

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040915.D
 Acq On : 13 May 2019 17:32
 Operator : HP/JU
 Sample : PB119674BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BSD

Manual Integrations
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Sohil
 5/14/2019 8:04:40 PM

Quant Time: May 14 01:57:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	47878	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	207469	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	155700	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	398347	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	455455	20.00	ng	-0.04
87) Perylene-d12	25.13	264	301605	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	243218	89.55	ng	-0.02
7) Phenol-d6	7.27	99	355651	85.04	ng	-0.02
23) Nitrobenzene-d5	9.31	82	340264	75.78	ng	-0.03
42) 2,4,6-Tribromophenol	16.24	330	188127	87.90	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	803333	74.51	ng	-0.04
79) Terphenyl-d14	20.10	244	1523411	74.10	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	45418	36.769	ng	89
3) Pyridine	3.93	79	108411	30.280	ng	94
4) n-Nitrosodimethylamine	3.85	42	60762	30.597	ng	# 77
6) Aniline	7.45	93	122189	22.044	ng	97
8) 2-Chlorophenol	7.68	128	145879	43.987	ng	96
9) Benzaldehyde	7.30	77	6078	Below Cal	#	17
10) Phenol	7.29	94	198608	44.180	ng	95
11) bis(2-Chloroethyl)ether	7.55	93	128125	38.008	ng	90
12) 1,3-Dichlorobenzene	8.01	146	144941	40.041	ng	96
13) 1,4-Dichlorobenzene	8.16	146	146917	40.037	ng	96
14) 1,2-Dichlorobenzene	8.48	146	140497	39.701	ng	98
15) Benzyl Alcohol	8.36	79	161609	37.140	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	206855	30.821	ng	92
17) 2-Methylphenol	8.56	107	142438	44.773	ng	96
18) Hexachloroethane	9.22	117	56223	37.350	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	127467	33.860	ng	94
20) 3+4-Methylphenols	8.89	107	192571	43.451	ng	98
22) Acetophenone	8.96	105	238173	41.284	ng	# 92
24) Nitrobenzene	9.35	77	197304	41.185	ng	92
25) Isophorone	9.86	82	370958	37.090	ng	100
26) 2-Nitrophenol	10.06	139	86199	50.196	ng	96
27) 2,4-Dimethylphenol	10.10	122	161695	50.184	ng	99
28) bis(2-Chloroethoxy)methane	10.34	93	196997	39.258	ng	98
29) 2,4-Dichlorophenol	10.59	162	178067	48.612	ng	92
30) 1,2,4-Trichlorobenzene	10.81	180	183564	45.190	ng	99
31) Naphthalene	11.00	128	454676	41.251	ng	99
32) Benzoic acid	10.24	122	112964	51.214	ng	95
33) 4-Chloroaniline	11.11	127	100662	20.598	ng	93
34) Hexachlorobutadiene	11.27	225	133324	44.458	ng	98
35) Caprolactam	11.89	113	55562m	38.420	ng	
36) 4-Chloro-3-methylphenol	12.21	107	203818	44.108	ng	95
37) 2-Methylnaphthalene	12.59	142	348908	42.338	ng	97
38) 1-Methylnaphthalene	12.82	142	336610m	41.788	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	256461	44.216	ng	98

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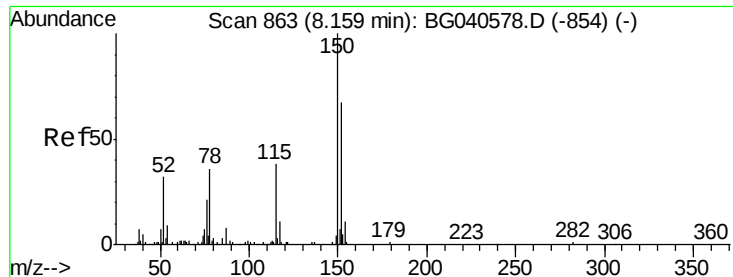
Manual Integrations
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 5/14/2019 8:04:40 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	191938	56.080	ng	98
43) 2,4,6-Trichlorophenol	13.19	196	174901	49.899	ng	94
44) 2,4,5-Trichlorophenol	13.26	196	182979	47.922	ng	98
46) 1,1'-Biphenyl	13.60	154	486874	40.275	ng	97
47) 2-Chloronaphthalene	13.65	162	399639	42.243	ng	96
48) 2-Nitroaniline	13.85	65	143066	42.483	ng	93
49) Acenaphthylene	14.49	152	624494	38.907	ng	99
50) Dimethylphthalate	14.21	163	535324	41.093	ng	98
51) 2,6-Dinitrotoluene	14.34	165	117224	46.106	ng	89
52) Acenaphthene	14.83	154	364267	38.970	ng	96
53) 3-Nitroaniline	14.67	138	79128	30.375	ng #	84
54) 2,4-Dinitrophenol	14.87	184	161169	109.555	ng #	90
55) Dibenzofuran	15.16	168	632425	41.307	ng	100
56) 4-Nitrophenol	14.96	139	188813	83.587	ng	92
57) 2,4-Dinitrotoluene	15.12	165	165230	47.826	ng #	84
58) Fluorene	15.80	166	498831	40.310	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	187768	48.857	ng	94
60) Diethylphthalate	15.56	149	539751	39.270	ng	100
61) 4-Chlorophenyl-phenylether	15.79	204	311461	43.275	ng	97
62) 4-Nitroaniline	15.83	138	116102	39.842	ng	92
63) Azobenzene	16.08	77	502354	35.490	ng	95
65) 4,6-Dinitro-2-methylphenol	15.88	198	105982	53.109	ng	81
66) n-Nitrosodiphenylamine	16.01	169	461112	39.345	ng	96
67) 4-Bromophenyl-phenylether	16.68	248	207208	41.752	ng	92
68) Hexachlorobenzene	16.79	284	216895	42.266	ng	97
69) Atrazine	16.95	200	163382	35.186	ng	99
70) Pentachlorophenol	17.14	266	284357	94.696	ng	98
71) Phenanthrene	17.55	178	864043	40.270	ng	99
72) Anthracene	17.64	178	864739	40.096	ng	98
73) Carbazole	17.91	167	775851	39.485	ng	98
74) Di-n-butylphthalate	18.44	149	924659	38.989	ng	99
75) Fluoranthene	19.55	202	1137207	42.532	ng	98
77) Benzidine	19.73	184	161720	12.968	ng	97
78) Pyrene	19.91	202	1144487	40.093	ng	99
80) Butylbenzylphthalate	20.78	149	431712	38.803	ng	91
81) Benzo(a)anthracene	21.77	228	1112663	38.654	ng	100
82) 3,3'-Dichlorobenzidine	21.68	252	324782	31.656	ng	98
83) Chrysene	21.84	228	1086974	39.706	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	606415	37.759	ng	96
85) Di-n-octyl phthalate	22.88	149	1021503	37.767	ng #	94
86) Indeno(1,2,3-cd)pyrene	28.97	276	1327333	40.103	ng #	93
88) Benzo(b)fluoranthene	24.06	252	1159987	62.938	ng #	98
89) Benzo(k)fluoranthene	24.13	252	1088489	63.239	ng #	97
90) Benzo(a)pyrene	24.97	252	1090318	62.496	ng	99
91) Dibenzo(a,h)anthracene	29.05	278	1102721	62.460	ng	98
92) Benzo(g,h,i)perylene	30.19	276	1106167	62.955	ng	97

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



#1

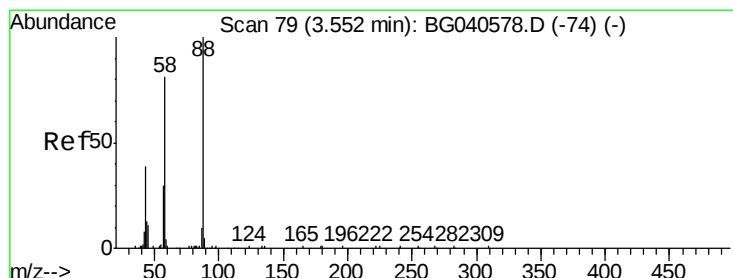
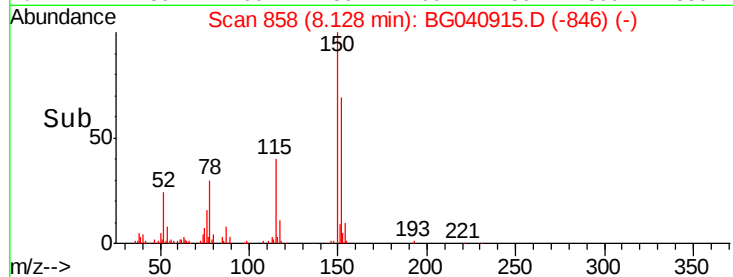
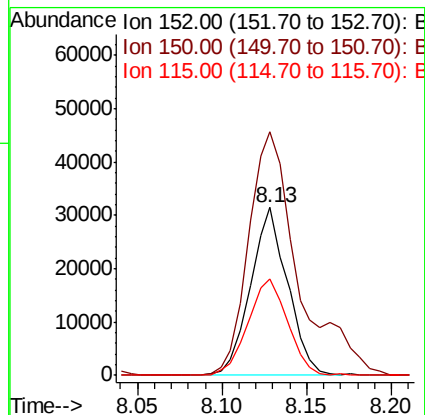
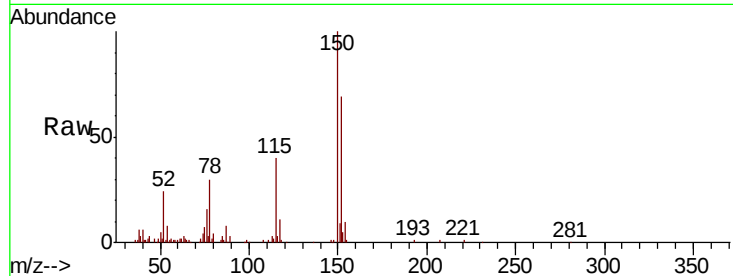
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	120.2	180.2
115	57.5	46.2	69.2

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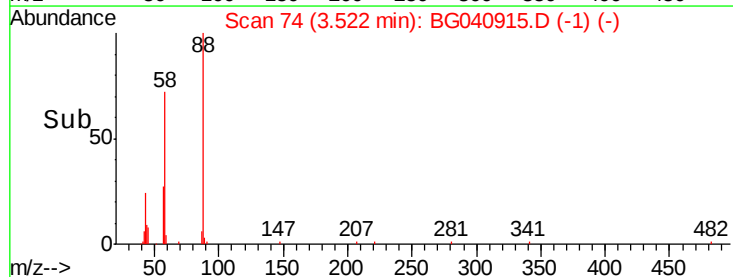
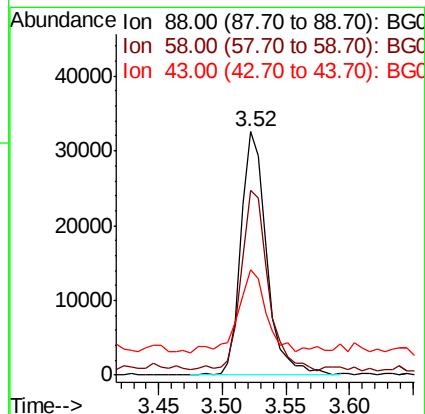
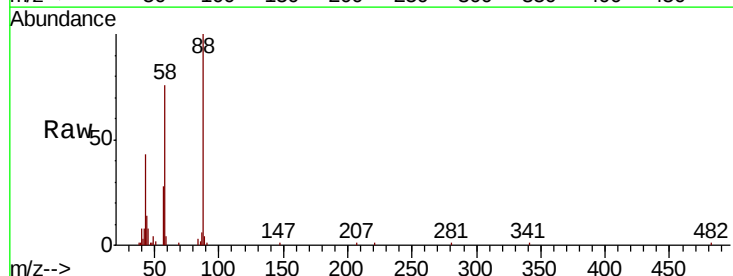
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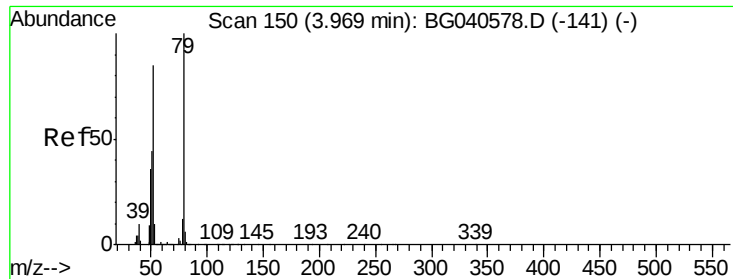


#2

1,4-Dioxane
Concen: 36.769 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	71.2	106.8
43	37.1	35.6	53.4





#3

Pvridine

Concen: 30.280 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

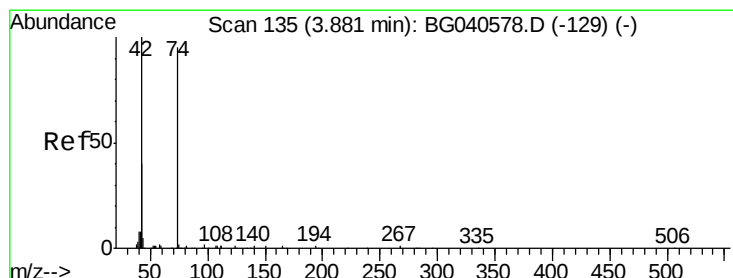
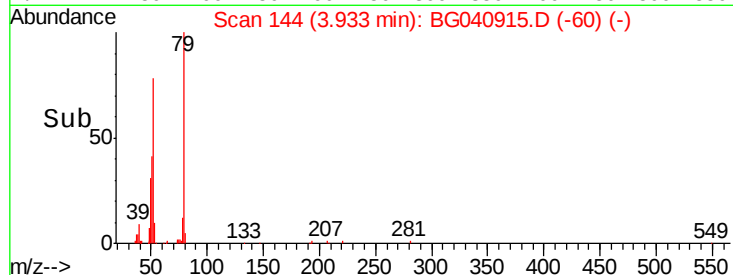
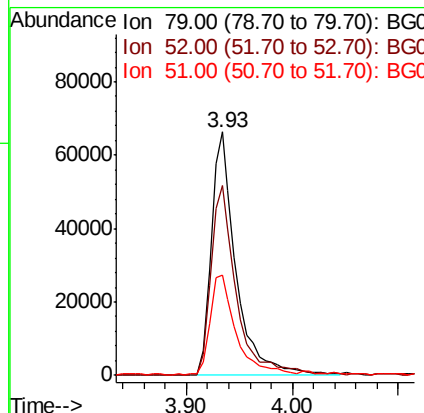
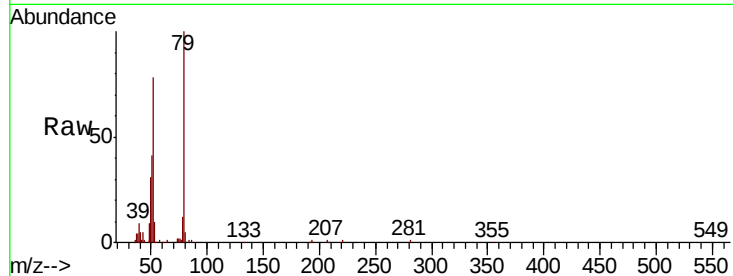
ClientSampleId :

PB119674BSD

Tot Ion:	79	Resp:	108411
Ion Ratio	Lower	Upper	
79	100		
52	78.2	67.5	101.3
51	41.2	35.6	53.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.597 ng

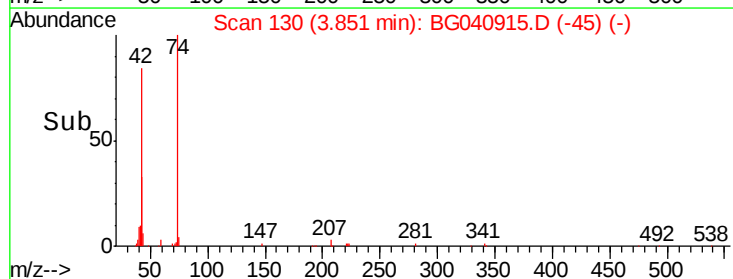
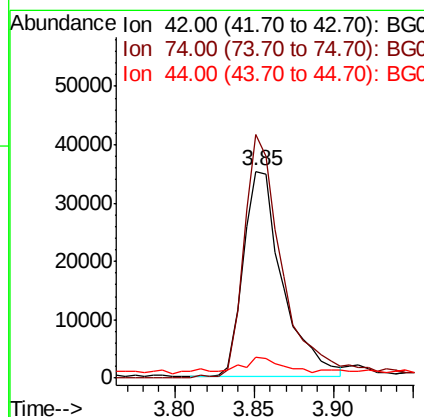
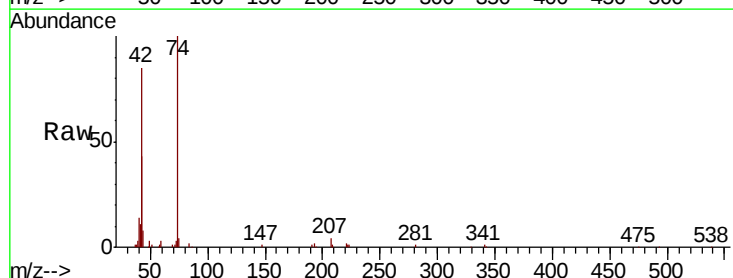
RT: 3.85 min Scan# 130

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	42	Resp:	60762
Ion Ratio	Lower	Upper	
42	100		
74	117.6	74.6	111.8#
44	9.9	7.4	11.0





#5

2-Fluorophenol

Concen: 89.548 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.02 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

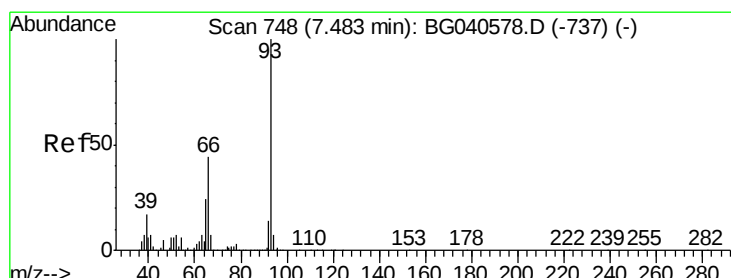
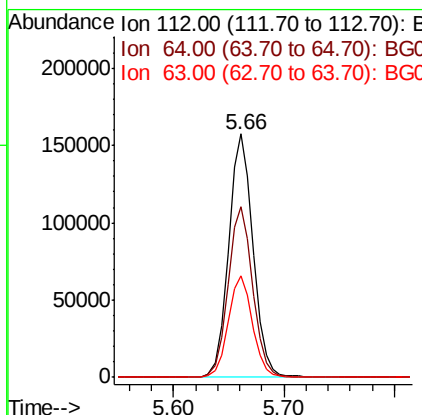
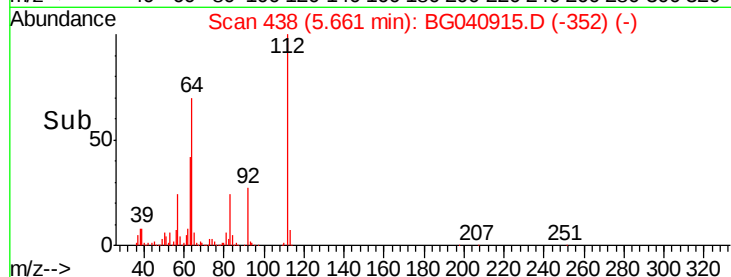
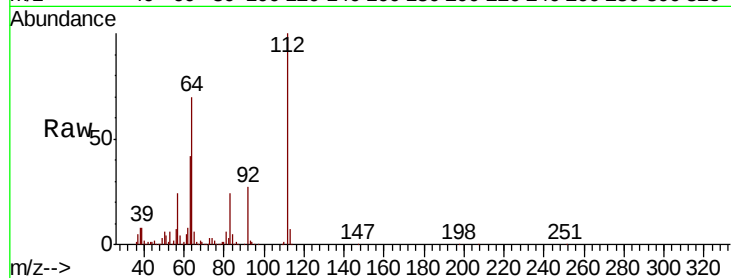
ClientSampleId :

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Tot Ion:	112	Resp:	243218
Ion Ratio	Lower	Upper	
112	100		
64	70.0	61.4	92.0
63	41.6	37.8	56.6

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#6

Aniline

Concen: 22.044 ng

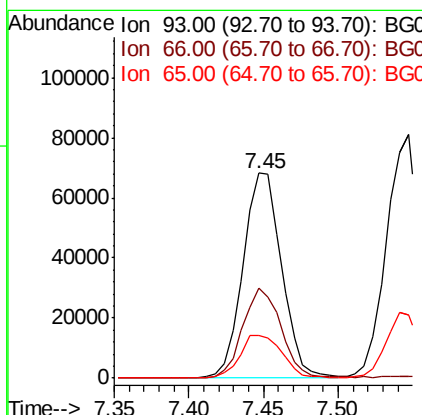
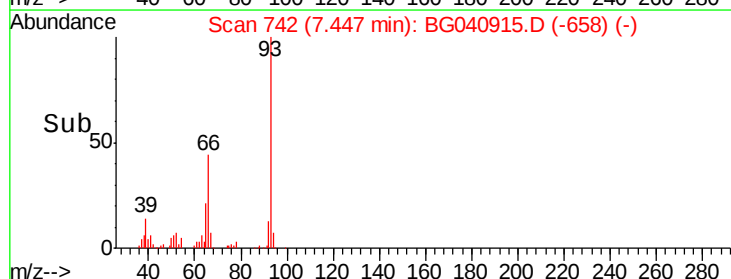
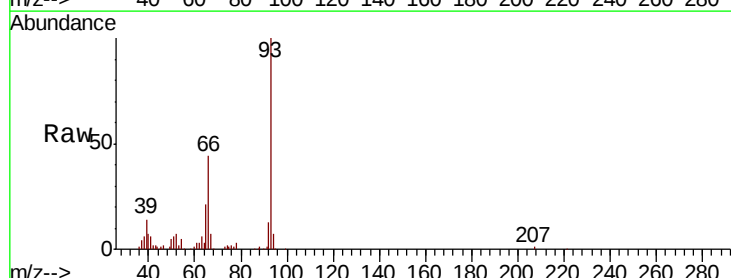
RT: 7.45 min Scan# 742

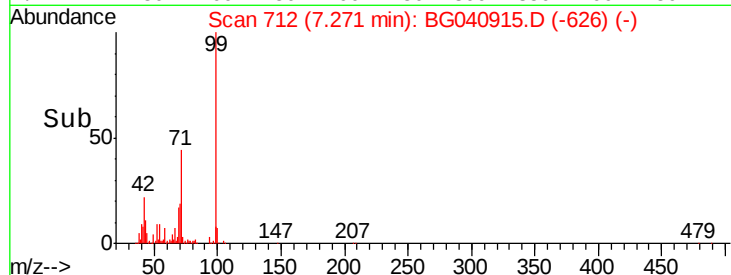
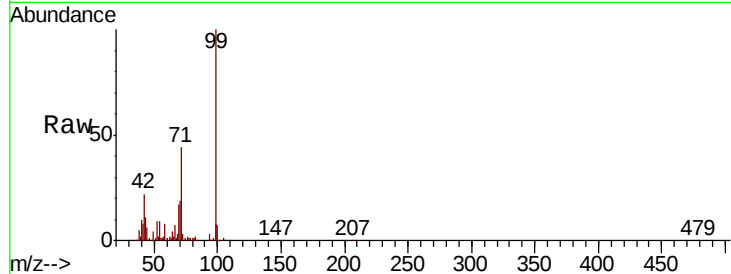
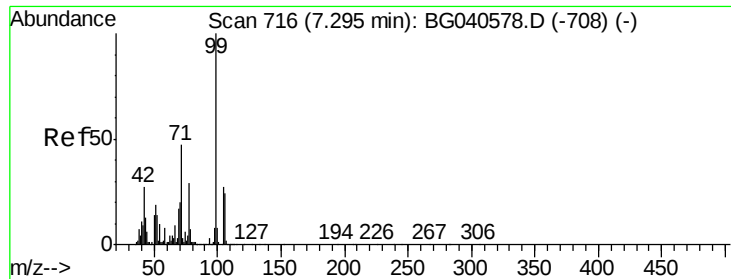
Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	93	Resp:	122189
Ion Ratio	Lower	Upper	
93	100		
66	44.0	35.5	53.3
65	20.6	19.2	28.8





#7

Phenol-d6

Concen: 85.044 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		355651		
42	22.2	21.8	32.8		
71	44.1	38.6	57.8		

Instrument :

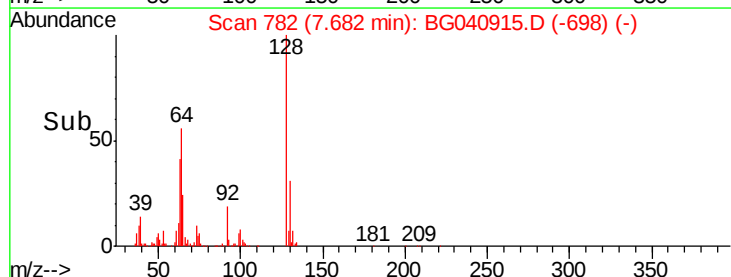
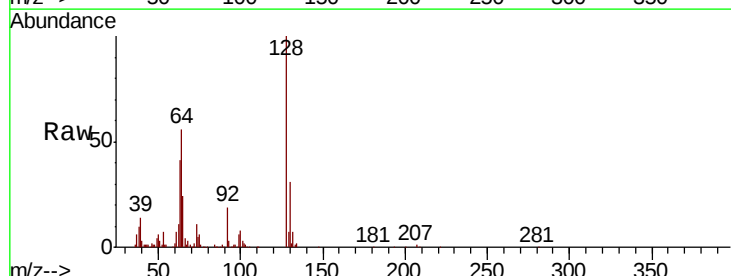
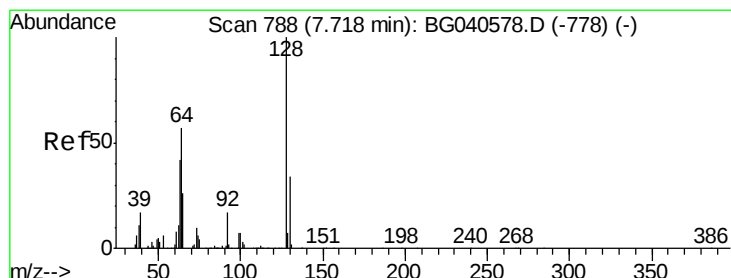
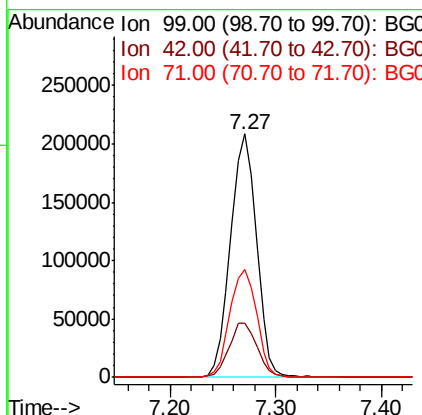
BNA_G

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#8

2-Chlorophenol

Concen: 43.987 ng

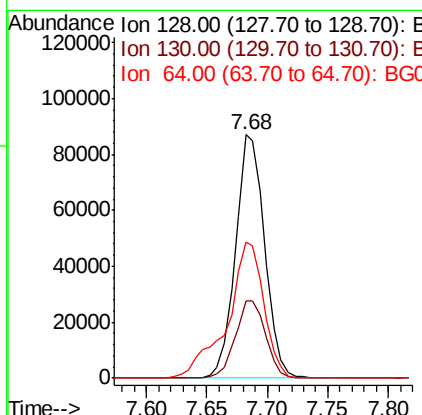
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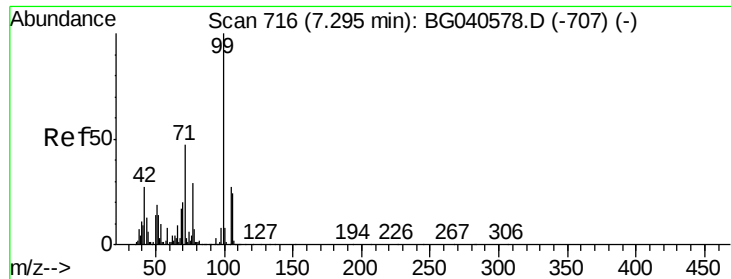
Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		145879		
130	31.5	14.5	54.5		
64	55.8	38.4	78.4		





#9

Benzaldehyde

Concen: Below Cal

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB119674BSD

Tot Ion: 77 Resp: 6078

Ion Ratio Lower Upper

77 100

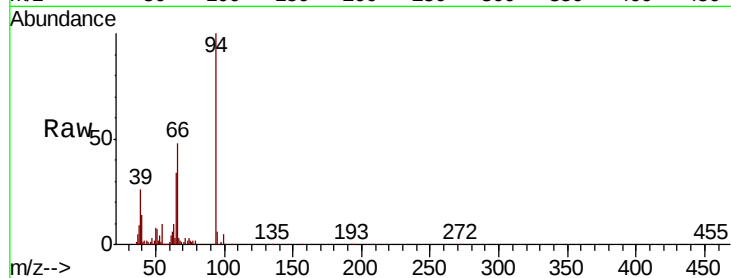
105 10.4 72.0 112.0#

106 10.0 61.2 101.2#

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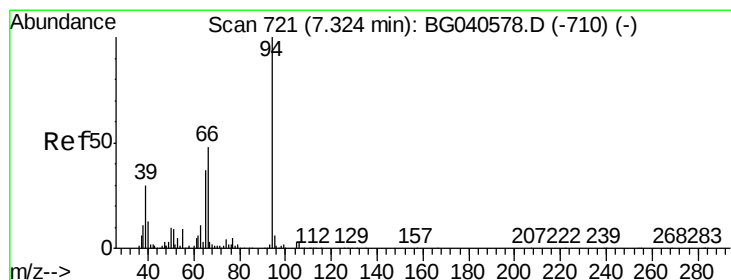
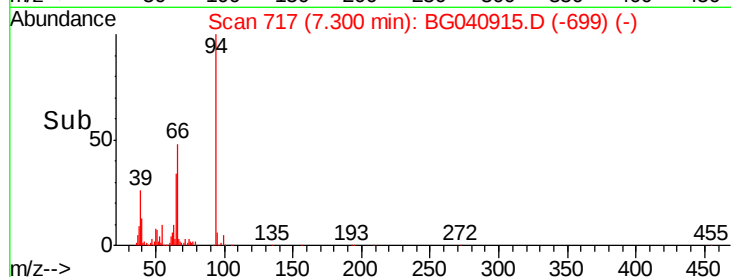
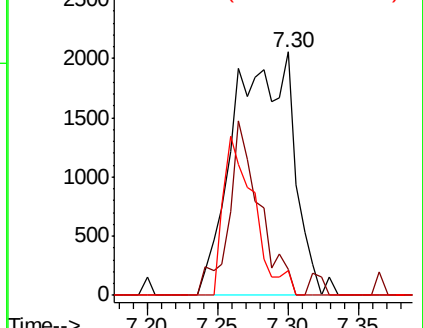
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.180 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

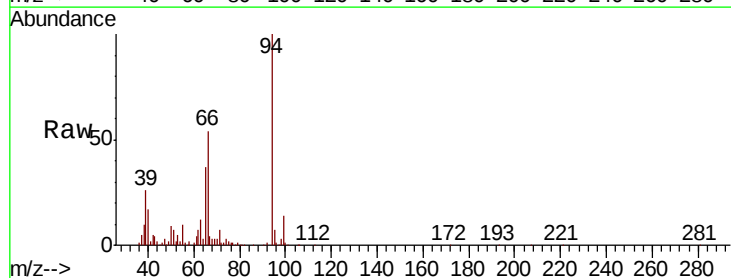
Tgt Ion: 94 Resp: 198608

Ion Ratio Lower Upper

94 100

65 37.2 17.0 57.0

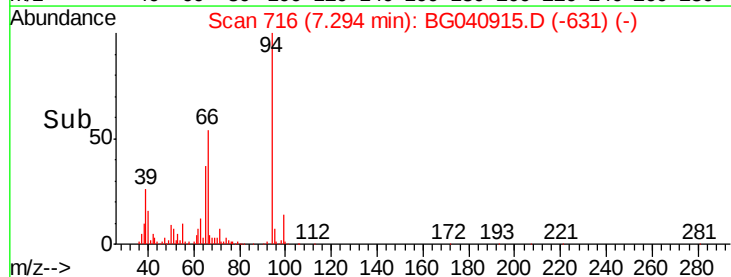
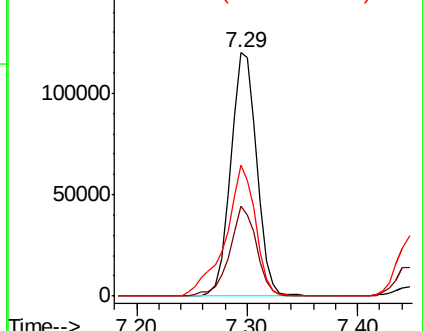
66 54.0 28.6 68.6

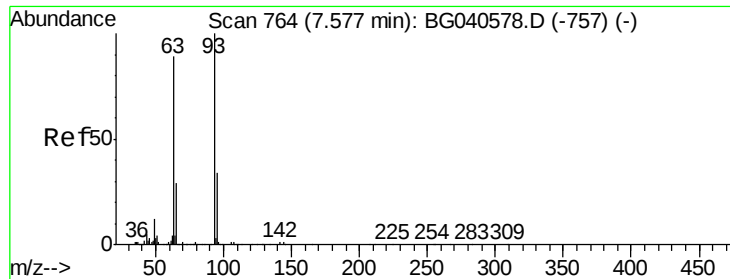


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





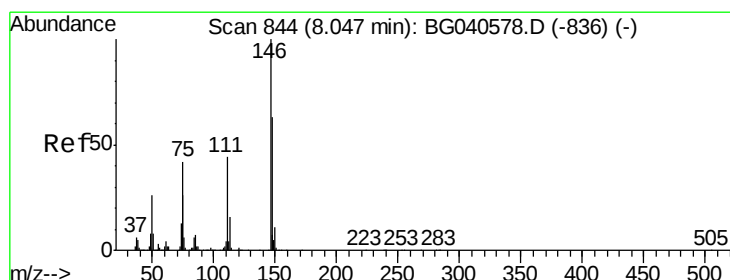
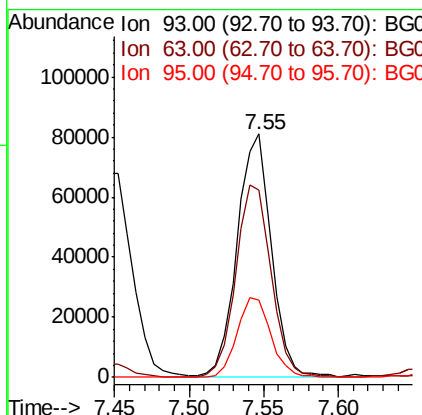
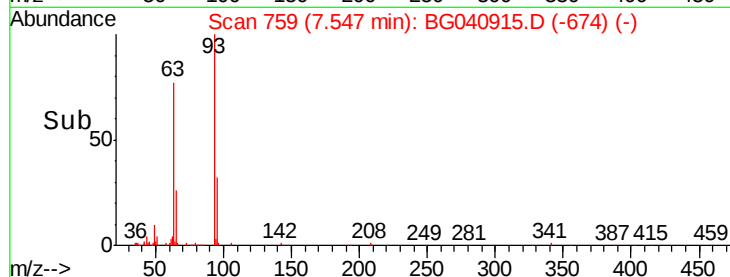
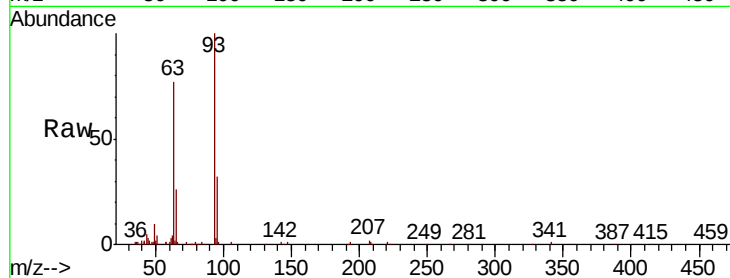
#11
 bis(2-Chloroethyl)ether
 Concen: 38.008 ng
 RT: 7.55 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleID :
 PB119674BSD

Tot Ion:	93	Resp:	128125
Ion Ratio	Lower	Upper	
93	100		
63	76.8	68.2	108.2
95	31.9	14.3	54.3

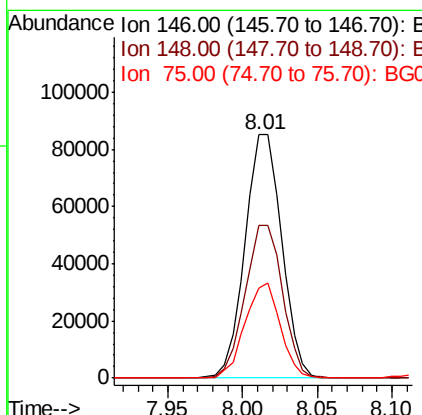
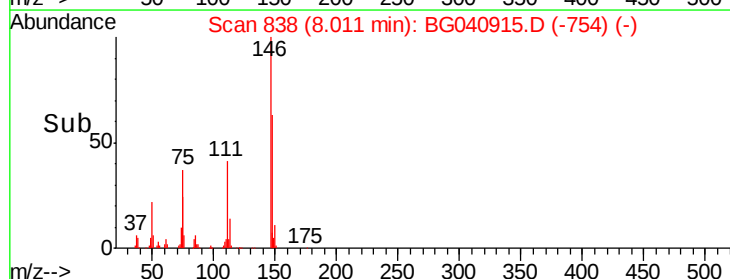
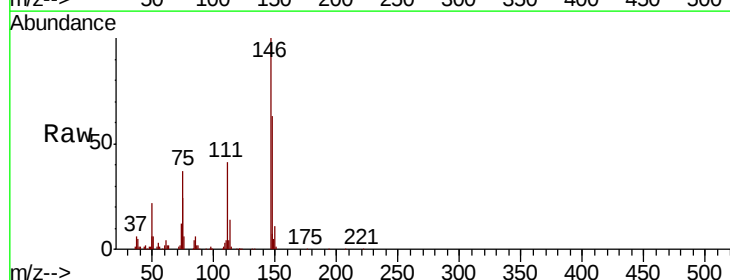
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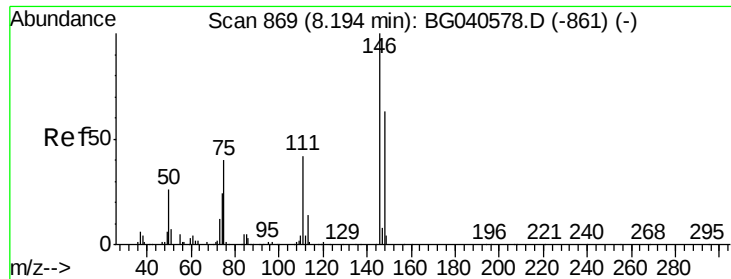
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 40.041 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.04 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion:	146	Resp:	144941
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.7	76.1
75	37.0	33.4	50.2





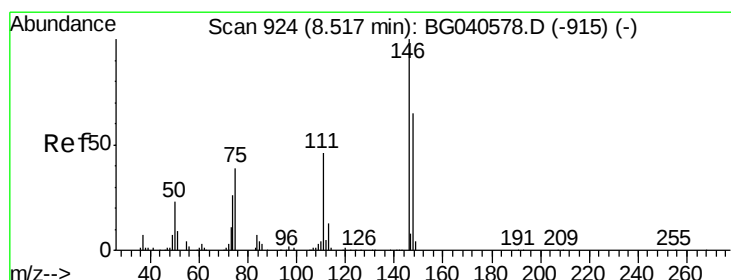
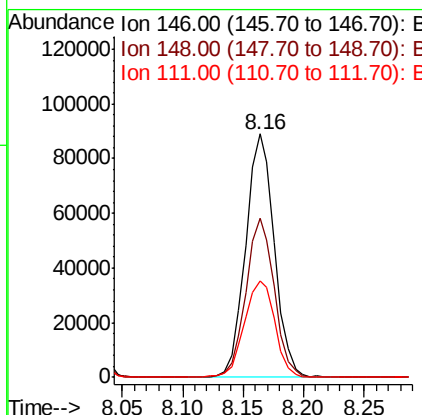
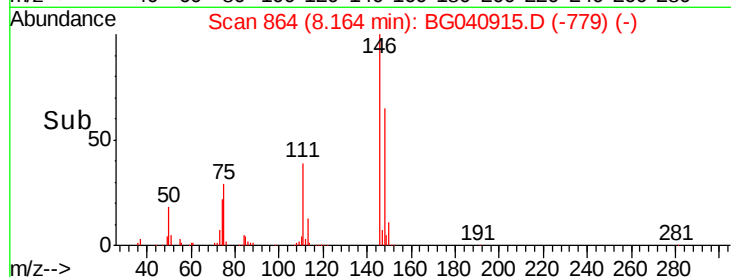
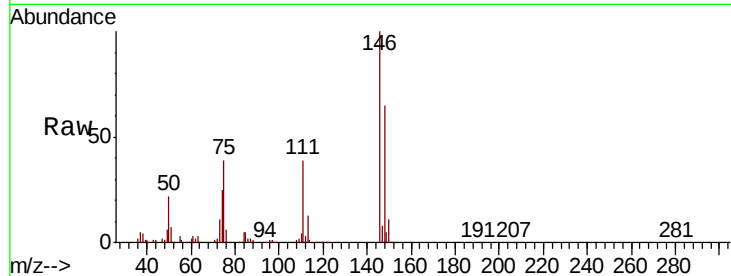
#13
 1,4-Dichlorobenzene
 Concen: 40.037 ng
 RT: 8.16 min Scan# 864
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	75.8
111	39.5	34.3	51.5

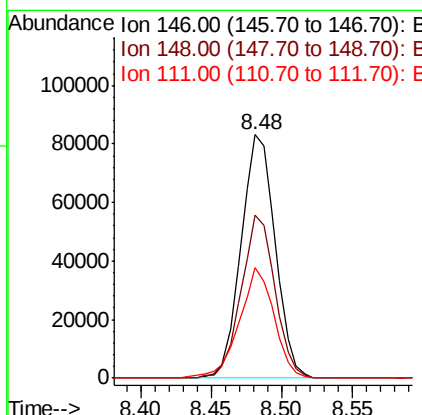
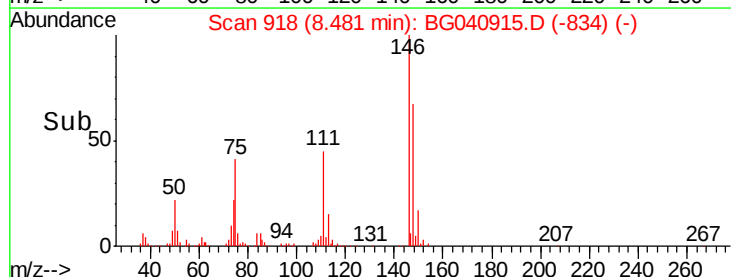
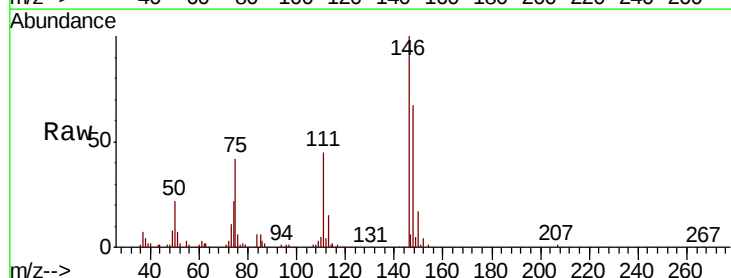
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#14
 1,2-Dichlorobenzene
 Concen: 39.701 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.04 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.2	78.4
111	45.5	37.4	56.0





#15

Benzyl Alcohol

Concen: 37.140 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

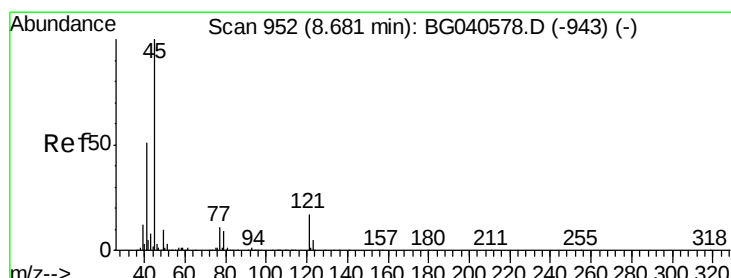
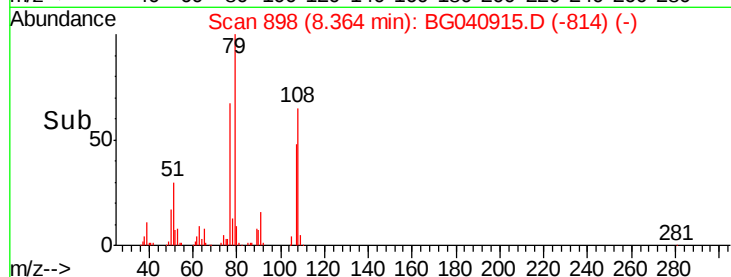
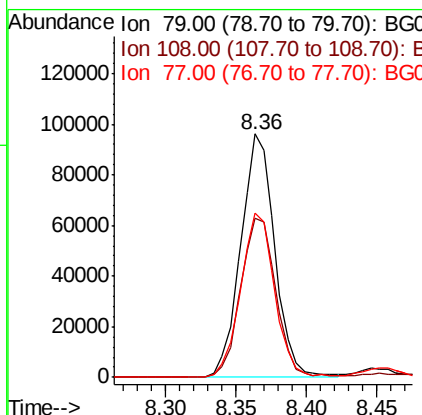
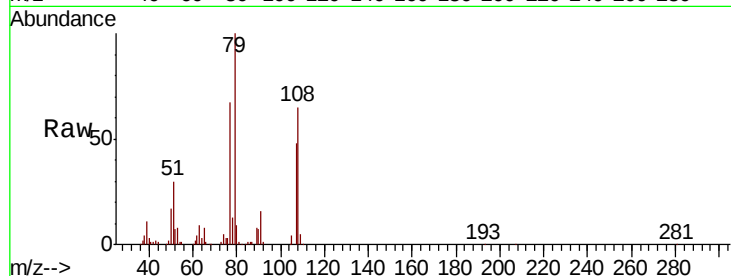
ClientSampleId :

PB119674BSD

Tot Ion:	79	Resp:	161609
Ion Ratio	Lower	Upper	
79	100		
108	65.2	51.4	77.0
77	67.5	52.6	79.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.821 ng

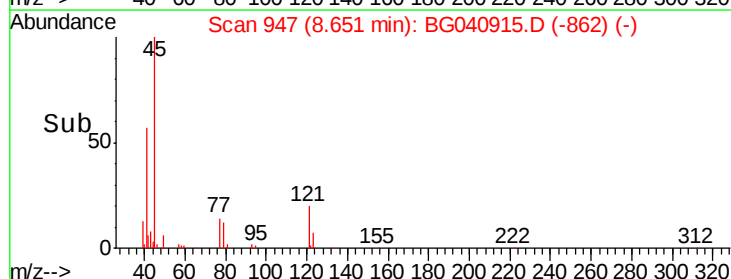
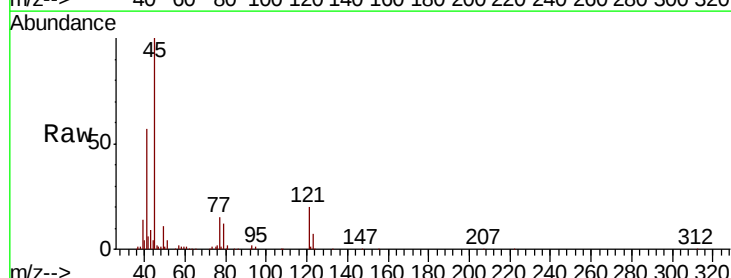
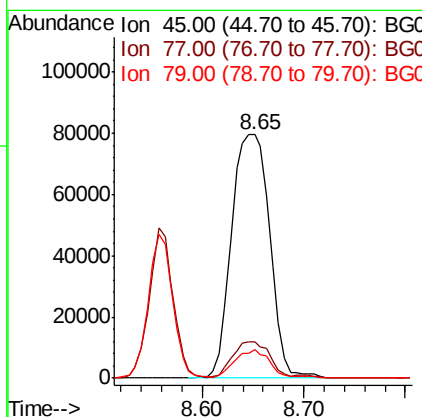
RT: 8.65 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	45	Resp:	206855
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	31.5
79	11.8	0.0	29.4





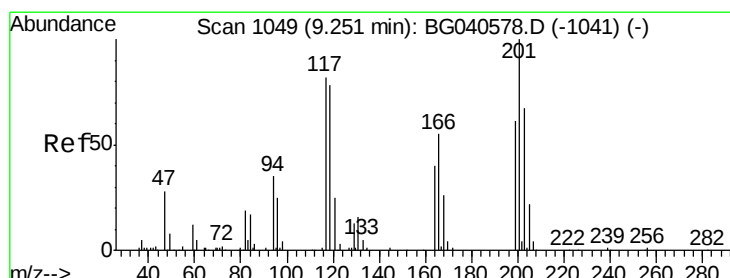
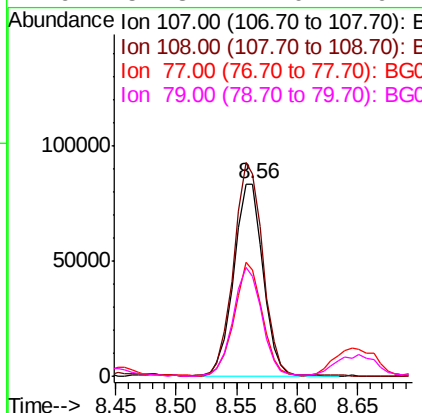
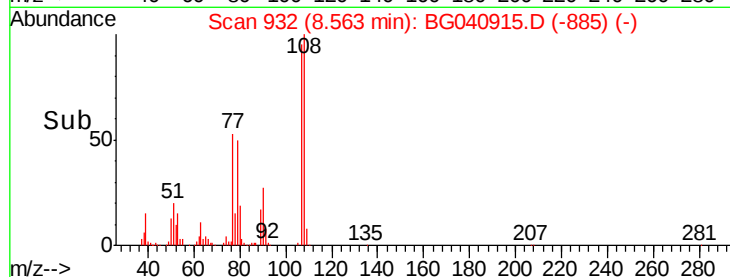
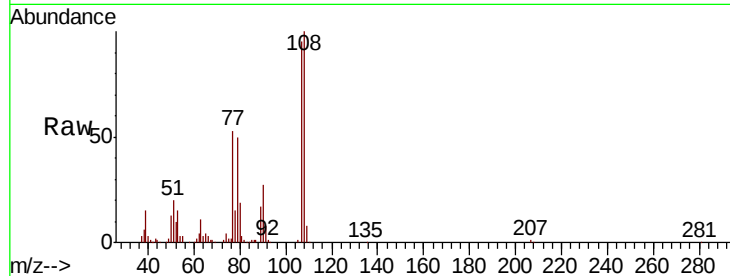
#17
2-Methylphenol
Concen: 44.773 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampled :
PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.9	81.2	121.8	
77	55.5	44.4	66.6	
79	52.3	47.0	70.4	

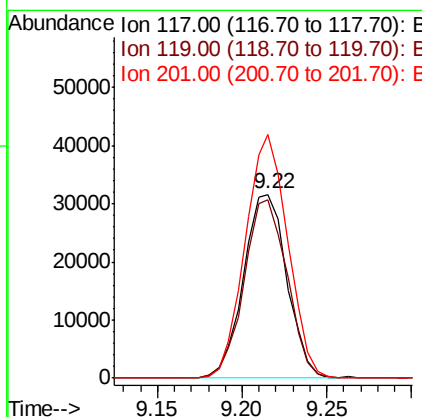
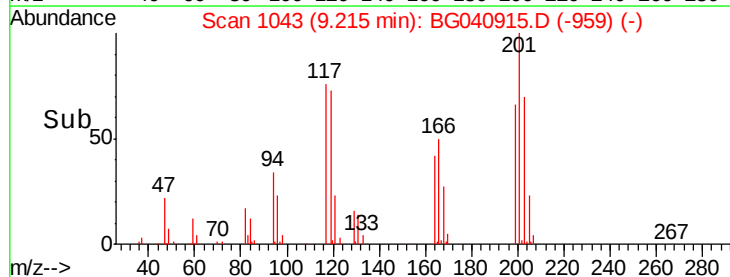
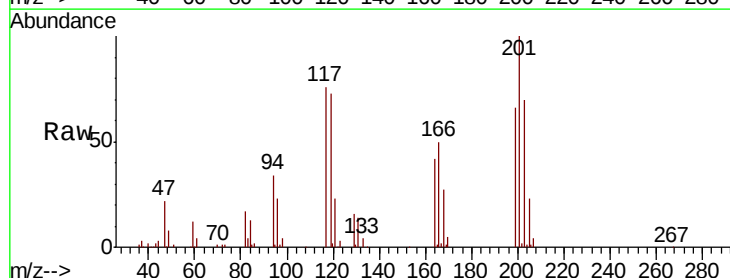
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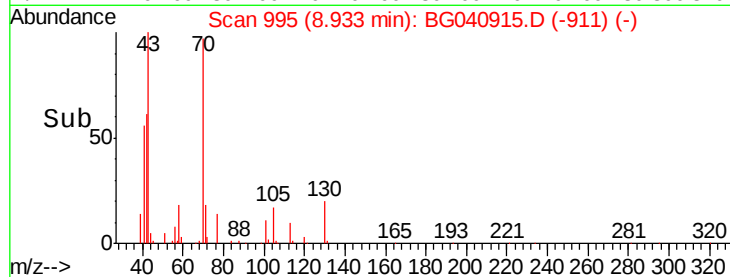
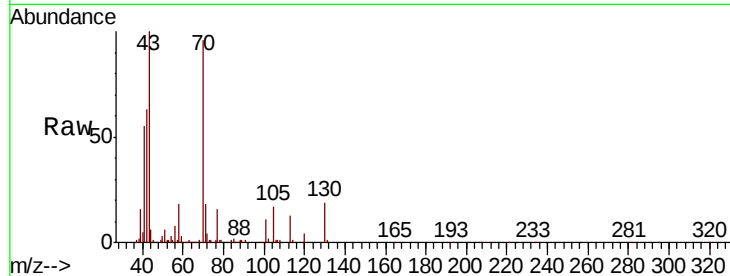
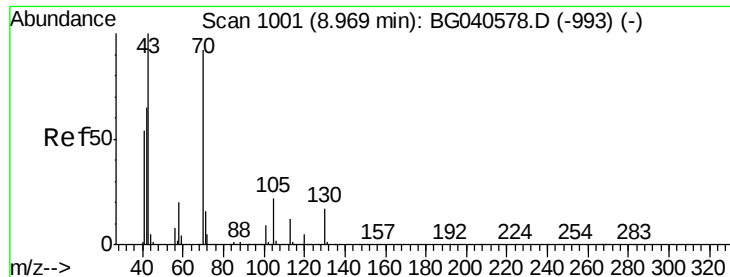
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#18
Hexachloroethane
Concen: 37.350 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	76.6	114.8	
201	132.4	101.0	151.6	





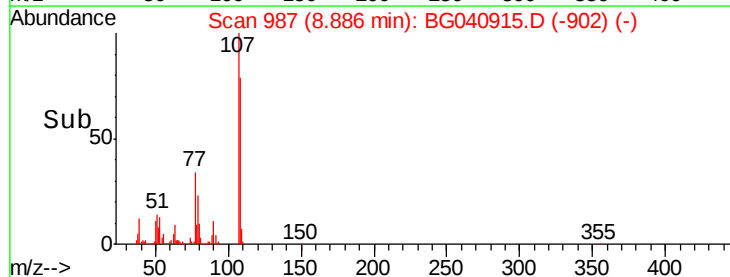
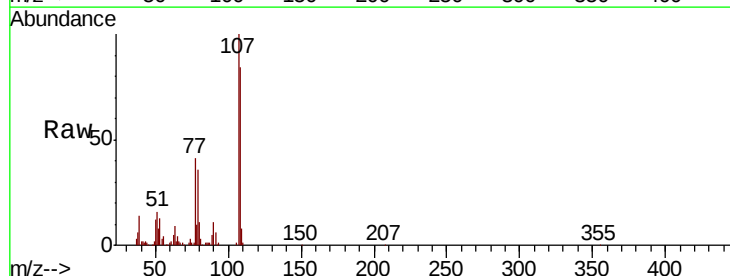
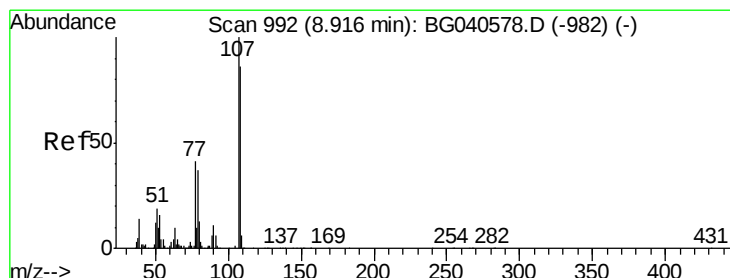
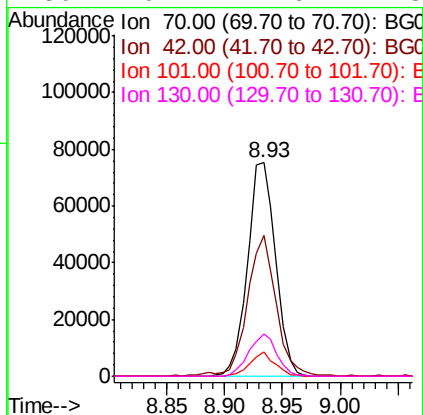
#19
n-Nitroso-di-n-propylamine
Concen: 33.860 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Manual Integrations
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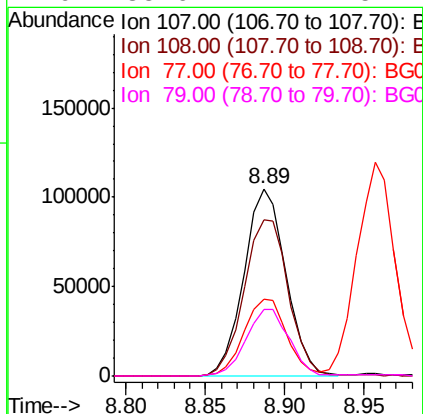
Sohil
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Tot Ion	Ratio	Lower	Upper
70	100		
42	65.8	57.1	85.7
101	11.5	7.8	11.8
130	20.1	14.6	21.8



#20
3+4-Methylphenols
Concen: 43.451 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.5	66.1	106.1
77	41.1	21.6	61.6
79	35.6	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

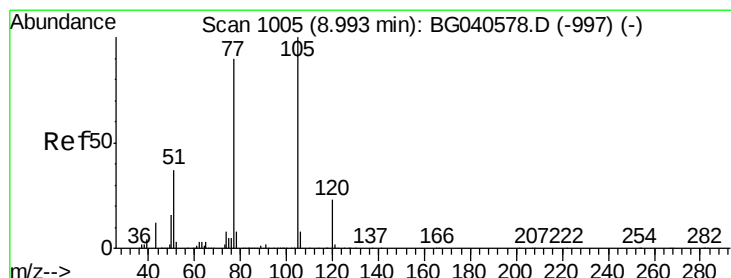
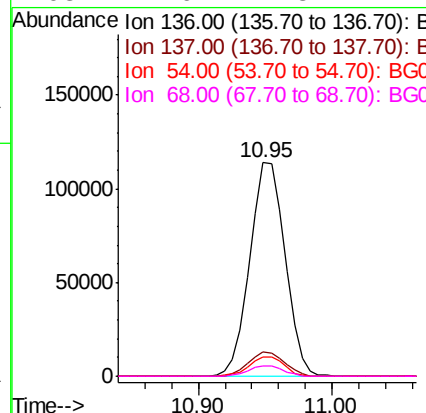
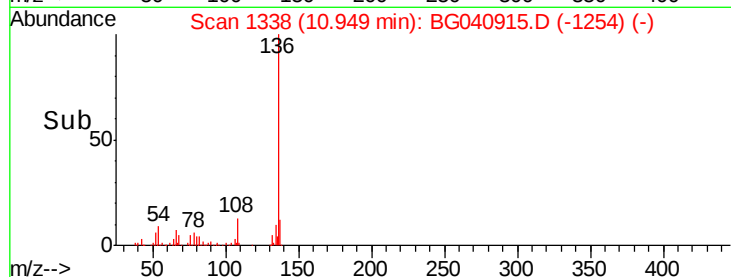
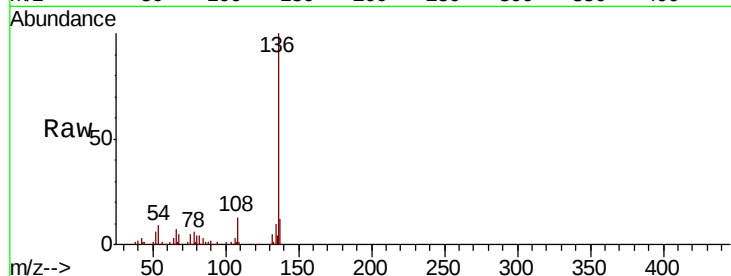
ClientSampleId :

PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	207469		
137	11.6		9.7	14.5
54	8.9		8.6	12.8
68	4.6		4.8	7.2#

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#22

Acetophenone

Concen: 41.284 ng

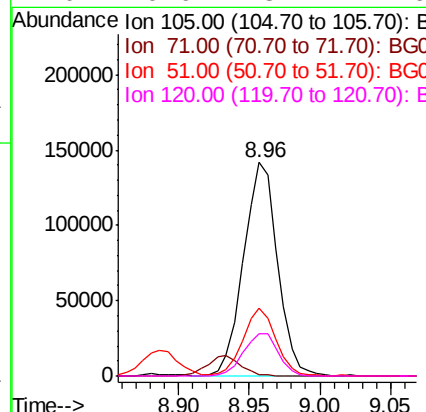
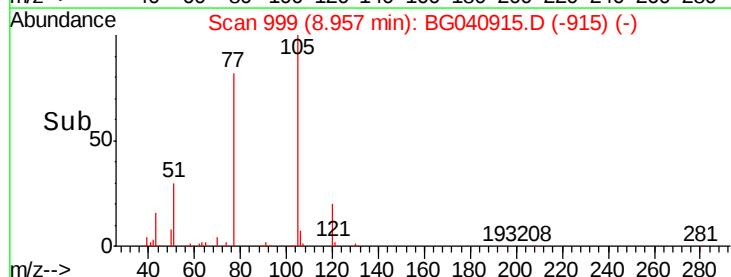
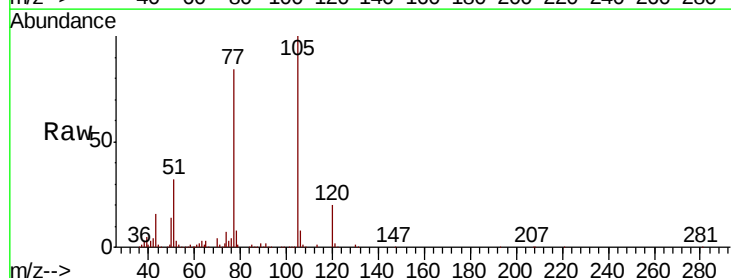
RT: 8.96 min Scan# 999

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	238173		
71	0.6		1.8	2.8#
51	32.0		29.8	44.8
120	19.9		18.4	27.6





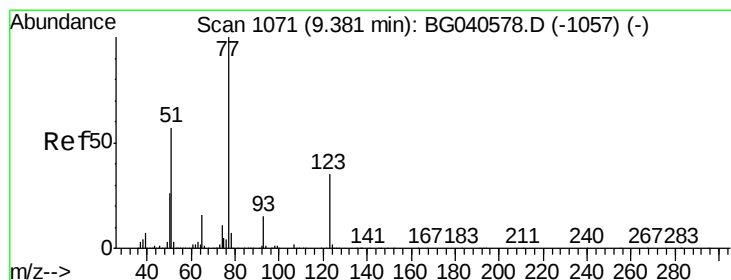
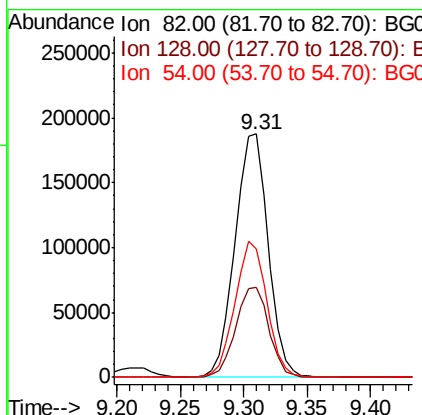
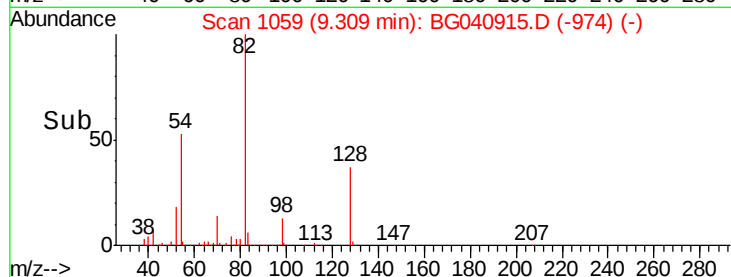
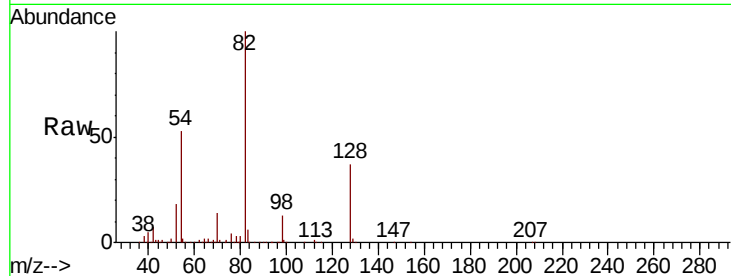
#23
 Nitrobenzene-d5
 Concen: 75.782 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleID :
 PB119674BSD

Tot Ion:	82	Resp:	340264
Ion Ratio	Lower	Upper	
82	100		
128	36.8	28.9	43.3
54	52.8	47.2	70.8

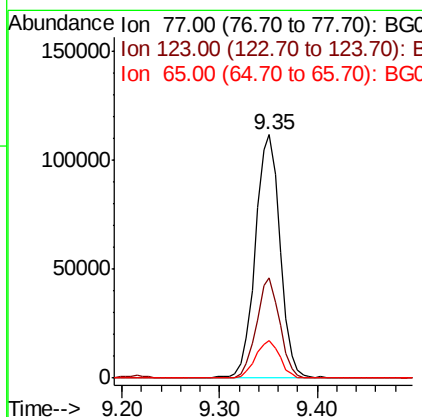
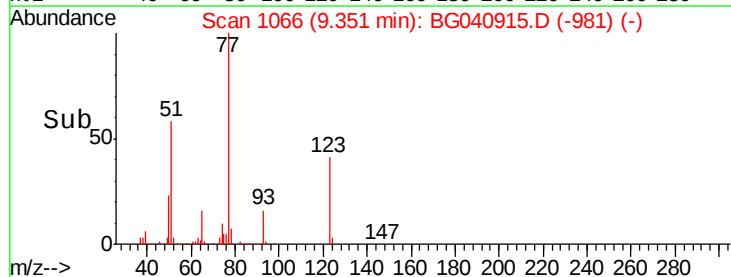
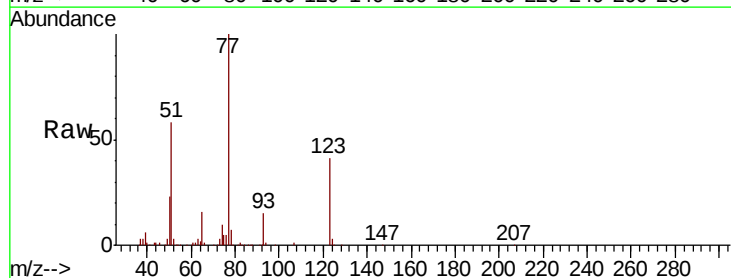
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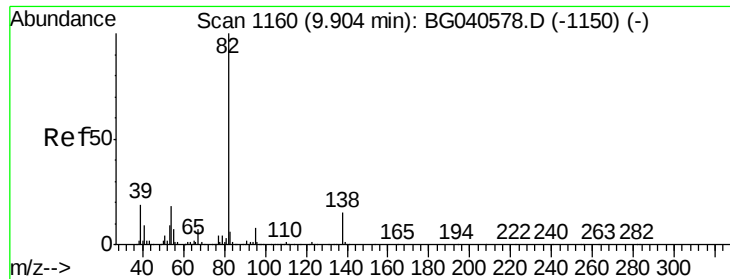
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#24
 Nitrobenzene
 Concen: 41.185 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion:	77	Resp:	197304
Ion Ratio	Lower	Upper	
77	100		
123	41.0	27.8	41.6
65	15.5	12.4	18.6





#25

Isophorone

Concen: 37.090 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

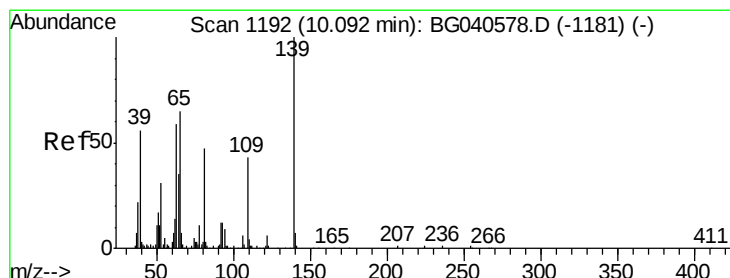
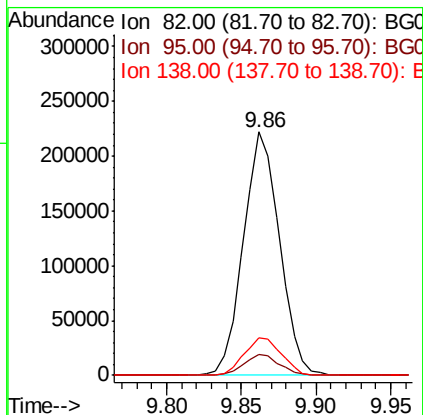
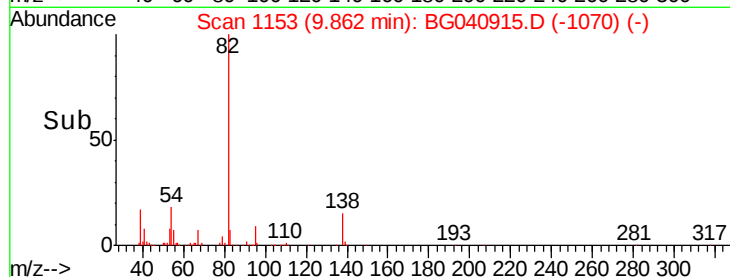
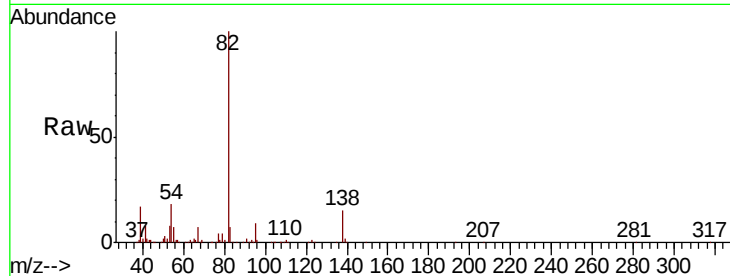
ClientSampleId :

PB119674BSD

Tot Ion:	82	Resp:	370958
Ion Ratio		Lower	Upper
82	100		
95	8.7	6.9	10.3
138	15.2	12.3	18.5

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#26

2-Nitrophenol

Concen: 50.196 ng

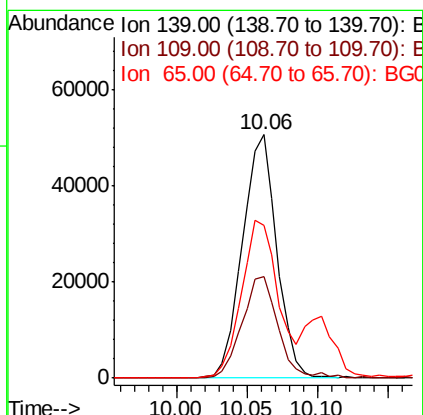
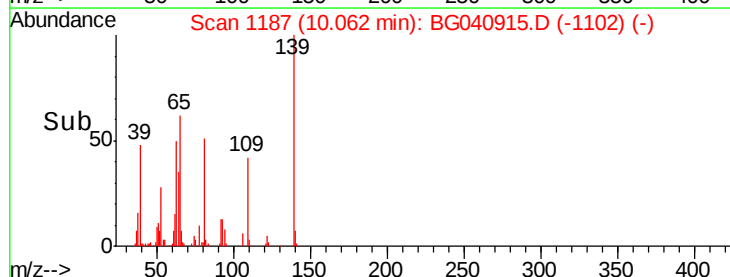
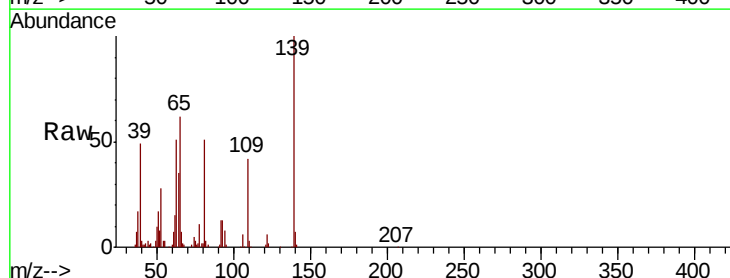
RT: 10.06 min Scan# 1187

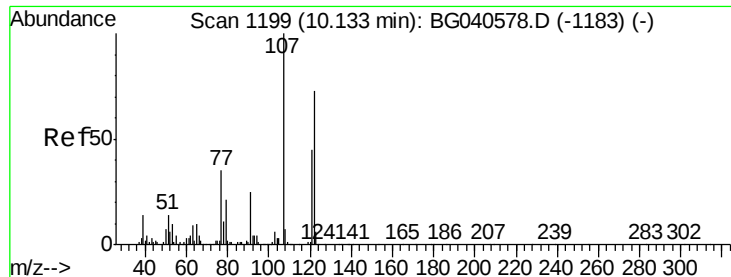
Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	139	Resp:	86199
Ion Ratio		Lower	Upper
139	100		
109	42.0	35.6	53.4
65	62.5	52.3	78.5





#27

2,4-Dimethylphenol

Concen: 50.184 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

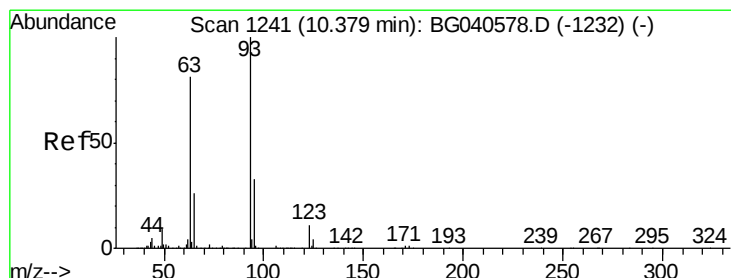
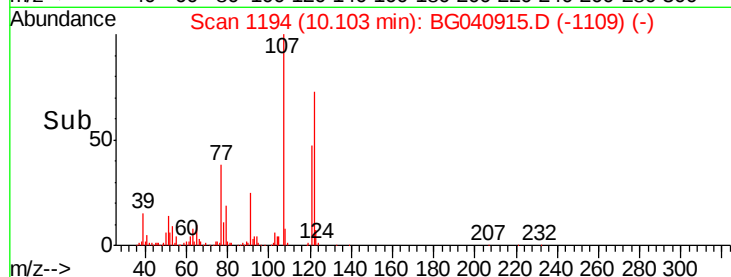
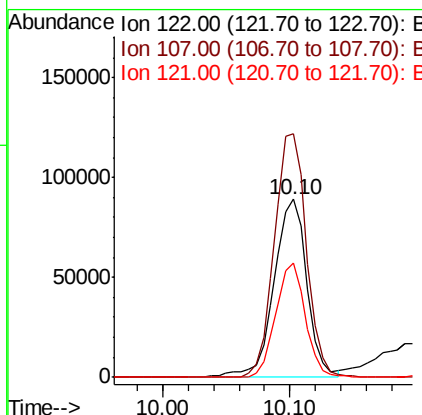
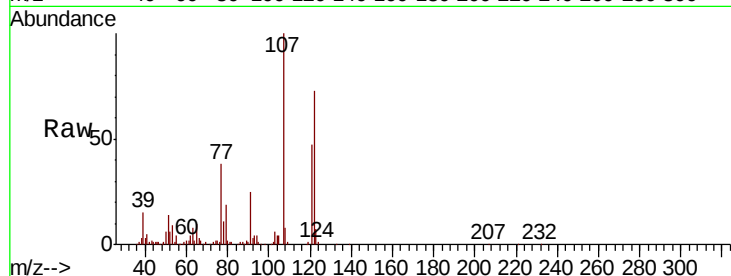
ClientSampleId :

PB119674BSD

Tot Ion:	122	Resp:	161695
Ion Ratio	Lower	Upper	
122	100		
107	136.6	110.1	165.1
121	63.8	49.4	74.0

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#28

bis(2-Chloroethoxy)methane

Concen: 39.258 ng

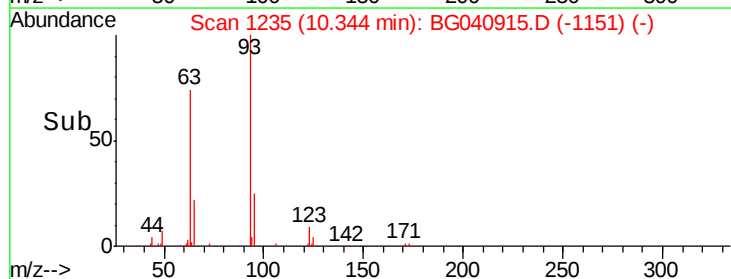
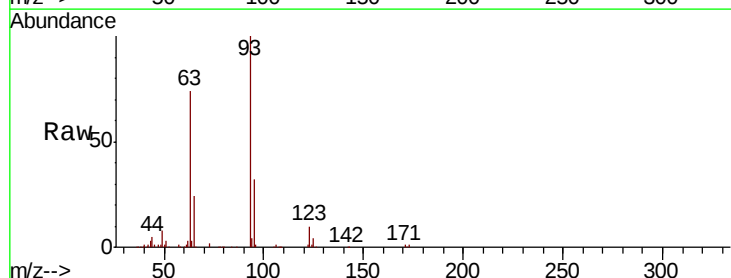
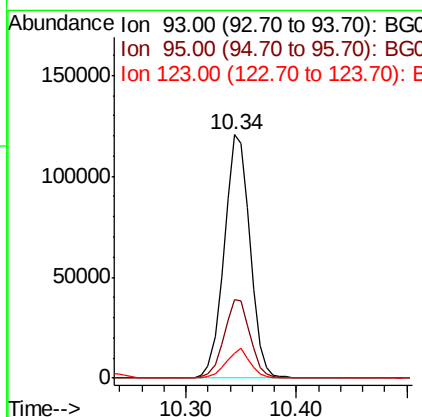
RT: 10.34 min Scan# 1235

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	93	Resp:	196997
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.6	40.0
123	10.3	9.0	13.4





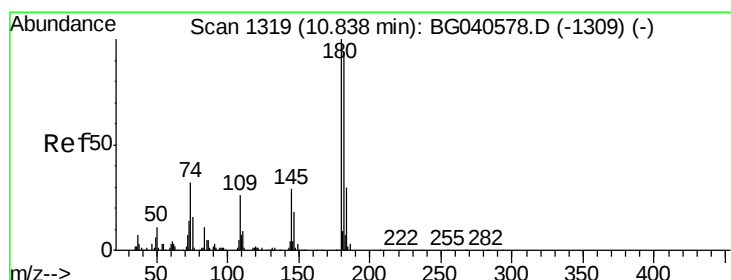
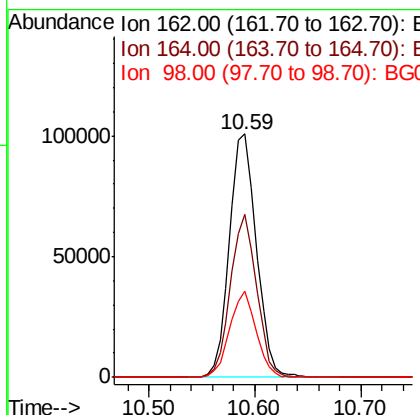
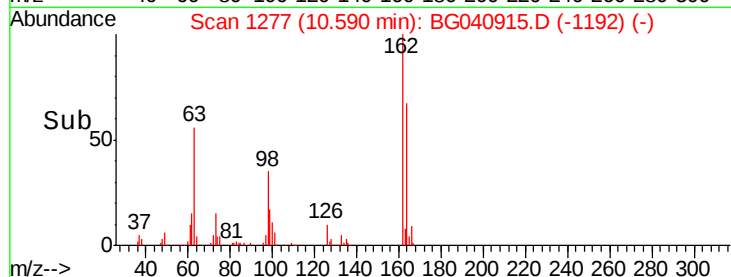
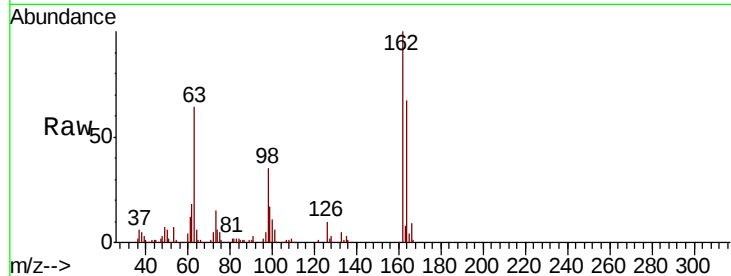
#29
 2,4-Dichlorophenol
 Concen: 48.612 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BSD

Tot Ion:	162	Resp:	178067
Ion Ratio	Lower	Upper	
162	100		
164	66.8	38.9	78.9
98	35.2	16.8	56.8

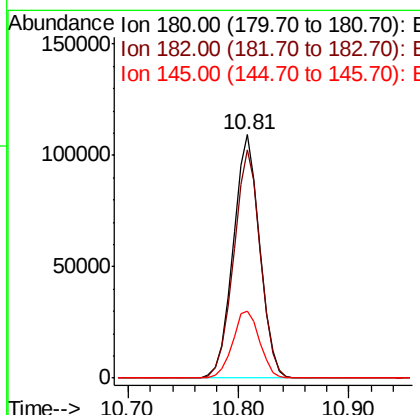
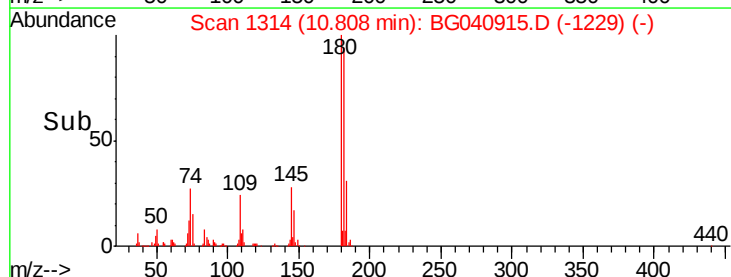
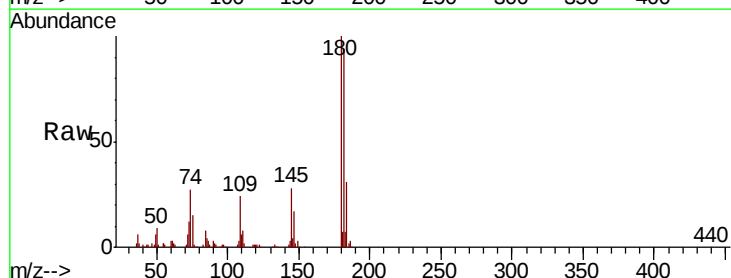
Manual Integrations
 APPROVED

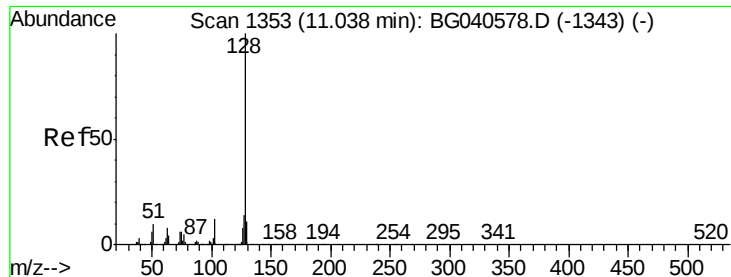
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.190 ng
 RT: 10.81 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion:	180	Resp:	183564
Ion Ratio	Lower	Upper	
180	100		
182	93.6	75.2	112.8
145	27.6	23.6	35.4





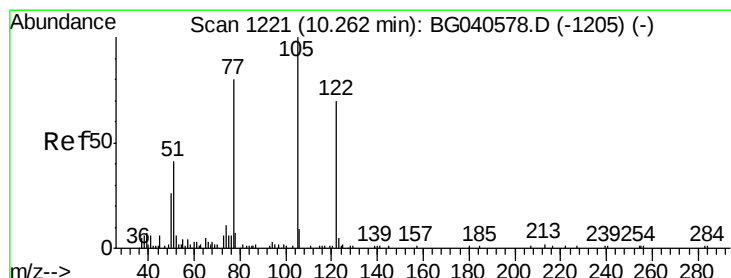
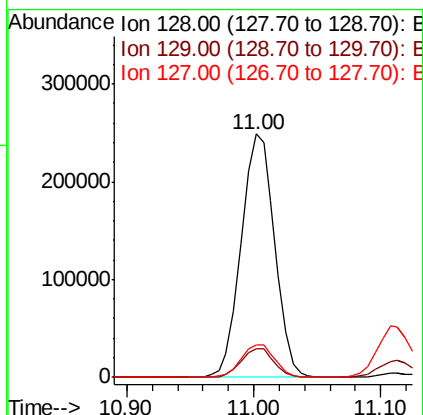
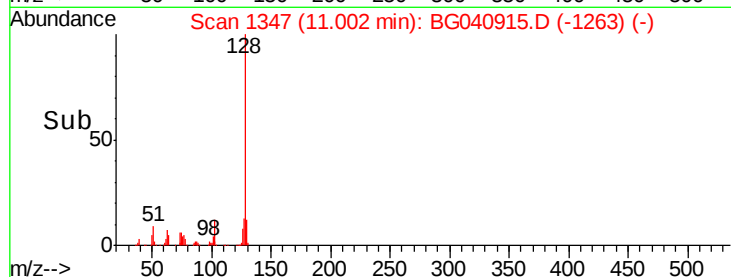
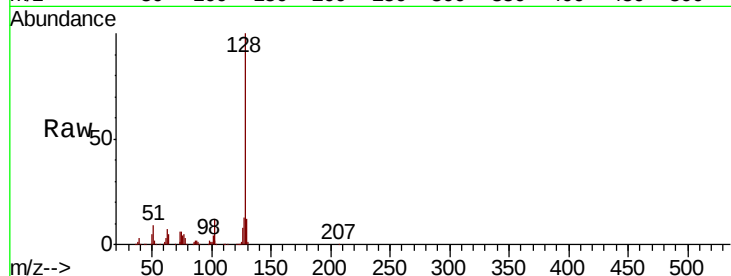
#31
Naphthalene
Concen: 41.251 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.0	13.6	
127	13.4	11.3	16.9	

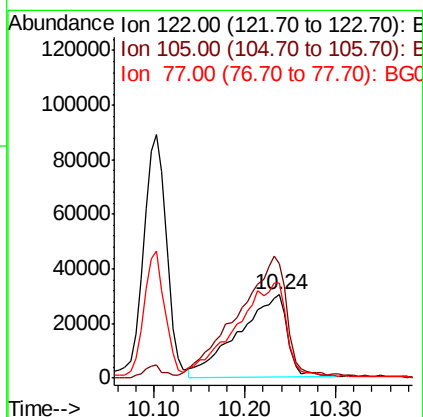
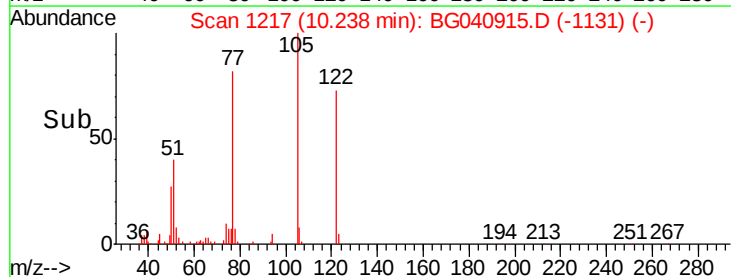
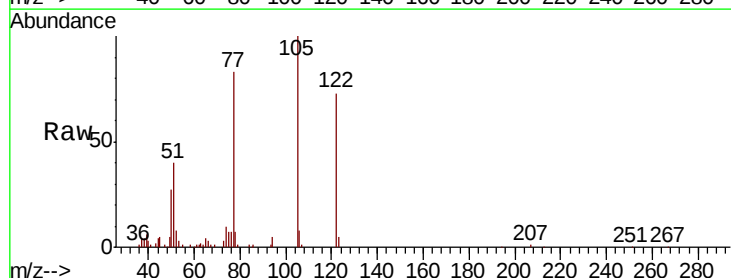
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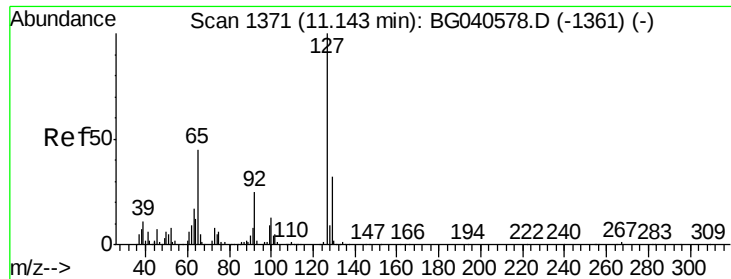
Sohil
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#32
Benzoic acid
Concen: 51.214 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.9	110.9	150.9	
77	113.7	87.6	127.6	





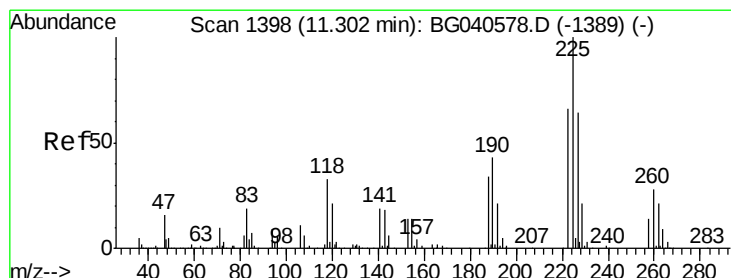
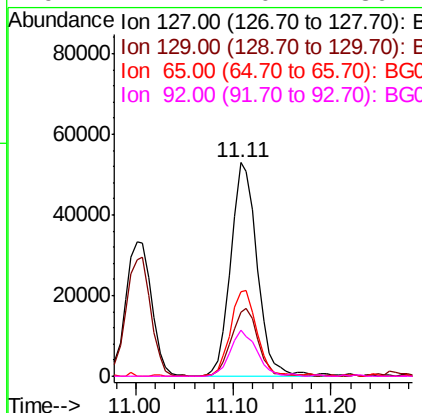
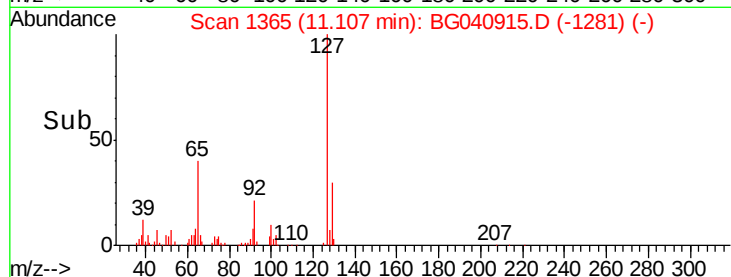
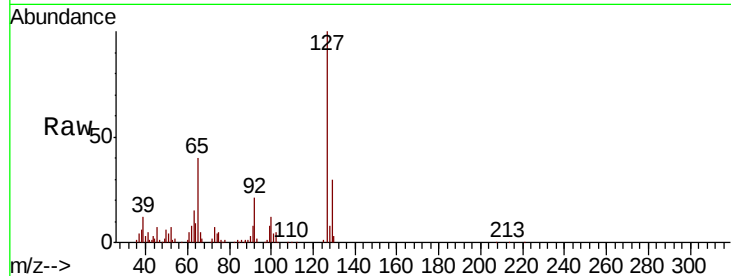
#33
4-Chloroaniline
Concen: 20.598 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.2		25.7	38.5	
65	39.5		36.1	54.1	
92	21.4		20.1	30.1	

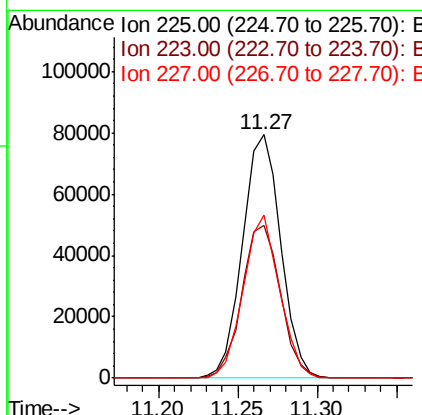
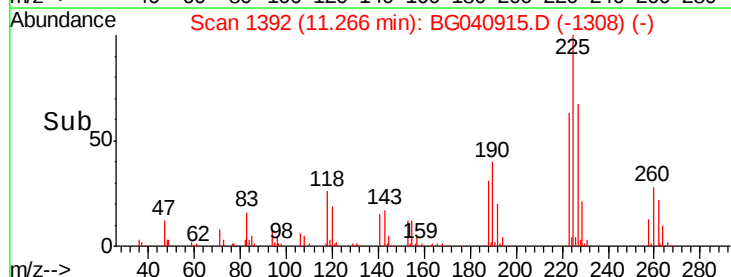
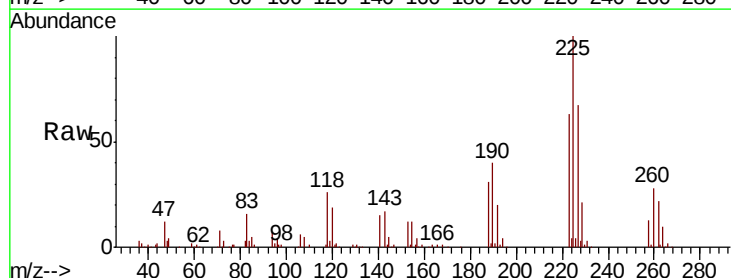
Manual Integrations
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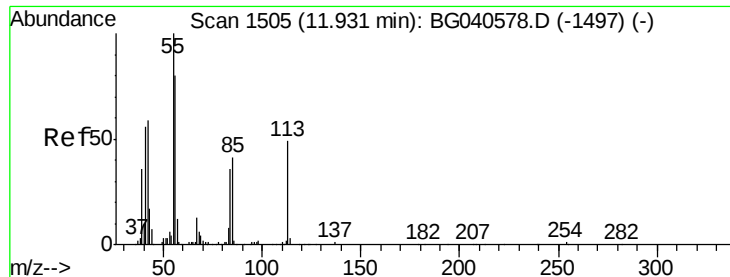
Sohil
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#34
Hexachlorobutadiene
Concen: 44.458 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8		50.4	75.6	
227	66.9		51.0	76.6	





#35

Caprolactam

Concen: 38.420 ng/ml

RT: 11.89 min Scan# 1499

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

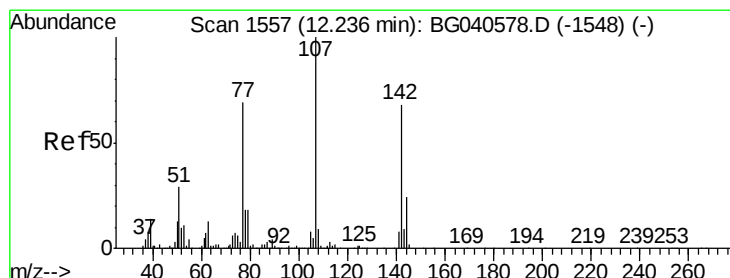
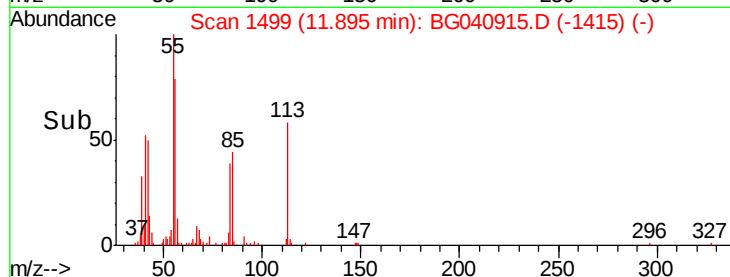
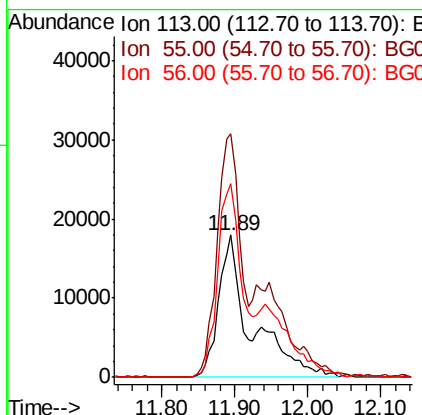
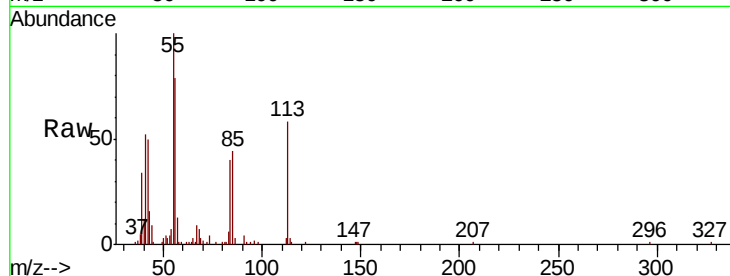
ClientSampleId :

PB119674BSD

Tot Ion:	113	Resp:	55562
Ion Ratio	Lower	Upper	
113	100		
55	171.3	198.6	238.6#
56	136.1	148.4	188.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.108 ng/ml

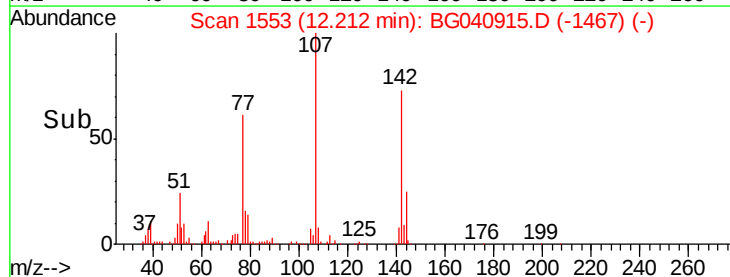
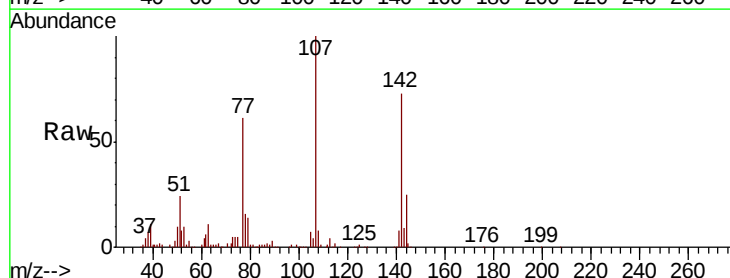
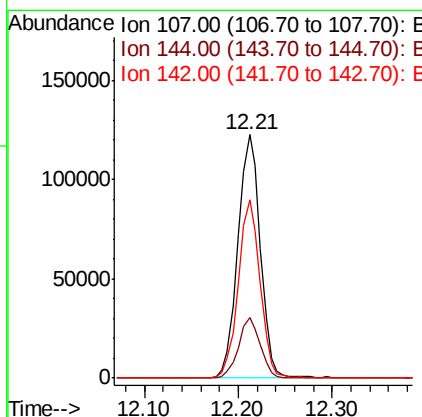
RT: 12.21 min Scan# 1553

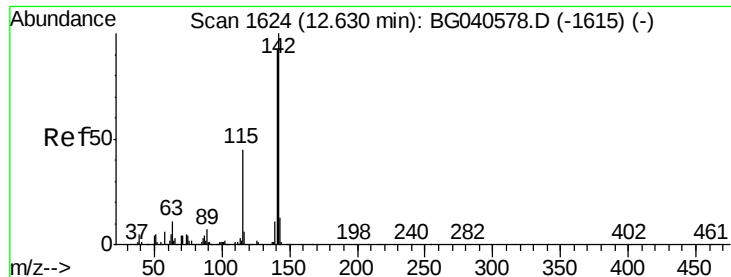
Delta R.T. -0.02 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	107	Resp:	203818
Ion Ratio	Lower	Upper	
107	100		
144	25.1	19.3	28.9
142	73.4	54.6	81.8





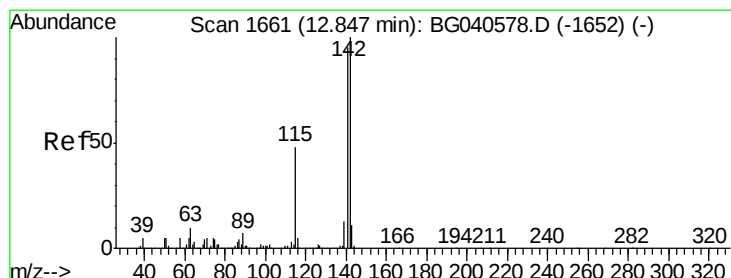
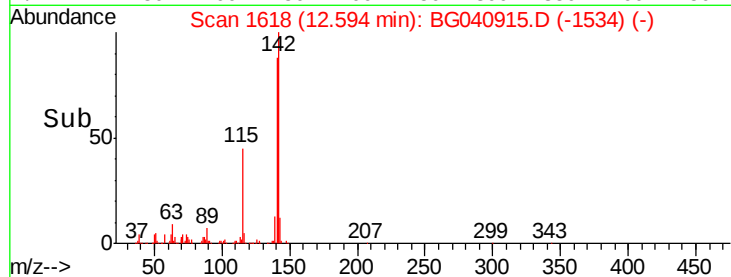
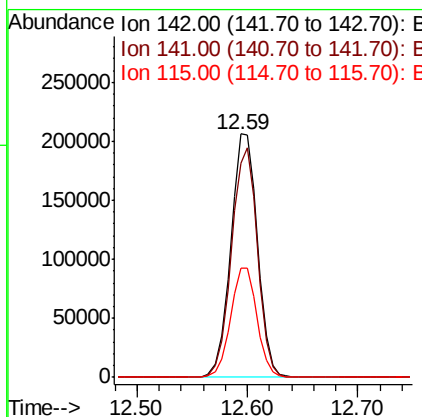
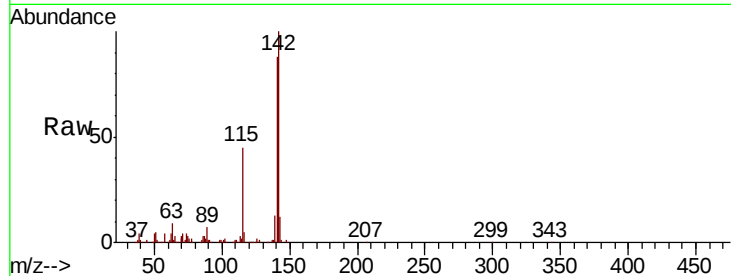
#37
2-Methylnaphthalene
Concen: 42.338 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	73.4	110.2
115	44.7	36.2	54.4

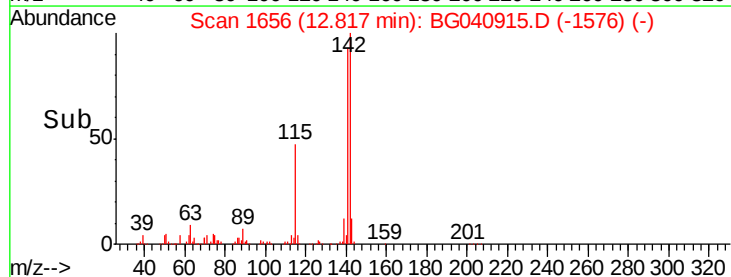
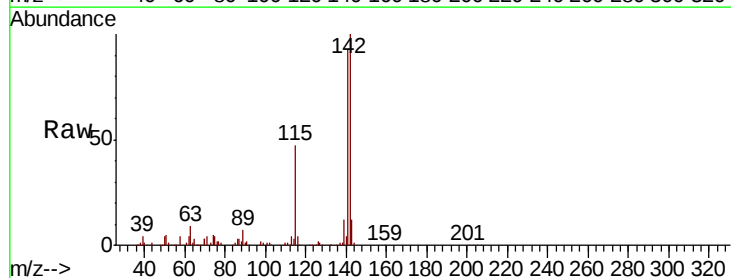
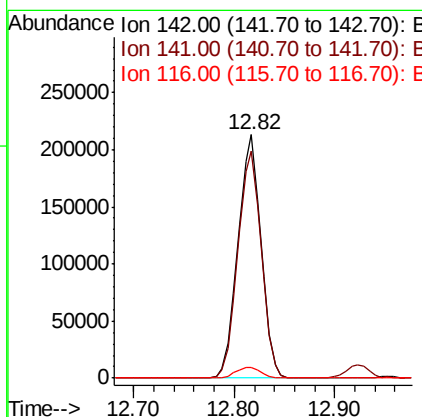
Manual Integrations
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#38
1-Methylnaphthalene
Concen: 41.788 ng m
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.9	113.9
116	4.2	4.2	6.4#





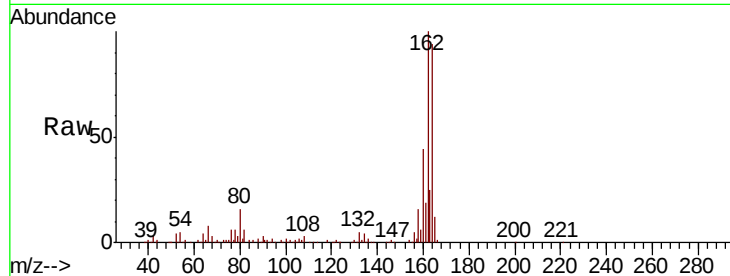
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampled :
PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.0	81.9	122.9	
160	46.4	35.4	53.2	

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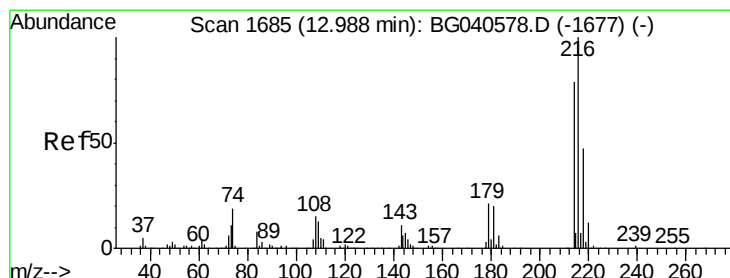
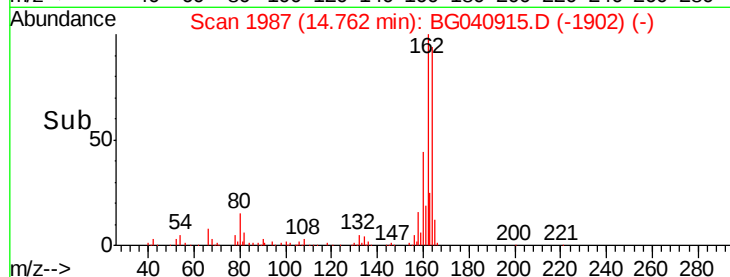
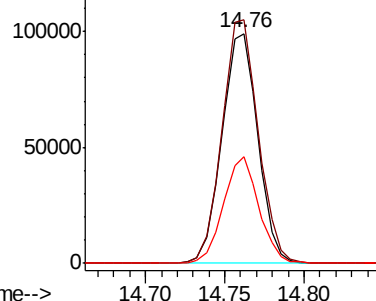


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.216 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.7	95.5	
179	19.6	16.6	24.8	
108	15.6	14.7	22.1	

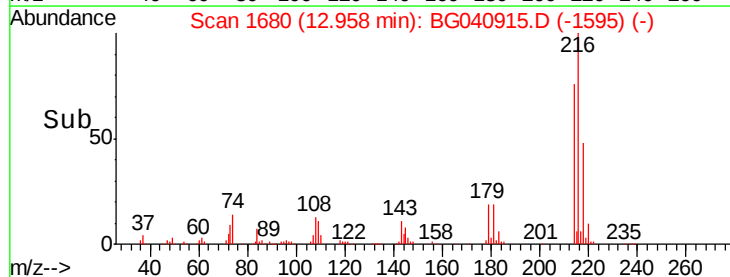
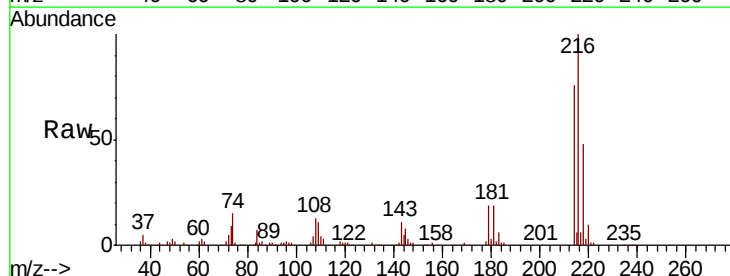
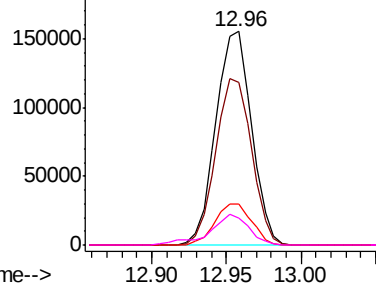
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





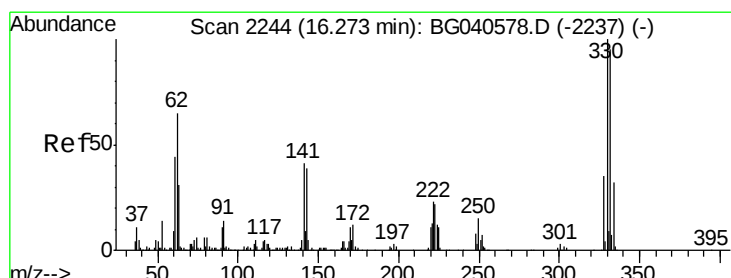
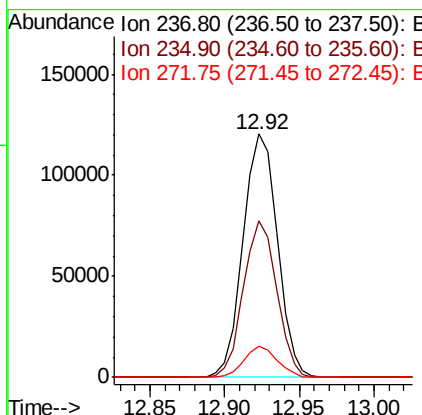
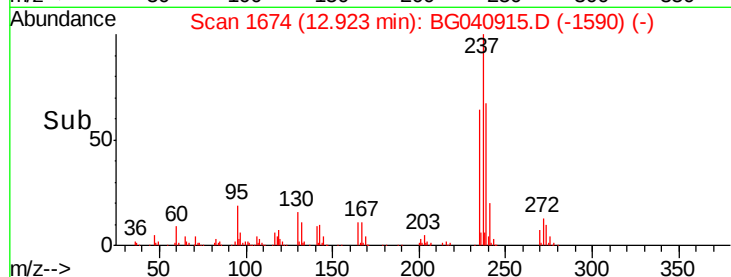
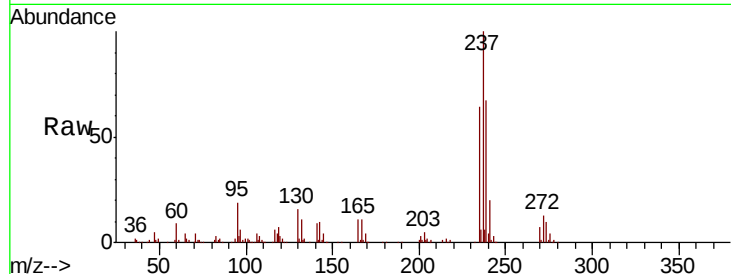
#41
Hexachlorocyclopentadiene
Concen: 56.080 ng
RT: 12.92 min Scan# 1674
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	42.5	82.5
272	12.9	0.0	31.6

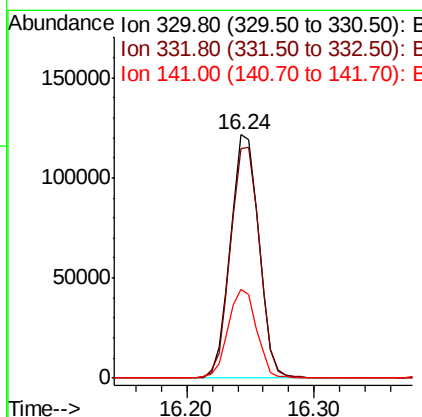
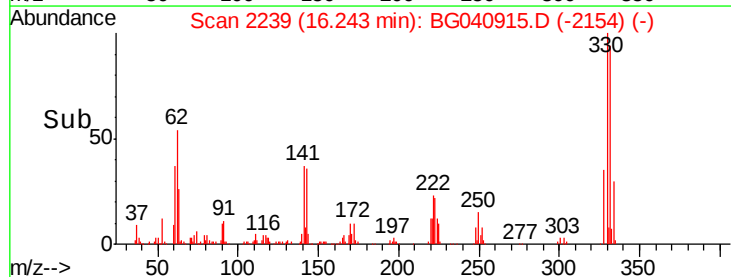
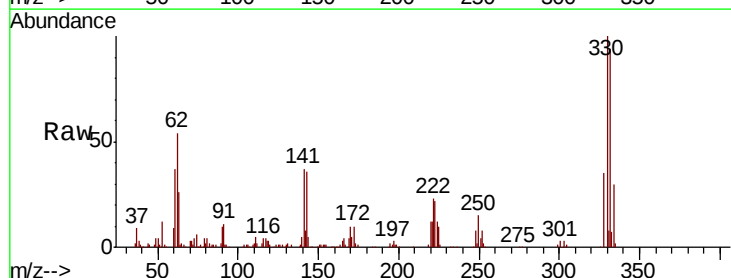
Manual Integrations
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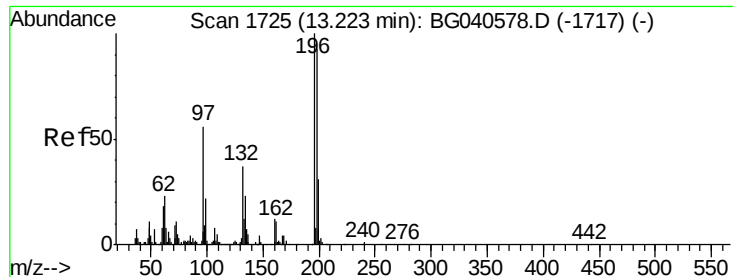
Sohil
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#42
2,4,6-Tribromophenol
Concen: 87.904 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	75.9	113.9
141	36.6	32.4	48.6





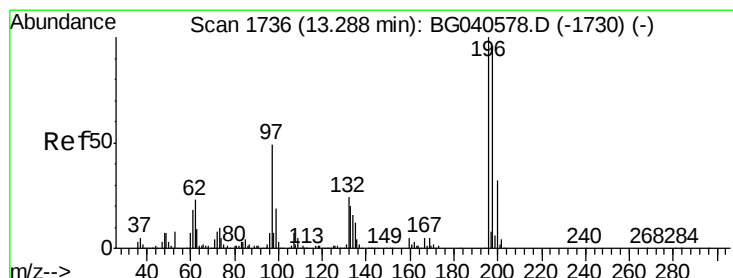
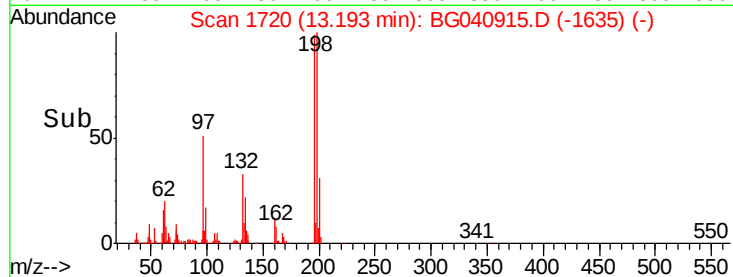
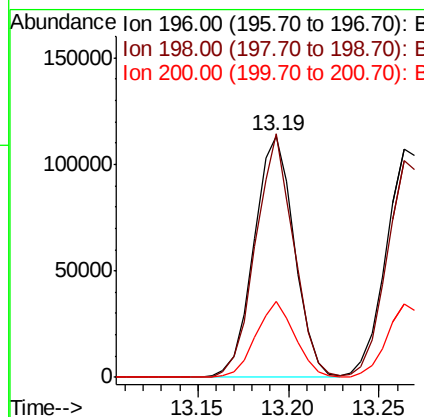
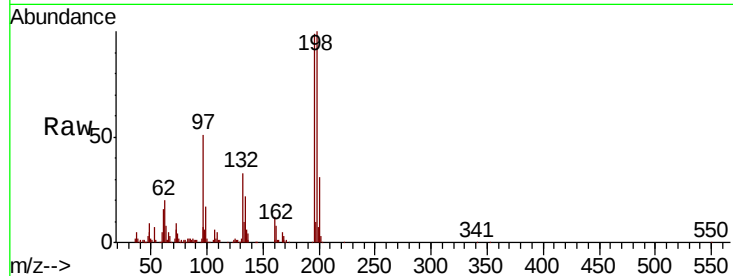
#43
2,4,6-Trichlorophenol
Concen: 49.899 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174901		
198	100.8	74.8	112.2	
200	31.6	24.9	37.3	

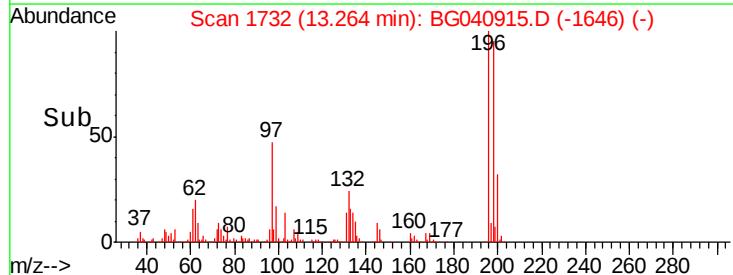
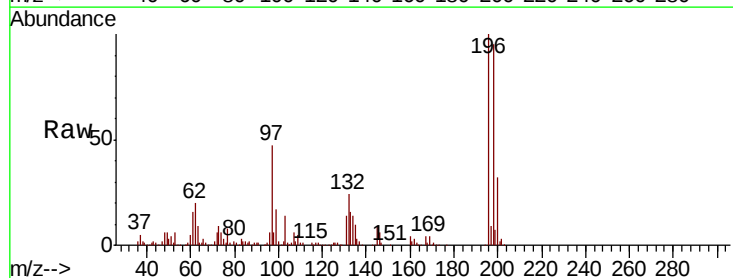
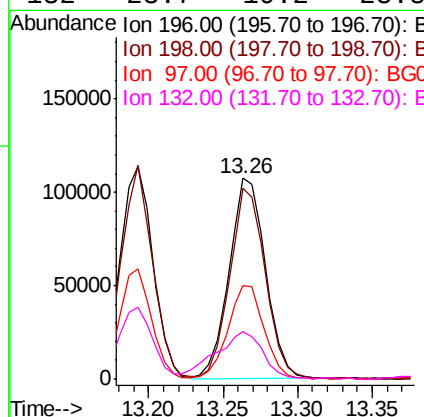
Manual Integrations
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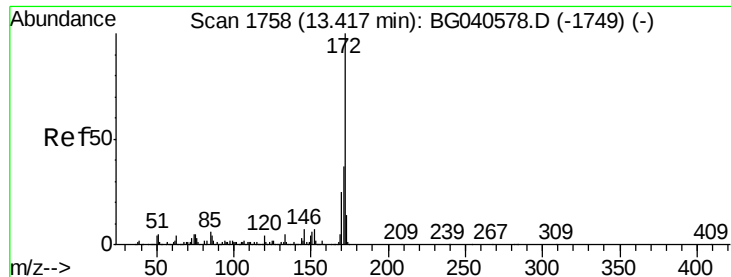
Sohil
5/14/2019 8:04:40 PM



#44
2,4,5-Trichlorophenol
Concen: 47.922 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182979		
198	95.0	77.0	115.6	
97	46.5	40.0	60.0	
132	23.7	19.2	28.8	





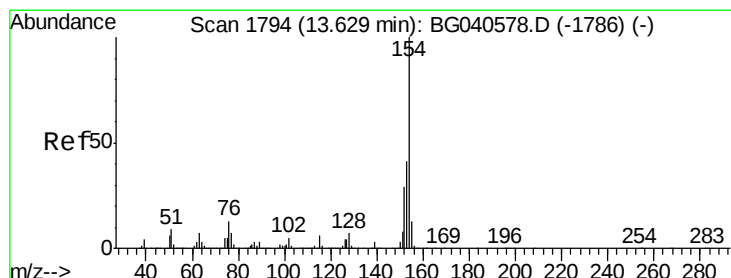
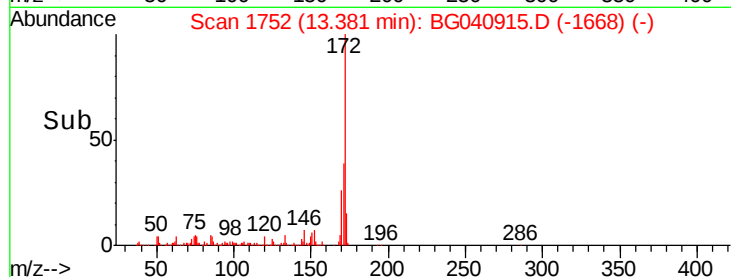
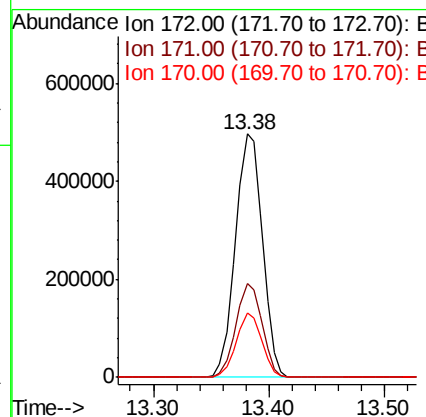
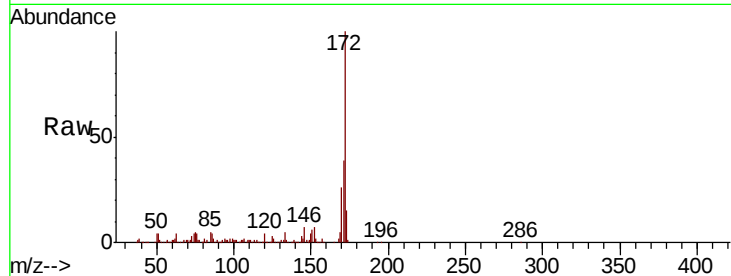
#45
2-Fluorobiphenyl
Concen: 74.513 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion:	172	Resp:	803333
Ion Ratio	Lower	Upper	
172	100		
171	38.6	29.4	44.2
170	26.2	19.9	29.9

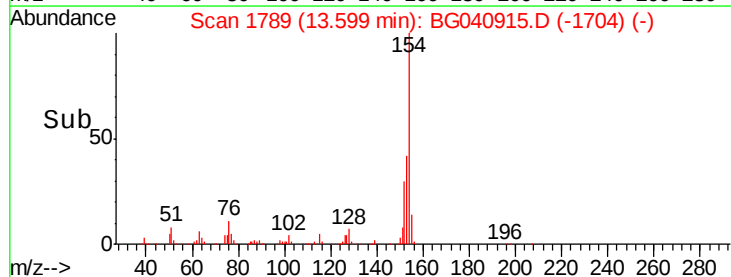
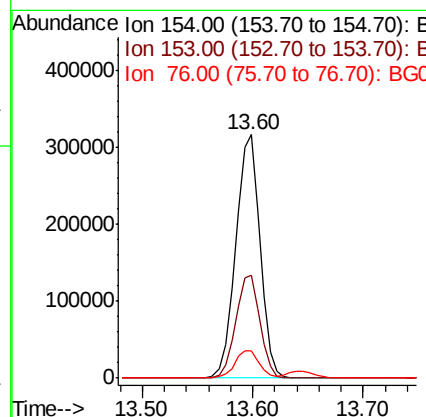
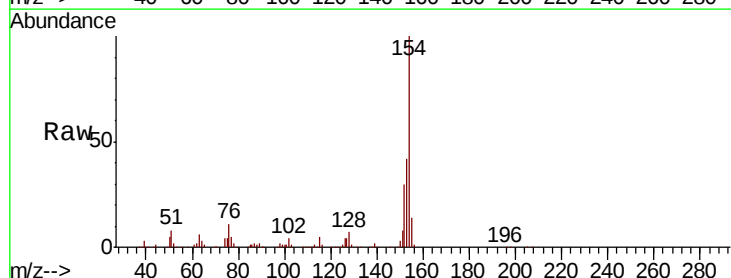
Manual Integrations
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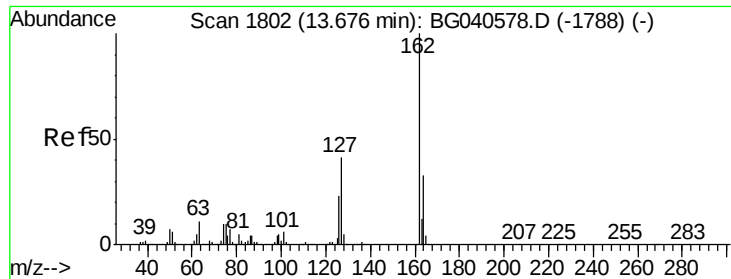
Sohil
5/14/2019 8:04:40 PM



#46
1,1'-Biphenyl
Concen: 40.275 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion:	154	Resp:	486874
Ion Ratio	Lower	Upper	
154	100		
153	42.4	20.5	60.5
76	11.5	0.0	32.5





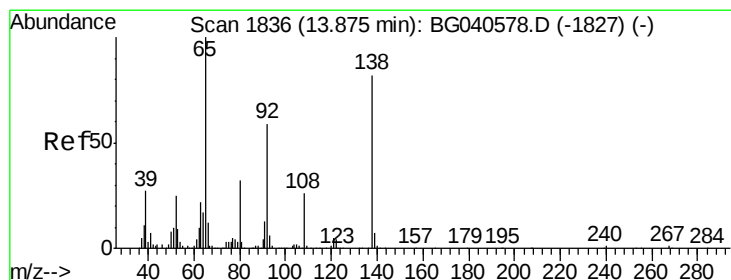
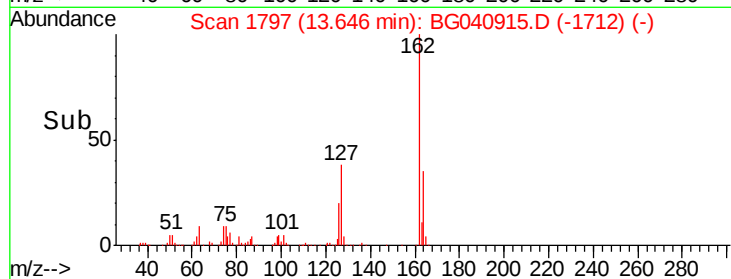
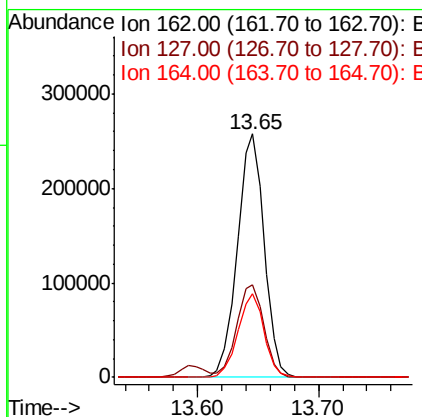
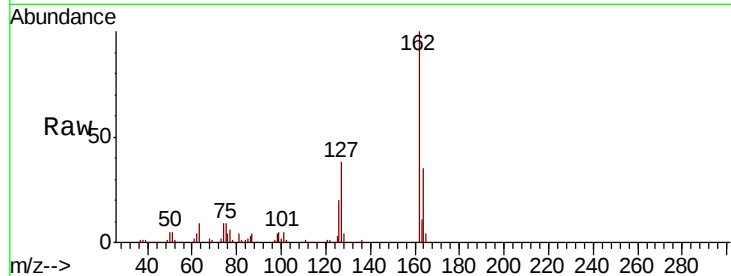
#47
2-Chloronaphthalene
Concen: 42.243 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	399639		
127	38.0		33.0	49.4
164	34.6		26.8	40.2

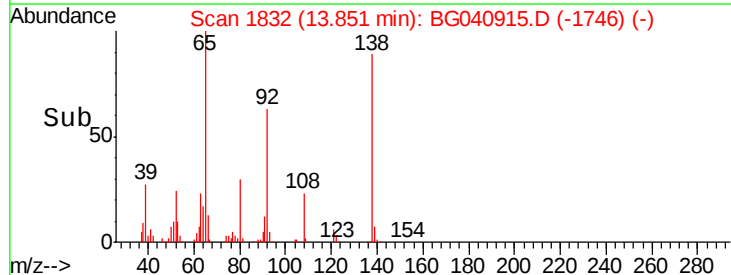
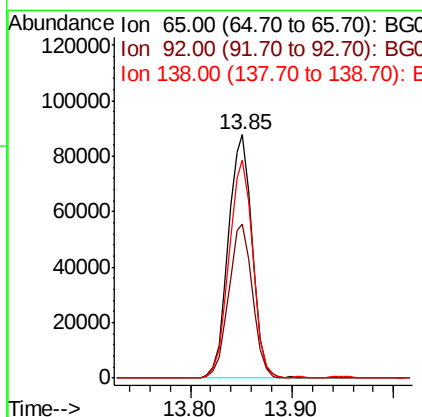
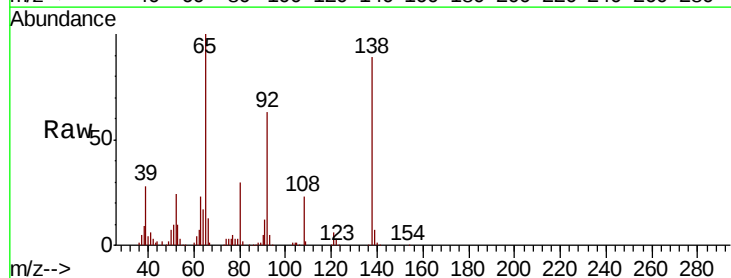
Manual Integrations
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#48
2-Nitroaniline
Concen: 42.483 ng
RT: 13.85 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	143066		
92	63.2		47.4	71.0
138	89.4		66.1	99.1





#49

Acenaphthylene

Concen: 38.907 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

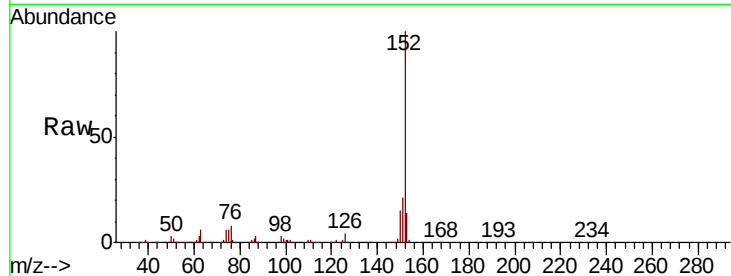
ClientSampleId :

PB119674BSD

Tot Ion:	152	Resp:	624494
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.2	25.8
153	13.8	10.7	16.1

Manual Integrations
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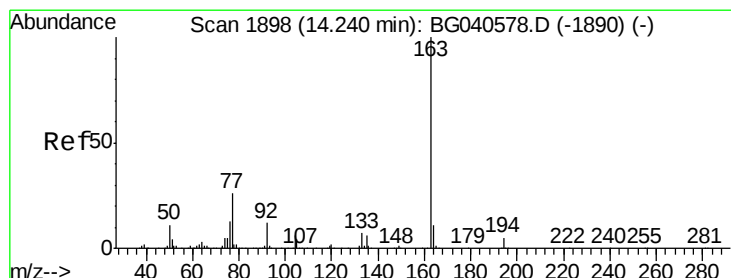
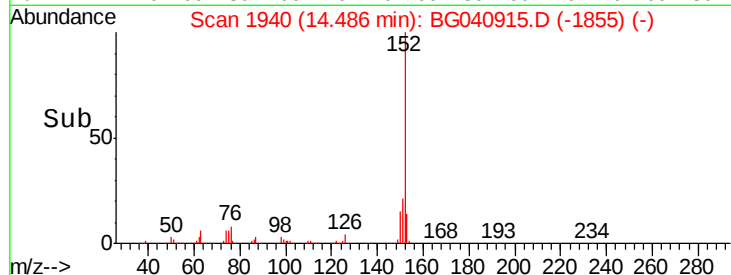
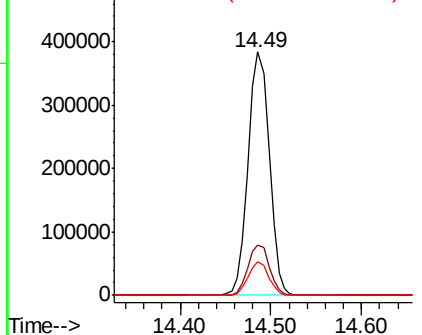


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.093 ng

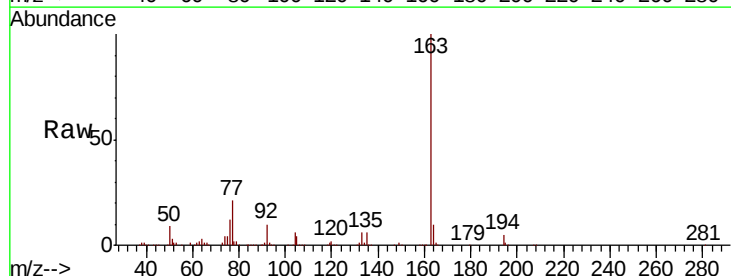
RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	163	Resp:	535324
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	9.9	8.8	13.2

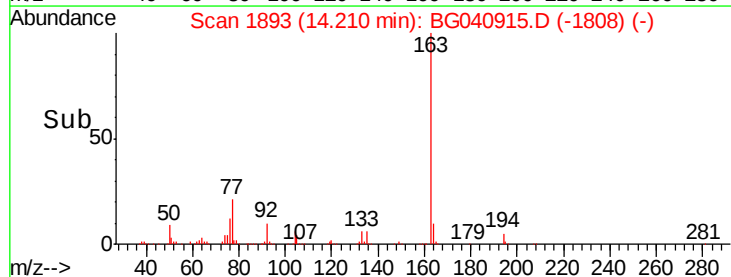
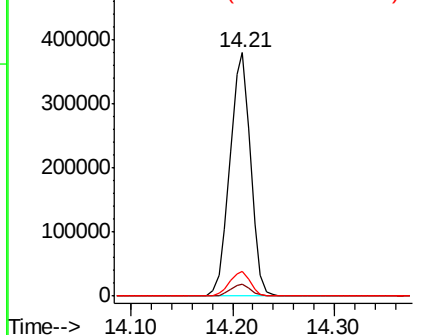


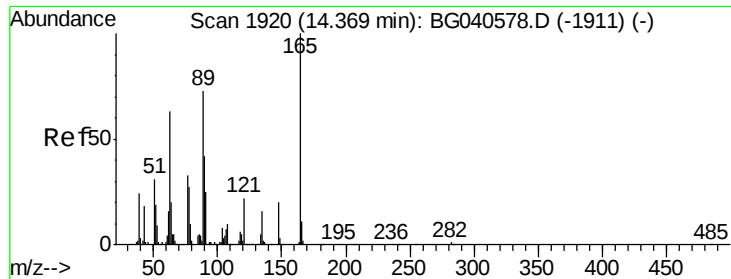
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





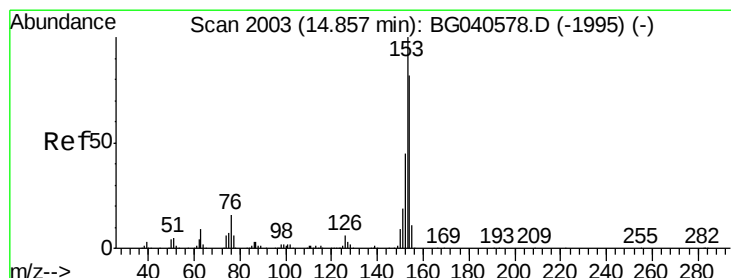
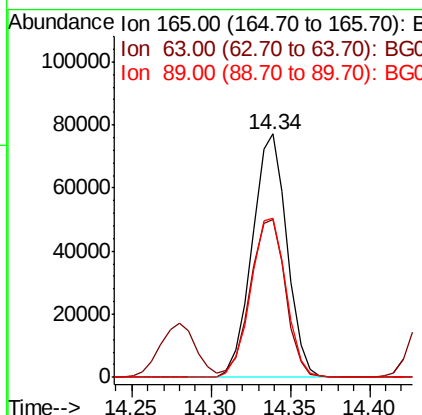
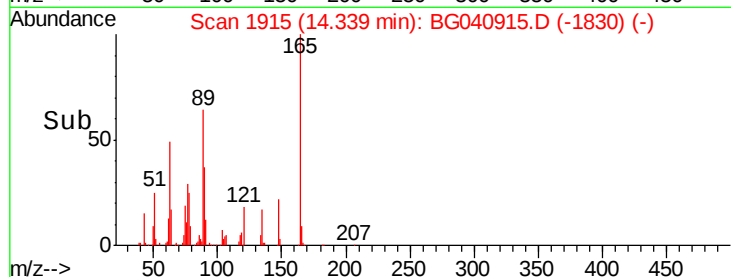
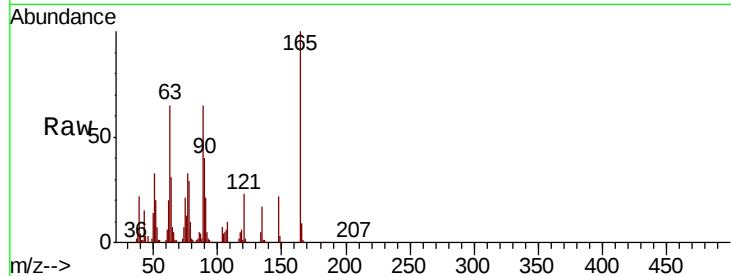
#51
2,6-Dinitrotoluene
Concen: 46.106 ng
RT: 14.34 min Scan# 1915
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	117224		
63	65.0	61.0	91.4	
89	65.3	58.6	87.8	

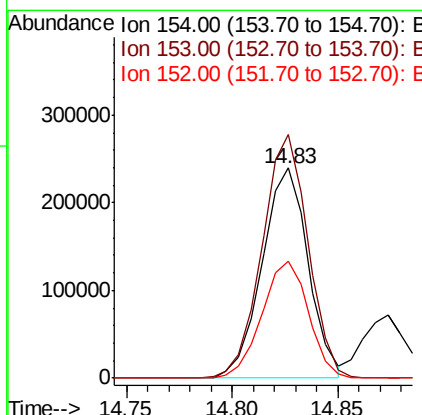
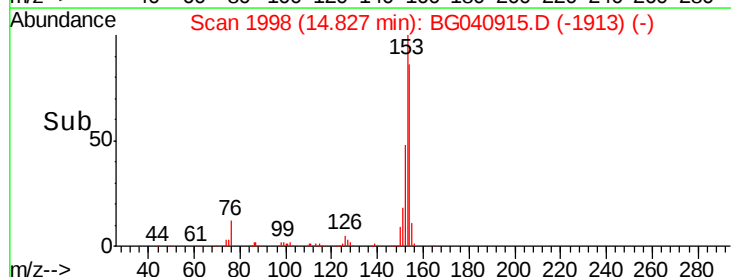
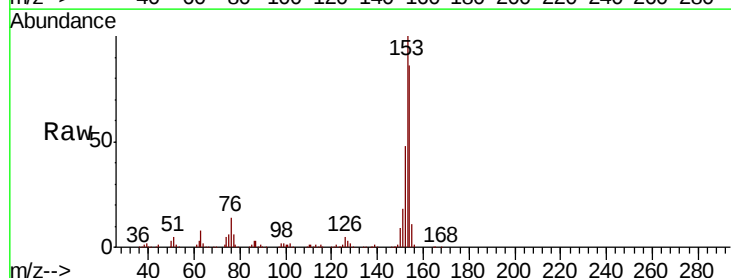
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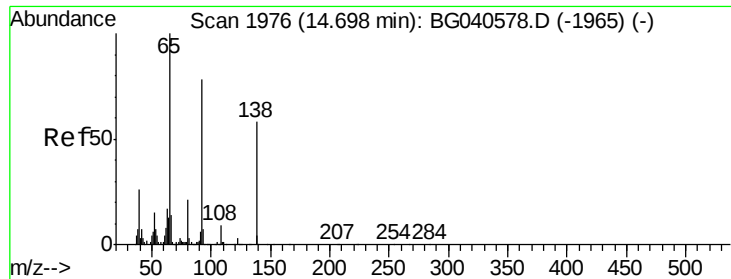
Sohil
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#52
Acenaphthene
Concen: 38.970 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	364267		
153	116.0	97.0	145.6	
152	55.9	44.1	66.1	





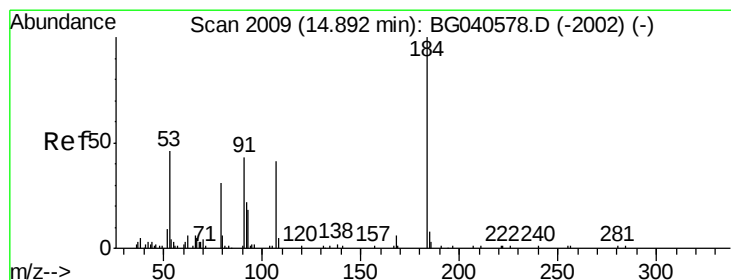
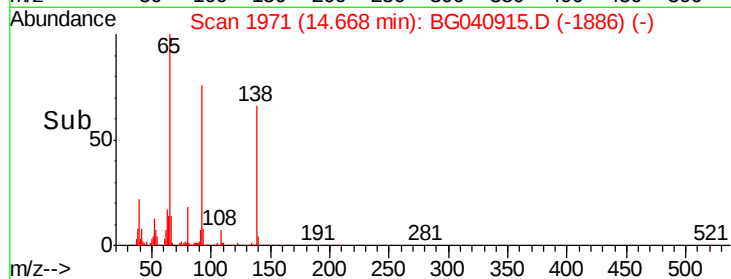
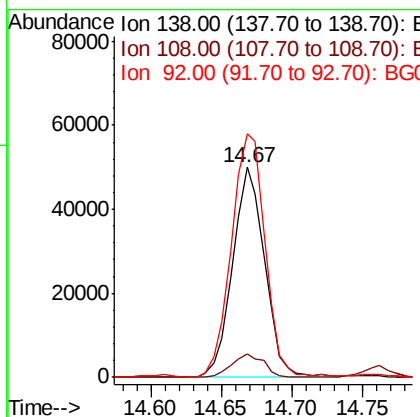
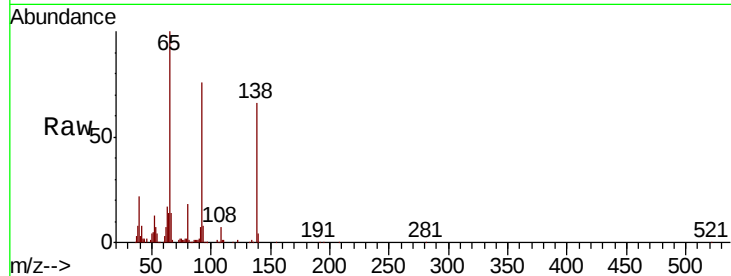
#53
 3-Nitroaniline
 Concen: 30.375 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	12.4	18.6#
92	116.0	108.6	162.8

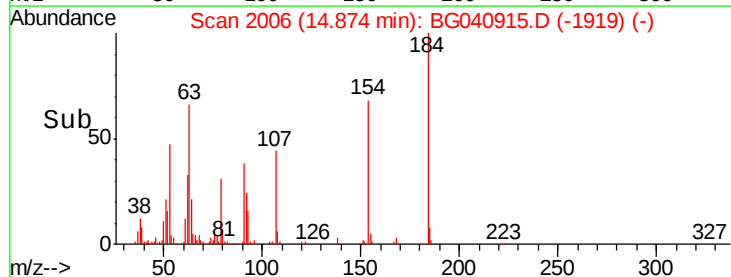
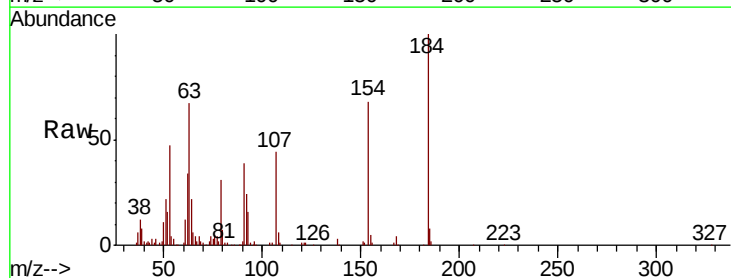
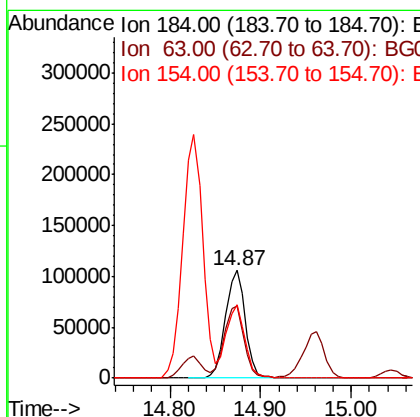
Manual Integrations
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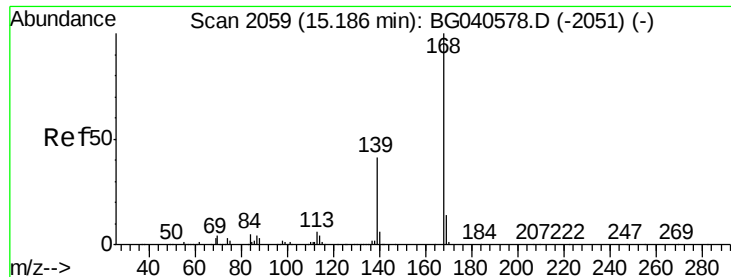
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 5/14/2019 8:04:40 PM



#54
 2,4-Dinitrophenol
 Concen: 109.555 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	51.8	77.6
154	68.2	43.6	65.4#





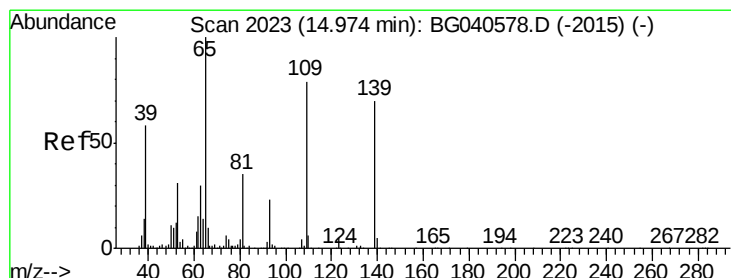
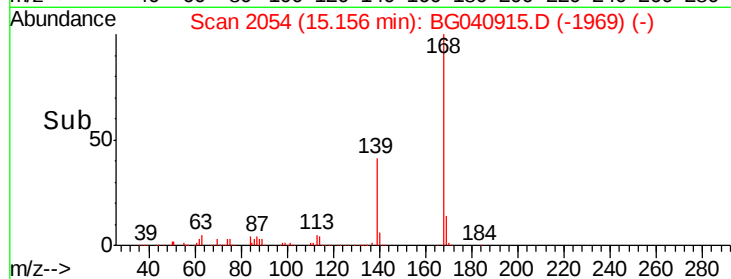
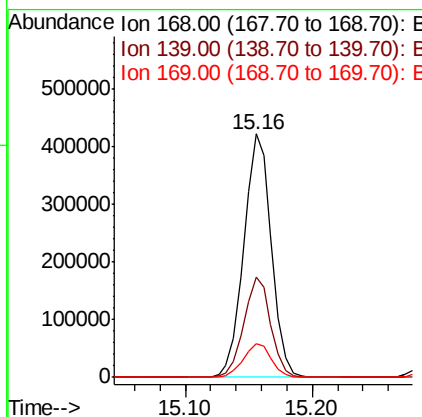
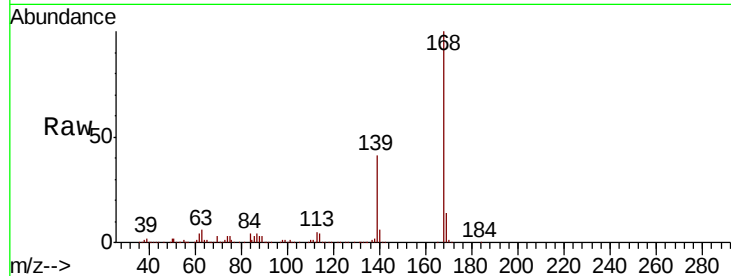
#55
Dibenzenofuran
Concen: 41.307 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampled :
PB119674BSD

Tot Ion:	168	Resp:	632425
Ion Ratio	Lower	Upper	
168	100		
139	41.3	33.0	49.4
169	13.7	11.0	16.4

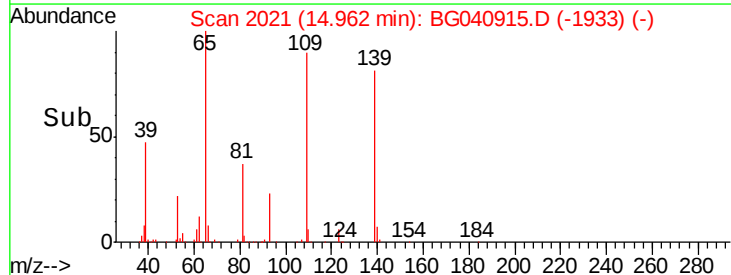
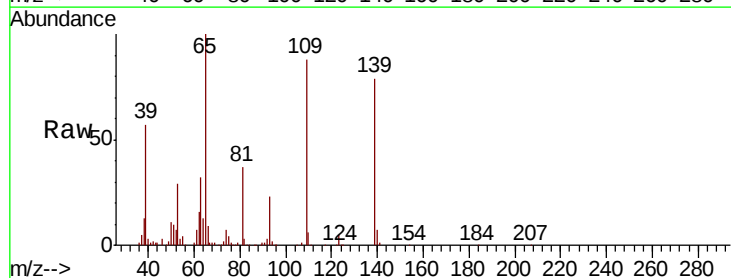
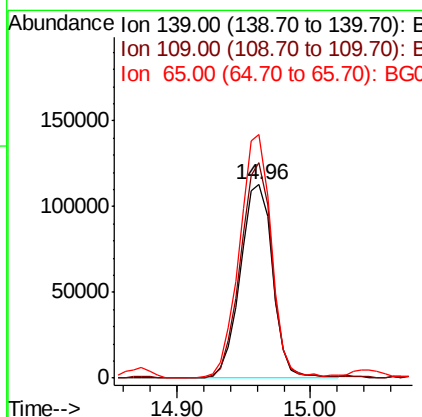
Manual Integrations
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#56
4-Nitrophenol
Concen: 83.587 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion:	139	Resp:	188813
Ion Ratio	Lower	Upper	
139	100		
109	111.5	93.8	133.8
65	126.1	122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 47.826 ng

RT: 15.12 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

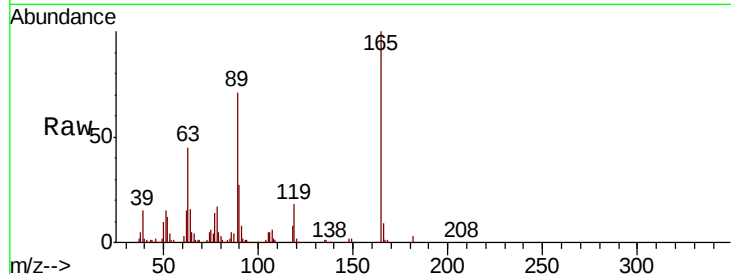
ClientSampleId :

PB119674BSD

Tot Ion:	165	Resp:	165230
Ion Ratio	Lower	Upper	
165	100		
63	44.9	45.8	68.8#
89	71.3	69.4	104.2
182	3.2	2.2	3.4

Manual Integrations
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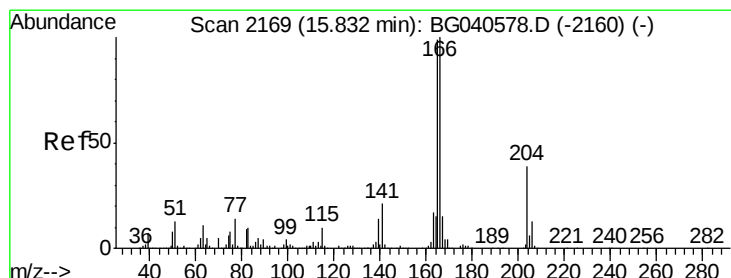
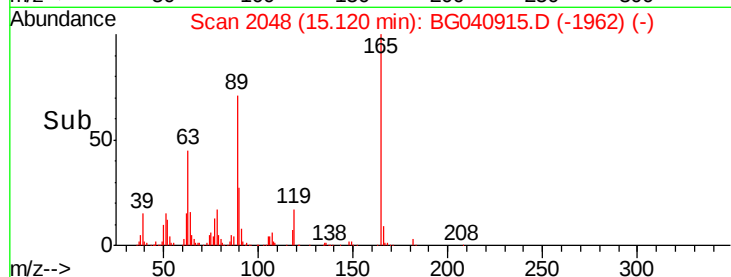
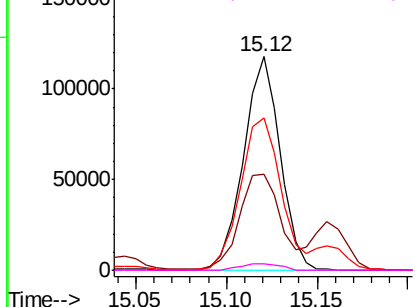


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.310 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.03 min

Lab File: BG040915.D

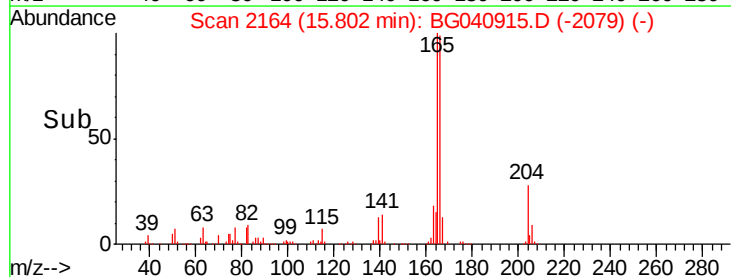
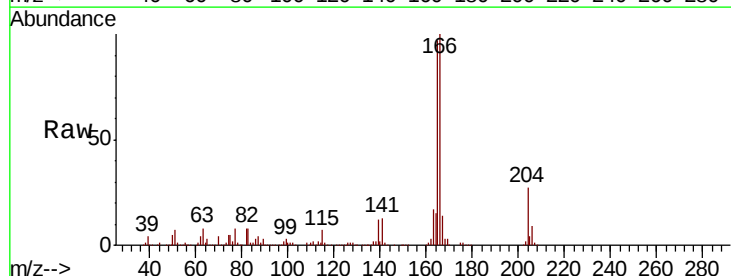
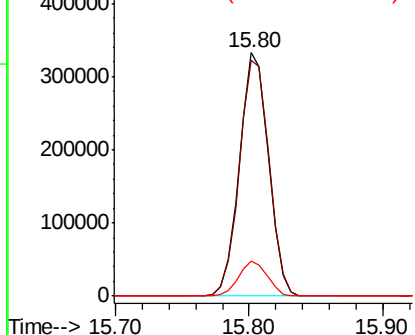
Acq: 13 May 2019 17:32

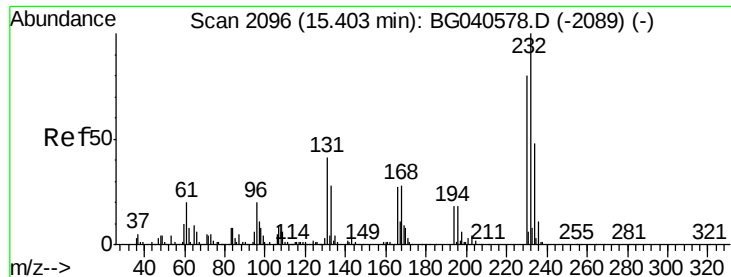
Tgt Ion:	166	Resp:	498831
Ion Ratio	Lower	Upper	
166	100		
165	96.8	79.6	119.4
167	14.2	12.2	18.2

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





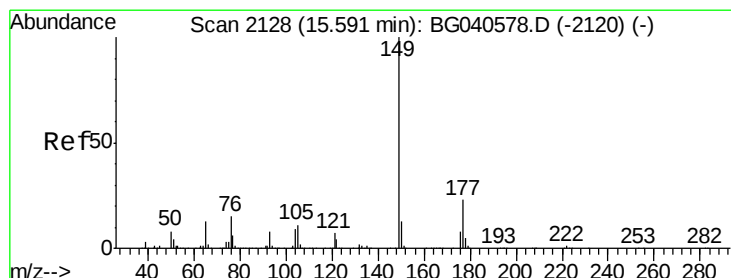
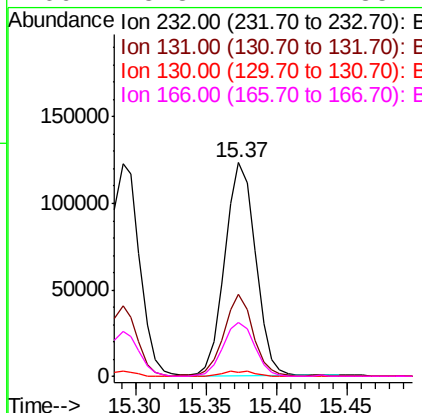
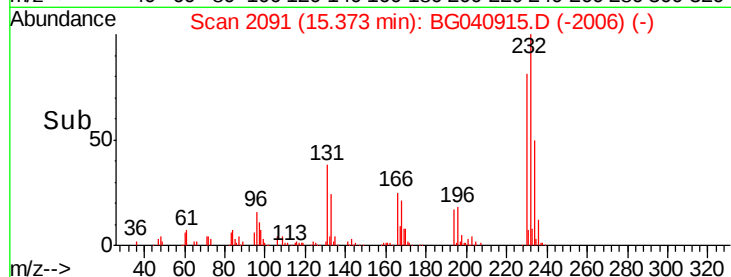
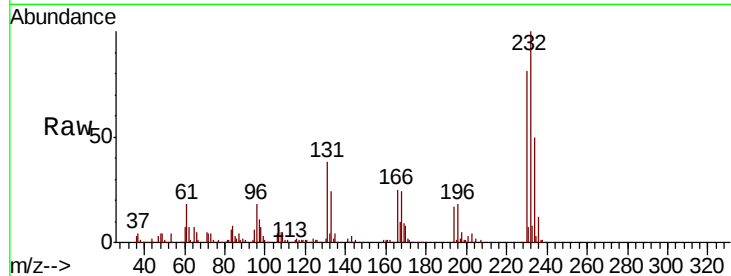
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.857 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		187768		
131	35.7	33.0	49.4		
130	2.6	2.0	3.0		
166	25.8	22.1	33.1		

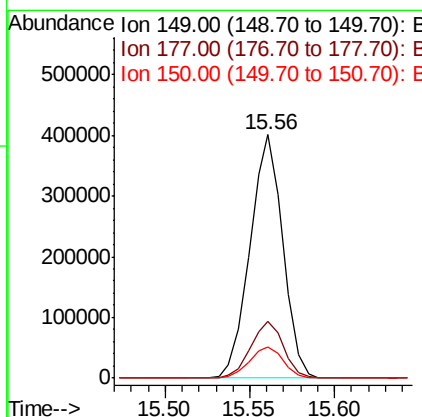
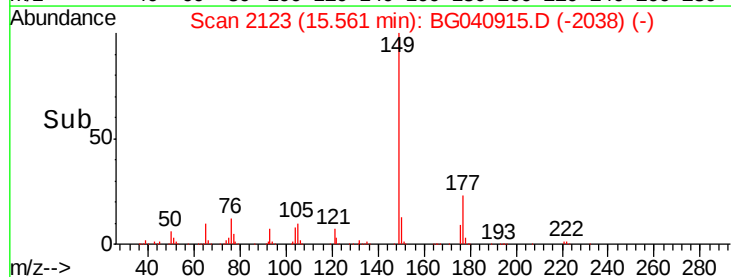
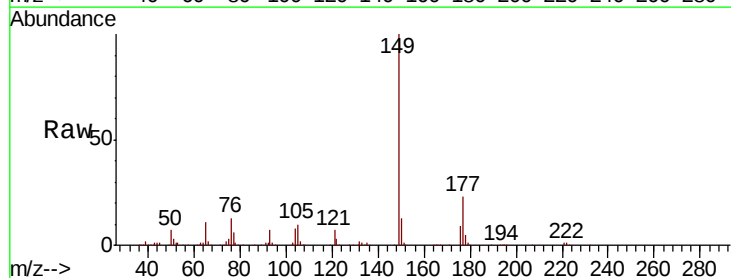
Manual Integrations
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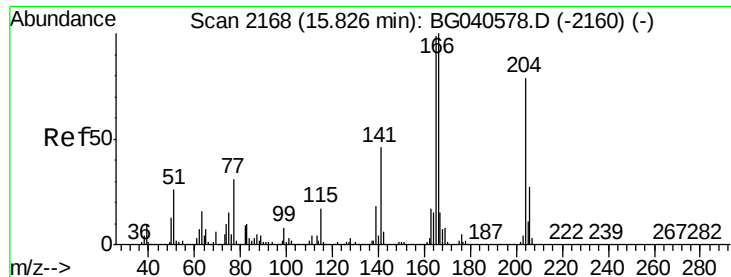
Sohil
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#60
 Diethylphthalate
 Concen: 39.270 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		539751		
177	23.3	18.5	27.7		
150	12.7	10.2	15.4		





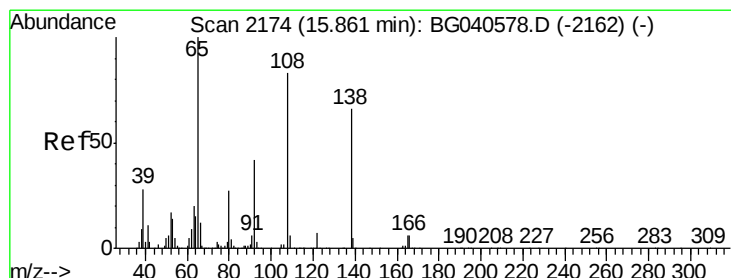
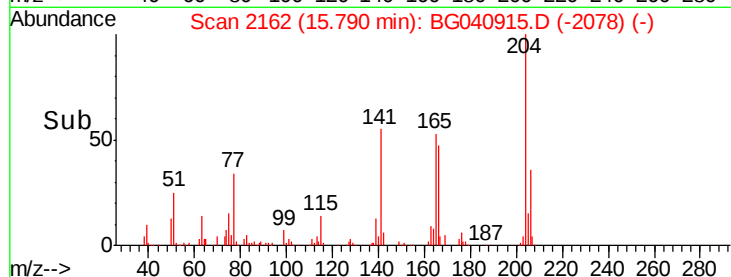
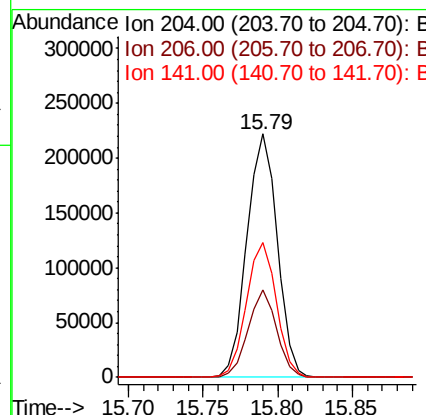
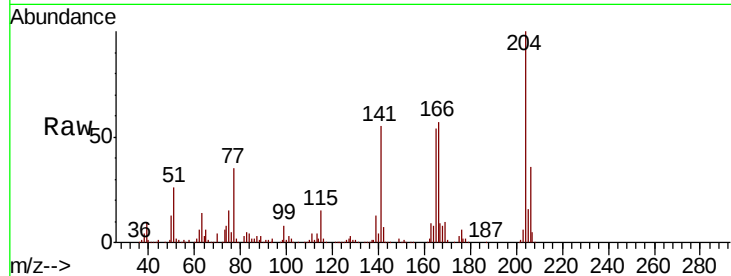
#61
 4-Chlorophenyl-phenylether
 Concen: 43.275 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	311461		
206	36.2	27.4	41.2	
141	55.3	46.0	69.0	

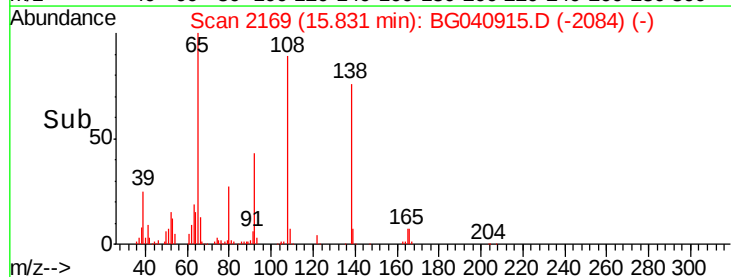
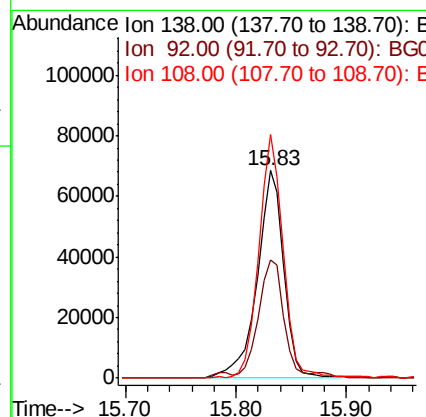
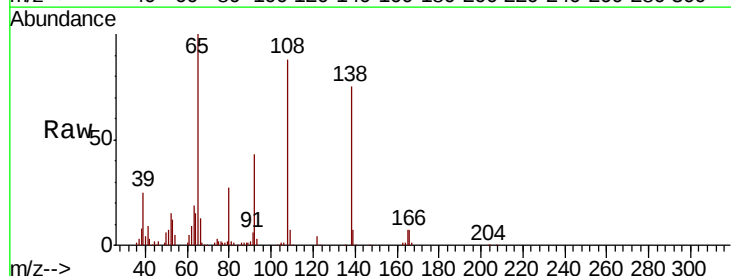
Manual Integrations
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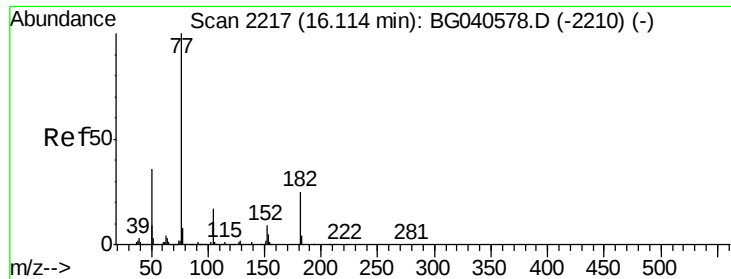
Sohil
 5/14/2019 8:04:40 PM



#62
 4-Nitroaniline
 Concen: 39.842 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	116102		
92	56.7	43.9	83.9	
108	117.3	106.5	146.5	





#63

Azobenzene

Concen: 35.490 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

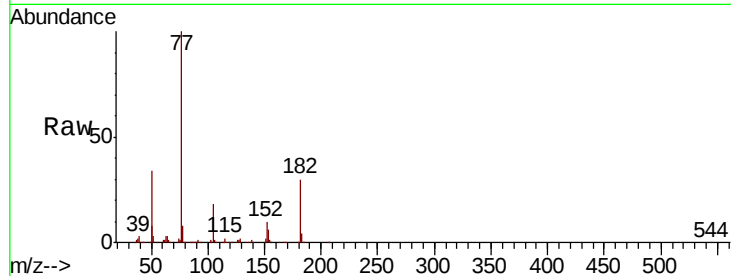
ClientSampleId :

PB119674BSD

Tot Ion:	77	Resp:	502354
Ion Ratio	Lower	Upper	
77	100		
182	29.8	5.0	45.0
105	17.9	0.0	37.6
51	33.6	16.3	56.3

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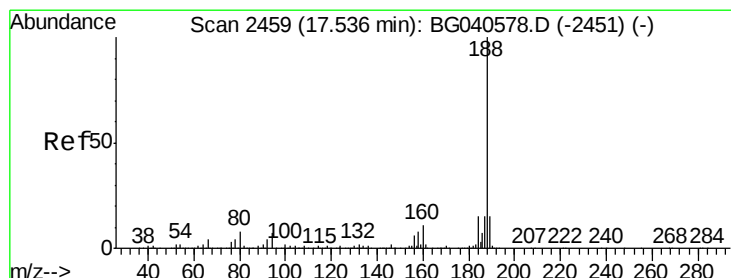
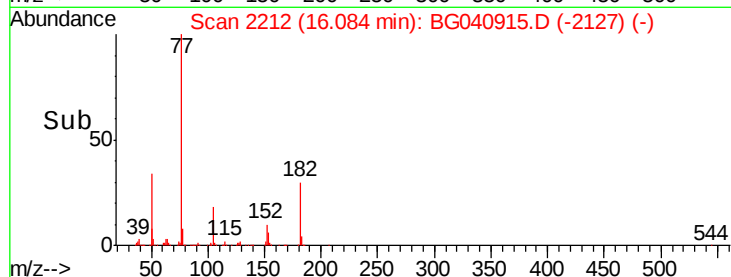
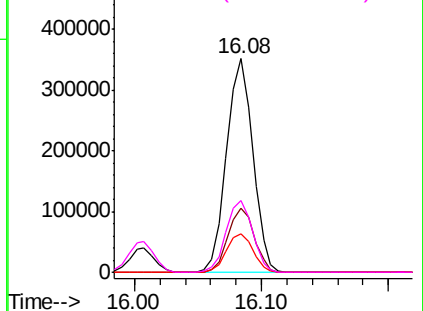


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040915.D

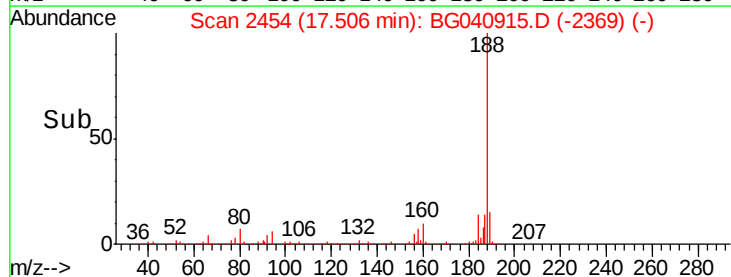
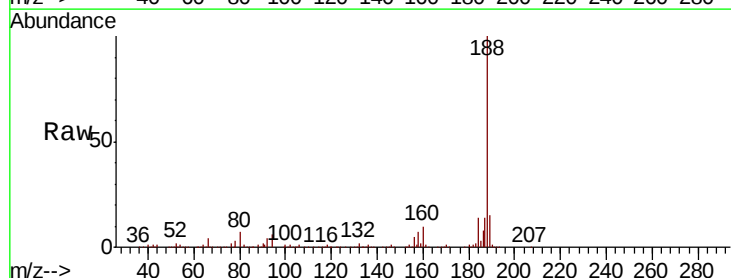
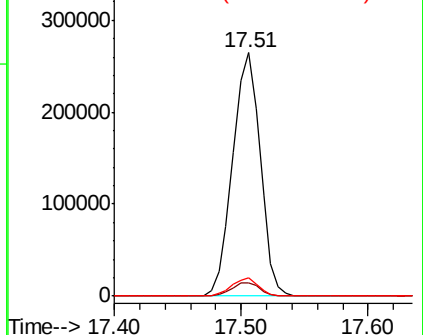
Acq: 13 May 2019 17:32

Tgt Ion:	188	Resp:	398347
Ion Ratio	Lower	Upper	
188	100		
94	5.5	5.6	8.4#
80	7.4	6.4	9.6

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.109 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

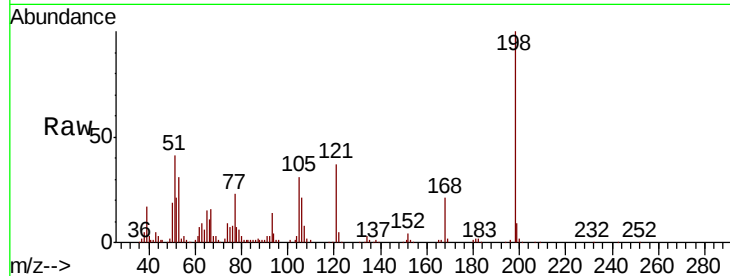
ClientSampleId :

PB119674BSD

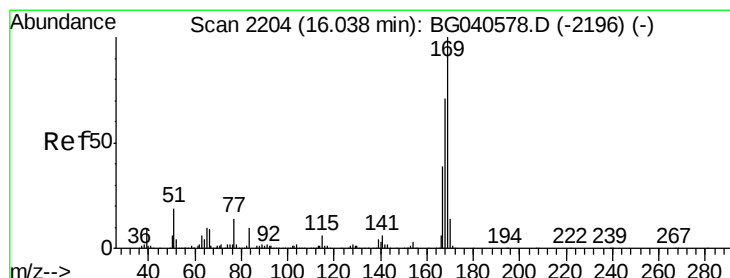
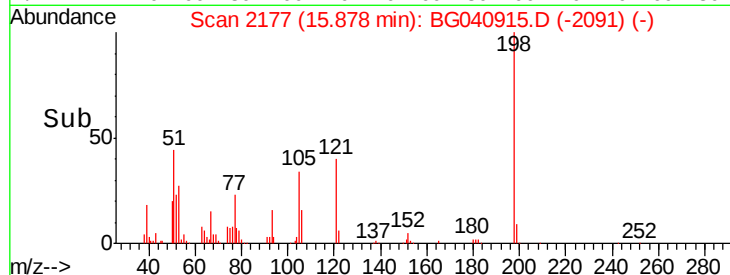
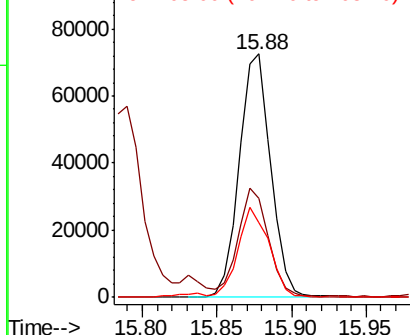
Tot Ion:	198	Resp:	105982
Ion Ratio	Lower	Upper	
198	100		
51	40.6	35.9	75.9
105	30.6	21.2	61.2

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



#66

n-Nitrosodiphenylamine

Concen: 39.345 ng

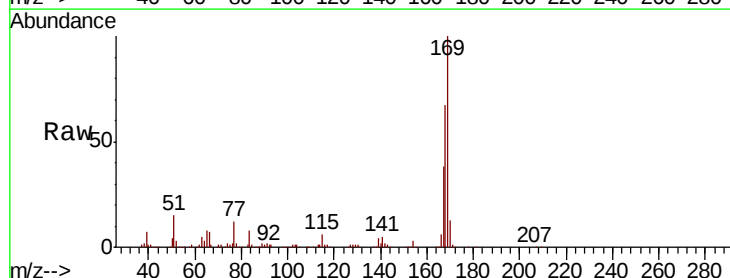
RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

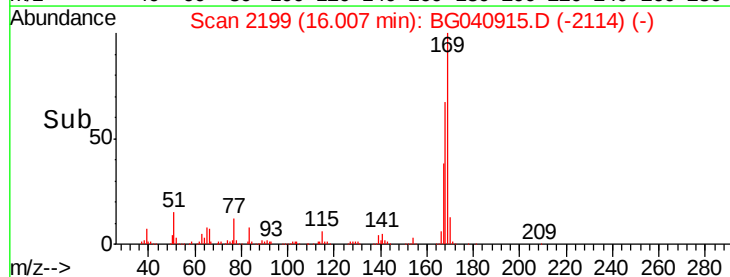
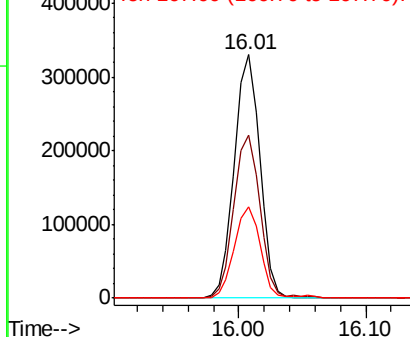
Lab File: BG040915.D

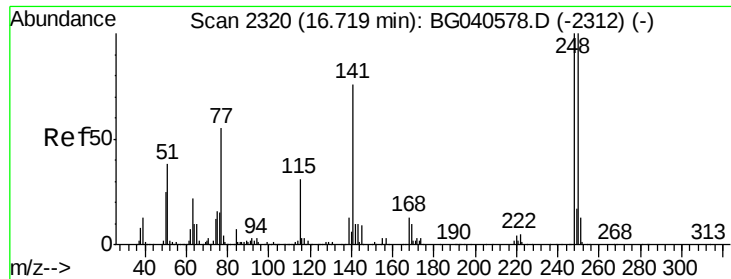
Acq: 13 May 2019 17:32

Tgt Ion:	169	Resp:	461112
Ion Ratio	Lower	Upper	
169	100		
168	67.0	56.8	85.2
167	37.7	31.4	47.0



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





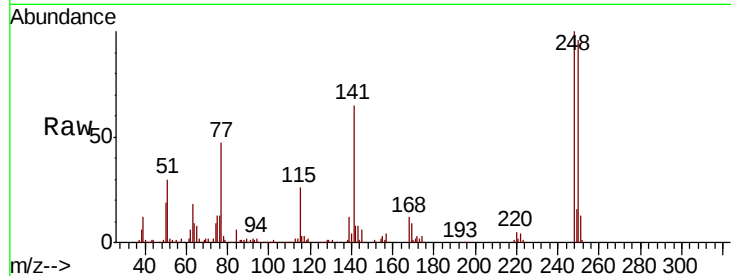
#67
4-Bromophenyl-phenylether
Concen: 41.752 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.8	119.6
141	64.5	60.8	91.2

Manual Integrations
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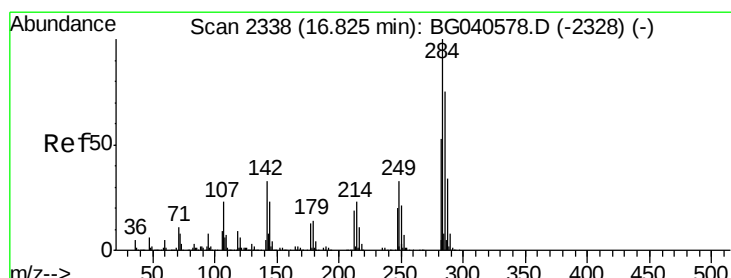
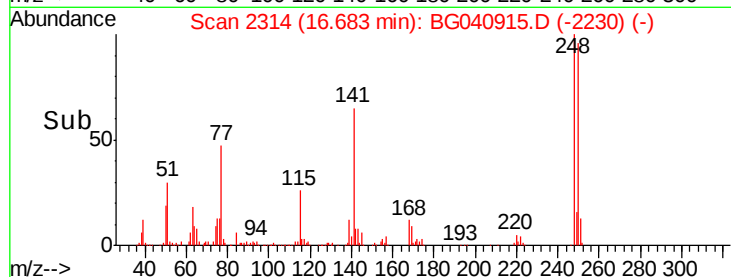
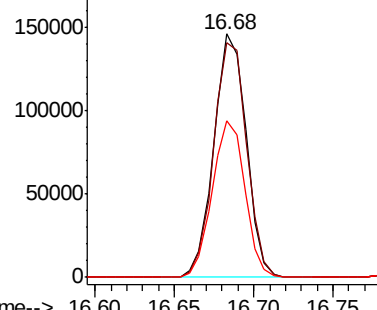


Abundance

Ion 248.00 (247.70 to 248.70): E

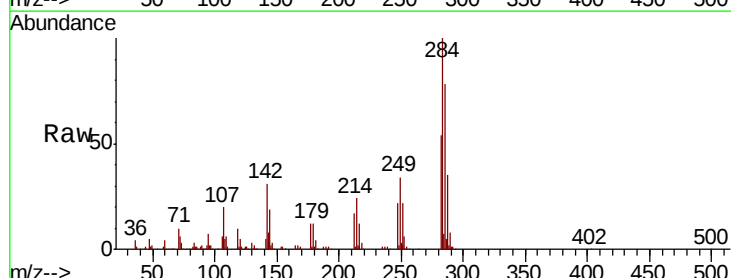
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.266 ng
RT: 16.79 min Scan# 2333
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.6	40.0
249	34.1	26.0	39.0

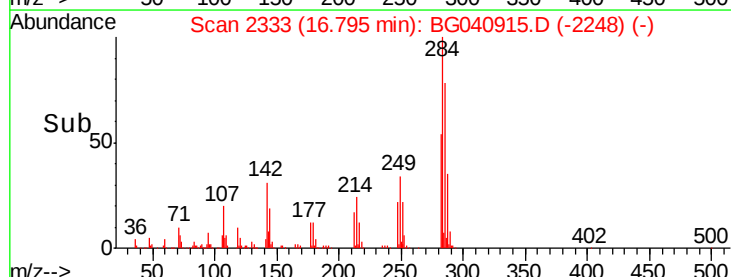
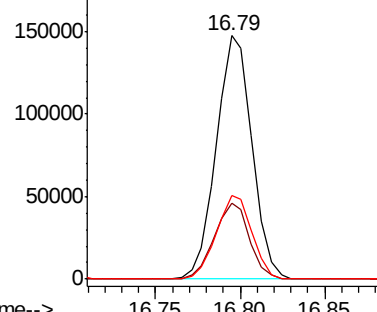


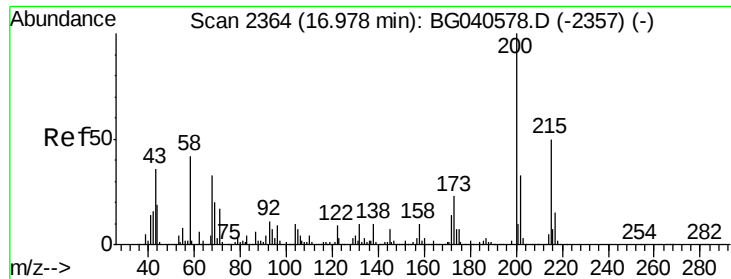
Abundance

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





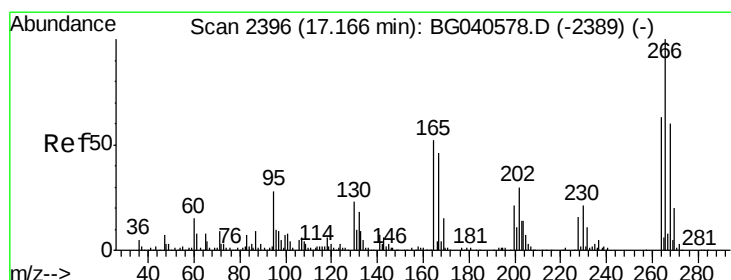
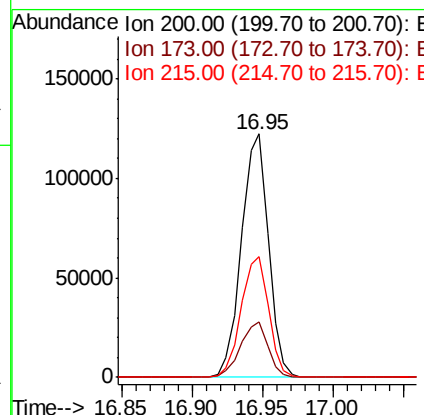
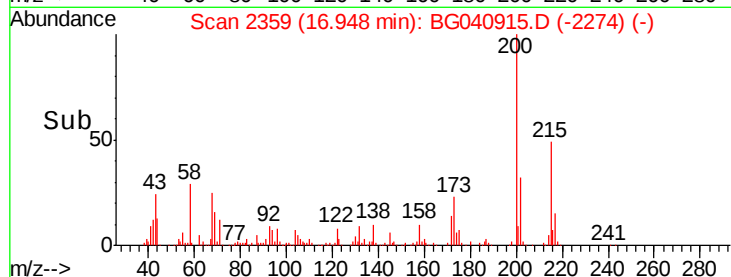
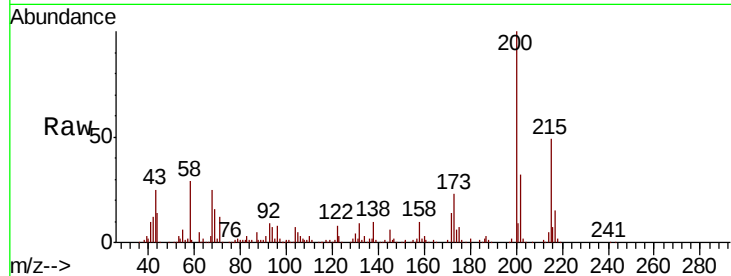
#69
Atrazine
Concen: 35.186 ng
RT: 16.95 min Scan# 2359
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.7	2.8	42.8
215	49.4	30.2	70.2

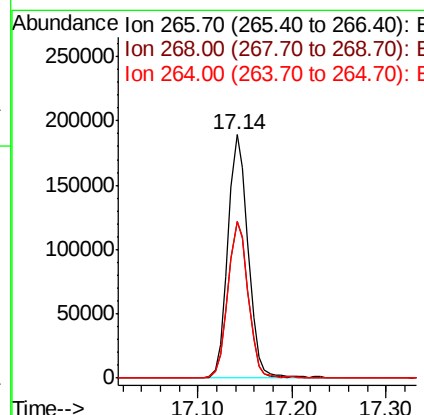
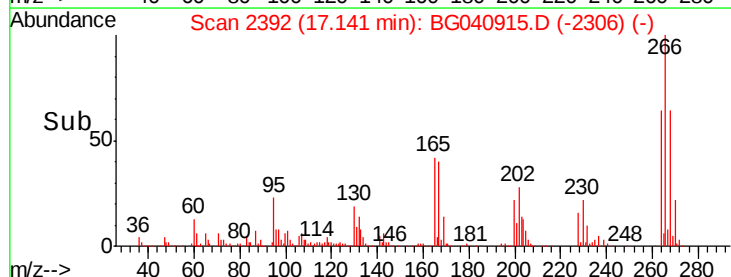
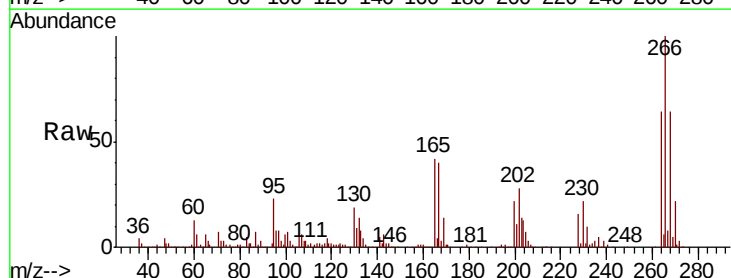
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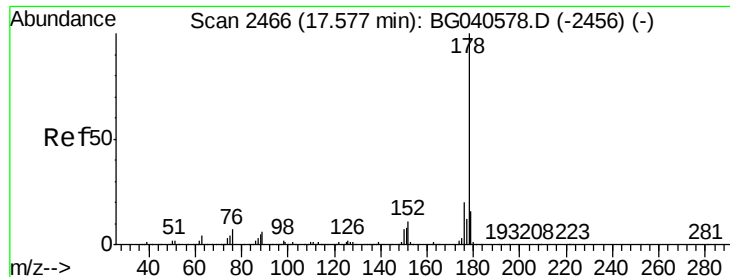
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#70
Pentachlorophenol
Concen: 94.696 ng
RT: 17.14 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	52.3	78.5
264	64.2	50.0	75.0





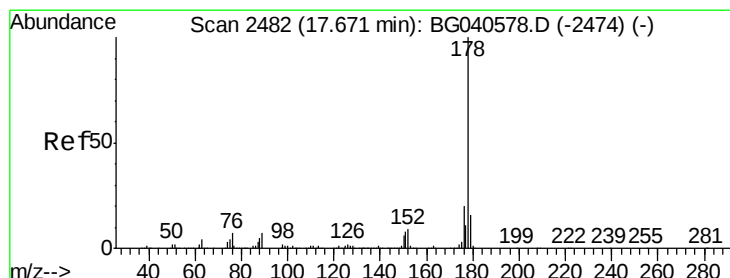
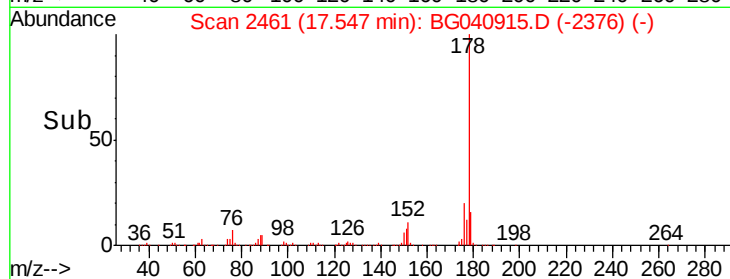
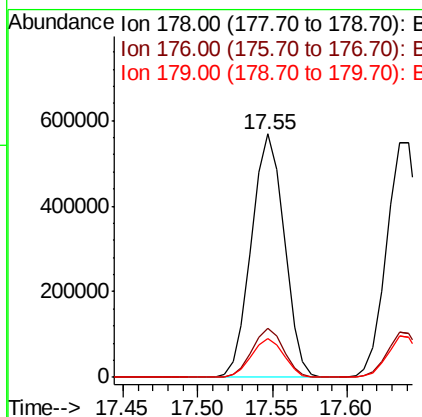
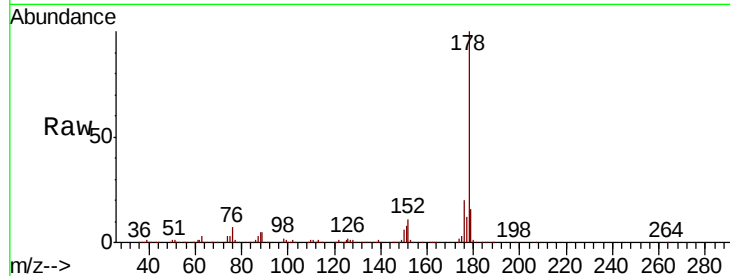
#71
Phenanthrene
Concen: 40.270 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.0	12.6	18.8

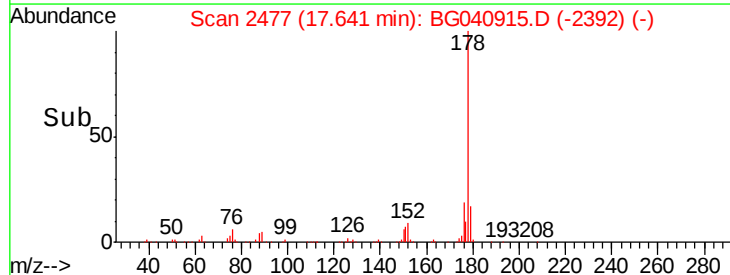
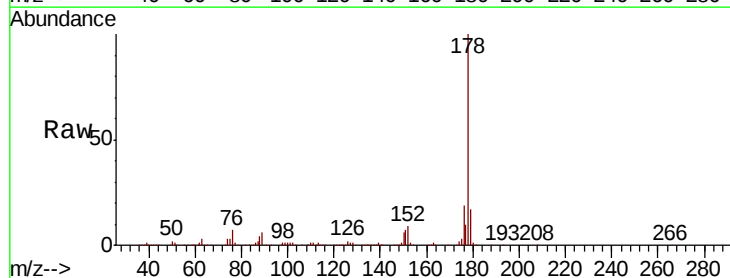
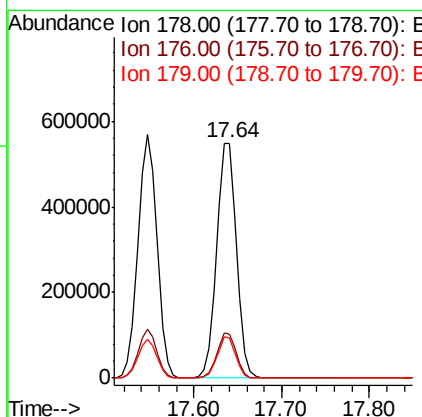
Manual Integrations
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#72
Anthracene
Concen: 40.096 ng
RT: 17.64 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	17.1	12.9	19.3





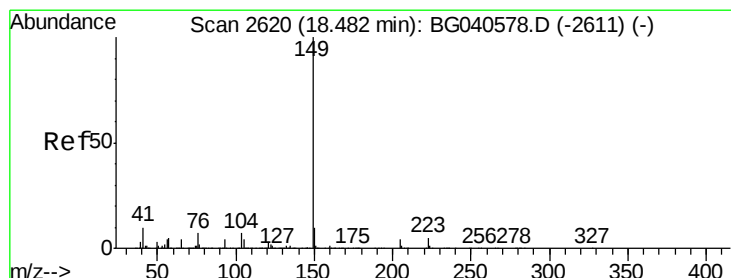
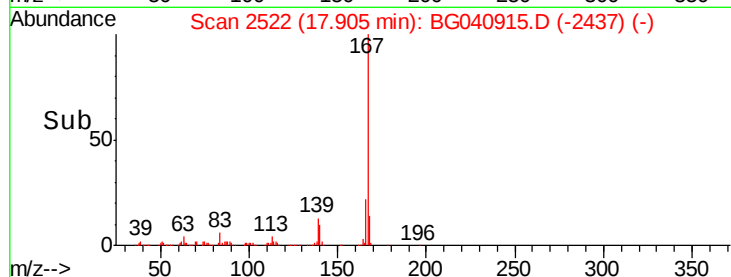
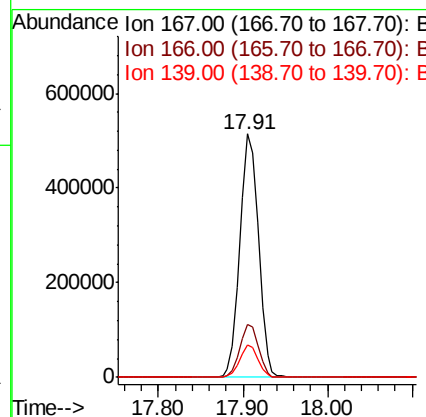
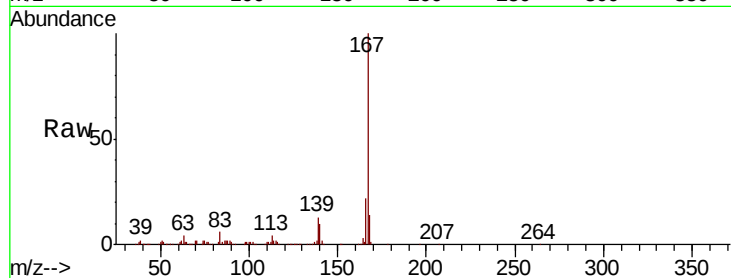
#73
 Carbazole
 Concen: 39.485 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.03 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	775851		
166	21.7		18.2	27.4
139	13.4		11.4	17.0

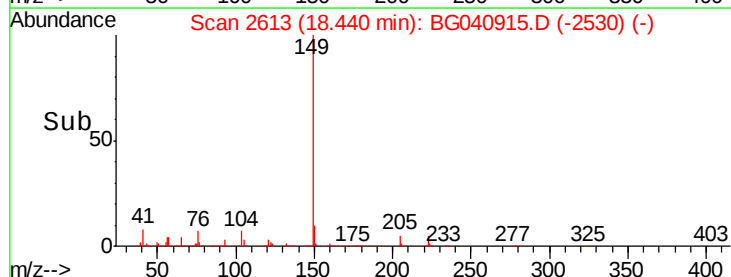
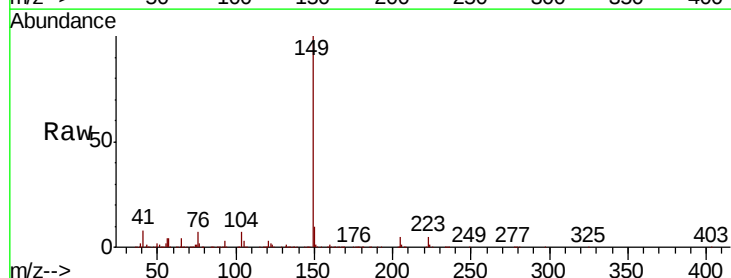
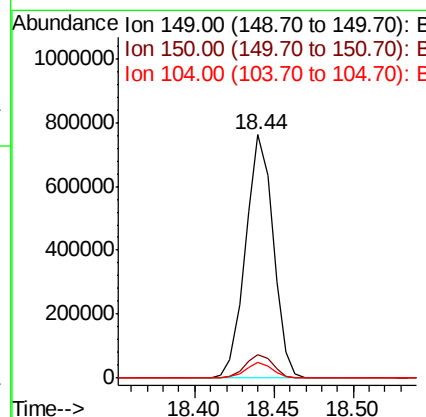
Manual Integrations
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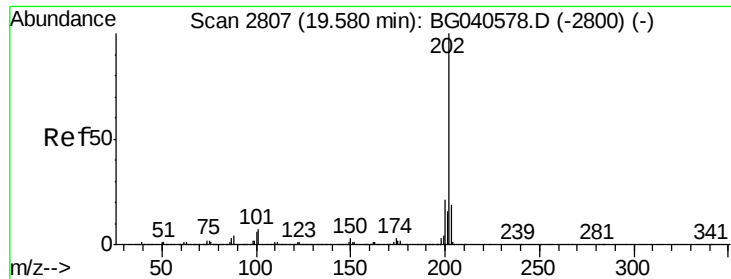
Sohil
 5/14/2019 8:04:40 PM



#74
 Di-n-butylphthalate
 Concen: 38.989 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	924659		
150	9.7		8.2	12.2
104	6.6		5.4	8.2





#75

Fluoranthene

Concen: 42.532 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

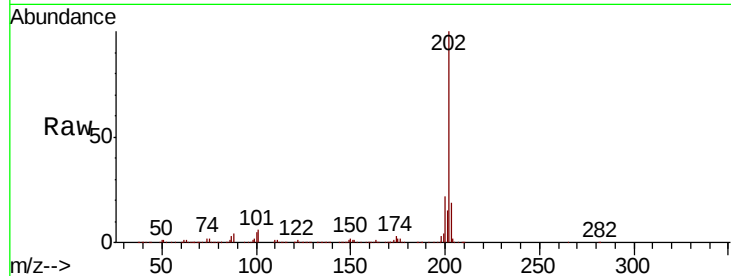
ClientSampleId :

PB119674BSD

Tot Ion:	202	Resp:	1137207
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	27.5
203	18.8	0.0	39.3

Manual Integrations
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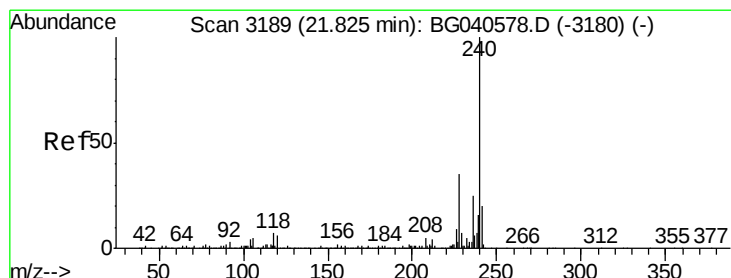
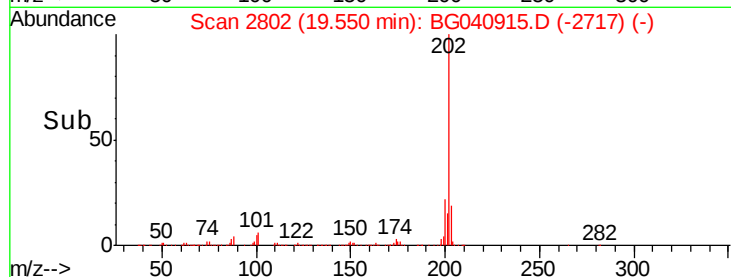
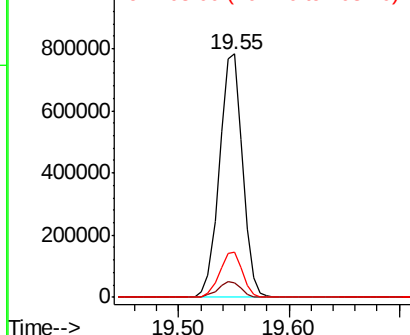


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

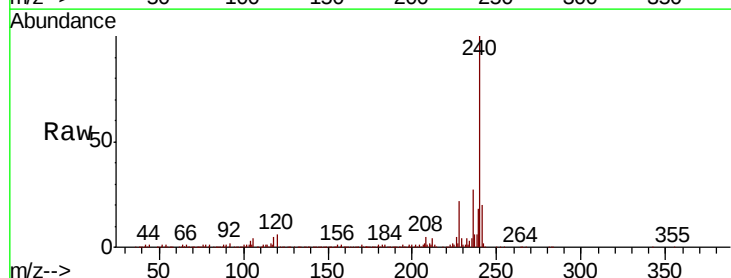
RT: 21.79 min Scan# 3183

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	240	Resp:	455455
Ion Ratio	Lower	Upper	
240	100		
120	5.5	5.0	7.6
236	26.7	20.3	30.5

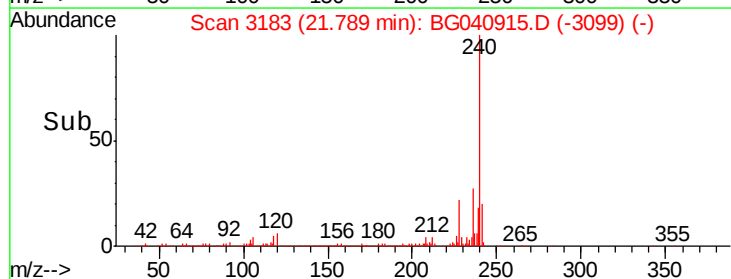
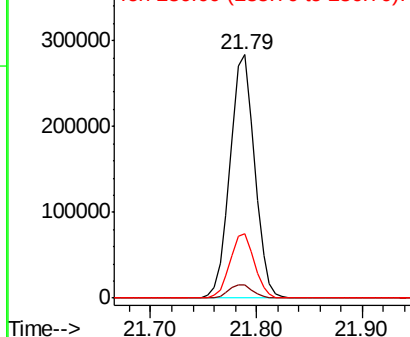


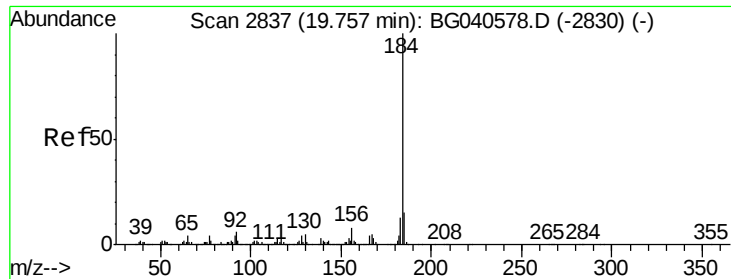
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.968 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

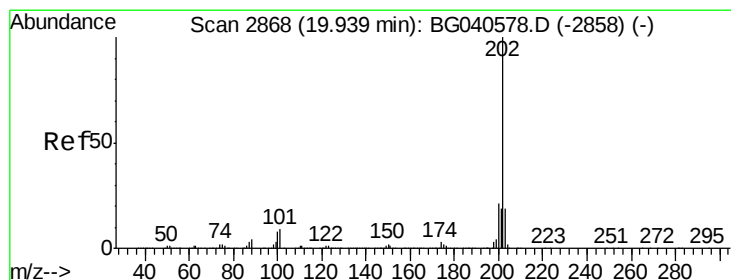
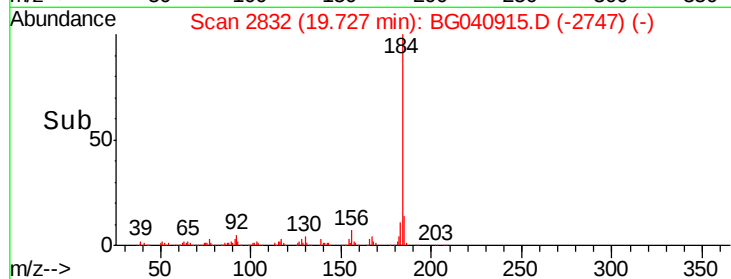
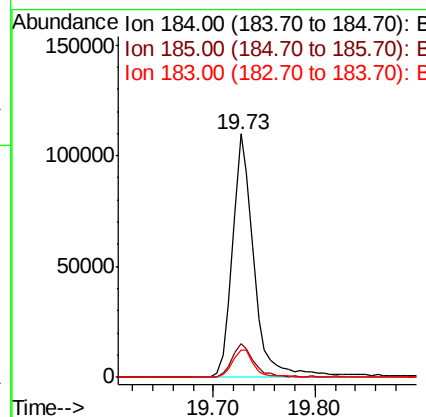
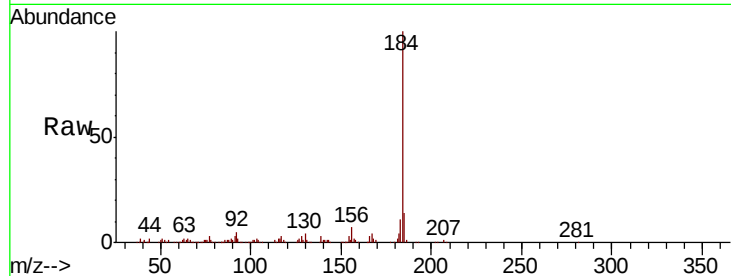
ClientSampled :

PB119674BSD

Tot Ion:	184	Resp:	161720
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.8	17.8
183	11.4	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 40.093 ng

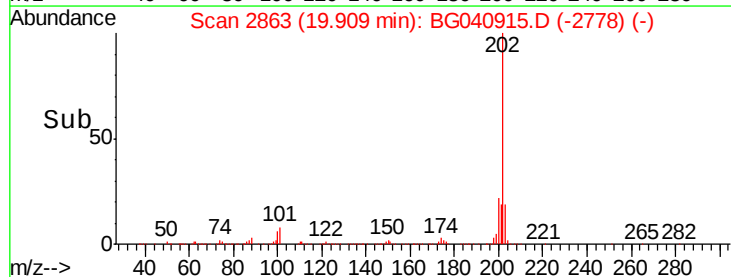
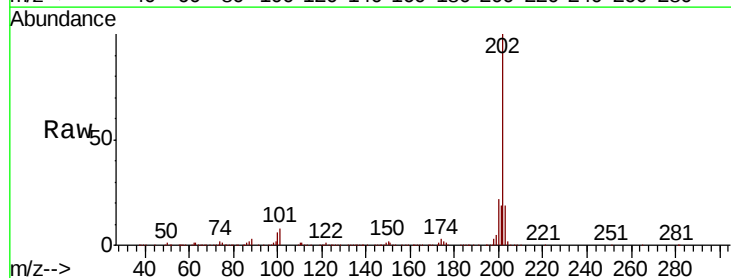
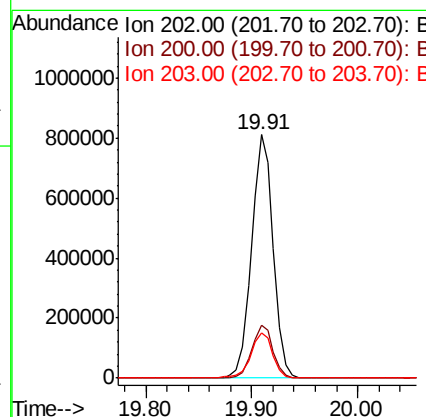
RT: 19.91 min Scan# 2863

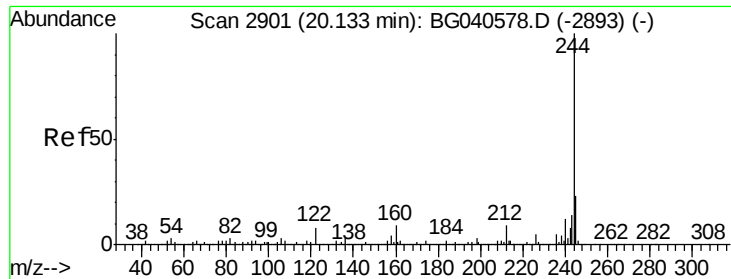
Delta R.T. -0.03 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	202	Resp:	1144487
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.2	25.8
203	18.7	15.0	22.4





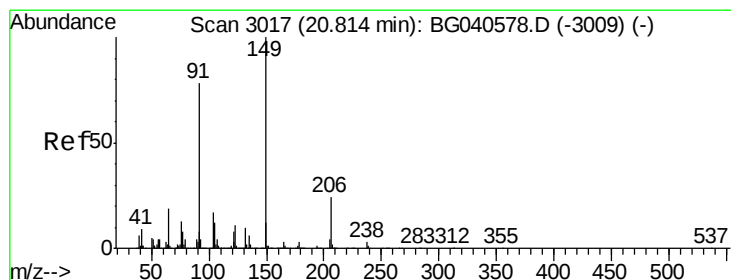
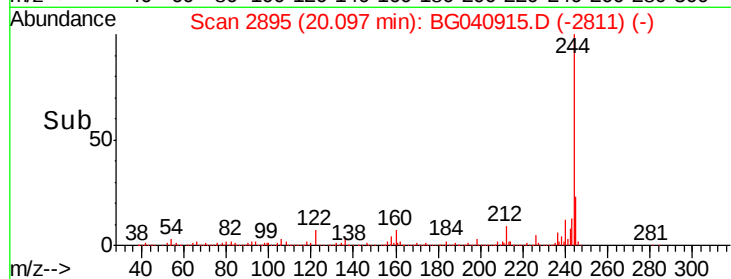
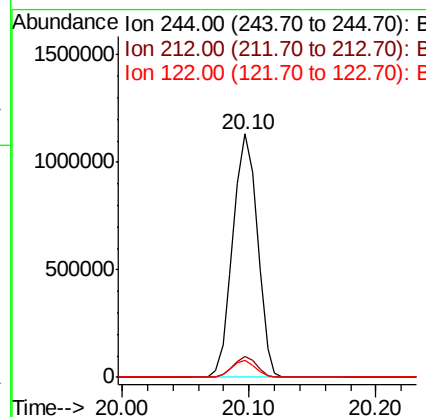
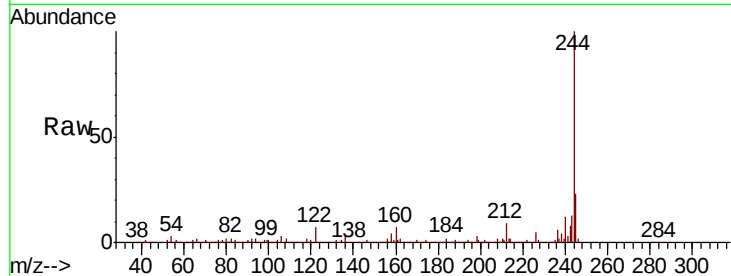
#79
 Terphenyl-d14
 Concen: 74.102 ng
 RT: 20.10 min Scan# 2895
 Delta R.T. -0.04 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BSD

Tot Ion:	244	Resp:	1523411
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	7.2	6.6	10.0

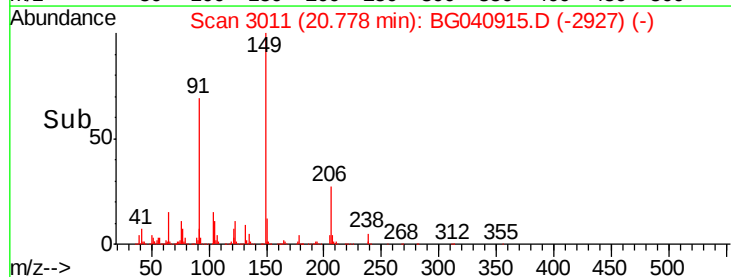
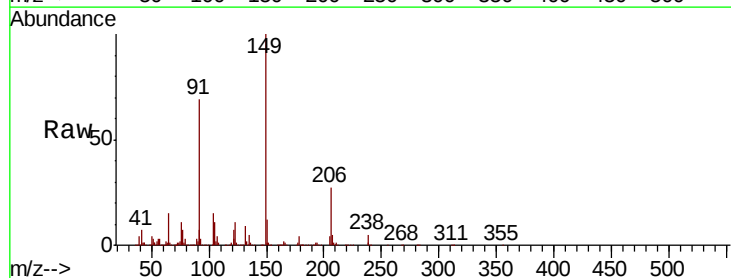
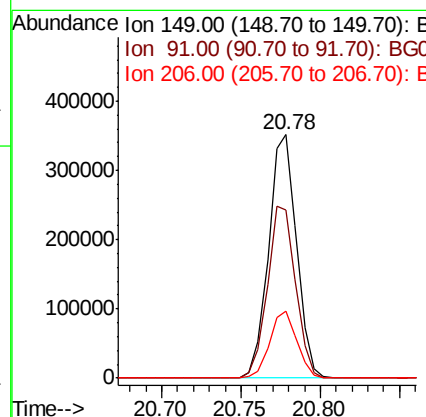
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 38.803 ng
 RT: 20.78 min Scan# 3011
 Delta R.T. -0.04 min
 Lab File: BG040915.D
 Acq: 13 May 2019 17:32

Tgt Ion:	149	Resp:	431712
Ion	Ratio	Lower	Upper
149	100		
91	69.2	62.6	93.8
206	27.4	19.4	29.2





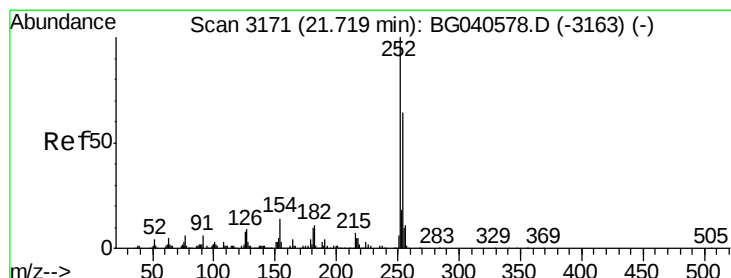
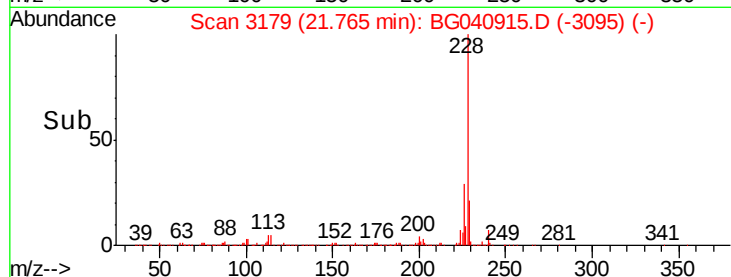
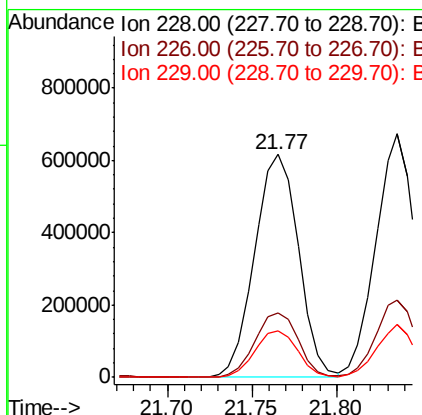
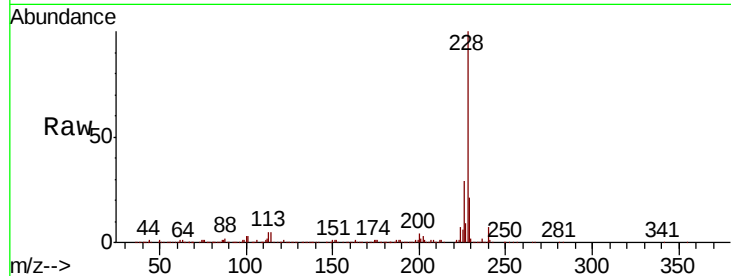
#81
Benzo(a)anthracene
Concen: 38.654 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.1	34.7
229	21.1	17.0	25.4

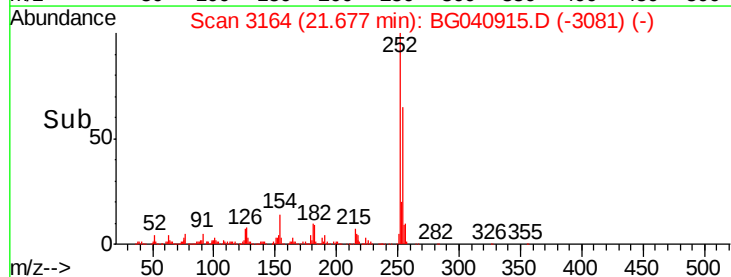
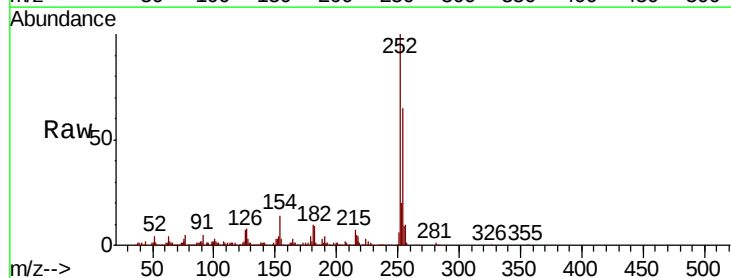
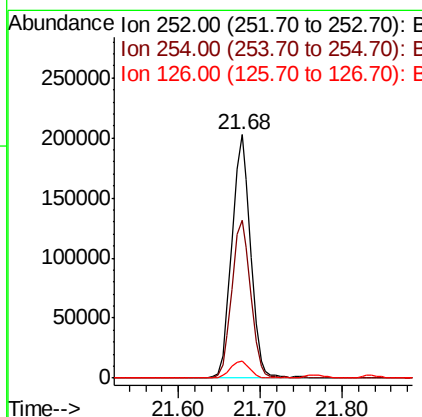
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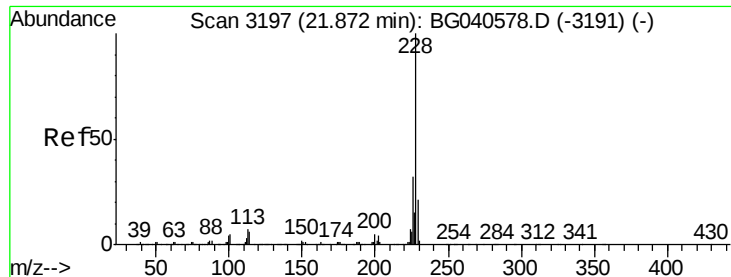
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 31.656 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.04 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	7.2	6.6	10.0





#83

Chrysene

Concen: 39.706 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.04 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB119674BSD

Tot Ion:228 Resp: 1086974

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	21.5	16.8	25.2

228 100

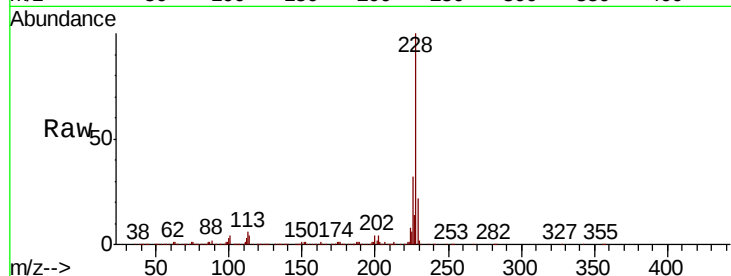
226 31.9 25.5 38.3

229 21.5 16.8 25.2

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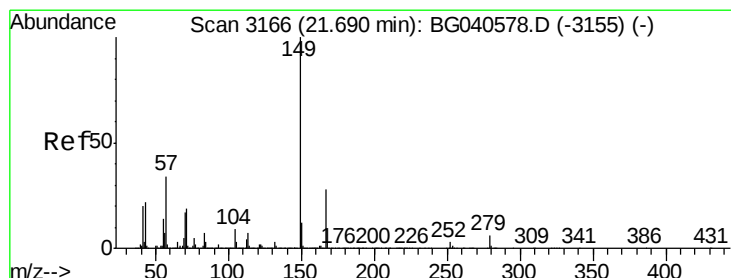
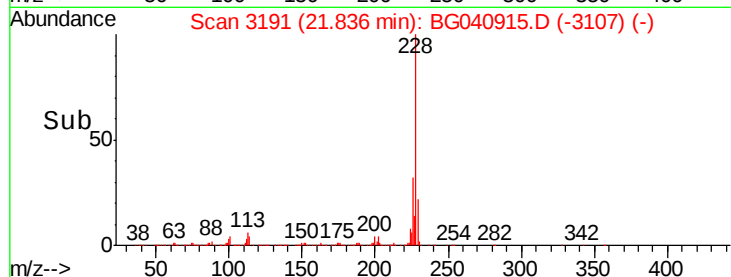
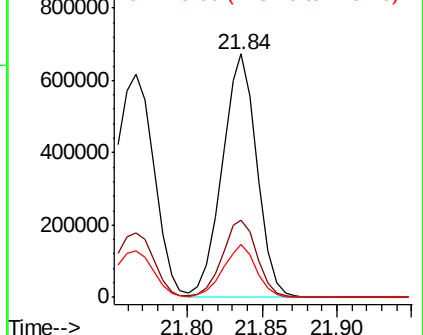


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.759 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.05 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

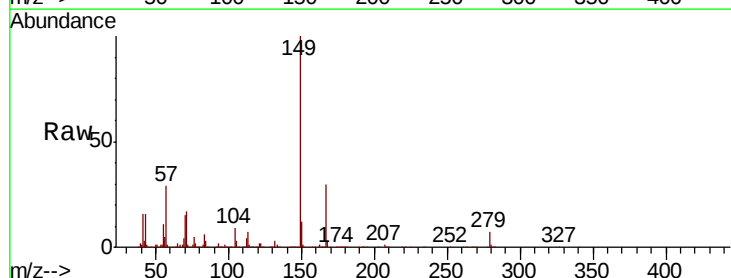
Tgt Ion:149 Resp: 606415

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.4	33.6
279	6.7	4.6	6.8

149 100

167 30.0 22.4 33.6

279 6.7 4.6 6.8

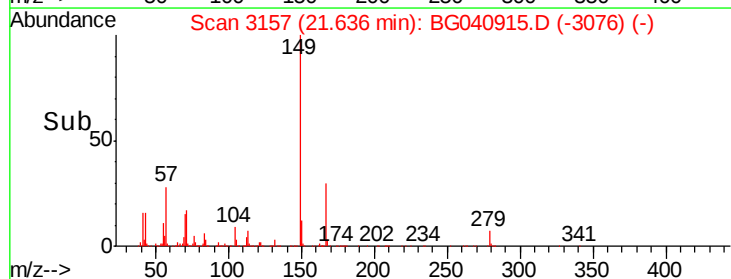
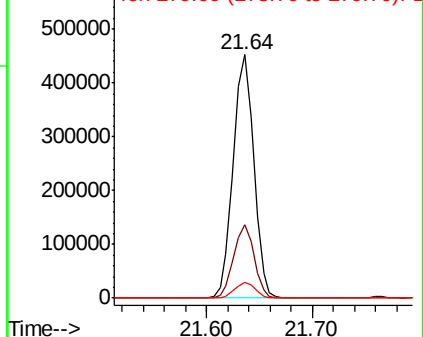


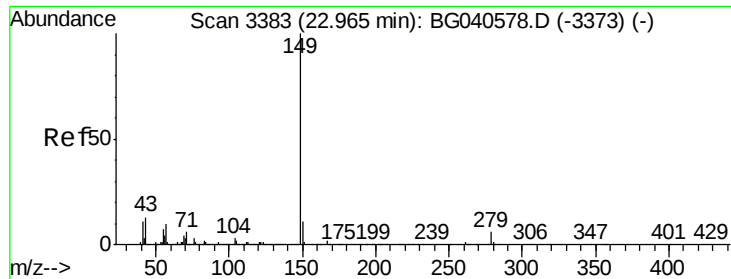
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





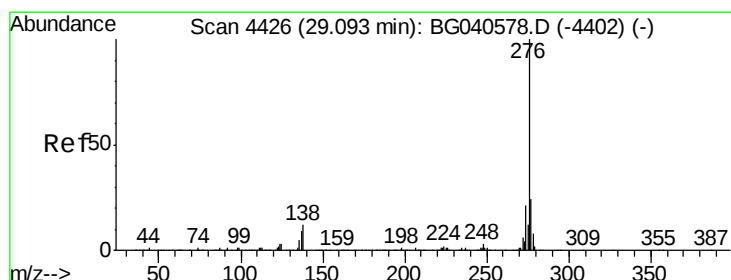
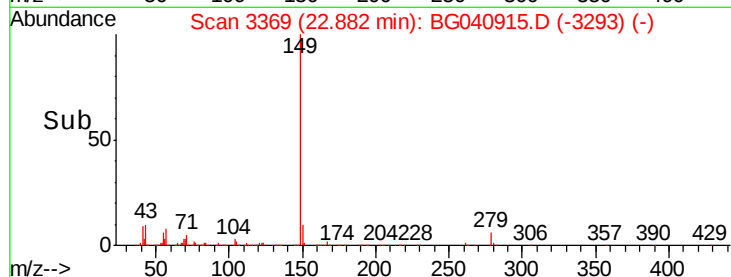
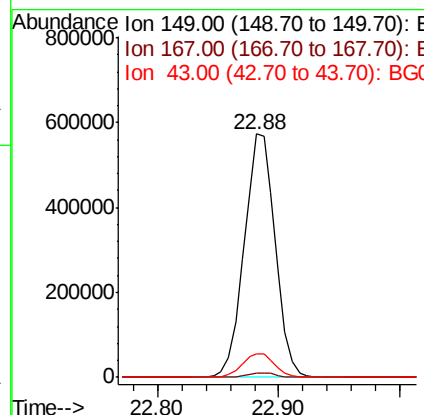
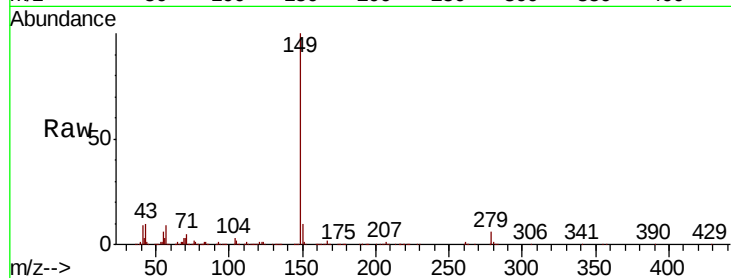
#85
Di-n-octyl phthalate
Concen: 37.767 ng
RT: 22.88 min Scan# 3369
Delta R.T. -0.08 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	10.1	10.2	15.2

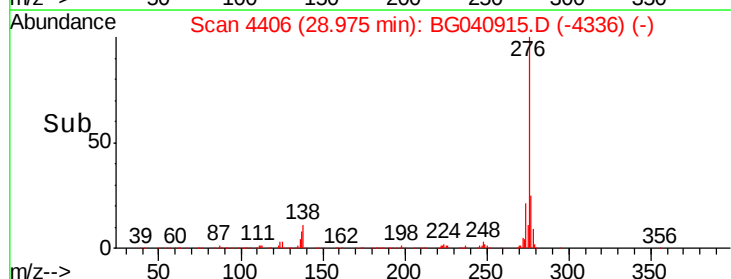
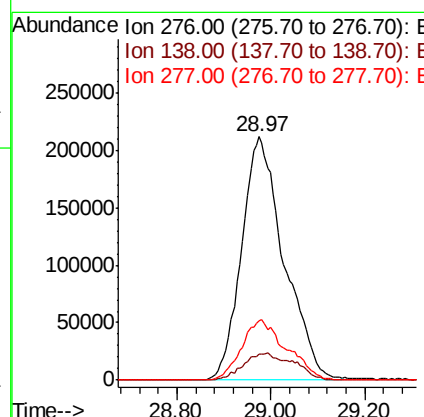
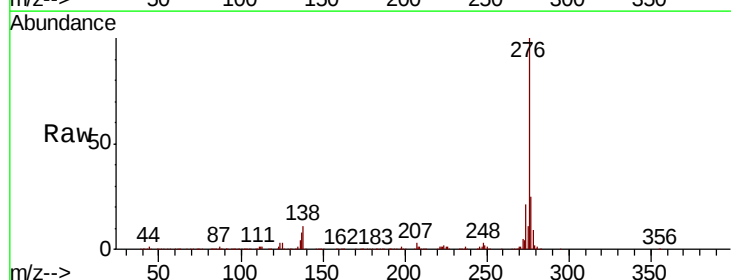
Manual Integrations
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.103 ng
RT: 28.97 min Scan# 4406
Delta R.T. -0.12 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	9.8	14.6
277	26.2	17.3	25.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3751

Delta R.T. -0.08 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

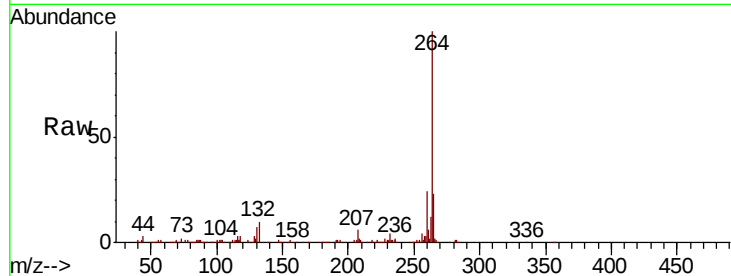
ClientSampleId :

PB119674BSD

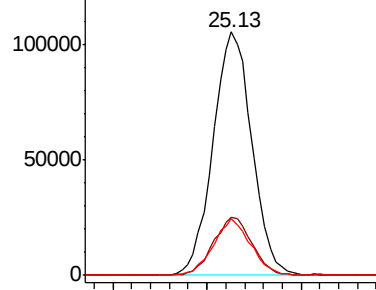
Tot Ion:	264	Resp:	301605
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	23.1	16.6	25.0

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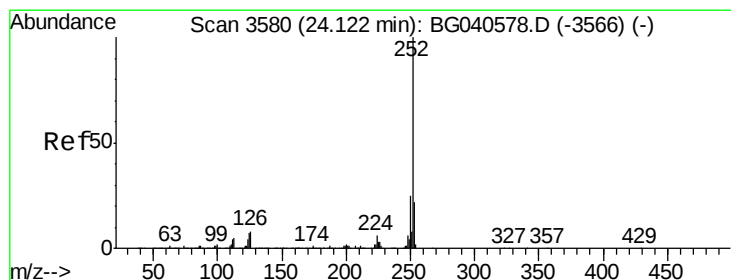
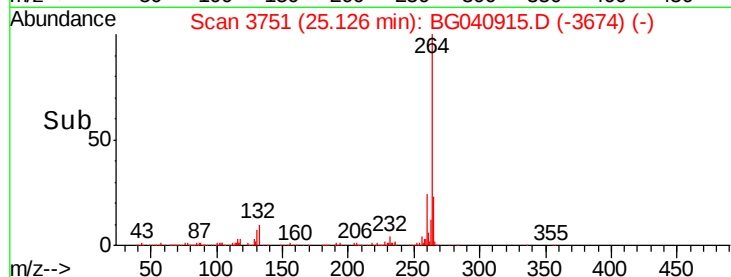
Sohil
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 62.938 ng

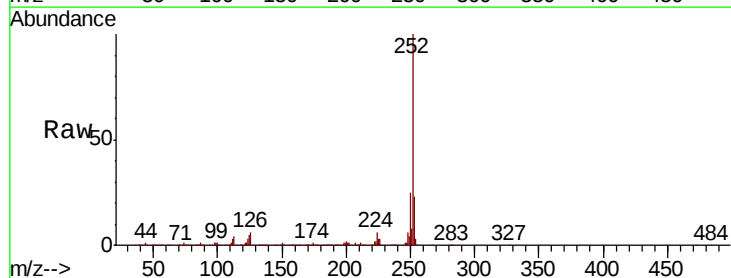
RT: 24.06 min Scan# 3570

Delta R.T. -0.06 min

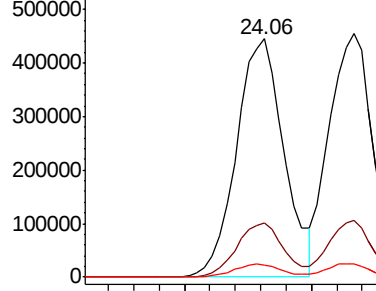
Lab File: BG040915.D

Acq: 13 May 2019 17:32

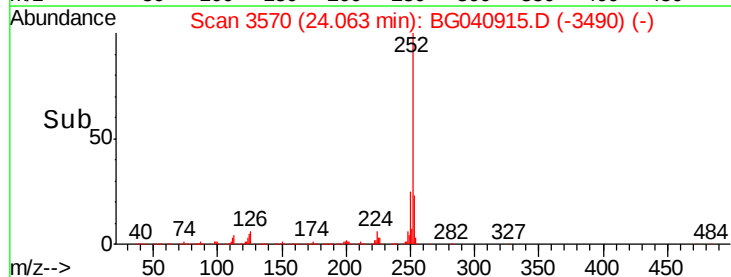
Tgt Ion:	252	Resp:	1159987
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	5.1	5.4	8.0#



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



Time-->





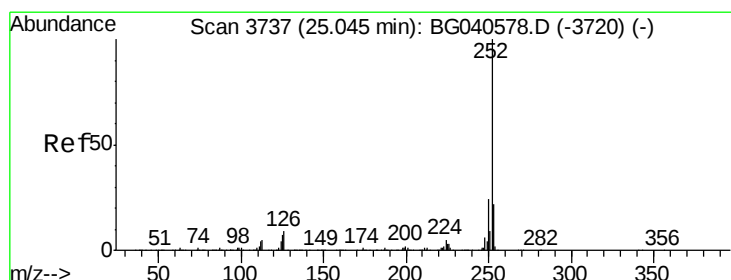
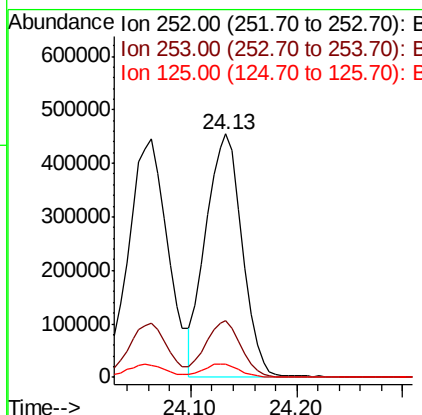
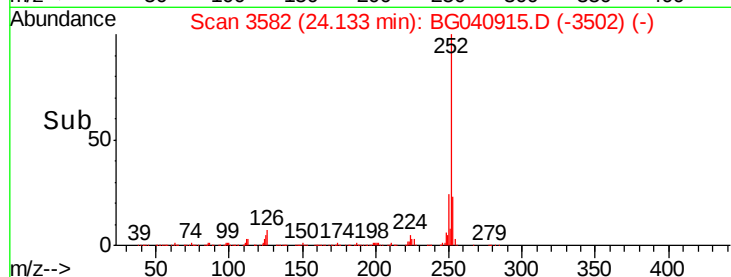
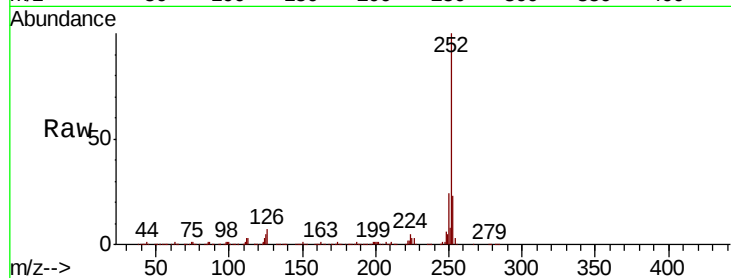
#89
Benzo(k)fluoranthene
Concen: 63.239 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.06 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB119674BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	5.2	5.5	8.3

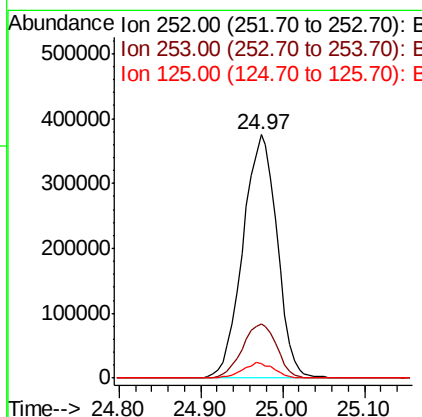
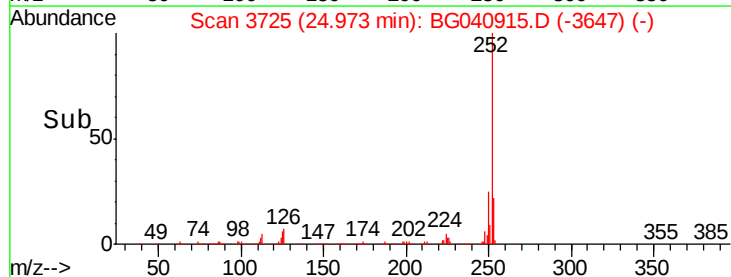
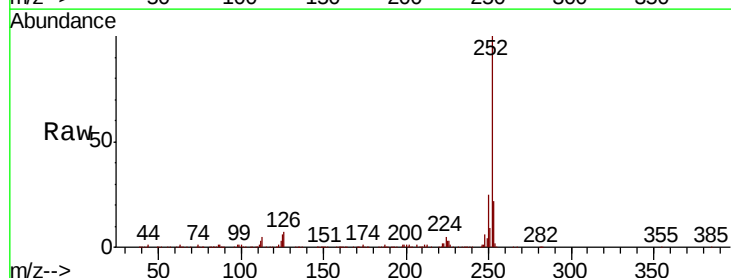
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 62.496 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.07 min
Lab File: BG040915.D
Acq: 13 May 2019 17:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.9	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 62.460 ng

RT: 29.05 min Scan# 4418

Delta R.T. -0.12 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Instrument :

BNA_G

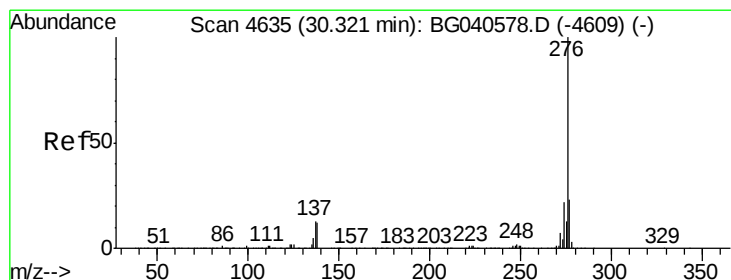
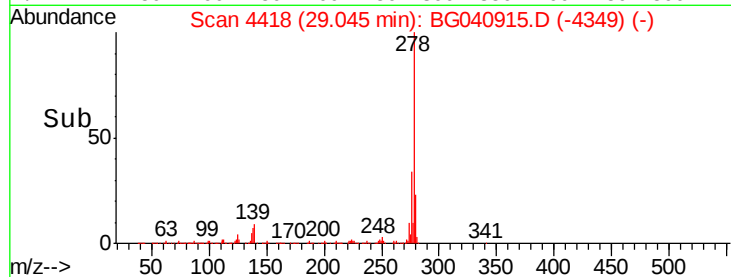
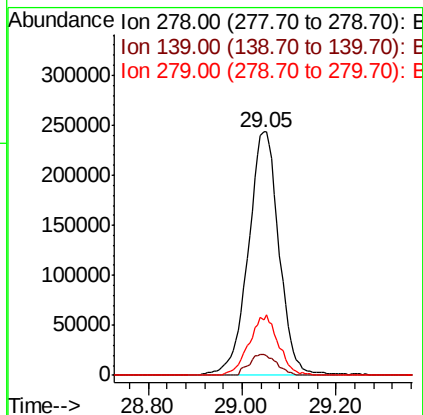
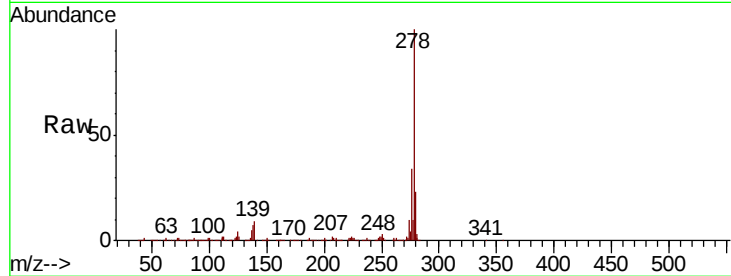
ClientSampleId :

PB119674BSD

Tot Ion:	278	Resp:	1102721
Ion	Ratio	Lower	Upper
278	100		
139	8.7	8.2	12.4
279	22.7	18.5	27.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 62.955 ng

RT: 30.19 min Scan# 4613

Delta R.T. -0.13 min

Lab File: BG040915.D

Acq: 13 May 2019 17:32

Tgt Ion:	276	Resp:	1106167
Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	11.0	9.8	14.6

