

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028720.D
 Acq On : 14 Sep 2017 6:44
 Operator : SJ/JU
 Sample : I5172-03MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Manual Integrations
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Sohil
 9/14/2017 5:54:38 PM

Quant Time: Sep 14 09:12:37 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	8.33	152	21837	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	93339	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	81231	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	245379	20.00	ng	0.00
75) Chrysene-d12	22.02	240	278780	20.00	ng	0.00
86) Perylene-d12	25.52	264	281239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	231488	174.92	ng	0.00
7) Phenol-d6	7.49	99	316150	158.67	ng	0.00
23) Nitrobenzene-d5	9.50	82	219516	112.50	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	276868	206.08	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	629210	103.29	ng	0.00
78) Terphenyl-d14	20.28	244	1354252	103.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.85	88	23639	44.109	ng	# 93
3) Pyridine	4.24	79	61338	40.122	ng	# 92
4) n-Nitrosodimethylamine	4.15	42	36604	52.635	ng	# 78
6) Aniline	7.66	93	57322	24.719	ng	94
8) 2-Chlorophenol	7.90	128	80809	54.774	ng	86
9) Benzaldehyde	7.47	77	35726	28.900	ng	87
10) Phenol	7.51	94	109698	52.166	ng	87
11) bis(2-Chloroethyl)ether	7.74	93	76581	50.724	ng	93
12) 1,3-Dichlorobenzene	8.22	146	78837	49.626	ng	92
13) 1,4-Dichlorobenzene	8.36	146	80585	49.332	ng	93
14) 1,2-Dichlorobenzene	8.69	146	79505	49.264	ng	94
15) Benzyl Alcohol	8.57	79	90889	58.432	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.84	45	134377	48.973	ng	98
17) 2-Methylphenol	8.77	107	76952	56.000	ng	94
18) Hexachloroethane	9.42	117	30434	50.832	ng	# 84
19) n-Nitroso-di-n-propylamine	9.13	70	72336	51.211	ng	# 90
20) 3+4-Methylphenols	9.09	107	107989	56.185	ng	90
22) Acetophenone	9.15	105	136565	50.039	ng	# 92
24) Nitrobenzene	9.55	77	107588	49.796	ng	# 90
25) Isophorone	10.06	82	210276	53.261	ng	98
26) 2-Nitrophenol	10.26	139	45740	49.742	ng	95
27) 2,4-Dimethylphenol	10.30	122	95023	56.533	ng	97
28) bis(2-Chloroethoxy)methane	10.53	93	114125	53.231	ng	99
29) 2,4-Dichlorophenol	10.80	162	95554	57.136	ng	94
30) 1,2,4-Trichlorobenzene	11.01	180	97646	51.181	ng	97
31) Naphthalene	11.20	128	262617	53.871	ng	99
32) Benzoic acid	10.45	122	52275	44.326	ng	95
33) 4-Chloroaniline	11.32	127	12651	6.195	ng	# 84
34) Hexachlorobutadiene	11.47	225	66366	47.228	ng	97
35) Caprolactam	12.09	113	36490m	60.845	ng	
36) 4-Chloro-3-methylphenol	12.41	107	132754	60.995	ng	99
37) 2-Methylnaphthalene	12.78	142	214735	58.999	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	137018	41.024	ng	# 97
40) Hexachlorocyclopentadiene	13.12	237	107076	82.285	ng	98

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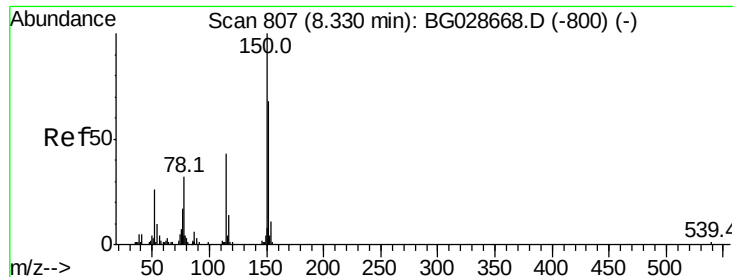
Manual Integrations
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 9/14/2017 5:54:38 PM

Quant Time: Sep 14 09:12:37 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	13.38	196	104970	49.518	nq	96
43) 2,4,5-Trichlorophenol	13.46	196	120952	56.783	nq	# 92
45) 1,1'-Biphenyl	13.78	154	304957	45.343	nq	95
46) 2-Chloronaphthalene	13.82	162	244322	49.805	nq	98
47) 2-Nitroaniline	14.03	65	107166	58.781	nq	91
48) Acenaphthylene	14.67	152	409607	52.264	nq	98
49) Dimethylphthalate	14.39	163	386983	56.812	nq	98
50) 2,6-Dinitrotoluene	14.52	165	90792	59.902	nq	# 78
51) Acenaphthene	15.00	154	246908	51.862	nq	95
52) 3-Nitroaniline	14.85	138	36881	27.516	nq	97
53) 2,4-Dinitrophenol	15.06	184	104965	126.285	nq	96
54) Dibenzofuran	15.34	168	449442	59.198	nq	94
55) 4-Nitrophenol	15.16	139	118191	120.357	nq	# 78
56) 2,4-Dinitrotoluene	15.31	165	134780	63.242	nq	# 85
57) Fluorene	15.98	166	394878	58.258	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	125905	67.066	nq	# 93
59) Diethylphthalate	15.74	149	421942	60.277	nq	98
60) 4-Chlorophenyl-phenylether	15.97	204	224697	58.218	nq	90
61) 4-Nitroaniline	16.01	138	87720	61.776	nq	88
62) Azobenzene	16.26	77	370197	62.881	nq	91
64) 4,6-Dinitro-2-methylphenol	16.07	198	83406	52.677	nq	100
65) n-Nitrosodiphenylamine	16.18	169	357087	50.765	nq	97
66) 4-Bromophenyl-phenylether	16.87	248	165695	52.479	nq	96
67) Hexachlorobenzene	17.00	284	173115	48.174	nq	# 86
68) Atrazine	17.13	200	159148	52.693	nq	98
69) Pentachlorophenol	17.35	266	185551	114.281	nq	97
70) Phenanthrene	17.74	178	695195	55.402	nq	96
71) Anthracene	17.83	178	699366	55.173	nq	98
72) Carbazole	18.10	167	603733	52.884	nq	94
73) Di-n-butylphthalate	18.62	149	749254	53.525	nq	# 94
74) Fluoranthene	19.73	202	856293	55.888	nq	94
76) Benzidine	19.91	184	39505	5.464	nq	# 95
77) Pyrene	20.10	202	883993	54.974	nq	96
79) Butylbenzylphthalate	20.96	149	346052	53.286	nq	92
80) Benzo(a)anthracene	22.01	228	917737	54.690	nq	93
81) 3,3'-Dichlorobenzidine	21.91	252	211134	31.033	nq	# 90
82) Chrysene	22.08	228	855199	53.712	nq	97
83) Bis(2-ethylhexyl)phthalate	21.85	149	477682	51.738	nq	100
84) Di-n-octyl phthalate	23.15	149	829742	51.438	nq	# 87
85) Indeno(1,2,3-cd)pyrene	29.56	276	1094076	53.480	nq	99
87) Benzo(b)fluoranthene	24.41	252	930556	55.227	nq	96
88) Benzo(k)fluoranthene	24.48	252	937471	55.700	nq	97
89) Benzo(a)pyrene	25.36	252	896452	56.051	nq	96
90) Dibenzo(a,h)anthracene	29.62	278	916626	54.972	nq	96
91) Benzo(g,h,i)perylene	30.82	276	905869	55.679	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

ClientSampleId :

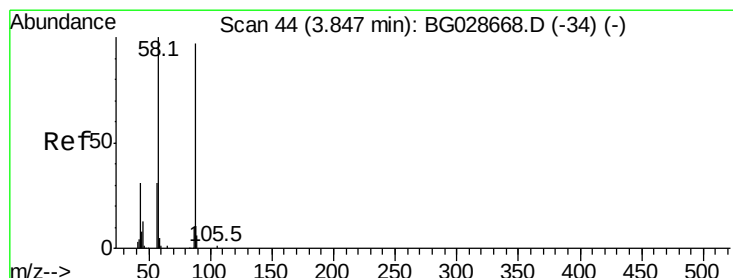
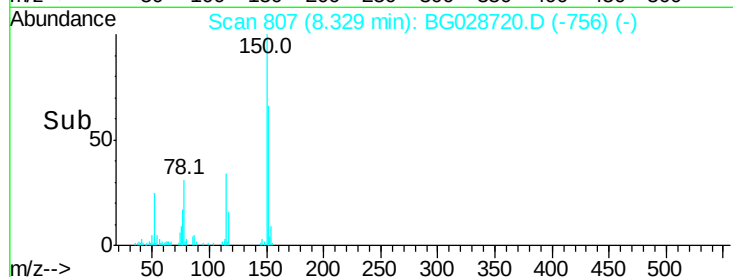
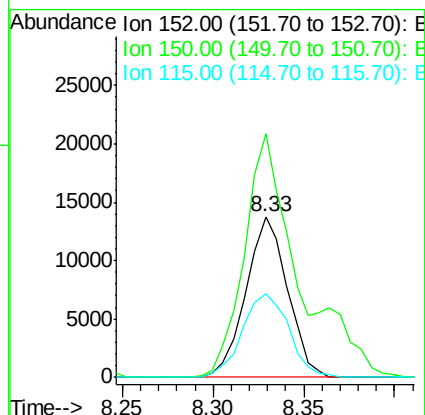
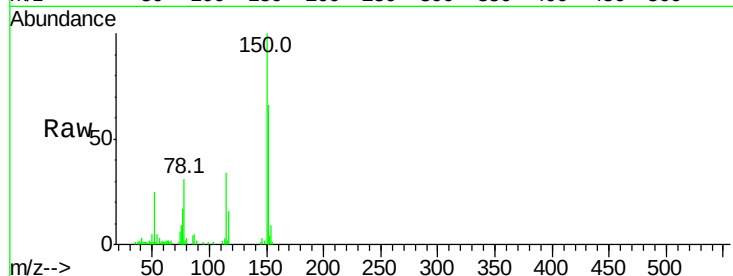
S32-9020MS

Tot Ion:	152	Resp:	21837
Ion Ratio	Lower	Upper	
152	100		
150	151.3	114.0	171.0
115	51.6	48.1	72.1

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#2

1,4-Dioxane

Concen: 44.109 ng

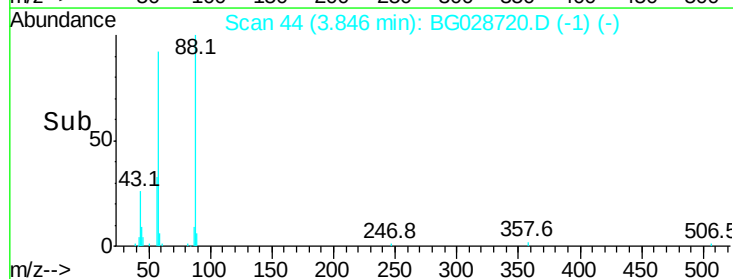
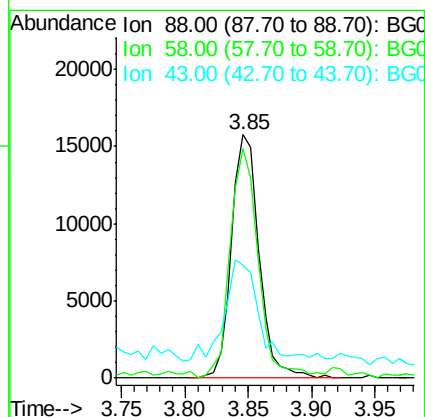
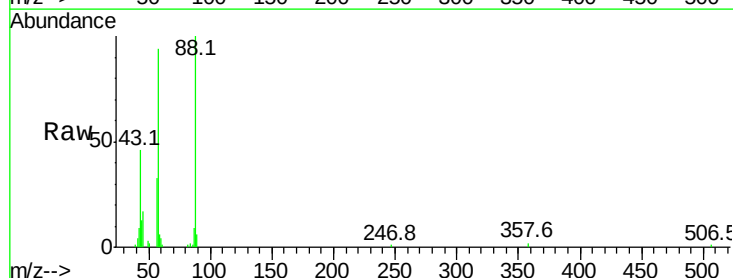
RT: 3.85 min Scan# 44

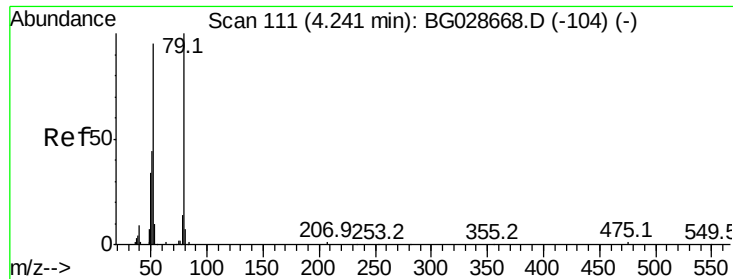
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	88	Resp:	23639
Ion Ratio	Lower	Upper	
88	100		
58	96.1	79.4	119.2
43	52.6	33.8	50.6#





#3

Pvridine

Concen: 40.122 ng

RT: 4.24 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

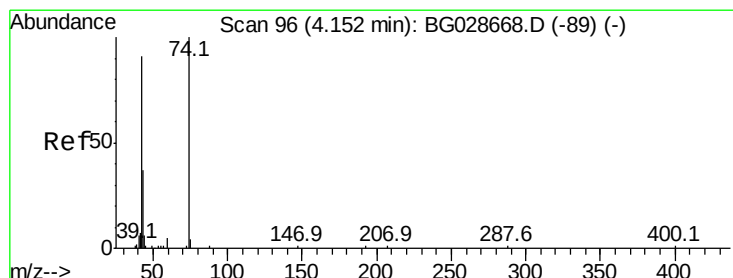
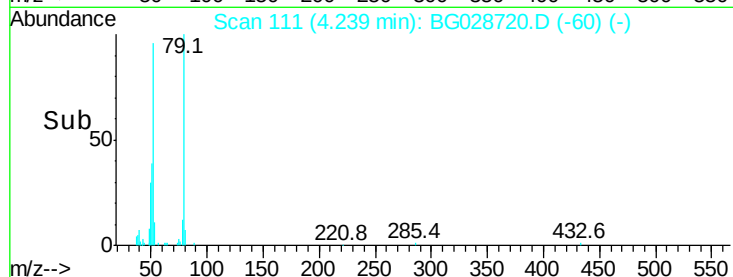
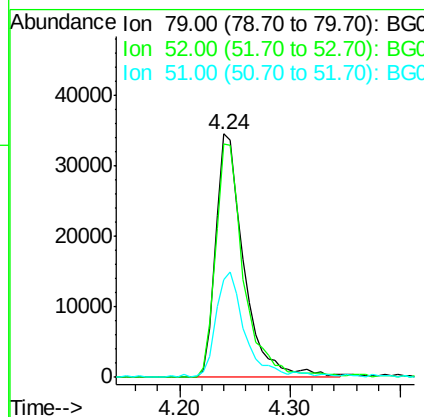
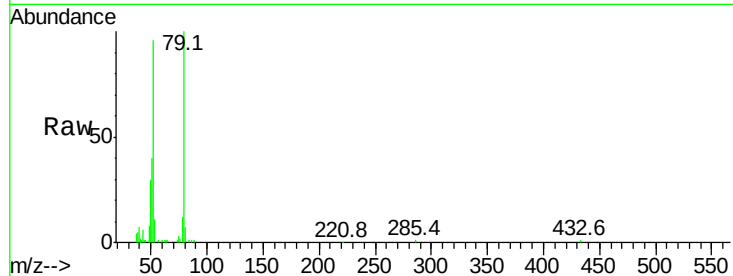
ClientSampleId :

S32-9020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	96.0	77.8	116.6		
51	40.0	43.2	64.8		

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#4

n-Nitrosodimethylamine

Concen: 52.635 ng

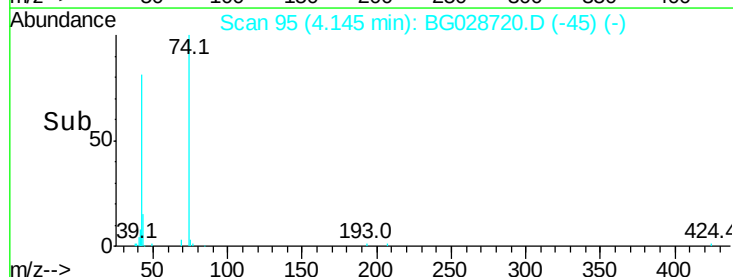
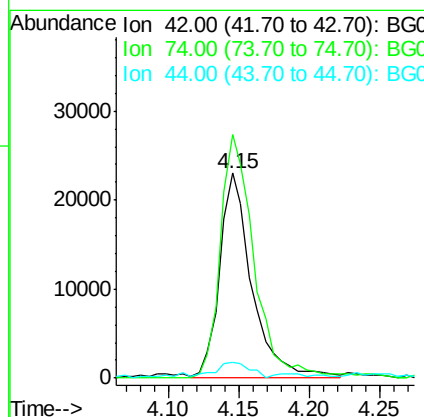
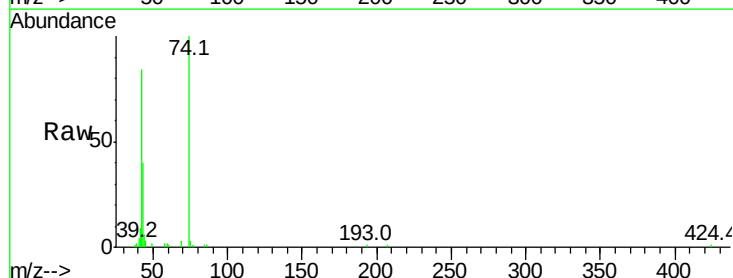
RT: 4.15 min Scan# 95

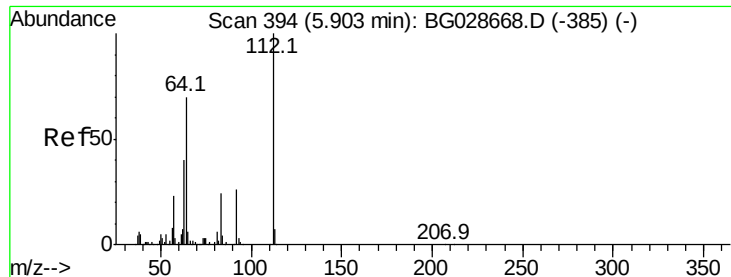
Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	118.8	76.7	115.1		
44	7.5	6.1	9.1		





#5

2-Fluorophenol

Concen: 174.917 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

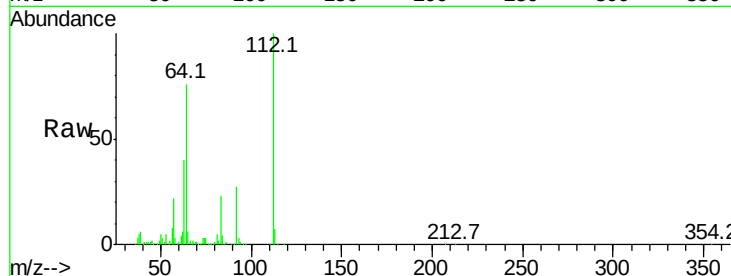
ClientSampleId :

S32-9020MS

Tot Ion:	112	Resp:	231488
Ion Ratio	Lower	Upper	
112	100		
64	75.6	61.8	92.6
63	40.2	37.2	55.8

Manual Integrations
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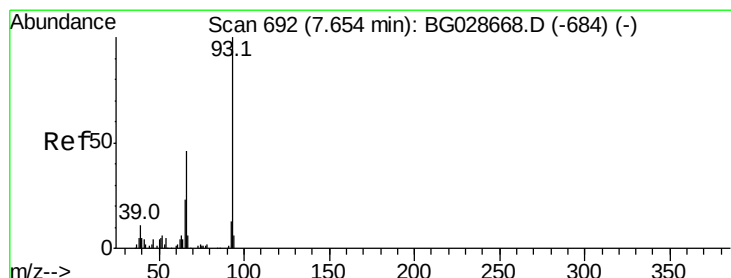
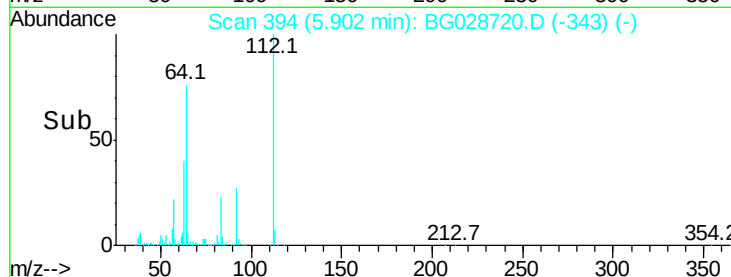
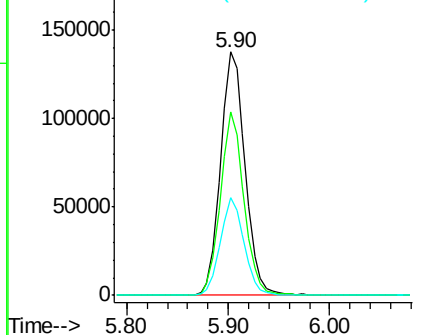
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.719 ng

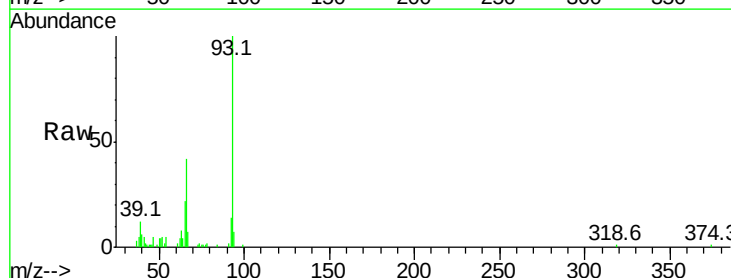
RT: 7.66 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

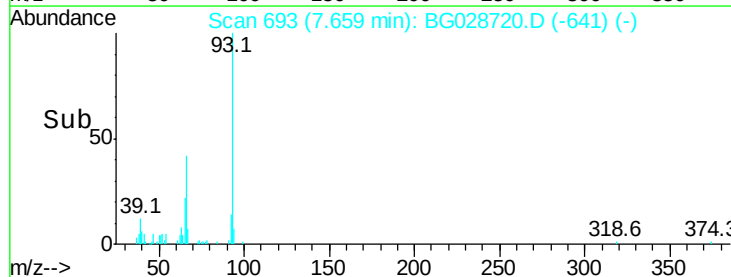
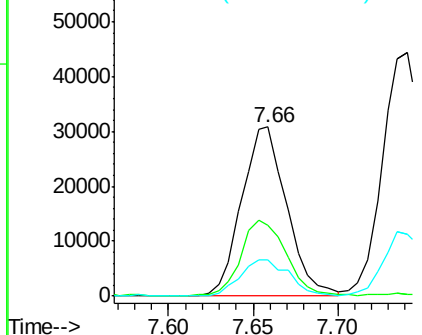
Tgt Ion:	93	Resp:	57322
Ion Ratio	Lower	Upper	
93	100		
66	41.9	35.4	53.2
65	21.6	21.2	31.8

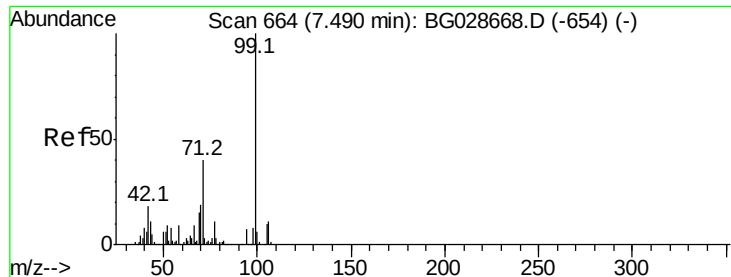


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.665 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

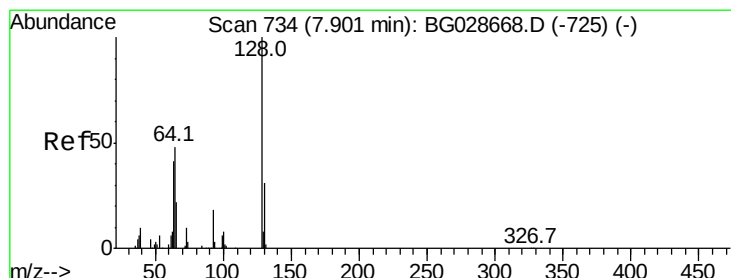
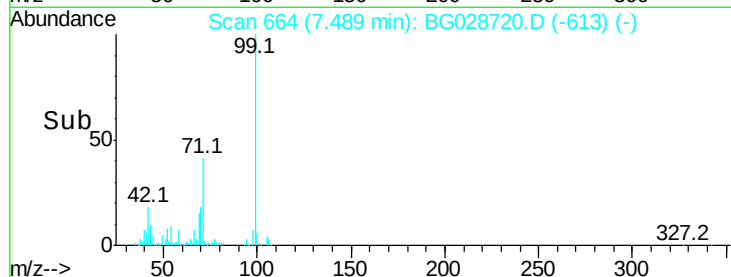
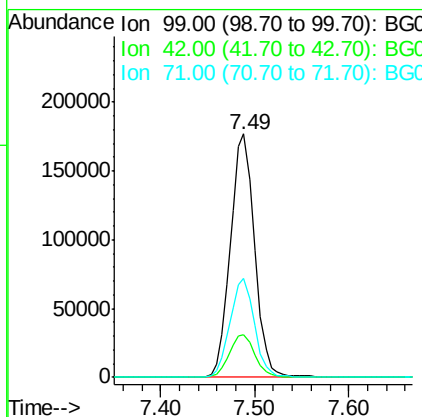
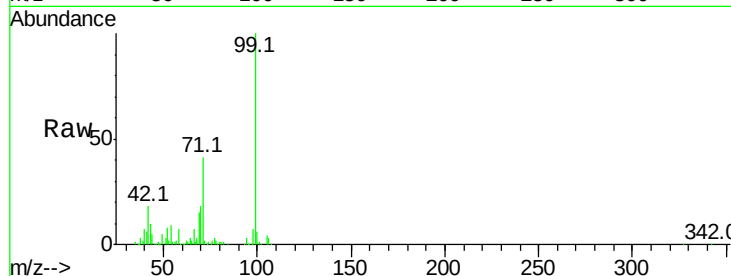
ClientSampleId :

S32-9020MS

Tot Ion:	99	Resp:	316150
Ion Ratio	Lower	Upper	
99	100		
42	17.6	20.5	30.7#
71	40.7	37.6	56.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 54.774 ng

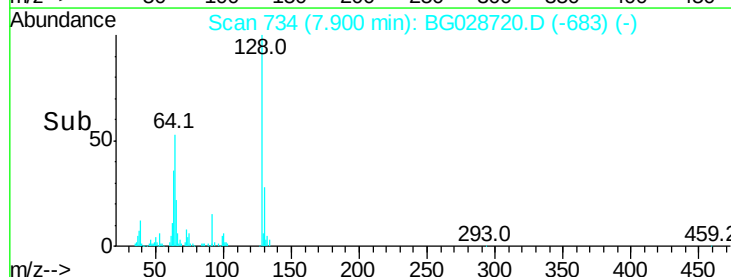
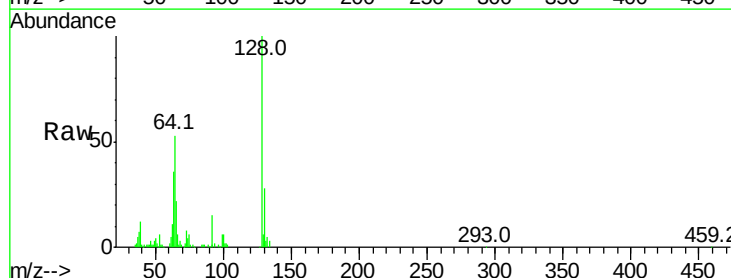
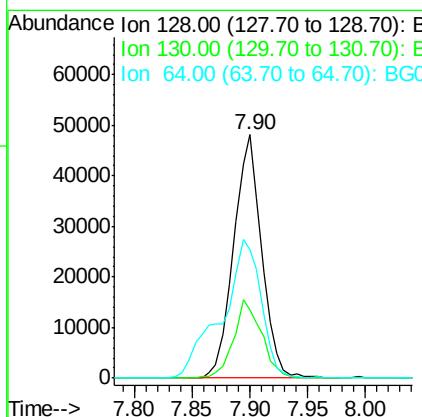
RT: 7.90 min Scan# 734

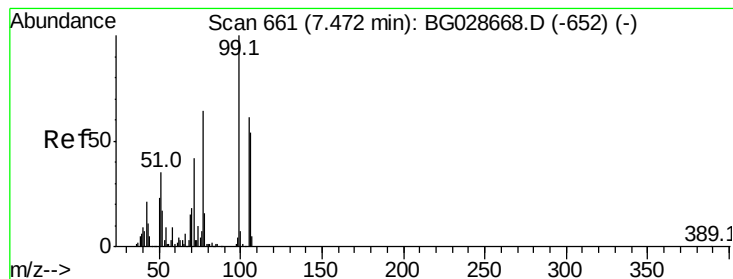
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	128	Resp:	80809
Ion Ratio	Lower	Upper	
128	100		
130	28.3	11.4	51.4
64	52.8	46.6	86.6





#9

Benzaldehyde

Concen: 28.900 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

ClientSampled :

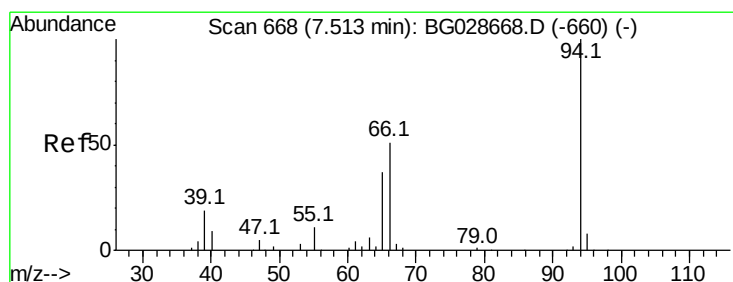
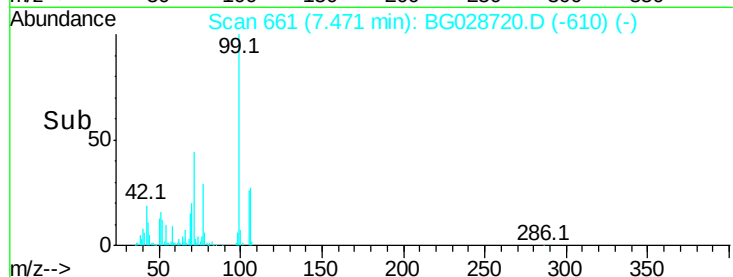
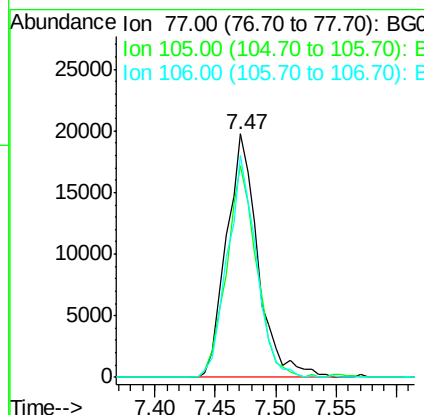
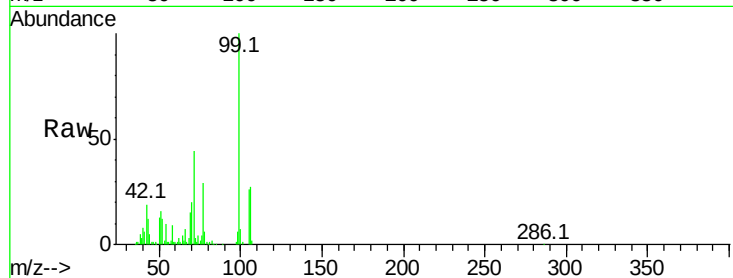
S32-9020MS

Tot Ion:	77	Resp:	35726
Ion	Ratio	Lower	Upper
77	100		
105	87.1	60.9	100.9
106	91.3	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 52.166 ng

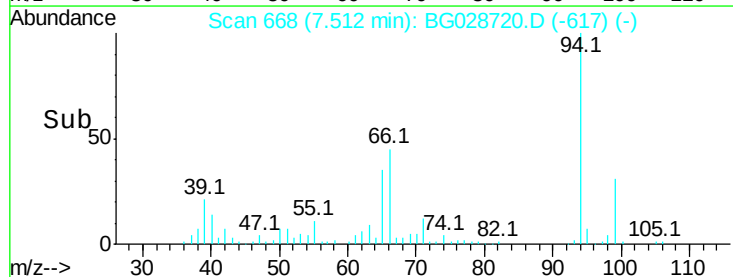
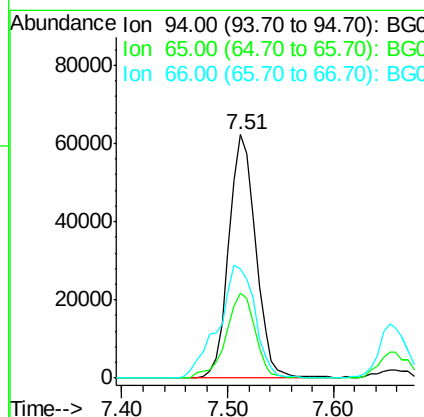
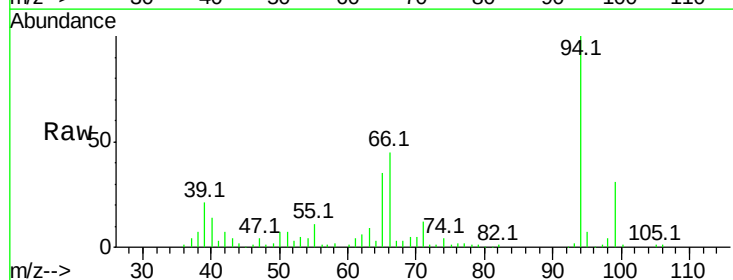
RT: 7.51 min Scan# 668

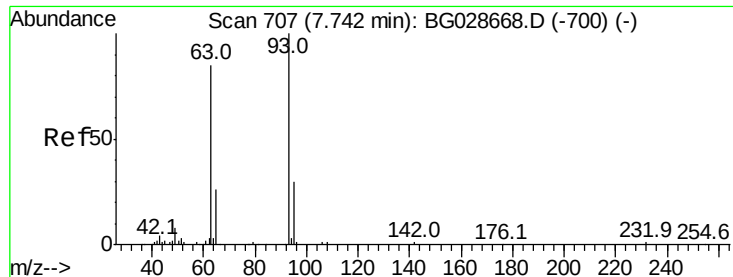
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	94	Resp:	109698
Ion	Ratio	Lower	Upper
94	100		
65	34.7	20.6	60.6
66	44.7	35.5	75.5





#11

bis(2-Chloroethyl)ether

Concen: 50.724 ng

RT: 7.74 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

ClientSampleId :

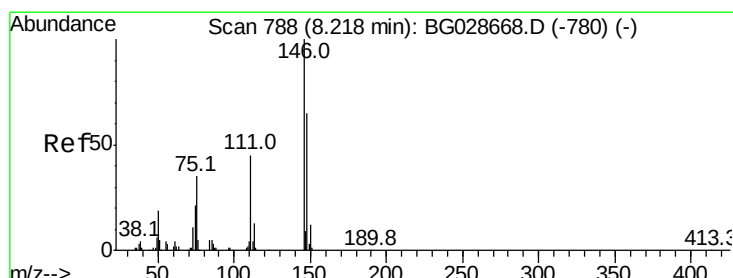
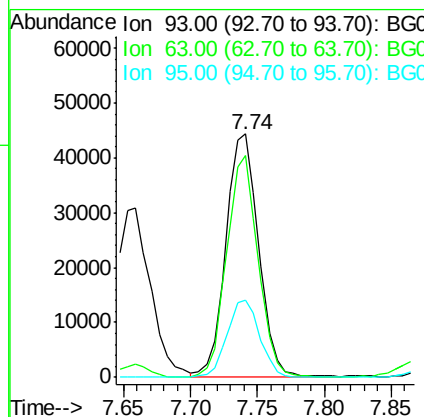
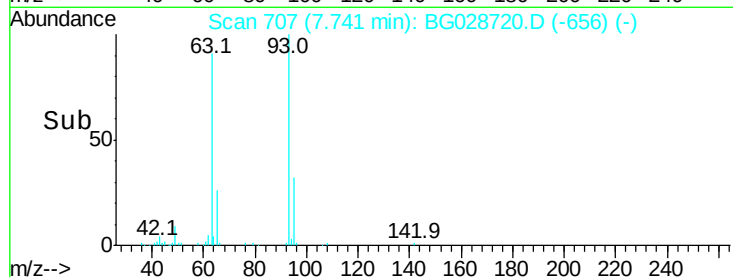
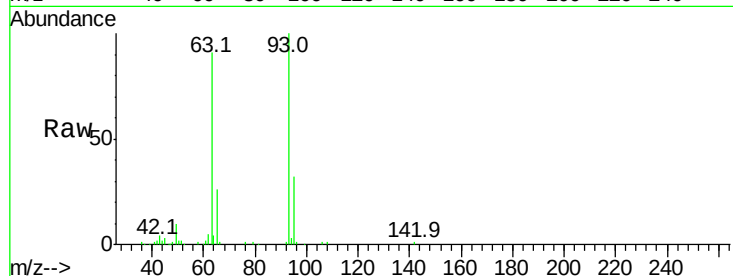
S32-9020MS

Tot Ion:	93	Resp:	76581
Ion	Ratio	Lower	Upper
93	100		
63	90.9	78.5	118.5
95	31.5	9.8	49.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 49.626 ng

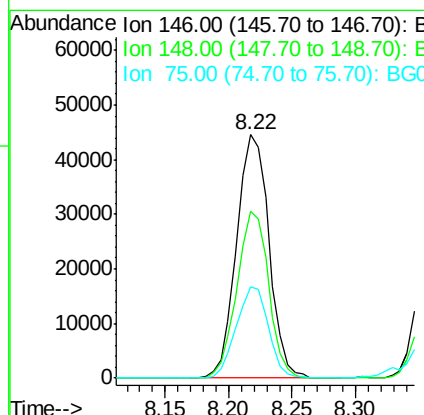
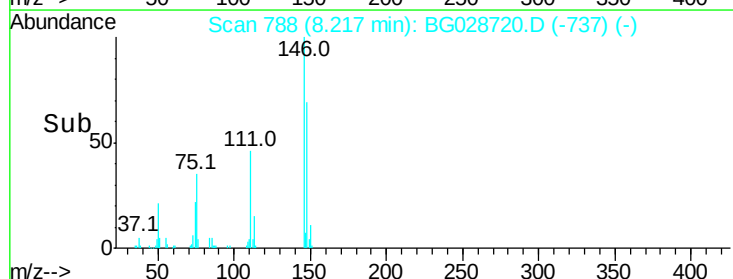
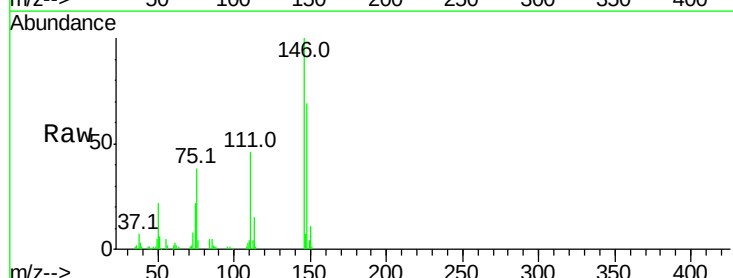
RT: 8.22 min Scan# 788

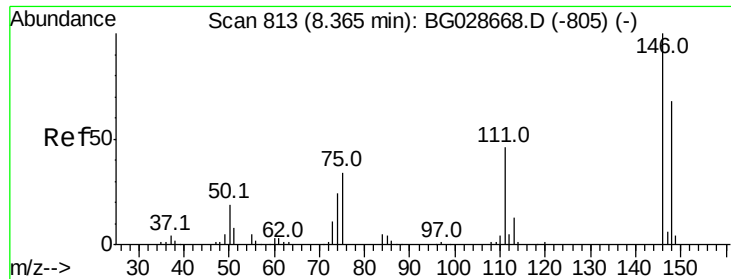
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	146	Resp:	78837
Ion	Ratio	Lower	Upper
146	100		
148	68.7	49.2	73.8
75	37.6	33.4	50.2





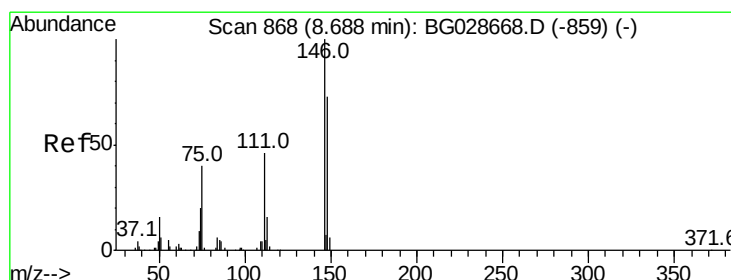
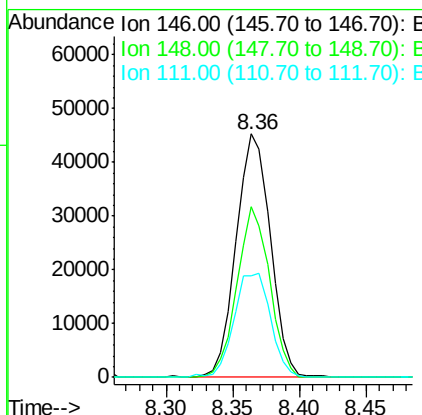
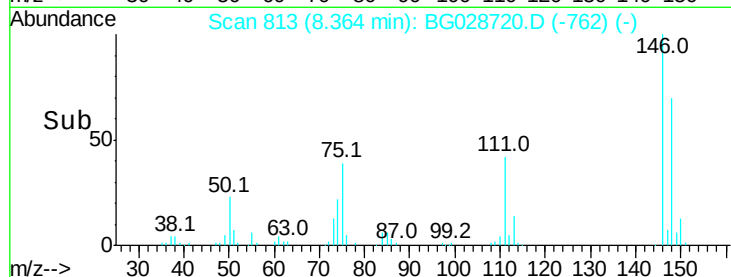
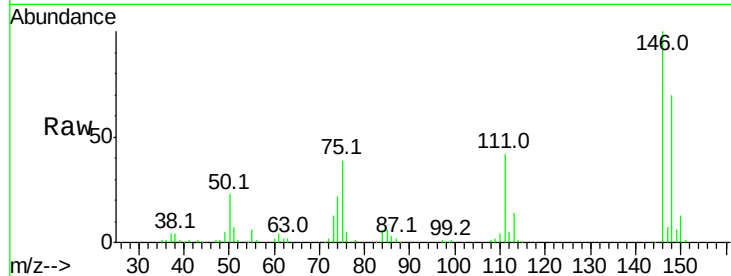
#13
 1,4-Dichlorobenzene
 Concen: 49.332 ng
 RT: 8.36 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.3	52.2	78.2
111	42.0	37.0	55.6

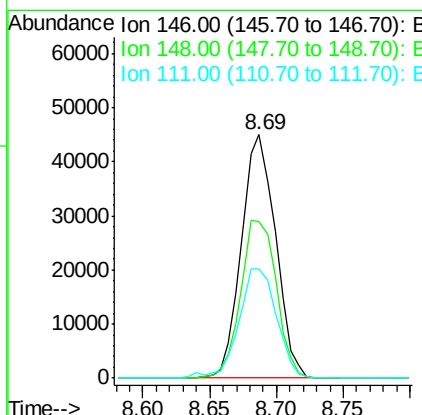
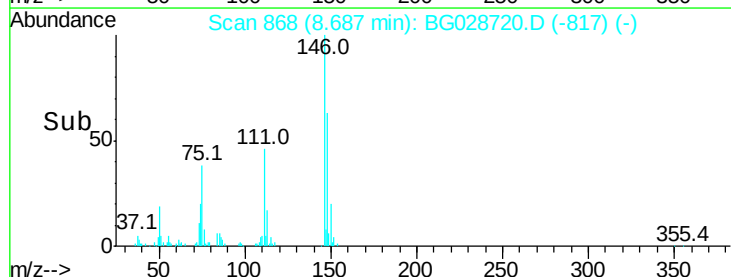
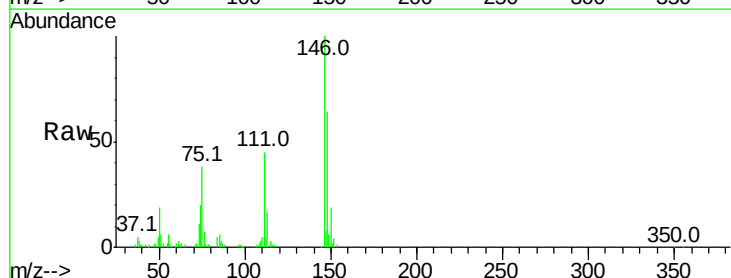
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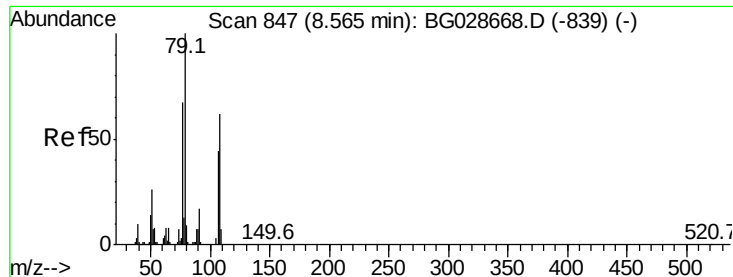
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 49.264 ng
 RT: 8.69 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	54.6	81.8
111	45.1	39.7	59.5





#15

Benzyl Alcohol

Concen: 58.432 ng

RT: 8.57 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

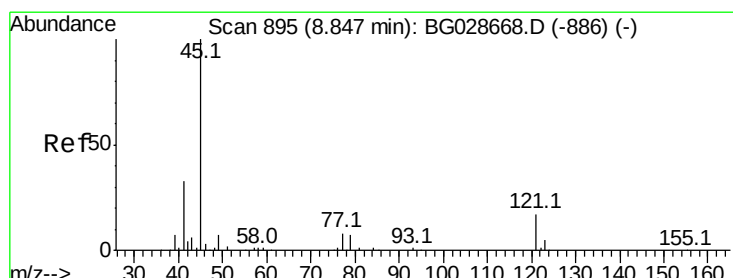
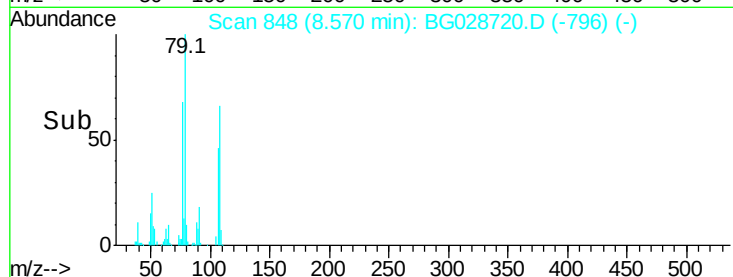
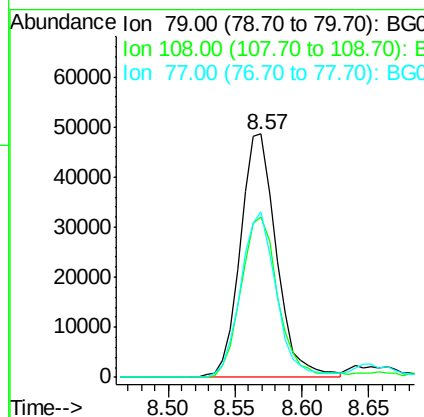
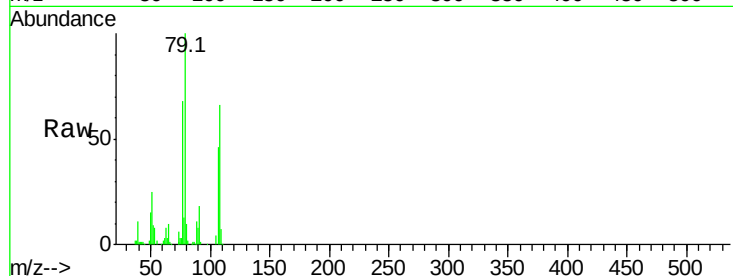
ClientSampleId :

S32-9020MS

Tot Ion:	79	Resp:	90889
Ion Ratio	Lower	Upper	
79	100		
108	65.8	45.5	68.3
77	68.2	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.973 ng

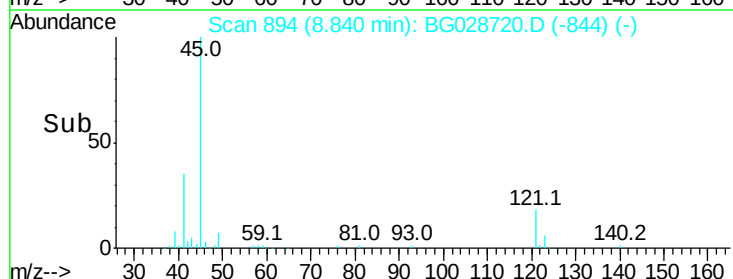
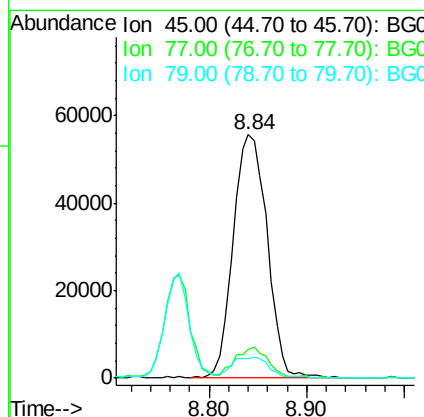
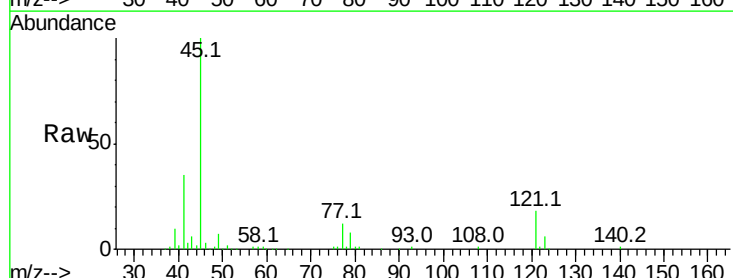
RT: 8.84 min Scan# 894

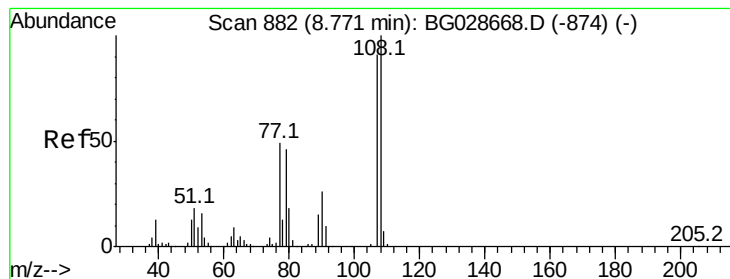
Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	45	Resp:	134377
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	30.6
79	8.3	0.0	28.5





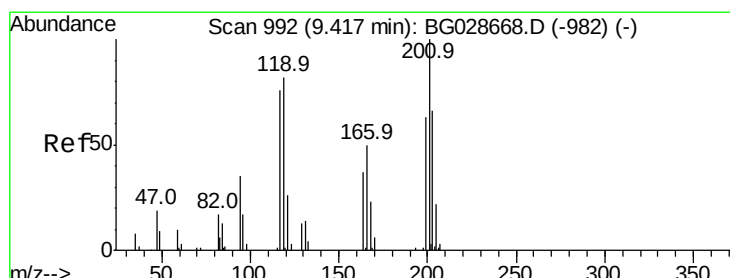
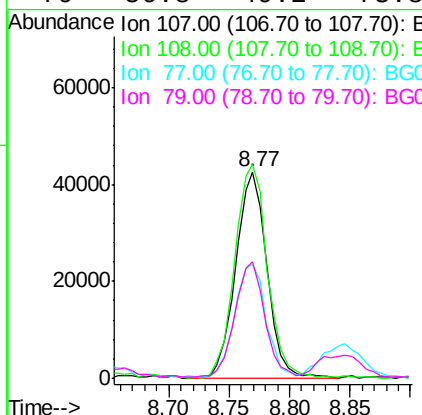
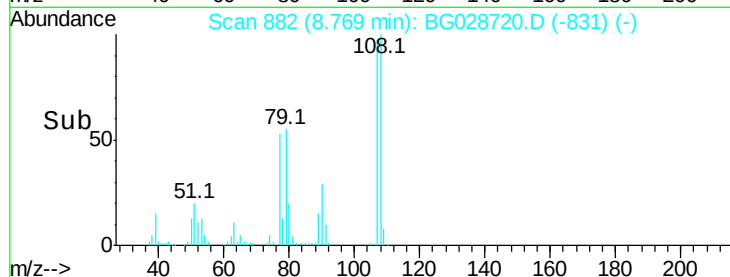
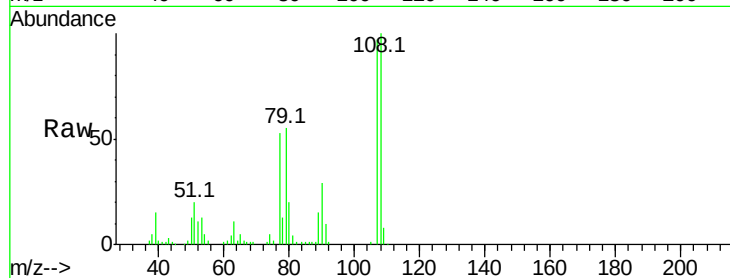
#17
2-Methylphenol
Concen: 56.000 ng
RT: 8.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	107	Resp	76952
Ion Ratio	Lower	Upper	
107	100		
108	103.6	85.6	128.4
77	55.3	51.4	77.2
79	56.8	49.2	73.8

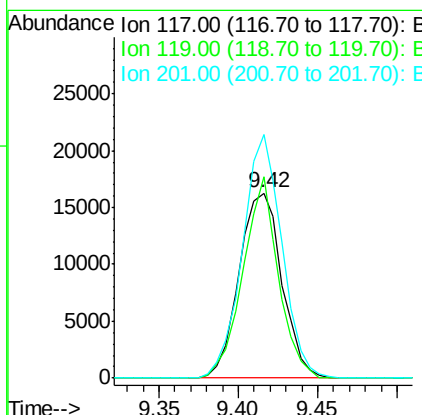
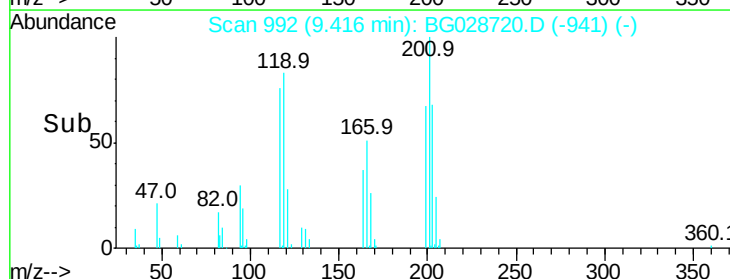
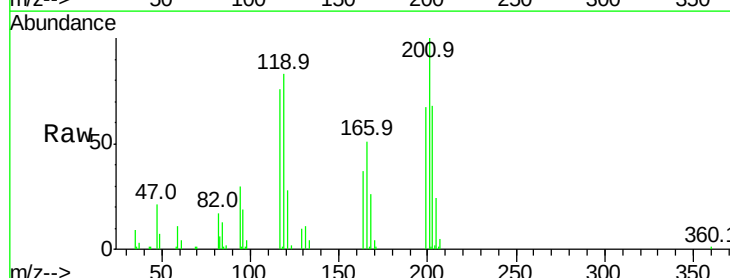
Manual Integrations
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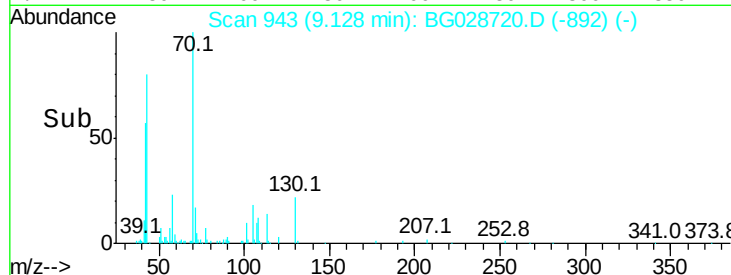
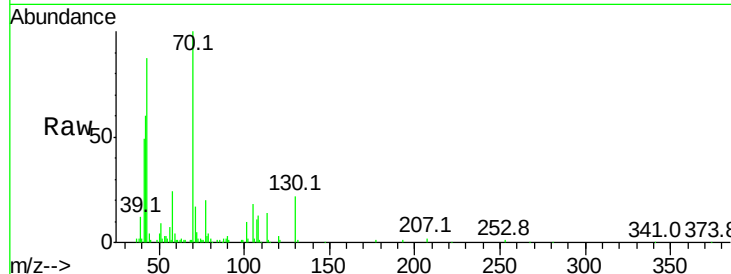
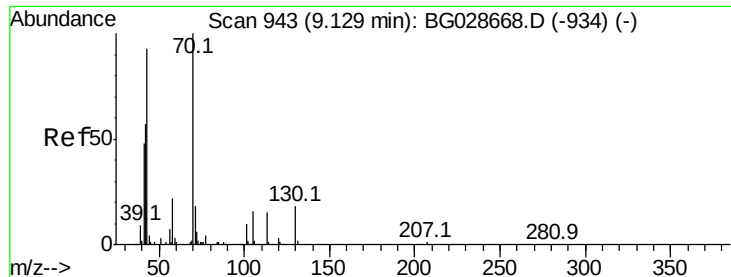
Sohil
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#18
Hexachloroethane
Concen: 50.832 ng
RT: 9.42 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	117	Resp	30434
Ion Ratio	Lower	Upper	
117	100		
119	108.9	69.8	104.6#
201	131.6	95.4	143.0





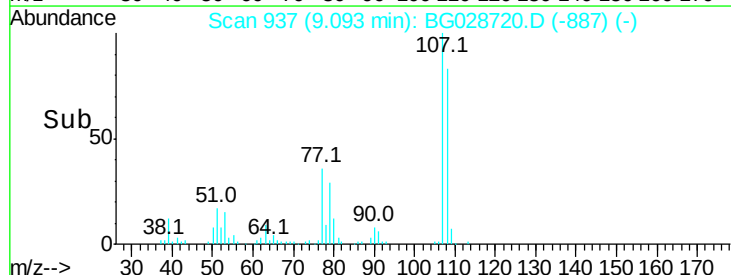
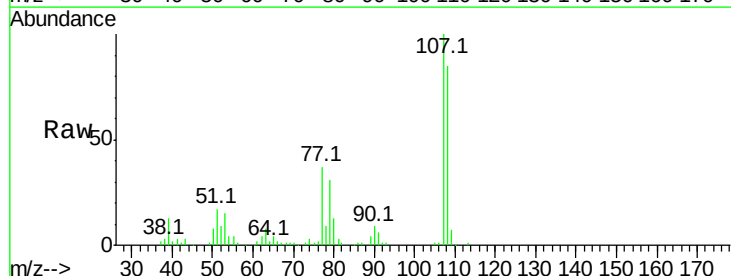
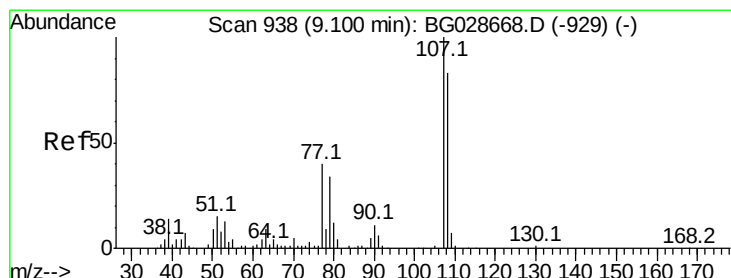
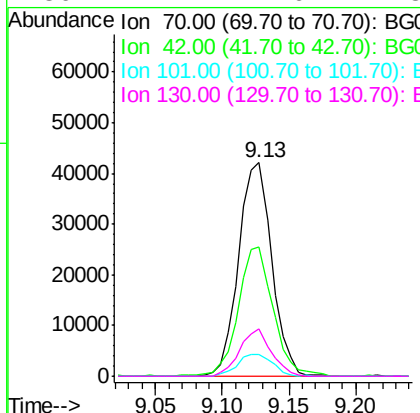
#19
n-Nitroso-di-n-propylamine
Concen: 51.211 ng
RT: 9.13 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.3	56.1	84.1	
101	10.4	7.5	11.3	
130	22.2	14.6	21.8	

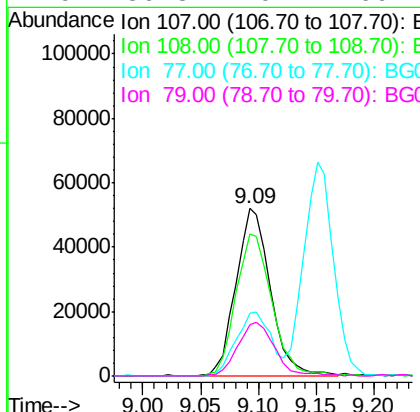
Manual Integrations
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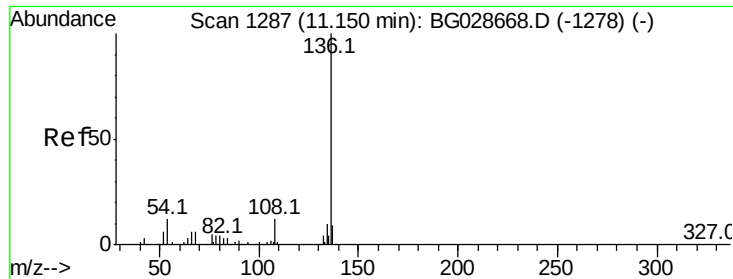
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#20
3+4-Methylphenols
Concen: 56.185 ng
RT: 9.09 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.8	70.8	110.8	
77	37.1	25.8	65.8	
79	30.8	20.1	60.1	





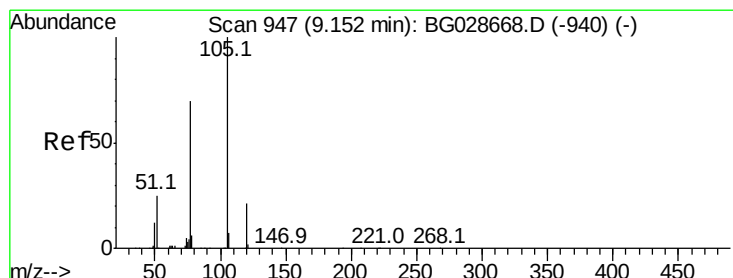
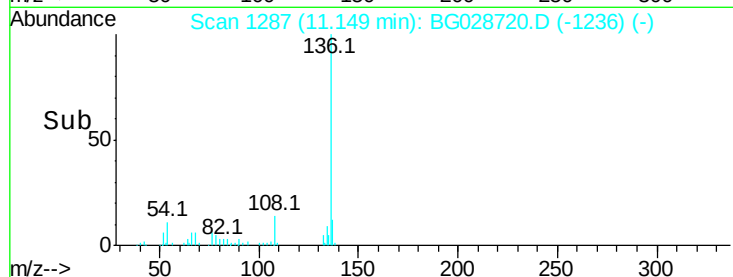
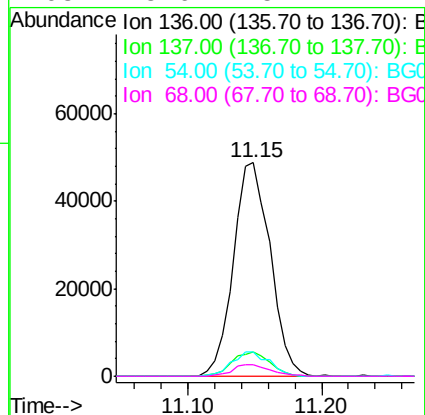
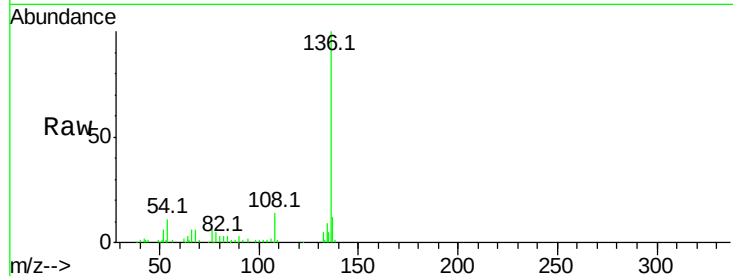
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	8.9	13.3	
54	11.2	9.3	13.9	
68	5.6	5.1	7.7	

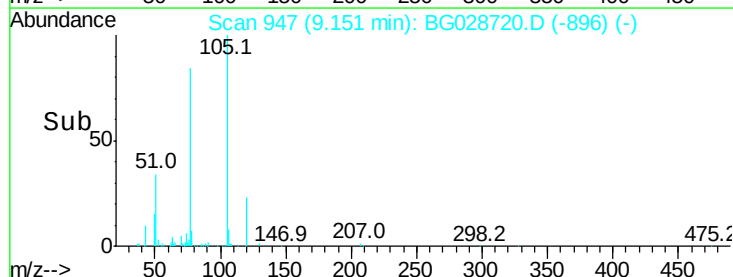
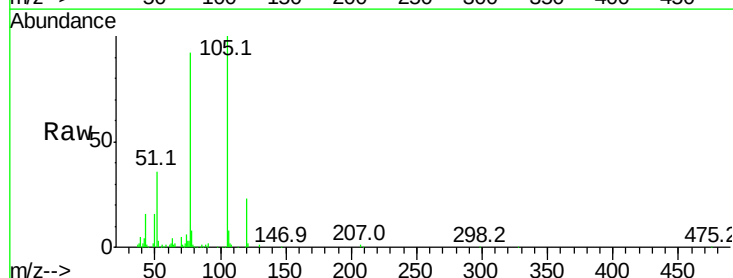
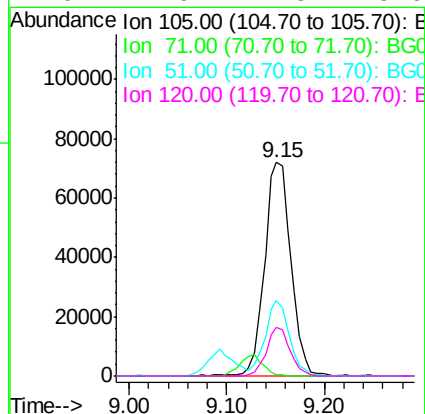
Manual Integrations
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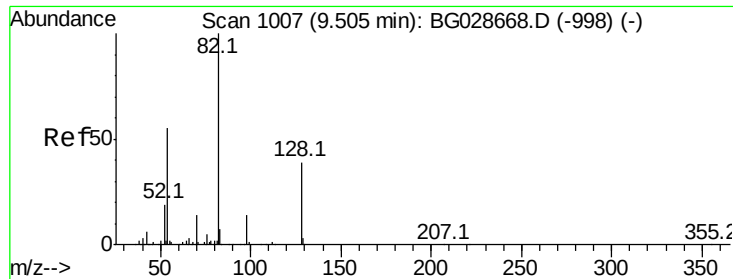
Sohil
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#22
Acetophenone
Concen: 50.039 ng
RT: 9.15 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.9	1.3#	
51	35.7	34.0	51.0	
120	22.9	17.3	25.9	





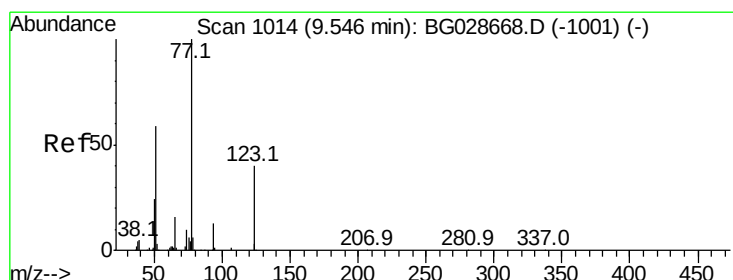
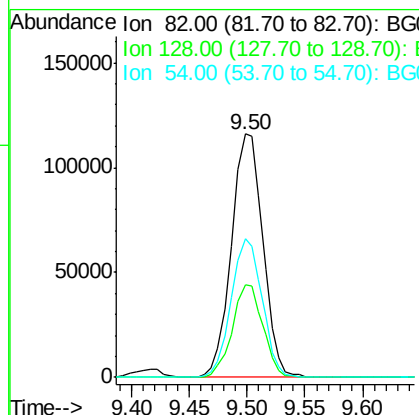
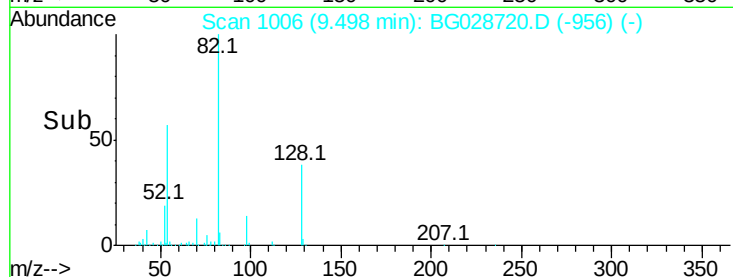
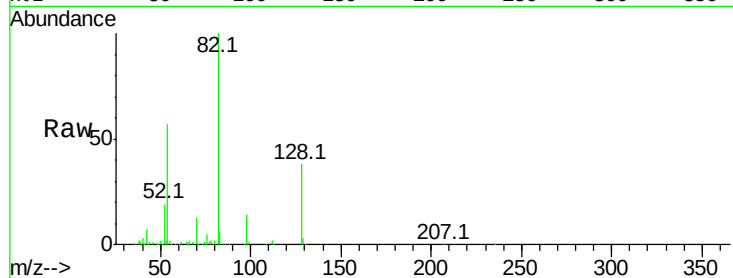
#23
Nitrobenzene-d5
Concen: 112.505 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.1	26.4	39.6	
54	56.9	49.4	74.2	

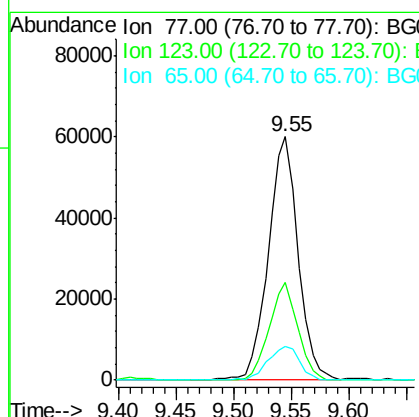
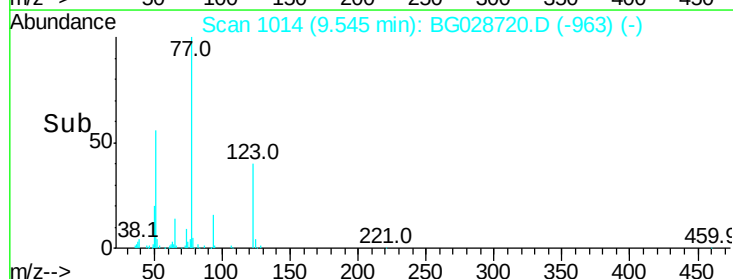
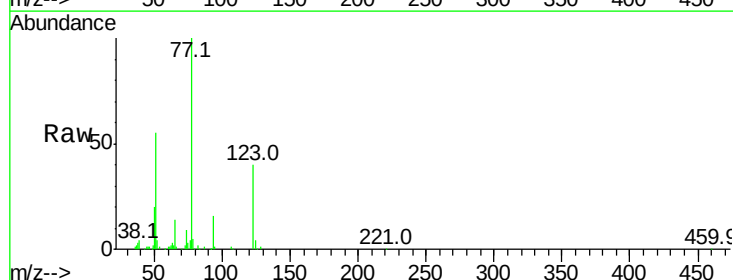
Manual Integrations
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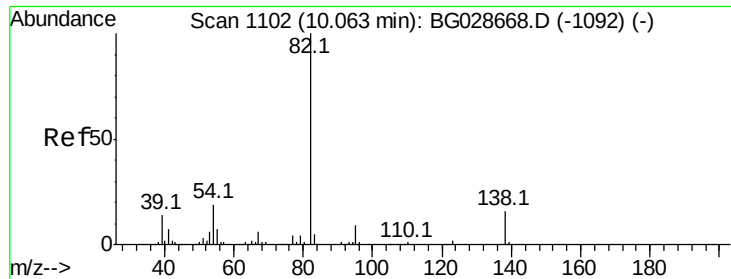
Sohil
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#24
Nitrobenzene
Concen: 49.796 ng
RT: 9.55 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.3	26.1	39.1#	
65	14.0	12.4	18.6	





#25

Isophorone

Concen: 53.261 ng

RT: 10.06 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

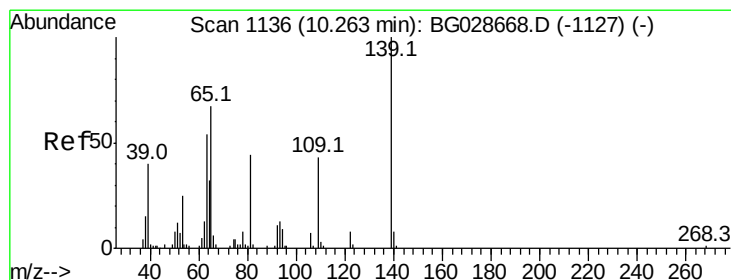
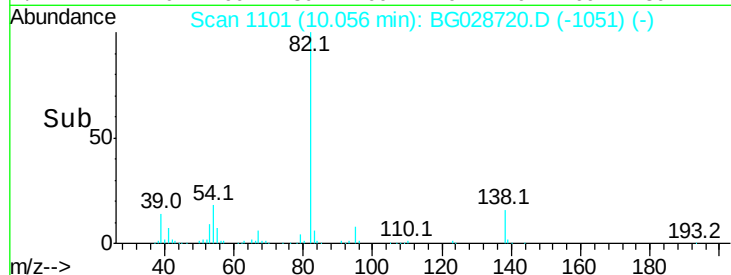
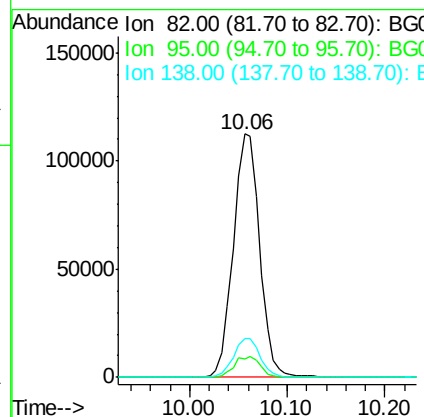
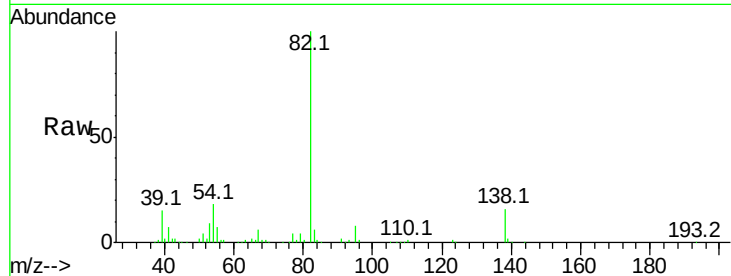
ClientSampled :

S32-9020MS

Tot Ion:	82	Resp:	210276
Ion Ratio	Lower	Upper	
82	100		
95	7.7	7.5	11.3
138	15.8	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.742 ng

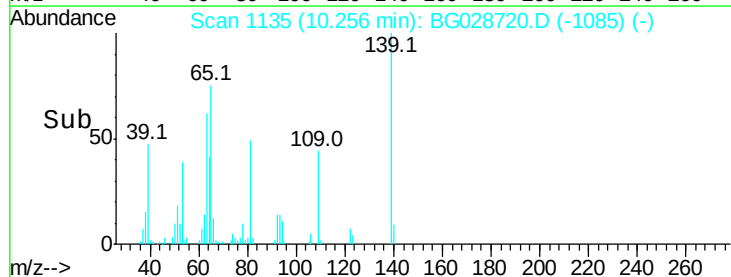
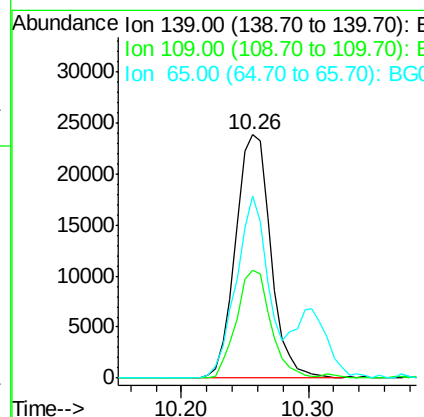
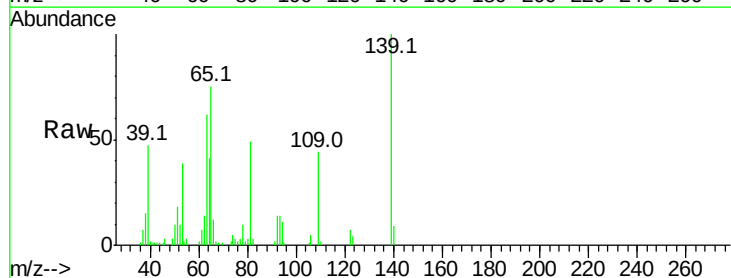
RT: 10.26 min Scan# 1135

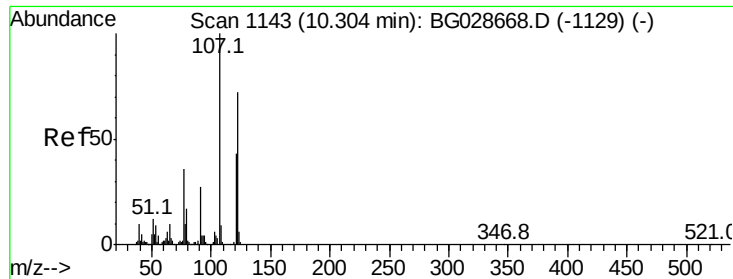
Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	139	Resp:	45740
Ion Ratio	Lower	Upper	
139	100		
109	44.3	38.6	58.0
65	74.7	57.1	85.7





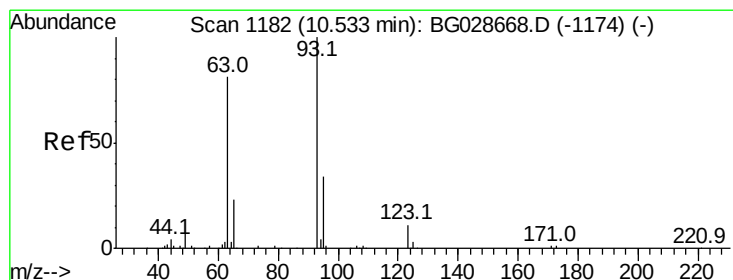
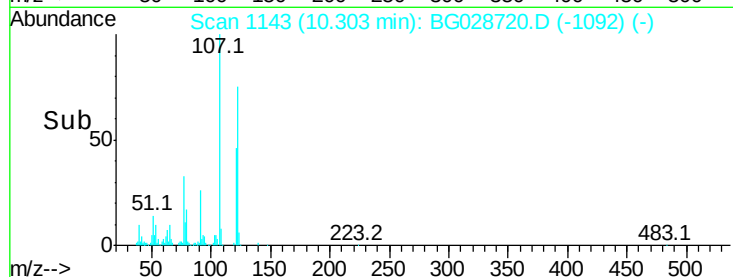
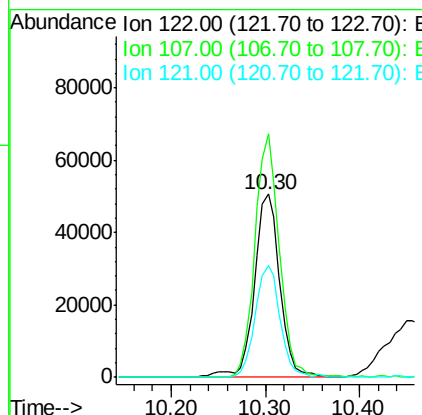
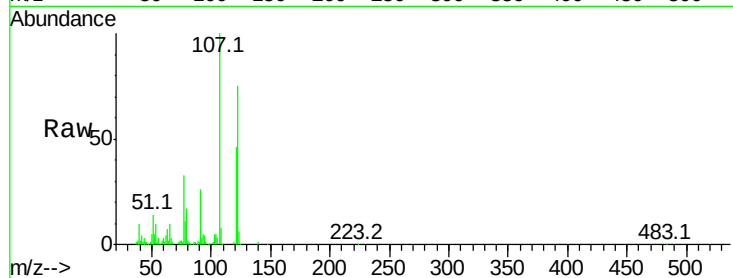
#27
2,4-Dimethylphenol
Concen: 56.533 ng
RT: 10.30 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.1	104.2	156.4
121	61.1	46.0	69.0

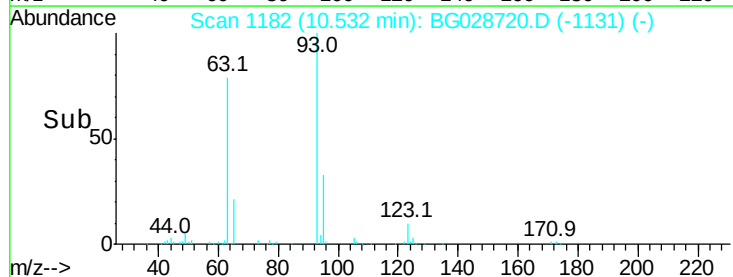
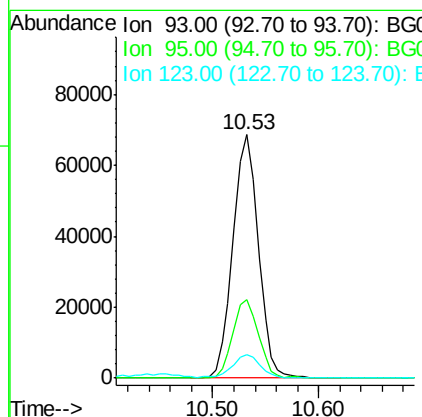
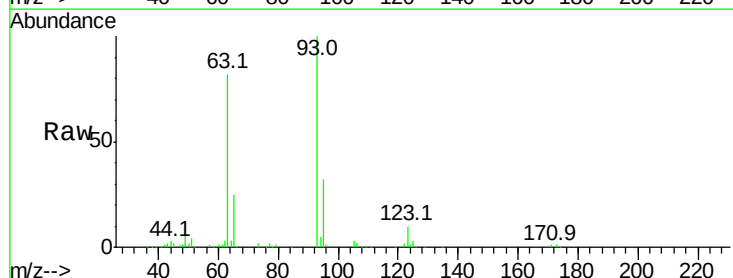
Manual Integrations
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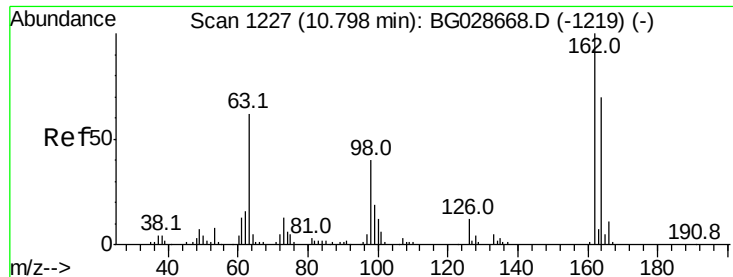
Sohil
9/14/2017 5:54:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 53.231 ng
RT: 10.53 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	9.9	8.3	12.5





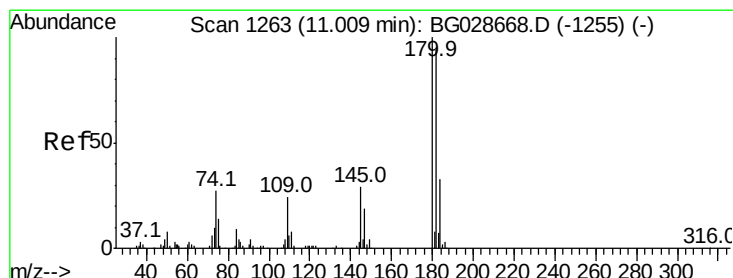
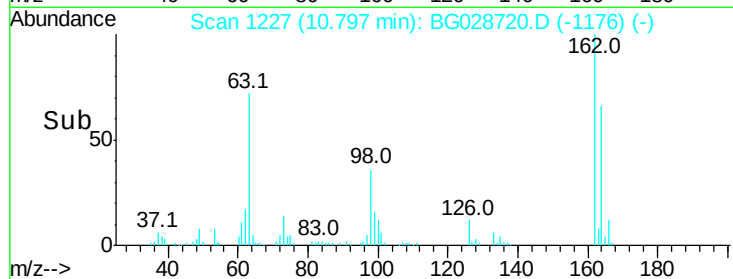
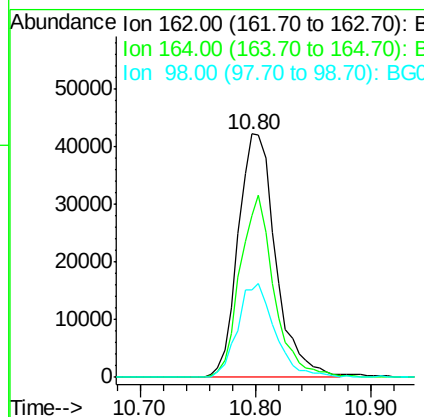
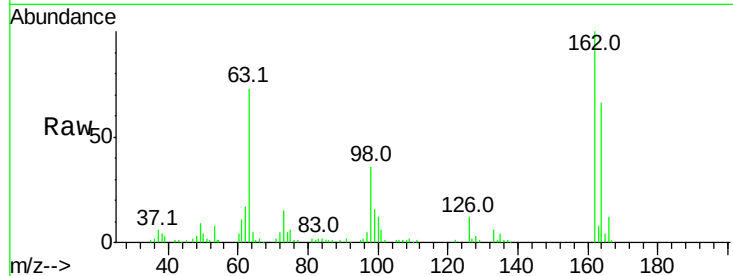
#29
2,4-Dichlorophenol
Concen: 57.136 ng
RT: 10.80 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampled :
S32-9020MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.2	42.4	82.4
98	36.2	20.3	60.3

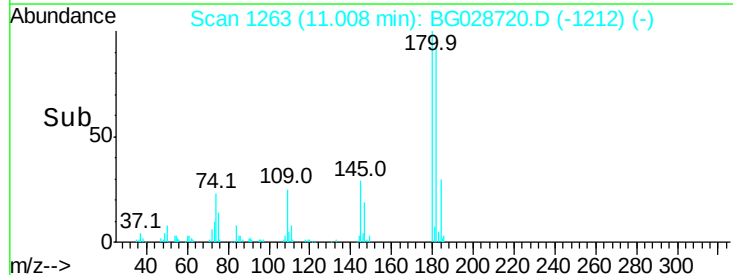
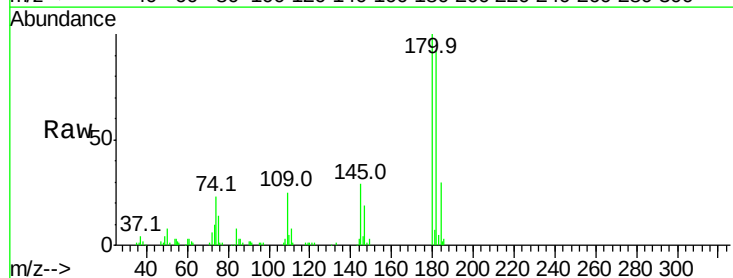
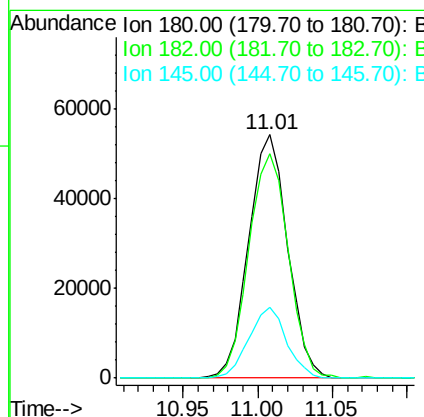
Manual Integrations
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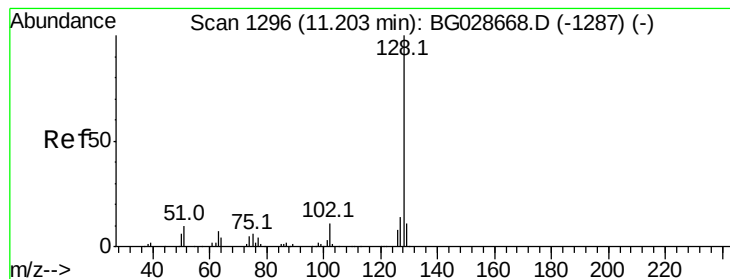
Sohil
9/14/2017 5:54:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 51.181 ng
RT: 11.01 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.4	77.0	115.4
145	28.8	23.4	35.0





#31

Naphthalene

Concen: 53.871 ng

RT: 11.20 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

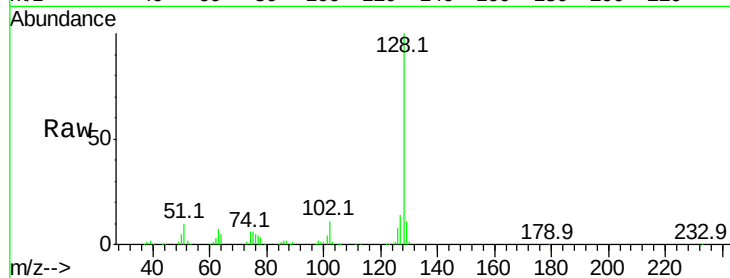
ClientSampleId :

S32-9020MS

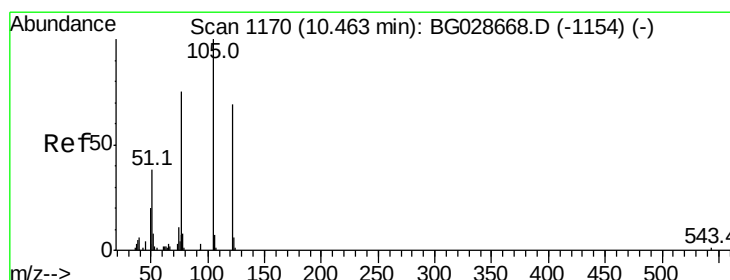
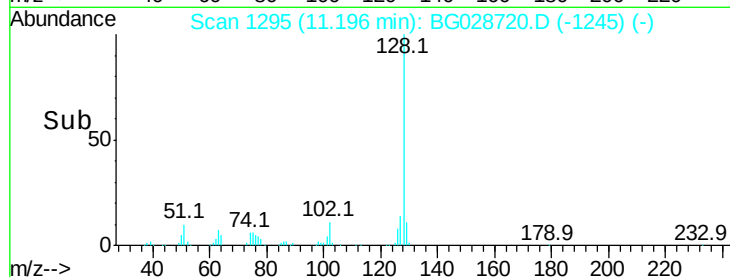
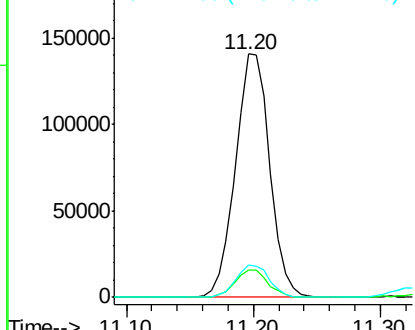
Tot Ion:	128	Resp:	262617
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.3	13.9
127	13.6	11.4	17.0

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.326 ng

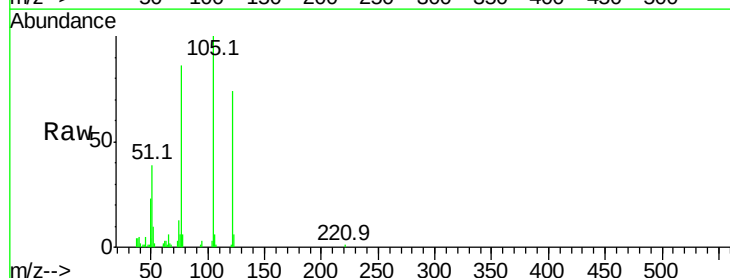
RT: 10.45 min Scan# 1168

Delta R.T. -0.01 min

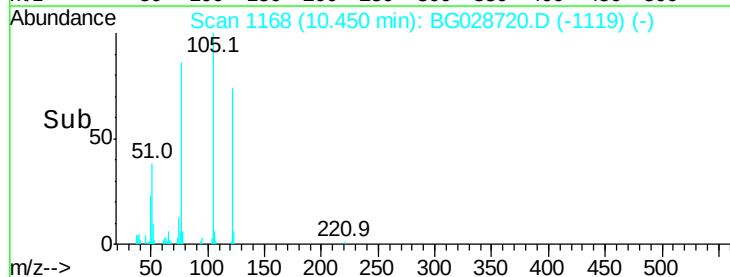
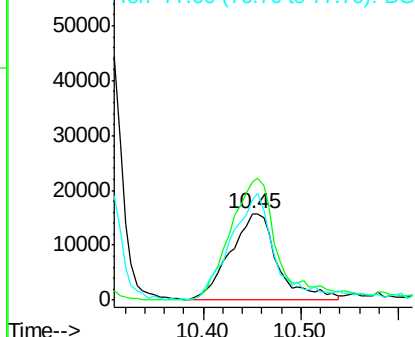
Lab File: BG028720.D

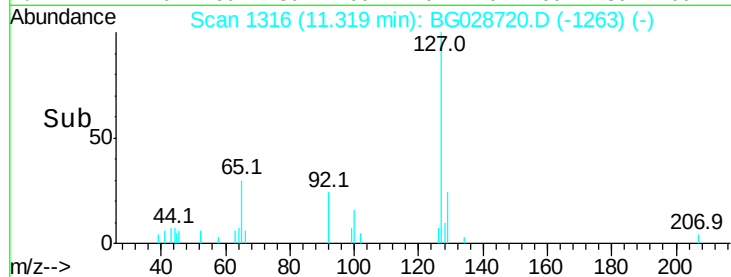
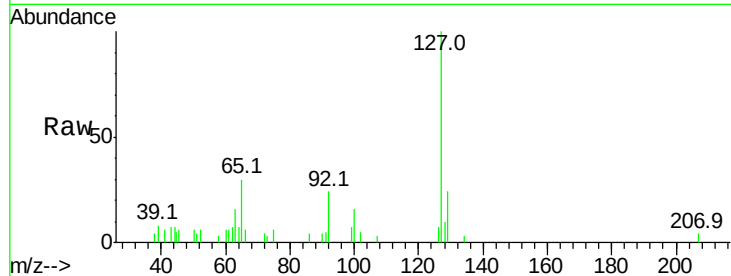
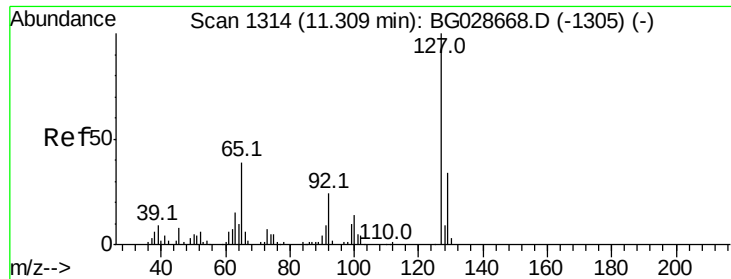
Acq: 14 Sep 2017 6:44

Tgt Ion:	122	Resp:	52275
Ion Ratio	Lower	Upper	
122	100		
105	135.7	120.1	160.1
77	116.2	104.6	144.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





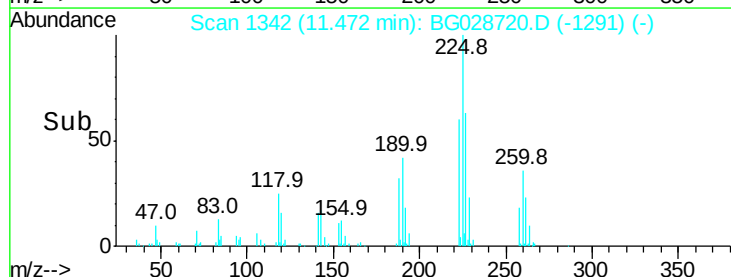
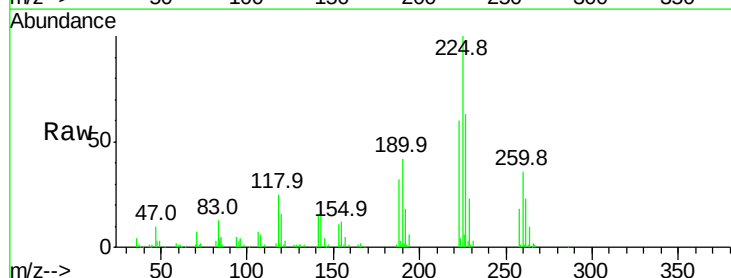
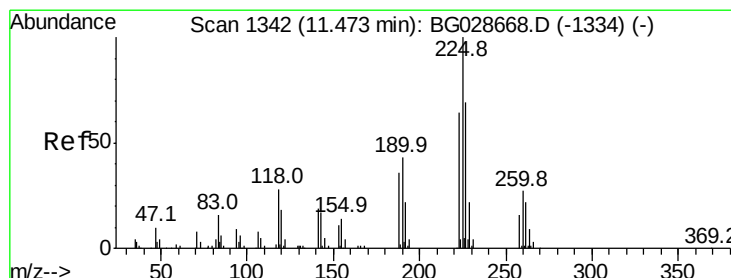
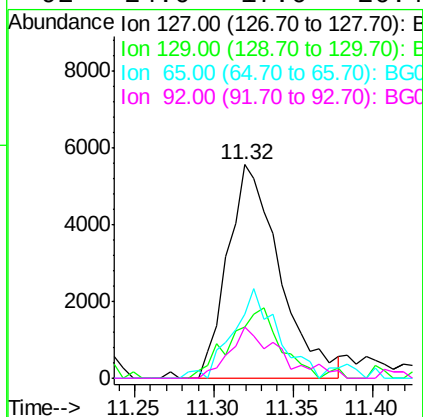
#33
4-Chloroaniline
Concen: 6.195 ng
RT: 11.32 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	24.2	23.6	35.4
65	29.8	37.7	56.5
92	24.0	17.6	26.4

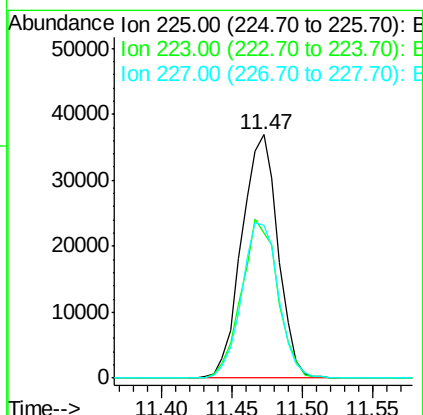
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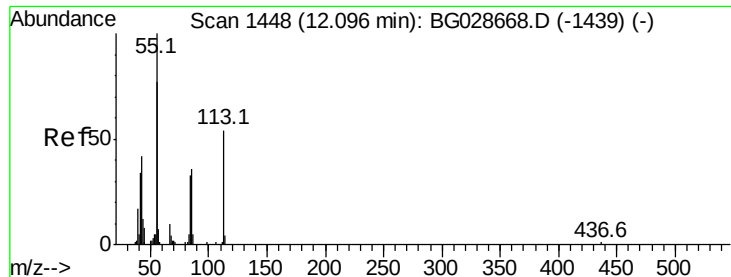
Sohil
9/14/2017 5:54:38 PM



#34
Hexachlorobutadiene
Concen: 47.228 ng
RT: 11.47 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	59.7	50.7	76.1
227	62.9	49.0	73.6





#35

Caprolactam

Concen: 60.845 ng/ml

RT: 12.09 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

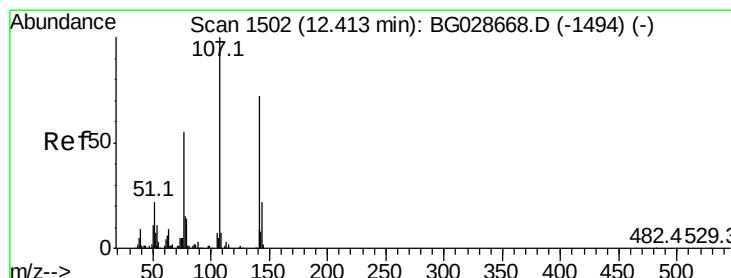
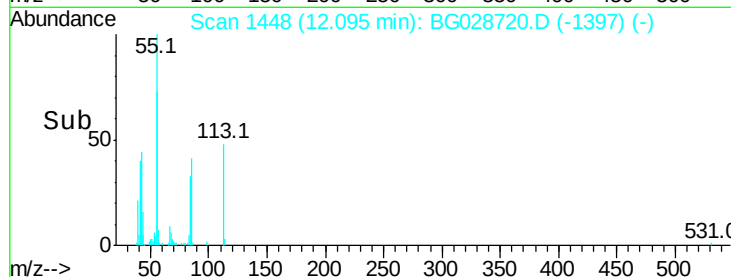
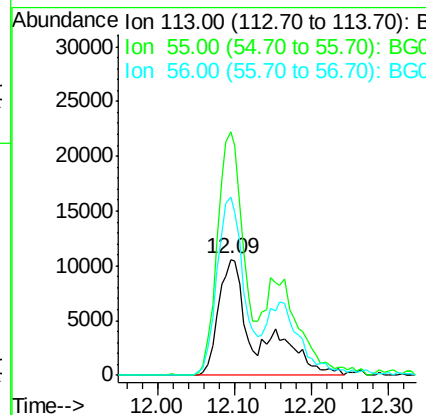
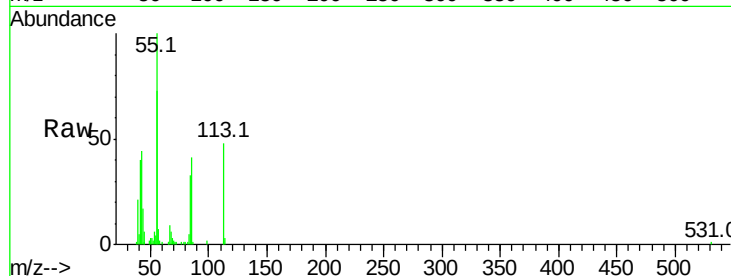
ClientSampled :

S32-9020MS

Tot Ion:	113	Resp:	36490
Ion	Ratio	Lower	Upper
113	100		
55	210.4	198.6	238.6
56	154.0	140.4	180.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 60.995 ng/ml

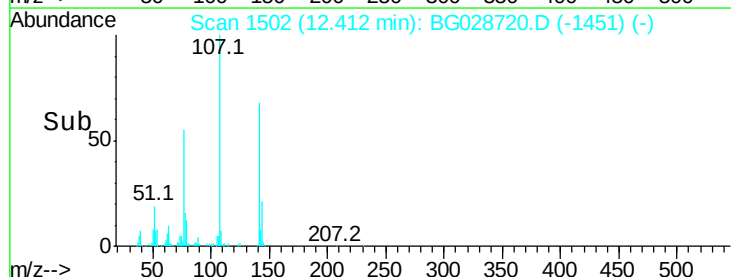
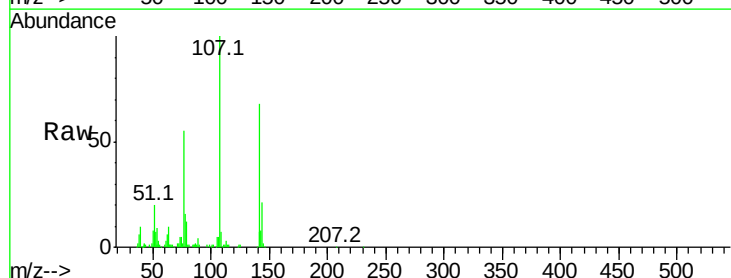
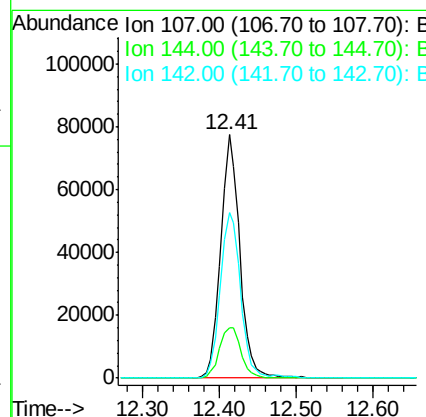
RT: 12.41 min Scan# 1502

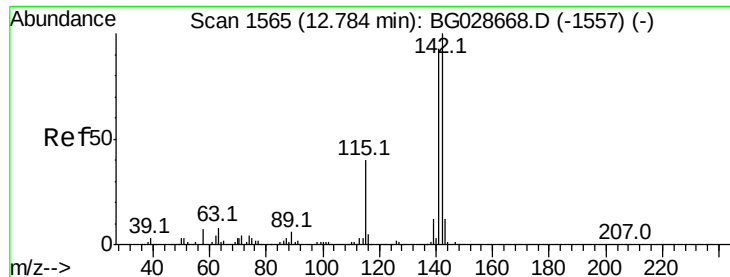
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	107	Resp:	132754
Ion	Ratio	Lower	Upper
107	100		
144	20.6	17.4	26.0
142	68.2	54.1	81.1





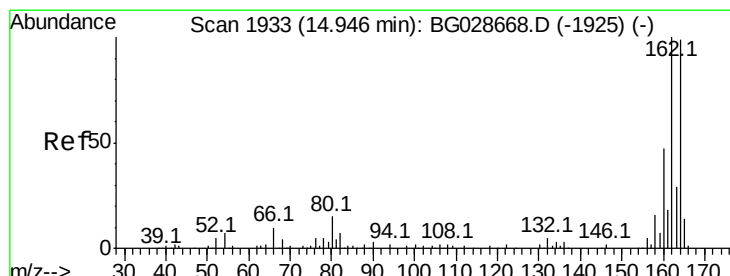
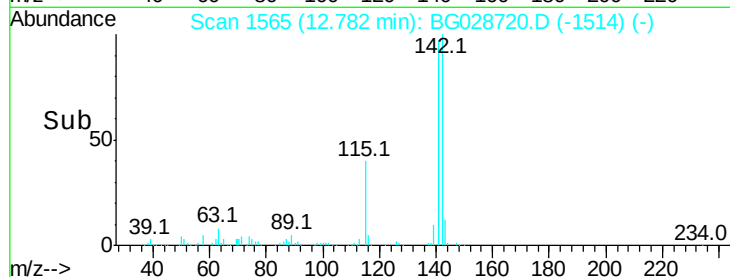
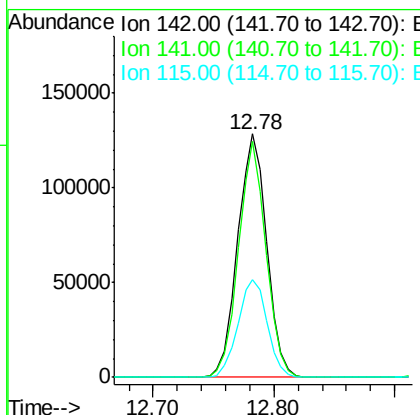
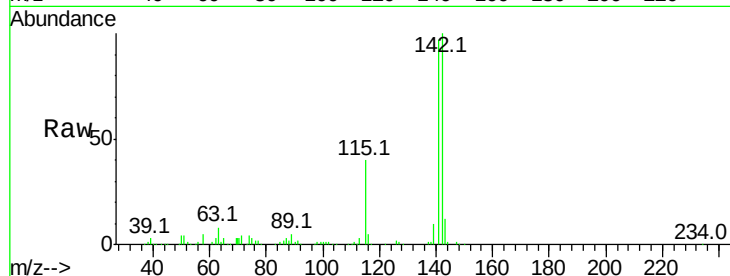
#37
2-Methylnaphthalene
Concen: 58.999 ng
RT: 12.78 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	214735		
141	96.7	70.4	105.6	
115	40.2	35.5	53.3	

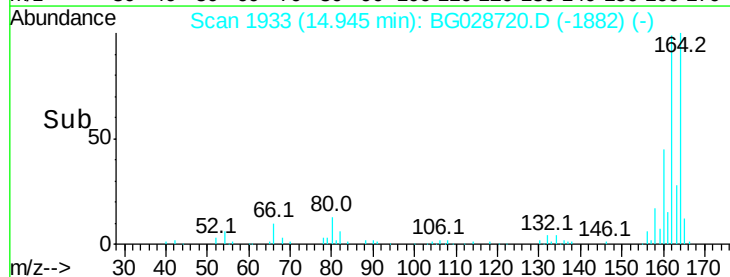
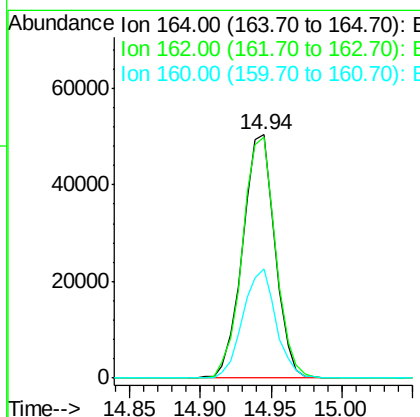
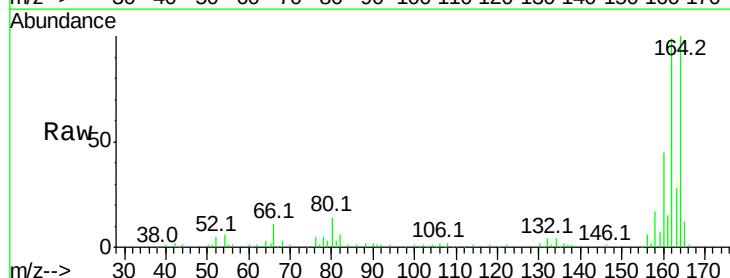
Manual Integrations
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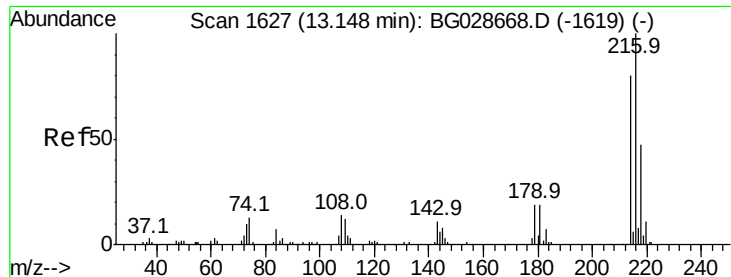
Sohil
9/14/2017 5:54:38 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81231		
162	99.2	85.1	127.7	
160	44.9	34.7	52.1	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.024 ng

RT: 13.15 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

ClientSampleId :

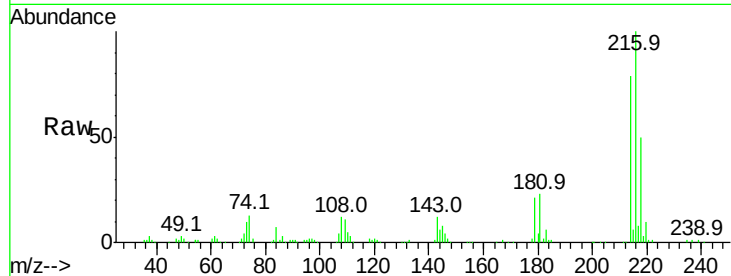
S32-9020MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.5	64.4	96.6
179	18.9	17.4	26.0
108	15.0	15.6	23.4

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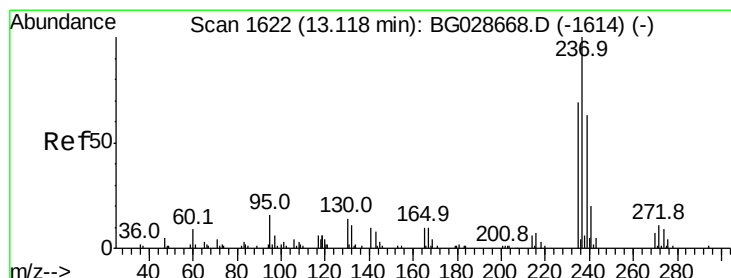
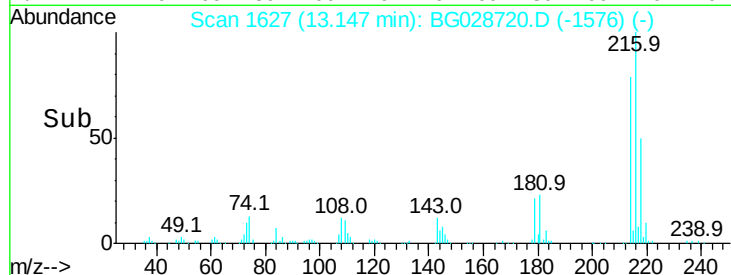
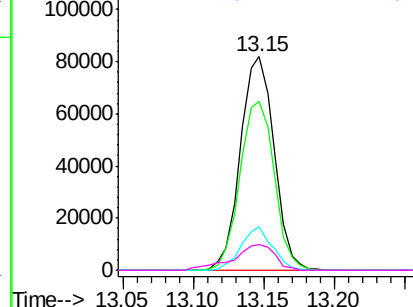
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.285 ng

RT: 13.12 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

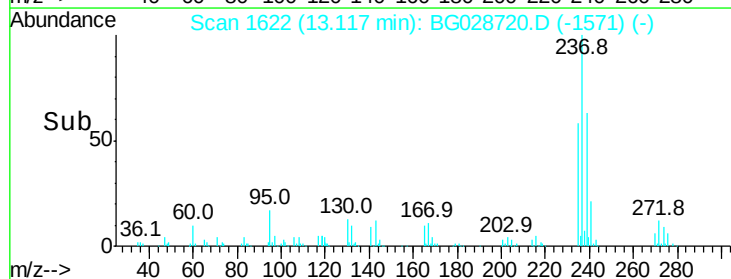
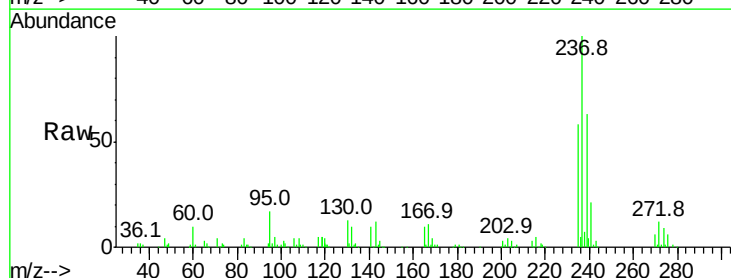
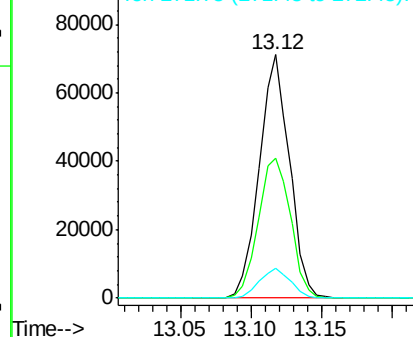
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	57.7	39.4	79.4
272	12.4	0.0	32.0

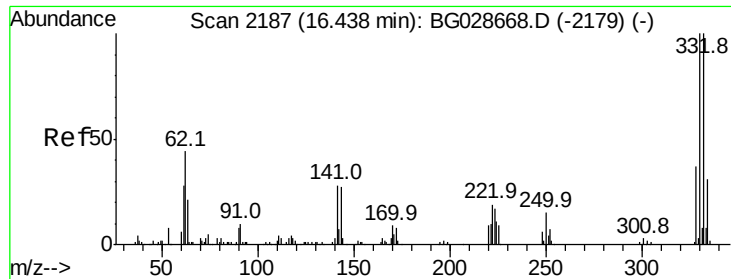
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 206.078 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

ClientSampleId :

S32-9020MS

Tot Ion:330 Resp: 276868

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

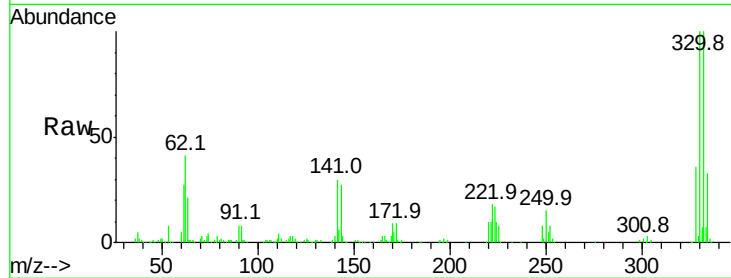
141 30.6 32.1 48.1#

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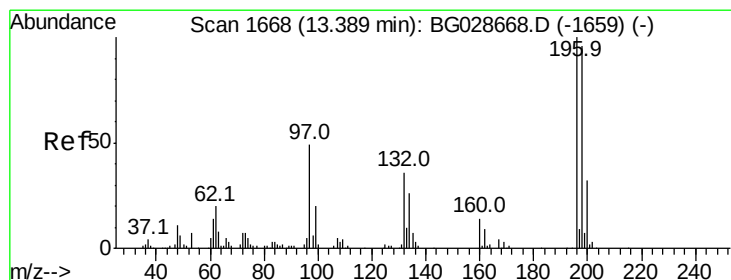
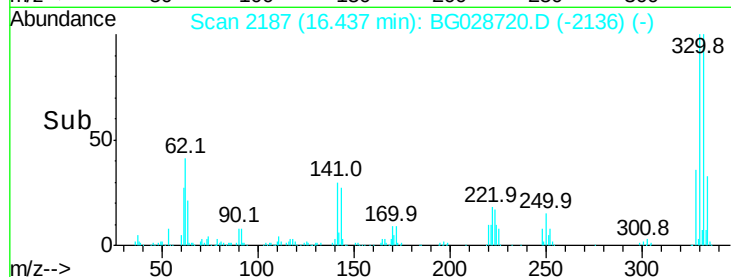
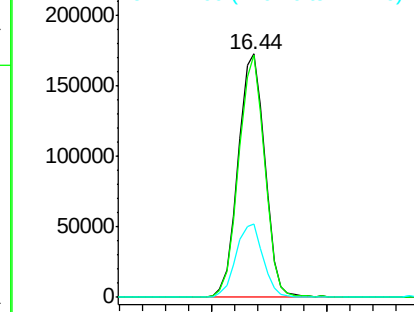
9/14/2017 5:54:38 PM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 49.518 ng

RT: 13.38 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

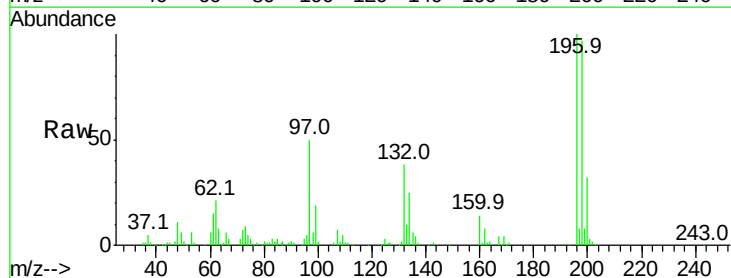
Tgt Ion:196 Resp: 104970

Ion Ratio Lower Upper

196 100

198 96.7 81.4 122.2

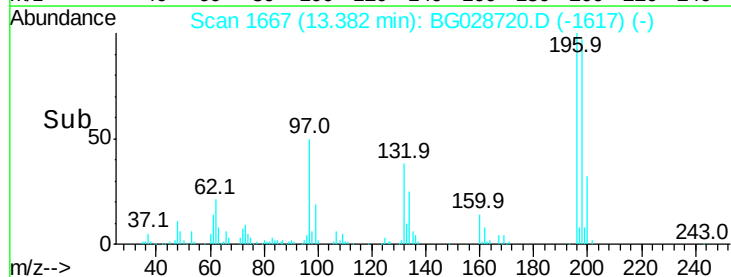
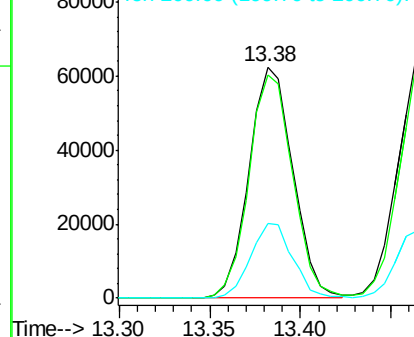
200 32.2 27.0 40.6

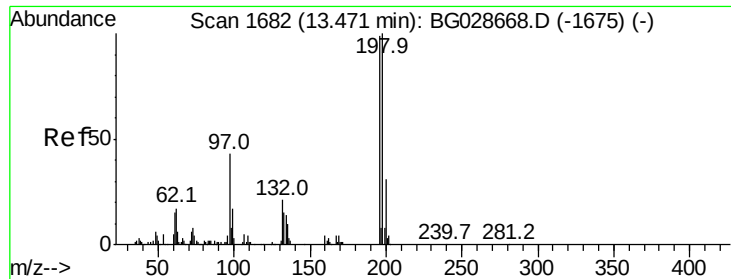


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





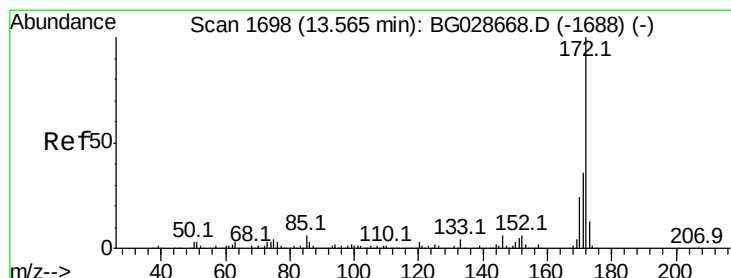
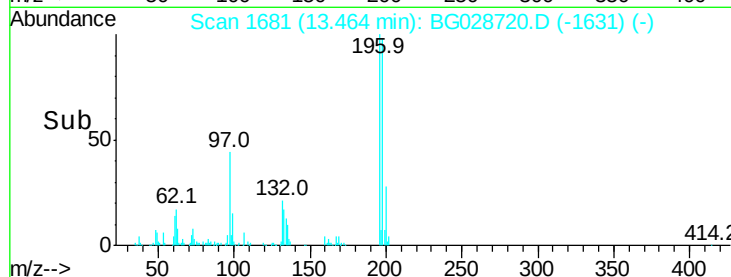
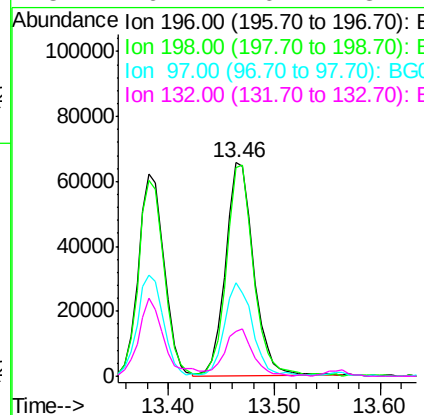
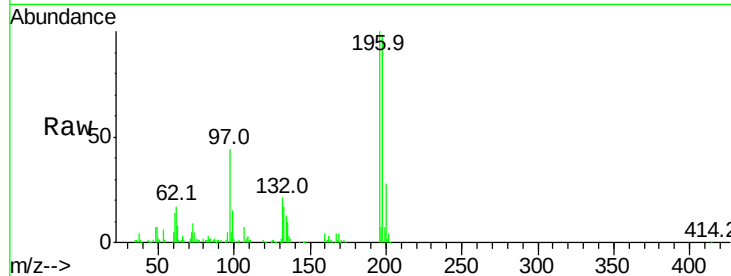
#43
 2,4,5-Trichlorophenol
 Concen: 56.783 ng
 RT: 13.46 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	120952		
198	97.6	79.9	119.9	
97	43.7	45.4	68.0	
132	20.7	20.7	31.1	

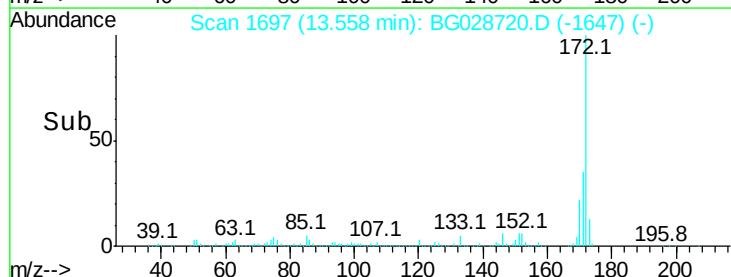
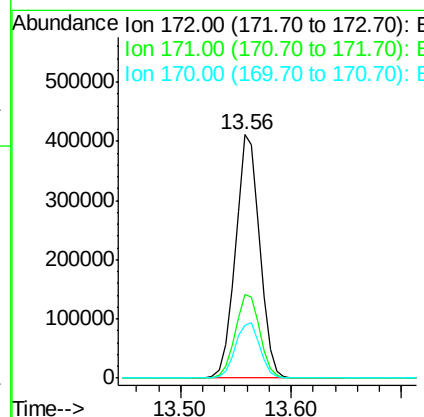
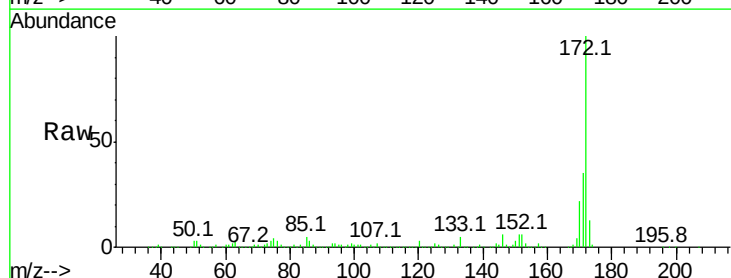
Manual Integrations
 APPROVED

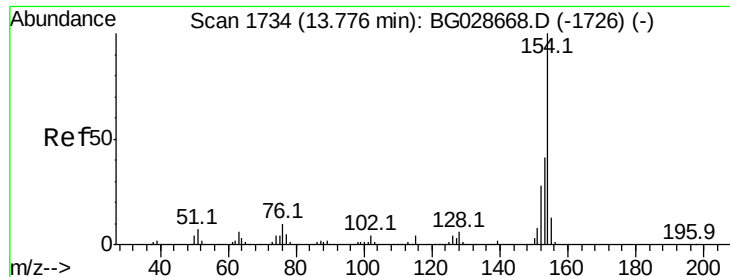
Sohil
 9/14/2017 5:54:38 PM



#44
 2-Fluorobiphenyl
 Concen: 103.286 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	629210		
171	34.6	32.2	48.2	
170	21.8	21.8	32.6	





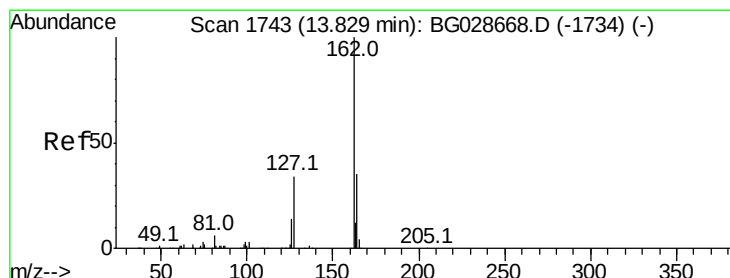
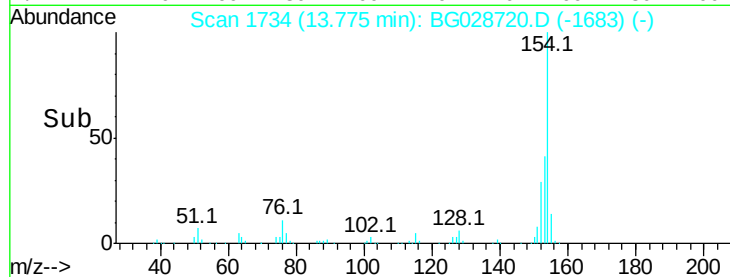
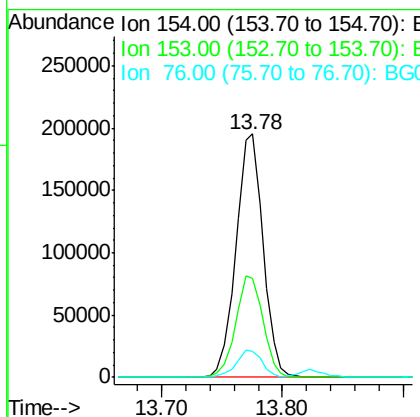
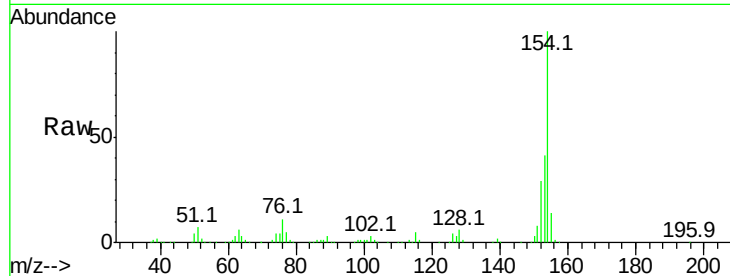
#45
 1,1'-Biphenyl
 Concen: 45.343 ng
 RT: 13.78 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampled :
 S32-9020MS

Tot Ion:	154	Resp:	304957
Ion Ratio	Lower	Upper	
154	100		
153	40.6	23.0	63.0
76	10.7	0.0	33.5

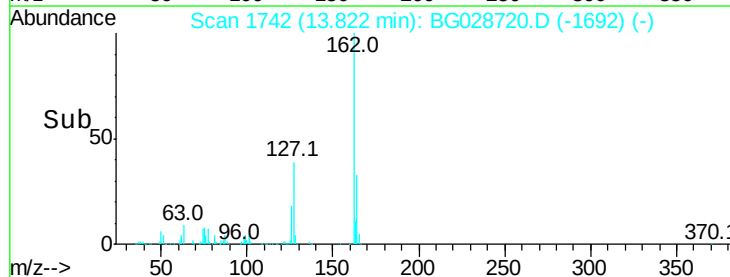
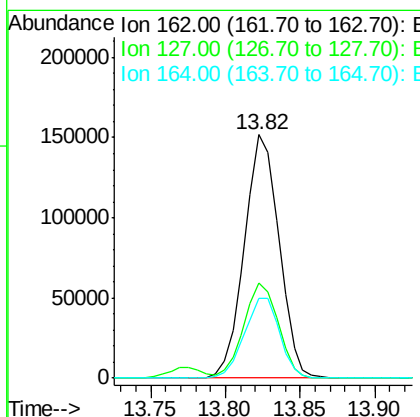
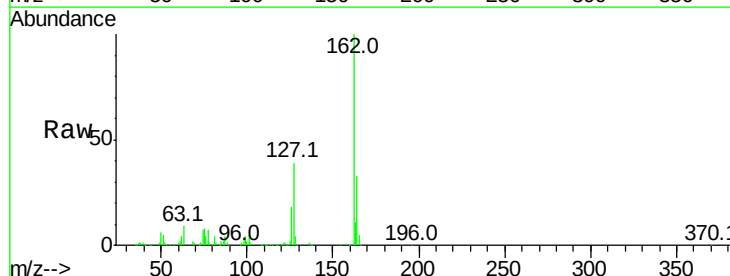
Manual Integrations
 APPROVED

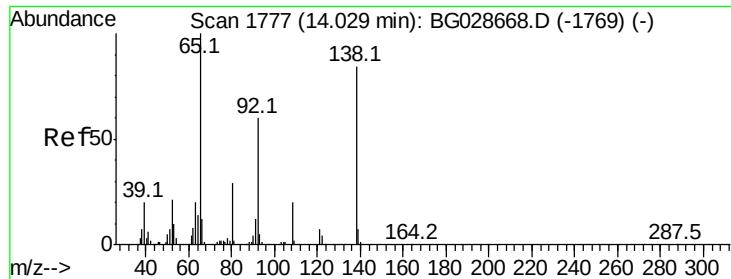
Sohil
 9/14/2017 5:54:38 PM



#46
 2-Chloronaphthalene
 Concen: 49.805 ng
 RT: 13.82 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Tgt Ion:	162	Resp:	244322
Ion Ratio	Lower	Upper	
162	100		
127	39.3	32.2	48.4
164	33.0	27.3	40.9





#47

2-Nitroaniline

Concen: 58.781 ng

RT: 14.03 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

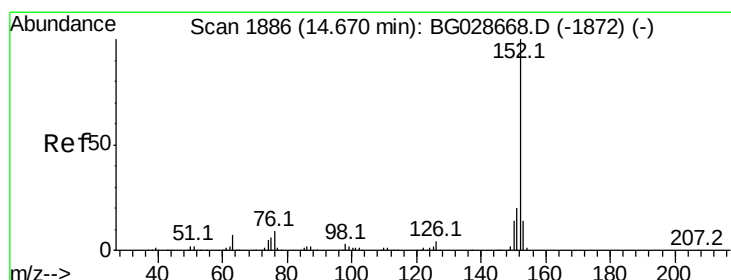
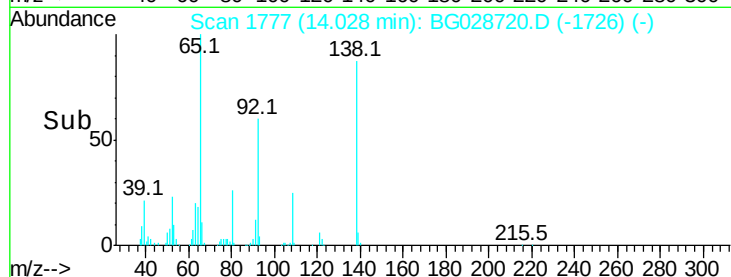
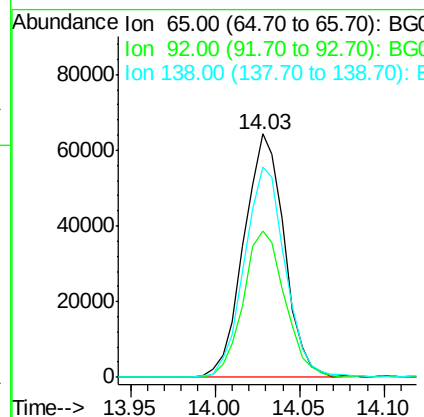
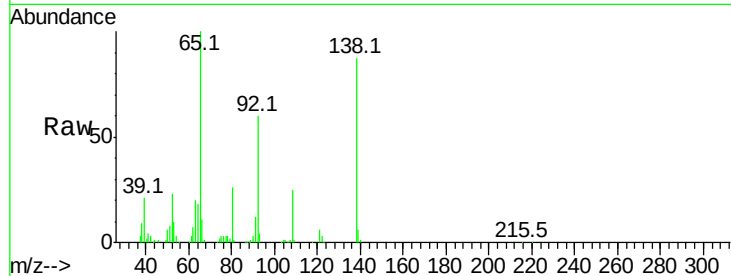
ClientSampleId :

S32-9020MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.0	49.0	73.4
138	86.6	58.6	87.8

Manual Integrations
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9/14/2017 5:54:38 PM



#48

Acenaphthylene

Concen: 52.264 ng

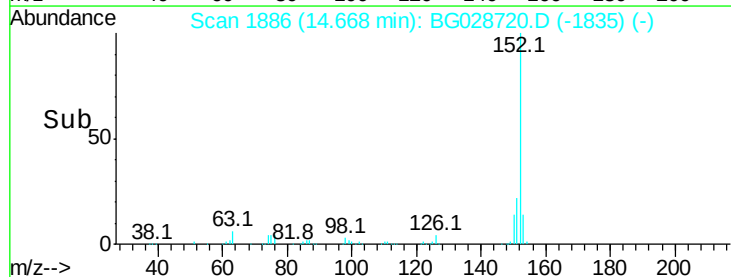
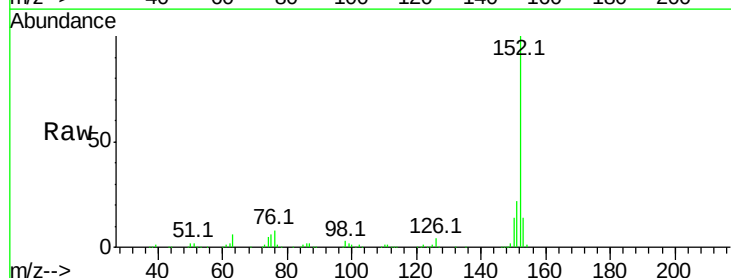
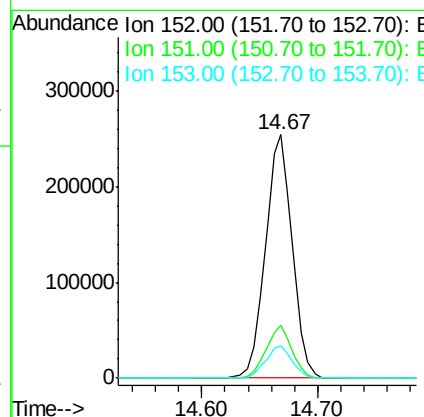
RT: 14.67 min Scan# 1886

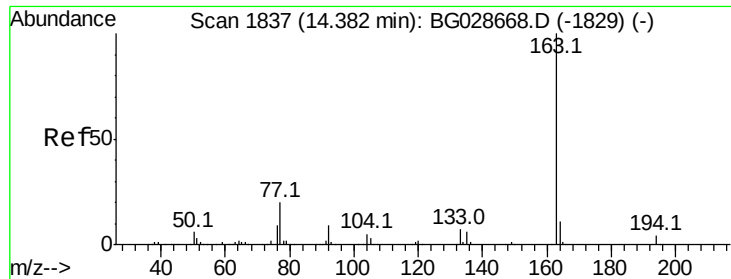
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	18.2	27.2
153	13.5	11.3	16.9





#49

Dimethylphthalate

Concen: 56.812 ng

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

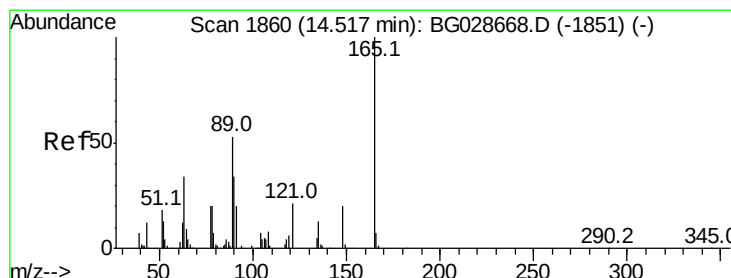
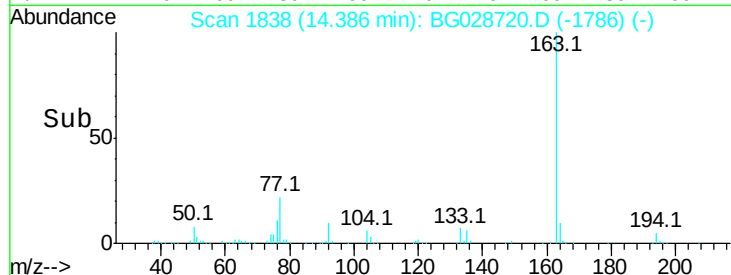
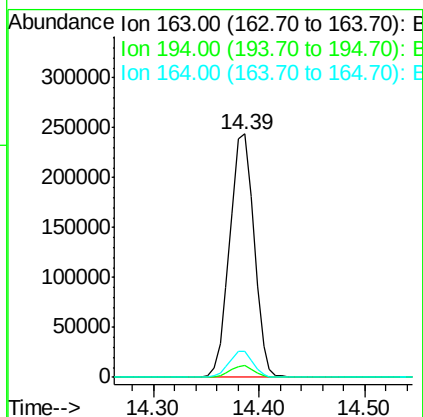
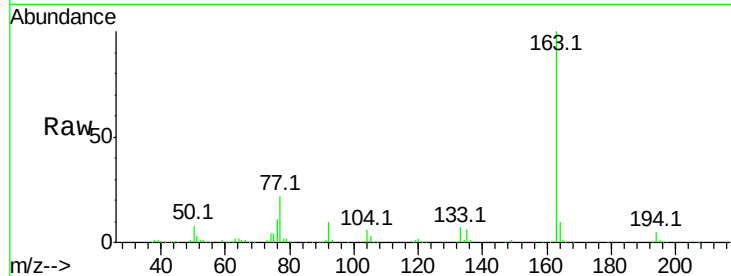
ClientSampleId :

S32-9020MS

Tot Ion:	163	Resp:	386983
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.6
164	10.5	9.3	13.9

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 59.902 ng

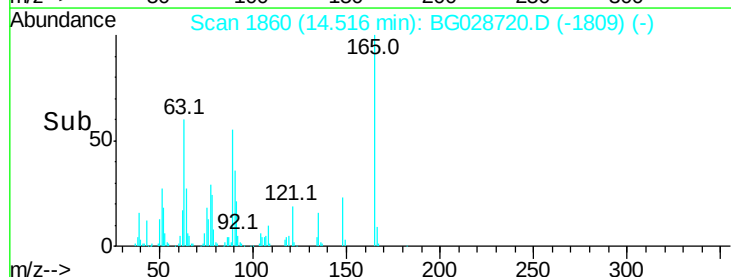
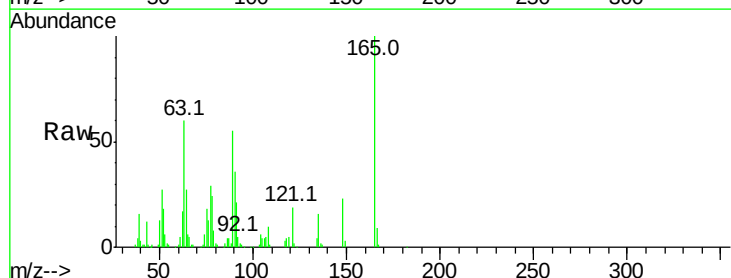
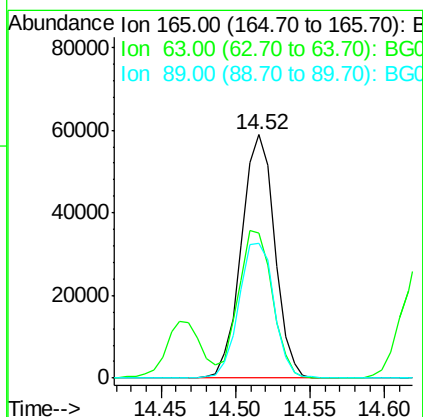
RT: 14.52 min Scan# 1860

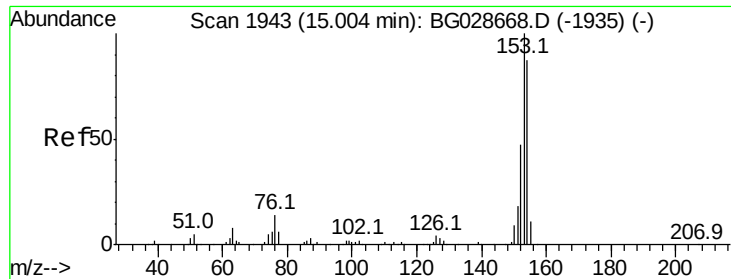
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	165	Resp:	90792
Ion Ratio	Lower	Upper	
165	100		
63	59.6	63.9	95.9#
89	55.2	58.6	88.0#





#51

Acenaphthene

Concen: 51.862 ng

RT: 15.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

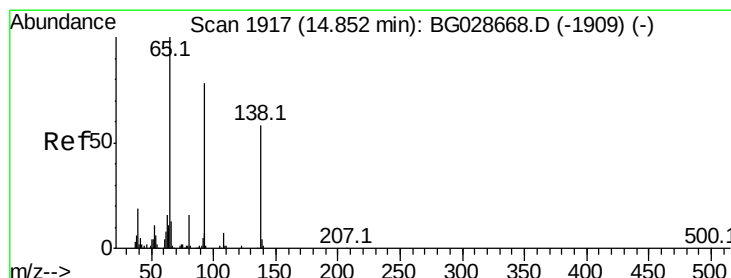
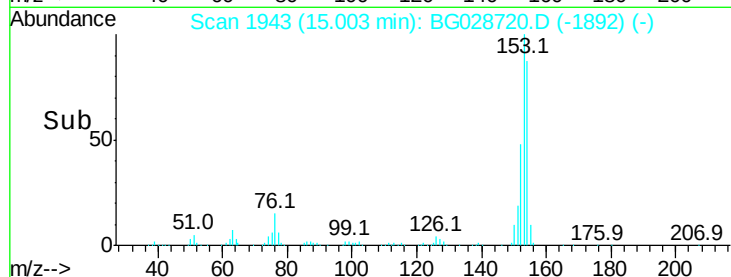
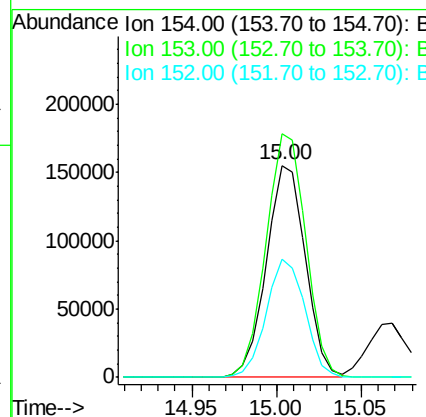
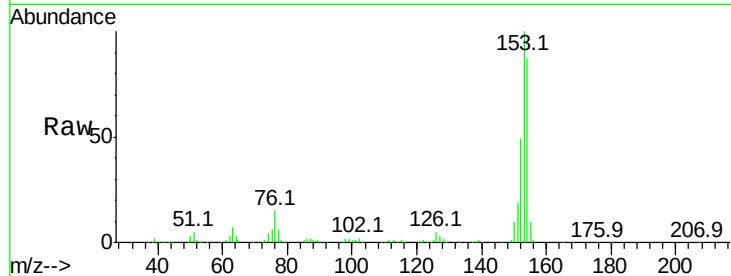
ClientSampleId :

S32-9020MS

Tot Ion:	154	Resp:	246908
Ion Ratio	Lower	Upper	
154	100		
153	114.9	87.8	131.6
152	55.8	42.2	63.4

Manual Integrations
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9/14/2017 5:54:38 PM



#52

3-Nitroaniline

Concen: 27.516 ng

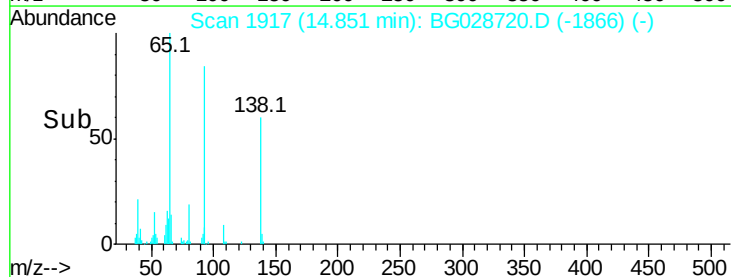
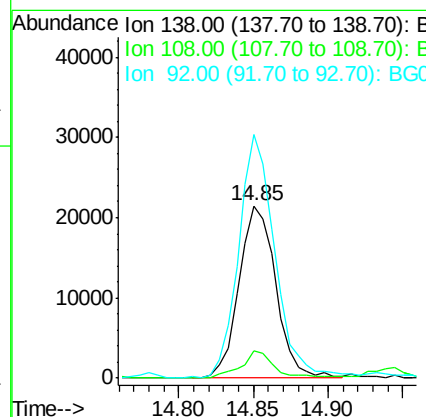
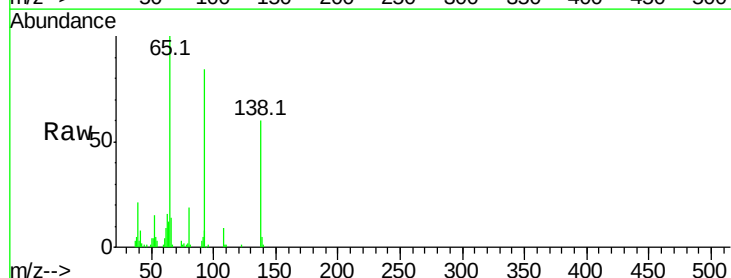
RT: 14.85 min Scan# 1917

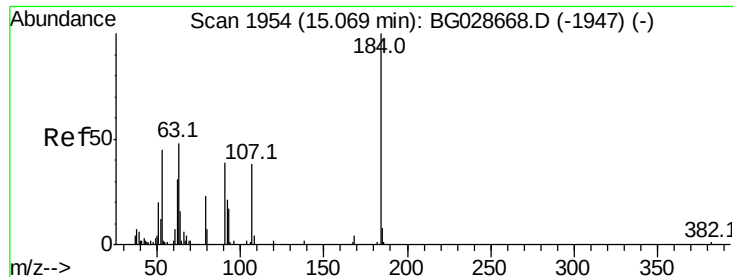
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	138	Resp:	36881
Ion Ratio	Lower	Upper	
138	100		
108	15.8	10.9	16.3
92	141.1	115.3	172.9





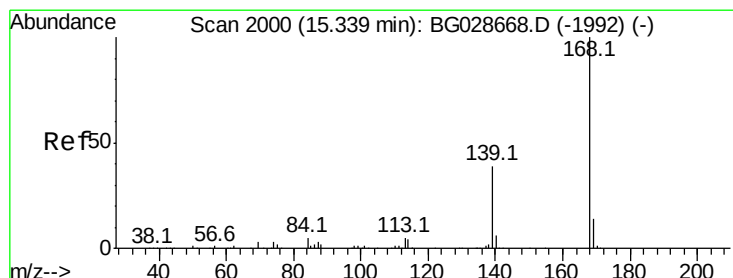
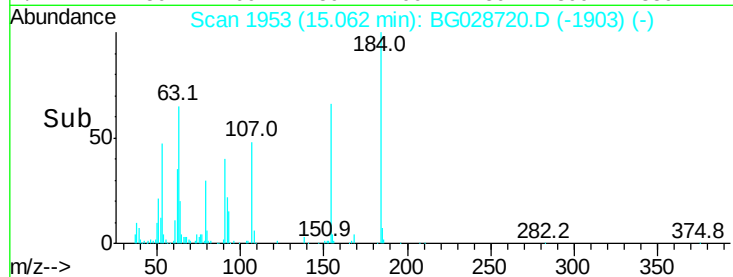
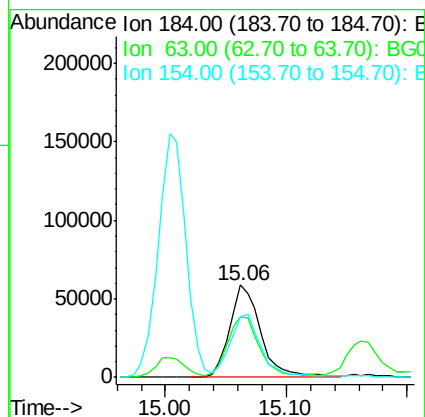
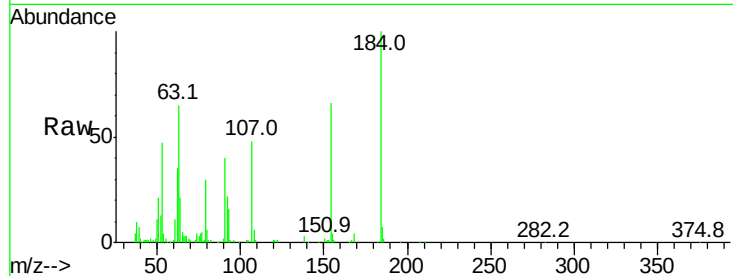
#53
2,4-Dinitrophenol
Concen: 126.285 ng
RT: 15.06 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.5	52.7	79.1	
154	65.8	57.3	85.9	

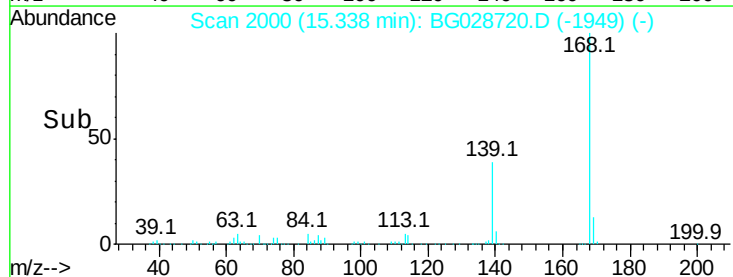
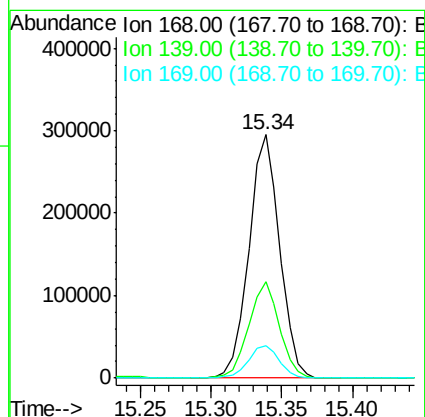
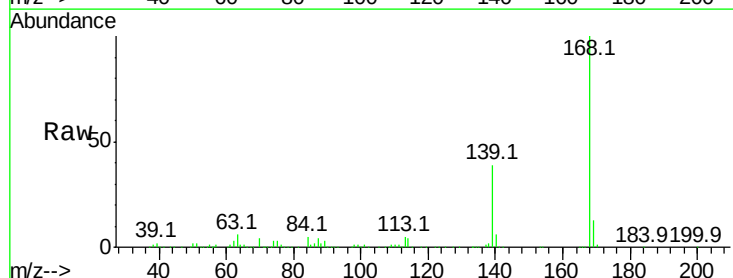
Manual Integrations
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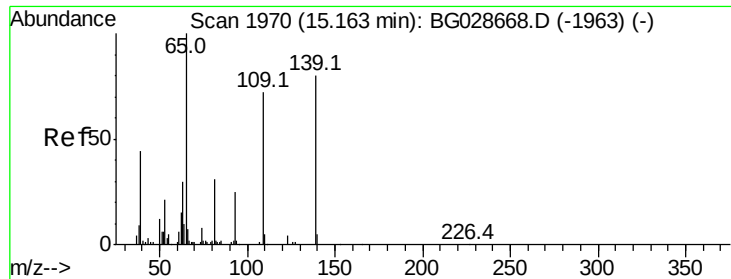
Sohil
9/14/2017 5:54:38 PM



#54
Dibenzofuran
Concen: 59.198 ng
RT: 15.34 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	35.3	52.9	
169	13.4	11.5	17.3	





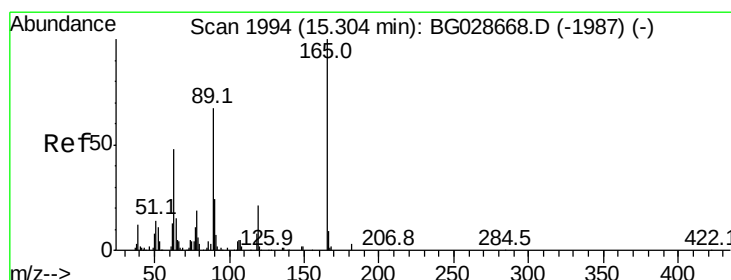
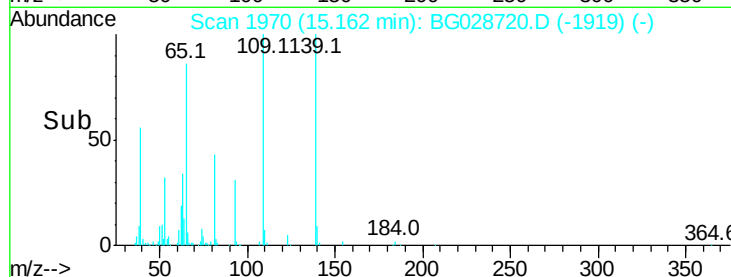
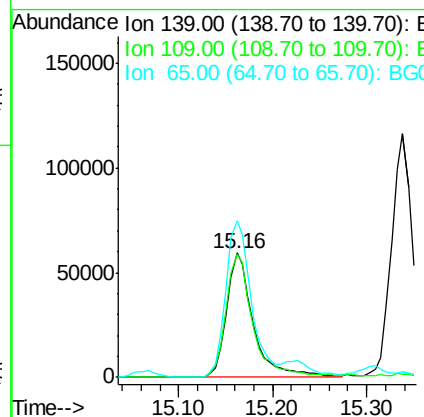
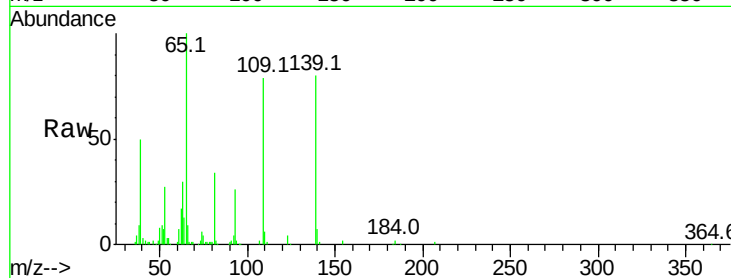
#55
4-Nitrophenol
Concen: 120.357 ng
RT: 15.16 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	98.7	101.2	141.2#	
65	125.6	135.3	175.3#	

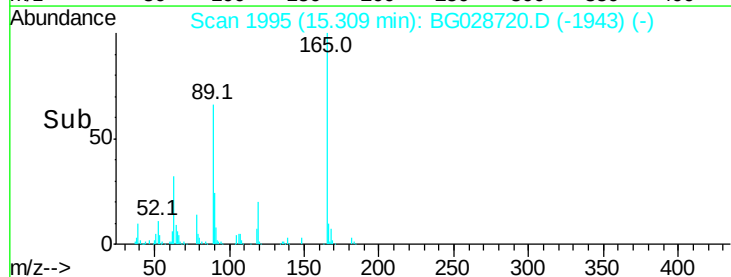
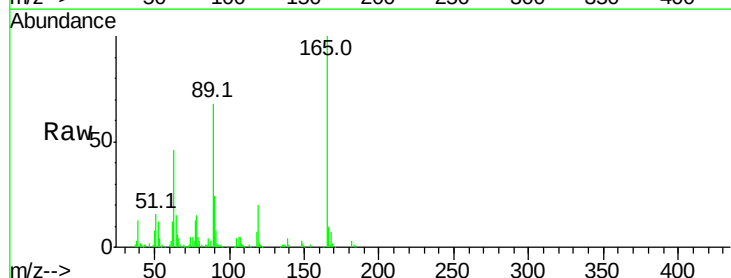
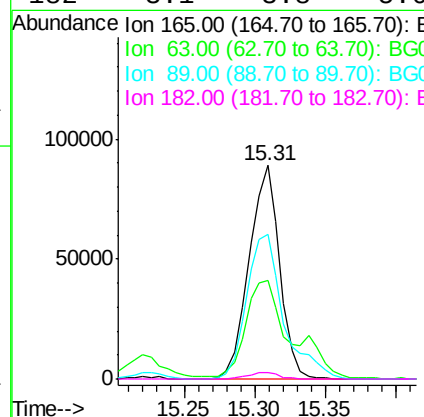
Manual Integrations
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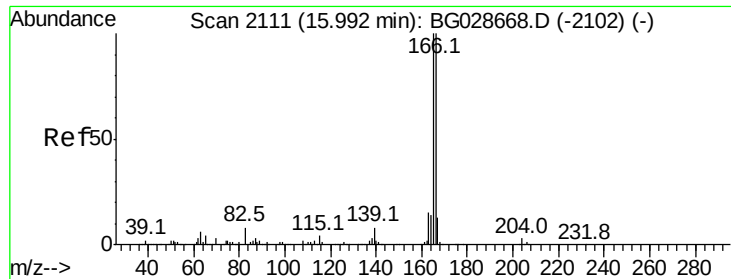
Sohil
9/14/2017 5:54:38 PM



#56
2,4-Dinitrotoluene
Concen: 63.242 ng
RT: 15.31 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.9	44.0	66.0	
89	68.0	67.3	100.9	
182	3.1	3.8	5.6#	





#57

Fluorene

Concen: 58.258 ng

RT: 15.98 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

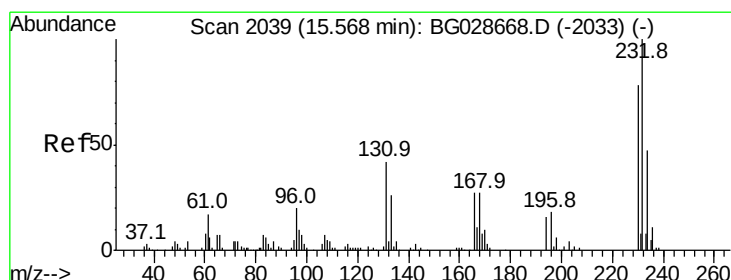
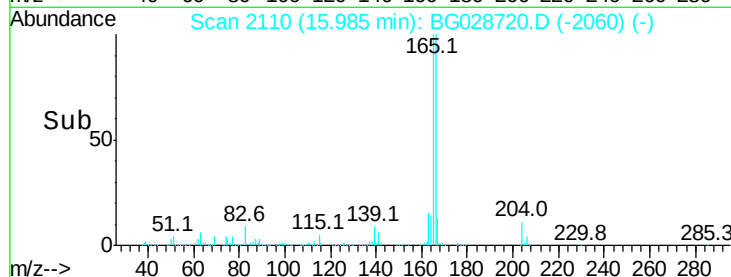
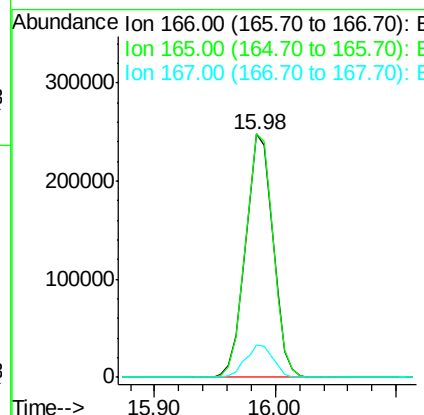
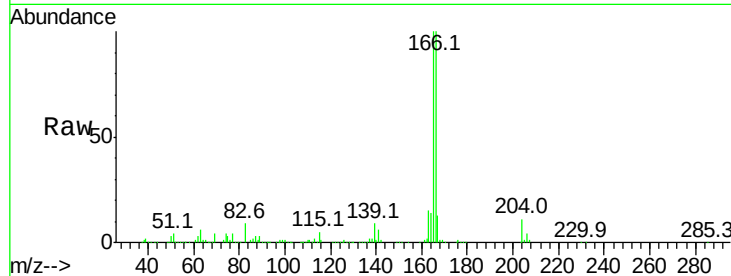
ClientSampled :

S32-9020MS

Tot Ion:	166	Resp:	394878
Ion Ratio	Lower	Upper	
166	100		
165	100.1	78.6	117.8
167	13.1	11.6	17.4

Manual Integrations
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Sohil
9/14/2017 5:54:38 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 67.066 ng

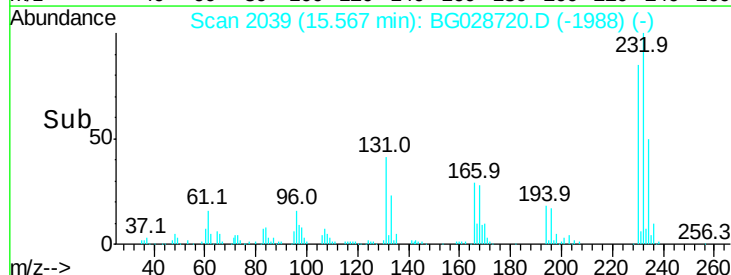
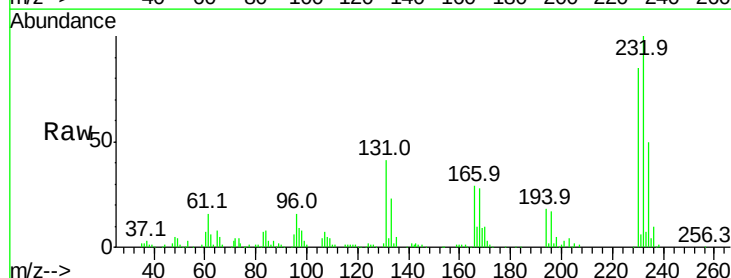
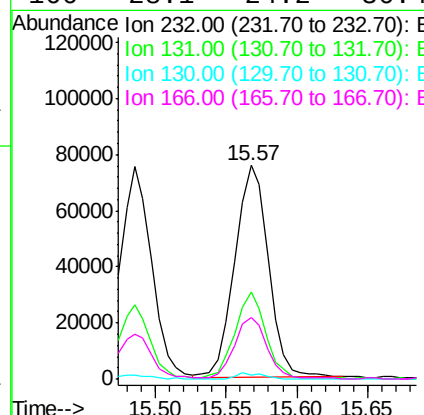
RT: 15.57 min Scan# 2039

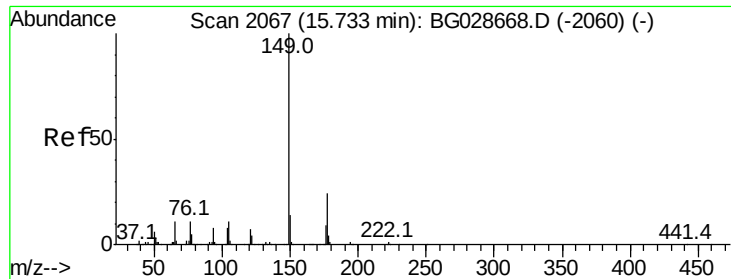
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	232	Resp:	125905
Ion Ratio	Lower	Upper	
232	100		
131	37.5	34.9	52.3
130	2.2	2.3	3.5#
166	28.1	24.2	36.4





#59

Diethylphthalate

Concen: 60.277 ng

RT: 15.74 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

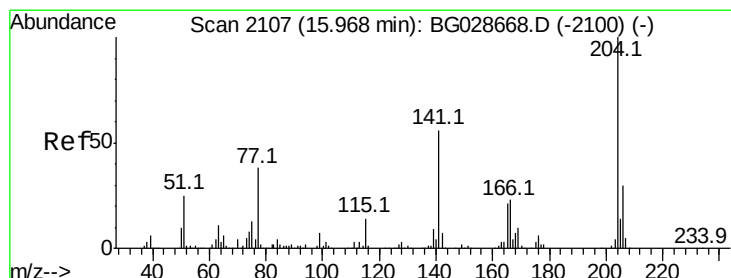
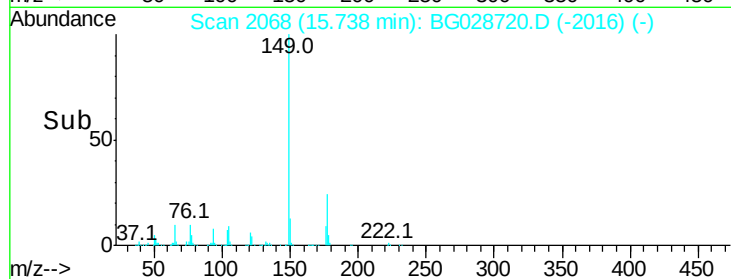
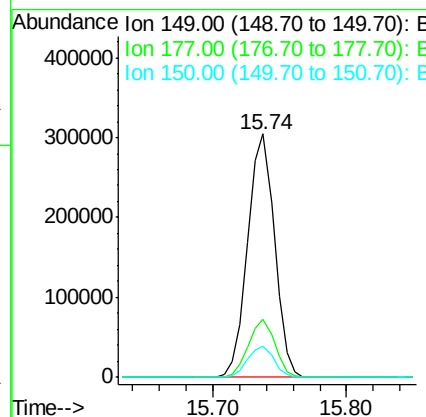
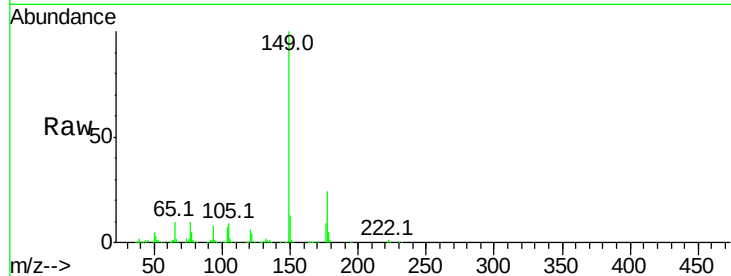
ClientSampled :

S32-9020MS

Tot Ion:	149	Resp:	421942
Ion Ratio	Lower	Upper	
149	100		
177	23.9	20.1	30.1
150	12.8	10.2	15.2

Manual Integrations
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Sohil
9/14/2017 5:54:38 PM



#60

4-Chlorophenyl-phenylether

Concen: 58.218 ng

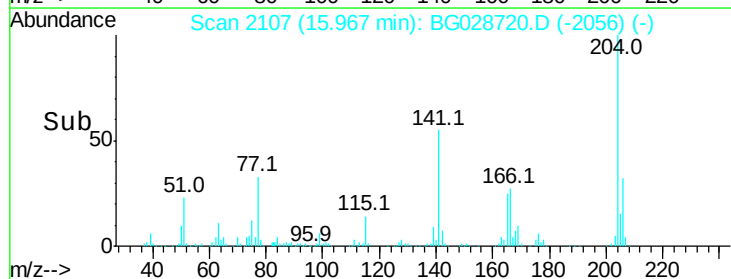
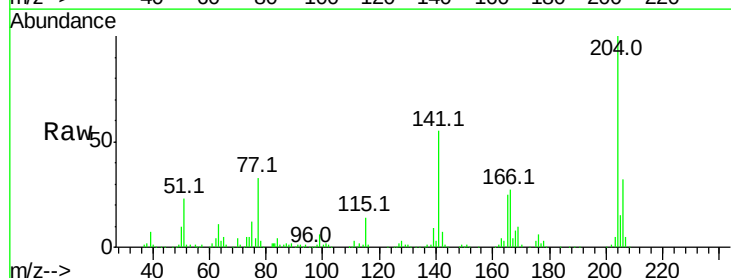
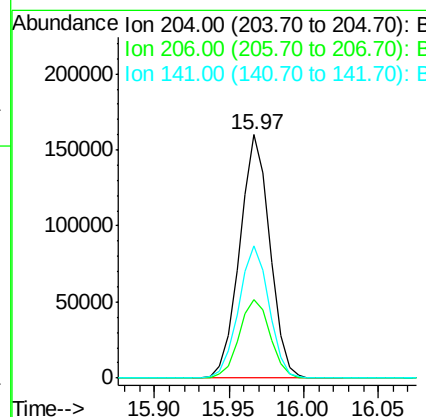
RT: 15.97 min Scan# 2107

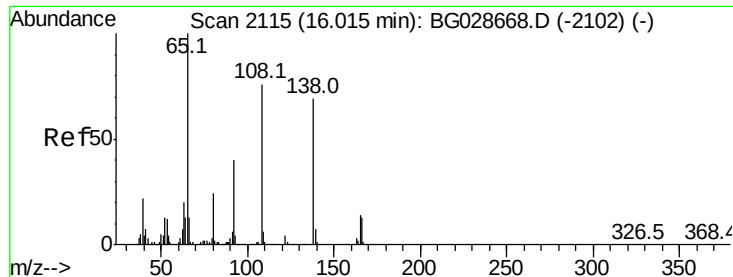
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	204	Resp:	224697
Ion Ratio	Lower	Upper	
204	100		
206	32.1	30.1	45.1
141	54.6	50.6	76.0





#61

4-Nitroaniline

Concen: 61.776 ng

RT: 16.01 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

ClientSampleId :

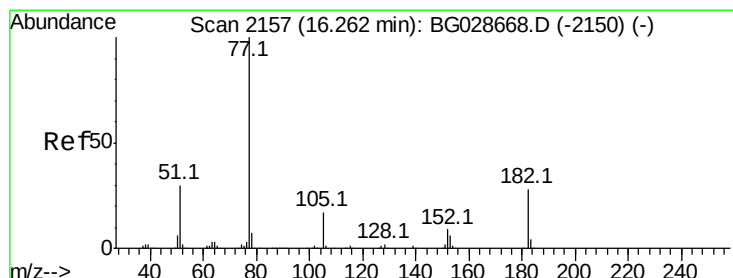
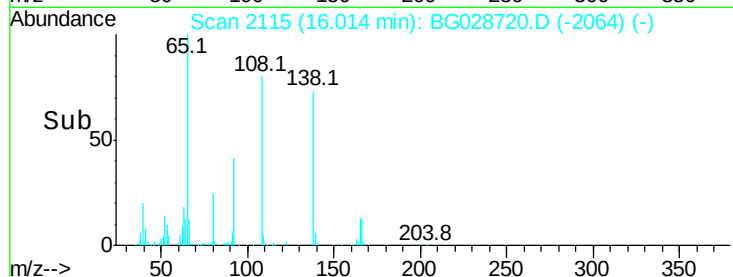
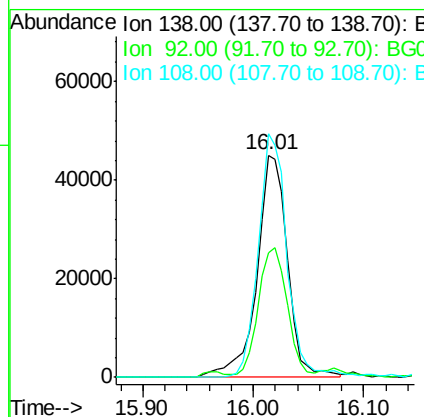
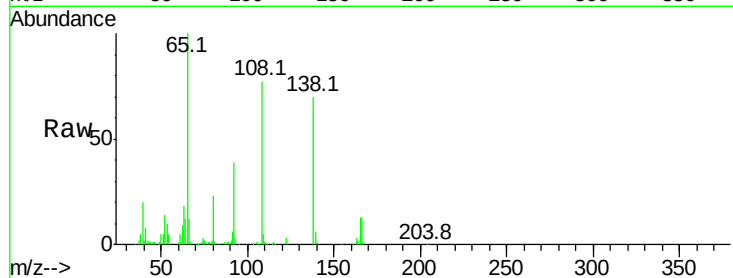
S32-9020MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.2	44.2	84.2
108	109.5	104.8	144.8

Manual Integrations
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Sohil

9/14/2017 5:54:38 PM



#62

Azobenzene

Concen: 62.881 ng

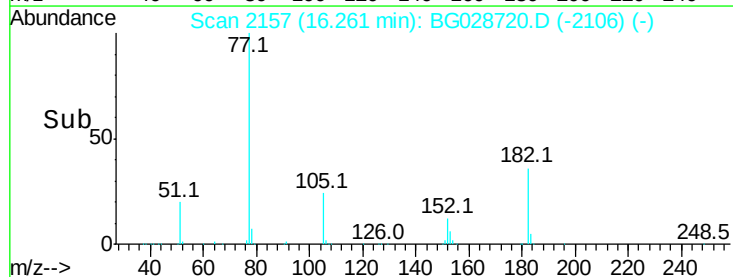
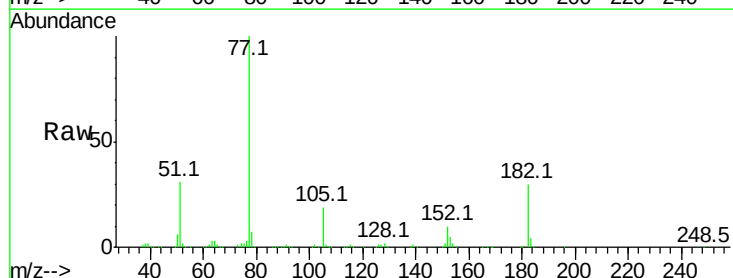
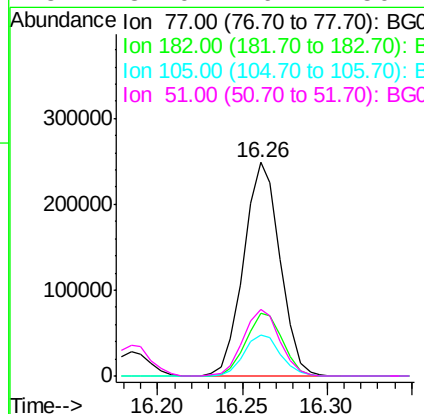
RT: 16.26 min Scan# 2157

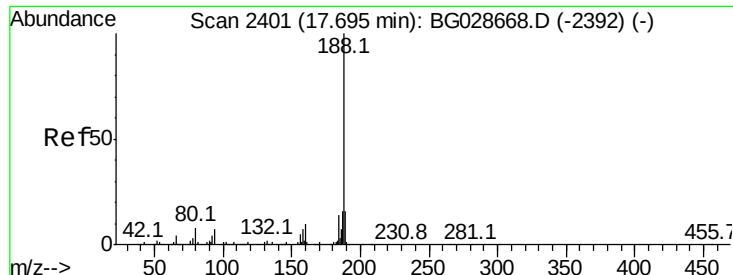
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.5	4.7	44.7
105	19.3	0.0	36.3
51	31.0	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

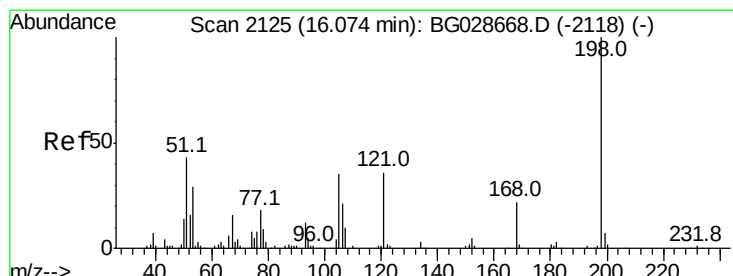
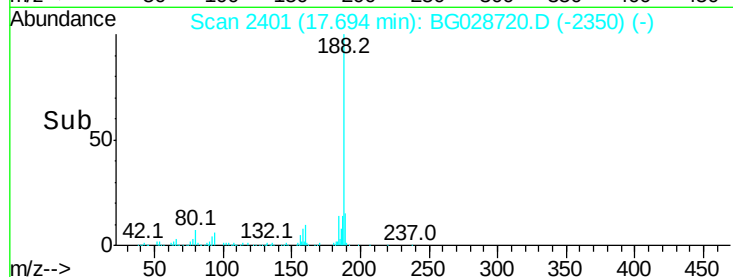
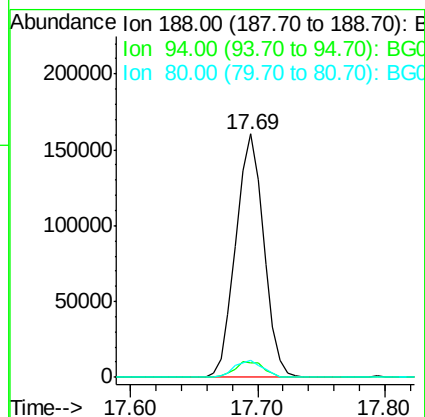
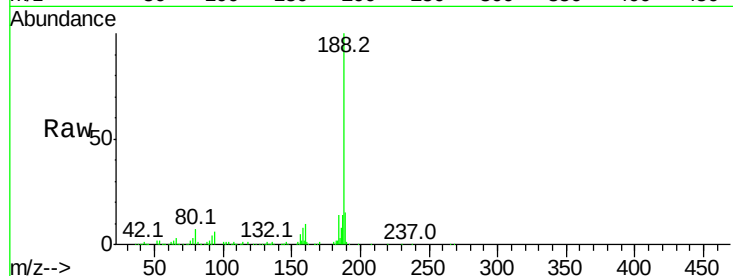
ClientSampleId :

S32-9020MS

Tot Ion:	188	Resp:	245379
Ion Ratio	Lower	Upper	
188	100		
94	6.2	5.8	8.8
80	7.1	7.5	11.3#

Manual Integrations
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Sohil
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#64

4,6-Dinitro-2-methylphenol

Concen: 52.677 ng

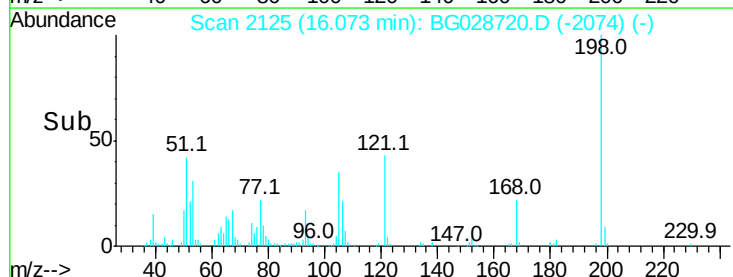
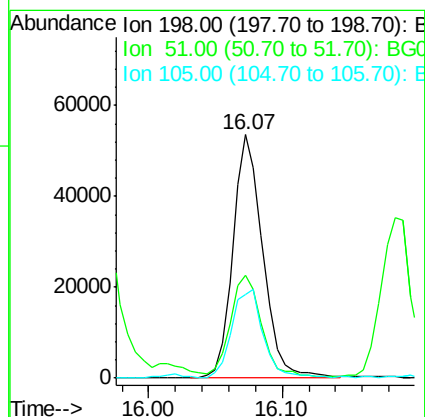
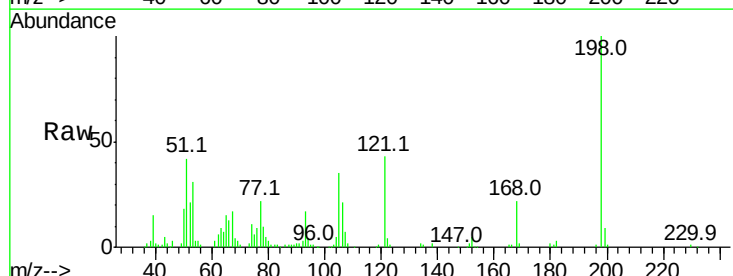
RT: 16.07 min Scan# 2125

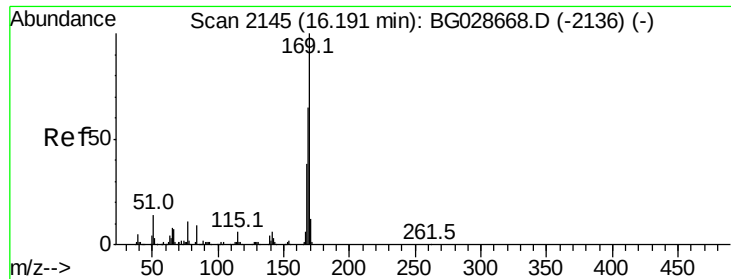
Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	198	Resp:	83406
Ion Ratio	Lower	Upper	
198	100		
51	42.4	22.6	62.6
105	34.5	14.4	54.4





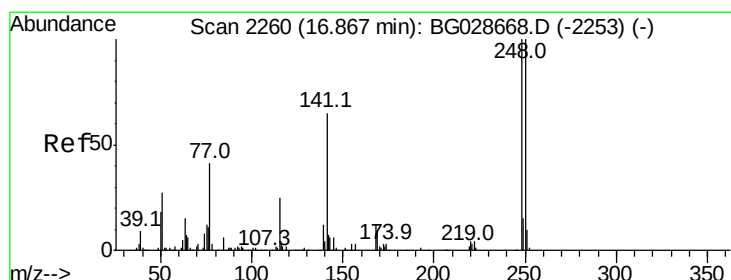
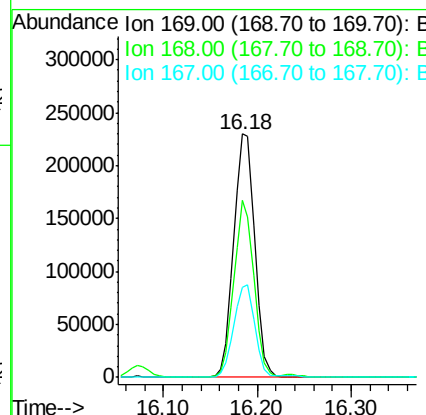
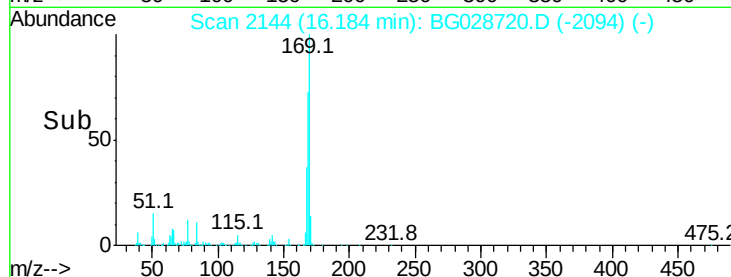
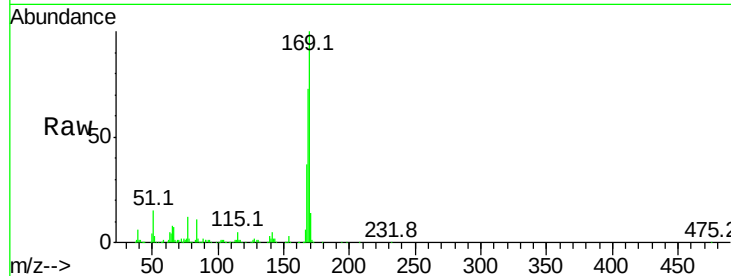
#65
n-Nitrosodiphenylamine
Concen: 50.765 ng
RT: 16.18 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	72.7	55.7	83.5	
167	37.0	29.8	44.6	

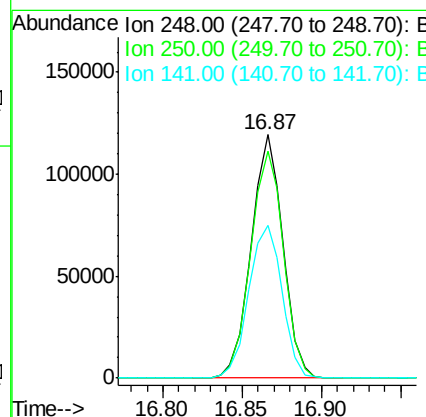
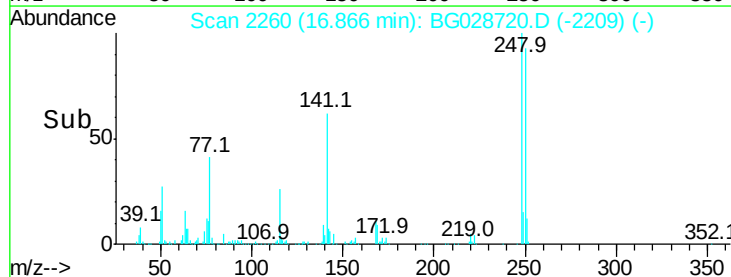
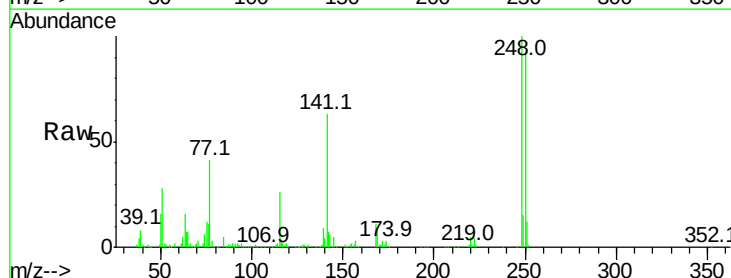
Manual Integrations
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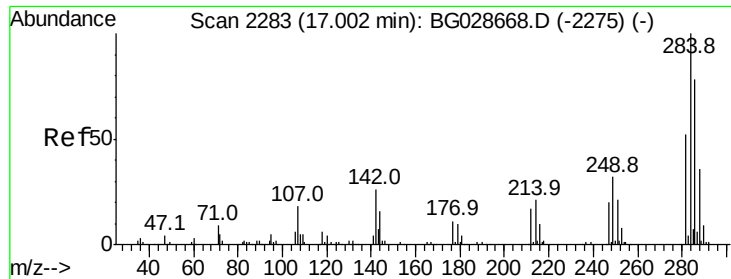
Sohil
9/14/2017 5:54:38 PM



#66
4-Bromophenyl-phenylether
Concen: 52.479 ng
RT: 16.87 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	93.2	75.0	112.6	
141	62.8	55.2	82.8	





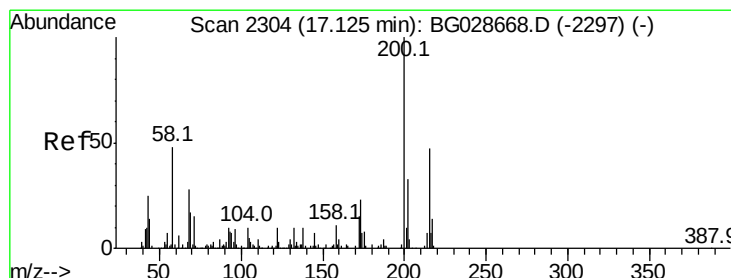
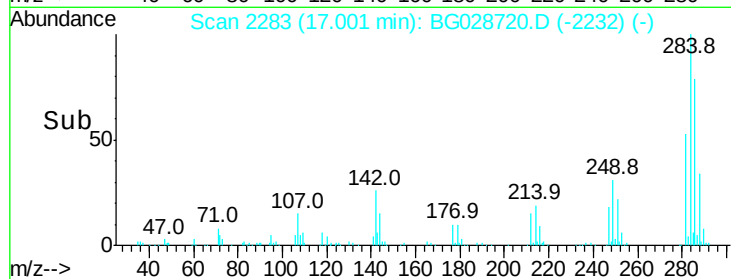
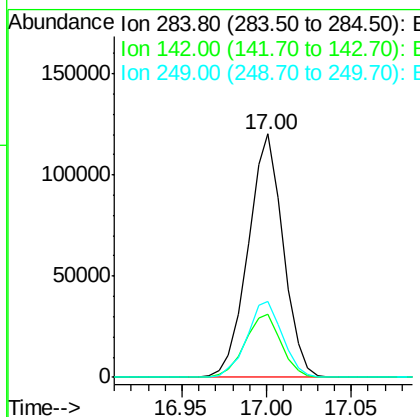
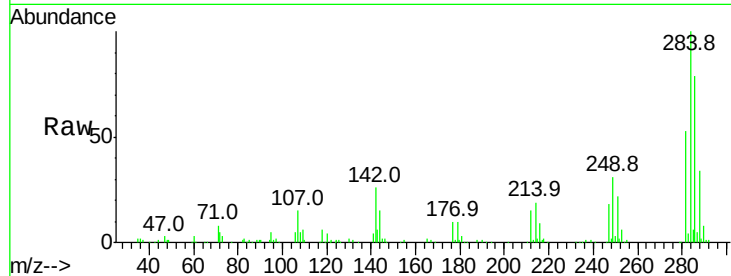
#67
Hexachlorobenzene
Concen: 48.174 ng
RT: 17.00 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	25.8	29.9	44.9#
249	31.4	29.2	43.8

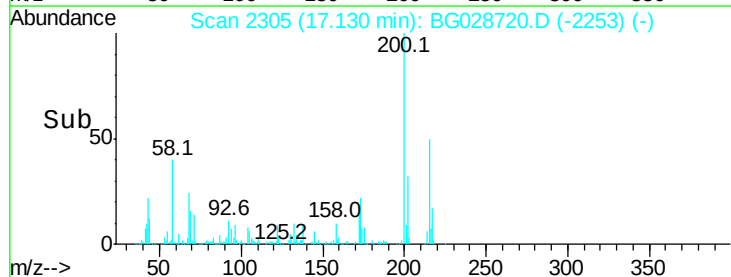
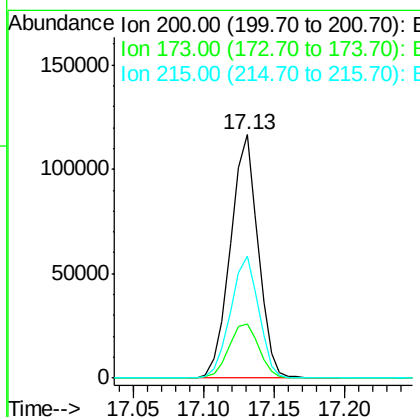
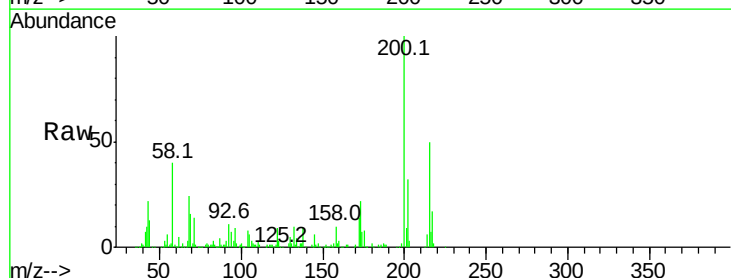
Manual Integrations
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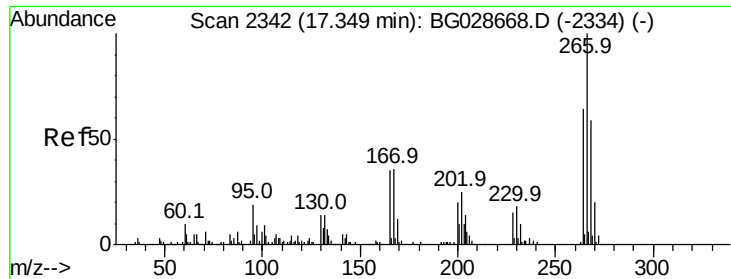
Sohil
9/14/2017 5:54:38 PM



#68
Atrazine
Concen: 52.693 ng
RT: 17.13 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.2	3.0	43.0
215	50.1	28.4	68.4





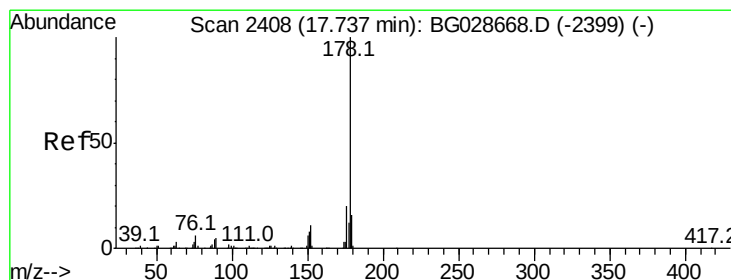
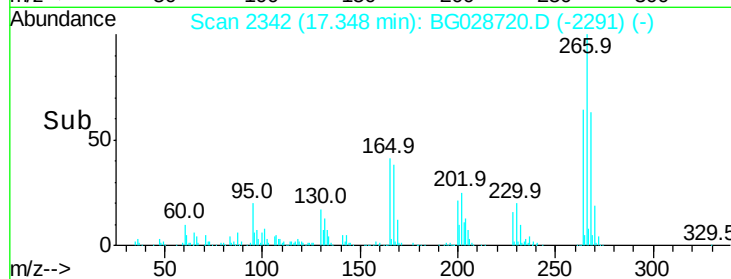
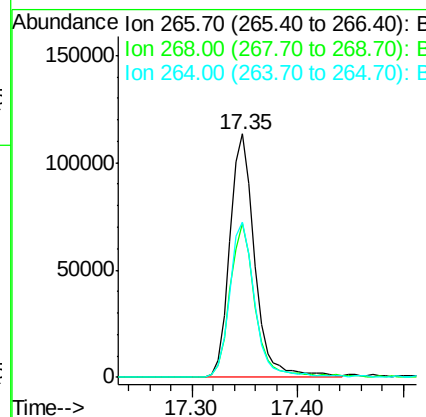
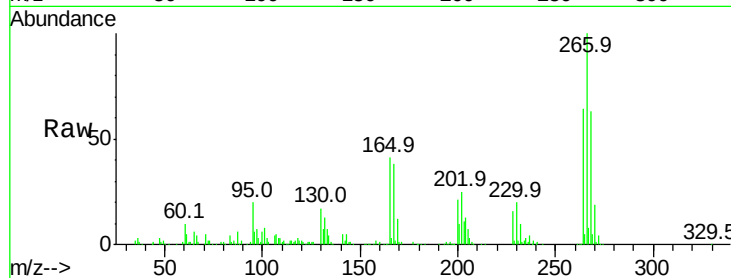
#69
 Pentachlorophenol
 Concen: 114.281 ng
 RT: 17.35 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	185551		
268	63.4	48.6	72.8	
264	63.9	50.1	75.1	

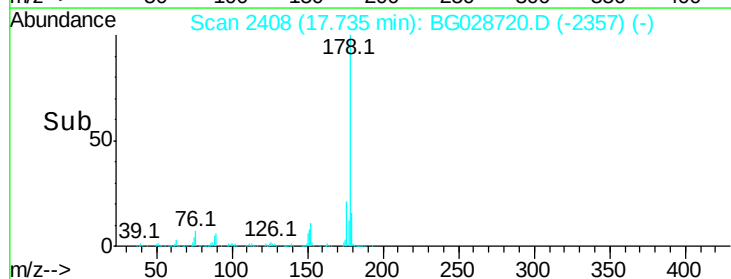
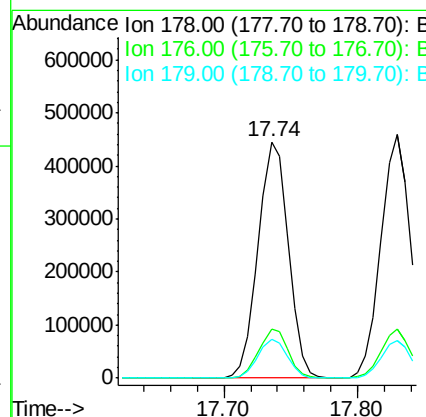
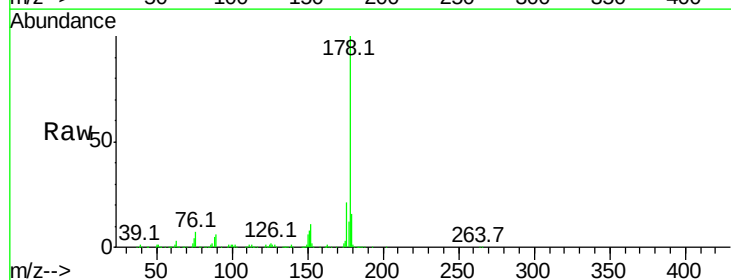
Manual Integrations
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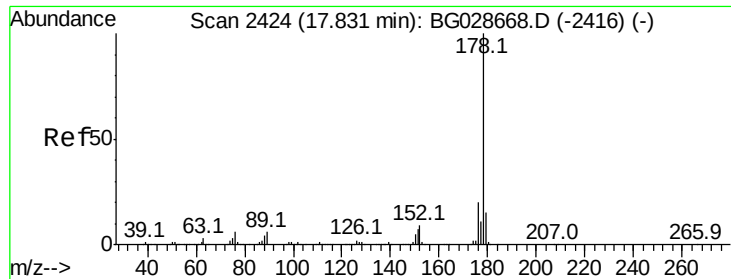
Sohil
 9/14/2017 5:54:38 PM



#70
 Phenanthrene
 Concen: 55.402 ng
 RT: 17.74 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	695195		
176	20.7	17.7	26.5	
179	16.3	15.0	22.6	





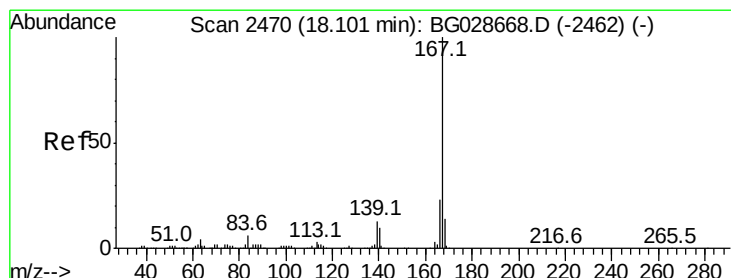
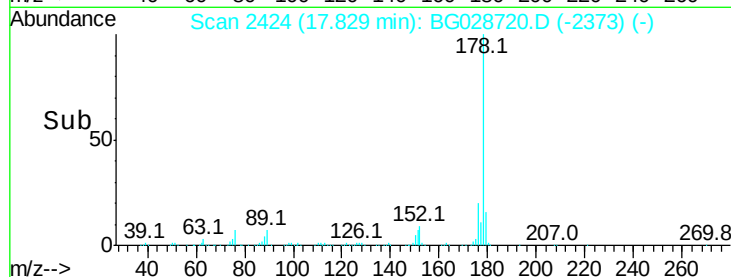
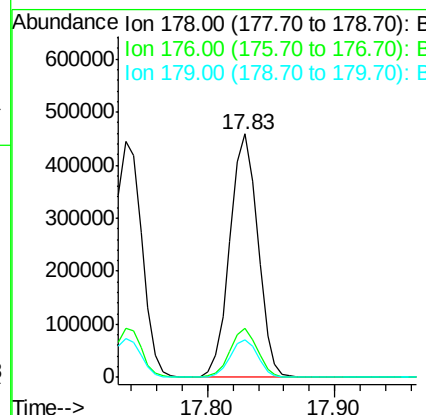
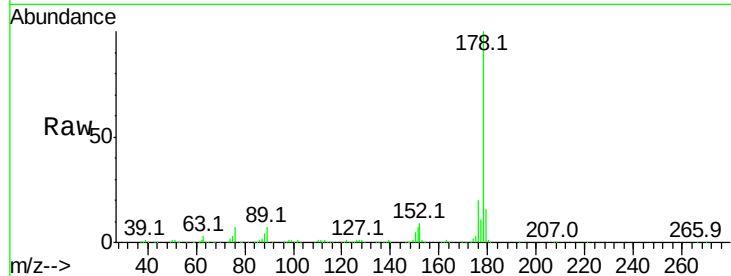
#71
 Anthracene
 Concen: 55.173 ng
 RT: 17.83 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	15.6	13.8	20.8

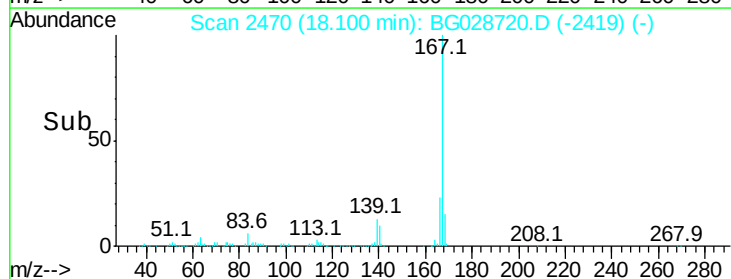
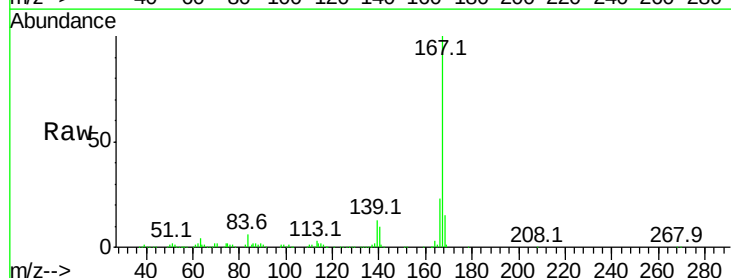
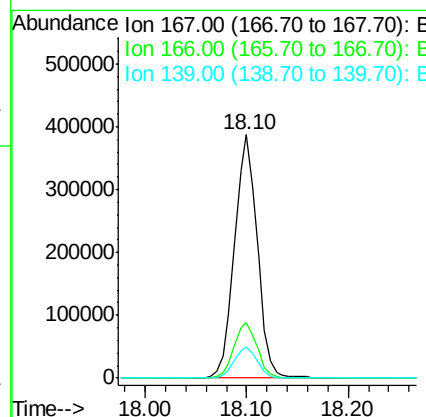
Manual Integrations
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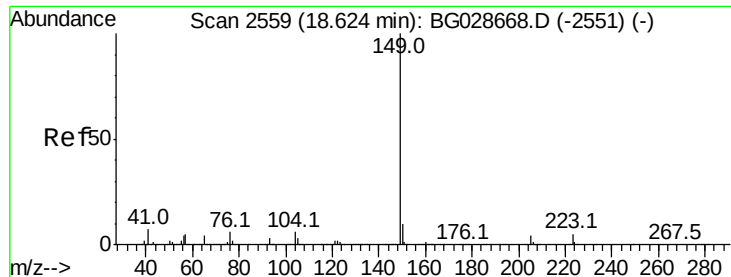
Sohil
 9/14/2017 5:54:38 PM



#72
 Carbazole
 Concen: 52.884 ng
 RT: 18.10 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	20.2	30.2
139	13.0	12.8	19.2





#73

Di-n-butylphthalate

Concen: 53.525 ng

RT: 18.62 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

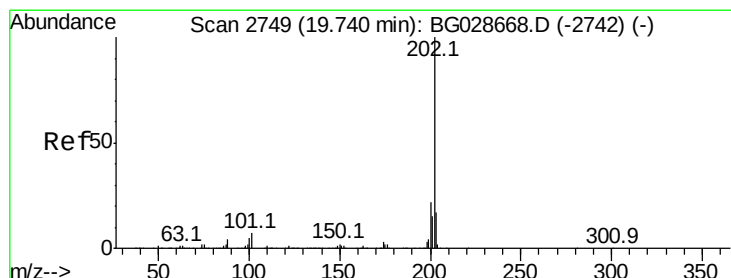
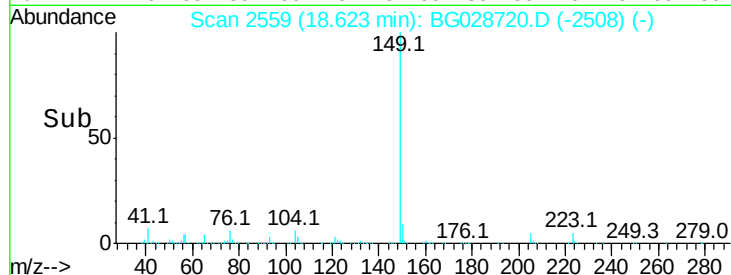
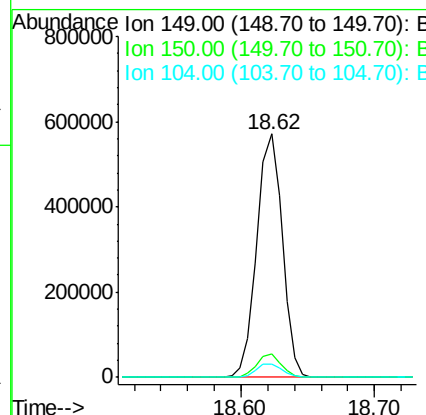
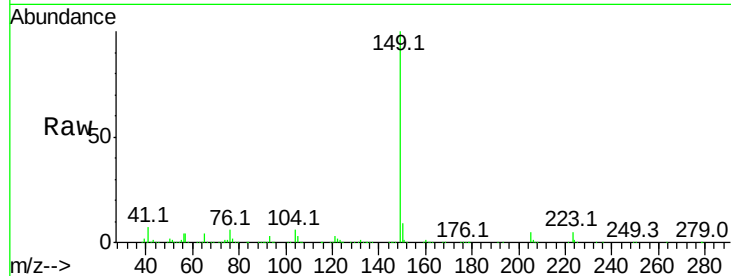
ClientSampleId :

S32-9020MS

Tot Ion:	149	Resp:	749254
Ion Ratio	Lower	Upper	
149	100		
150	9.4	9.1	13.7
104	5.5	6.7	10.1

Manual Integrations
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9/14/2017 5:54:38 PM



#74

Fluoranthene

Concen: 55.888 ng

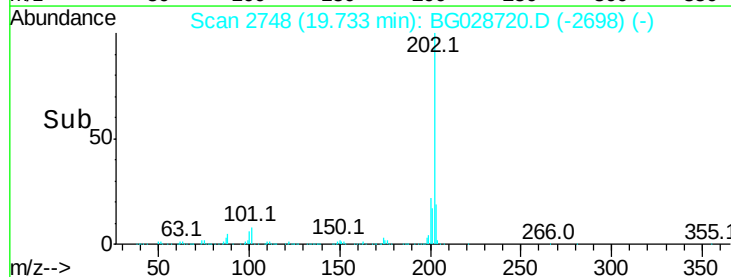
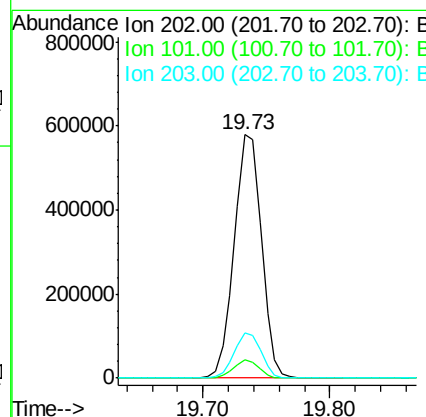
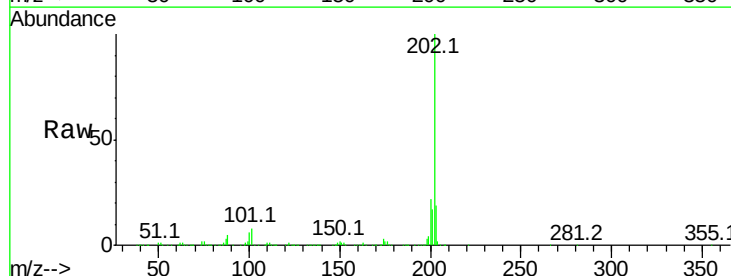
RT: 19.73 min Scan# 2748

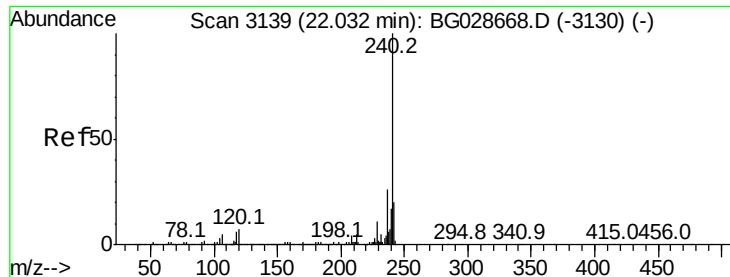
Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion:	202	Resp:	856293
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	30.1
203	18.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Instrument :

BNA_G

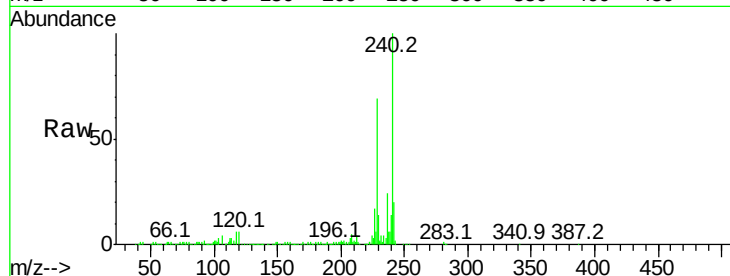
ClientSampleId :

S32-9020MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	24.4	22.2	33.4

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.02

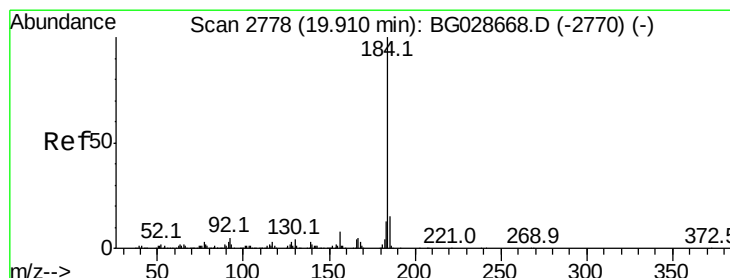
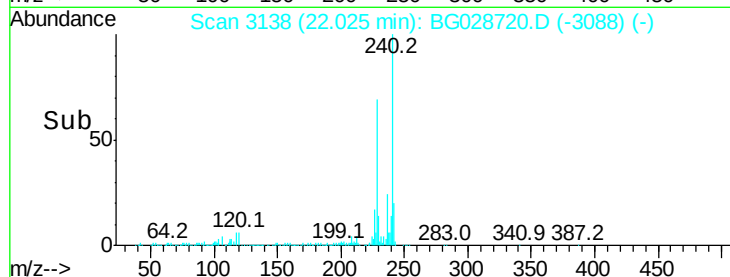
150000

100000

50000

0

Time-->



#76

Benzidine

Concen: 5.464 ng

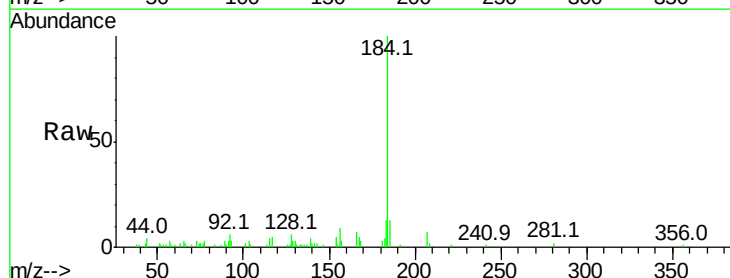
RT: 19.91 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG028720.D

Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.6	13.0	19.6#
183	13.2	11.0	16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.91

20000

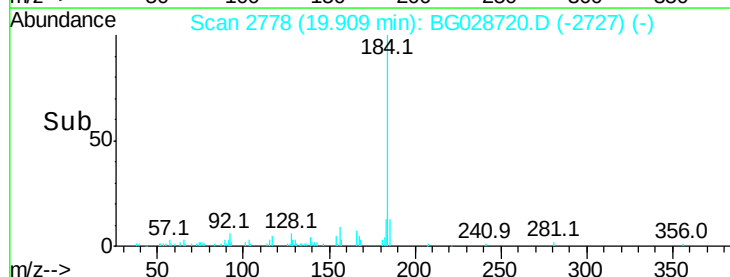
15000

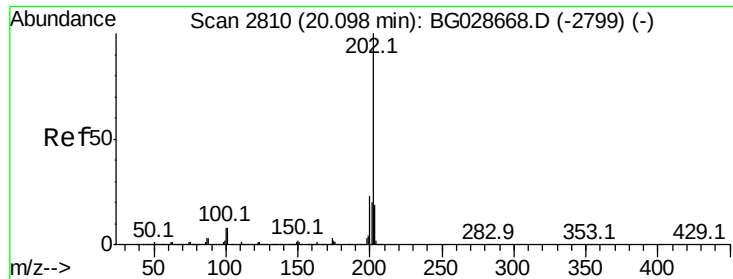
10000

5000

0

Time-->





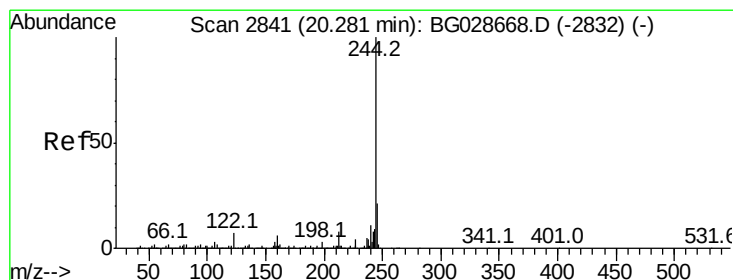
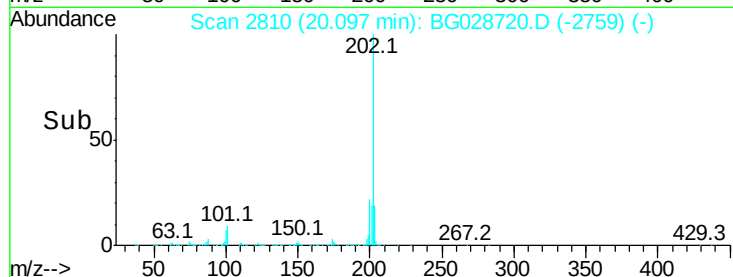
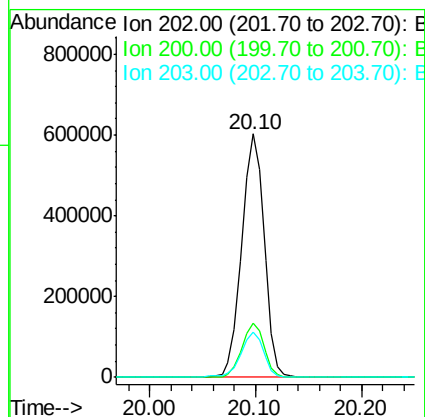
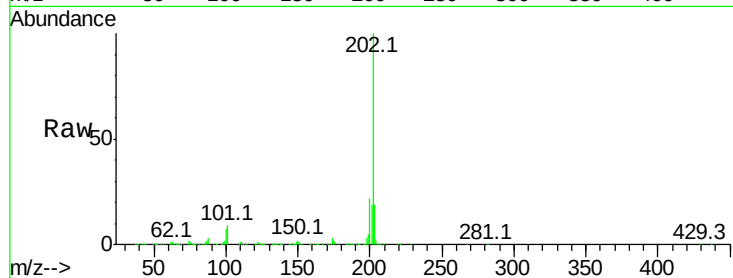
#77
Pvrene
Concen: 54.974 ng
RT: 20.10 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.1	19.6	29.4	
203	18.7	15.8	23.8	

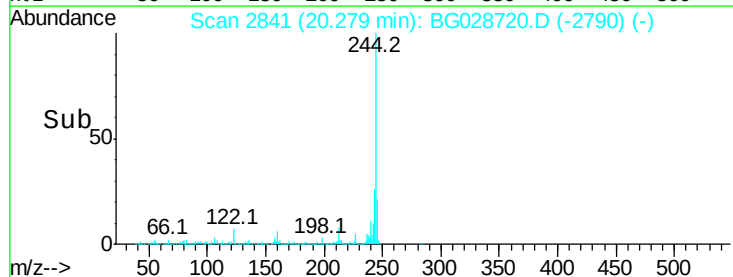
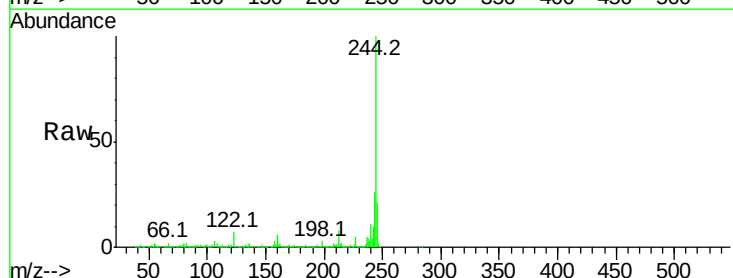
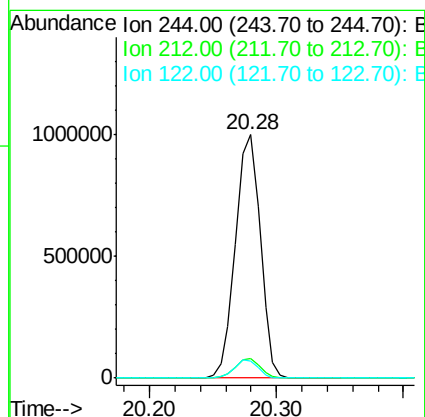
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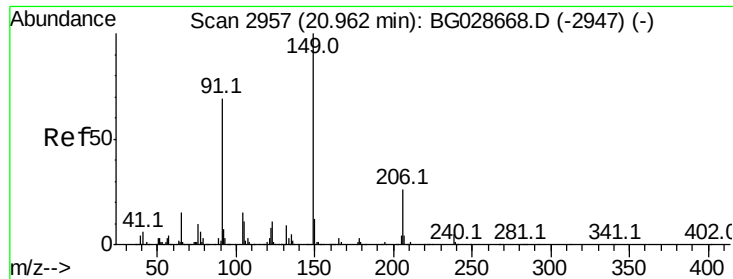
Sohil
9/14/2017 5:54:38 PM



#78
Terphenyl-d14
Concen: 103.595 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.0	10.0	15.0#	
122	6.9	8.6	12.8#	





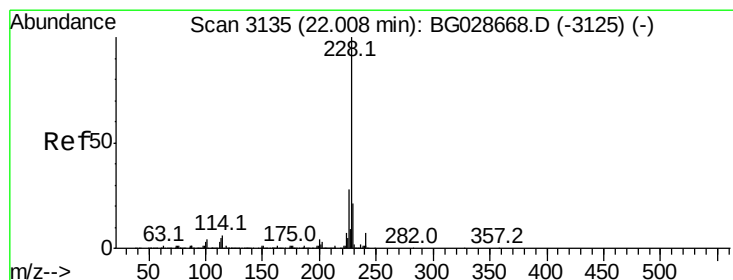
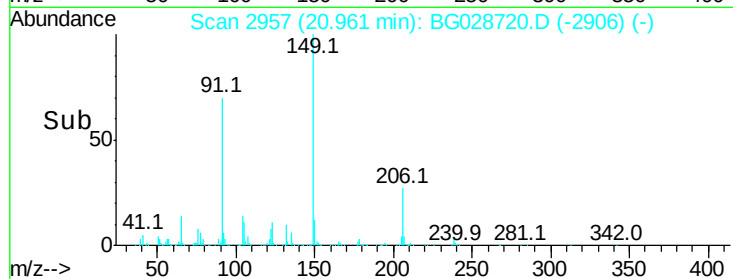
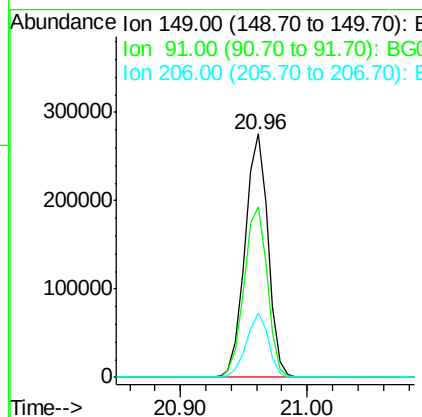
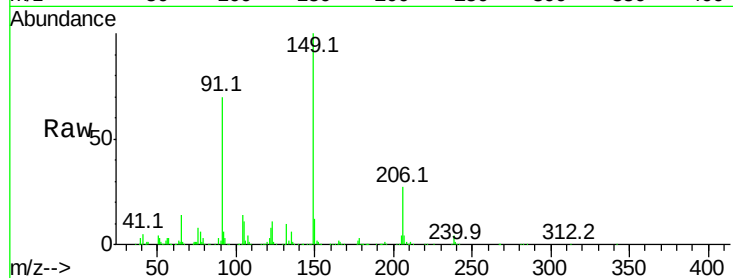
#79
Butylbenzylphthalate
Concen: 53.286 ng
RT: 20.96 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.3	63.5	95.3	
206	26.6	21.0	31.6	

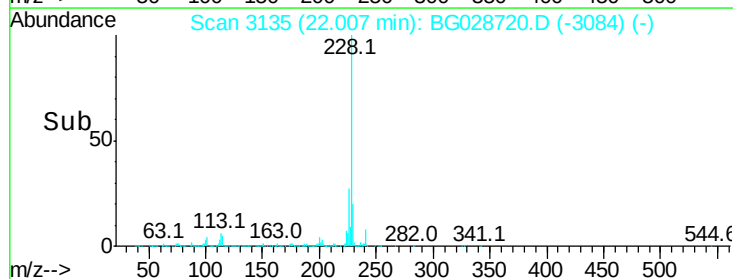
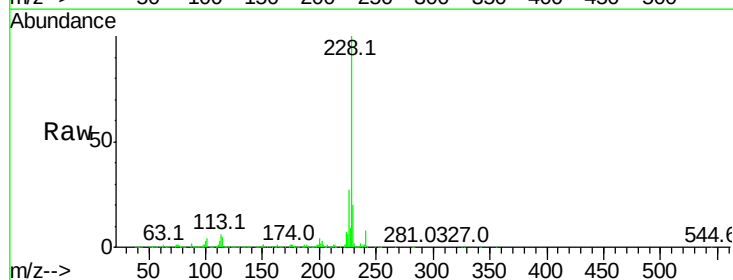
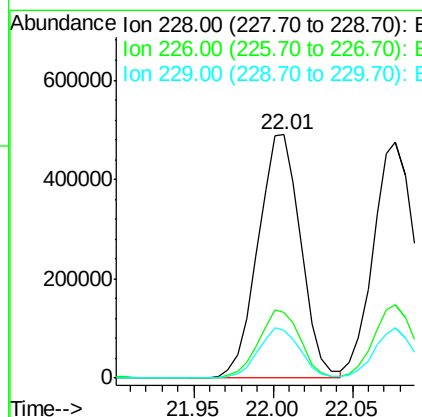
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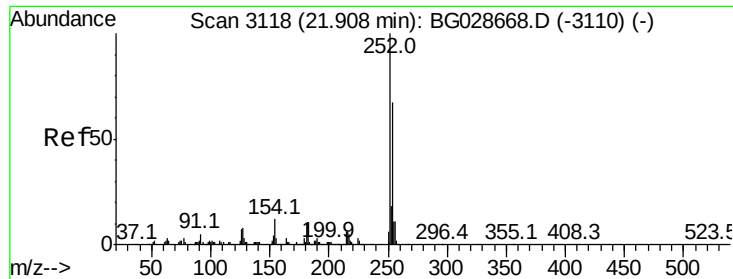
Sohil
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#80
Benzo(a)anthracene
Concen: 54.690 ng
RT: 22.01 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.2	24.9	37.3	
229	19.7	18.2	27.2	





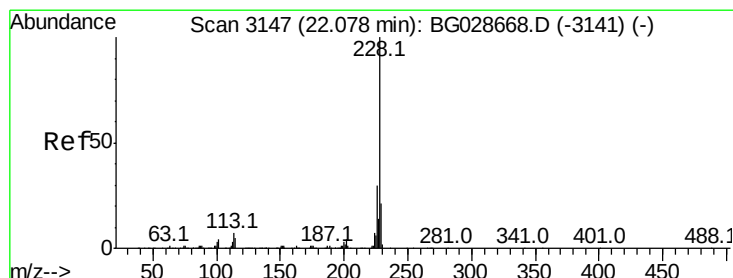
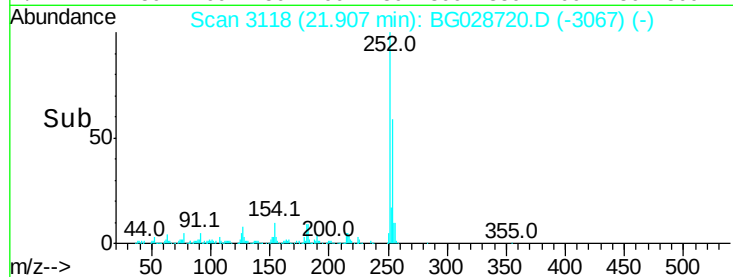
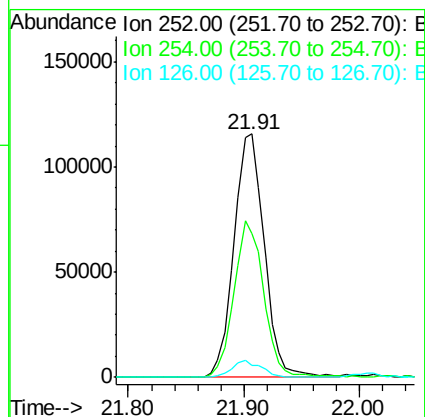
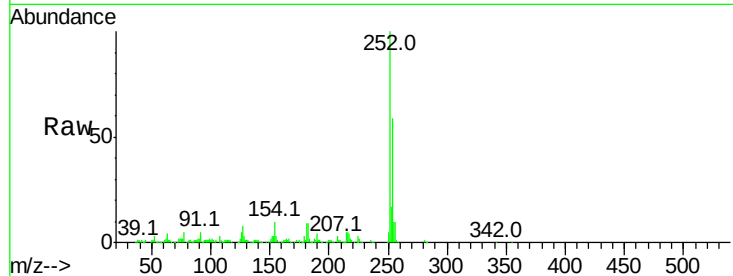
#81
 3,3'-Dichlorobenzidine
 Concen: 31.033 ng
 RT: 21.91 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	58.8	53.1	79.7
126	4.7	7.0	10.4

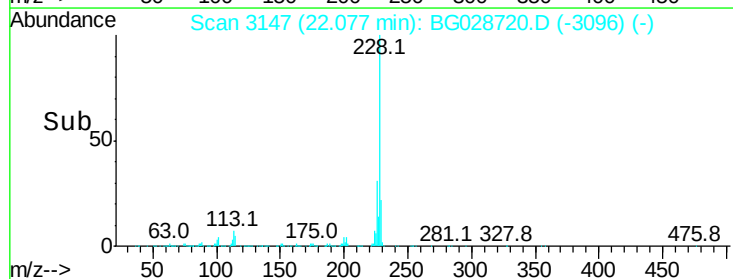
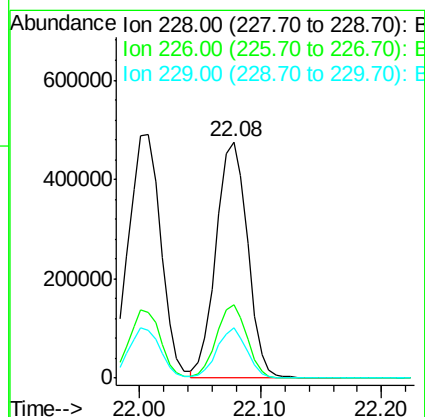
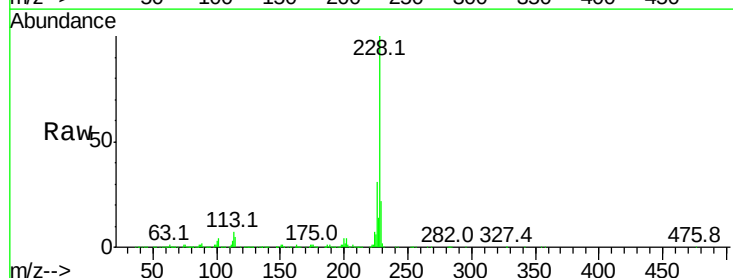
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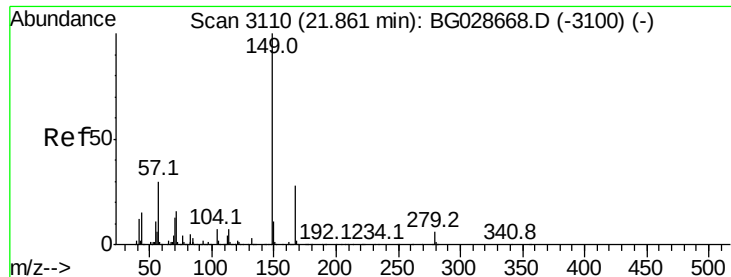
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#82
 Chrysene
 Concen: 53.712 ng
 RT: 22.08 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	27.0	40.4
229	21.6	17.8	26.6





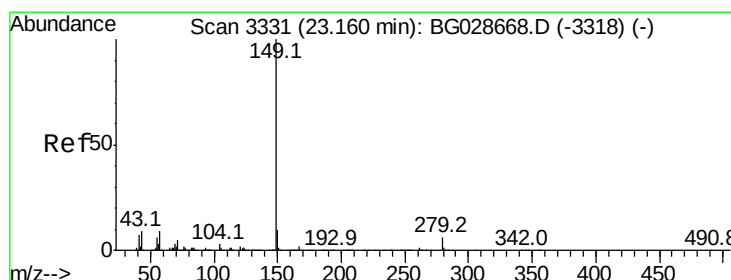
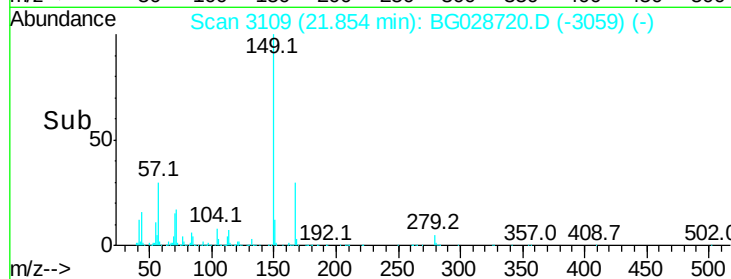
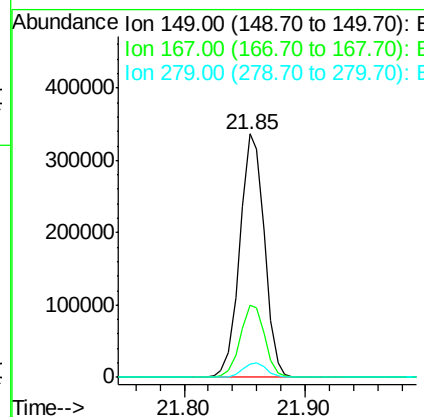
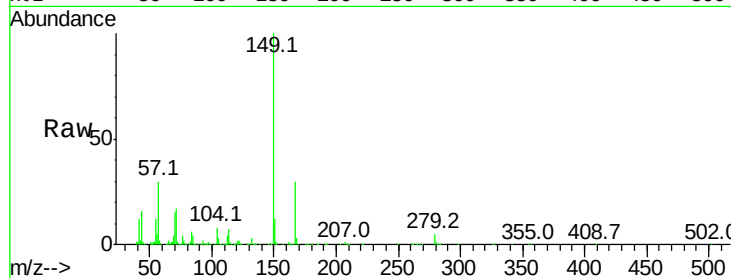
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.738 ng
 RT: 21.85 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.5	4.6	6.8

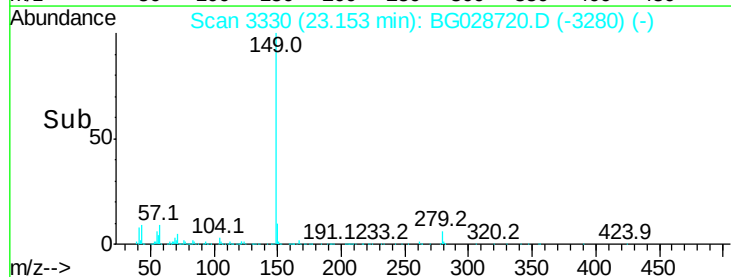
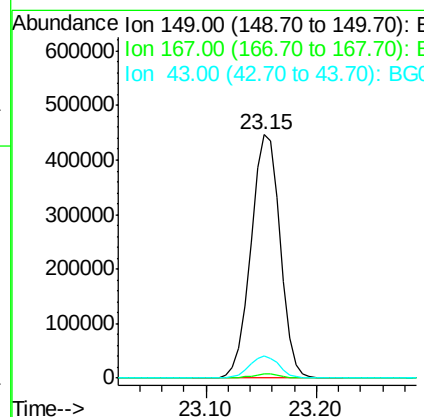
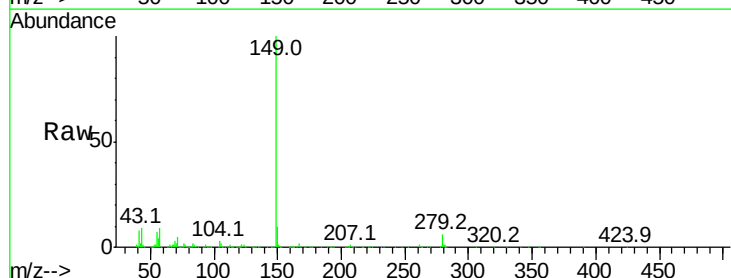
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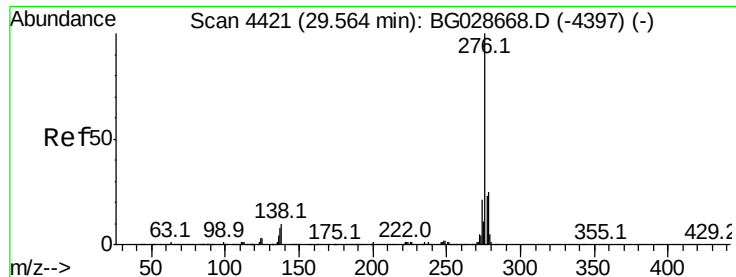
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#84
 Di-n-octyl phthalate
 Concen: 51.438 ng
 RT: 23.15 min Scan# 3330
 Delta R.T. -0.01 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	8.8	11.8	17.6#





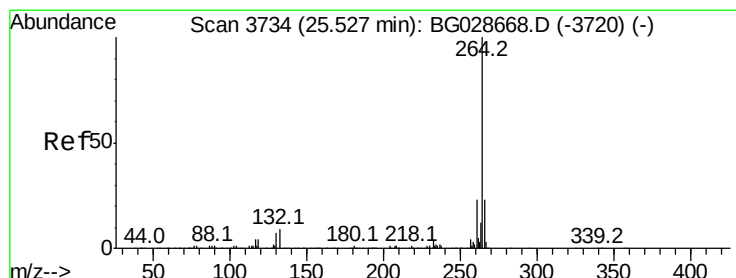
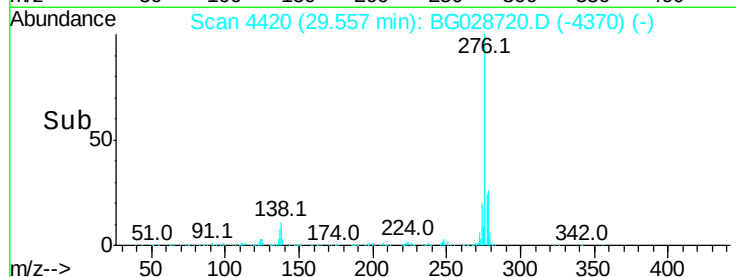
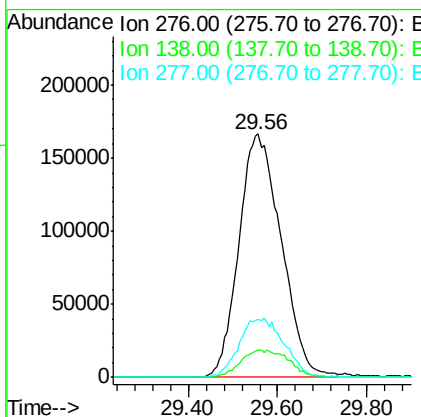
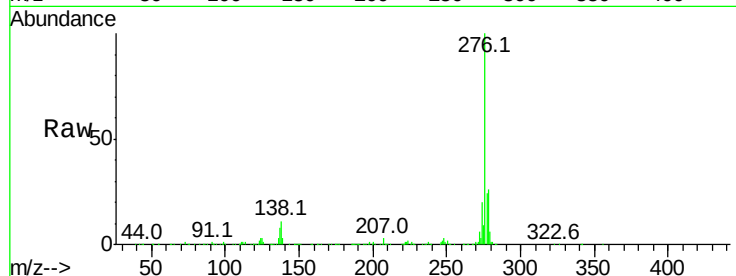
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.480 ng
 RT: 29.56 min Scan# 4420
 Delta R.T. -0.01 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.2	4.7	7.1
277	25.5	20.6	31.0

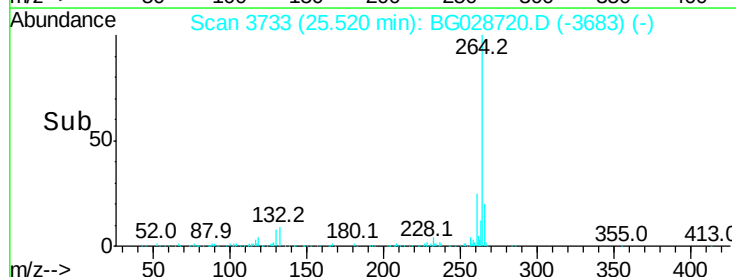
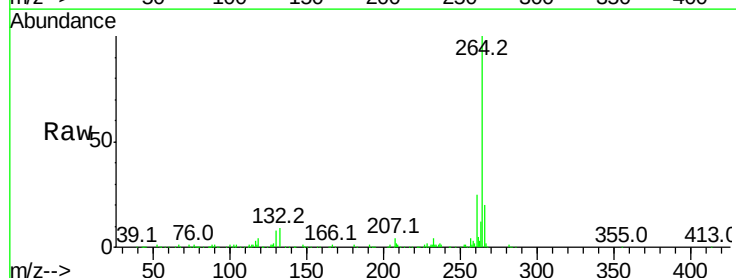
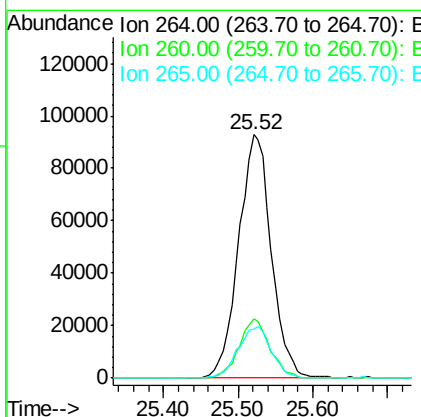
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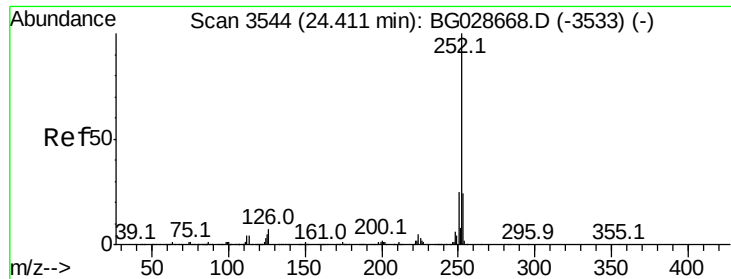
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.01 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	20.1	18.2	27.4





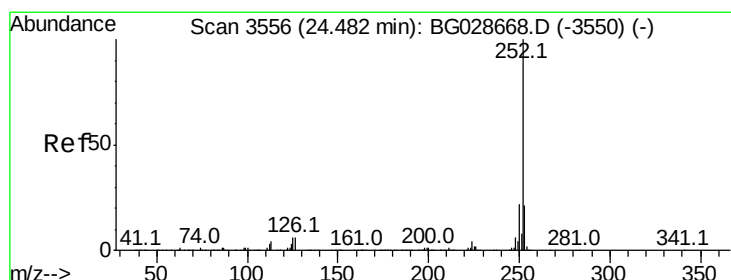
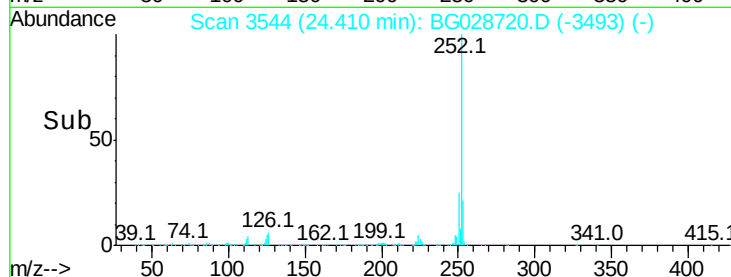
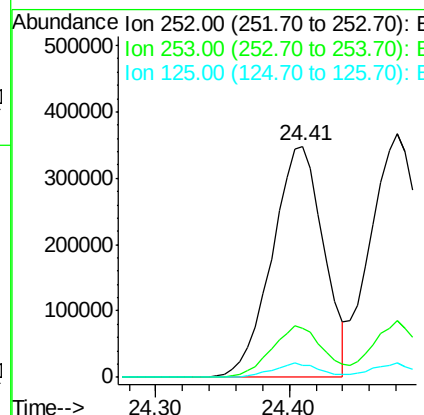
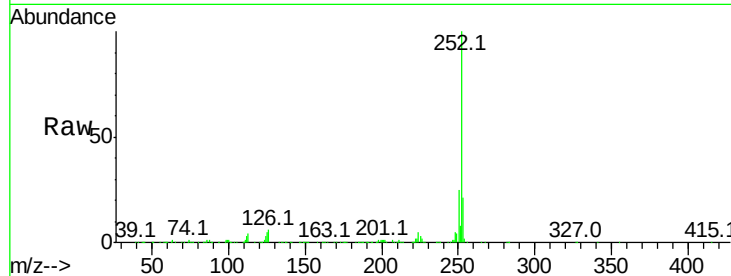
#87
Benzo(b)fluoranthene
Concen: 55.227 ng
RT: 24.41 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	5.4	5.3	7.9

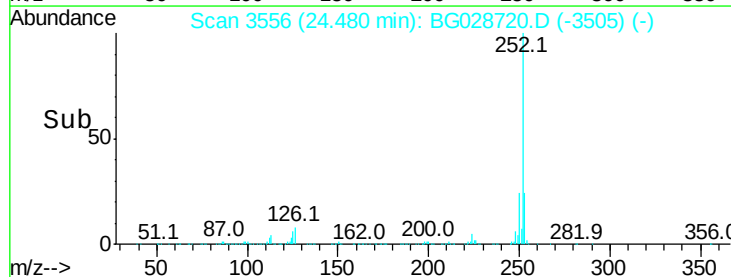
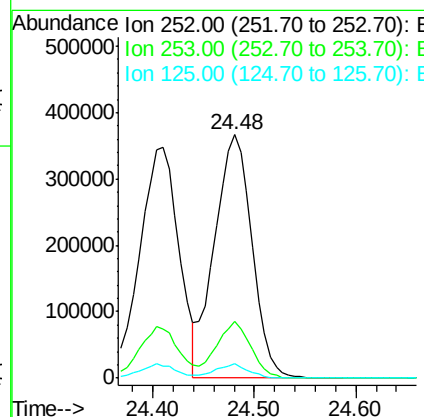
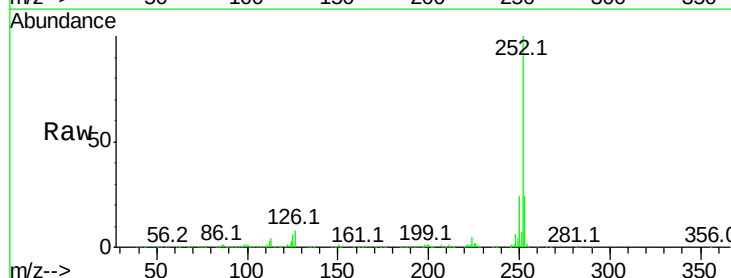
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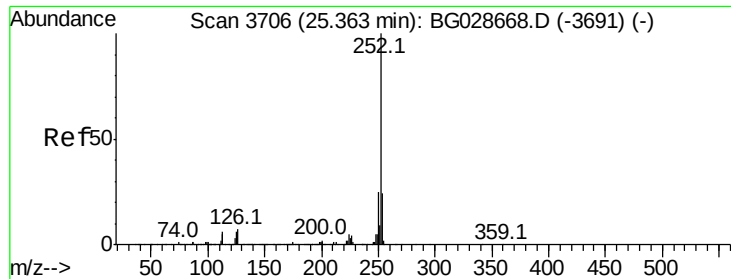
Sohil
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#88
Benzo(k)fluoranthene
Concen: 55.700 ng
RT: 24.48 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.2	30.2
125	5.8	5.1	7.7





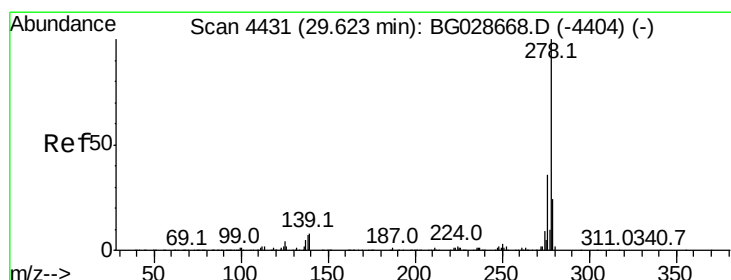
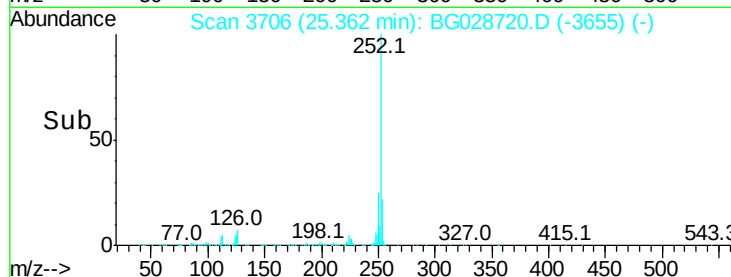
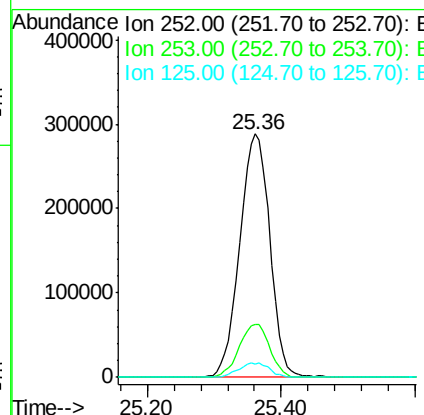
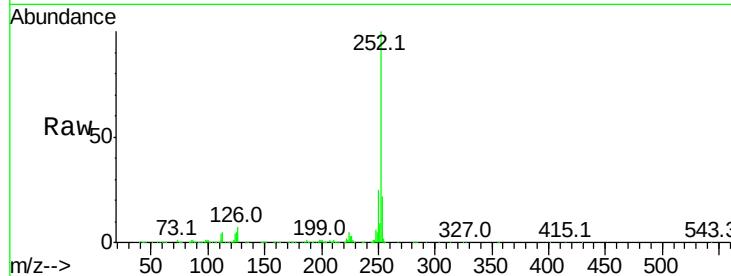
#89
Benzo(a)pyrene
Concen: 56.051 ng
RT: 25.36 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.2	28.8
125	5.5	5.4	8.0

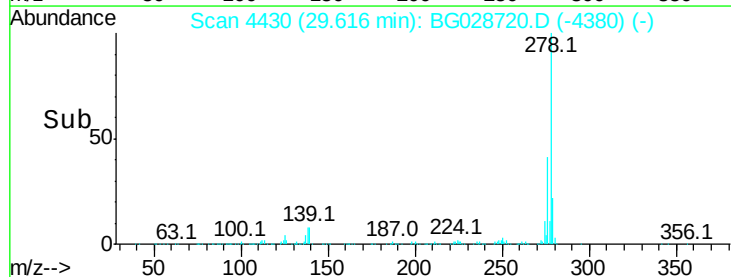
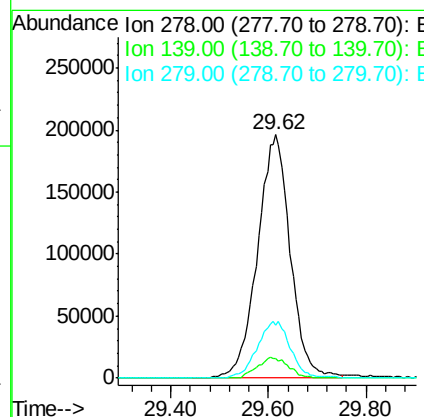
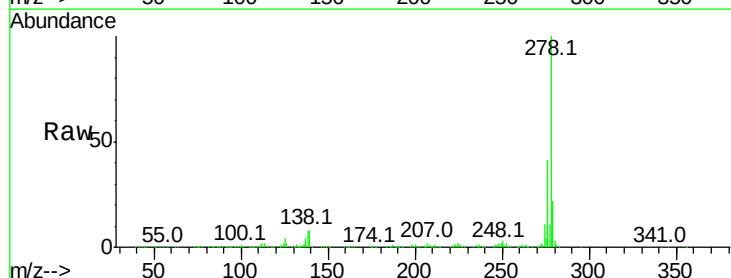
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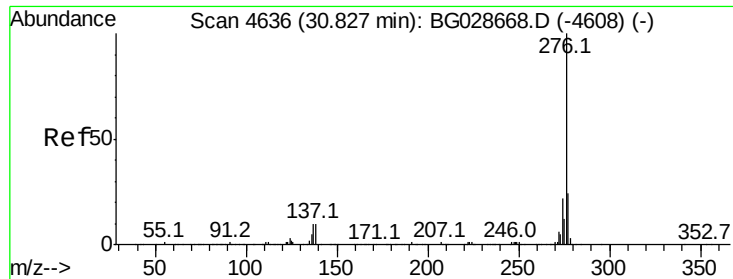
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 54.972 ng
RT: 29.62 min Scan# 4430
Delta R.T. -0.01 min
Lab File: BG028720.D
Acq: 14 Sep 2017 6:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.2	7.7	11.5
279	21.9	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 55.679 ng
 RT: 30.82 min Scan# 4635
 Delta R.T. -0.01 min
 Lab File: BG028720.D
 Acq: 14 Sep 2017 6:44

Instrument :
 BNA_G
 ClientSampleId :
 S32-9020MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	9.9	8.1	12.1

Manual Integrations
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