

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044577.D
 Acq On : 25 Feb 2020 15:05
 Operator : CG/JU
 Sample : PB126985BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BSD

Manual Integrations
 APPROVED

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 2/27/2020 5:02:58 PM

Quant Time: Feb 26 05:31:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	66979	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	284476	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	190534	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	447305	20.00	ng	0.00
76) Chrysene-d12	21.51	240	426992	20.00	ng	0.00
87) Perylene-d12	24.58	264	384203	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	506516	121.33	ng	0.00
7) Phenol-d6	7.06	99	673353	117.84	ng	0.00
23) Nitrobenzene-d5	9.04	82	352466	63.83	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	299766	110.96	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	820510	61.67	ng	0.00
79) Terphenyl-d14	19.88	244	1430701	63.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	72368	39.727	ng	97
3) Pyridine	3.72	79	144515	28.431	ng	98
4) n-Nitrosodimethylamine	3.64	42	77668	40.232	ng	98
6) Aniline	7.20	93	212419	30.533	ng	98
8) 2-Chlorophenol	7.44	128	199805	43.846	ng	97
9) Benzaldehyde	7.00	77	54131	16.110	ng	96
10) Phenol	7.08	94	247567	44.708	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	185696	39.891	ng	95
12) 1,3-Dichlorobenzene	7.77	146	204403	37.608	ng	100
13) 1,4-Dichlorobenzene	7.91	146	207891	38.059	ng	99
14) 1,2-Dichlorobenzene	8.23	146	201663	38.822	ng	99
15) Benzyl Alcohol	8.11	79	168350	43.685	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	240840	38.496	ng	97
17) 2-Methylphenol	8.33	107	173037	43.742	ng	98
18) Hexachloroethane	8.96	117	75597	37.870	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	143301	39.015	ng	97
20) 3+4-Methylphenols	8.66	107	236119	43.597	ng	97
22) Acetophenone	8.70	105	275051	38.510	ng	# 99
24) Nitrobenzene	9.08	77	207800	38.843	ng	99
25) Isophorone	9.60	82	402759	38.990	ng	100
26) 2-Nitrophenol	9.79	139	118030	40.682	ng	96
27) 2,4-Dimethylphenol	9.86	122	191647	47.046	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	252220	36.922	ng	98
29) 2,4-Dichlorophenol	10.33	162	204560	42.002	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	204484	36.305	ng	99
31) Naphthalene	10.73	128	594268	38.284	ng	98
32) Benzoic acid	10.03	122	115211	61.489	ng	99
33) 4-Chloroaniline	10.83	127	132983	19.451	ng	97
34) Hexachlorobutadiene	11.02	225	122548	34.646	ng	98
35) Caprolactam	11.62	113	78862m	45.233	ng	
36) 4-Chloro-3-methylphenol	11.97	107	210947	42.078	ng	97
37) 2-Methylnaphthalene	12.34	142	443701	38.676	ng	99
38) 1-Methylnaphthalene	12.56	142	419112	38.447	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	226371	35.291	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	178577	60.731	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	168884	40.550	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	181859	42.507	ng	97
46) 1,1'-Biphenyl	13.35	154	568636	36.064	ng	98
47) 2-Chloronaphthalene	13.40	162	444400	35.942	ng	99
48) 2-Nitroaniline	13.60	65	135868	39.587	ng	97
49) Acenaphthylene	14.24	152	704514	38.601	ng	100
50) Dimethylphthalate	13.98	163	586071	38.110	ng	100
51) 2,6-Dinitrotoluene	14.09	165	134937	39.785	ng	99
52) Acenaphthene	14.58	154	431151	37.059	ng	100
53) 3-Nitroaniline	14.42	138	103019	28.163	ng	95
54) 2,4-Dinitrophenol	14.64	184	174521	85.619	ng	99
55) Dibenzofuran	14.92	168	689268	38.645	ng	99
56) 4-Nitrophenol	14.75	139	266377	105.868	ng	99
57) 2,4-Dinitrotoluene	14.89	165	192262	40.320	ng	99
58) Fluorene	15.57	166	551998	39.033	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	166542	42.271	ng	98
60) Diethylphthalate	15.35	149	600625	39.417	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	290114	37.730	ng	97
62) 4-Nitroaniline	15.59	138	142533	38.915	ng	97
63) Azobenzene	15.86	77	521209	40.192	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	125428	45.286	ng	99
66) n-Nitrosodiphenylamine	15.78	169	526770	37.754	ng	99
67) 4-Bromophenyl-phenylether	16.46	248	197481	35.567	ng	98
68) Hexachlorobenzene	16.58	284	217556	34.657	ng	98
69) Atrazine	16.73	200	205914	39.920	ng	99
70) Pentachlorophenol	16.93	266	259392	84.040	ng	97
71) Phenanthrene	17.31	178	925837	37.386	ng	99
72) Anthracene	17.40	178	952069	39.012	ng	98
73) Carbazole	17.67	167	893002	40.200	ng	99
74) Di-n-butylphthalate	18.23	149	1101736	39.579	ng	98
75) Fluoranthene	19.32	202	1157204	39.474	ng	99
77) Benzidine	19.50	184	215745	14.750	ng	99
78) Pyrene	19.68	202	1163035	37.522	ng	98
80) Butylbenzylphthalate	20.57	149	506720	37.374	ng	97
81) Benzo(a)anthracene	21.49	228	1122583	37.407	ng	100
82) 3,3'-Dichlorobenzidine	21.41	252	339979	28.676	ng	99
83) Chrysene	21.55	228	1072267	36.954	ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	709101	37.957	ng	98
85) Di-n-octyl phthalate	22.57	149	1255966	38.212	ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1351548	36.295	ng	99
88) Benzo(b)fluoranthene	23.61	252	1190760	47.139	ng	98
89) Benzo(k)fluoranthene	23.67	252	1144842	46.709	ng	99
90) Benzo(a)pyrene	24.44	252	1081372	45.563	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1130174	48.149	ng	99
92) Benzo(g,h,i)perylene	29.15	276	1151458	48.963	ng	99

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

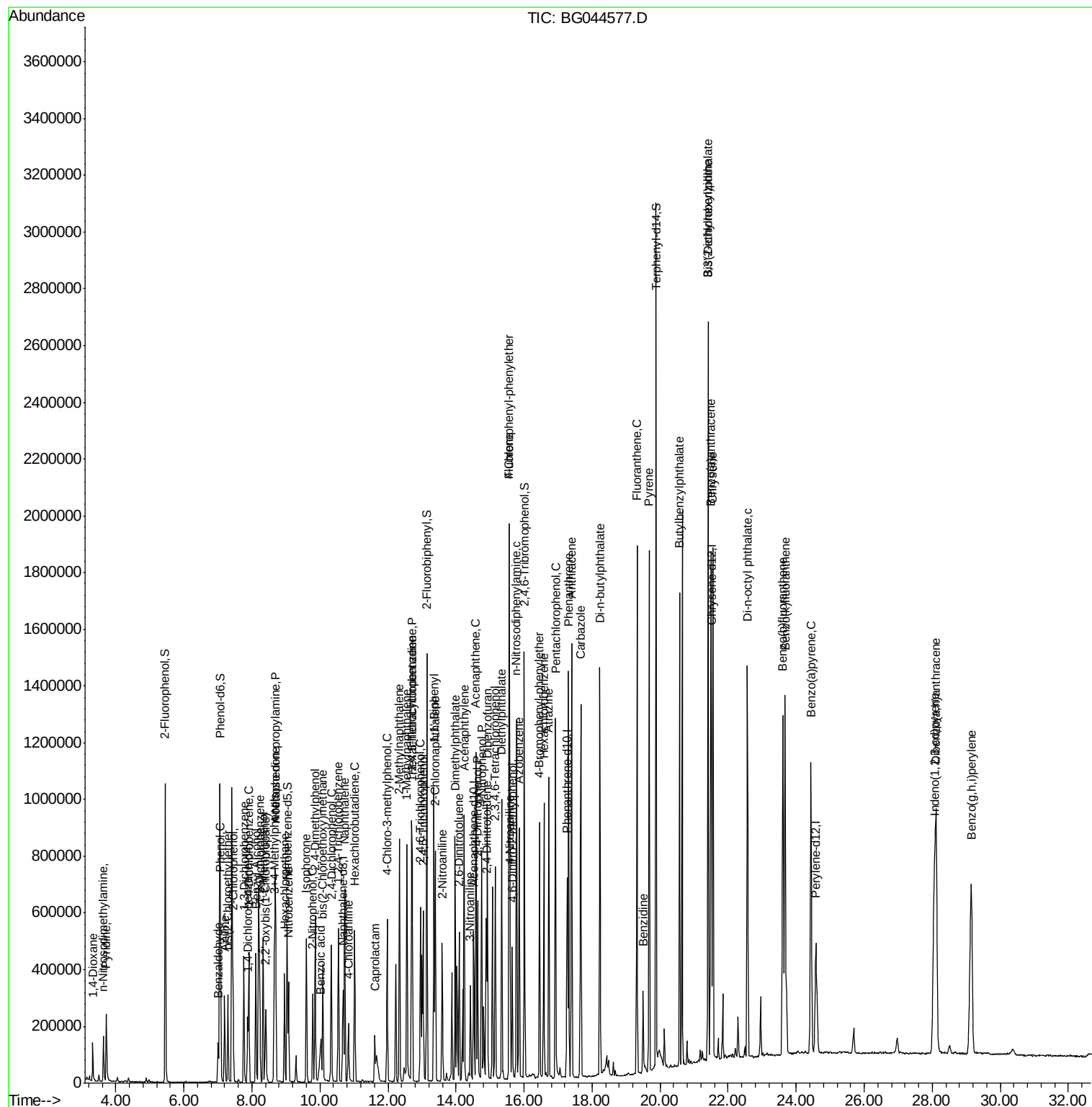
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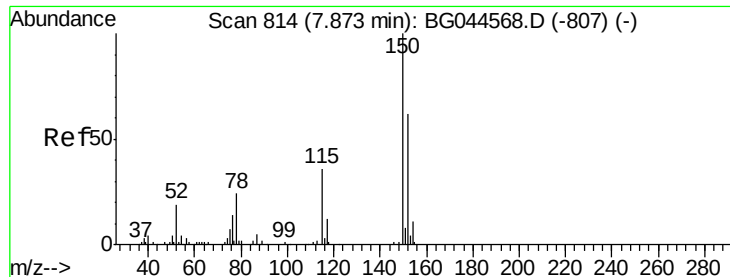
Instrument :
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#1

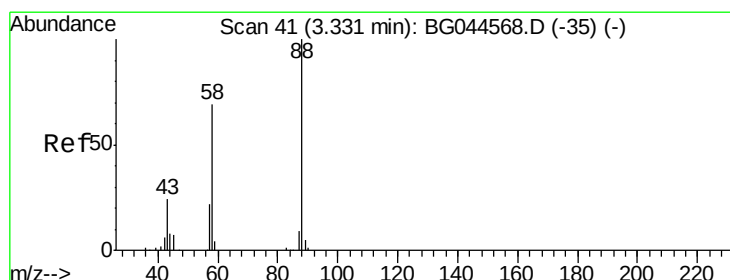
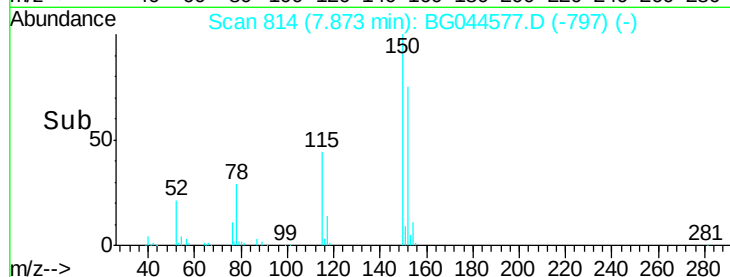
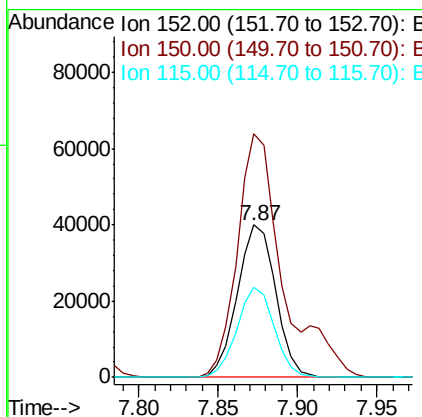
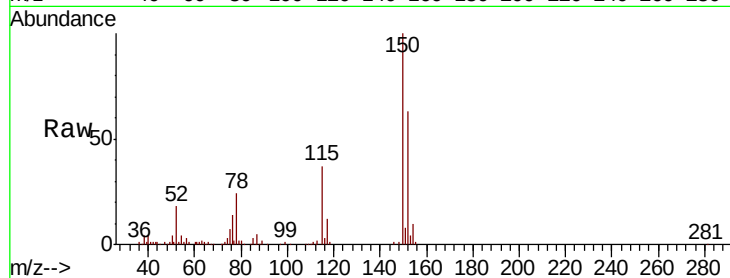
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	128.9	193.3
115	58.8	47.0	70.4

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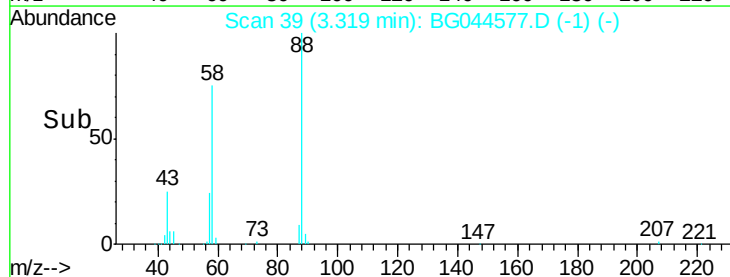
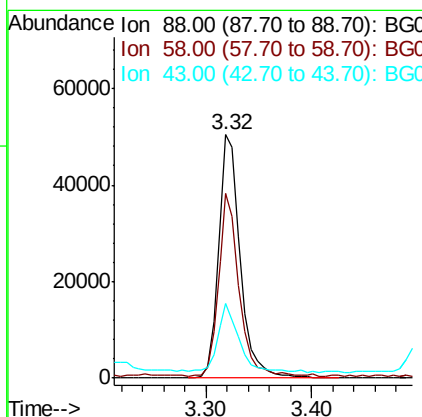
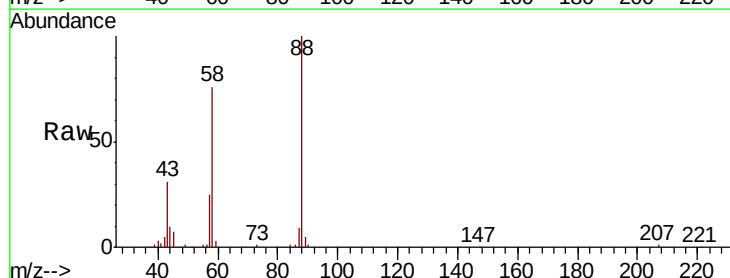
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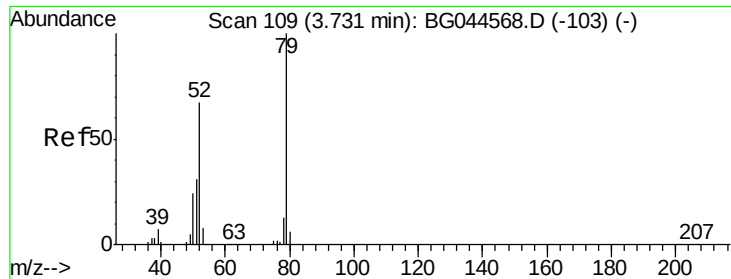


#2

1,4-Dioxane
Concen: 39.727 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.8
43	29.0	20.6	31.0





#3

Pvridine

Concen: 28.431 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

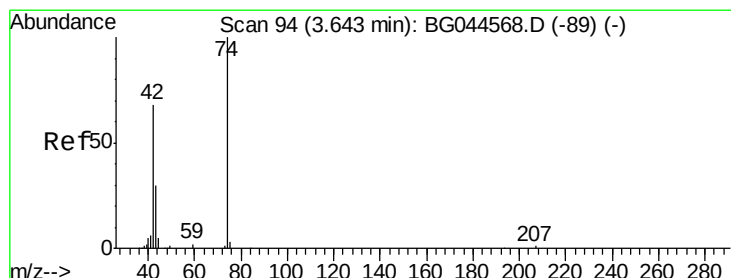
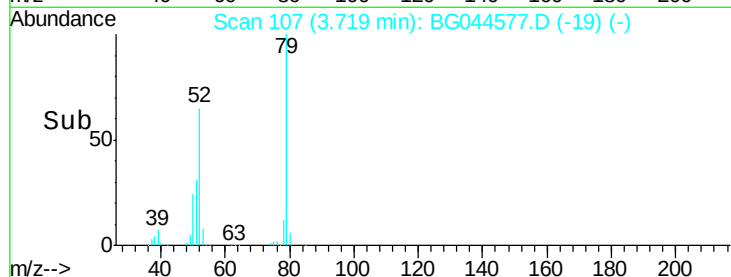
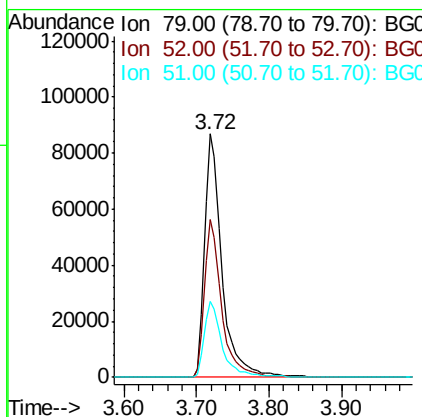
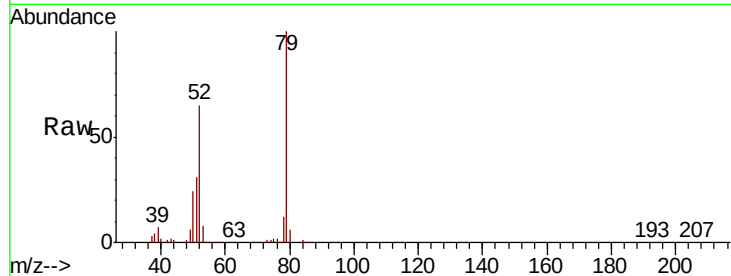
ClientSampleId :

PB126985BSD

Tot Ion:	79	Resp:	144515
Ion	Ratio	Lower	Upper
79	100		
52	64.9	53.7	80.5
51	31.0	25.4	38.0

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#4

n-Nitrosodimethylamine

Concen: 40.232 ng

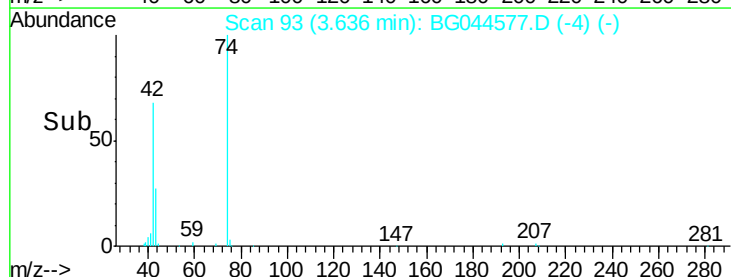
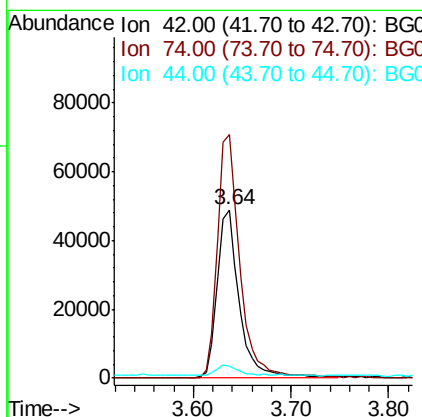
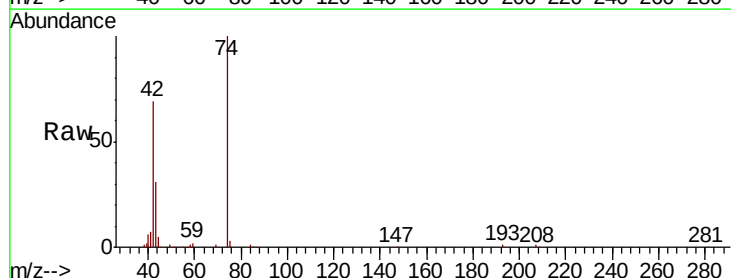
RT: 3.64 min Scan# 93

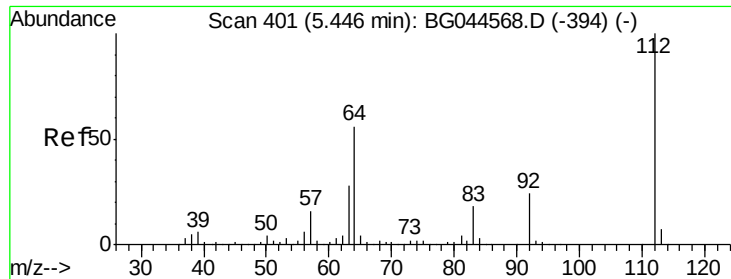
Delta R.T. -0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:	42	Resp:	77668
Ion	Ratio	Lower	Upper
42	100		
74	144.7	117.6	176.4
44	7.2	6.3	9.5





#5

2-Fluorophenol

Concen: 121.335 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

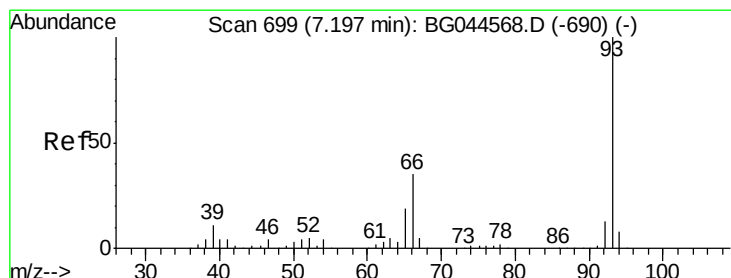
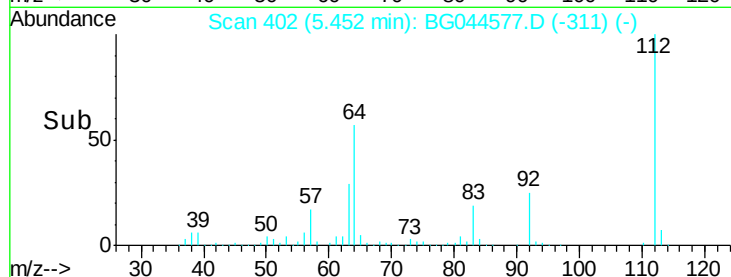
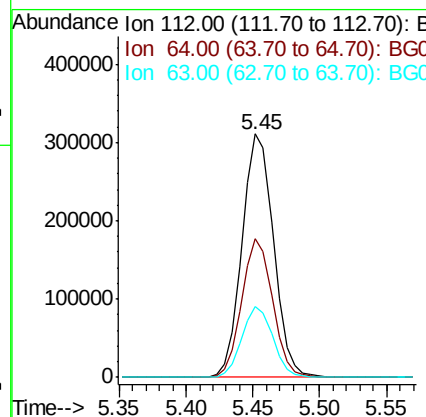
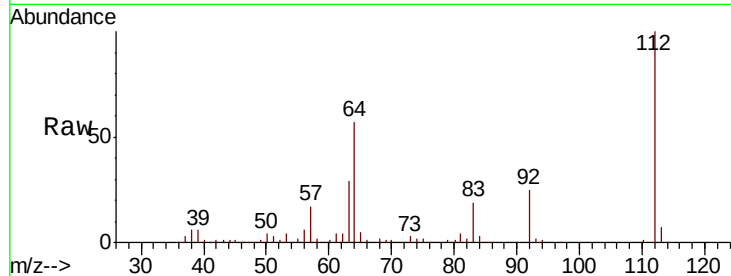
ClientSampleId :

PB126985BSD

Tot Ion:	112	Resp:	506516
Ion Ratio	Lower	Upper	
112	100		
64	57.1	44.8	67.2
63	29.3	22.3	33.5

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#6

Aniline

Concen: 30.533 ng

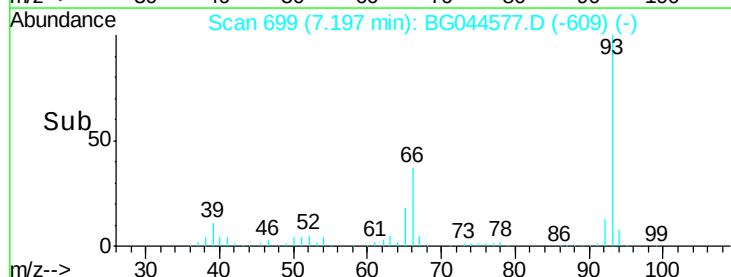
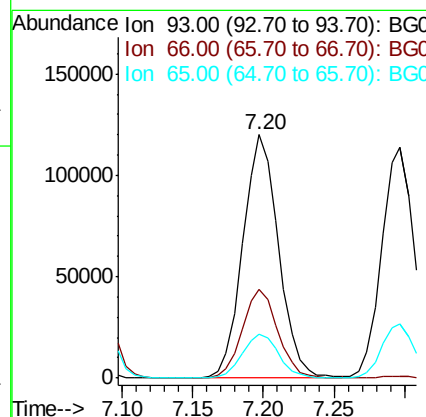
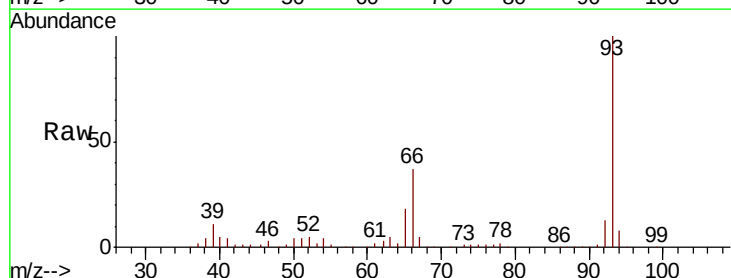
RT: 7.20 min Scan# 699

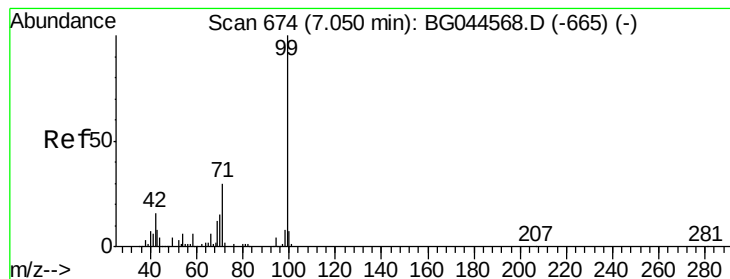
Delta R.T. -0.00 min

Lab File: BG044577.D

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Tgt Ion:	93	Resp:	212419
Ion Ratio	Lower	Upper	
93	100		
66	36.7	27.8	41.8
65	18.3	14.9	22.3





#7

Phenol-d6

Concen: 117.840 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

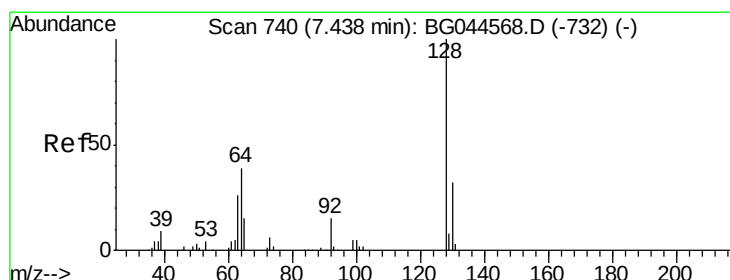
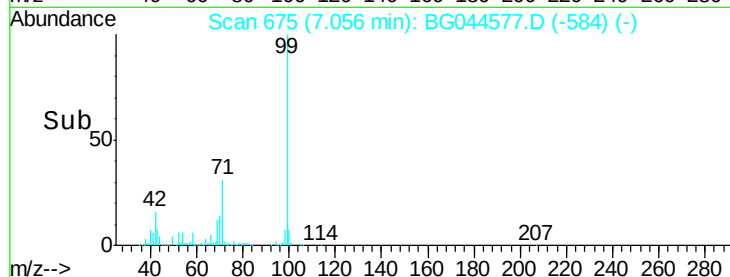
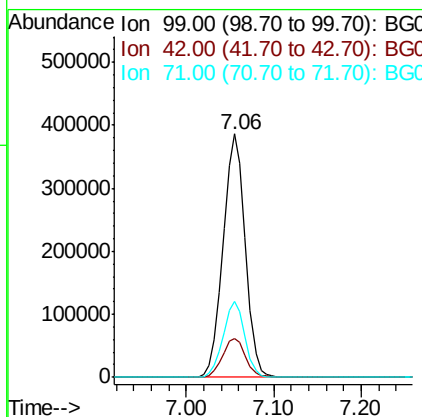
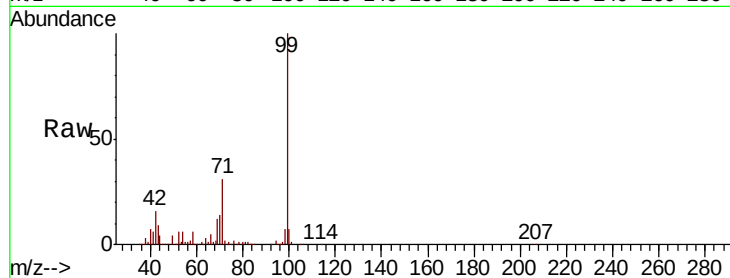
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Tot Ion:	99	Resp:	673353
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	31.0	24.4	36.6

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#8

2-Chlorophenol

Concen: 43.846 ng

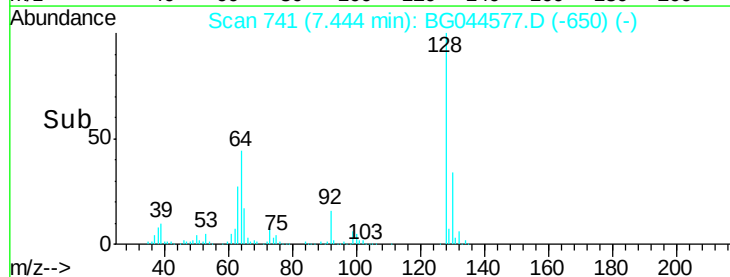
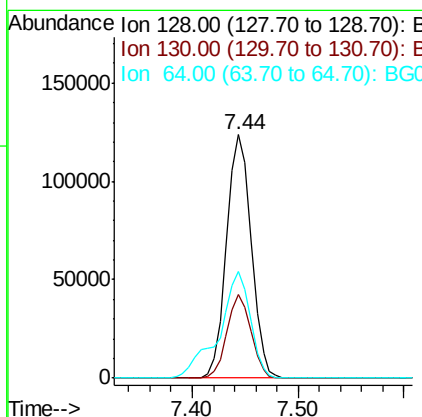
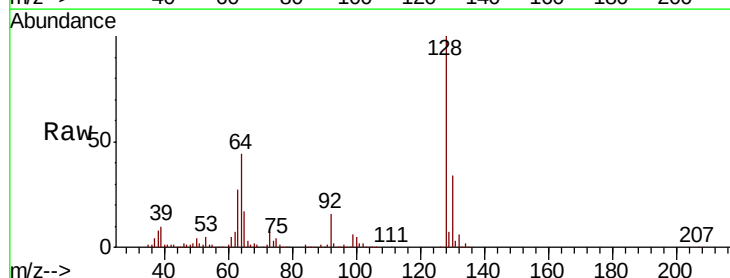
RT: 7.44 min Scan# 741

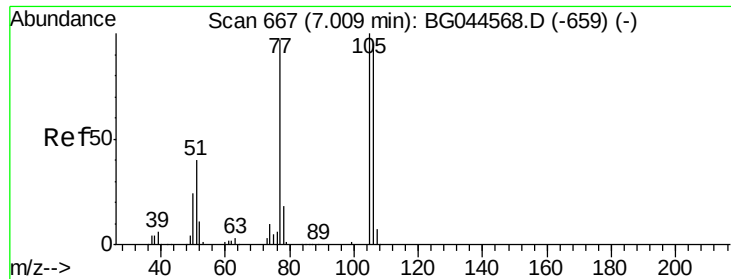
Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:	128	Resp:	199805
Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.3	52.3
64	43.7	22.5	62.5





#9

Benzaldehyde

Concen: 16.110 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

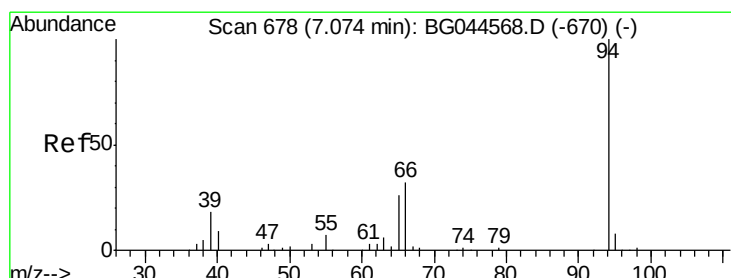
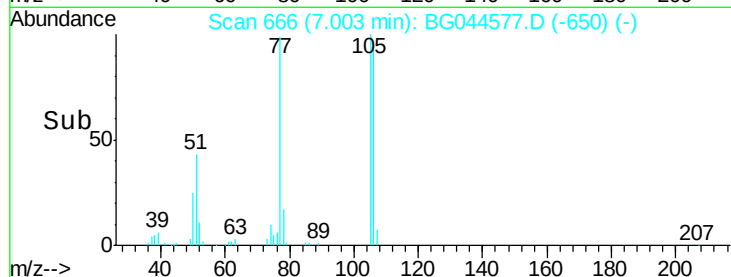
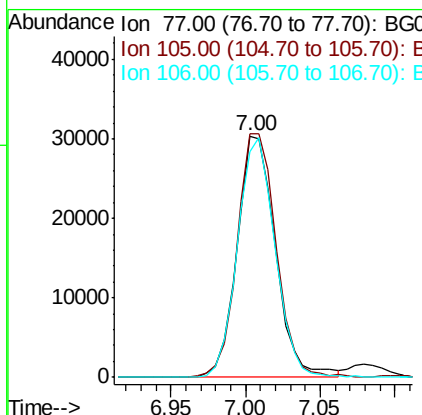
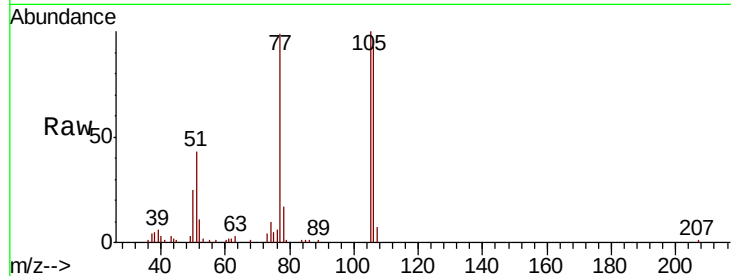
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	83.6	123.6
106	93.7	78.2	118.2

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#10

Phenol

Concen: 44.708 ng

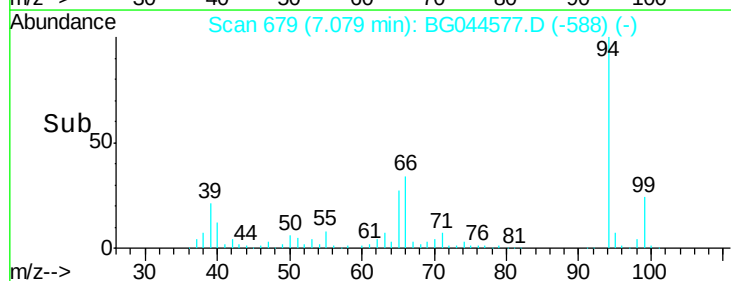
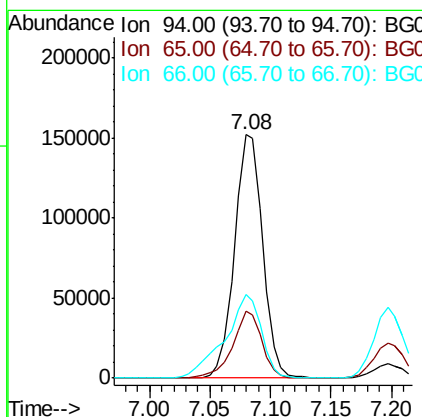
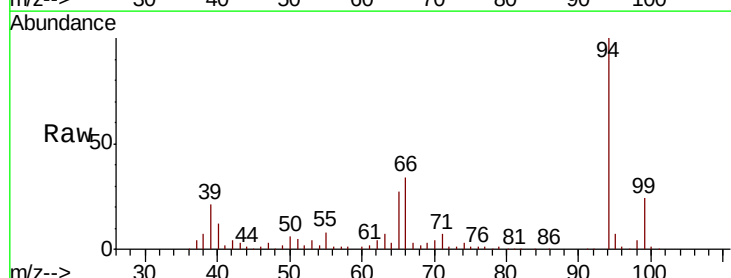
RT: 7.08 min Scan# 679

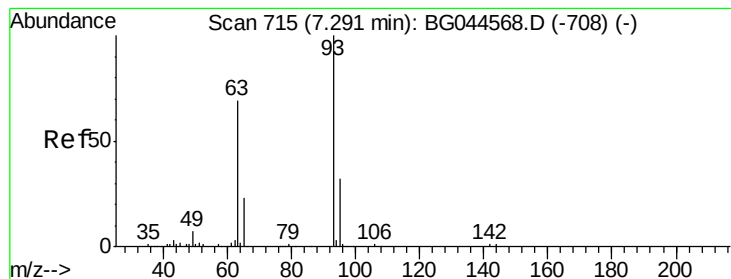
Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	6.4	46.4
66	34.3	13.9	53.9





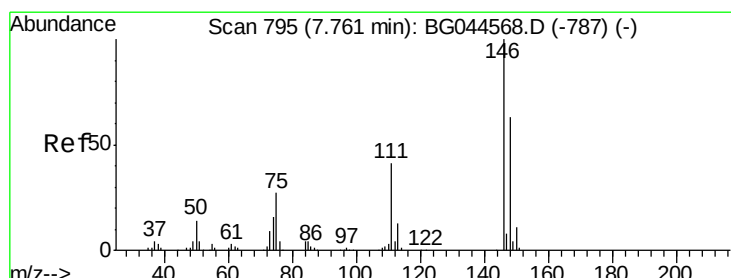
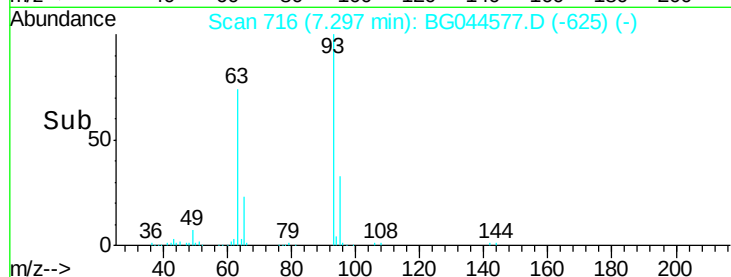
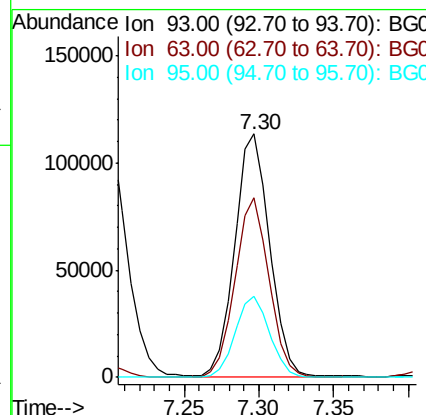
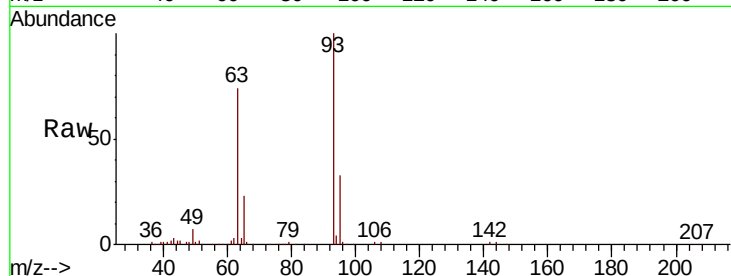
#11
bis(2-Chloroethyl)ether
Concen: 39.891 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	185696		
63	73.7		48.9	88.9
95	33.1		11.3	51.3

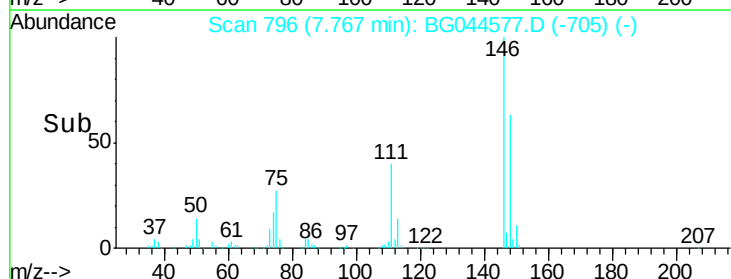
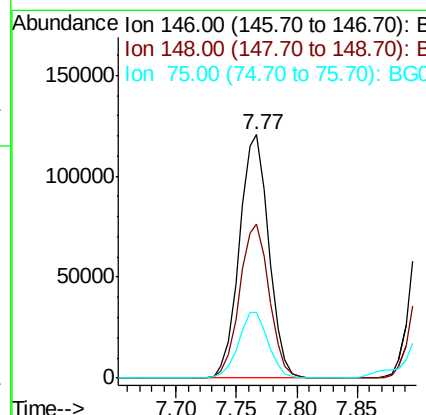
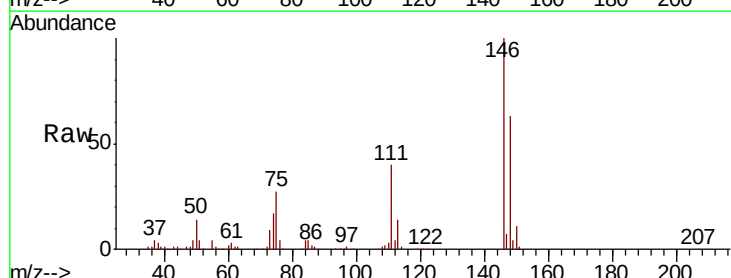
Manual Integrations
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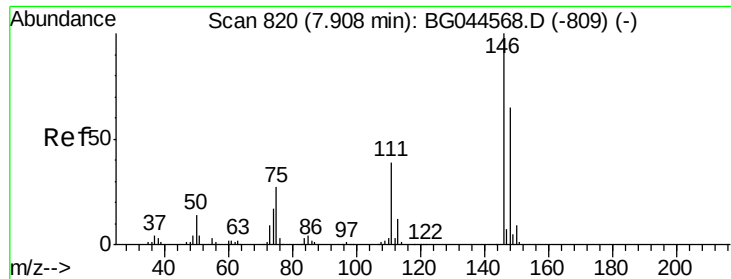
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.608 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	204403		
148	63.5		50.6	75.8
75	26.8		21.4	32.0





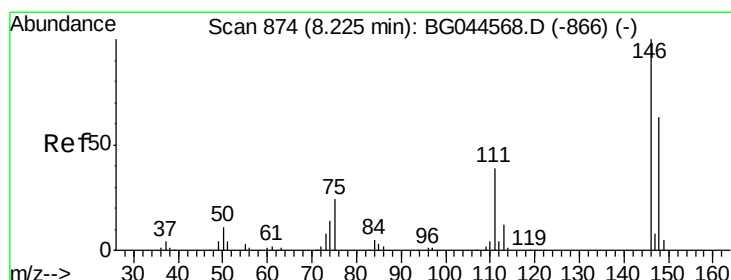
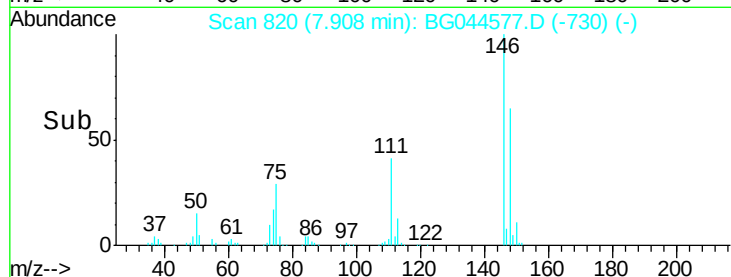
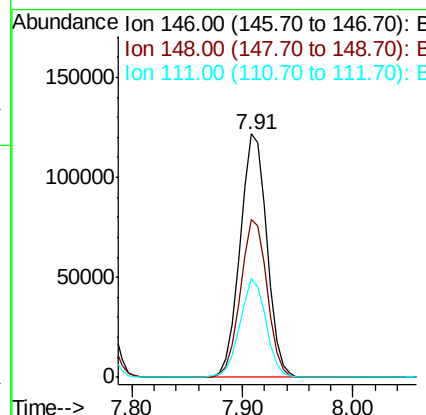
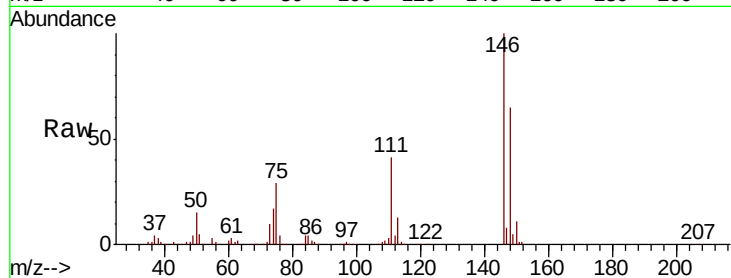
#13
1,4-Dichlorobenzene
Concen: 38.059 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	40.5	30.8	46.2

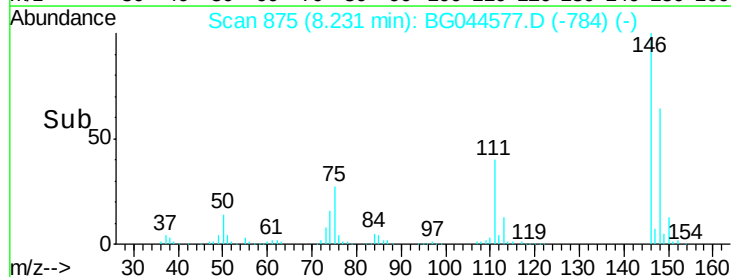
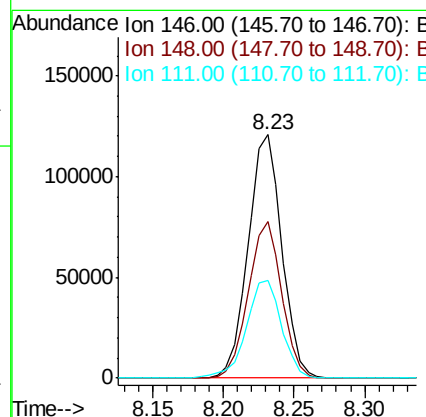
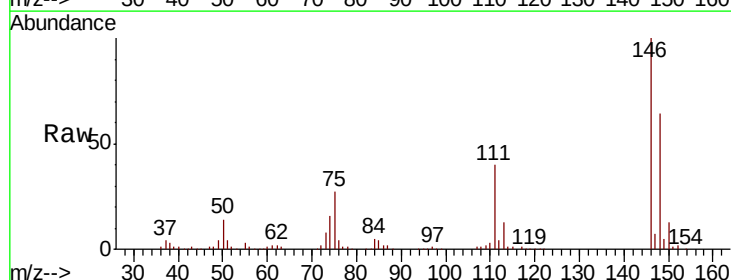
Manual Integrations
APPROVED

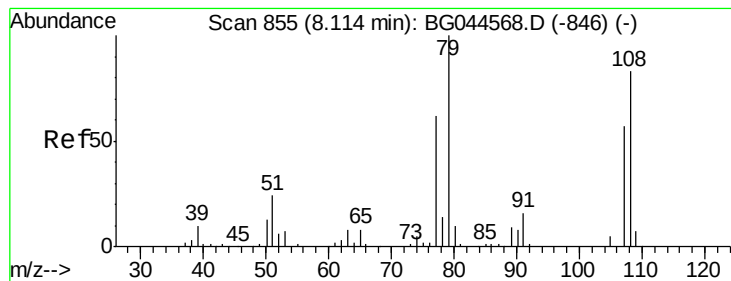
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.822 ng
RT: 8.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	40.3	31.8	47.6





#15

Benzyl Alcohol

Concen: 43.685 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

PB126985BSD

Tot Ion: 79 Resp: 168350

Ion Ratio Lower Upper

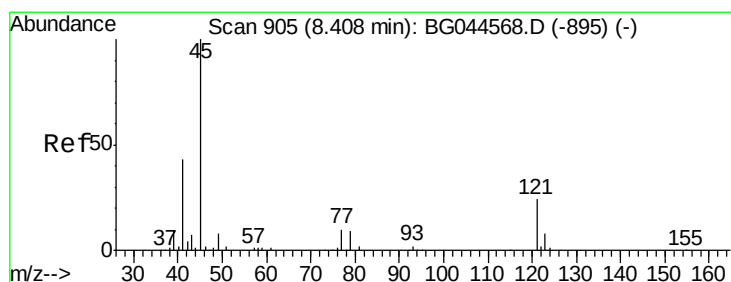
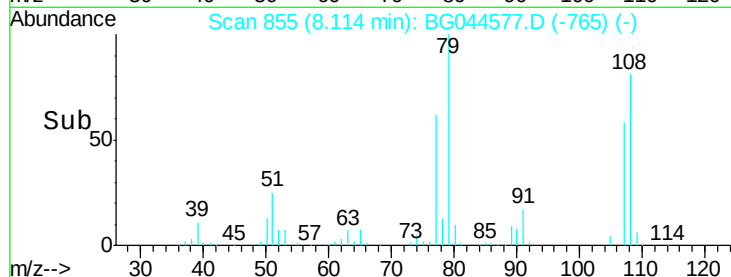
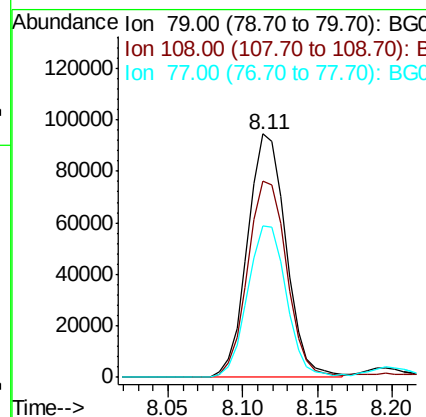
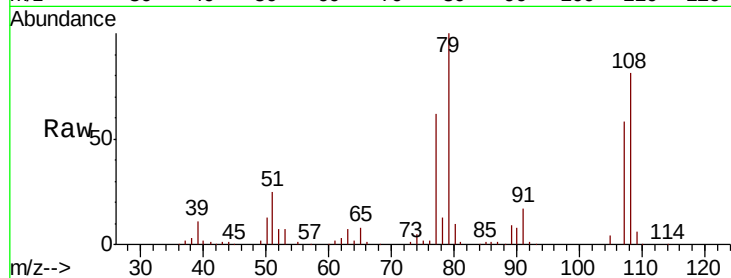
79 100

108 80.8 66.0 99.0

77 62.0 49.6 74.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.496 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

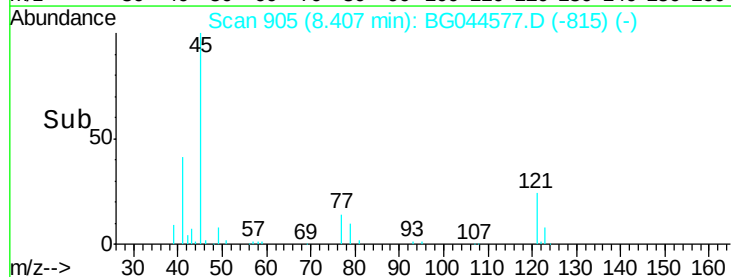
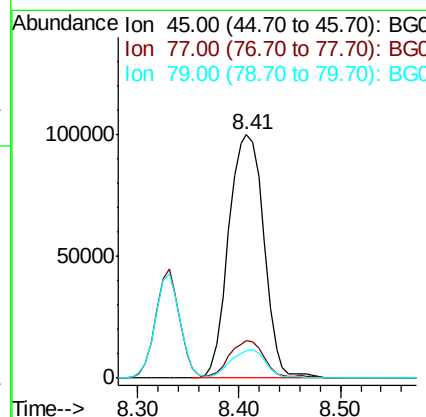
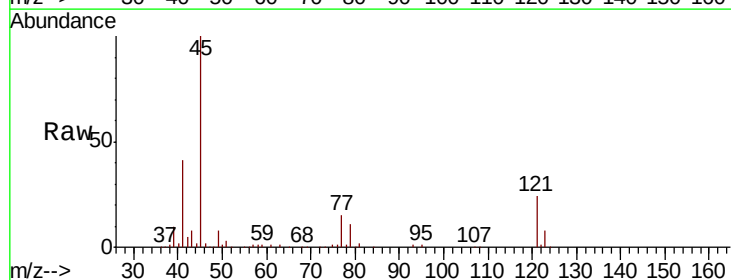
Tgt Ion: 45 Resp: 240840

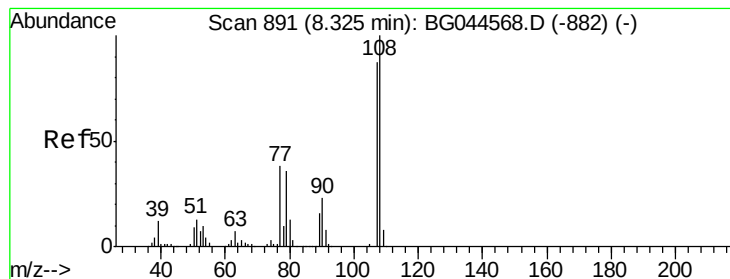
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.4

79 11.1 0.0 32.3





#17

2-Methylphenol

Concen: 43.742 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

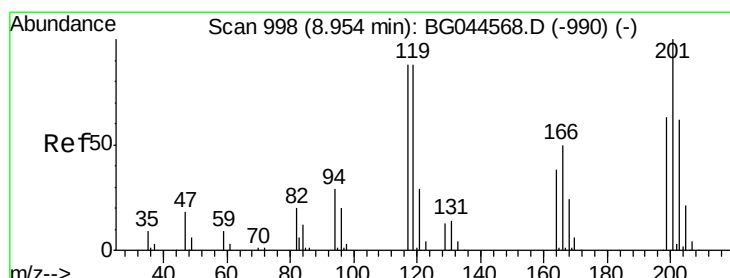
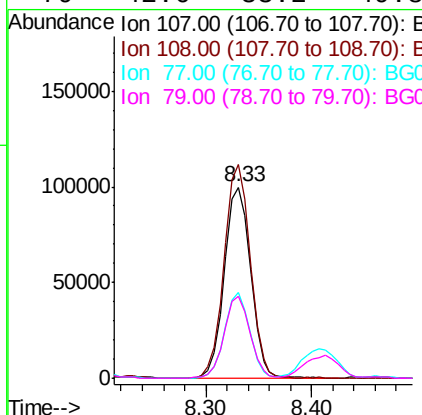
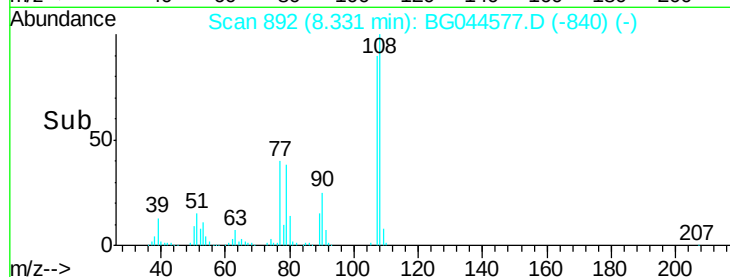
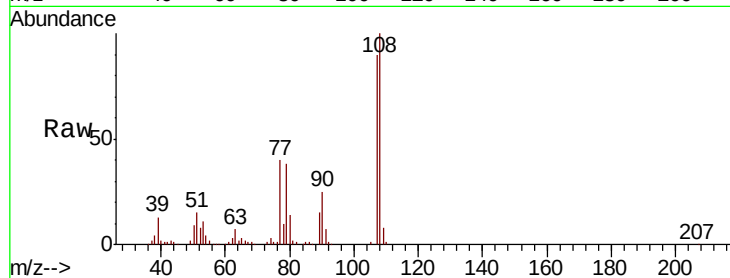
ClientSampleId :

PB126985BSD

Tot Ion:	107	Resp:	173037
Ion Ratio	Lower	Upper	
107	100		
108	111.7	91.7	137.5
77	44.7	35.1	52.7
79	42.6	33.2	49.8

Manual Integrations
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#18

Hexachloroethane

Concen: 37.870 ng

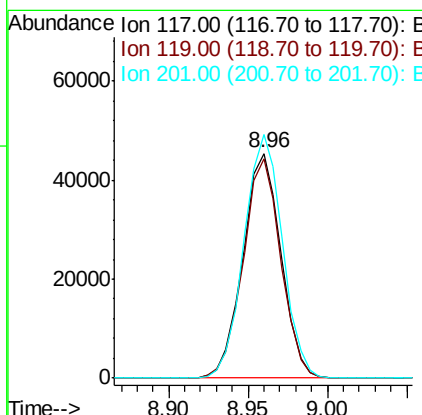
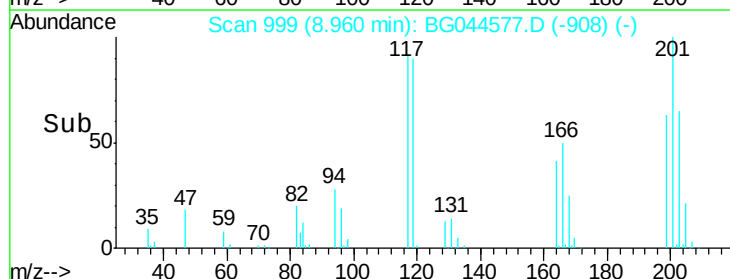
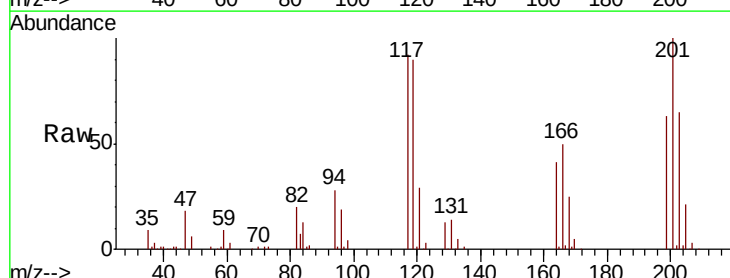
RT: 8.96 min Scan# 999

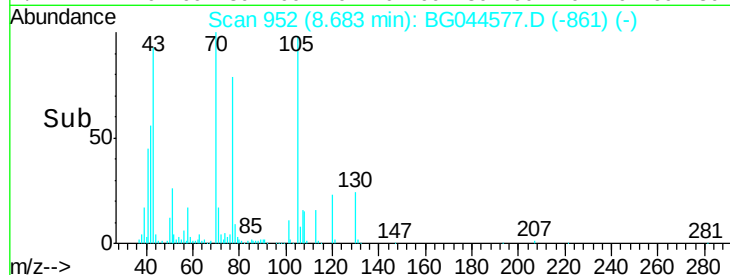
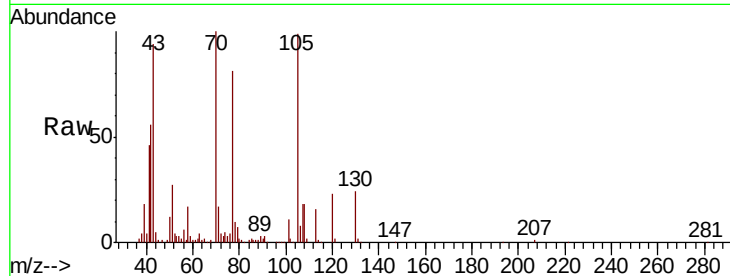
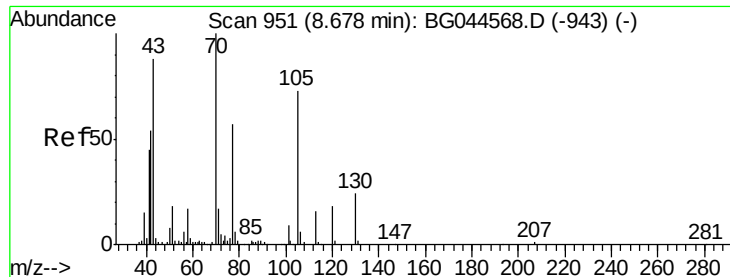
Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:	117	Resp:	75597
Ion Ratio	Lower	Upper	
117	100		
119	97.9	80.0	120.0
201	108.4	90.5	135.7





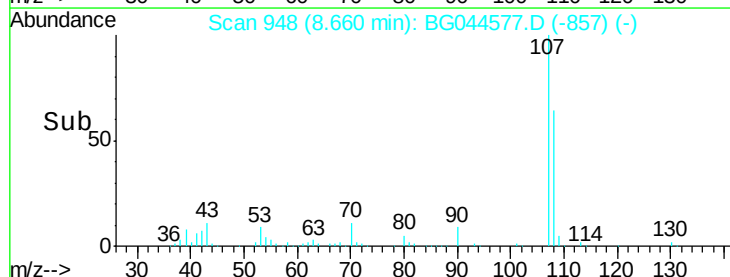
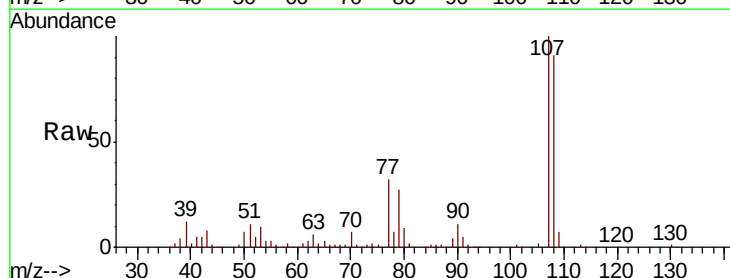
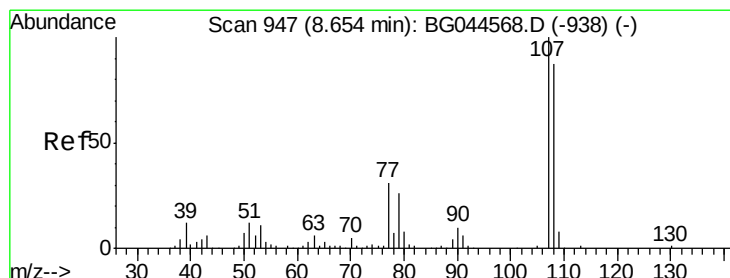
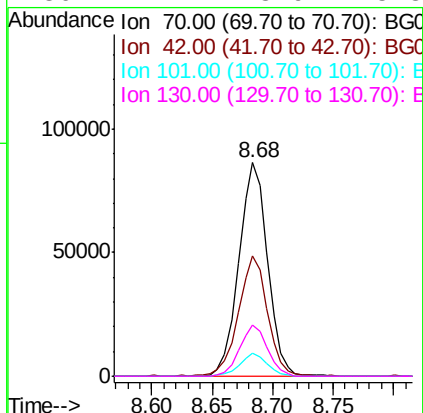
#19
n-Nitroso-di-n-propylamine
Concen: 39.015 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	43.4	65.0	
101	10.8	7.5	11.3	
130	24.1	18.9	28.3	

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

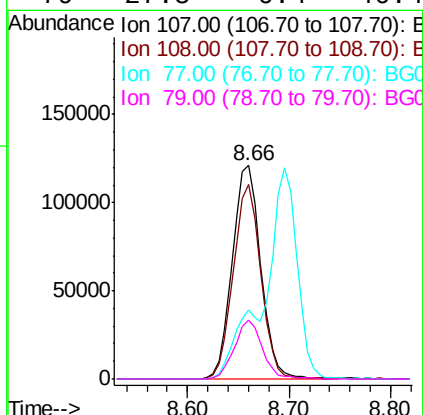
Manual Integrations
APPROVED

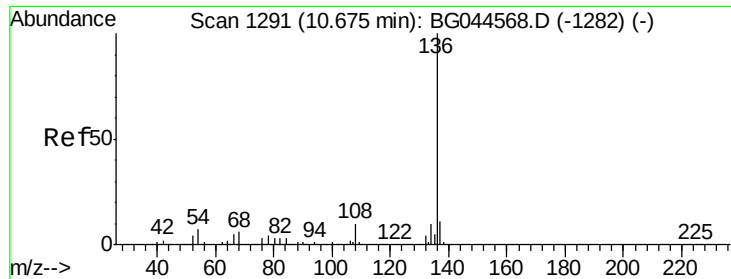
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#20
3+4-Methylphenols
Concen: 43.597 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	67.5	107.5	
77	32.4	11.3	51.3	
79	27.5	6.4	46.4	





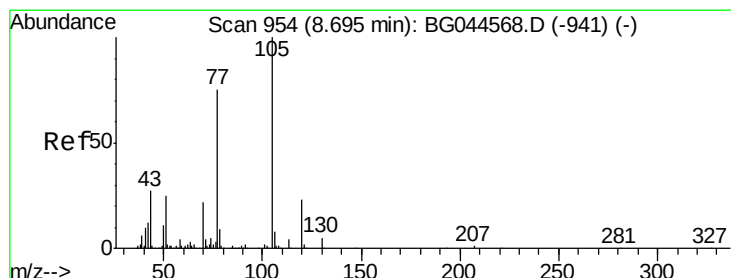
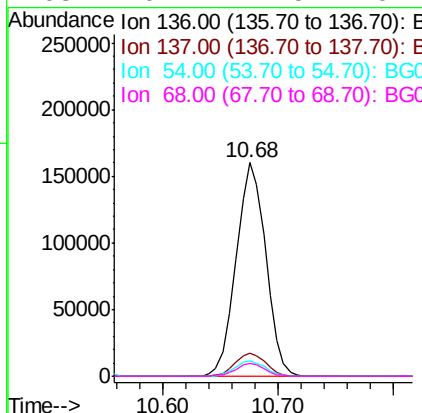
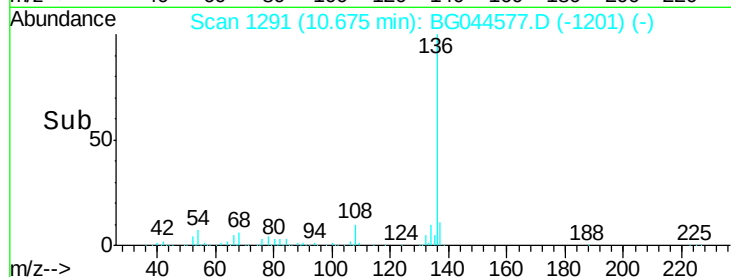
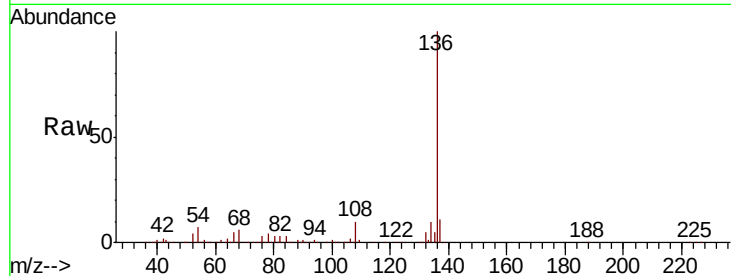
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	284476		
137	10.7		8.8	13.2
54	7.1		5.7	8.5
68	6.2		4.5	6.7

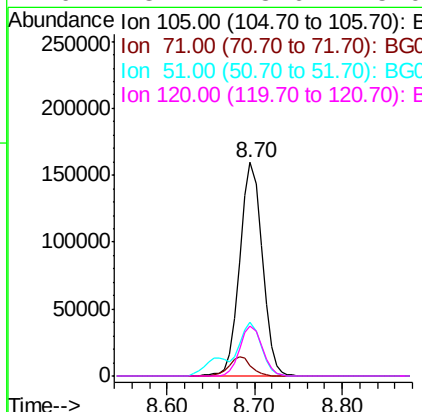
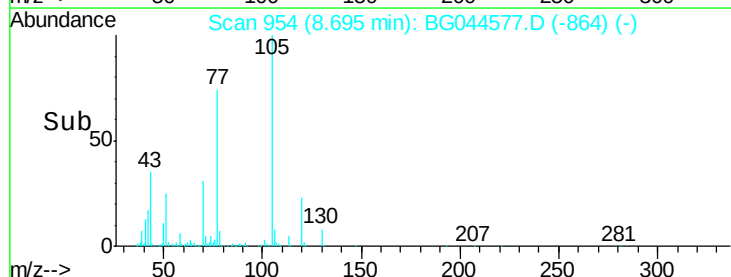
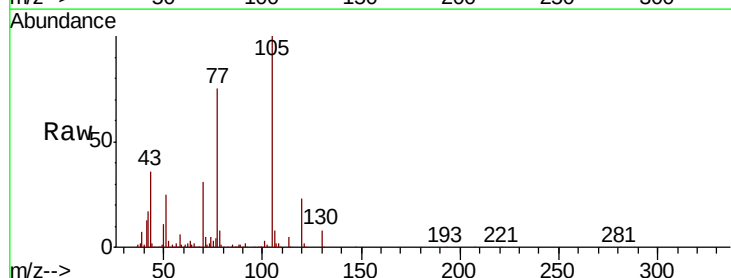
Manual Integrations
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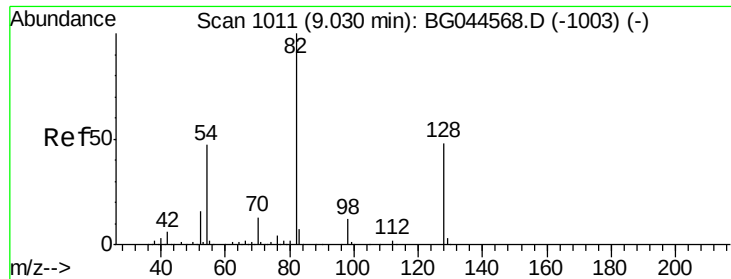
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#22
Acetophenone
Concen: 38.510 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	275051		
71	5.0		2.8	4.2#
51	25.0		19.9	29.9
120	23.1		18.6	28.0





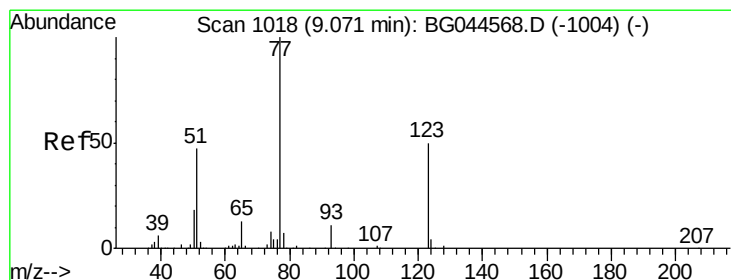
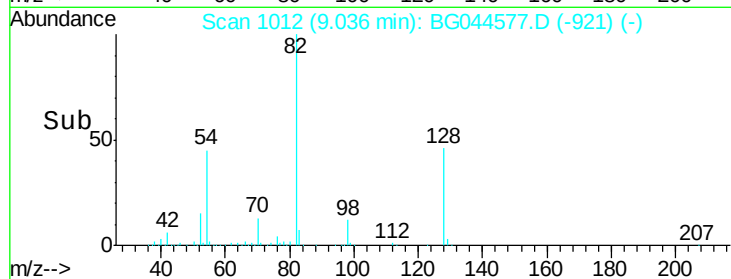
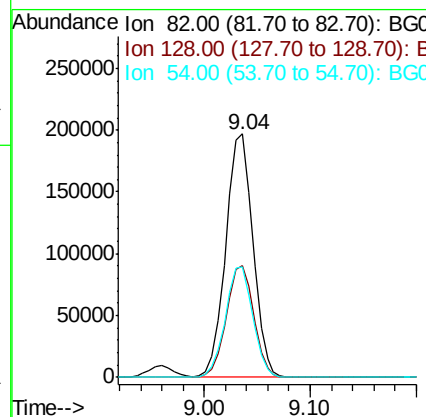
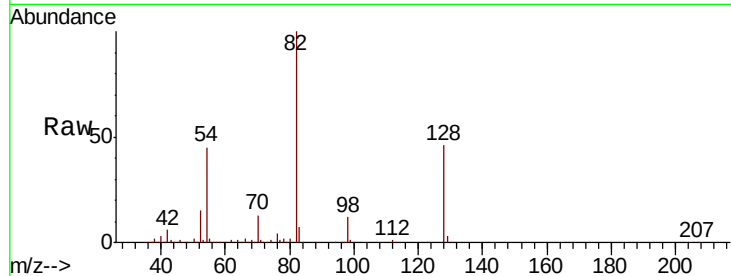
#23
Nitrobenzene-d5
Concen: 63.831 ng
RT: 9.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	352466		
128	45.9		38.1	57.1
54	45.3		37.5	56.3

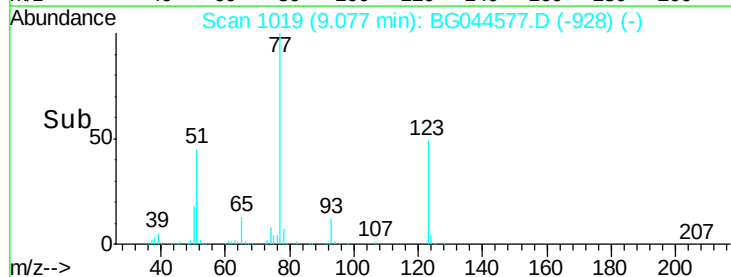
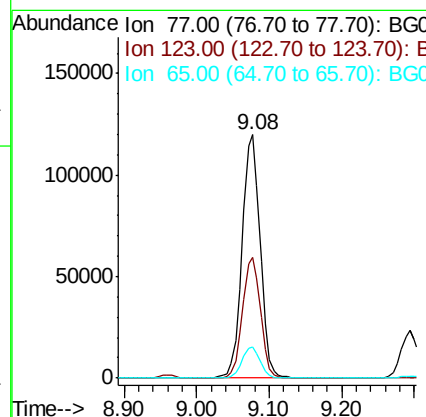
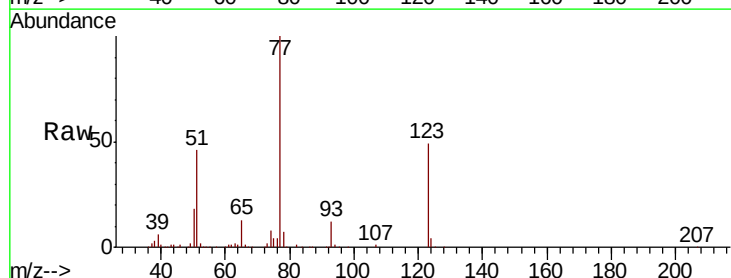
Manual Integrations
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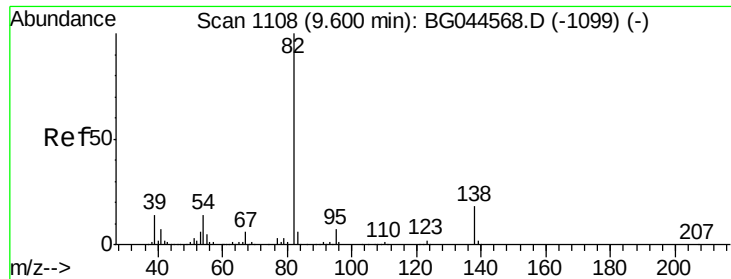
mohammad
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#24
Nitrobenzene
Concen: 38.843 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	207800		
123	49.4		40.1	60.1
65	12.7		10.4	15.6





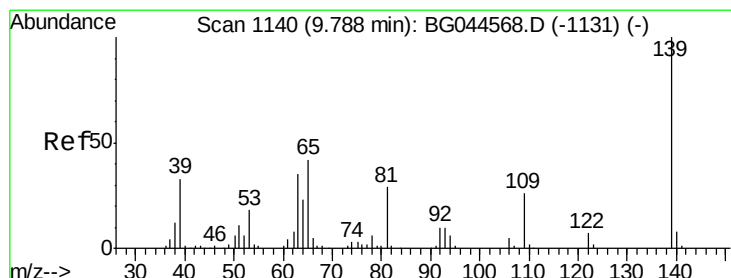
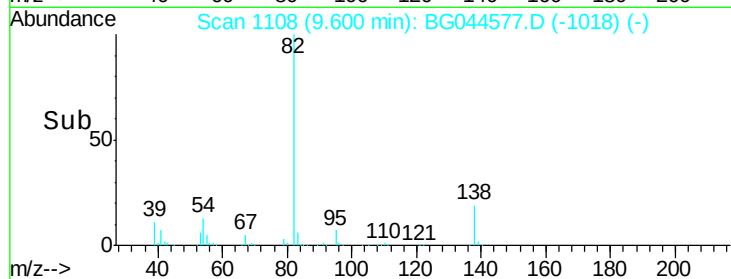
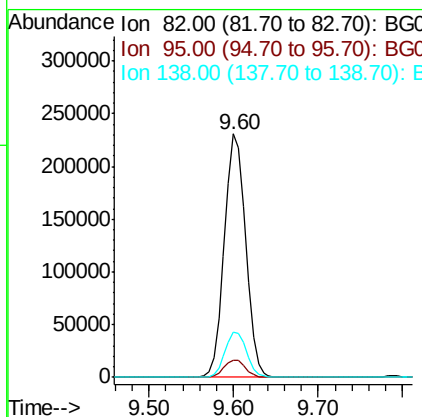
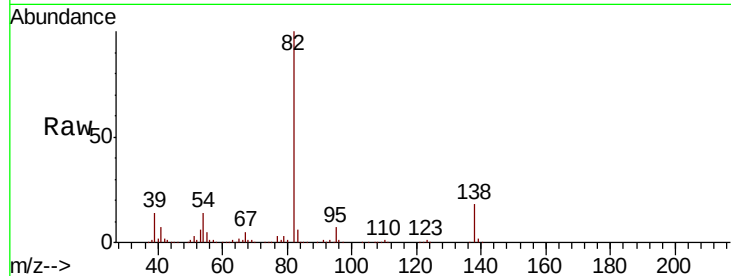
#25
Isophorone
Concen: 38.990 ng
RT: 9.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	82	Resp	402759
Ion Ratio	100	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.5	14.7	22.1

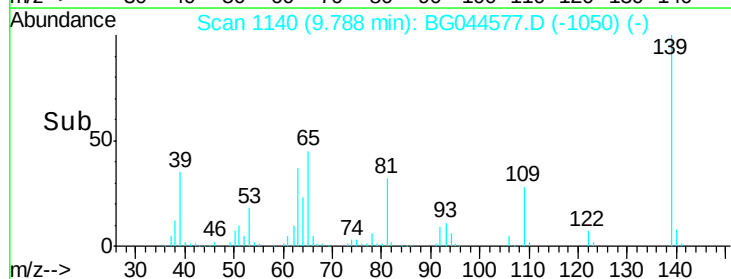
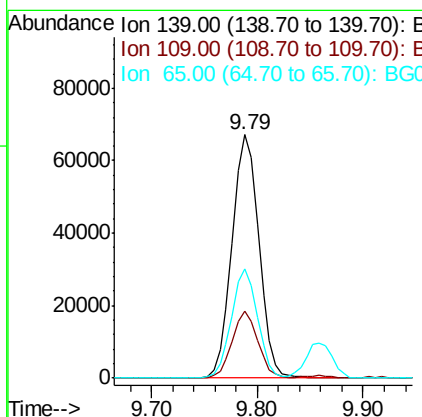
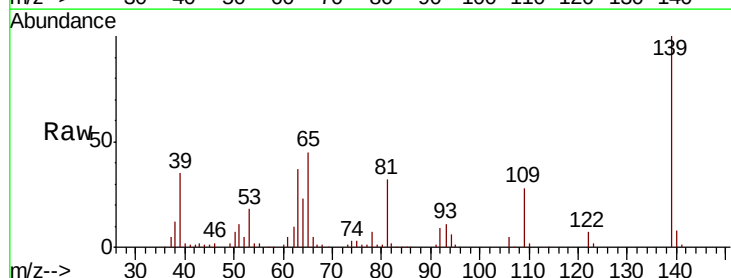
Manual Integrations
APPROVED

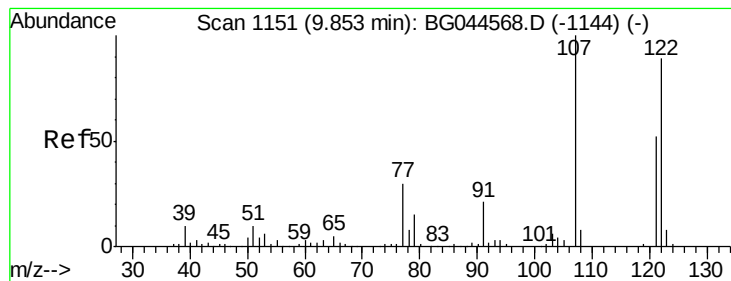
mohammad
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#26
2-Nitrophenol
Concen: 40.682 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	139	Resp	118030
Ion Ratio	100	Lower	Upper
139	100		
109	27.6	20.6	31.0
65	44.7	33.3	49.9





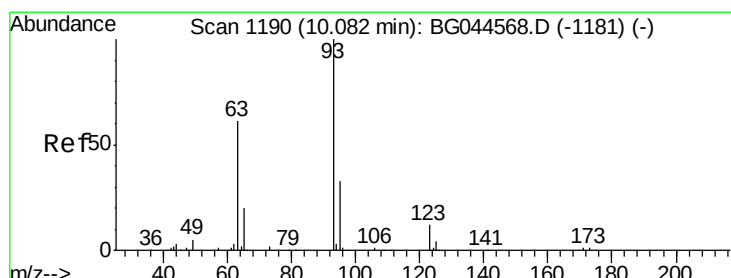
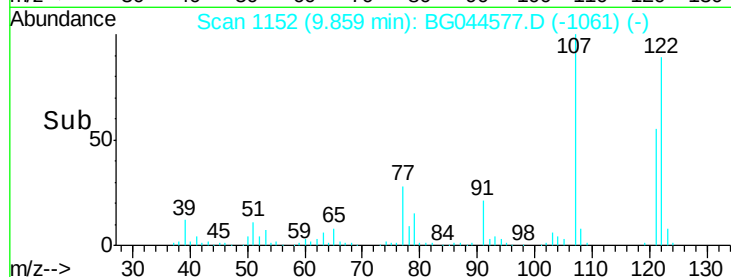
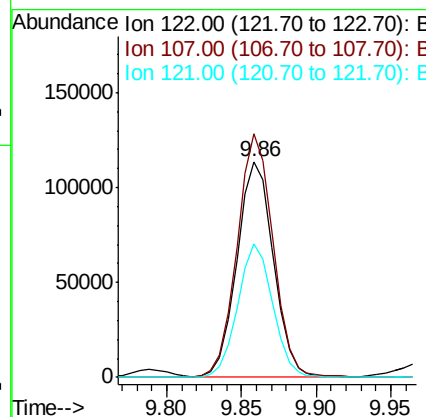
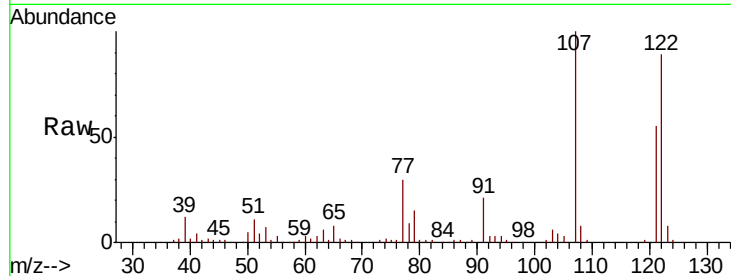
#27
2,4-Dimethylphenol
Concen: 47.046 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	191647		
107	112.9	89.4	134.0	
121	61.8	46.5	69.7	

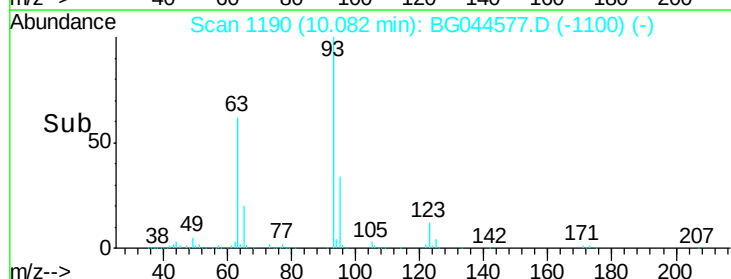
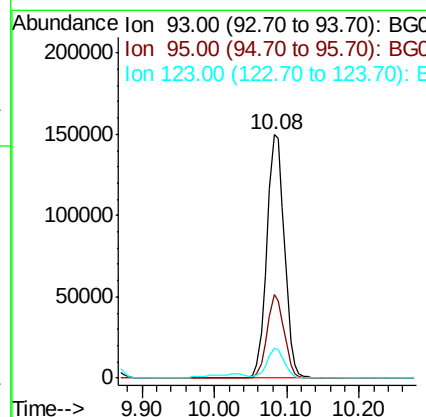
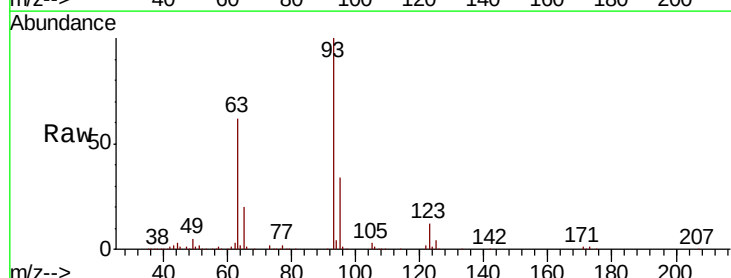
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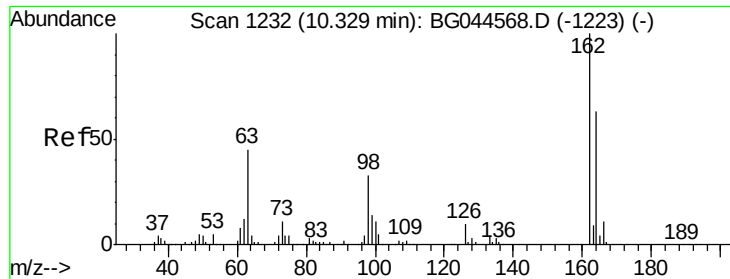
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.922 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252220		
95	34.4	26.5	39.7	
123	12.1	9.7	14.5	





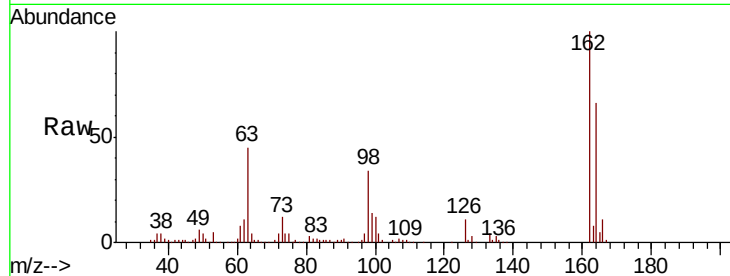
#29
 2,4-Dichlorophenol
 Concen: 42.002 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleID :
 PB126985BSD

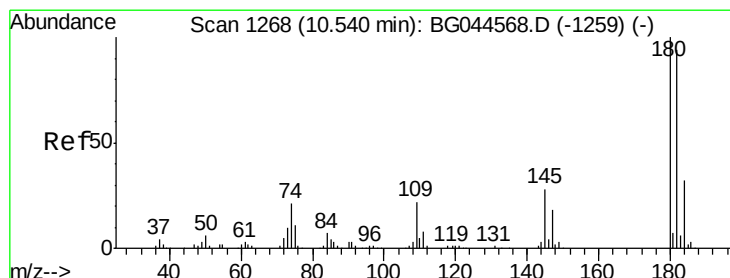
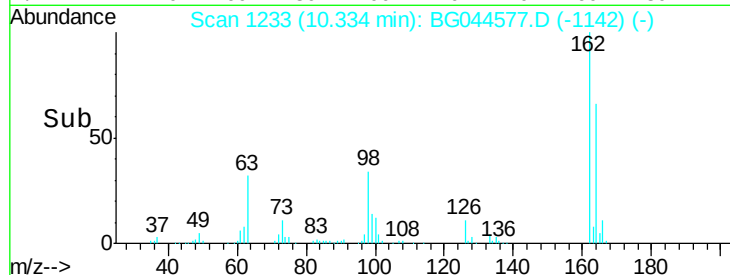
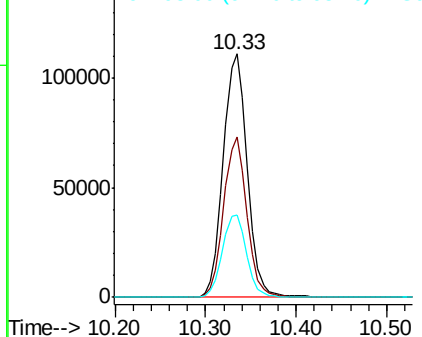
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.7	43.2	83.2	
98	33.9	13.2	53.2	

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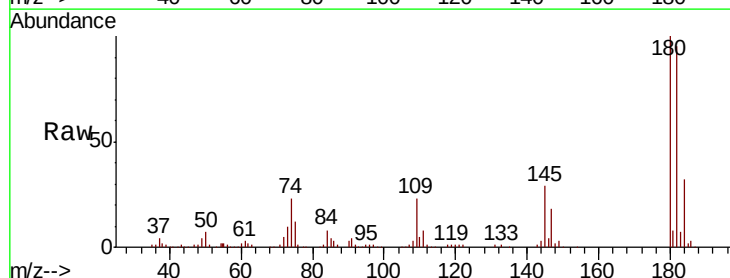


Abundance Ion 162.00 (161.70 to 162.70): E
 150000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

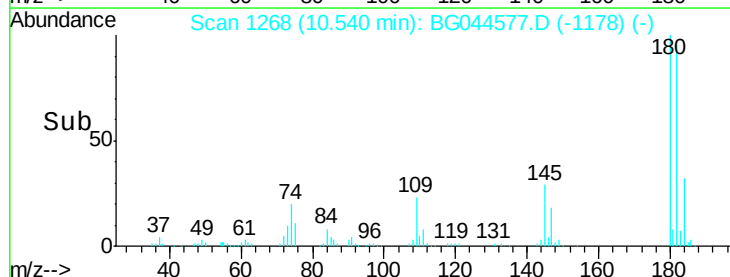
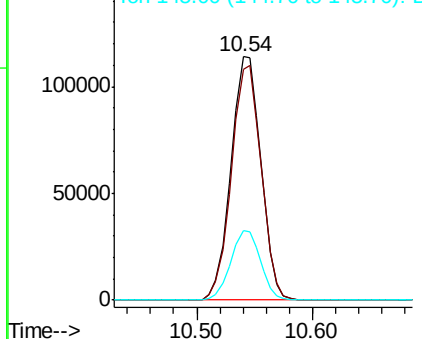


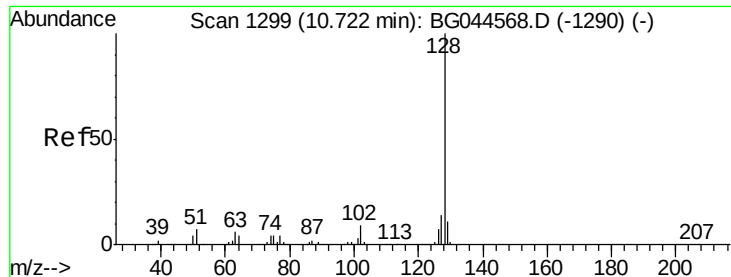
#30
 1,2,4-Trichlorobenzene
 Concen: 36.305 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	75.6	113.4	
145	28.8	22.2	33.2	



Abundance Ion 180.00 (179.70 to 180.70): E
 150000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





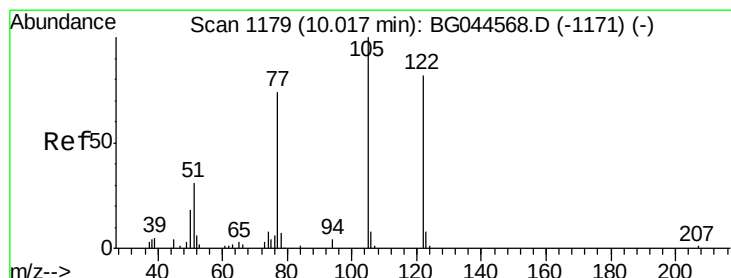
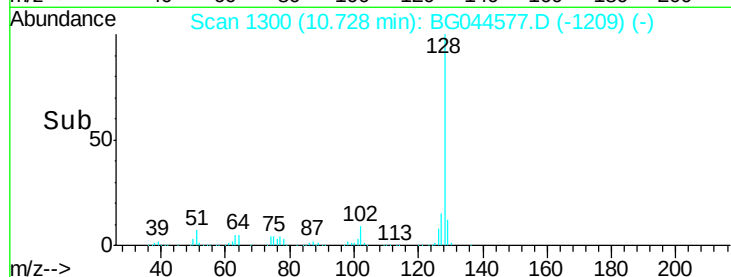
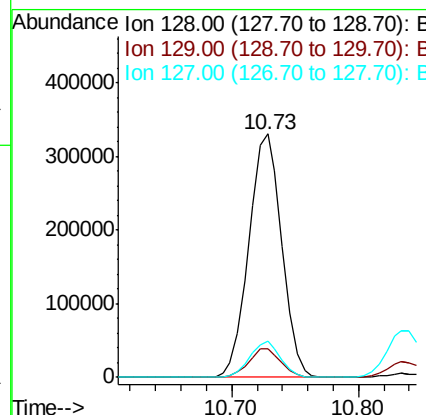
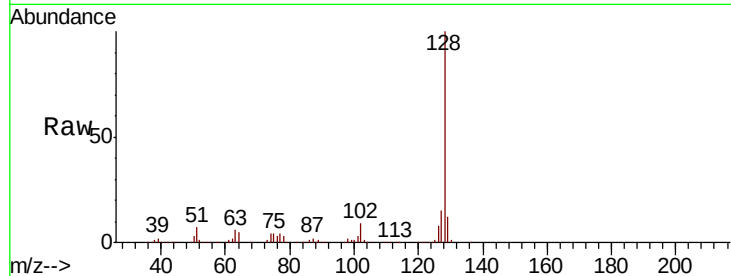
#31
Naphthalene
Concen: 38.284 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.8	11.0	16.4

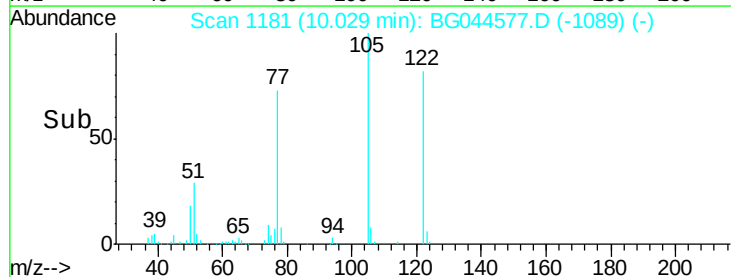
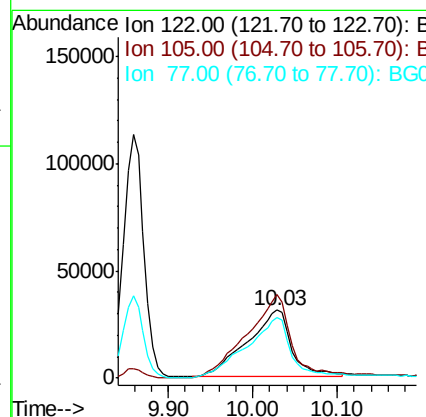
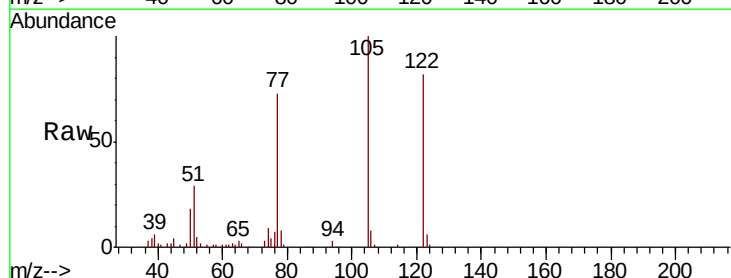
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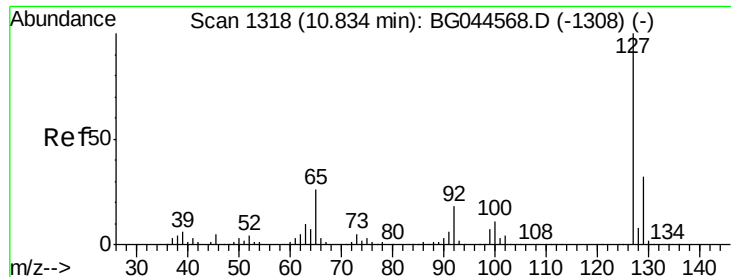
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#32
Benzoic acid
Concen: 61.489 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	101.4	141.4
77	89.1	69.8	109.8





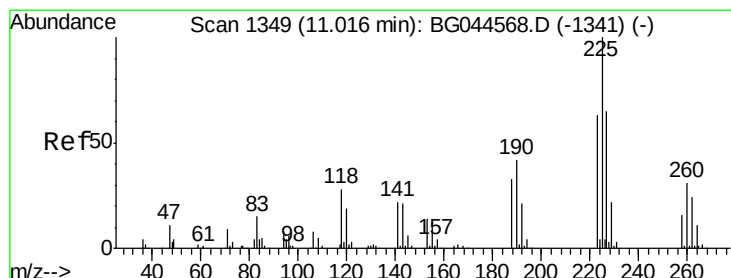
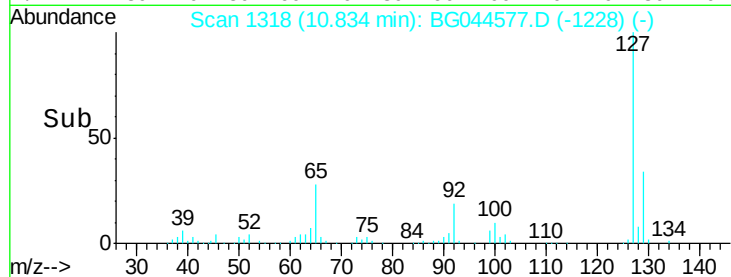
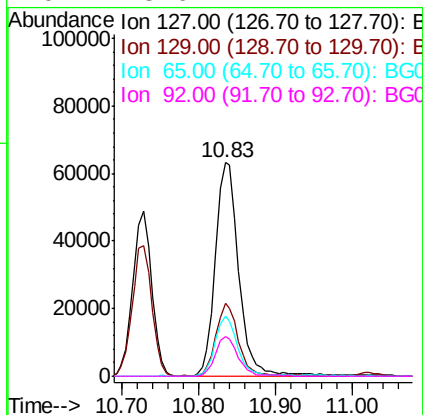
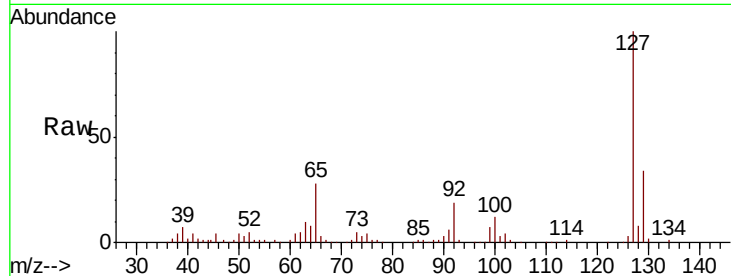
#33
4-Chloroaniline
Concen: 19.451 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	132983		
129	34.0		25.9	38.9
65	28.2		20.7	31.1
92	18.6		14.2	21.2

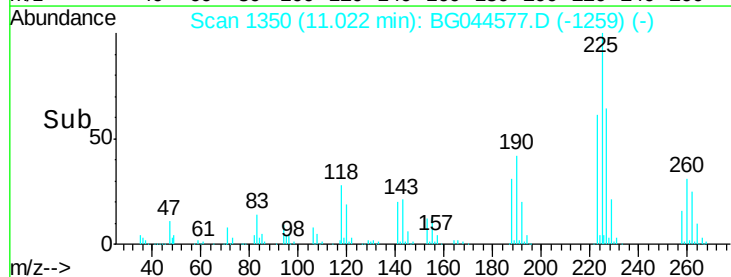
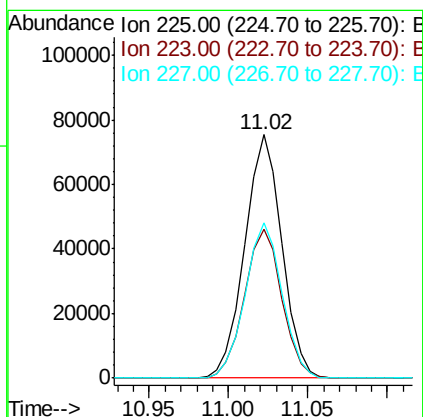
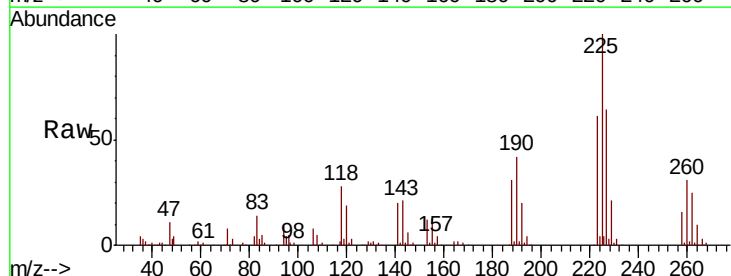
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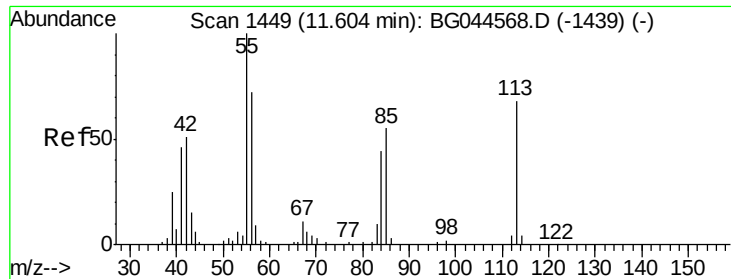
mohammad
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#34
Hexachlorobutadiene
Concen: 34.646 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122548		
223	61.3		50.6	76.0
227	63.7		52.1	78.1





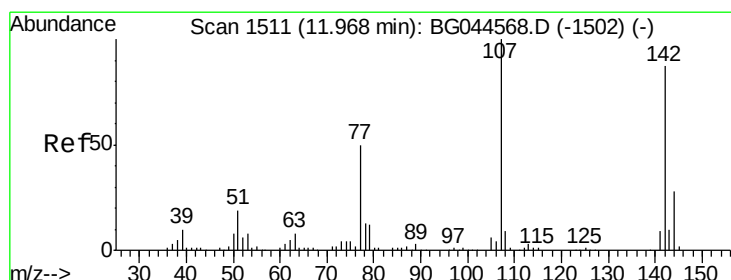
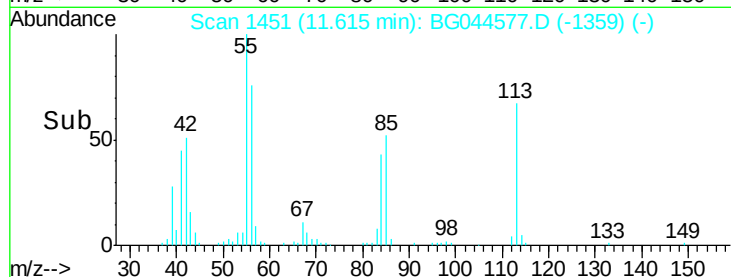
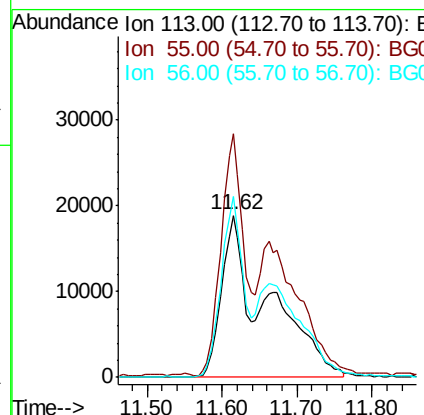
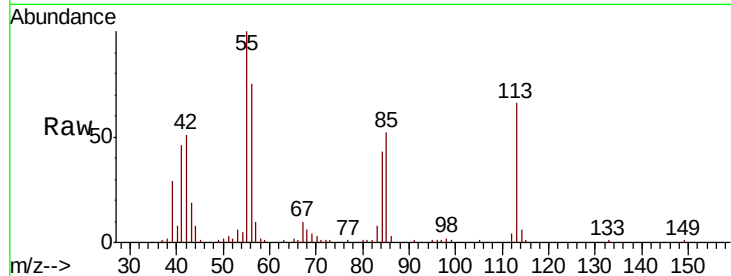
#35
Caprolactam
Concen: 45.233 ng/ml
RT: 11.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion: 113 Resp: 78862
Ion Ratio Lower Upper
113 100
55 150.5 127.8 167.8
56 112.1 86.9 126.9

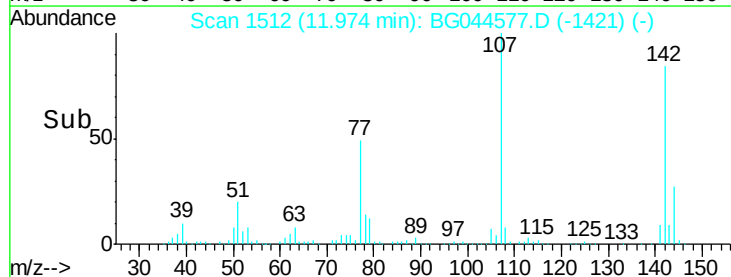
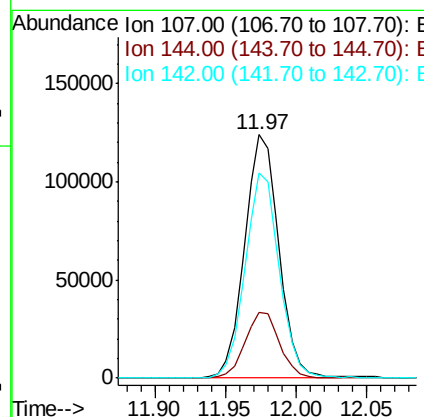
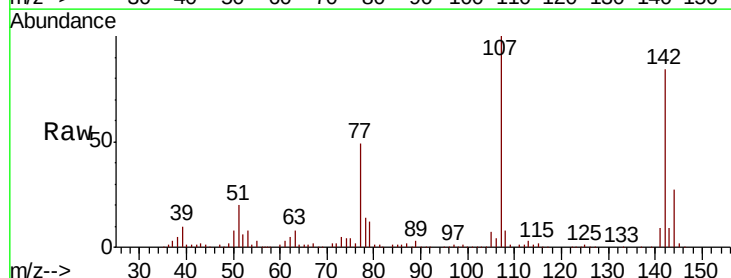
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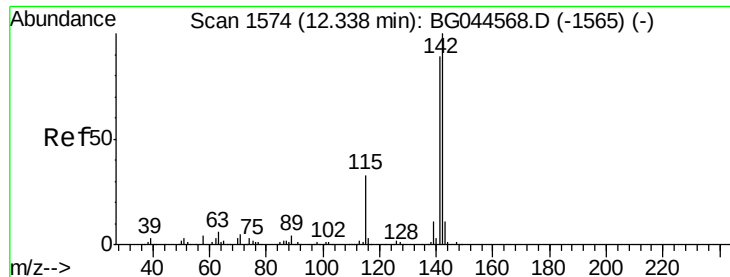
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#36
4-Chloro-3-methylphenol
Concen: 42.078 ng/ml
RT: 11.97 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion: 107 Resp: 210947
Ion Ratio Lower Upper
107 100
144 26.9 22.3 33.5
142 84.0 69.3 103.9





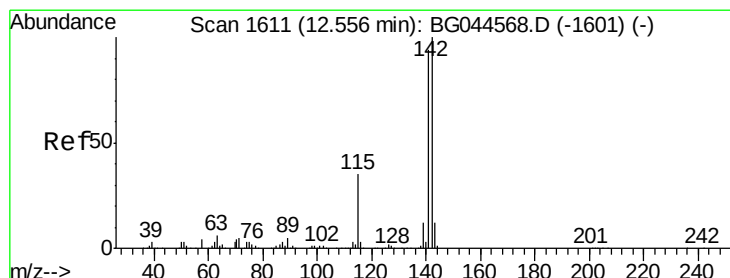
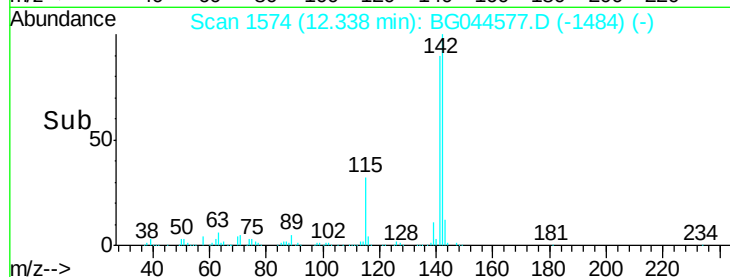
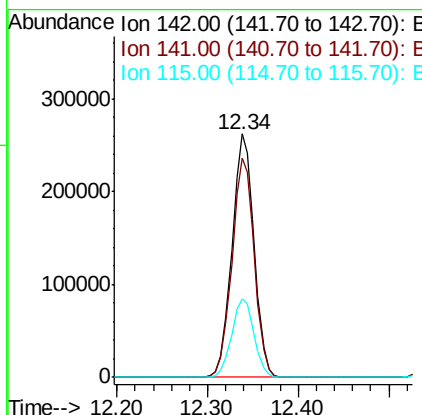
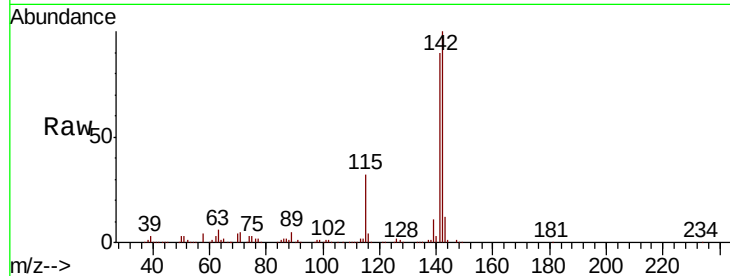
#37
2-Methylnaphthalene
Concen: 38.676 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	32.4	26.2	39.2

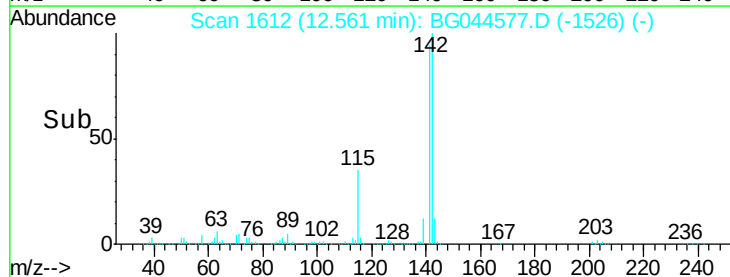
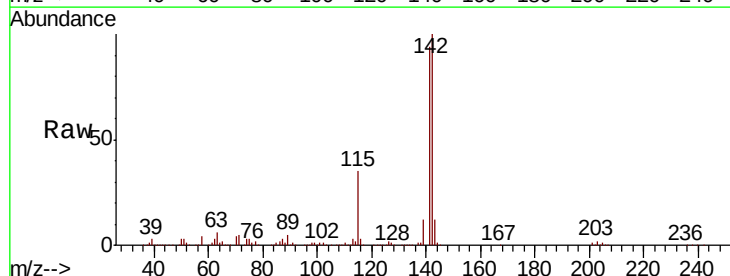
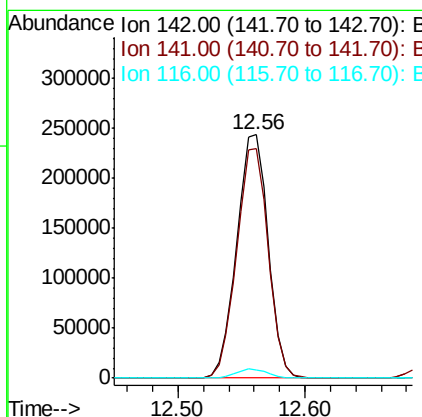
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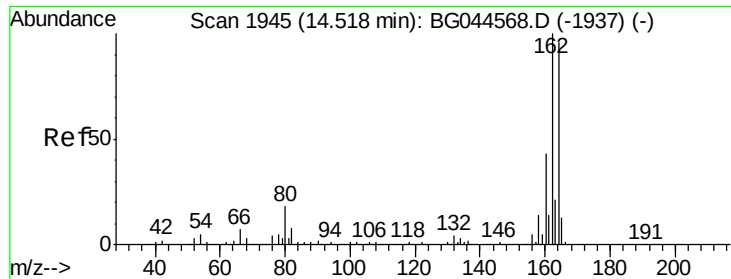
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#38
1-Methylnaphthalene
Concen: 38.447 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.1	112.7
116	3.3	2.6	4.0





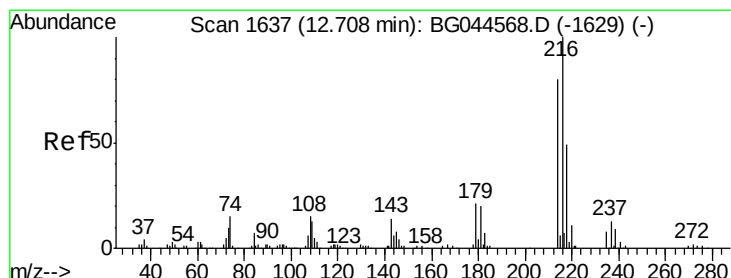
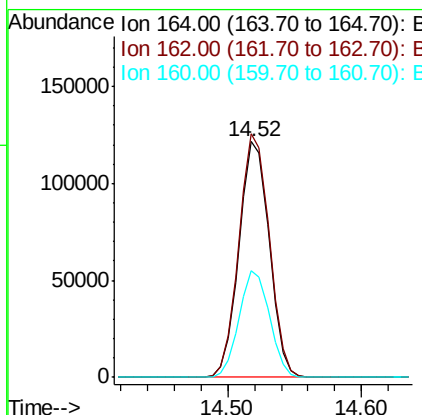
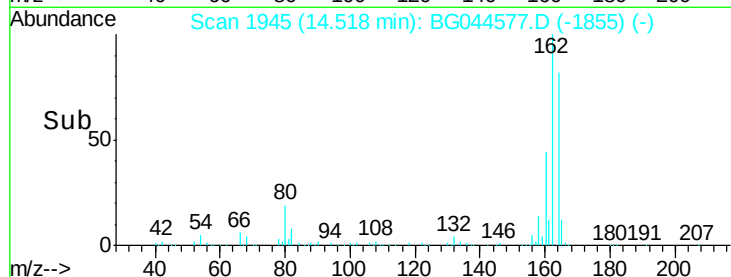
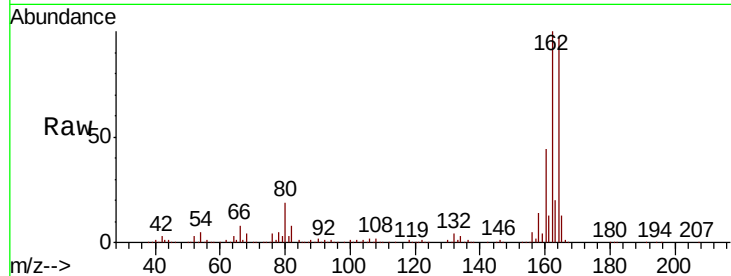
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	83.6	125.4	
160	45.0	36.2	54.4	

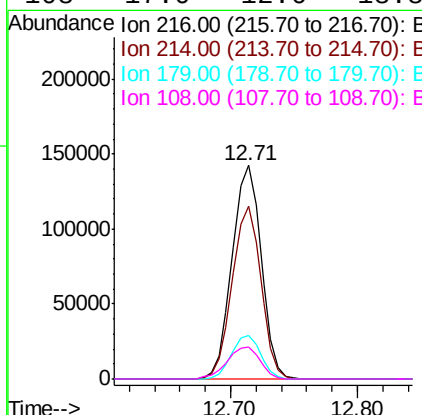
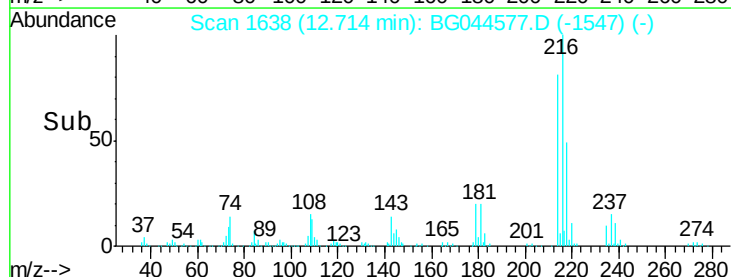
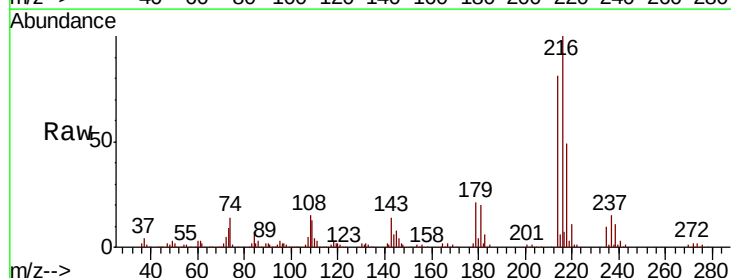
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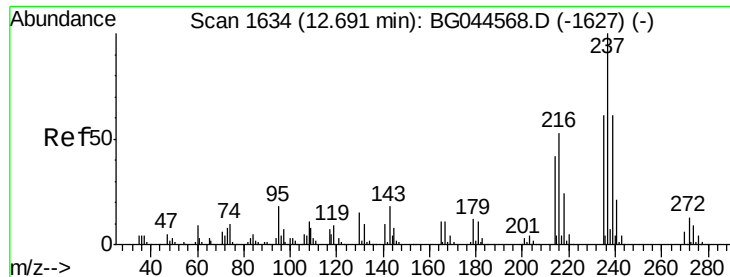
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.291 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.3	94.9	
179	20.6	16.2	24.2	
108	17.0	12.6	18.8	





#41

Hexachlorocyclopentadiene

Concen: 60.731 ng

RT: 12.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

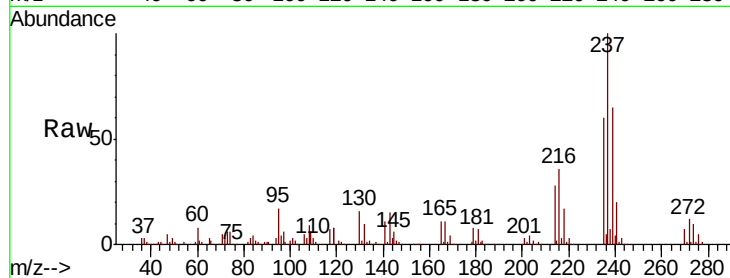
ClientSampleId :

PB126985BSD

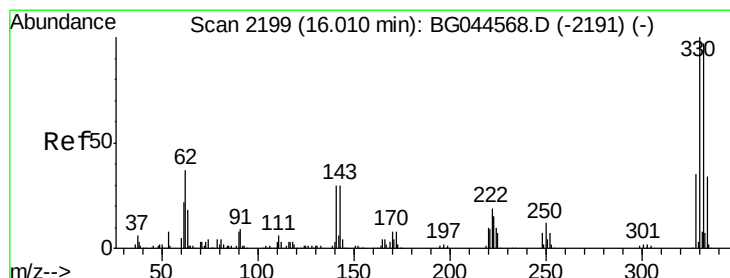
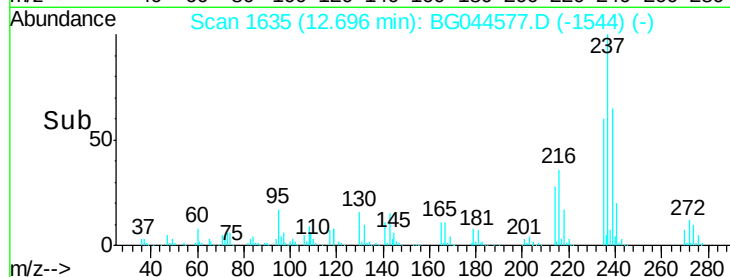
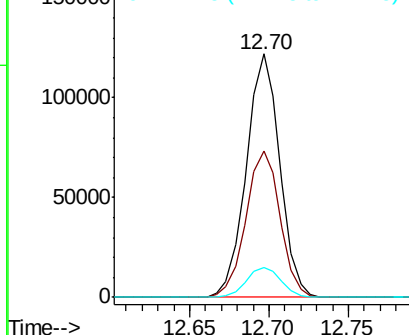
Tot Ion:	237	Resp:	178577
Ion Ratio		Lower	Upper
237	100		
235	60.2	40.7	80.7
272	12.3	0.0	32.7

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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: 110.958 ng

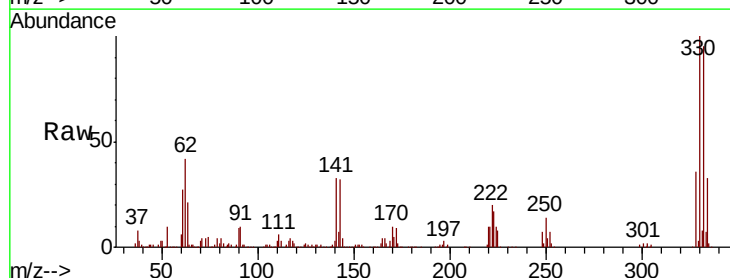
RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

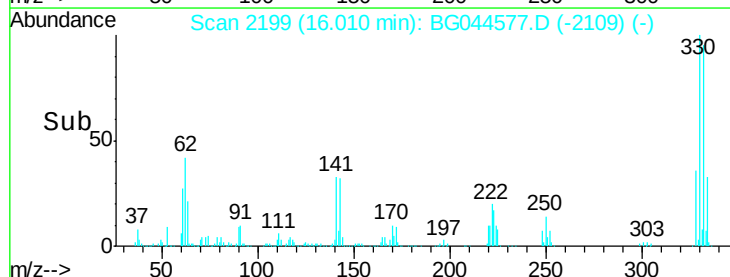
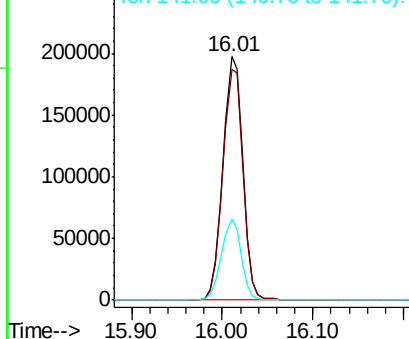
Lab File: BG044577.D

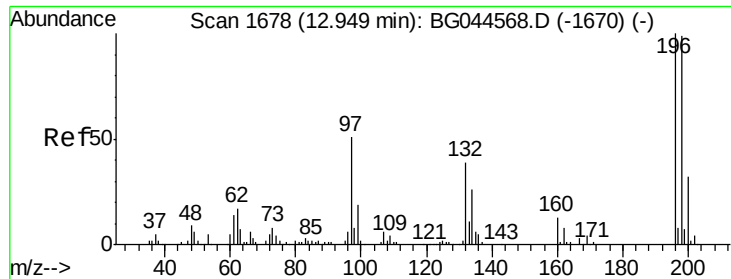
Acq: 25 Feb 2020 15:05

Tgt Ion:	330	Resp:	299766
Ion Ratio		Lower	Upper
330	100		
332	96.4	77.4	116.0
141	32.9	26.1	39.1



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





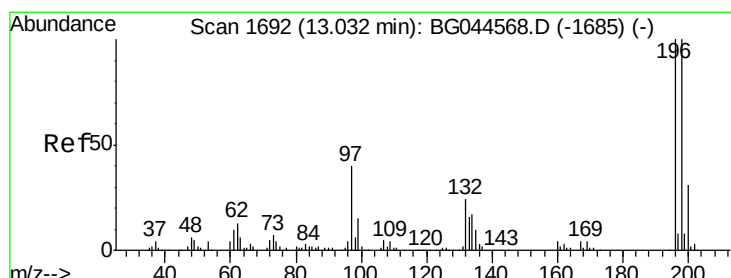
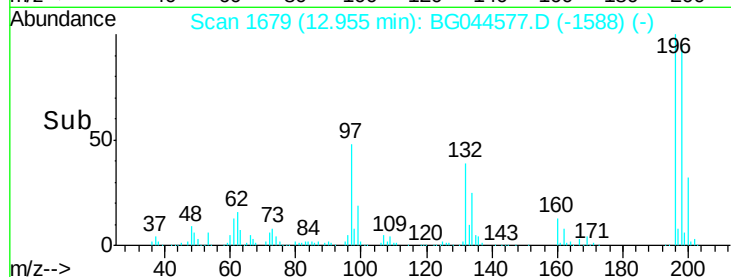
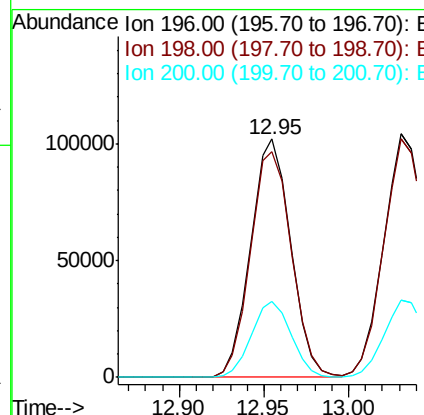
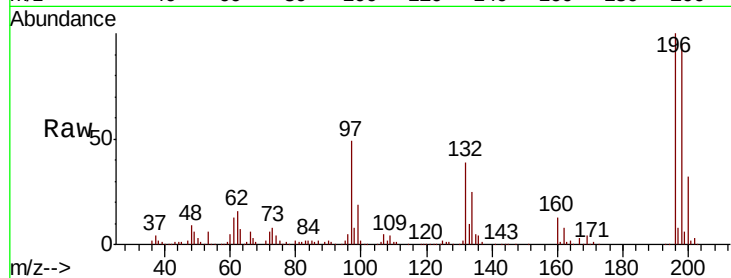
#43
 2,4,6-Trichlorophenol
 Concen: 40.550 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampled :
 PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	168884		
198	94.7	79.2	118.8	
200	31.7	25.7	38.5	

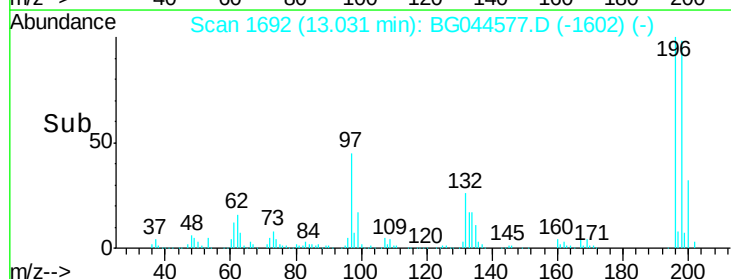
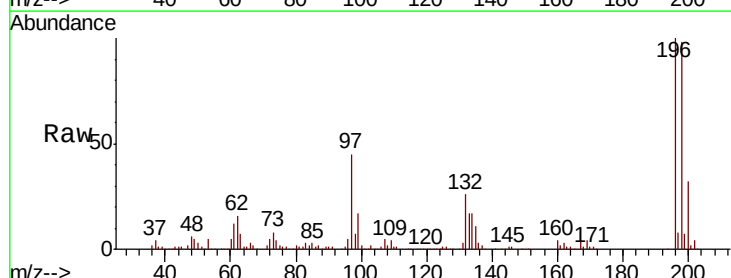
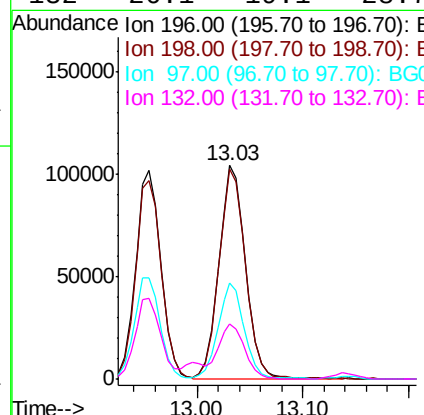
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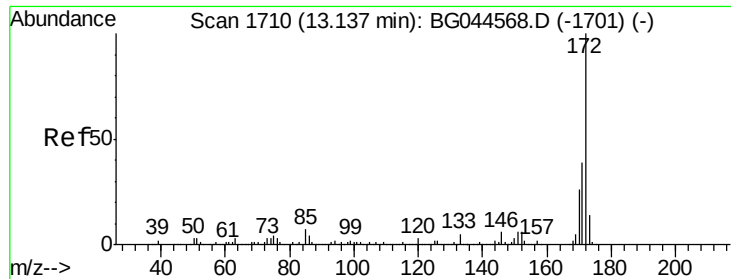
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#44
 2,4,5-Trichlorophenol
 Concen: 42.507 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181859		
198	98.2	79.3	118.9	
97	44.8	32.3	48.5	
132	26.1	19.1	28.7	





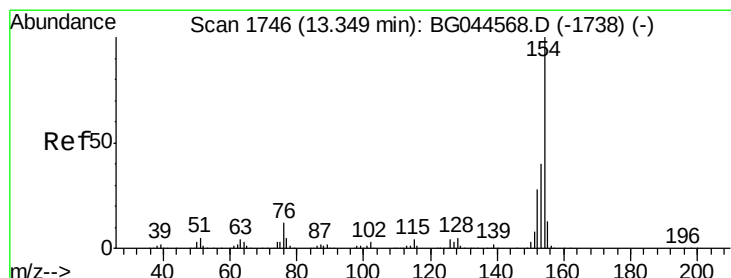
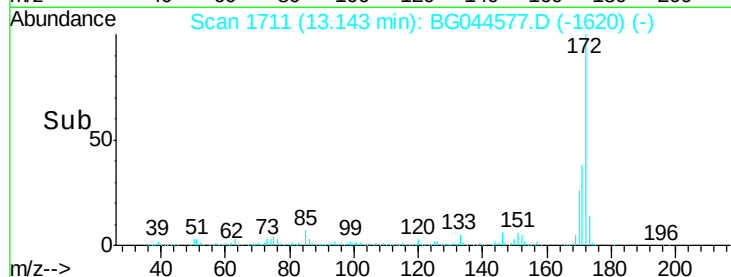
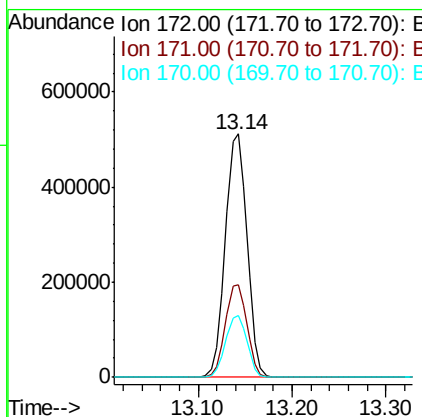
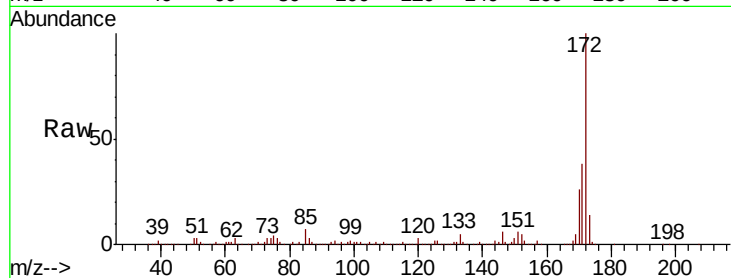
#45
2-Fluorobiphenyl
Concen: 61.667 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.6	21.0	31.4

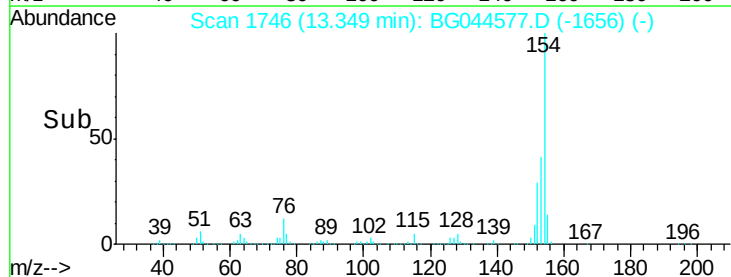
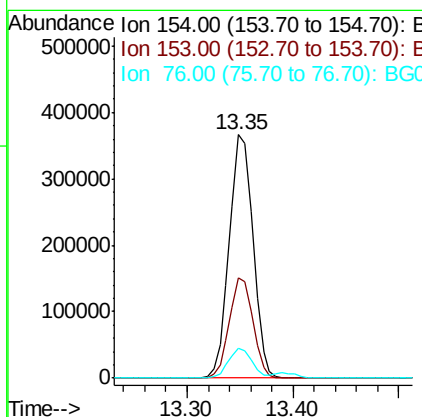
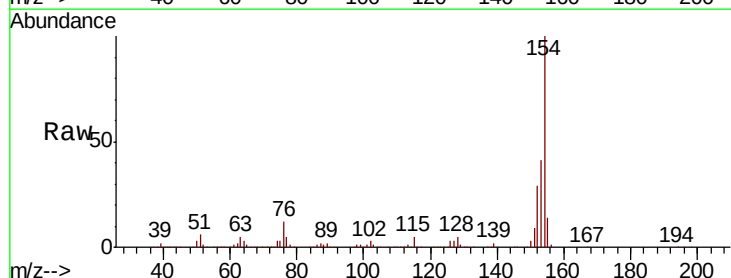
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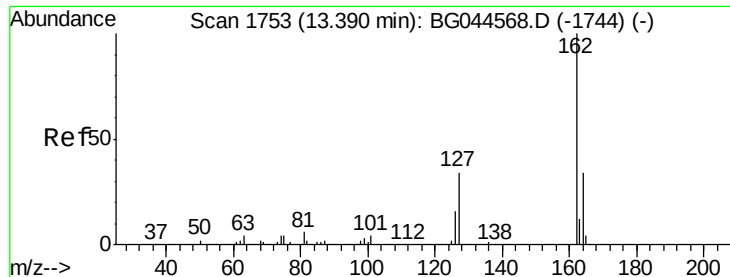
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#46
1,1'-Biphenyl
Concen: 36.064 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.2	60.2
76	12.0	0.0	31.8





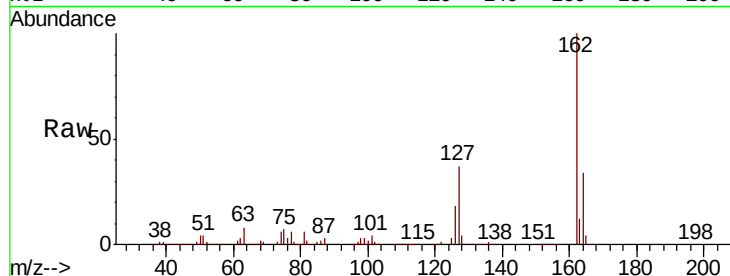
#47
2-Chloronaphthalene
Concen: 35.942 ng
RT: 13.40 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

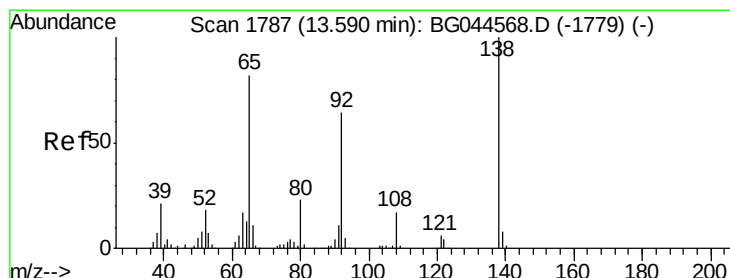
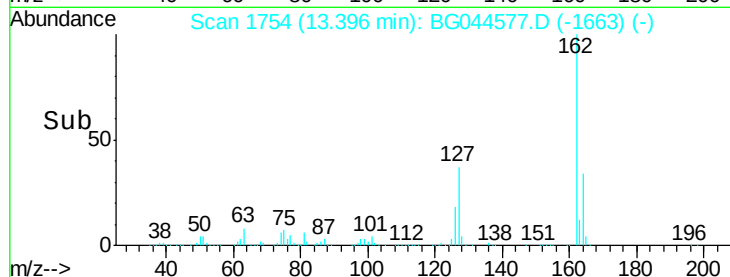
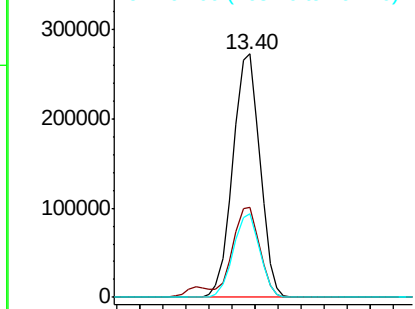
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	28.7	43.1
164	34.2	27.3	40.9

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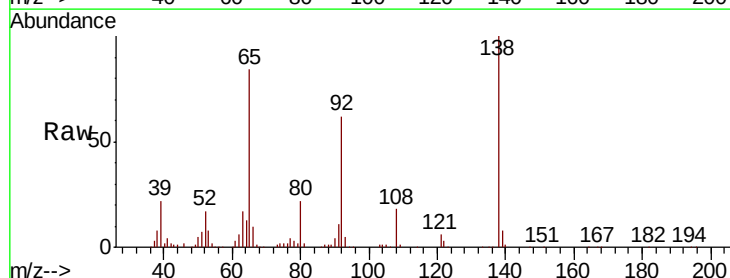


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

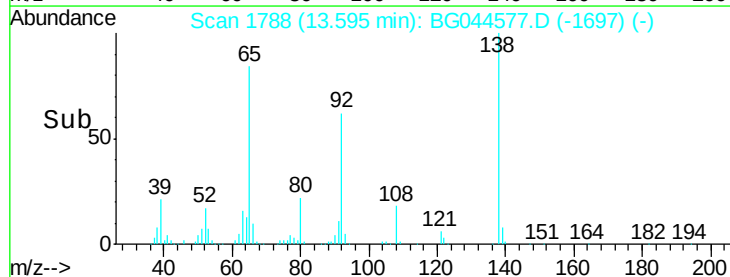
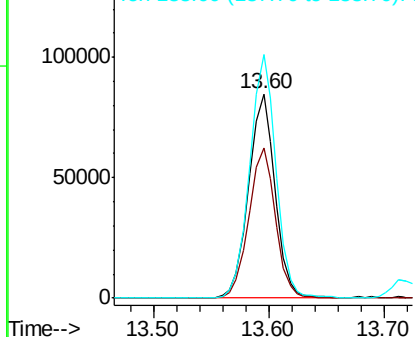


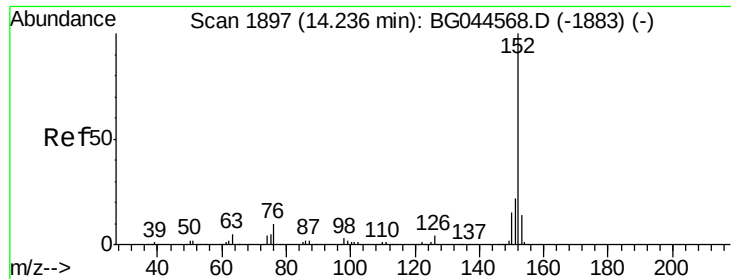
#48
2-Nitroaniline
Concen: 39.587 ng
RT: 13.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	62.2	93.2
138	119.4	97.6	146.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.601 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

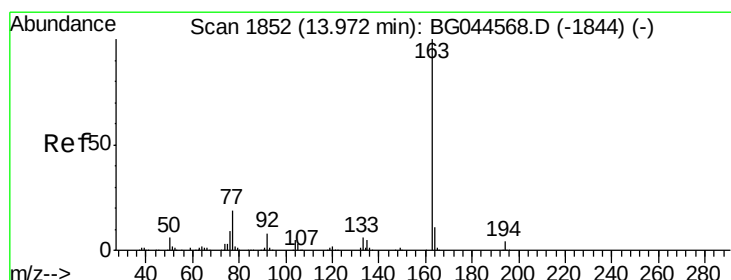
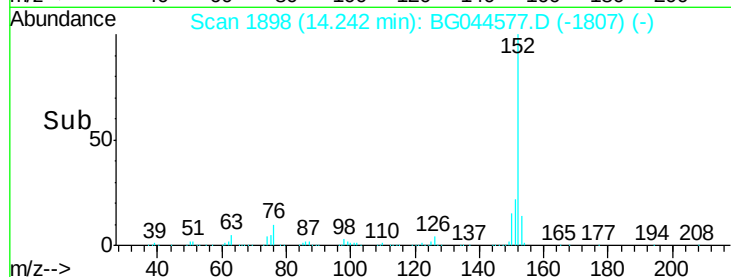
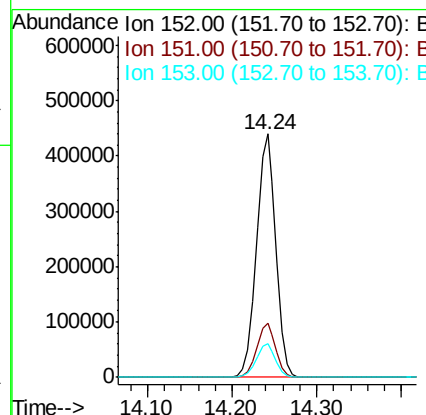
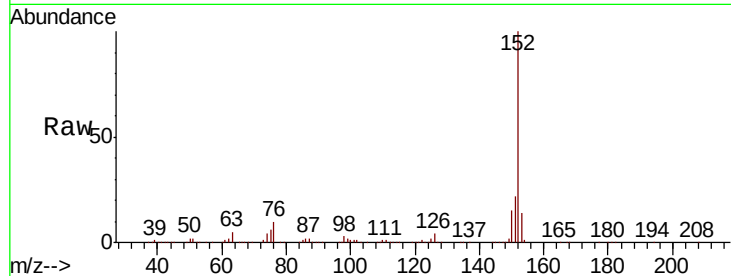
ClientSampleId :

PB126985BSD

Tot Ion:	152	Resp:	704514
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.7	26.5
153	14.1	11.3	16.9

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#50

Dimethylphthalate

Concen: 38.110 ng

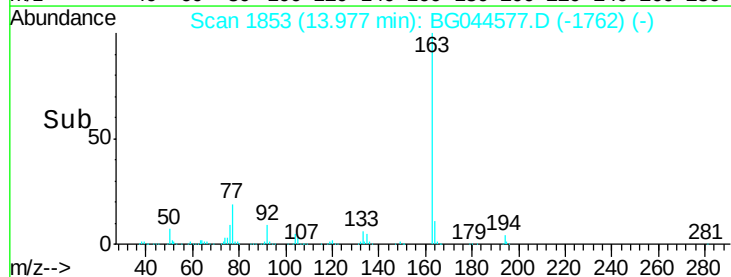
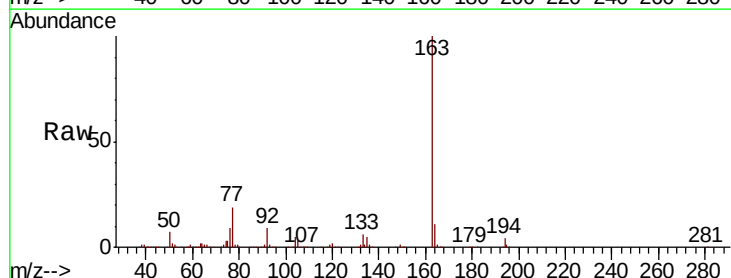
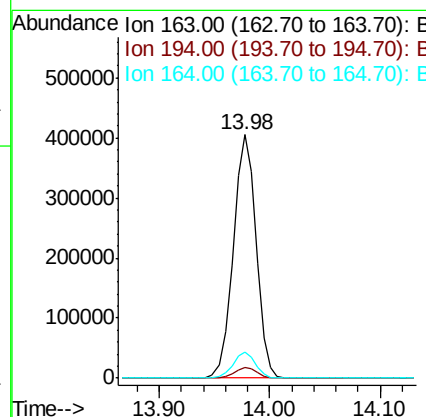
RT: 13.98 min Scan# 1853

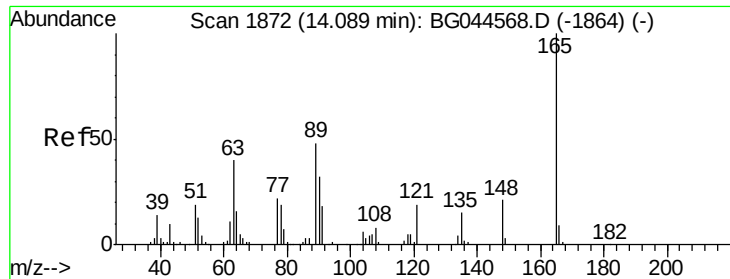
Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:	163	Resp:	586071
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.0
164	10.7	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 39.785 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

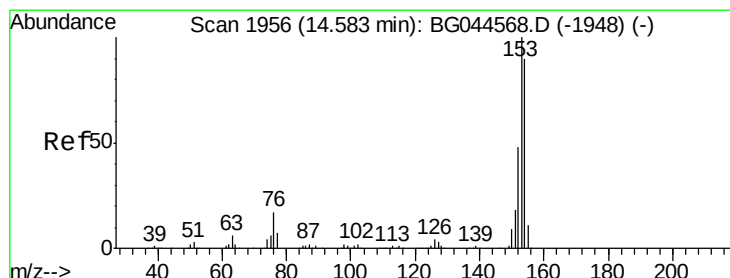
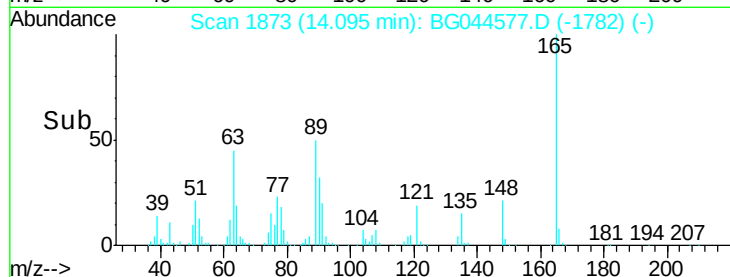
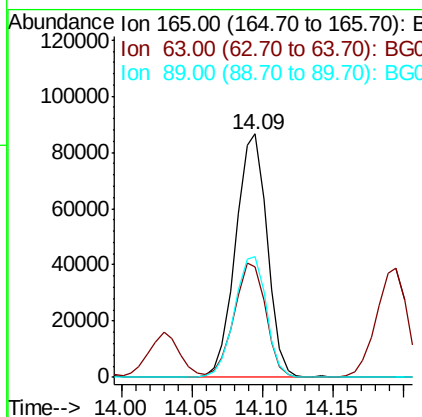
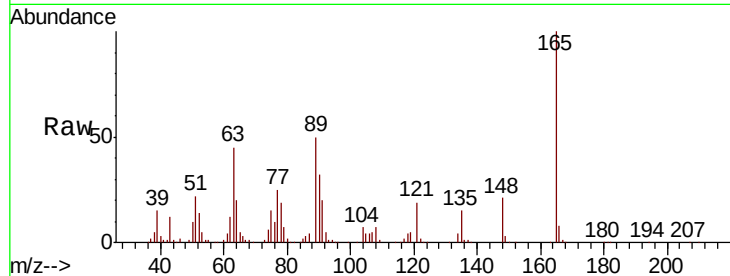
ClientSampleId :

PB126985BSD

Tot Ion:	165	Resp:	134937
Ion Ratio	Lower	Upper	
165	100		
63	45.2	35.8	53.6
89	49.5	38.7	58.1

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#52

Acenaphthene

Concen: 37.059 ng

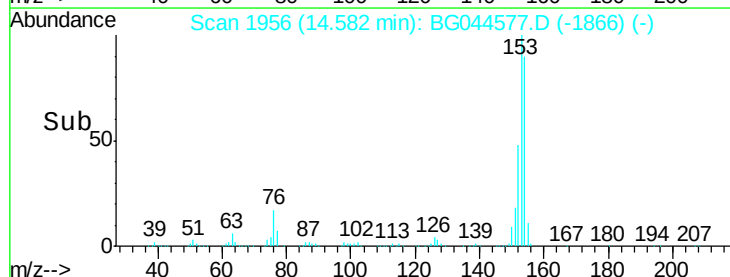
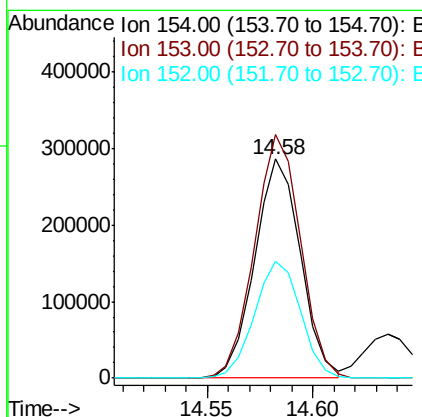
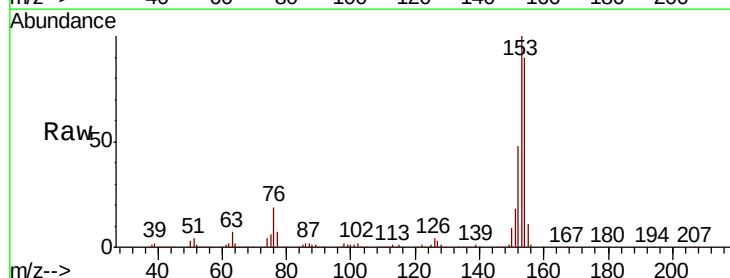
RT: 14.58 min Scan# 1956

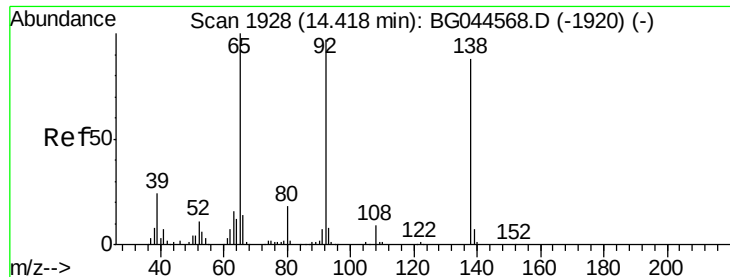
Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:	154	Resp:	431151
Ion Ratio	Lower	Upper	
154	100		
153	111.2	89.4	134.0
152	53.6	43.0	64.4





#53

3-Nitroaniline

Concen: 28.163 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

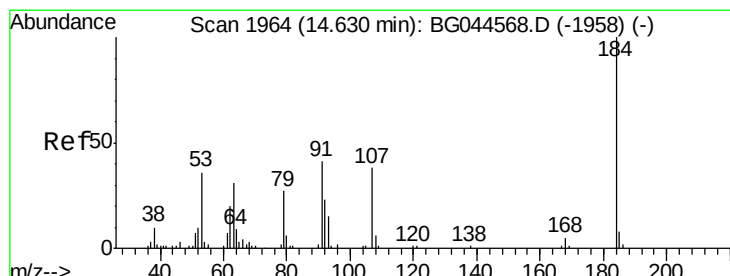
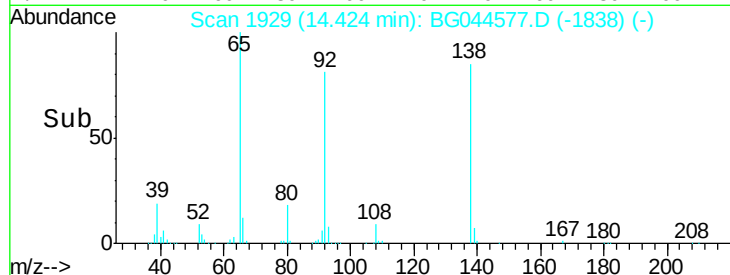
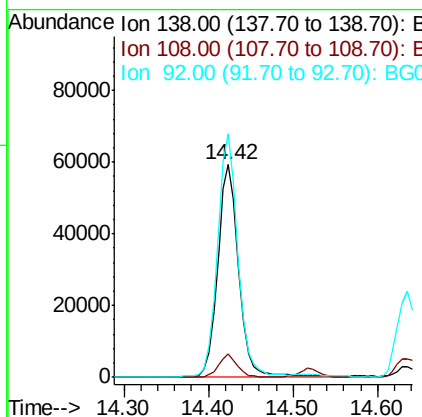
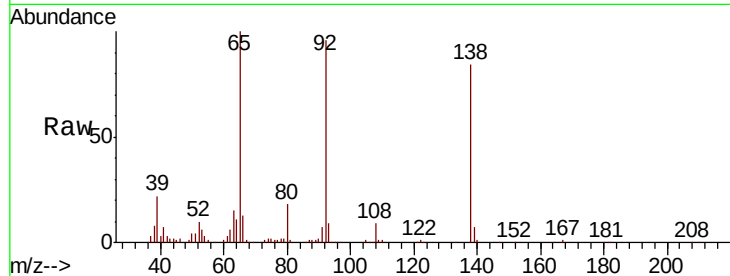
ClientSampleId :

PB126985BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.9	11.9
92	114.6	87.4	131.2

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#54

2,4-Dinitrophenol

Concen: 85.619 ng

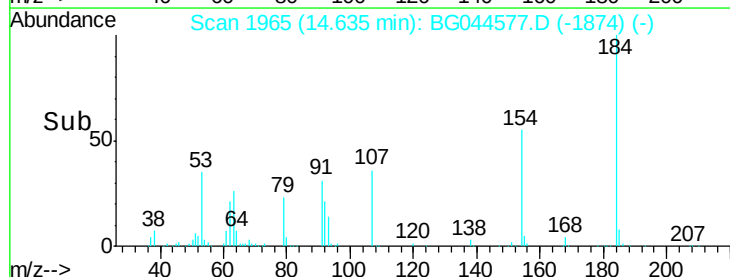
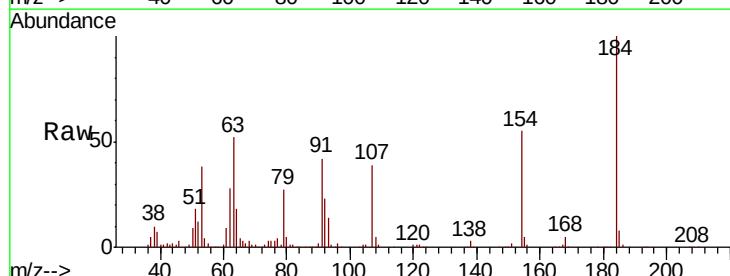
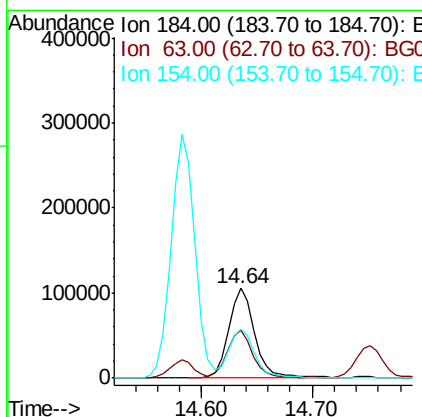
RT: 14.64 min Scan# 1965

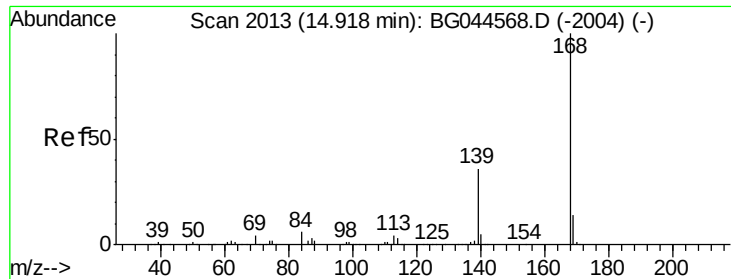
Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.5	42.1	63.1
154	55.1	43.4	65.2





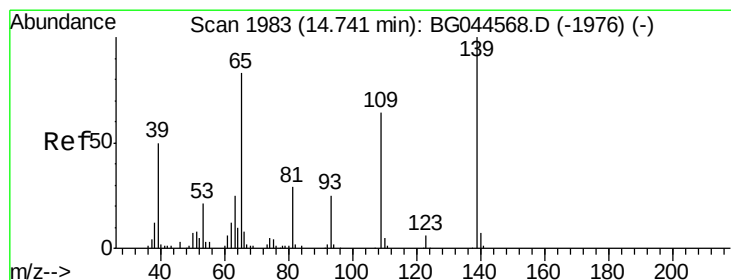
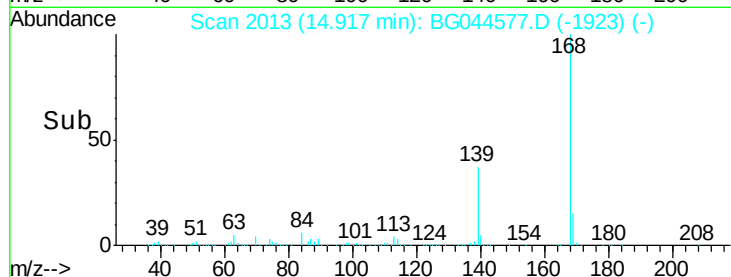
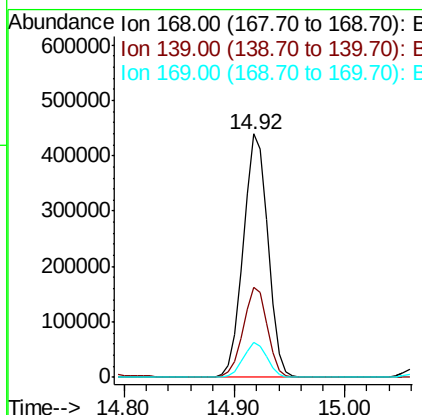
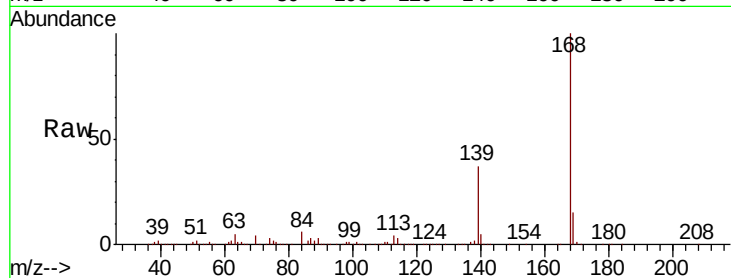
#55
Dibenzenofuran
Concen: 38.645 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.2	43.8
169	14.6	11.0	16.6

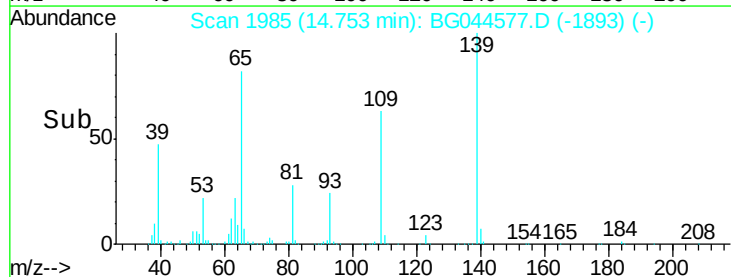
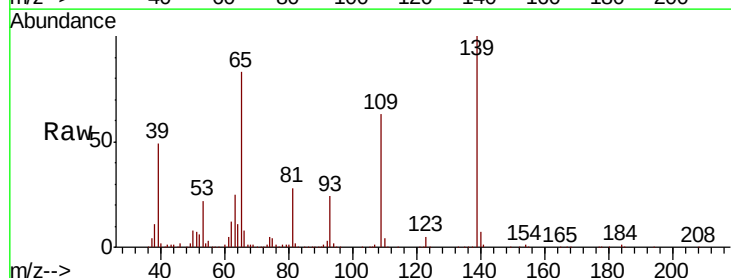
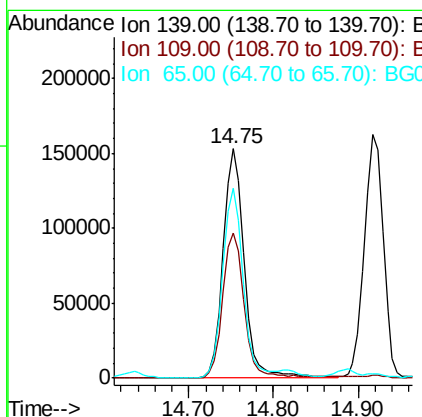
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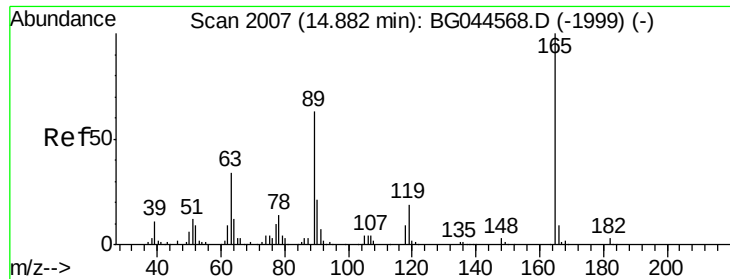
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#56
4-Nitrophenol
Concen: 105.868 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.2	43.8	83.8
65	82.6	63.6	103.6





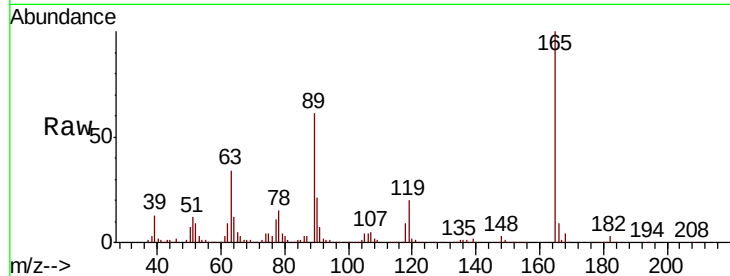
#57
2,4-Dinitrotoluene
Concen: 40.320 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	192262		
63	34.4	27.5	41.3	
89	60.9	50.0	75.0	
182	2.8	2.3	3.5	

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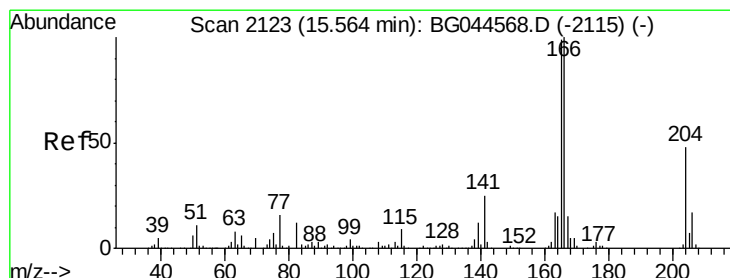
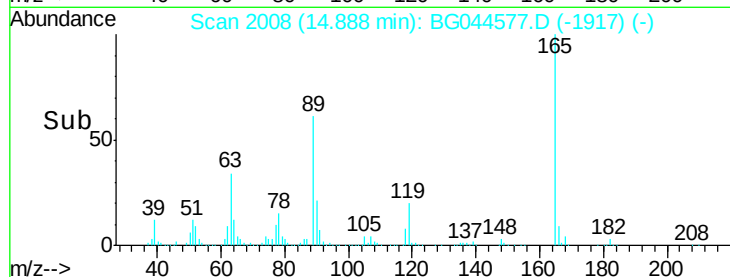
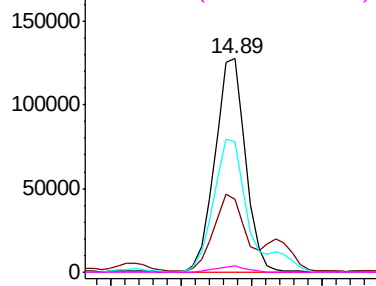
Abundance Ion 165.00 (164.70 to 165.70): E

200000

Ion 63.00 (62.70 to 63.70): BGC

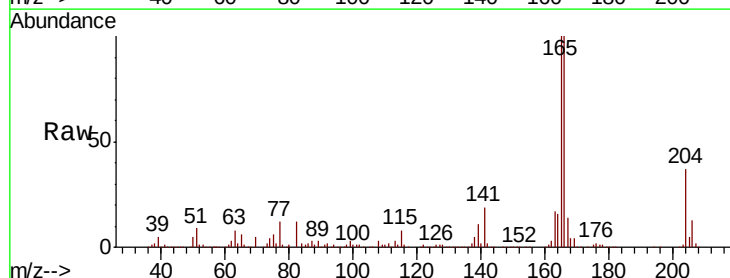
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.033 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	551998		
165	100.4	79.2	118.8	
167	14.2	11.7	17.5	

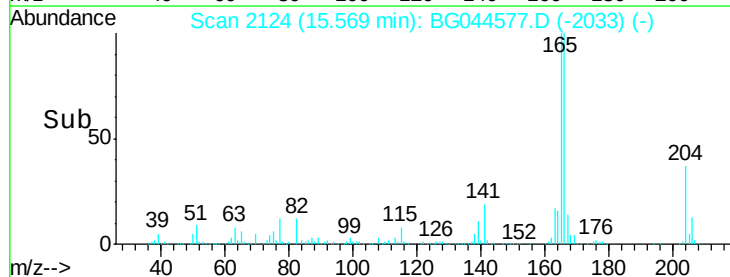
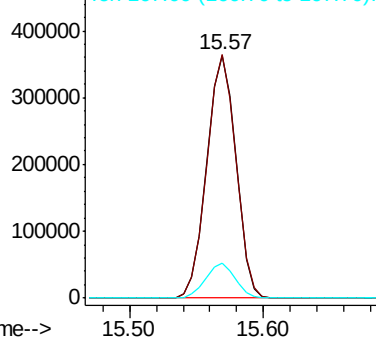


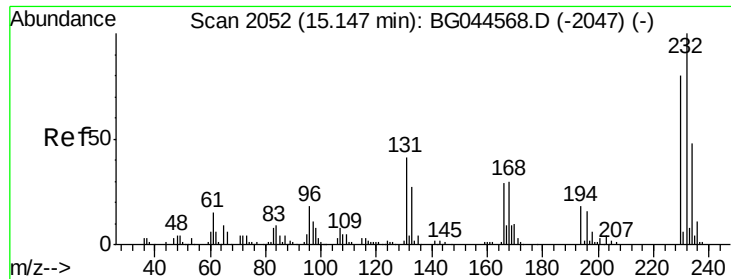
Abundance Ion 166.00 (165.70 to 166.70): E

500000

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





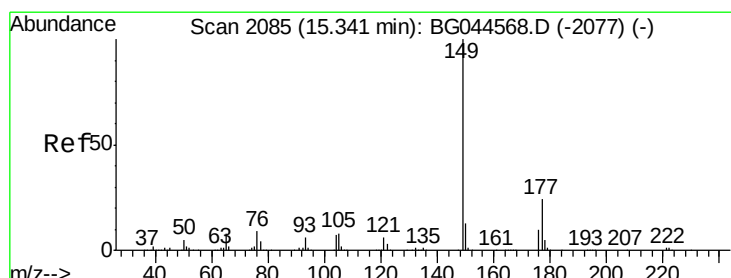
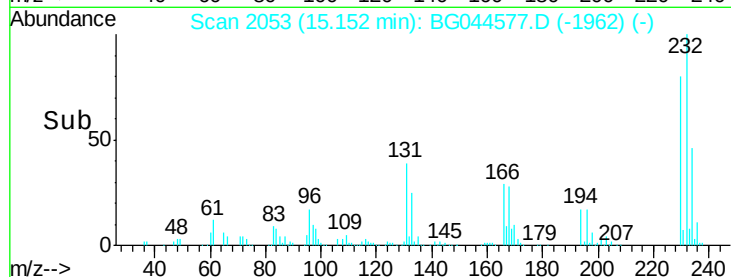
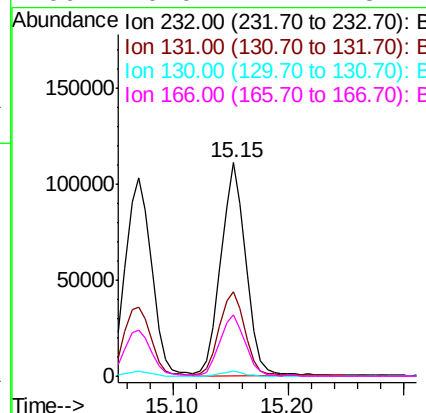
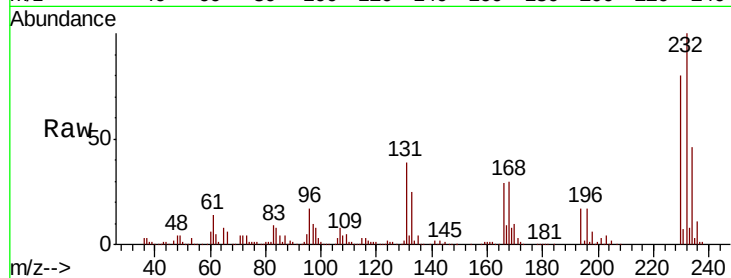
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.271 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	166542		
131	41.3		31.8	47.6
130	2.4		1.8	2.6
166	29.0		22.7	34.1

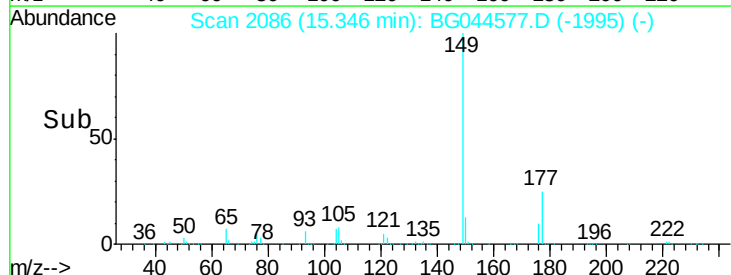
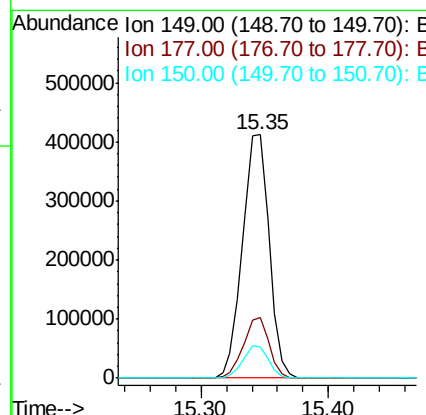
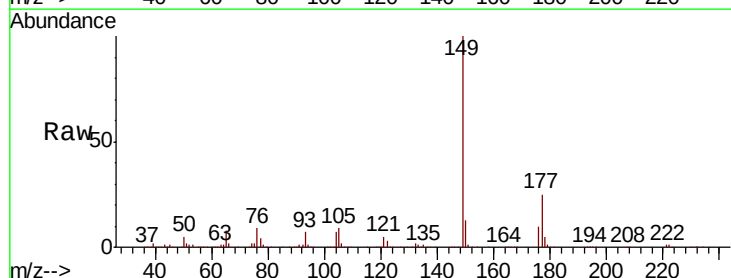
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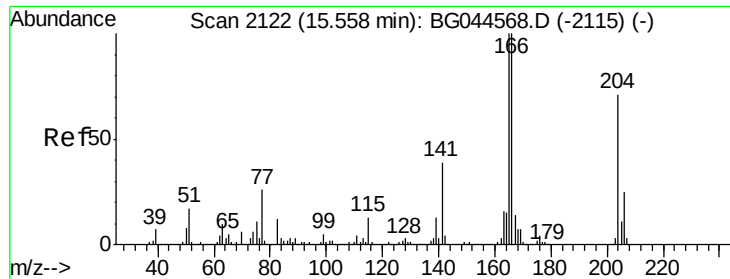
mohammad
 2/27/2020 5:02:58 PM



#60
 Diethylphthalate
 Concen: 39.417 ng
 RT: 15.35 min Scan# 2086
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	600625		
177	24.7		19.2	28.8
150	12.5		10.2	15.4





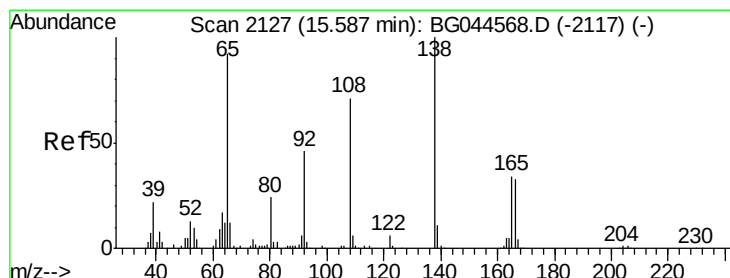
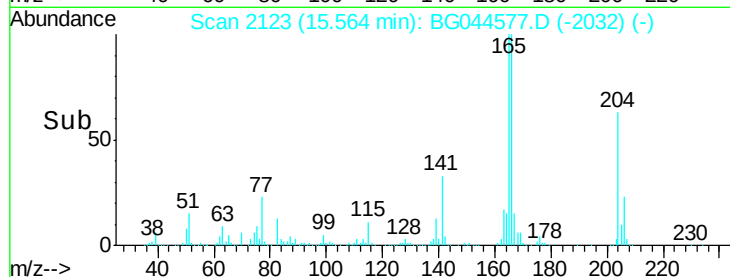
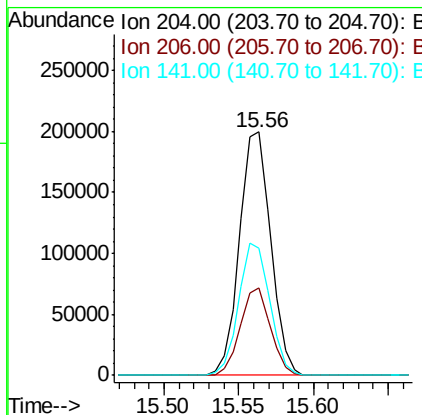
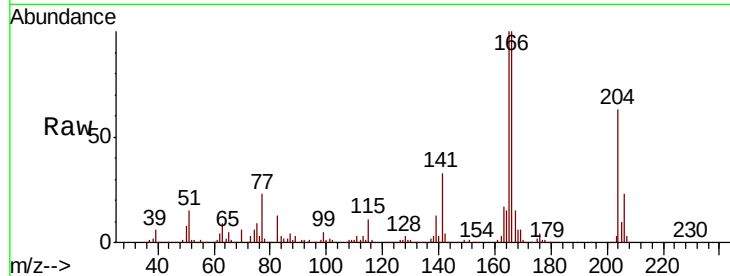
#61
 4-Chlorophenyl-phenylether
 Concen: 37.730 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleID :
 PB126985BSD

Tot Ion:	204	Resp:	290114
Ion Ratio	Lower	Upper	
204	100		
206	35.8	27.8	41.8
141	52.2	43.8	65.8

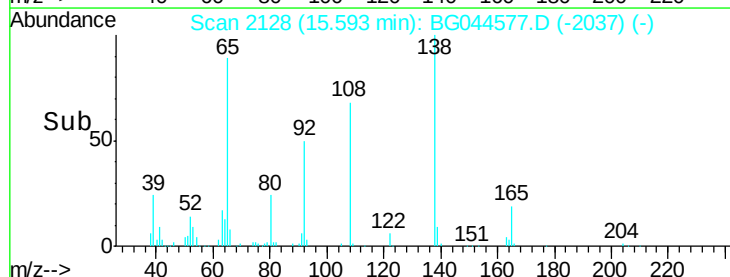
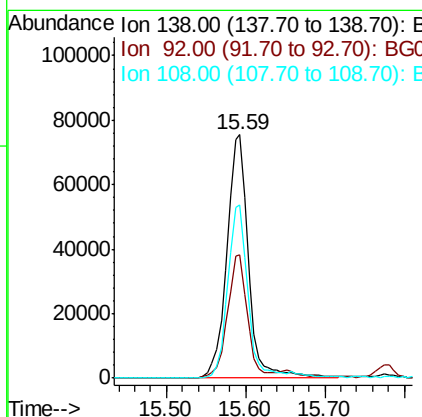
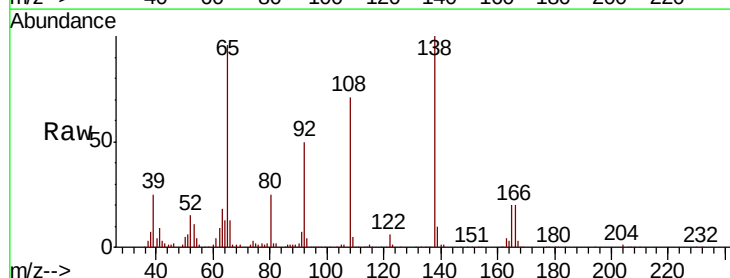
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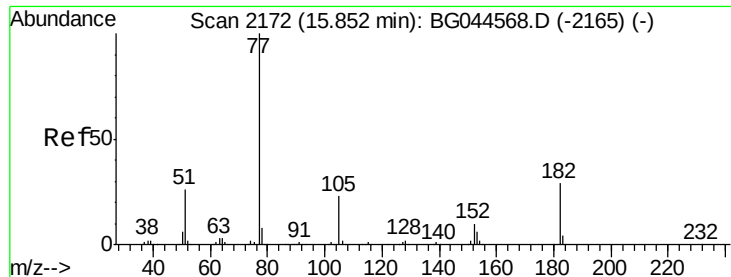
mohammad
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#62
 4-Nitroaniline
 Concen: 38.915 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion:	138	Resp:	142533
Ion Ratio	Lower	Upper	
138	100		
92	50.4	26.4	66.4
108	71.2	50.5	90.5





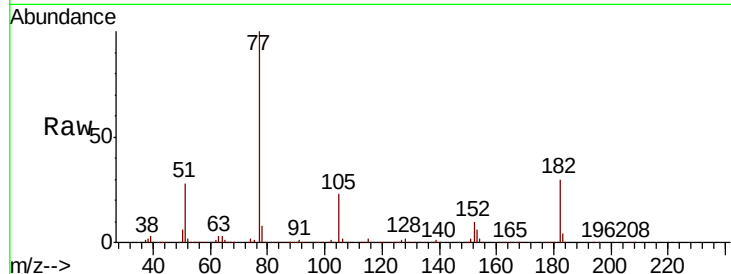
#63
Azobenzene
Concen: 40.192 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

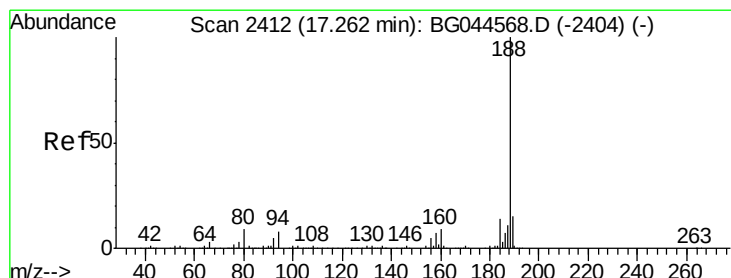
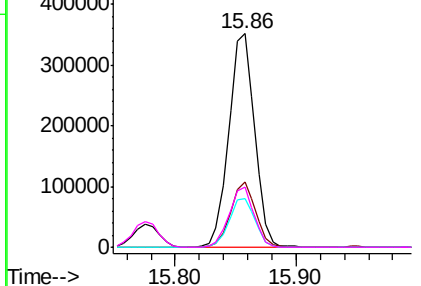
Tot Ion	Ratio	Lower	Upper
77	100		
182	30.4	9.4	49.4
105	23.1	3.4	43.4
51	28.0	6.4	46.4

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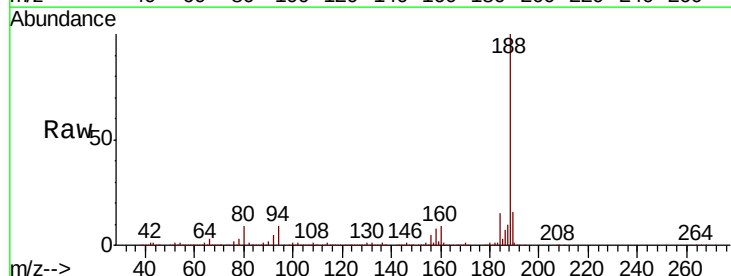


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

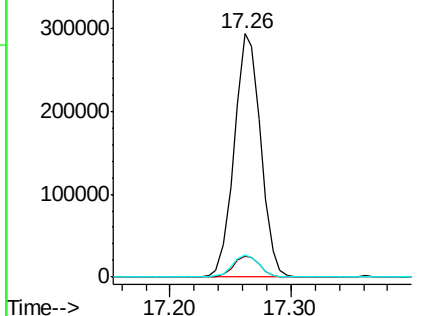


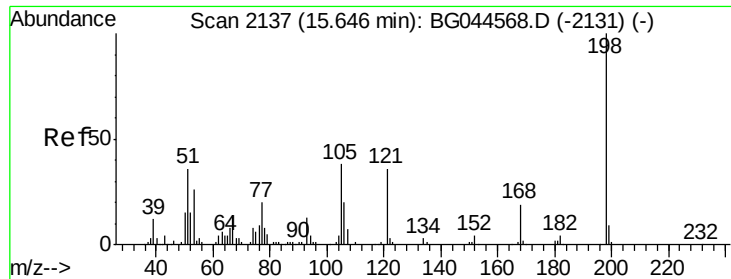
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.3	7.6	11.4



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





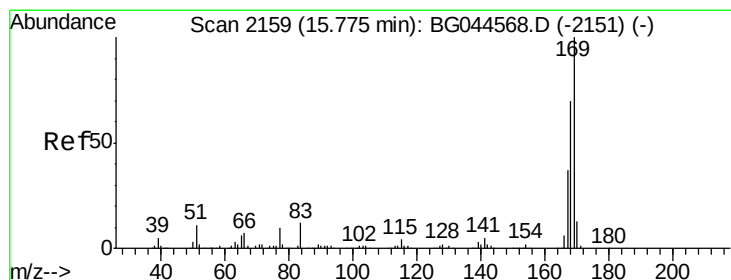
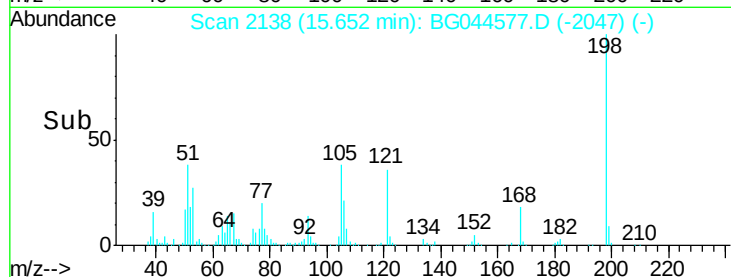
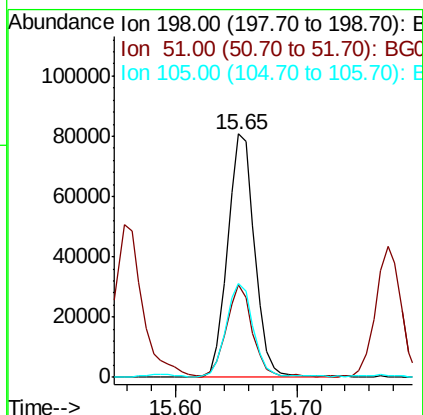
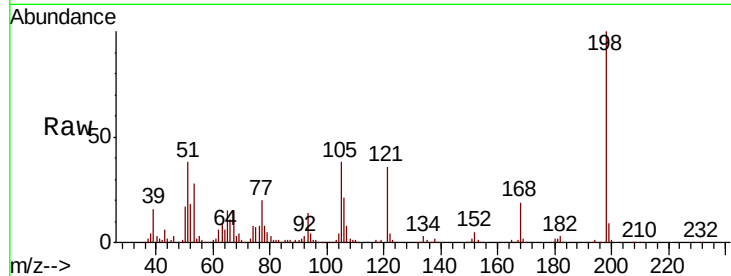
#65
4,6-Dinitro-2-methylphenol
Concen: 45.286 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleID :
PB126985BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	125428		
51	37.9		17.0	57.0
105	38.3		18.4	58.4

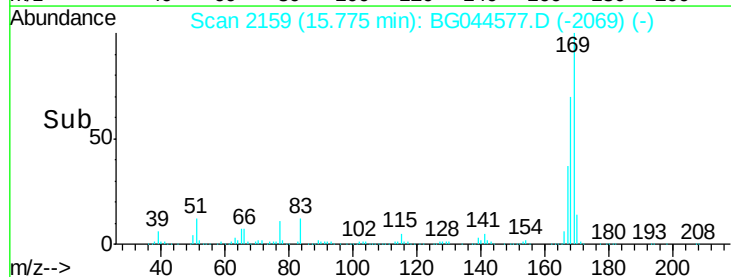
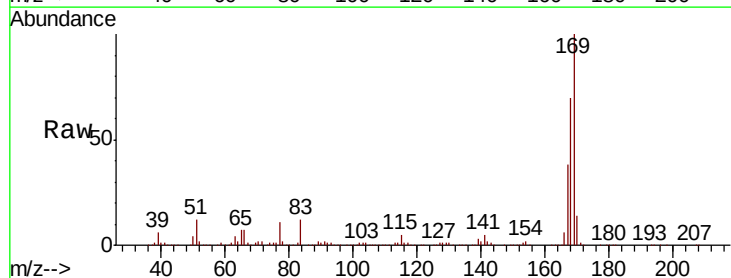
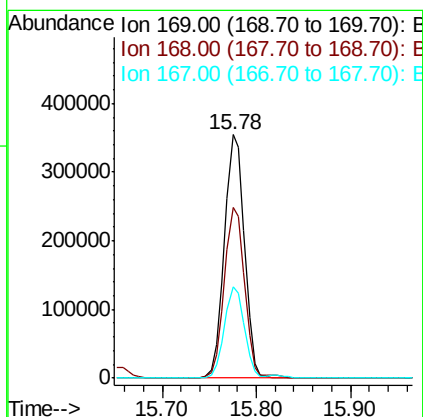
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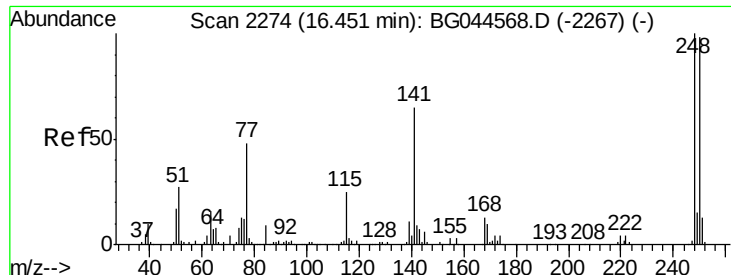
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#66
n-Nitrosodiphenylamine
Concen: 37.754 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	526770		
168	70.3		56.1	84.1
167	37.5		29.4	44.0





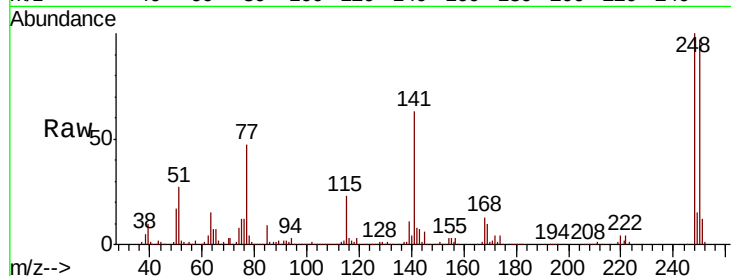
#67
 4-Bromophenyl-phenylether
 Concen: 35.567 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.7	118.1
141	63.1	52.3	78.5

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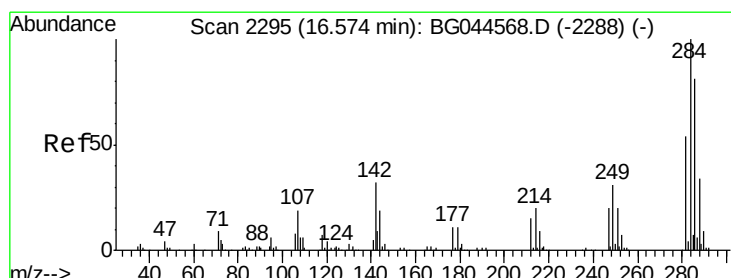
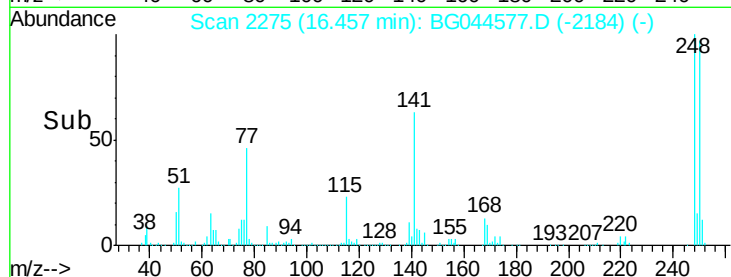
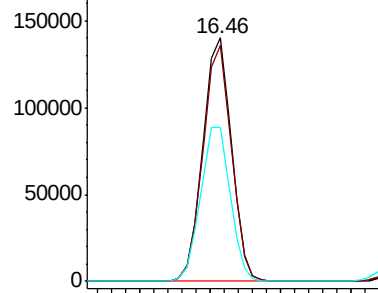


Abundance

Ion 248.00 (247.70 to 248.70): E

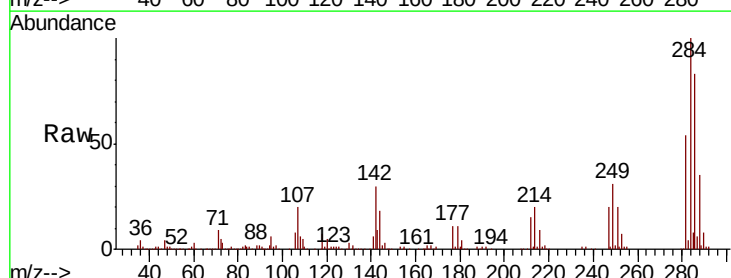
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.657 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.6	38.4
249	31.2	24.6	36.8

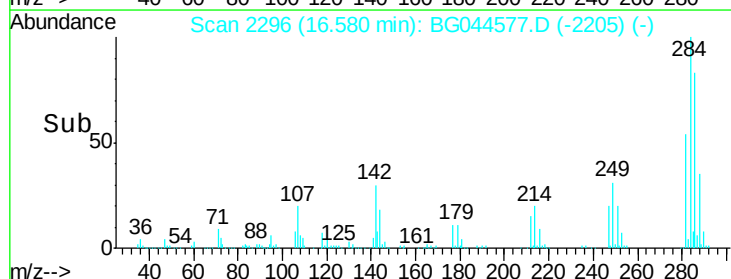
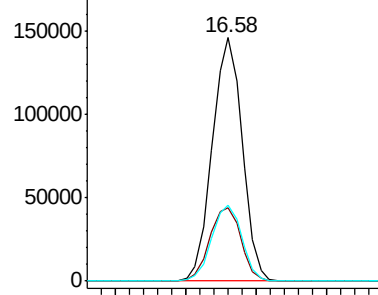


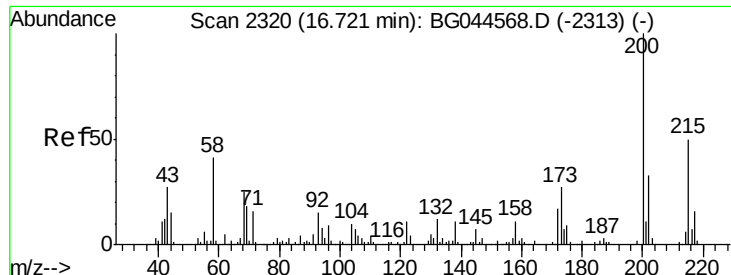
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





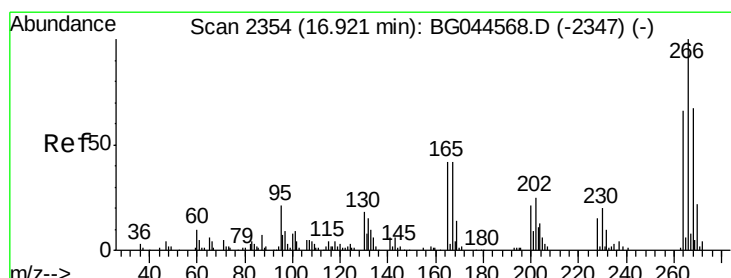
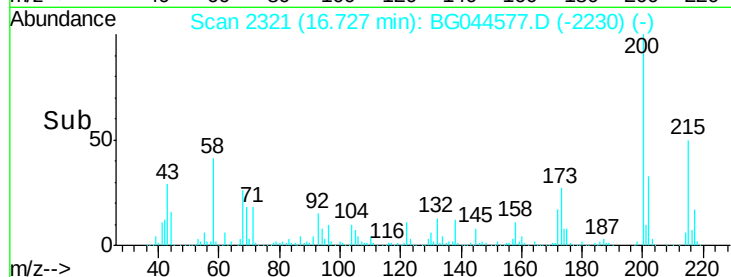
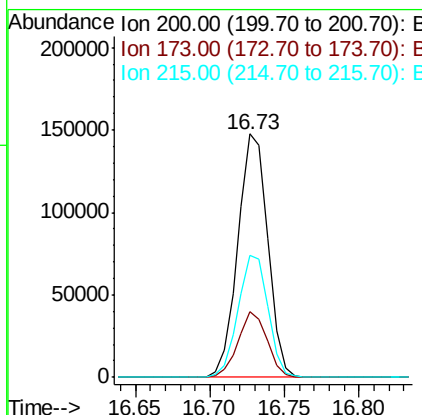
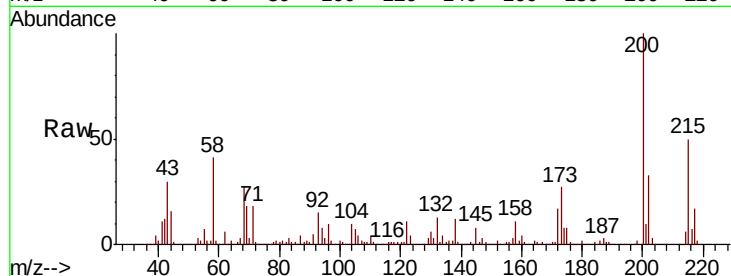
#69
 Atrazine
 Concen: 39.920 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	6.6	46.6
215	50.0	30.3	70.3

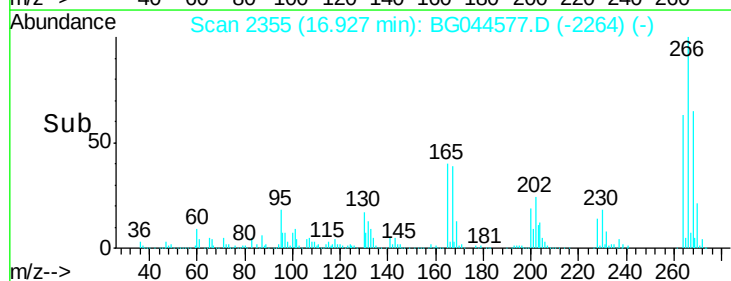
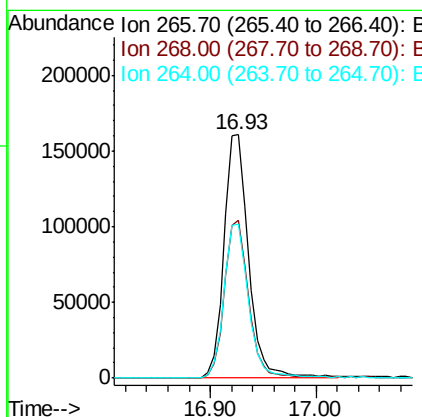
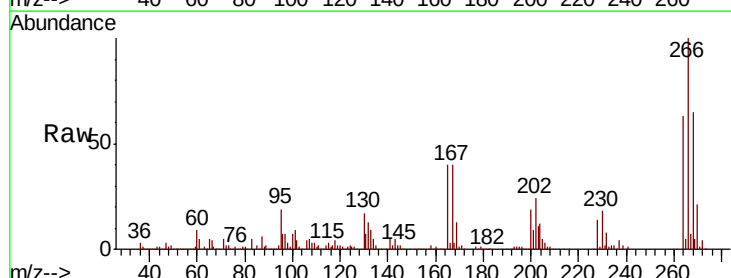
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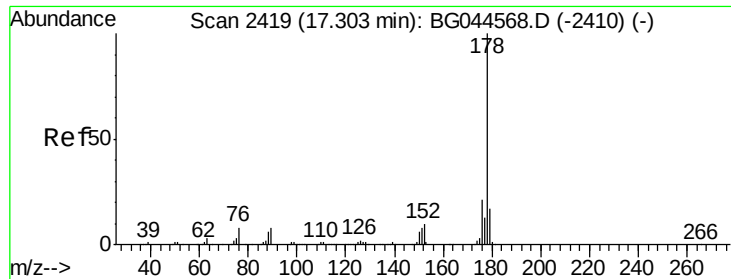
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#70
 Pentachlorophenol
 Concen: 84.040 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	53.4	80.0
264	63.0	53.0	79.4





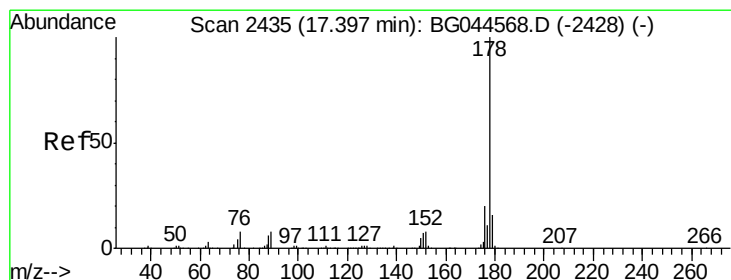
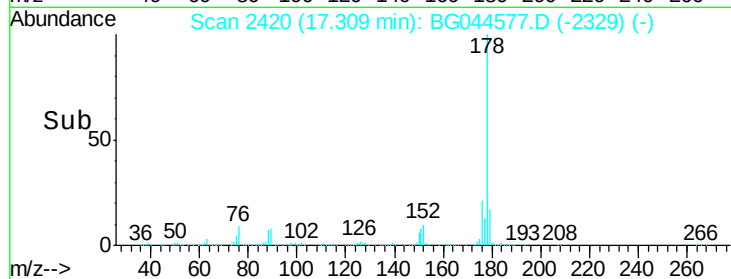
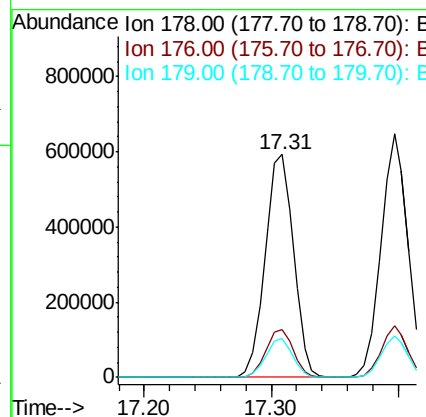
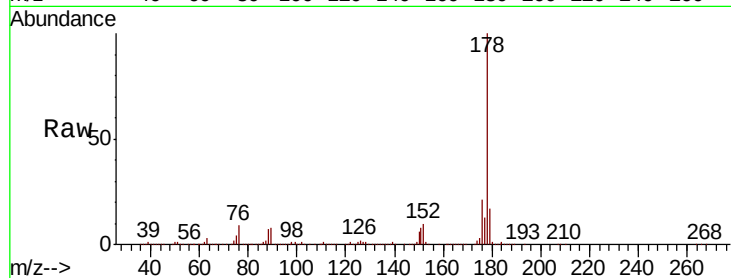
#71
Phenanthrene
Concen: 37.386 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	25.0
179	17.2	13.3	19.9

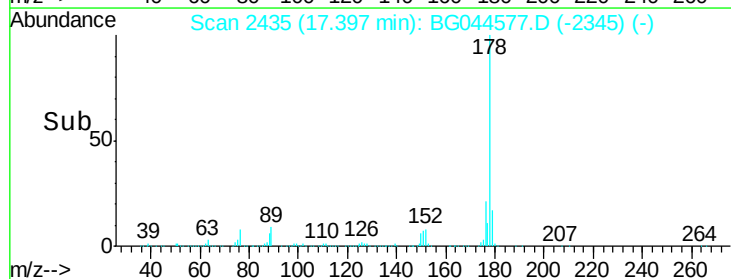
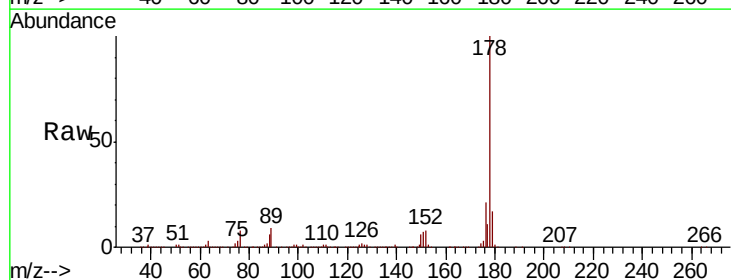
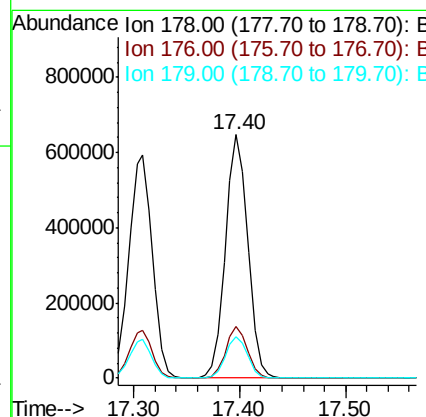
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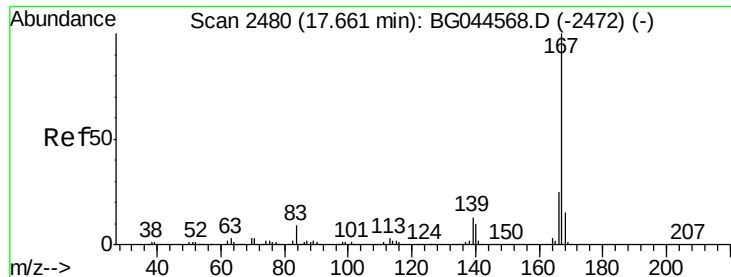
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#72
Anthracene
Concen: 39.012 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.9	23.9
179	17.2	13.1	19.7





#73

Carbazole

Concen: 40.200 ng

RT: 17.67 min Scan# 2481

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

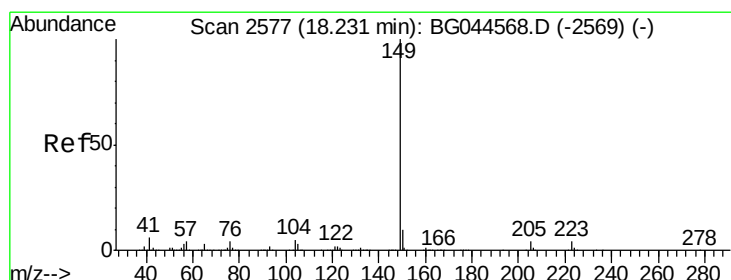
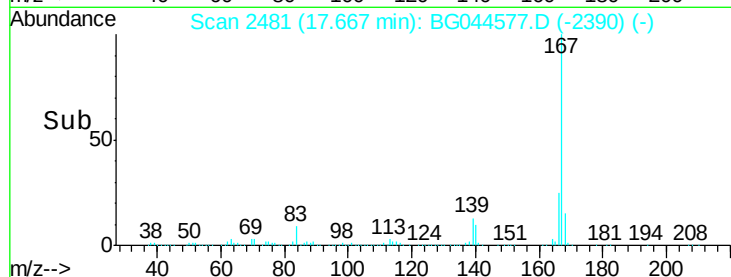
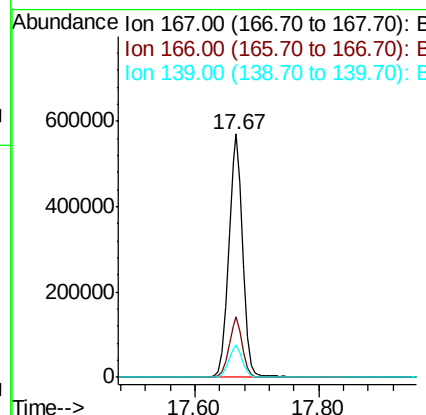
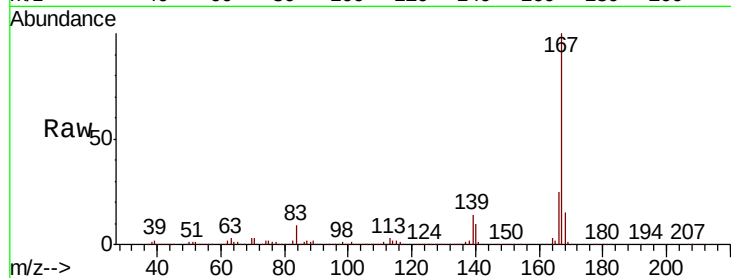
ClientSampleId :

PB126985BSD

Tot Ion:	167	Resp:	893002
Ion Ratio	Lower	Upper	
167	100		
166	24.9	19.7	29.5
139	13.5	10.6	15.8

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#74

Di-n-butylphthalate

Concen: 39.579 ng

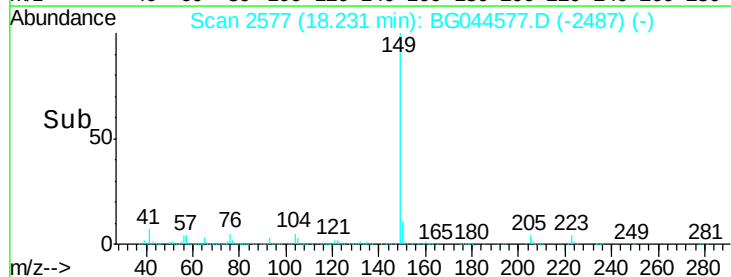
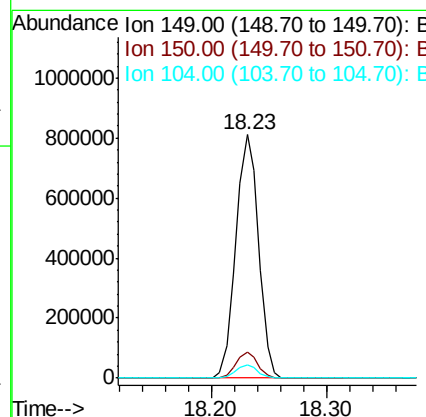
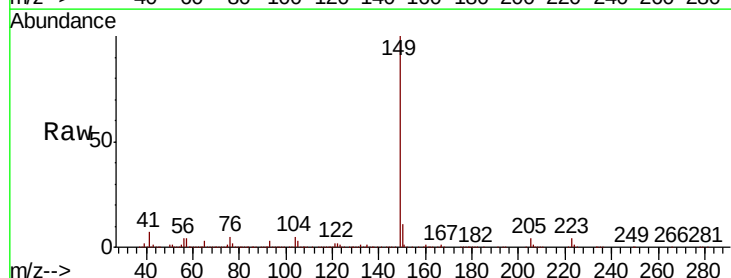
RT: 18.23 min Scan# 2577

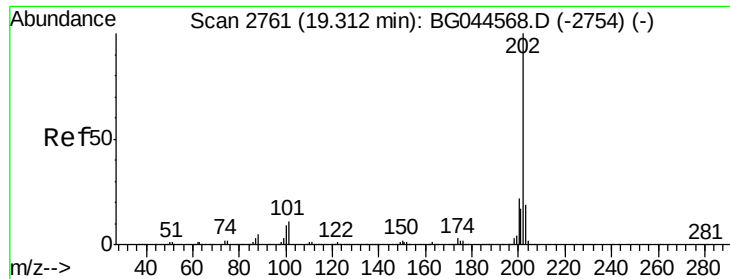
Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:	149	Resp:	1101736
Ion Ratio	Lower	Upper	
149	100		
150	10.5	7.8	11.8
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 39.474 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

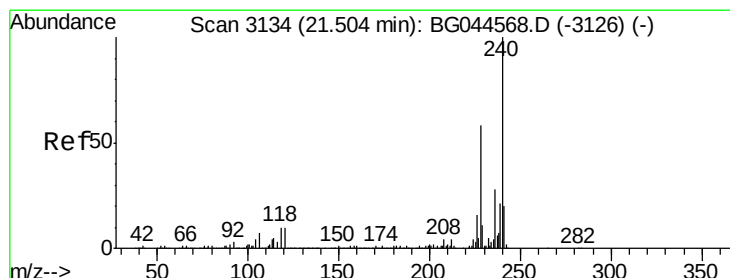
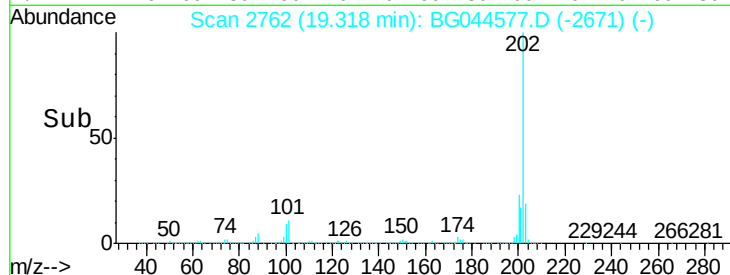
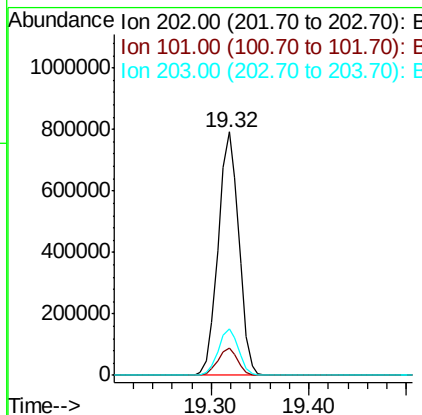
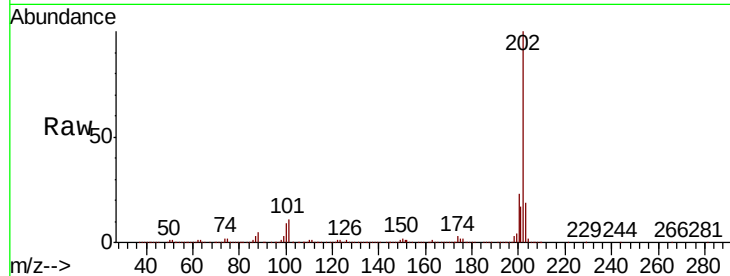
ClientSampled :

PB126985BSD

Tot Ion:	202	Resp:	1157204
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.0
203	19.4	0.0	39.2

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#76

Chrysene-d12

Concen: 20.000 ng

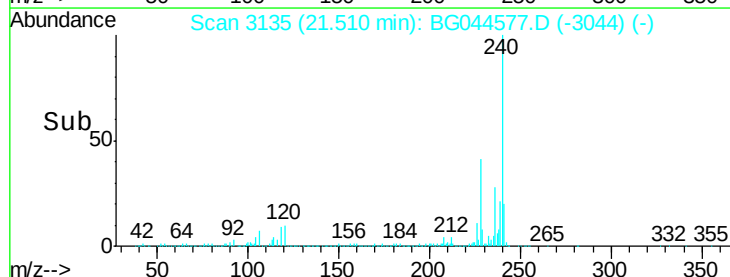
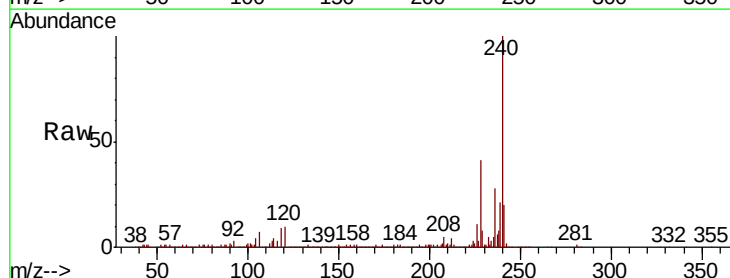
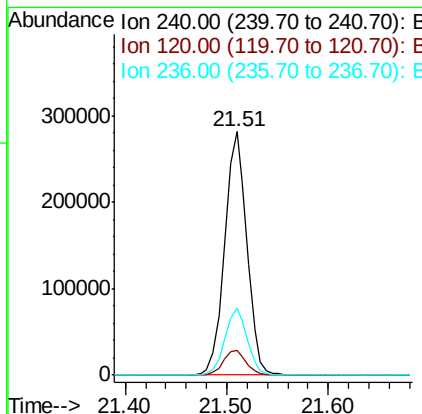
RT: 21.51 min Scan# 3135

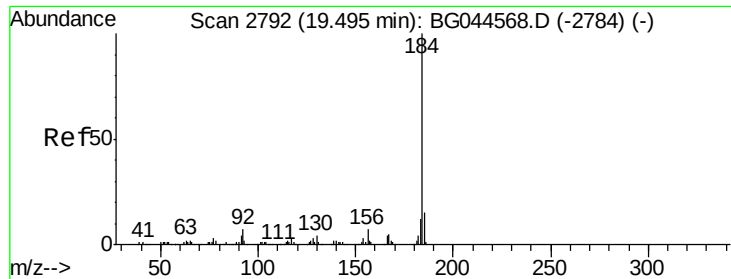
Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:	240	Resp:	426992
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	27.5	22.3	33.5





#77

Benzidine

Concen: 14.750 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

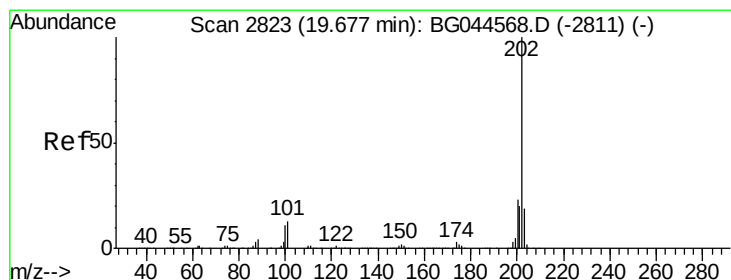
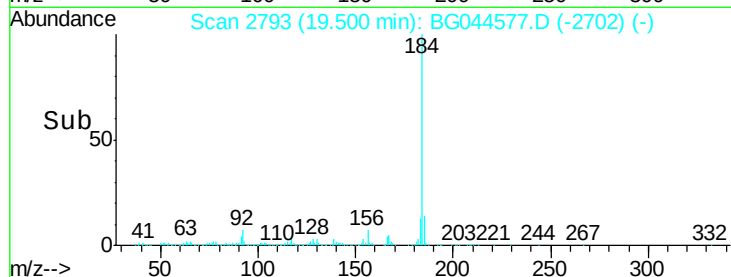
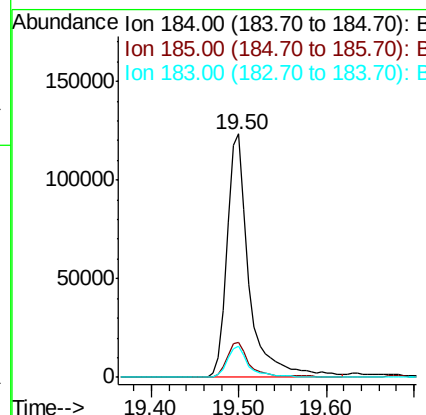
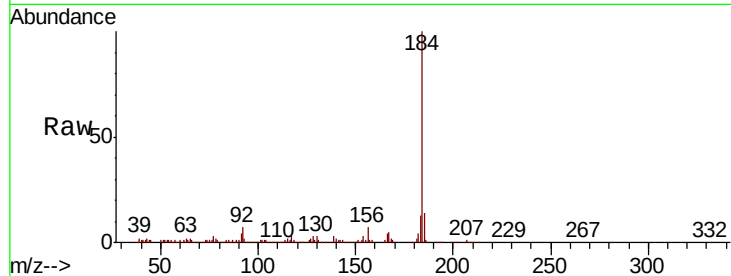
ClientSampleId :

PB126985BSD

Tot Ion:	184	Resp:	215745
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	12.6	9.9	14.9

Manual Integrations
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#78

Pyrene

Concen: 37.522 ng

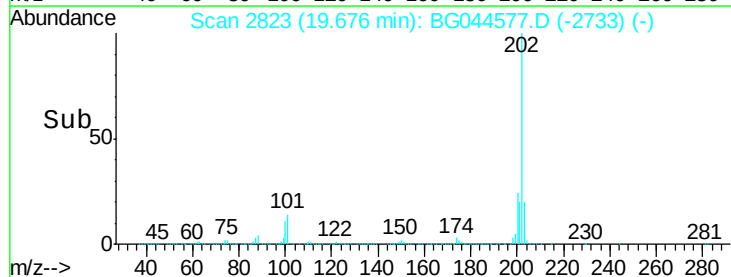
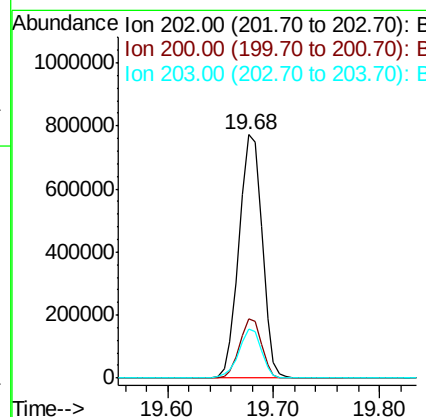
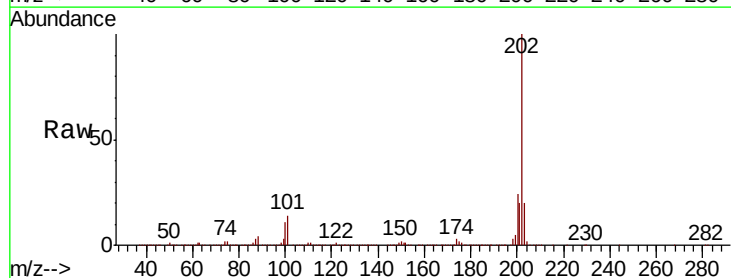
RT: 19.68 min Scan# 2823

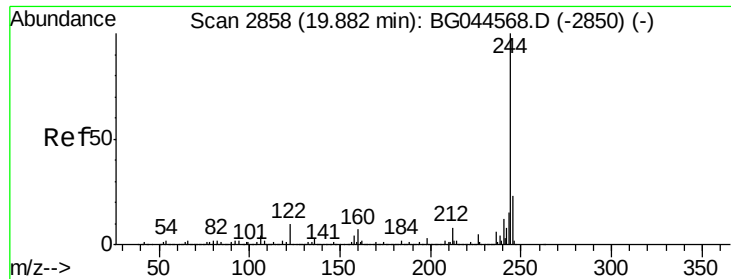
Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:	202	Resp:	1163035
Ion Ratio	Lower	Upper	
202	100		
200	24.1	18.6	28.0
203	19.9	15.3	22.9





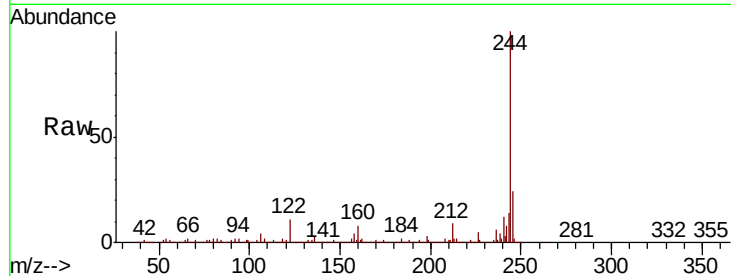
#79
 Terphenyl-d14
 Concen: 63.430 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BSD

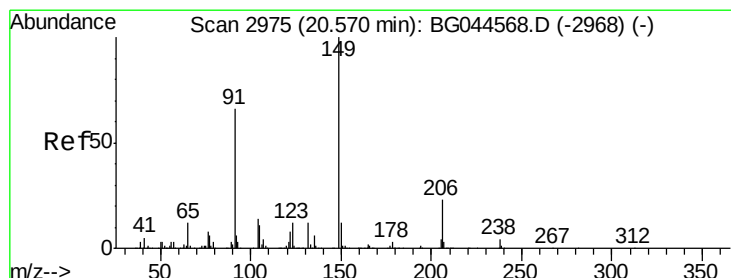
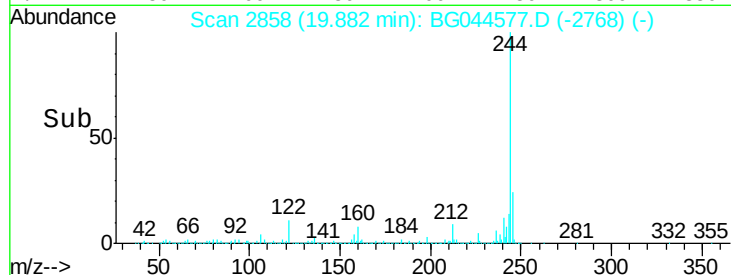
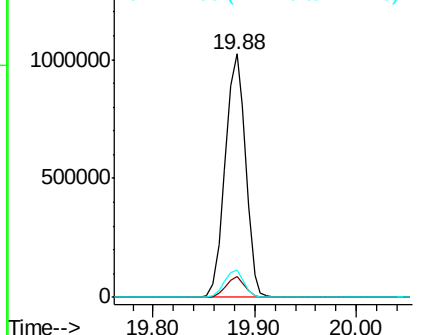
Tot Ion:244 Resp: 1430701
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 11.3 8.2 12.4

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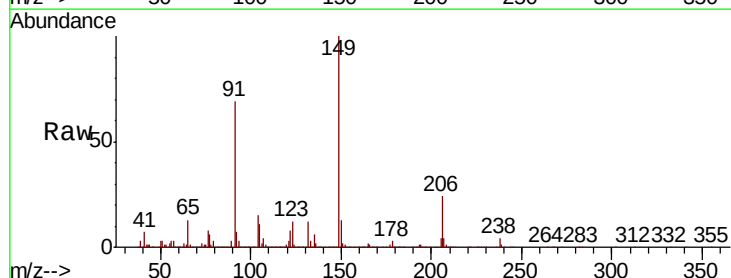


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

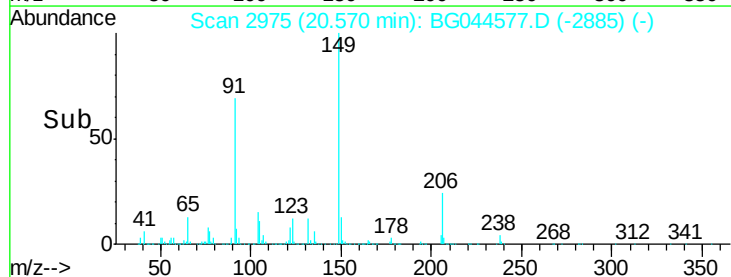
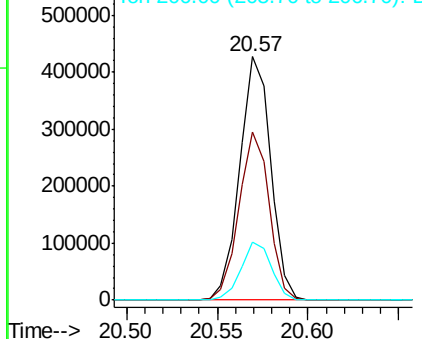


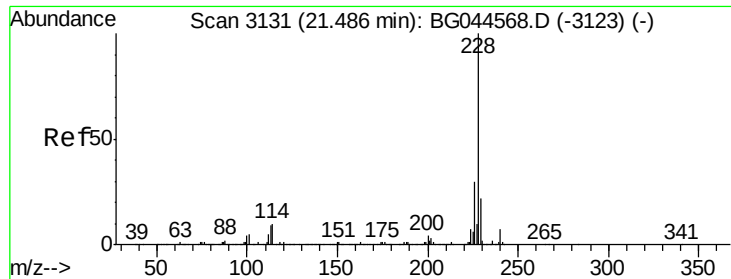
#80
 Butylbenzylphthalate
 Concen: 37.374 ng
 RT: 20.57 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion:149 Resp: 506720
 Ion Ratio Lower Upper
 149 100
 91 68.8 52.7 79.1
 206 24.0 18.6 28.0



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





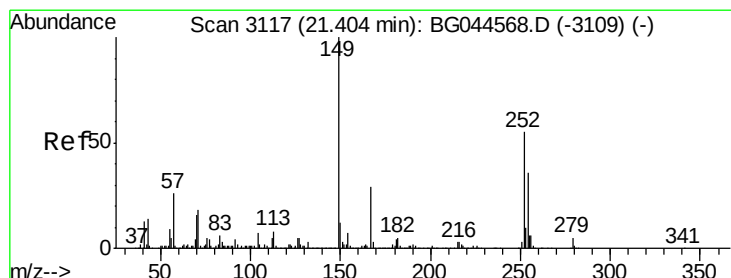
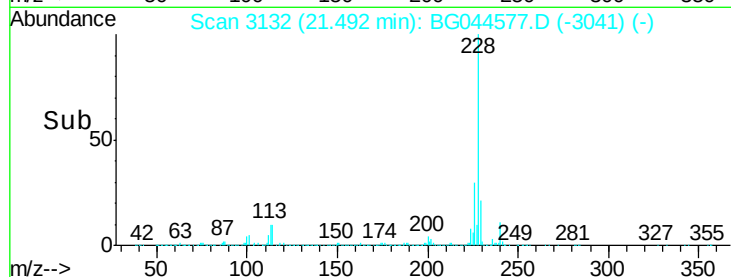
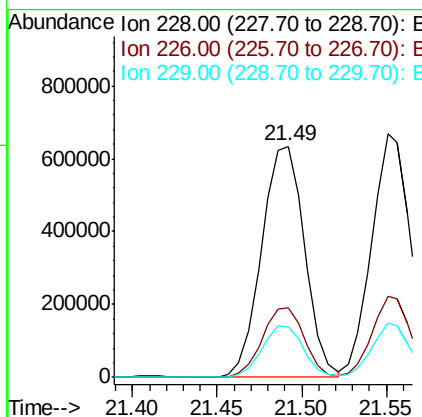
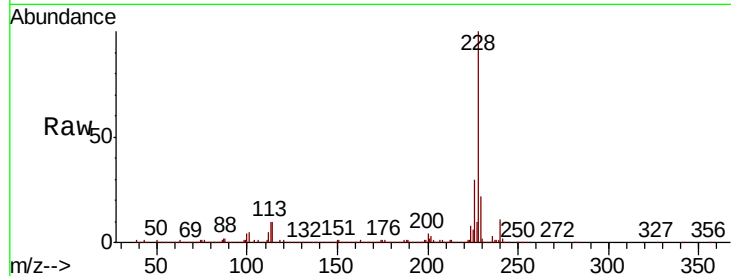
#81
Benzo(a)anthracene
Concen: 37.407 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	21.5	17.2	25.8

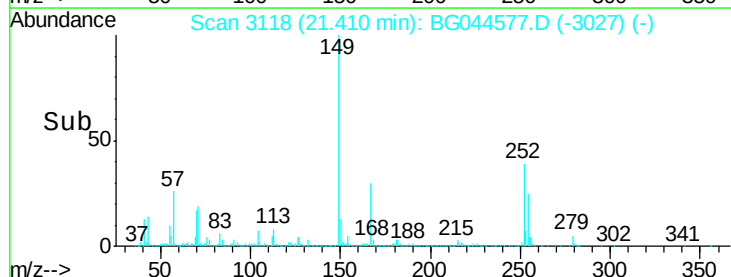
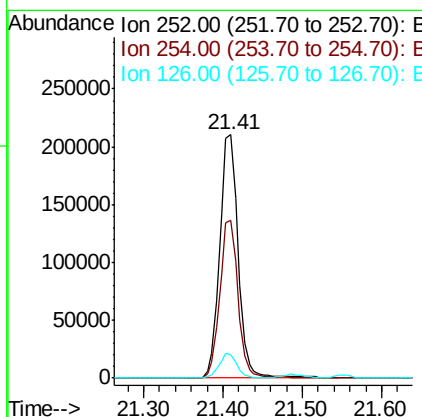
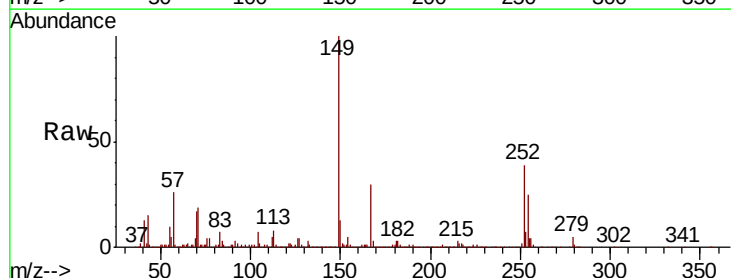
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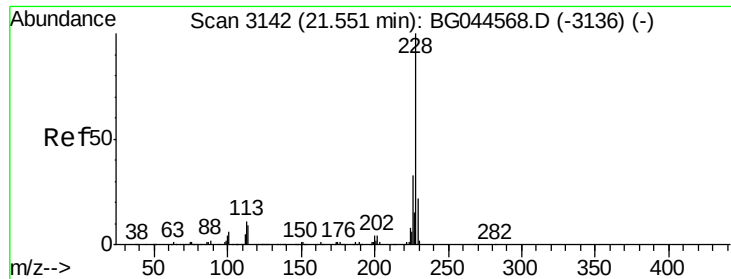
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#82
3,3'-Dichlorobenzidine
Concen: 28.676 ng
RT: 21.41 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.5	77.3
126	9.7	7.8	11.6





#83
 Chrysene
 Concen: 36.954 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

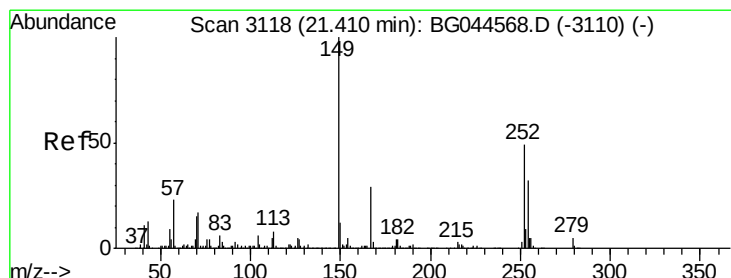
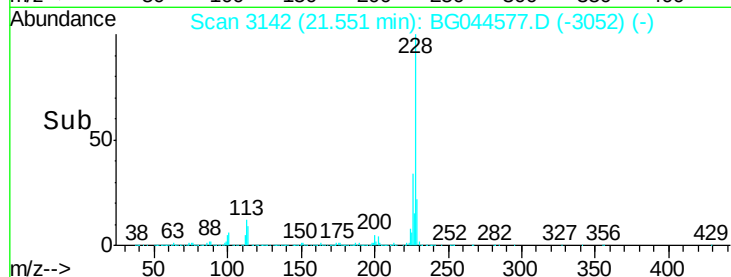
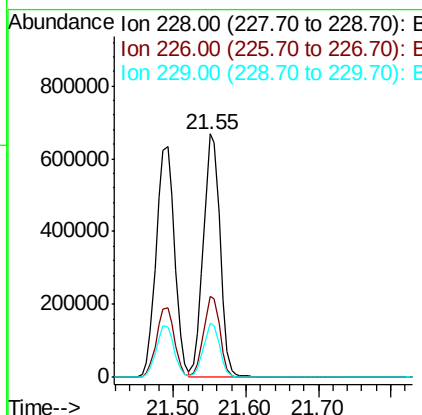
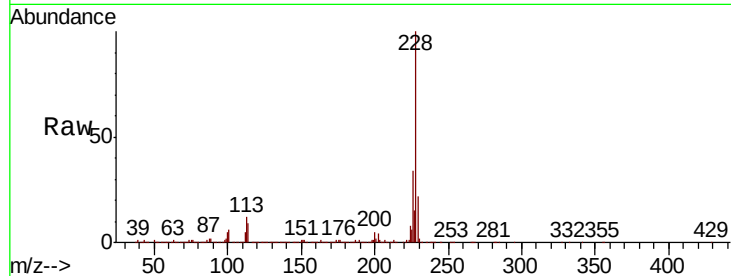
Instrument :
 BNA_G
 ClientSampleId :
 PB126985BSD

Tot Ion:228 Resp: 1072267

Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.1	39.1
229	22.3	17.2	25.8

Manual Integrations
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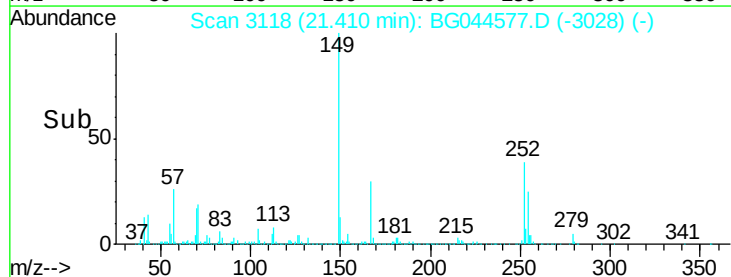
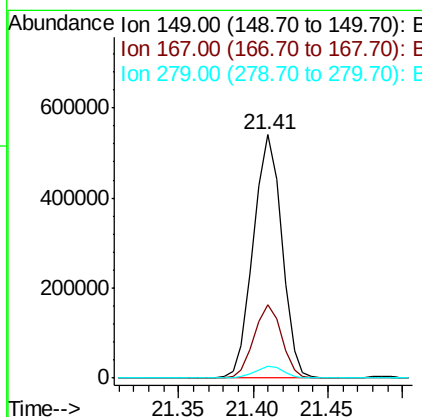
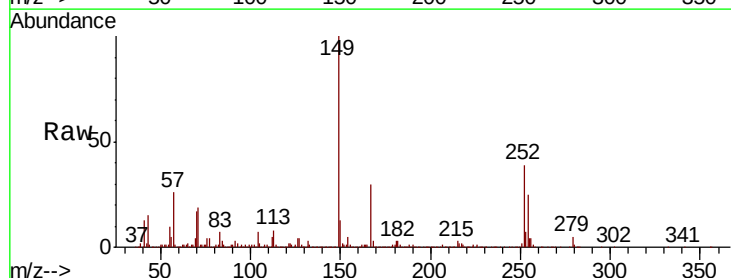
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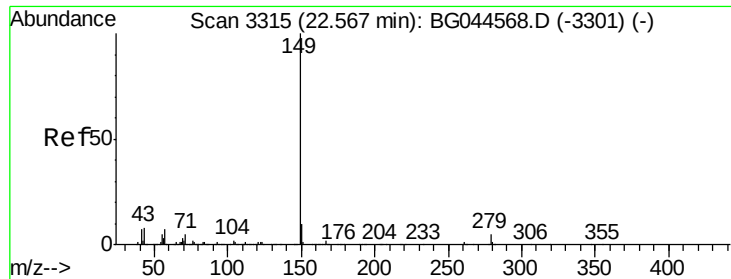


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.957 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion:149 Resp: 709101

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.4	35.0
279	4.8	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 38.212 ng

RT: 22.57 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

PB126985BSD

Tot Ion:149 Resp: 1255966

Ion Ratio Lower Upper

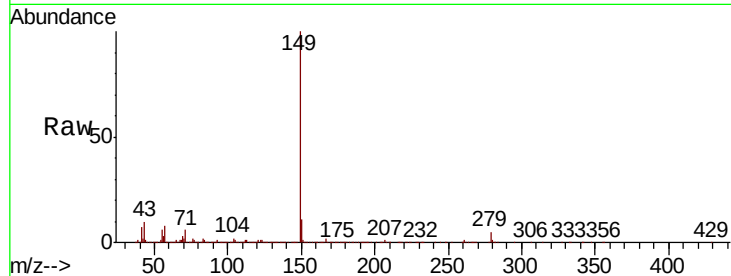
149 100

167 1.7 1.3 1.9

43 9.0 6.6 10.0

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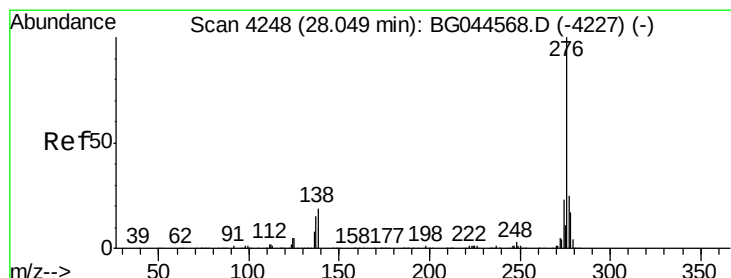
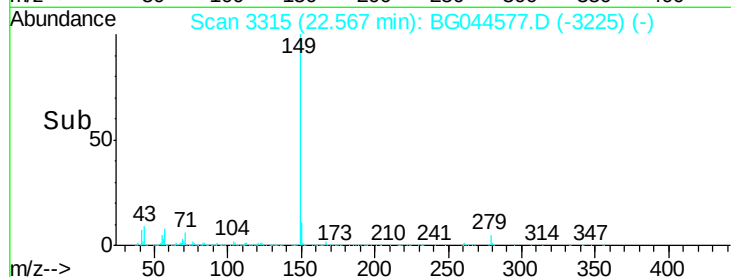
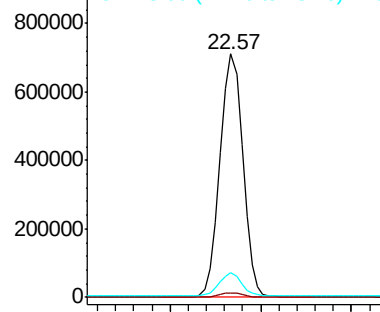
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.295 ng

RT: 28.06 min Scan# 4250

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

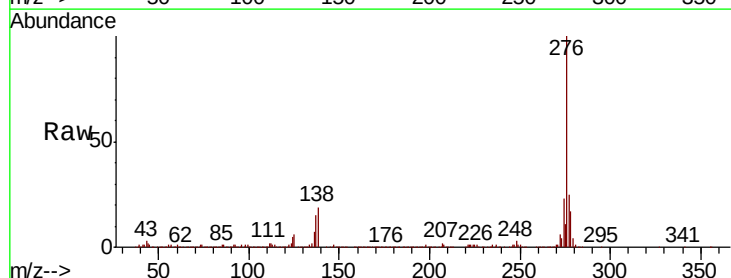
Tgt Ion:276 Resp: 1351548

Ion Ratio Lower Upper

276 100

138 23.6 18.2 27.4

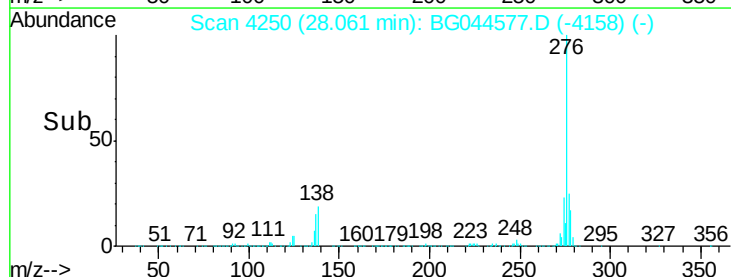
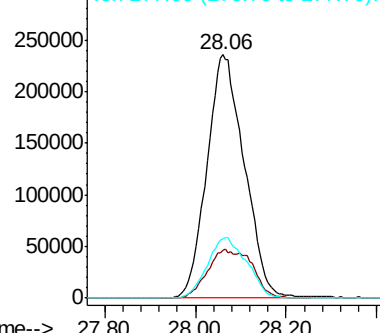
277 26.2 20.7 31.1

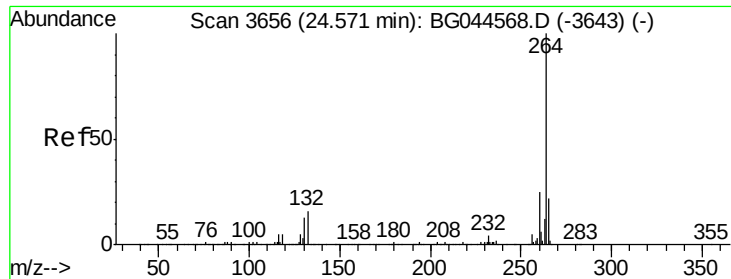


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





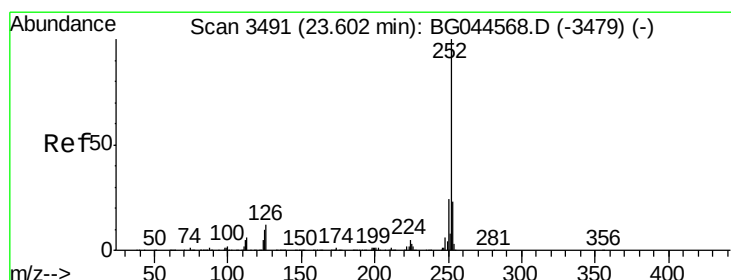
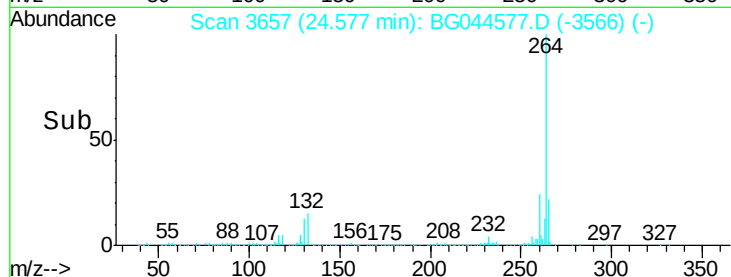
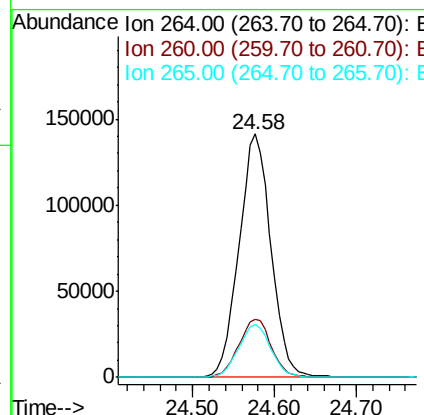
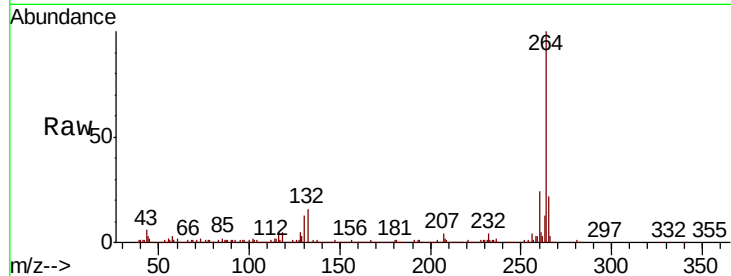
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3657
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.8	17.8	26.8

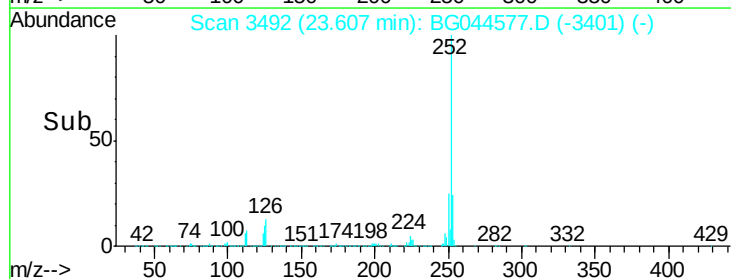
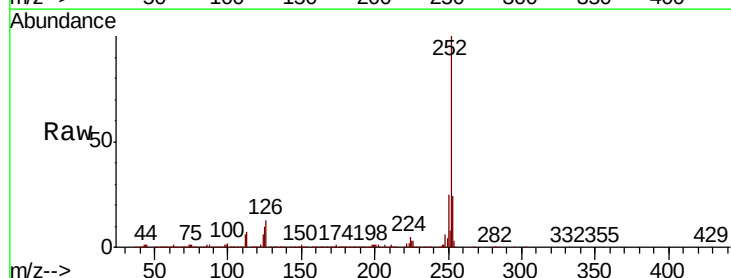
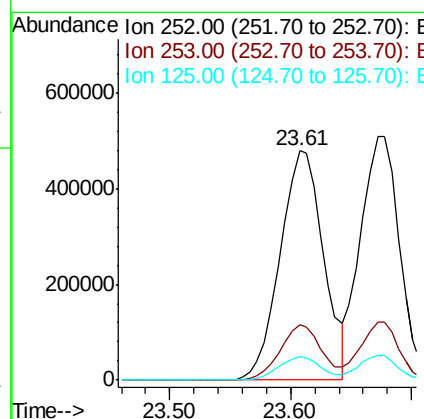
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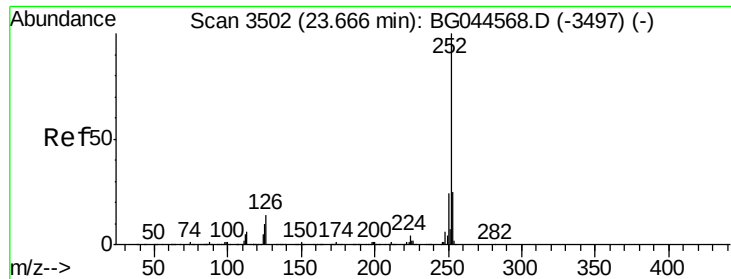
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#88
Benzo(b)fluoranthene
Concen: 47.139 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	10.4	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 46.709 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

PB126985BSD

Tot Ion:252 Resp: 1144842

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

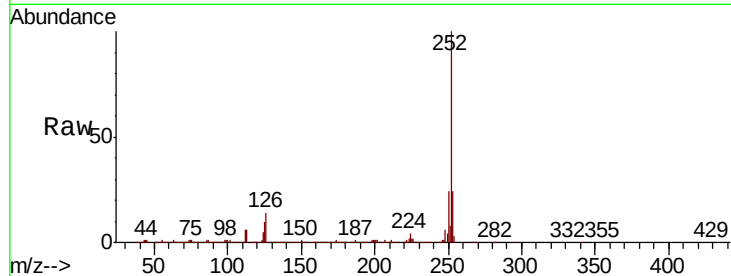
125 10.3 7.8 11.8

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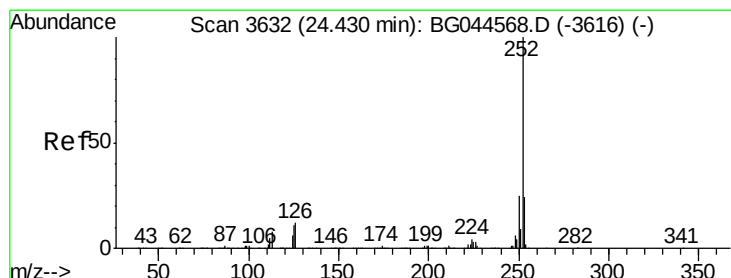
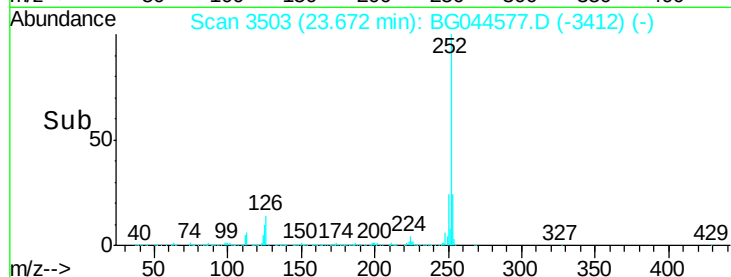
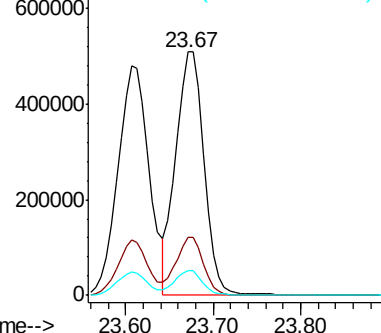
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.563 ng

RT: 24.44 min Scan# 3633

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:252 Resp: 1081372

Ion Ratio Lower Upper

252 100

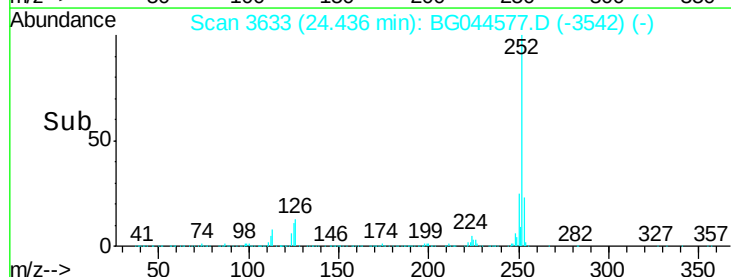
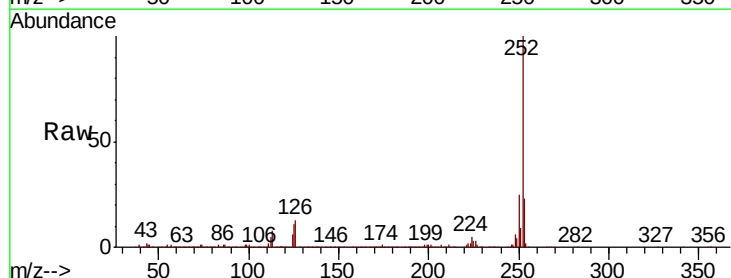
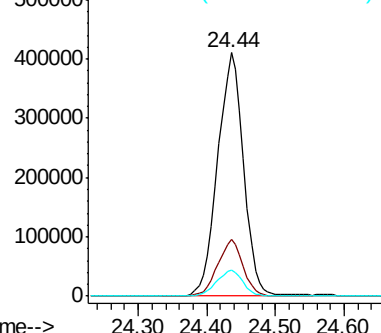
253 23.2 19.0 28.4

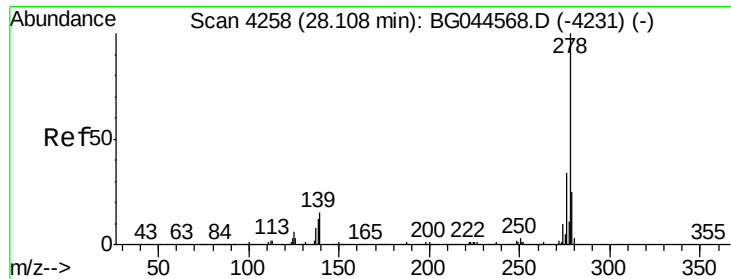
125 10.9 8.5 12.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





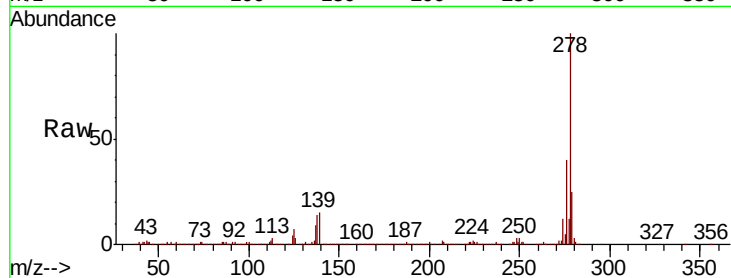
#91
Dibenzo(a,h)anthracene
Concen: 48.149 ng
RT: 28.11 min Scan# 4259
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :
PB126985BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.7	17.5
279	24.7	19.8	29.6

Manual Integrations
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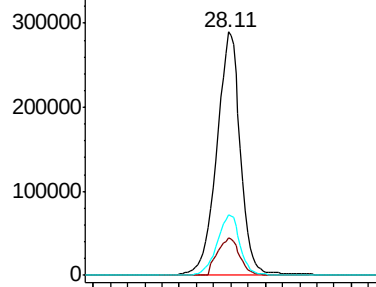


Abundance

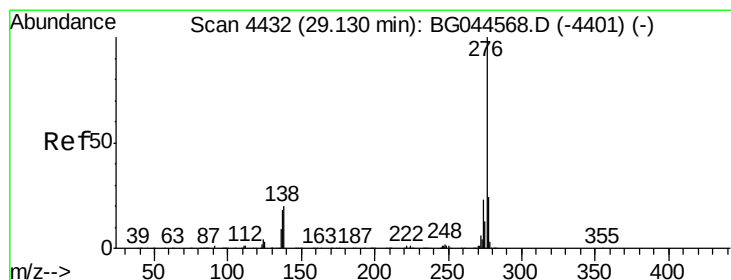
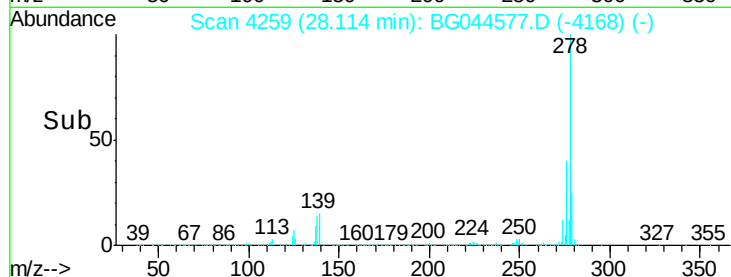
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

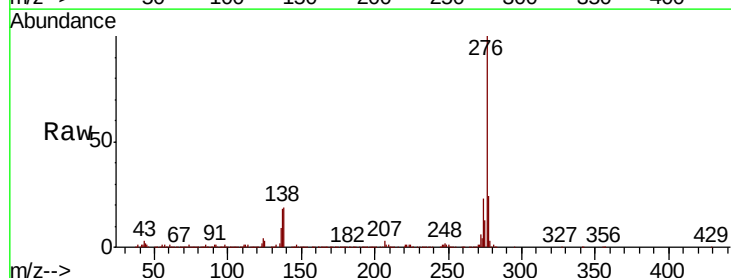


Time-->



#92
Benzo(g,h,i)perylene
Concen: 48.963 ng
RT: 29.15 min Scan# 4435
Delta R.T. 0.02 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	19.3	16.1	24.1

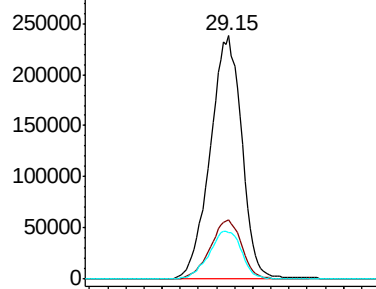


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

