

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028681.D
 Acq On : 12 Sep 2017 22:29
 Operator : SJ/JU
 Sample : I5123-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Manual Integrations
 APPROVED

Sohil
 9/13/2017 6:00:13 PM

Quant Time: Sep 13 05:05:49 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	28290	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	118702	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	91470	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	251031	20.00	ng	0.00
75) Chrysene-d12	22.03	240	284634	20.00	ng	0.00
86) Perylene-d12	25.53	264	273796	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	208298	121.49	ng	0.00
7) Phenol-d6	7.49	99	318251	123.29	ng	0.00
23) Nitrobenzene-d5	9.50	82	208306	83.95	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	187606	124.01	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	520370	75.86	ng	0.00
78) Terphenyl-d14	20.28	244	976051	73.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	22441	32.322	ng	97
3) Pyridine	4.23	79	59595	30.090	ng	95
4) n-Nitrosodimethylamine	4.15	42	36260	40.247	ng	# 80
6) Aniline	7.66	93	87391	29.089	ng	96
8) 2-Chlorophenol	7.89	128	77892	40.754	ng	91
9) Benzaldehyde	7.48	77	10667	6.661	ng	# 86
10) Phenol	7.51	94	128760	47.264	ng	89
11) bis(2-Chloroethyl)ether	7.74	93	75253	38.475	ng	96
12) 1,3-Dichlorobenzene	8.22	146	81148	39.429	ng	92
13) 1,4-Dichlorobenzene	8.36	146	82524	38.995	ng	93
14) 1,2-Dichlorobenzene	8.69	146	81002	38.743	ng	97
15) Benzyl Alcohol	8.57	79	87942	43.641	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.85	45	136153	38.302	ng	98
17) 2-Methylphenol	8.77	107	75896	42.633	ng	93
18) Hexachloroethane	9.42	117	30508	39.333	ng	97
19) n-Nitroso-di-n-propylamine	9.12	70	72599	39.674	ng	89
20) 3+4-Methylphenols	9.10	107	105427	42.340	ng	97
22) Acetophenone	9.15	105	129999	37.456	ng	# 90
24) Nitrobenzene	9.54	77	107789	39.229	ng	95
25) Isophorone	10.06	82	201728	40.179	ng	99
26) 2-Nitrophenol	10.26	139	45245	38.690	ng	# 88
27) 2,4-Dimethylphenol	10.30	122	90848	42.500	ng	98
28) bis(2-Chloroethoxy)methane	10.53	93	108442	39.773	ng	96
29) 2,4-Dichlorophenol	10.80	162	92013	43.263	ng	93
30) 1,2,4-Trichlorobenzene	11.01	180	93815	38.666	ng	94
31) Naphthalene	11.20	128	248765	40.126	ng	98
32) Benzoic acid	10.41	122	4620	8.743	ng	# 50
33) 4-Chloroaniline	11.32	127	62037	23.887	ng	92
34) Hexachlorobutadiene	11.47	225	65741	36.787	ng	97
35) Caprolactam	12.08	113	35671	46.771	ng	# 73
36) 4-Chloro-3-methylphenol	12.42	107	117532	42.463	ng	98
37) 2-Methylnaphthalene	12.78	142	200517	43.321	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	127381	33.869	ng	98
40) Hexachlorocyclopentadiene	13.12	237	119794	81.802	ng	96

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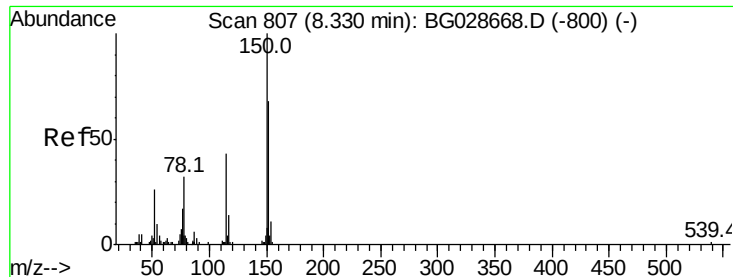
Manual Integrations
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Sohil
 9/13/2017 6:00:13 PM

Quant Time: Sep 13 05:05:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	89443	37.470	ng	97
43) 2,4,5-Trichlorophenol	13.47	196	102881	42.892	ng	91
45) 1,1'-Biphenyl	13.78	154	275450	36.371	ng	99
46) 2-Chloronaphthalene	13.83	162	212397	38.451	ng	99
47) 2-Nitroaniline	14.03	65	87826	42.781	ng	93
48) Acenaphthylene	14.67	152	355941	40.333	ng	97
49) Dimethylphthalate	14.39	163	380886	49.658	ng	96
50) 2,6-Dinitrotoluene	14.52	165	73286	42.940	ng	# 81
51) Acenaphthene	15.01	154	215353	40.171	ng	95
52) 3-Nitroaniline	14.85	138	48037	31.828	ng	93
53) 2,4-Dinitrophenol	15.06	184	14371	22.383	ng	96
54) Dibenzofuran	15.34	168	376526	44.042	ng	94
55) 4-Nitrophenol	15.16	139	86350	78.089	ng	# 81
56) 2,4-Dinitrotoluene	15.30	165	108788	45.332	ng	# 88
57) Fluorene	15.99	166	319473	41.857	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.57	232	97174	45.968	ng	# 94
59) Diethylphthalate	15.74	149	345291	43.806	ng	97
60) 4-Chlorophenyl-phenylether	15.97	204	177672	40.881	ng	93
61) 4-Nitroaniline	16.02	138	66791	41.772	ng	# 86
62) Azobenzene	16.27	77	306069	46.169	ng	90
64) 4,6-Dinitro-2-methylphenol	16.07	198	33974	20.974	ng	95
65) n-Nitrosodiphenylamine	16.19	169	276462	38.418	ng	97
66) 4-Bromophenyl-phenylether	16.87	248	128992	39.935	ng	94
67) Hexachlorobenzene	17.00	284	134081	36.472	ng	# 88
68) Atrazine	17.13	200	102592	33.203	ng	98
69) Pentachlorophenol	17.35	266	133761	80.529	ng	94
70) Phenanthrene	17.74	178	540775	42.125	ng	95
71) Anthracene	17.83	178	549791	42.397	ng	96
72) Carbazole	18.10	167	471695	40.388	ng	# 94
73) Di-n-butylphthalate	18.62	149	576599	40.264	ng	# 93
74) Fluoranthene	19.74	202	656035	41.854	ng	93
76) Benzidine	19.91	184	16243	2.201	ng	# 92
77) Pyrene	20.10	202	676830	41.225	ng	96
79) Butylbenzylphthalate	20.96	149	261549	39.446	ng	97
80) Benzo(a)anthracene	22.01	228	708217	41.336	ng	93
81) 3,3'-Dichlorobenzidine	21.91	252	122502	17.635	ng	# 96
82) Chrysene	22.08	228	667886	41.085	ng	93
83) Bis(2-ethylhexyl)phthalate	21.86	149	368842	39.128	ng	100
84) Di-n-octyl phthalate	23.16	149	647981	39.344	ng	# 89
85) Indeno(1,2,3-cd)pyrene	29.57	276	851790	40.781	ng	# 99
87) Benzo(b)fluoranthene	24.41	252	718799	43.819	ng	99
88) Benzo(k)fluoranthene	24.49	252	716584m	43.733	ng	
89) Benzo(a)pyrene	25.36	252	641433	41.196	ng	96
90) Dibenzo(a,h)anthracene	29.62	278	713257	43.939	ng	98
91) Benzo(g,h,i)perylene	30.83	276	684190	43.196	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

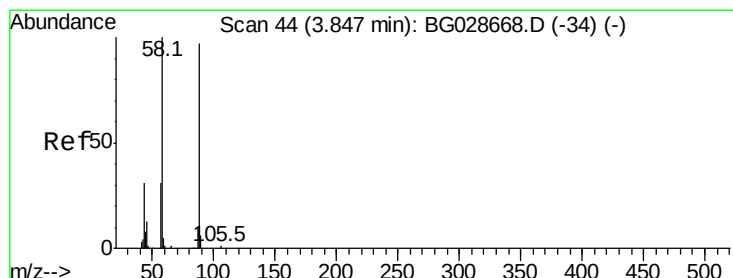
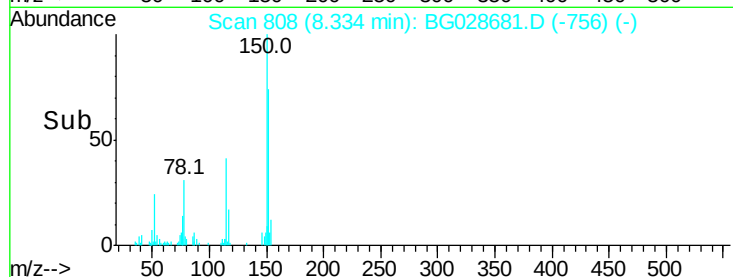
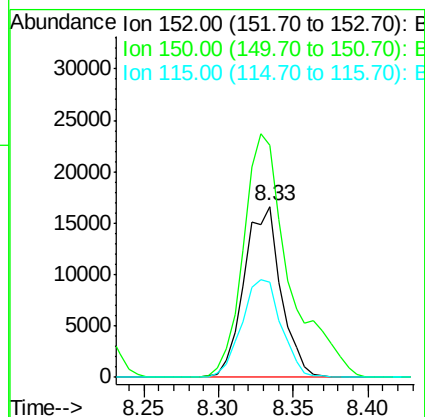
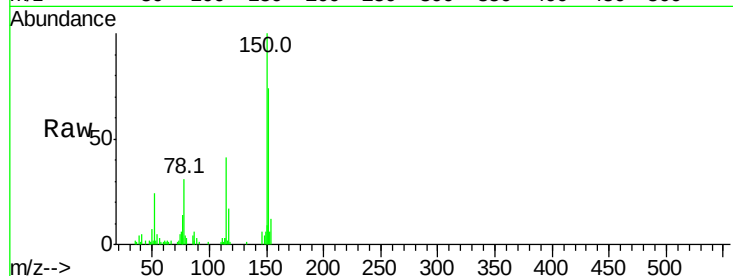
EP-13MSD

Tot Ion:	152	Resp:	28290
Ion	Ratio	Lower	Upper
152	100		
150	135.8	114.0	171.0
115	55.9	48.1	72.1

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#2

1,4-Dioxane

Concen: 32.322 ng

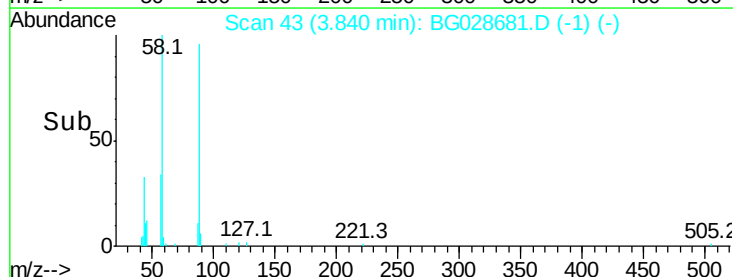
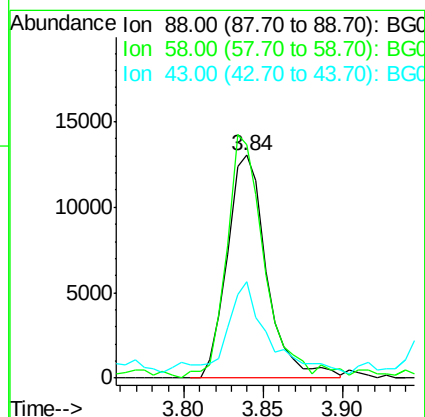
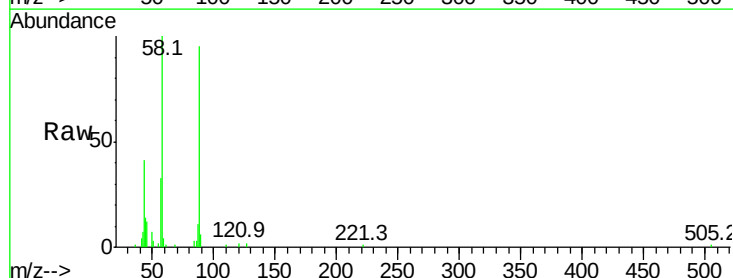
RT: 3.84 min Scan# 43

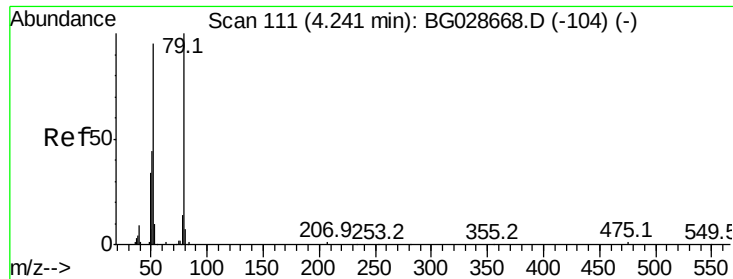
Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	88	Resp:	22441
Ion	Ratio	Lower	Upper
88	100		
58	102.9	79.4	119.2
43	41.4	33.8	50.6





#3

Pvridine

Concen: 30.090 ng

RT: 4.23 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

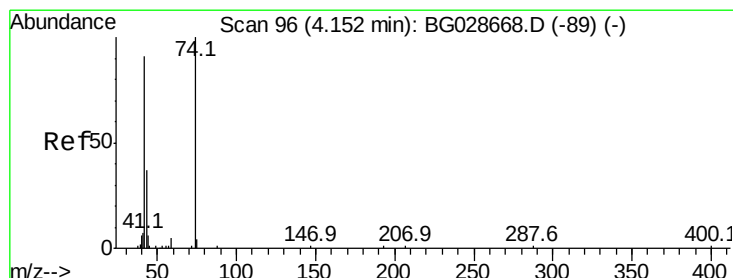
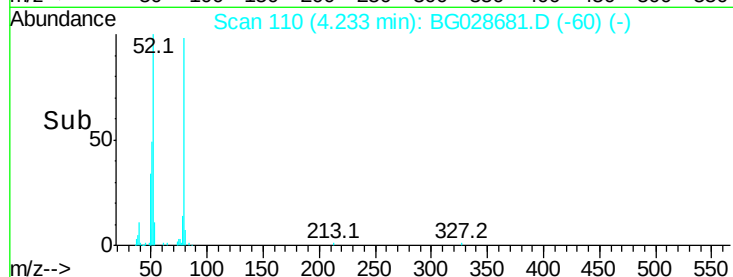
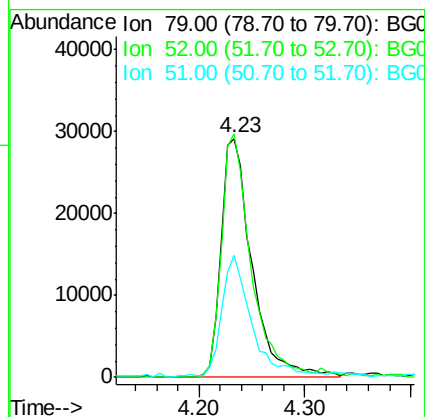
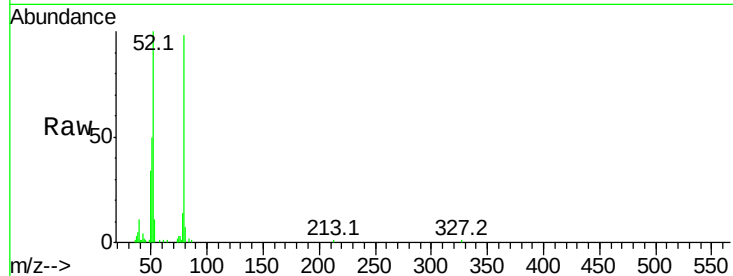
ClientSampleId :

EP-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	101.9	77.8	116.6		
51	50.9	43.2	64.8		

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9/13/2017 6:00:13 PM



#4

n-Nitrosodimethylamine

Concen: 40.247 ng

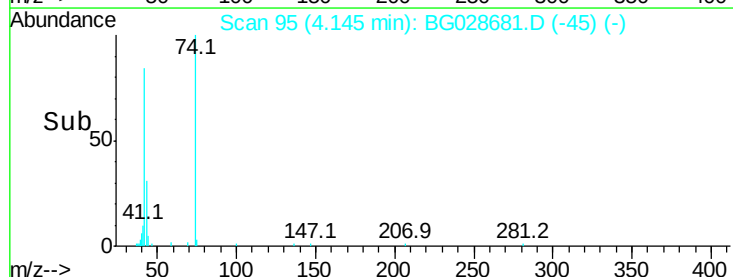
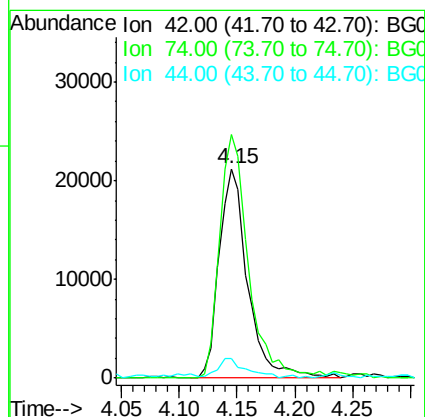
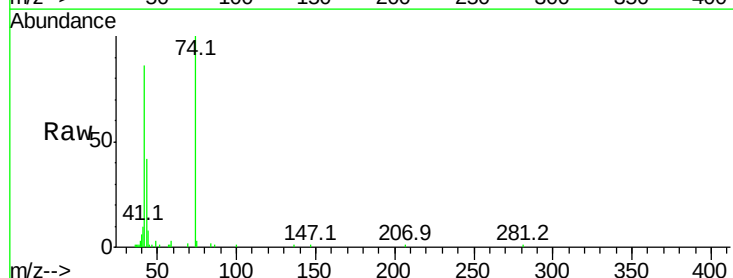
RT: 4.15 min Scan# 95

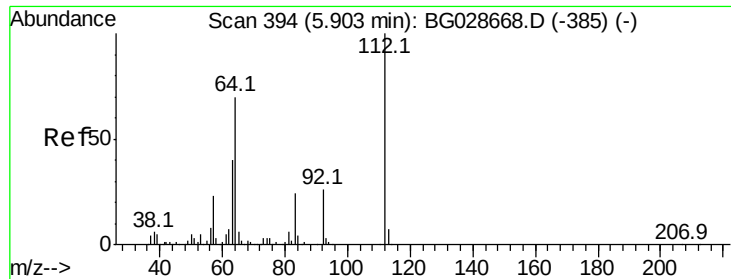
Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	116.4	76.7	115.1#		
44	9.6	6.1	9.1#		





#5

2-Fluorophenol

Concen: 121.492 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

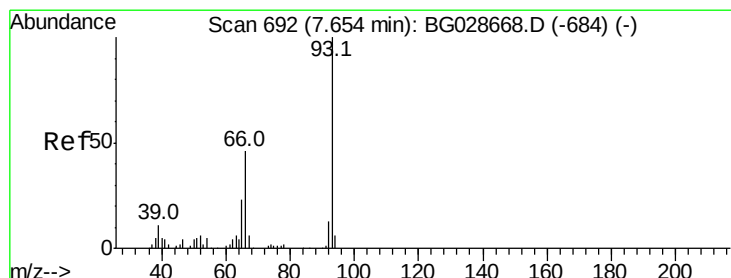
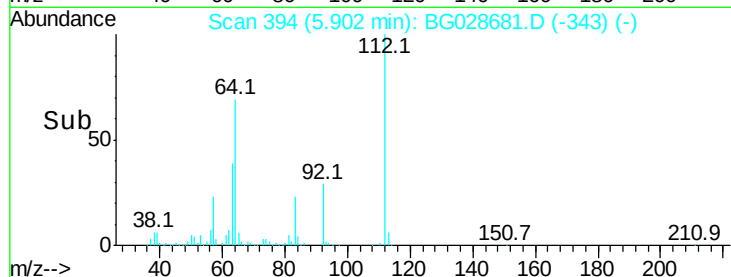
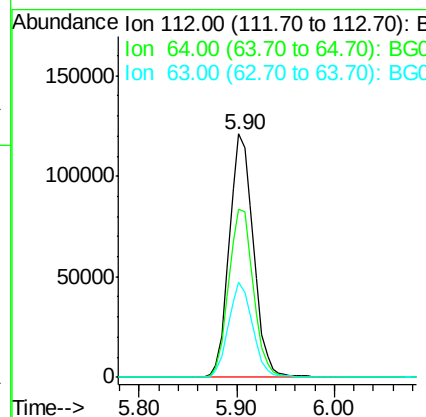
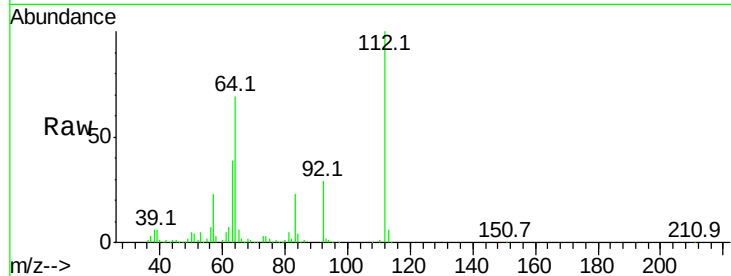
ClientSampleId :

EP-13MSD

Tot Ion:	112	Resp:	208298
Ion Ratio	Lower	Upper	
112	100		
64	69.2	61.8	92.6
63	39.3	37.2	55.8

Manual Integrations
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9/13/2017 6:00:13 PM



#6

Aniline

Concen: 29.089 ng

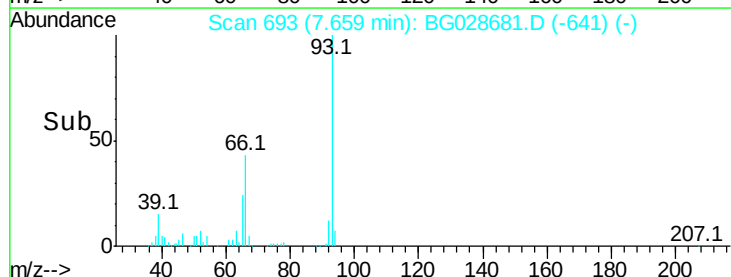
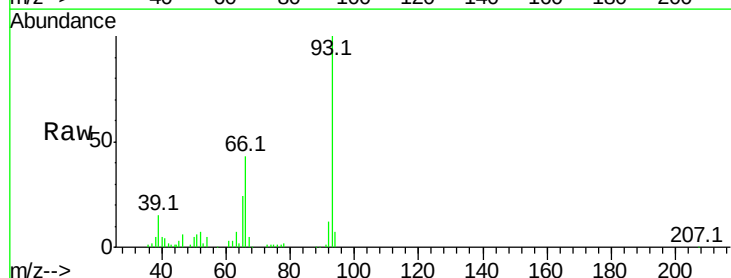
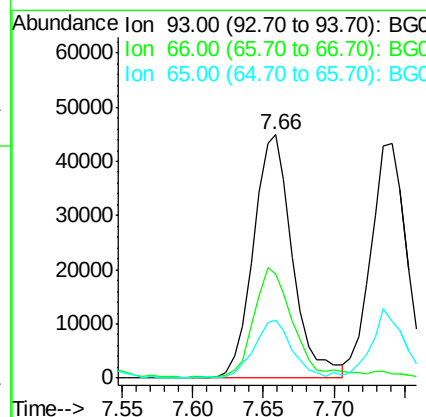
RT: 7.66 min Scan# 693

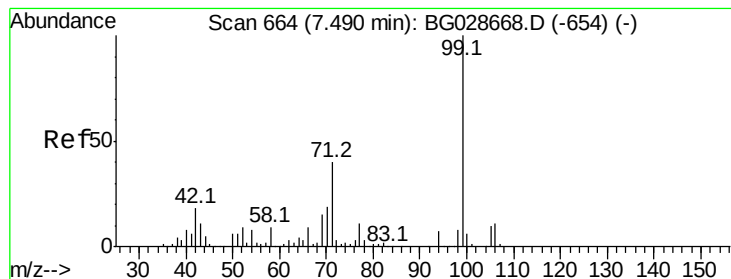
Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	93	Resp:	87391
Ion Ratio	Lower	Upper	
93	100		
66	42.6	35.4	53.2
65	23.6	21.2	31.8





#7

Phenol-d6

Concen: 123.287 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

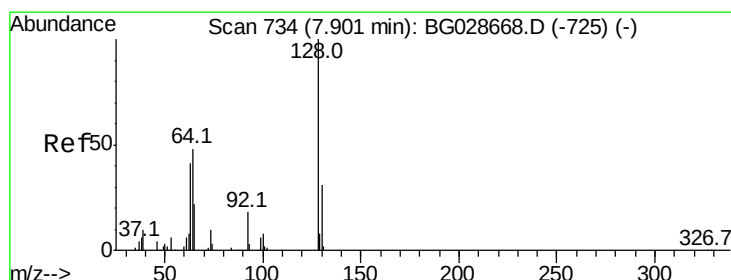
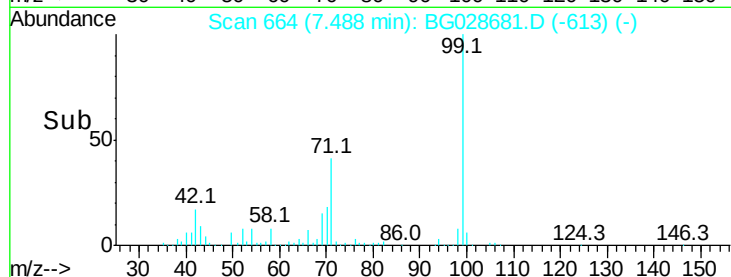
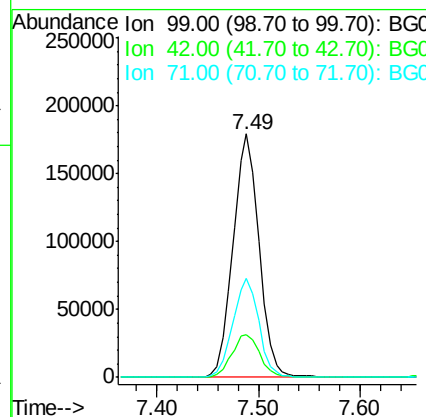
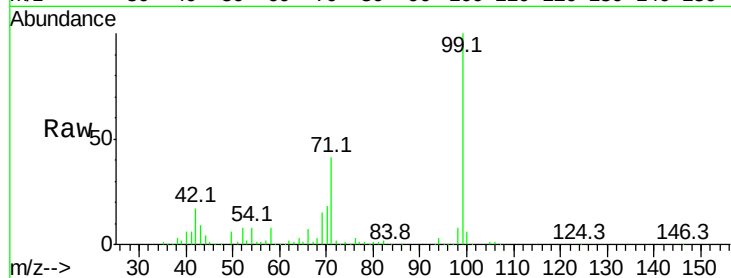
ClientSampleId :

EP-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		318251		
42	17.5	20.5	30.7#		
71	40.7	37.6	56.4		

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.754 ng

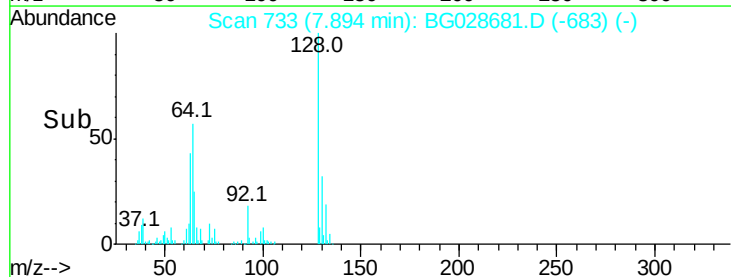
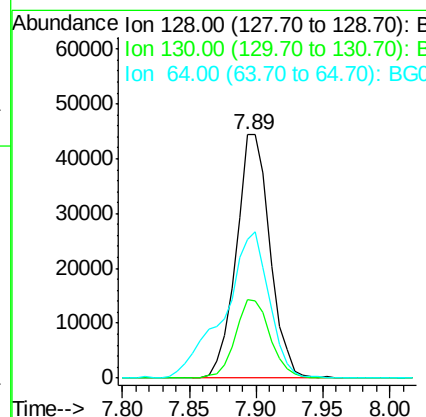
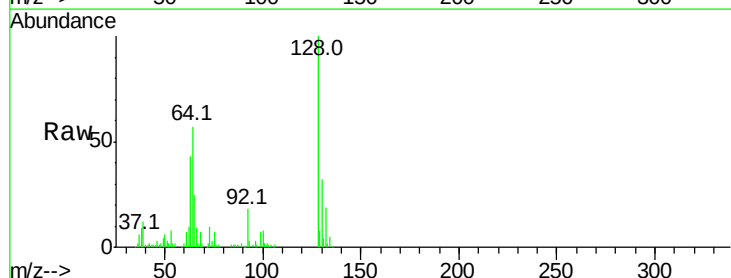
RT: 7.89 min Scan# 733

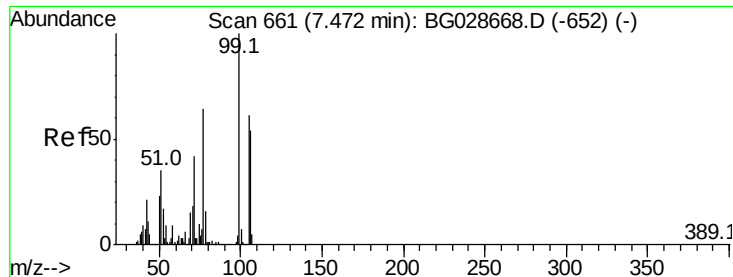
Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		77892		
130	32.4	11.4	51.4		
64	57.2	46.6	86.6		





#9

Benzaldehyde

Concen: 6.661 ng

RT: 7.48 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampled :

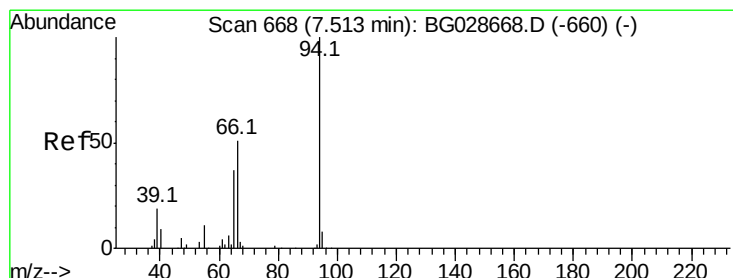
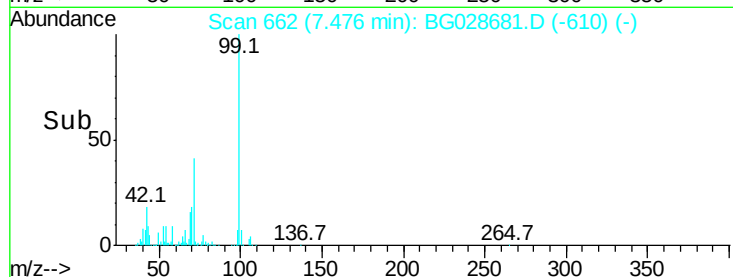
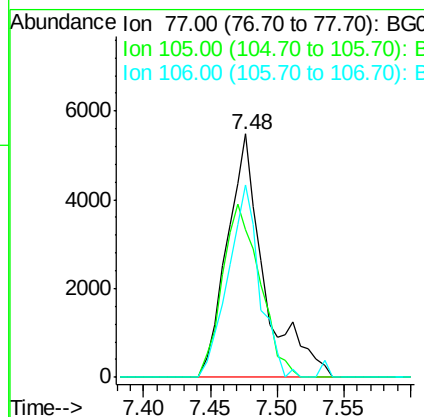
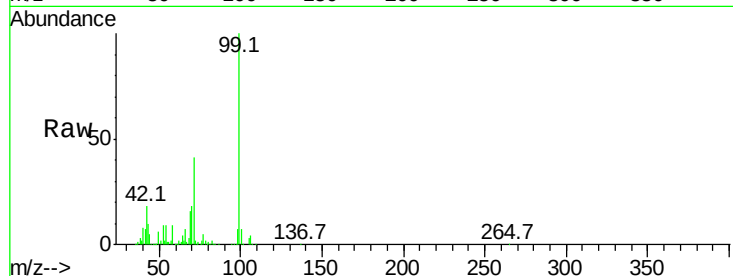
EP-13MSD

Tot Ion:	77	Resp:	10667
Ion	Ratio	Lower	Upper
77	100		
105	60.4	60.9	100.9#
106	79.3	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 47.264 ng

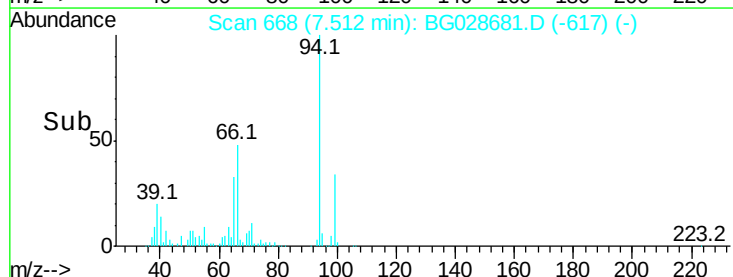
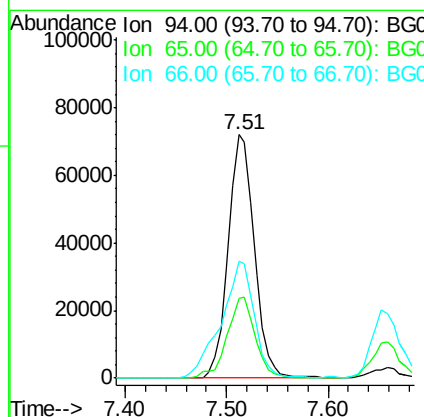
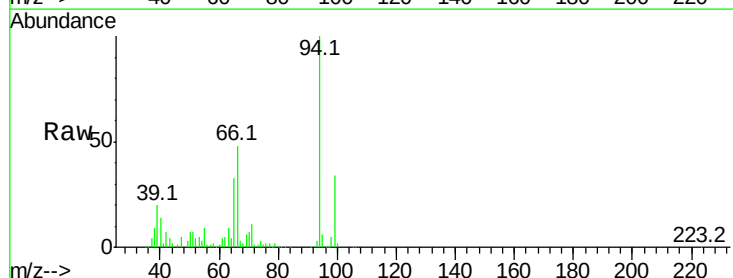
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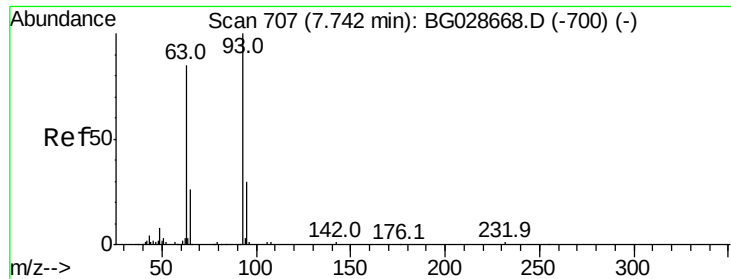
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	94	Resp:	128760
Ion	Ratio	Lower	Upper
94	100		
65	32.6	20.6	60.6
66	48.1	35.5	75.5





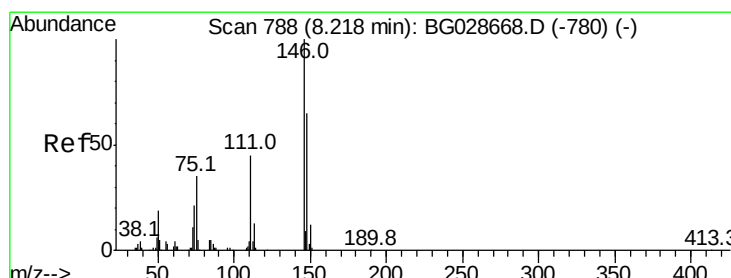
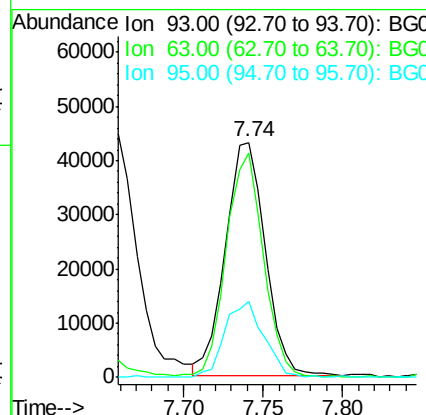
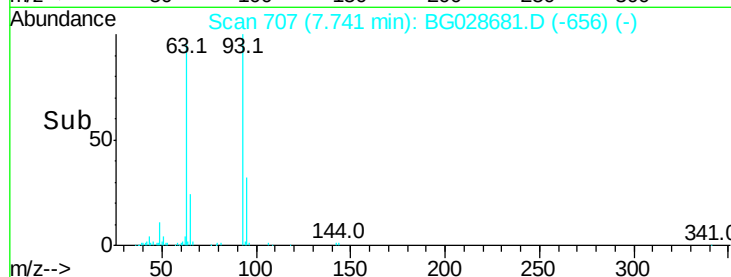
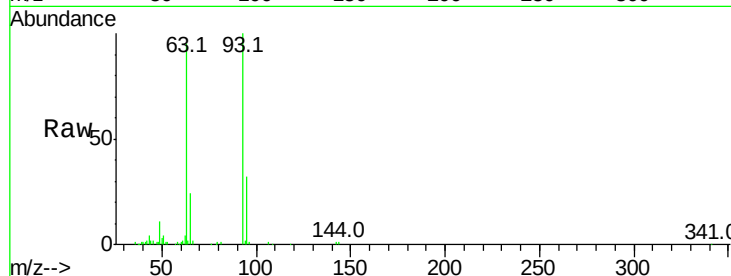
#11
bis(2-Chloroethyl)ether
Concen: 38.475 ng
RT: 7.74 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	95.4	78.5	118.5
95	32.5	9.8	49.8

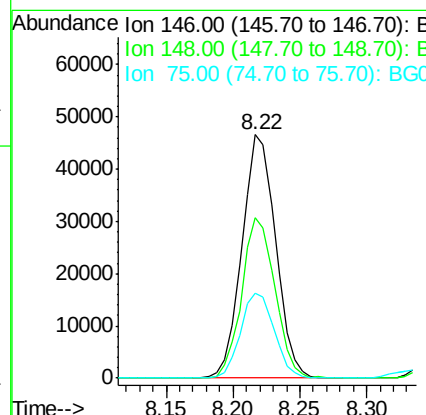
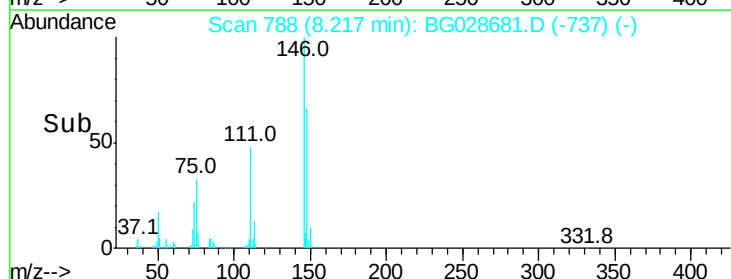
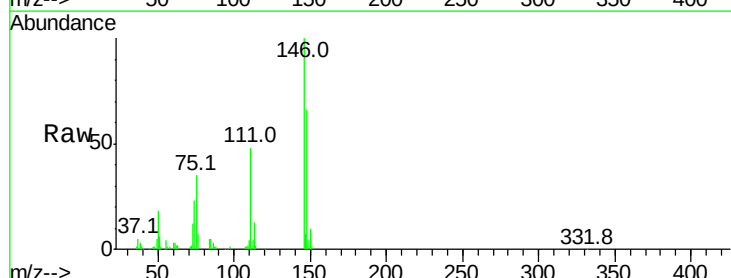
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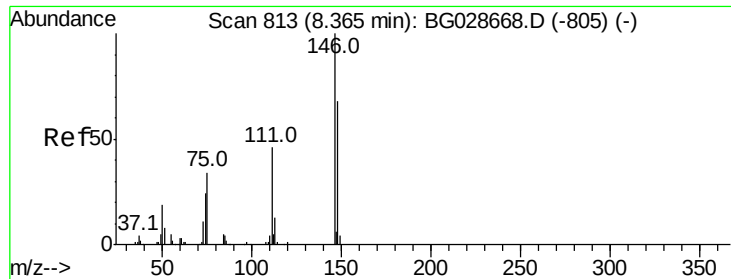
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.429 ng
RT: 8.22 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.2	73.8
75	34.8	33.4	50.2





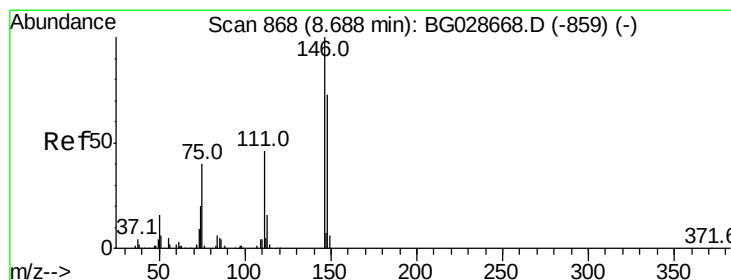
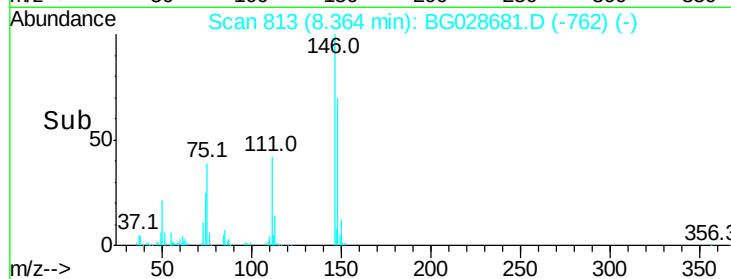
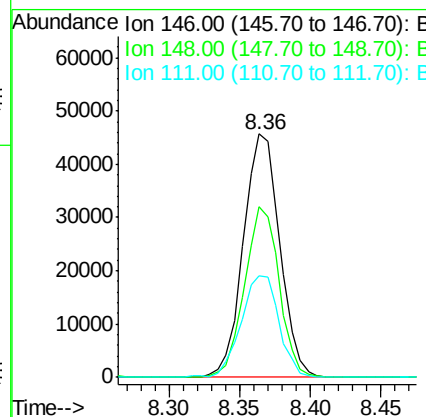
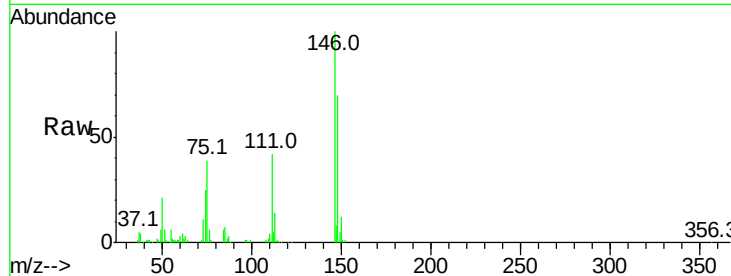
#13
 1,4-Dichlorobenzene
 Concen: 38.995 ng
 RT: 8.36 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

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

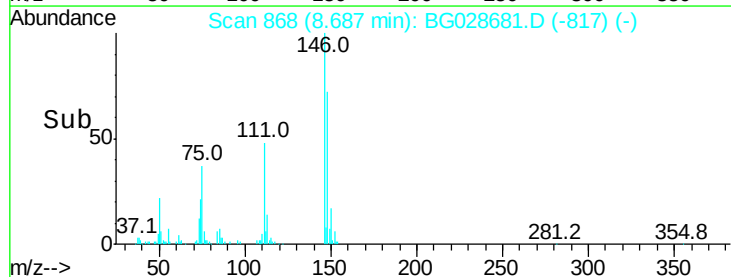
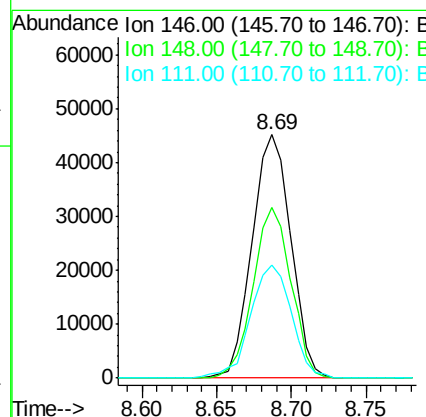
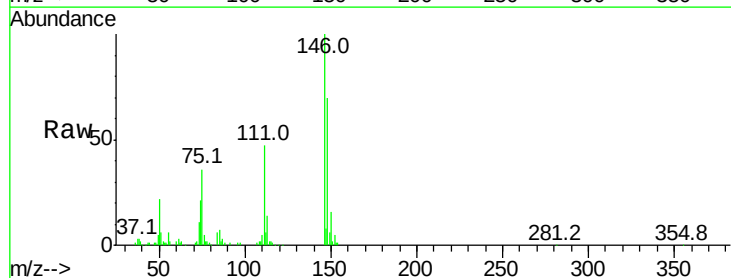
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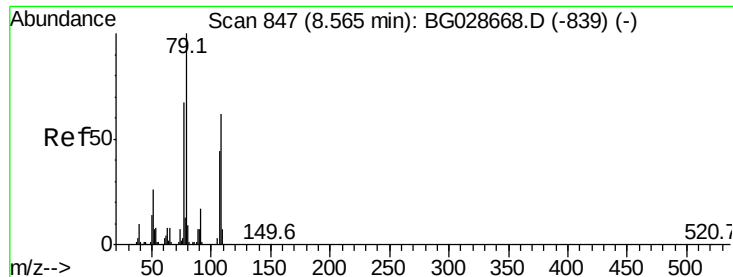
Sohil
 9/13/2017 6:00:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.743 ng
 RT: 8.69 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.0	54.6	81.8
111	46.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 43.641 ng

RT: 8.57 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

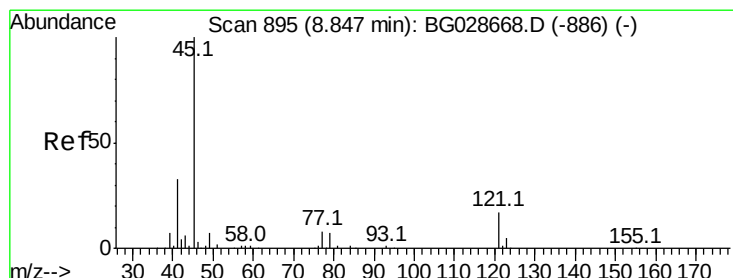
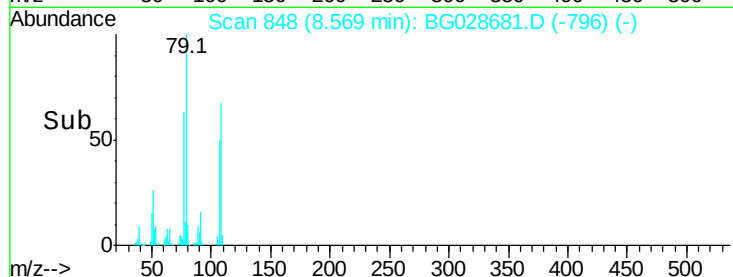
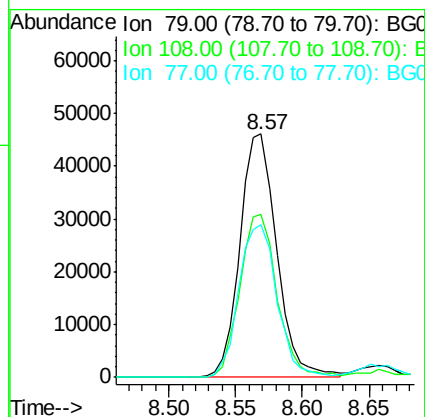
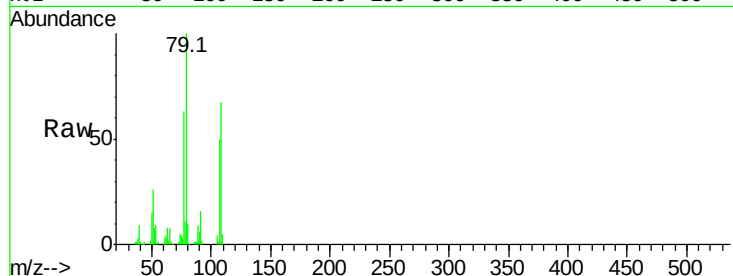
ClientSampleId :

EP-13MSD

Tot Ion:	79	Resp:	87942
Ion Ratio	Lower	Upper	
79	100		
108	67.0	45.5	68.3
77	62.9	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.302 ng

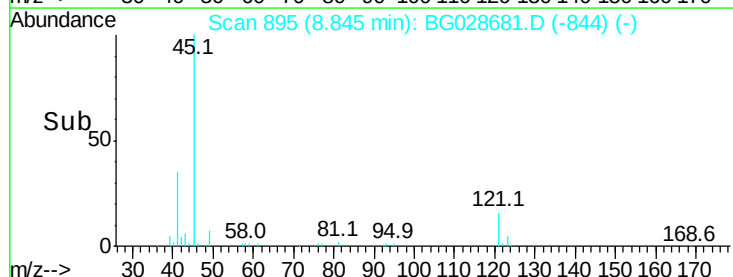
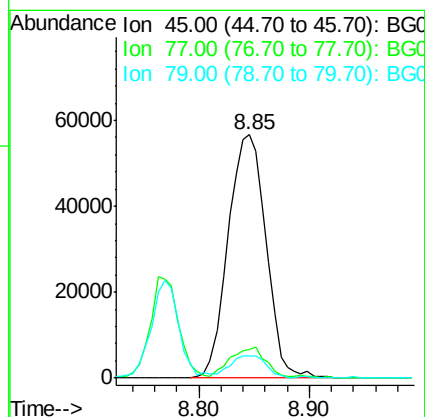
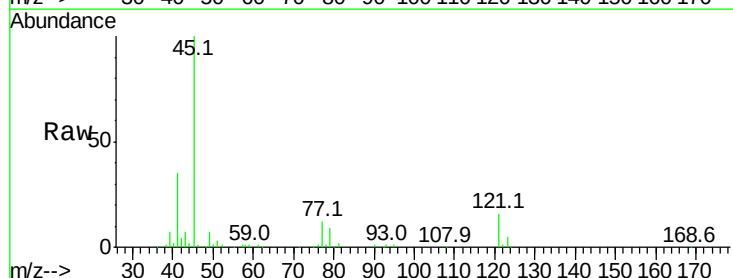
RT: 8.85 min Scan# 895

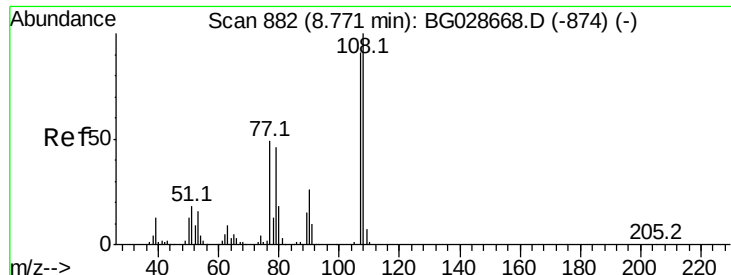
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	45	Resp:	136153
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.6
79	9.3	0.0	28.5





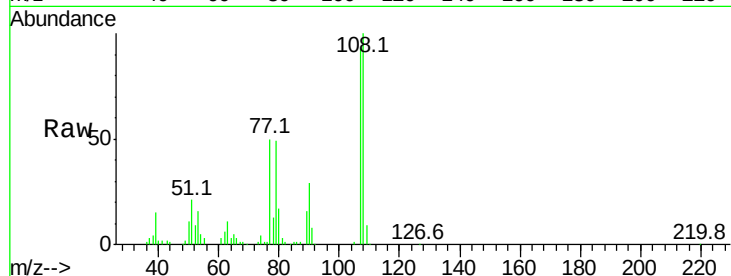
#17
2-Methylphenol
Concen: 42.633 ng
RT: 8.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampled :
EP-13MSD

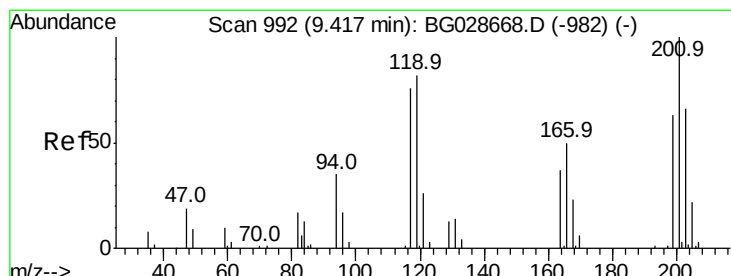
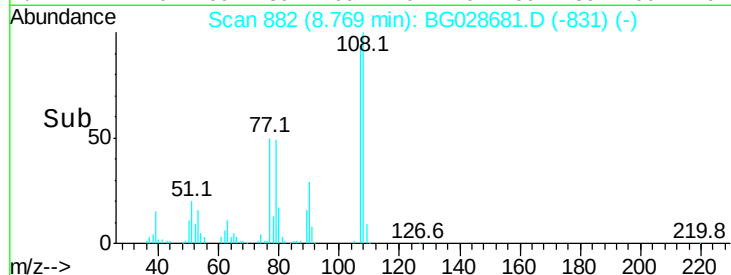
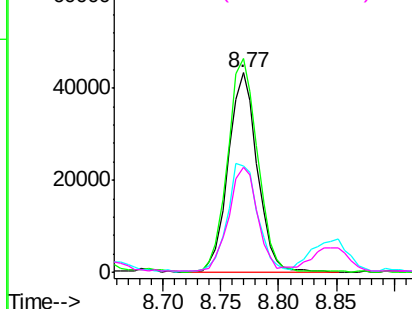
Tot Ion:	107	Resp:	75896
Ion Ratio	Lower	Upper	
107	100		
108	107.2	85.6	128.4
77	53.2	51.4	77.2
79	52.4	49.2	73.8

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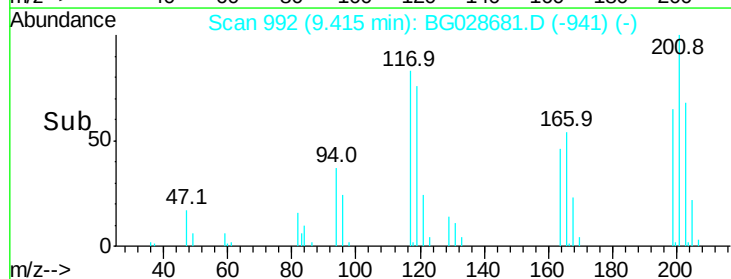
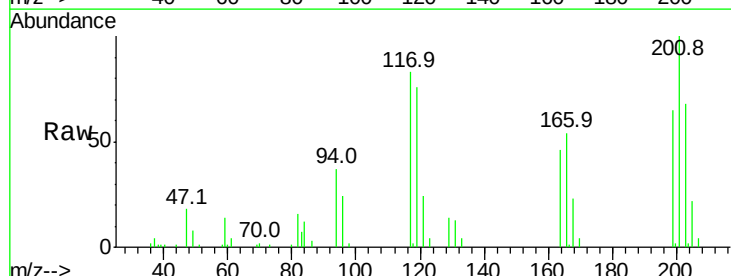
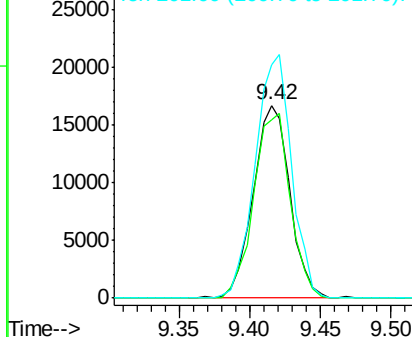
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

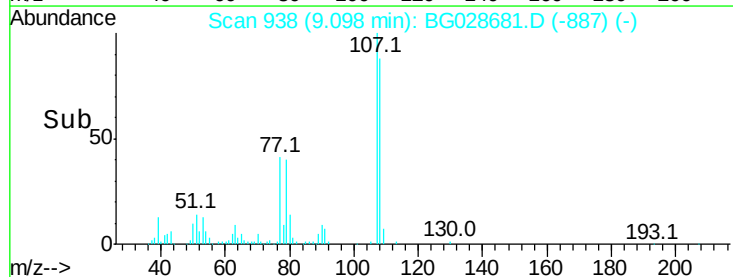
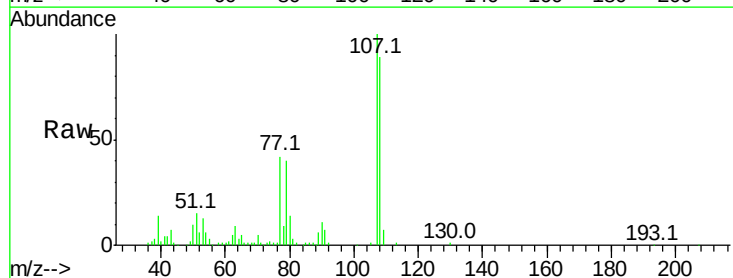
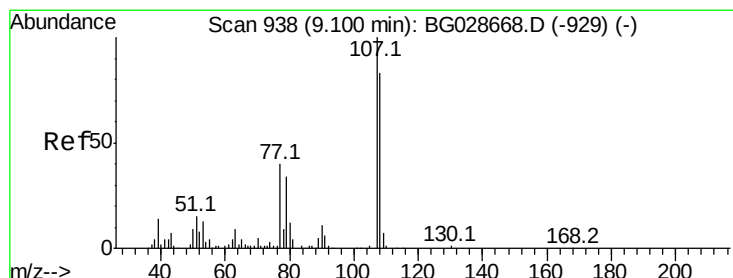
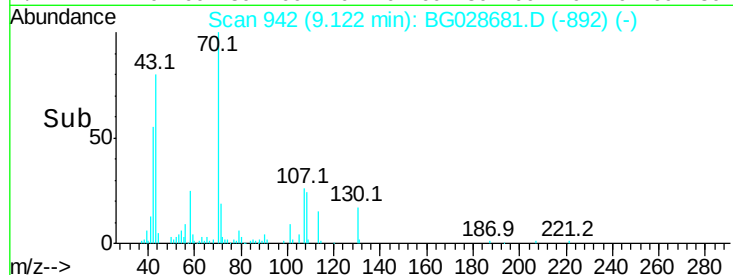
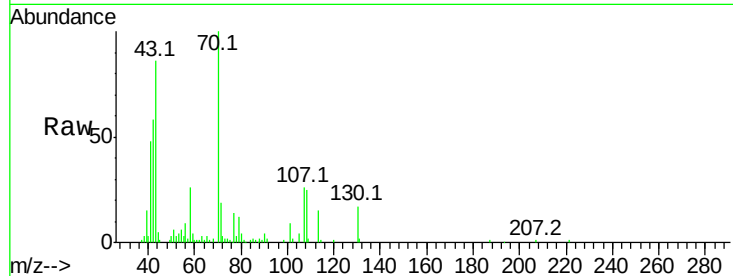
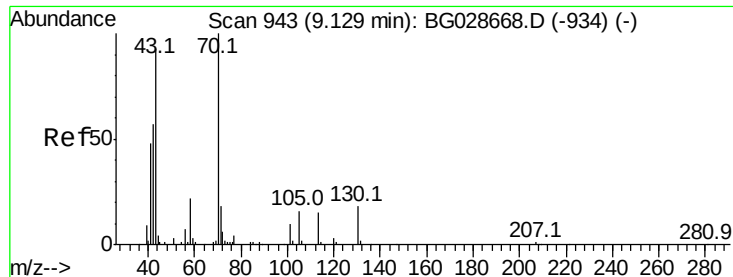


#18
Hexachloroethane
Concen: 39.333 ng
RT: 9.42 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion:	117	Resp:	30508
Ion Ratio	Lower	Upper	
117	100		
119	92.6	69.8	104.6
201	121.1	95.4	143.0

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





#19

n-Nitroso-di-n-propylamine

Concen: 39.674 ng

RT: 9.12 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG028681.D

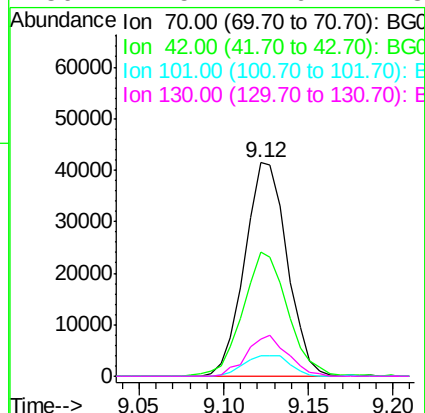
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.3	56.1	84.1	
101	9.4	7.5	11.3	
130	17.5	14.6	21.8	

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#20

3+4-Methylphenols

Concen: 42.340 ng

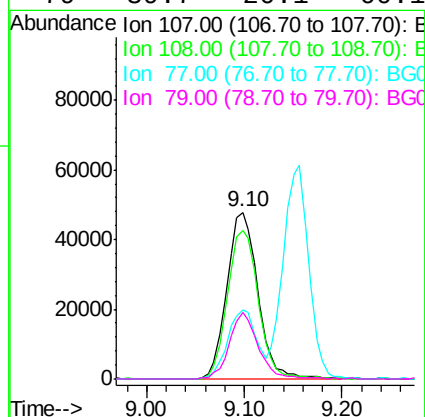
RT: 9.10 min Scan# 938

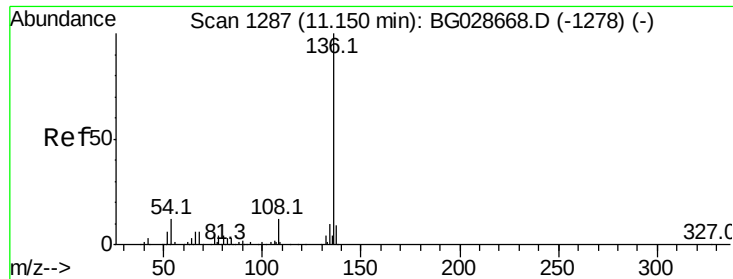
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	70.8	110.8	
77	41.8	25.8	65.8	
79	39.7	20.1	60.1	





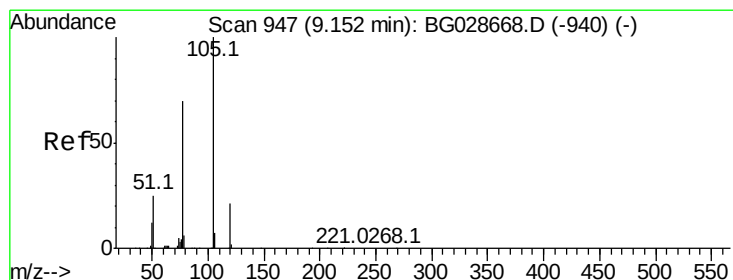
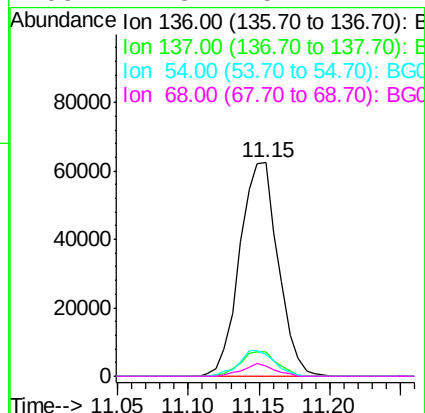
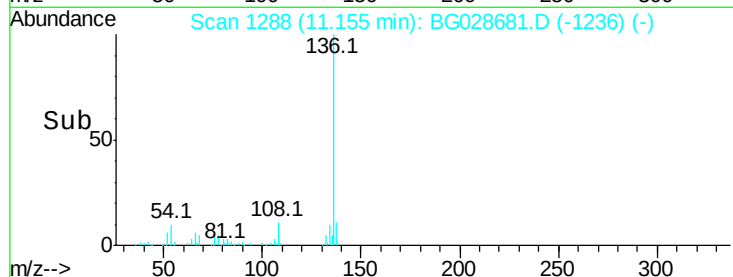
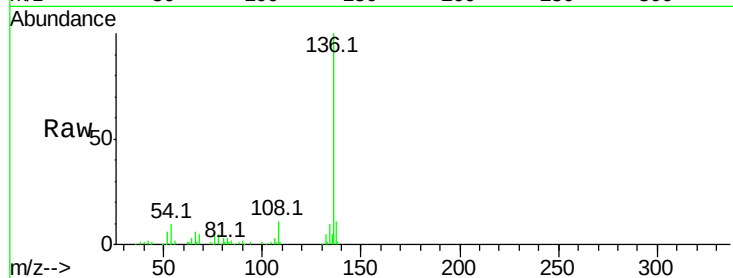
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	118702		
137	11.4		8.9	13.3
54	10.3		9.3	13.9
68	4.8		5.1	7.7#

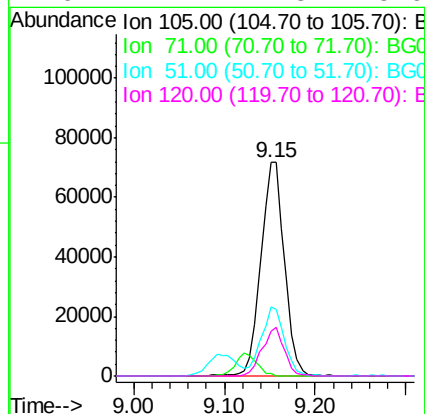
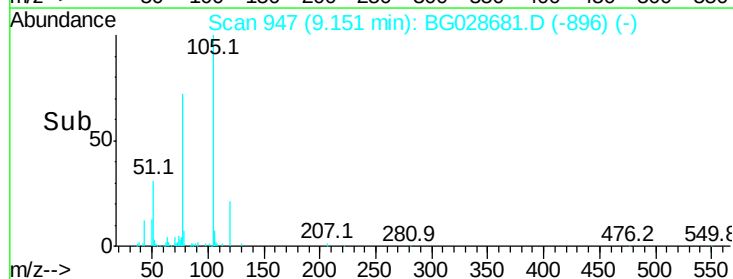
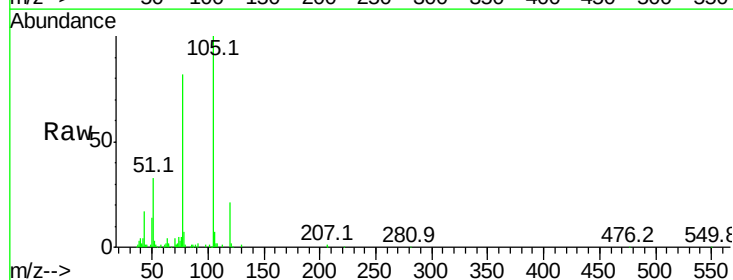
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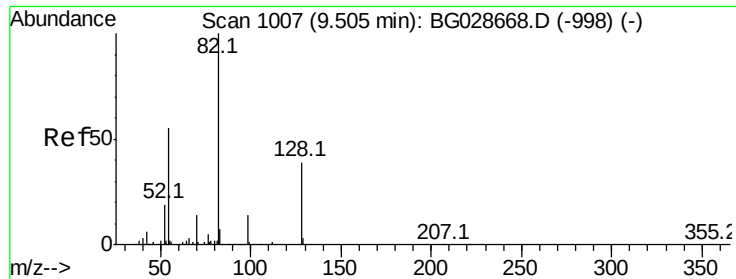
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#22
Acetophenone
Concen: 37.456 ng
RT: 9.15 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	129999		
71	1.3		0.9	1.3#
51	32.6		34.0	51.0#
120	21.2		17.3	25.9





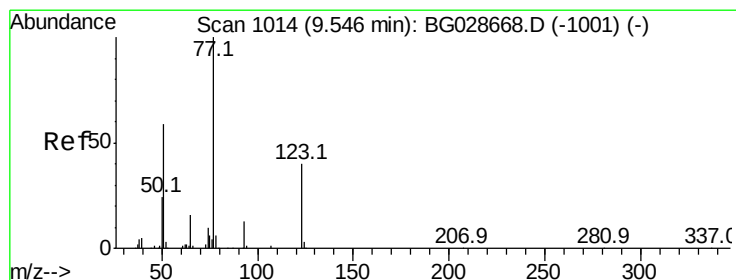
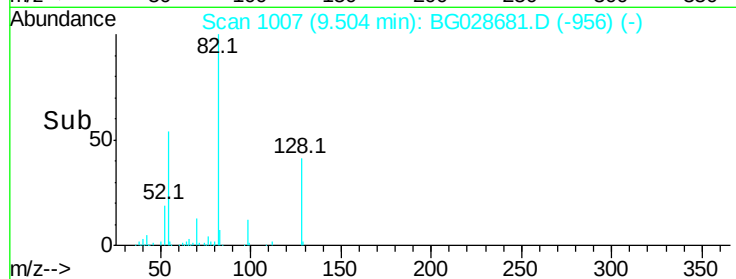
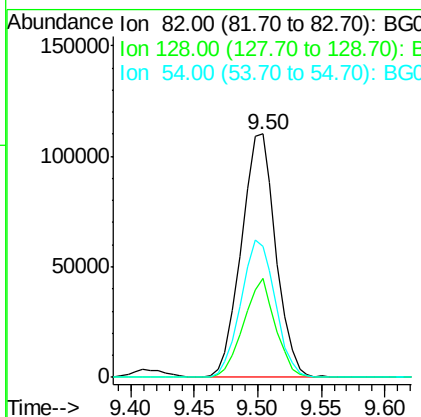
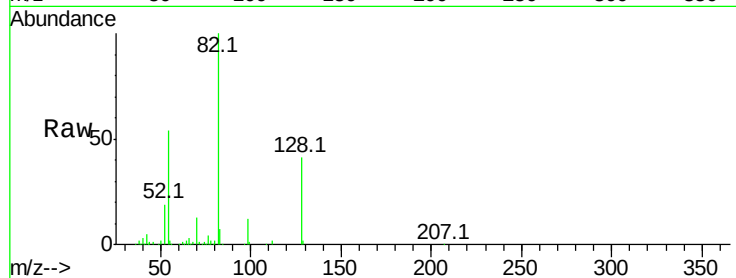
#23
 Nitrobenzene-d5
 Concen: 83.948 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampled :
 EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.7	26.4	39.6#	
54	53.6	49.4	74.2	

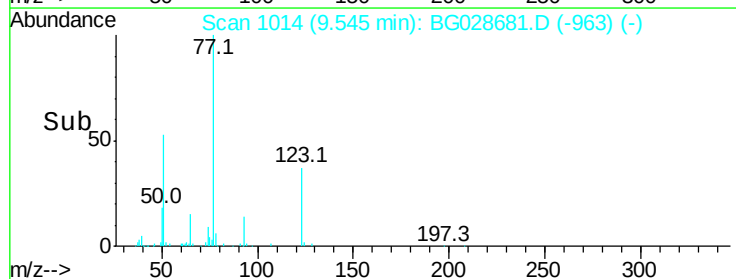
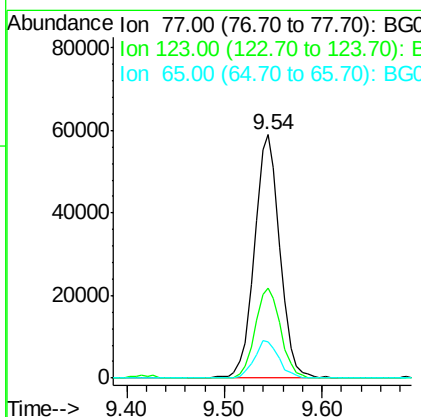
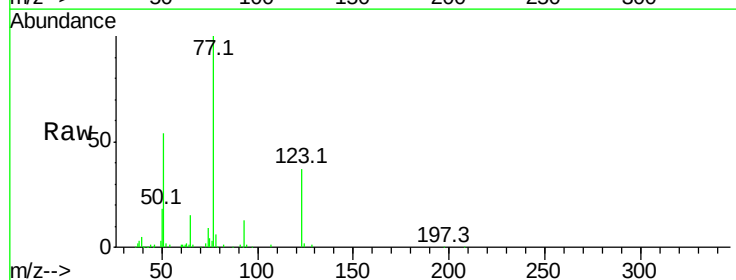
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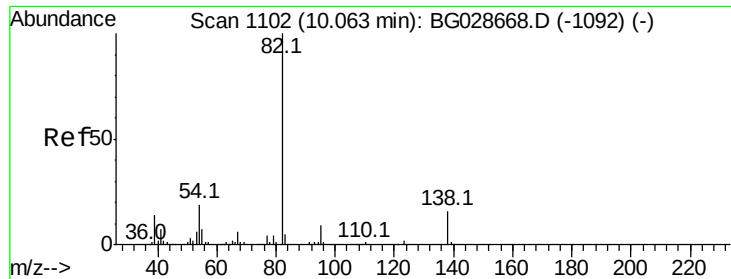
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 9/13/2017 6:00:13 PM



#24
 Nitrobenzene
 Concen: 39.229 ng
 RT: 9.54 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.8	26.1	39.1	
65	14.9	12.4	18.6	





#25

Isophorone

Concen: 40.179 ng

RT: 10.06 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

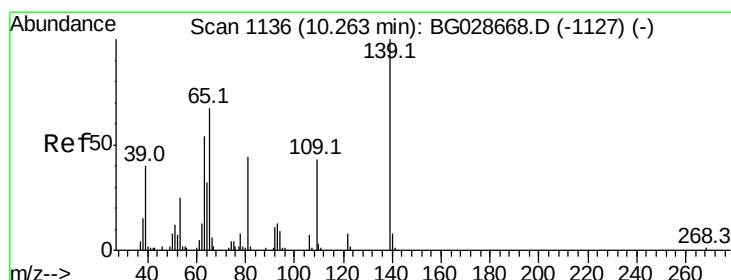
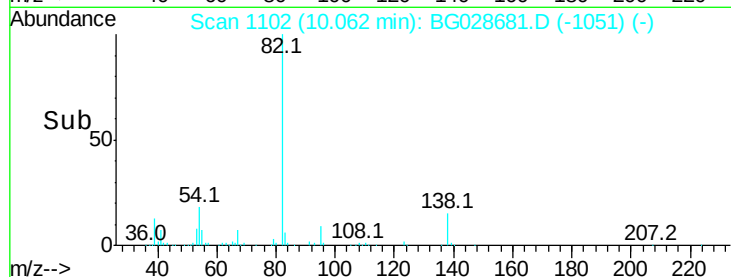
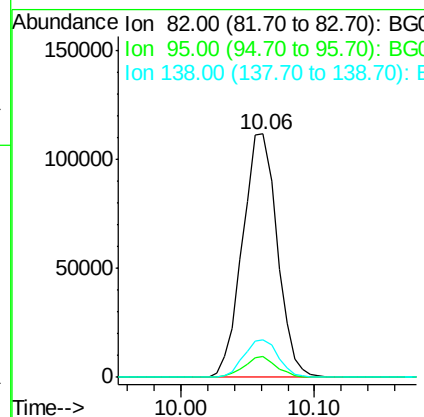
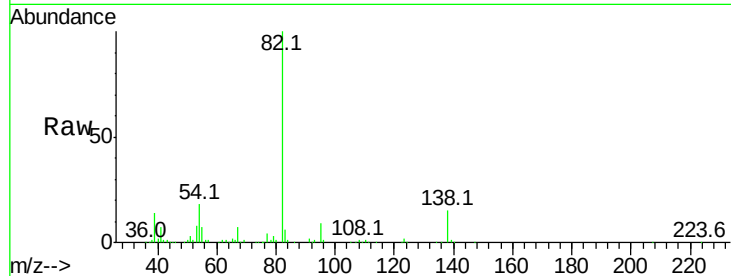
ClientSampleId :

EP-13MSD

Tot Ion:	82	Resp:	201728
Ion Ratio	Lower	Upper	
82	100		
95	8.5	7.5	11.3
138	15.4	12.3	18.5

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#26

2-Nitrophenol

Concen: 38.690 ng

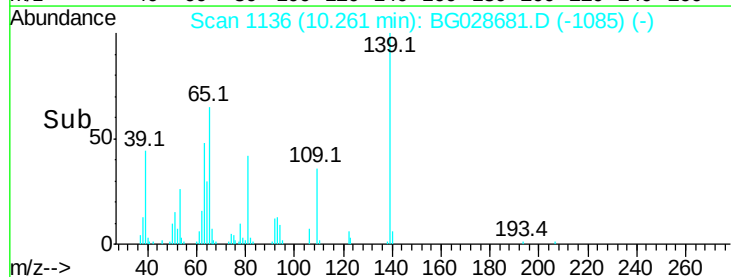
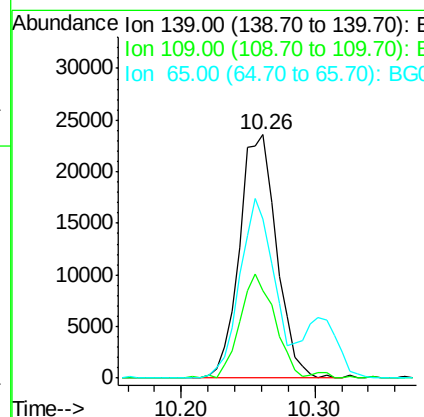
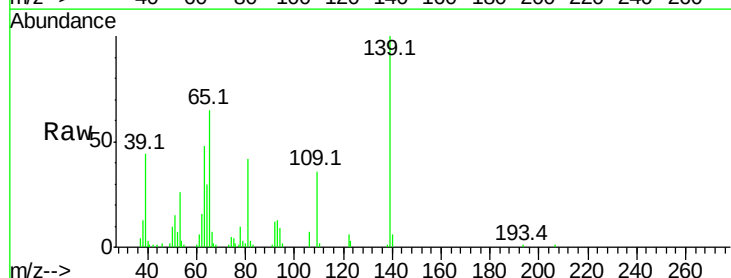
RT: 10.26 min Scan# 1136

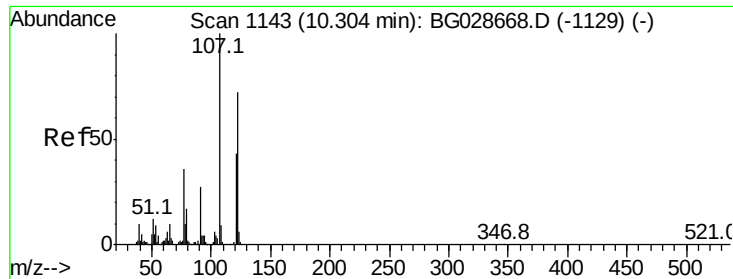
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	139	Resp:	45245
Ion Ratio	Lower	Upper	
139	100		
109	36.1	38.6	58.0#
65	65.2	57.1	85.7





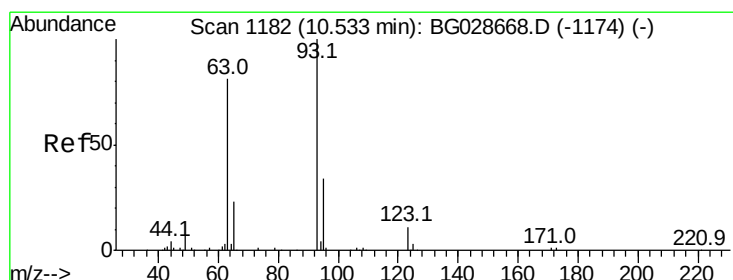
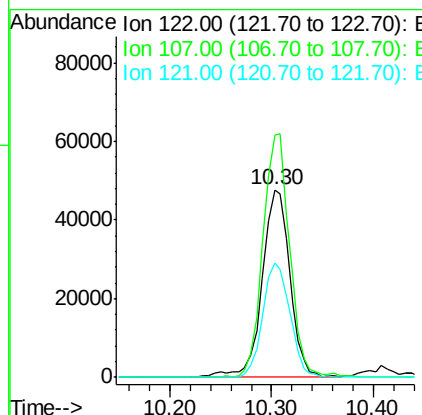
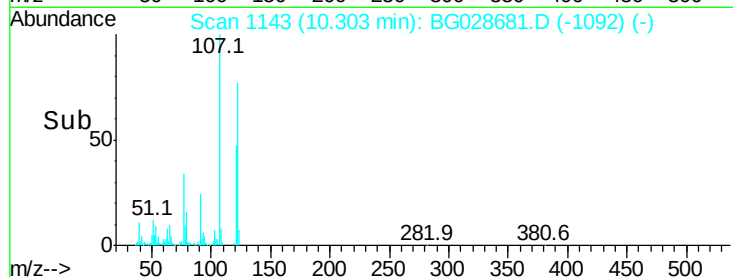
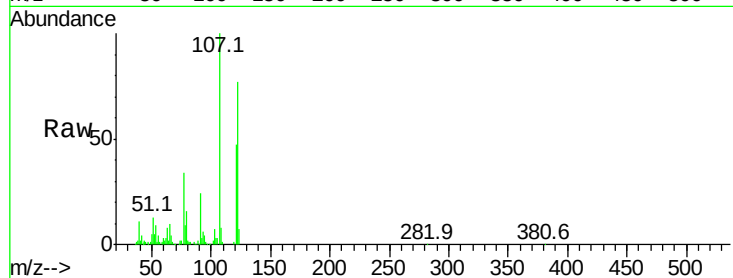
#27
 2,4-Dimethylphenol
 Concen: 42.500 ng
 RT: 10.30 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.1	104.2	156.4
121	61.1	46.0	69.0

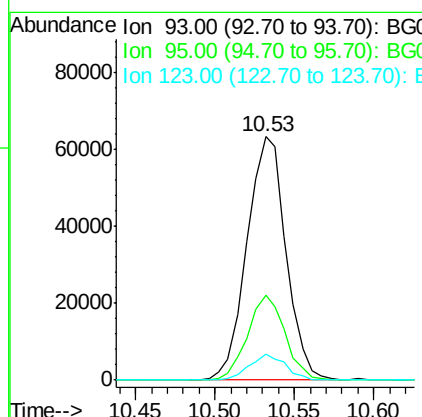
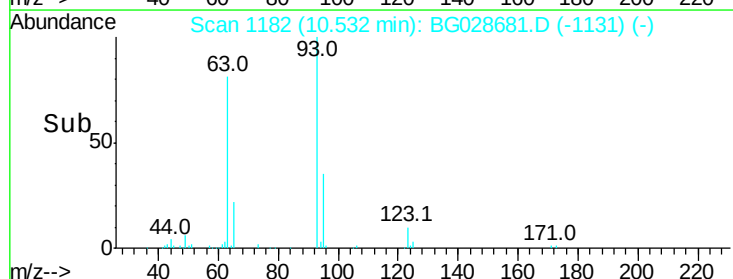
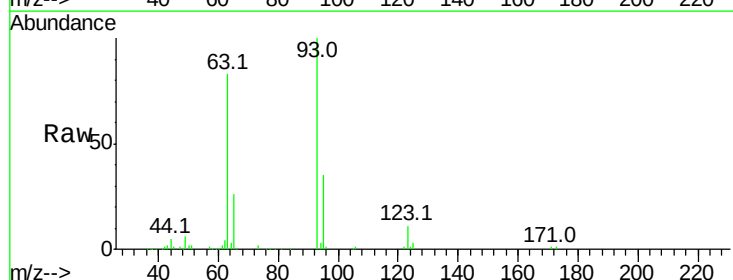
Manual Integrations
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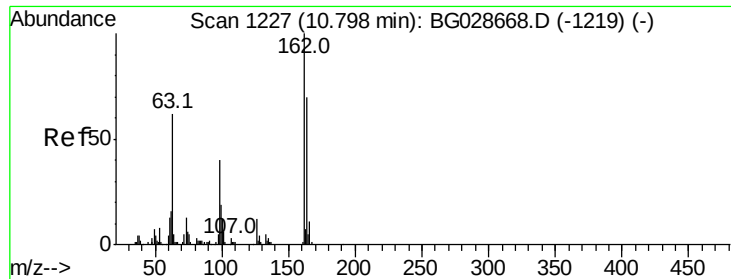
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.773 ng
 RT: 10.53 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.8	25.7	38.5
123	10.6	8.3	12.5





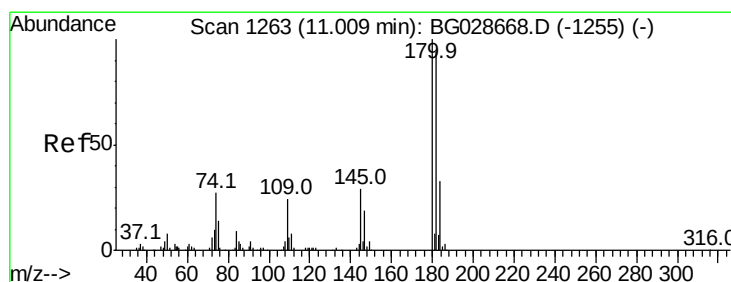
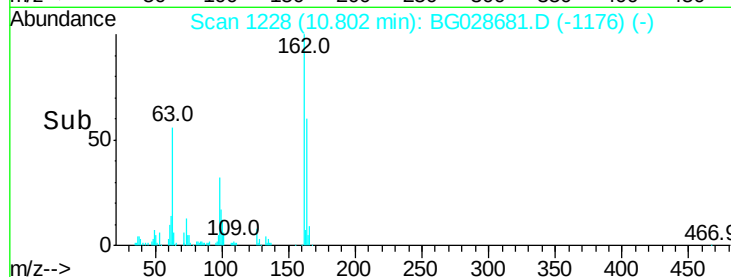
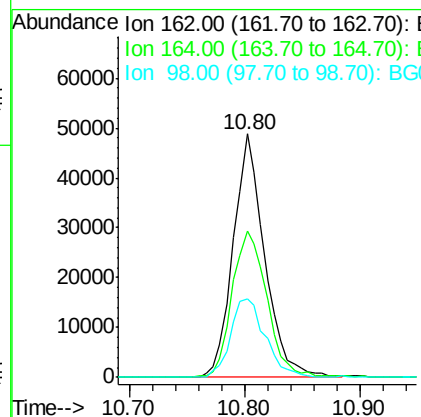
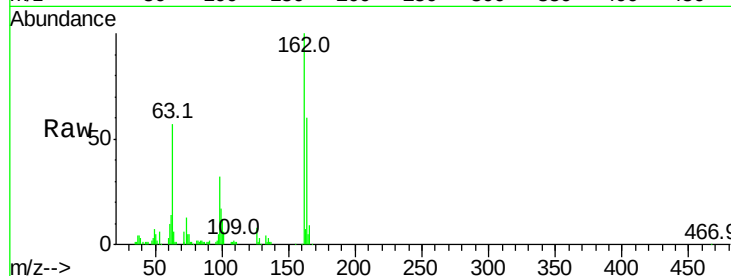
#29
2,4-Dichlorophenol
Concen: 43.263 ng
RT: 10.80 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	60.0	42.4	82.4	
98	32.2	20.3	60.3	

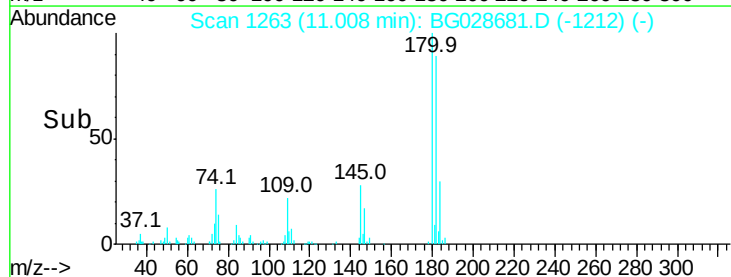
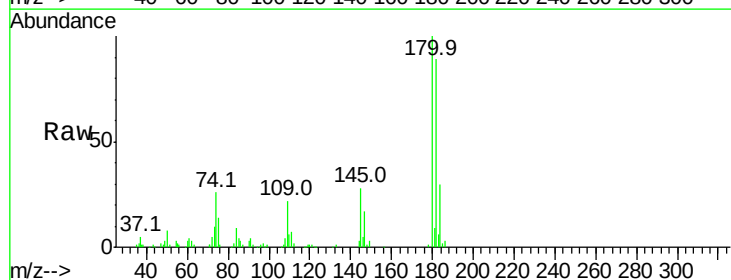
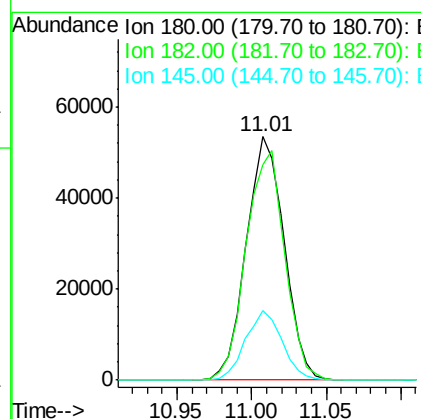
Manual Integrations
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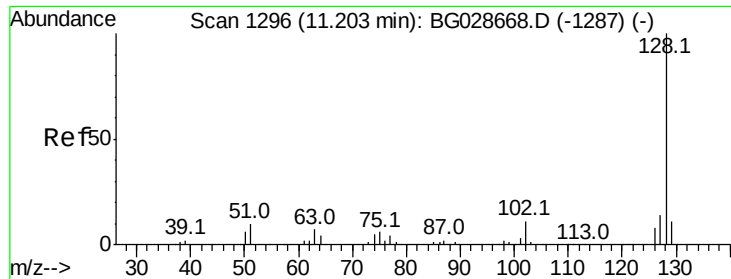
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#30
1,2,4-Trichlorobenzene
Concen: 38.666 ng
RT: 11.01 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	88.5	77.0	115.4	
145	28.4	23.4	35.0	





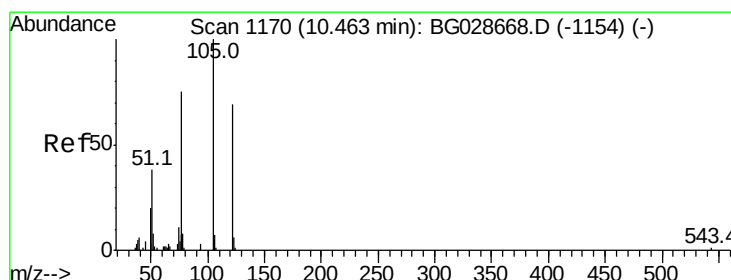
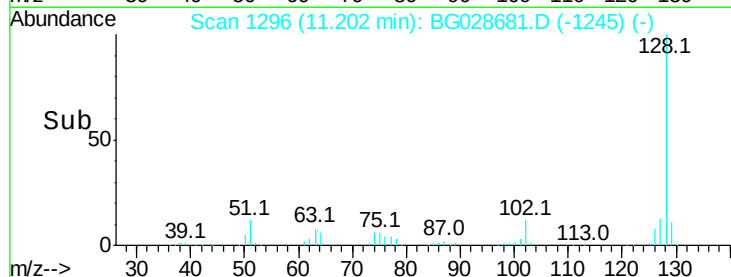
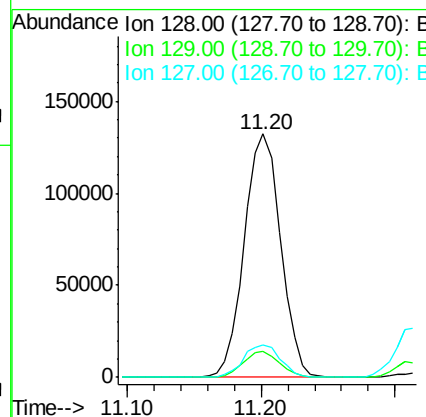
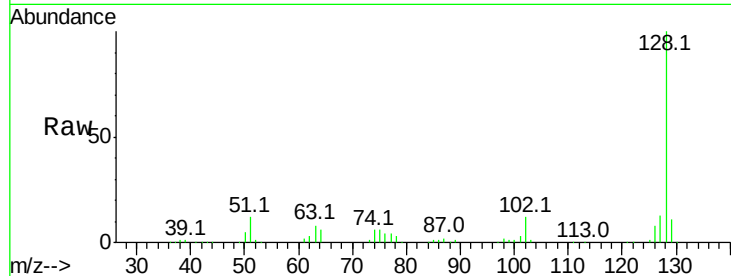
#31
Naphthalene
Concen: 40.126 ng
RT: 11.20 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampled :
EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	248765		
129	10.6		9.3	13.9
127	13.3		11.4	17.0

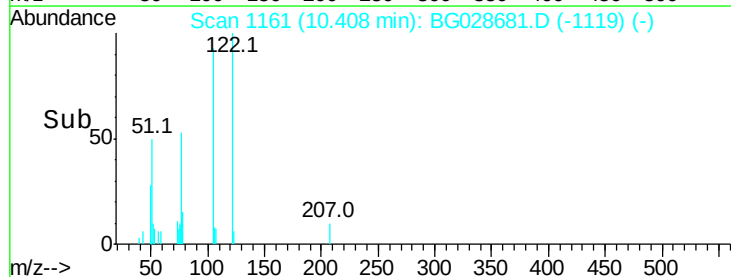
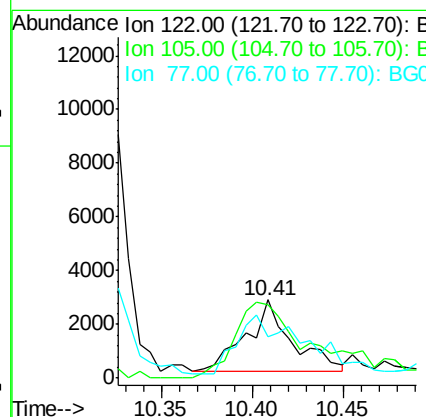
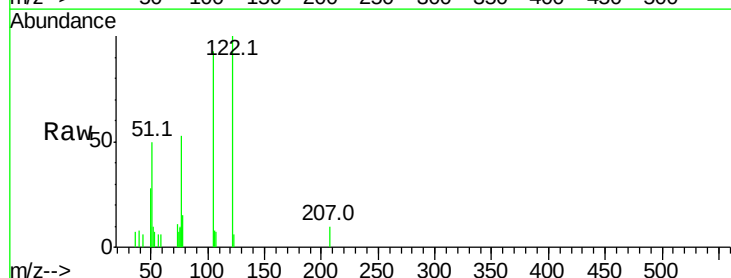
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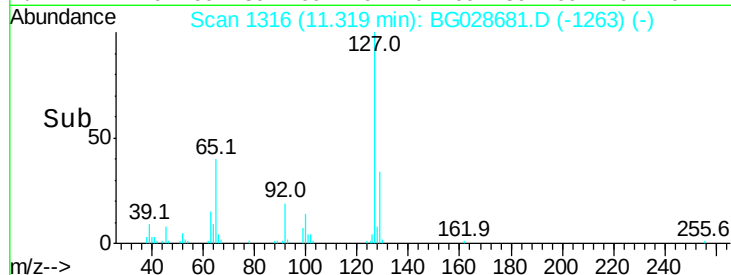
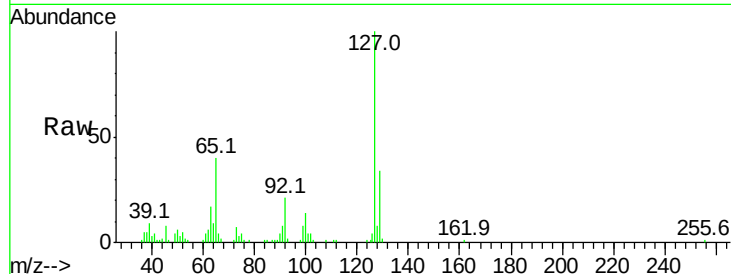
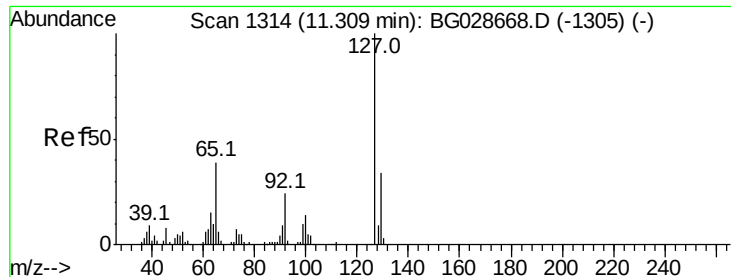
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#32
Benzoic acid
Concen: 8.743 ng
RT: 10.41 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	4620		
105	92.7		120.1	160.1#
77	52.7		104.6	144.6#





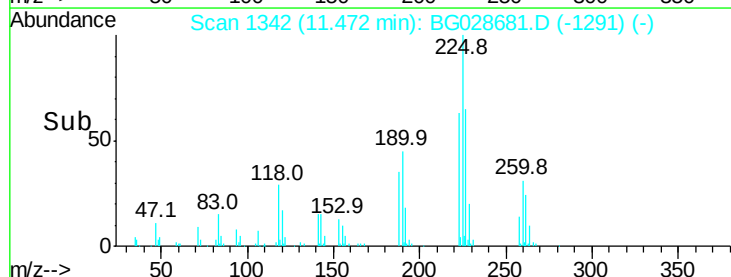
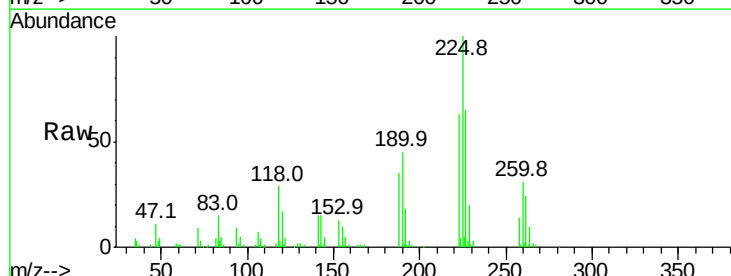
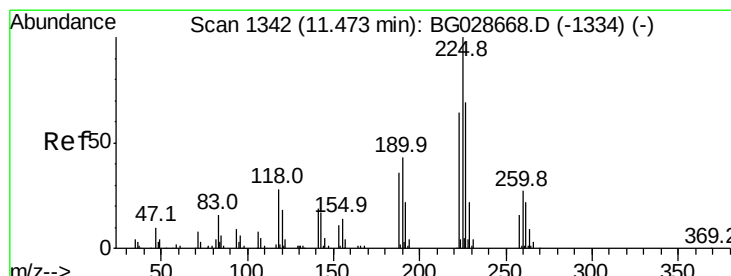
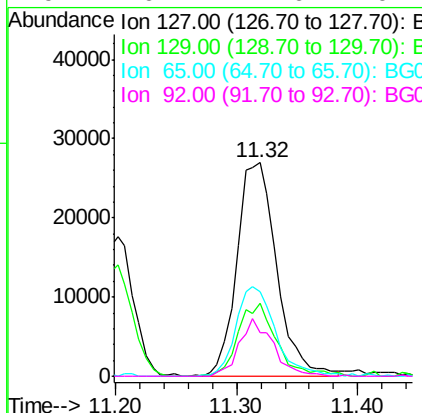
#33
4-Chloroaniline
Concen: 23.887 ng
RT: 11.32 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	23.6	35.4
65	39.8	37.7	56.5
92	20.7	17.6	26.4

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

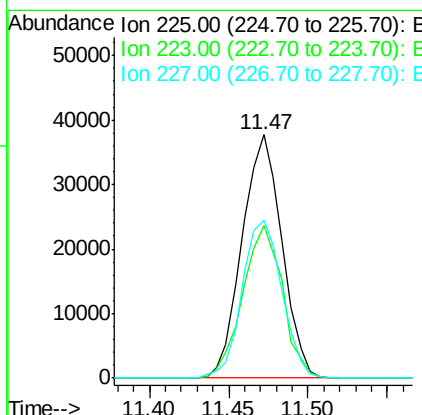
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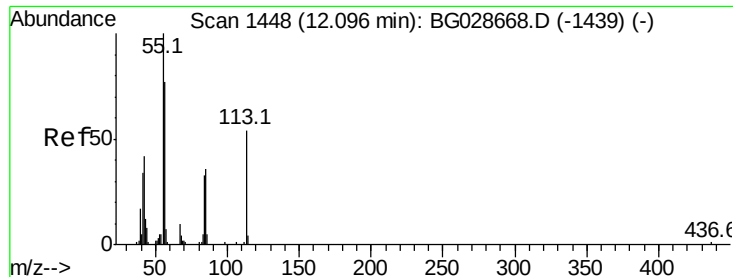
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#34
Hexachlorobutadiene
Concen: 36.787 ng
RT: 11.47 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	64.7	49.0	73.6





#35

Caprolactam

Concen: 46.771 ng

RT: 12.08 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

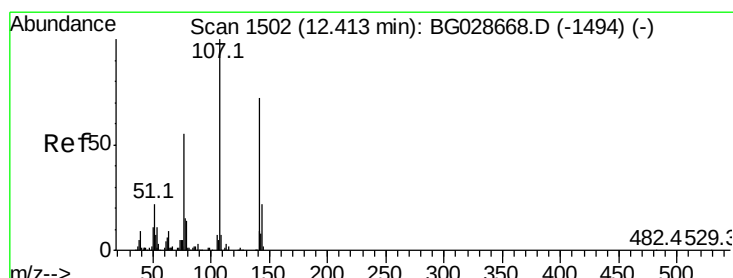
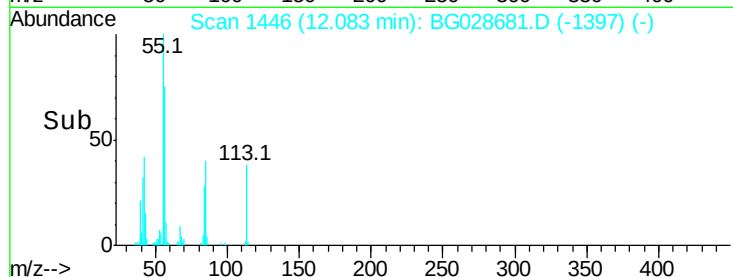
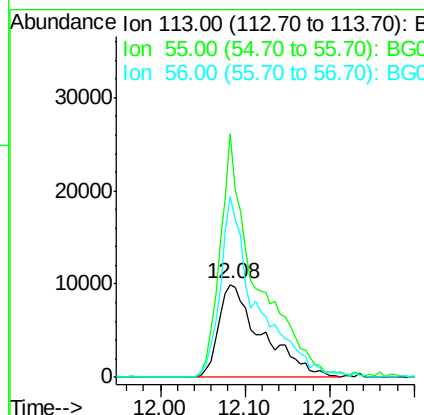
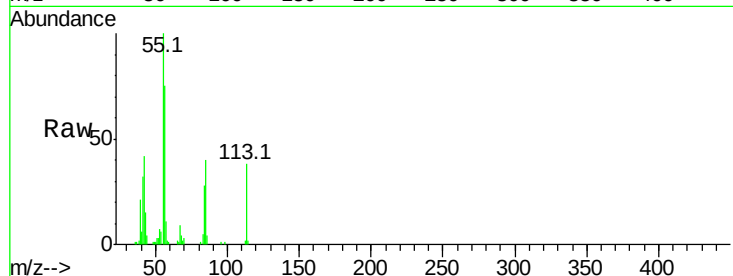
ClientSampleId :

EP-13MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	261.5	198.6	238.6#
56	194.9	140.4	180.4#

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#36

4-Chloro-3-methylphenol

Concen: 42.463 ng

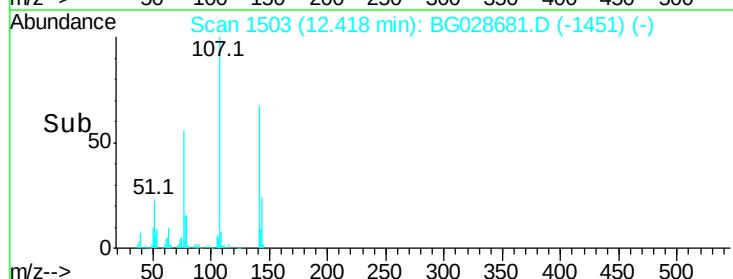
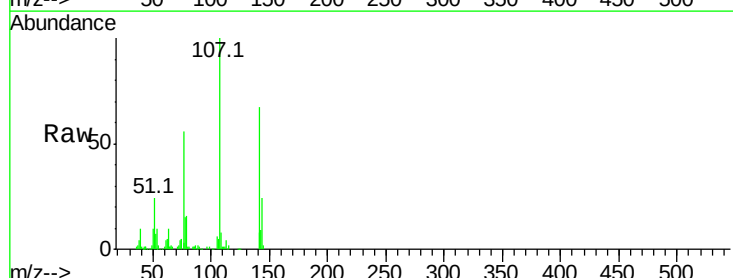
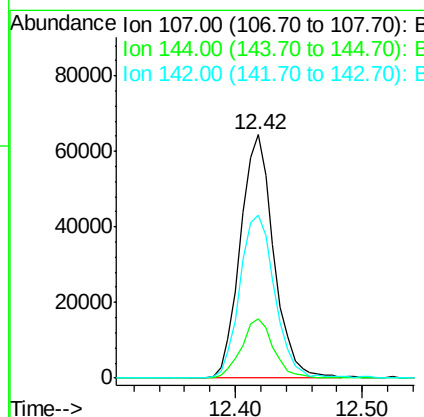
RT: 12.42 min Scan# 1503

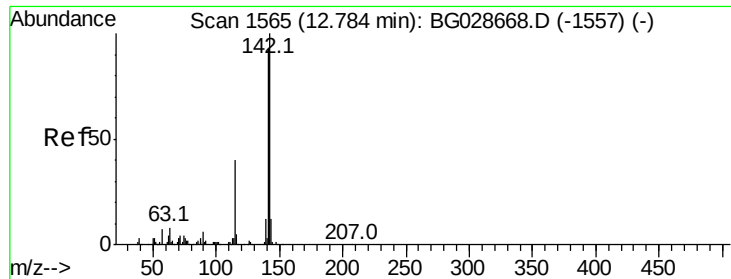
Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	17.4	26.0
142	67.1	54.1	81.1





#37

2-Methylnaphthalene

Concen: 43.321 ng

RT: 12.78 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

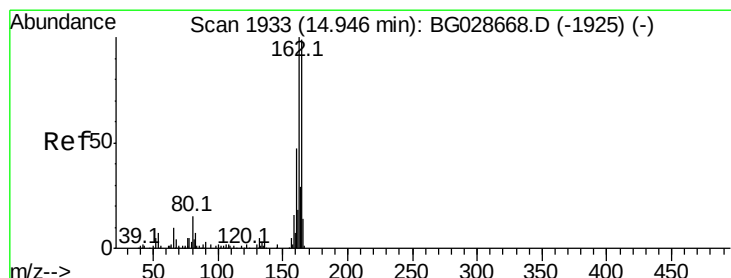
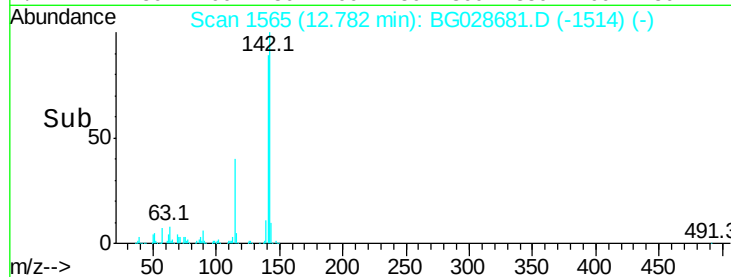
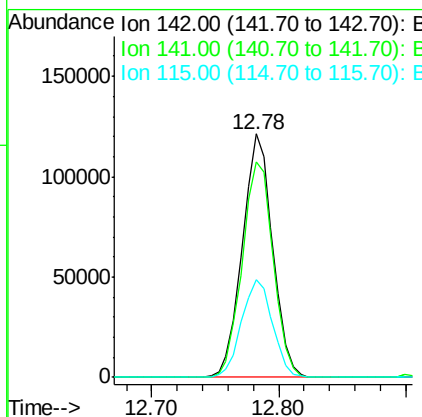
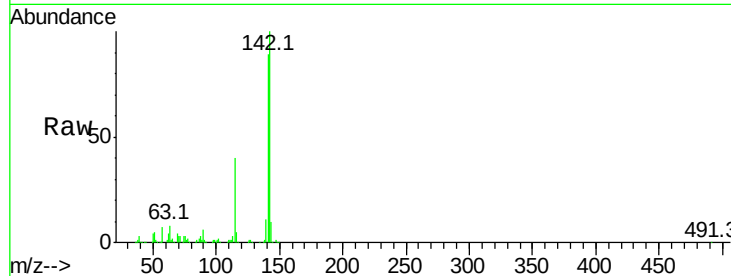
ClientSampleId :

EP-13MSD

Tot Ion:	142	Resp:	200517
Ion Ratio	Lower	Upper	
142	100		
141	88.7	70.4	105.6
115	40.2	35.5	53.3

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

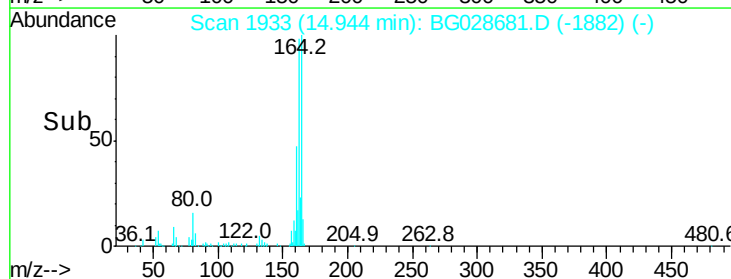
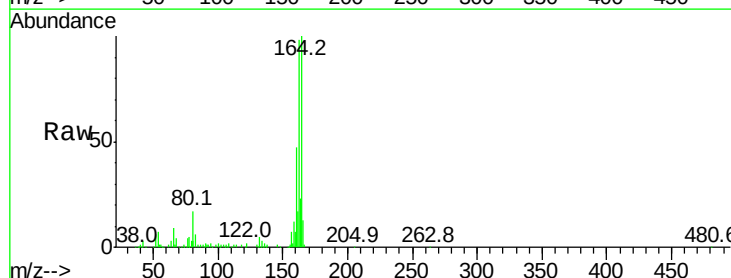
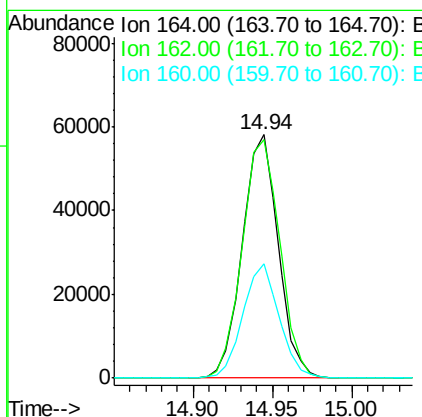
RT: 14.94 min Scan# 1933

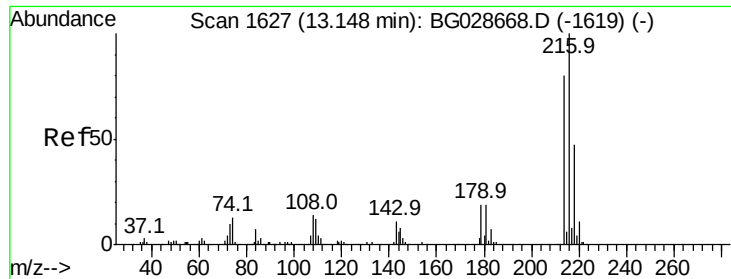
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	164	Resp:	91470
Ion Ratio	Lower	Upper	
164	100		
162	98.1	85.1	127.7
160	46.9	34.7	52.1





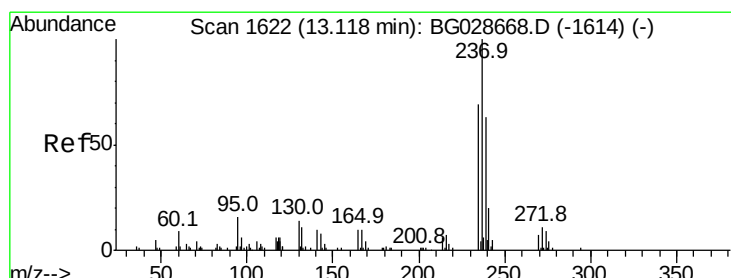
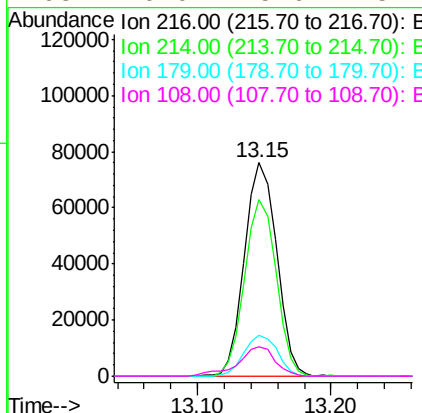
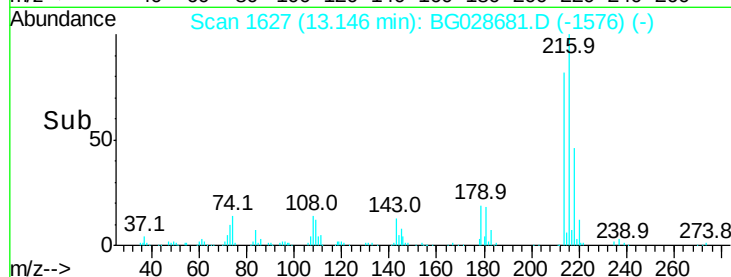
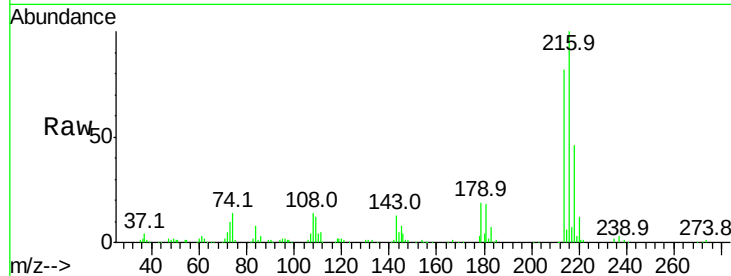
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.869 ng
 RT: 13.15 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.8	64.4	96.6
179	19.8	17.4	26.0
108	16.0	15.6	23.4

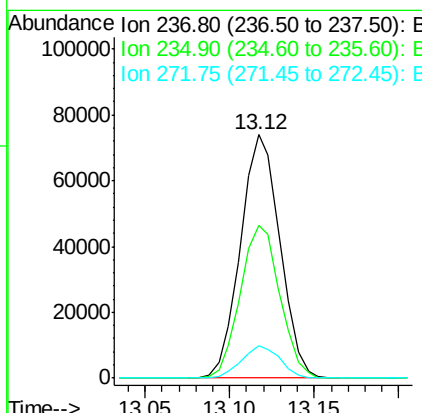
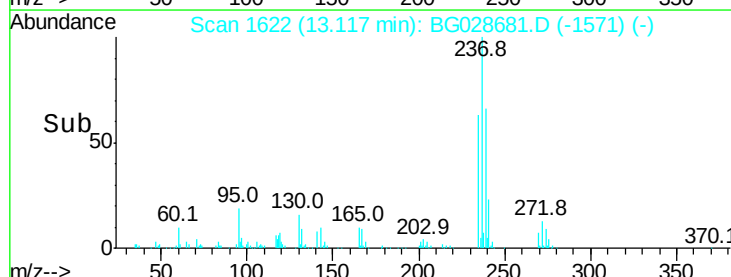
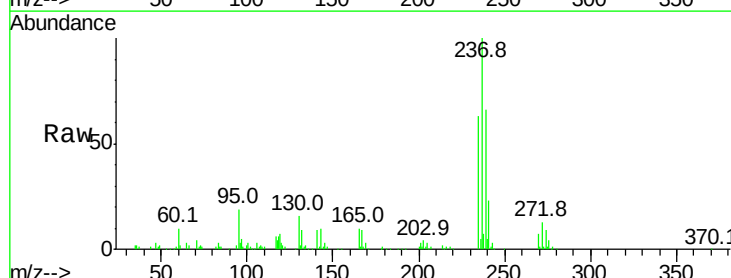
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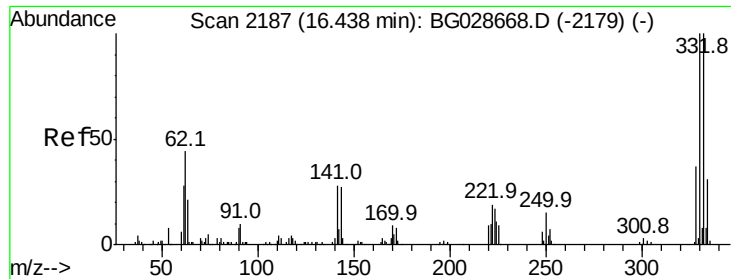
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#40
 Hexachlorocyclopentadiene
 Concen: 81.802 ng
 RT: 13.12 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	39.4	79.4
272	13.3	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 124.008 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

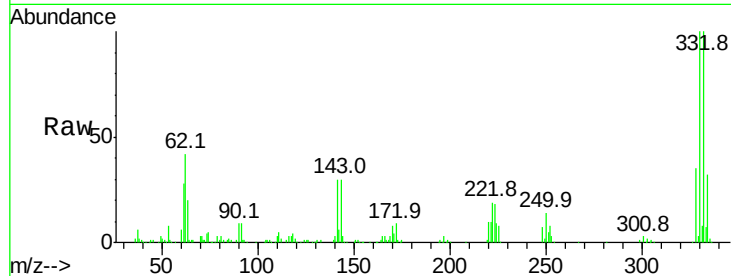
EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187606		
332	97.8	77.3	115.9	
141	30.4	32.1	48.1#	

Manual Integrations
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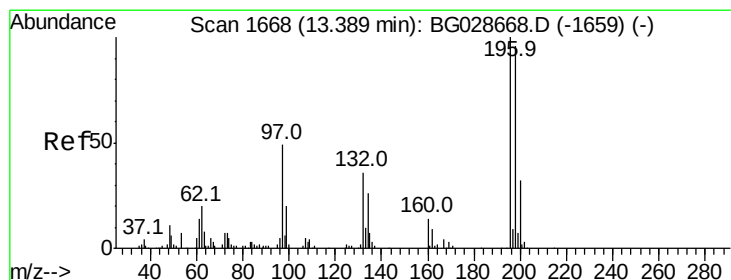
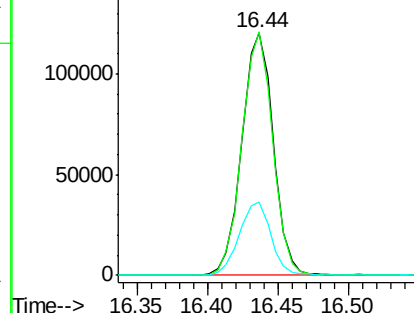
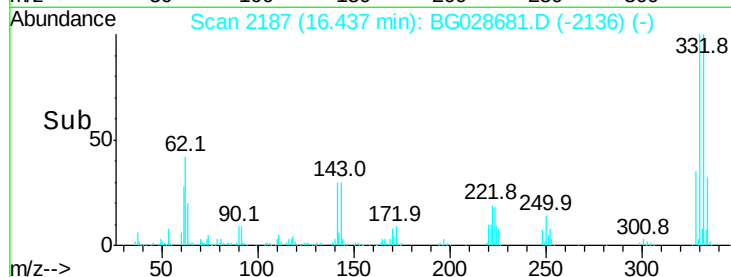


Abundance

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: 37.470 ng

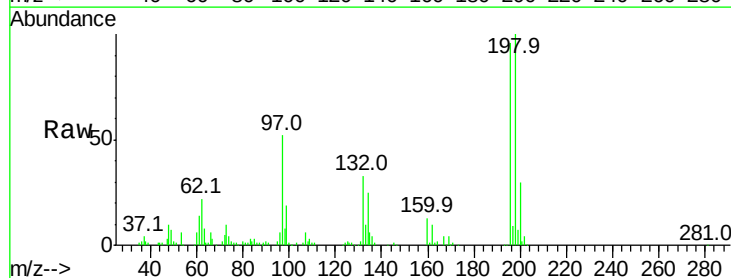
RT: 13.39 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89443		
198	104.7	81.4	122.2	
200	31.8	27.0	40.6	

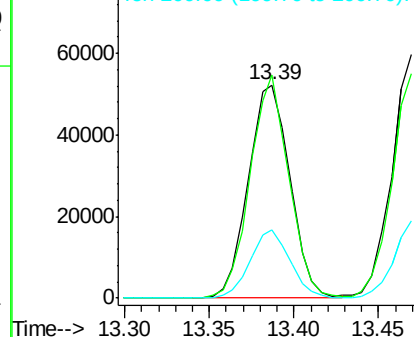
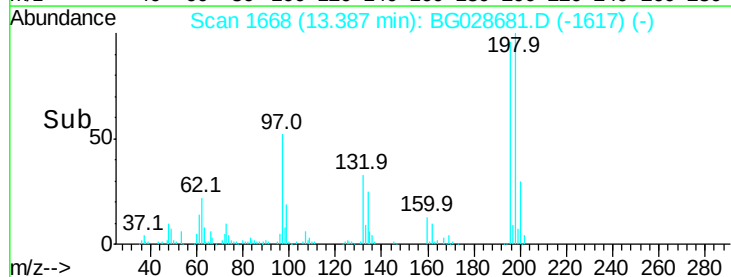


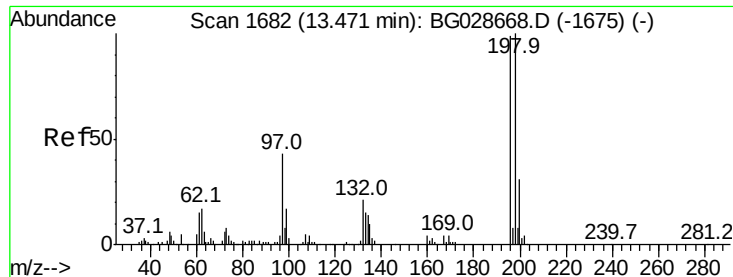
Abundance

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





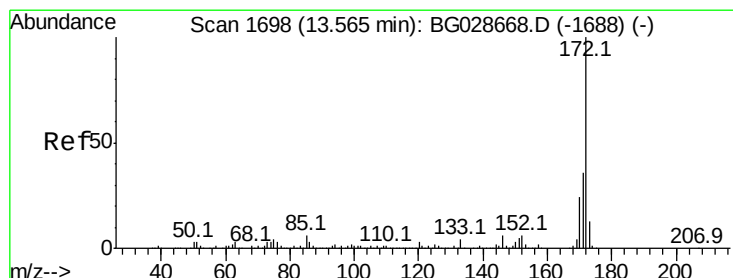
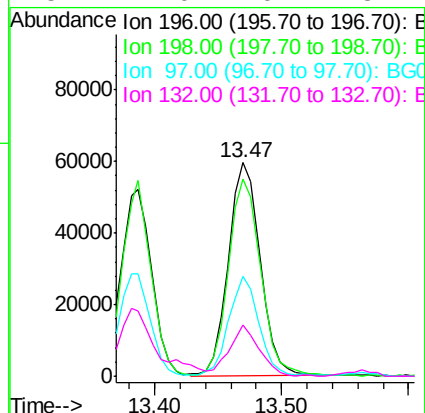
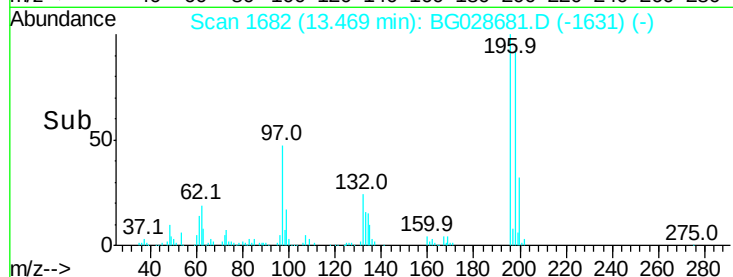
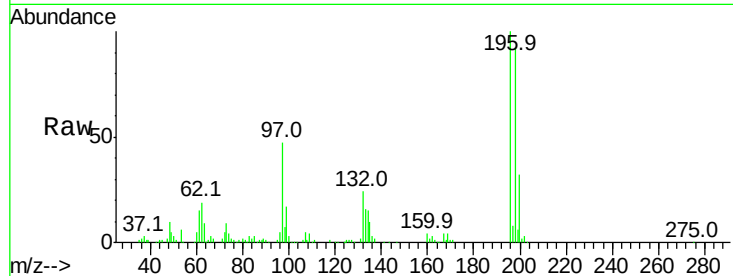
#43
 2,4,5-Trichlorophenol
 Concen: 42.892 ng
 RT: 13.47 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102881		
198	92.2	79.9	119.9	
97	46.6	45.4	68.0	
132	24.0	20.7	31.1	

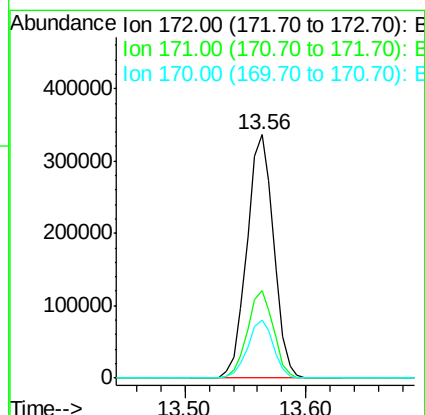
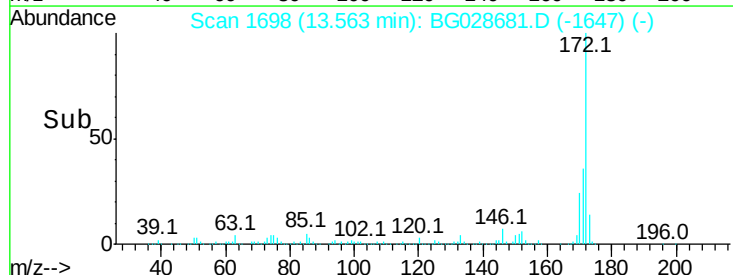
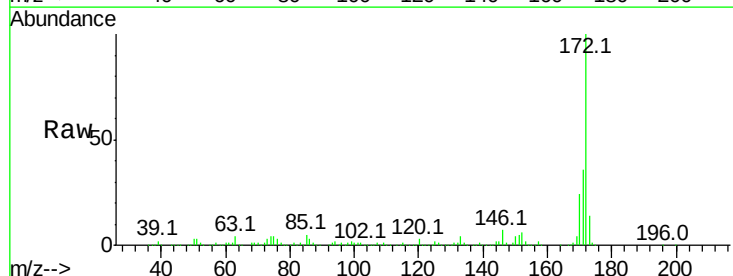
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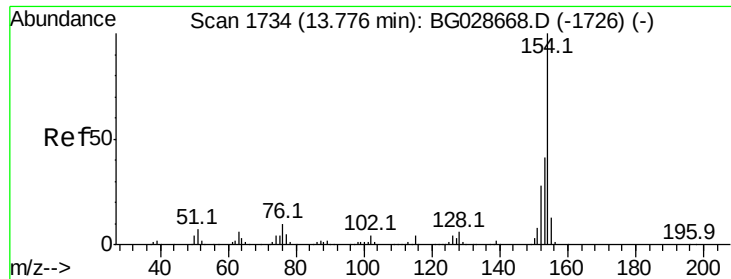
Sohil
 9/13/2017 6:00:13 PM



#44
 2-Fluorobiphenyl
 Concen: 75.858 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	520370		
171	36.0	32.2	48.2	
170	23.7	21.8	32.6	





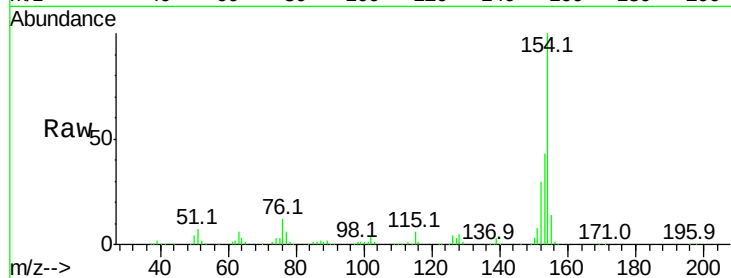
#45
 1,1'-Biphenyl
 Concen: 36.371 ng
 RT: 13.78 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

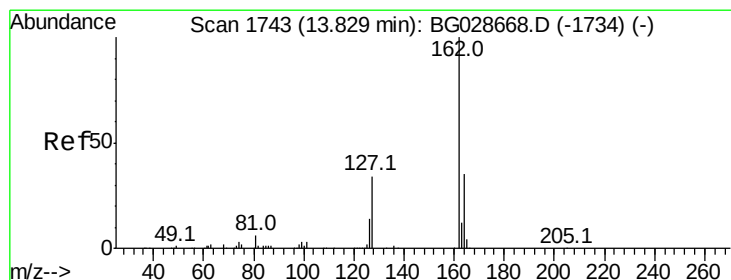
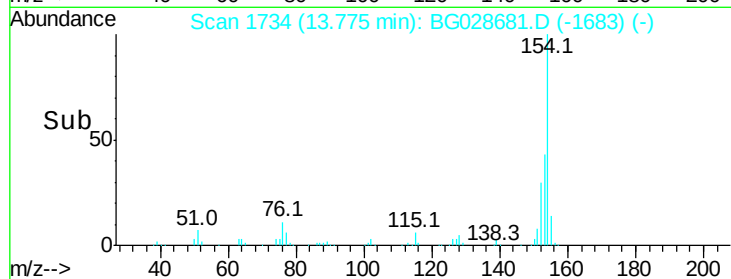
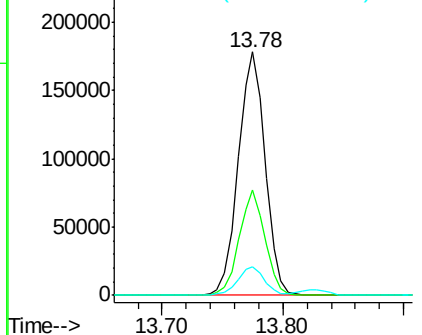
Tot Ion:	154	Resp:	275450
Ion Ratio	Lower	Upper	
154	100		
153	43.1	23.0	63.0
76	11.6	0.0	33.5

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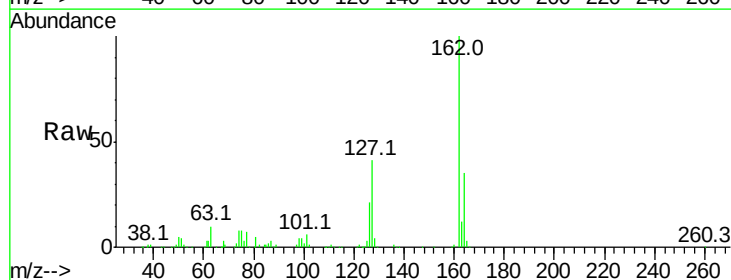


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

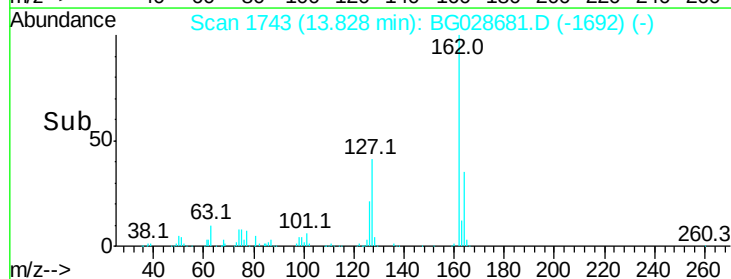
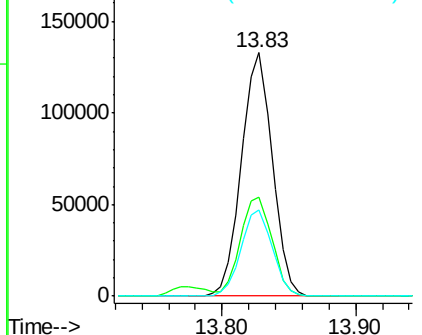


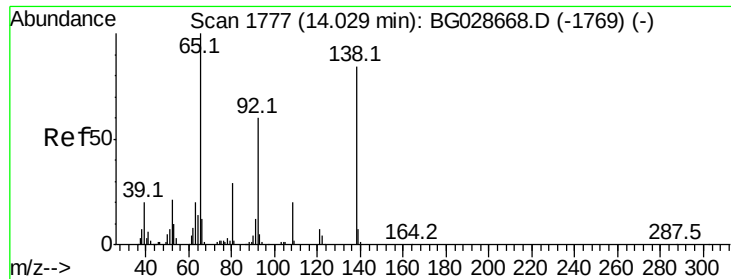
#46
 2-Chloronaphthalene
 Concen: 38.451 ng
 RT: 13.83 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion:	162	Resp:	212397
Ion Ratio	Lower	Upper	
162	100		
127	40.6	32.2	48.4
164	35.2	27.3	40.9



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





#47

2-Nitroaniline

Concen: 42.781 ng

RT: 14.03 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

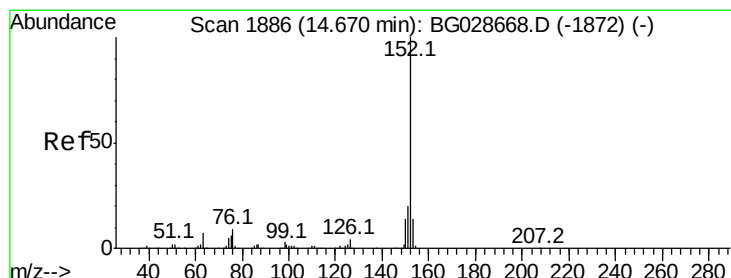
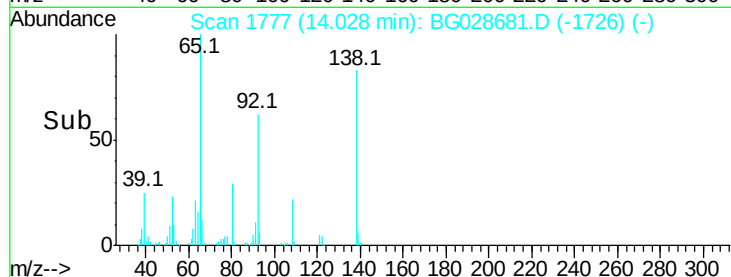
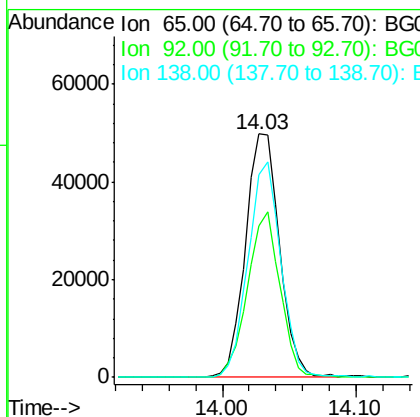
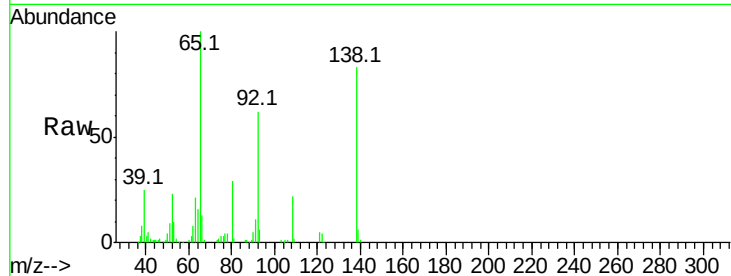
ClientSampleId :

EP-13MSD

Tot Ion:	65	Resp:	87826
Ion Ratio	Lower	Upper	
65	100		
92	62.0	49.0	73.4
138	83.4	58.6	87.8

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#48

Acenaphthylene

Concen: 40.333 ng

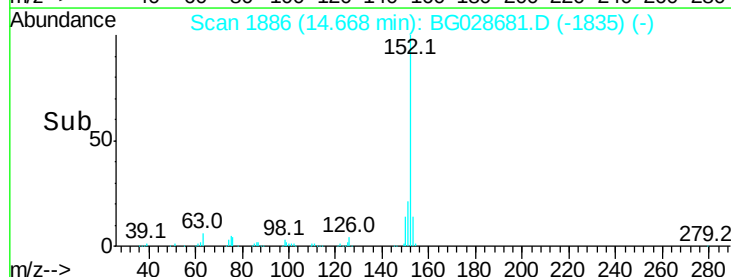
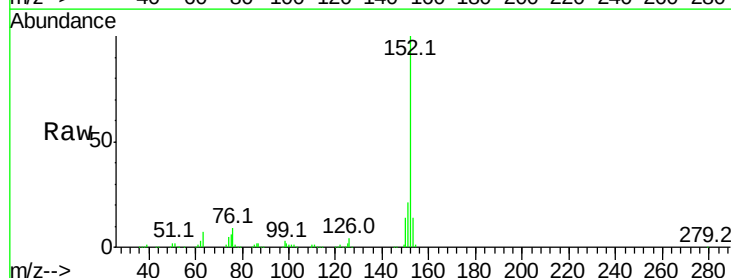
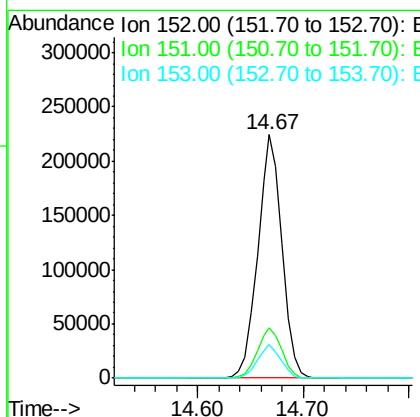
RT: 14.67 min Scan# 1886

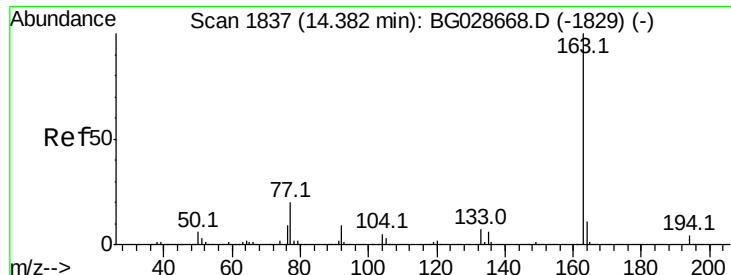
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	152	Resp:	355941
Ion Ratio	Lower	Upper	
152	100		
151	20.7	18.2	27.2
153	13.7	11.3	16.9





#49

Dimethylphthalate

Concen: 49.658 ng

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

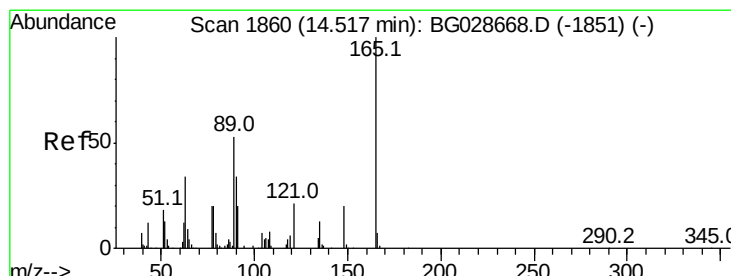
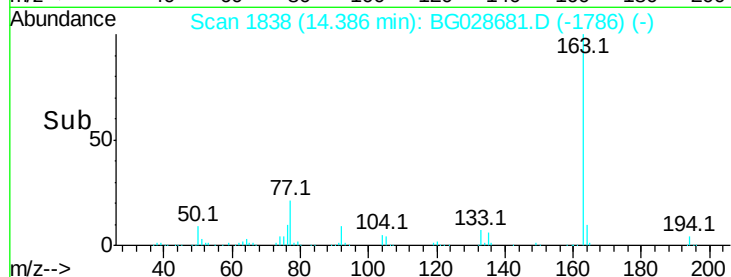
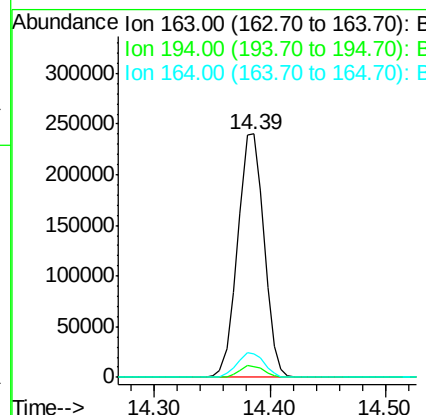
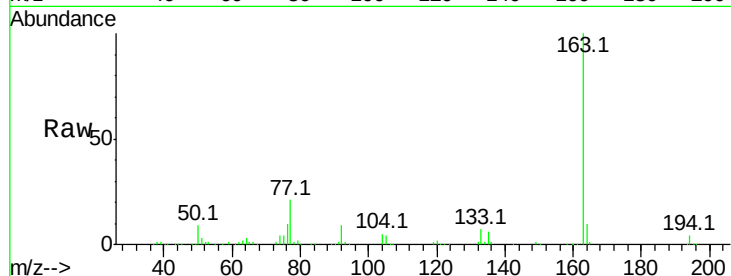
ClientSampled :

EP-13MSD

Tot Ion:	163	Resp:	380886
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.8	5.6
164	9.6	9.3	13.9

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#50

2,6-Dinitrotoluene

Concen: 42.940 ng

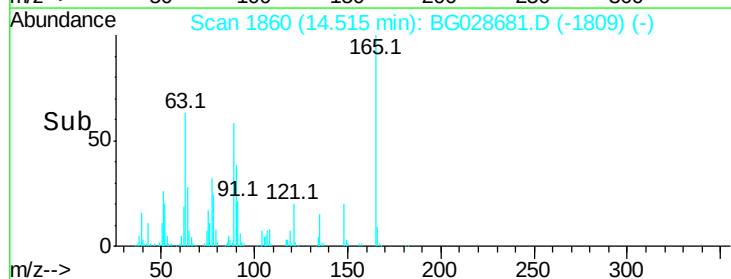
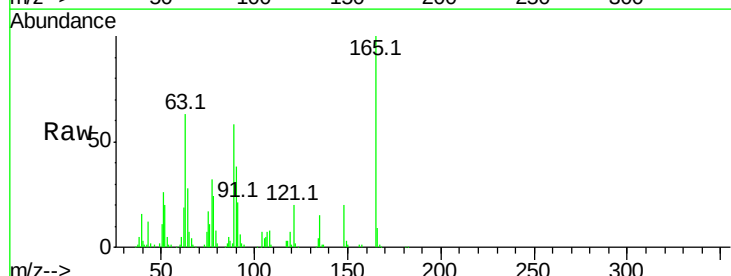
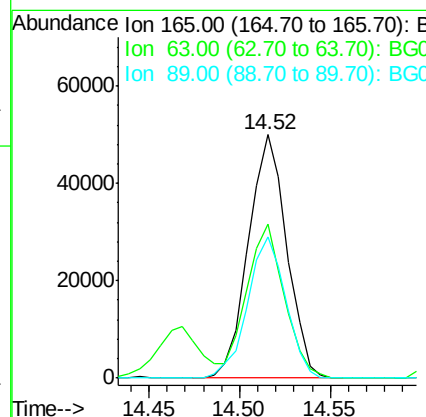
RT: 14.52 min Scan# 1860

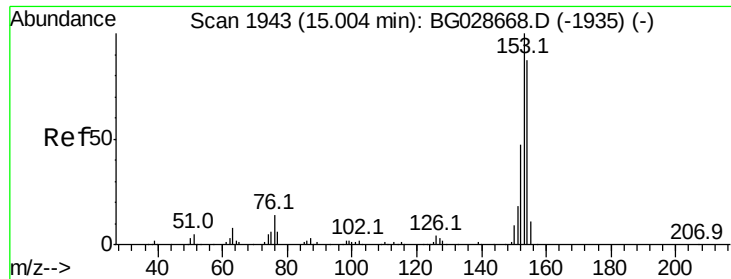
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	165	Resp:	73286
Ion Ratio	Lower	Upper	
165	100		
63	63.4	63.9	95.9#
89	57.8	58.6	88.0#





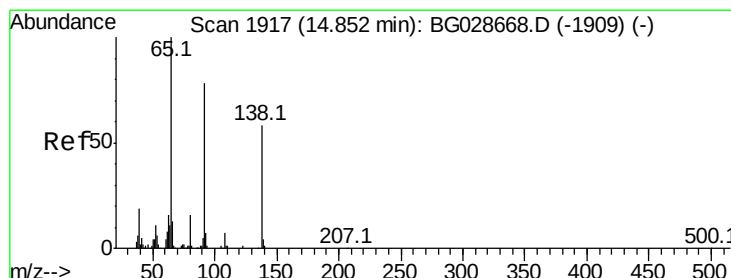
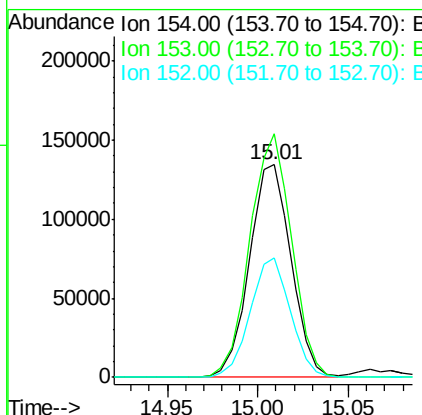
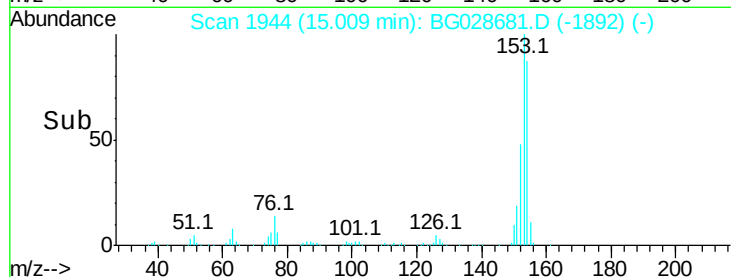
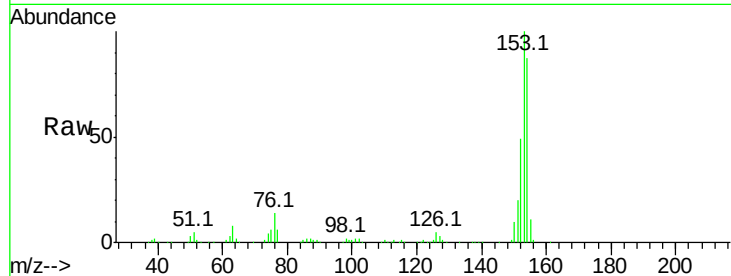
#51
Acenaphthene
Concen: 40.171 ng
RT: 15.01 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	87.8	131.6
152	56.1	42.2	63.4

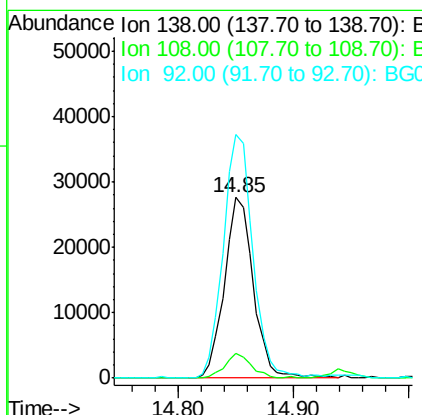
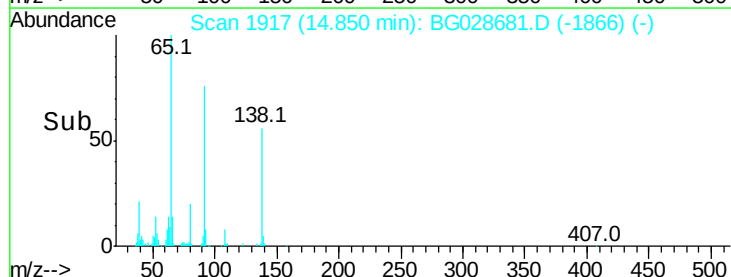
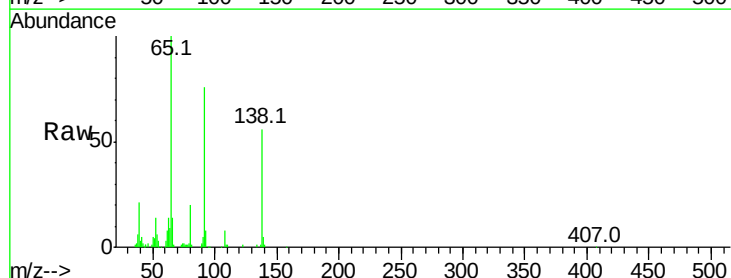
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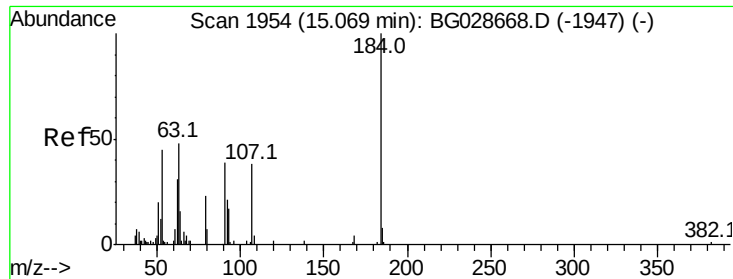
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#52
3-Nitroaniline
Concen: 31.828 ng
RT: 14.85 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.6	10.9	16.3
92	135.0	115.3	172.9





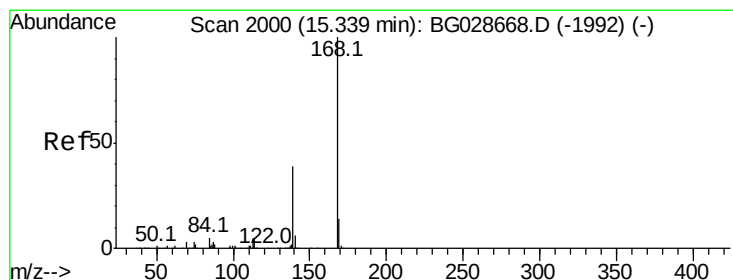
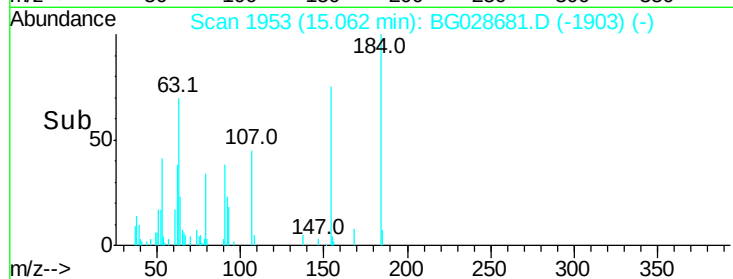
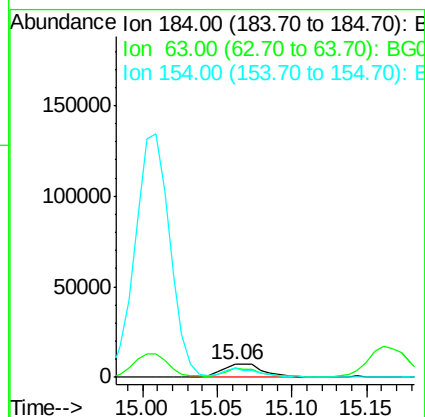
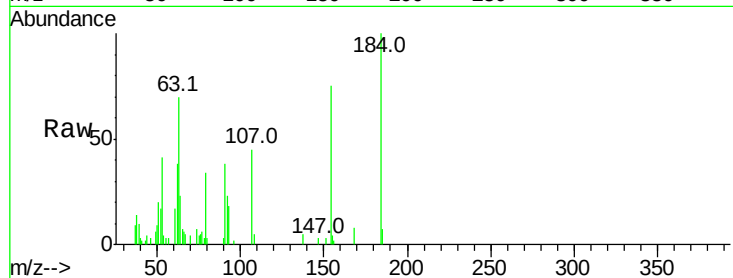
#53
 2,4-Dinitrophenol
 Concen: 22.383 ng
 RT: 15.06 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.8	52.7	79.1
154	74.8	57.3	85.9

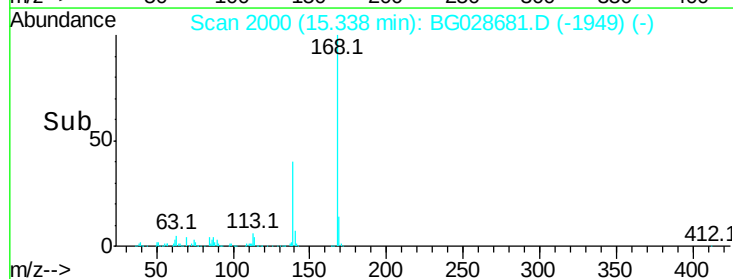
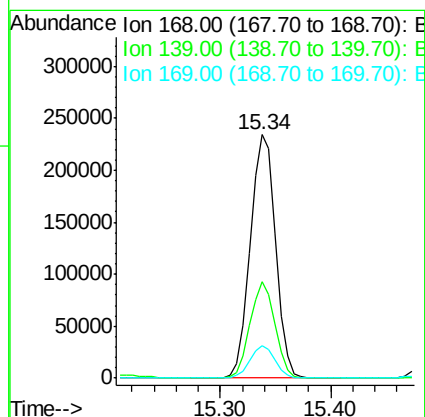
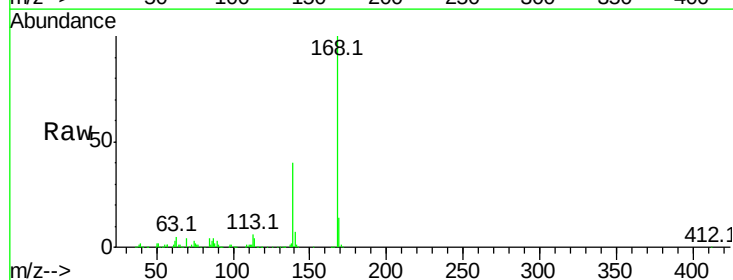
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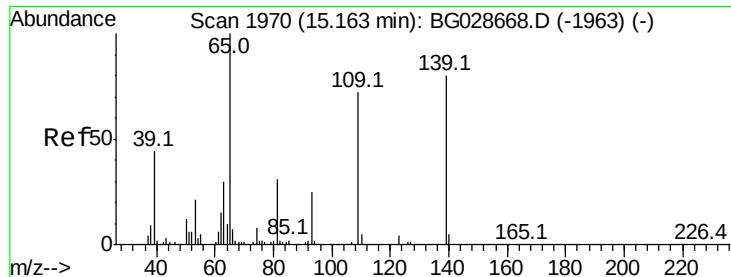
Sohil
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#54
 Dibenzofuran
 Concen: 44.042 ng
 RT: 15.34 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	35.3	52.9
169	13.5	11.5	17.3





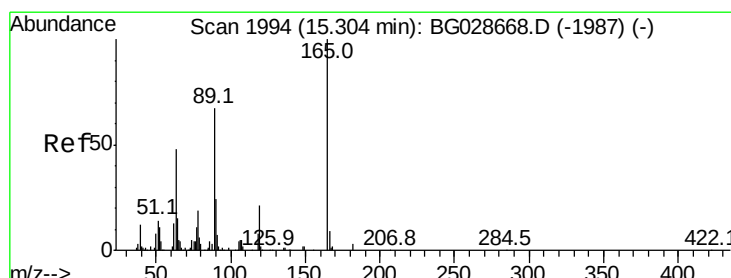
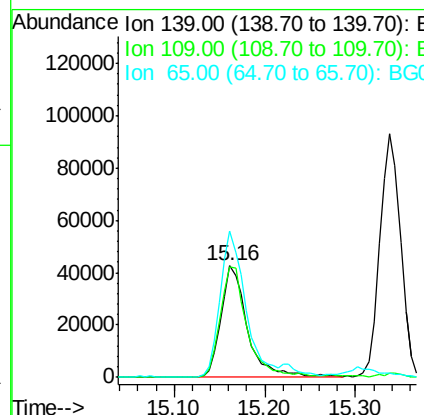
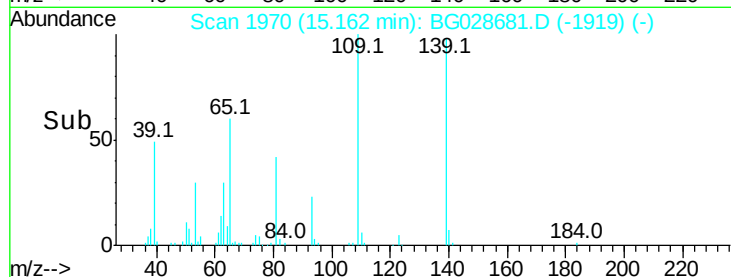
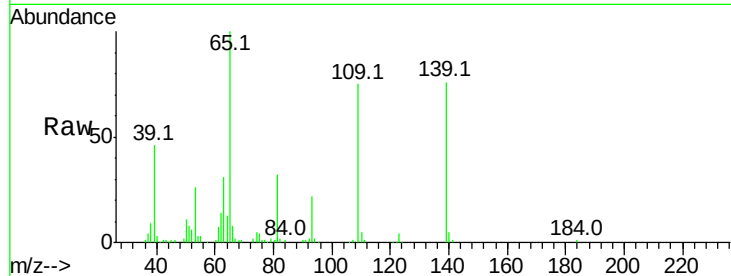
#55
4-Nitrophenol
Concen: 78.089 ng
RT: 15.16 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampled :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	99.1	101.2	141.2#
65	131.3	135.3	175.3#

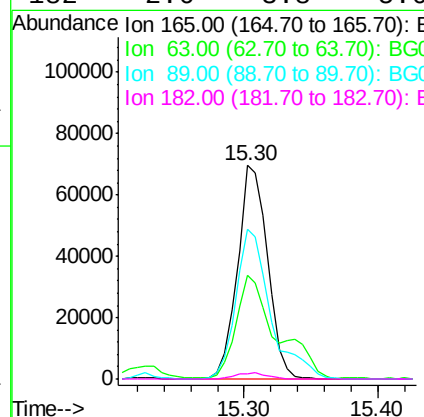
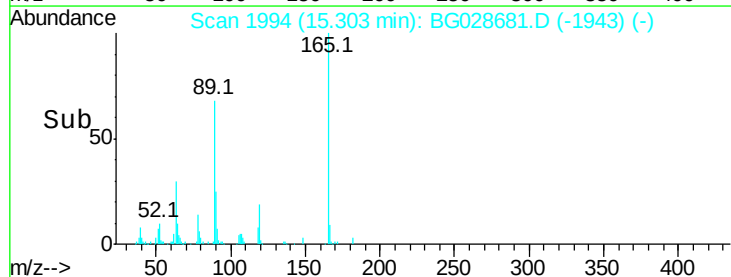
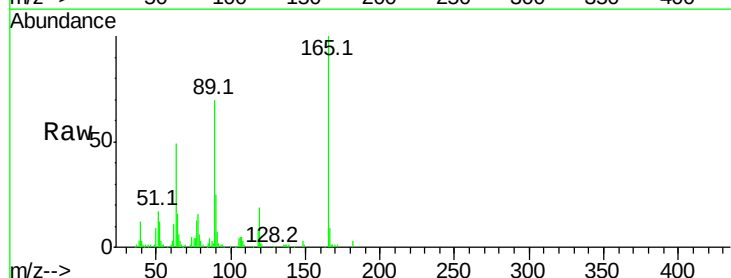
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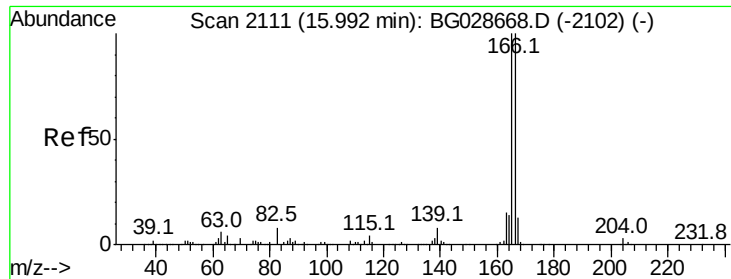
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#56
2,4-Dinitrotoluene
Concen: 45.332 ng
RT: 15.30 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	44.0	66.0
89	70.3	67.3	100.9
182	2.6	3.8	5.6#





#57

Fluorene

Concen: 41.857 ng

RT: 15.99 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

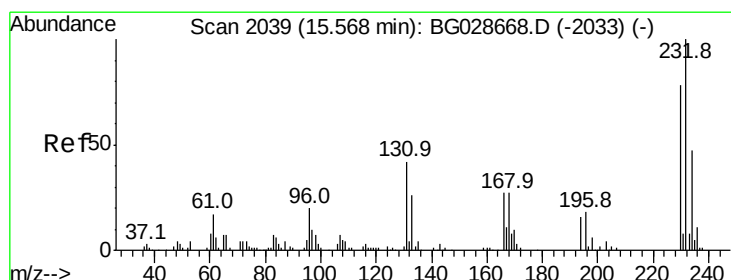
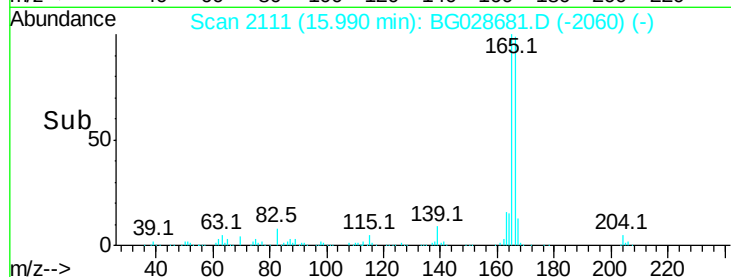
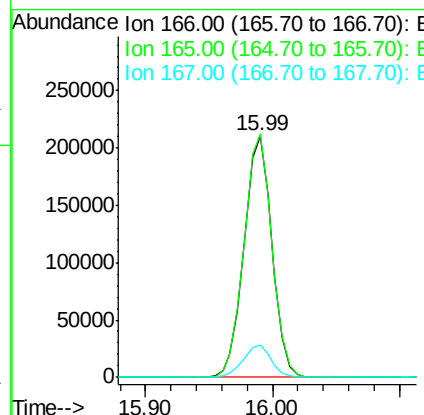
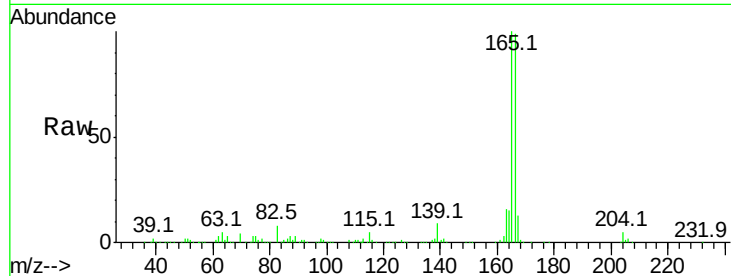
ClientSampleId :

EP-13MSD

Tot Ion:	166	Resp:	319473
Ion Ratio	Lower	Upper	
166	100		
165	100.8	78.6	117.8
167	13.5	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.968 ng

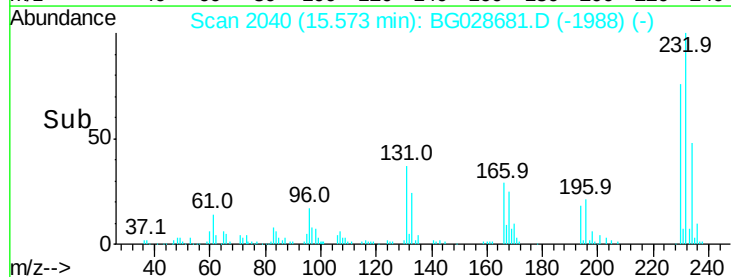
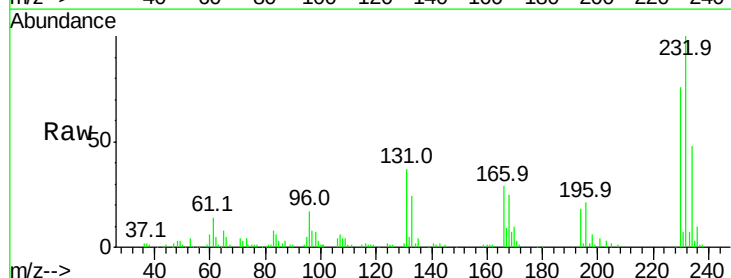
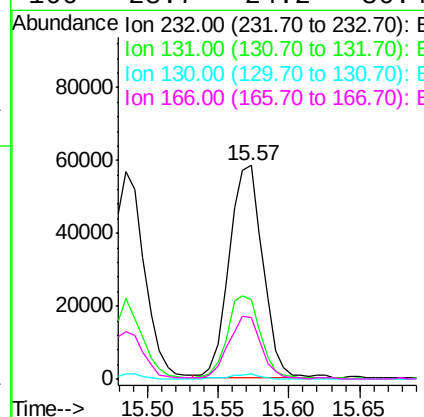
RT: 15.57 min Scan# 2040

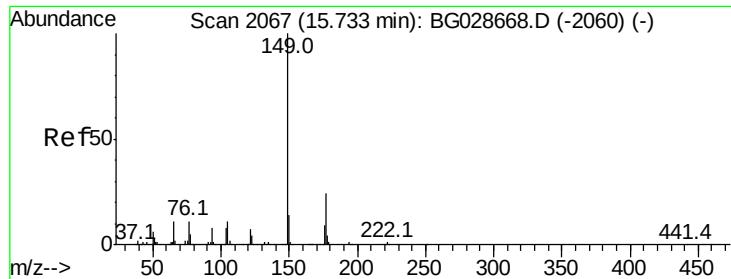
Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	232	Resp:	97174
Ion Ratio	Lower	Upper	
232	100		
131	38.1	34.9	52.3
130	2.1	2.3	3.5#
166	28.7	24.2	36.4





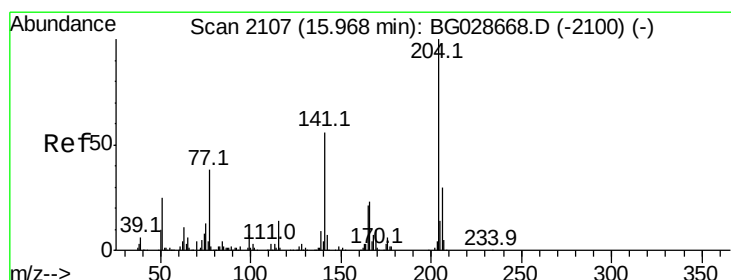
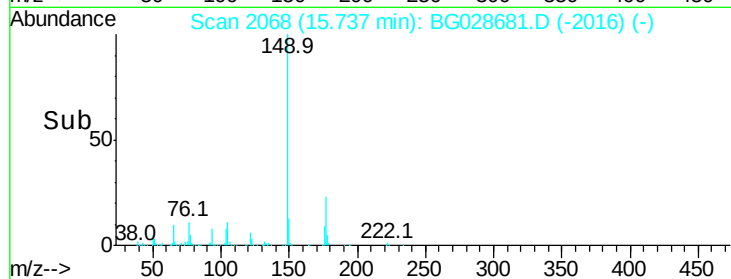
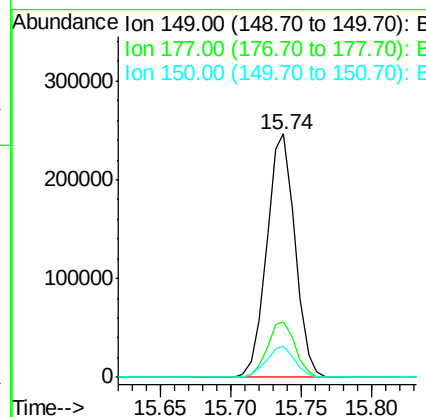
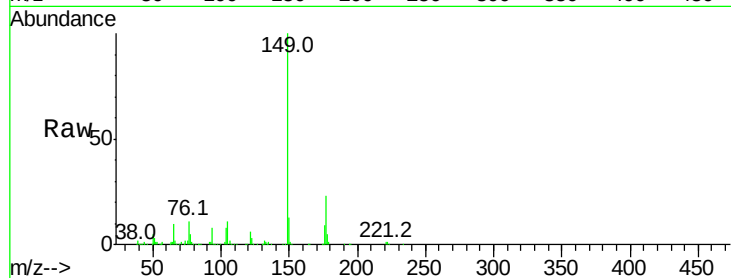
#59
Diethylphthalate
Concen: 43.806 ng
RT: 15.74 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	345291		
177	22.6	20.1	30.1	
150	13.0	10.2	15.2	

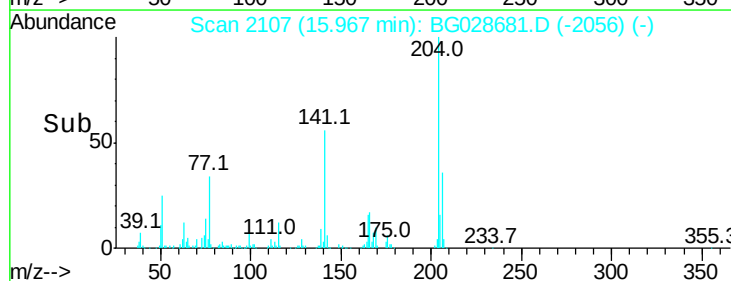
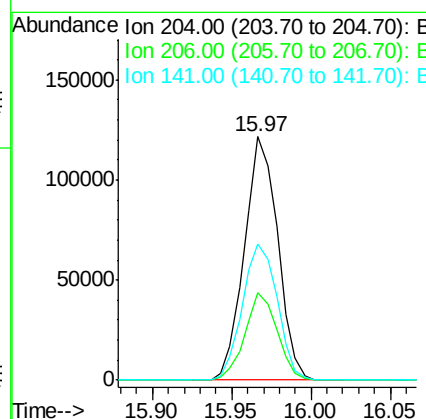
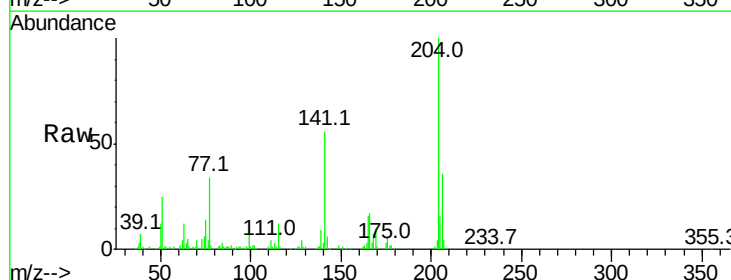
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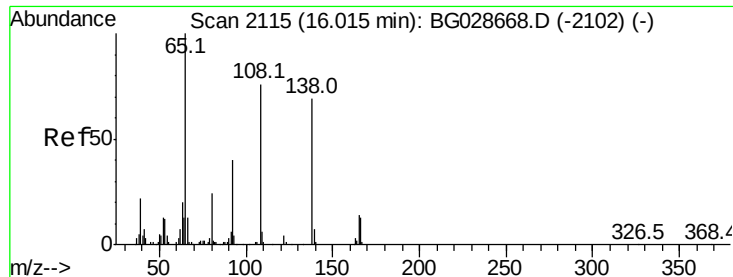
Sohil
9/13/2017 6:00:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.881 ng
RT: 15.97 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	177672		
206	36.0	30.1	45.1	
141	55.7	50.6	76.0	





#61

4-Nitroaniline

Concen: 41.772 ng

RT: 16.02 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

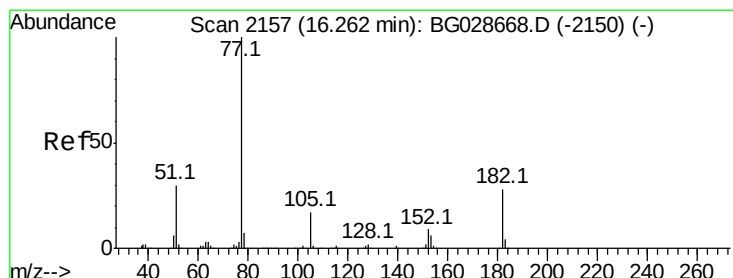
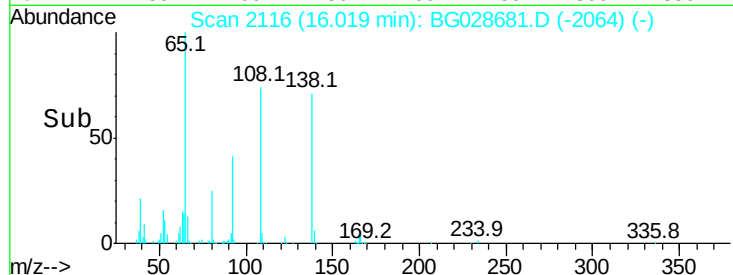
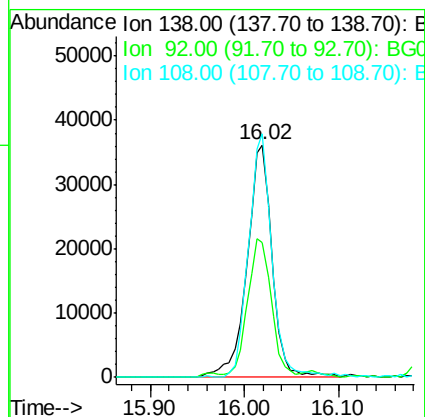
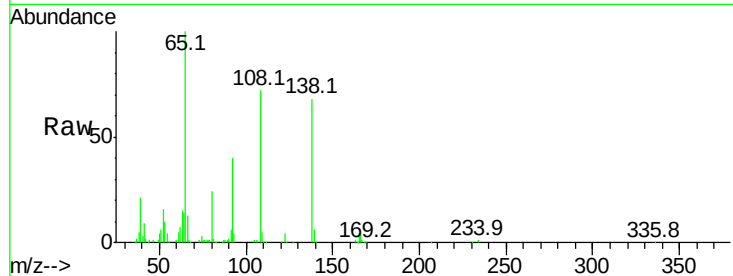
ClientSampled :

EP-13MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.0	44.2	84.2
108	104.7	104.8	144.8#

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9/13/2017 6:00:13 PM



#62

Azobenzene

Concen: 46.169 ng

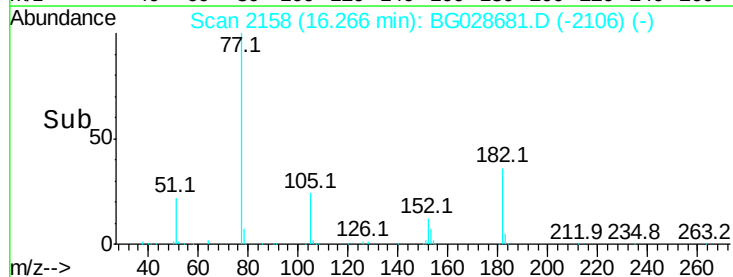
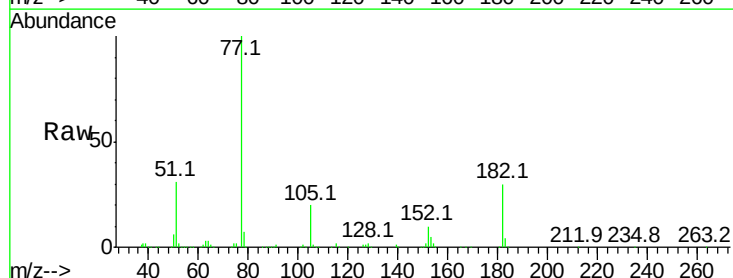
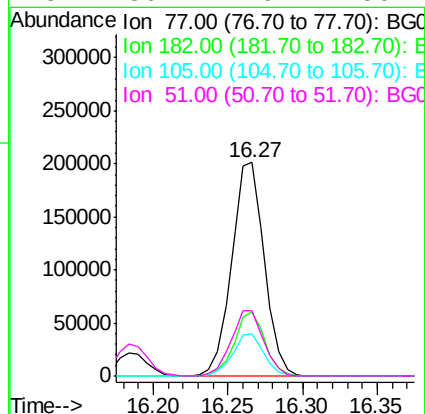
RT: 16.27 min Scan# 2158

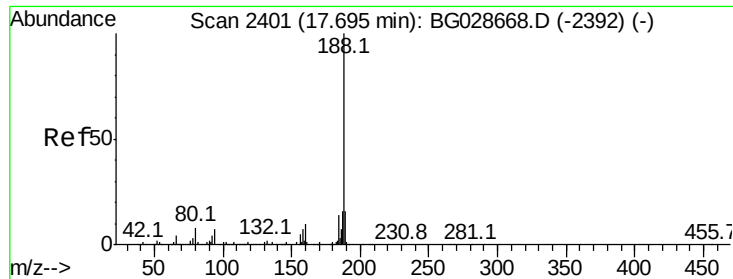
Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.0	4.7	44.7
105	19.9	0.0	36.3
51	30.7	16.4	56.4





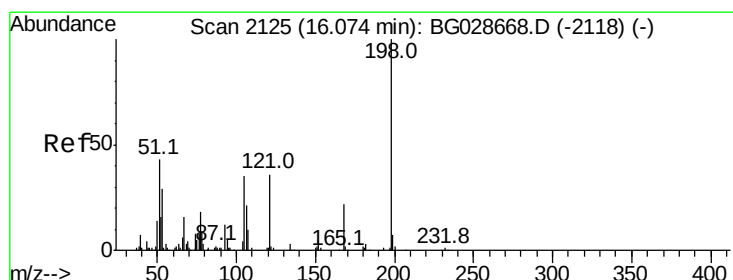
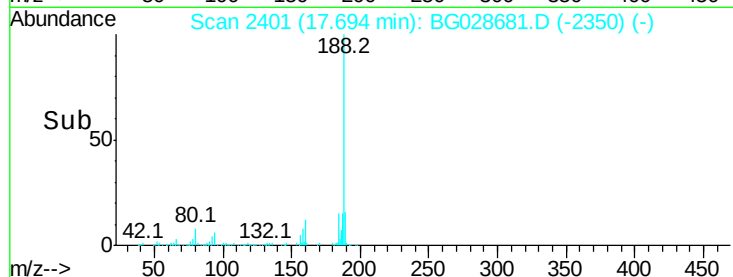
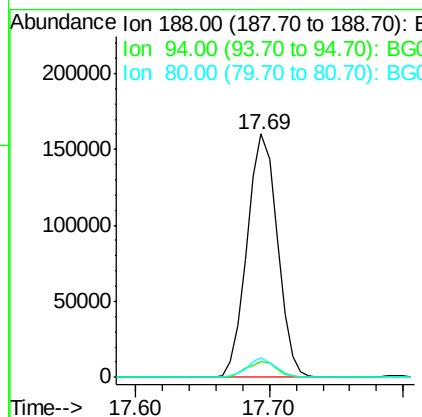
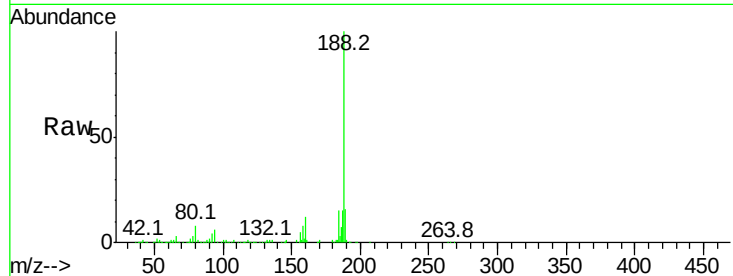
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.3	5.8	8.8
80	8.1	7.5	11.3

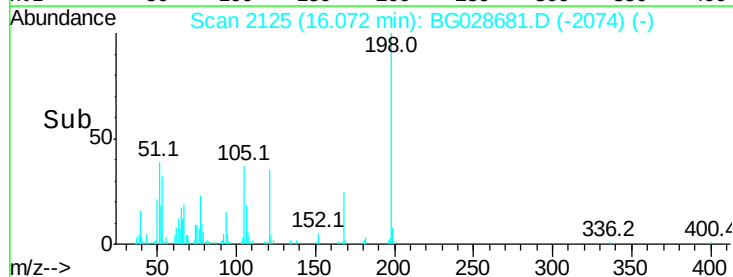
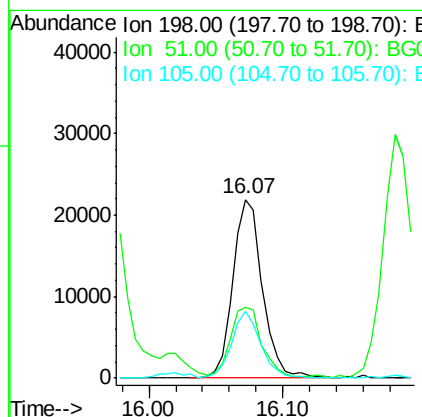
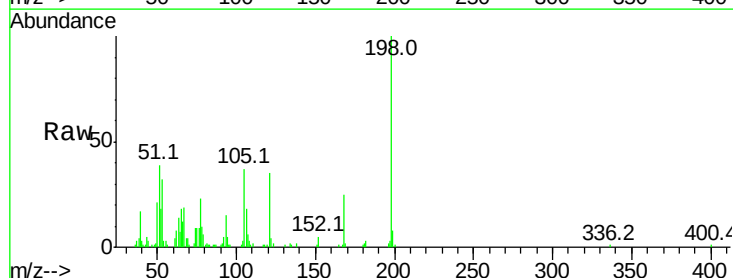
Manual Integrations
APPROVED

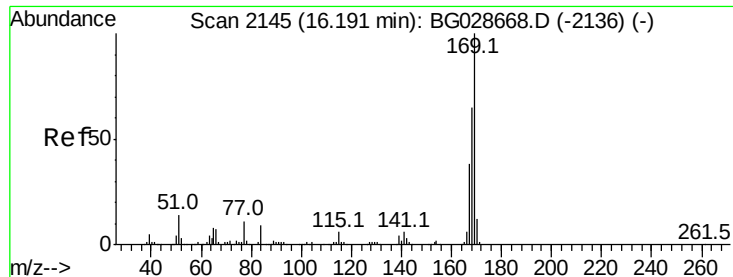
Sohil
9/13/2017 6:00:13 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.974 ng
RT: 16.07 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	39.3	22.6	62.6
105	37.3	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 38.418 ng

RT: 16.19 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

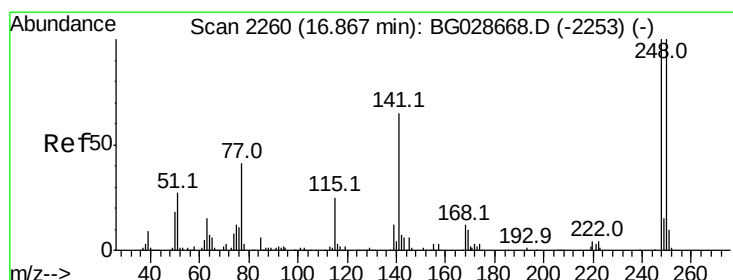
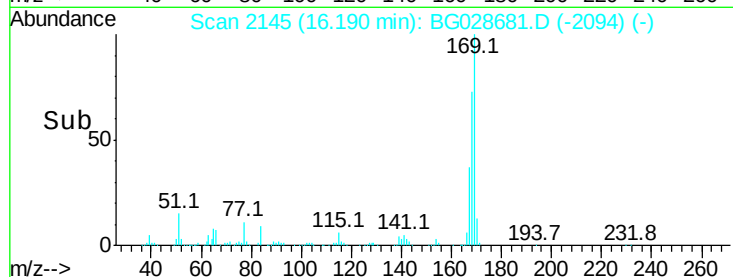
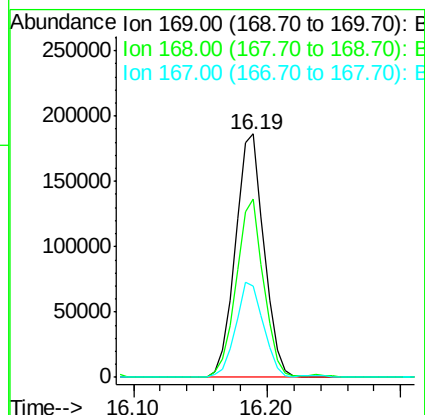
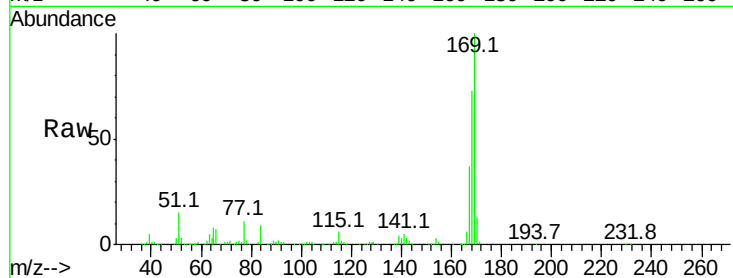
ClientSampled :

EP-13MSD

Tot Ion:	169	Resp:	276462
Ion Ratio	Lower	Upper	
169	100		
168	73.5	55.7	83.5
167	37.4	29.8	44.6

Manual Integrations
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9/13/2017 6:00:13 PM



#66

4-Bromophenyl-phenylether

Concen: 39.935 ng

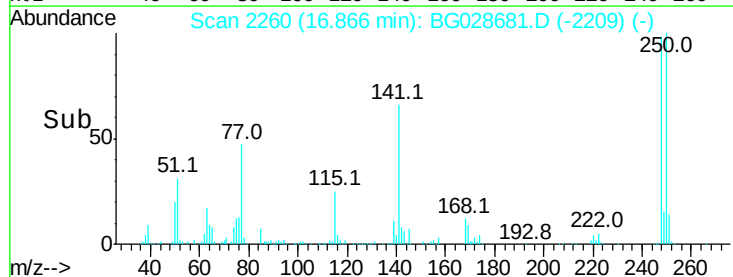
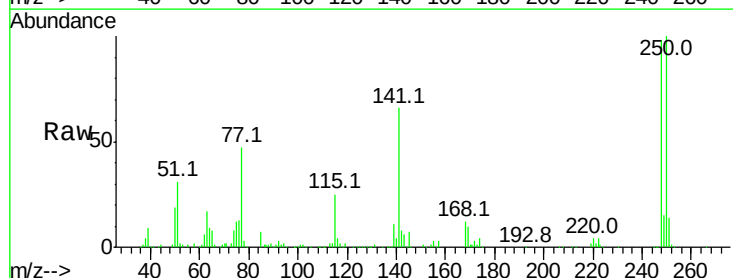
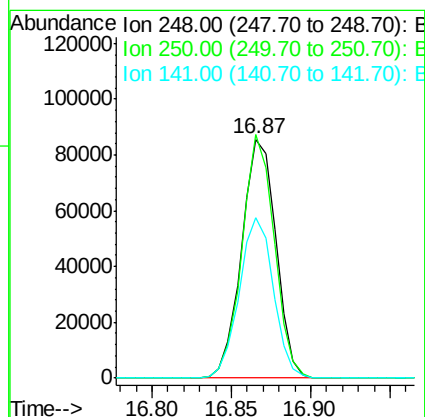
RT: 16.87 min Scan# 2260

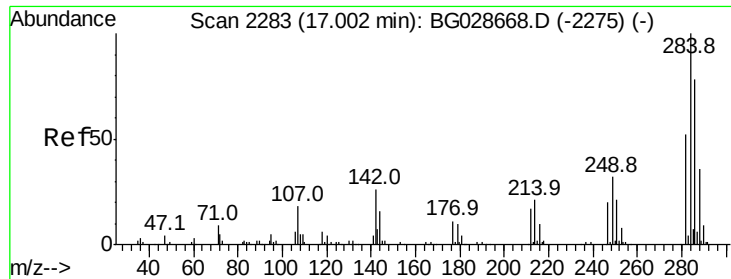
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	248	Resp:	128992
Ion Ratio	Lower	Upper	
248	100		
250	102.0	75.0	112.6
141	67.0	55.2	82.8





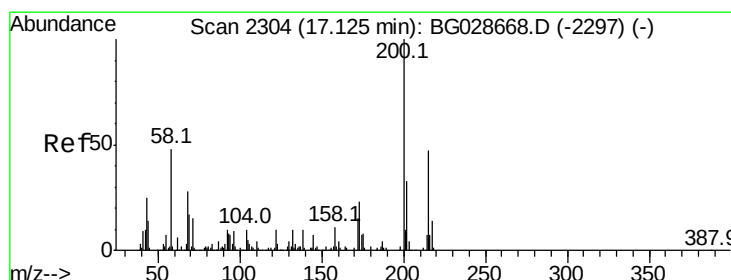
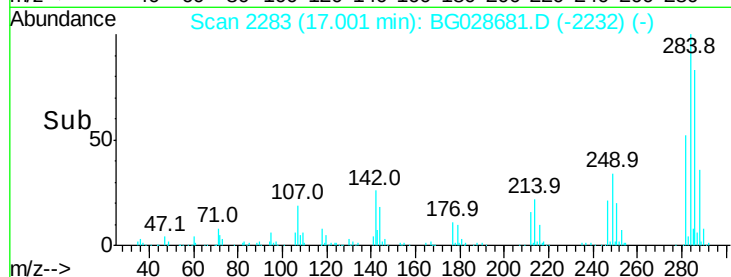
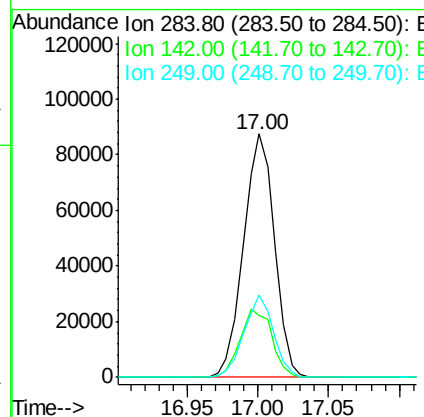
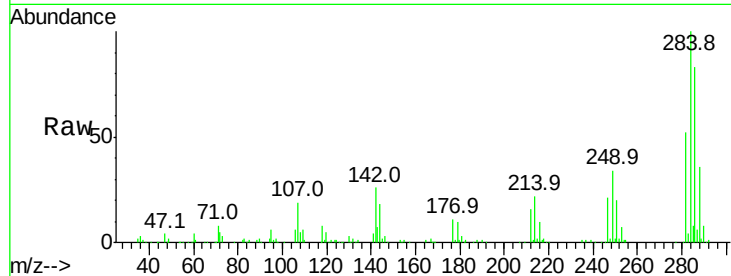
#67
Hexachlorobenzene
Concen: 36.472 ng
RT: 17.00 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	25.7	29.9	44.9	
249	33.6	29.2	43.8	

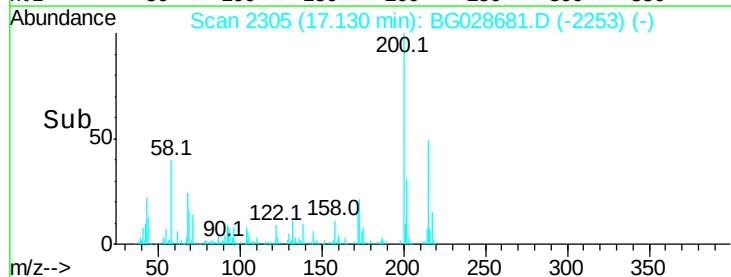
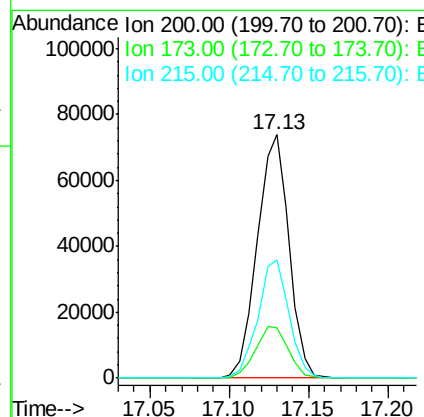
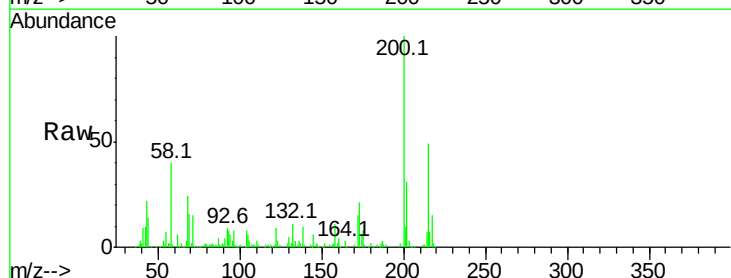
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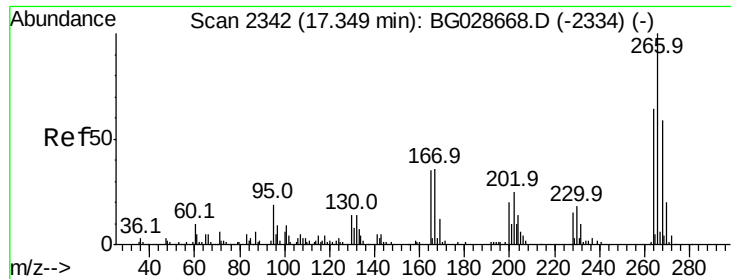
Sohil
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#68
Atrazine
Concen: 33.203 ng
RT: 17.13 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	20.5	3.0	43.0	
215	48.6	28.4	68.4	





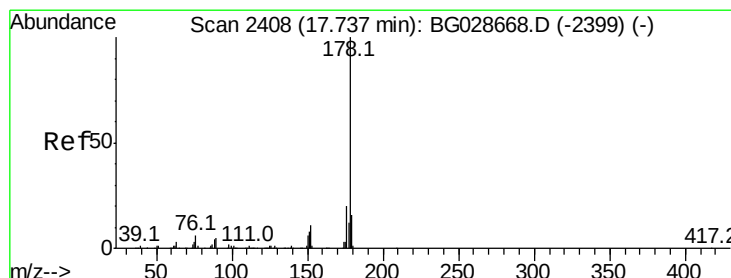
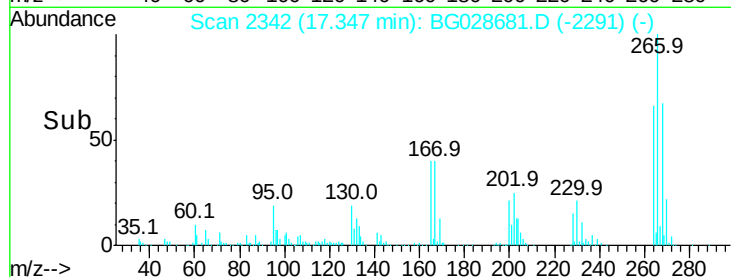
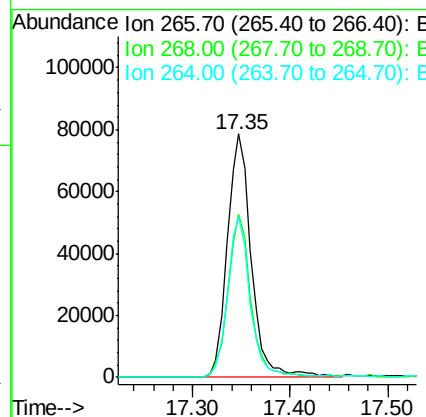
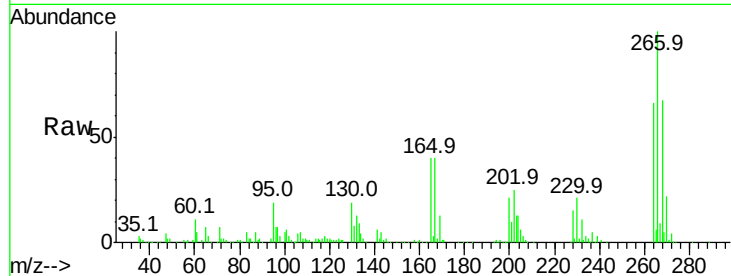
#69
 Pentachlorophenol
 Concen: 80.529 ng
 RT: 17.35 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampled :
 EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	133761		
268	67.2	48.6	72.8	
264	65.9	50.1	75.1	

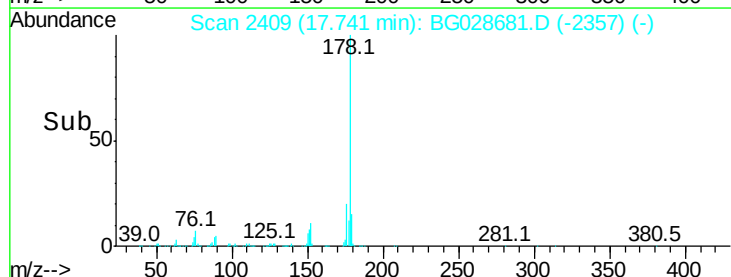
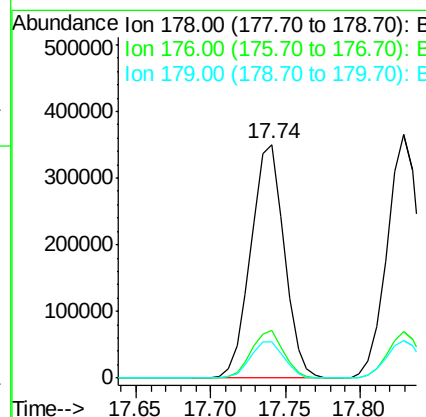
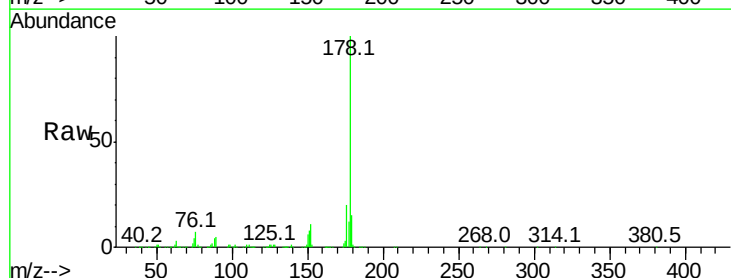
Manual Integrations
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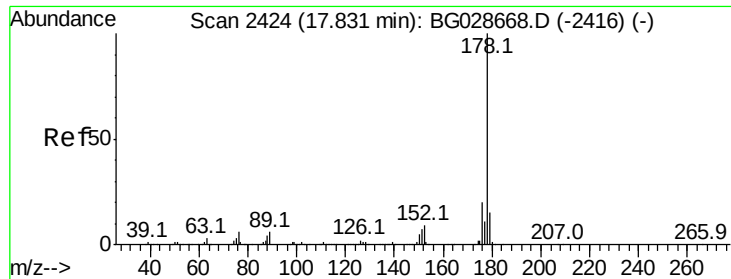
Sohil
 9/13/2017 6:00:13 PM



#70
 Phenanthrene
 Concen: 42.125 ng
 RT: 17.74 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	540775		
176	20.4	17.7	26.5	
179	15.3	15.0	22.6	





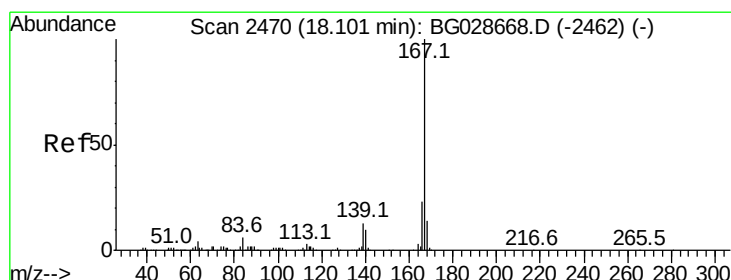
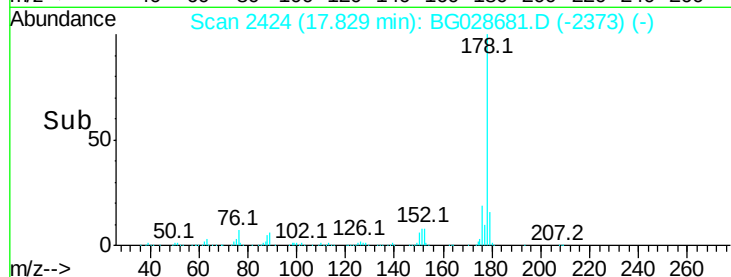
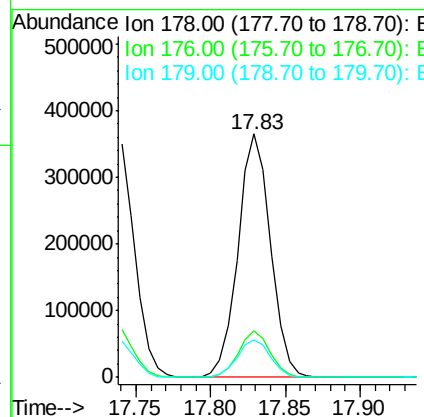
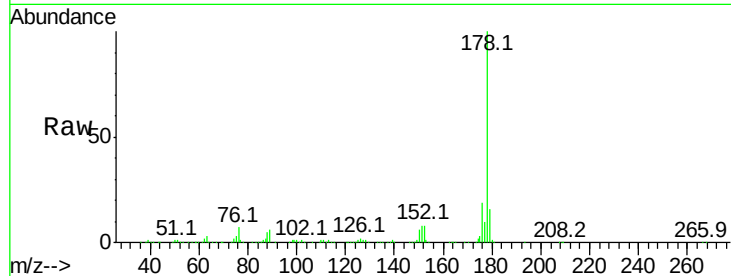
#71
 Anthracene
 Concen: 42.397 ng
 RT: 17.83 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampled :
 EP-13MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.4	24.6
179	15.7	13.8	20.8

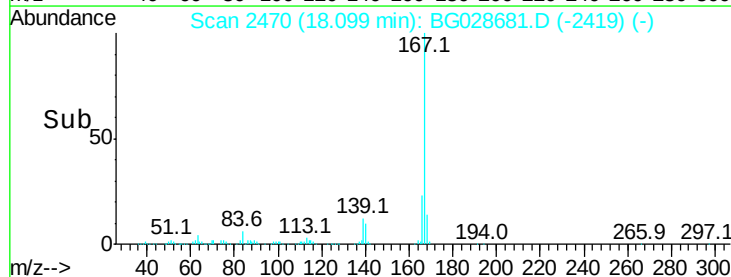
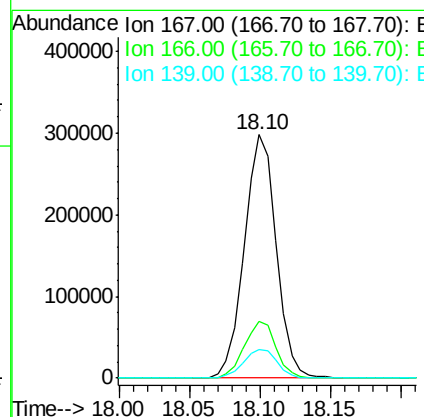
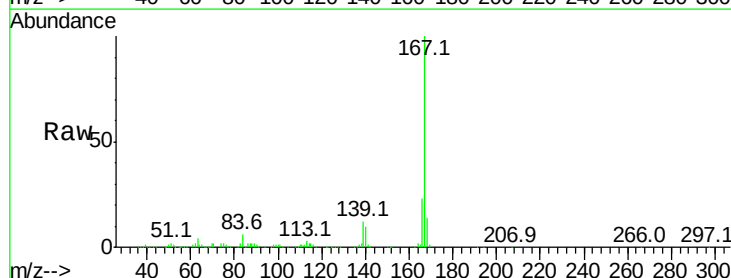
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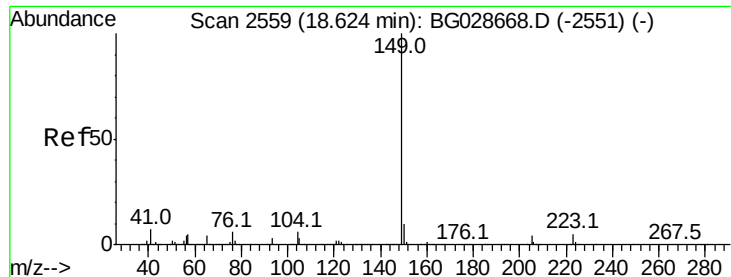
Sohil
 9/13/2017 6:00:13 PM



#72
 Carbazole
 Concen: 40.388 ng
 RT: 18.10 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	20.2	30.2
139	11.9	12.8	19.2#





#73

Di-n-butylphthalate

Concen: 40.264 ng

RT: 18.62 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

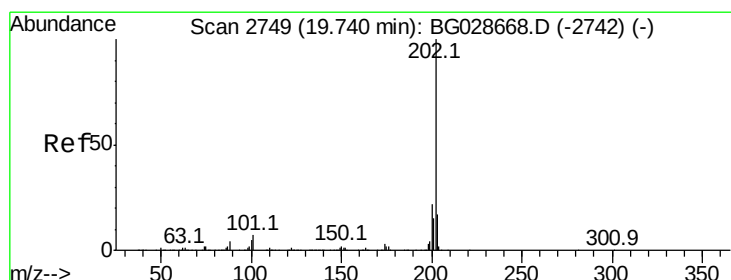
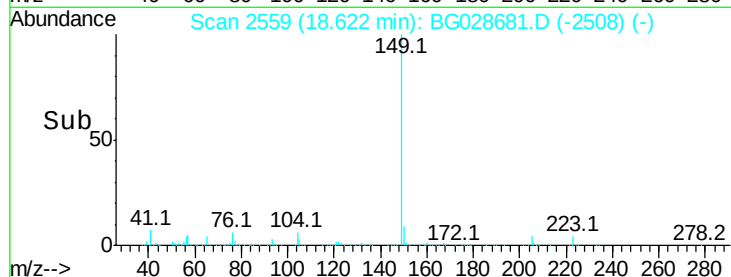
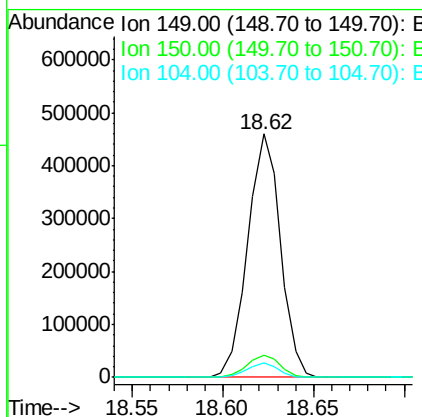
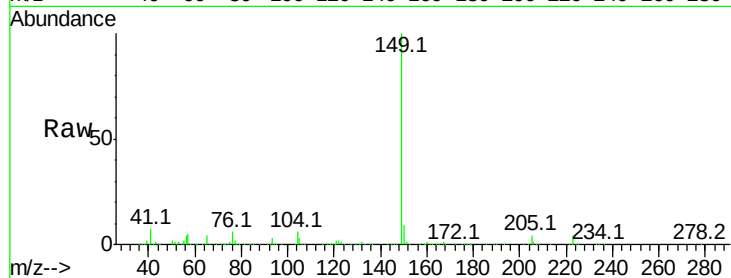
ClientSampleId :

EP-13MSD

Tot Ion:	149	Resp:	576599
Ion Ratio	Lower	Upper	
149	100		
150	9.0	9.1	13.7#
104	5.9	6.7	10.1#

Manual Integrations
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9/13/2017 6:00:13 PM



#74

Fluoranthene

Concen: 41.854 ng

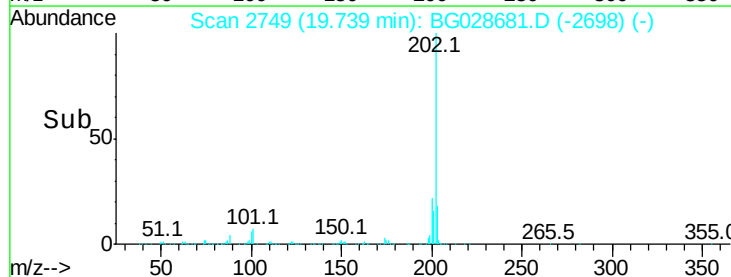
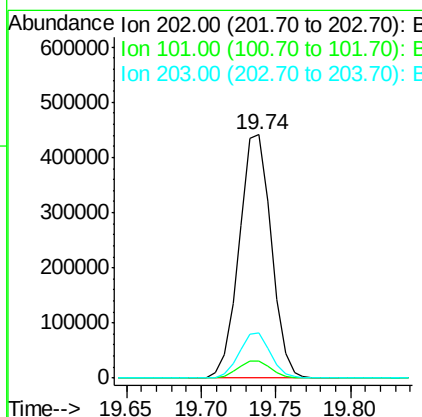
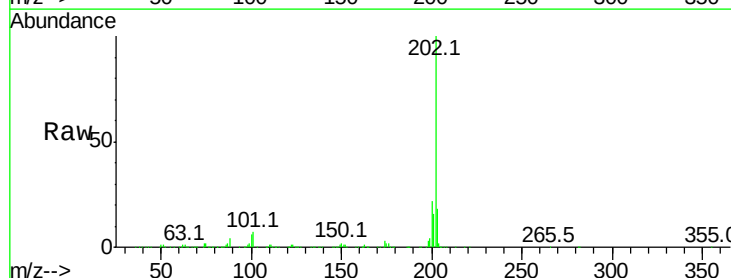
RT: 19.74 min Scan# 2749

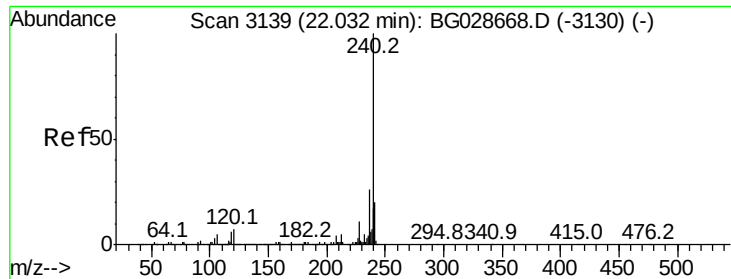
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:	202	Resp:	656035
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	30.1
203	18.4	1.3	41.3





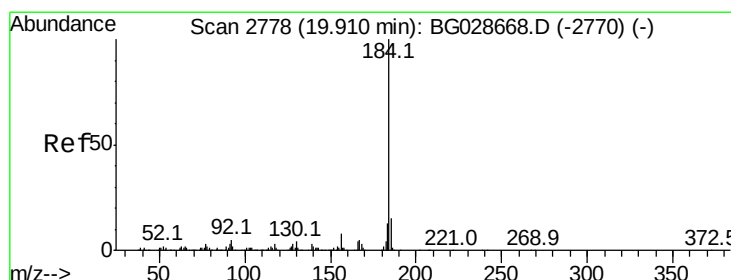
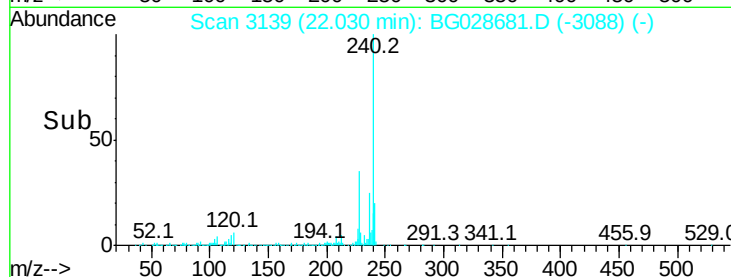
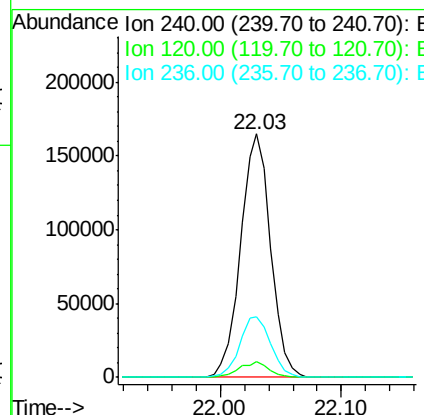
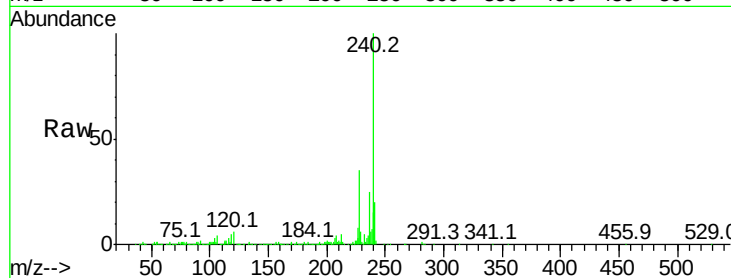
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	24.9	22.2	33.4

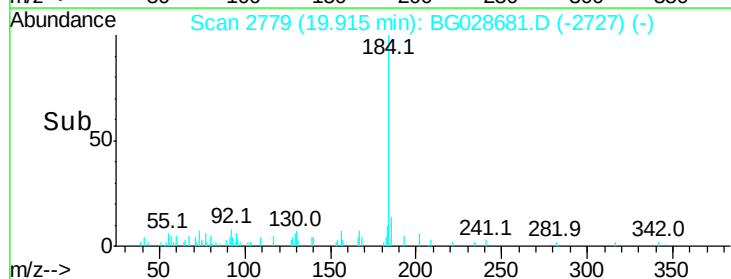
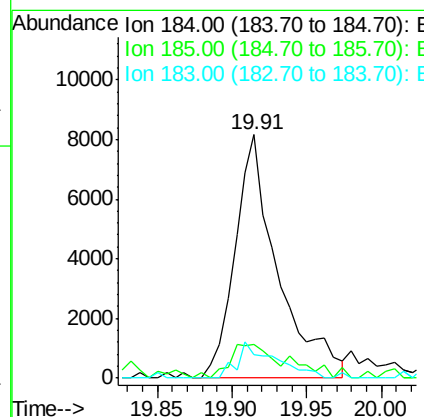
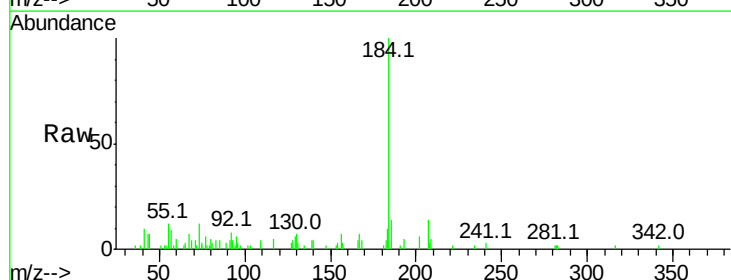
Manual Integrations
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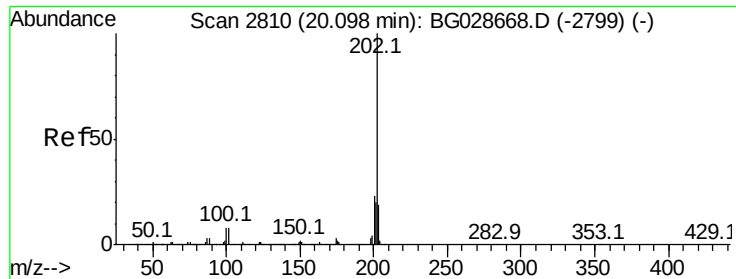
Sohil
9/13/2017 6:00:13 PM



#76
Benzidine
Concen: 2.201 ng
RT: 19.91 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.0	19.6
183	9.6	11.0	16.6#





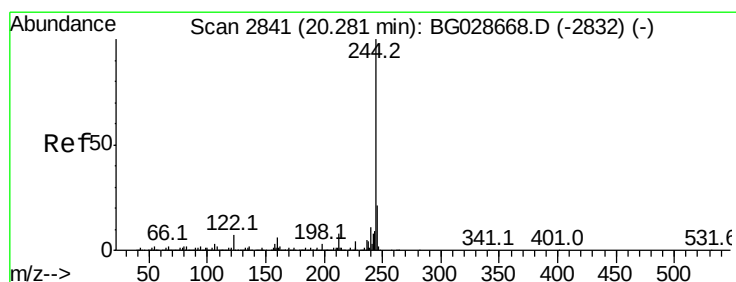
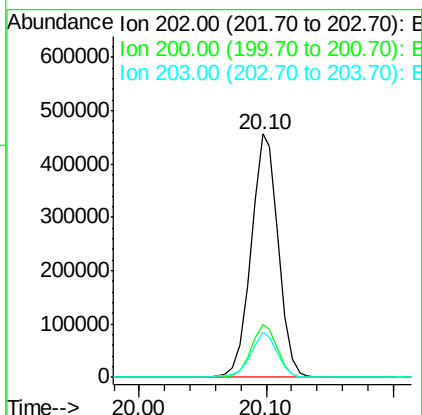
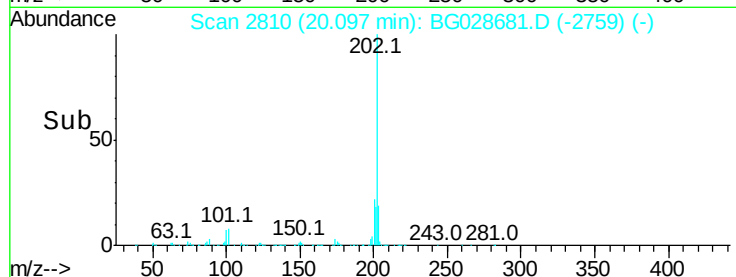
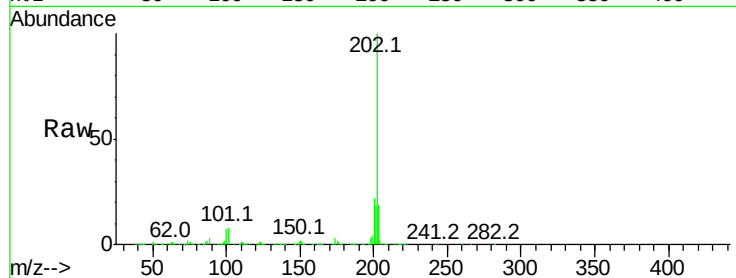
#77
Pvrene
Concen: 41.225 ng
RT: 20.10 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	19.6	29.4
203	18.8	15.8	23.8

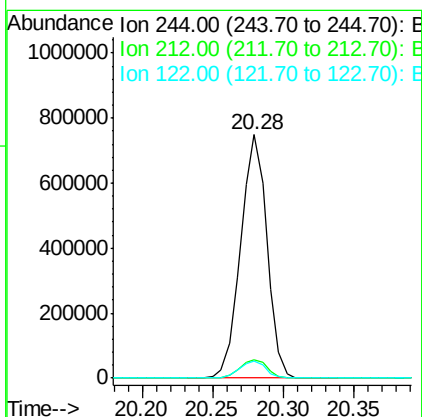
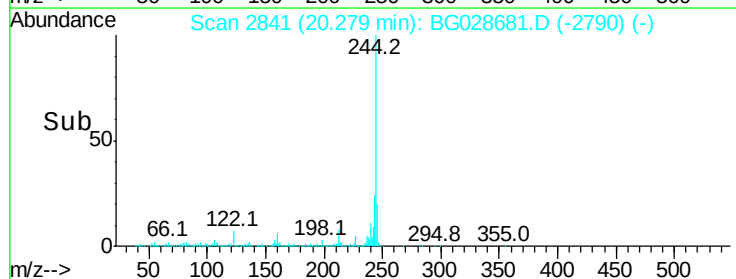
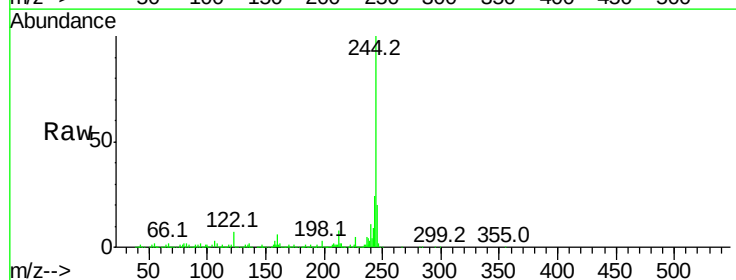
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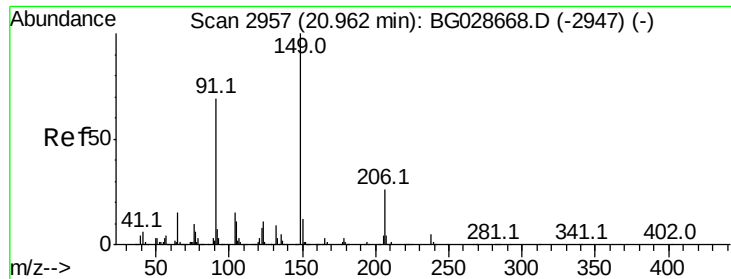
Sohil
9/13/2017 6:00:13 PM



#78
Terphenyl-d14
Concen: 73.129 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.2	8.6	12.8#





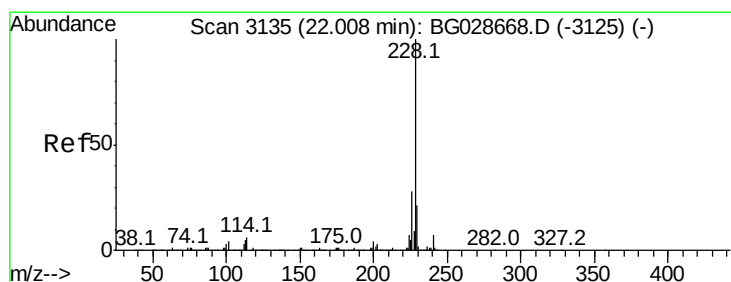
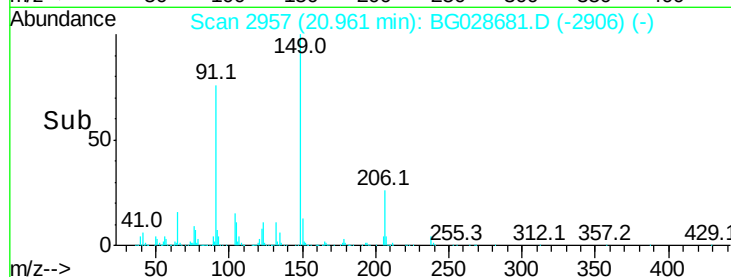
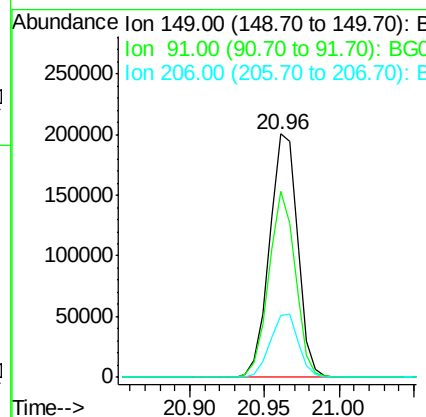
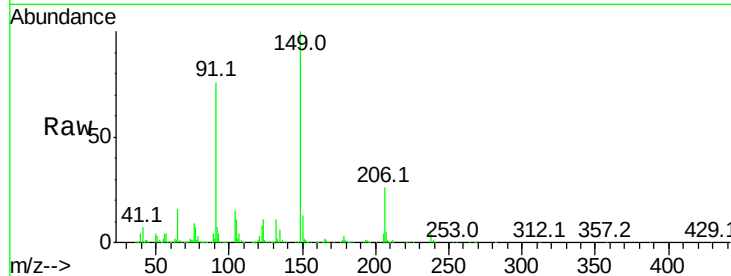
#79
Butylbenzylphthalate
Concen: 39.446 ng
RT: 20.96 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampled :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	63.5	95.3
206	25.6	21.0	31.6

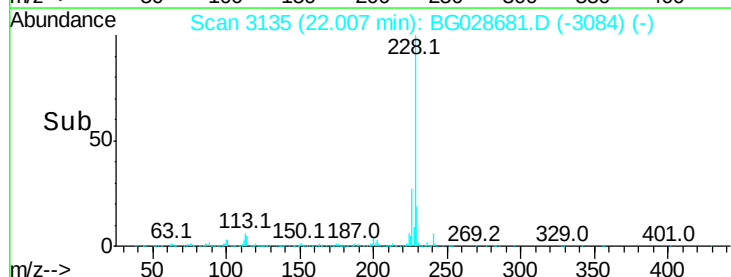
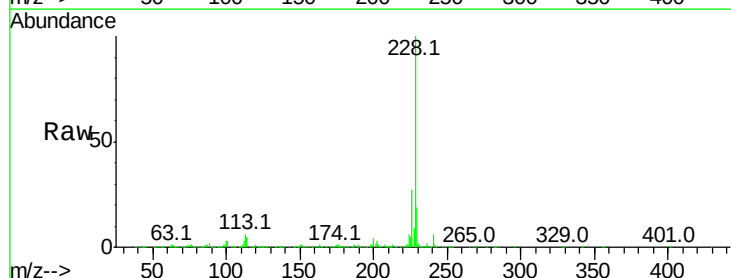
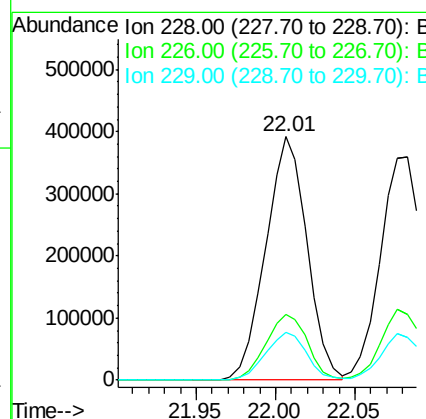
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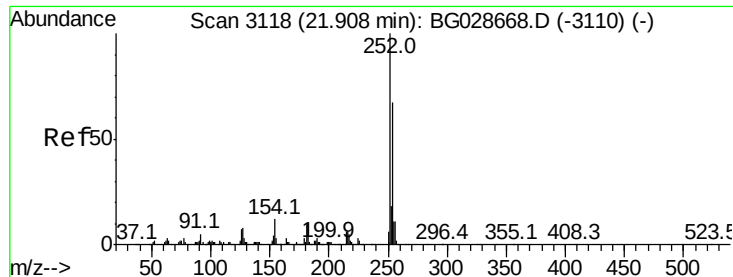
Sohil
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#80
Benzo(a)anthracene
Concen: 41.336 ng
RT: 22.01 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	24.9	37.3
229	19.5	18.2	27.2





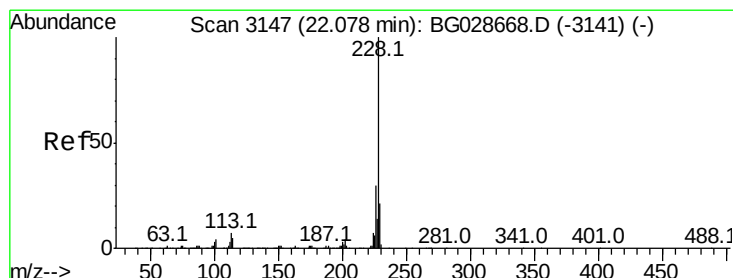
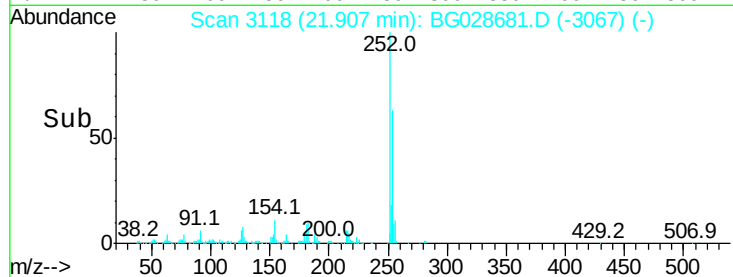
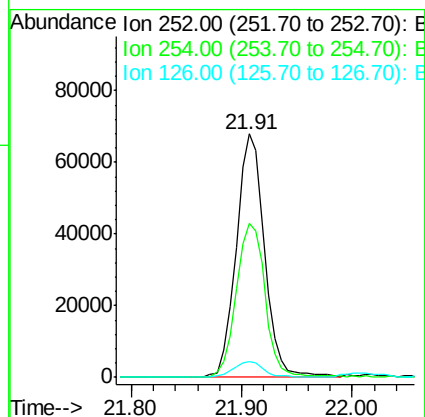
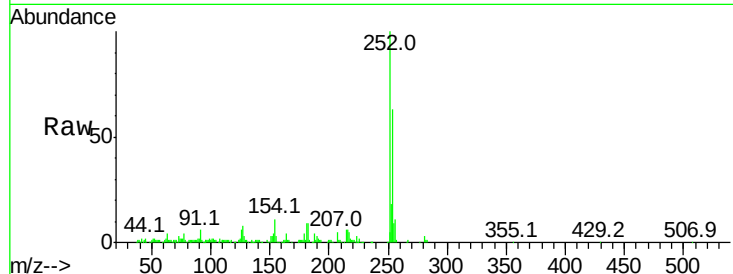
#81
 3,3'-Dichlorobenzidine
 Concen: 17.635 ng
 RT: 21.91 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	122502		
254	63.1	53.1	79.7	
126	6.5	7.0	10.4	

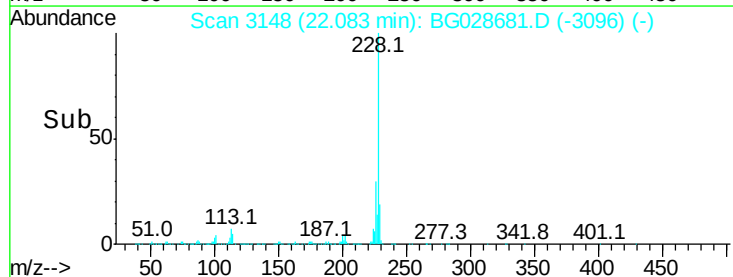
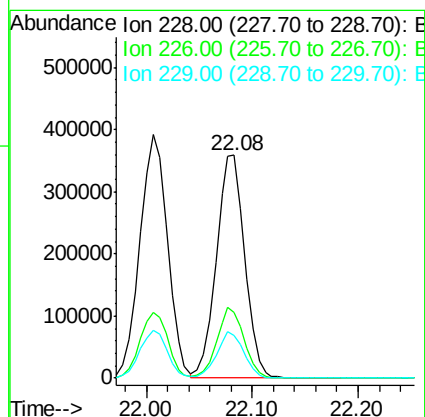
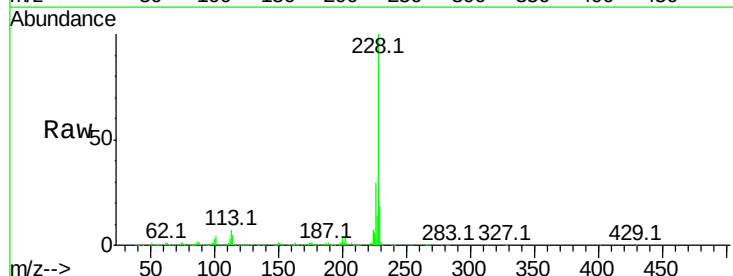
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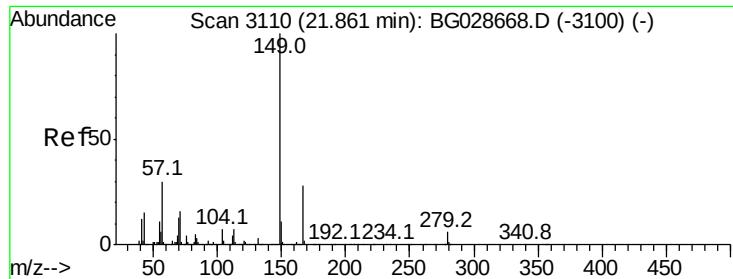
Sohil
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#82
 Chrysene
 Concen: 41.085 ng
 RT: 22.08 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	667886		
226	29.7	27.0	40.4	
229	19.2	17.8	26.6	





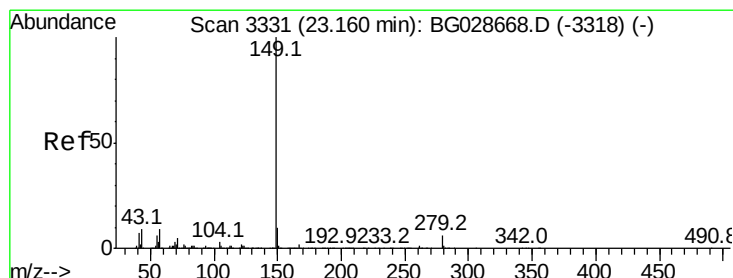
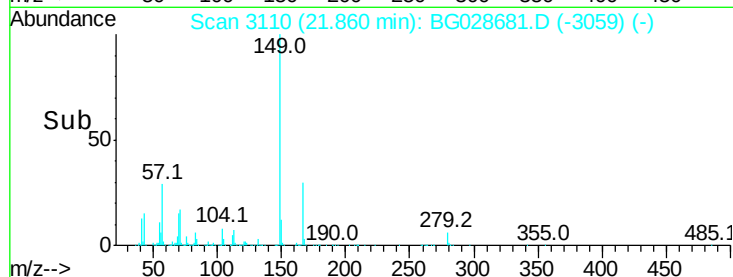
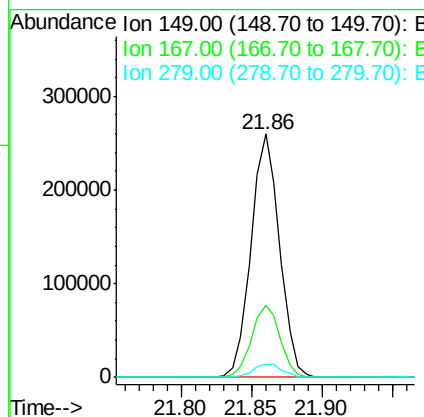
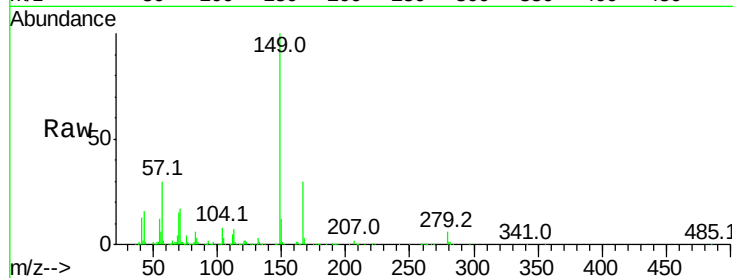
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.128 ng
 RT: 21.86 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.7	4.6	6.8

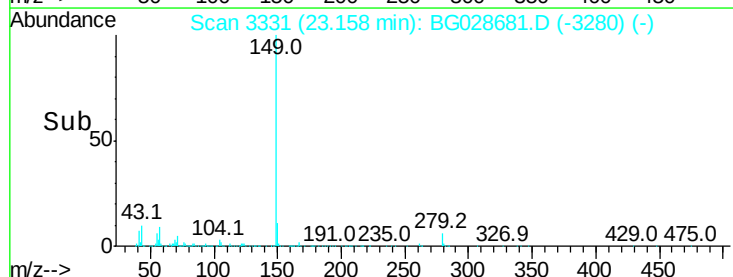
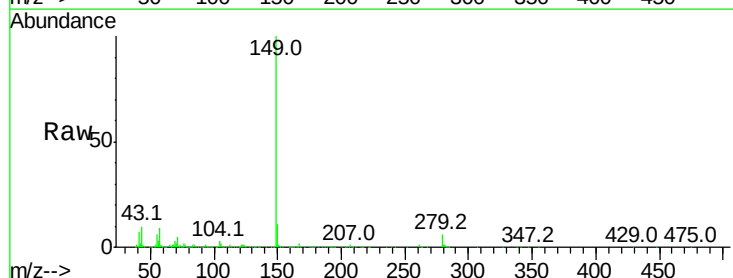
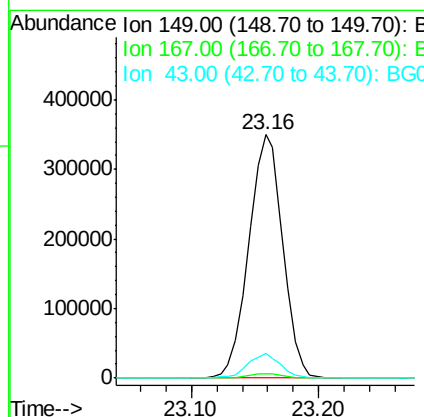
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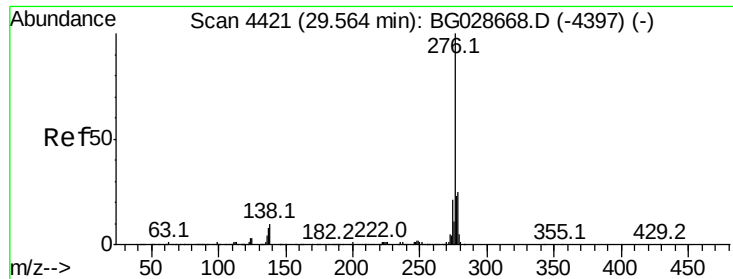
Sohil
 9/13/2017 6:00:13 PM



#84
 Di-n-octyl phthalate
 Concen: 39.344 ng
 RT: 23.16 min Scan# 3331
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

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





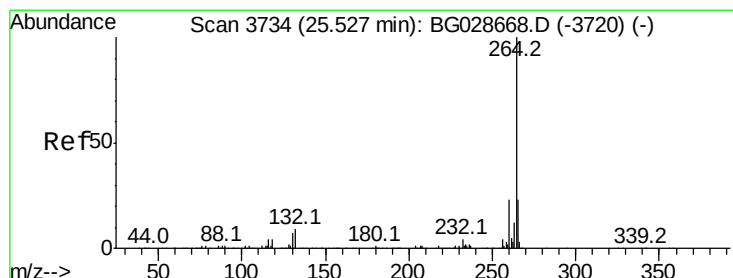
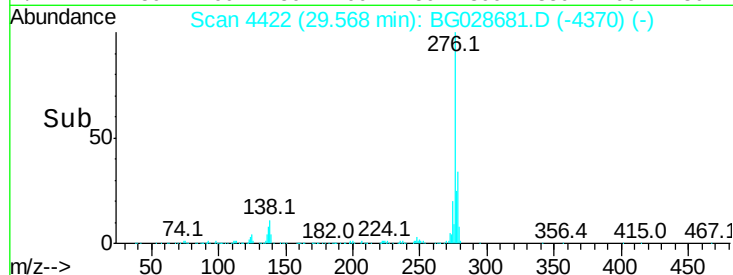
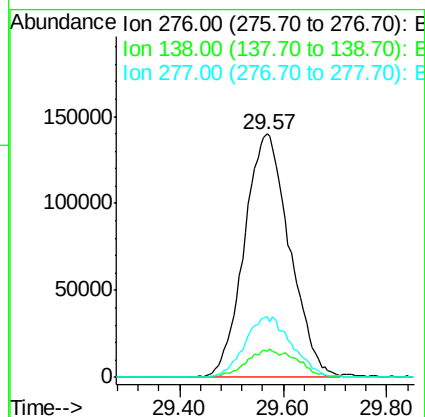
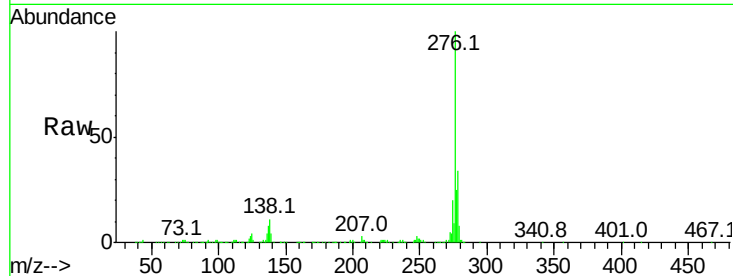
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.781 ng
RT: 29.57 min Scan# 4422
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.9	4.7	7.1#
277	25.7	20.6	31.0

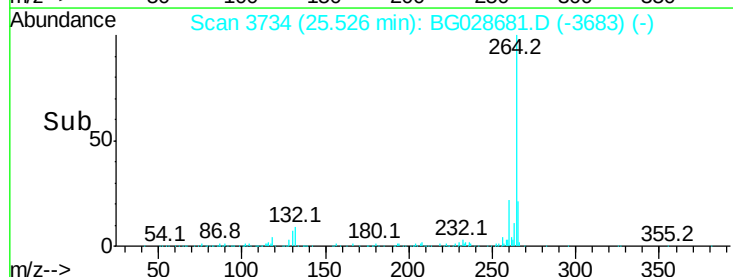
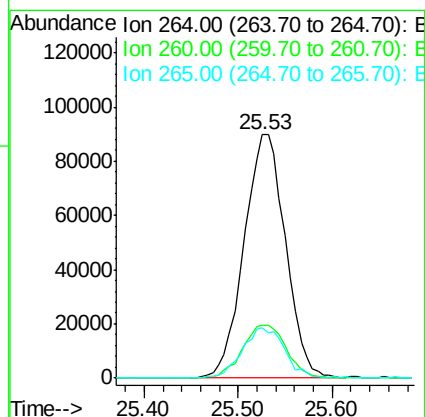
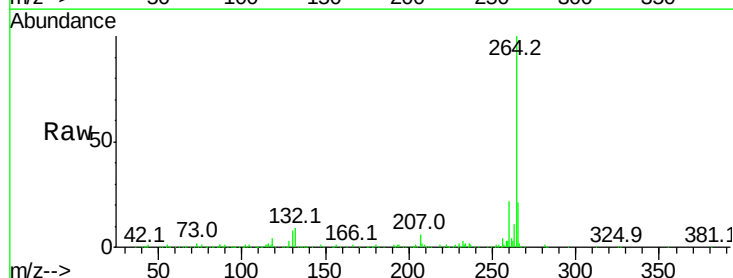
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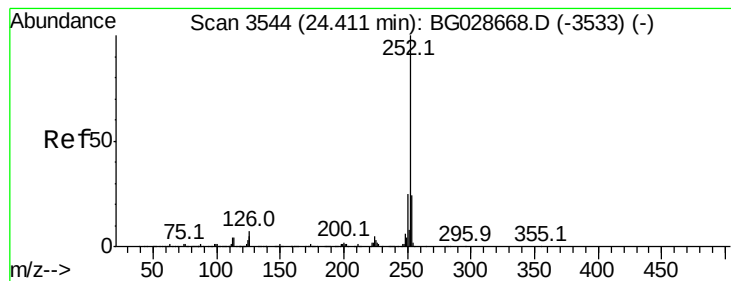
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	20.9	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 43.819 ng

RT: 24.41 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

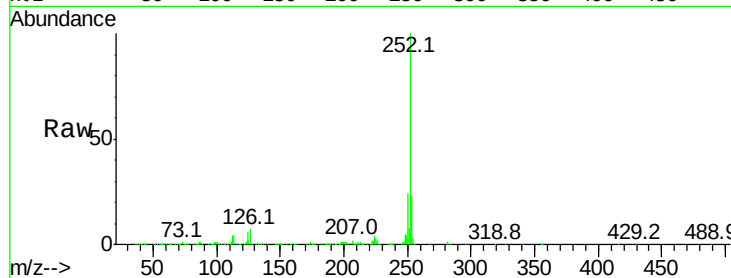
ClientSampleId :

EP-13MSD

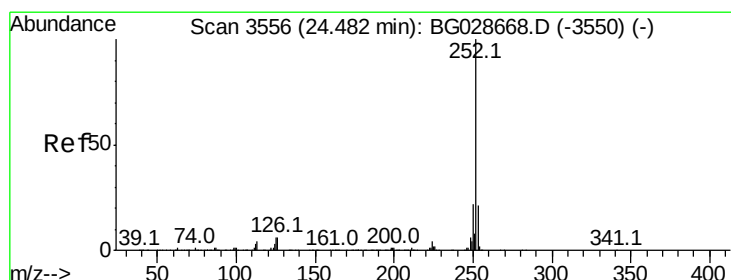
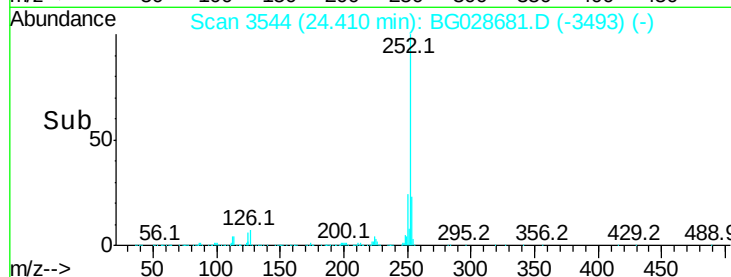
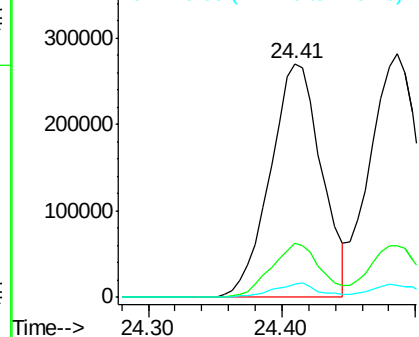
Tot Ion:252	Resp:	718799
Ion Ratio	Lower	Upper
252 100		
253 23.3	18.7	28.1
125 5.6	5.3	7.9

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9/13/2017 6:00:13 PM



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



#88

Benzo(k)fluoranthene

Concen: 43.733 ng m

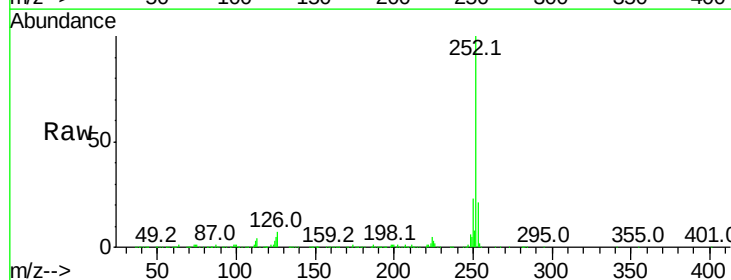
RT: 24.49 min Scan# 3557

Delta R.T. 0.00 min

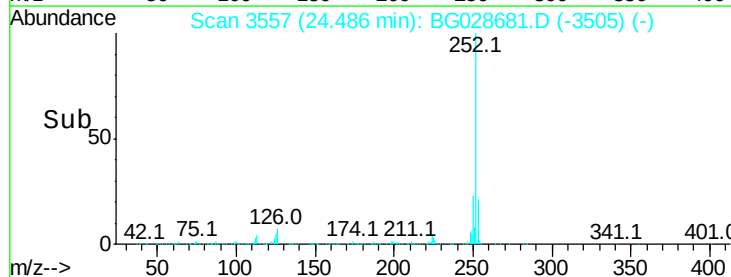
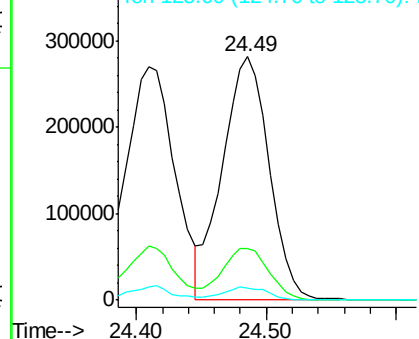
Lab File: BG028681.D

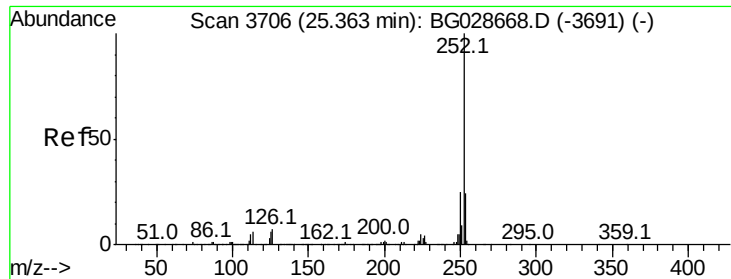
Acq: 12 Sep 2017 22:29

Tgt Ion:252	Resp:	716584
Ion Ratio	Lower	Upper
252 100		
253 21.0	20.2	30.2
125 4.8	5.1	7.7#



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





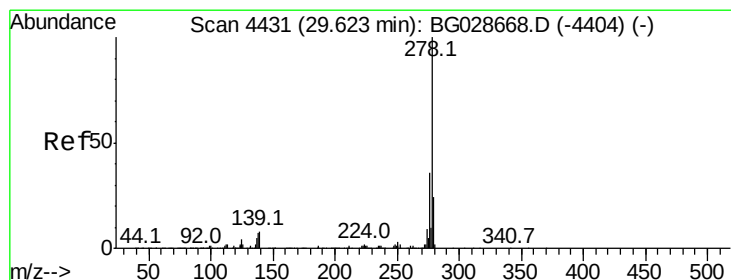
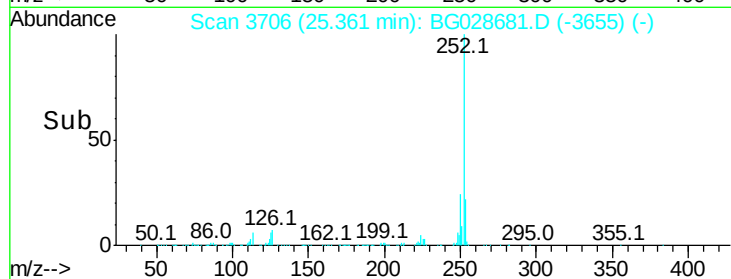
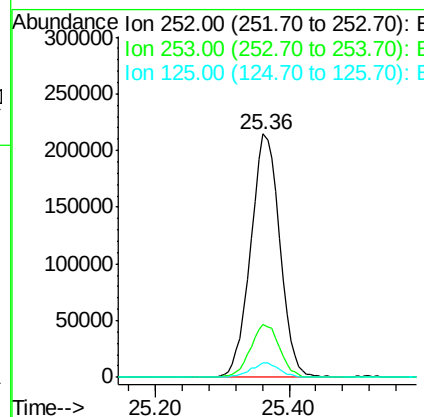
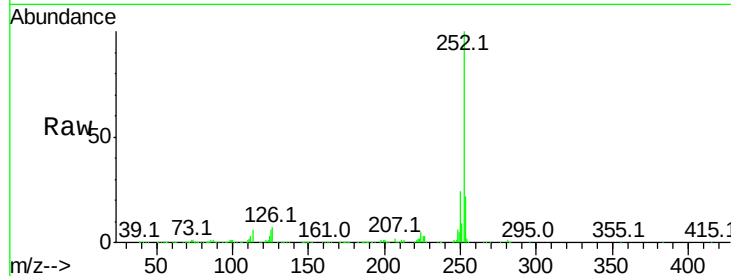
#89
Benzo(a)pyrene
Concen: 41.196 ng
RT: 25.36 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.2	28.8
125	6.2	5.4	8.0

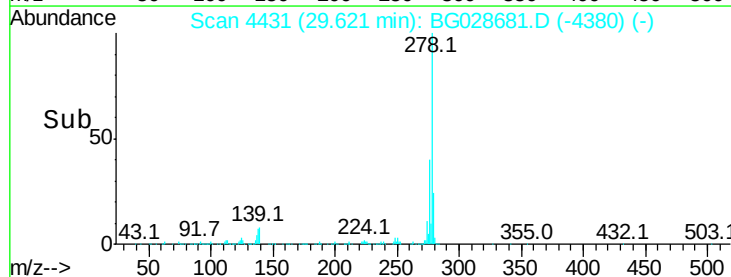
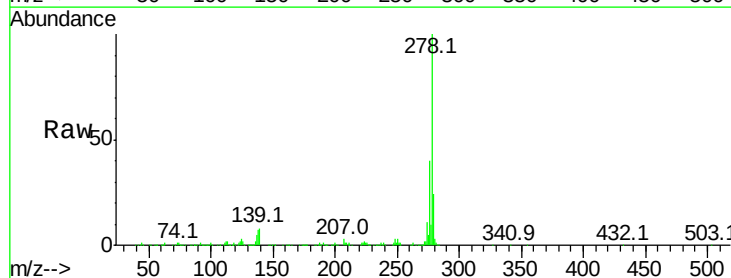
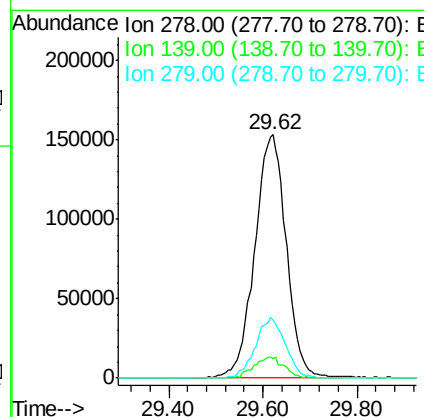
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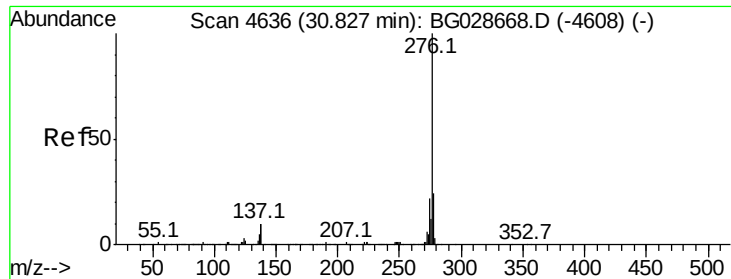
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.939 ng
RT: 29.62 min Scan# 4431
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	7.7	11.5
279	23.7	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 43.196 ng
 RT: 30.83 min Scan# 4636
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion:	276	Resp:	684190
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	27.8
138	10.3	8.1	12.1

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