

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028921.D
 Acq On : 25 Sep 2017 23:53
 Operator : SJ/JU
 Sample : I5380-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Manual Integrations
 APPROVED

Sohil
 9/26/2017 5:00:18 PM

Quant Time: Sep 26 11:50:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22765	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	97700	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	76246	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	233453	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	274825	20.00	ng	-0.07
86) Perylene-d12	25.43	264	280212	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	197515	143.16	ng	-0.05
7) Phenol-d6	7.44	99	242069	116.53	ng	-0.05
23) Nitrobenzene-d5	9.45	82	205780	100.76	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	231765	183.79	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	544618	95.25	ng	-0.05
78) Terphenyl-d14	20.23	244	1275239	98.96	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.78	88	21630	38.715	ng	# 84
3) Pyridine	4.18	79	54440	34.159	ng	94
4) n-Nitrosodimethylamine	4.08	42	33517	46.232	ng	# 81
6) Aniline	7.61	93	70294	29.077	ng	# 90
8) 2-Chlorophenol	7.85	128	76524	49.755	ng	94
9) Benzaldehyde	7.42	77	20218	15.688	ng	90
10) Phenol	7.46	94	83179	37.942	ng	86
11) bis(2-Chloroethyl)ether	7.69	93	74692	47.456	ng	93
12) 1,3-Dichlorobenzene	8.17	146	81171	49.013	ng	90
13) 1,4-Dichlorobenzene	8.32	146	85757	50.358	ng	94
14) 1,2-Dichlorobenzene	8.64	146	79657	47.347	ng	94
15) Benzyl Alcohol	8.52	79	77111	47.553	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	135783	47.468	ng	99
17) 2-Methylphenol	8.72	107	72371	50.520	ng	# 91
18) Hexachloroethane	9.36	117	31016	49.693	ng	94
19) n-Nitroso-di-n-propylamine	9.07	70	69895	47.466	ng	# 89
20) 3+4-Methylphenols	9.05	107	94000	46.913	ng	96
22) Acetophenone	9.10	105	131090	45.889	ng	# 89
24) Nitrobenzene	9.49	77	105066	46.458	ng	# 92
25) Isophorone	10.01	82	194885	47.160	ng	99
26) 2-Nitrophenol	10.21	139	42423	44.076	ng	99
27) 2,4-Dimethylphenol	10.26	122	82944	47.144	ng	98
28) bis(2-Chloroethoxy)methane	10.48	93	108520	48.357	ng	99
29) 2,4-Dichlorophenol	10.76	162	88817	50.738	ng	96
30) 1,2,4-Trichlorobenzene	10.96	180	93727	46.934	ng	98
31) Naphthalene	11.15	128	305834	59.936	ng	99
32) Benzoic acid	10.38	122	21701	21.252	ng	# 86
33) 4-Chloroaniline	11.29	127	10399	4.865	ng	93
34) Hexachlorobutadiene	11.42	225	65062	44.233	ng	98
35) Caprolactam	12.05	113	22870m	36.432	ng	
36) 4-Chloro-3-methylphenol	12.37	107	112135	49.222	ng	94
37) 2-Methylnaphthalene	12.74	142	206679	54.251	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	127027	40.519	ng	98
40) Hexachlorocyclopentadiene	13.08	237	109372	88.873	ng	97

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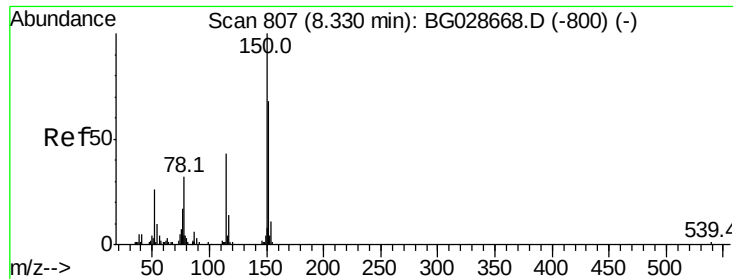
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 9/26/2017 5:00:18 PM

Quant Time: Sep 26 11:50:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	92592	46.535	nq	91
43) 2,4,5-Trichlorophenol	13.43	196	102252	51.142	nq #	91
45) 1,1'-Biphenyl	13.73	154	276178	43.748	nq	96
46) 2-Chloronaphthalene	13.78	162	217873	47.317	nq	98
47) 2-Nitroaniline	13.99	65	94302	55.107	nq	94
48) Acenaphthylene	14.62	152	359081	48.813	nq	97
49) Dimethylphthalate	14.34	163	332227	51.962	nq	99
50) 2,6-Dinitrotoluene	14.47	165	80077	56.287	nq #	80
51) Acenaphthene	14.96	154	228845	51.211	nq	94
52) 3-Nitroaniline	14.81	138	38429	30.546	nq #	90
53) 2,4-Dinitrophenol	15.02	184	58968	78.796	nq	92
54) Dibenzofuran	15.29	168	401122	56.288	nq	95
55) 4-Nitrophenol	15.13	139	86325	93.654	nq #	77
56) 2,4-Dinitrotoluene	15.26	165	118910	59.444	nq	87
57) Fluorene	15.94	166	356000	55.956	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	108249	61.431	nq	93
59) Diethylphthalate	15.69	149	365477	55.624	nq	97
60) 4-Chlorophenyl-phenylether	15.93	204	193971	53.543	nq	91
61) 4-Nitroaniline	15.98	138	78646	59.007	nq	87
62) Azobenzene	16.22	77	329768	59.676	nq	91
64) 4,6-Dinitro-2-methylphenol	16.03	198	63710	42.293	nq	92
65) n-Nitrosodiphenylamine	16.14	169	310666	46.421	nq	99
66) 4-Bromophenyl-phenylether	16.82	248	138412	46.077	nq	99
67) Hexachlorobenzene	16.95	284	151186	44.221	nq #	88
68) Atrazine	17.09	200	140319	48.833	nq	94
69) Pentachlorophenol	17.30	266	139171	90.094	nq	94
70) Phenanthrene	17.69	178	658587	55.166	nq	96
71) Anthracene	17.78	178	635505	52.697	nq	98
72) Carbazole	18.05	167	588672	54.199	nq #	94
73) Di-n-butylphthalate	18.58	149	663070	49.788	nq #	93
74) Fluoranthene	19.69	202	792504	54.367	nq	95
76) Benzidine	19.87	184	322052	45.189	nq	94
77) Pyrene	20.06	202	813841	51.340	nq	96
79) Butylbenzylphthalate	20.91	149	309053	48.274	nq	93
80) Benzo(a)anthracene	21.95	228	834962	50.473	nq	95
81) 3,3'-Dichlorobenzidine	21.85	252	179593	26.777	nq #	94
82) Chrysene	22.02	228	782106	49.828	nq	96
83) Bis(2-ethylhexyl)phthalate	21.81	149	431168	47.372	nq	100
84) Di-n-octyl phthalate	23.09	149	746497	46.943	nq #	89
85) Indeno(1,2,3-cd)pyrene	29.40	276	1003962	49.782	nq #	96
87) Benzo(b)fluoranthene	24.32	252	859833	51.217	nq	98
88) Benzo(k)fluoranthene	24.39	252	834175	49.744	nq	94
89) Benzo(a)pyrene	25.26	252	824766	51.758	nq	96
90) Dibenzo(a,h)anthracene	29.44	278	836103	50.327	nq #	98
91) Benzo(g,h,i)perylene	30.64	276	827464	51.046	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

ClientSampleId :

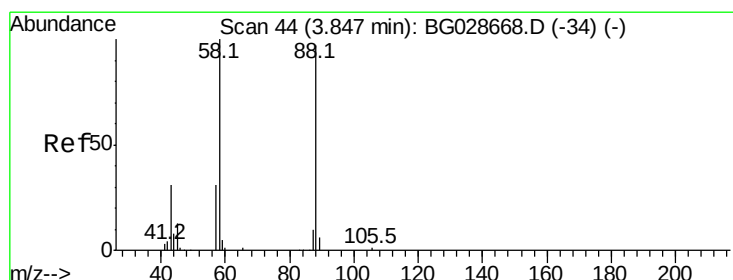
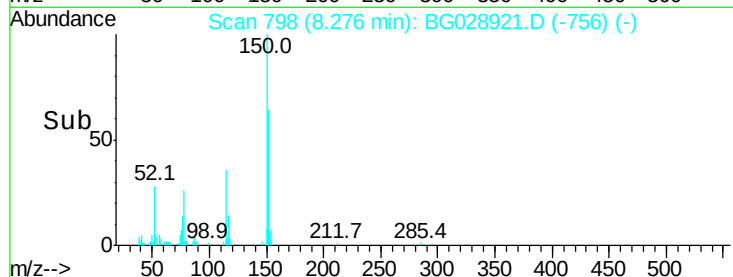
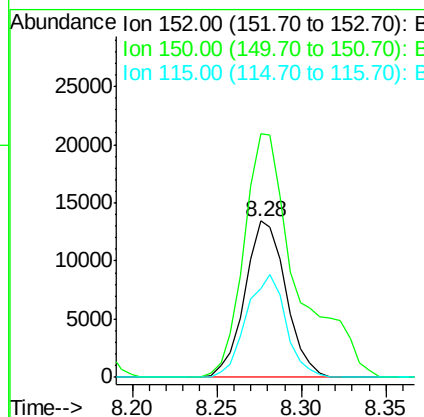
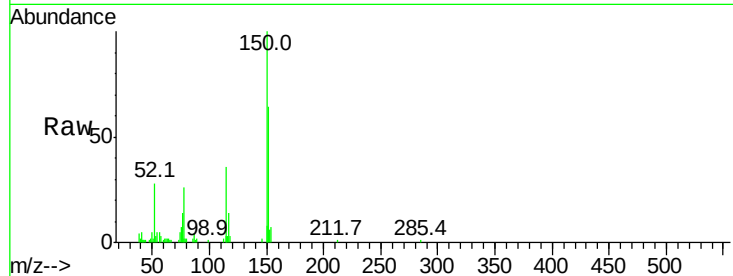
SU-04-092217MS

Tot Ion:	152	Resp:	22765
Ion Ratio	Lower	Upper	
152	100		
150	155.8	114.0	171.0
115	56.5	48.1	72.1

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#2

1,4-Dioxane

Concen: 38.715 ng

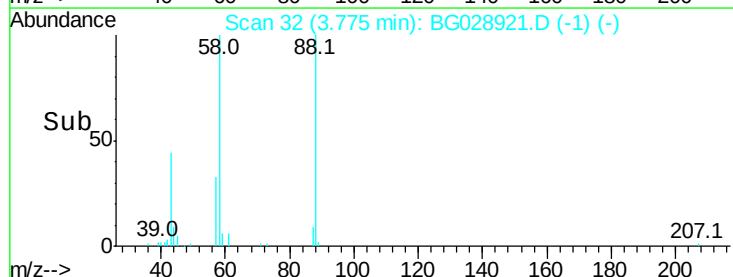
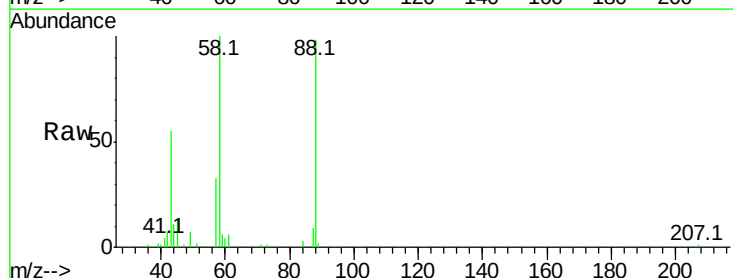
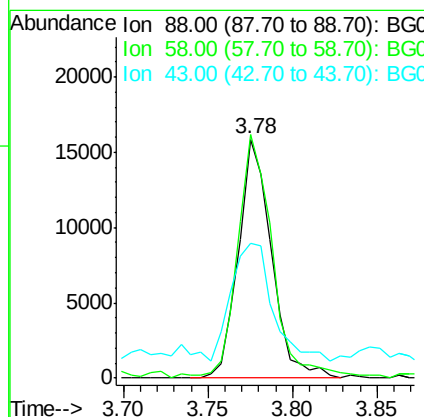
RT: 3.78 min Scan# 32

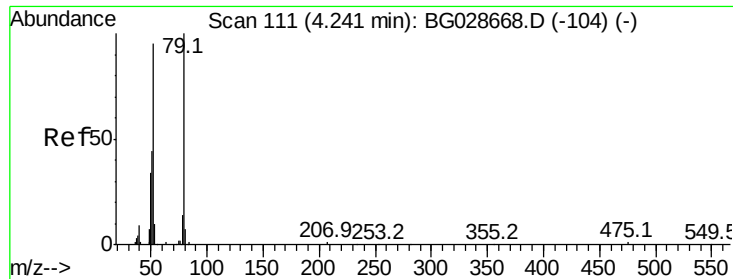
Delta R.T. -0.07 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	88	Resp:	21630
Ion Ratio	Lower	Upper	
88	100		
58	108.1	79.4	119.2
43	62.2	33.8	50.6#





#3

Pvridine

Concen: 34.159 ng

RT: 4.18 min Scan# 101

Delta R.T. -0.06 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

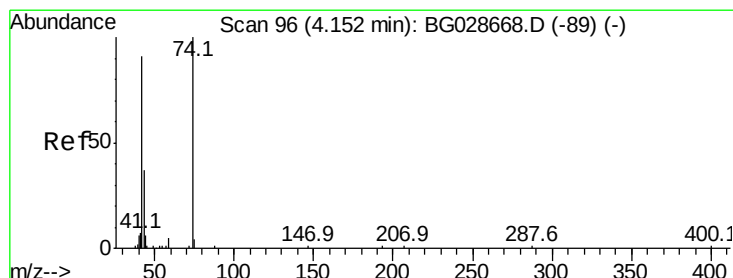
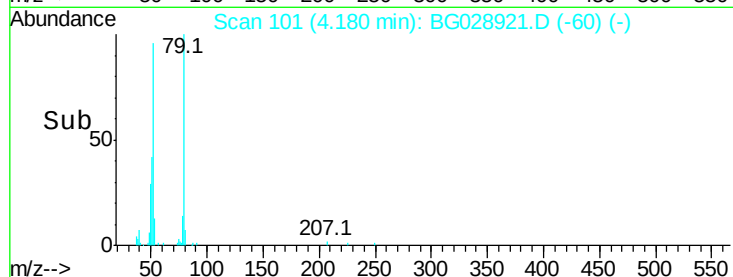
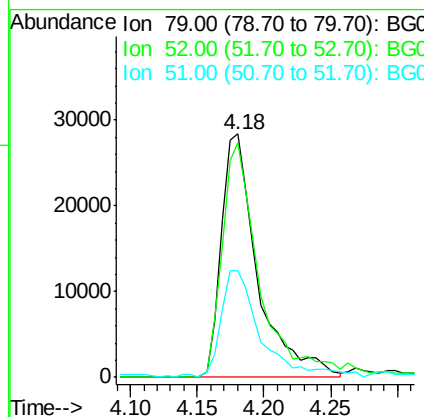
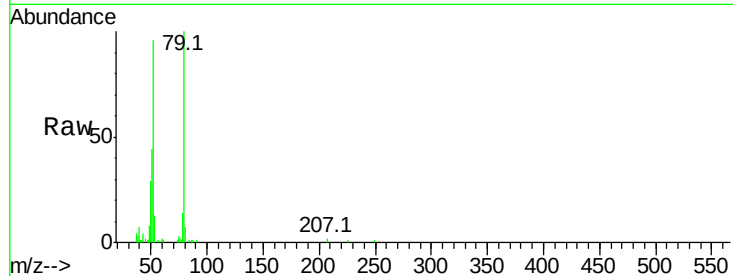
ClientSampleId :

SU-04-092217MS

Tot Ion:	79	Resp:	54440
Ion Ratio	Lower	Upper	
79	100		
52	96.3	77.8	116.6
51	43.6	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 46.232 ng

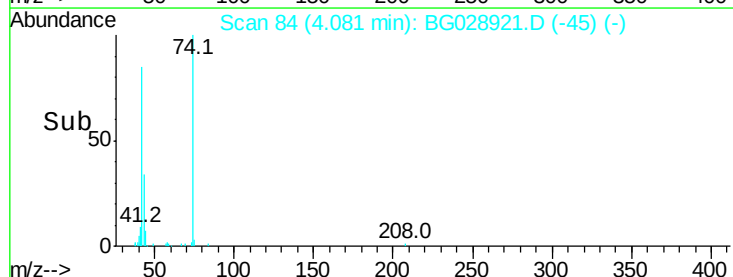
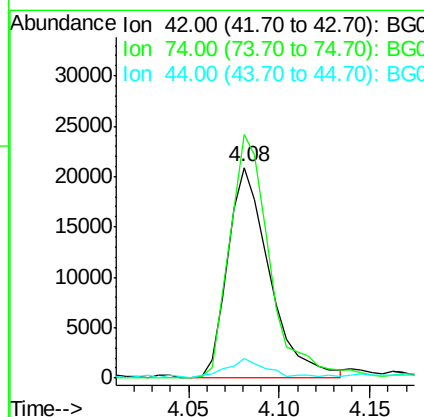
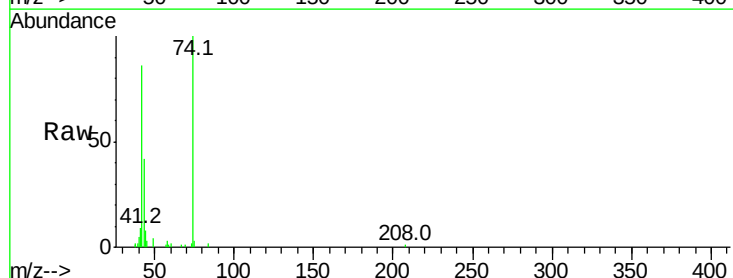
RT: 4.08 min Scan# 84

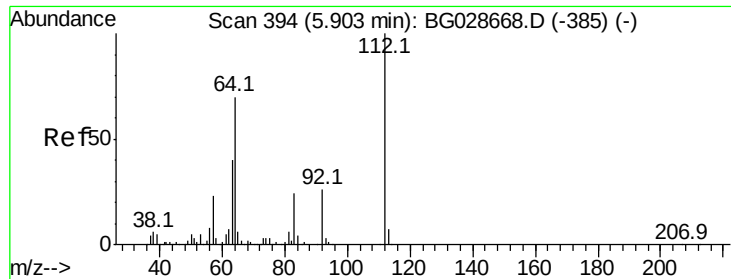
Delta R.T. -0.07 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	42	Resp:	33517
Ion Ratio	Lower	Upper	
42	100		
74	115.7	76.7	115.1#
44	9.5	6.1	9.1#





#5

2-Fluorophenol

Concen: 143.162 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

ClientSampleId :

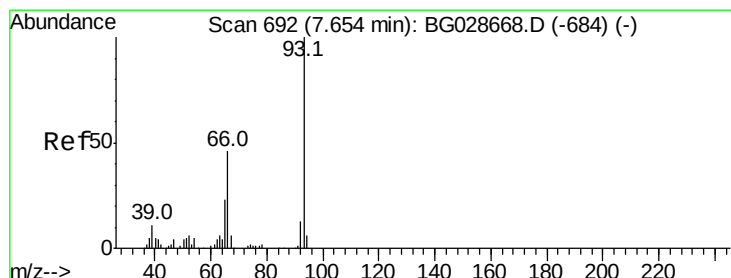
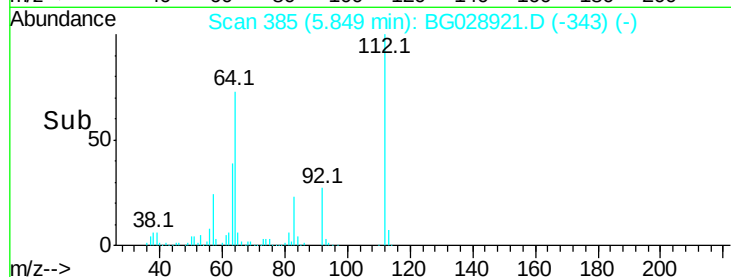
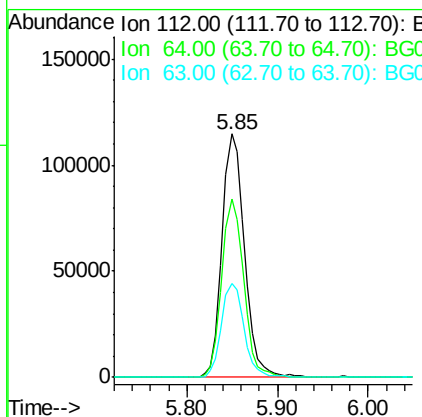
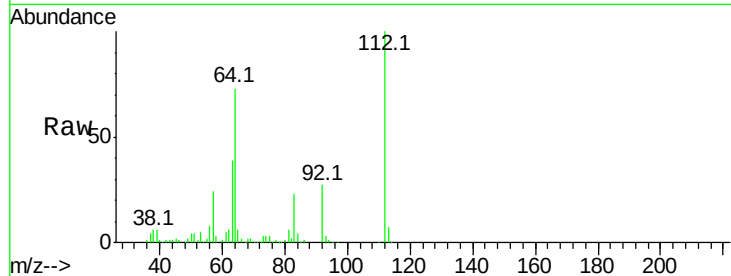
SU-04-092217MS

Tot Ion:	112	Resp:	197515
Ion Ratio	Lower	Upper	
112	100		
64	73.4	61.8	92.6
63	38.6	37.2	55.8

Manual Integrations
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#6

Aniline

Concen: 29.077 ng

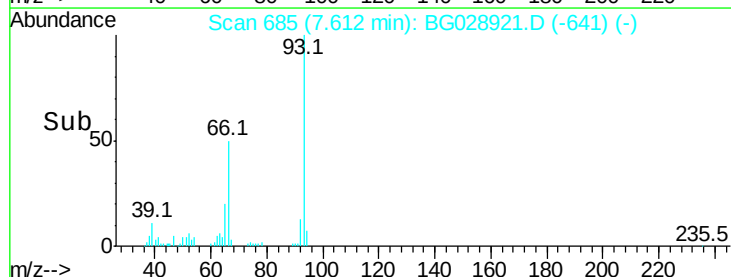
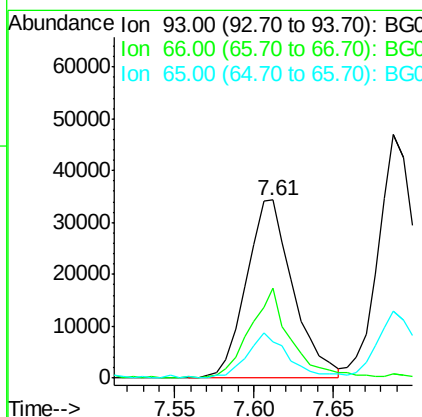
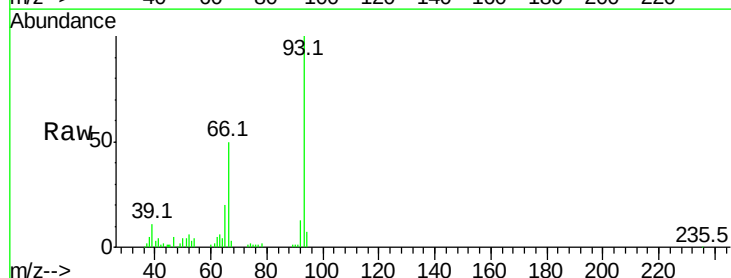
RT: 7.61 min Scan# 685

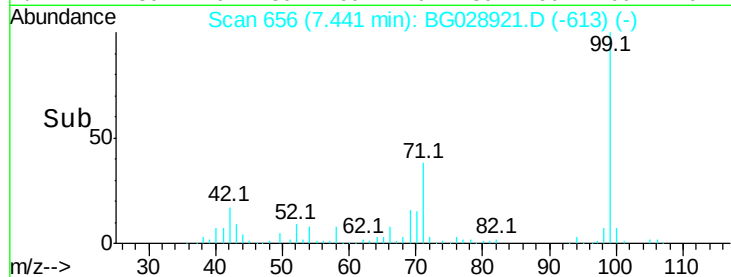
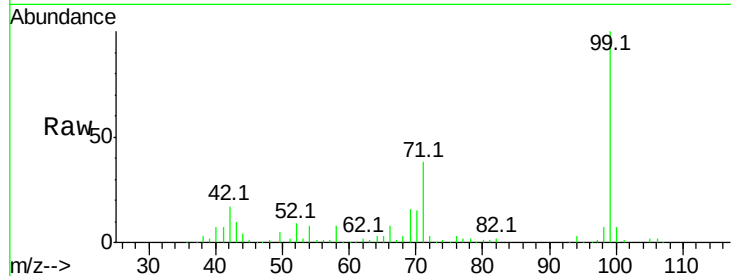
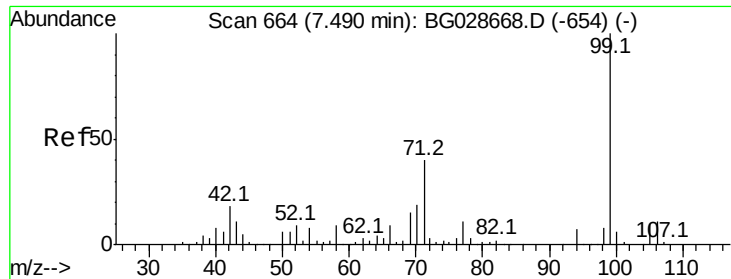
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	93	Resp:	70294
Ion Ratio	Lower	Upper	
93	100		
66	50.3	35.4	53.2
65	20.4	21.2	31.8#





#7

Phenol-d6

Concen: 116.534 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tot Ion:	99	Resp:	242069
Ion Ratio	Lower	Upper	
99	100		
42	17.3	20.5	30.7#
71	38.3	37.6	56.4

Instrument :

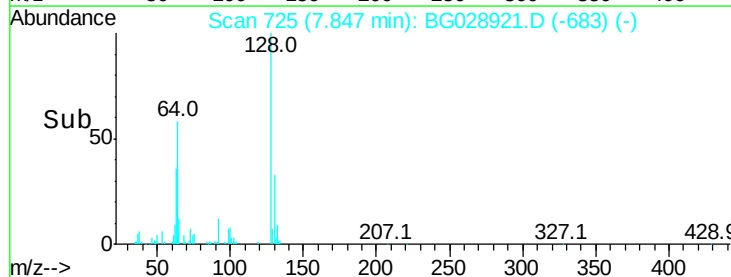
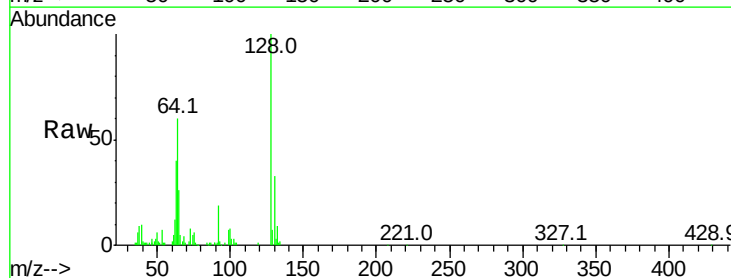
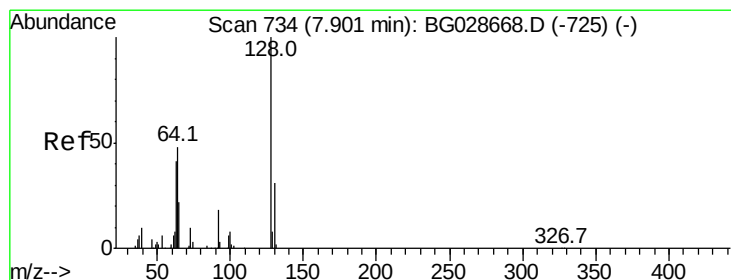
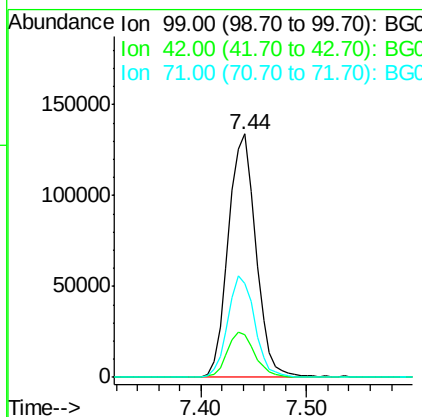
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 49.755 ng

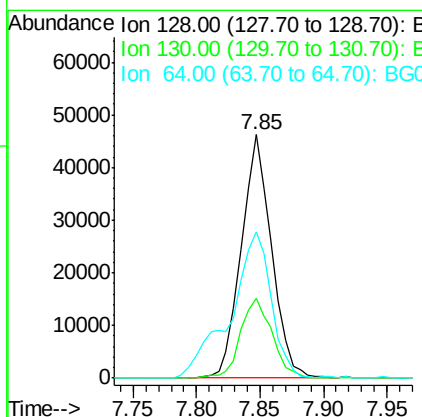
RT: 7.85 min Scan# 725

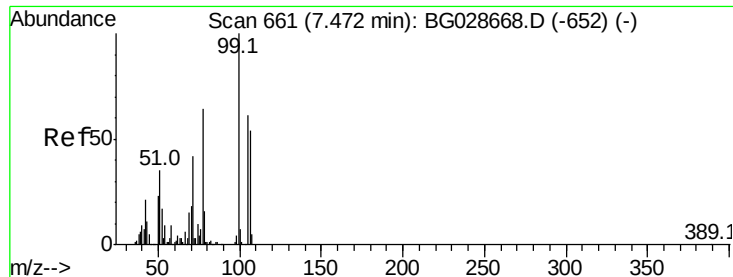
Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	128	Resp:	76524
Ion Ratio	Lower	Upper	
128	100		
130	32.8	11.4	51.4
64	60.1	46.6	86.6





#9

Benzaldehyde

Concen: 15.688 ng

RT: 7.42 min Scan# 652

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

ClientSampleId :

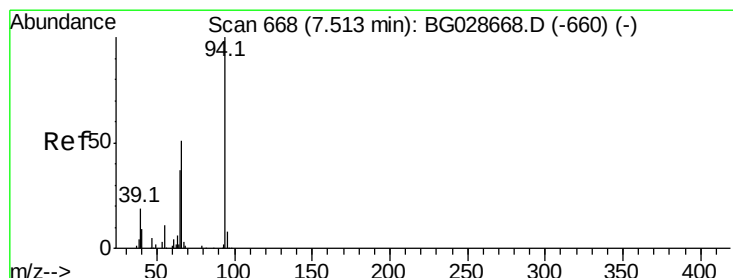
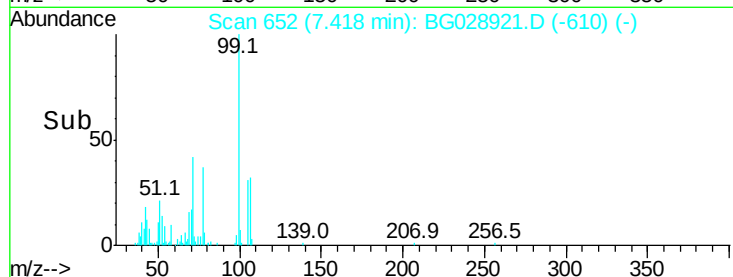
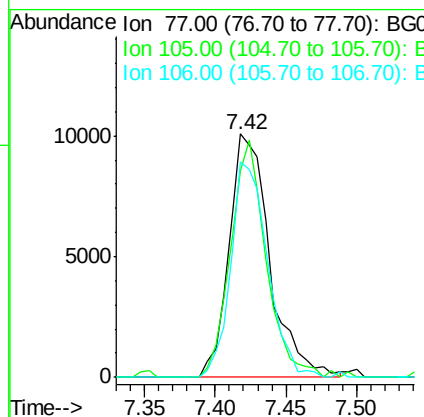
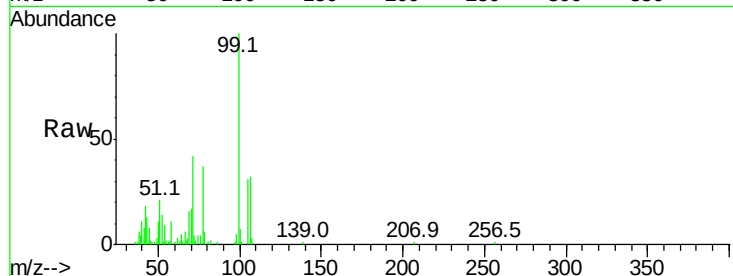
SU-04-092217MS

Tot Ion:	77	Resp:	20218
Ion	Ratio	Lower	Upper
77	100		
105	84.6	60.9	100.9
106	88.3	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 37.942 ng

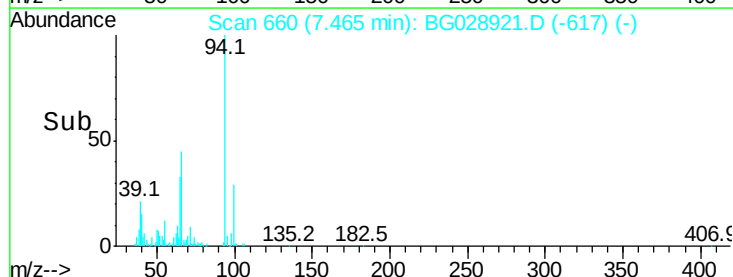
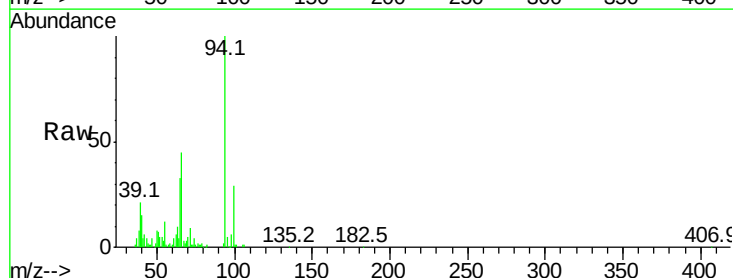
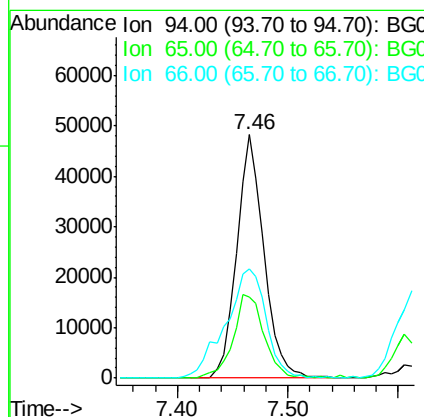
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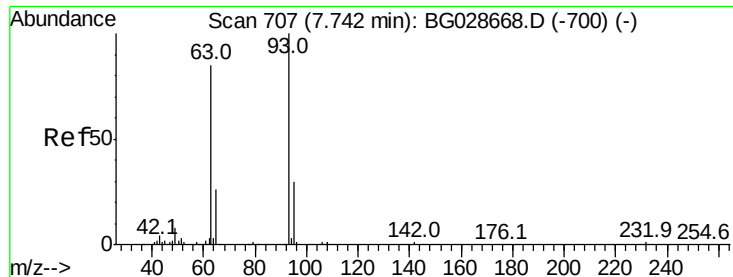
Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	94	Resp:	83179
Ion	Ratio	Lower	Upper
94	100		
65	33.4	20.6	60.6
66	44.7	35.5	75.5





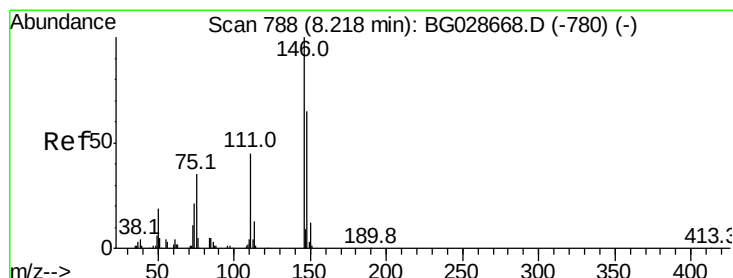
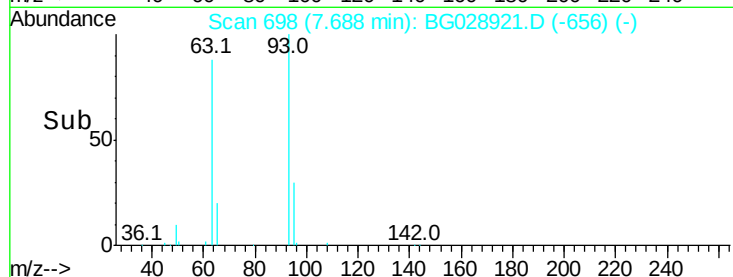
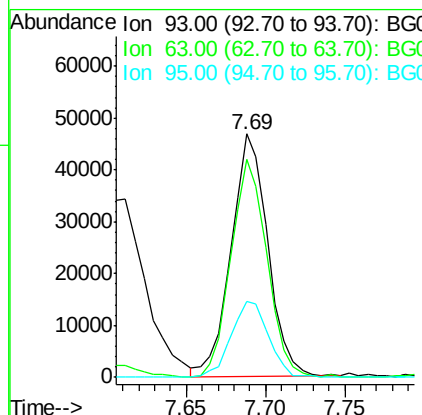
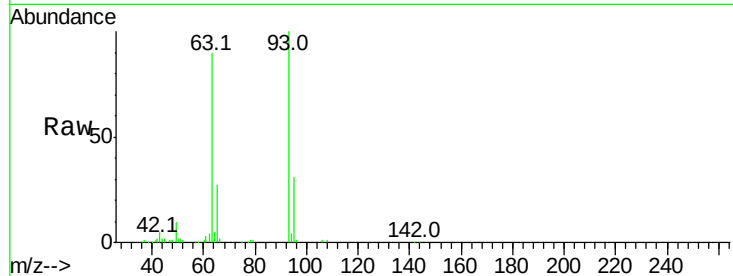
#11
bis(2-Chloroethyl)ether
Concen: 47.456 ng
RT: 7.69 min Scan# 698
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.6	78.5	118.5
95	31.2	9.8	49.8

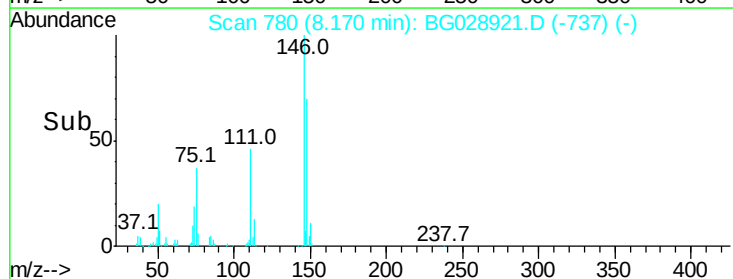
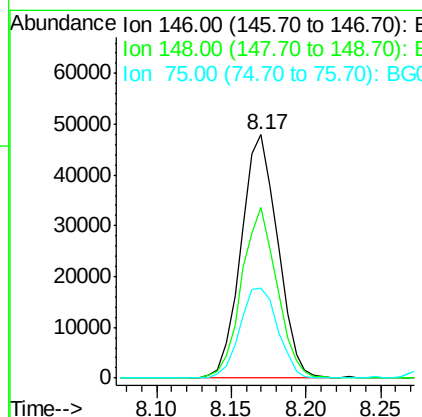
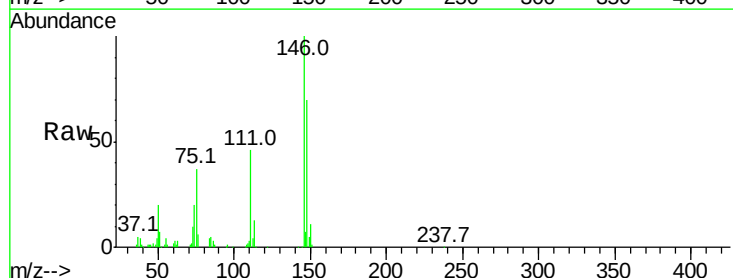
Manual Integrations
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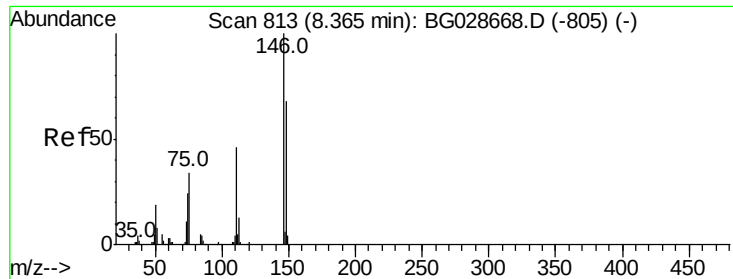
Sohil
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#12
1,3-Dichlorobenzene
Concen: 49.013 ng
RT: 8.17 min Scan# 780
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.2	49.2	73.8
75	37.1	33.4	50.2





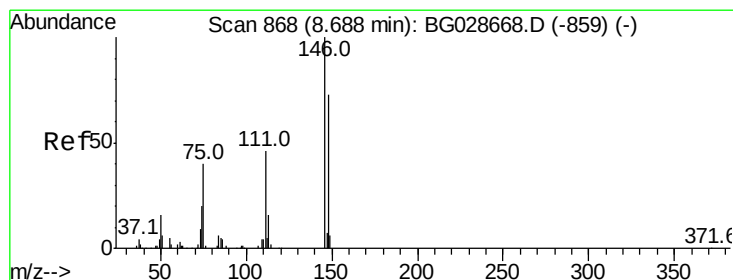
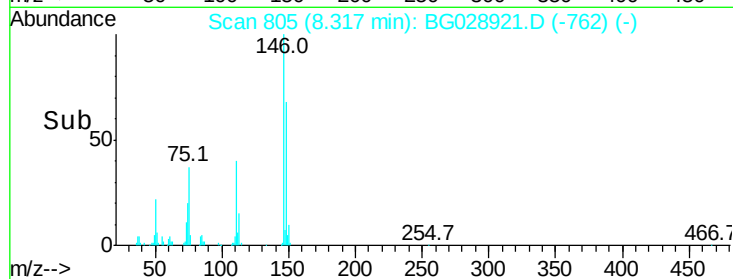
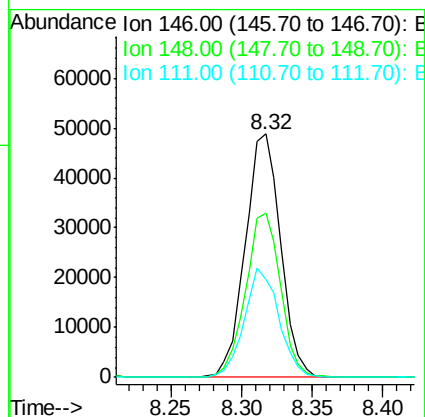
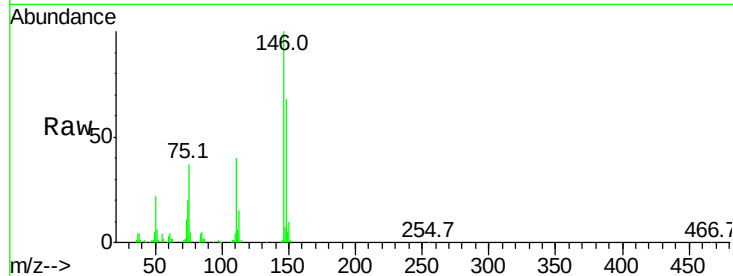
#13
1,4-Dichlorobenzene
Concen: 50.358 ng
RT: 8.32 min Scan# 805
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	52.2	78.2
111	40.0	37.0	55.6

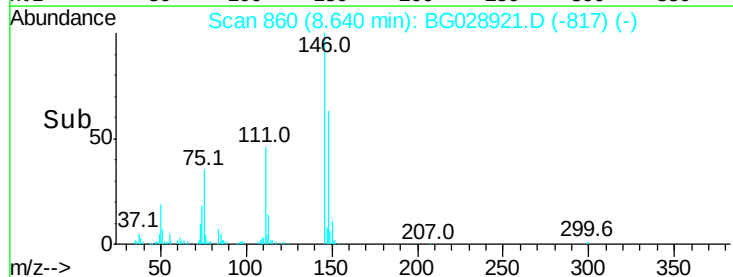
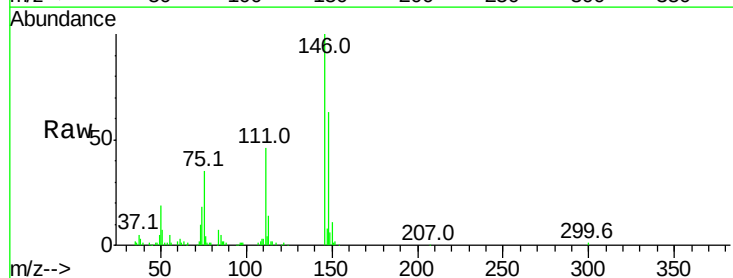
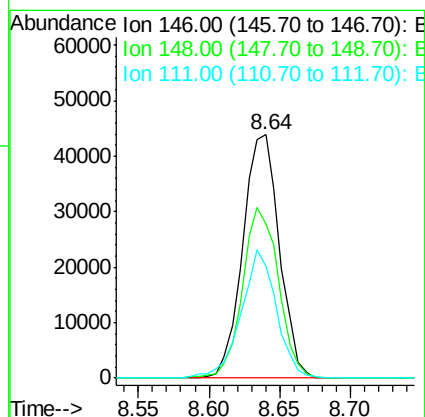
Manual Integrations
APPROVED

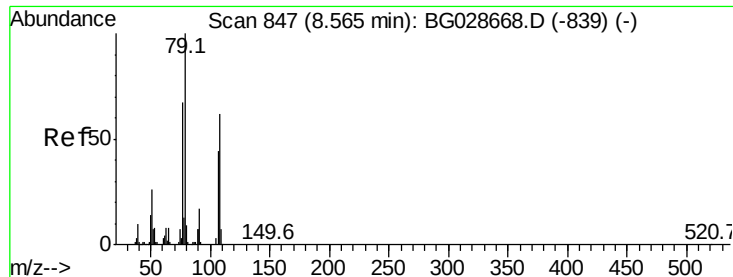
Sohil
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#14
1,2-Dichlorobenzene
Concen: 47.347 ng
RT: 8.64 min Scan# 860
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	54.6	81.8
111	46.1	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.553 ng

RT: 8.52 min Scan# 840

Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

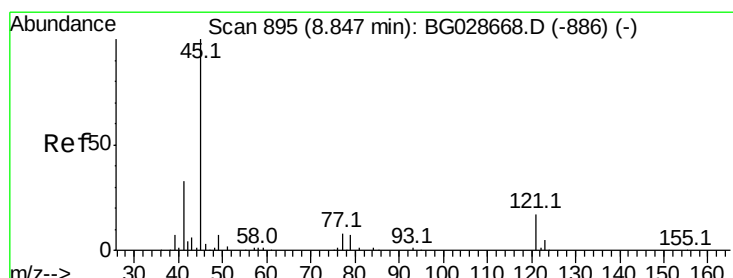
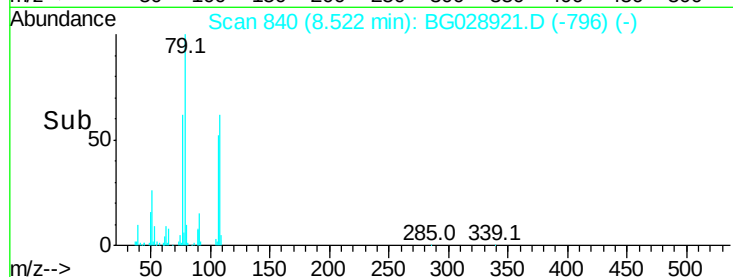
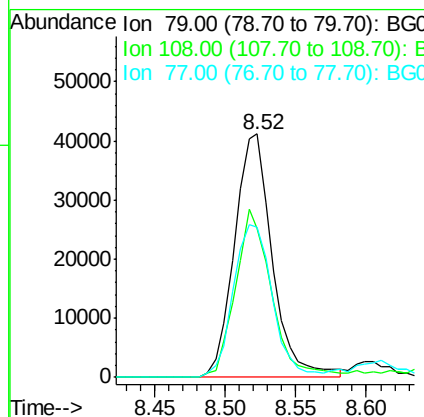
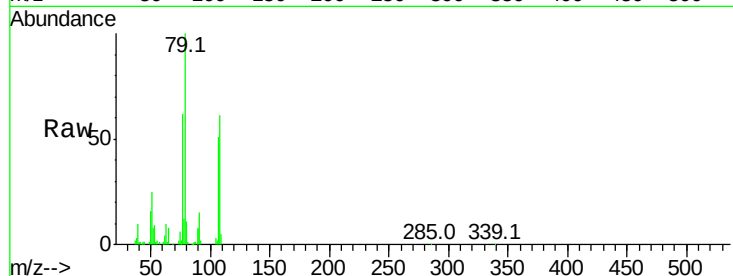
ClientSampleId :

SU-04-092217MS

Tot Ion:	79	Resp:	77111
Ion Ratio	Lower	Upper	
79	100		
108	61.2	45.5	68.3
77	61.8	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.468 ng

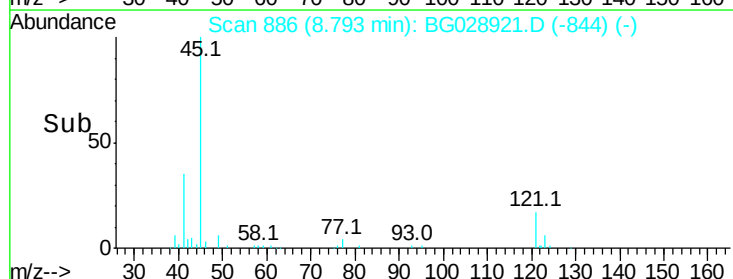
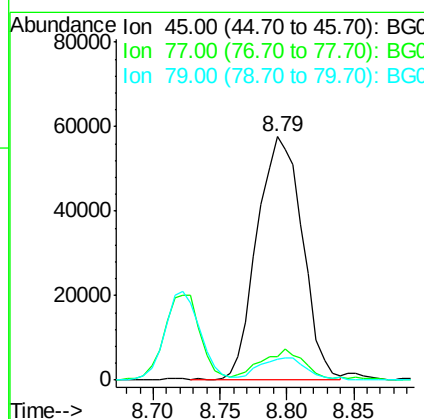
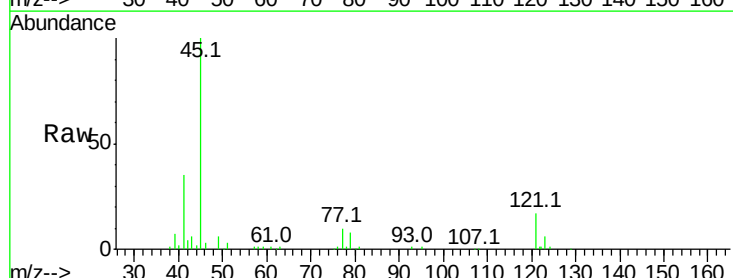
RT: 8.79 min Scan# 886

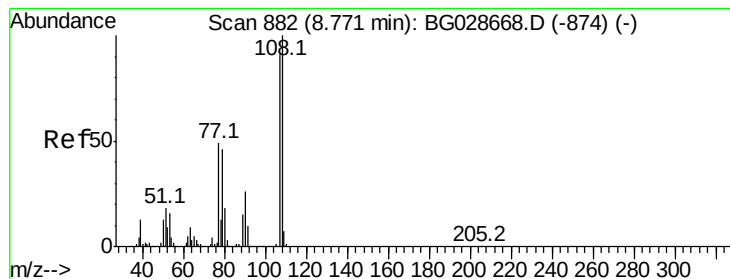
Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	45	Resp:	135783
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.6
79	8.5	0.0	28.5





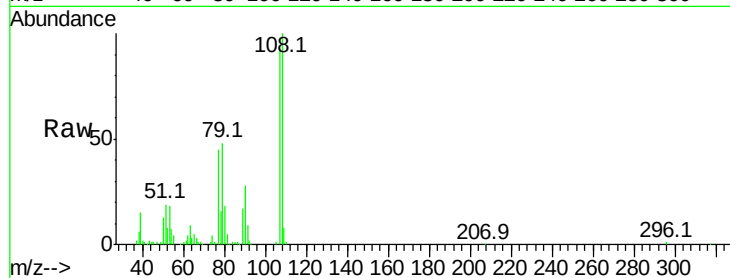
#17
2-Methylphenol
Concen: 50.520 ng
RT: 8.72 min Scan# 874
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

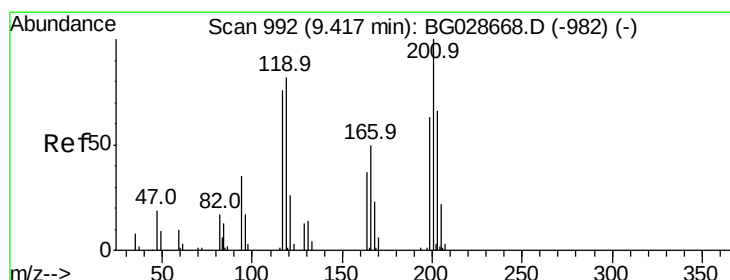
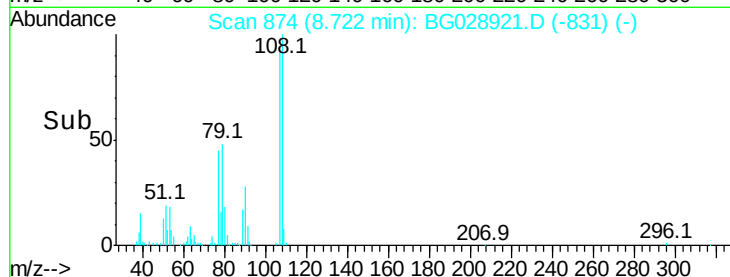
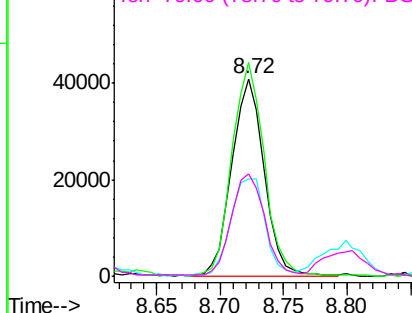
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	85.6	128.4	
77	49.1	51.4	77.2#	
79	51.6	49.2	73.8	

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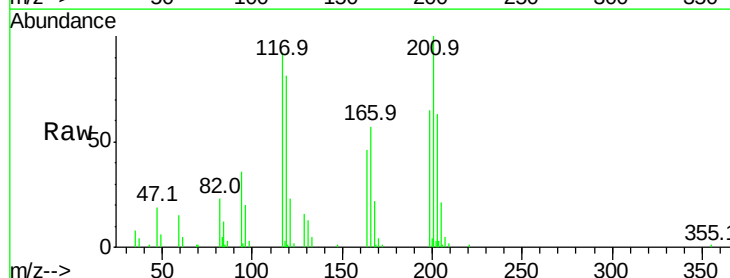


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

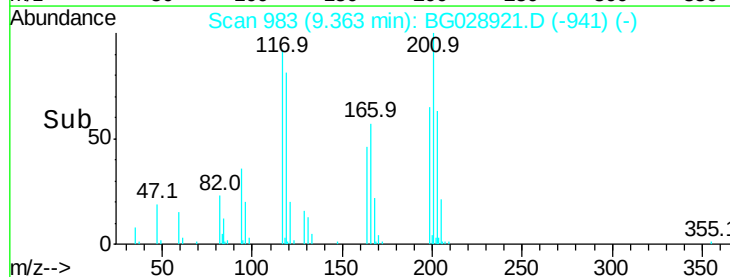
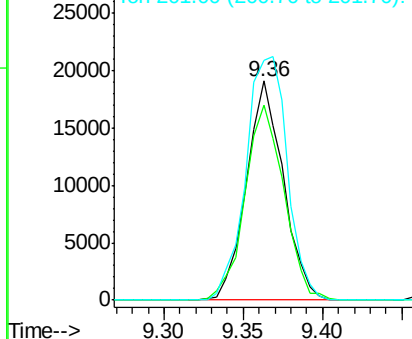


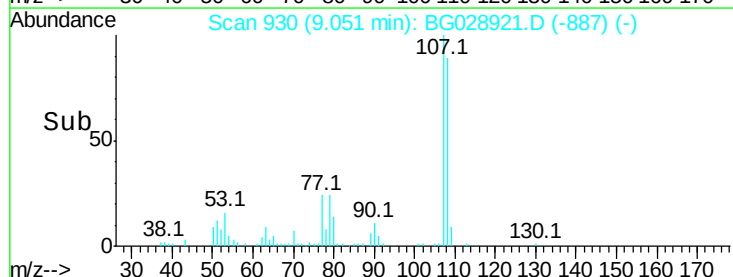
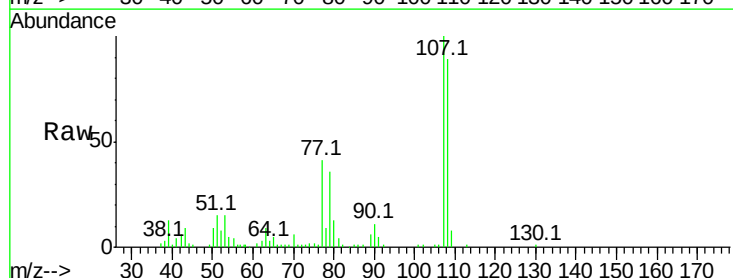
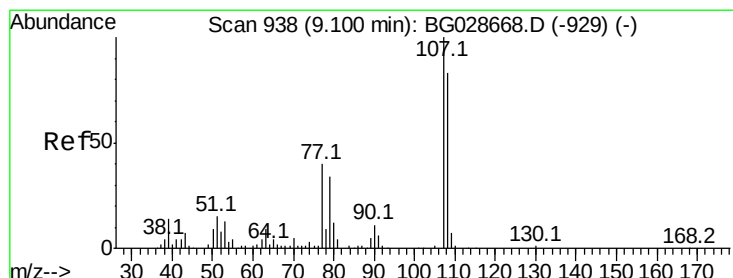
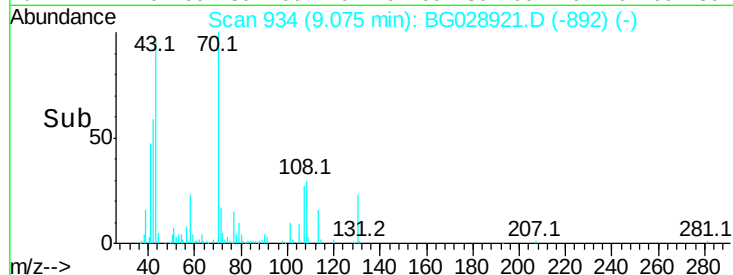
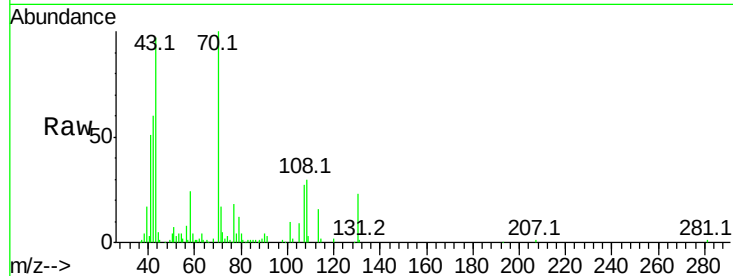
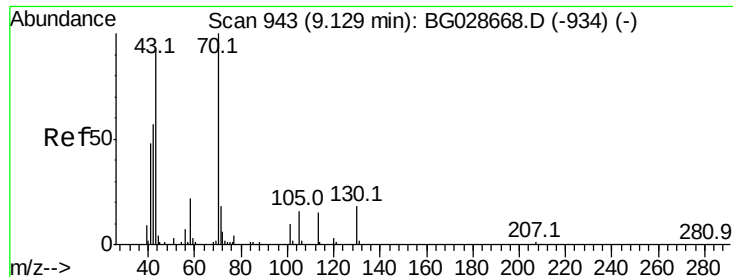
#18
Hexachloroethane
Concen: 49.693 ng
RT: 9.36 min Scan# 983
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.9	69.8	104.6	
201	109.2	95.4	143.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





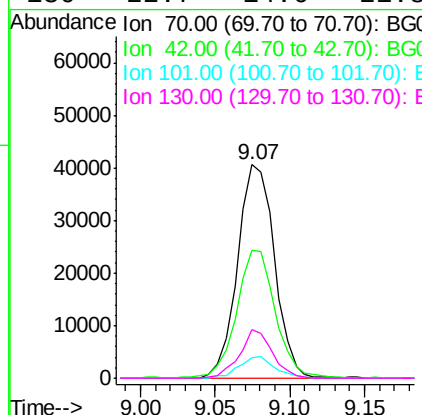
#19
n-Nitroso-di-n-propylamine
Concen: 47.466 ng
RT: 9.07 min Scan# 934
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.7	56.1	84.1
101	9.6	7.5	11.3
130	22.7	14.6	21.8

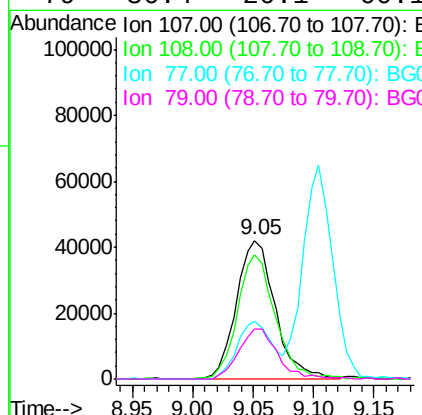
Manual Integrations
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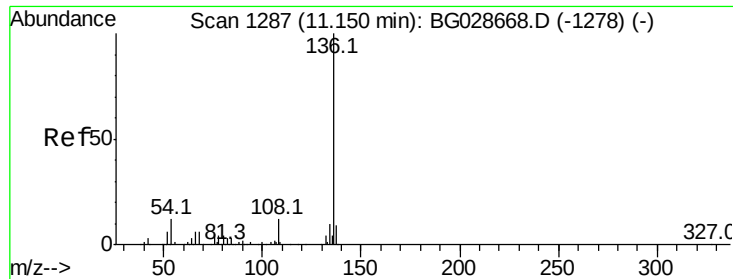
Sohil
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#20
3+4-Methylphenols
Concen: 46.913 ng
RT: 9.05 min Scan# 930
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.8	110.8
77	41.4	25.8	65.8
79	36.4	20.1	60.1





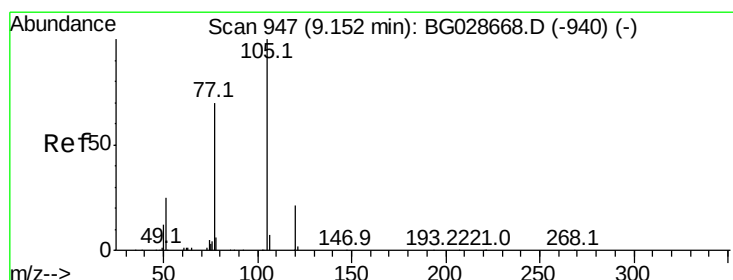
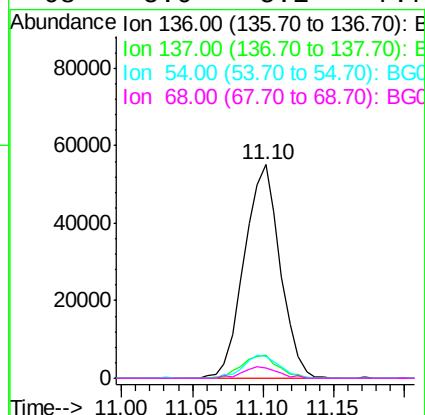
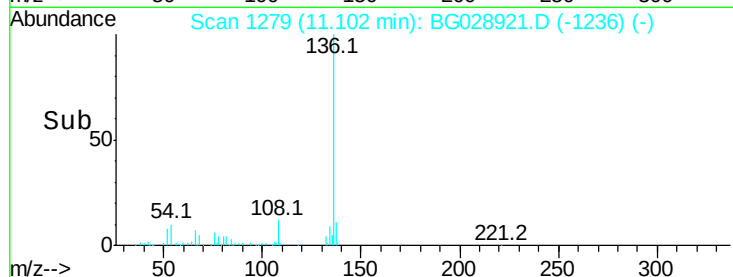
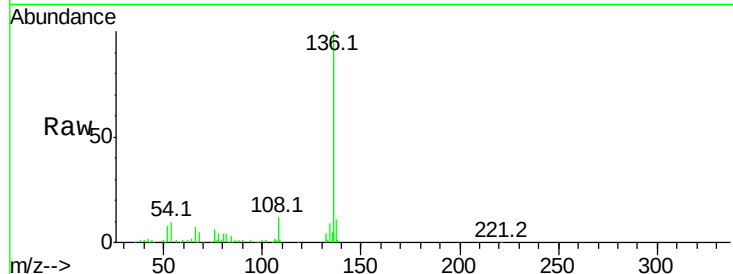
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	97700		
137	10.7		8.9	13.3
54	10.2		9.3	13.9
68	5.0		5.1	7.7#

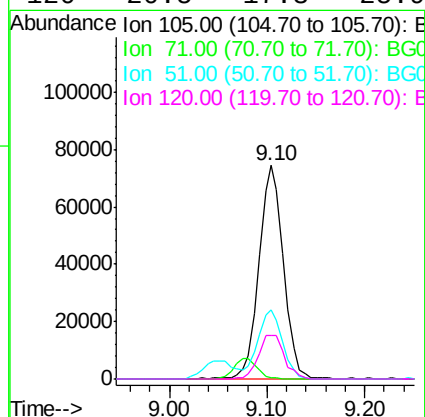
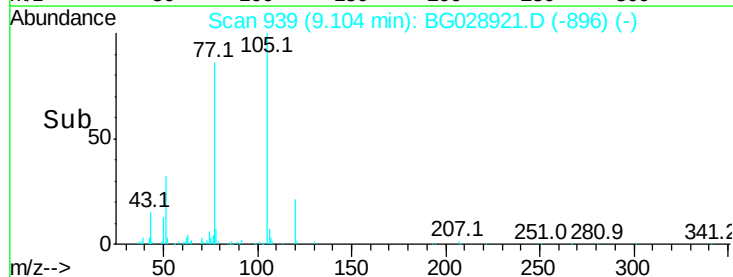
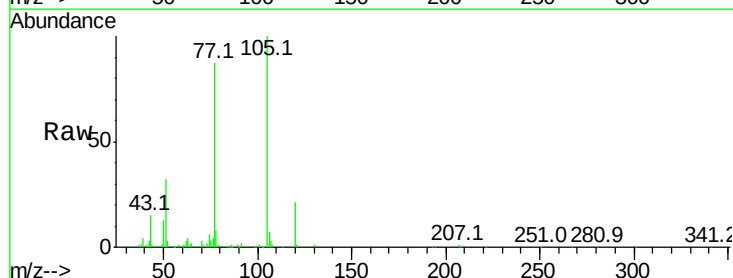
Manual Integrations
APPROVED

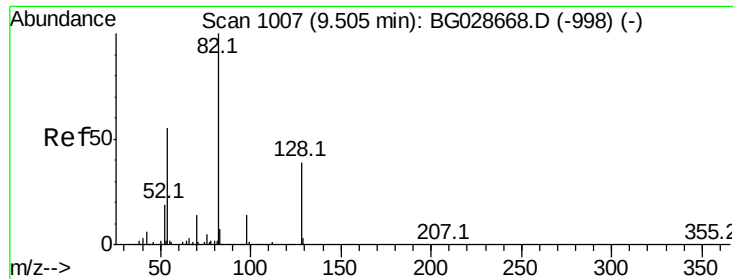
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#22
Acetophenone
Concen: 45.889 ng
RT: 9.10 min Scan# 939
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	131090		
71	0.7		0.9	1.3#
51	32.4		34.0	51.0#
120	20.5		17.3	25.9





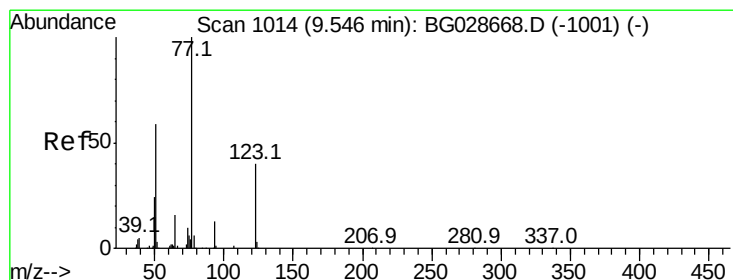
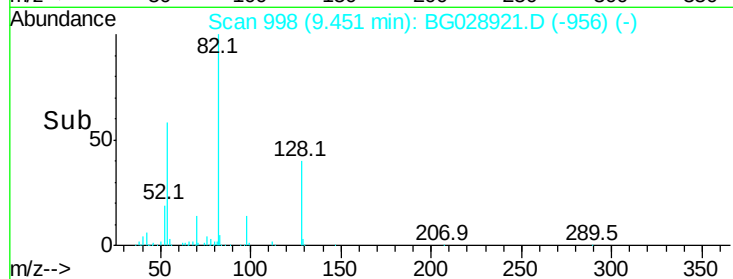
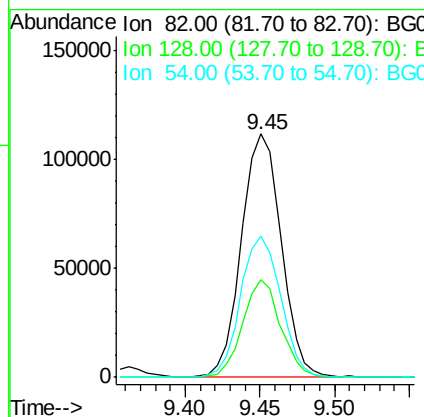
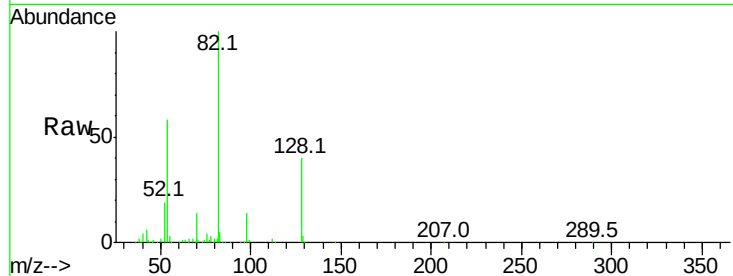
#23
Nitrobenzene-d5
Concen: 100.757 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6#
54	58.1	49.4	74.2

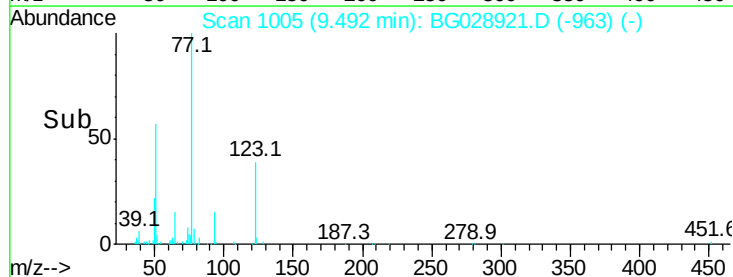
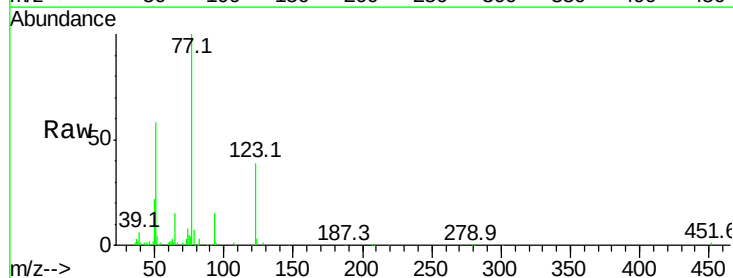
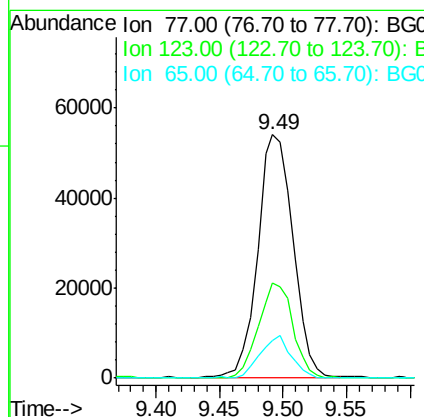
Manual Integrations
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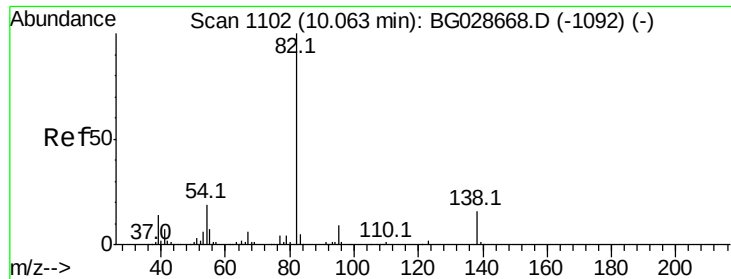
Sohil
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#24
Nitrobenzene
Concen: 46.458 ng
RT: 9.49 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	26.1	39.1#
65	15.2	12.4	18.6





#25

Isophorone

Concen: 47.160 ng

RT: 10.01 min Scan# 1093

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

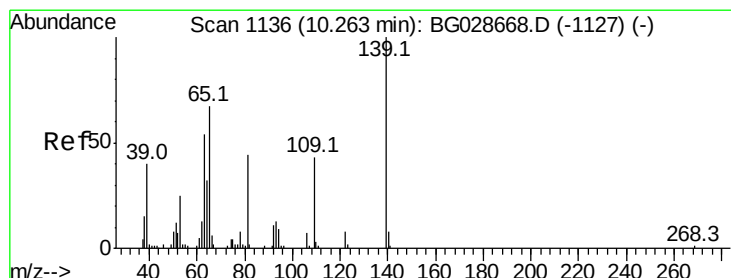
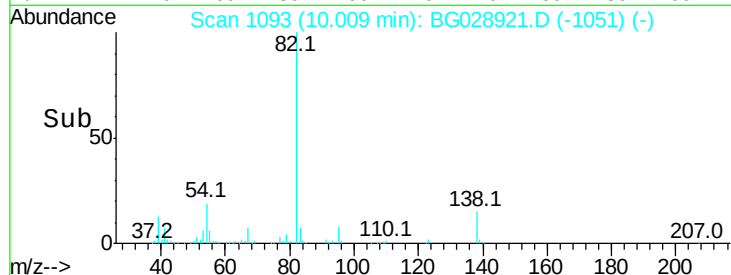
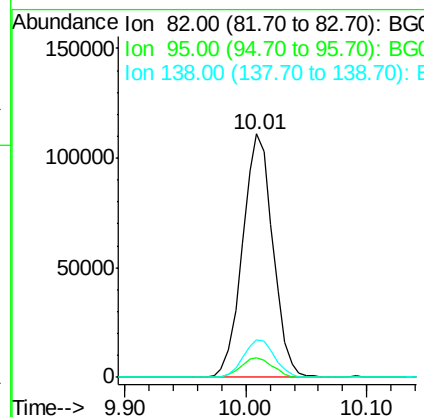
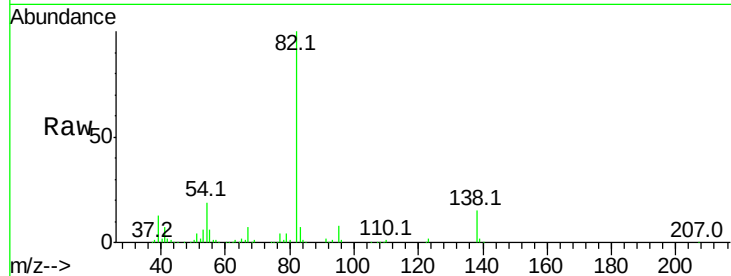
ClientSampleId :

SU-04-092217MS

Tot Ion:	82	Resp:	194885
Ion Ratio	Lower	Upper	
82	100		
95	8.2	7.5	11.3
138	15.3	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.076 ng

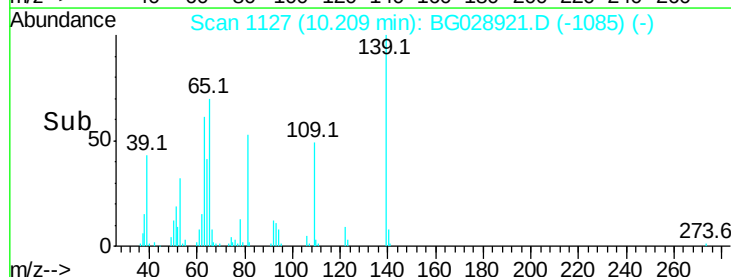
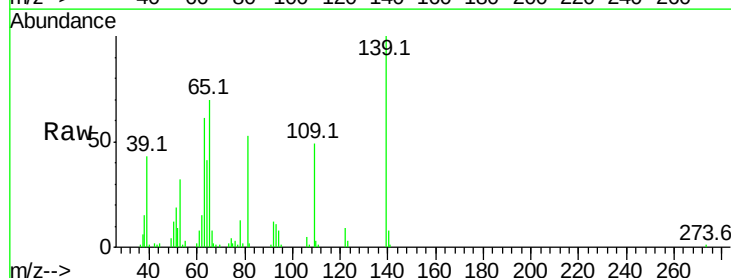
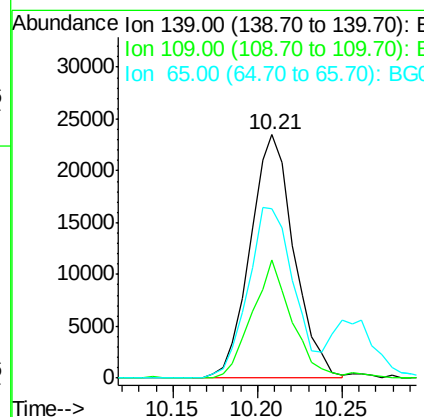
RT: 10.21 min Scan# 1127

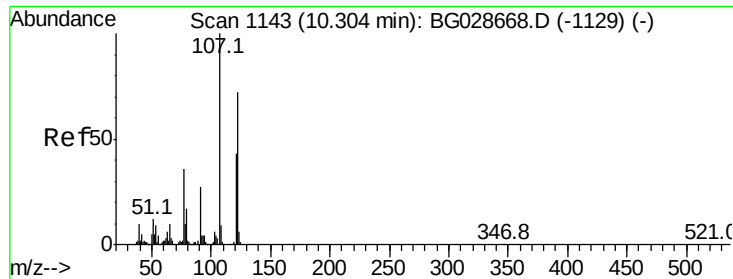
Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	139	Resp:	42423
Ion Ratio	Lower	Upper	
139	100		
109	48.6	38.6	58.0
65	69.6	57.1	85.7





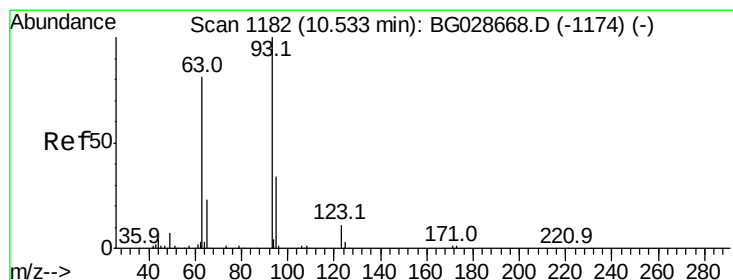
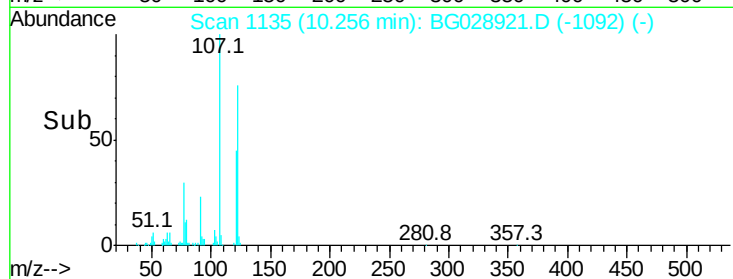
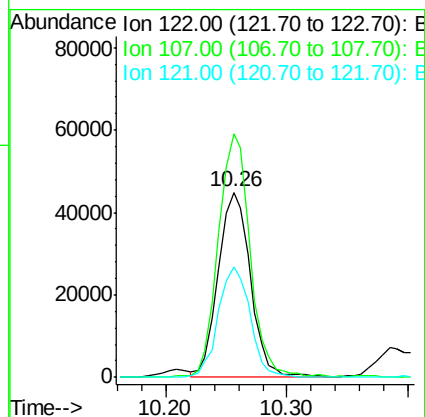
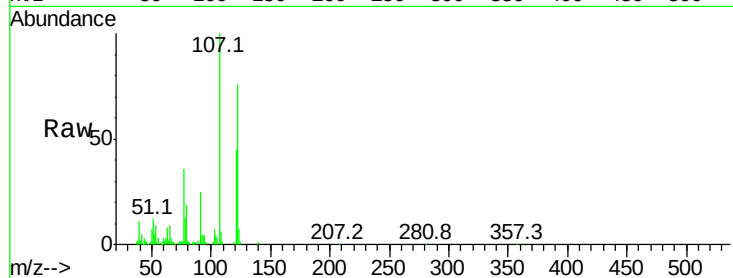
#27
2,4-Dimethylphenol
Concen: 47.144 ng
RT: 10.26 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	104.2	156.4
121	59.5	46.0	69.0

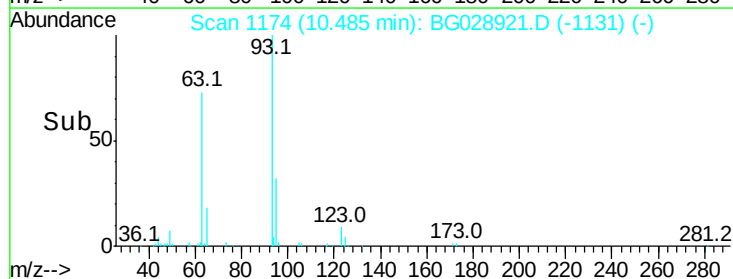
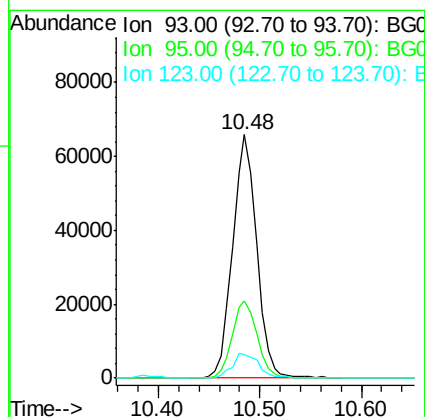
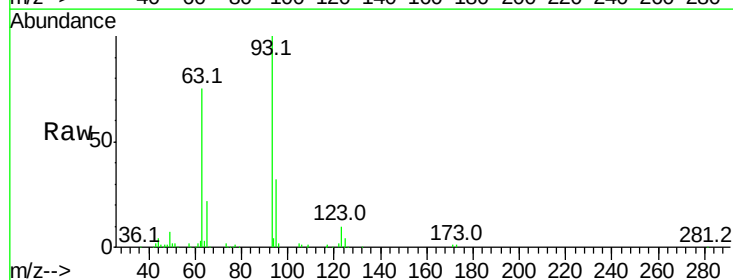
Manual Integrations
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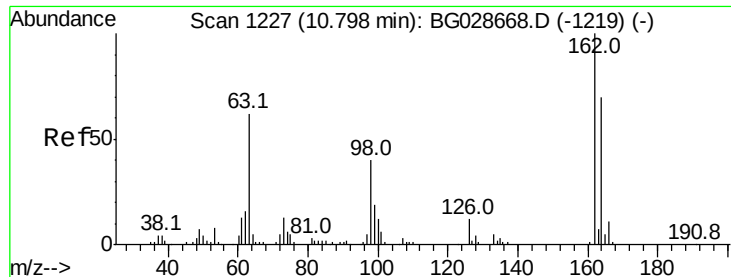
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 48.357 ng
RT: 10.48 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.7	38.5
123	9.7	8.3	12.5





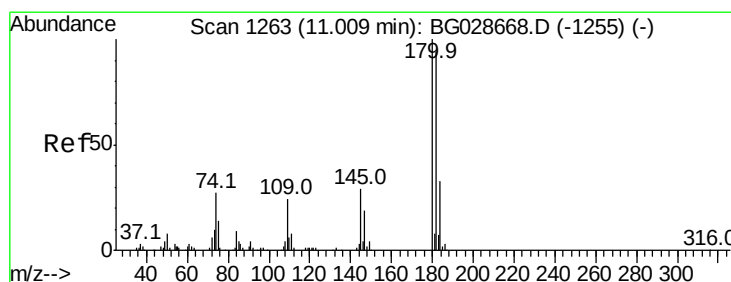
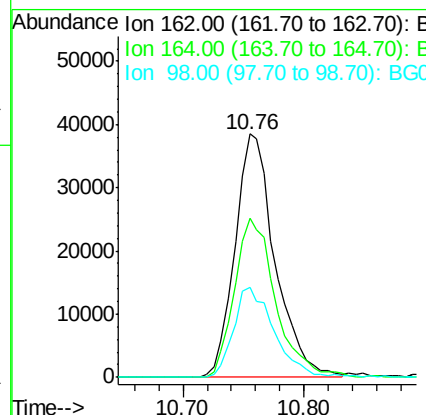
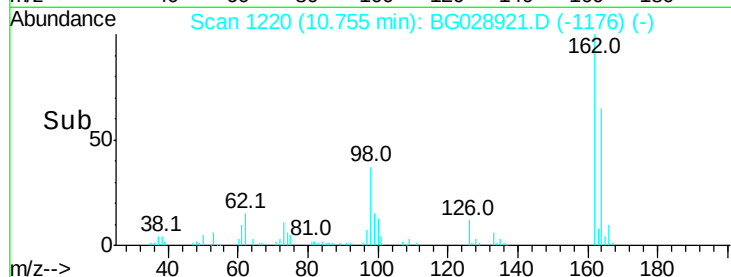
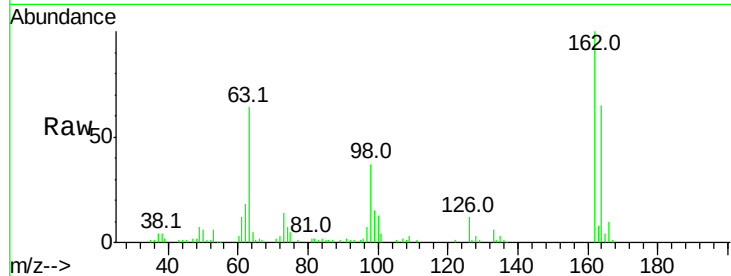
#29
 2,4-Dichlorophenol
 Concen: 50.738 ng
 RT: 10.76 min Scan# 1220
 Delta R.T. -0.04 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Tot Ion:	162	Resp:	88817
Ion Ratio	Lower	Upper	
162	100		
164	65.4	42.4	82.4
98	37.0	20.3	60.3

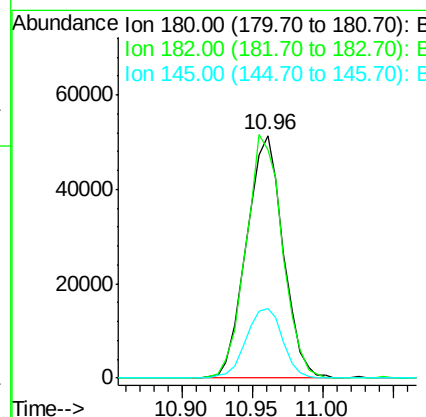
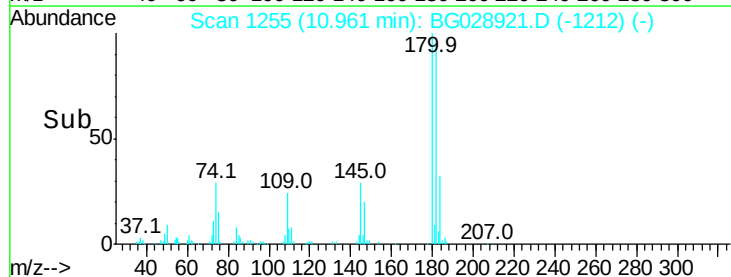
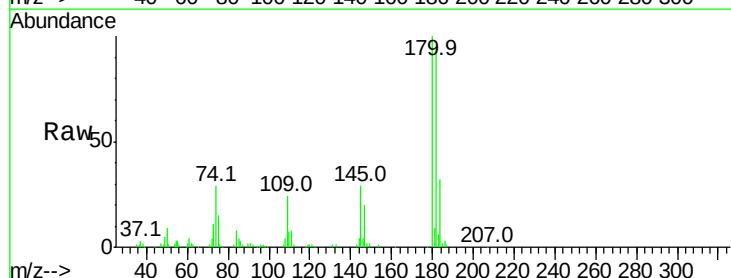
Manual Integrations
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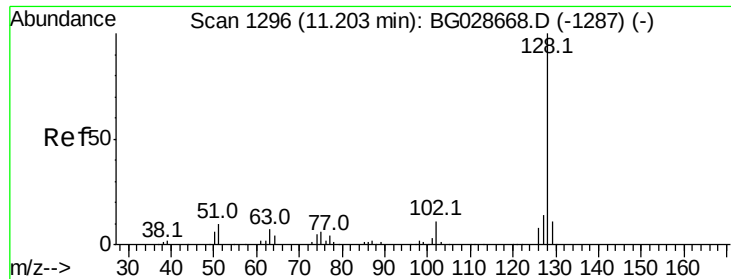
Sohil
 9/26/2017 5:00:18 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.934 ng
 RT: 10.96 min Scan# 1255
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Tgt Ion:	180	Resp:	93727
Ion Ratio	Lower	Upper	
180	100		
182	93.9	77.0	115.4
145	28.6	23.4	35.0





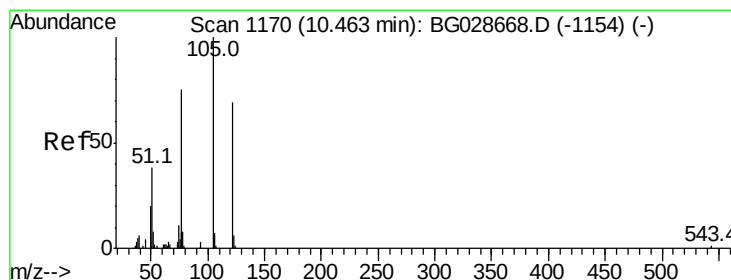
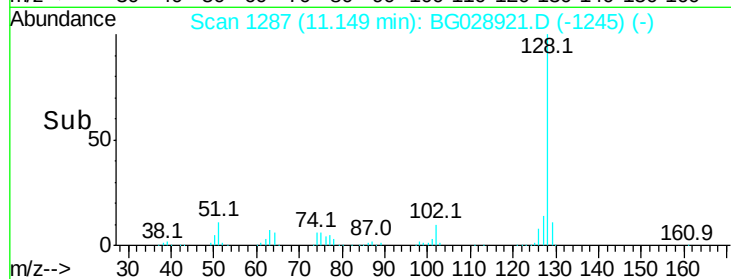
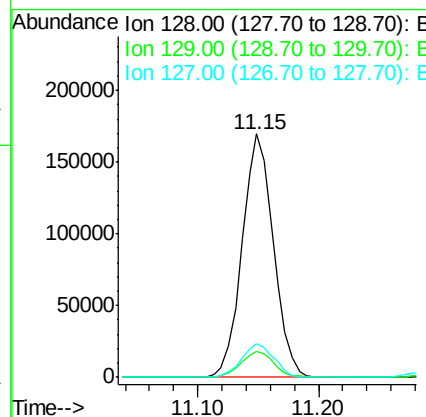
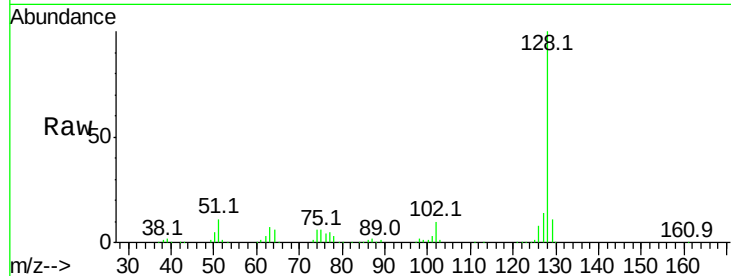
#31
Naphthalene
Concen: 59.936 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	9.3	13.9	
127	14.1	11.4	17.0	

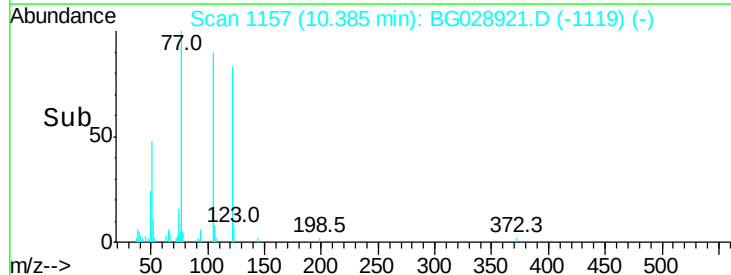
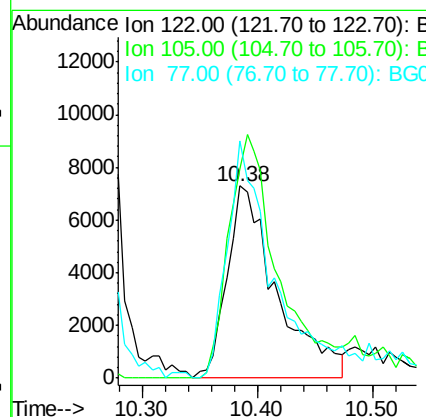
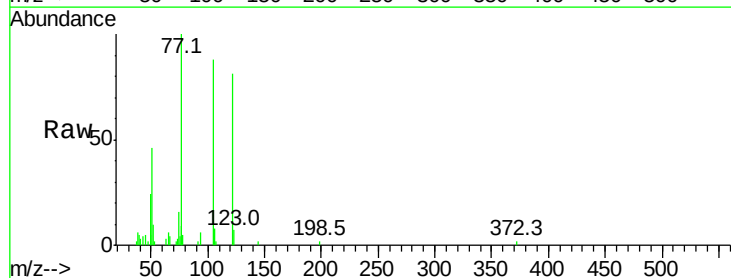
Manual Integrations
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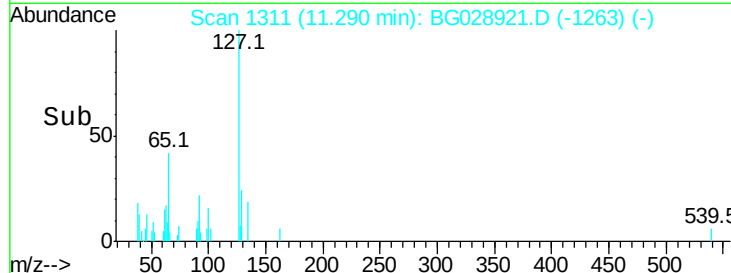
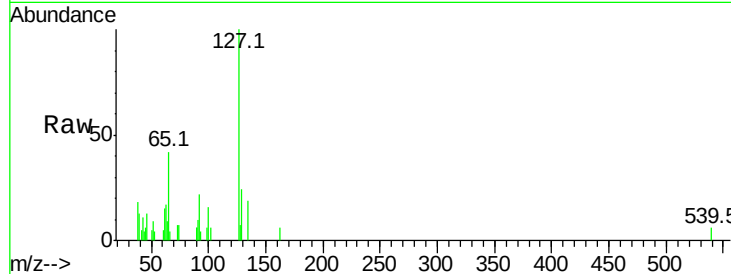
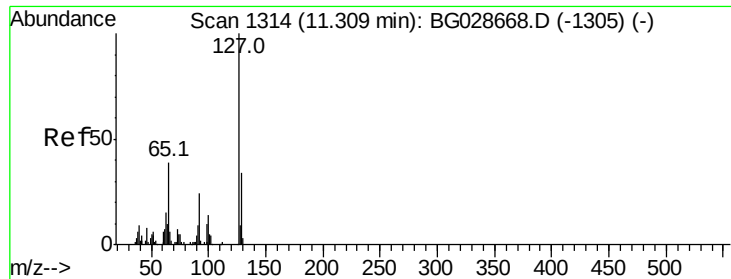
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#32
Benzoic acid
Concen: 21.252 ng
RT: 10.38 min Scan# 1157
Delta R.T. -0.08 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	109.0	120.1	160.1#	
77	123.7	104.6	144.6	





#33

4-Chloroaniline

Concen: 4.865 ng

RT: 11.29 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BG028921.D

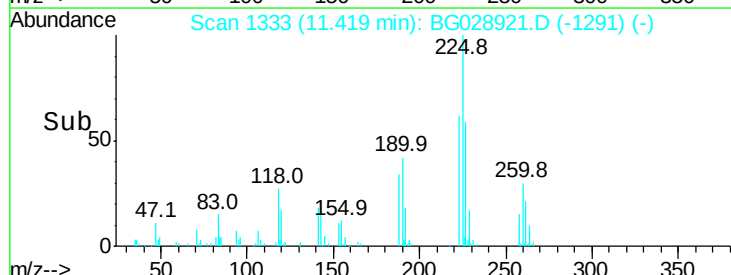
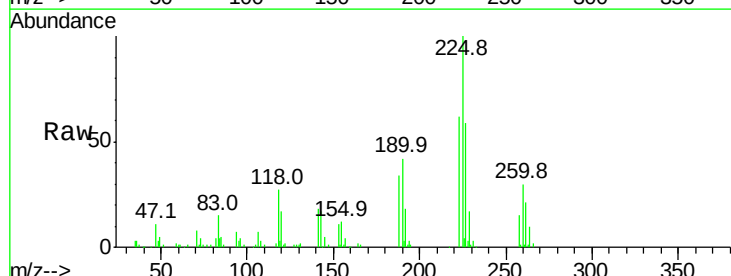
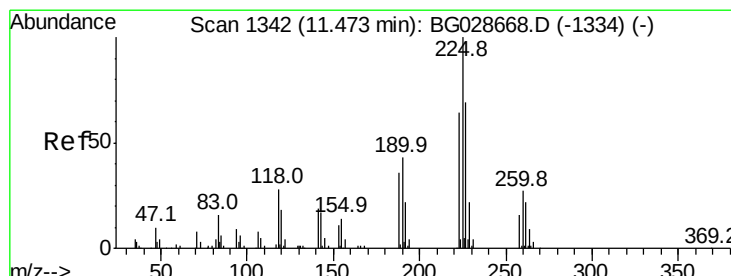
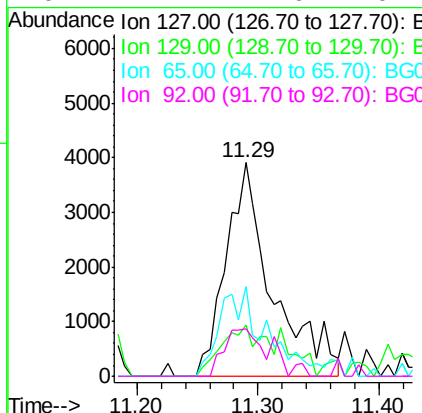
Acq: 25 Sep 2017 23:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	24.3	23.6	35.4		
65	41.9	37.7	56.5		
92	22.1	17.6	26.4		

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 44.233 ng

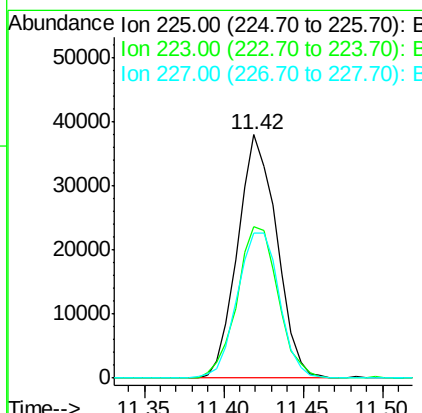
RT: 11.42 min Scan# 1333

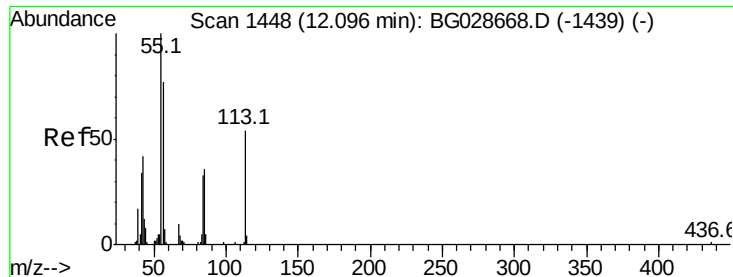
Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.7	76.1		
227	59.4	49.0	73.6		





#35

Caprolactam

Concen: 36.432 ng/ml

RT: 12.05 min Scan# 1440

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

ClientSampleId :

SU-04-092217MS

Tot Ion:113 Resp: 22870

Ion Ratio Lower Upper

113 100

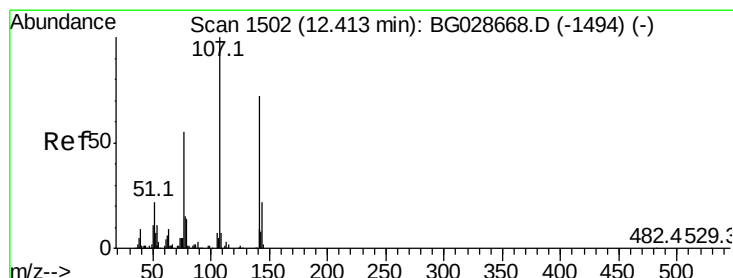
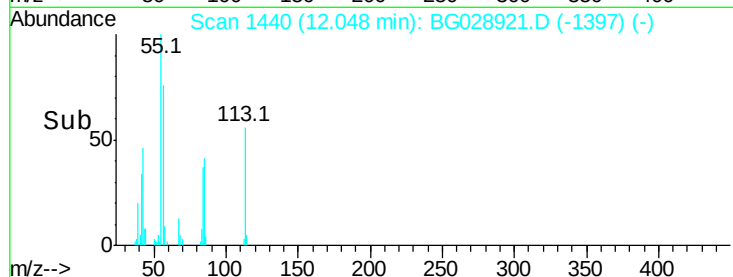
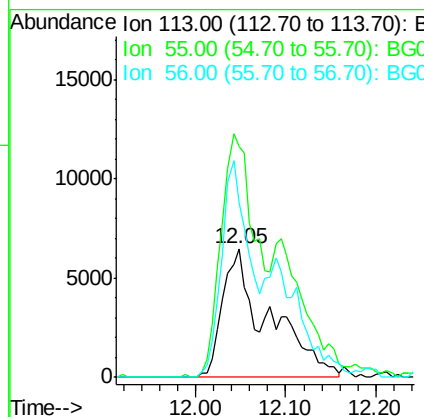
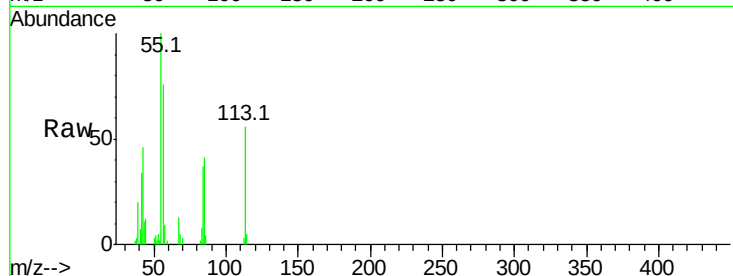
55 179.0 198.6 238.6#

56 135.5 140.4 180.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 49.222 ng/ml

RT: 12.37 min Scan# 1495

Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

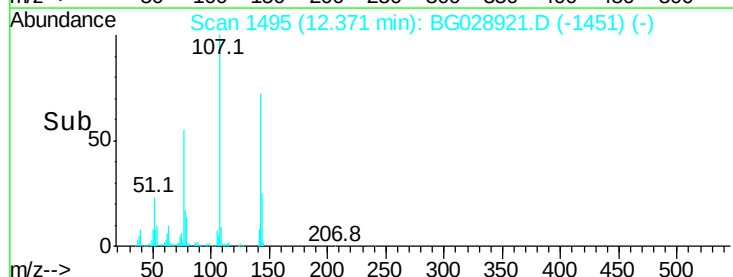
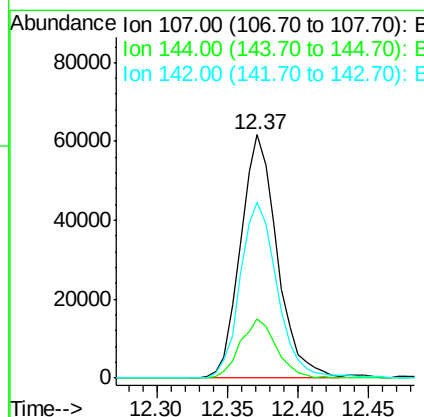
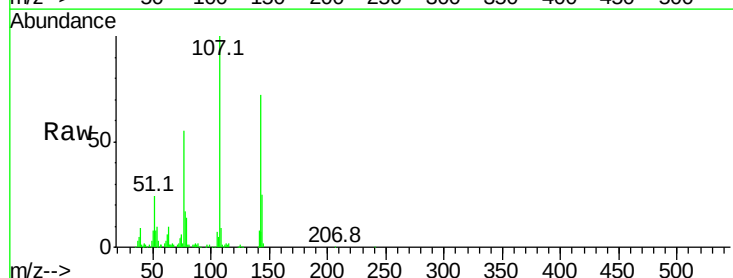
Tgt Ion:107 Resp: 112135

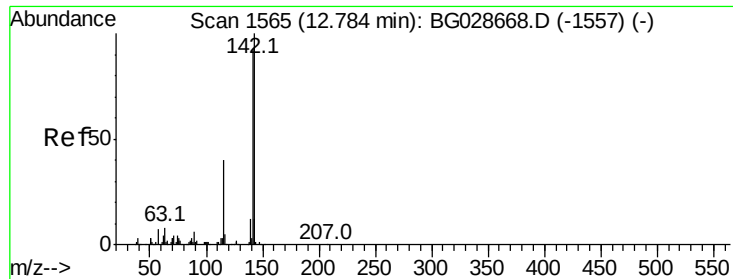
Ion Ratio Lower Upper

107 100

144 24.5 17.4 26.0

142 72.1 54.1 81.1





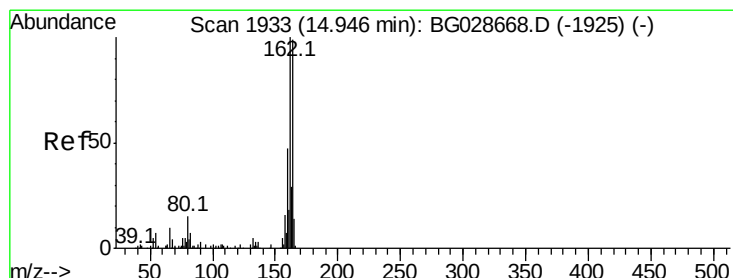
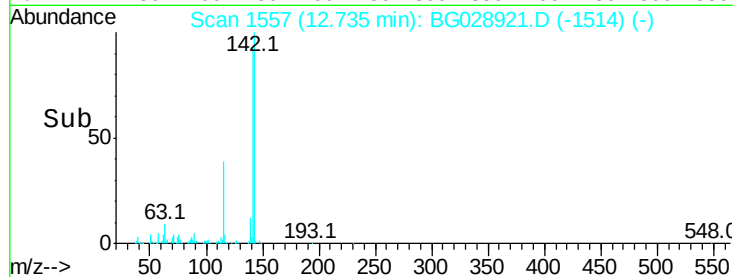
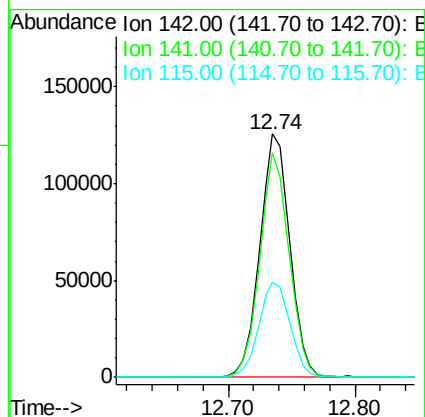
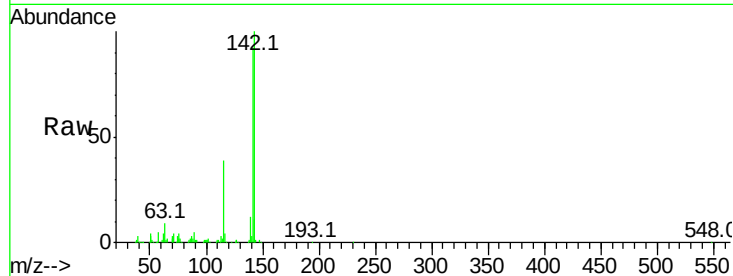
#37
2-Methylnaphthalene
Concen: 54.251 ng
RT: 12.74 min Scan# 1557
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	206679		
141	92.3		70.4	105.6
115	39.3		35.5	53.3

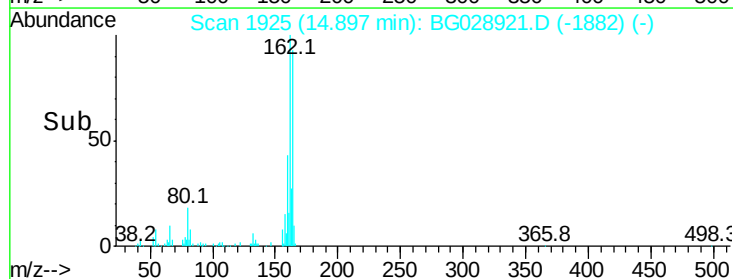
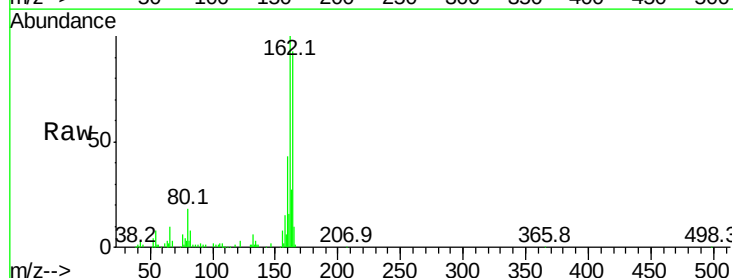
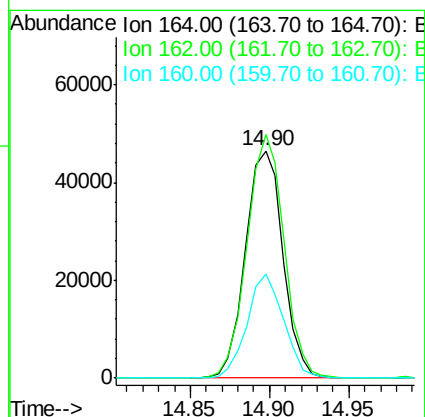
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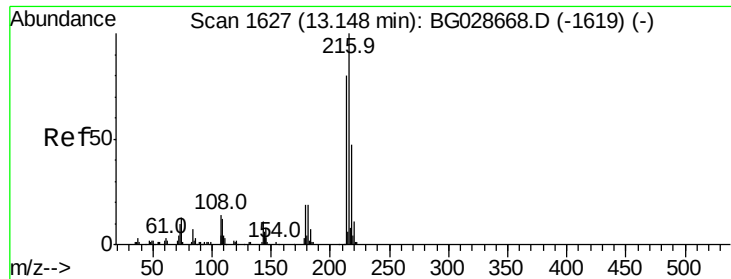
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76246		
162	107.0		85.1	127.7
160	45.7		34.7	52.1





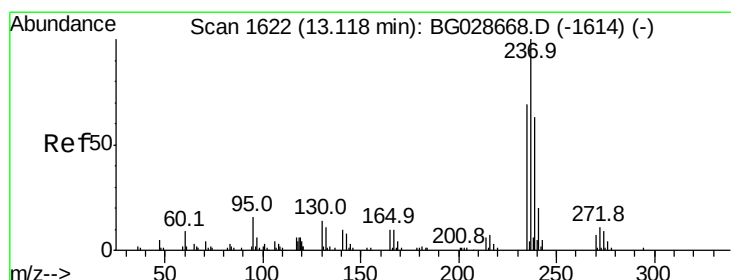
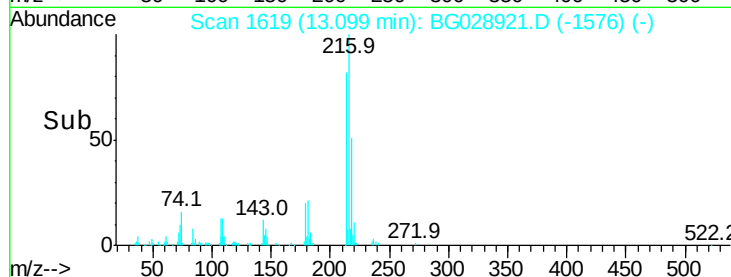
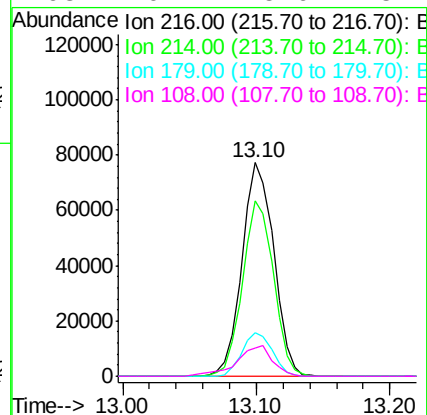
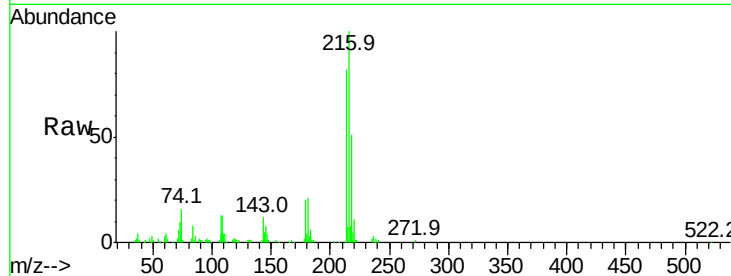
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.519 ng
RT: 13.10 min Scan# 1619
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	127027		
214	80.0	64.4	96.6	
179	19.5	17.4	26.0	
108	16.2	15.6	23.4	

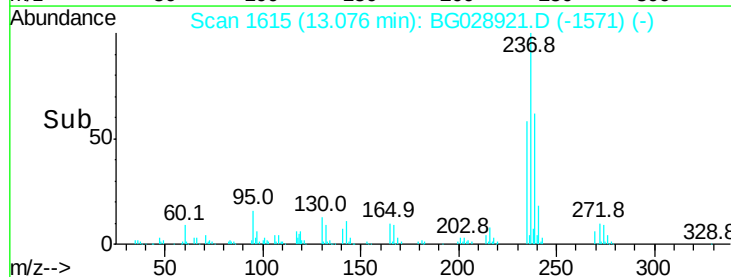
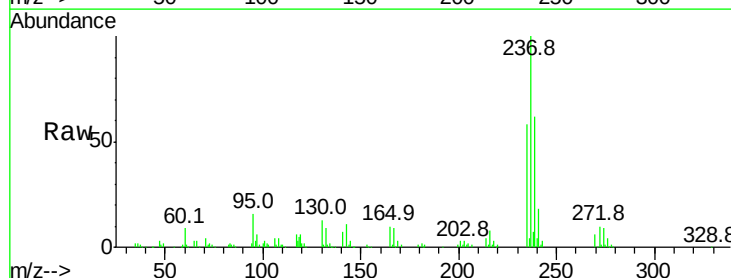
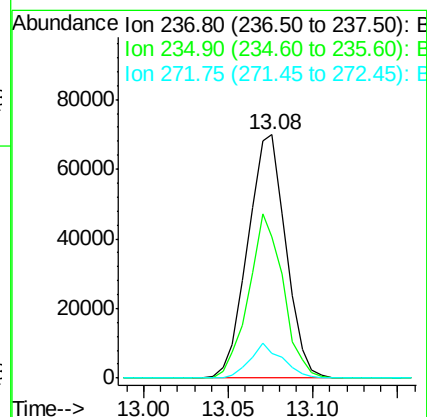
Manual Integrations
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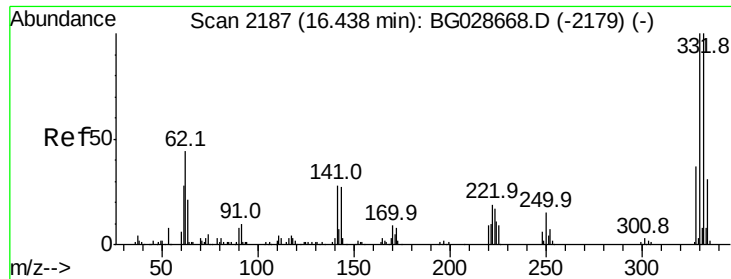
Sohil
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#40
Hexachlorocyclopentadiene
Concen: 88.873 ng
RT: 13.08 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	109372		
235	57.8	39.4	79.4	
272	10.0	0.0	32.0	





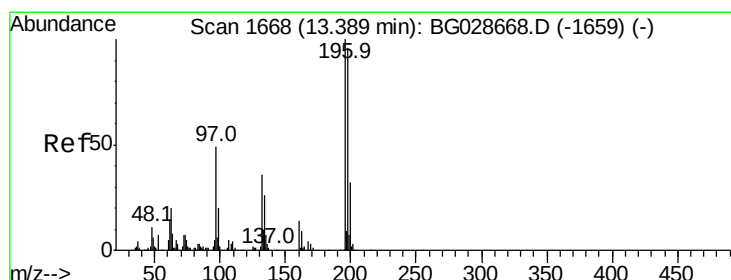
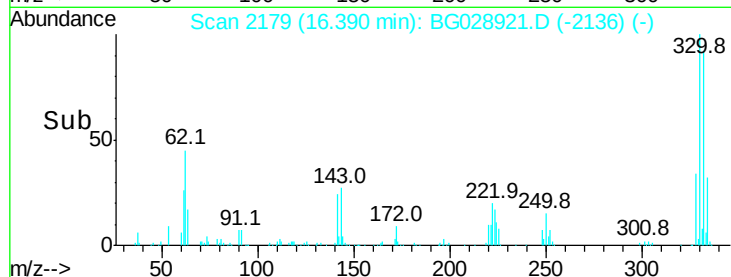
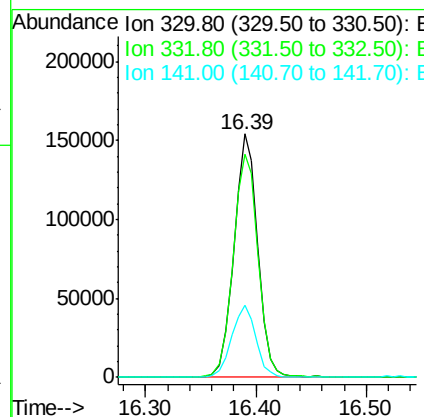
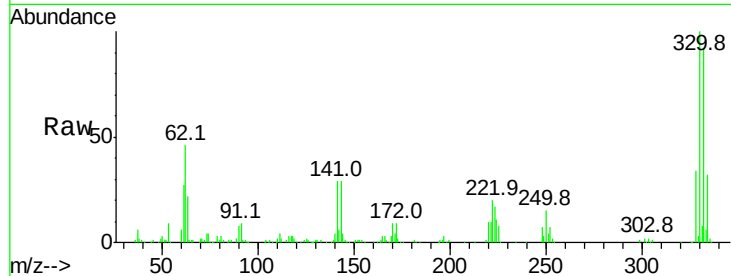
#41
 2,4,6-Tribromophenol
 Concen: 183.786 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	231765		
332	96.3	77.3	115.9	
141	30.3	32.1	48.1#	

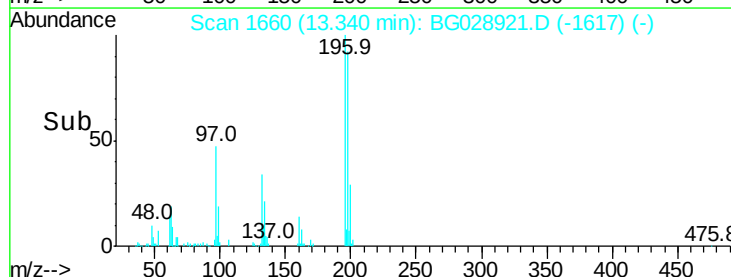
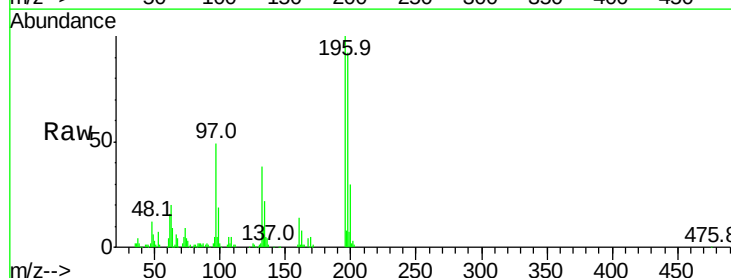
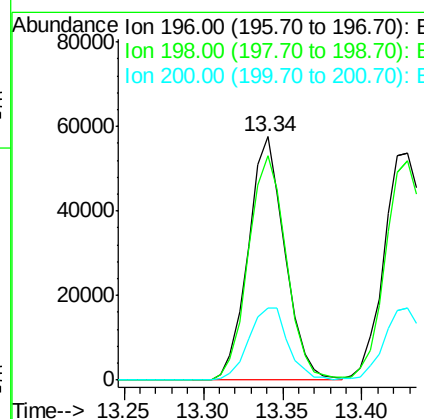
Manual Integrations
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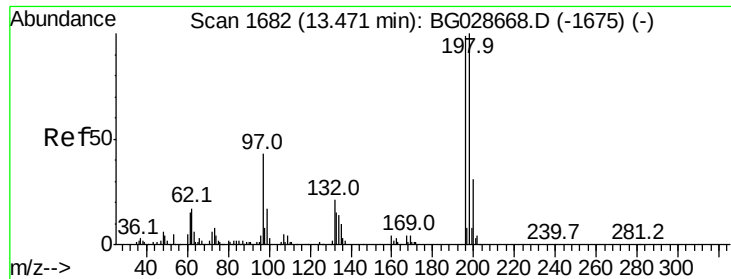
Sohil
 9/26/2017 5:00:18 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.535 ng
 RT: 13.34 min Scan# 1660
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92592		
198	92.0	81.4	122.2	
200	29.8	27.0	40.6	





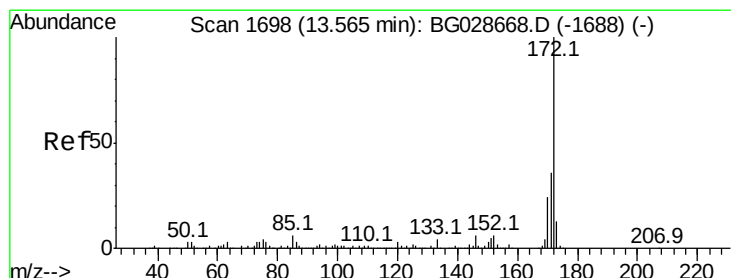
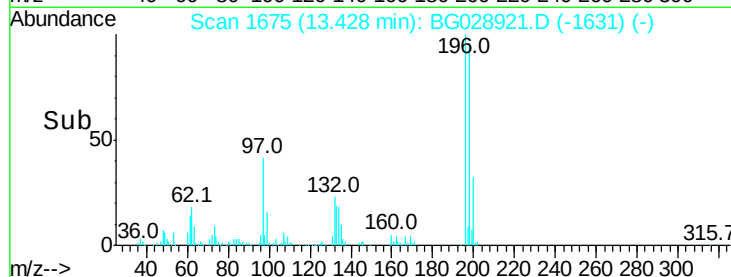
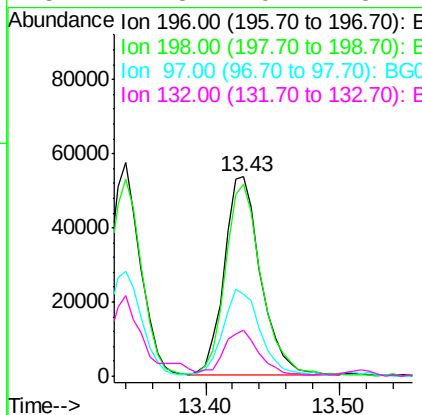
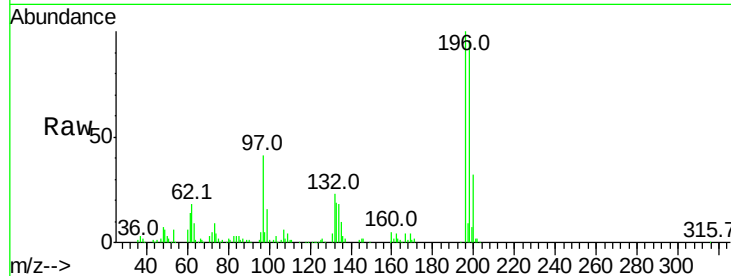
#43
 2,4,5-Trichlorophenol
 Concen: 51.142 ng
 RT: 13.43 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102252		
198	96.3	79.9	119.9	
97	41.3	45.4	68.0	
132	22.8	20.7	31.1	

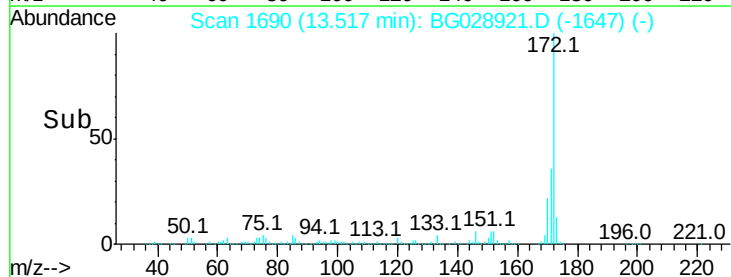
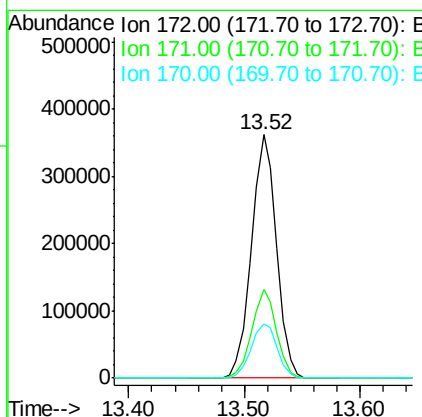
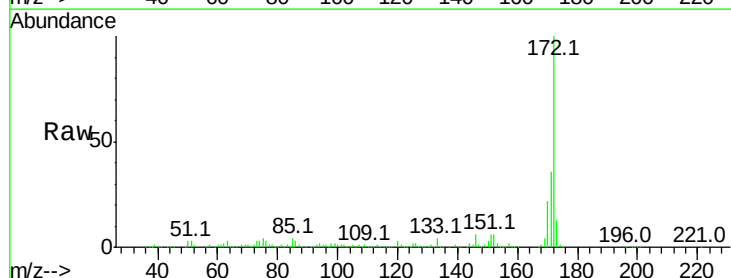
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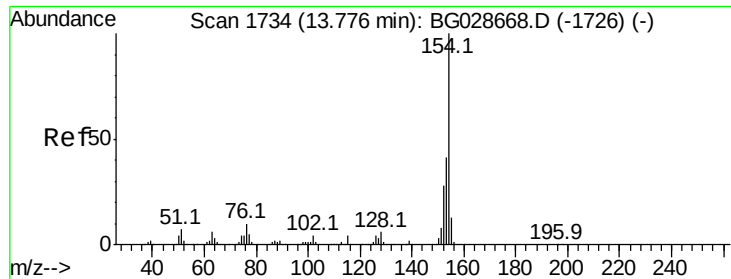
Sohil
 9/26/2017 5:00:18 PM



#44
 2-Fluorobiphenyl
 Concen: 95.245 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	544618		
171	36.4	32.2	48.2	
170	22.3	21.8	32.6	





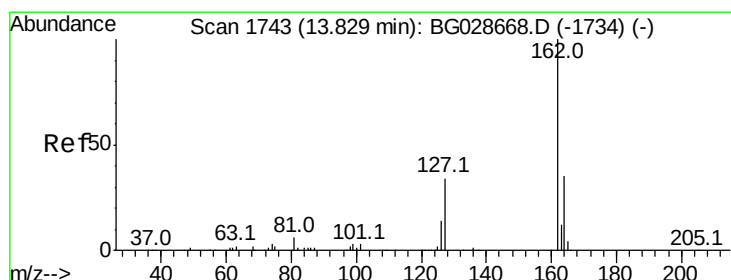
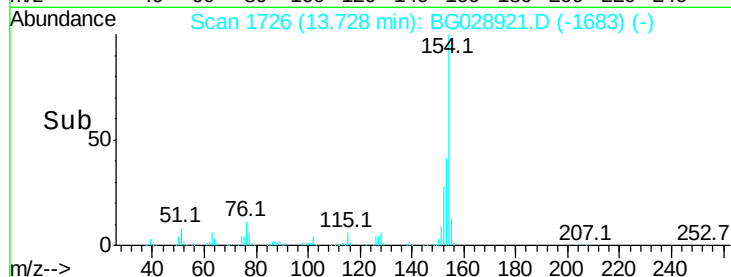
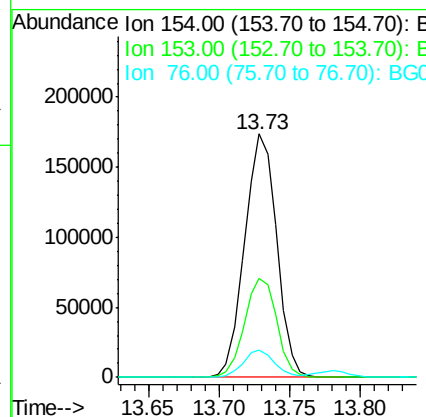
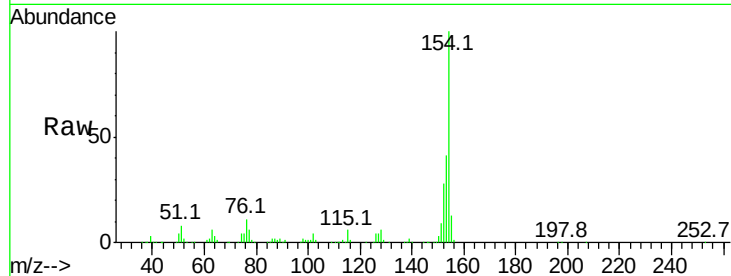
#45
 1,1'-Biphenyl
 Concen: 43.748 ng
 RT: 13.73 min Scan# 1726
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.0	63.0
76	11.3	0.0	33.5

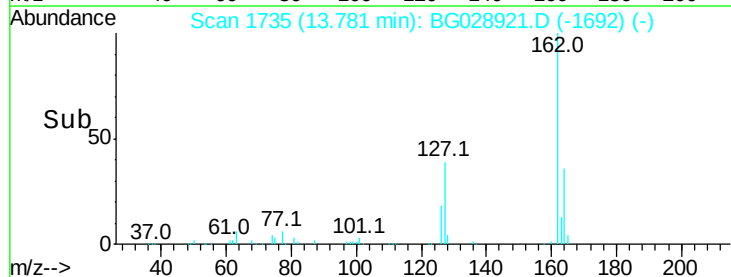
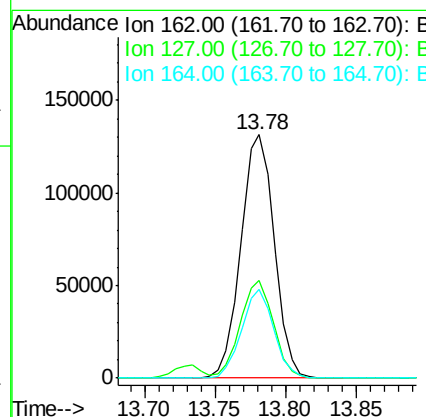
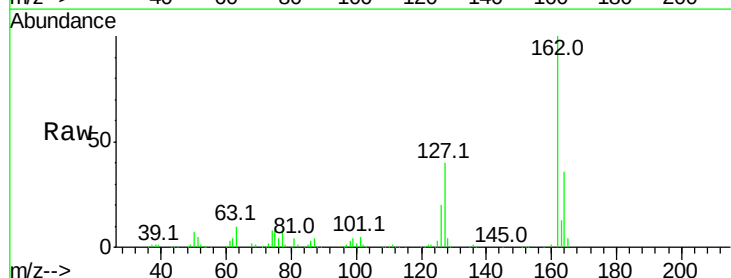
Manual Integrations
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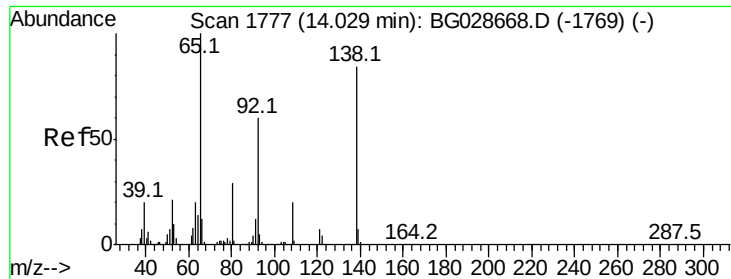
Sohil
 9/26/2017 5:00:18 PM



#46
 2-Chloronaphthalene
 Concen: 47.317 ng
 RT: 13.78 min Scan# 1735
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.2	48.4
164	36.4	27.3	40.9





#47

2-Nitroaniline

Concen: 55.107 ng

RT: 13.99 min Scan# 1770

Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

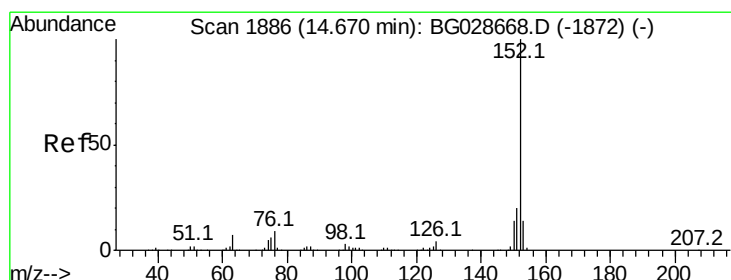
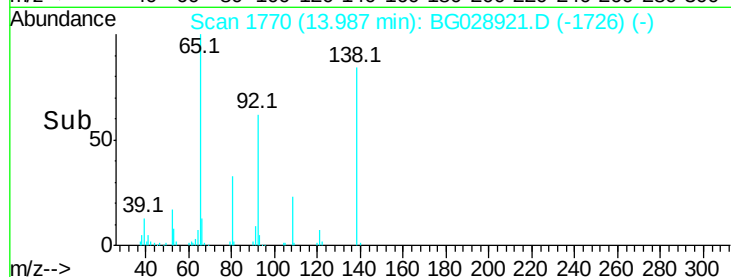
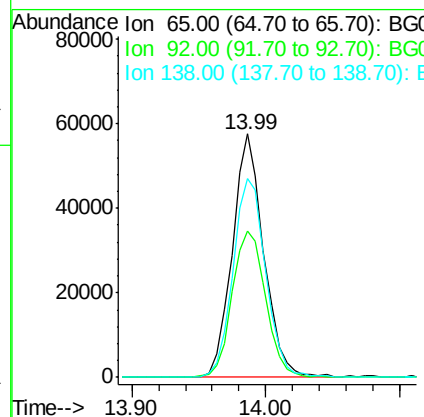
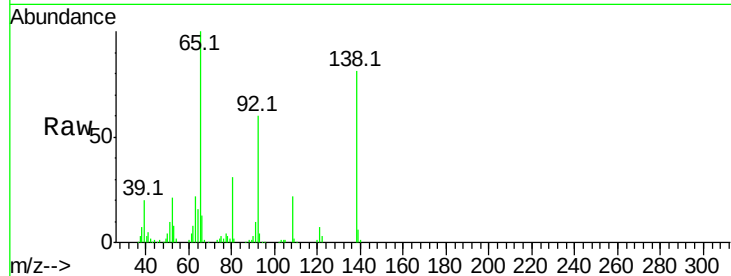
ClientSampleId :

SU-04-092217MS

Tot Ion:	65	Resp:	94302
Ion Ratio	Lower	Upper	
65	100		
92	60.0	49.0	73.4
138	81.5	58.6	87.8

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#48

Acenaphthylene

Concen: 48.813 ng

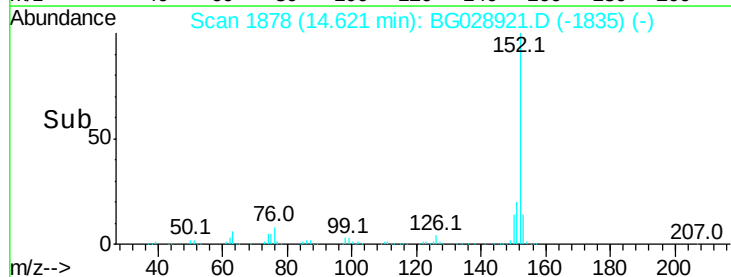
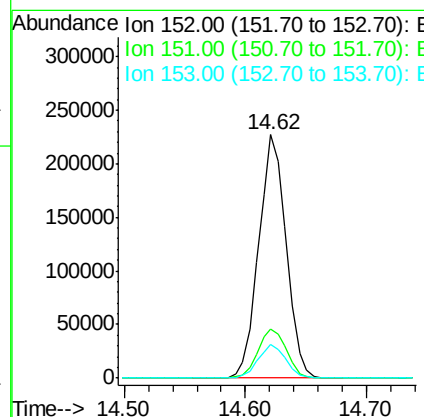
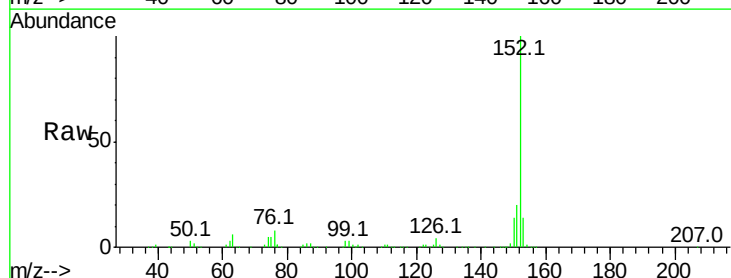
RT: 14.62 min Scan# 1878

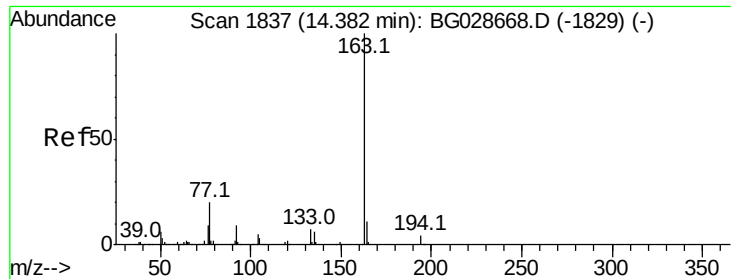
Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	152	Resp:	359081
Ion Ratio	Lower	Upper	
152	100		
151	20.3	18.2	27.2
153	13.9	11.3	16.9





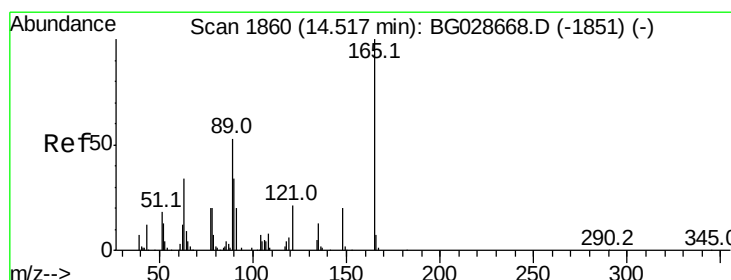
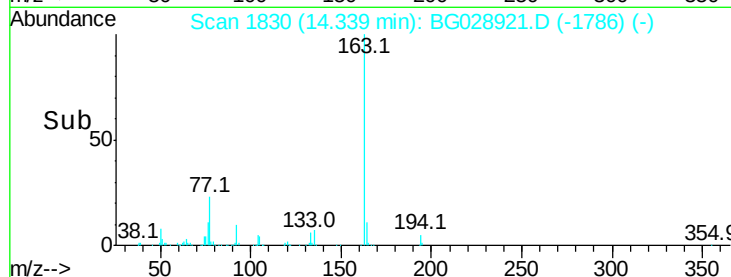
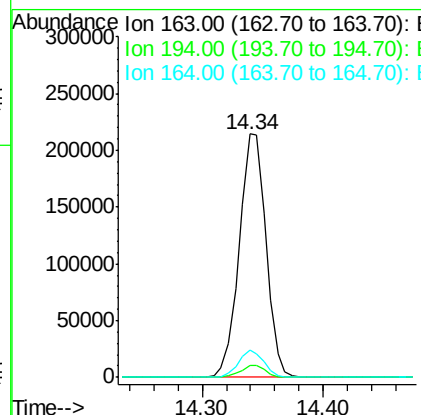
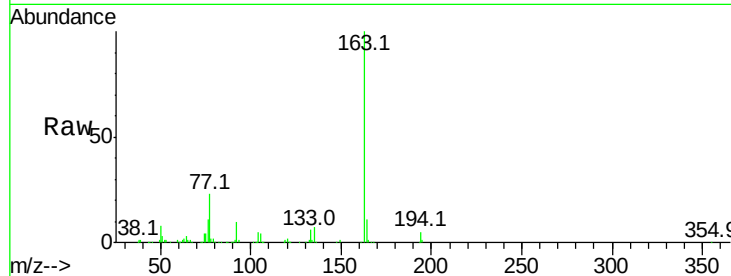
#49
Dimethylphthalate
Concen: 51.962 ng
RT: 14.34 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	332227		
194	4.9		3.8	5.6
164	11.0		9.3	13.9

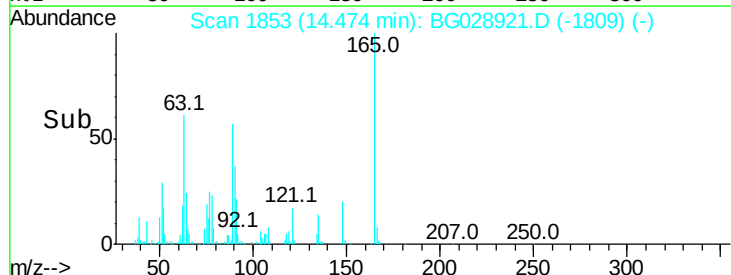
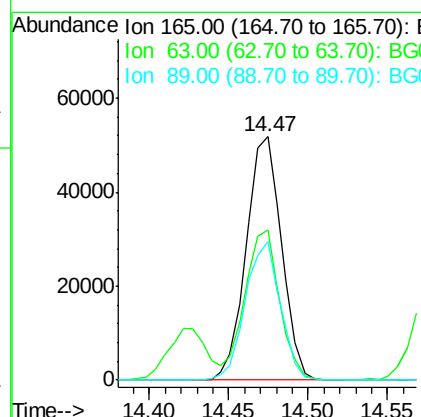
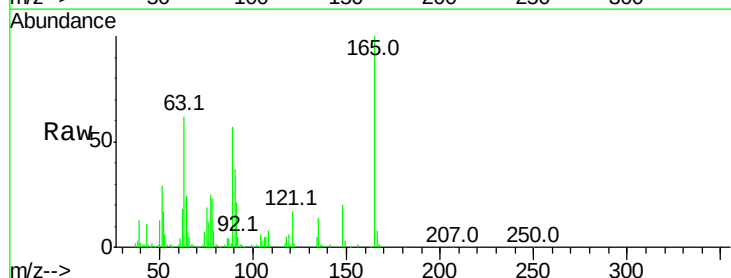
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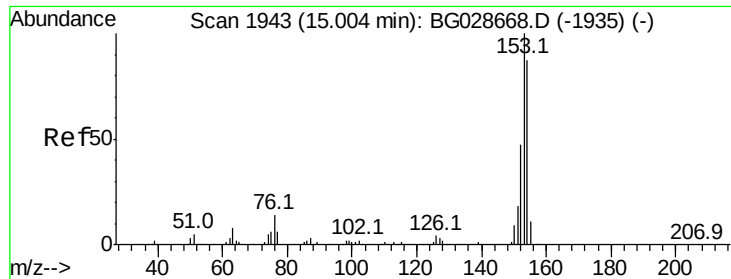
Sohil
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#50
2,6-Dinitrotoluene
Concen: 56.287 ng
RT: 14.47 min Scan# 1853
Delta R.T. -0.04 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80077		
63	61.7		63.9	95.9#
89	57.0		58.6	88.0#





#51

Acenaphthene

Concen: 51.211 ng

RT: 14.96 min Scan# 1936

Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

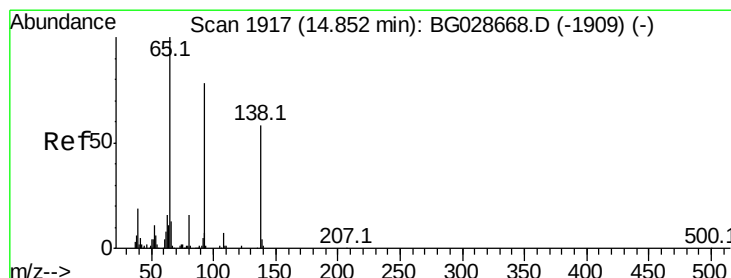
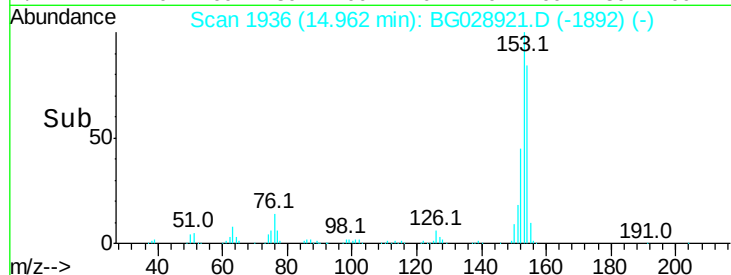
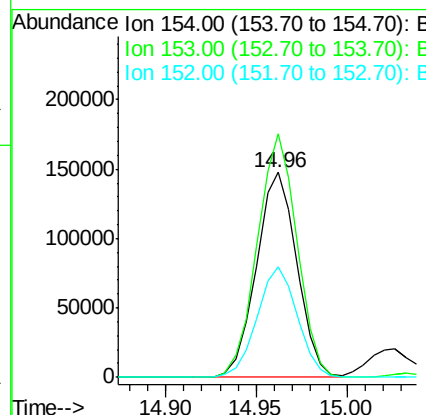
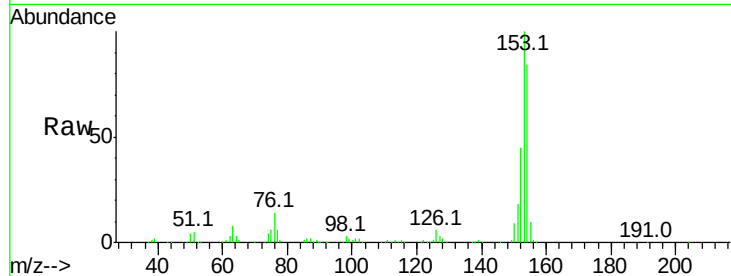
ClientSampleId :

SU-04-092217MS

Tot Ion:	154	Resp:	228845
Ion Ratio	Lower	Upper	
154	100		
153	118.8	87.8	131.6
152	53.6	42.2	63.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 30.546 ng

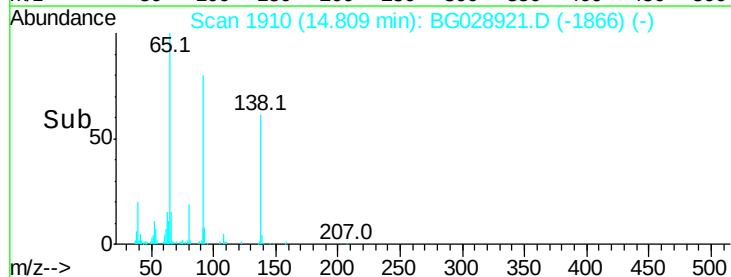
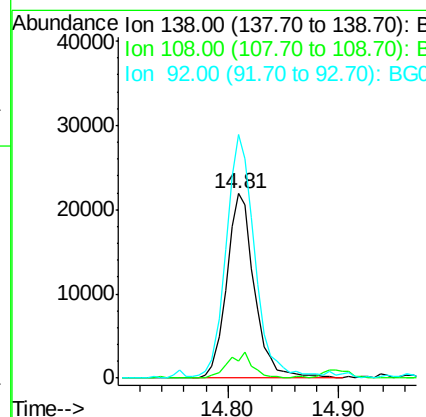
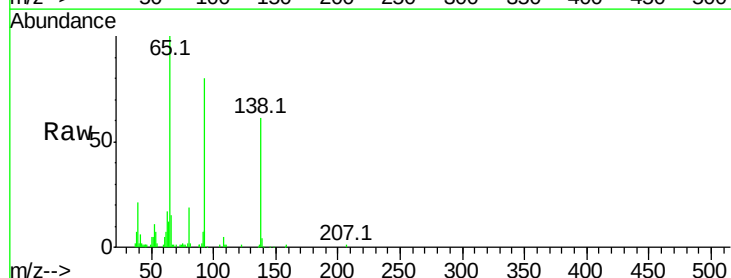
RT: 14.81 min Scan# 1910

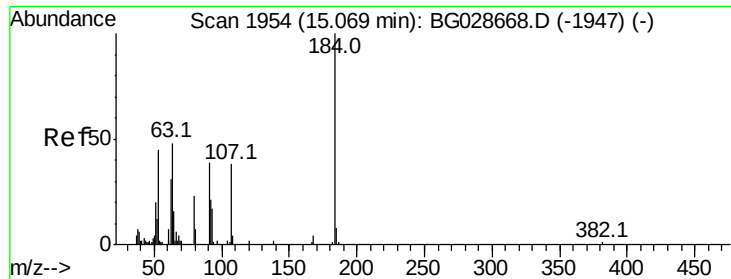
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	138	Resp:	38429
Ion Ratio	Lower	Upper	
138	100		
108	9.0	10.9	16.3#
92	132.2	115.3	172.9





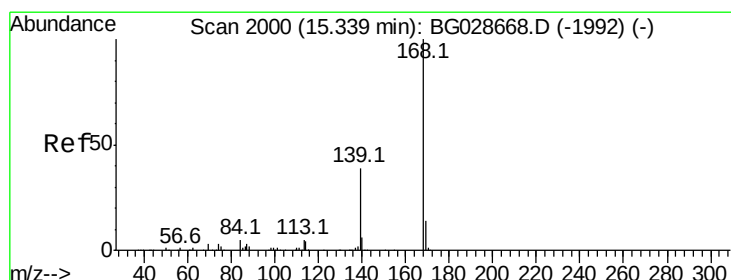
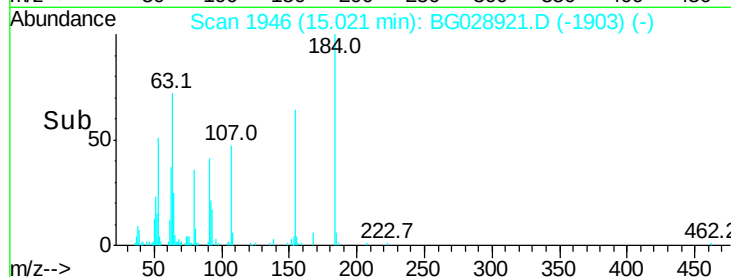
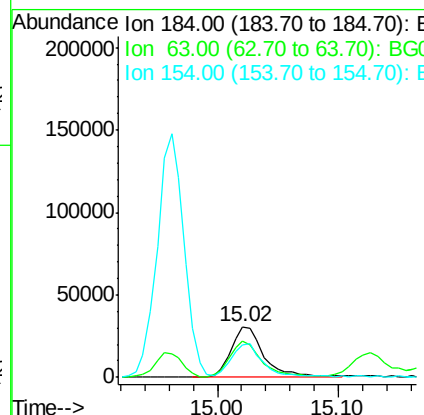
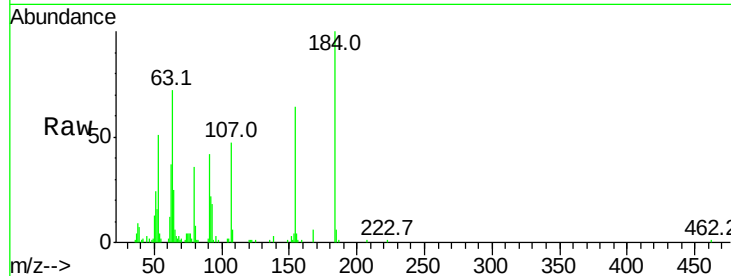
#53
2,4-Dinitrophenol
Concen: 78.796 ng
RT: 15.02 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	71.7	52.7	79.1	
154	64.1	57.3	85.9	

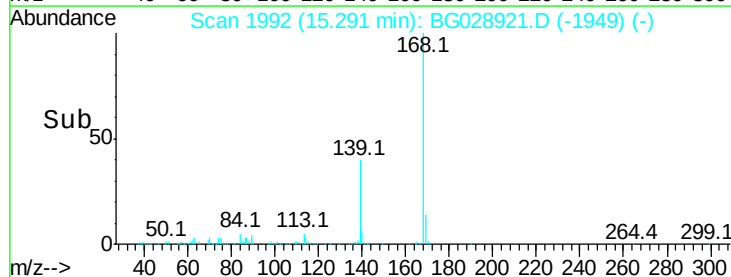
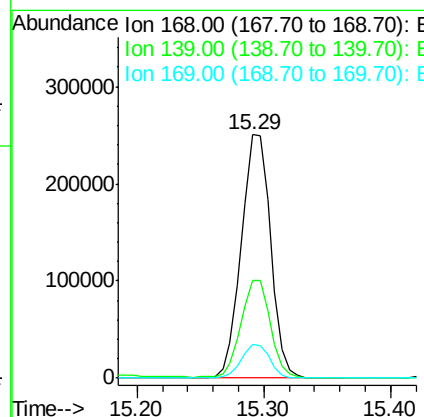
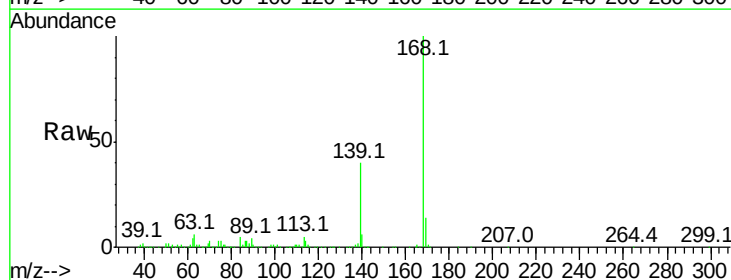
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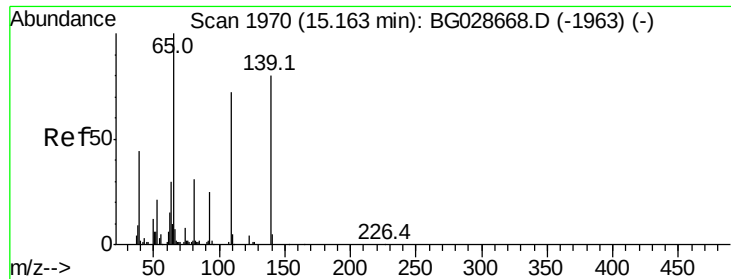
Sohil
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#54
Dibenzofuran
Concen: 56.288 ng
RT: 15.29 min Scan# 1992
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	35.3	52.9	
169	13.6	11.5	17.3	





#55

4-Nitrophenol

Concen: 93.654 ng

RT: 15.13 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

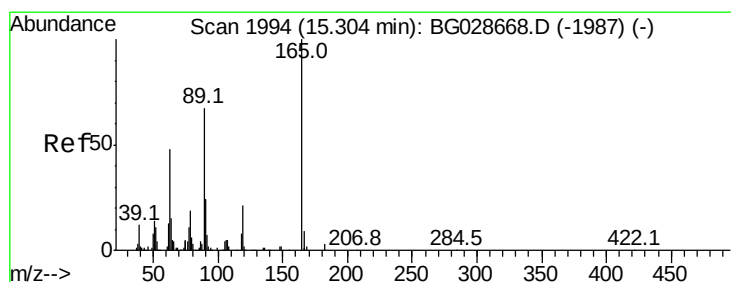
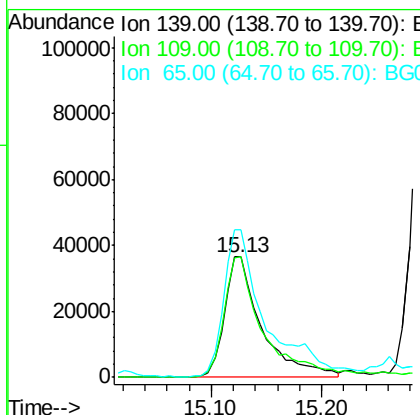
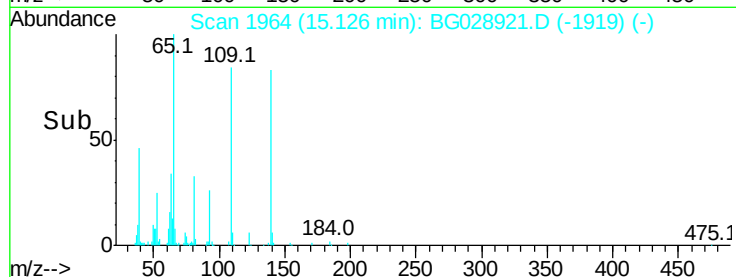
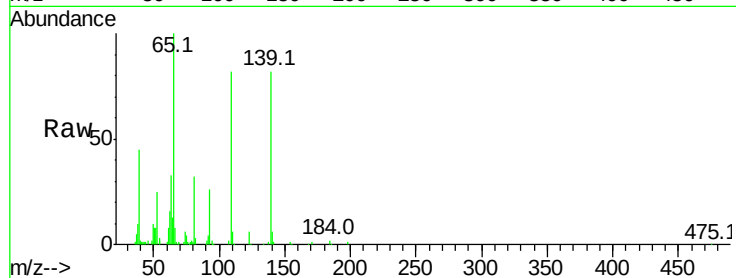
ClientSampleId :

SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	99.9	101.2	141.2#
65	122.3	135.3	175.3#

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#56

2,4-Dinitrotoluene

Concen: 59.444 ng

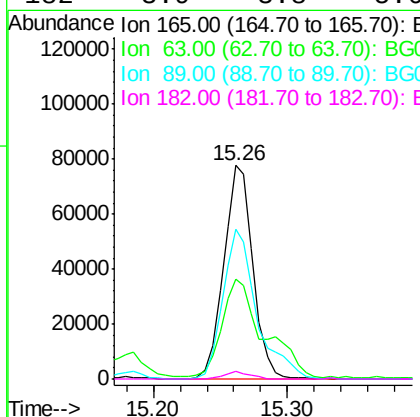
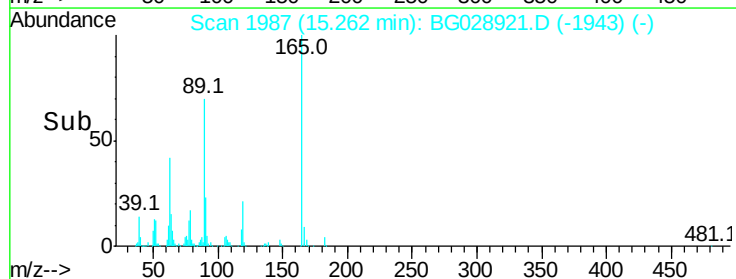
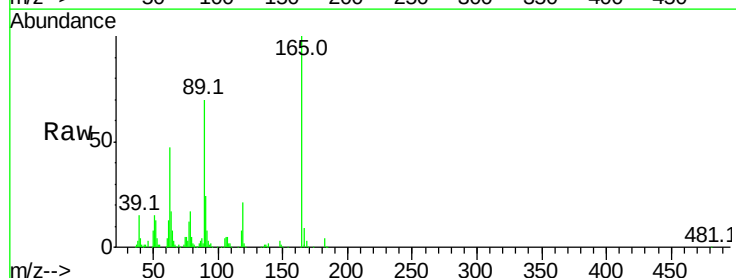
RT: 15.26 min Scan# 1987

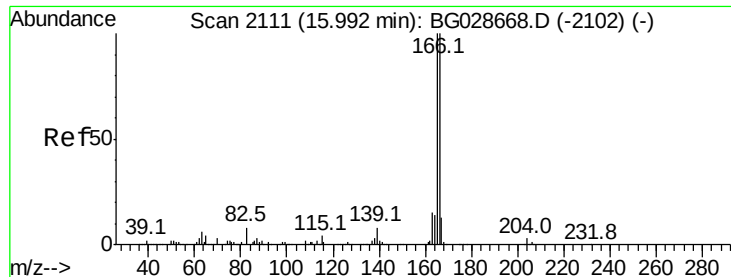
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.0	44.0	66.0
89	70.4	67.3	100.9
182	3.9	3.8	5.6





#57

Fluorene

Concen: 55.956 ng

RT: 15.94 min Scan# 2103

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

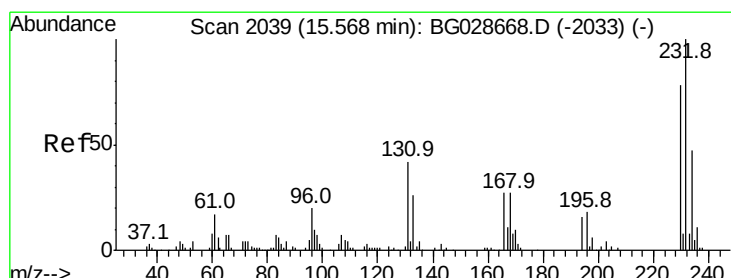
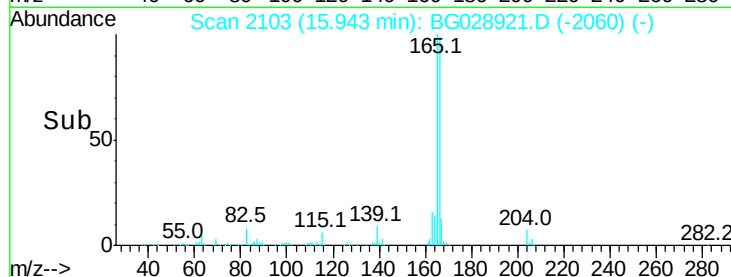
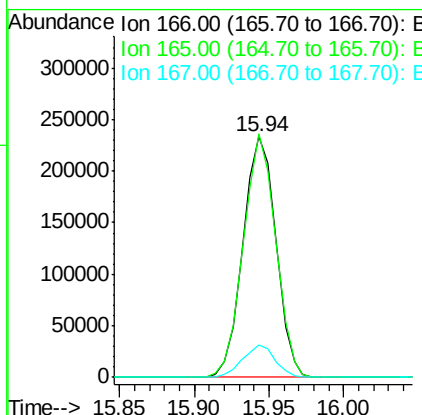
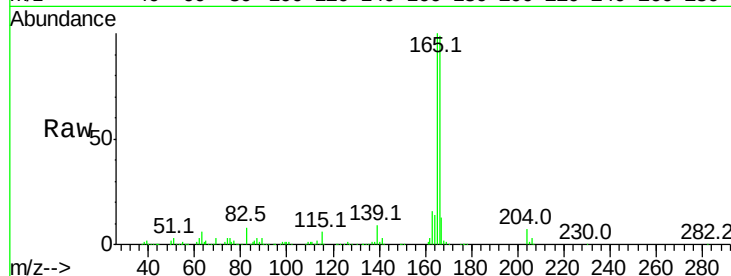
ClientSampleId :

SU-04-092217MS

Tot Ion:	166	Resp:	356000
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.6	117.8
167	13.3	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 61.431 ng

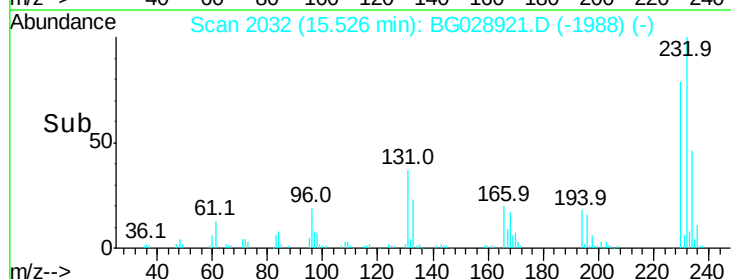
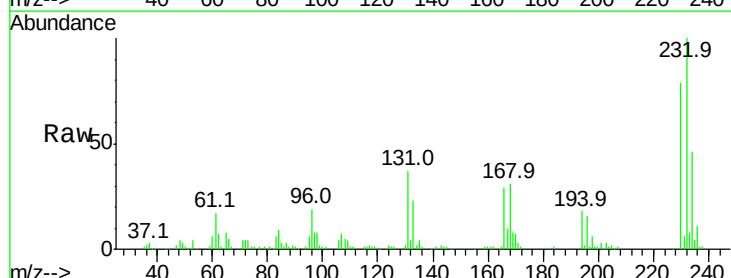
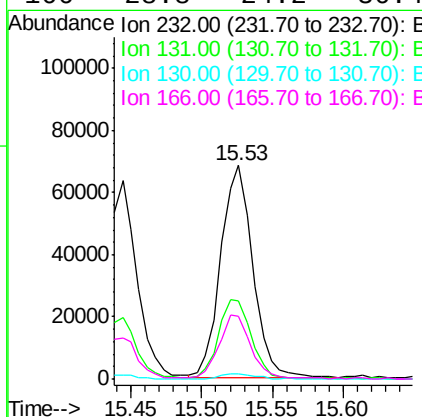
RT: 15.53 min Scan# 2032

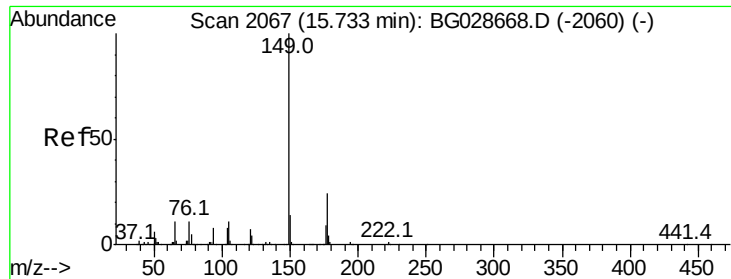
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	232	Resp:	108249
Ion Ratio	Lower	Upper	
232	100		
131	37.3	34.9	52.3
130	2.4	2.3	3.5
166	28.8	24.2	36.4





#59

Diethylphthalate

Concen: 55.624 ng

RT: 15.69 min Scan# 2060

Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

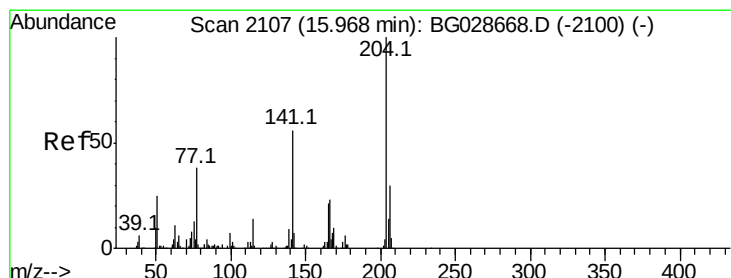
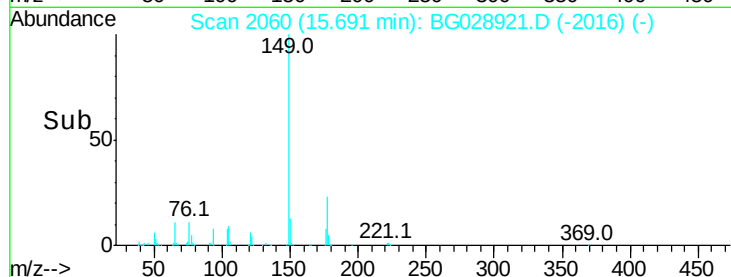
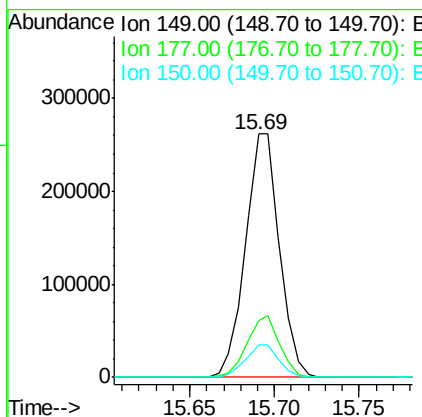
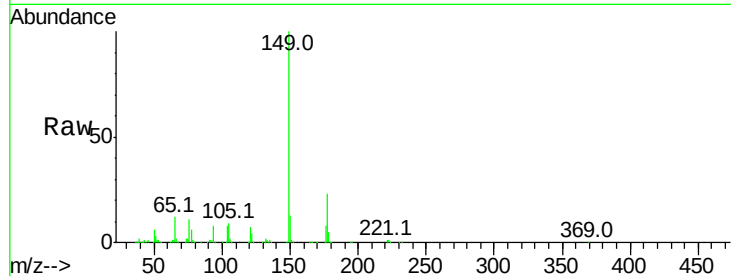
ClientSampleId :

SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.3	20.1	30.1	
150	13.1	10.2	15.2	

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#60

4-Chlorophenyl-phenylether

Concen: 53.543 ng

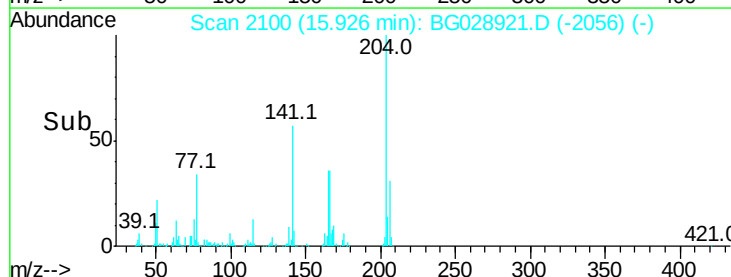
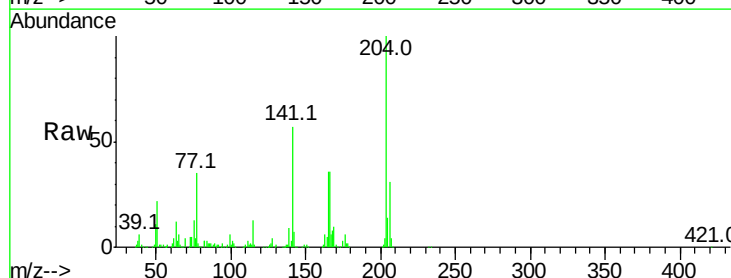
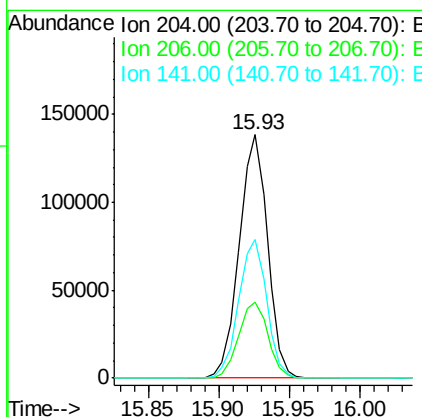
RT: 15.93 min Scan# 2100

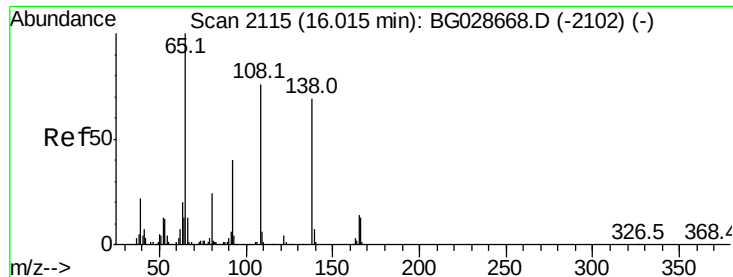
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	31.3	30.1	45.1	
141	56.7	50.6	76.0	





#61

4-Nitroaniline

Concen: 59.007 ng

RT: 15.98 min Scan# 2109

Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

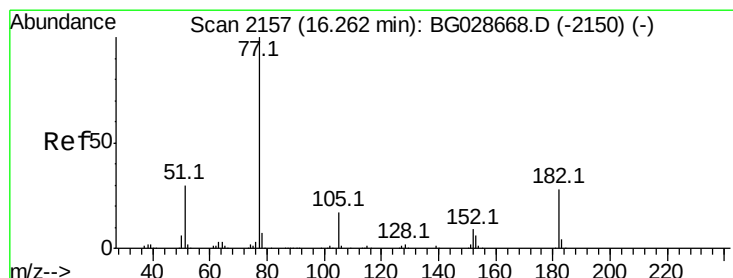
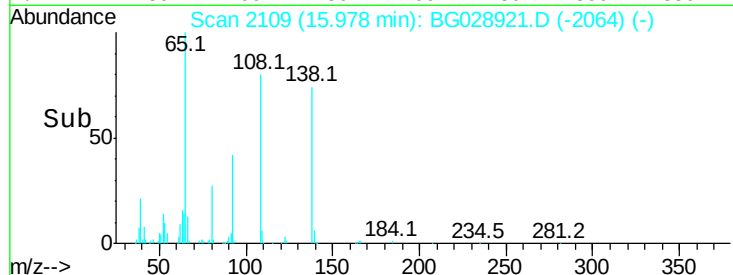
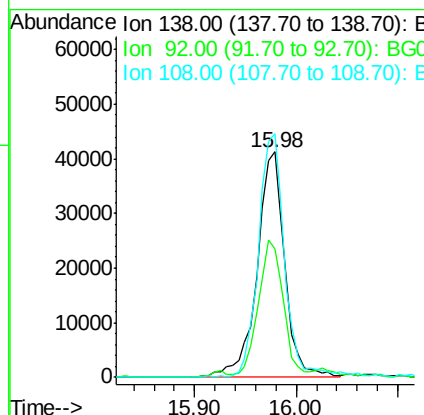
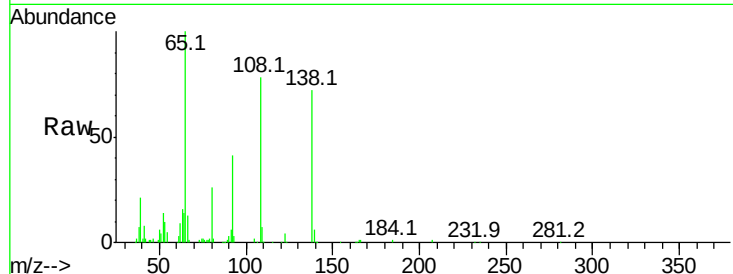
ClientSampleId :

SU-04-092217MS

Tot Ion:	138	Resp:	78646
Ion	Ratio	Lower	Upper
138	100		
92	56.9	44.2	84.2
108	108.1	104.8	144.8

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#62

Azobenzene

Concen: 59.676 ng

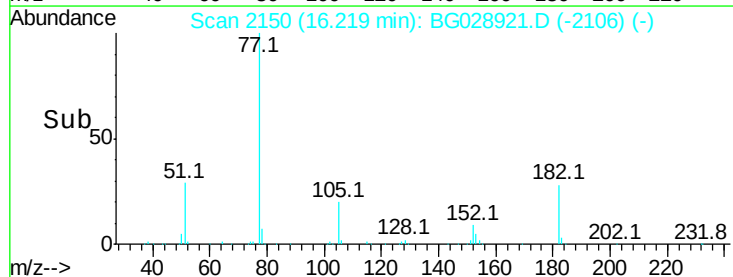
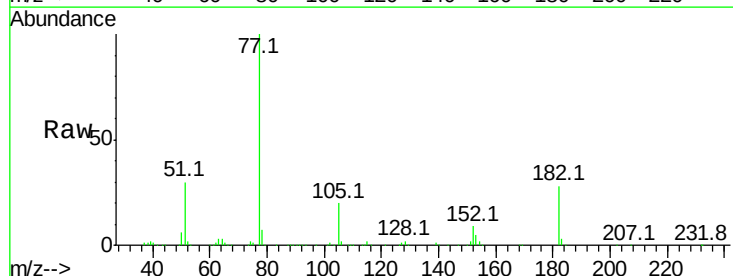
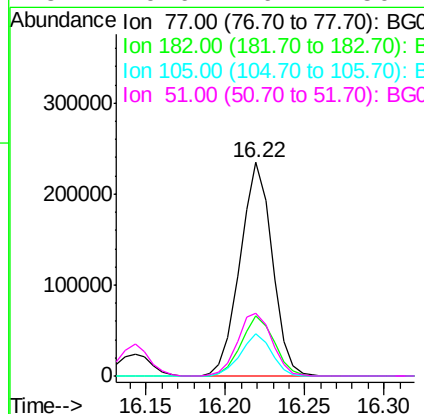
RT: 16.22 min Scan# 2150

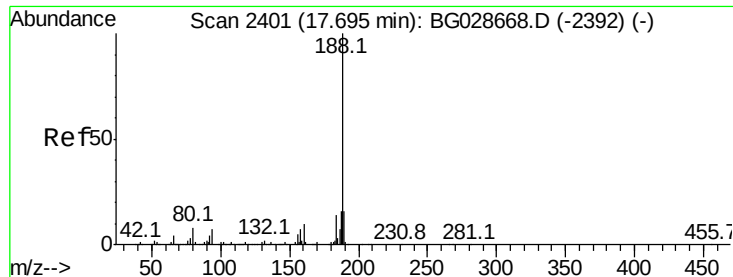
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	77	Resp:	329768
Ion	Ratio	Lower	Upper
77	100		
182	28.0	4.7	44.7
105	19.9	0.0	36.3
51	29.6	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

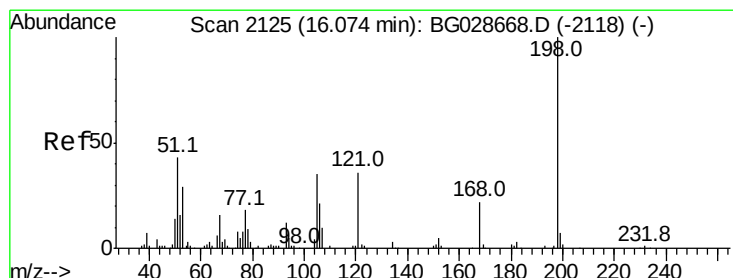
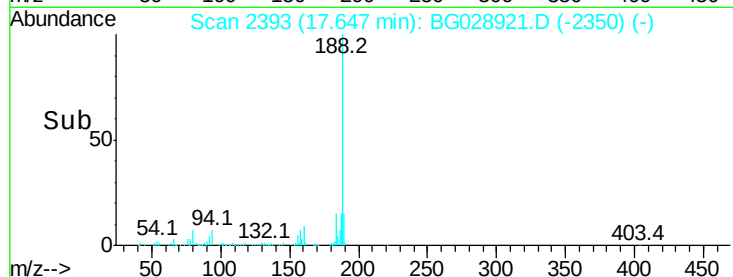
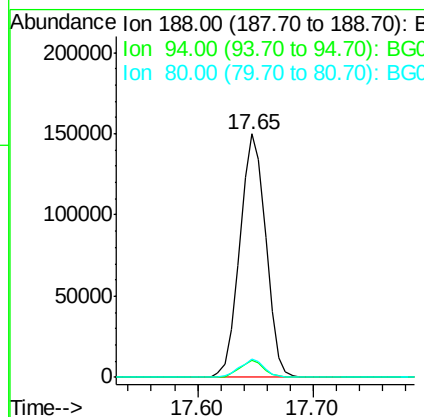
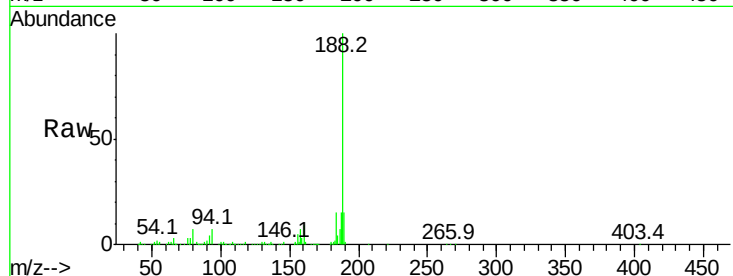
ClientSampleId :

SU-04-092217MS

Tot Ion:188	Resp:	233453
Ion Ratio	Lower	Upper
188 100		
94 6.9	5.8	8.8
80 7.3	7.5	11.3#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 42.293 ng

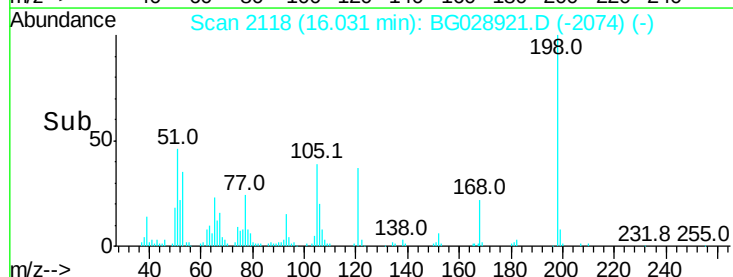
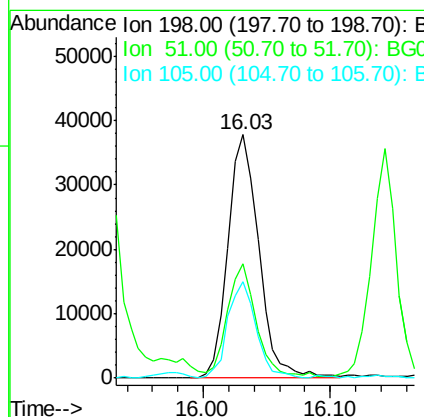
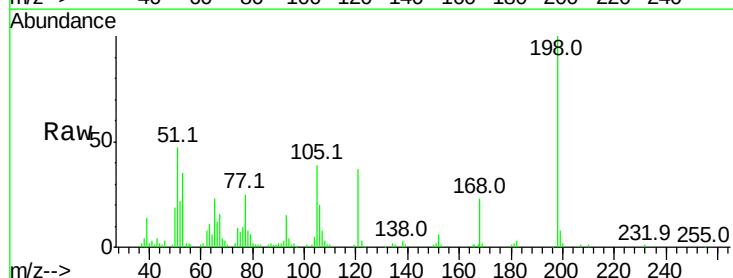
RT: 16.03 min Scan# 2118

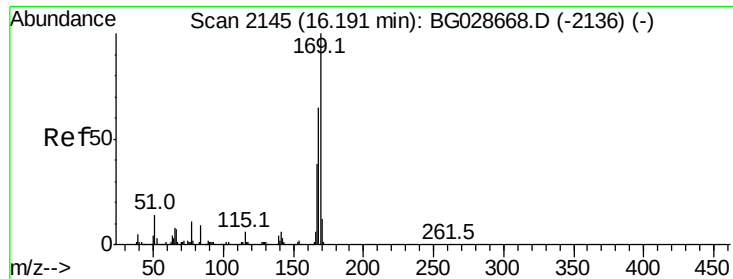
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:198	Resp:	63710
Ion Ratio	Lower	Upper
198 100		
51 46.8	22.6	62.6
105 39.5	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 46.421 ng

RT: 16.14 min Scan# 2137

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

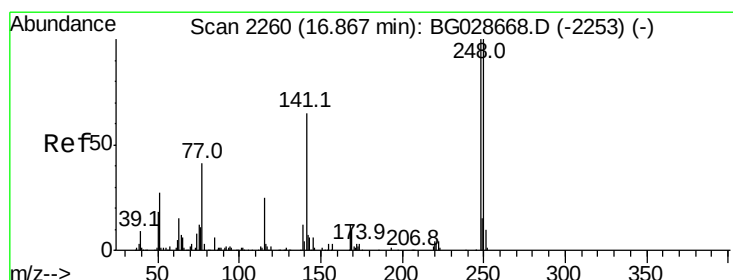
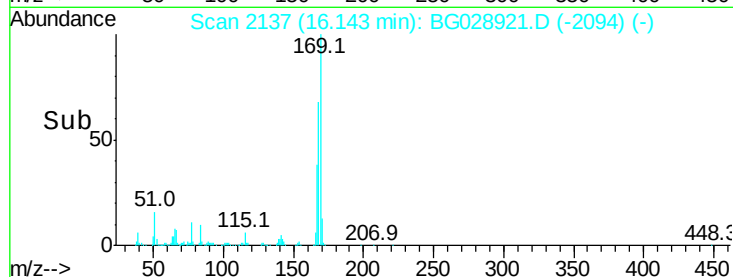
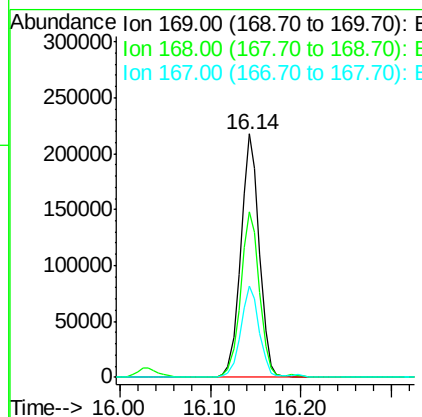
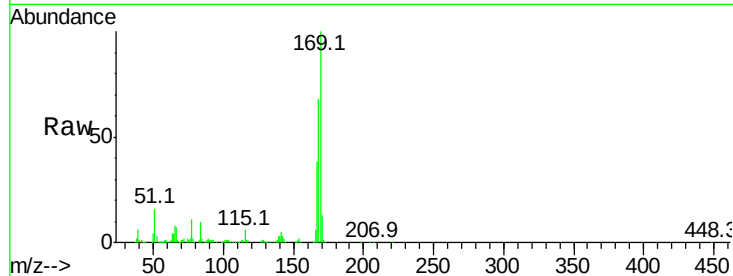
ClientSampleId :

SU-04-092217MS

Tot Ion:	169	Resp:	310666
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.7	83.5
167	37.5	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 46.077 ng

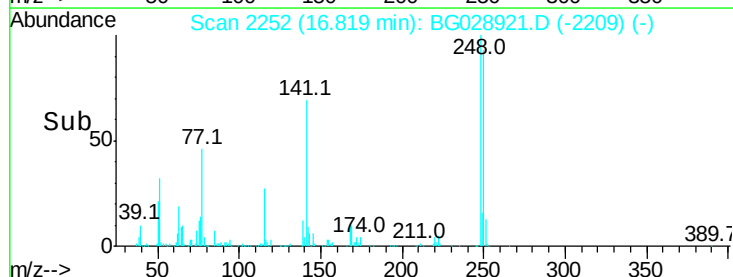
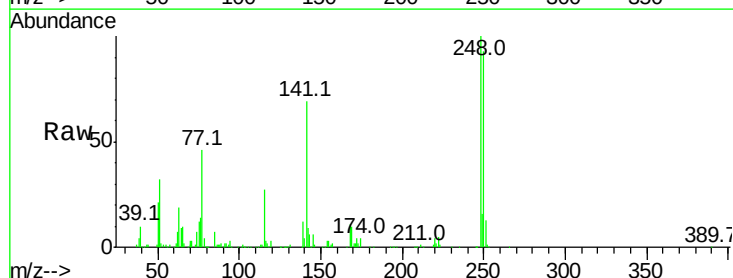
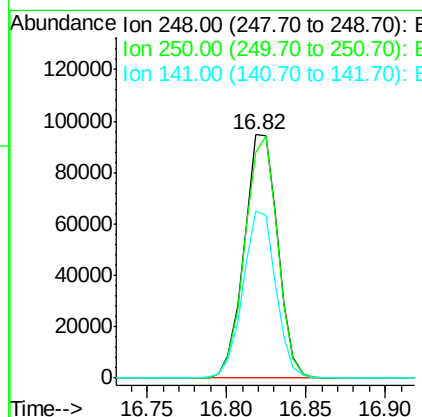
RT: 16.82 min Scan# 2252

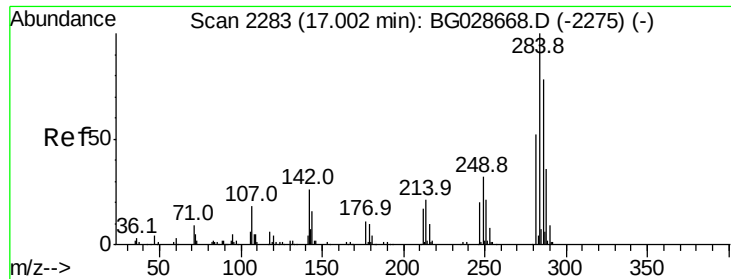
Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	248	Resp:	138412
Ion Ratio	Lower	Upper	
248	100		
250	92.8	75.0	112.6
141	68.6	55.2	82.8





#67

Hexachlorobenzene

Concen: 44.221 ng

RT: 16.95 min Scan# 2275

Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

ClientSampleId :

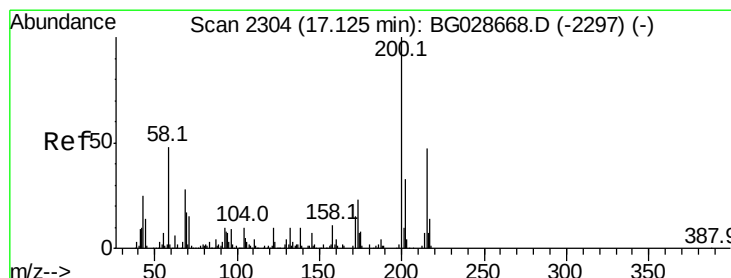
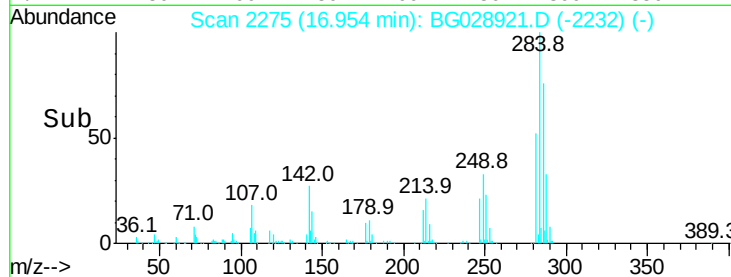
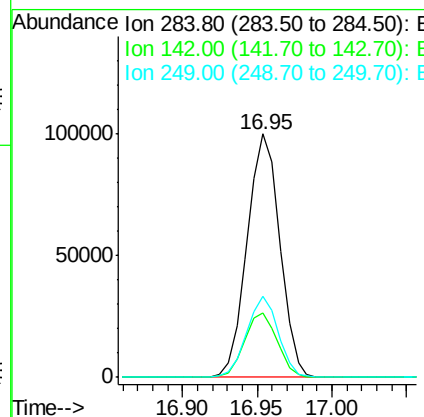
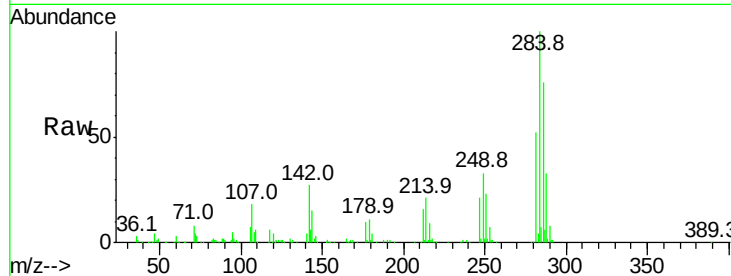
SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.6	29.9	44.9#	
249	33.1	29.2	43.8	

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#68

Atrazine

Concen: 48.833 ng

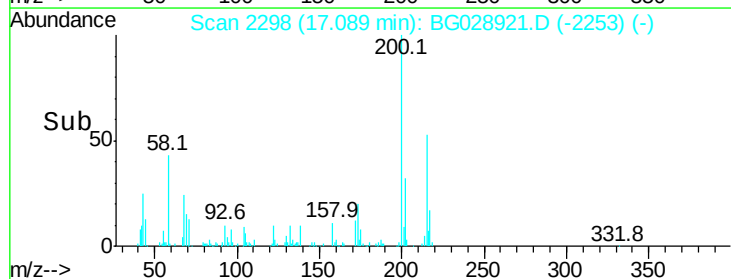
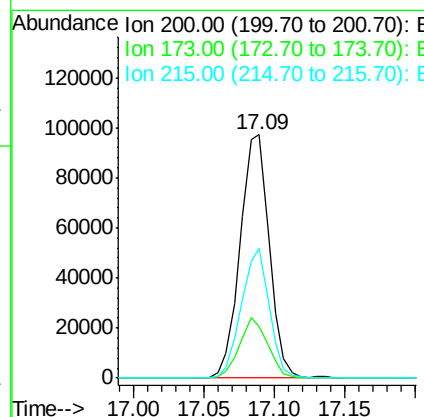
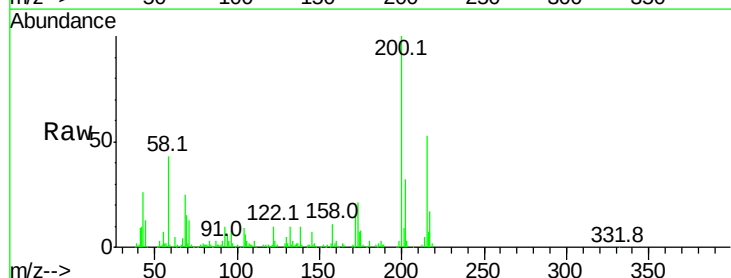
RT: 17.09 min Scan# 2298

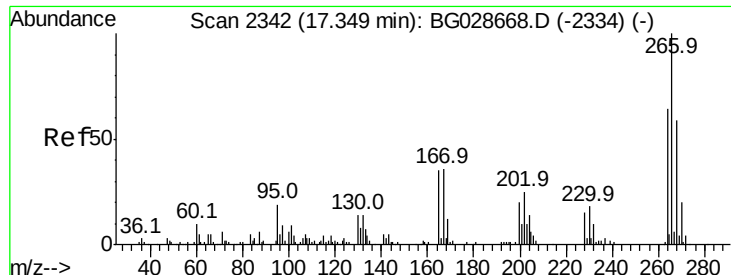
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	21.0	3.0	43.0	
215	53.4	28.4	68.4	





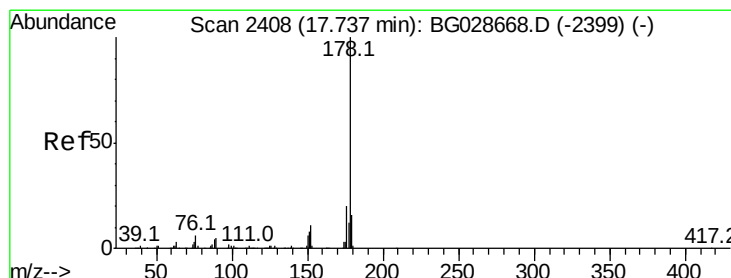
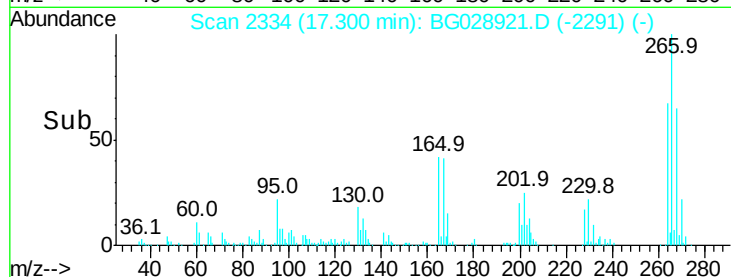
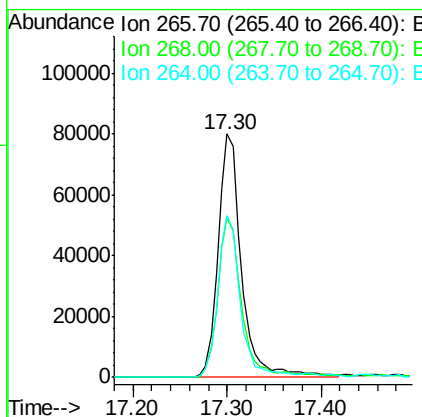
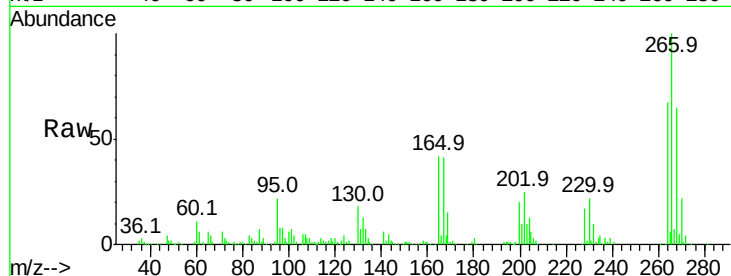
#69
 Pentachlorophenol
 Concen: 90.094 ng
 RT: 17.30 min Scan# 2334
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	139171		
268	65.4	48.6	72.8	
264	66.6	50.1	75.1	

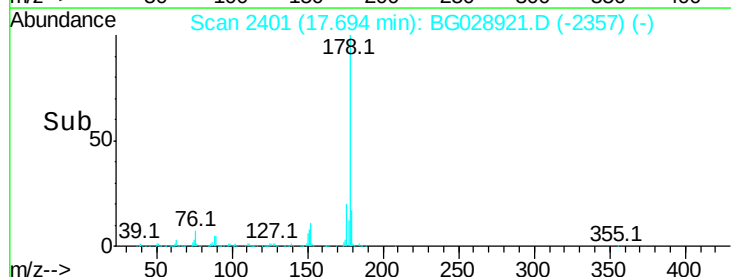
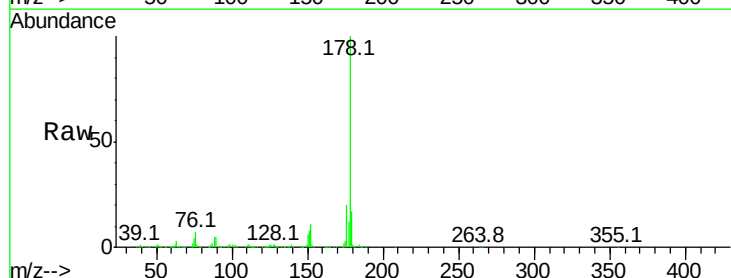
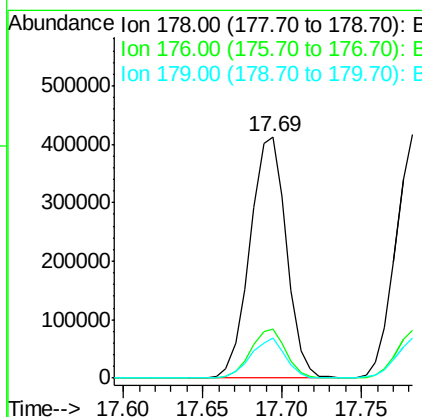
Manual Integrations
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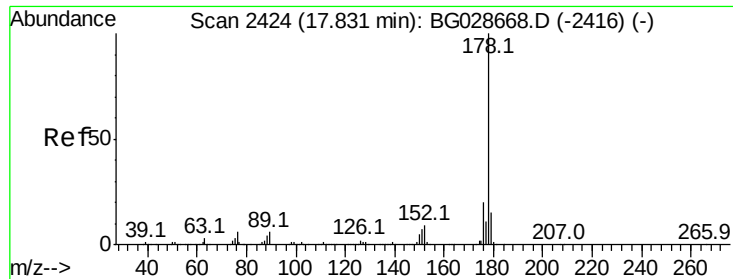
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#70
 Phenanthrene
 Concen: 55.166 ng
 RT: 17.69 min Scan# 2401
 Delta R.T. -0.04 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	658587		
176	20.1	17.7	26.5	
179	16.7	15.0	22.6	





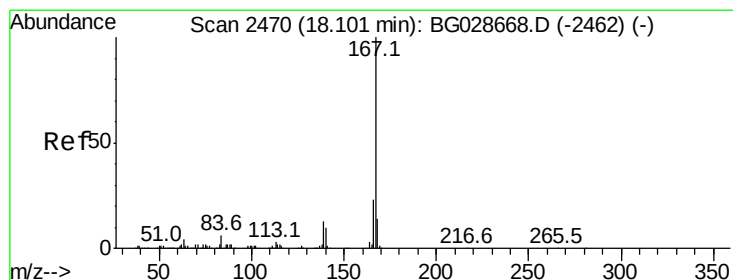
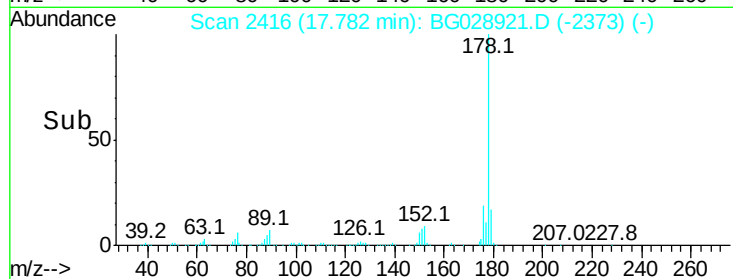
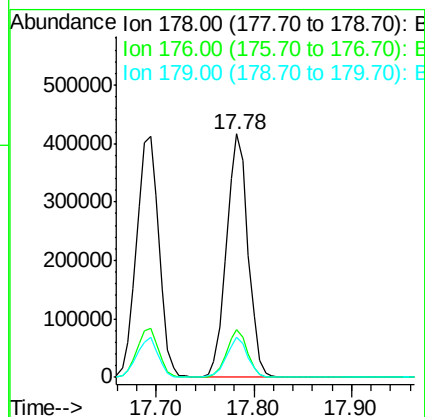
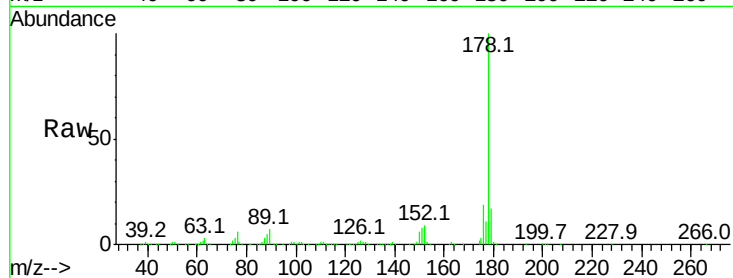
#71
 Anthracene
 Concen: 52.697 ng
 RT: 17.78 min Scan# 2416
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.4	24.6
179	16.6	13.8	20.8

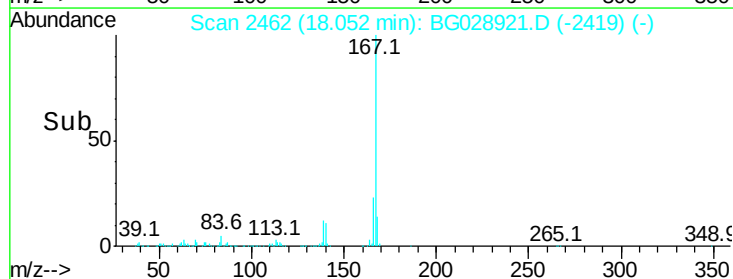
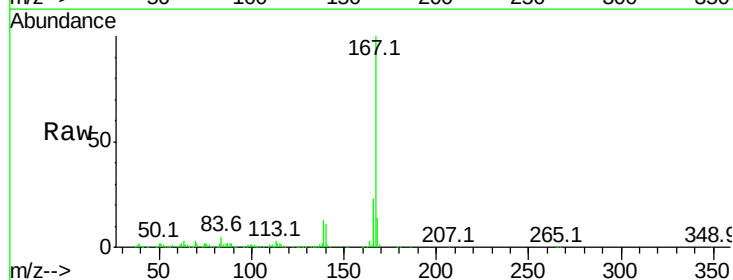
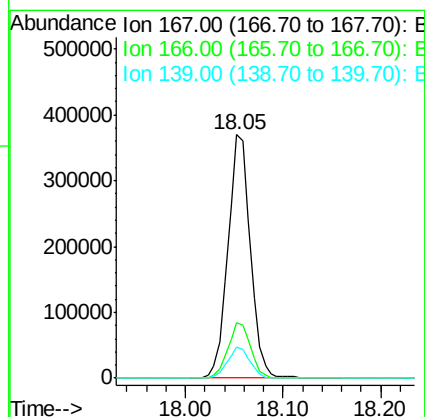
Manual Integrations
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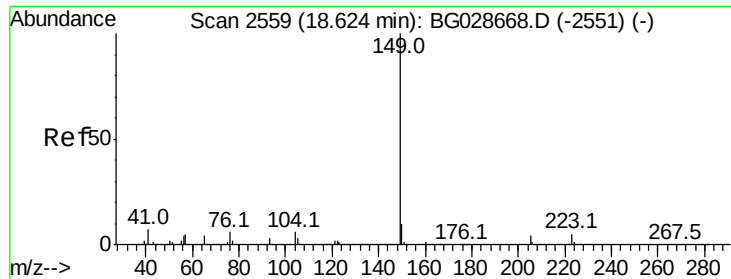
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#72
 Carbazole
 Concen: 54.199 ng
 RT: 18.05 min Scan# 2462
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	20.2	30.2
139	12.7	12.8	19.2#





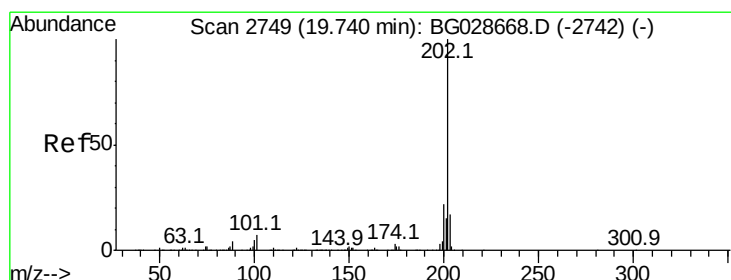
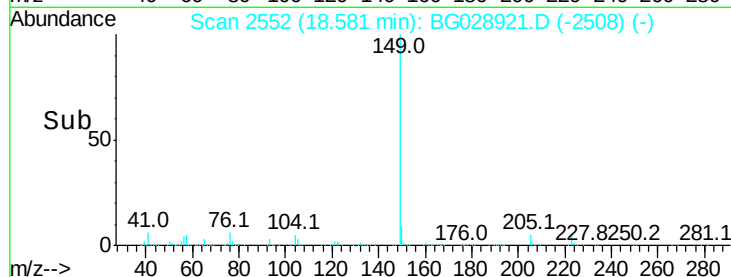
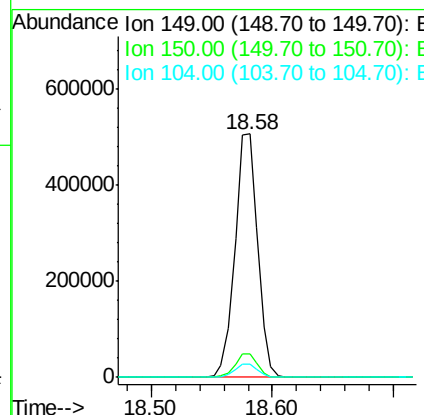
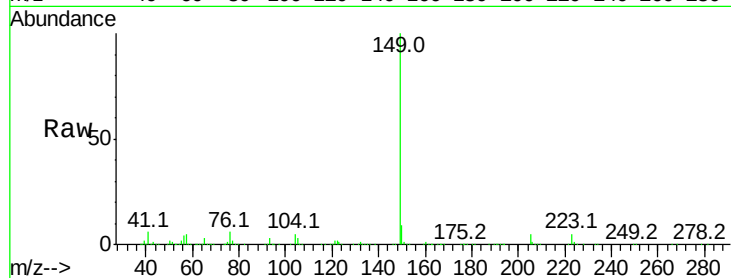
#73
Di-n-butylphthalate
Concen: 49.788 ng
RT: 18.58 min Scan# 2552
Delta R.T. -0.04 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.5	9.1	13.7
104	5.3	6.7	10.1

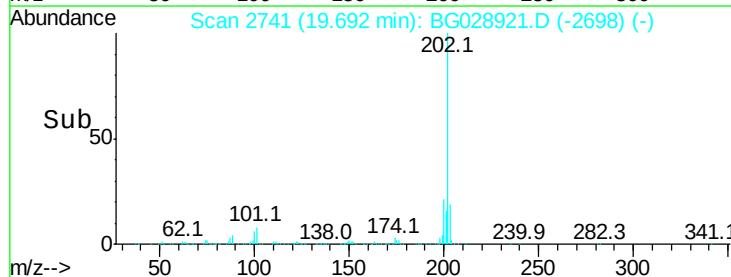
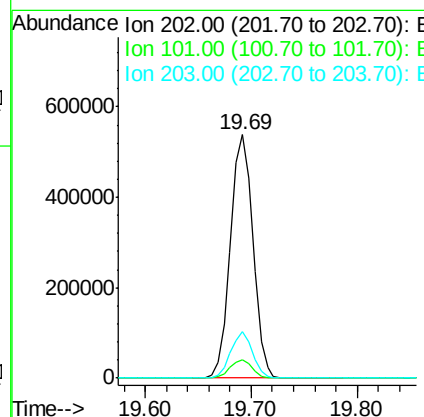
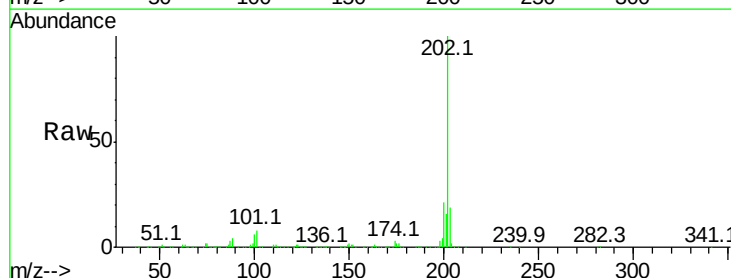
Manual Integrations
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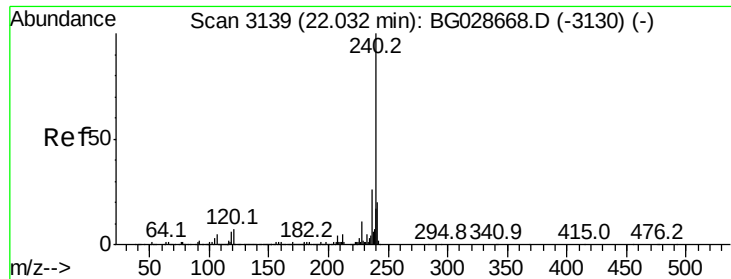
Sohil
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#74
Fluoranthene
Concen: 54.367 ng
RT: 19.69 min Scan# 2741
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.8	0.0	30.1
203	19.0	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

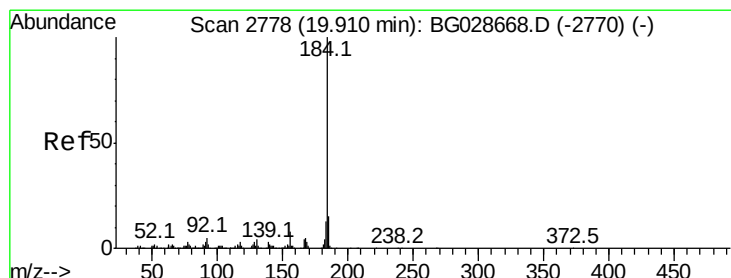
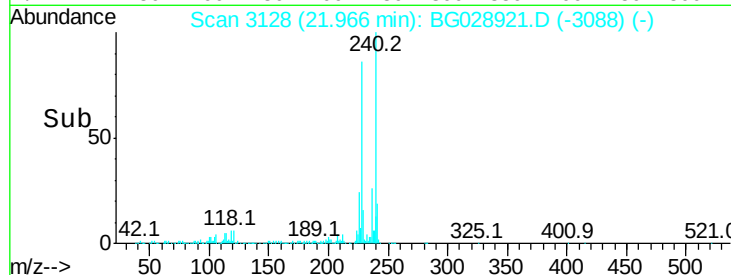
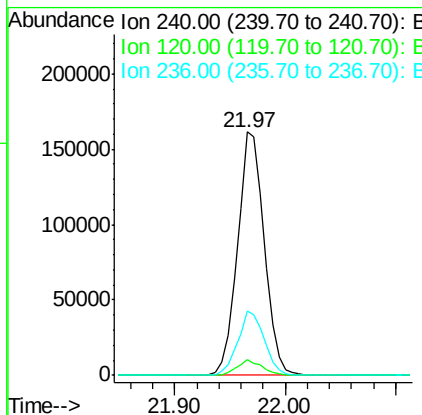
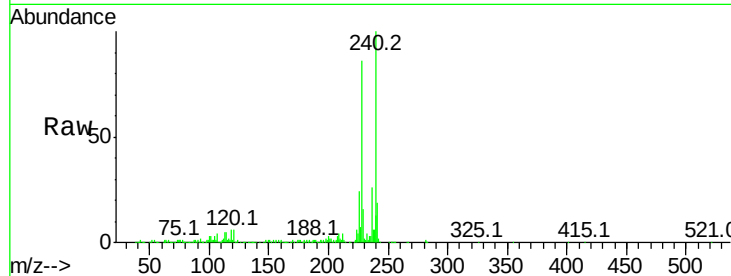
ClientSampleId :

SU-04-092217MS

Tot Ion:	240	Resp:	274825
Ion Ratio	Lower	Upper	
240	100		
120	6.4	5.7	8.5
236	26.2	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 45.189 ng

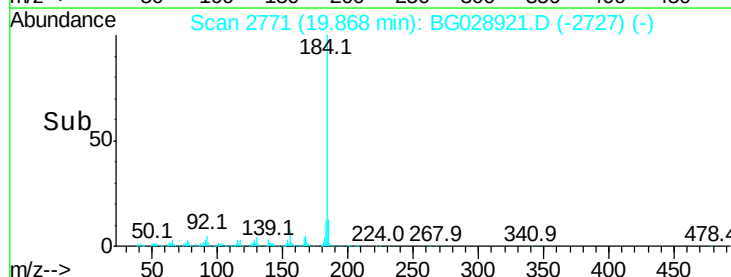
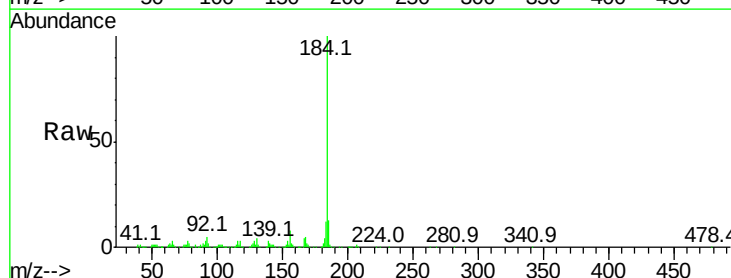
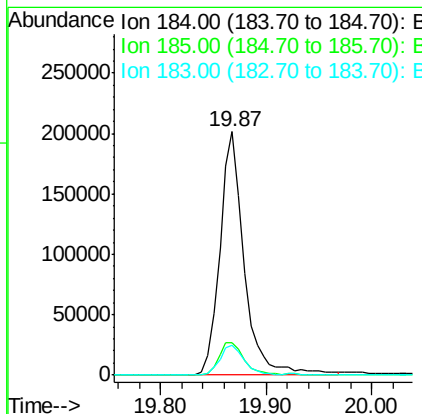
RT: 19.87 min Scan# 2771

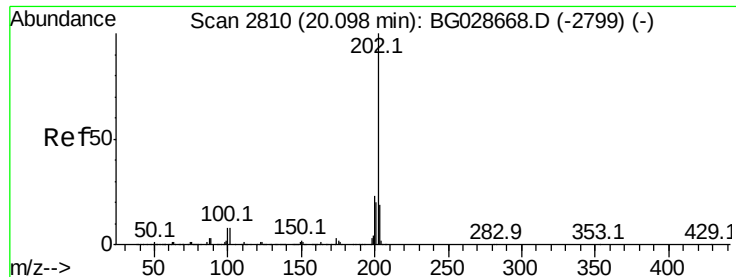
Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	184	Resp:	322052
Ion Ratio	Lower	Upper	
184	100		
185	13.2	13.0	19.6
183	12.1	11.0	16.6





#77

Pvrene

Concen: 51.340 ng

RT: 20.06 min Scan# 2803

Delta R.T. -0.04 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

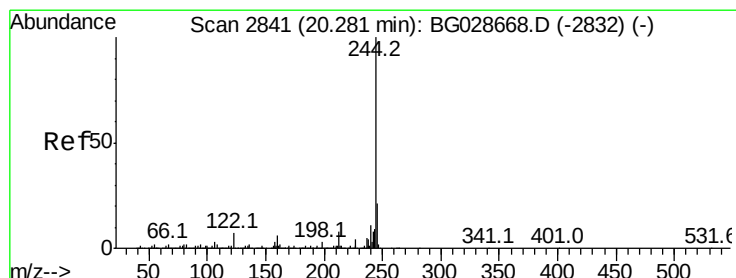
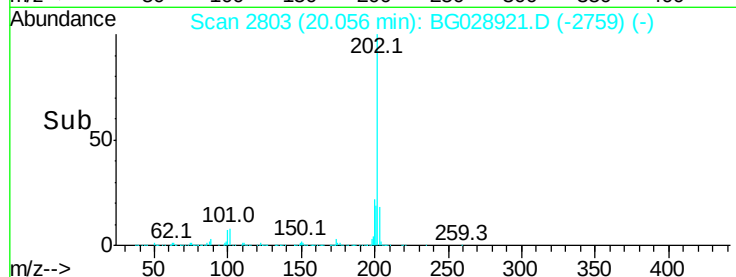
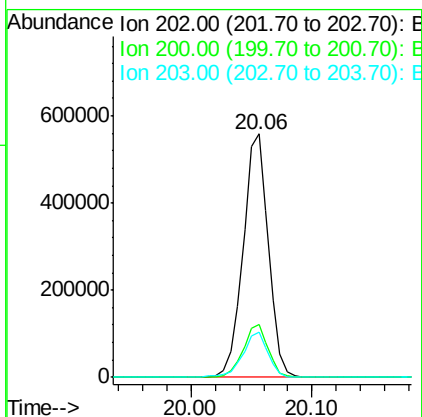
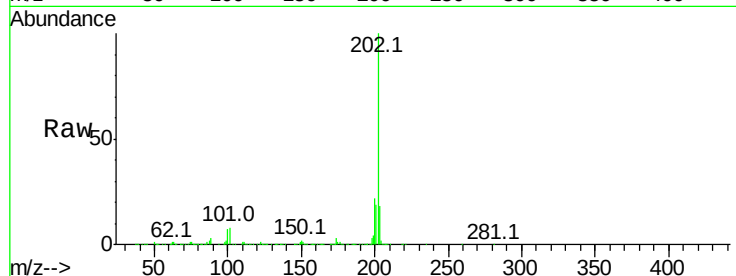
ClientSampleId :

SU-04-092217MS

Tot Ion:	202	Resp:	813841
Ion Ratio		Lower	Upper
202	100		
200	21.8	19.6	29.4
203	18.5	15.8	23.8

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#78

Terphenyl-d14

Concen: 98.955 ng

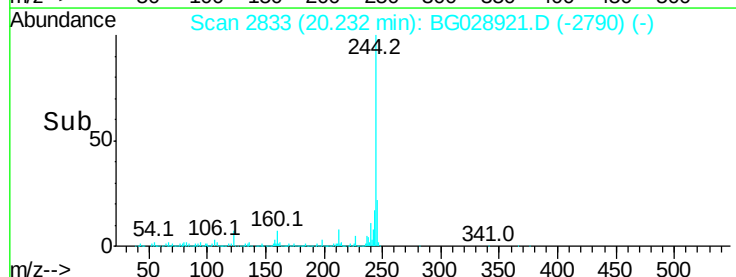
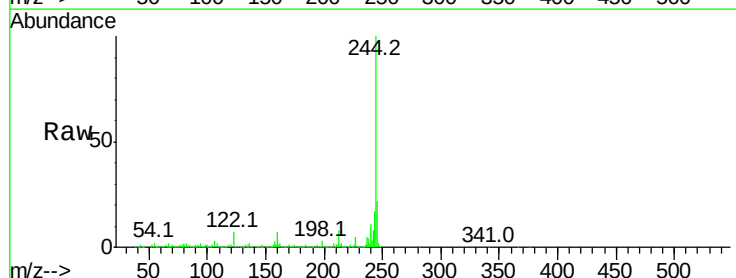
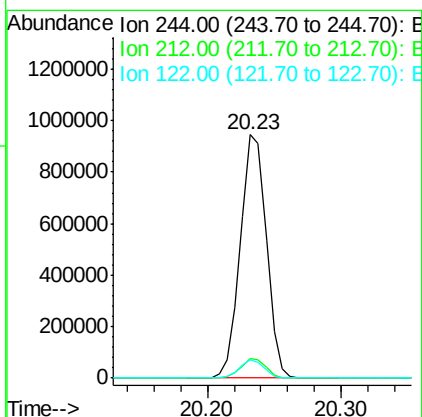
RT: 20.23 min Scan# 2833

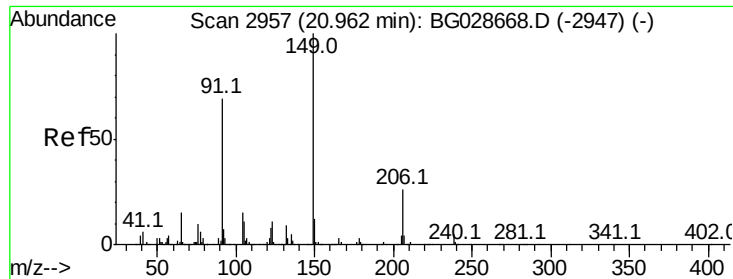
Delta R.T. -0.05 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:	244	Resp:	1275239
Ion Ratio		Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	7.5	8.6	12.8#





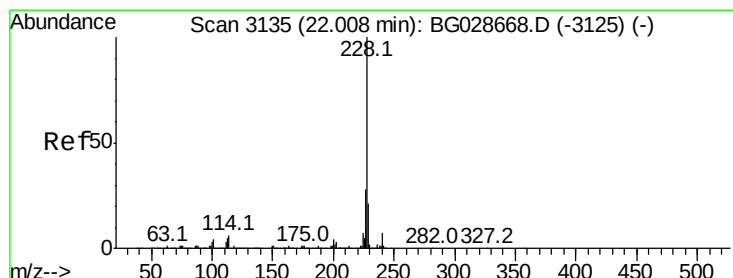
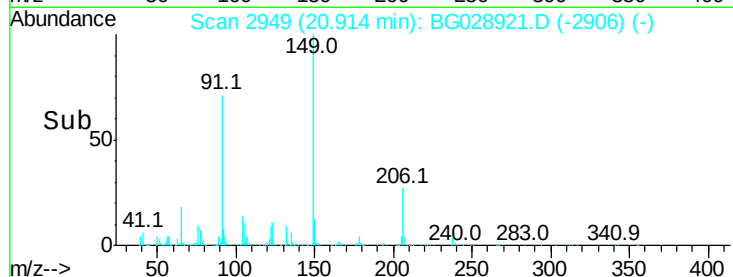
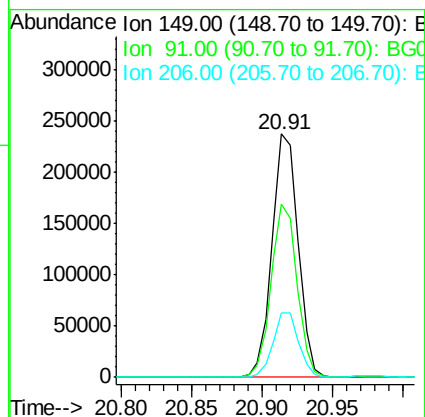
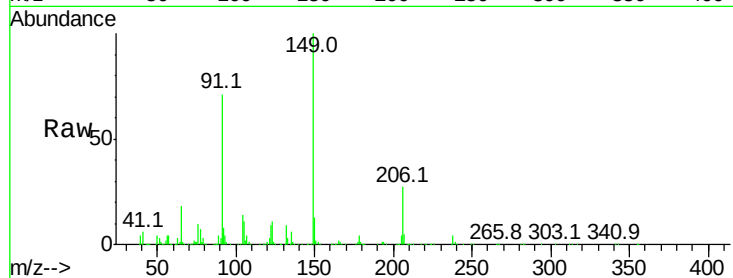
#79
Butylbenzylphthalate
Concen: 48.274 ng
RT: 20.91 min Scan# 2949
Delta R.T. -0.05 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion:	149	Resp:	309053
Ion Ratio	Lower	Upper	
149	100		
91	71.2	63.5	95.3
206	26.6	21.0	31.6

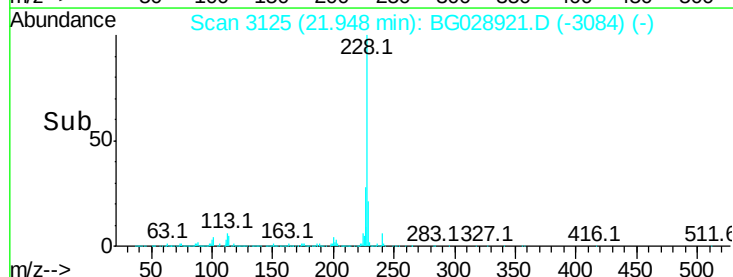
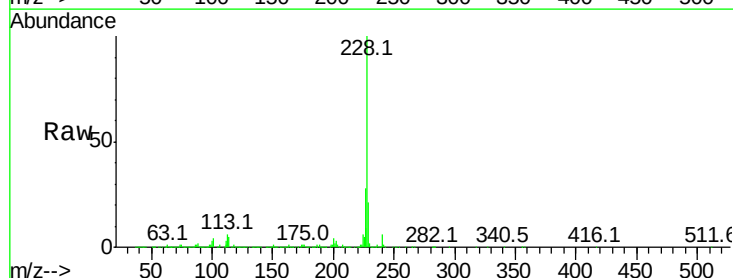
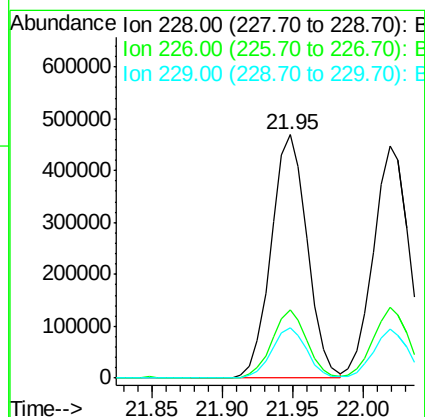
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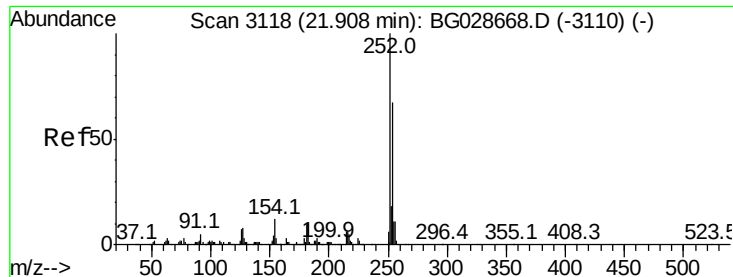
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#80
Benzo(a)anthracene
Concen: 50.473 ng
RT: 21.95 min Scan# 3125
Delta R.T. -0.06 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion:	228	Resp:	834962
Ion Ratio	Lower	Upper	
228	100		
226	27.9	24.9	37.3
229	20.6	18.2	27.2





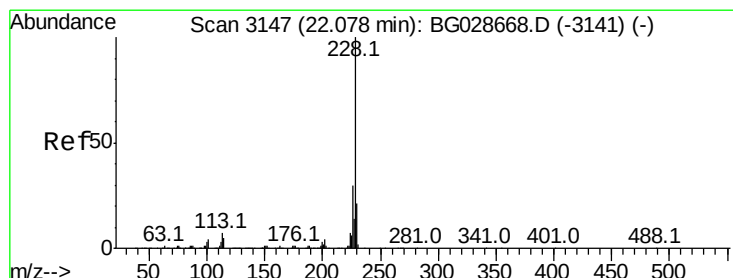
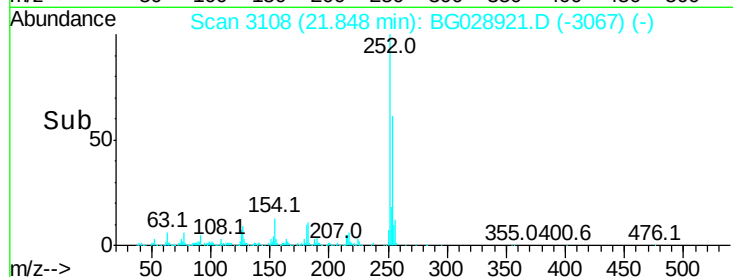
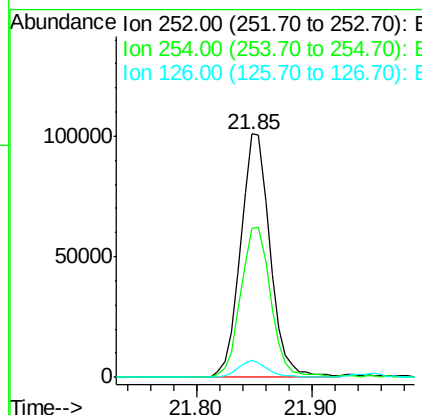
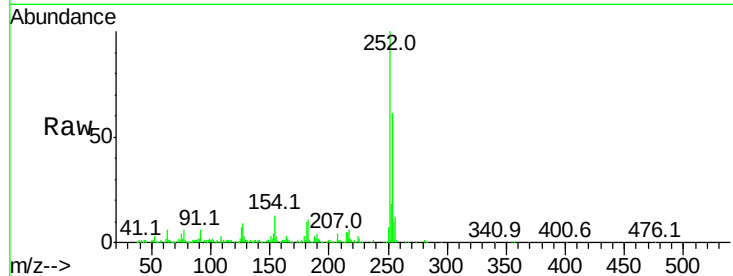
#81
 3,3'-Dichlorobenzidine
 Concen: 26.777 ng
 RT: 21.85 min Scan# 3108
 Delta R.T. -0.06 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Tot Ion:	252	Resp:	179593
Ion Ratio		Lower	Upper
252	100		
254	61.1	53.1	79.7
126	6.8	7.0	10.4

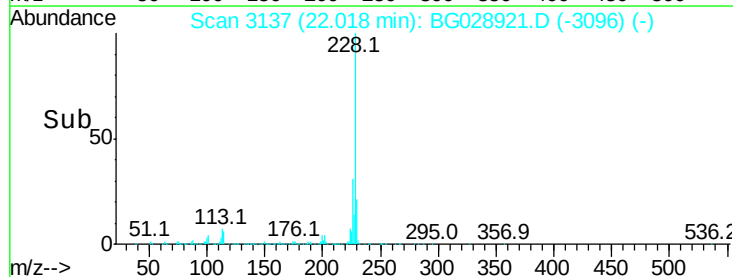
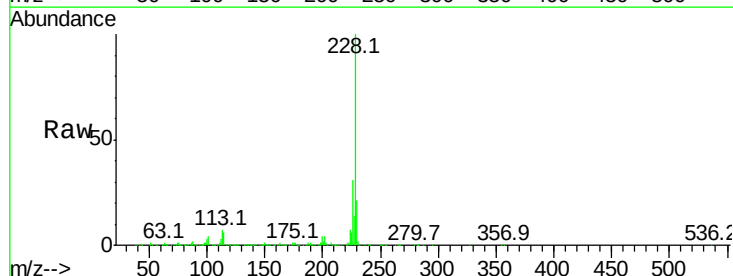
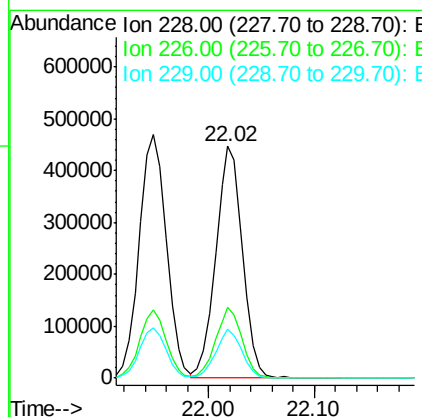
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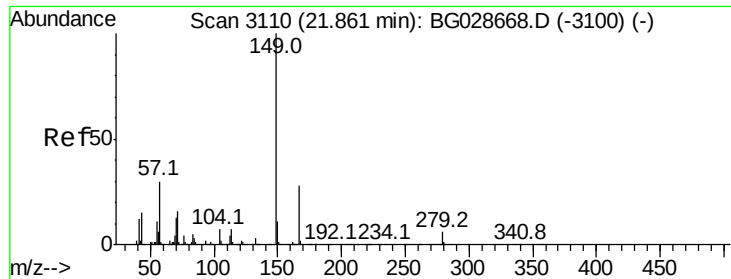
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#82
 Chrysene
 Concen: 49.828 ng
 RT: 22.02 min Scan# 3137
 Delta R.T. -0.06 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Tgt Ion:	228	Resp:	782106
Ion Ratio		Lower	Upper
228	100		
226	30.5	27.0	40.4
229	21.1	17.8	26.6





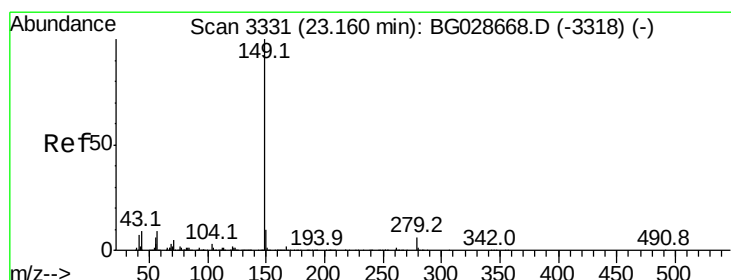
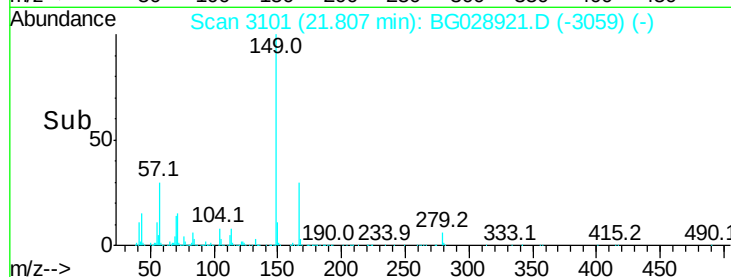
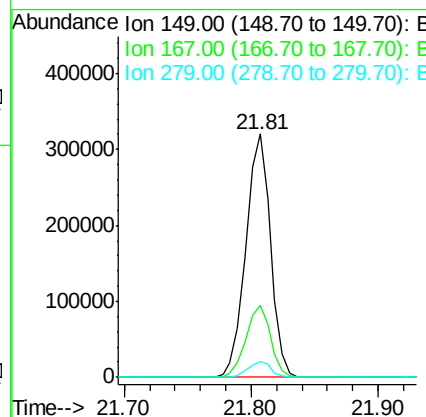
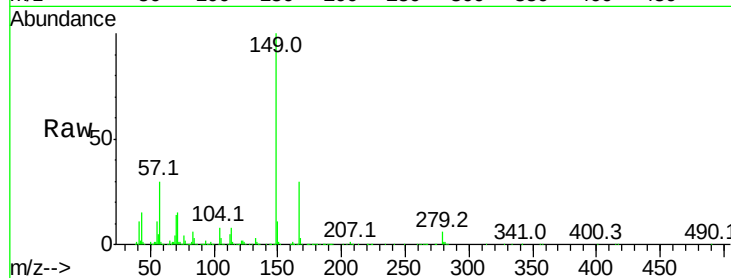
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.372 ng
 RT: 21.81 min Scan# 3101
 Delta R.T. -0.05 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.7	35.5
279	6.3	4.6	6.8

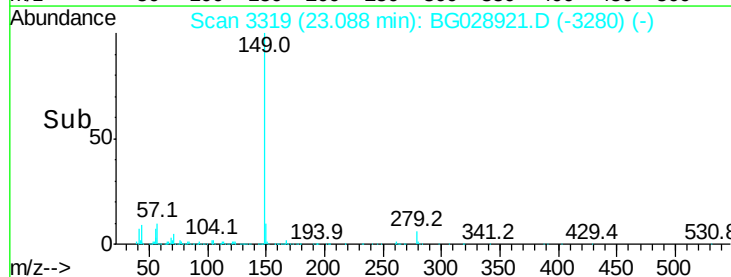
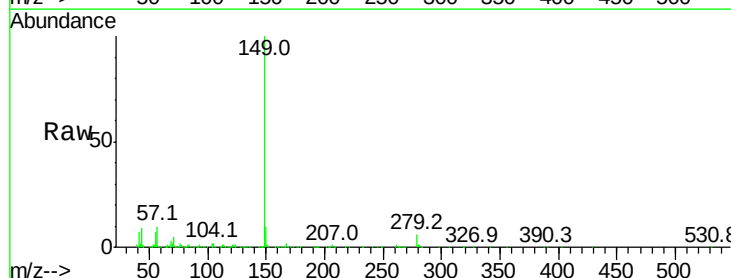
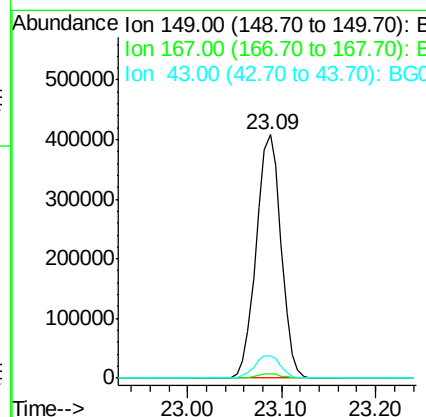
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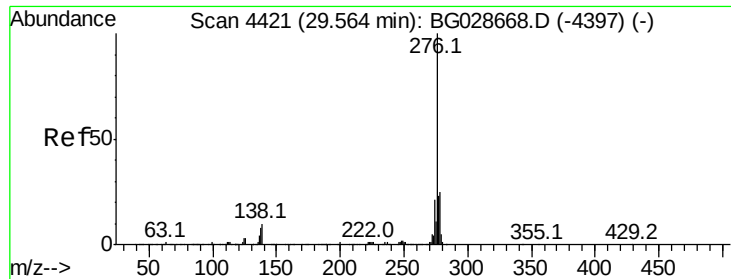
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#84
 Di-n-octyl phthalate
 Concen: 46.943 ng
 RT: 23.09 min Scan# 3319
 Delta R.T. -0.07 min
 Lab File: BG028921.D
 Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.7	11.8	17.6#





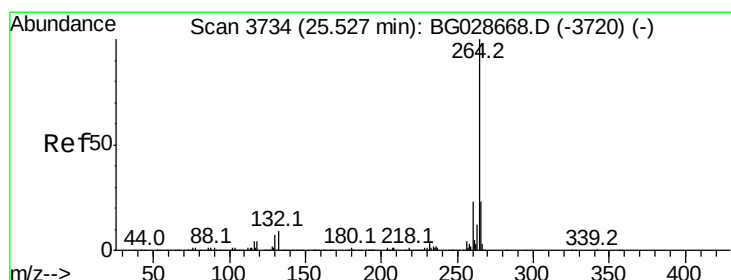
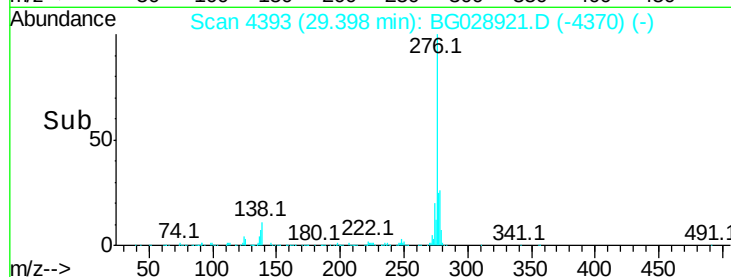
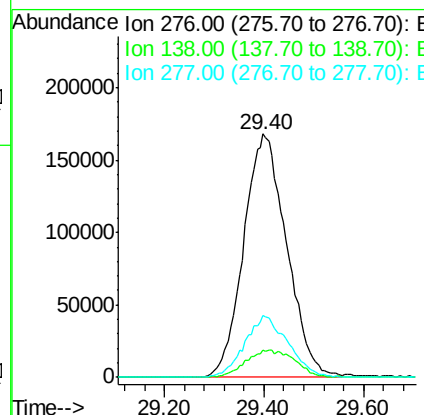
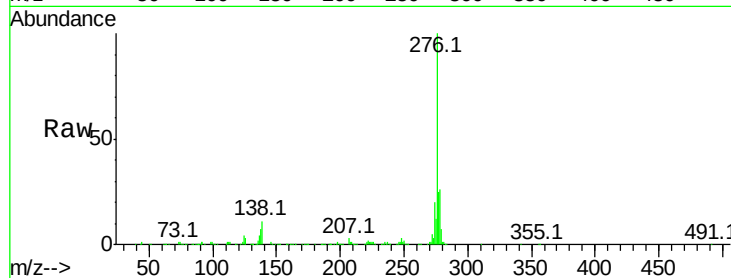
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.782 ng
RT: 29.40 min Scan# 4393
Delta R.T. -0.17 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion:276 Resp: 1003962
Ion Ratio Lower Upper
276 100
138 12.8 4.7 7.1#
277 25.5 20.6 31.0

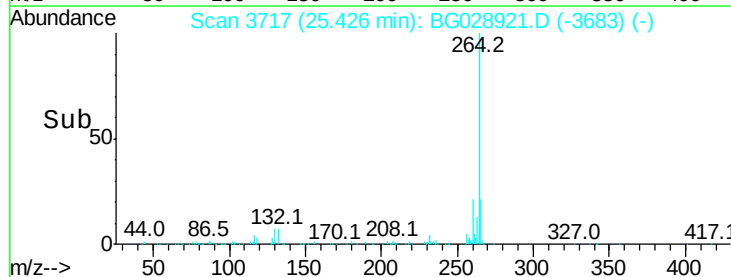
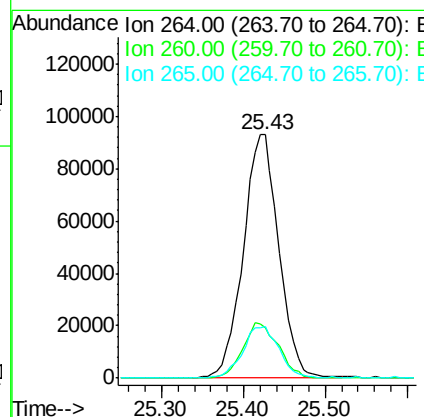
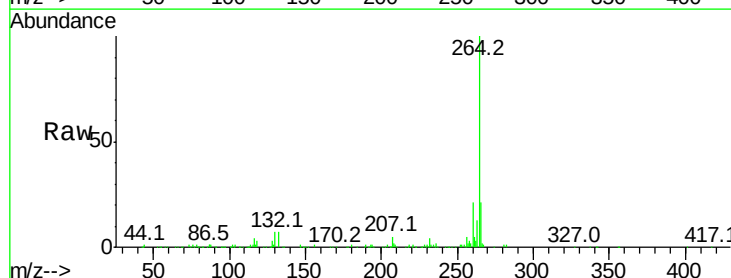
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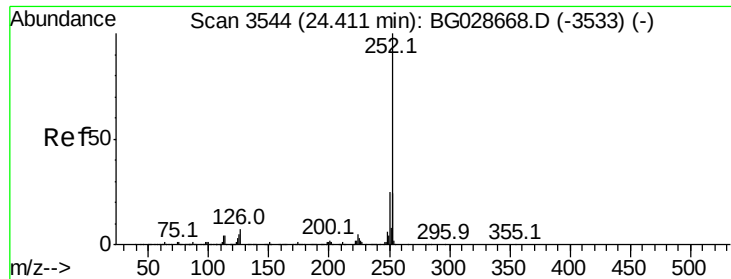
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.43 min Scan# 3717
Delta R.T. -0.10 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion:264 Resp: 280212
Ion Ratio Lower Upper
264 100
260 20.8 21.8 32.8#
265 21.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 51.217 ng

RT: 24.32 min Scan# 3529

Delta R.T. -0.09 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

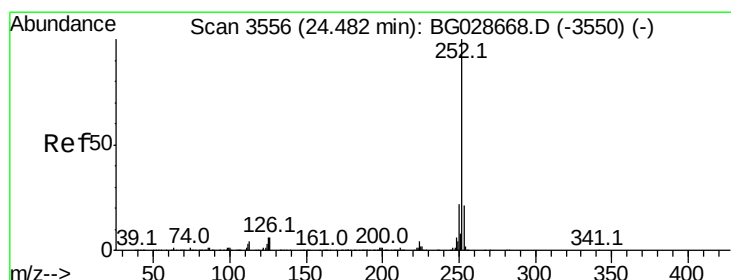
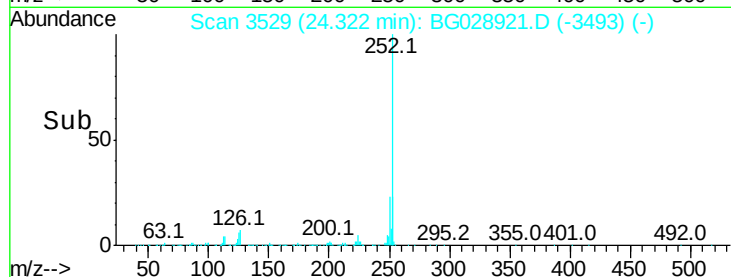
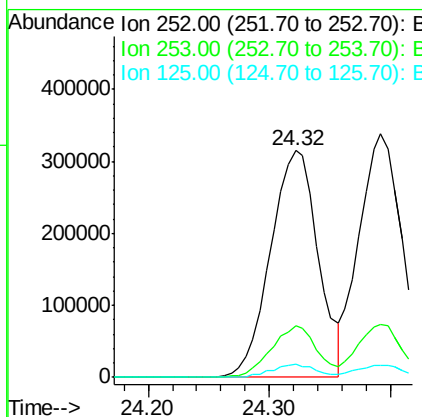
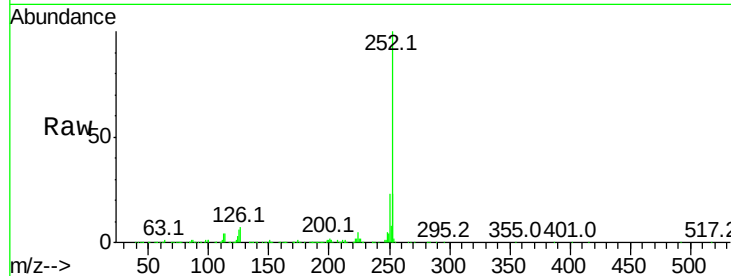
ClientSampleId :

SU-04-092217MS

Tot Ion:252	Resp:	859833
Ion Ratio	Lower	Upper
252	100	
253	22.6	18.7 28.1
125	5.8	5.3 7.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.744 ng

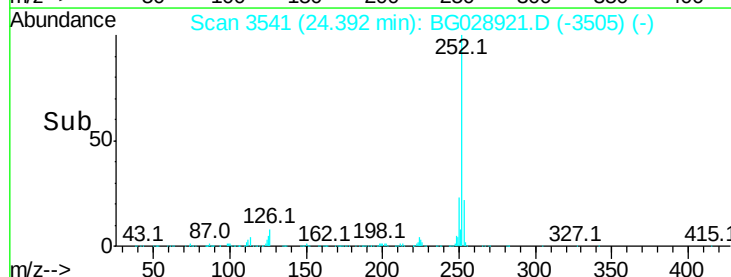
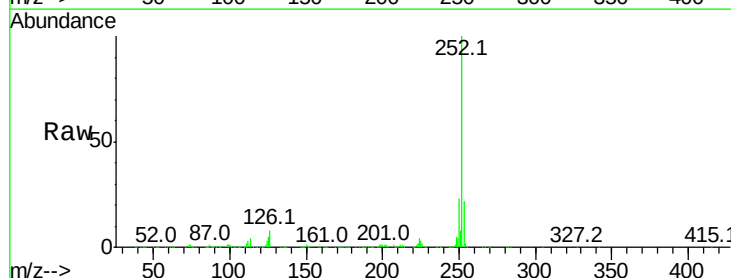
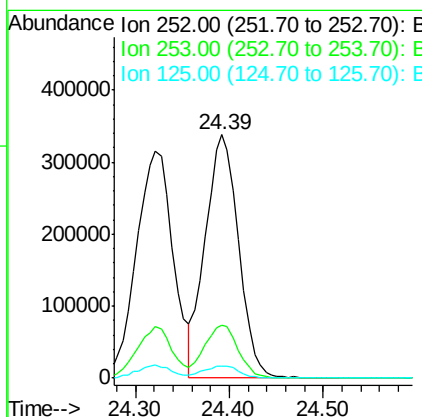
RT: 24.39 min Scan# 3541

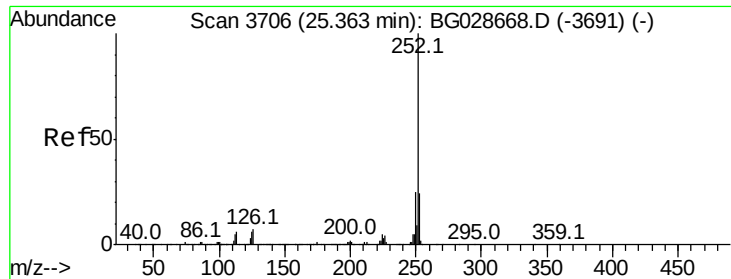
Delta R.T. -0.09 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Tgt Ion:252	Resp:	834175
Ion Ratio	Lower	Upper
252	100	
253	21.8	20.2 30.2
125	5.1	5.1 7.7





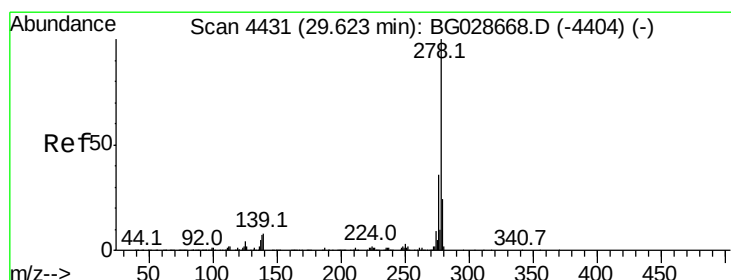
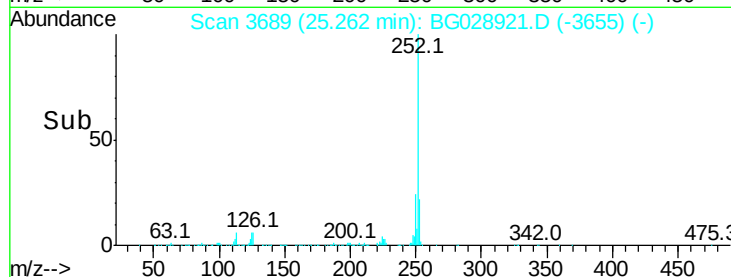
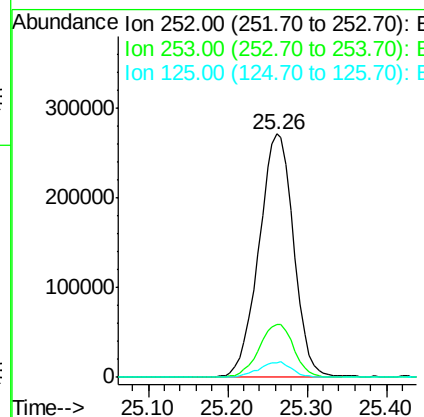
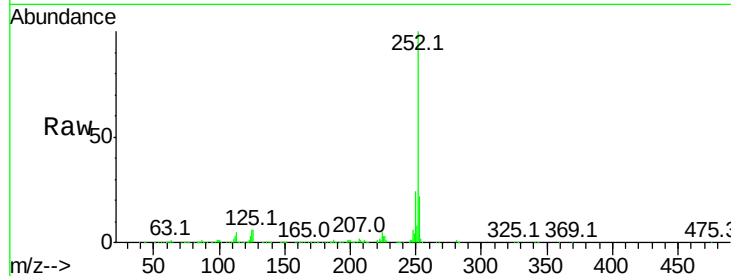
#89
Benzo(a)pyrene
Concen: 51.758 ng
RT: 25.26 min Scan# 3689
Delta R.T. -0.10 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.2	28.8
125	6.2	5.4	8.0

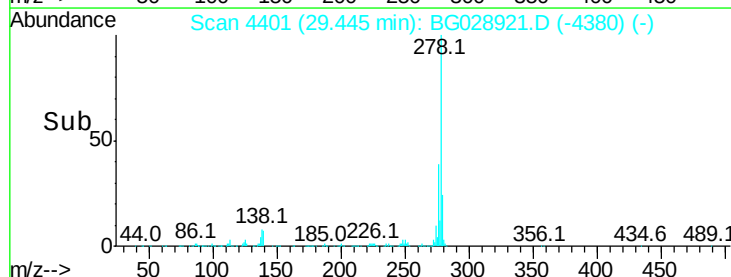
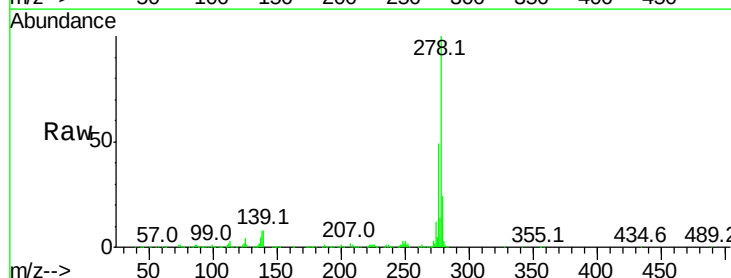
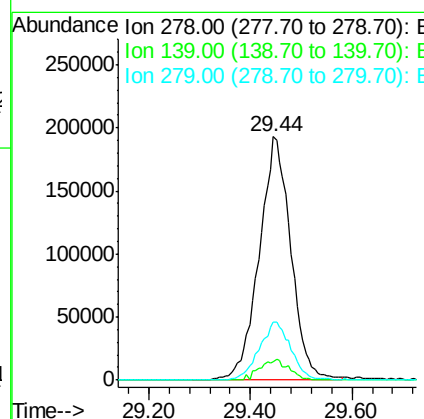
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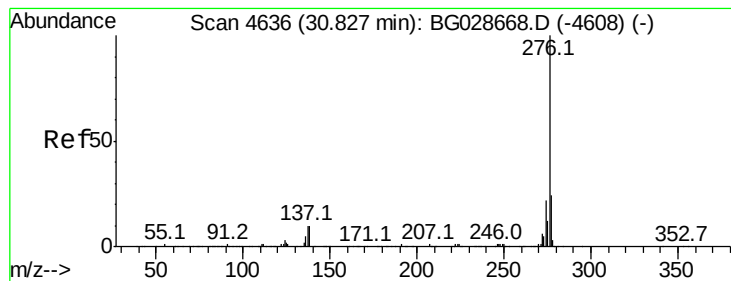
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#90
Dibenzo(a,h)anthracene
Concen: 50.327 ng
RT: 29.44 min Scan# 4401
Delta R.T. -0.18 min
Lab File: BG028921.D
Acq: 25 Sep 2017 23:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.6	7.7	11.5#
279	24.0	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 51.046 ng

RT: 30.64 min Scan# 4605

Delta R.T. -0.18 min

Lab File: BG028921.D

Acq: 25 Sep 2017 23:53

Instrument :

BNA_G

ClientSampleId :

SU-04-092217MS

Tot Ion:	276	Resp:	827464
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.6	27.8
138	12.1	8.1	12.1

Manual Integrations
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