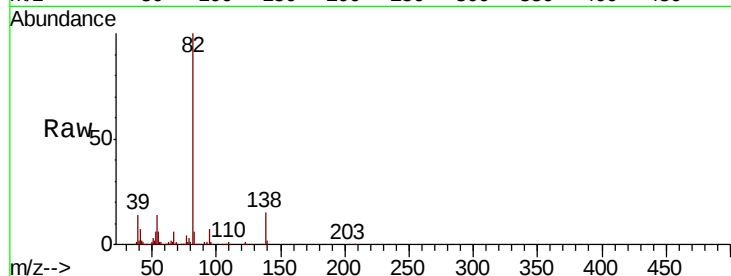
ClientSampleId :

PB127544BS

Tot Ion:	82	Resp:	630697
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	14.6	12.5	18.7

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#26

2-Nitrophenol

Concen: 48.324 ng

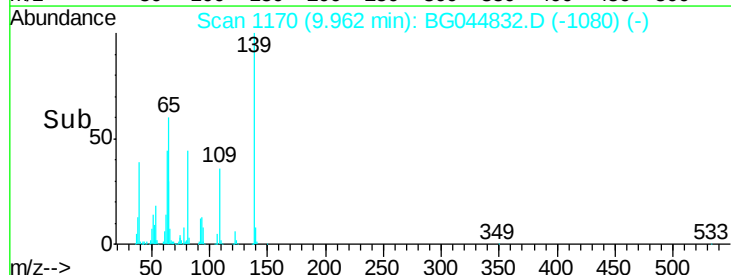
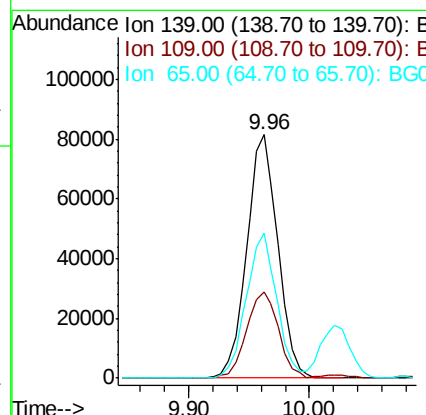
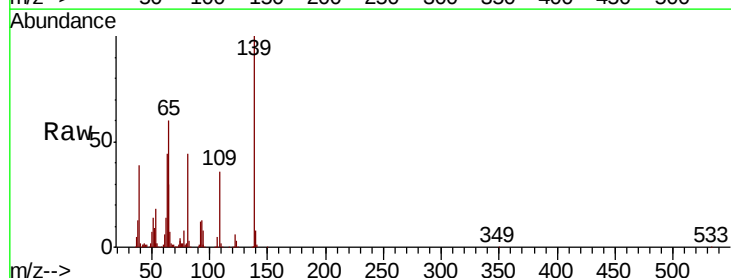
RT: 9.96 min Scan# 1170

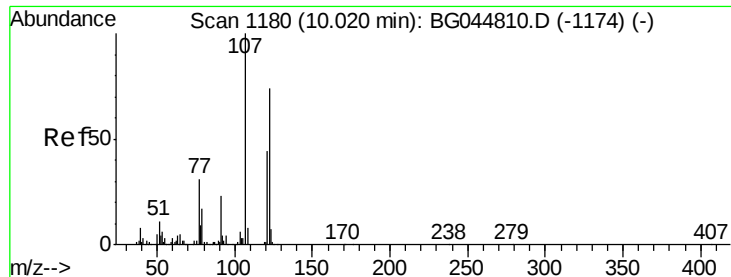
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	139	Resp:	145695
Ion Ratio	Lower	Upper	
139	100		
109	35.6	30.2	45.4
65	59.7	46.3	69.5





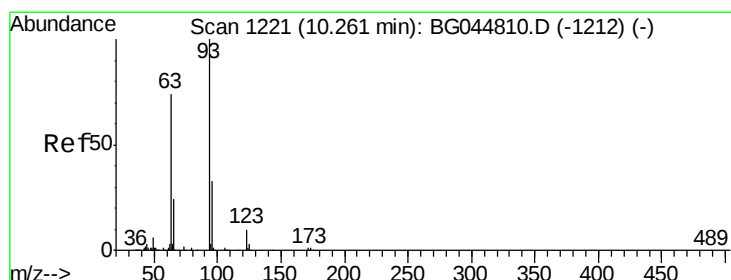
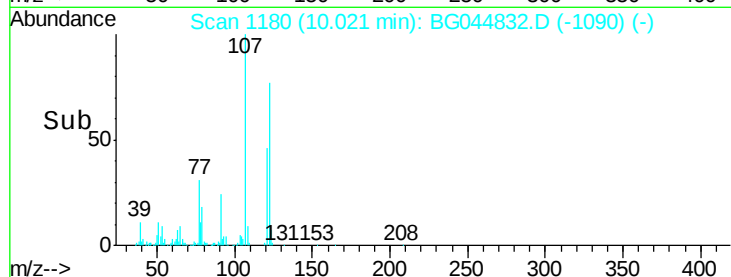
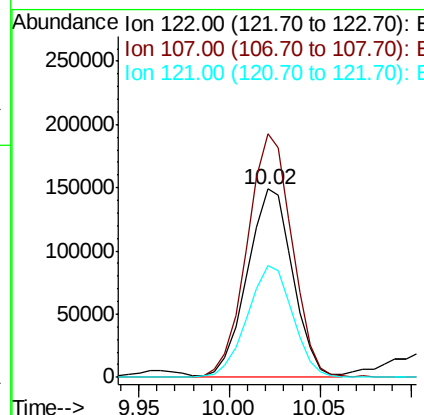
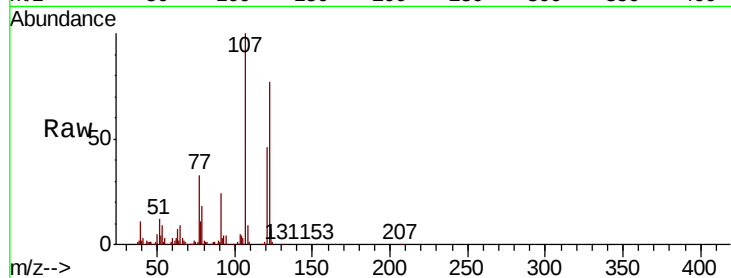
#27
2,4-Dimethylphenol
Concen: 48.571 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	129.3	107.1	160.7	
121	59.5	46.8	70.2	

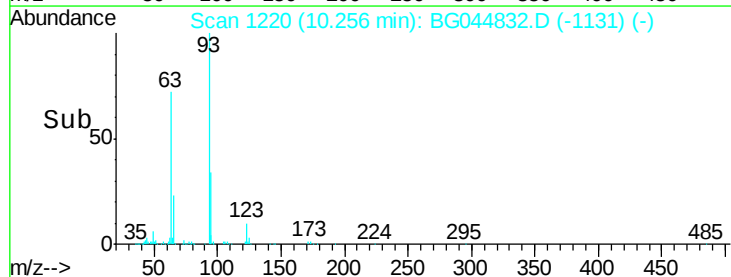
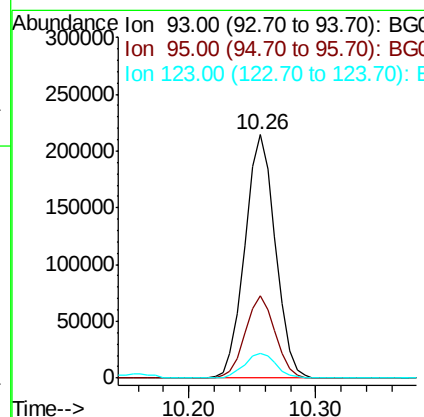
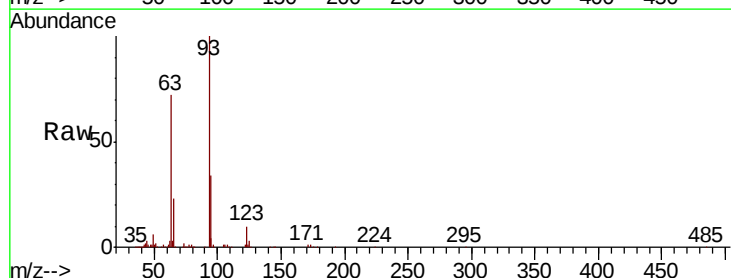
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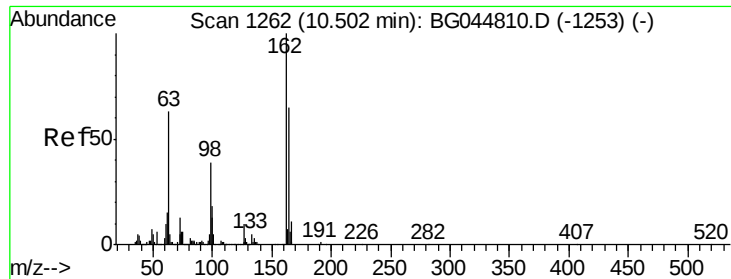
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#28
bis(2-Chloroethoxy)methane
Concen: 36.674 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.7	26.4	39.6	
123	10.4	8.4	12.6	





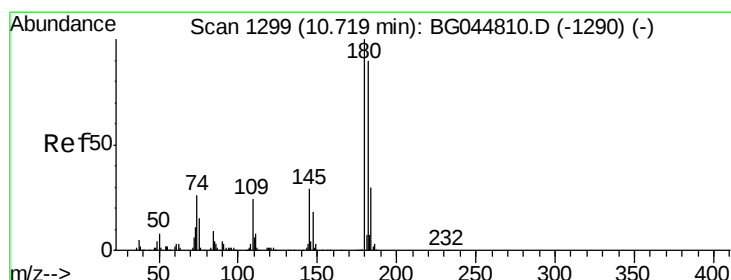
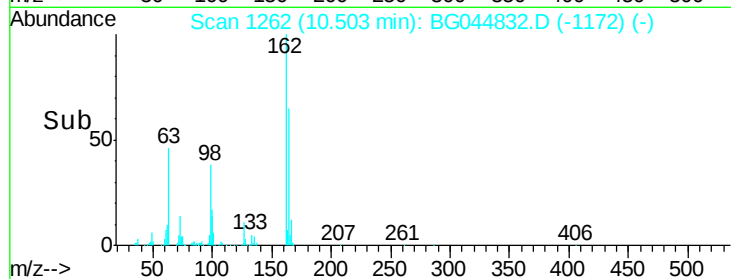
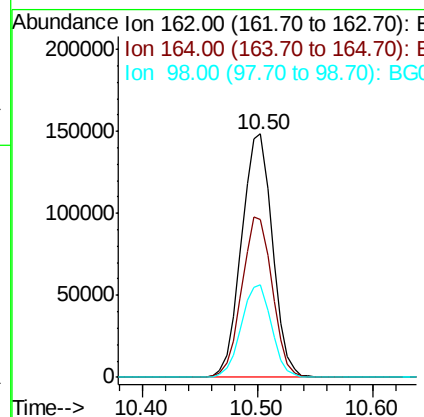
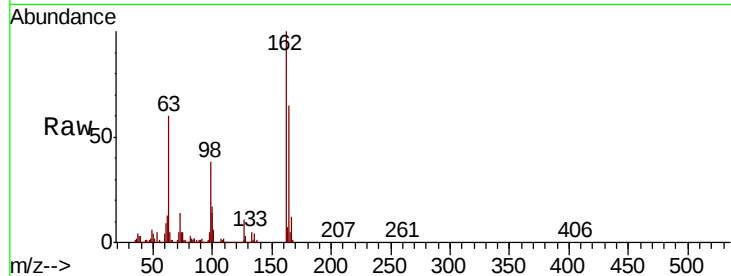
#29
 2,4-Dichlorophenol
 Concen: 44.368 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.2	85.2
98	37.9	19.0	59.0

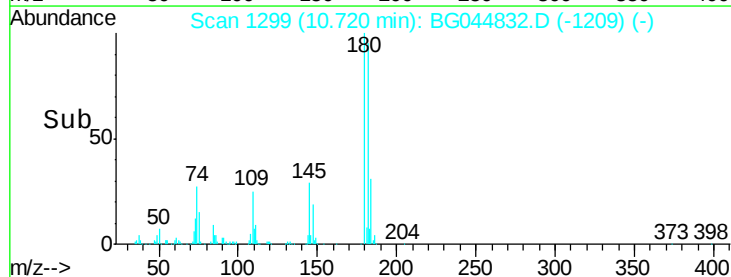
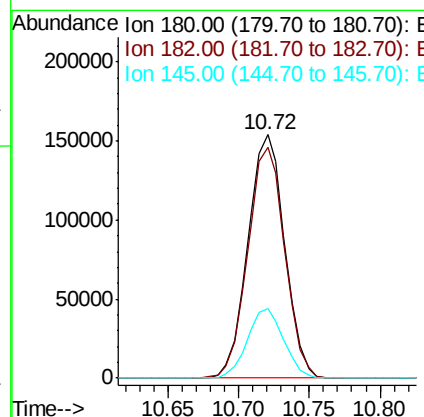
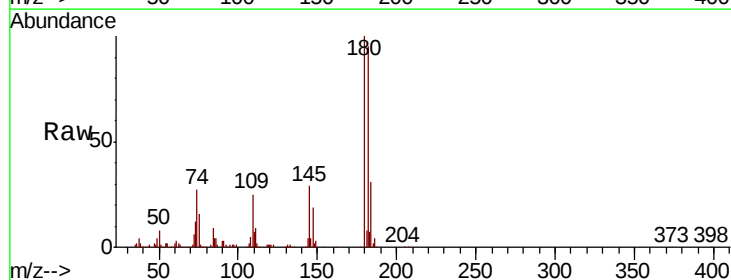
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.725 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	71.6	107.4
145	28.6	23.4	35.0





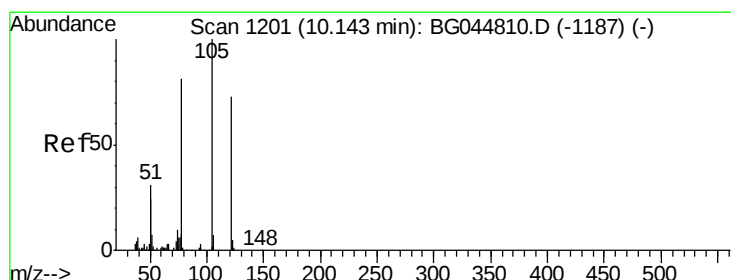
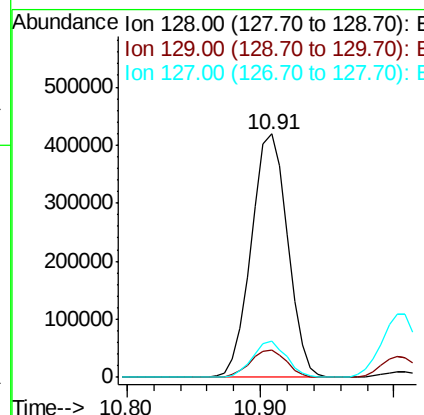
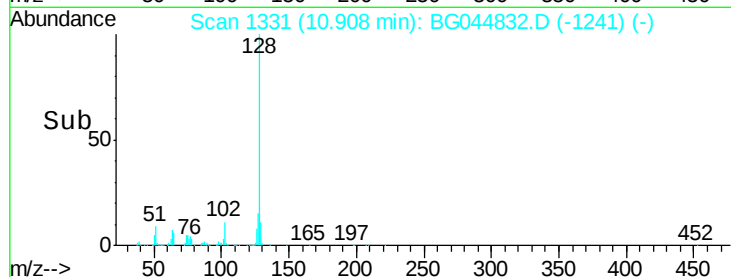
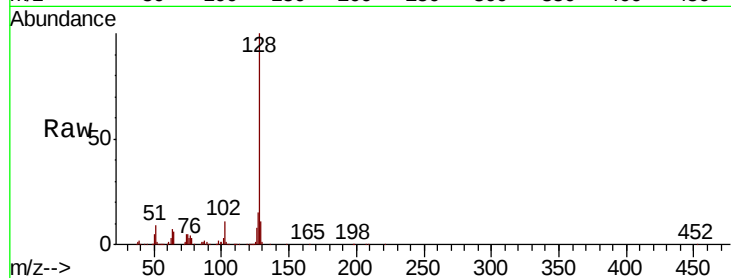
#31
Naphthalene
Concen: 38.729 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	787250		
129	11.3		9.0	13.4
127	14.8		10.8	16.2

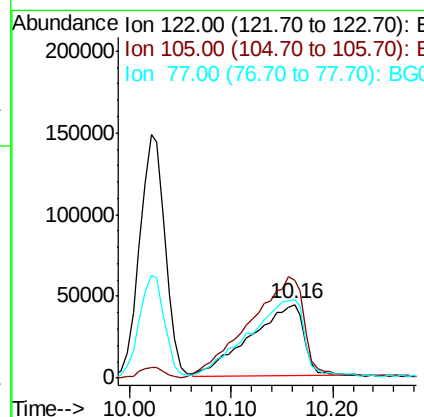
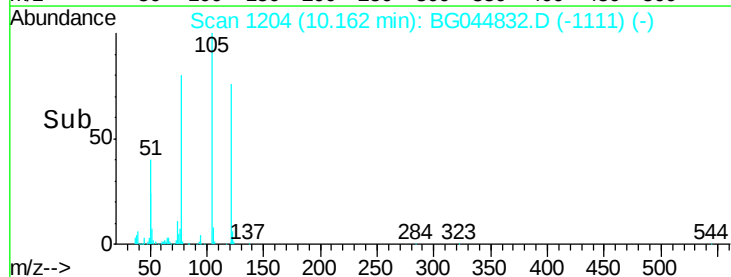
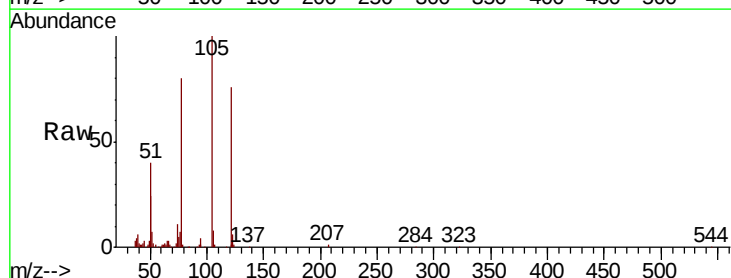
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#32
Benzoic acid
Concen: 41.075 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	162834		
105	131.9		109.1	149.1
77	105.7		85.3	125.3





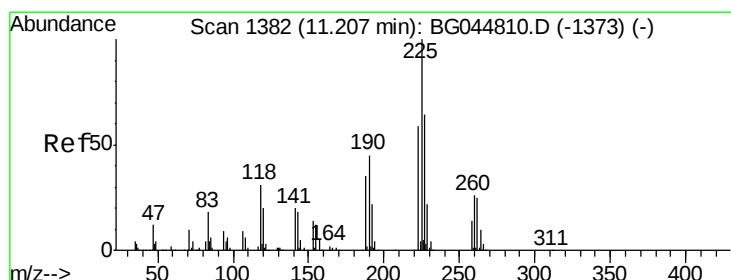
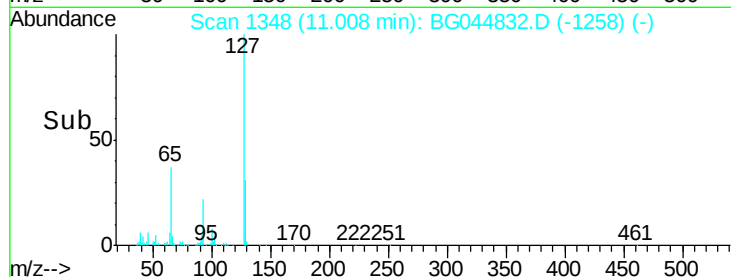
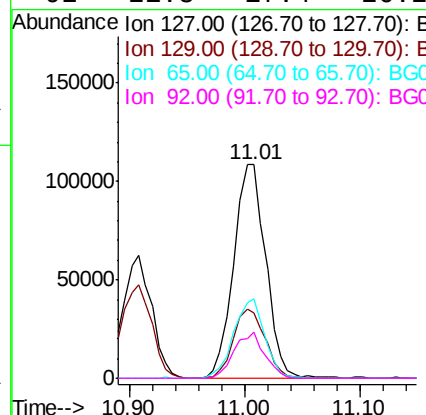
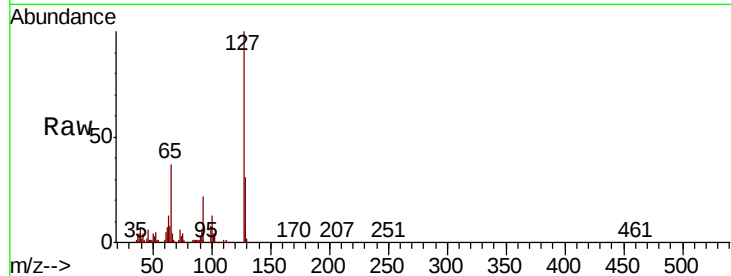
#33
4-Chloroaniline
Concen: 22.825 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.9	40.3
65	37.2	27.7	41.5
92	21.8	17.4	26.2

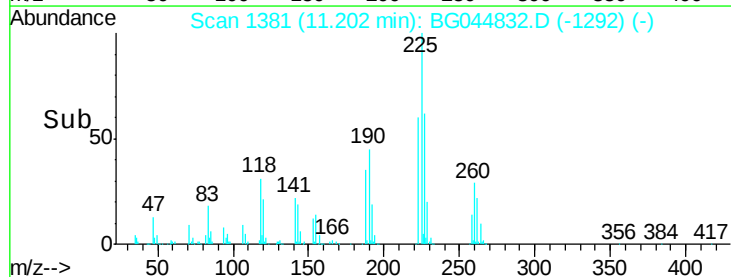
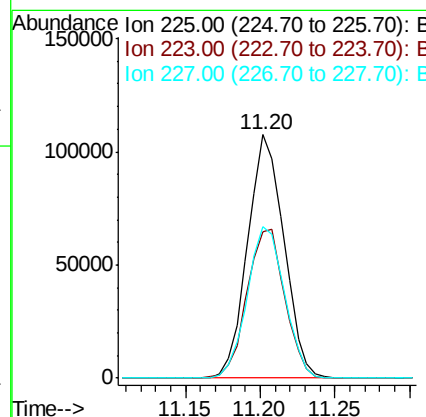
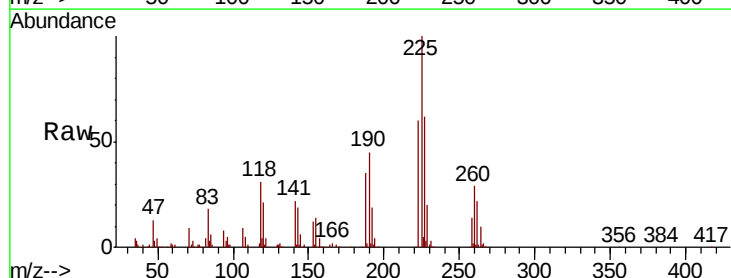
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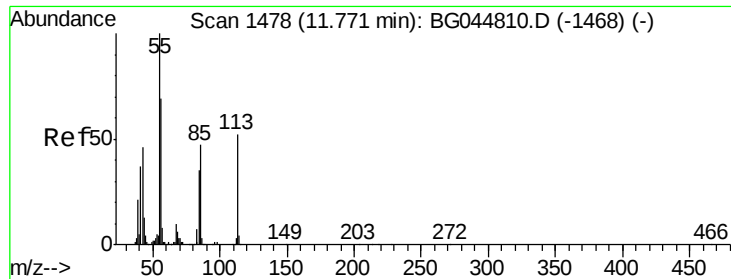
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#34
Hexachlorobutadiene
Concen: 37.073 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	47.4	71.0
227	62.4	50.8	76.2





#35

Caprolactam

Concen: 47.037 ng/ml

RT: 11.77 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

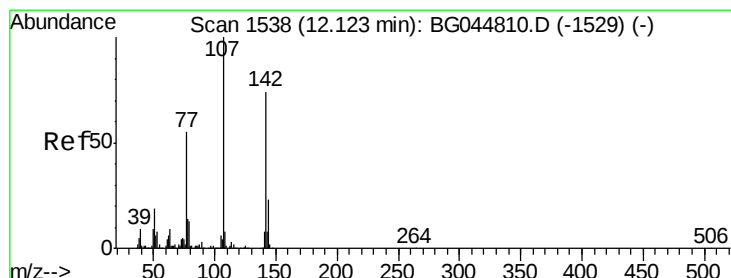
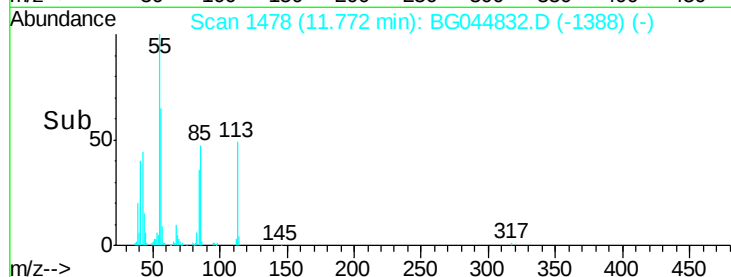
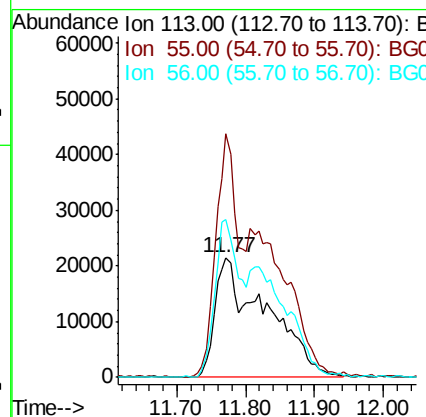
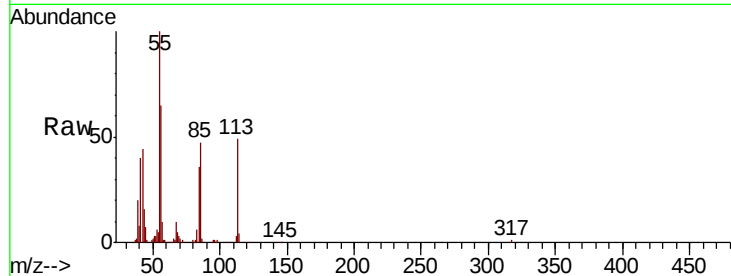
ClientSampleId :

PB127544BS

Tot Ion:	113	Resp:	110556
Ion	Ratio	Lower	Upper
113	100		
55	203.5	173.8	213.8
56	131.6	113.8	153.8

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#36

4-Chloro-3-methylphenol

Concen: 43.757 ng/ml

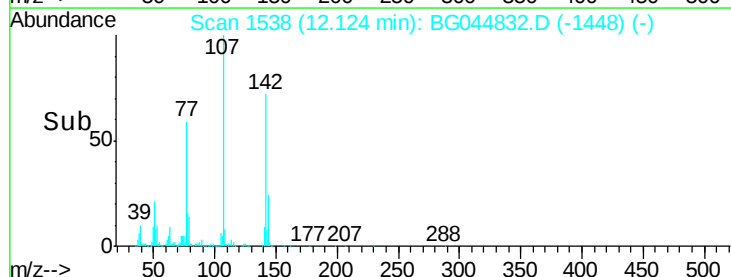
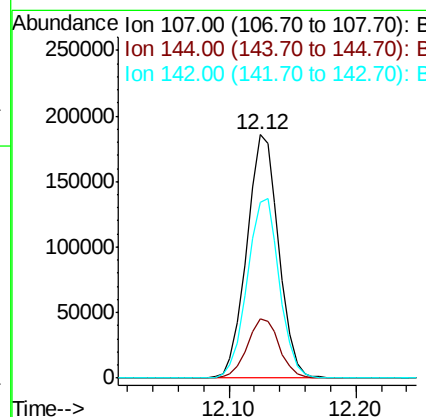
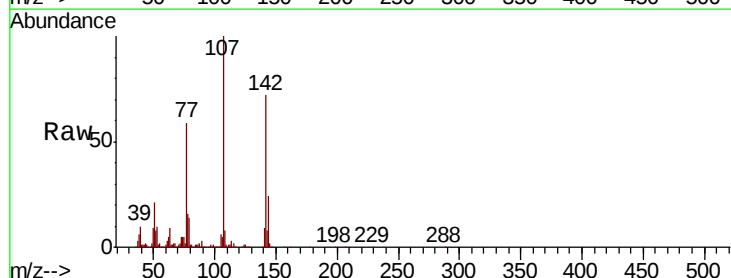
RT: 12.12 min Scan# 1538

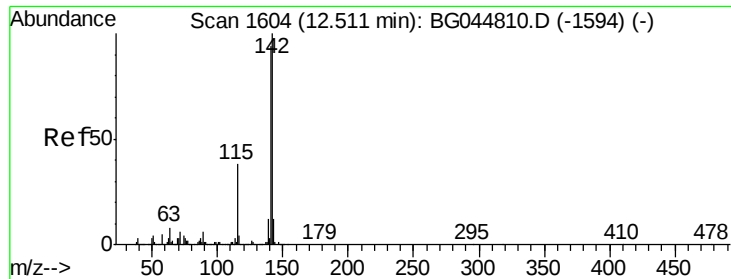
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	107	Resp:	323970
Ion	Ratio	Lower	Upper
107	100		
144	24.2	18.0	27.0
142	72.3	59.0	88.4





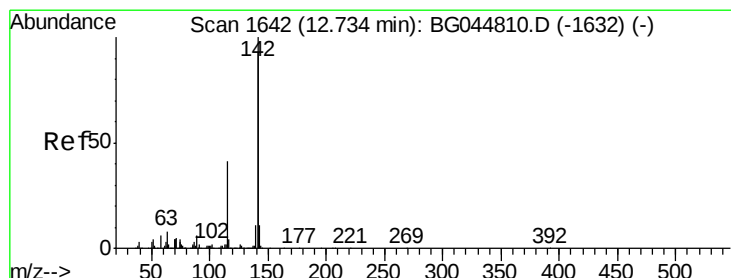
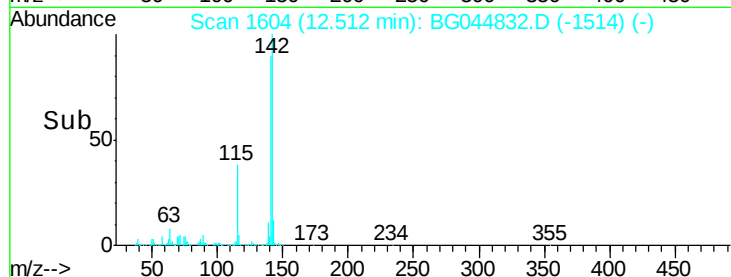
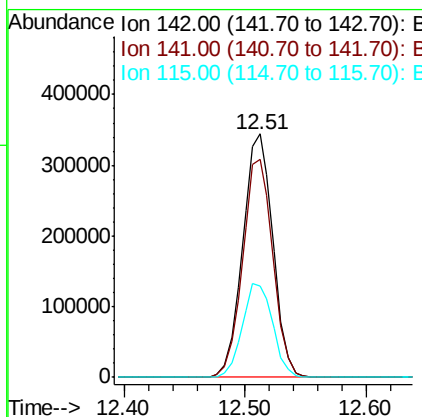
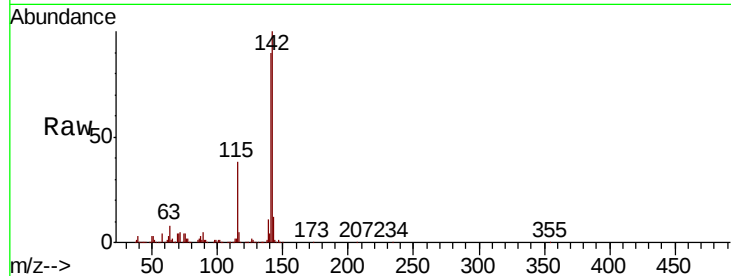
#37
2-Methylnaphthalene
Concen: 39.248 ng
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	75.1	112.7
115	37.6	30.6	46.0

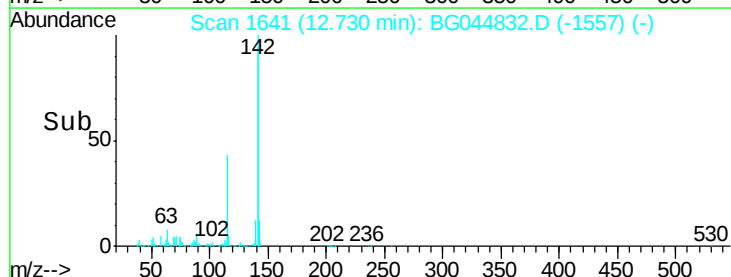
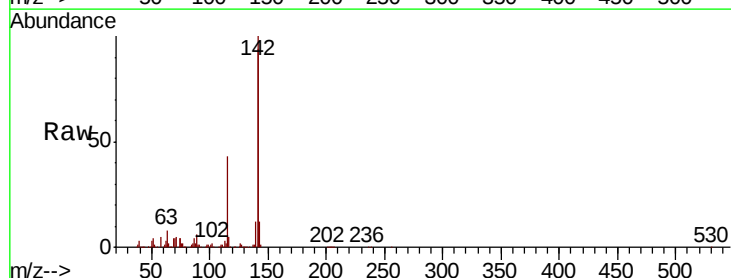
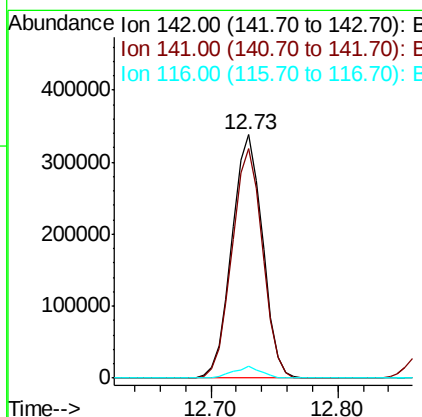
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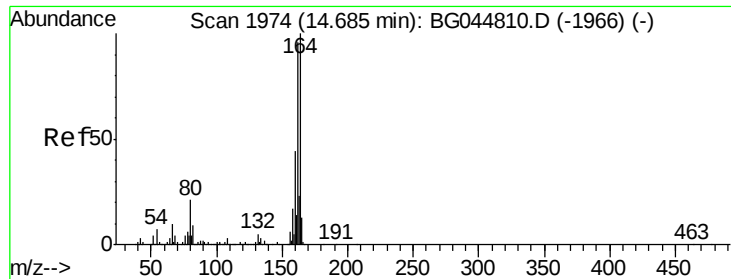
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#38
1-Methylnaphthalene
Concen: 39.523 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.7	112.1
116	4.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

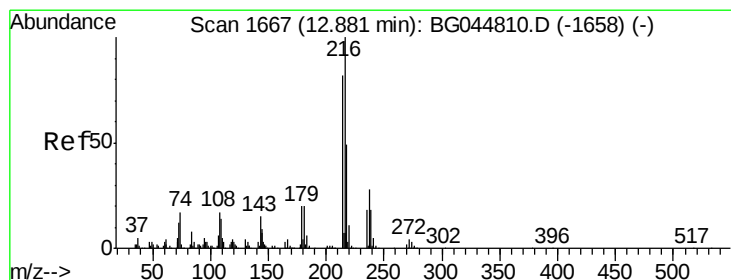
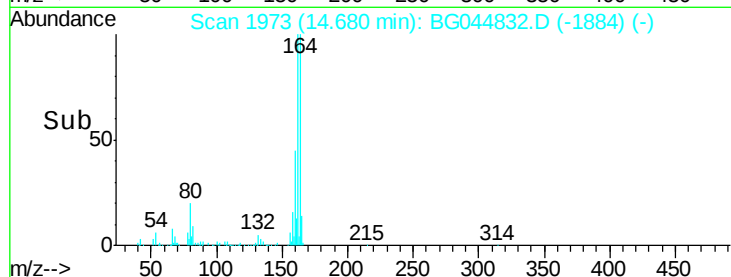
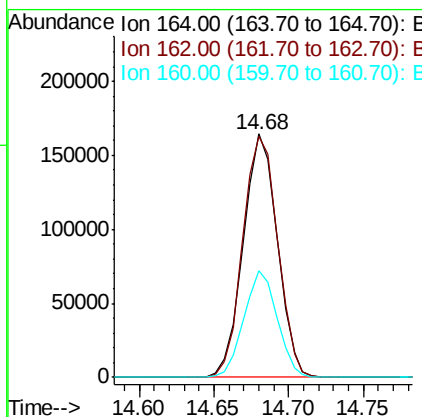
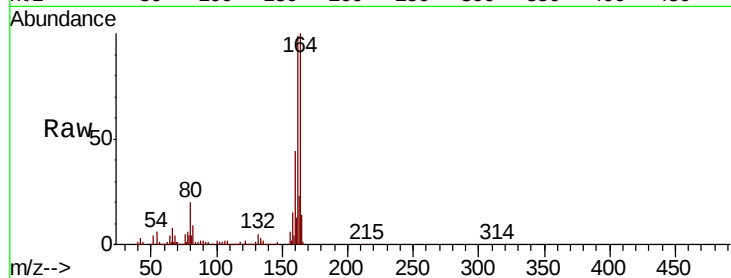
ClientSampleId :

PB127544BS

Tot Ion:	164	Resp:	259687
Ion Ratio	Lower	Upper	
164	100		
162	98.8	76.7	115.1
160	44.0	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.881 ng

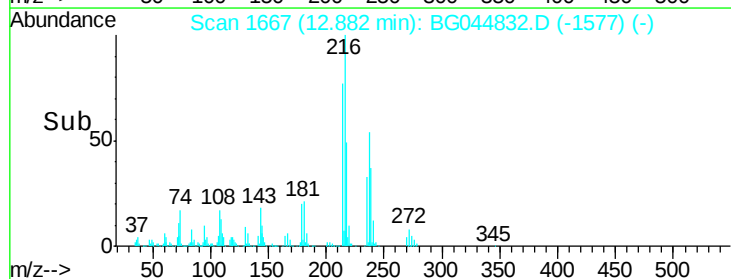
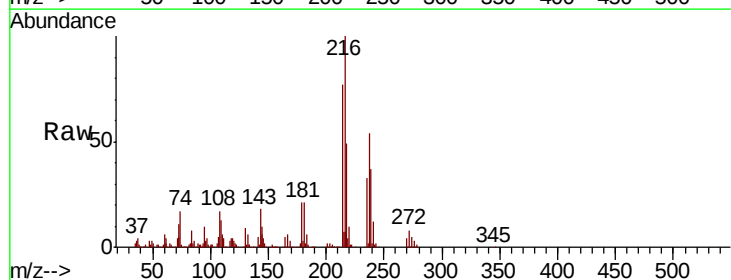
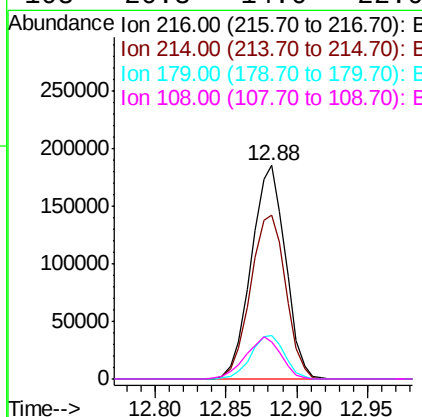
RT: 12.88 min Scan# 1667

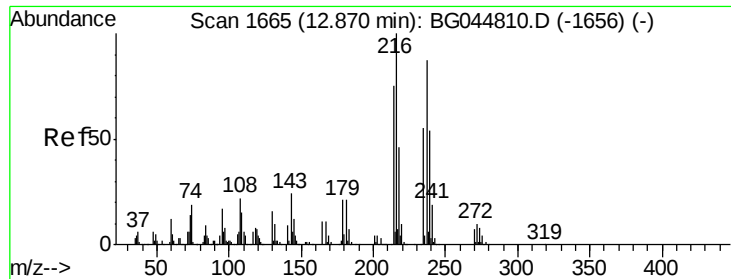
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	216	Resp:	315420
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.6
179	20.1	16.2	24.2
108	20.3	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 93.904 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

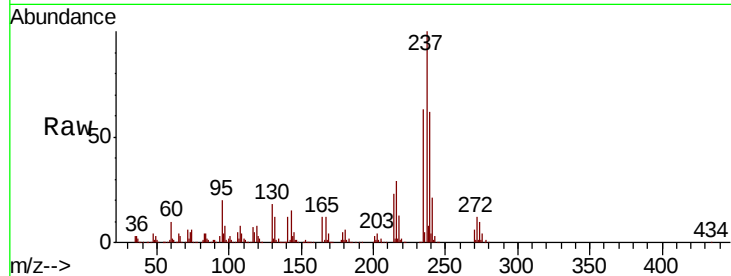
ClientSampleId :

PB127544BS

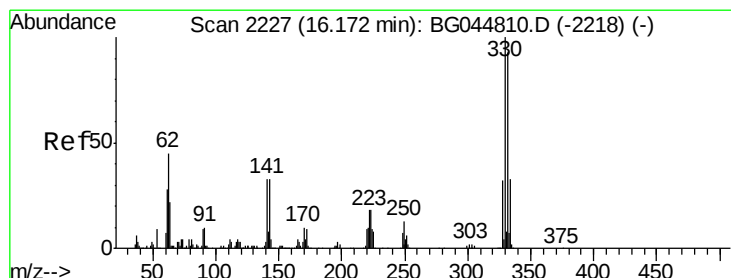
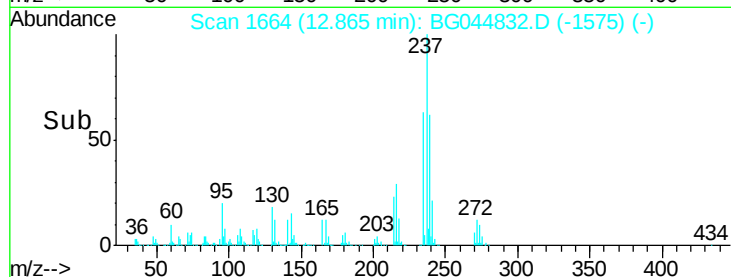
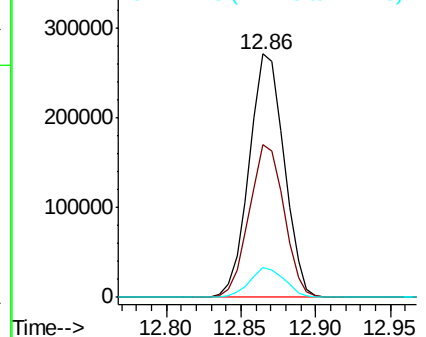
Tot Ion:	237	Resp:	438895
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.9	82.9
272	12.2	0.0	31.6

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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: 125.314 ng

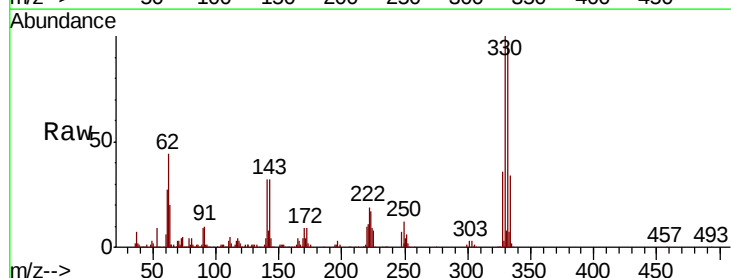
RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

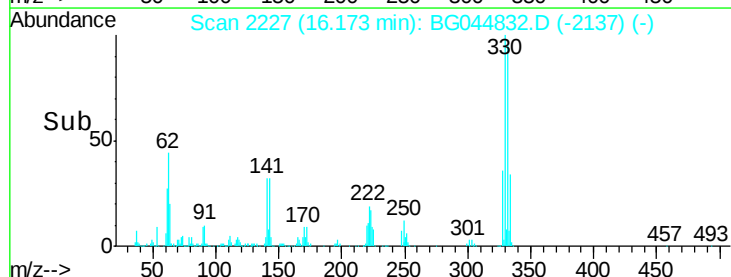
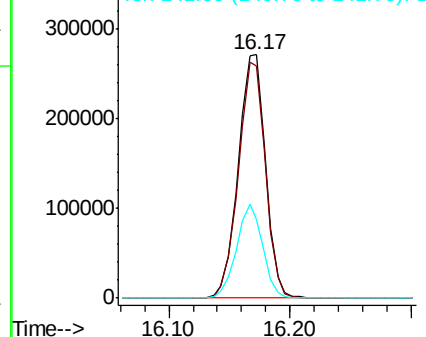
Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	330	Resp:	426094
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.8	116.6
141	36.6	29.5	44.3



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





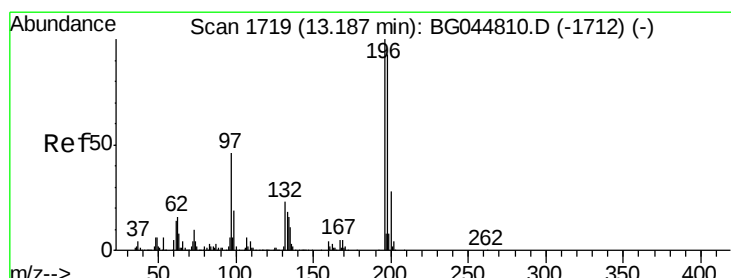
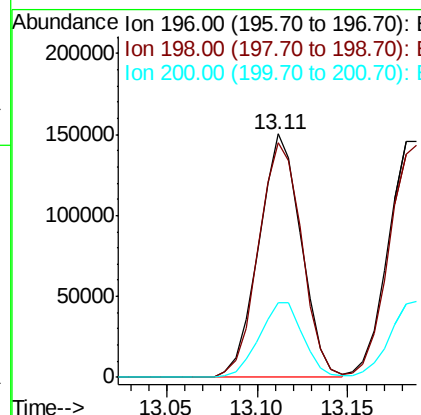
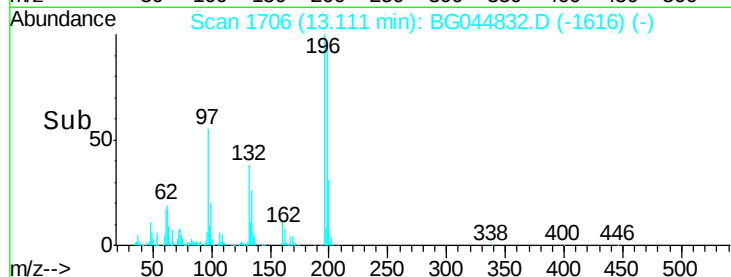
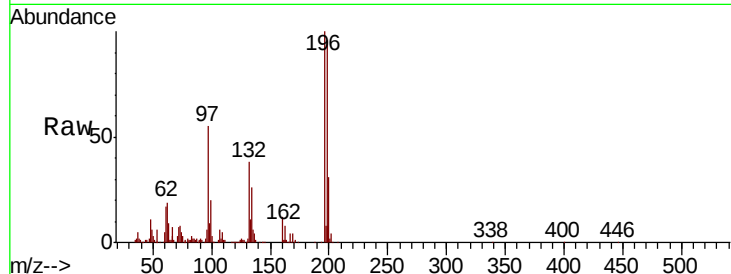
#43
 2,4,6-Trichlorophenol
 Concen: 43.107 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244661		
198	96.5	74.9	112.3	
200	30.7	25.8	38.6	

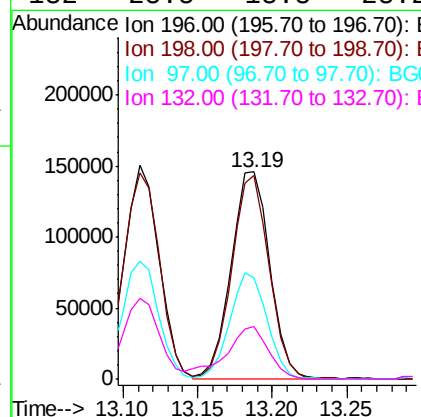
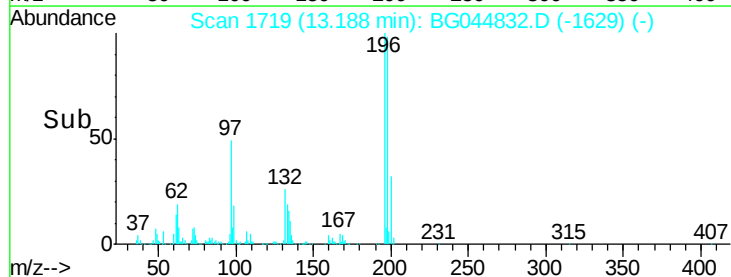
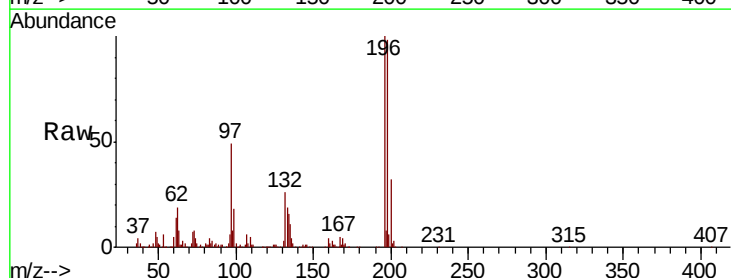
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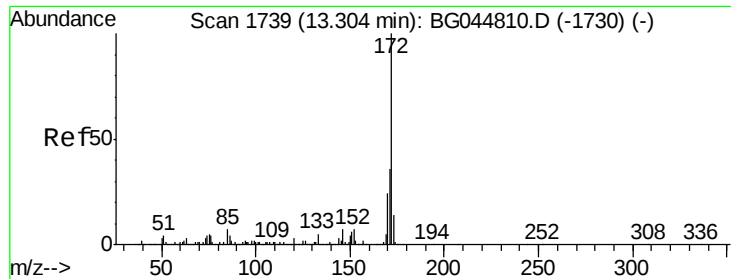
mohammad
 3/18/2020 4:00:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.492 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261885		
198	98.2	74.2	111.4	
97	48.9	36.7	55.1	
132	25.5	18.8	28.2	





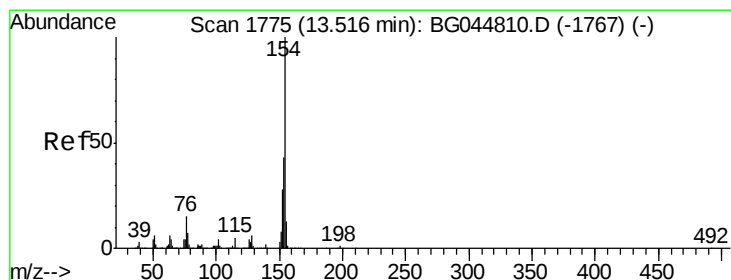
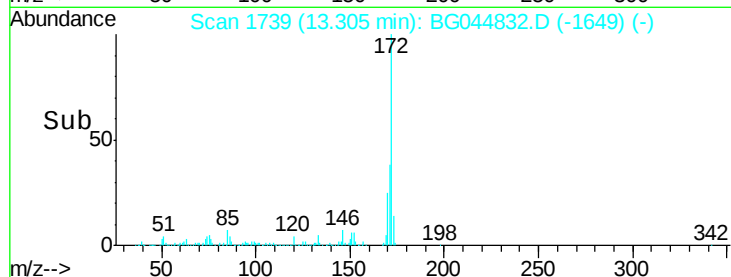
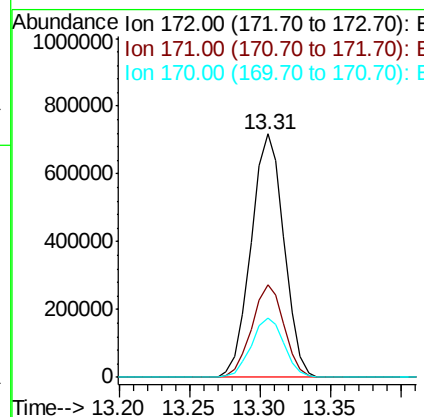
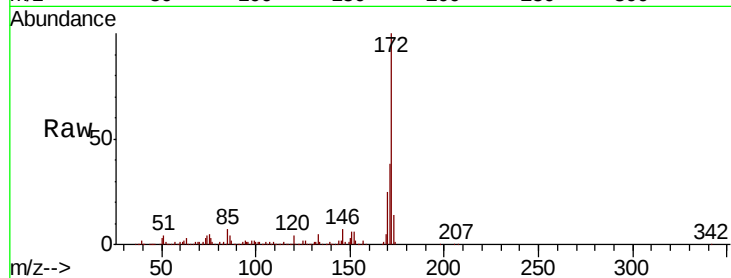
#45
2-Fluorobiphenyl
Concen: 64.810 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.7	43.1
170	24.6	19.0	28.6

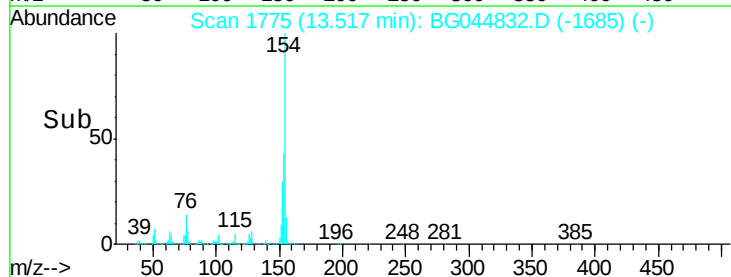
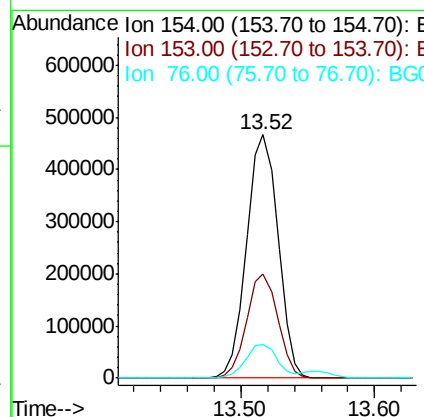
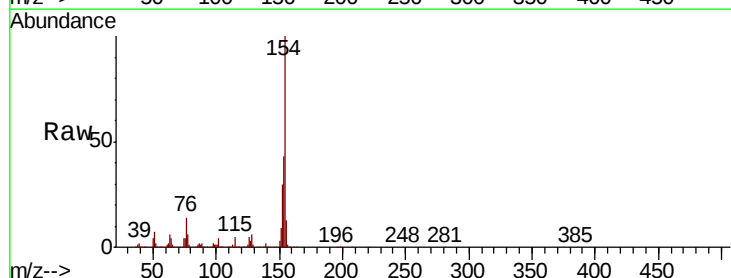
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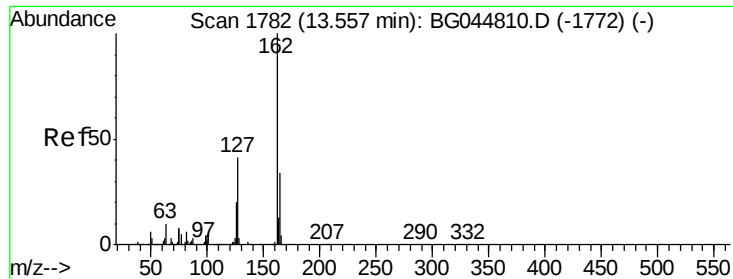
mohammad
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#46
1,1'-Biphenyl
Concen: 36.467 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.9	62.9
76	13.7	0.0	34.6





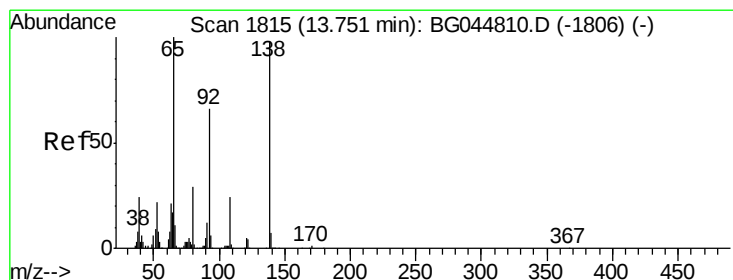
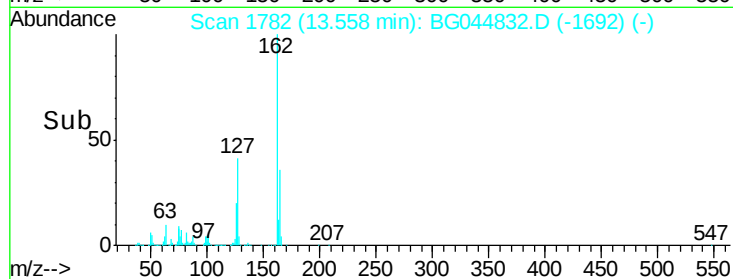
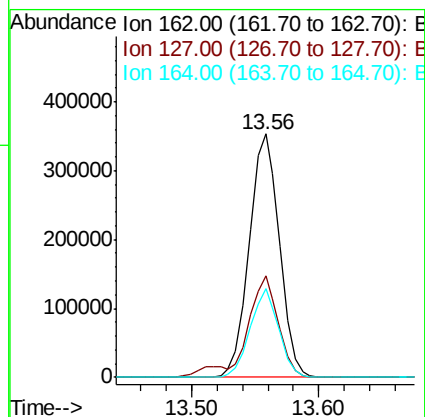
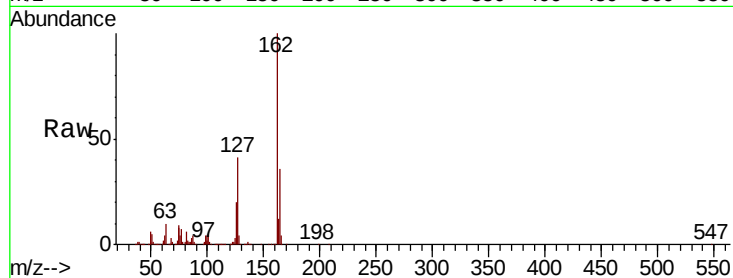
#47
 2-Chloronaphthalene
 Concen: 36.676 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.1	49.7
164	36.4	27.4	41.2

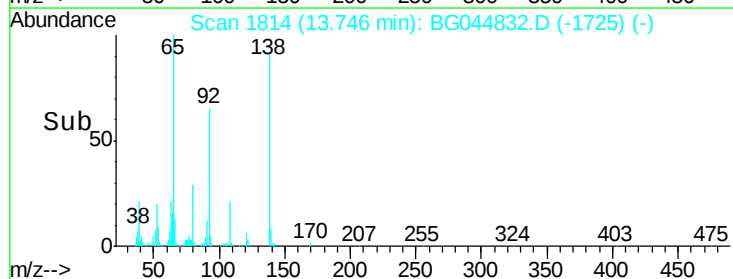
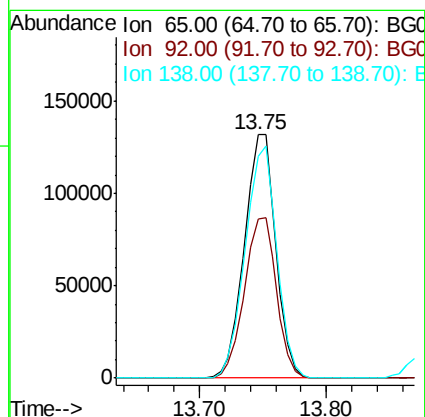
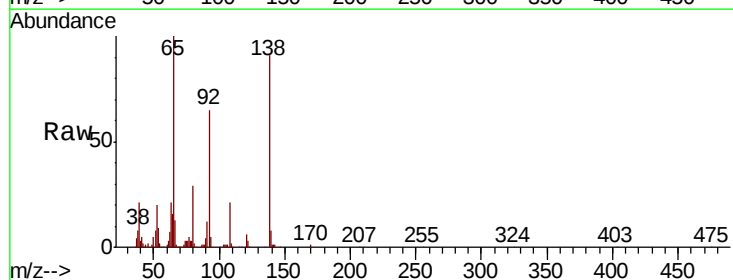
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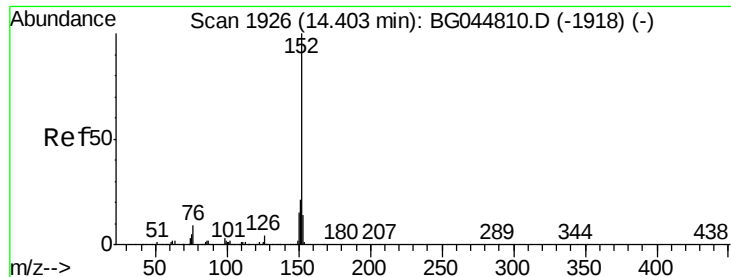
mohammad
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#48
 2-Nitroaniline
 Concen: 40.858 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.6	79.0
138	90.9	78.3	117.5





#49

Acenaphthylene

Concen: 39.280 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

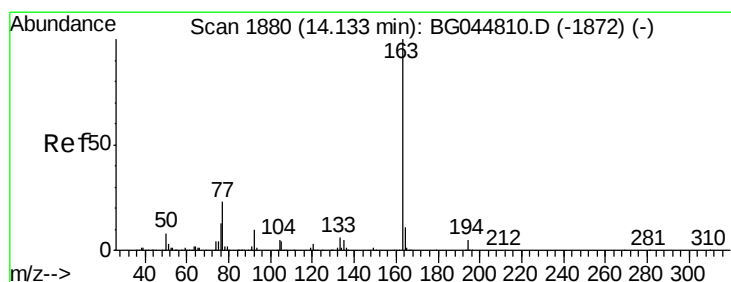
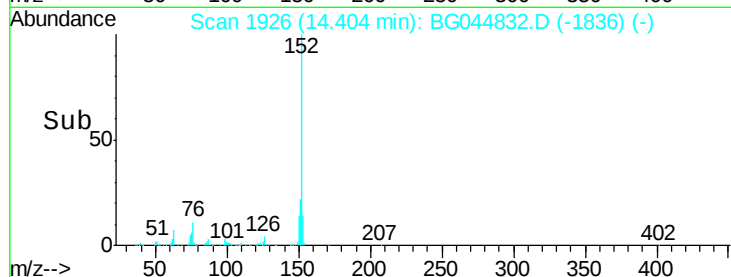
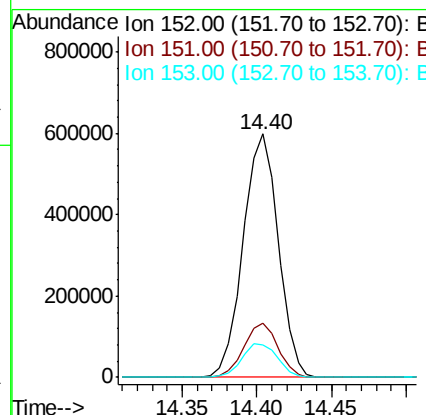
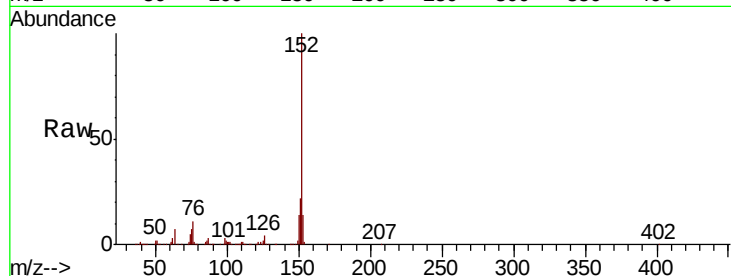
ClientSampleId :

PB127544BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.8	25.2
153	13.6	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.090 ng

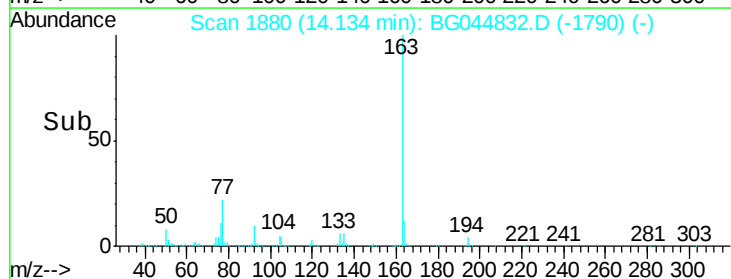
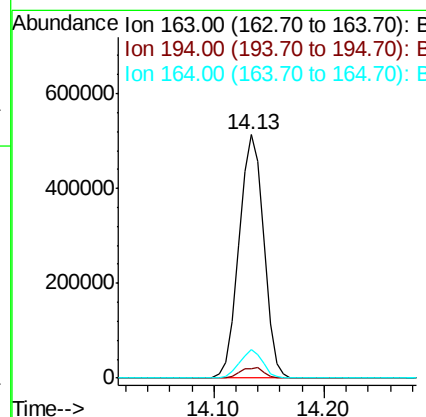
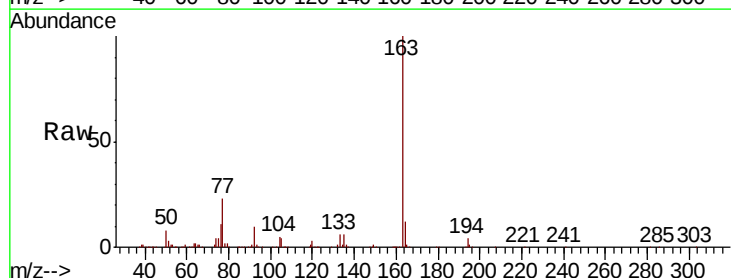
RT: 14.13 min Scan# 1880

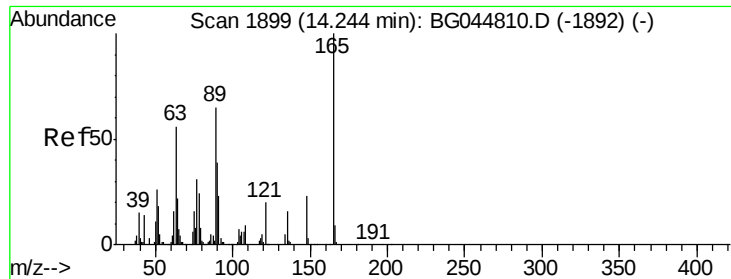
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	11.6	9.1	13.7





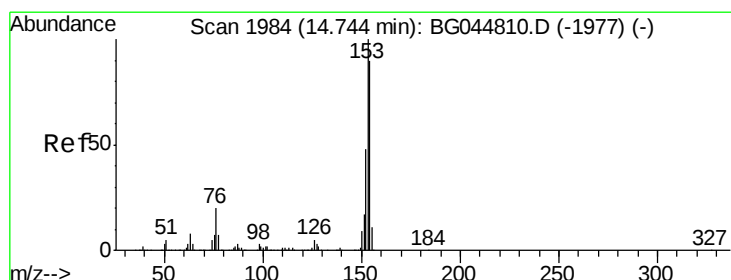
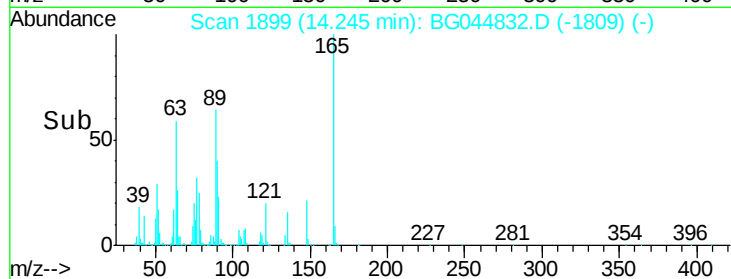
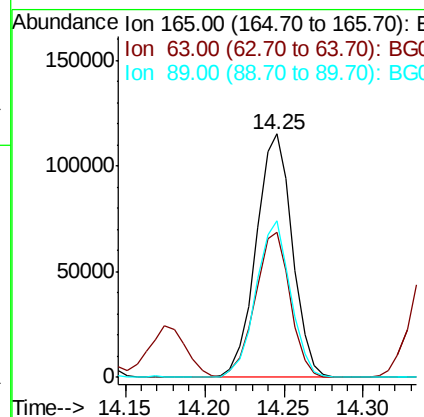
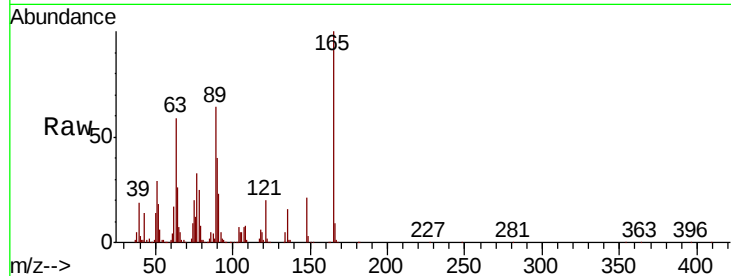
#51
 2,6-Dinitrotoluene
 Concen: 43.865 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.5	45.8	68.8
89	64.4	51.8	77.6

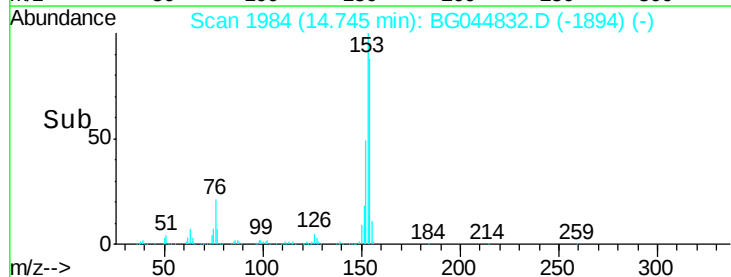
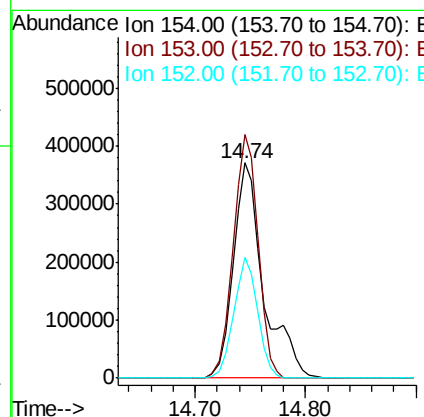
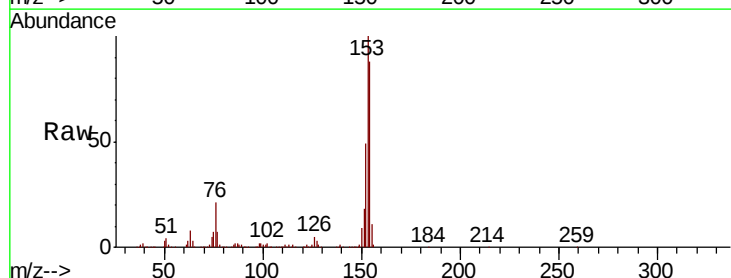
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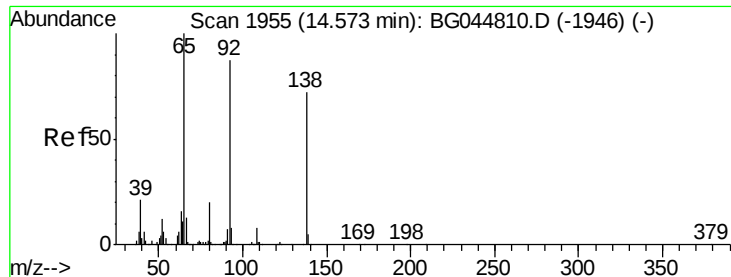
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#52
 Acenaphthene
 Concen: 44.054 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.0	133.6
152	55.9	43.0	64.6





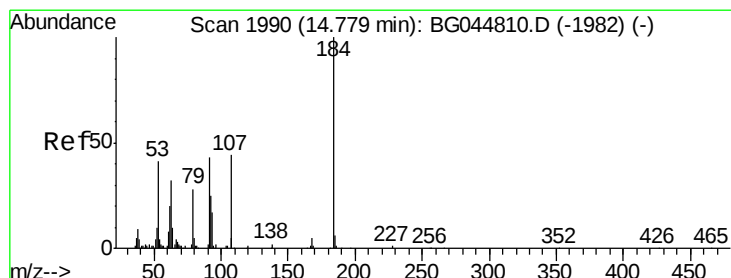
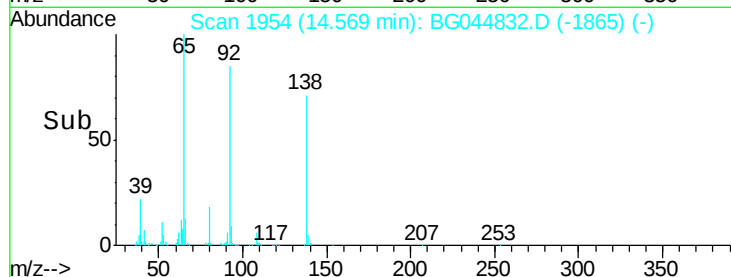
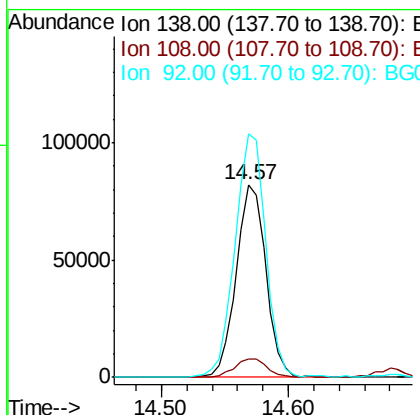
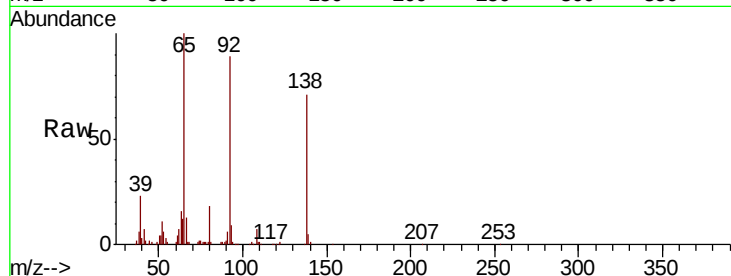
#53
3-Nitroaniline
Concen: 27.711 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.0	13.4
92	126.5	96.8	145.2

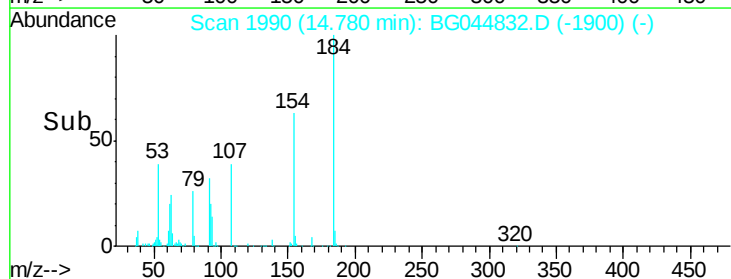
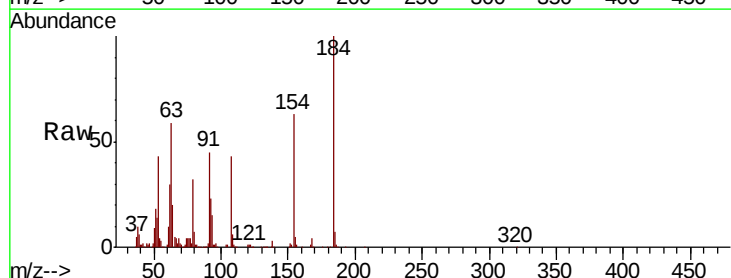
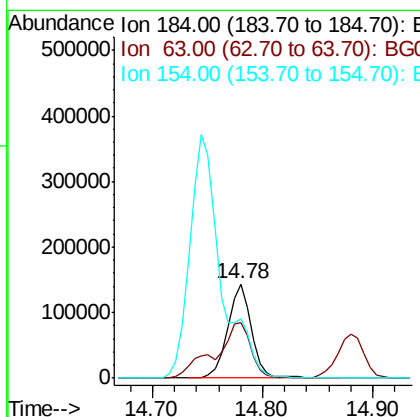
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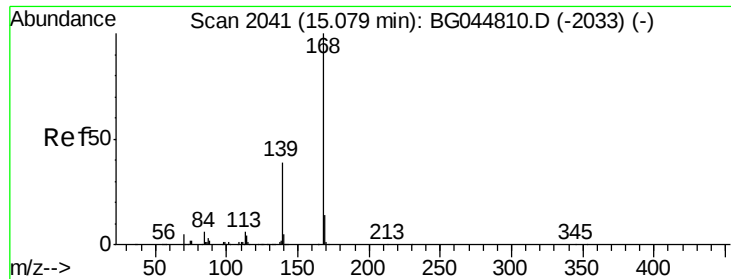
mohammad
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#54
2,4-Dinitrophenol
Concen: 97.573 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.1	45.5	68.3
154	63.1	49.1	73.7





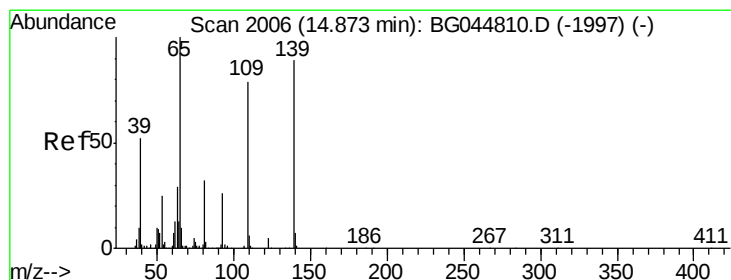
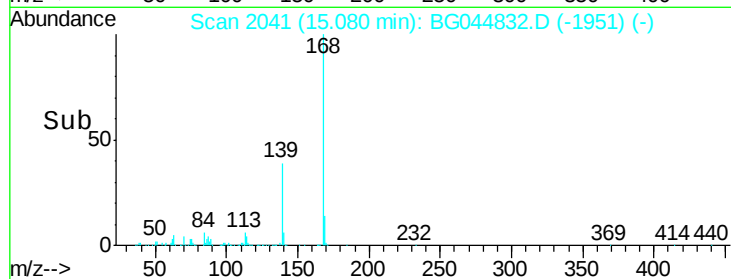
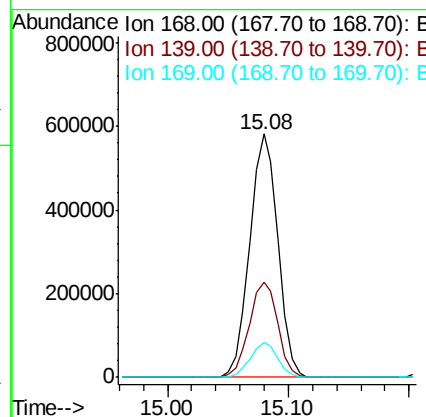
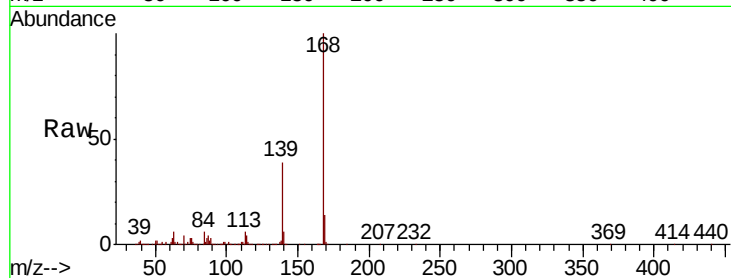
#55
Dibenzofuran
Concen: 39.885 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.4	47.0
169	14.1	11.1	16.7

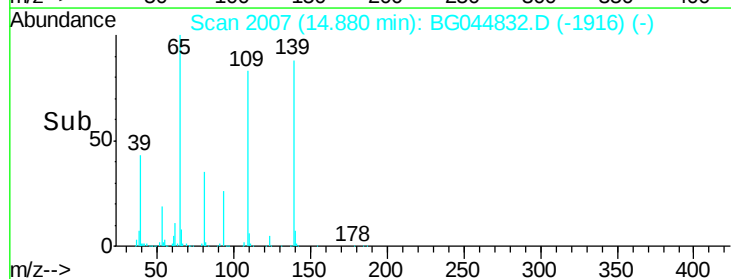
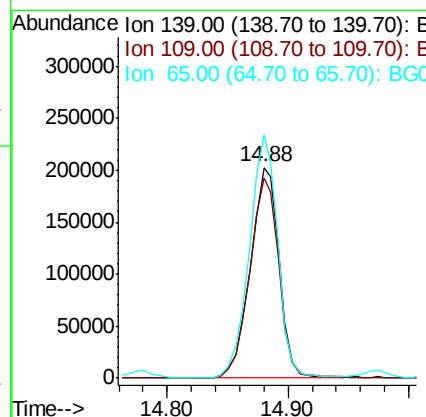
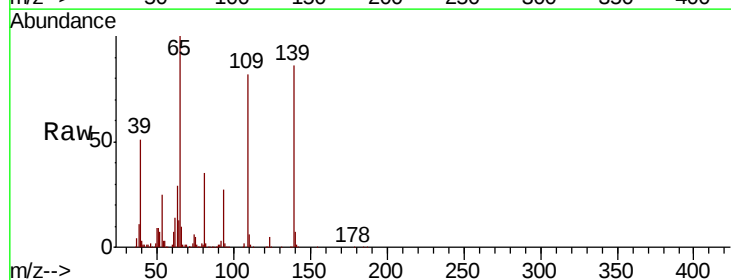
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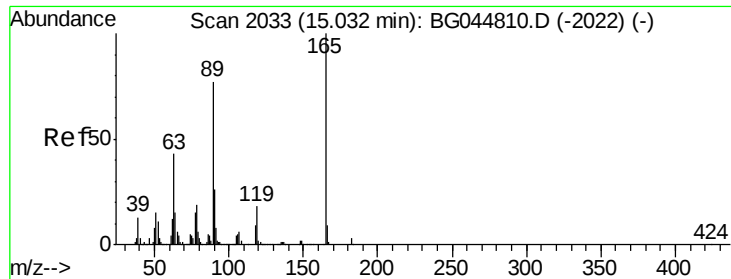
mohammad
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#56
4-Nitrophenol
Concen: 92.109 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.0	68.8	108.8
65	115.7	92.5	132.5





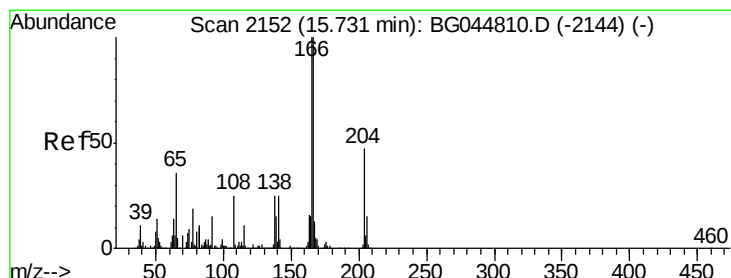
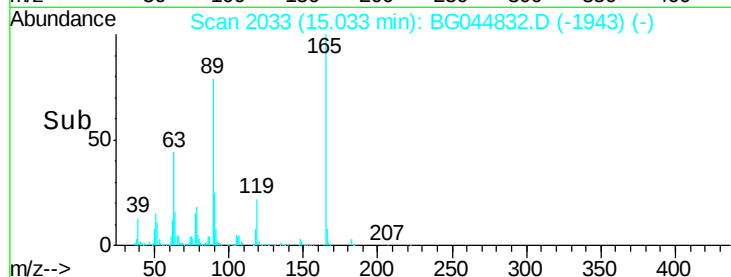
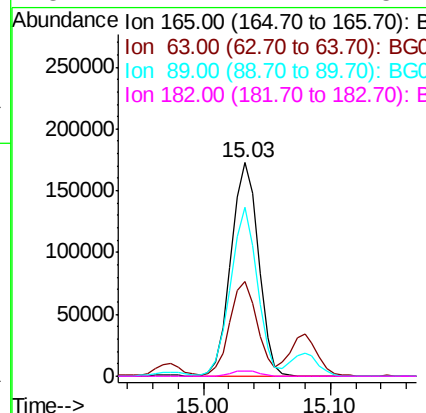
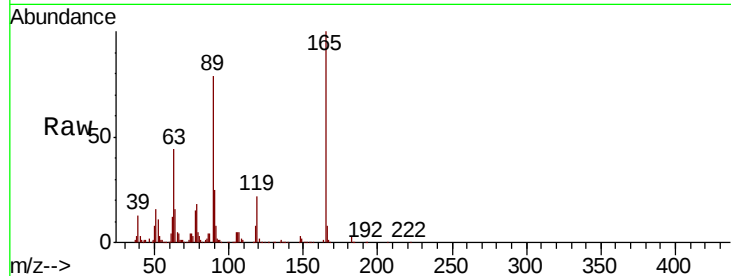
#57
2,4-Dinitrotoluene
Concen: 45.276 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		258873		
63	44.3	34.6	52.0		
89	79.1	61.3	91.9		
182	2.7	2.2	3.2		

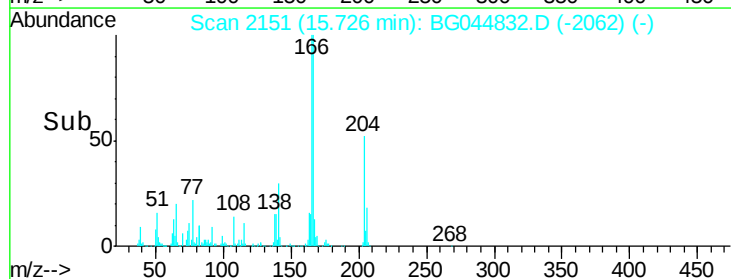
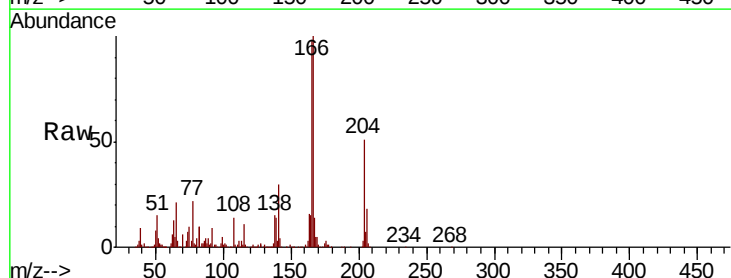
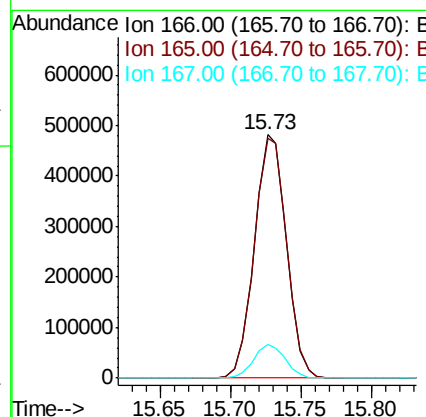
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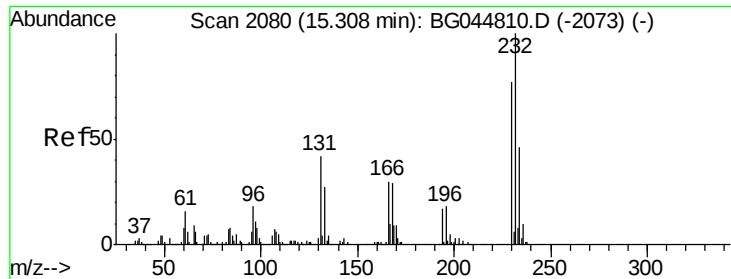
mohammad
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#58
Fluorene
Concen: 39.429 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		765021		
165	98.5	79.7	119.5		
167	13.9	10.6	16.0		





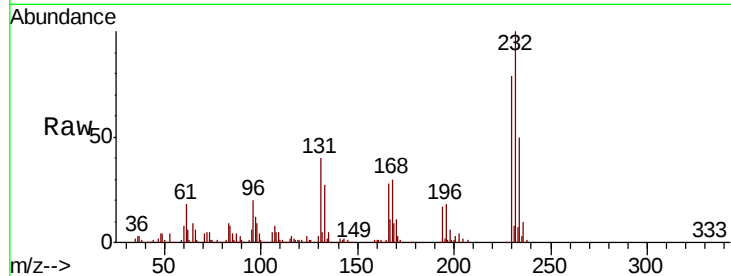
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.092 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Instrument :
 BNA_G
 ClientSampleID :
 PB127544BS

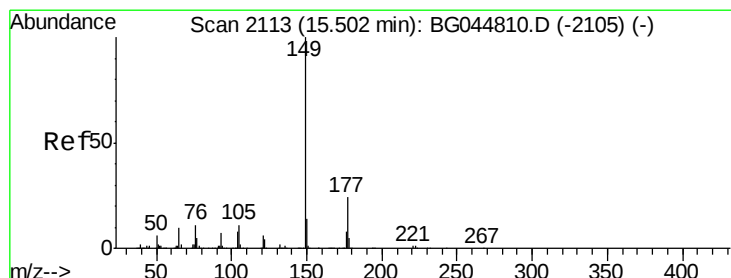
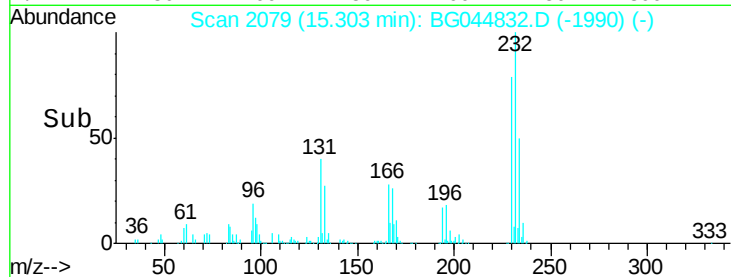
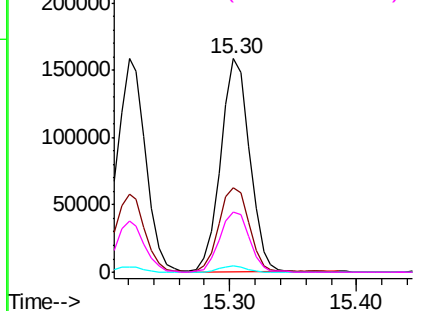
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		249778		
131	41.3	31.8	47.8		
130	2.7	2.2	3.2		
166	28.9	20.2	30.2		

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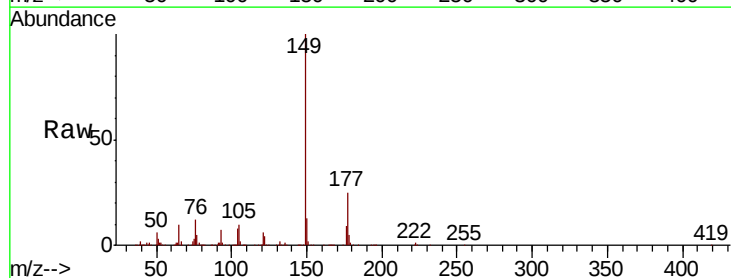


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

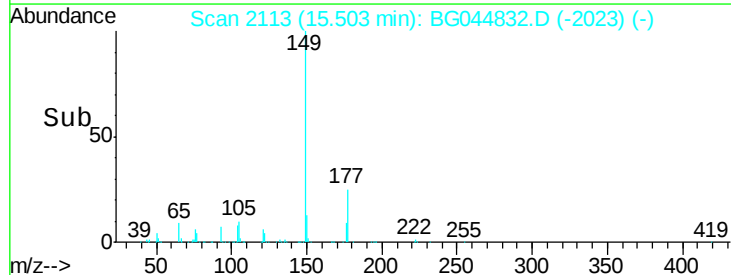
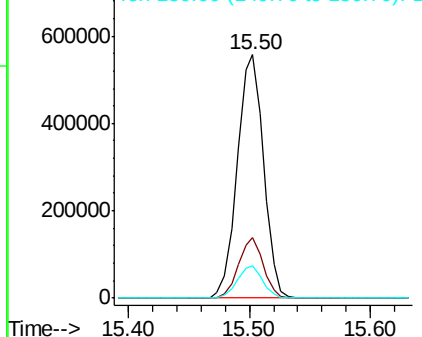


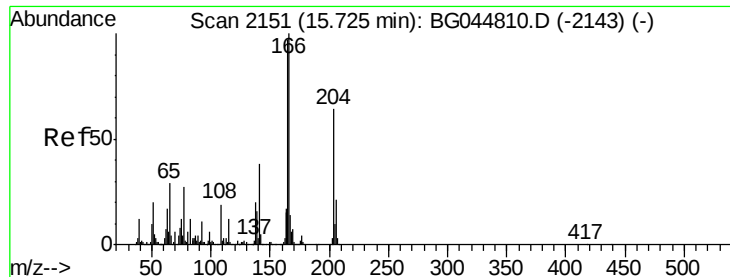
#60
 Diethylphthalate
 Concen: 39.085 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		843136		
177	24.7	19.3	28.9		
150	13.4	11.0	16.6		



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





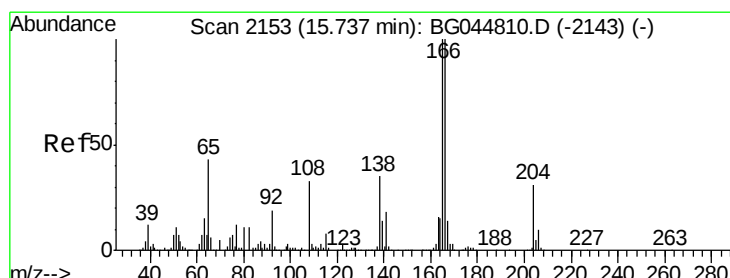
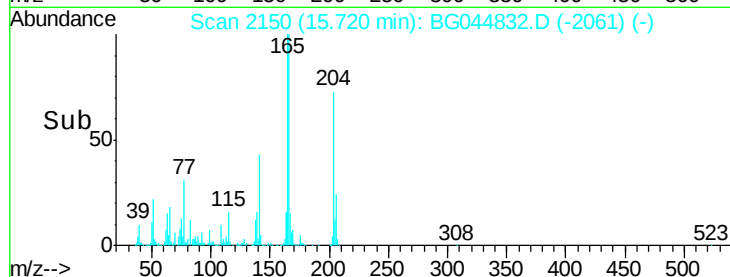
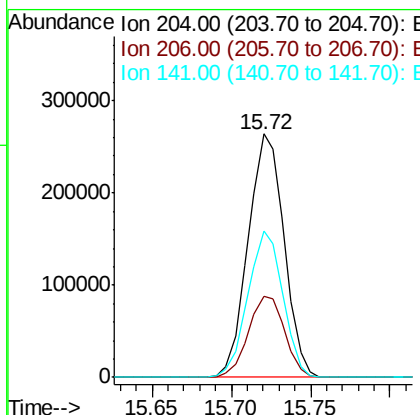
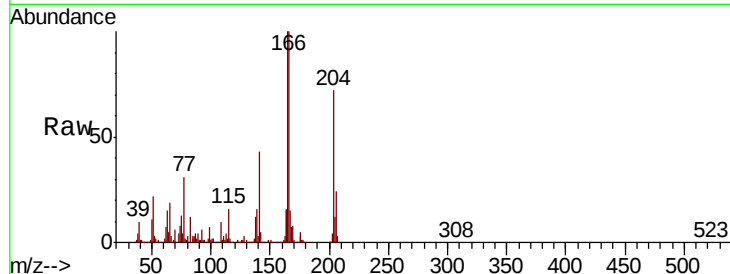
#61
4-Chlorophenyl-phenylether
Concen: 39.837 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	60.0	47.7	71.5

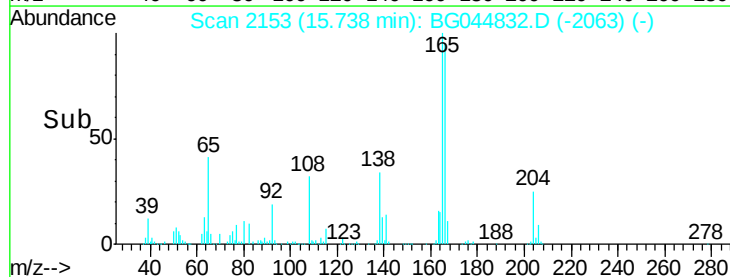
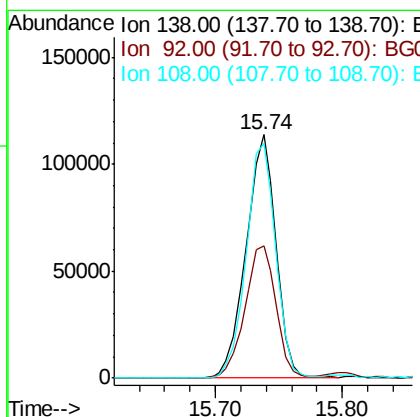
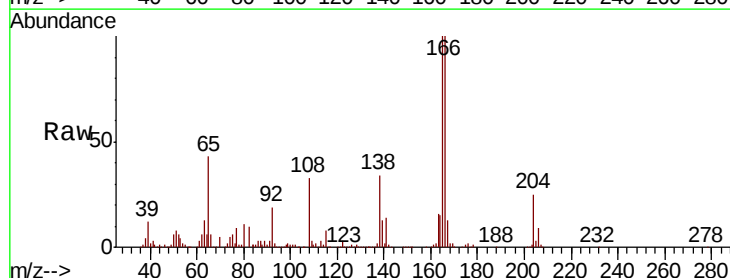
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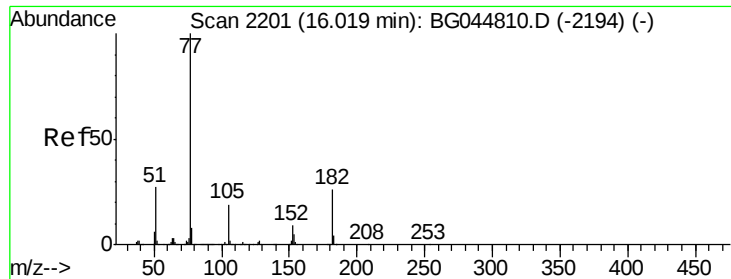
mohammad
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#62
4-Nitroaniline
Concen: 36.677 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	34.5	74.5
108	96.6	74.5	114.5





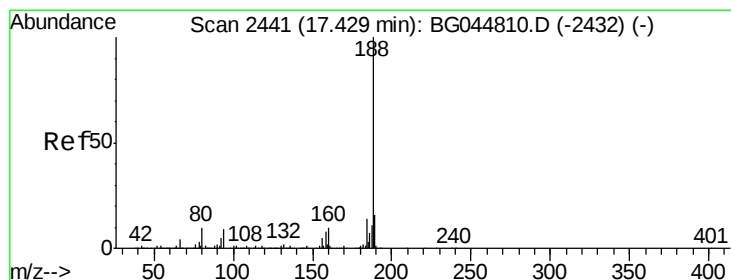
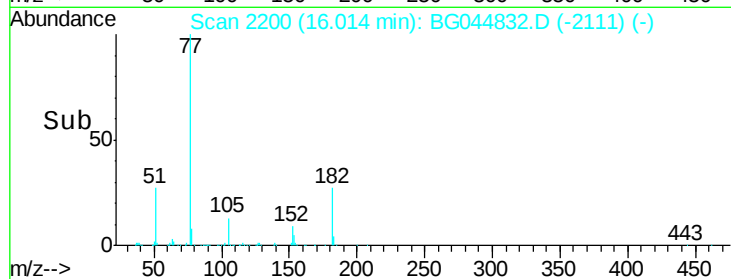
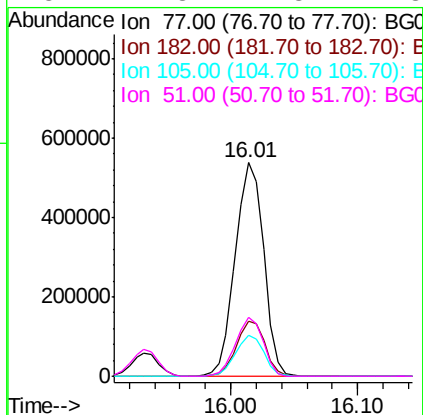
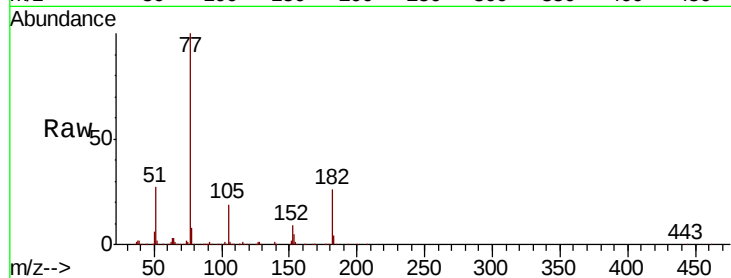
#63
Azobenzene
Concen: 37.212 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.0	6.4	46.4	
105	18.9	0.0	39.1	
51	27.3	7.3	47.3	

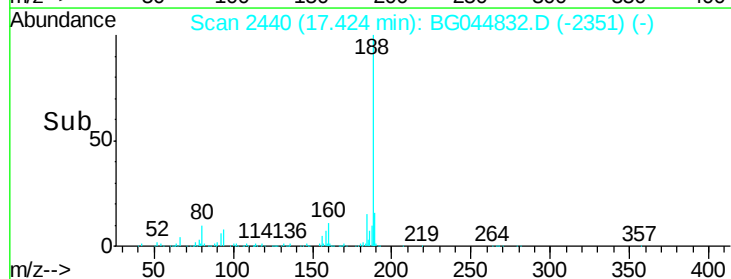
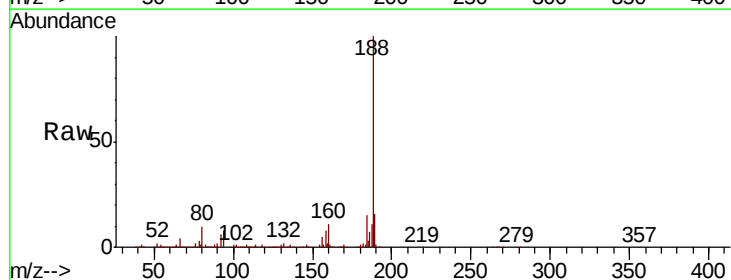
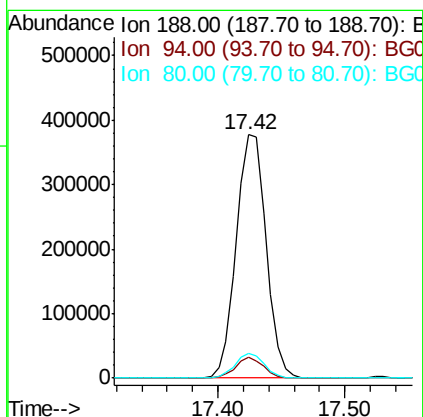
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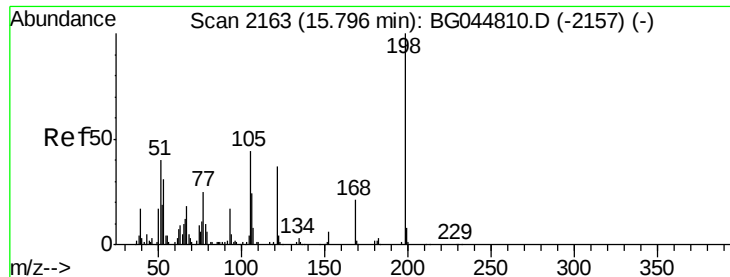
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	7.3	10.9	
80	10.2	8.0	12.0	





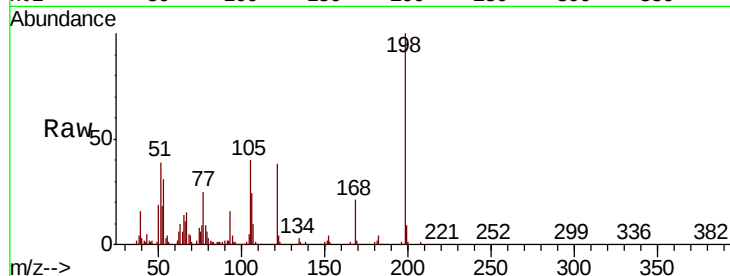
#65
4,6-Dinitro-2-methylphenol
Concen: 53.238 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

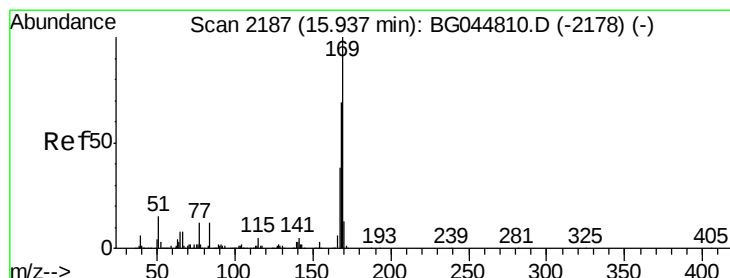
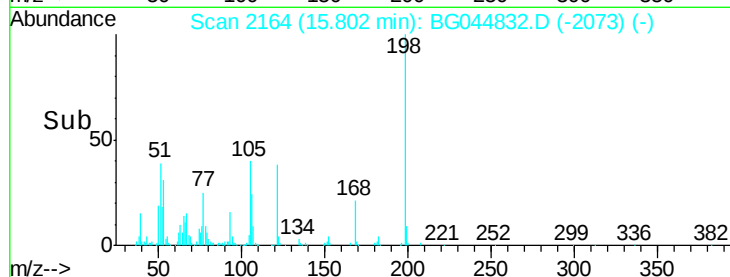
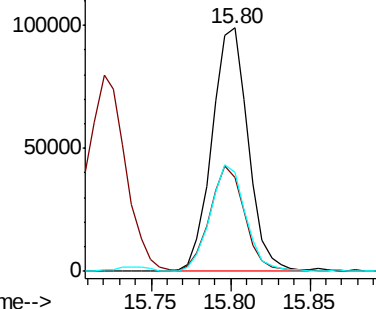
Tot Ion	Ratio	Resp	Lower	Upper
198	100	156573		
51	38.8		21.1	61.1
105	40.5		24.5	64.5

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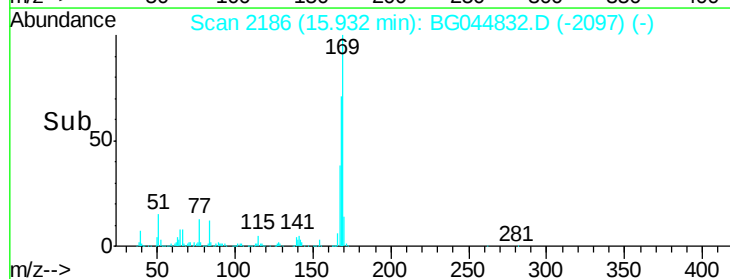
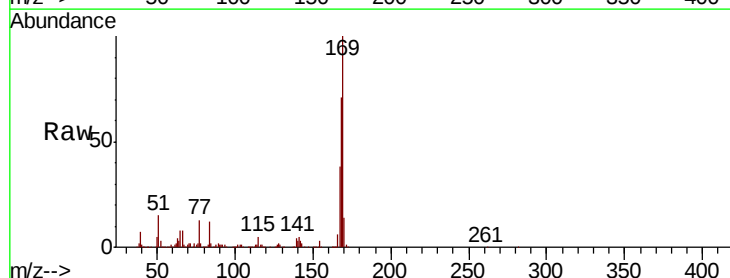
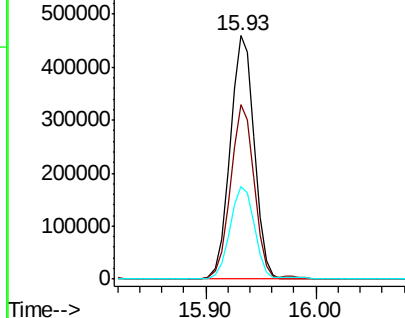
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

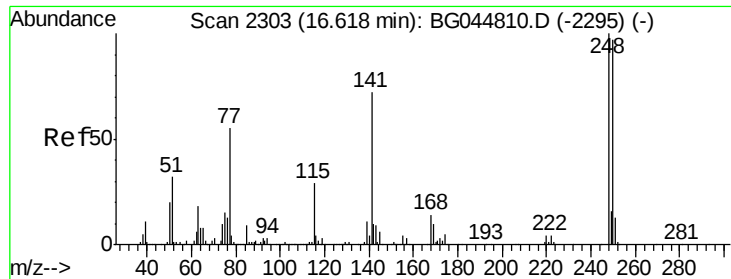


#66
n-Nitrosodiphenylamine
Concen: 37.890 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	699723		
168	71.5		55.4	83.2
167	37.9		30.1	45.1

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





#67

4-Bromophenyl-phenylether

Concen: 37.589 ng

RT: 16.62 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

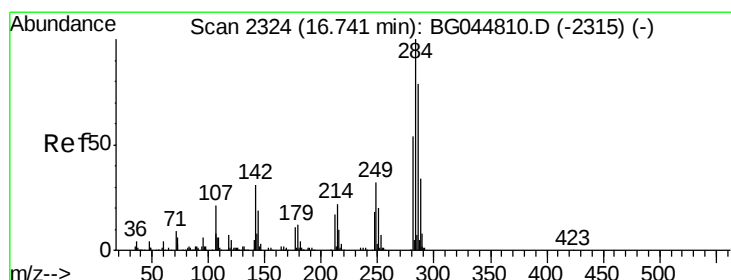
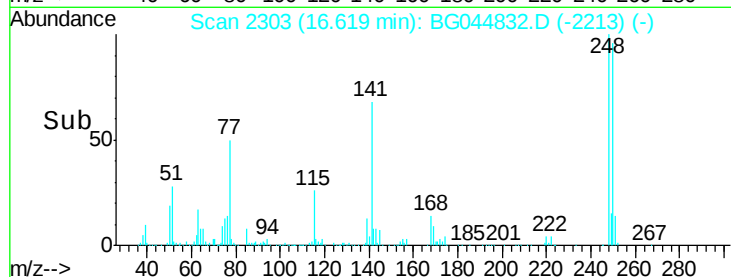
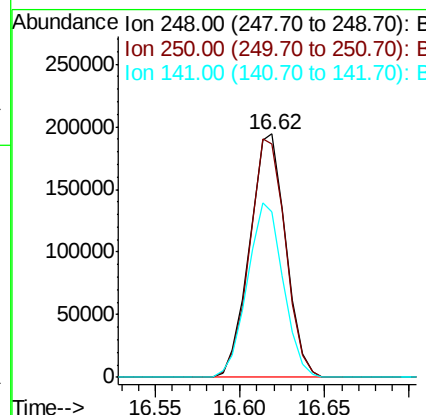
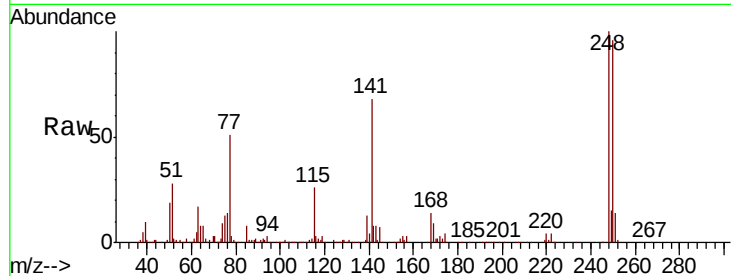
ClientSampled :

PB127544BS

Tot Ion:	248	Resp:	288241
Ion Ratio	Lower	Upper	
248	100		
250	95.9	77.9	116.9
141	67.9	57.5	86.3

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#68

Hexachlorobenzene

Concen: 37.351 ng

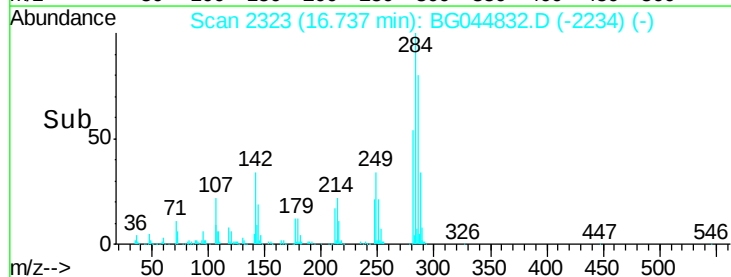
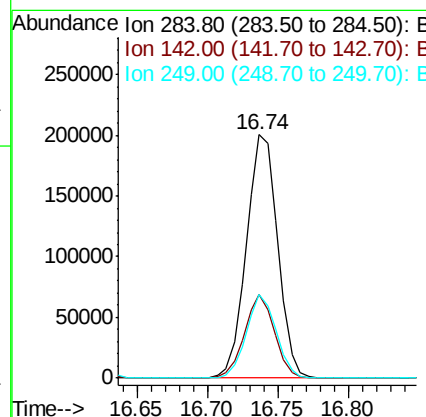
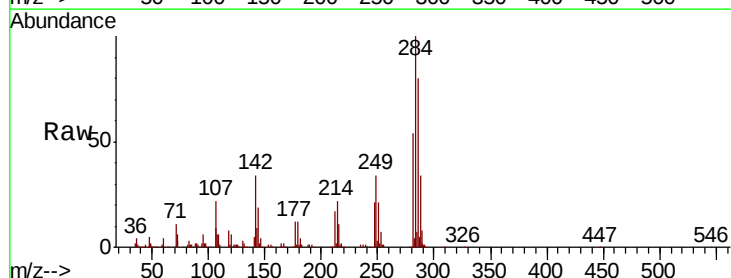
RT: 16.74 min Scan# 2323

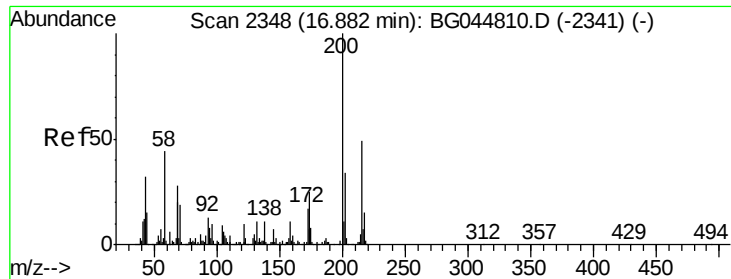
Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	284	Resp:	310732
Ion Ratio	Lower	Upper	
284	100		
142	34.3	25.0	37.6
249	34.2	25.8	38.8





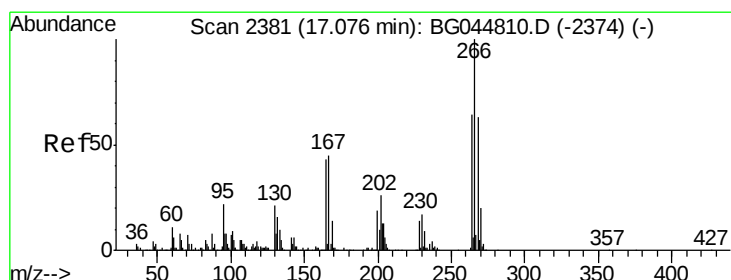
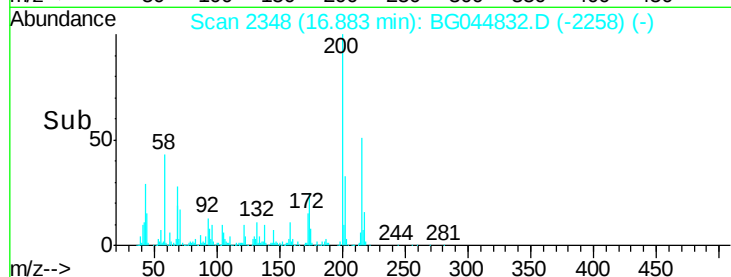
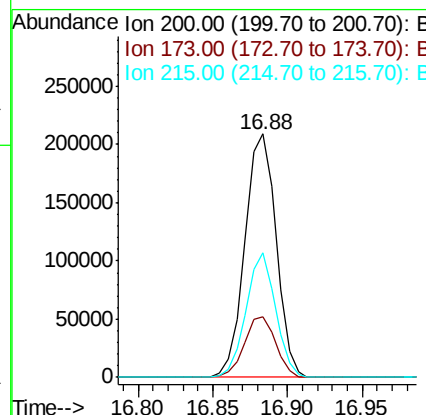
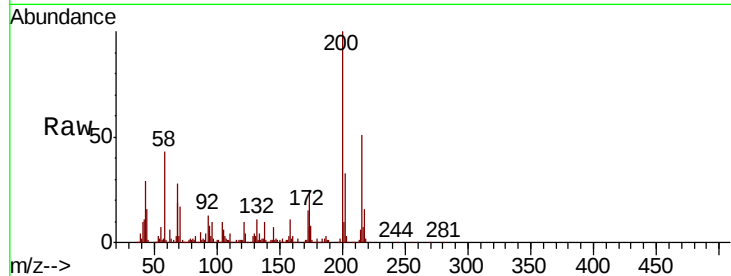
#69
Atrazine
Concen: 44.780 ng
RT: 16.88 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.3	45.3
215	50.9	28.9	68.9

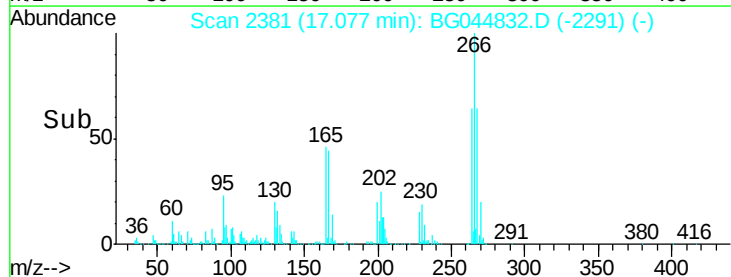
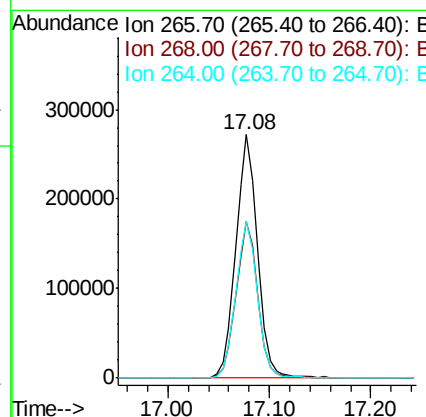
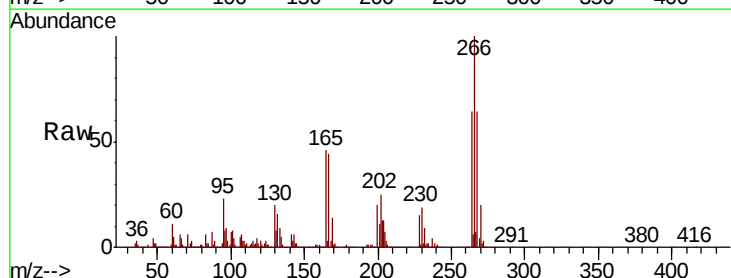
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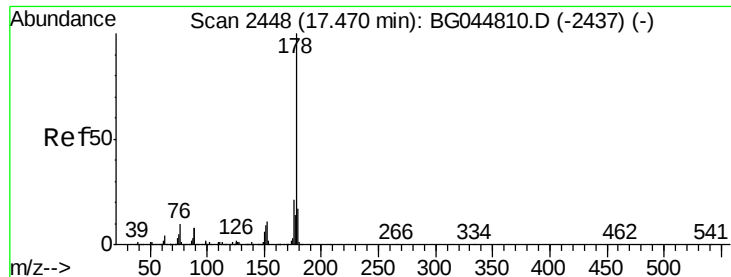
mohammad
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#70
Pentachlorophenol
Concen: 88.260 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.3	75.5
264	64.2	51.4	77.2





#71

Phenanthrene

Concen: 37.838 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

ClientSampleId :

PB127544BS

Tot Ion:178 Resp: 1240264

Ion Ratio Lower Upper

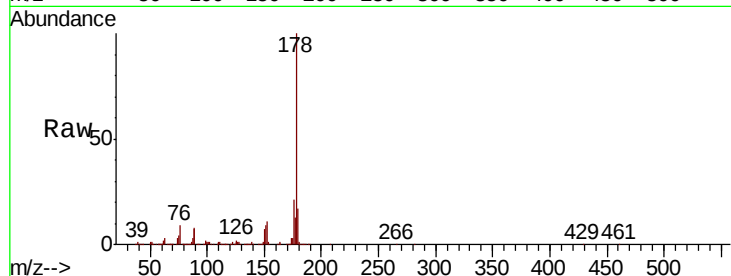
178 100

176 21.4 16.6 24.8

179 17.3 13.5 20.3

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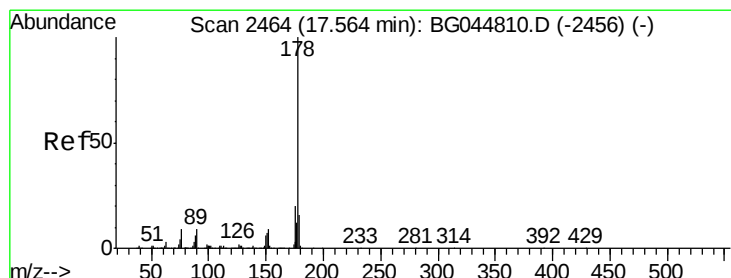
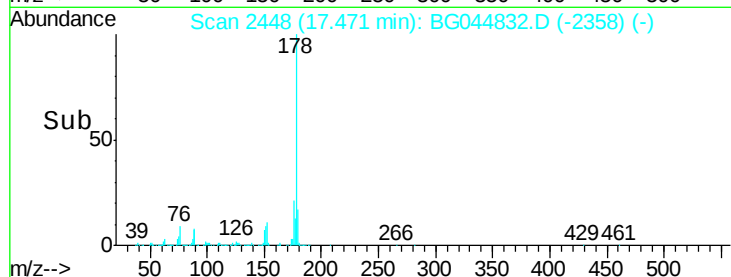
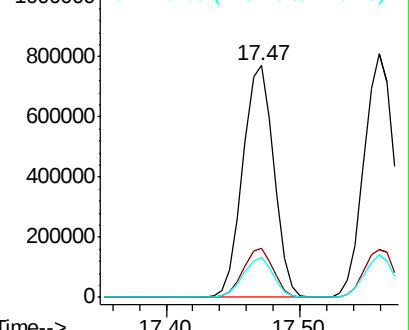
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.150 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

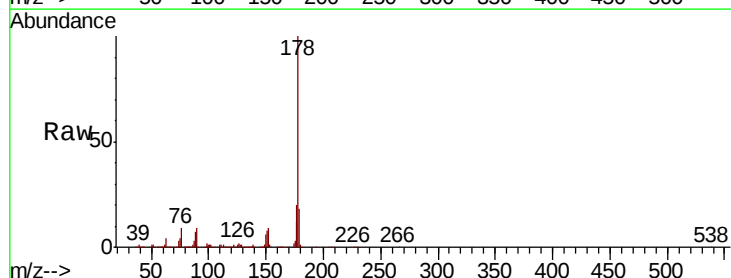
Tgt Ion:178 Resp: 1265374

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

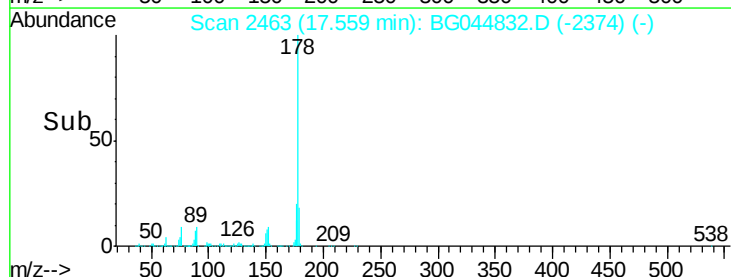
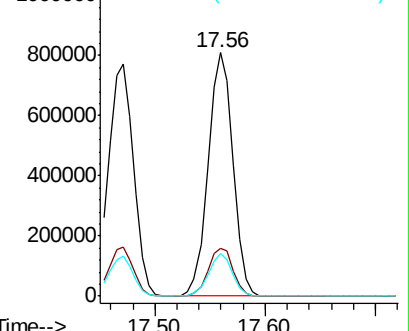
179 17.6 13.2 19.8

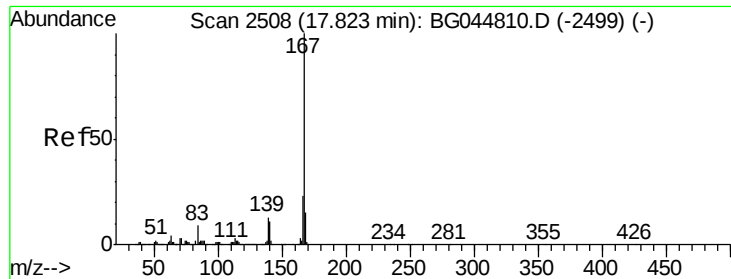


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





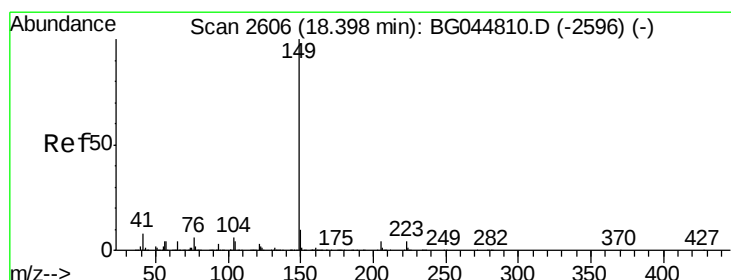
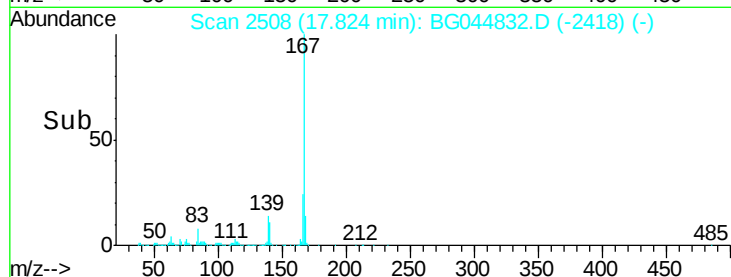
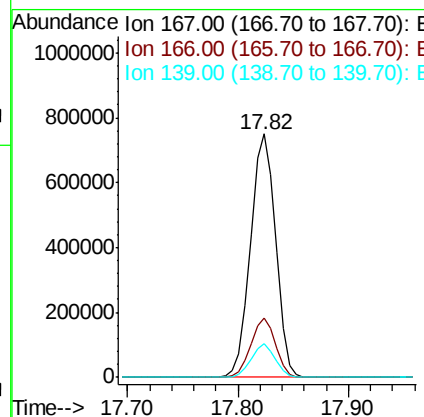
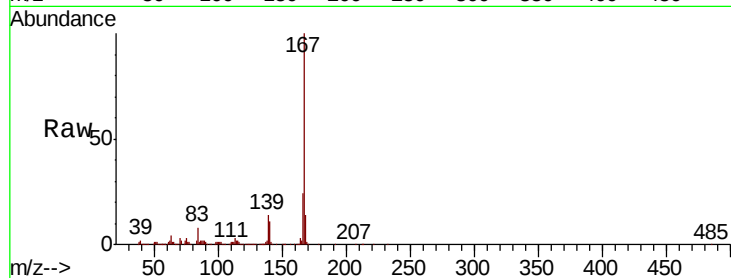
#73
 Carbazole
 Concen: 38.618 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.8	28.2
139	13.7	10.8	16.2

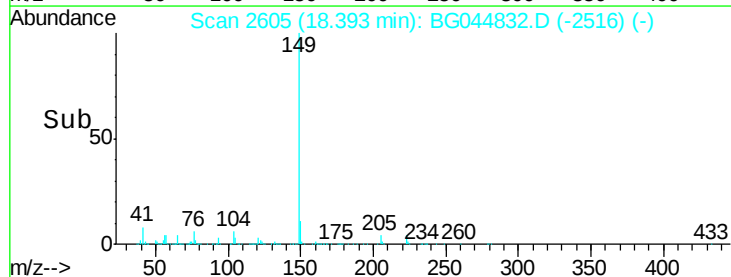
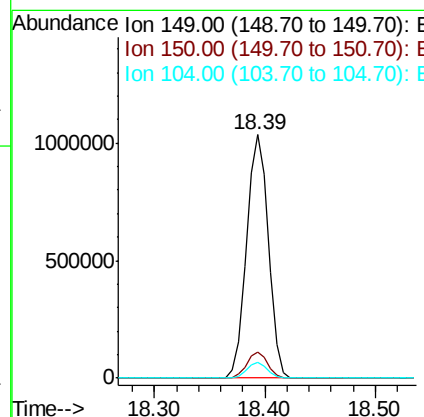
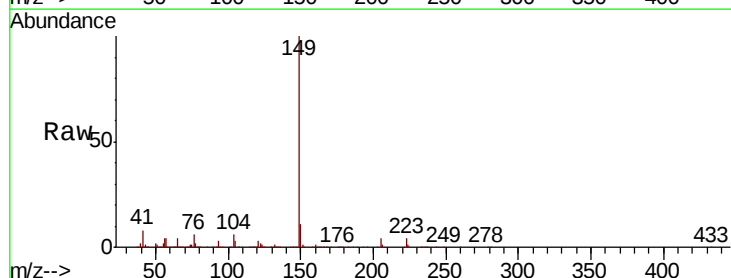
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#74
 Di-n-butylphthalate
 Concen: 38.040 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.1	12.1
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 38.434 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

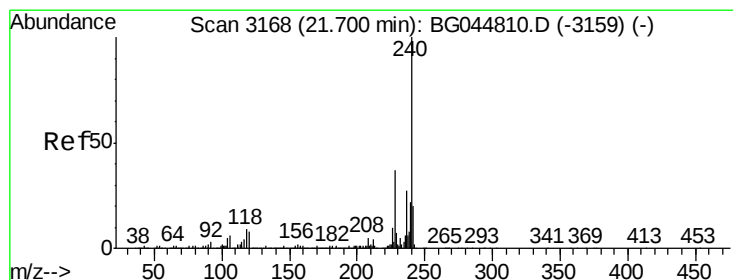
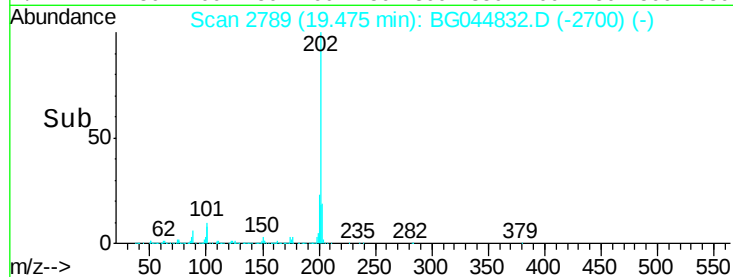
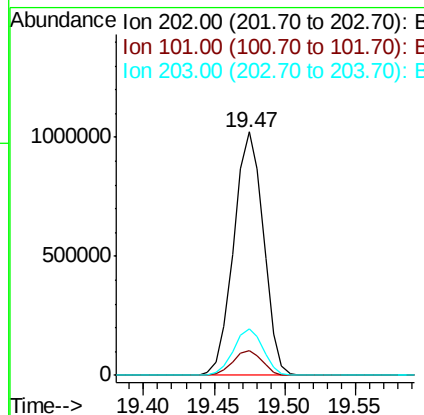
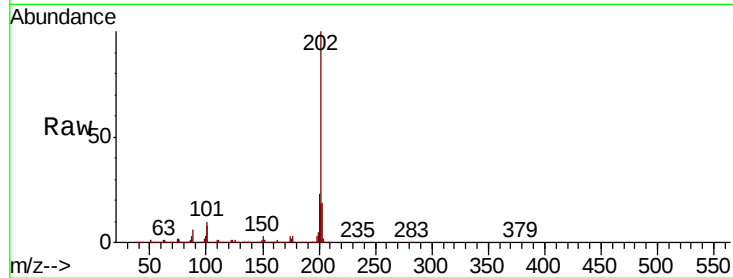
ClientSampleId :

PB127544BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.8
203	19.3	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

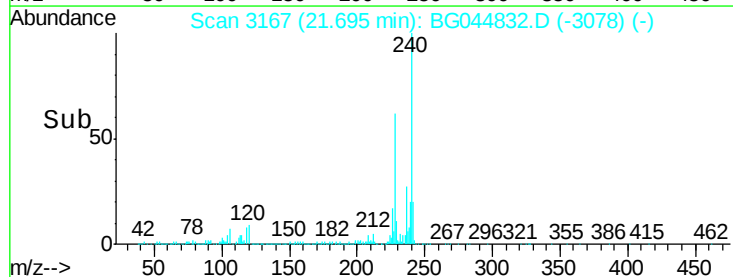
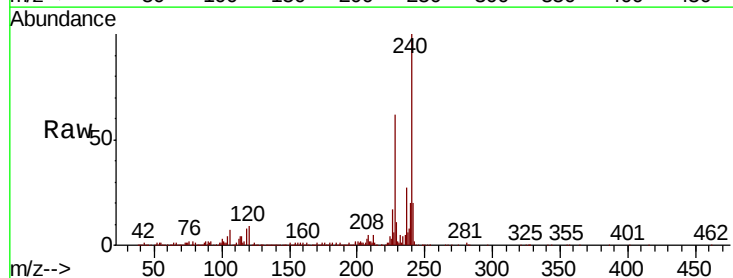
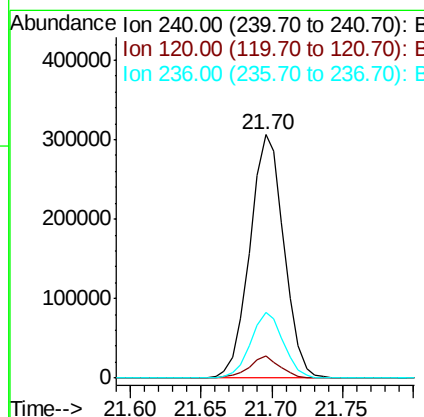
RT: 21.70 min Scan# 3167

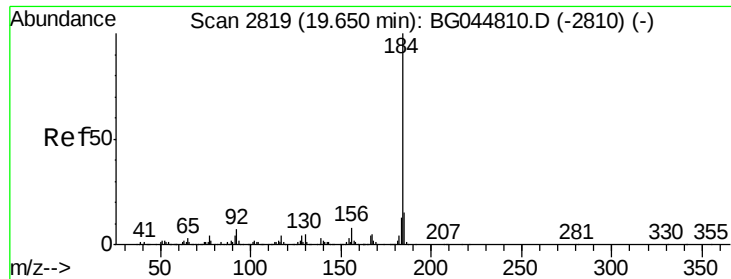
Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.7	10.1
236	27.1	21.5	32.3





#77

Benzidine

Concen: 33.553 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

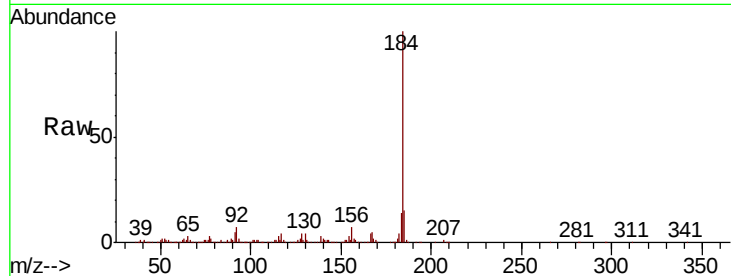
ClientSampleId :

PB127544BS

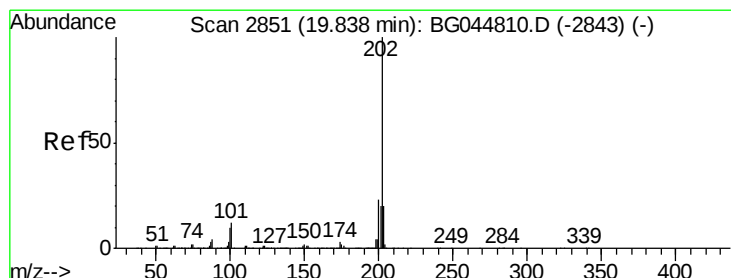
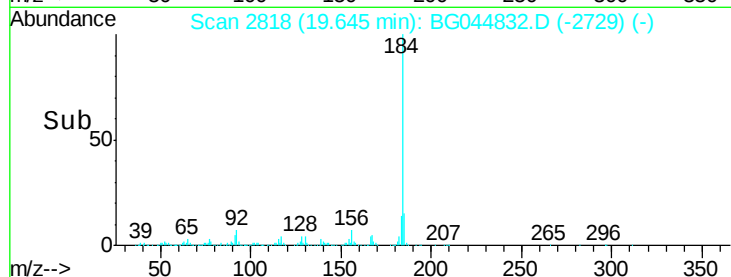
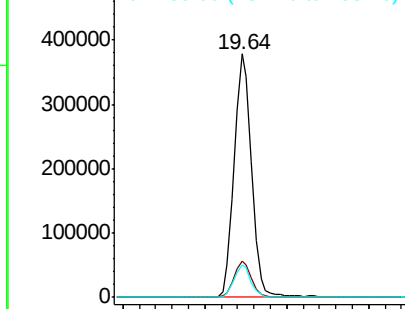
Tot Ion:	184	Resp:	564508
Ion Ratio		Lower	Upper
184	100		
185	14.8	12.2	18.4
183	13.5	10.7	16.1

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.954 ng

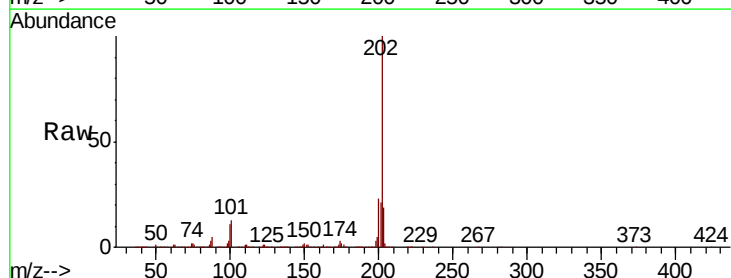
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

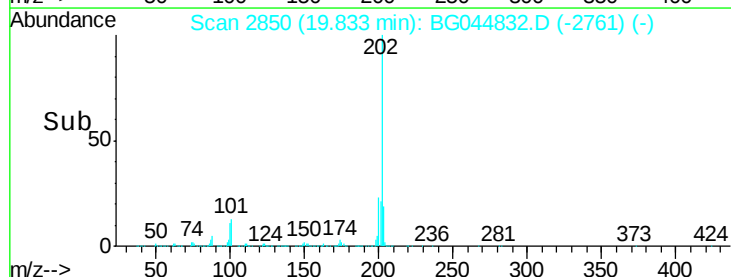
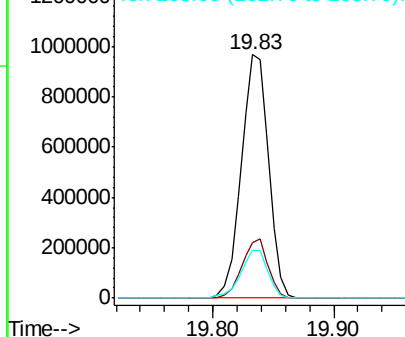
Lab File: BG044832.D

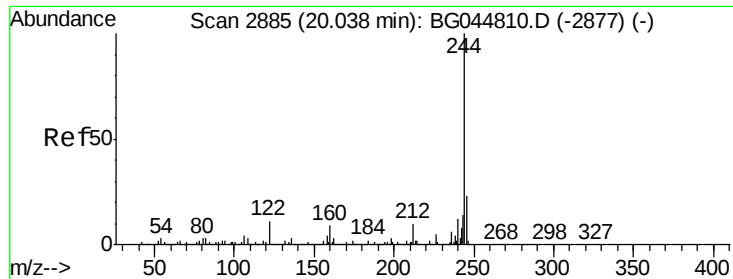
Acq: 17 Mar 2020 13:54

Tgt Ion:	202	Resp:	1519121
Ion Ratio		Lower	Upper
202	100		
200	22.7	18.3	27.5
203	19.4	15.6	23.4



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





#79

Terphenyl-d14

Concen: 66.362 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

ClientSampleId :

PB127544BS

Tot Ion:244 Resp: 1838576

Ion Ratio Lower Upper

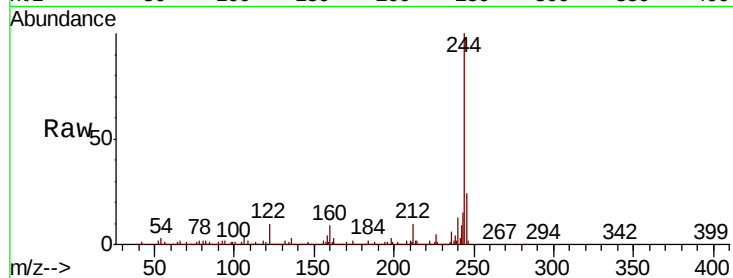
244 100

212 9.6 7.7 11.5

122 9.6 8.6 12.8

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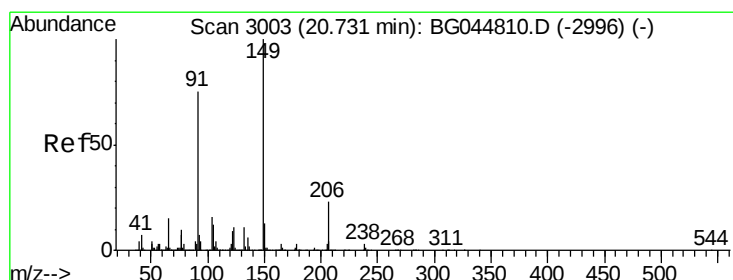
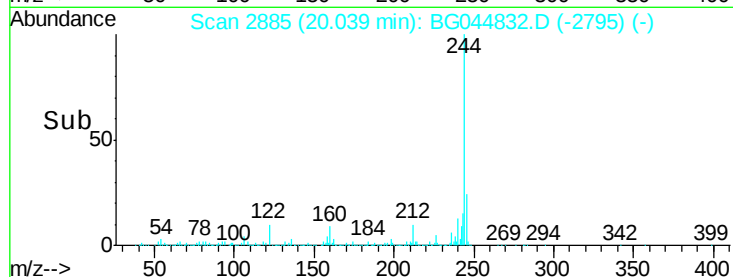
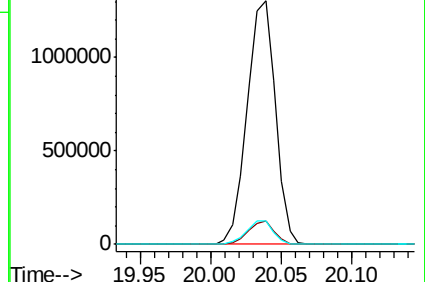
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.334 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

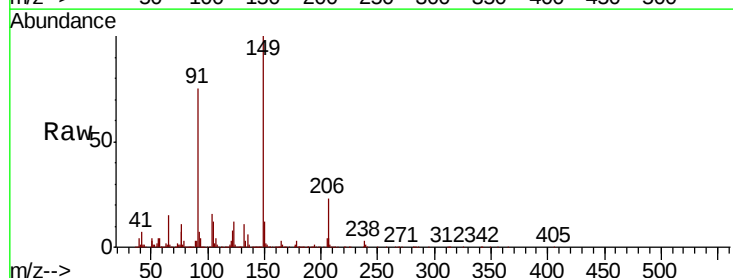
Tgt Ion:149 Resp: 631508

Ion Ratio Lower Upper

149 100

91 74.7 60.2 90.4

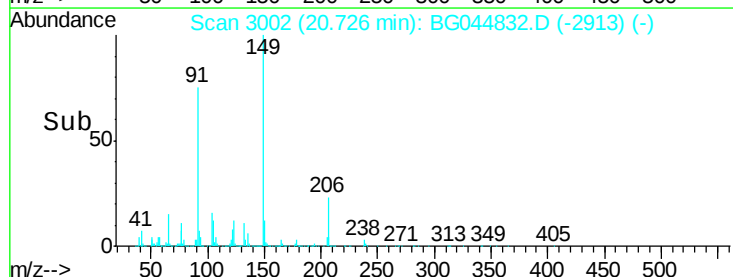
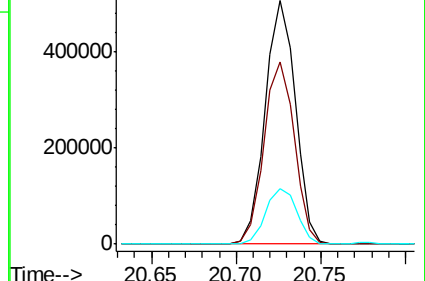
206 23.0 18.6 27.8

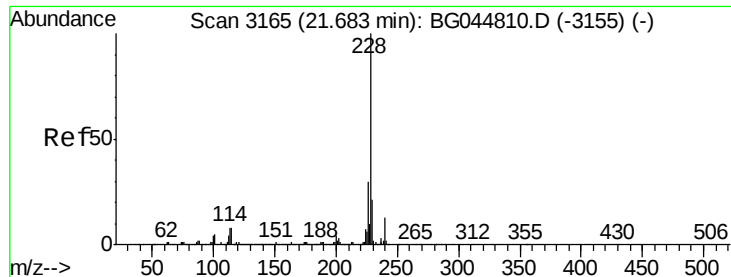


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.649 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

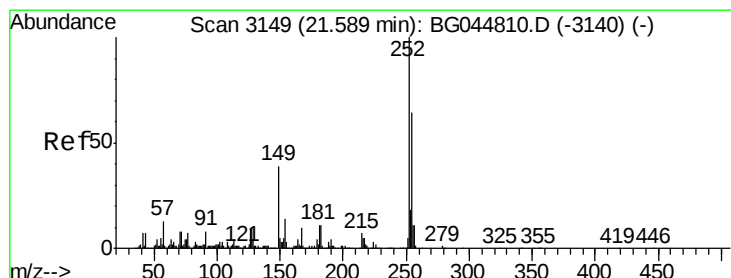
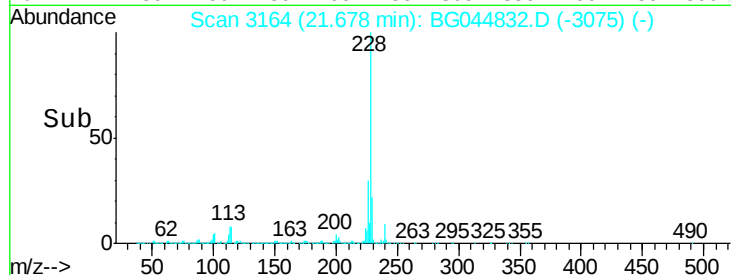
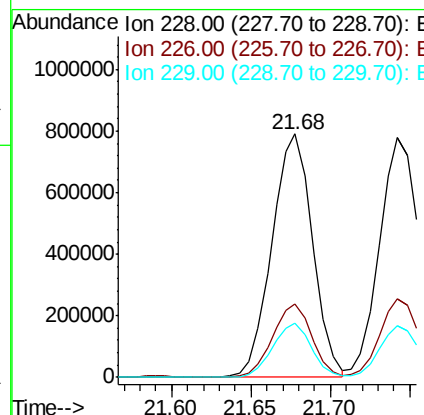
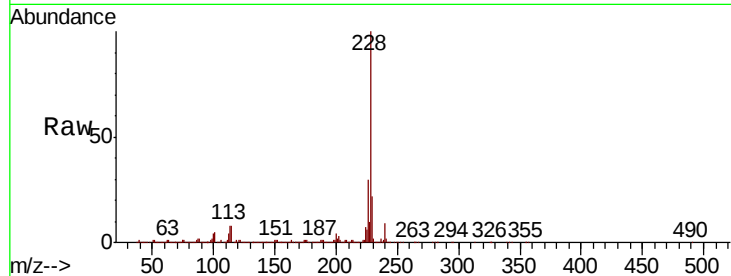
ClientSampled :

PB127544BS

Tot Ion:	228	Resp:	1404945
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	22.3	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 28.349 ng

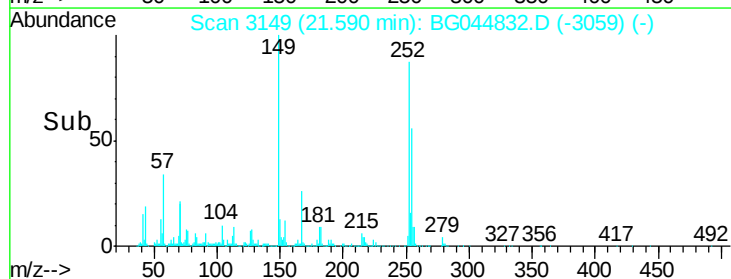
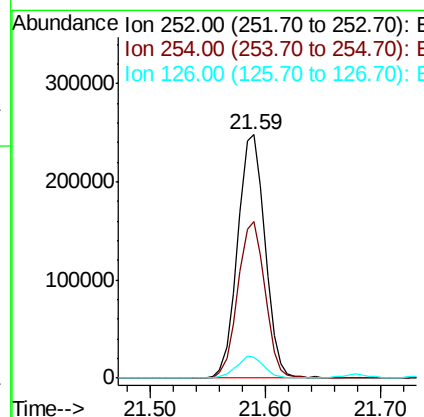
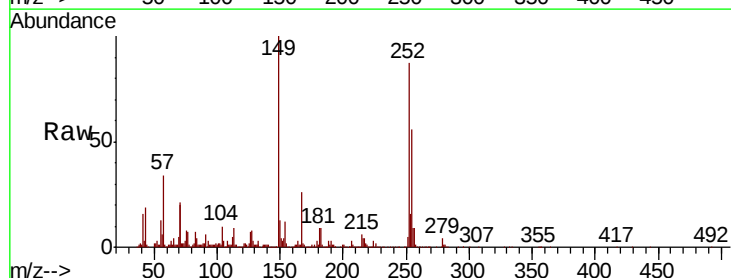
RT: 21.59 min Scan# 3149

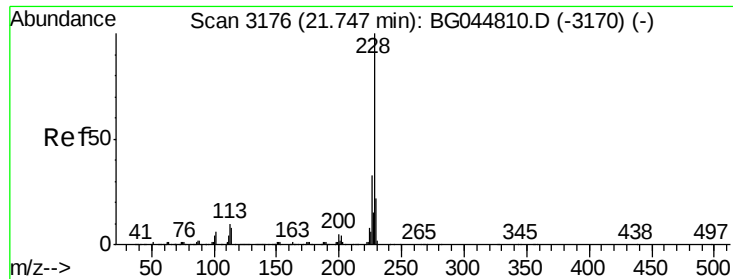
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	252	Resp:	409268
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.6	77.4
126	8.5	7.0	10.6





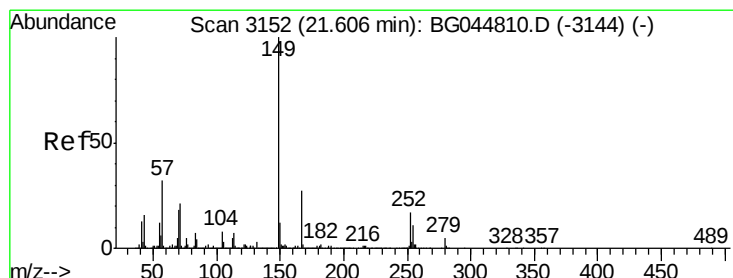
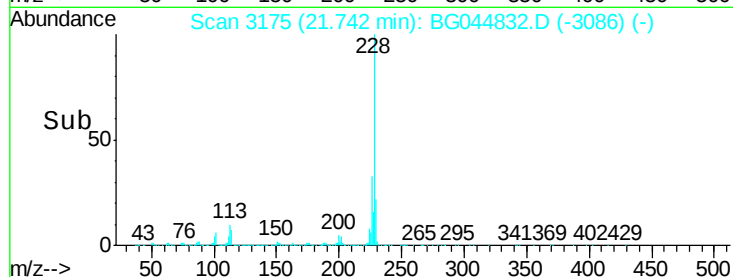
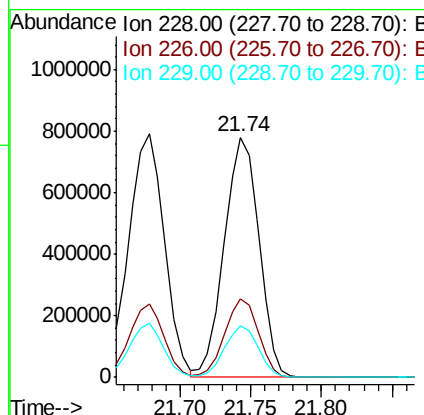
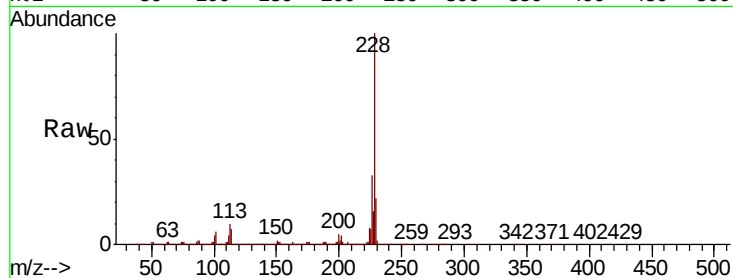
#83
 Chrysene
 Concen: 37.350 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.9	38.9
229	21.6	17.4	26.0

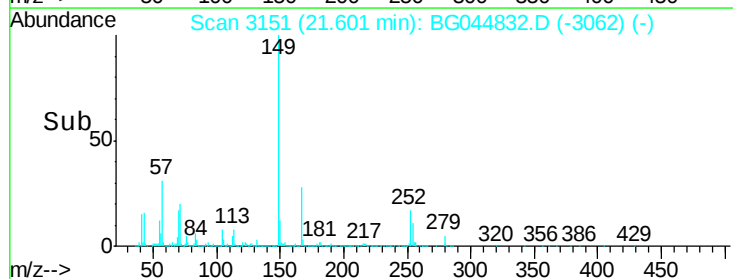
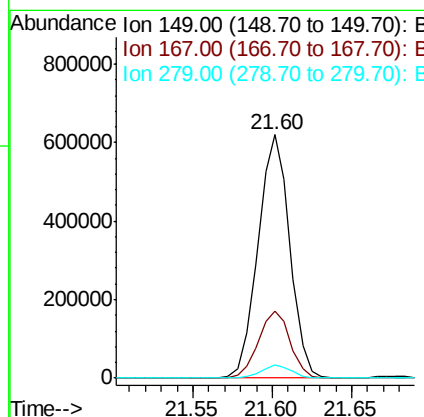
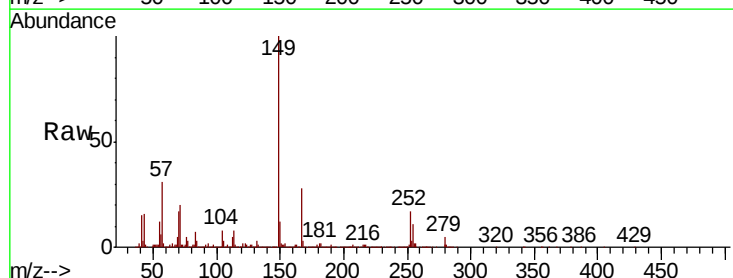
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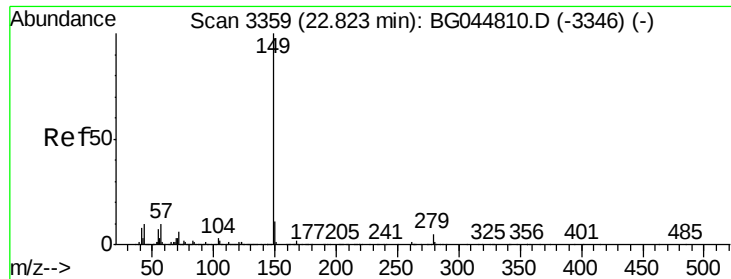
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.887 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG044832.D
 Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	5.2	3.8	5.6





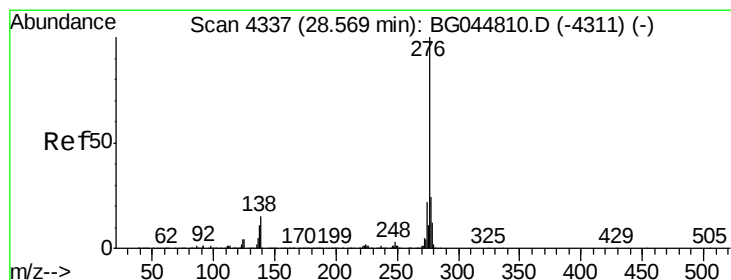
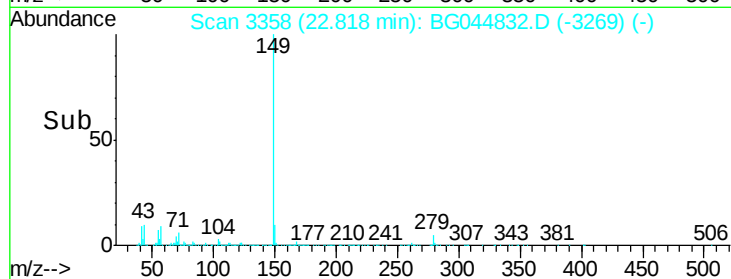
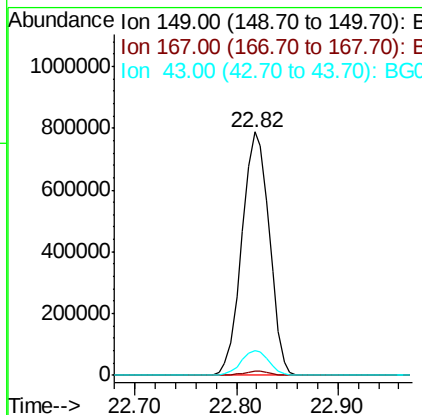
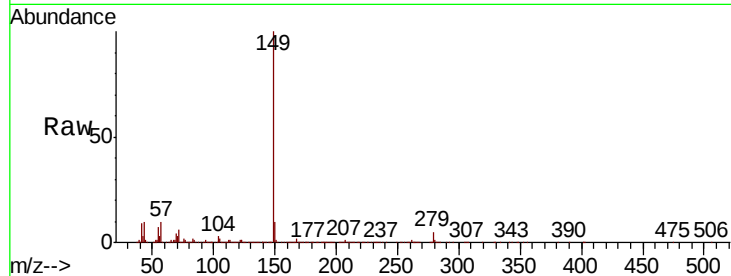
#85
Di-n-octyl phthalate
Concen: 37.763 ng
RT: 22.82 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.1	8.2	12.4

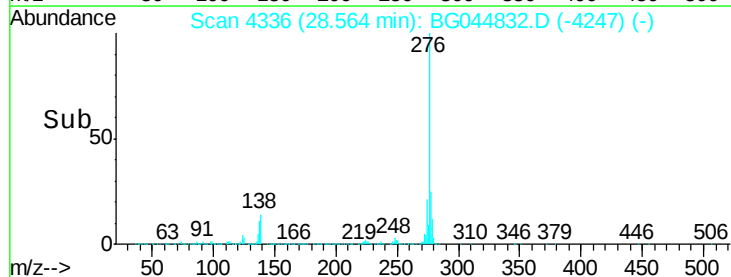
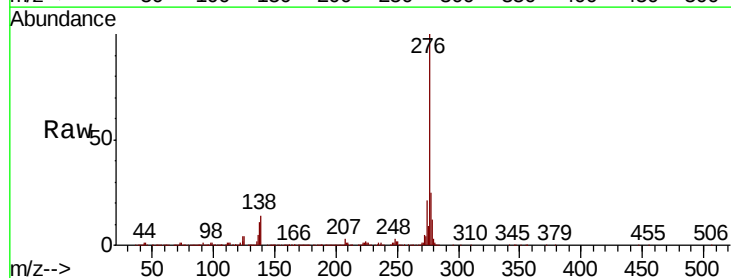
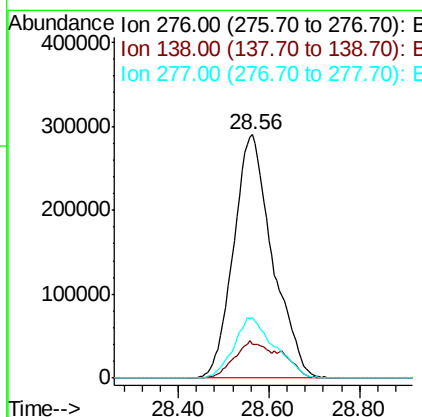
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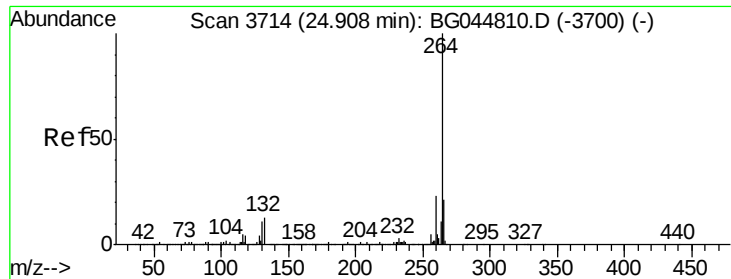
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.906 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.6	7.4	11.0#
277	26.1	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Instrument :

BNA_G

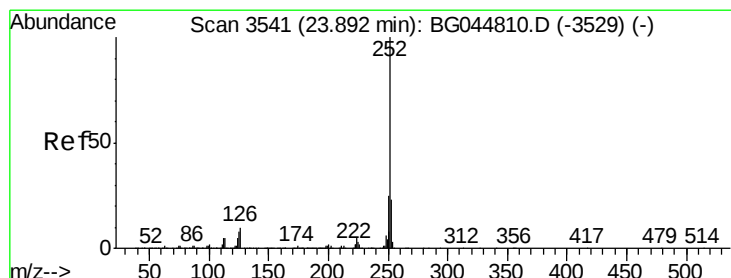
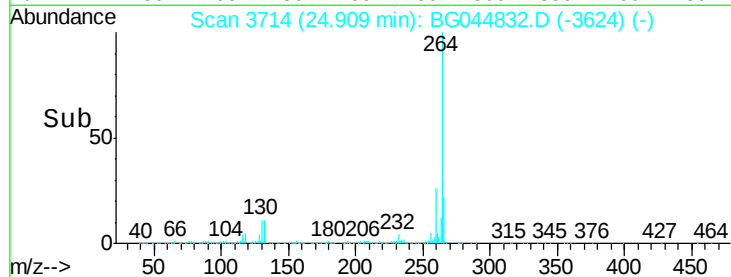
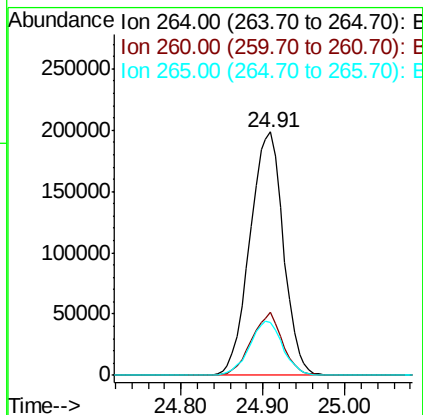
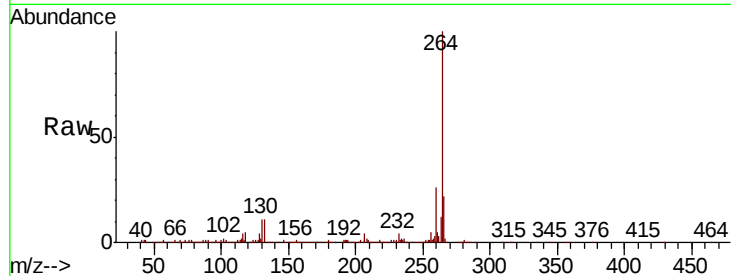
ClientSampled :

PB127544BS

Tot Ion:	264	Resp:	563517
Ion Ratio		Lower	Upper
264	100		
260	26.1	18.1	27.1
265	21.6	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 40.078 ng

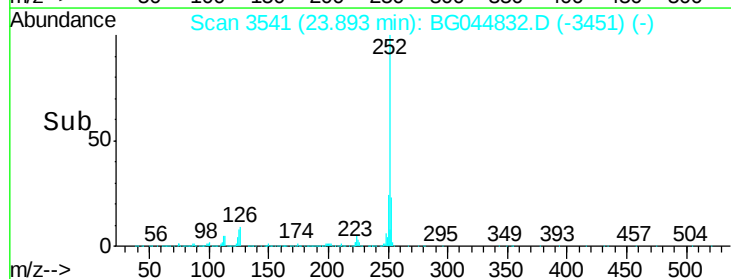
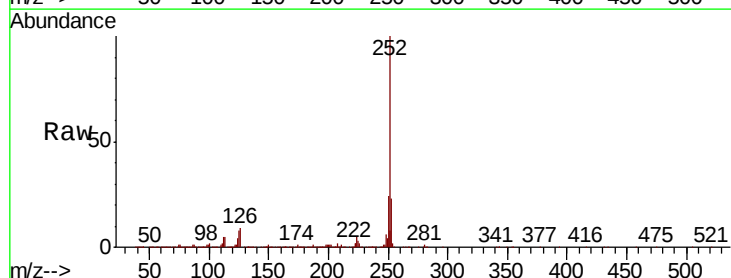
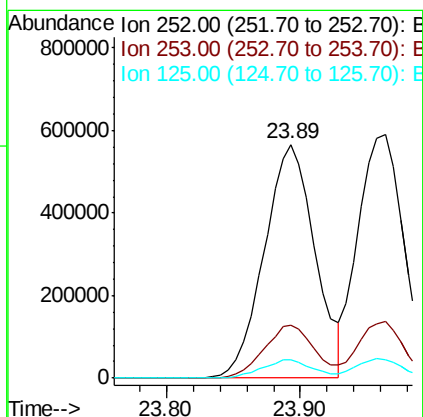
RT: 23.89 min Scan# 3541

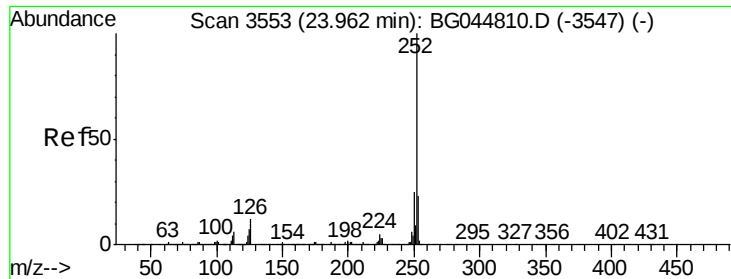
Delta R.T. 0.00 min

Lab File: BG044832.D

Acq: 17 Mar 2020 13:54

Tgt Ion:	252	Resp:	1490989
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.1	6.6	9.8





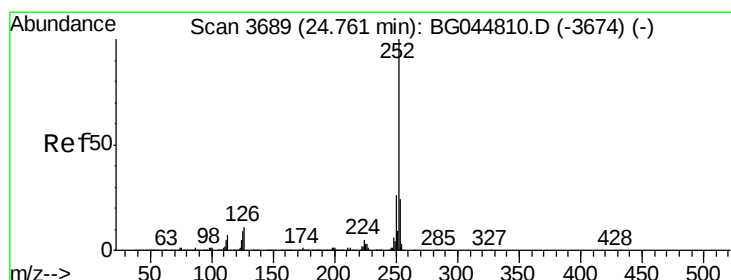
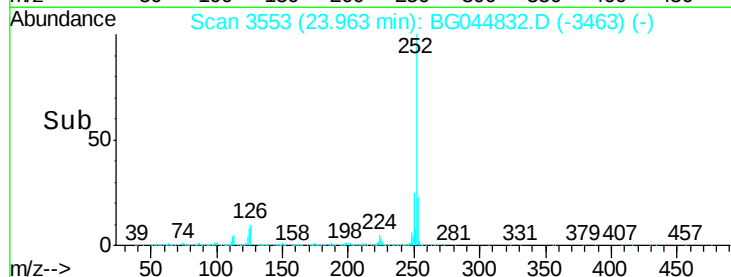
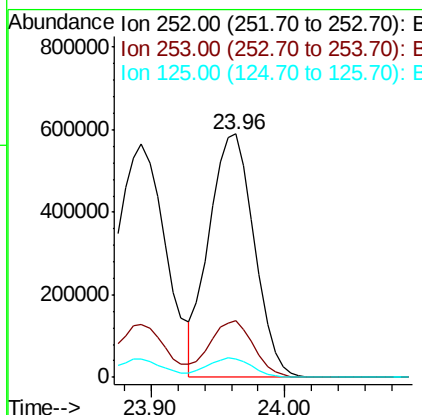
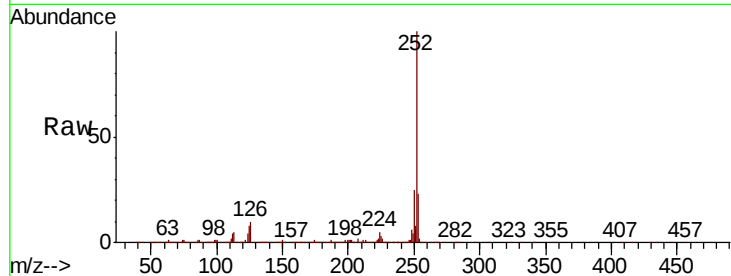
#89
Benzo(k)fluoranthene
Concen: 39.477 ng
RT: 23.96 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	7.8	6.2	9.2

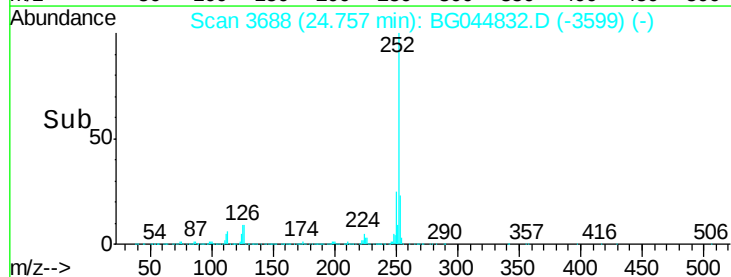
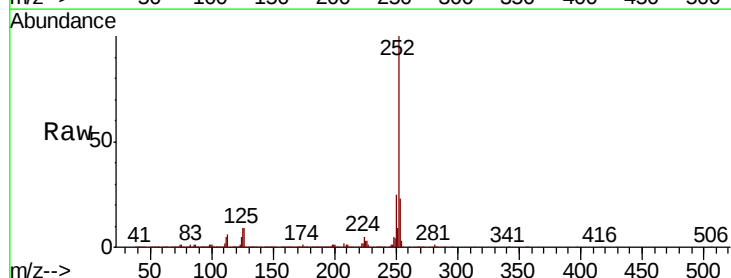
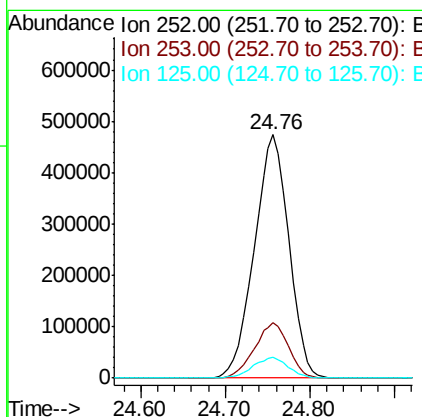
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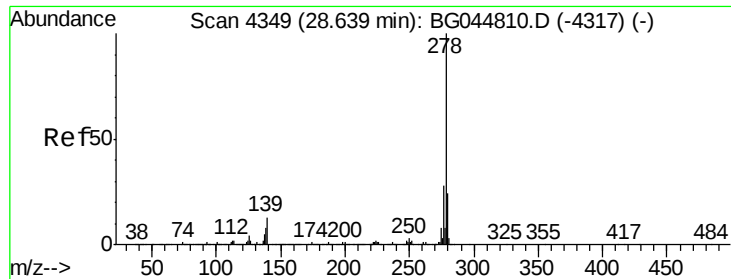
mohammad
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#90
Benzo(a)pyrene
Concen: 38.645 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.0
125	8.6	7.2	10.8





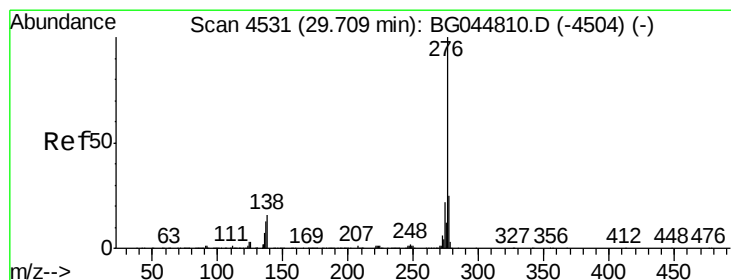
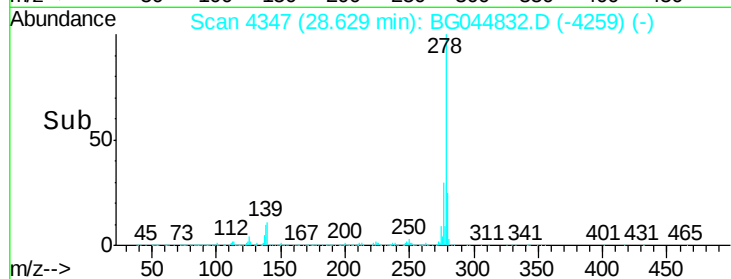
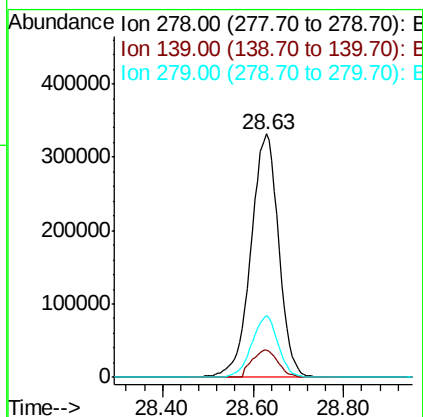
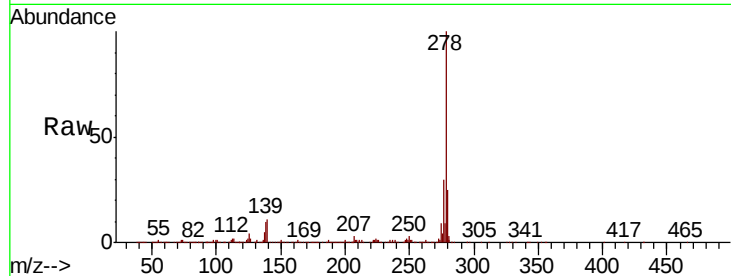
#91
Dibenzo(a,h)anthracene
Concen: 40.857 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.2	10.2	15.2
279	25.3	18.9	28.3

Manual Integrations
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3/18/2020 4:00:09 PM



#92
Benzo(g,h,i)perylene
Concen: 41.145 ng
RT: 29.70 min Scan# 4529
Delta R.T. -0.01 min
Lab File: BG044832.D
Acq: 17 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.1	30.1
138	14.3	13.0	19.6

