

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045214.D
 Acq On : 29 Apr 2020 20:59
 Operator : CG/JU
 Sample : L2422-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Manual Integrations
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 4/30/2020 1:37:58 PM

Quant Time: Apr 30 01:06:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61858	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	255256	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	195756	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	472850	20.00	ng	0.00
76) Chrysene-d12	21.64	240	426800	20.00	ng	0.00
87) Perylene-d12	24.82	264	465143	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	471422	125.82	ng	0.00
7) Phenol-d6	7.16	99	605352	108.74	ng	0.00
23) Nitrobenzene-d5	9.15	82	484972	86.69	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	403399	133.39	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1143458	85.65	ng	0.00
79) Terphenyl-d14	19.99	244	1955219	99.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	64655	38.829	ng	# 42
3) Pyridine	3.86	79	166925	32.558	ng	92
4) n-Nitrosodimethylamine	3.76	42	66389	42.270	ng	# 96
6) Aniline	7.31	93	134338	18.560	ng	98
8) 2-Chlorophenol	7.56	128	198026	49.177	ng	98
9) Benzaldehyde	7.12	77	80249	21.507	ng	96
10) Phenol	7.18	94	219108	39.333	ng	96
11) bis(2-Chloroethyl)ether	7.40	93	187663	42.312	ng	96
12) 1,3-Dichlorobenzene	7.88	146	193394	40.757	ng	98
13) 1,4-Dichlorobenzene	8.03	146	195456	41.339	ng	98
14) 1,2-Dichlorobenzene	8.34	146	184094	40.698	ng	92
15) Benzyl Alcohol	8.23	79	203148	43.526	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	169729	38.985	ng	97
17) 2-Methylphenol	8.44	107	173488	40.365	ng	97
18) Hexachloroethane	9.08	117	74246	41.771	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	168404	42.776	ng	98
20) 3+4-Methylphenols	8.77	107	244336	40.615	ng	98
22) Acetophenone	8.81	105	314942	45.625	ng	98
24) Nitrobenzene	9.19	77	257342	44.878	ng	94
25) Isophorone	9.72	82	493540	43.081	ng	98
26) 2-Nitrophenol	9.91	139	118887	48.132	ng	98
27) 2,4-Dimethylphenol	9.97	122	180659	46.096	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	269181	44.720	ng	95
29) 2,4-Dichlorophenol	10.45	162	218642	48.314	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	217303	42.411	ng	96
31) Naphthalene	10.85	128	627210	44.917	ng	100
32) Benzoic acid	10.12	122	147282	46.715	ng	98
33) 4-Chloroaniline	10.96	127	24751	3.801	ng	# 93
34) Hexachlorobutadiene	11.14	225	151300	43.069	ng	96
35) Caprolactam	11.72	113	57111m	31.709	ng	
36) 4-Chloro-3-methylphenol	12.09	107	253925	47.764	ng	98
37) 2-Methylnaphthalene	12.46	142	481465	44.422	ng	98
38) 1-Methylnaphthalene	12.67	142	468572	45.795	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	270586	42.931	ng	100

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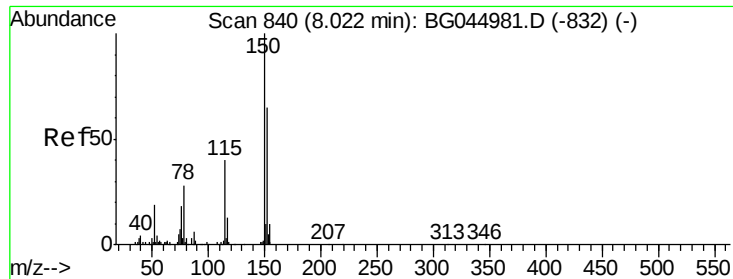
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	288587	73.257	nq	95
43) 2,4,6-Trichlorophenol	13.07	196	205367	46.168	nq	95
44) 2,4,5-Trichlorophenol	13.14	196	218557	43.165	nq	97
46) 1,1'-Biphenyl	13.47	154	622282	41.823	nq	98
47) 2-Chloronaphthalene	13.51	162	488262	42.947	nq	99
48) 2-Nitroaniline	13.70	65	165200	44.164	nq	97
49) Acenaphthylene	14.35	152	803557	43.392	nq	98
50) Dimethylphthalate	14.08	163	792415	49.714	nq	99
51) 2,6-Dinitrotoluene	14.20	165	158604	44.487	nq	98
52) Acenaphthene	14.69	154	596544m	47.611	nq	
53) 3-Nitroaniline	14.53	138	53586	13.704	nq	95
54) 2,4-Dinitrophenol	14.74	184	145363	68.569	nq	91
55) Dibenzofuran	15.03	168	803009	43.960	nq	98
56) 4-Nitrophenol	14.85	139	204192	67.350	nq	98
57) 2,4-Dinitrotoluene	14.99	165	226858	43.542	nq	98
58) Fluorene	15.68	166	680298	45.594	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	215416	47.814	nq	98
60) Diethylphthalate	15.45	149	732153	44.057	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	371943	43.309	nq	99
62) 4-Nitroaniline	15.69	138	148941	36.725	nq	95
63) Azobenzene	15.97	77	680774	44.432	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	127311	40.962	nq	96
66) n-Nitrosodiphenylamine	15.89	169	597096	43.950	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	264800	43.409	nq	97
68) Hexachlorobenzene	16.69	284	279296	44.146	nq	99
69) Atrazine	16.84	200	253101	51.799	nq	97
70) Pentachlorophenol	17.03	266	339658	87.515	nq	99
71) Phenanthrene	17.42	178	1096132	45.111	nq	99
72) Anthracene	17.51	178	1106792	45.409	nq	100
73) Carbazole	17.78	167	1013856	40.989	nq	97
74) Di-n-butylphthalate	18.34	149	1217933	45.271	nq	99
75) Fluoranthene	19.43	202	1325890	46.651	nq	99
77) Benzidine	19.61	184	322188	23.175	nq	96
78) Pyrene	19.79	202	1307147	44.425	nq	99
80) Butylbenzylphthalate	20.68	149	536720	44.006	nq	99
81) Benzo(a)anthracene	21.63	228	1216937	43.992	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	200673	18.226	nq	99
83) Chrysene	21.69	228	1208861	45.482	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	749655	44.690	nq	98
85) Di-n-octyl phthalate	22.74	149	1276570	44.009	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1604105	45.457	nq	# 96
88) Benzo(b)fluoranthene	23.82	252	1353600	46.457	nq	97
89) Benzo(k)fluoranthene	23.88	252	1303150	47.030	nq	98
90) Benzo(a)pyrene	24.67	252	1223225	44.466	nq	98
91) Dibenzo(a,h)anthracene	28.49	278	1311737	47.322	nq	96
92) Benzo(g,h,i)perylene	29.55	276	1301602	46.836	nq	99

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



#1

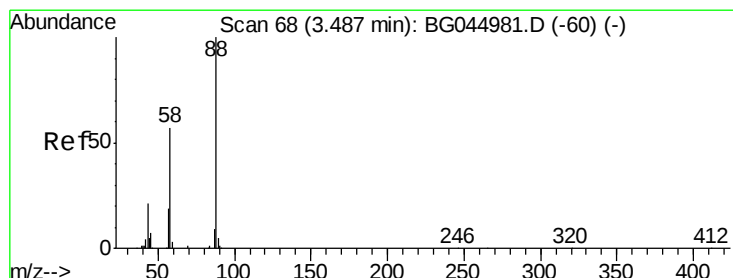
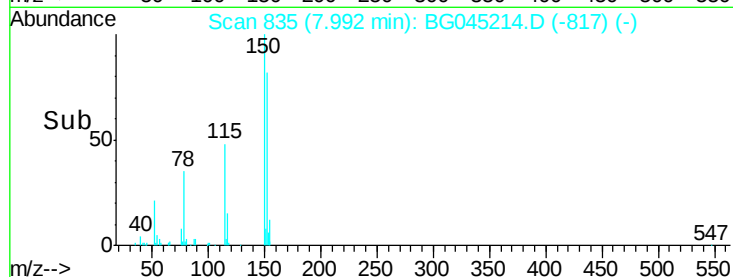
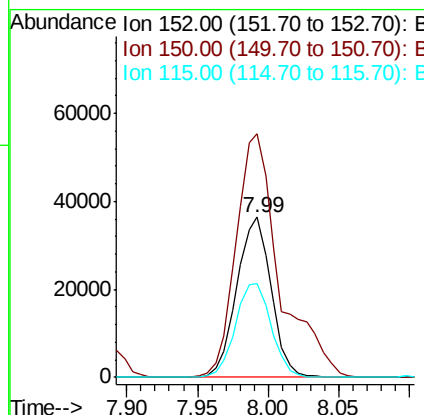
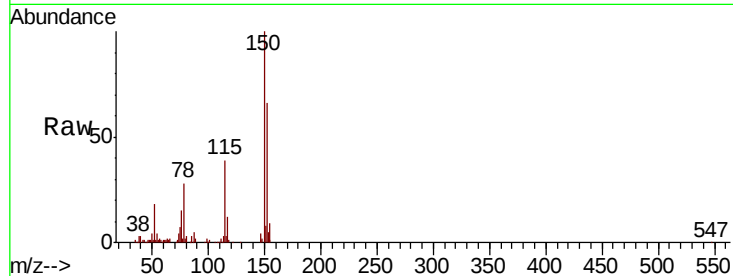
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.6	185.4
115	58.7	49.1	73.7

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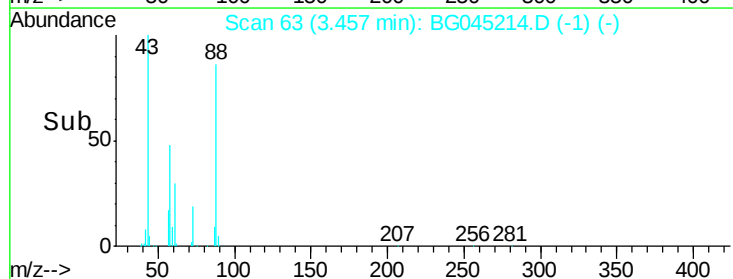
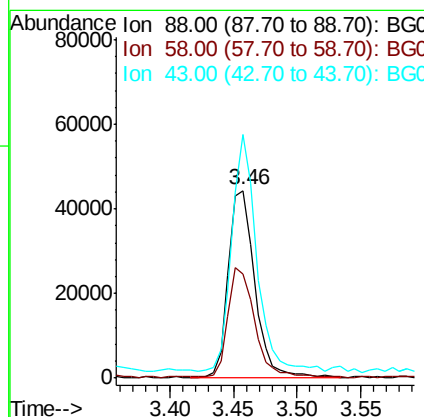
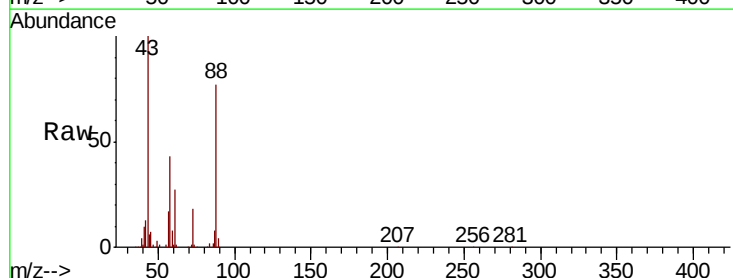
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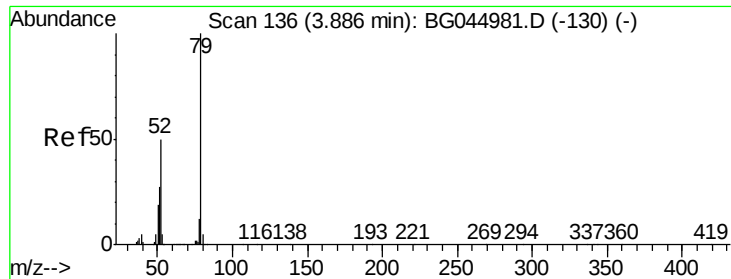


#2

1,4-Dioxane
 Concen: 38.829 ng
 RT: 3.46 min Scan# 63
 Delta R.T. 0.01 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	46.6	69.8
43	117.5	17.5	26.3#





#3

Pvridine

Concen: 32.558 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

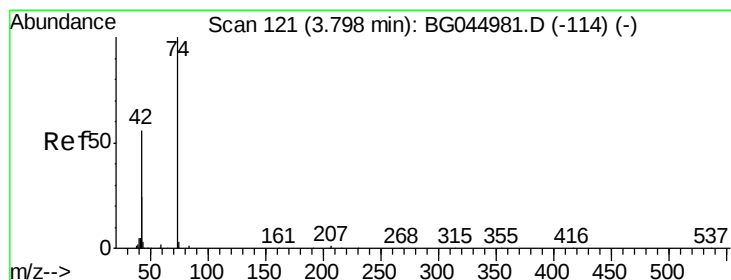
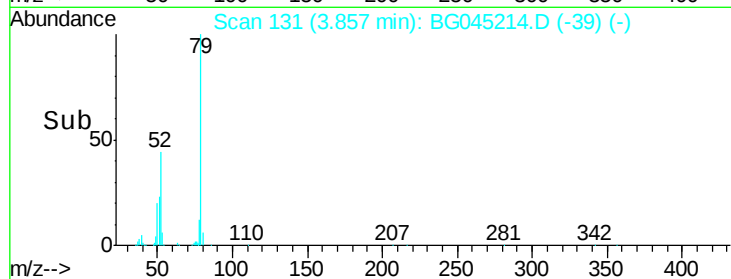
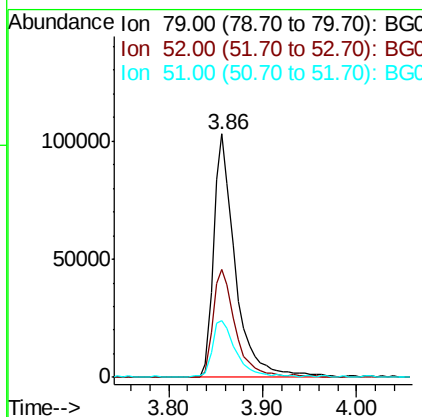
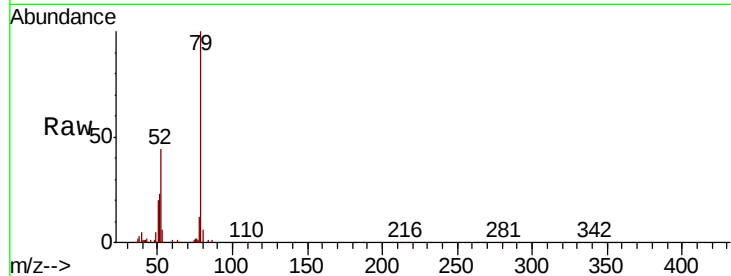
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	79	Resp:	166925
Ion	Ratio	Lower	Upper
79	100		
52	44.1	39.8	59.6
51	23.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 42.270 ng

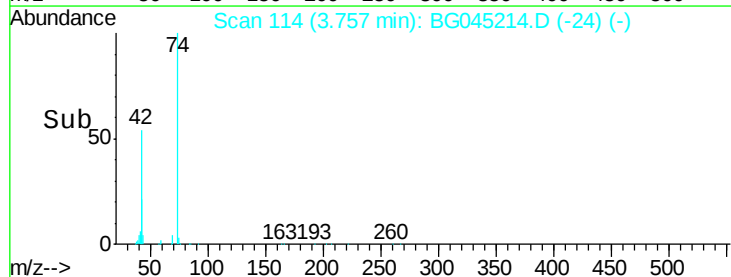
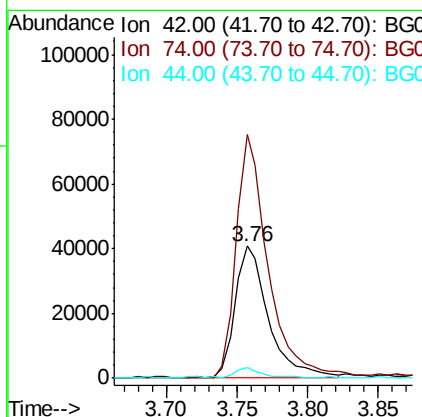
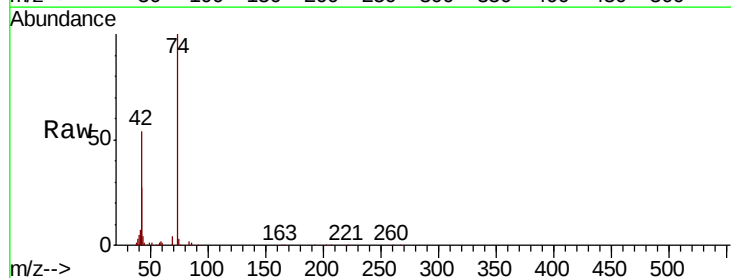
RT: 3.76 min Scan# 114

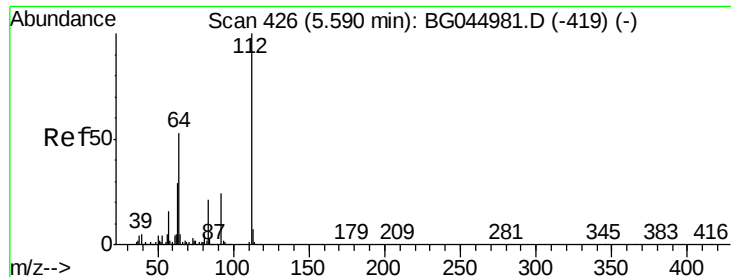
Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	42	Resp:	66389
Ion	Ratio	Lower	Upper
42	100		
74	184.7	143.0	214.6
44	8.3	4.6	6.8#





#5

2-Fluorophenol

Concen: 125.819 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

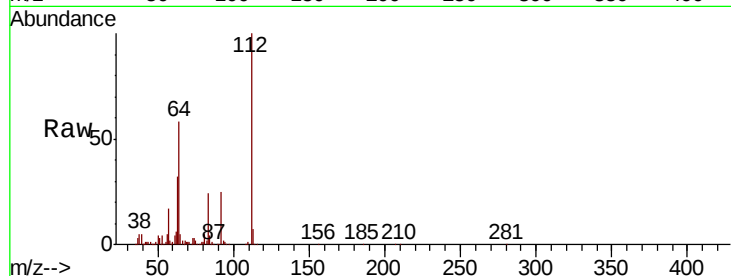
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

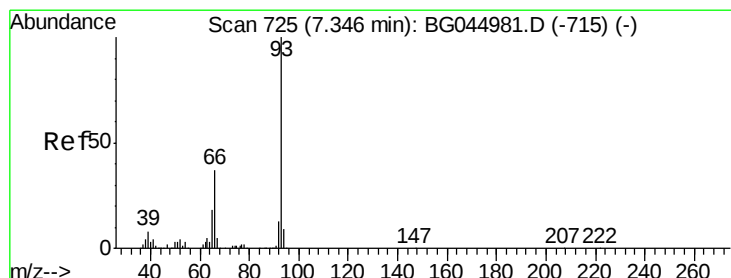
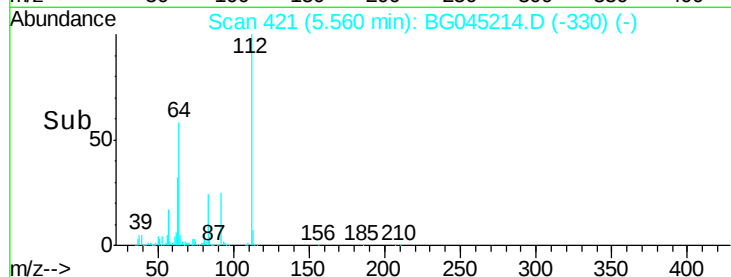
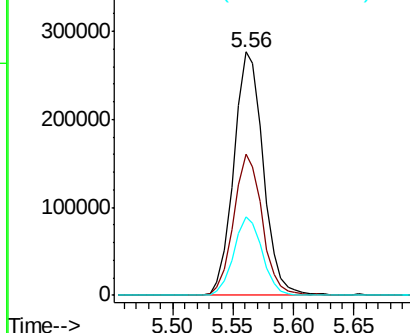
Tot Ion	Ratio	Resp	Lower	Upper
112	100	471422		
64	58.0	42.4	63.6	
63	32.2	23.1	34.7	

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.560 ng

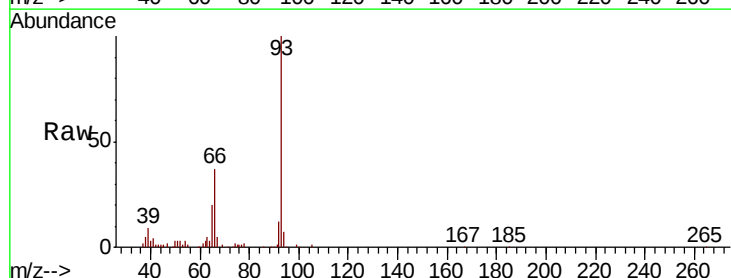
RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

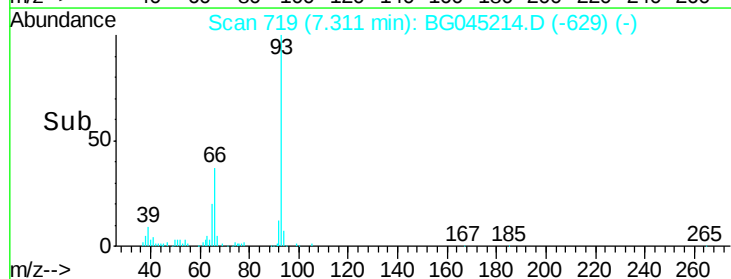
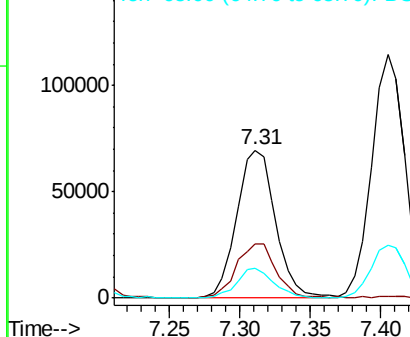
Lab File: BG045214.D

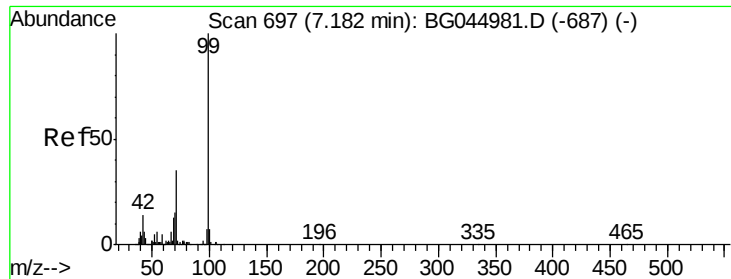
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	134338		
66	36.9	29.8	44.8	
65	19.8	14.6	22.0	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.742 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

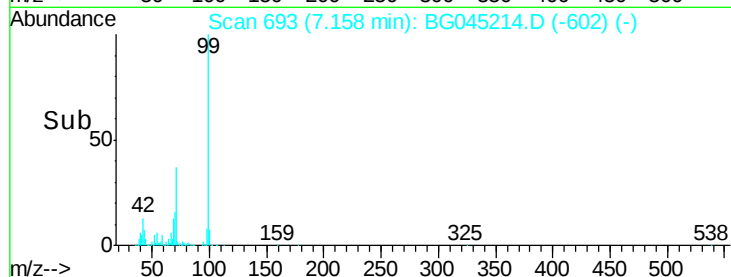
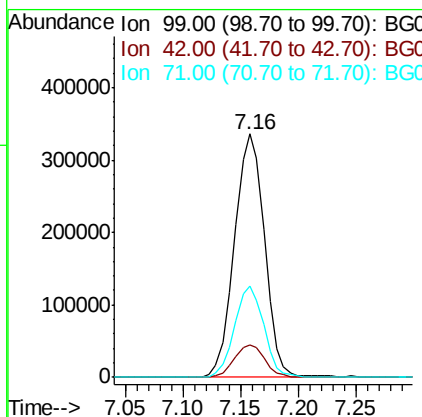
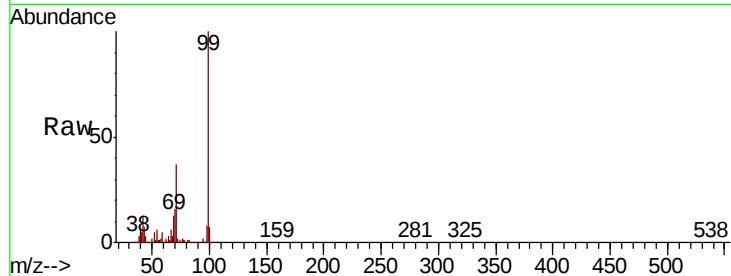
ClientSampleId :

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Tot Ion:	99	Resp:	605352
Ion Ratio	Lower	Upper	
99	100		
42	13.2	11.3	16.9
71	37.4	28.3	42.5

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#8

2-Chlorophenol

Concen: 49.177 ng

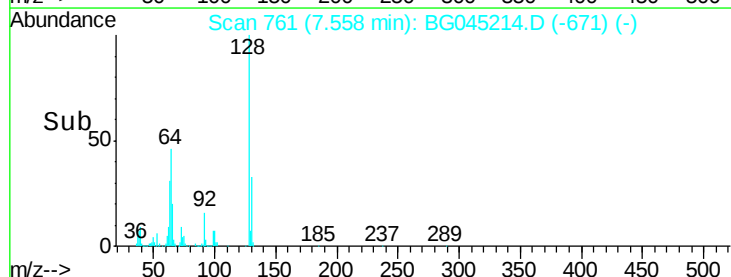
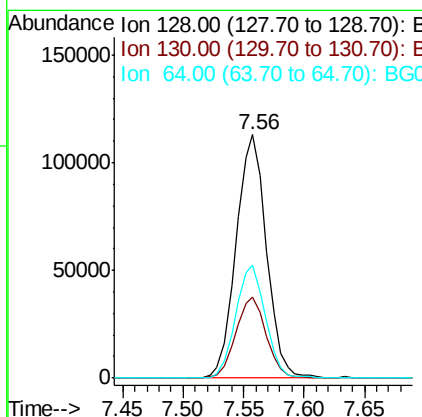
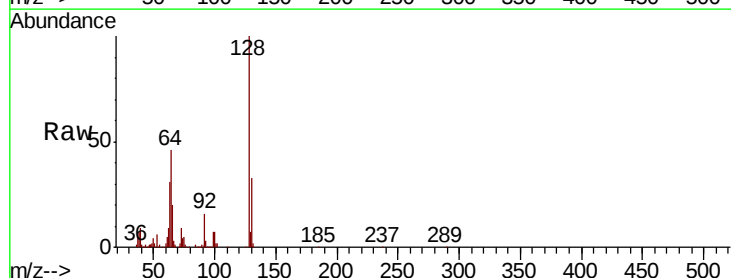
RT: 7.56 min Scan# 761

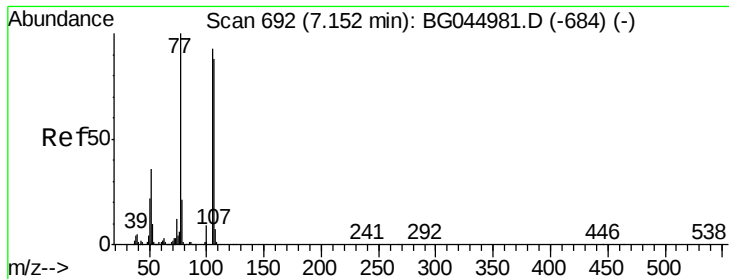
Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	128	Resp:	198026
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.3	52.3
64	46.3	24.4	64.4





#9

Benzaldehyde

Concen: 21.507 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

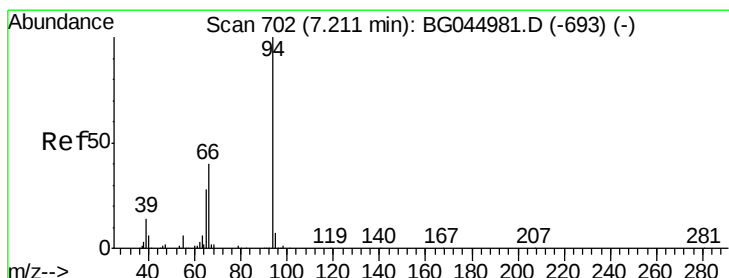
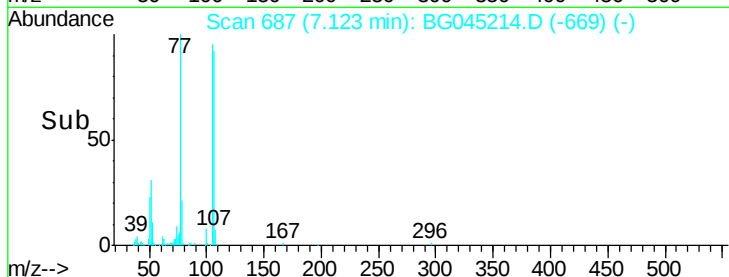
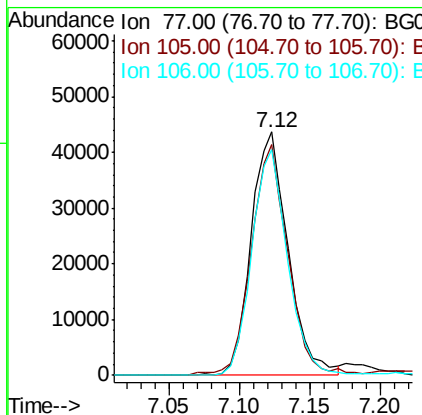
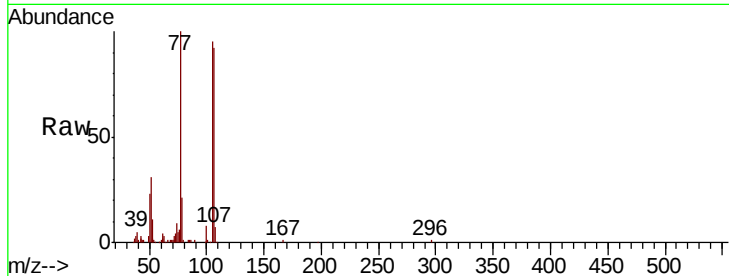
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	77	Resp:	80249
Ion	Ratio	Lower	Upper
77	100		
105	94.9	72.9	112.9
106	92.5	67.6	107.6

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#10

Phenol

Concen: 39.333 ng

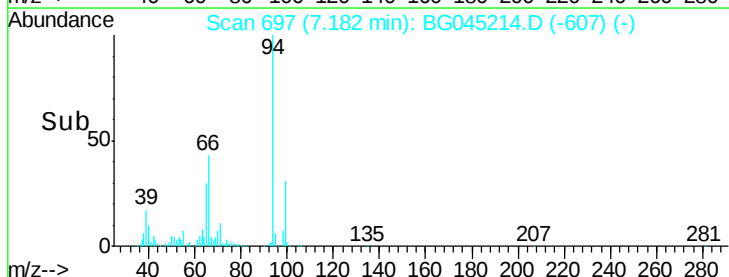
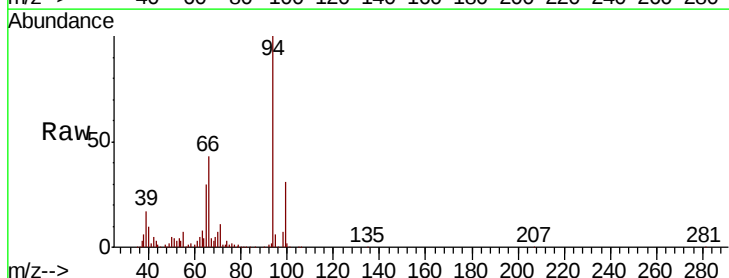
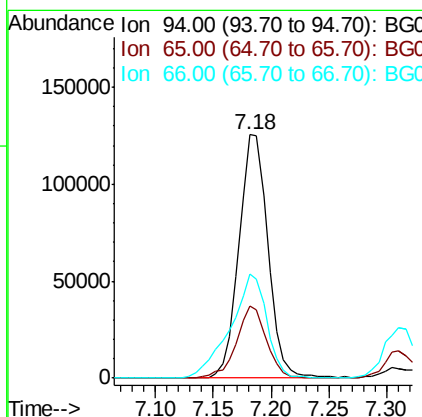
RT: 7.18 min Scan# 697

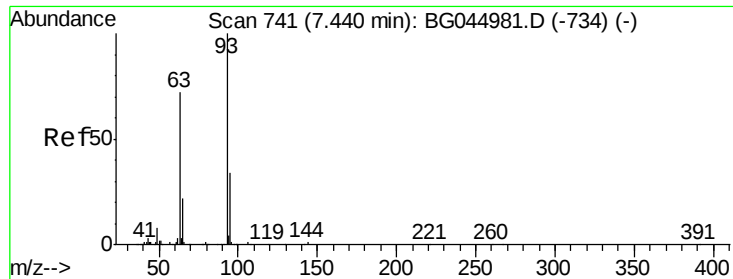
Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	94	Resp:	219108
Ion	Ratio	Lower	Upper
94	100		
65	29.8	8.2	48.2
66	42.8	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 42.312 ng

RT: 7.40 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

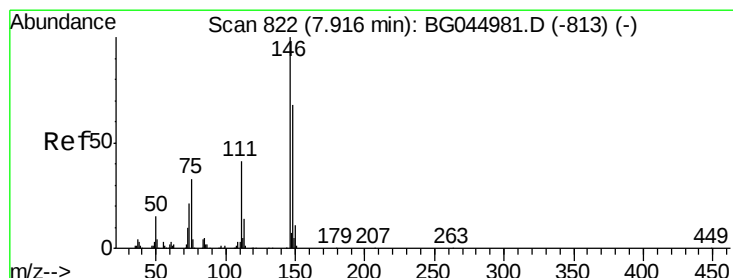
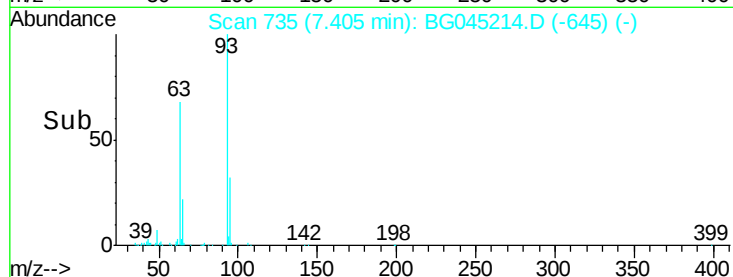
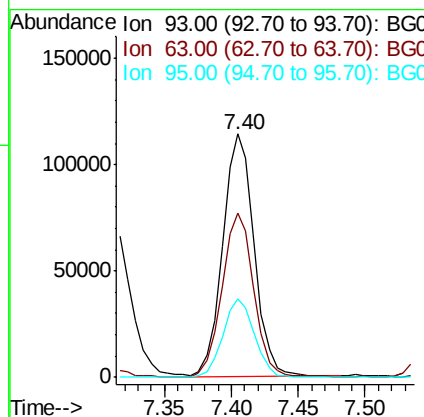
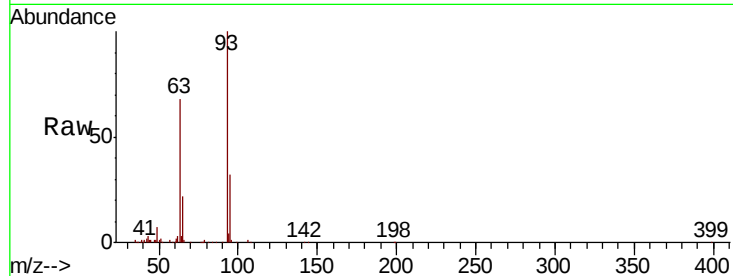
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	93	Resp:	187663
Ion	Ratio	Lower	Upper
93	100		
63	67.6	51.8	91.8
95	32.2	13.8	53.8

Manual Integrations
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mohammad
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#12

1,3-Dichlorobenzene

Concen: 40.757 ng

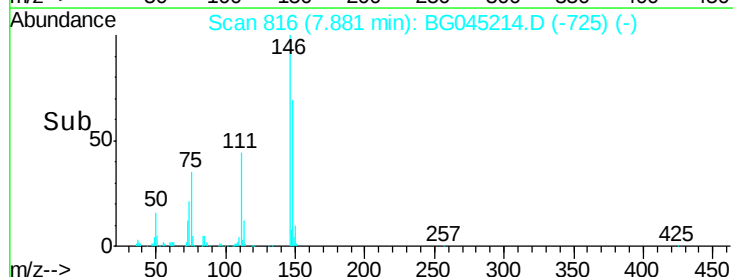
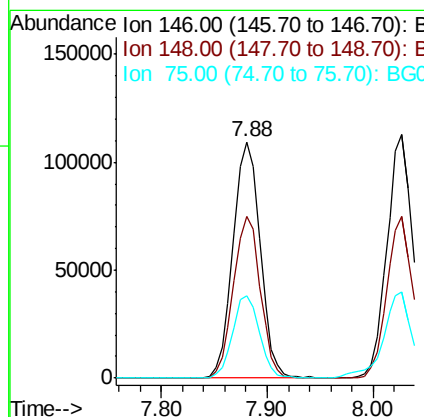
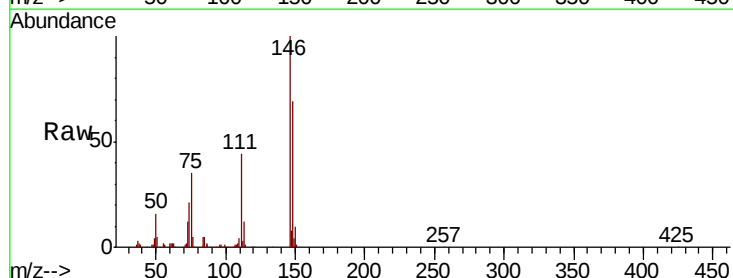
RT: 7.88 min Scan# 816

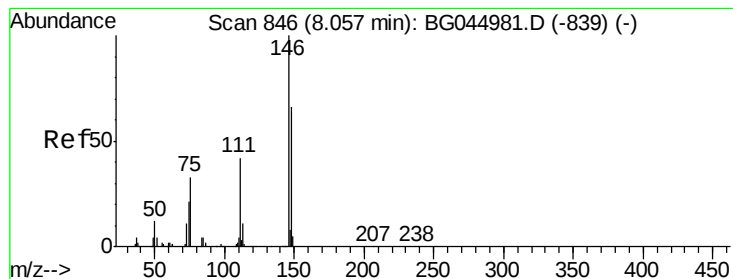
Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	146	Resp:	193394
Ion	Ratio	Lower	Upper
146	100		
148	68.6	54.6	81.8
75	34.7	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 41.339 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

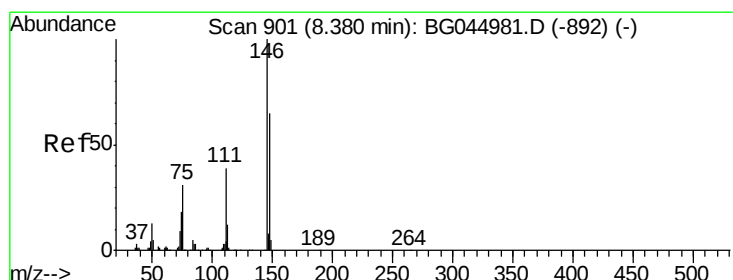
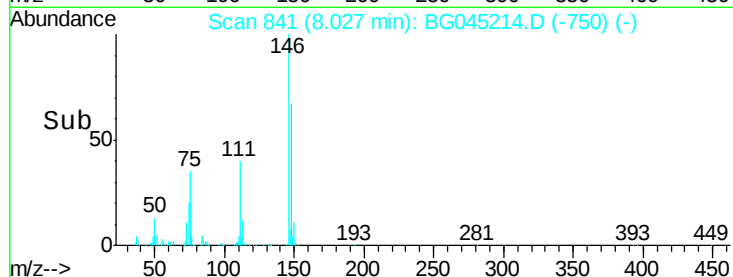
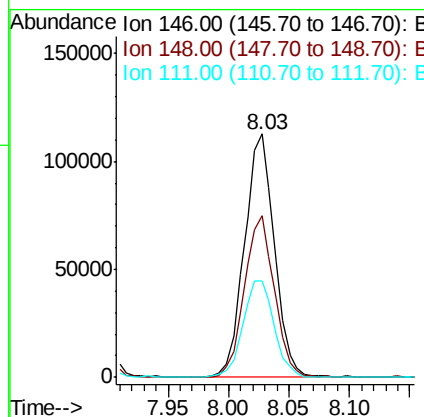
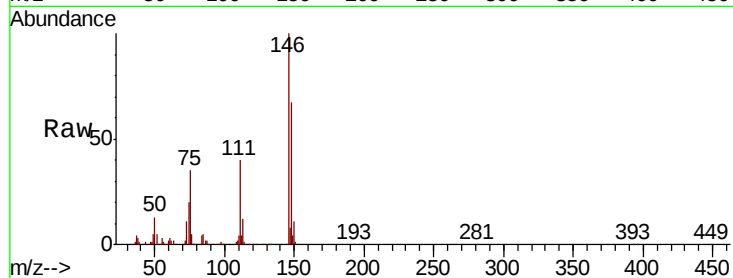
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	146	Resp:	195456
Ion Ratio	Lower	Upper	
146	100		
148	66.5	53.3	79.9
111	39.8	33.8	50.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.698 ng

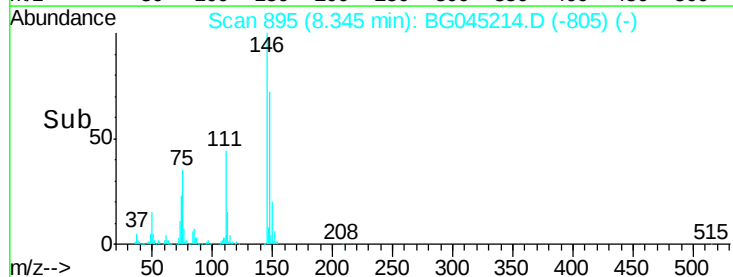
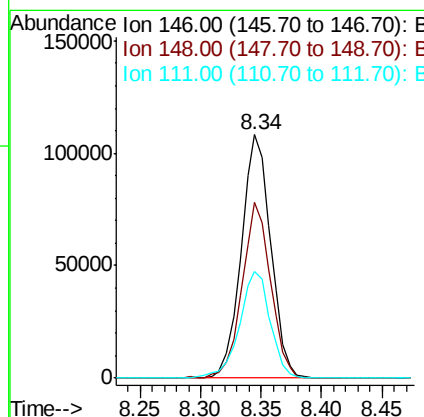
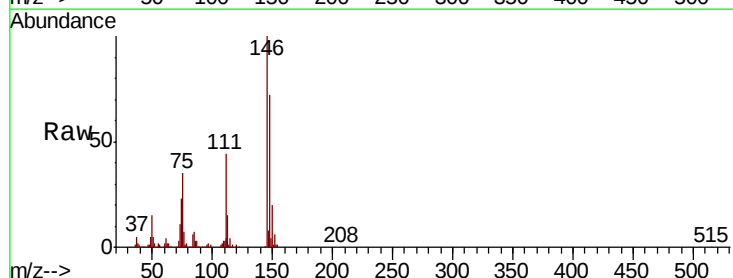
RT: 8.34 min Scan# 895

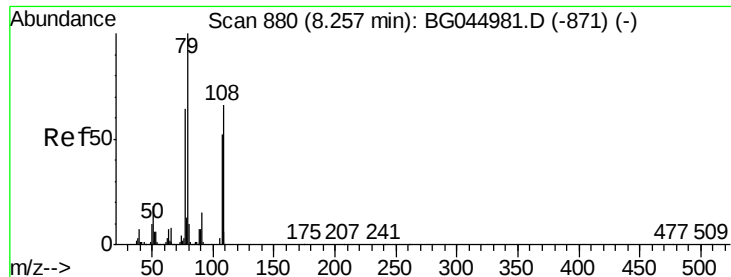
Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	146	Resp:	184094
Ion Ratio	Lower	Upper	
146	100		
148	72.0	51.9	77.9
111	43.6	31.3	46.9





#15

Benzyl Alcohol

Concen: 43.526 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

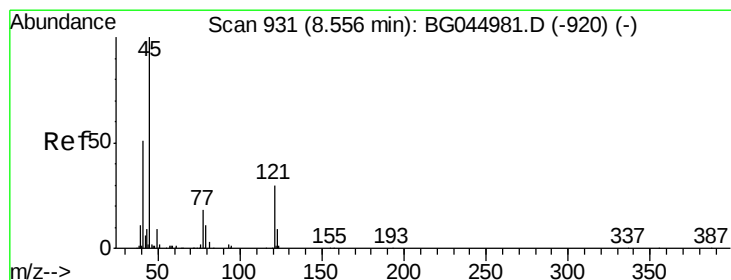
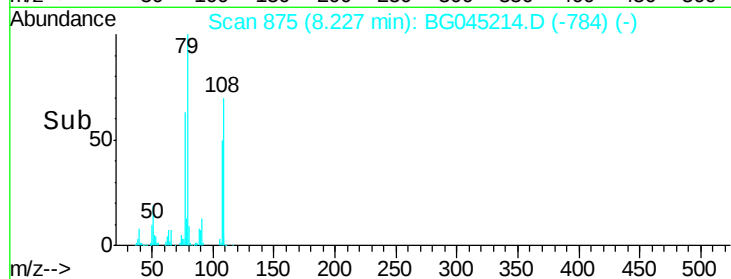
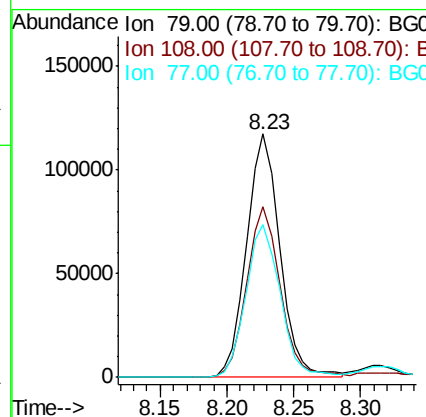
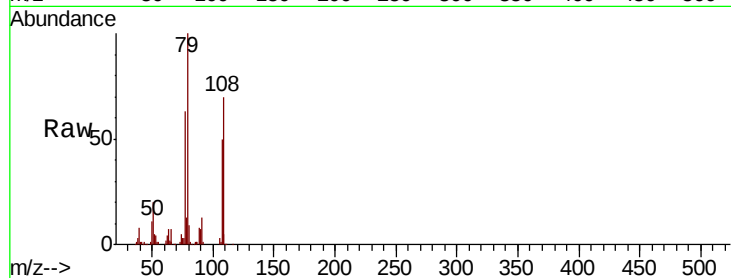
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	79	Resp:	203148
Ion	Ratio	Lower	Upper
79	100		
108	70.1	52.7	79.1
77	62.9	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.985 ng

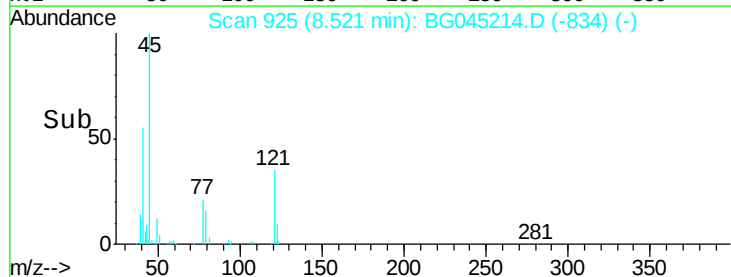
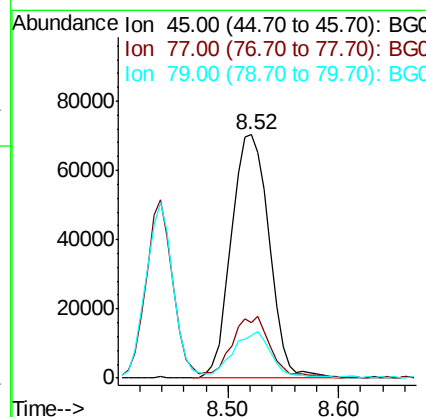
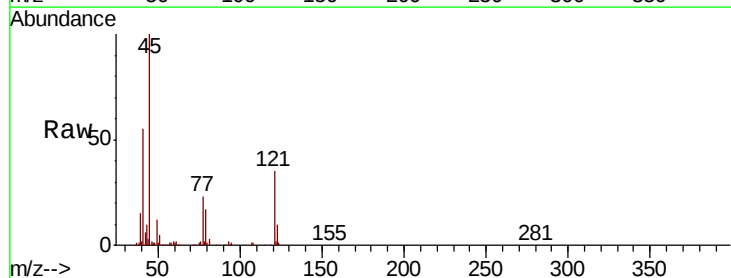
RT: 8.52 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	45	Resp:	169729
Ion	Ratio	Lower	Upper
45	100		
77	23.0	1.9	41.9
79	17.4	0.0	35.5





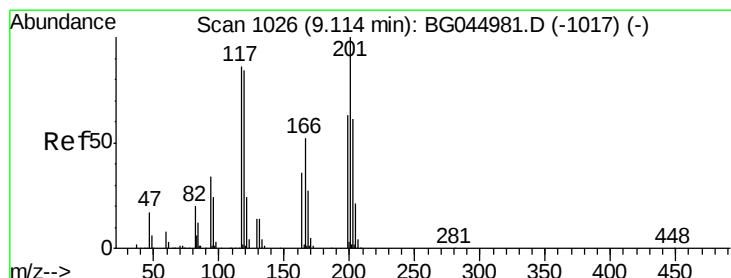
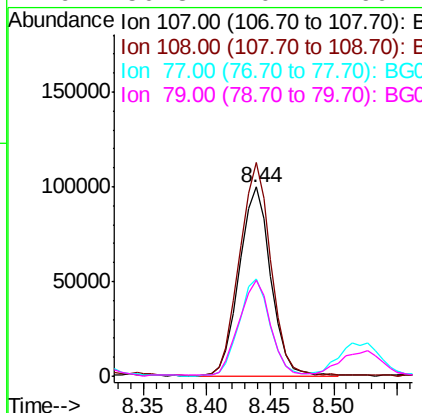
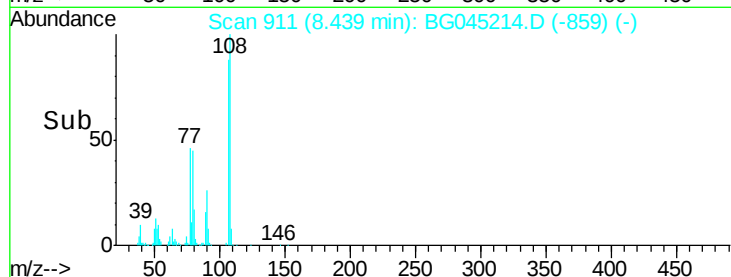
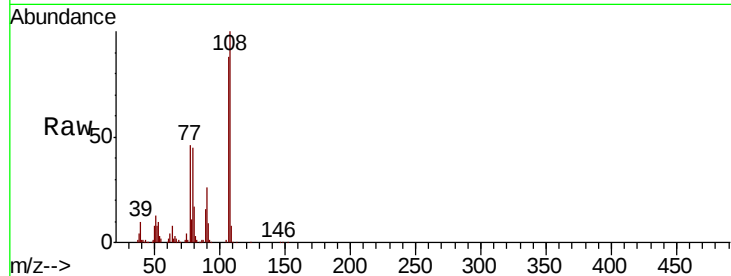
#17
2-Methylphenol
Concen: 40.365 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	93.8	140.6	
77	51.7	38.5	57.7	
79	50.8	40.1	60.1	

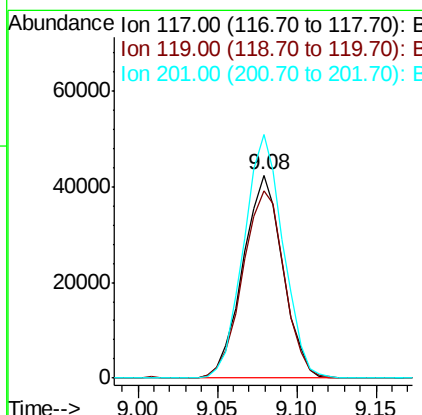
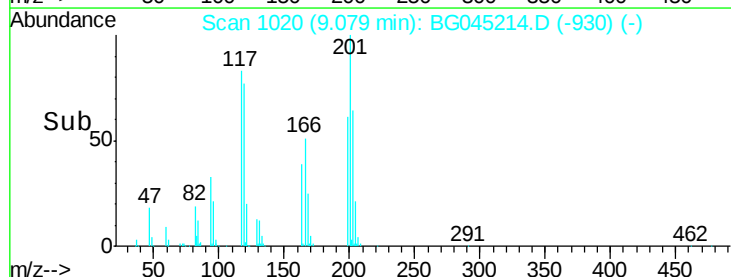
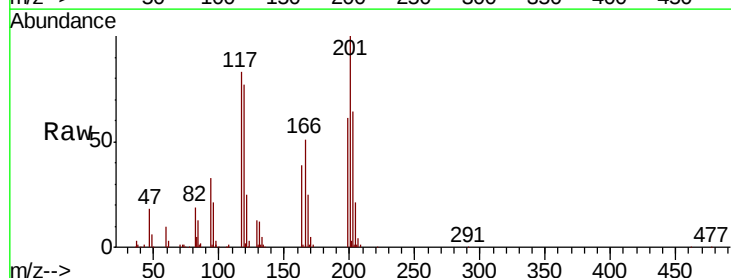
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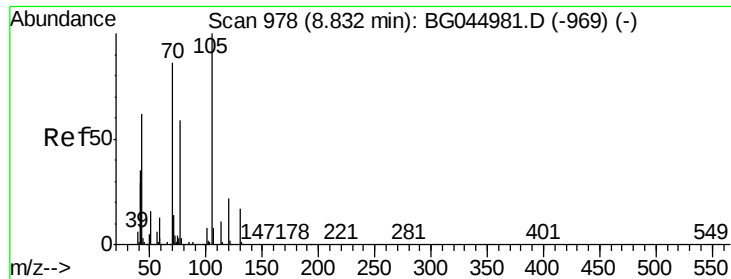
mohammad
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#18
Hexachloroethane
Concen: 41.771 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	78.3	117.5	
201	120.1	92.9	139.3	





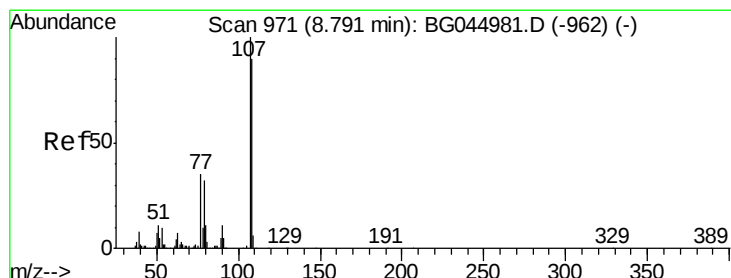
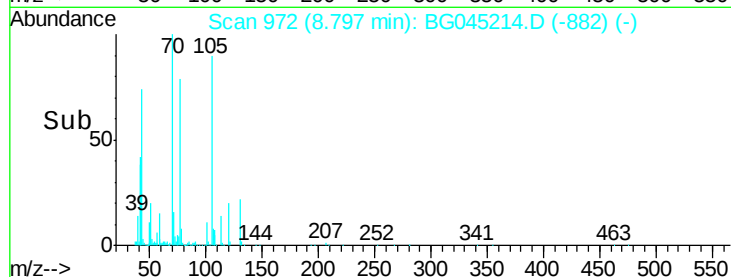
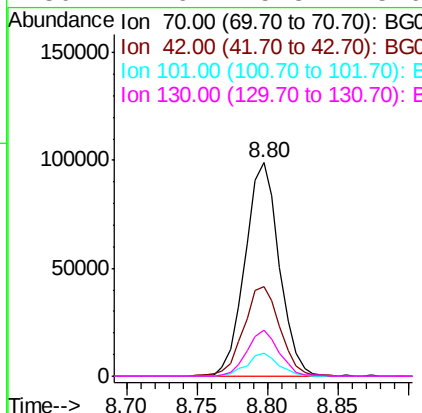
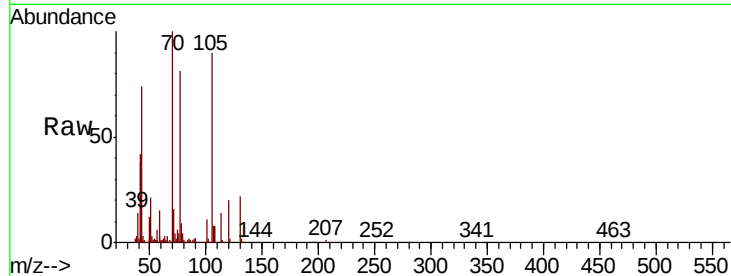
#19
n-Nitroso-di-n-propylamine
Concen: 42.776 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ion	Ratio	Lower	Upper
168404	70	100		
	42	42.1	33.3	49.9
	101	10.7	7.8	11.8
	130	21.6	15.8	23.6

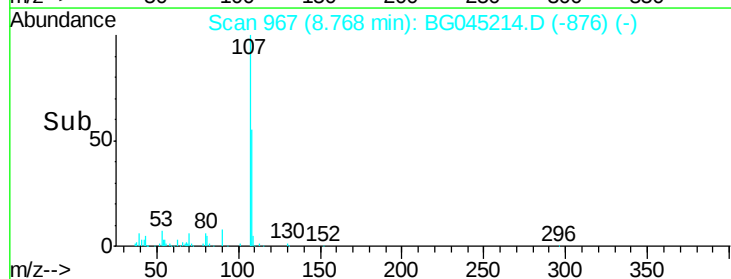
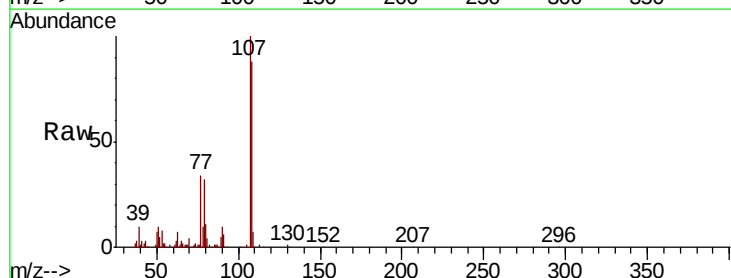
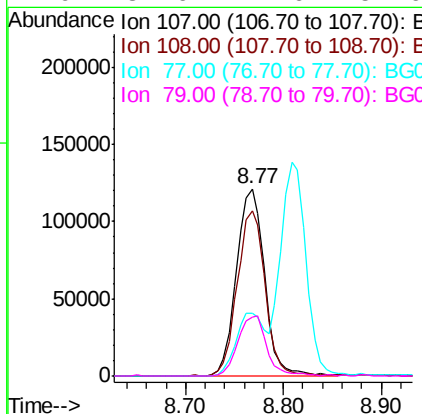
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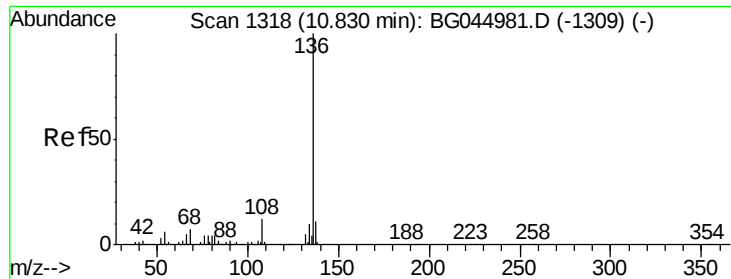
mohammad
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#20
3+4-Methylphenols
Concen: 40.615 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ion	Ratio	Lower	Upper
244336	107	100		
	108	88.0	69.9	109.9
	77	33.6	15.2	55.2
	79	31.6	11.6	51.6





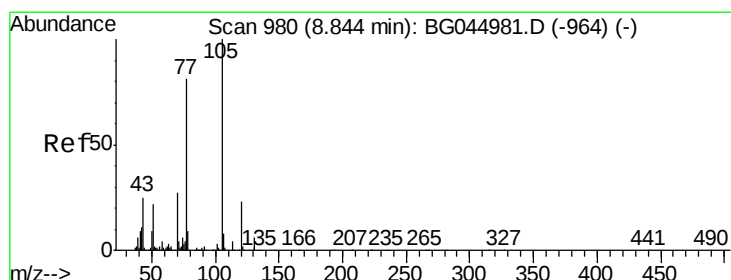
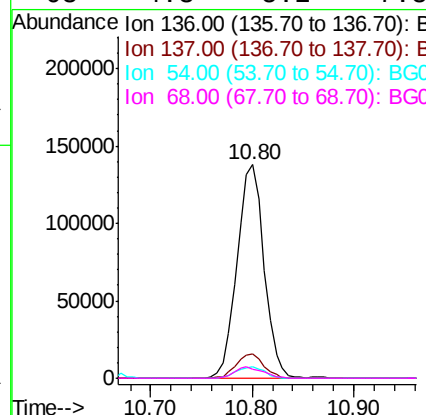
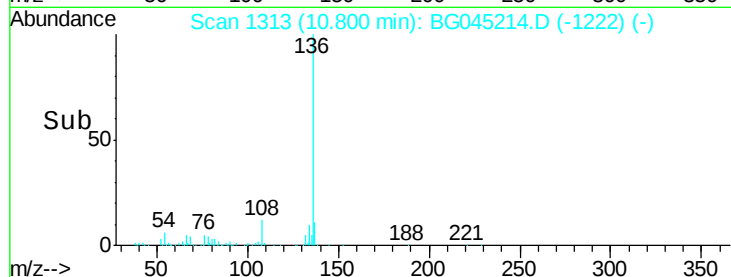
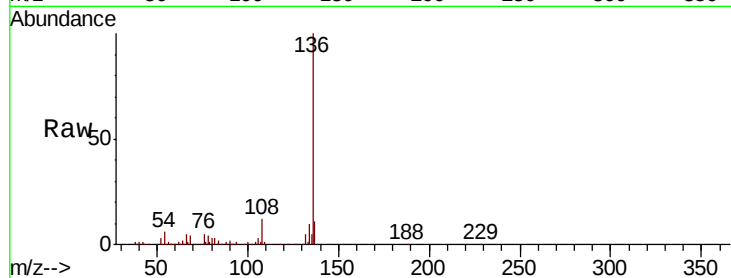
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	255256		
137	11.2	8.6	13.0	
54	5.5	4.8	7.2	
68	4.3	5.2	7.8	

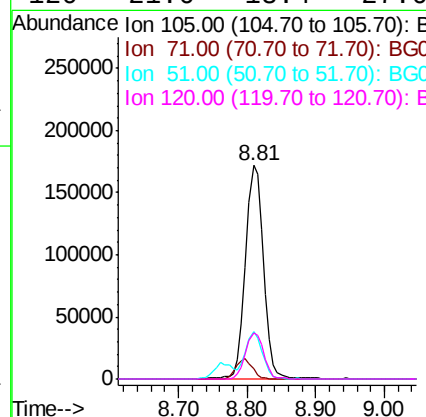
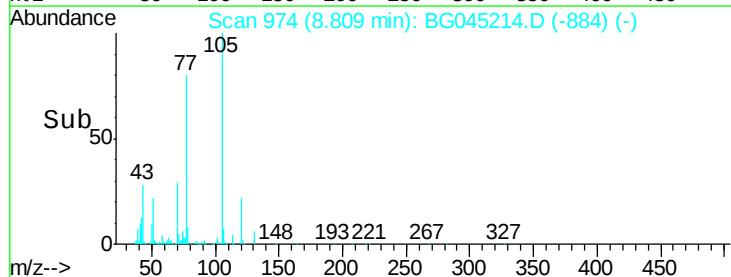
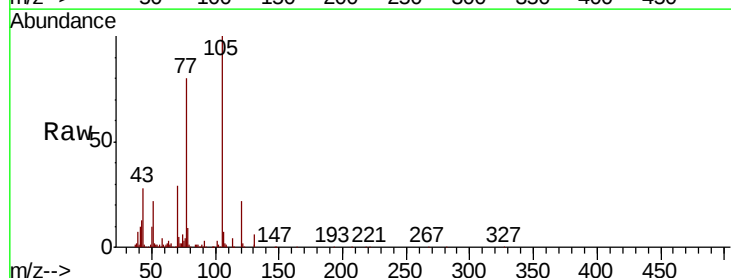
Manual Integrations
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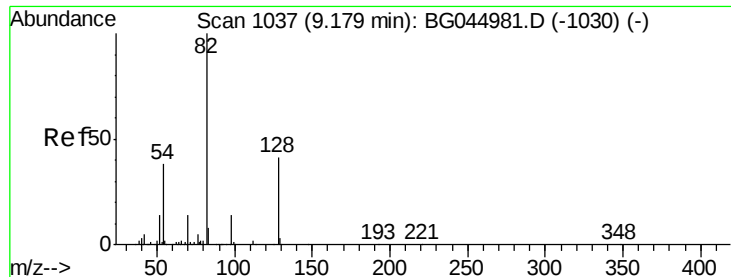
mohammad
4/30/2020 1:37:58 PM



#22
Acetophenone
Concen: 45.625 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	314942		
71	4.7	3.3	4.9	
51	22.4	17.3	25.9	
120	21.6	18.4	27.6	





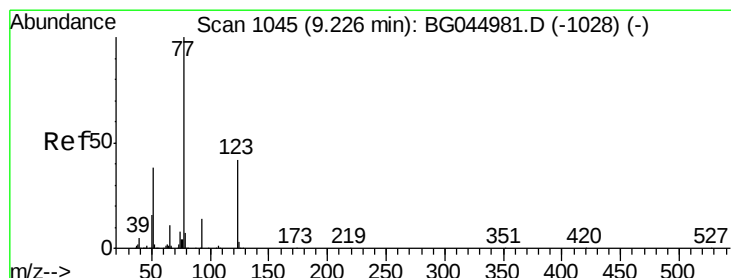
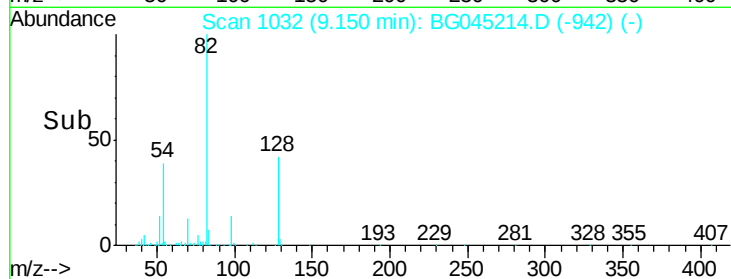
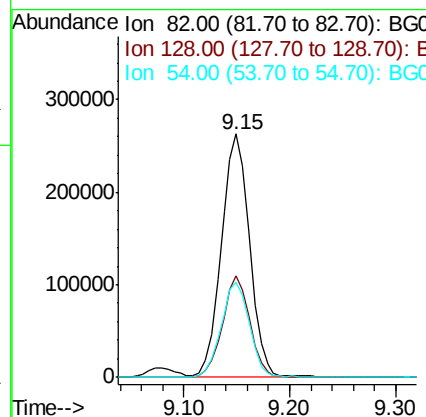
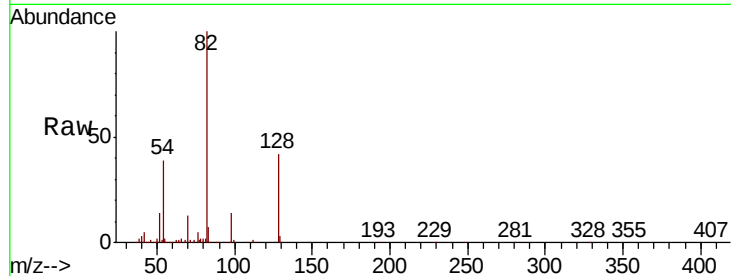
#23
 Nitrobenzene-d5
 Concen: 86.692 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.0	49.4
54	39.3	30.4	45.6

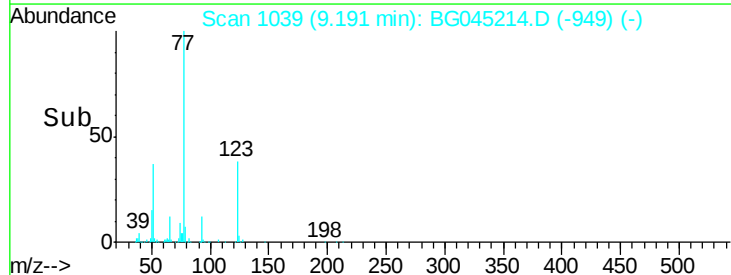
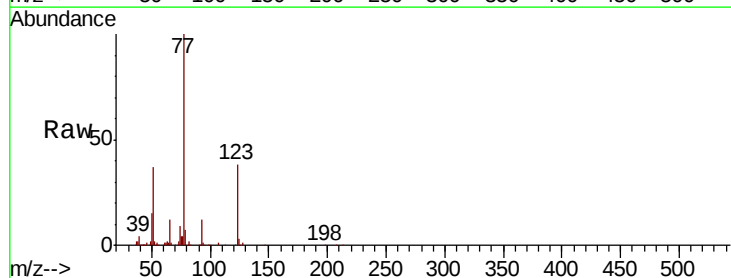
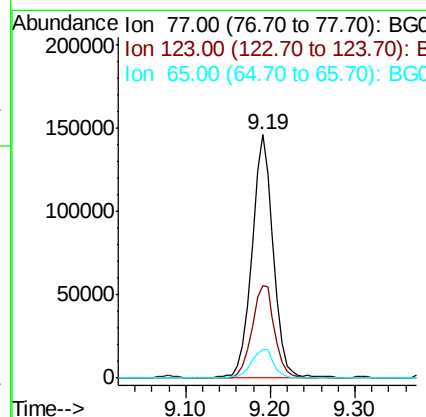
Manual Integrations
 APPROVED

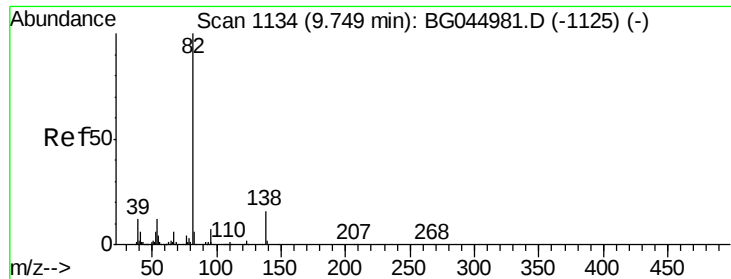
mohammad
 4/30/2020 1:37:58 PM



#24
 Nitrobenzene
 Concen: 44.878 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	34.3	51.5
65	11.7	8.9	13.3





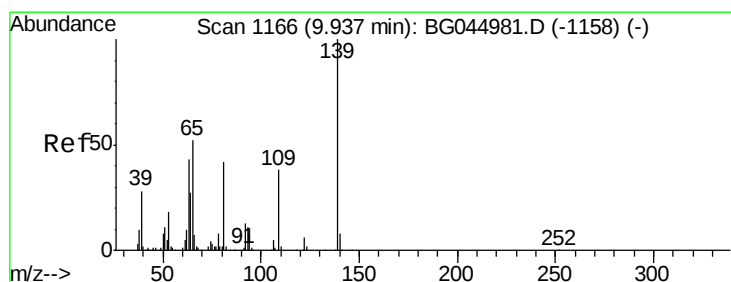
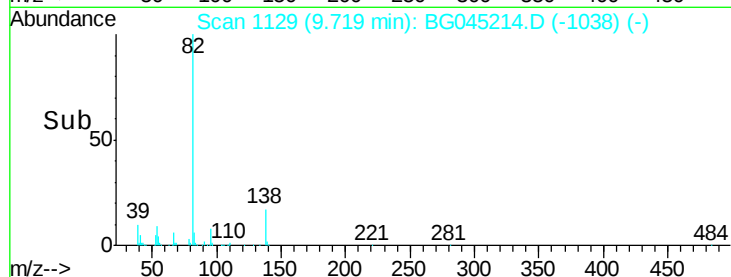
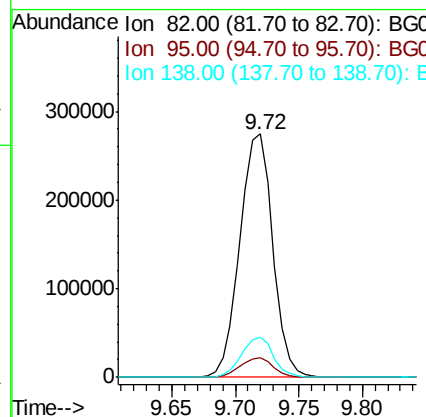
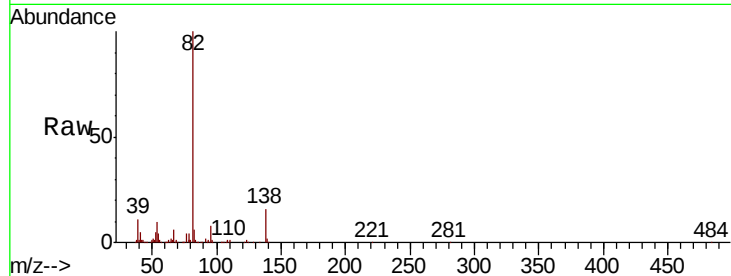
#25
Isophorone
Concen: 43.081 ng
RT: 9.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	493540		
95	8.3	6.0	9.0	
138	16.5	12.7	19.1	

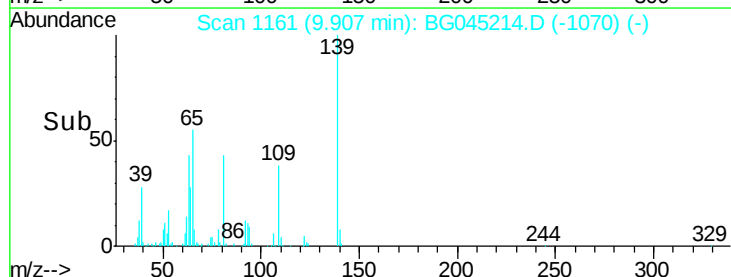
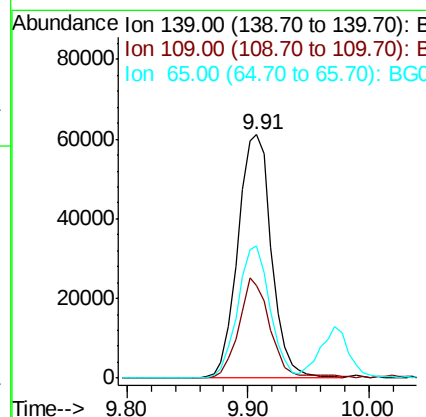
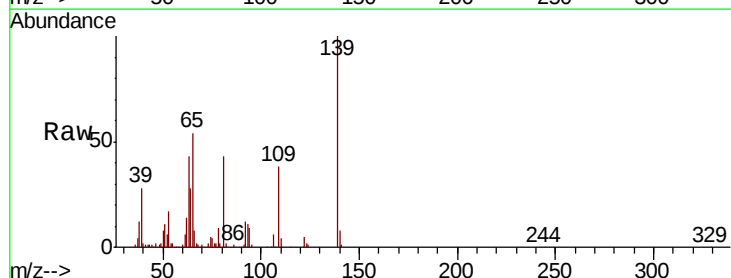
Manual Integrations
APPROVED

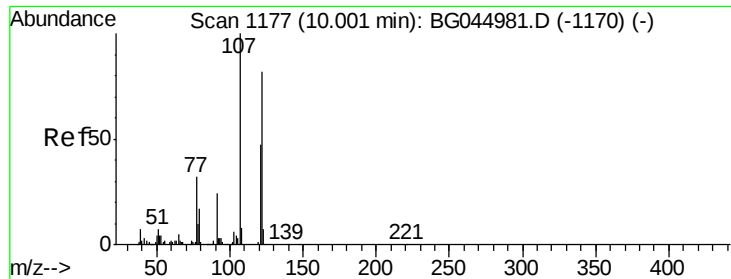
mohammad
4/30/2020 1:37:58 PM



#26
2-Nitrophenol
Concen: 48.132 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	118887		
109	37.8	30.6	45.8	
65	54.5	41.8	62.6	





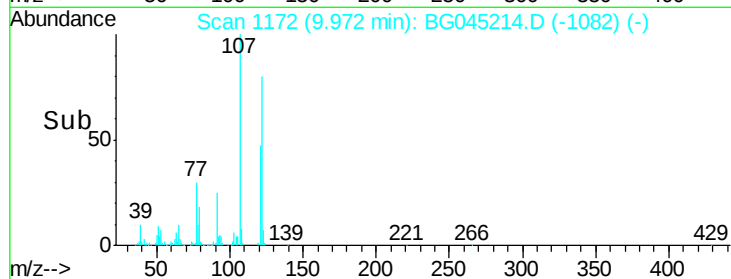
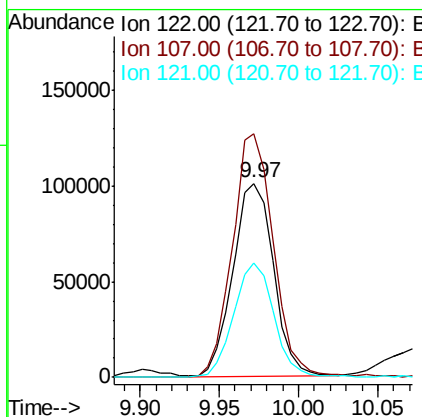
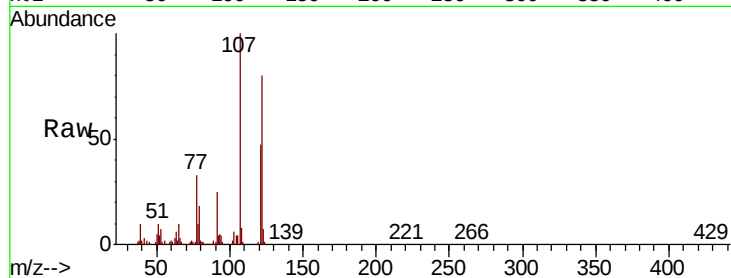
#27
 2,4-Dimethylphenol
 Concen: 46.096 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	125.4	96.8	145.2	
121	58.8	45.6	68.4	

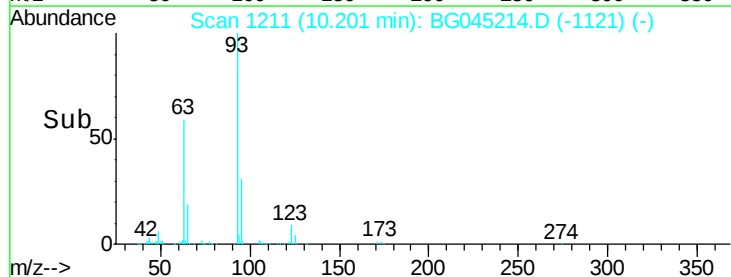
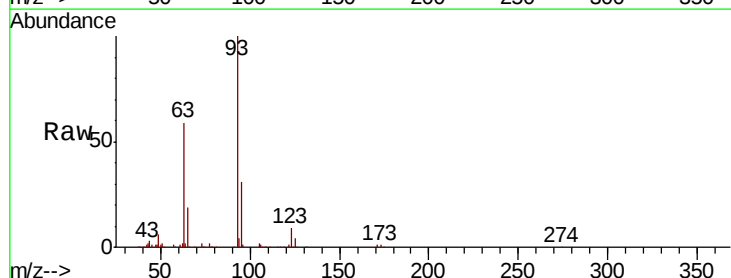
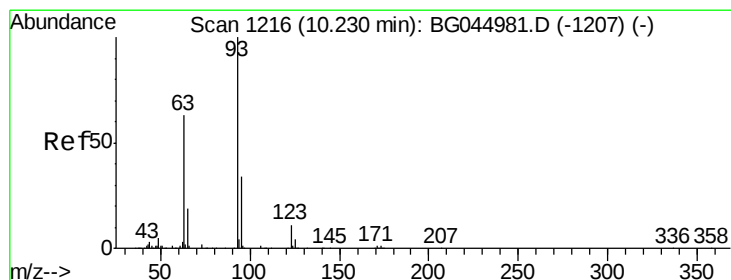
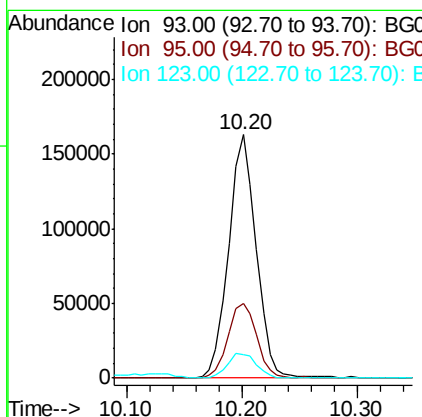
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.720 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	30.6	27.0	40.4	
123	9.5	8.7	13.1	





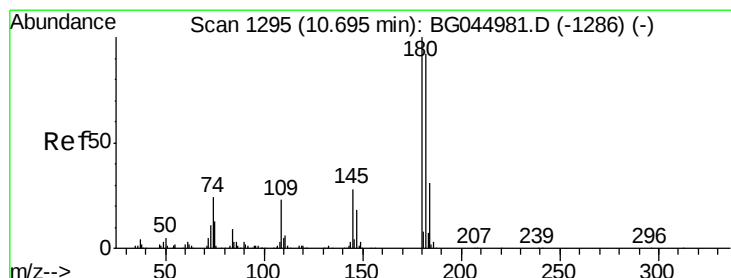
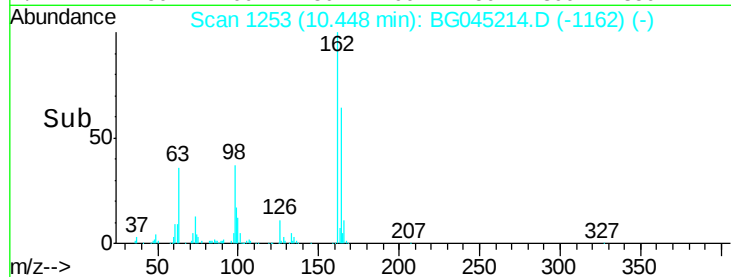
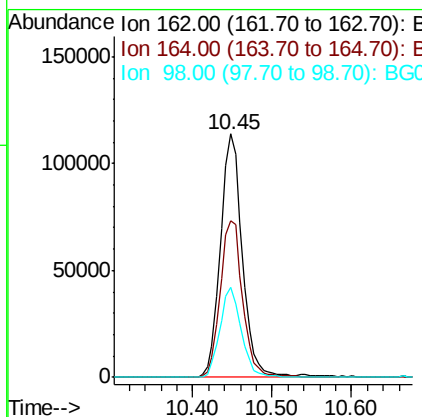
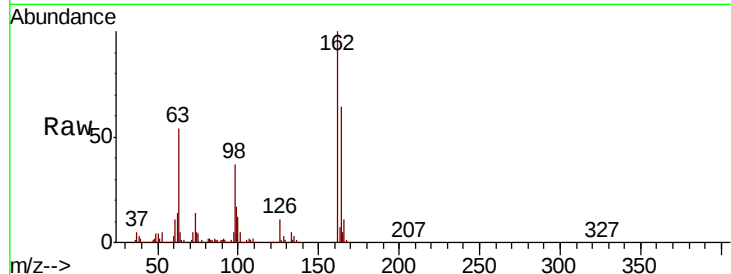
#29
 2,4-Dichlorophenol
 Concen: 48.314 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	45.0	85.0	
98	37.0	15.2	55.2	

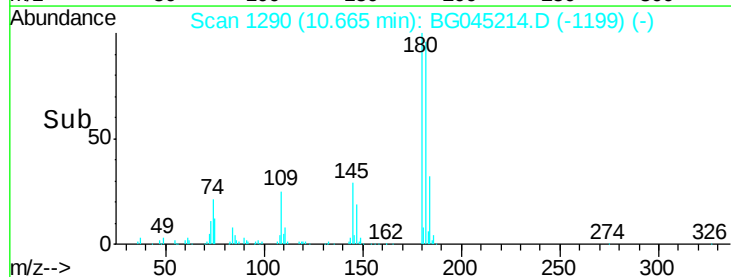
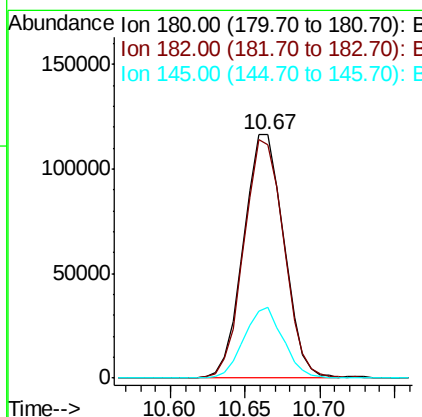
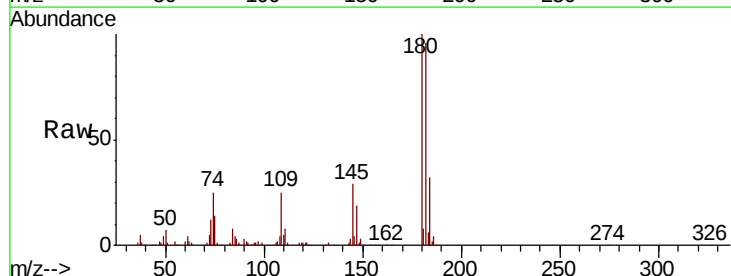
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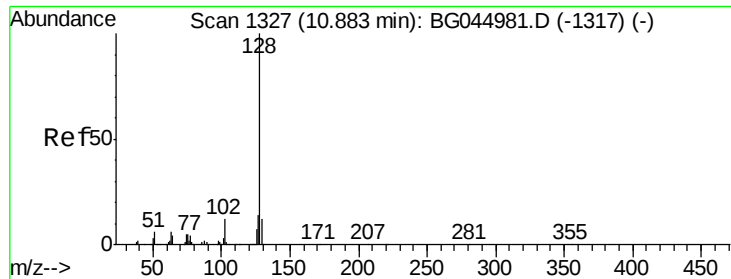
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.411 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	73.3	109.9	
145	29.1	22.6	33.8	





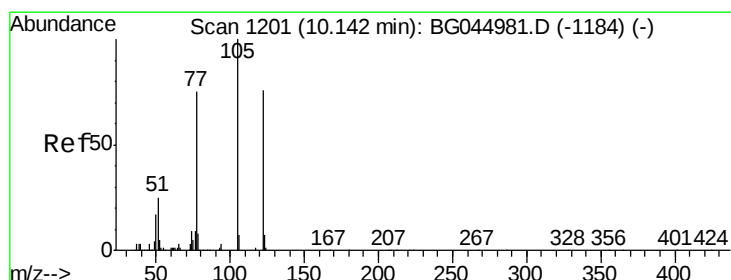
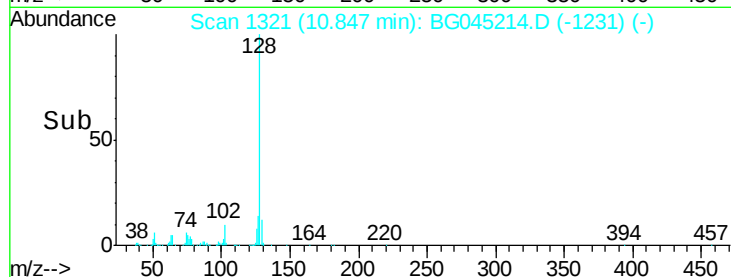
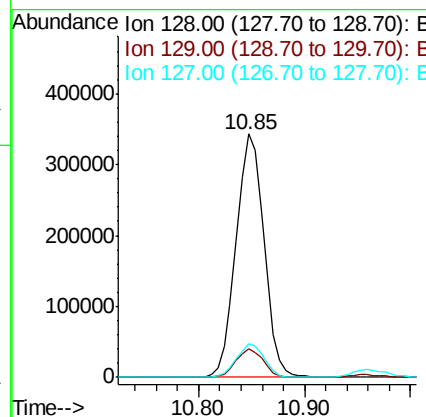
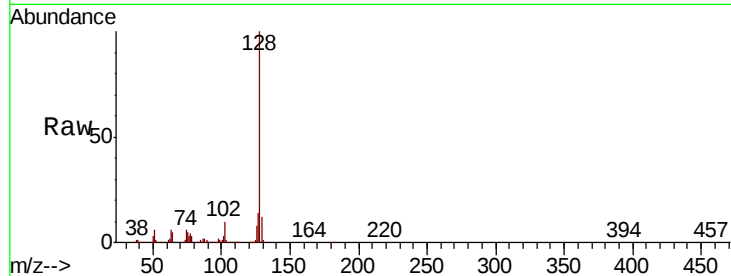
#31
Naphthalene
Concen: 44.917 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	627210		
129	11.5		9.4	14.2
127	13.6		10.8	16.2

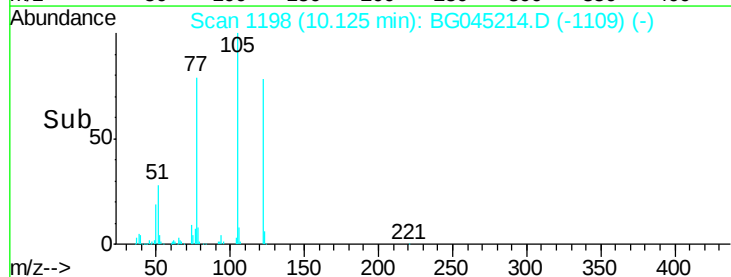
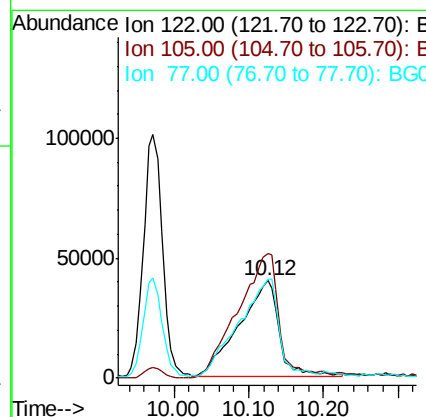
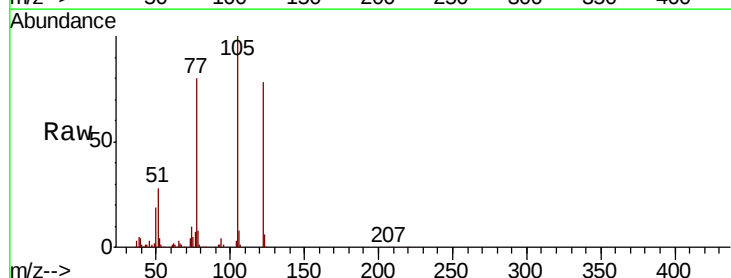
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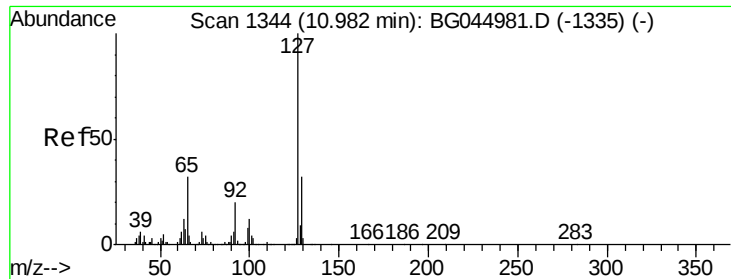
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#32
Benzoic acid
Concen: 46.715 ng
RT: 10.12 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	147282		
105	127.9		108.4	148.4
77	102.1		78.8	118.8





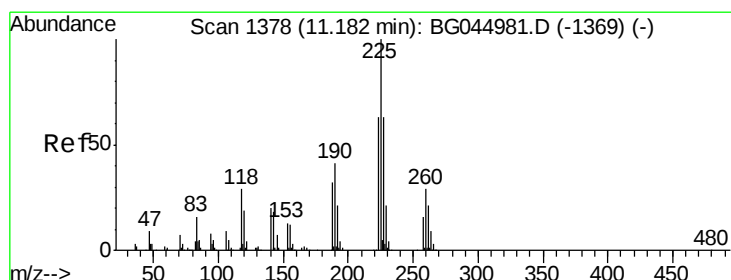
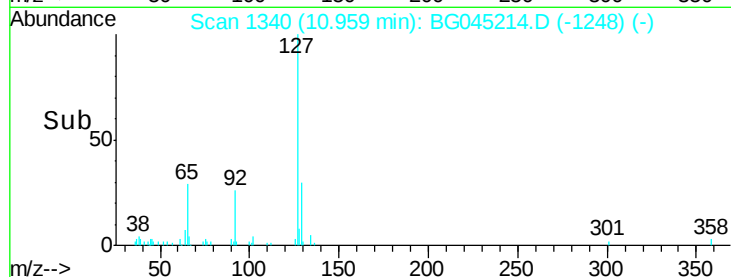
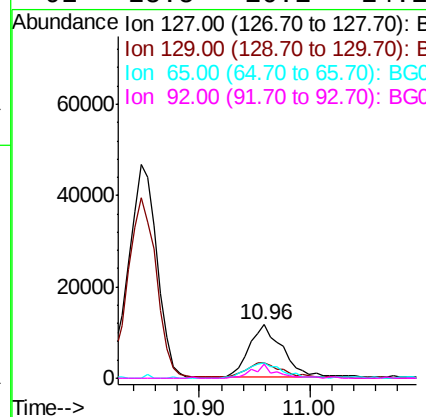
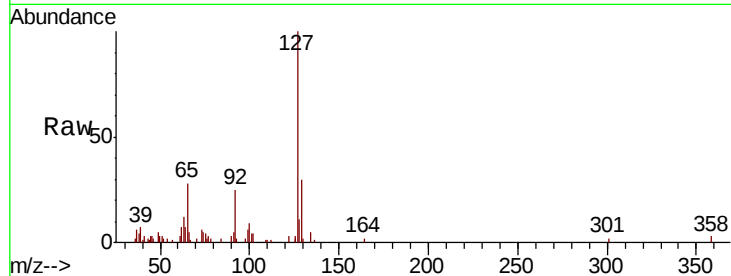
#33
4-Chloroaniline
Concen: 3.801 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	127	Resp:	24751
Ion Ratio	Lower	Upper	
127	100		
129	29.7	25.7	38.5
65	28.4	25.4	38.2
92	25.5	16.1	24.1#

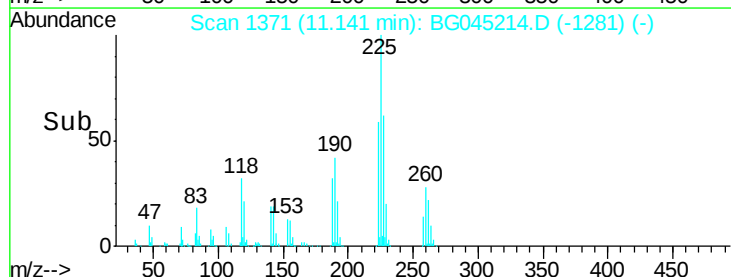
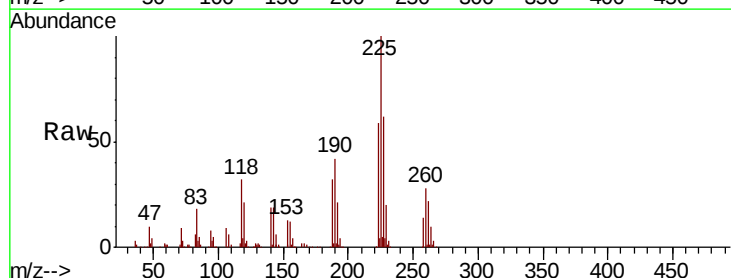
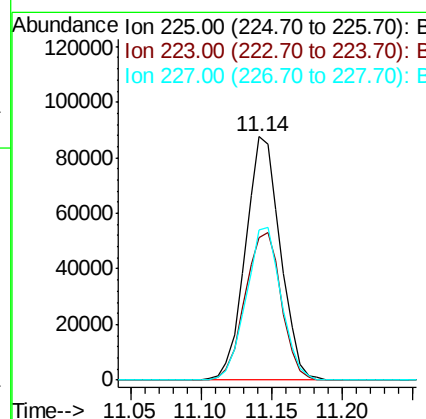
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#34
Hexachlorobutadiene
Concen: 43.069 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion:	225	Resp:	151300
Ion Ratio	Lower	Upper	
225	100		
223	58.6	50.7	76.1
227	61.5	50.2	75.2





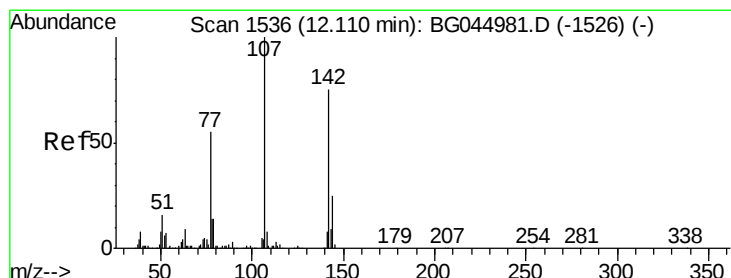
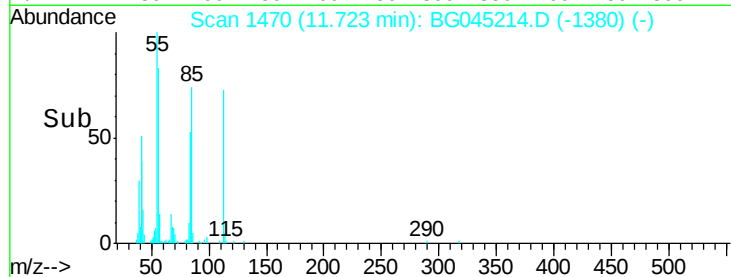
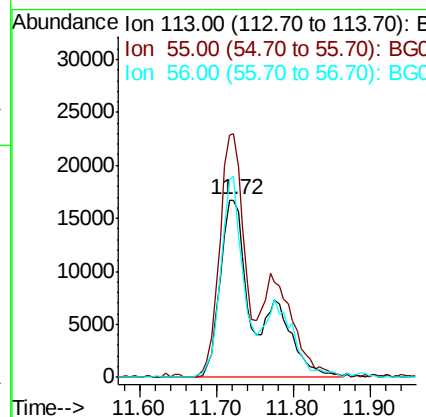
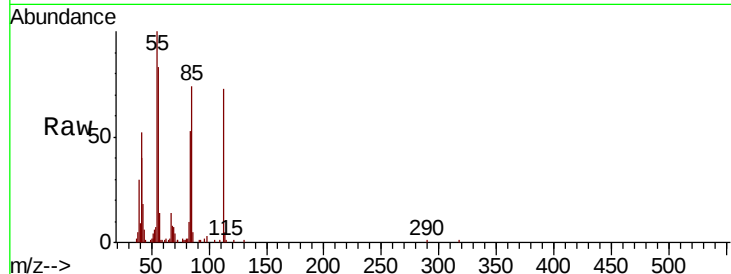
#35
Caprolactam
Concen: 31.709 ng/ml
RT: 11.72 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.2	118.8	158.8
56	113.4	82.6	122.6

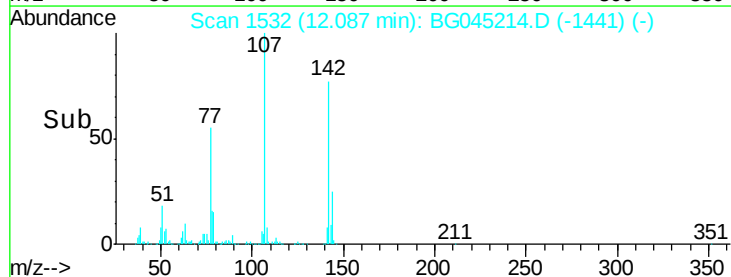
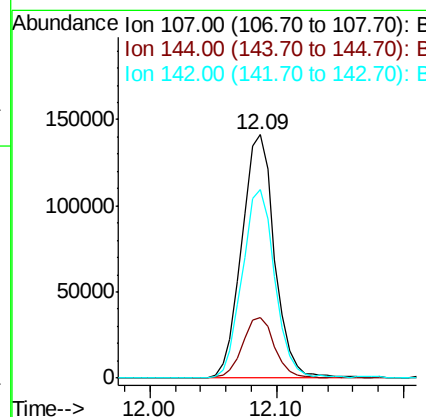
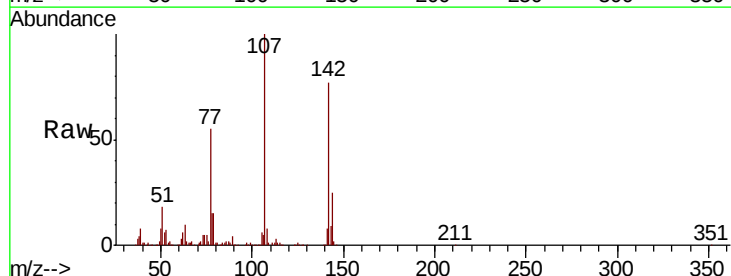
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#36
4-Chloro-3-methylphenol
Concen: 47.764 ng
RT: 12.09 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	77.2	59.7	89.5





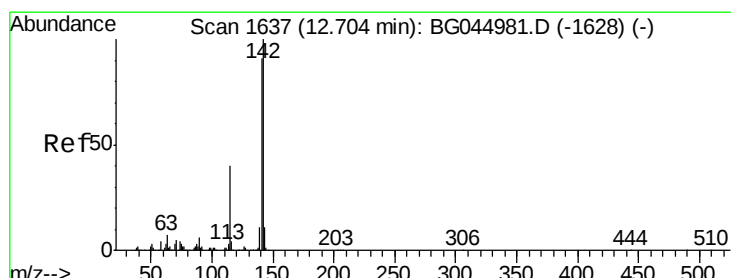
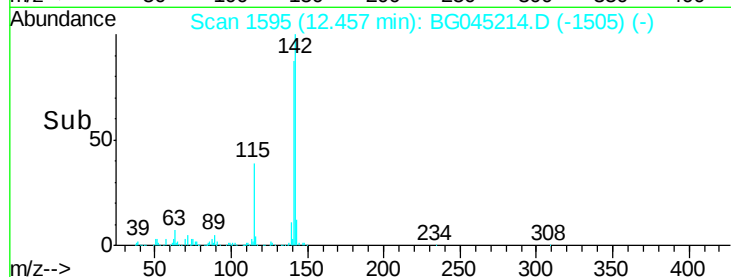
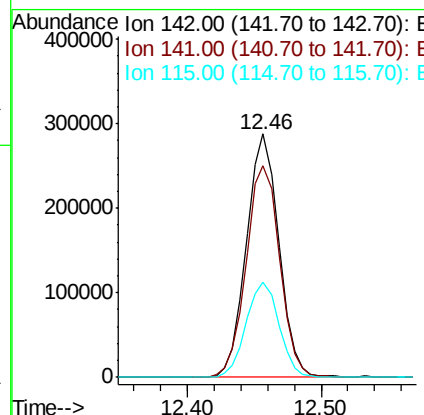
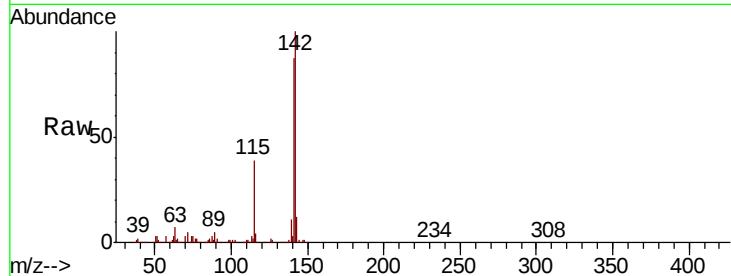
#37
 2-Methylnaphthalene
 Concen: 44.422 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	142	Resp:	481465
Ion Ratio	Lower	Upper	
142	100		
141	86.9	70.3	105.5
115	39.1	29.8	44.6

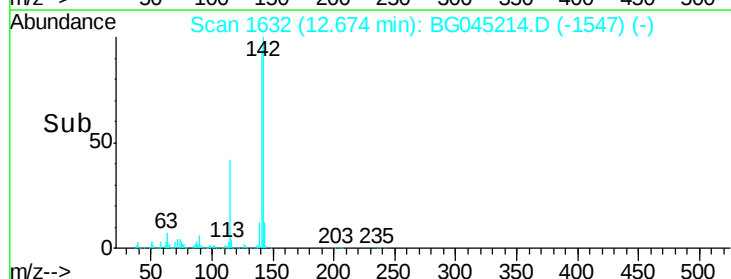
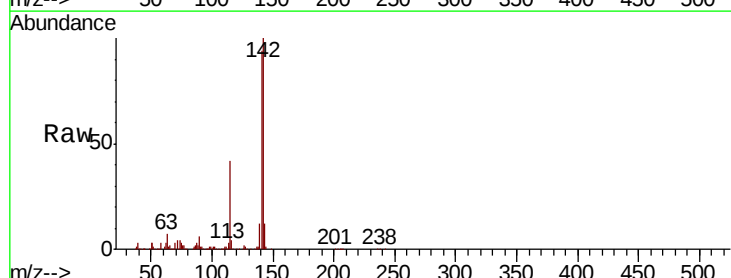
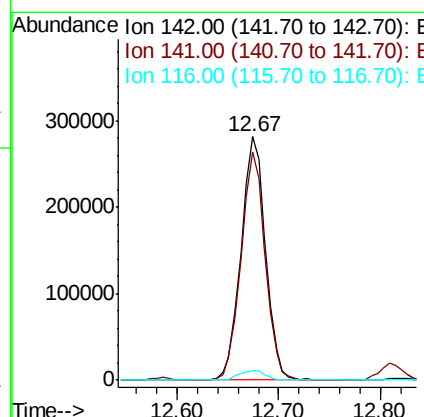
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#38
 1-Methylnaphthalene
 Concen: 45.795 ng
 RT: 12.67 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion:	142	Resp:	468572
Ion Ratio	Lower	Upper	
142	100		
141	93.9	72.7	109.1
116	4.0	3.1	4.7





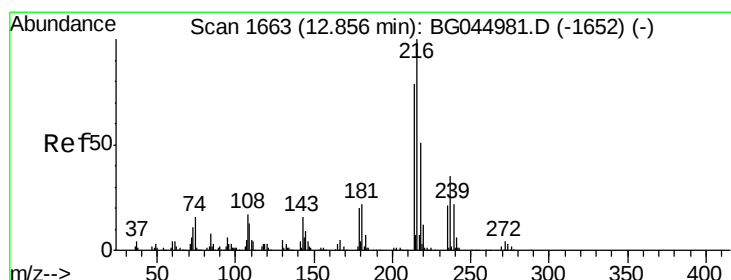
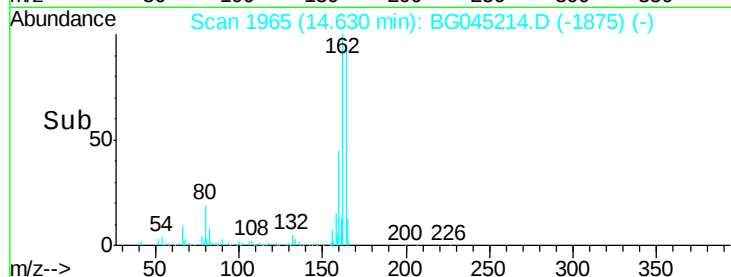
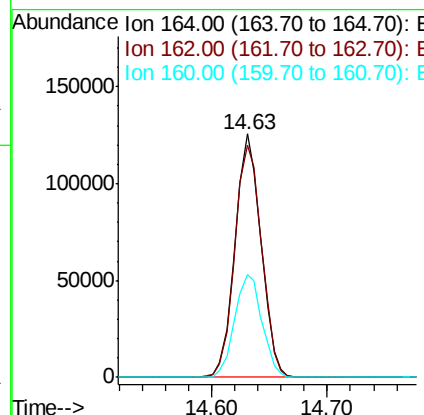
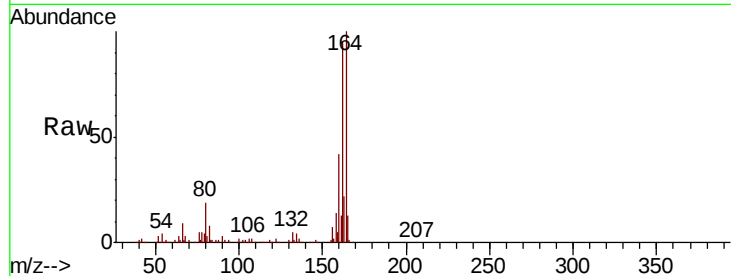
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.3	78.7	118.1
160	42.5	32.8	49.2

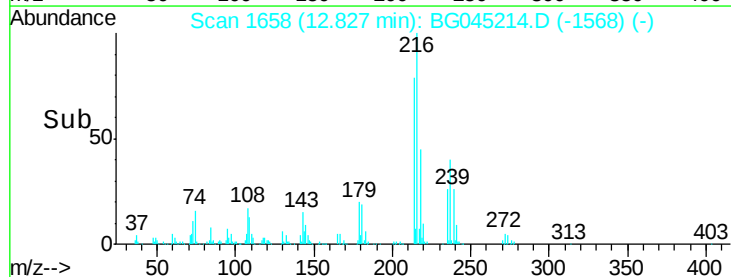
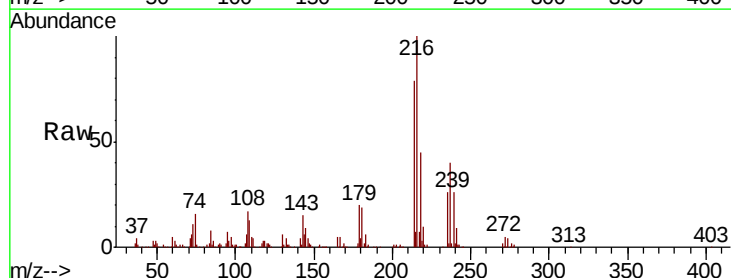
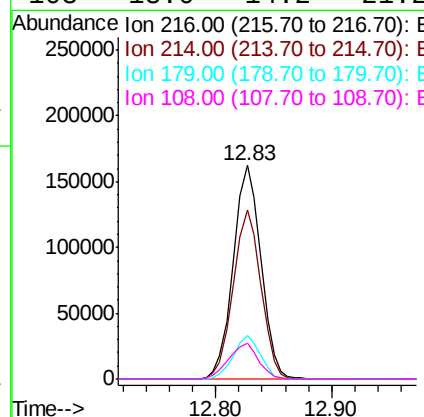
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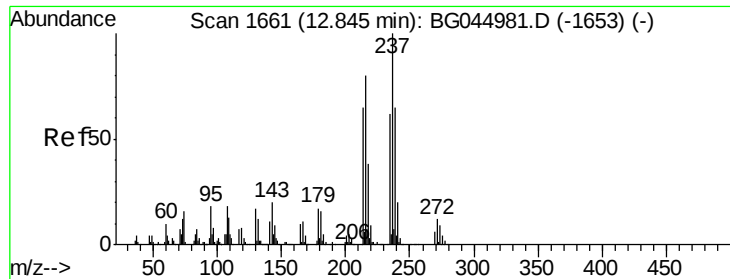
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.931 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	19.9	15.8	23.8
108	18.0	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 73.257 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

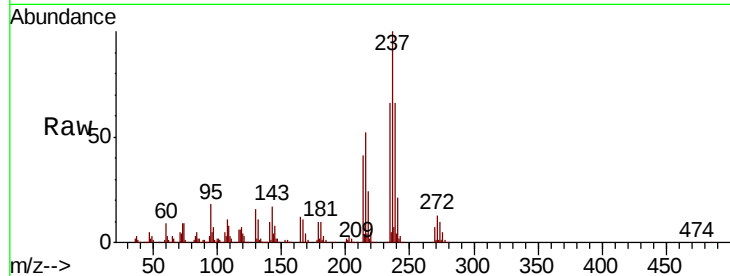
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

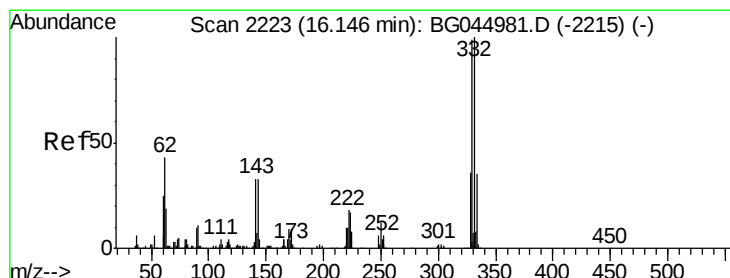
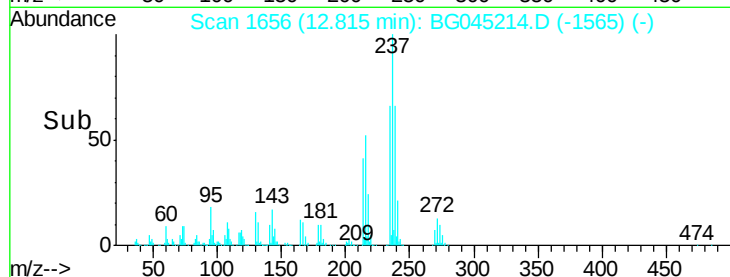
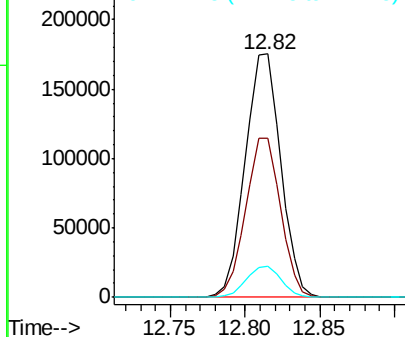
Tot Ion:	237	Resp:	288587
Ion Ratio	Lower	Upper	
237	100		
235	65.6	41.6	81.6
272	12.9	0.0	32.1

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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: 133.391 ng

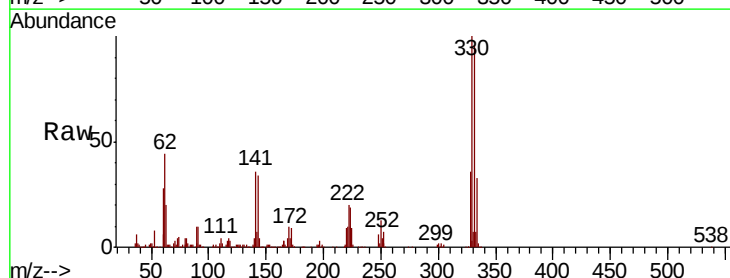
RT: 16.12 min Scan# 2219

Delta R.T. -0.00 min

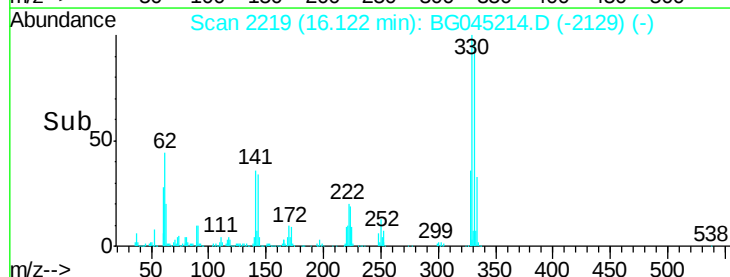
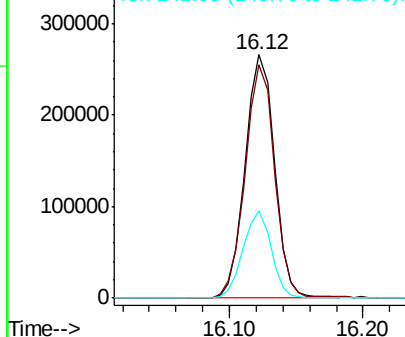
Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	330	Resp:	403399
Ion Ratio	Lower	Upper	
330	100		
332	96.3	79.1	118.7
141	35.1	27.1	40.7



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





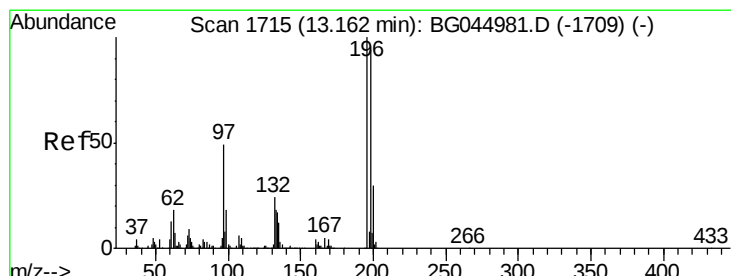
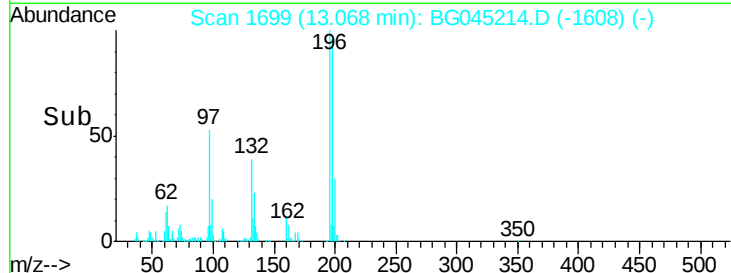
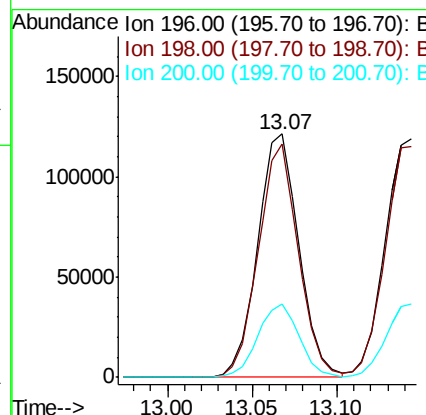
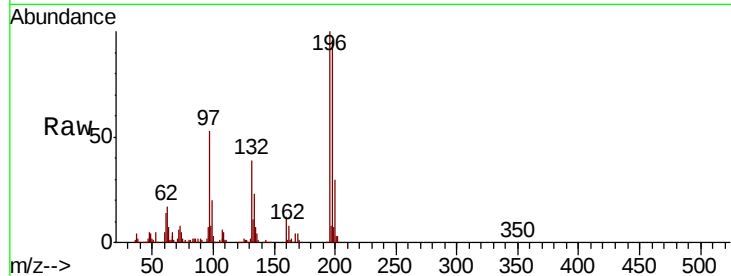
#43
 2,4,6-Trichlorophenol
 Concen: 46.168 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	72.5	108.7
200	30.1	24.5	36.7

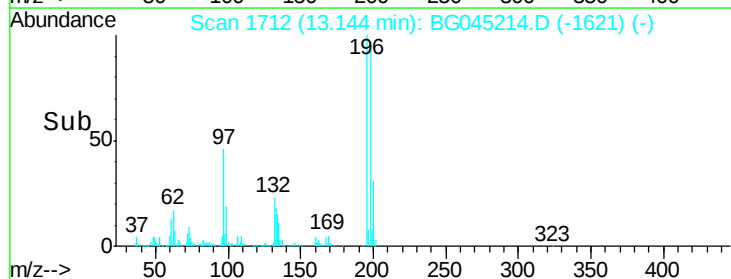
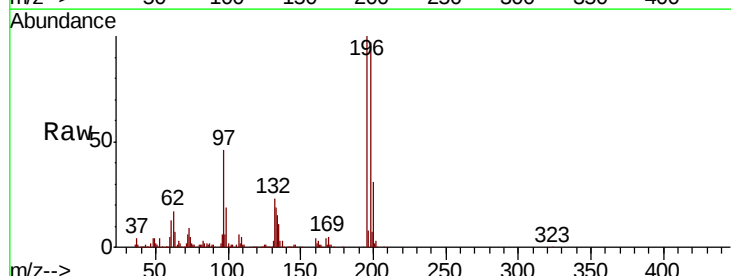
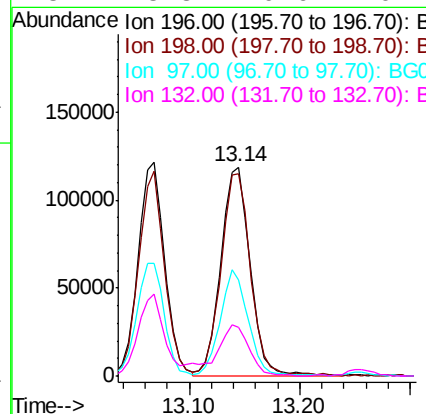
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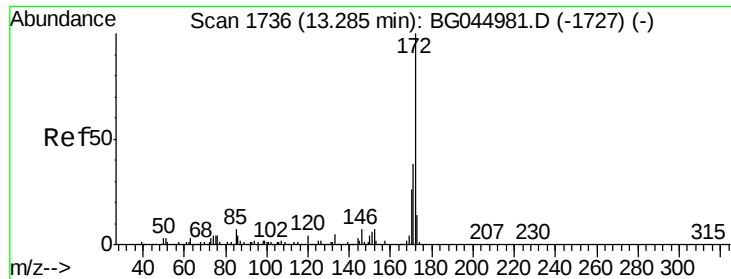
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.165 ng
 RT: 13.14 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
97	46.2	39.6	59.4
132	23.3	19.6	29.4





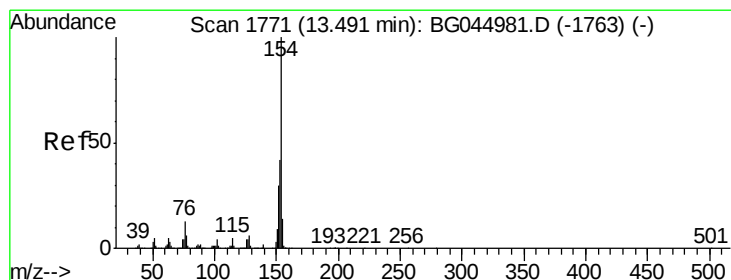
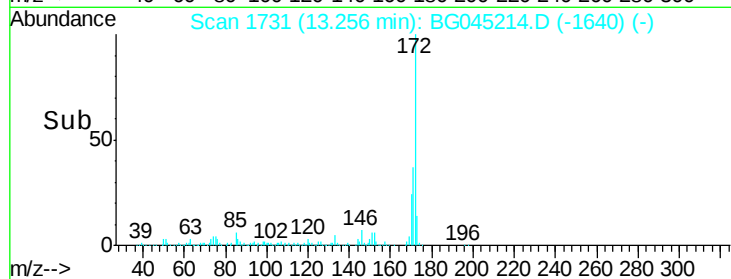
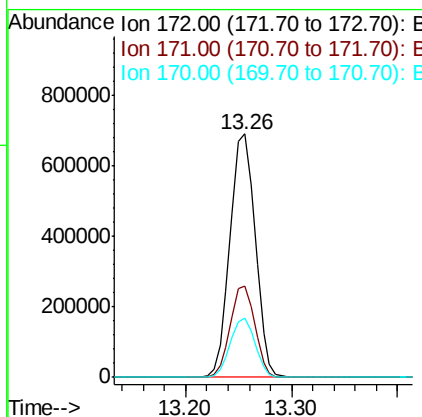
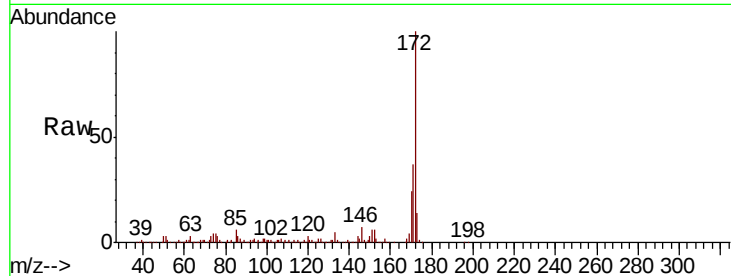
#45
 2-Fluorobiphenyl
 Concen: 85.651 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.3	20.5	30.7

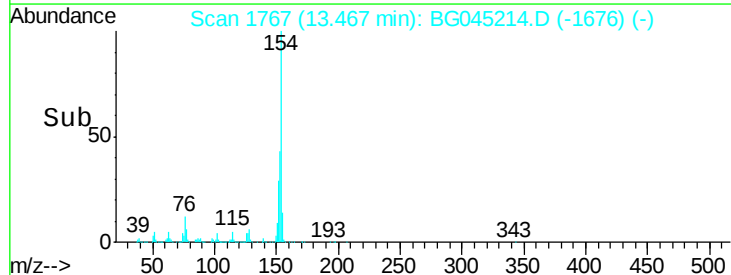
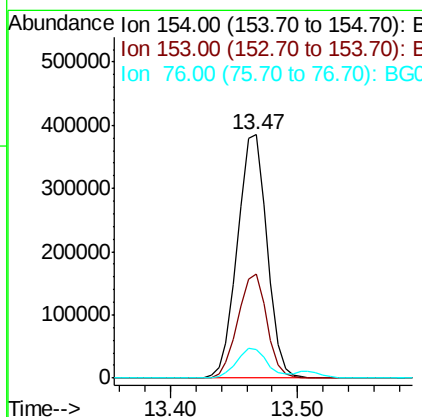
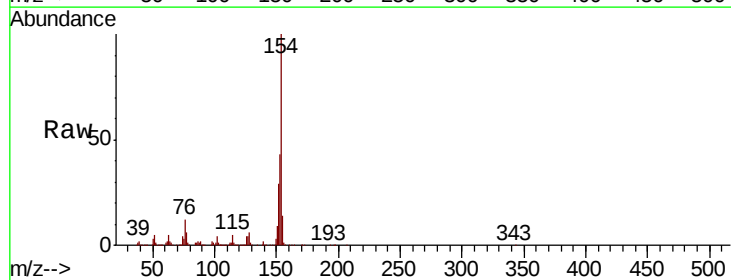
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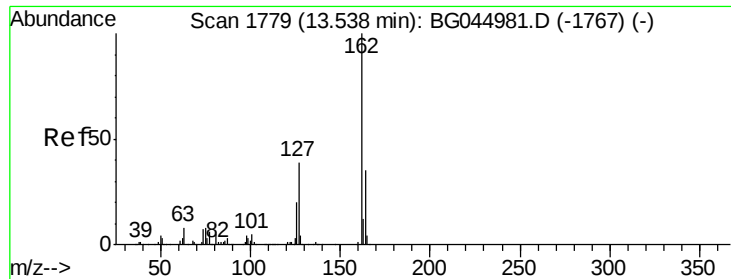
mohammad
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#46
 1,1'-Biphenyl
 Concen: 41.823 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.9	61.9
76	12.0	0.0	33.1





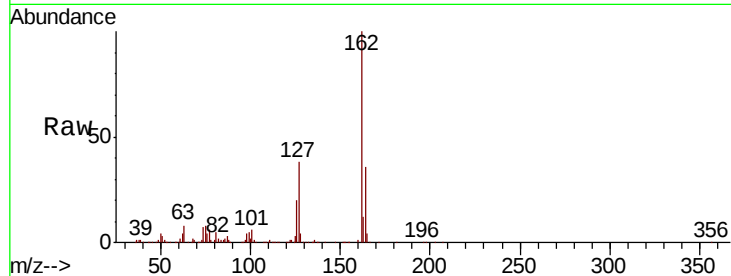
#47
 2-Chloronaphthalene
 Concen: 42.947 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

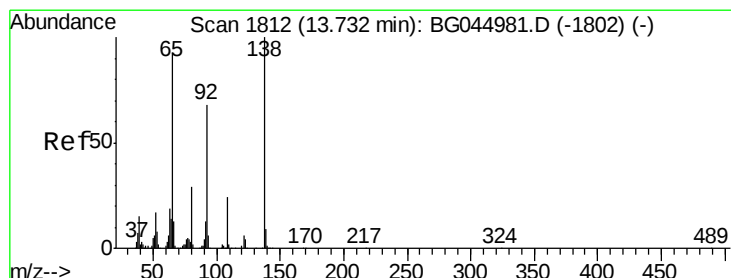
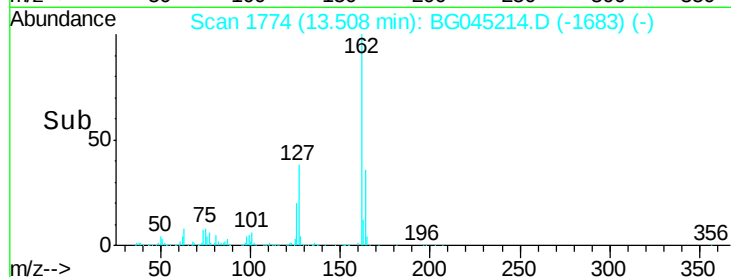
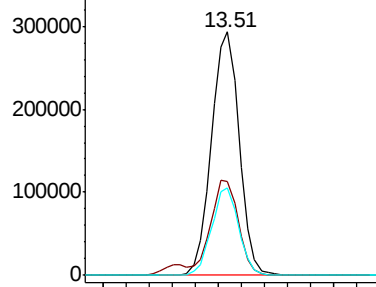
Tot Ion:	162	Resp:	488262
Ion Ratio	Lower	Upper	
162	100		
127	38.5	31.3	46.9
164	35.8	27.8	41.8

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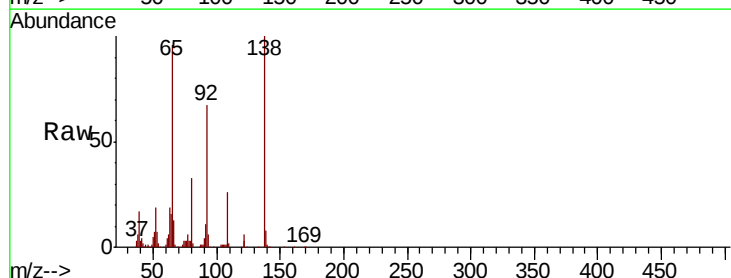


Abundance Ion 162.00 (161.70 to 162.70): E
 400000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

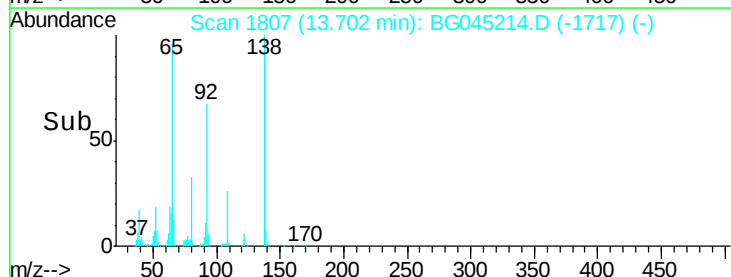
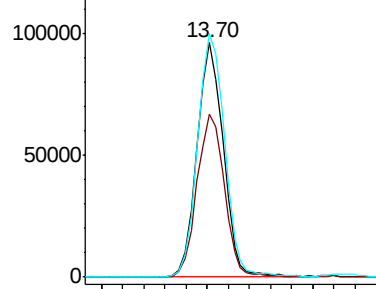


#48
 2-Nitroaniline
 Concen: 44.164 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion:	65	Resp:	165200
Ion Ratio	Lower	Upper	
65	100		
92	69.5	58.3	87.5
138	103.9	85.6	128.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
 100000
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





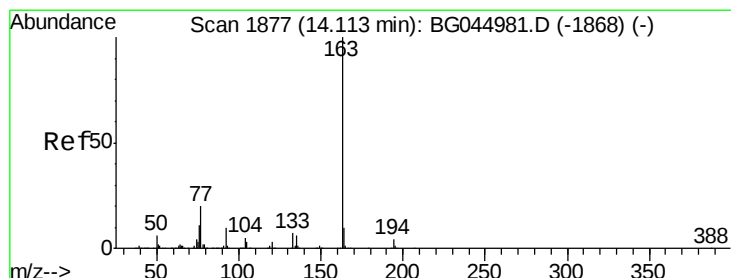
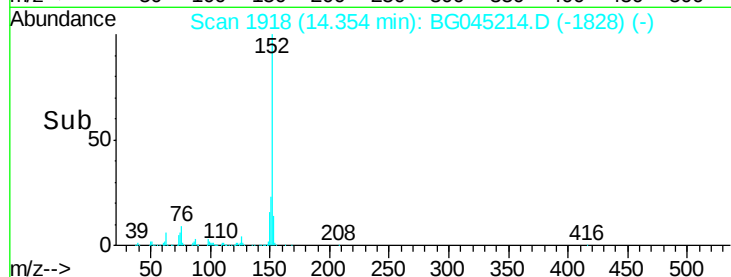
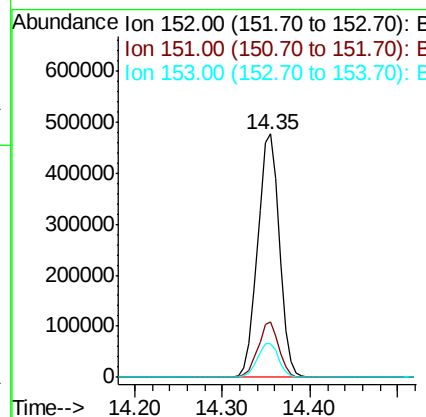
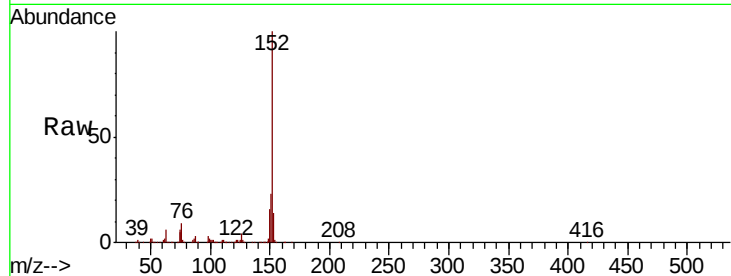
#49
Acenaphthylene
Concen: 43.392 ng
RT: 14.35 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.2	25.8
153	14.0	11.0	16.4

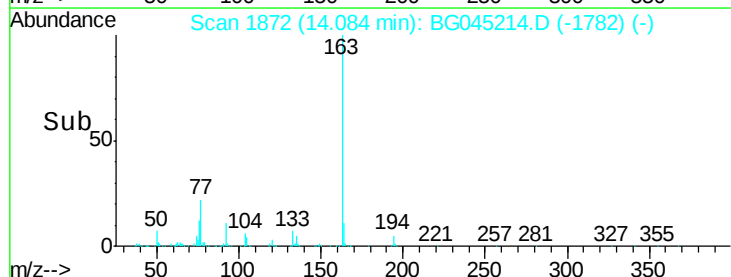
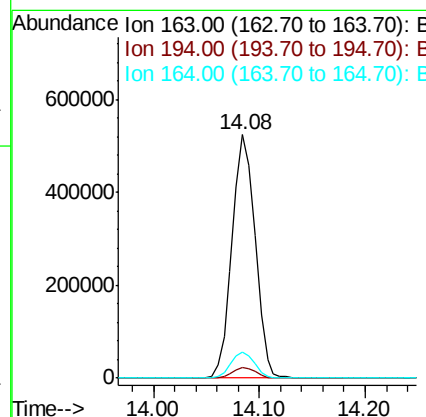
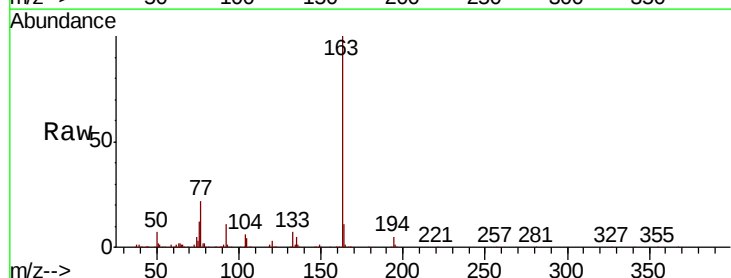
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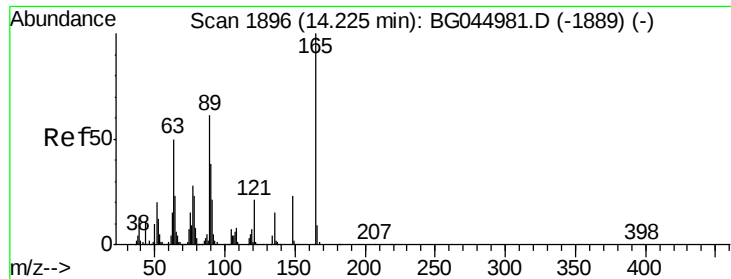
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#50
Dimethylphthalate
Concen: 49.714 ng
RT: 14.08 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.9	8.2	12.4





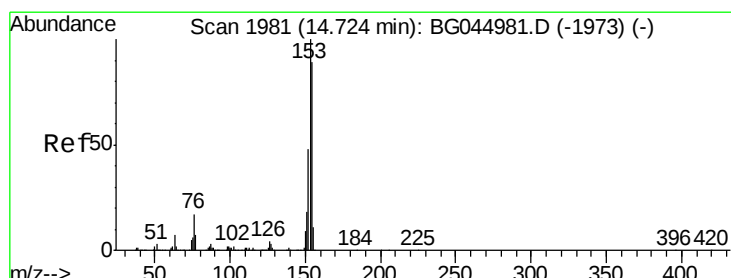
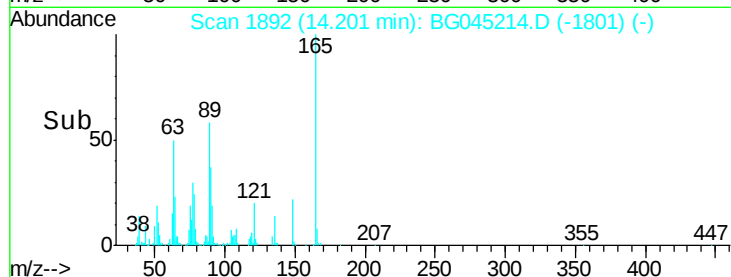
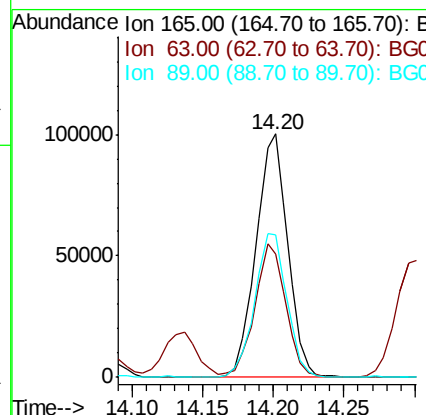
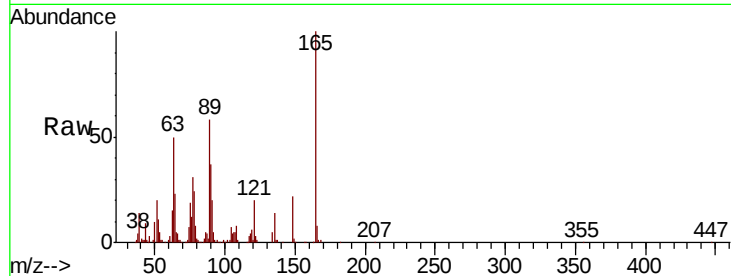
#51
 2,6-Dinitrotoluene
 Concen: 44.487 ng
 RT: 14.20 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	165	Resp:	158604
Ion Ratio	Lower	Upper	
165	100		
63	50.4	40.4	60.6
89	58.5	49.1	73.7

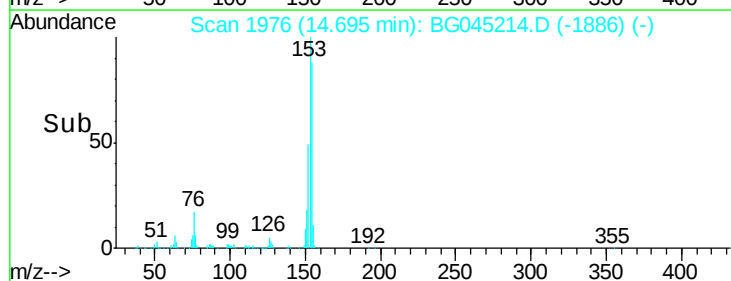
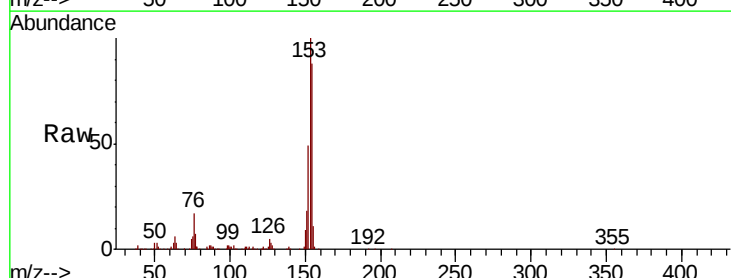
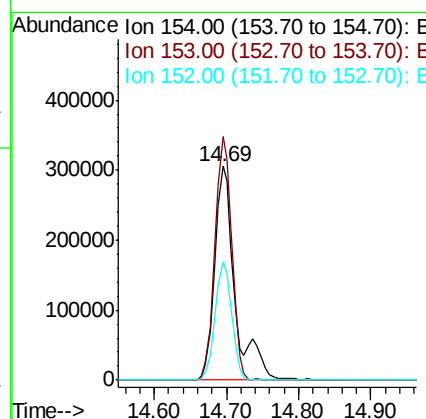
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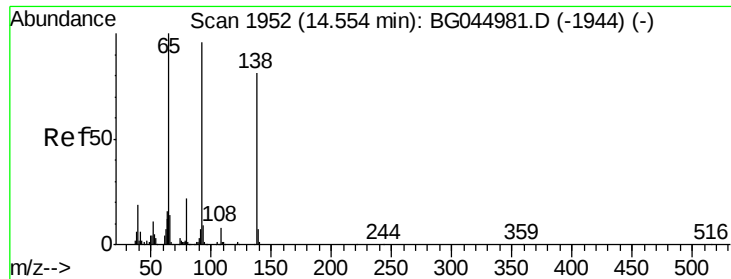
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#52
 Acenaphthene
 Concen: 47.611 ng m
 RT: 14.69 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion:	154	Resp:	596544
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.7	134.5
152	55.2	43.1	64.7





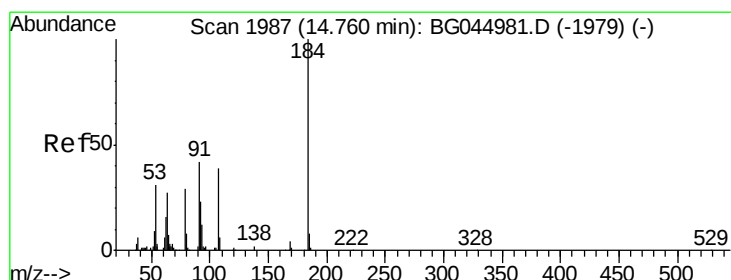
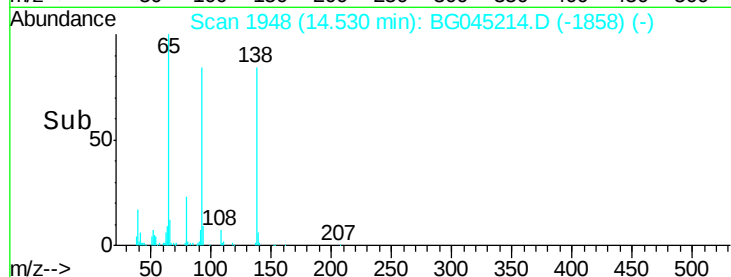
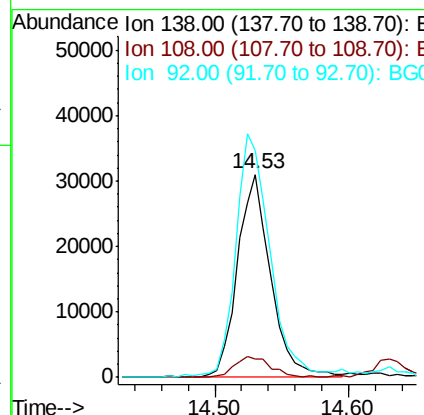
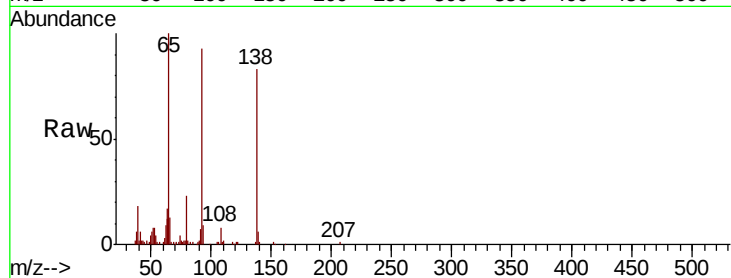
#53
 3-Nitroaniline
 Concen: 13.704 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.8	11.8
92	111.9	94.5	141.7

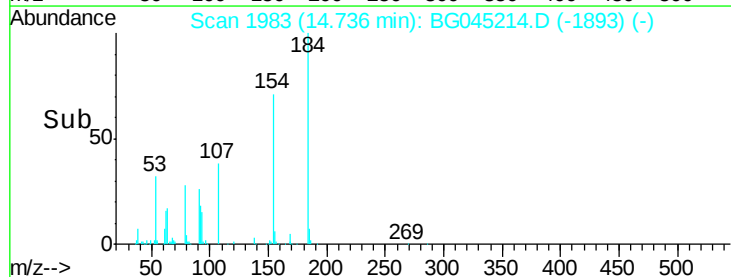
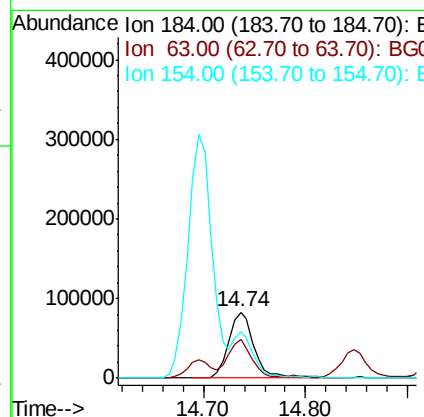
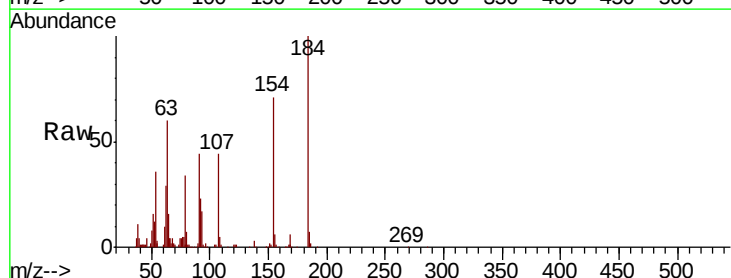
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#54
 2,4-Dinitrophenol
 Concen: 68.569 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	41.5	62.3
154	71.0	52.3	78.5





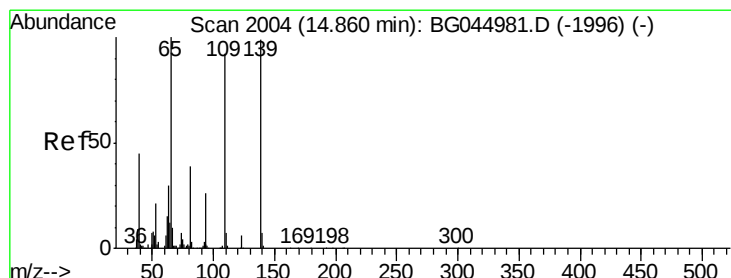
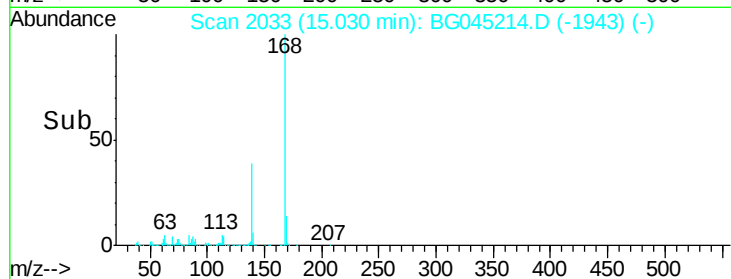
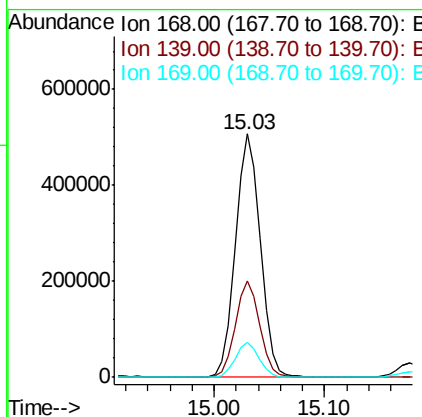
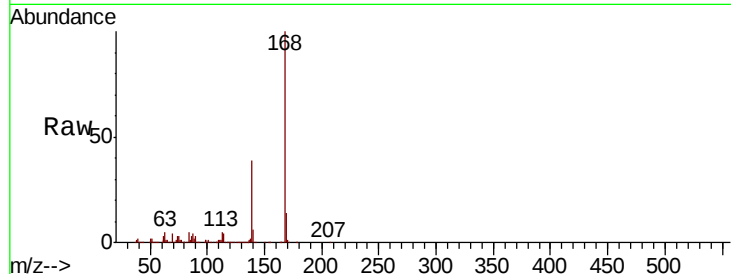
#55
Dibenzenofuran
Concen: 43.960 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.4	45.6
169	14.2	11.0	16.4

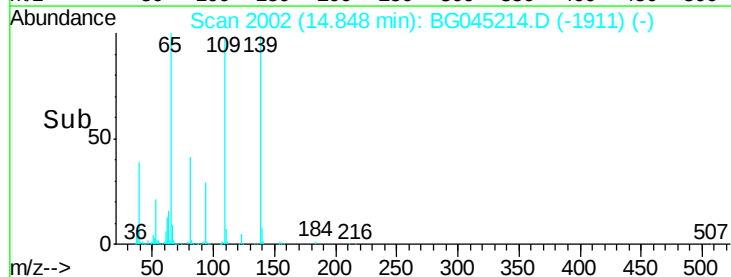
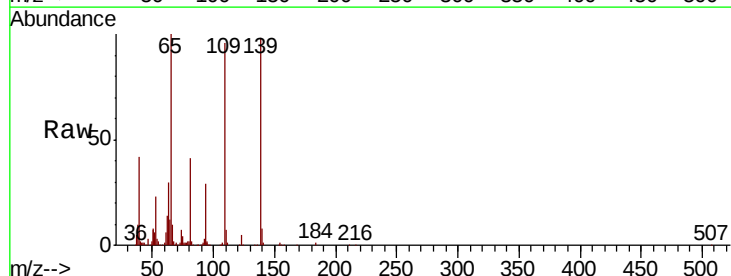
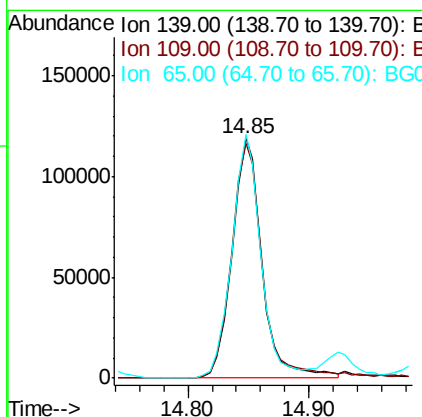
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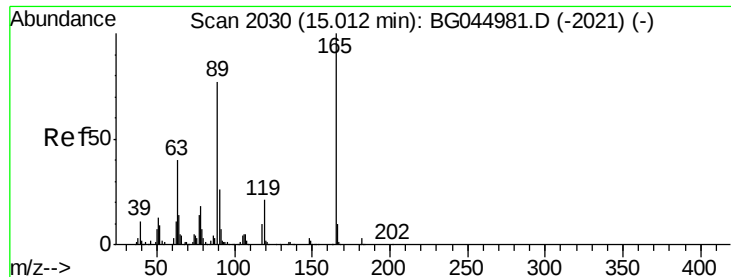
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#56
4-Nitrophenol
Concen: 67.350 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.9	73.6	113.6
65	101.6	81.2	121.2





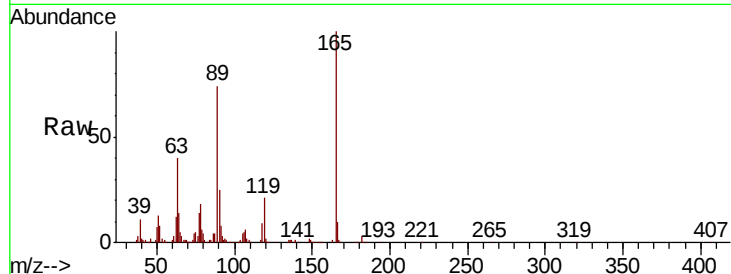
#57
 2,4-Dinitrotoluene
 Concen: 43.542 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		226858		
63	40.2	32.2	48.2		
89	74.1	61.7	92.5		
182	2.7	2.0	3.0		

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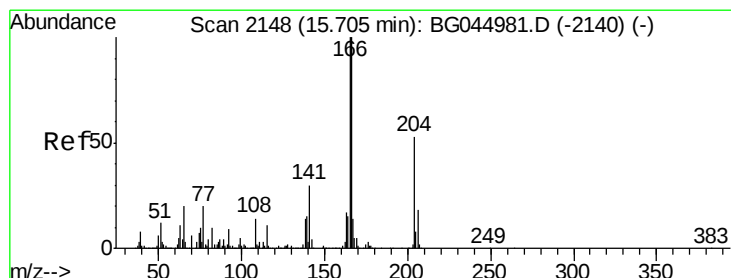
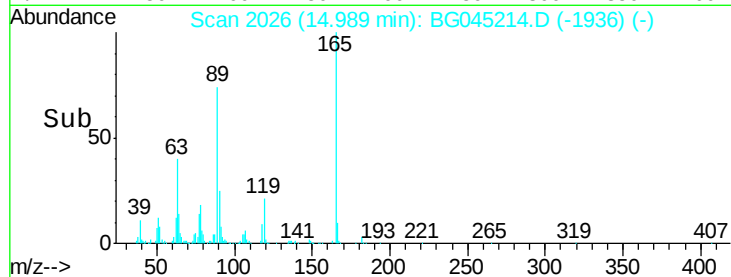
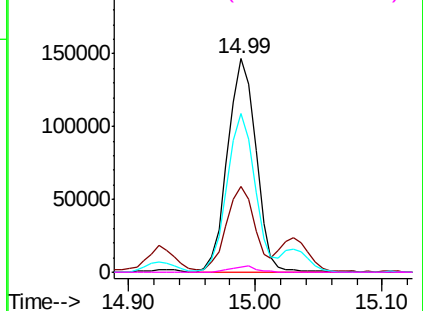


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

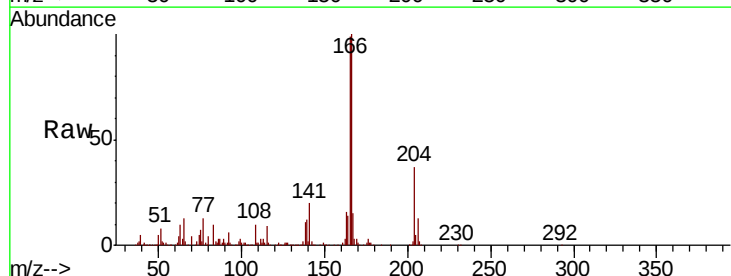
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.594 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

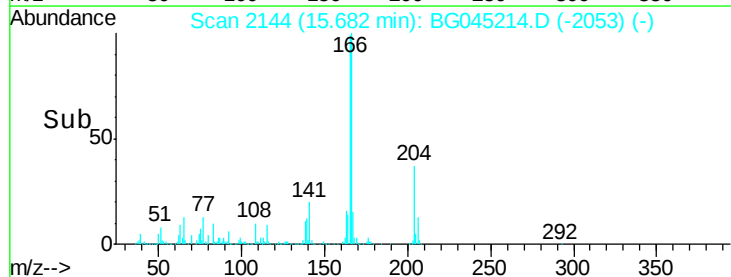
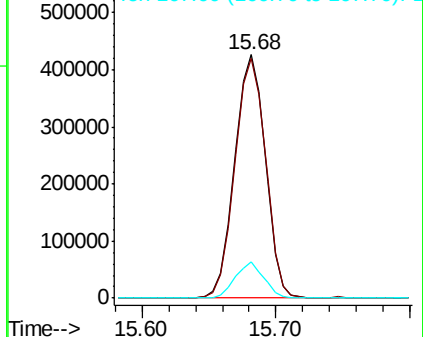
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		680298		
165	98.7	79.9	119.9		
167	15.1	11.4	17.0		

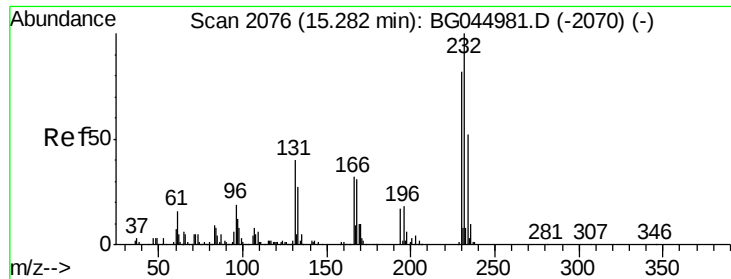


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





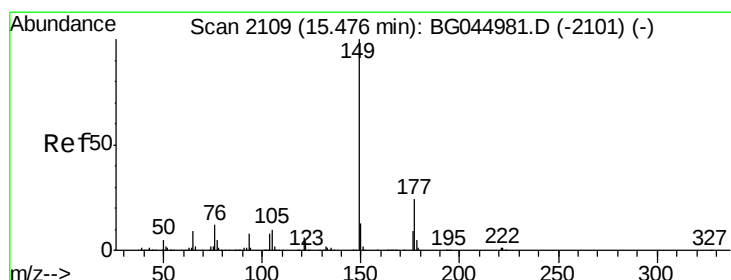
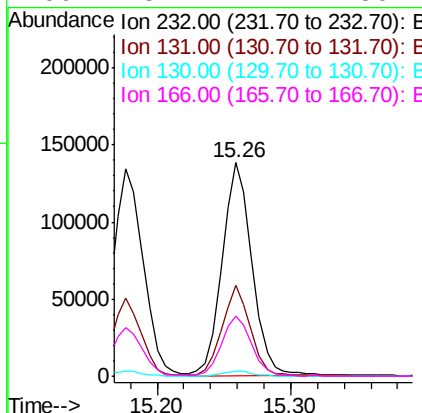
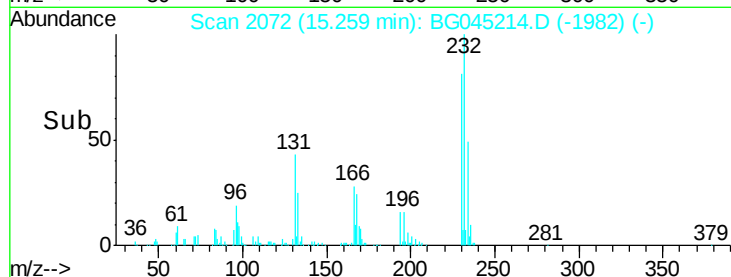
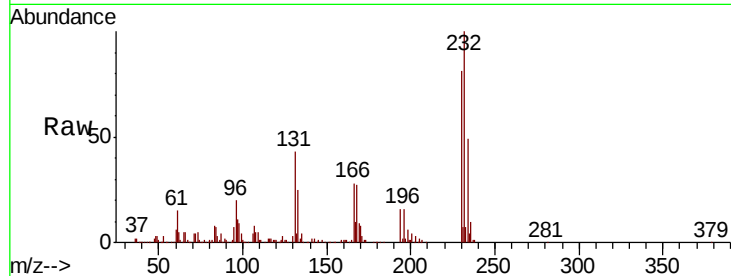
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.814 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	215416		
131	40.9	32.2	48.2	
130	2.6	2.2	3.2	
166	28.1	24.2	36.4	

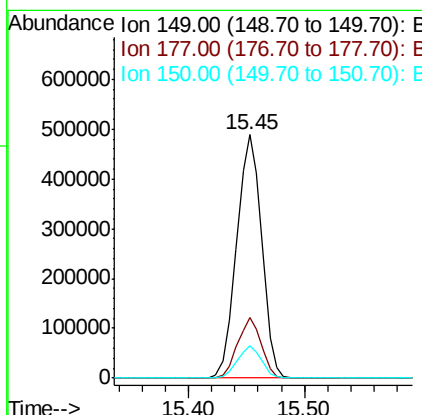
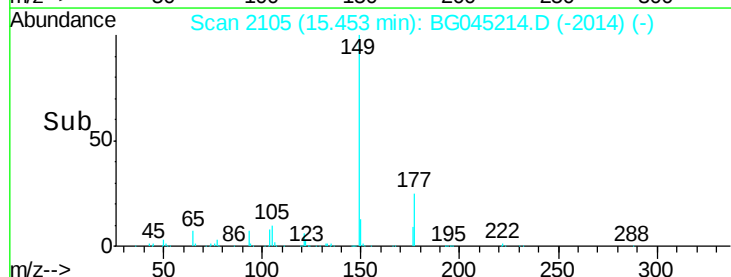
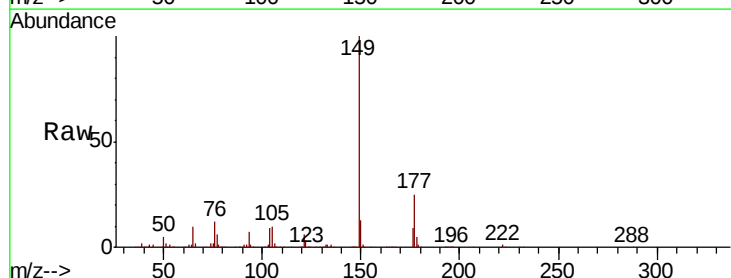
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#60
Diethylphthalate
Concen: 44.057 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	732153		
177	25.1	18.9	28.3	
150	13.3	10.6	15.8	





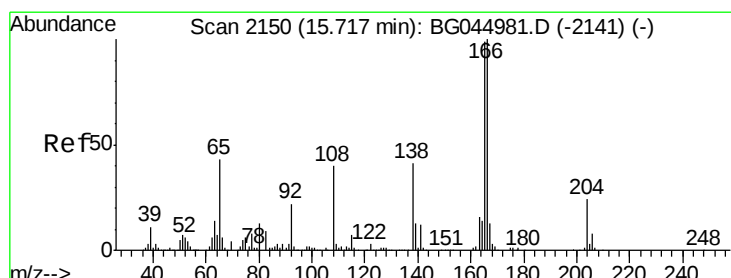
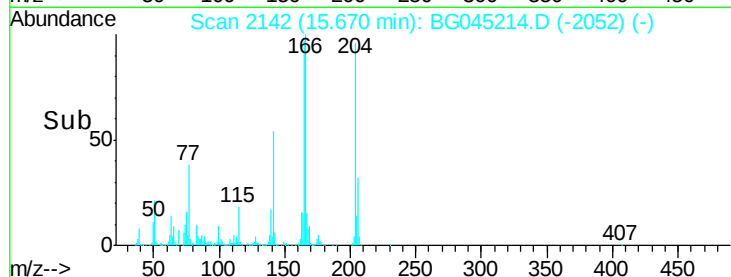
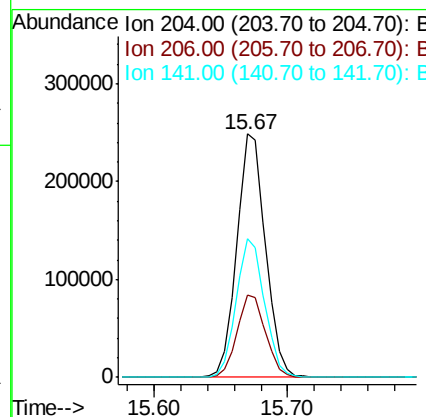
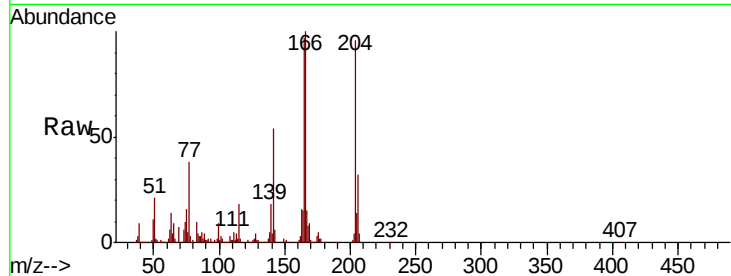
#61
4-Chlorophenyl-phenylether
Concen: 43.309 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	56.7	46.3	69.5

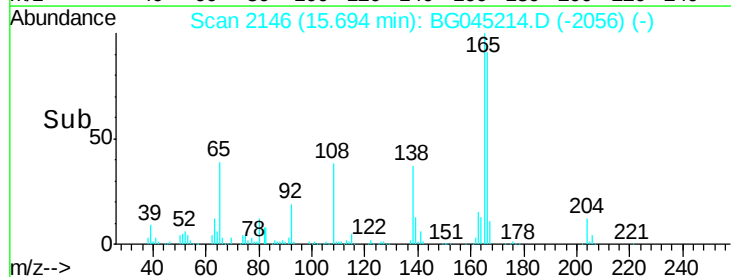
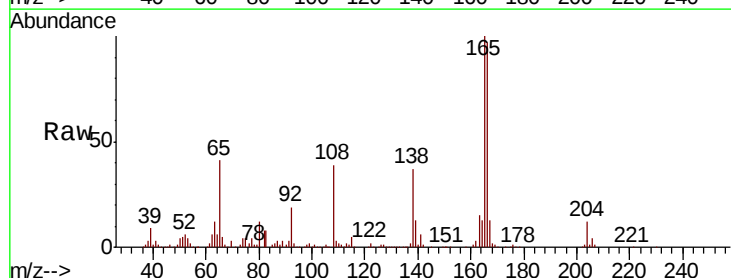
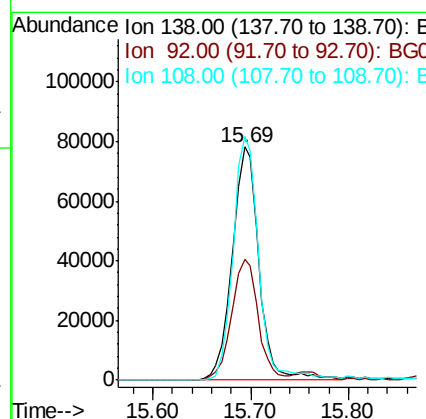
Manual Integrations
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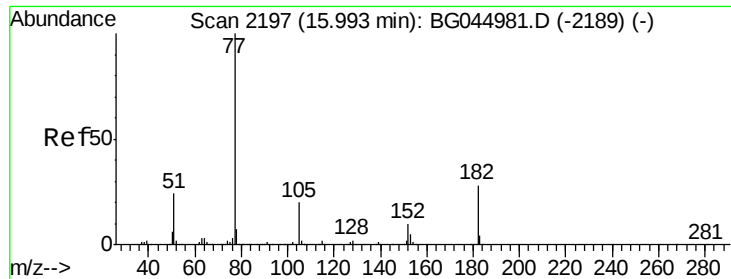
mohammad
4/30/2020 1:37:58 PM



#62
4-Nitroaniline
Concen: 36.725 ng
RT: 15.69 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	33.6	73.6
108	104.5	78.2	118.2





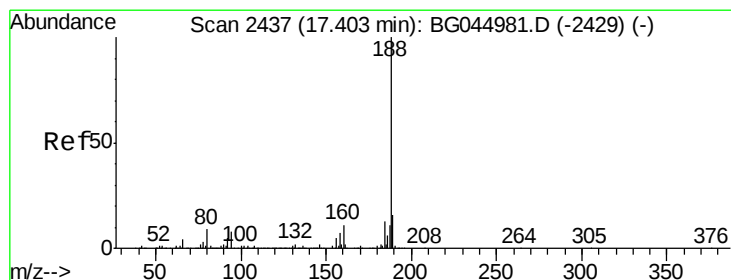
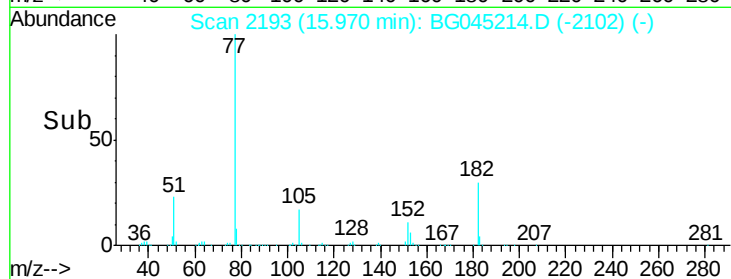
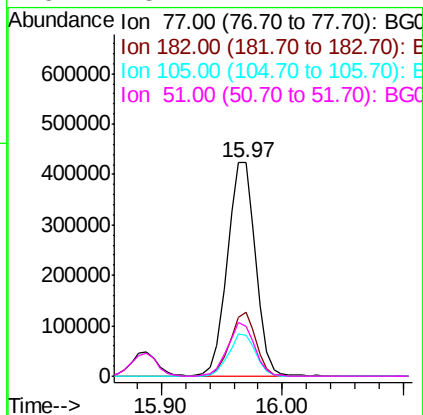
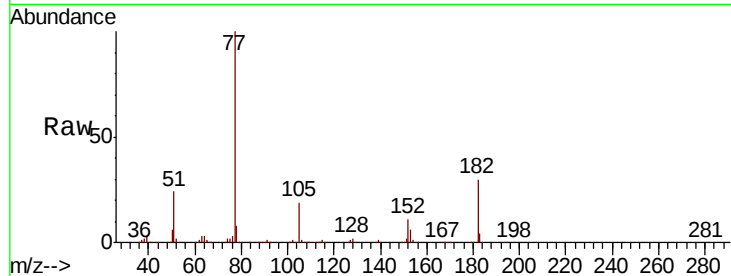
#63
Azobenzene
Concen: 44.432 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.8	8.4	48.4
105	19.1	0.5	40.5
51	23.7	4.4	44.4

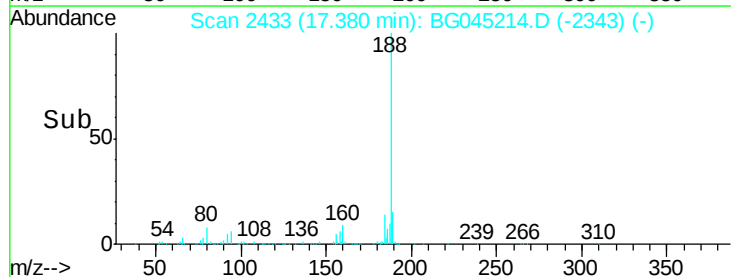
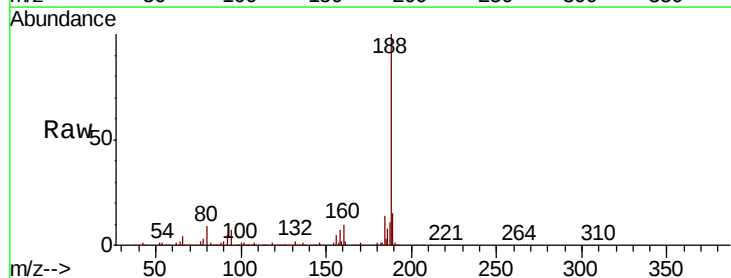
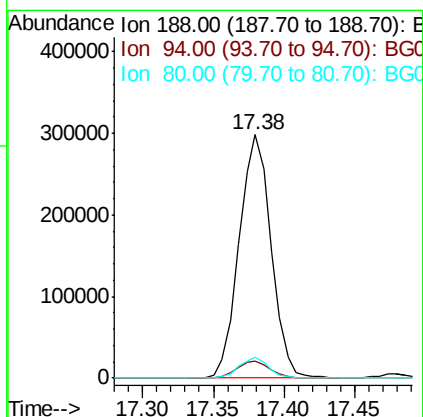
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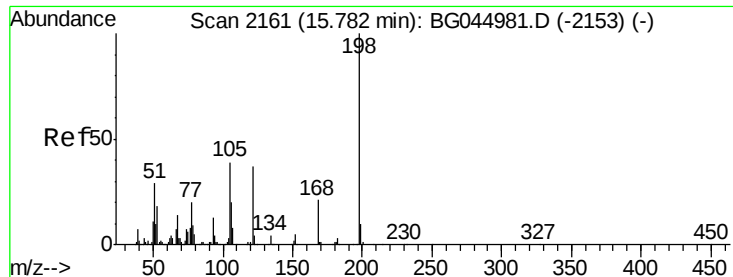
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.5	7.0	10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 40.962 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

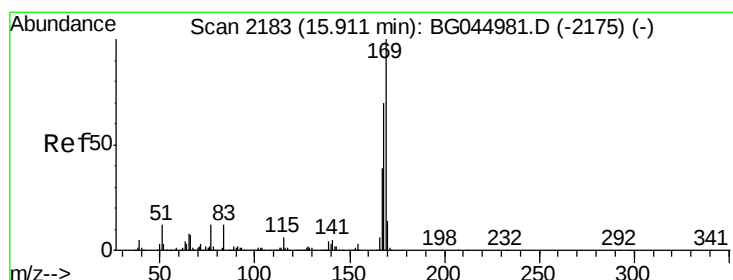
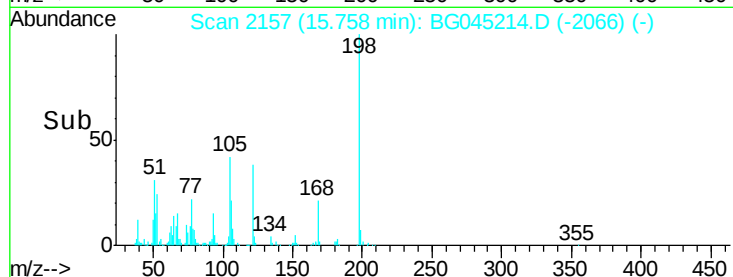
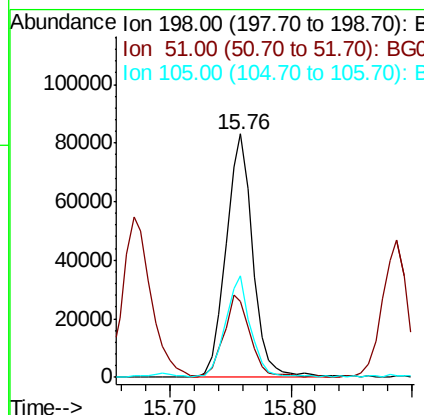
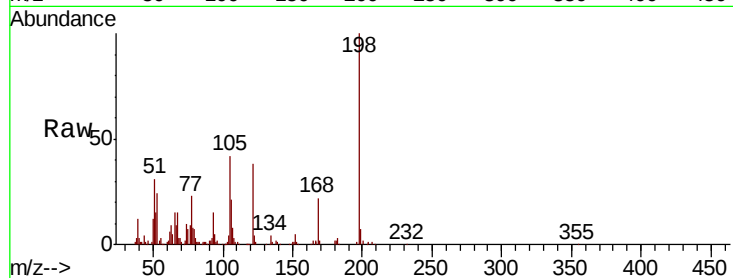
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	198	Resp:	127311
Ion Ratio	Lower	Upper	
198	100		
51	31.4	10.0	50.0
105	41.7	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 43.950 ng

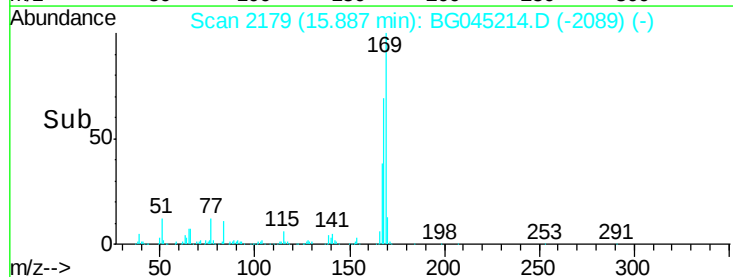
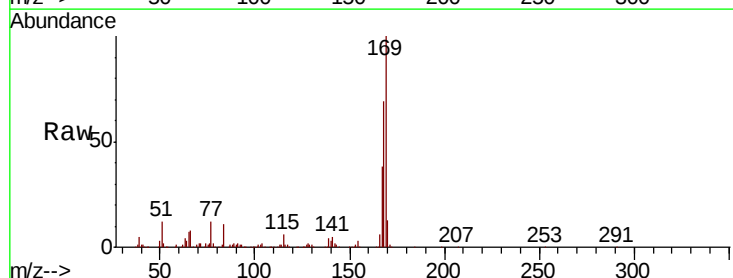
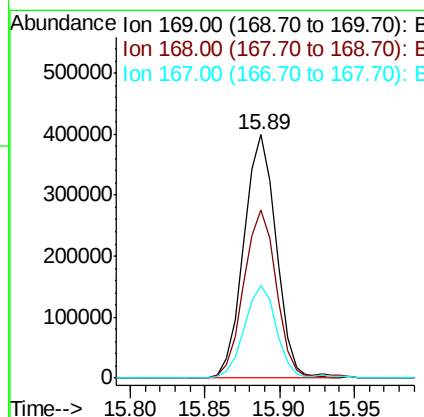
RT: 15.89 min Scan# 2179

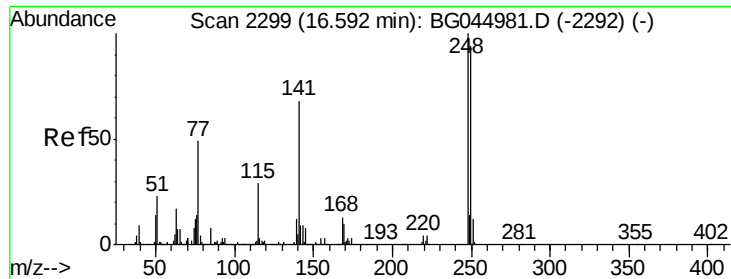
Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	169	Resp:	597096
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.8	83.8
167	38.1	30.8	46.2





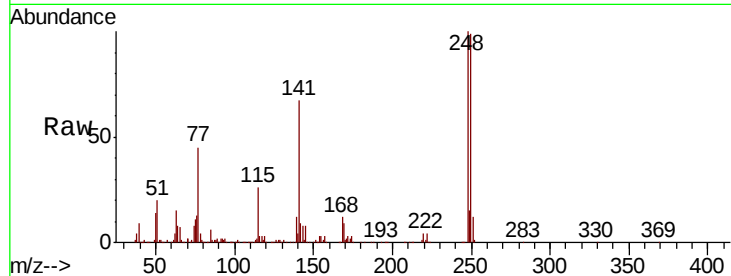
#67
4-Bromophenyl-phenylether
Concen: 43.409 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	75.4	113.2
141	66.8	54.4	81.6

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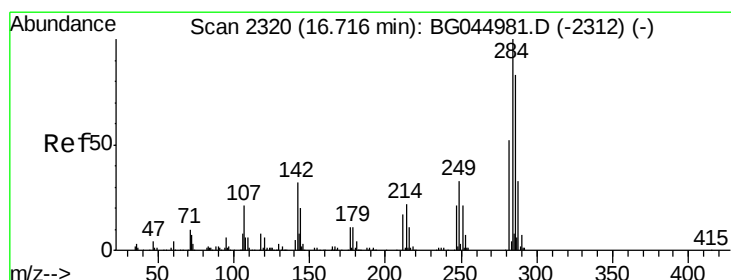
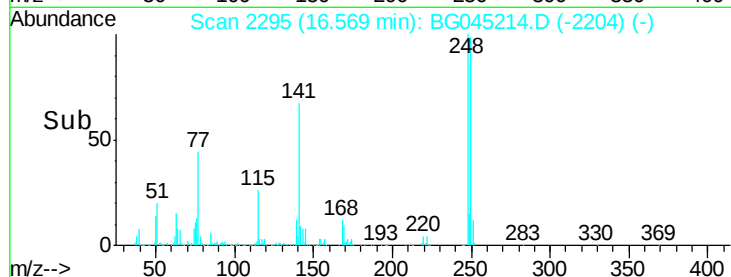
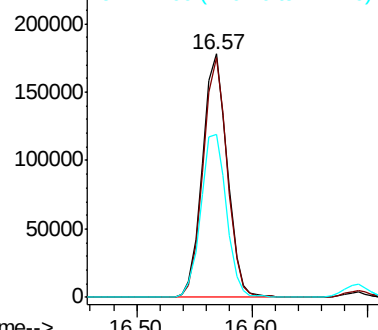


Abundance

Ion 248.00 (247.70 to 248.70): E

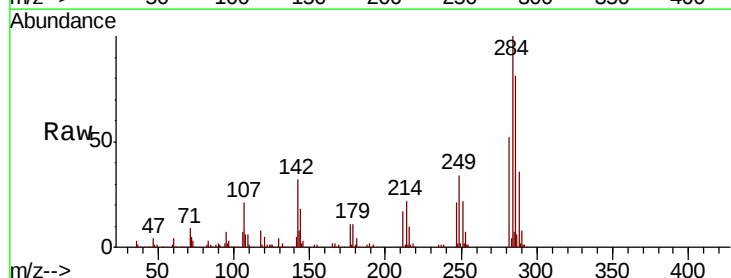
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.146 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.8	38.6
249	33.8	26.6	39.8

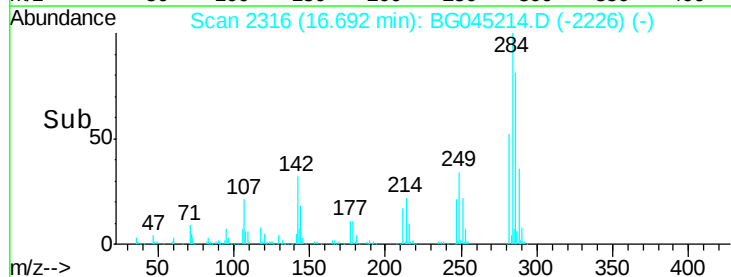
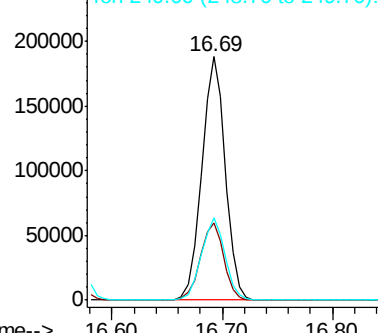


Abundance

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





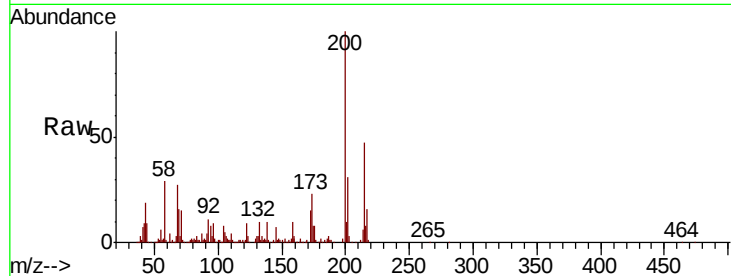
#69
Atrazine
Concen: 51.799 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

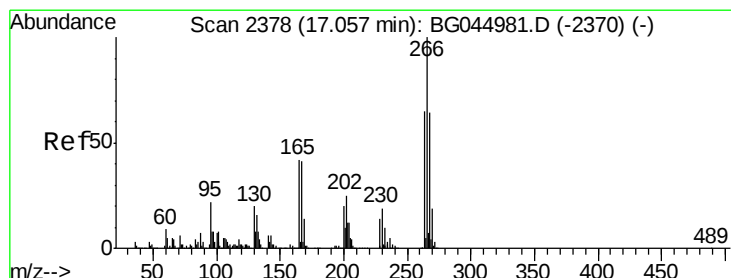
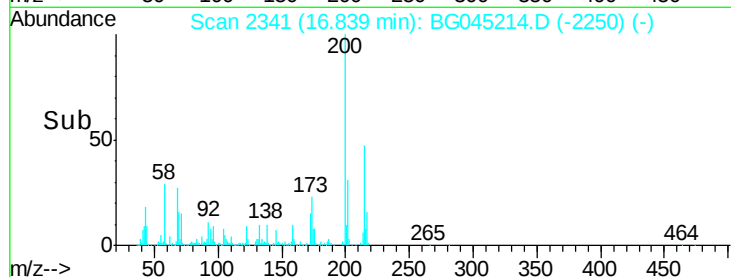
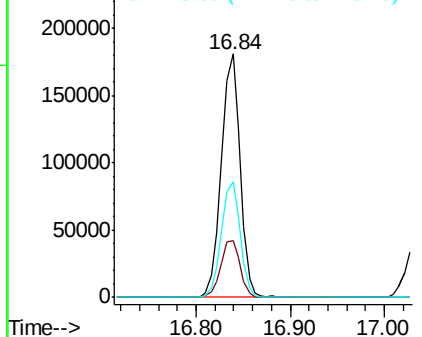
Tot Ion	Ratio	Resp	Lower	Upper
200	100	253101		
173	23.5		4.5	44.5
215	47.4		30.0	70.0

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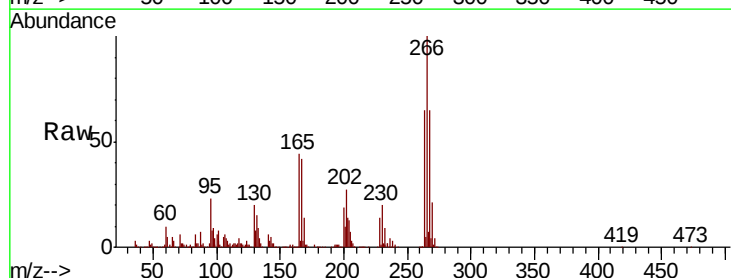


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

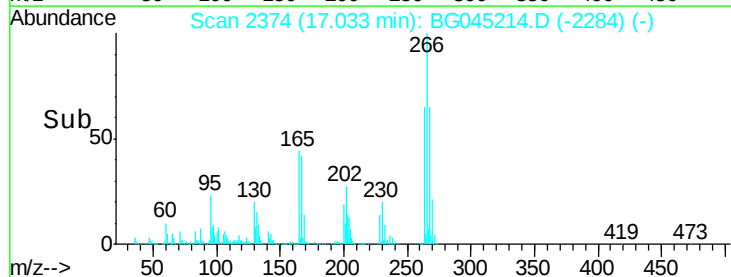
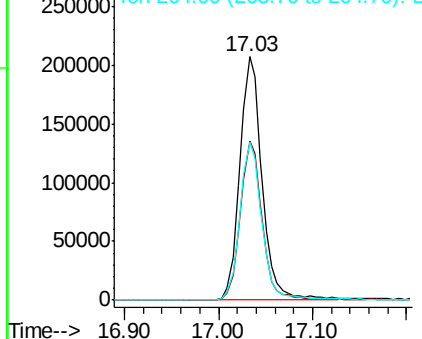


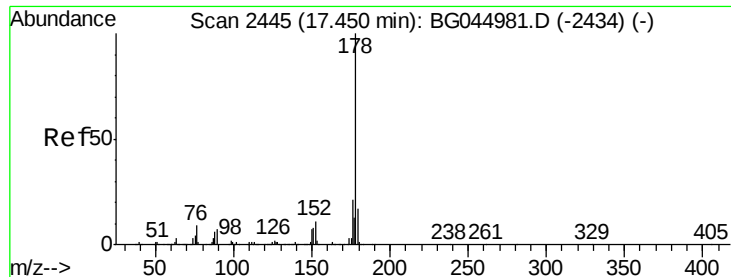
#70
Pentachlorophenol
Concen: 87.515 ng
RT: 17.03 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	339658		
268	65.1		51.5	77.3
264	65.0		52.2	78.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.111 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:178 Resp: 1096132

Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

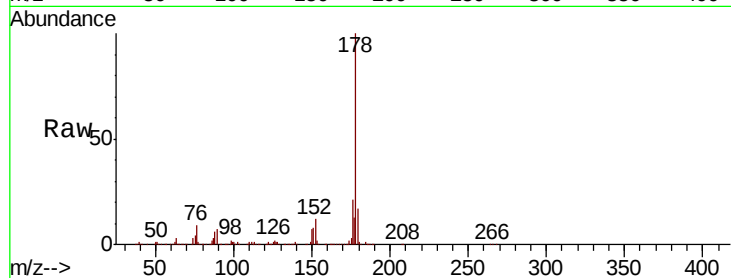
179 17.0 13.2 19.8

Manual Integrations

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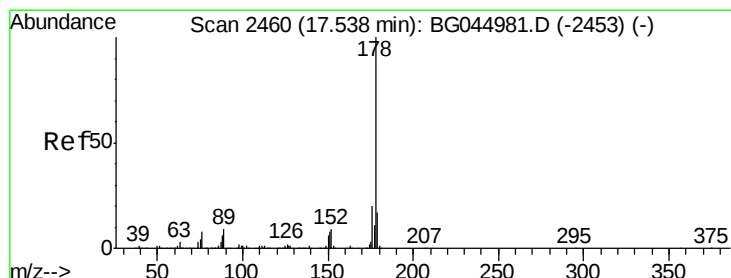
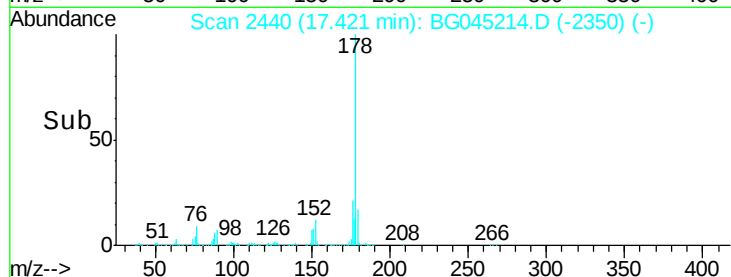
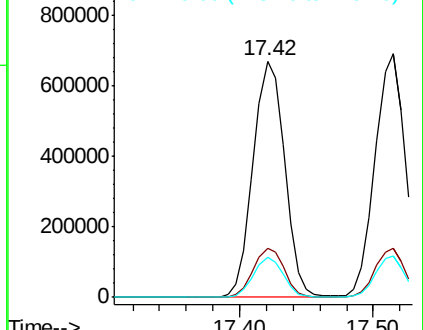
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.409 ng

RT: 17.51 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

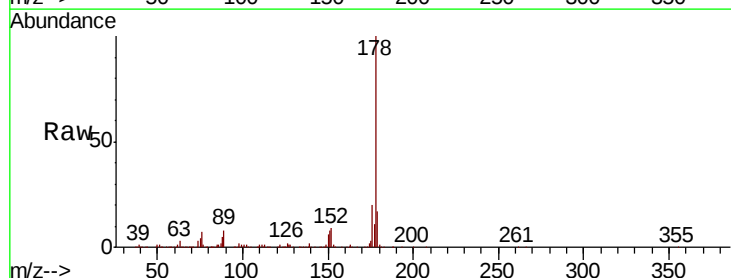
Tgt Ion:178 Resp: 1106792

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

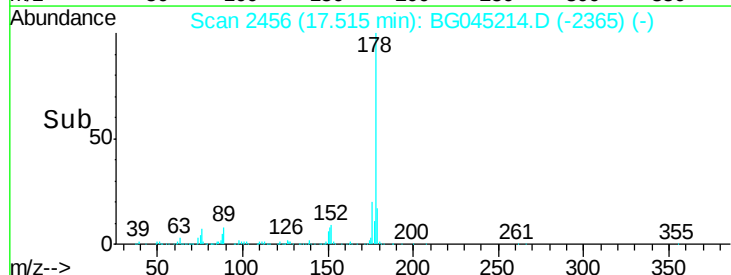
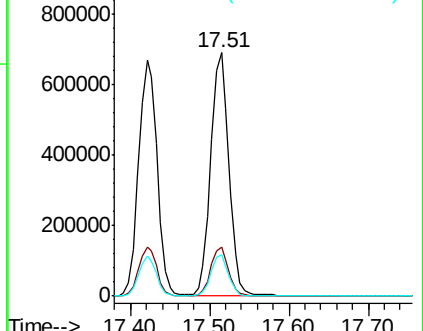
179 16.9 13.6 20.4

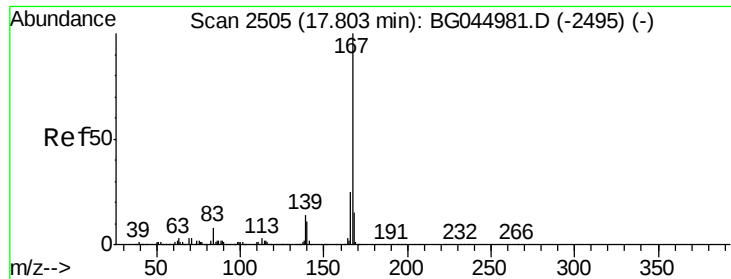


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





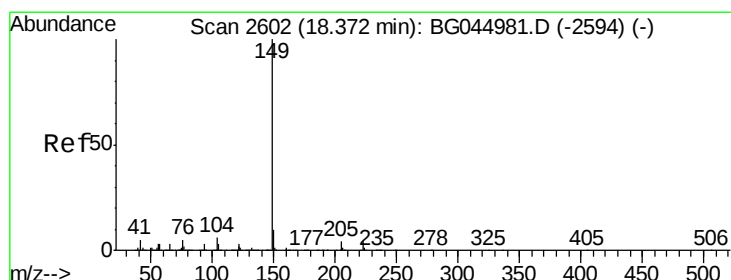
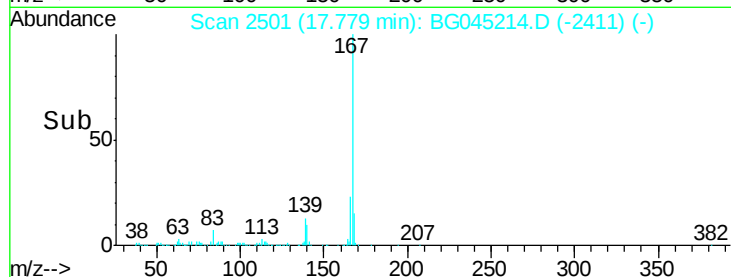
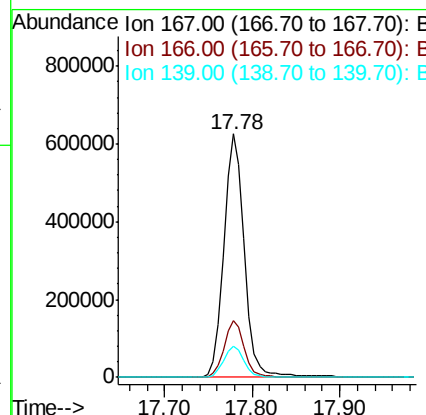
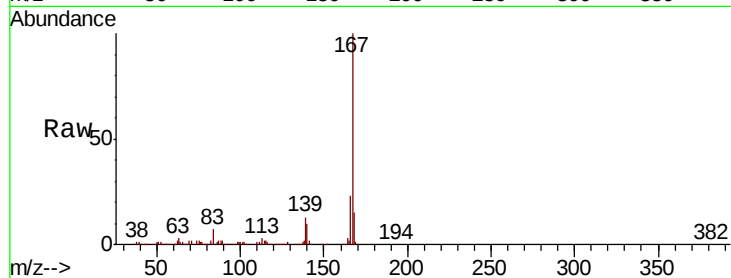
#73
 Carbazole
 Concen: 40.989 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.8	29.6
139	12.6	10.9	16.3

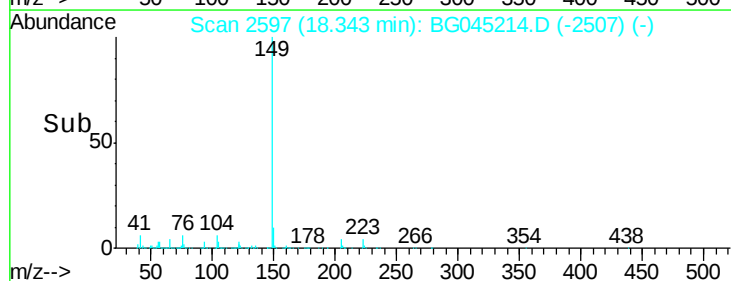
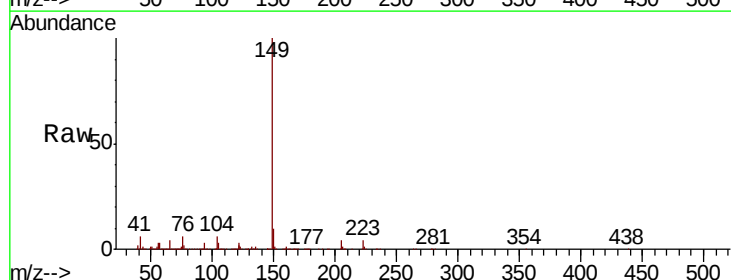
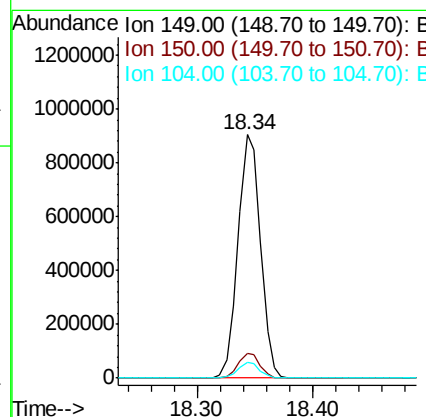
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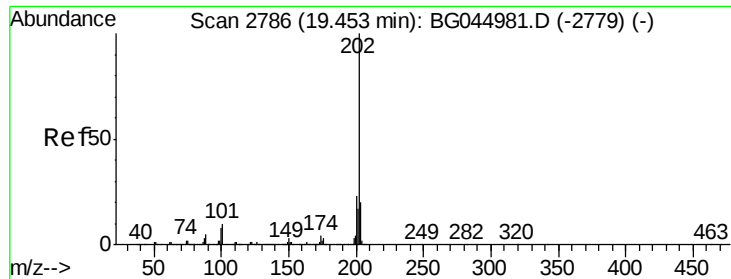
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.271 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.4	4.8	7.2





#75

Fluoranthene

Concen: 46.651 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

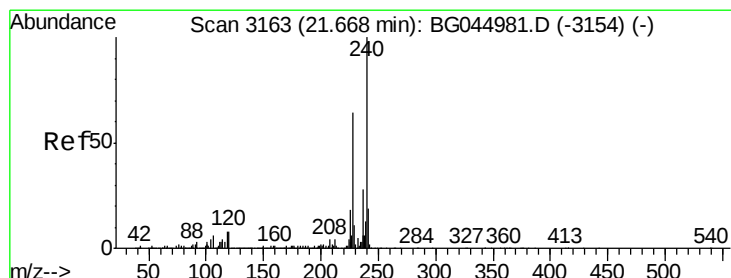
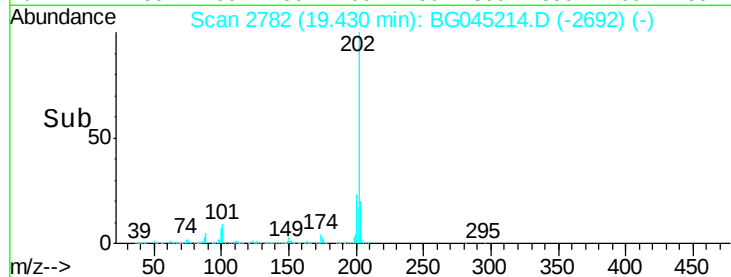
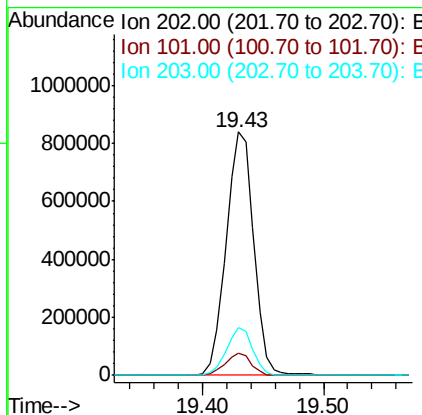
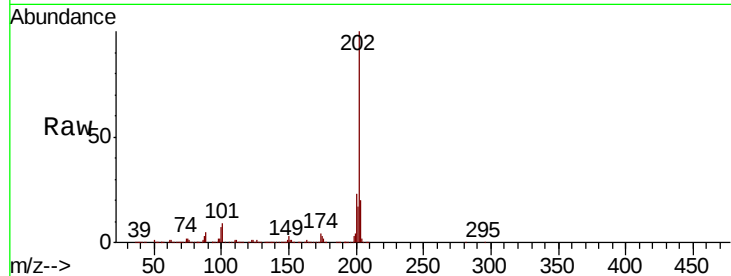
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	202	Resp:	1325890
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	29.6
203	19.8	0.0	39.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

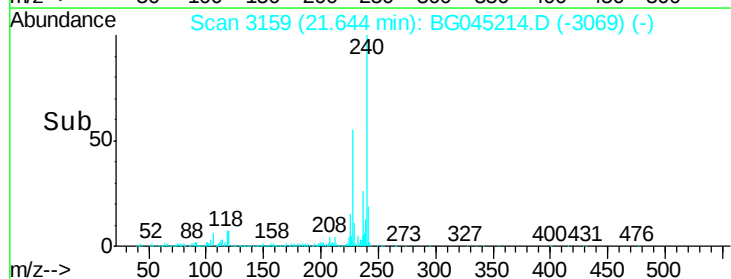
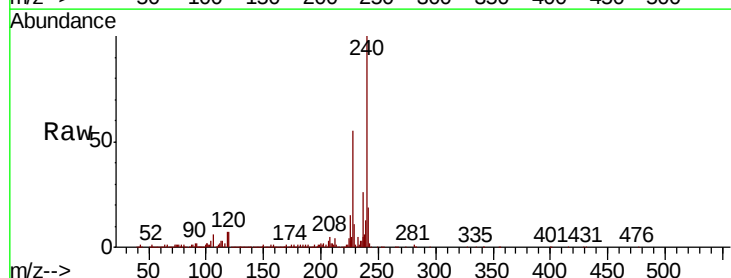
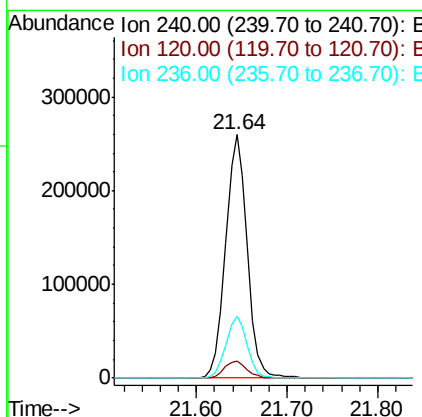
RT: 21.64 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	240	Resp:	426800
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.6	10.0
236	25.6	22.2	33.2





#77

Benzidine

Concen: 23.175 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

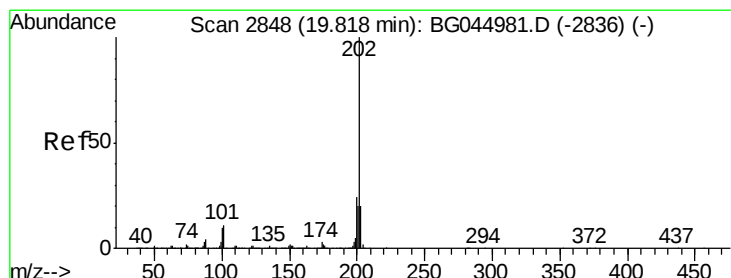
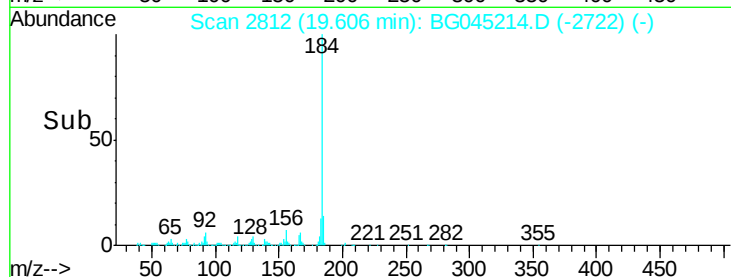
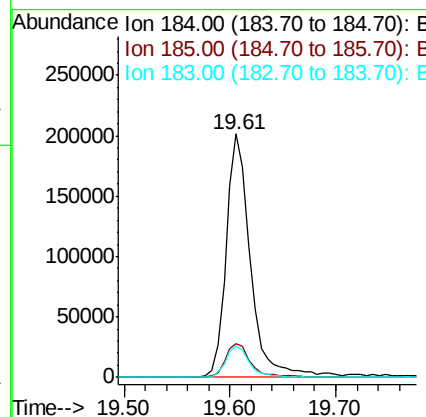
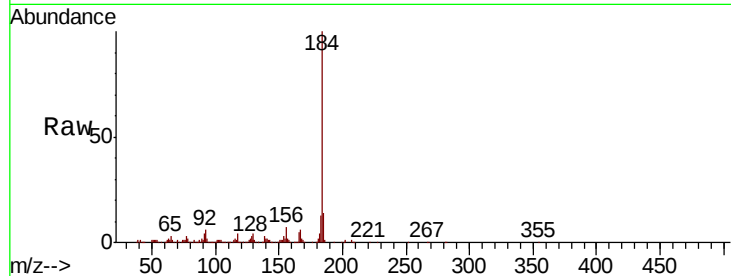
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	184	Resp:	322188
Ion Ratio	Lower	Upper	
184	100		
185	13.6	12.6	19.0
183	12.9	11.3	16.9

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#78

Pyrene

Concen: 44.425 ng

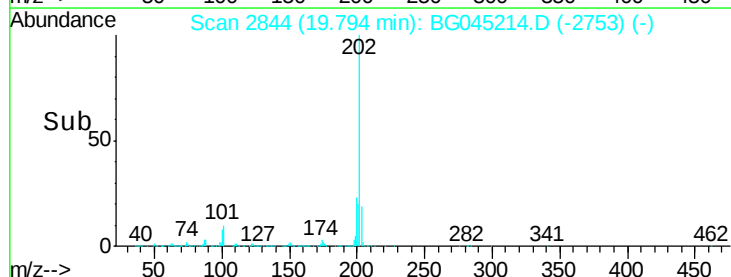
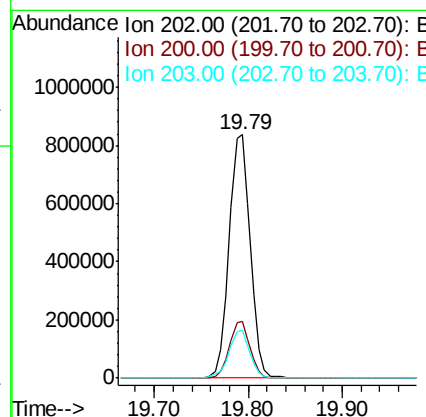
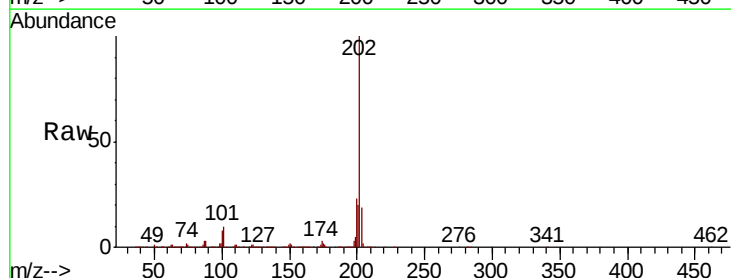
RT: 19.79 min Scan# 2844

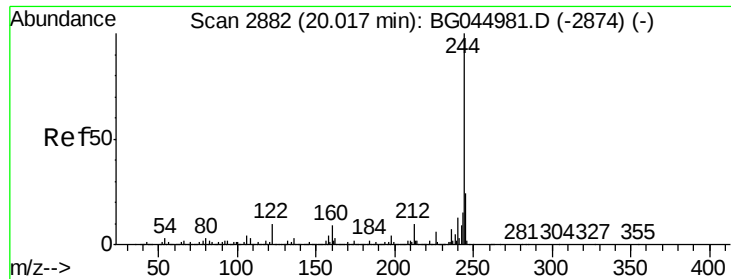
Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	202	Resp:	1307147
Ion Ratio	Lower	Upper	
202	100		
200	23.1	19.0	28.6
203	19.5	16.1	24.1





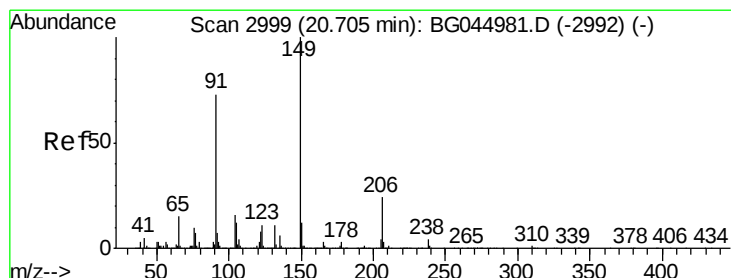
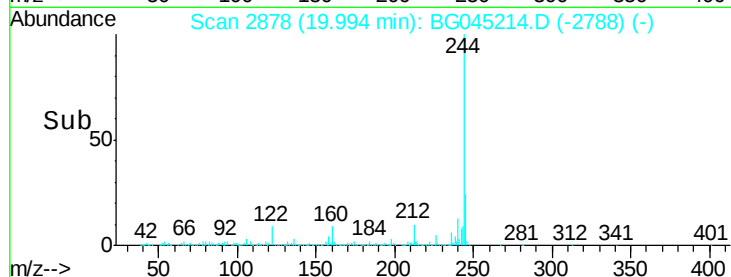
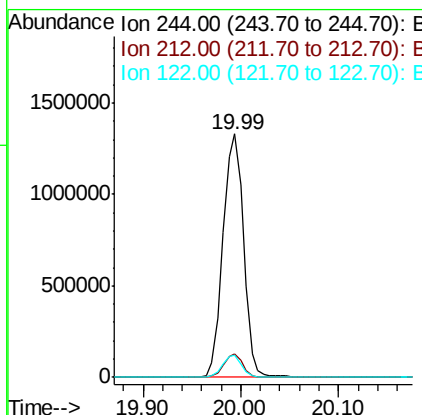
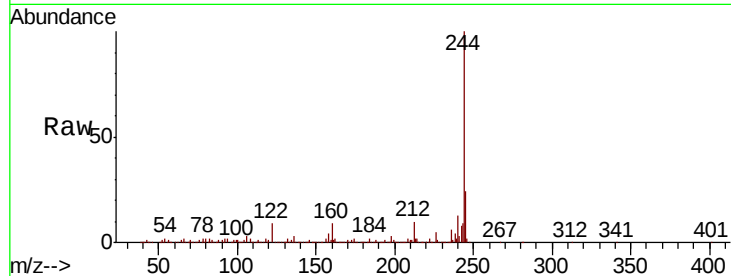
#79
 Terphenyl-d14
 Concen: 99.848 ng
 RT: 19.99 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	9.1	7.7	11.5

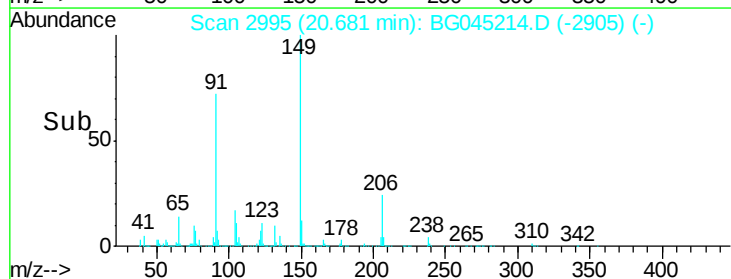
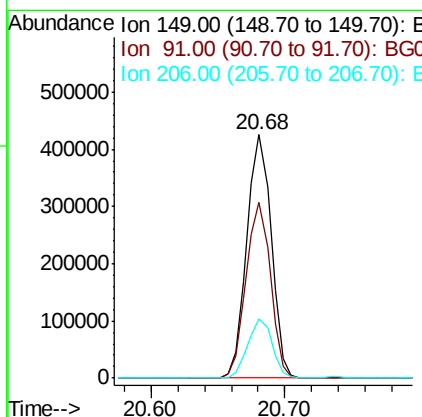
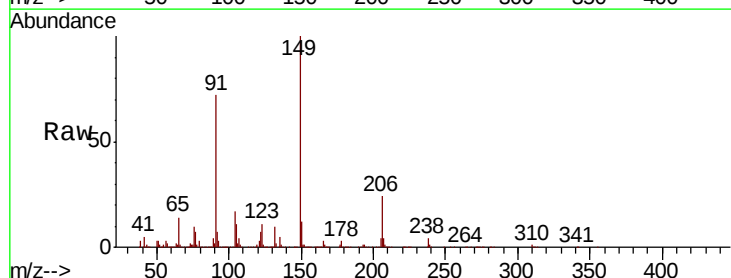
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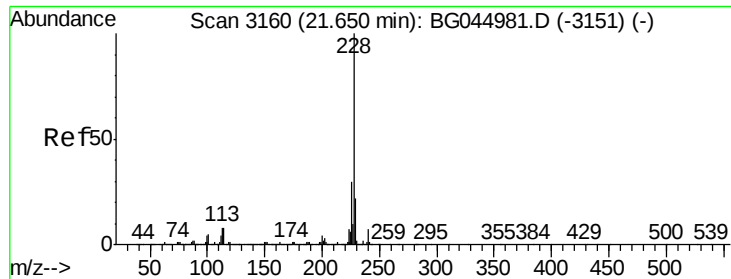
mohammad
 4/30/2020 1:37:58 PM



#80
 Butylbenzylphthalate
 Concen: 44.006 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG045214.D
 Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.3	58.5	87.7
206	24.1	19.2	28.8





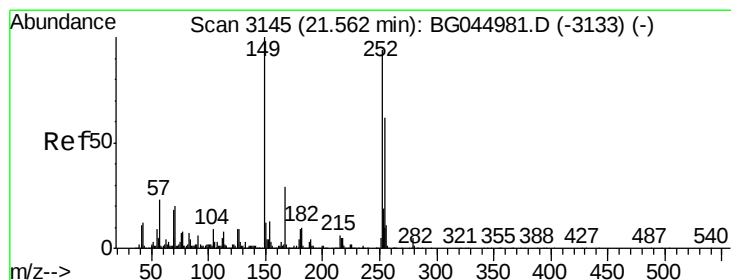
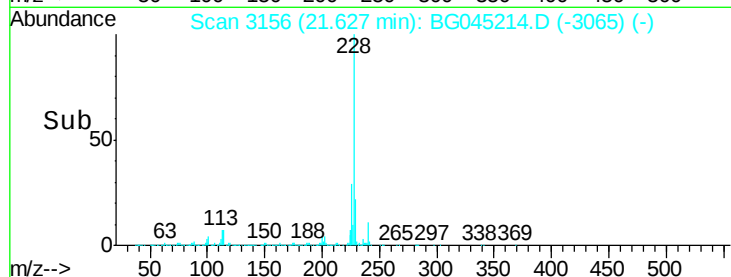
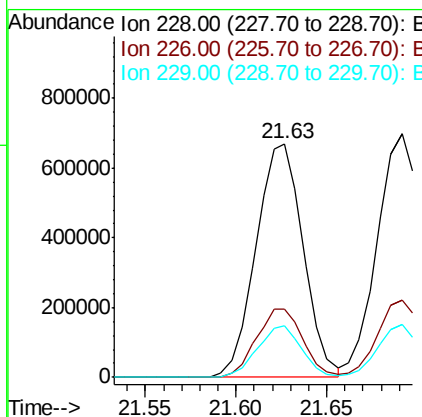
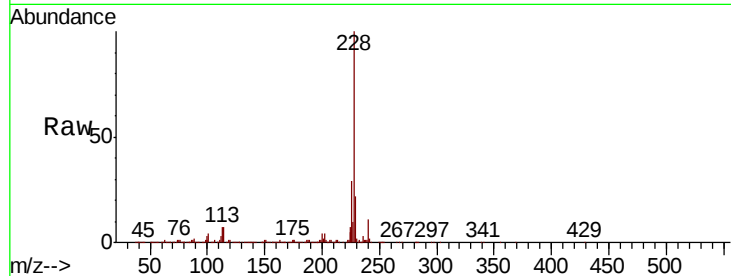
#81
Benzo(a)anthracene
Concen: 43.992 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	22.1	17.5	26.3

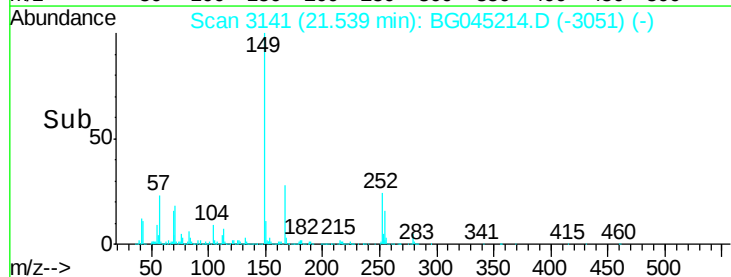
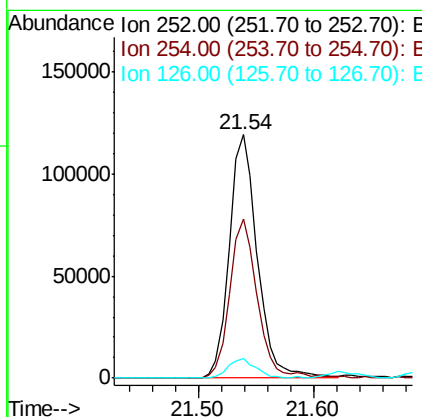
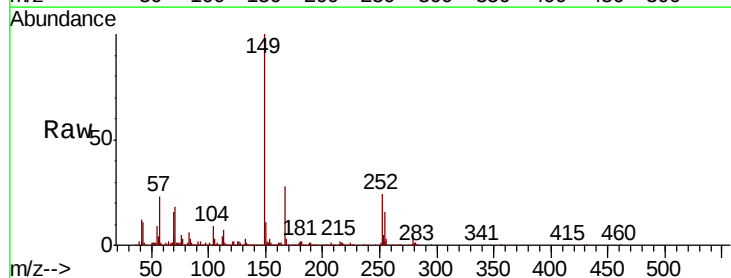
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#82
3,3'-Dichlorobenzidine
Concen: 18.226 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.6	79.0
126	7.9	7.5	11.3





#83

Chrysene

Concen: 45.482 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

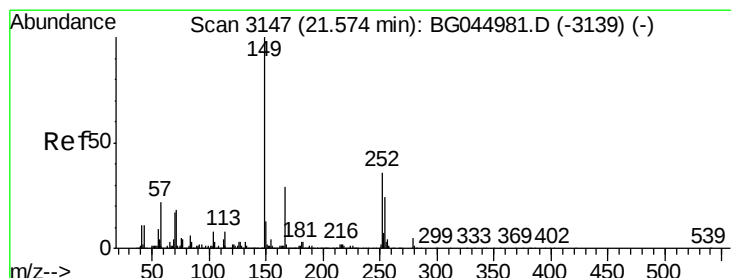
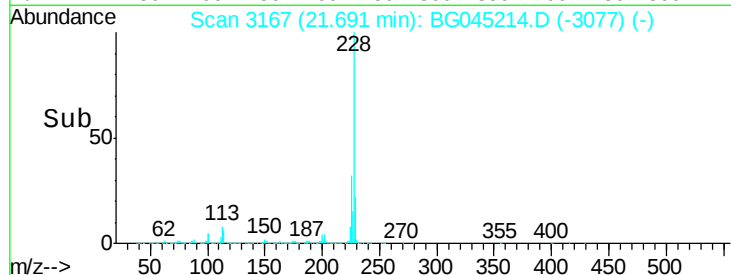
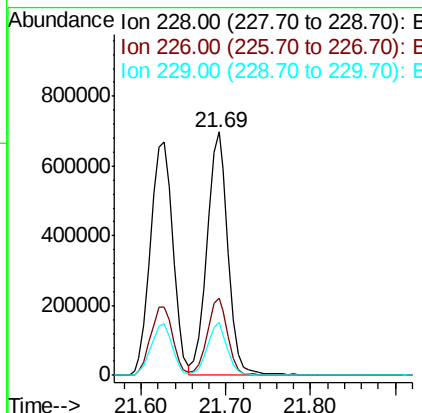
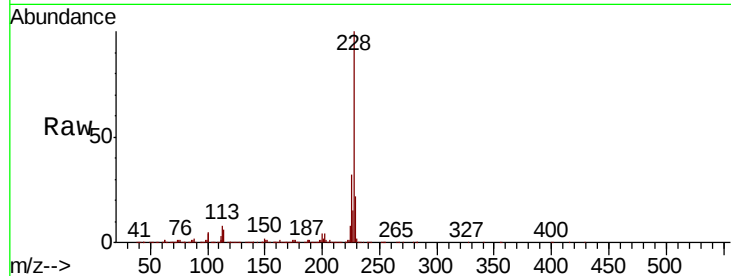
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	228	Resp:	1208861
Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	21.8	17.0	25.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.690 ng

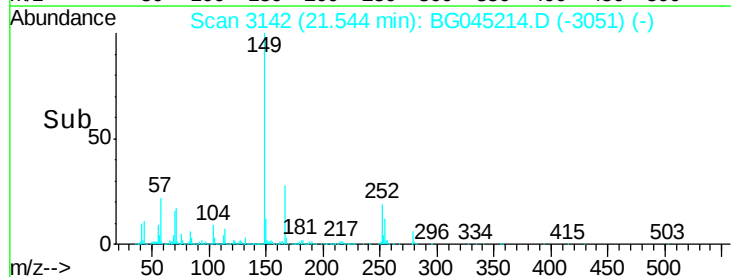
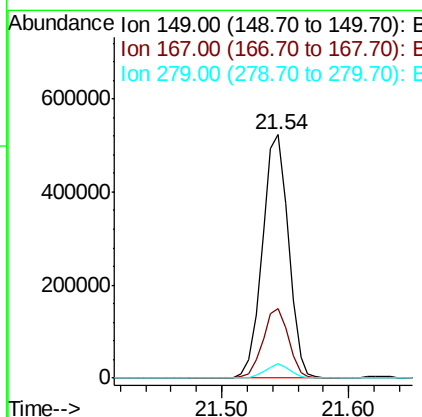
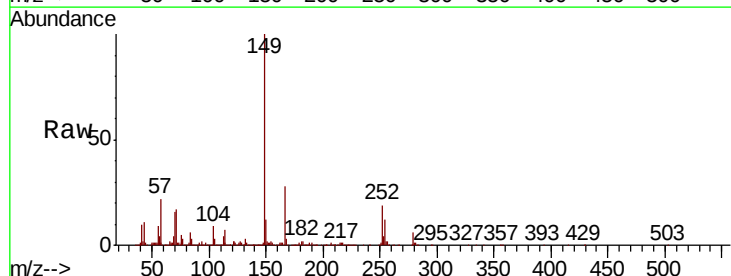
RT: 21.54 min Scan# 3142

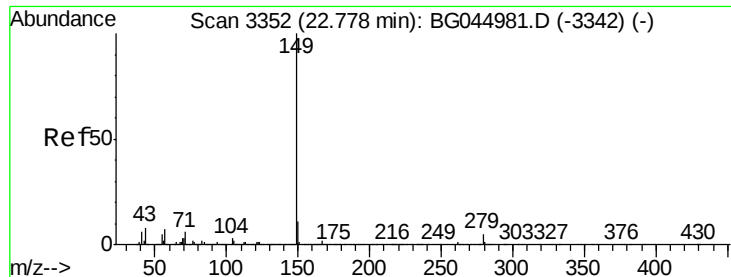
Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	149	Resp:	749655
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	6.1	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 44.009 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

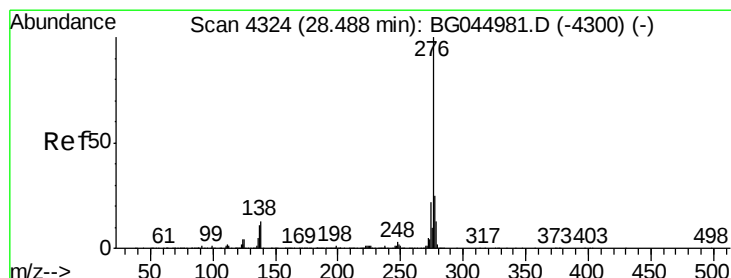
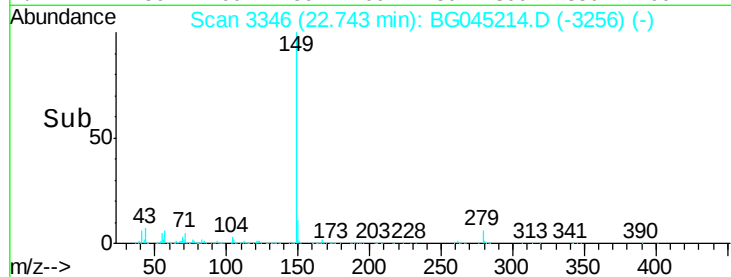
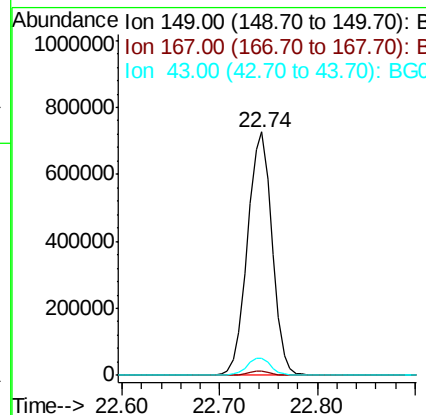
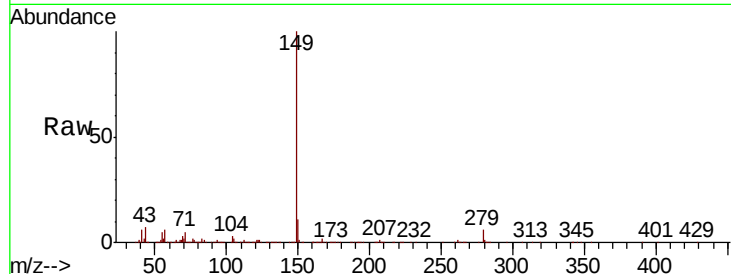
ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:	149	Resp:	1276570
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.0	5.7	8.5

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.457 ng

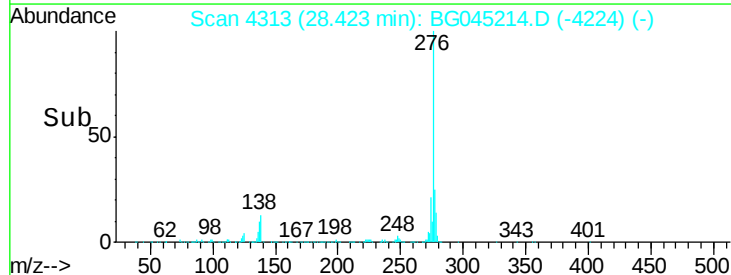
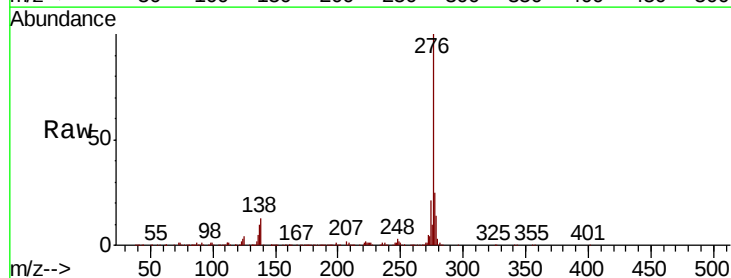
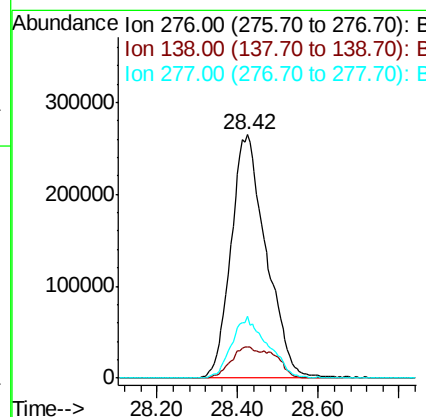
RT: 28.42 min Scan# 4313

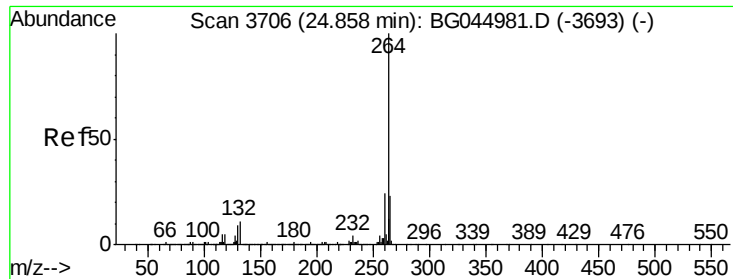
Delta R.T. -0.01 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:	276	Resp:	1604105
Ion	Ratio	Lower	Upper
276	100		
138	15.9	9.6	14.4#
277	25.5	20.6	31.0





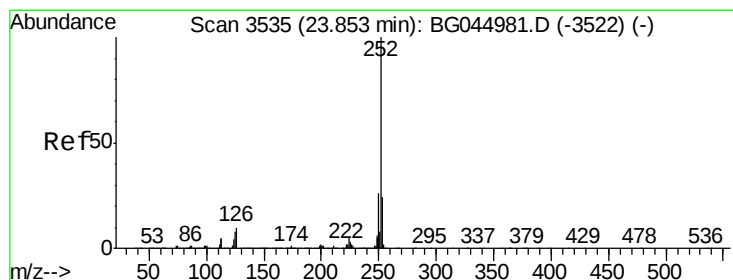
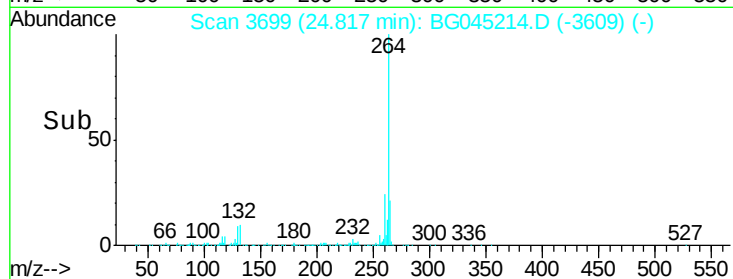
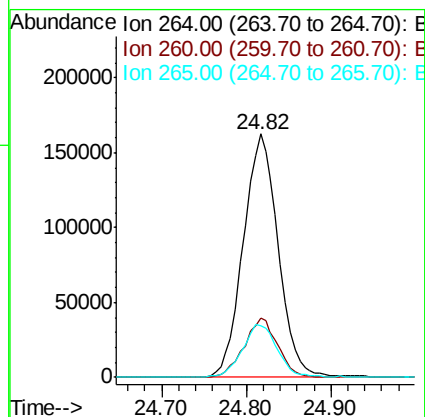
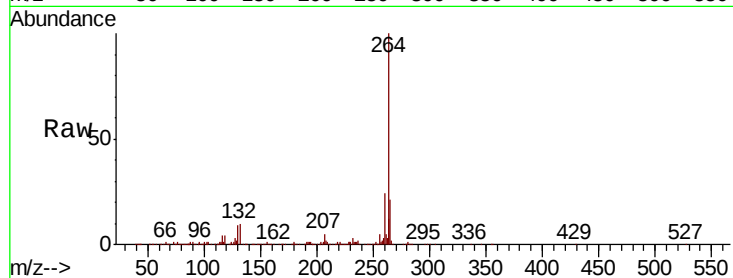
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	19.0	28.4

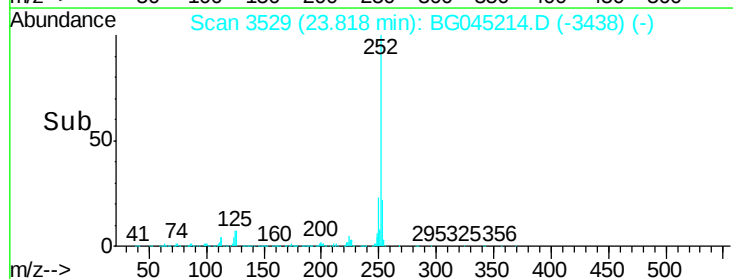
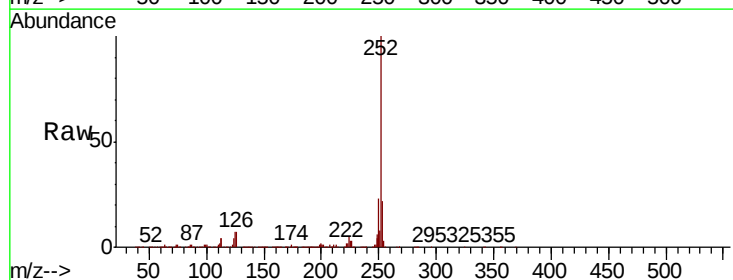
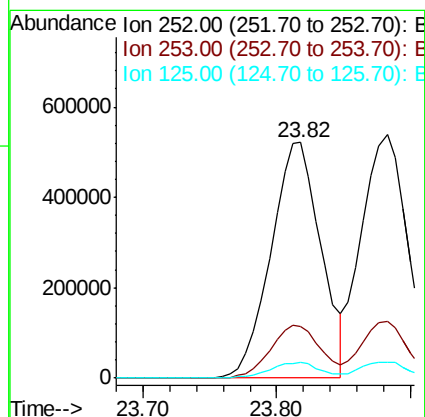
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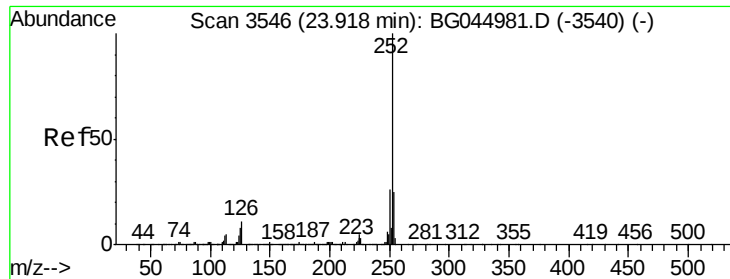
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#88
Benzo(b)fluoranthene
Concen: 46.457 ng
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.8	28.2
125	6.7	6.2	9.4





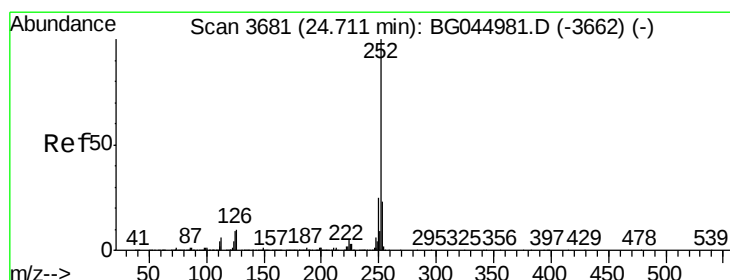
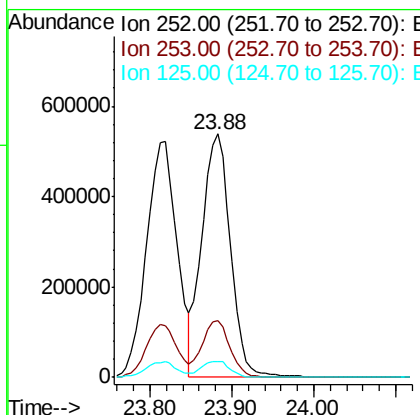
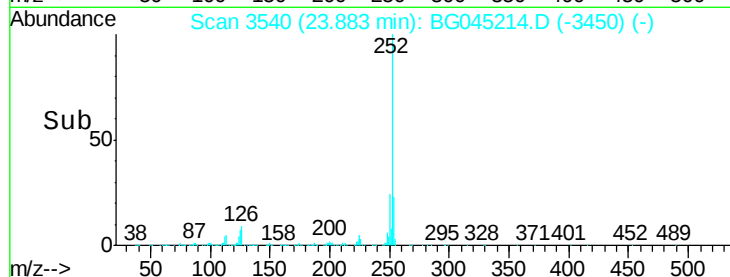
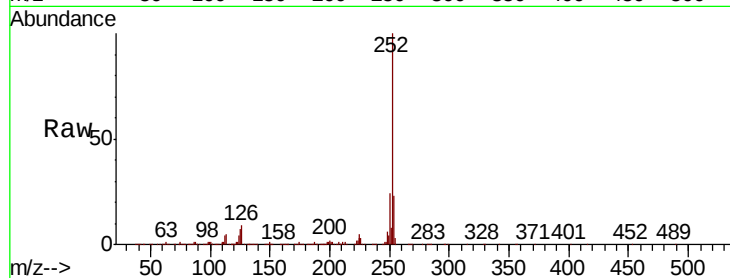
#89
Benzo(k)fluoranthene
Concen: 47.030 ng
RT: 23.88 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	6.7	5.9	8.9

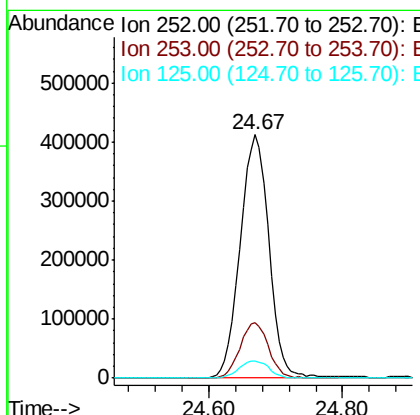
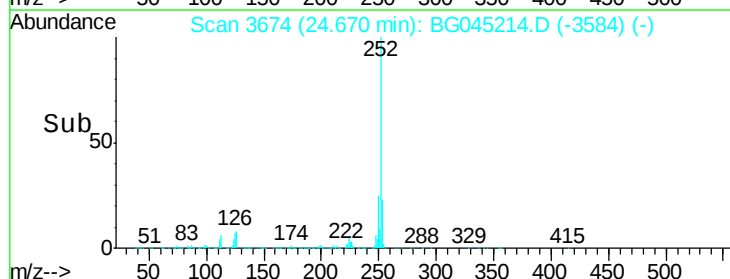
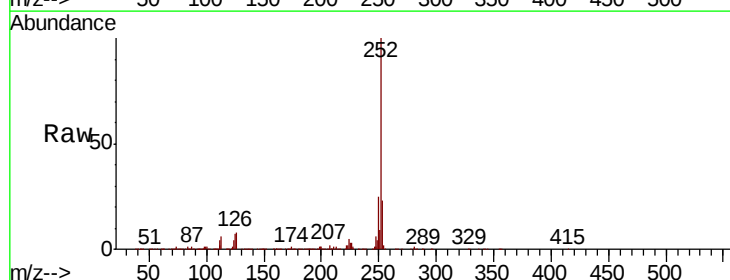
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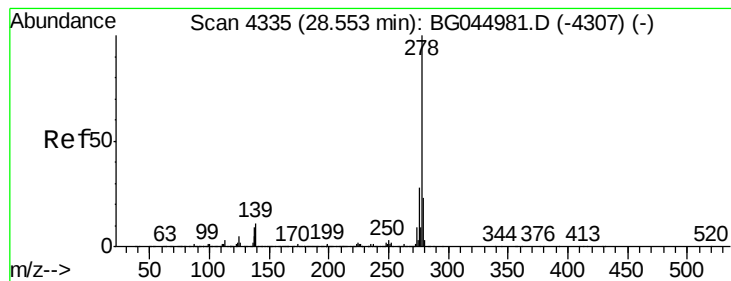
mohammad
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#90
Benzo(a)pyrene
Concen: 44.466 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045214.D
Acq: 29 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	7.1	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 47.322 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.00 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Instrument :

BNA_G

ClientSampleId :

DUCK-ISLAND-ROLLOFFMSD

Tot Ion:278 Resp: 1311737

Ion Ratio Lower Upper

278 100

139 10.1 9.0 13.6

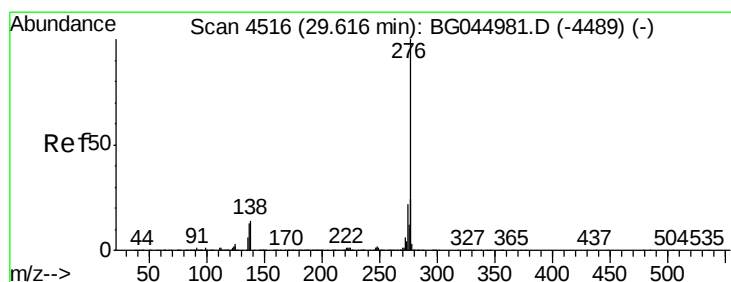
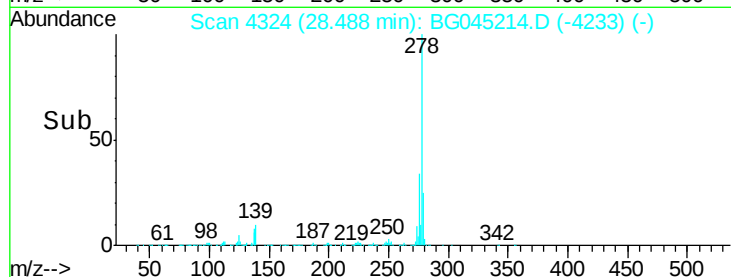
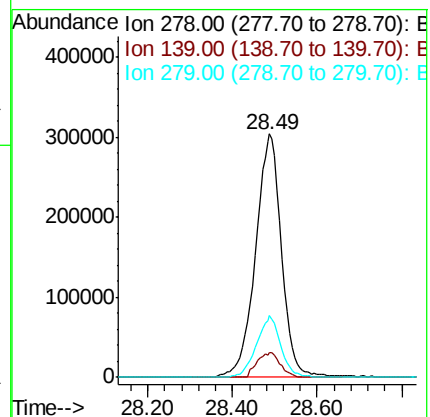
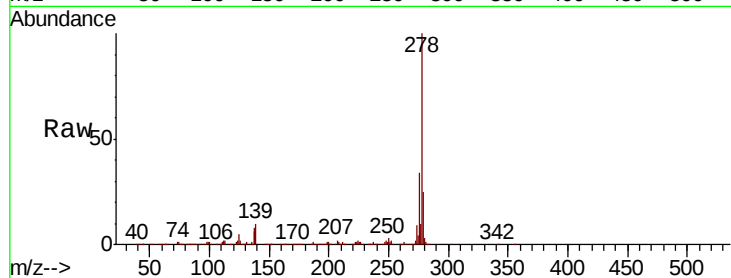
279 25.3 18.4 27.6

Manual Integrations

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#92

Benzo(g,h,i)perylene

Concen: 46.836 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.01 min

Lab File: BG045214.D

Acq: 29 Apr 2020 20:59

Tgt Ion:276 Resp: 1301602

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 12.9 11.4 17.2

