

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029381.D
 Acq On : 20 Oct 2017 20:46
 Operator : SJ/JU
 Sample : PB103492BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:41:11 PM

Quant Time: Oct 21 22:52:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53239	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	246069	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	176136	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	457569	20.00	ng	0.00
75) Chrysene-d12	21.80	240	506618	20.00	ng	0.00
86) Perylene-d12	25.10	264	513672	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	310200	97.34	ng	0.00
7) Phenol-d6	7.32	99	416729	93.16	ng	0.00
23) Nitrobenzene-d5	9.33	82	354390	91.52	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	239816	105.46	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	982205	81.79	ng	0.00
78) Terphenyl-d14	20.11	244	1872975	84.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	49515	38.293	ng	86
3) Pyridine	3.98	79	143083	37.999	ng	92
4) n-Nitrosodimethylamine	3.89	42	75830	43.082	ng	# 89
6) Aniline	7.48	93	170598	30.798	ng	93
8) 2-Chlorophenol	7.73	128	160921	44.052	ng	92
9) Benzaldehyde	7.29	77	54923	24.410	ng	87
10) Phenol	7.34	94	217820	45.166	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	146988	41.833	ng	93
12) 1,3-Dichlorobenzene	8.05	146	167410	40.820	ng	96
13) 1,4-Dichlorobenzene	8.20	146	167888	40.096	ng	95
14) 1,2-Dichlorobenzene	8.52	146	162217	40.166	ng	96
15) Benzyl Alcohol	8.40	79	149503	47.425	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.70	45	245380	41.122	ng	94
17) 2-Methylphenol	8.60	107	144672	45.158	ng	98
18) Hexachloroethane	9.26	117	57627	40.385	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	125900	41.392	ng	# 95
20) 3+4-Methylphenols	8.93	107	205706	45.570	ng	94
22) Acetophenone	8.99	105	234684	39.575	ng	# 94
24) Nitrobenzene	9.38	77	179768	41.290	ng	93
25) Isophorone	9.89	82	352694	43.630	ng	95
26) 2-Nitrophenol	10.09	139	93897	45.124	ng	# 87
27) 2,4-Dimethylphenol	10.14	122	173211	46.007	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	214999	43.374	ng	95
29) 2,4-Dichlorophenol	10.62	162	188353	46.915	ng	90
30) 1,2,4-Trichlorobenzene	10.85	180	179323	41.344	ng	99
31) Naphthalene	11.03	128	495767	40.426	ng	98
32) Benzoic acid	10.26	122	123918	39.310	ng	# 83
33) 4-Chloroaniline	11.13	127	146010	28.304	ng	97
34) Hexachlorobutadiene	11.32	225	109966	40.777	ng	91
35) Caprolactam	11.90	113	74099m	55.535	ng	
36) 4-Chloro-3-methylphenol	12.24	107	203379	46.059	ng	# 89
37) 2-Methylnaphthalene	12.63	142	396415	44.352	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	219457	34.126	ng	98
40) Hexachlorocyclopentadiene	12.97	237	268058	108.286	ng	93

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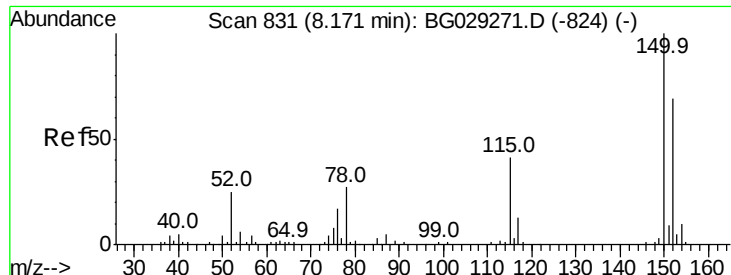
Manual Integrations
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Quant Time: Oct 21 22:52:52 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	169173	41.906	nq	97
43) 2,4,5-Trichlorophenol	13.30	196	187067	45.121	nq	95
45) 1,1'-Biphenyl	13.62	154	546417	36.092	nq	98
46) 2-Chloronaphthalene	13.67	162	424137	38.408	nq	98
47) 2-Nitroaniline	13.86	65	140852	46.437	nq #	87
48) Acenaphthylene	14.51	152	689812	39.913	nq	98
49) Dimethylphthalate	14.23	163	602551	43.845	nq	100
50) 2,6-Dinitrotoluene	14.35	165	136382	47.341	nq #	79
51) Acenaphthene	14.85	154	431160	38.343	nq	99
52) 3-Nitroaniline	14.68	138	112821	36.292	nq #	82
53) 2,4-Dinitrophenol	14.89	184	97095	62.762	nq #	53
54) Dibenzofuran	15.18	168	696058	43.361	nq	99
55) 4-Nitrophenol	14.99	139	249585	97.385	nq #	84
56) 2,4-Dinitrotoluene	15.13	165	197380	50.612	nq #	79
57) Fluorene	15.83	166	560065	42.234	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	187056	54.080	nq	95
59) Diethylphthalate	15.59	149	621754	45.397	nq	98
60) 4-Chlorophenyl-phenylether	15.82	204	314344	44.459	nq	94
61) 4-Nitroaniline	15.84	138	156005	48.872	nq	86
62) Azobenzene	16.10	77	538258	46.605	nq	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	97403	38.534	nq	88
65) n-Nitrosodiphenylamine	16.03	169	533780	38.942	nq	98
66) 4-Bromophenyl-phenylether	16.70	248	216202	41.177	nq	99
67) Hexachlorobenzene	16.83	284	233779	39.308	nq	92
68) Atrazine	16.97	200	223965	45.793	nq	98
69) Pentachlorophenol	17.17	266	300321	87.903	nq	98
70) Phenanthrene	17.57	178	985499	41.691	nq	97
71) Anthracene	17.66	178	1005752	42.373	nq	99
72) Carbazole	17.92	167	958815	42.052	nq	99
73) Di-n-butylphthalate	18.47	149	1117338	42.608	nq	99
74) Fluoranthene	19.56	202	1244149	45.000	nq	96
76) Benzidine	19.73	184	409956	26.800	nq	98
77) Pyrene	19.92	202	1257504	40.918	nq	96
79) Butylbenzylphthalate	20.79	149	530400	40.509	nq	88
80) Benzo(a)anthracene	21.77	228	1280485	43.049	nq	99
81) 3,3'-Dichlorobenzidine	21.68	252	386580	31.488	nq	97
82) Chrysene	21.84	228	1179740	41.415	nq	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	740169	39.390	nq	100
84) Di-n-octyl phthalate	22.91	149	1280904	39.113	nq	97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1548385	44.183	nq #	94
87) Benzo(b)fluoranthene	24.05	252	1314298	44.692	nq	99
88) Benzo(k)fluoranthene	24.12	252	1286921	43.925	nq	98
89) Benzo(a)pyrene	24.95	252	1275087	45.101	nq	100
90) Dibenzo(a,h)anthracene	28.95	278	1298716	45.375	nq	97
91) Benzo(g,h,i)perylene	30.08	276	1296886	48.766	nq	97

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



#1

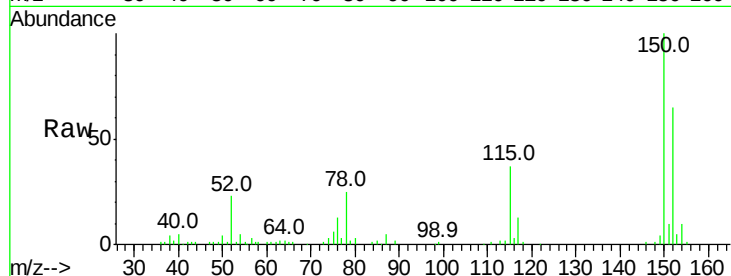
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

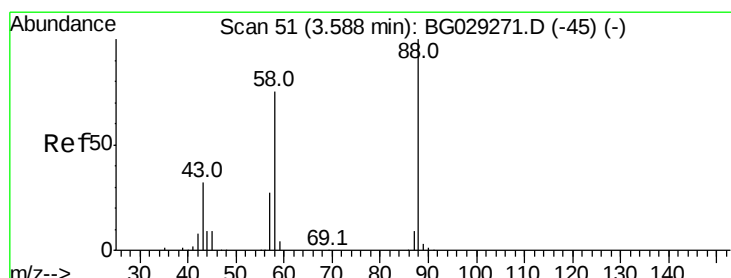
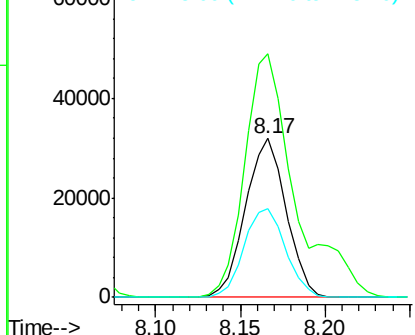
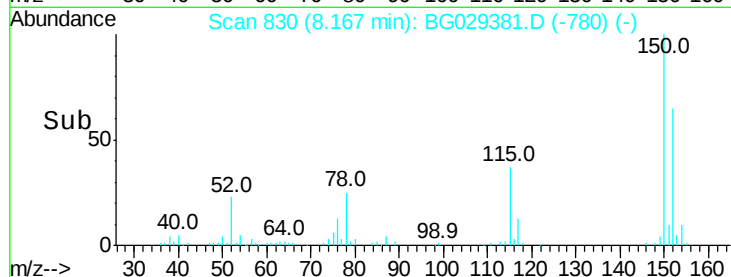
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	56.2	53.0	79.4

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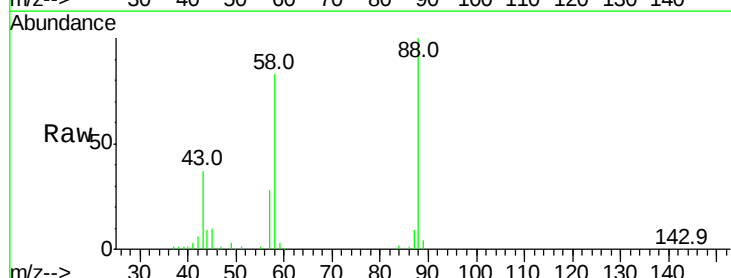
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



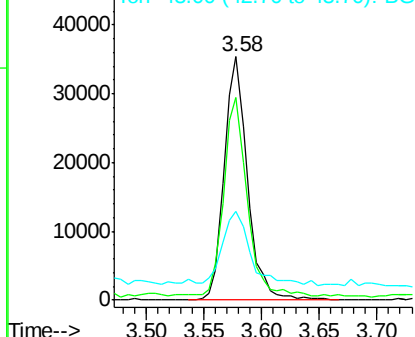
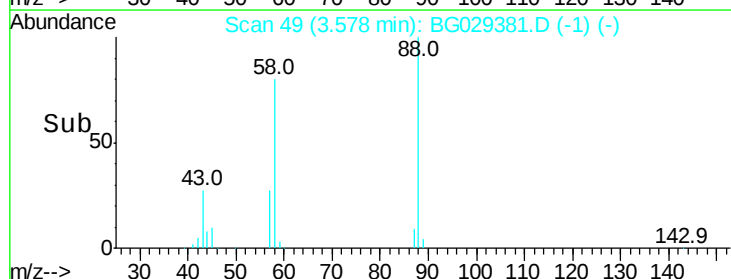
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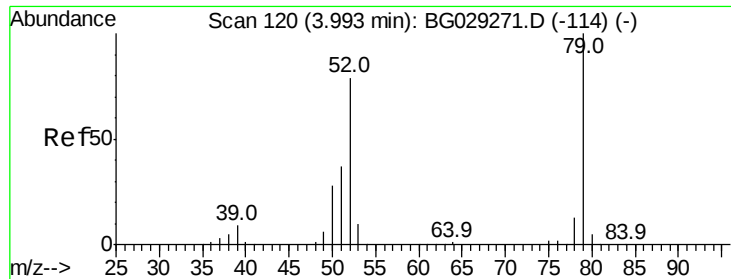
1,4-Dioxane
Concen: 38.293 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	79.6	119.4
43	36.1	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.999 ng

RT: 3.98 min Scan# 117

Delta R.T. -0.02 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

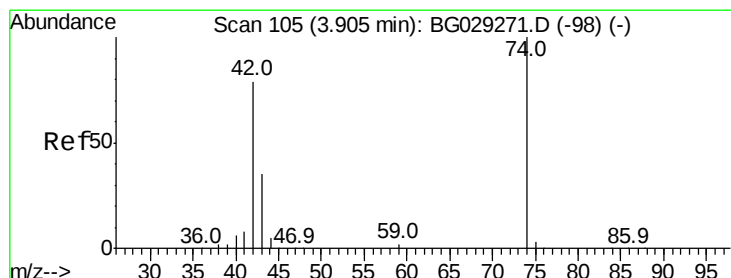
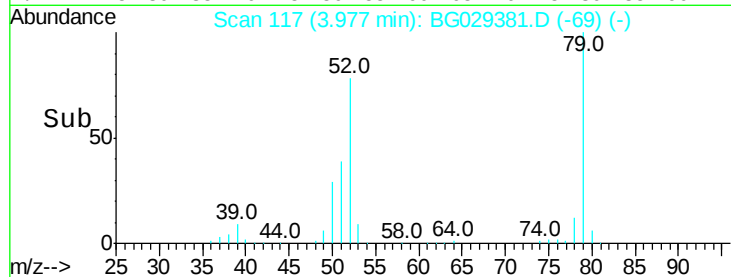
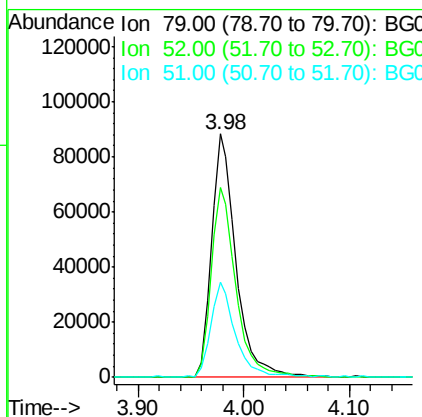
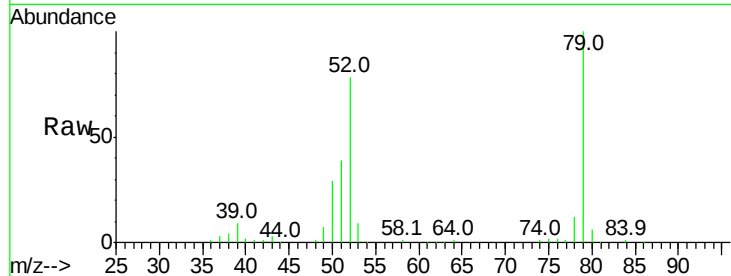
ClientSampleId :

PB103492BS

Tot Ion:	79	Resp:	143083
Ion	Ratio	Lower	Upper
79	100		
52	78.2	69.9	104.9
51	39.1	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 43.082 ng

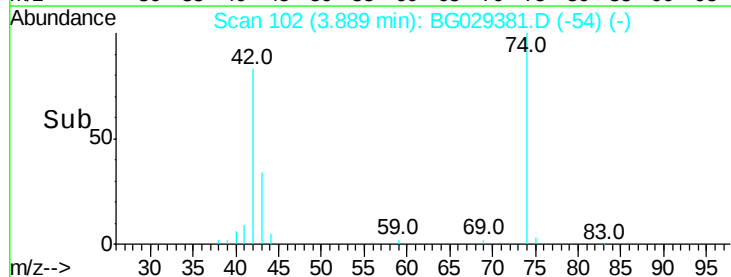
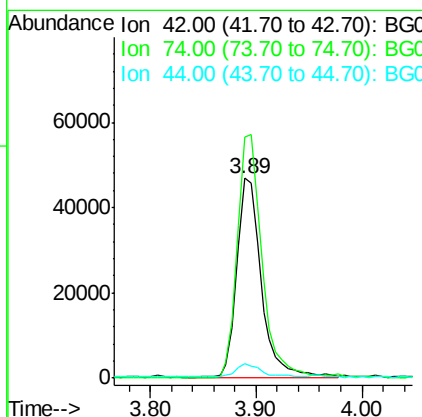
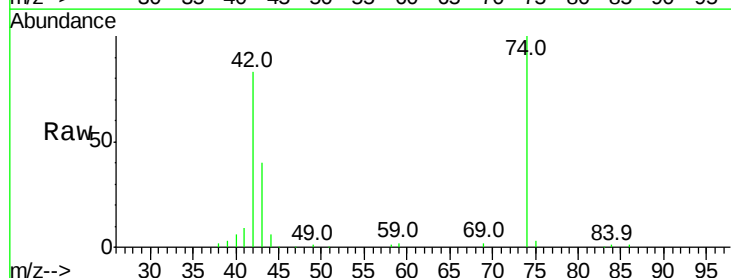
RT: 3.89 min Scan# 102

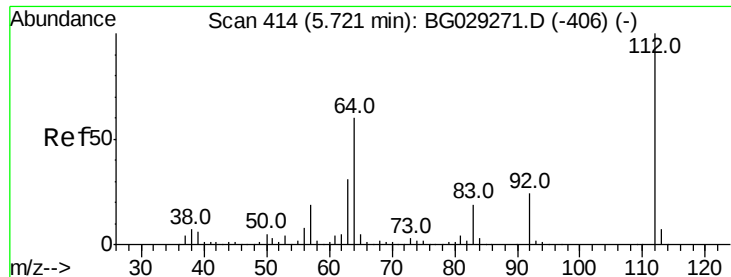
Delta R.T. -0.02 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:	42	Resp:	75830
Ion	Ratio	Lower	Upper
42	100		
74	120.9	102.5	153.7
44	7.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 97.336 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

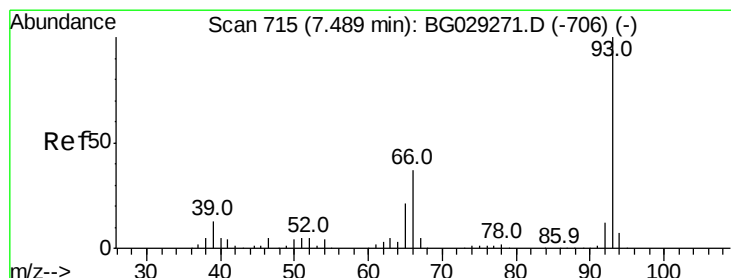
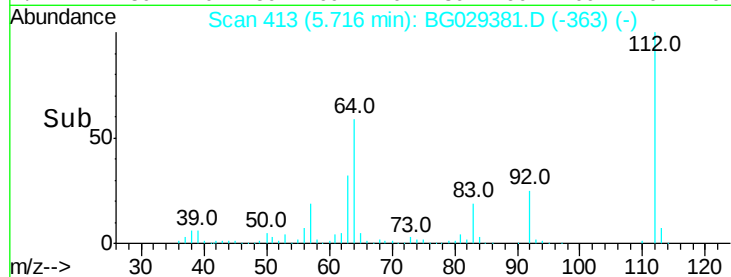
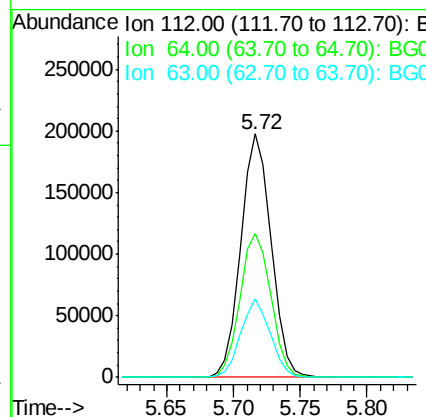
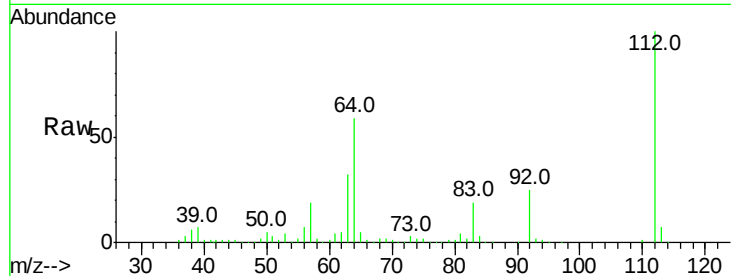
ClientSampled :

PB103492BS

Tot Ion:	112	Resp:	310200
Ion Ratio	Lower	Upper	
112	100		
64	58.8	56.3	84.5
63	32.2	30.1	45.1

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#6

Aniline

Concen: 30.798 ng

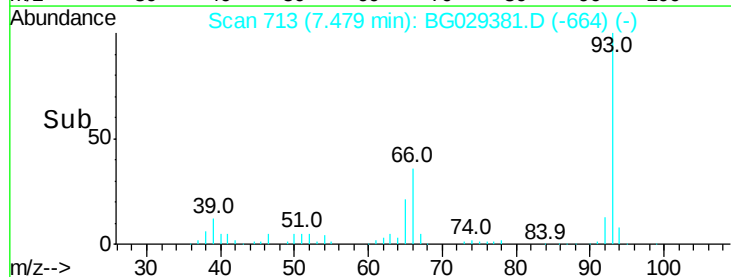
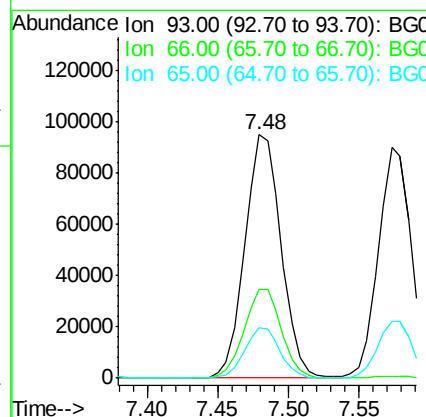
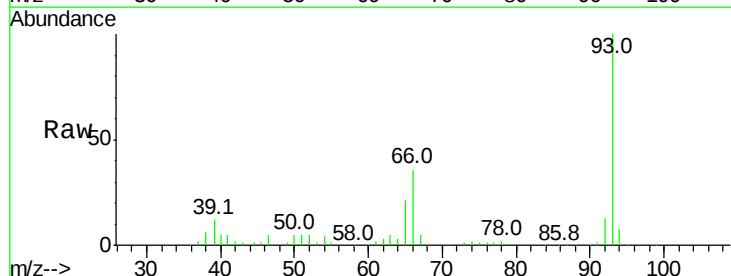
RT: 7.48 min Scan# 713

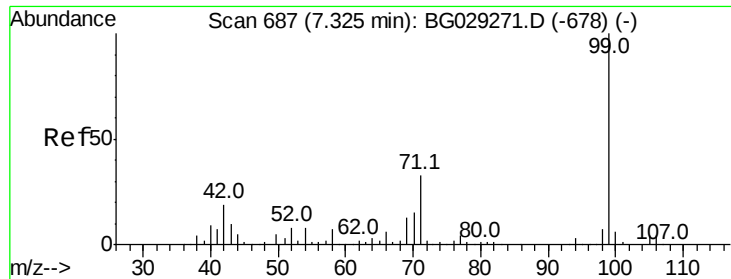
Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:	93	Resp:	170598
Ion Ratio	Lower	Upper	
93	100		
66	36.5	33.7	50.5
65	20.8	16.1	24.1





#7

Phenol-d6

Concen: 93.159 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

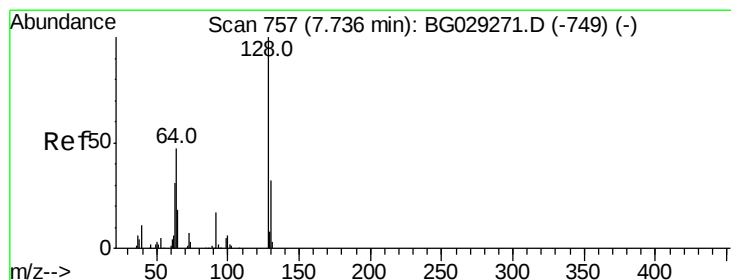
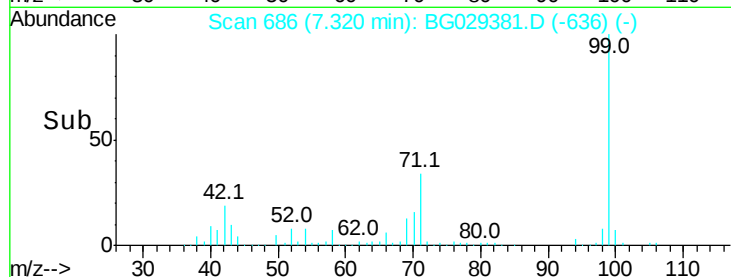
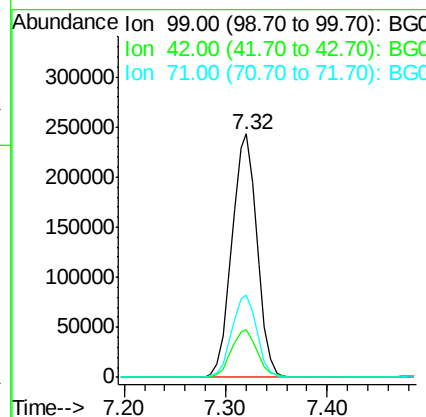
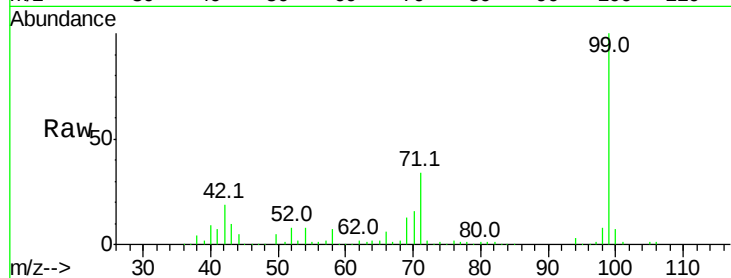
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		416729		
42	19.5	14.1	21.1		
71	33.7	26.1	39.1		

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#8

2-Chlorophenol

Concen: 44.052 ng

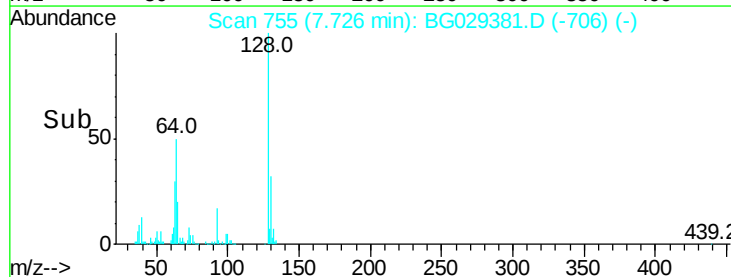
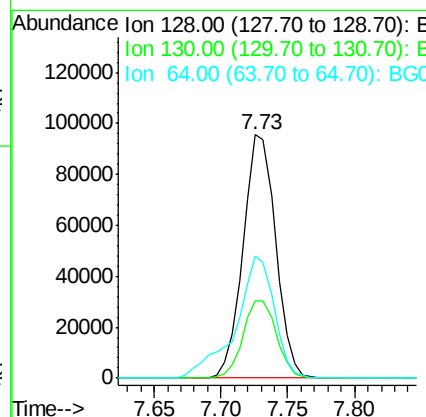
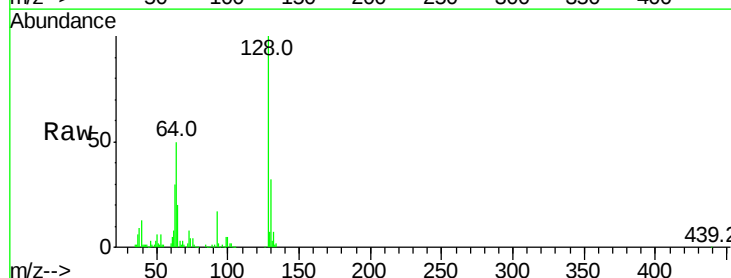
RT: 7.73 min Scan# 755

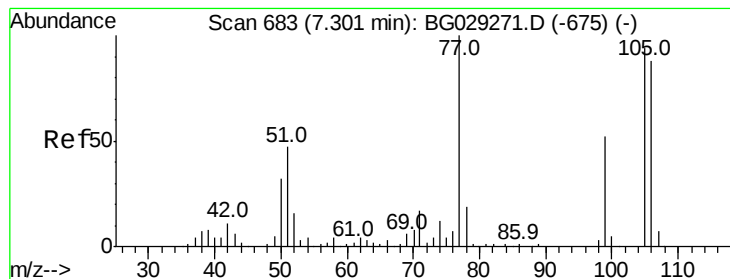
Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		160921		
130	31.5	14.0	54.0		
64	50.2	37.7	77.7		





#9

Benzaldehyde

Concen: 24.410 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleID :

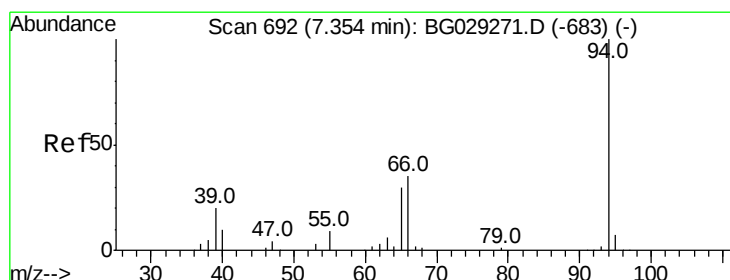
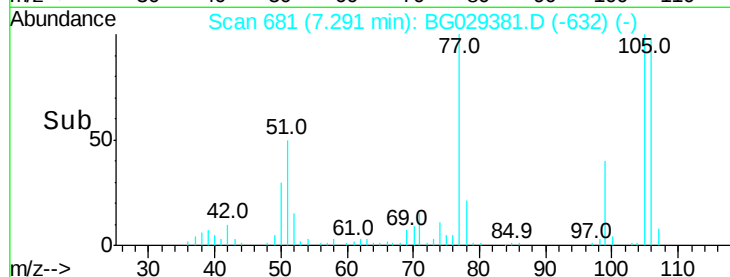
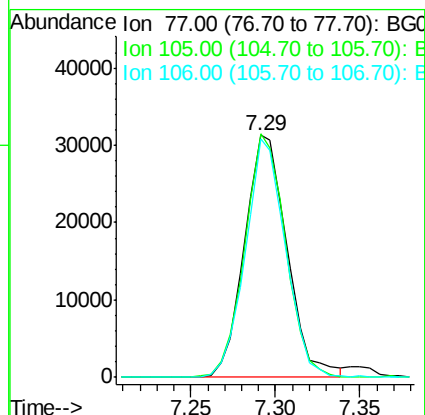
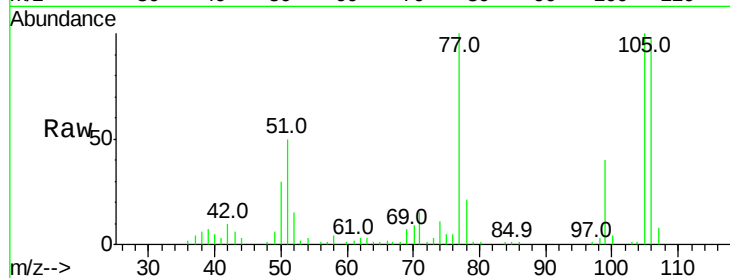
PB103492BS

Tot Ion: 77 Resp: 54923

Ion	Ratio	Lower	Upper
77	100		
105	100.5	71.3	111.3
106	98.4	64.2	104.2

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#10

Phenol

Concen: 45.166 ng

RT: 7.34 min Scan# 690

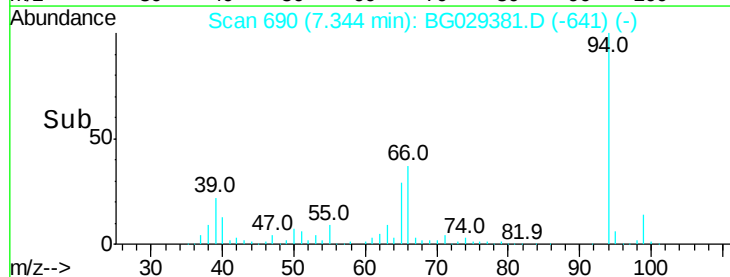
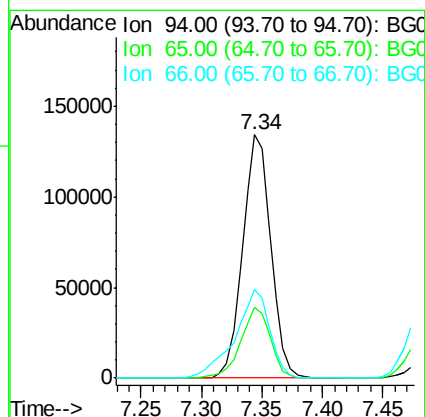
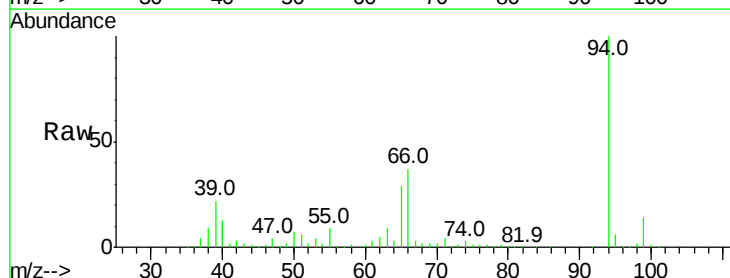
Delta R.T. -0.01 min

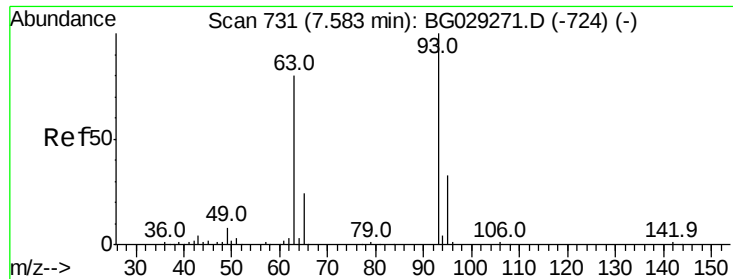
Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion: 94 Resp: 217820

Ion	Ratio	Lower	Upper
94	100		
65	28.8	11.9	51.9
66	36.7	22.2	62.2





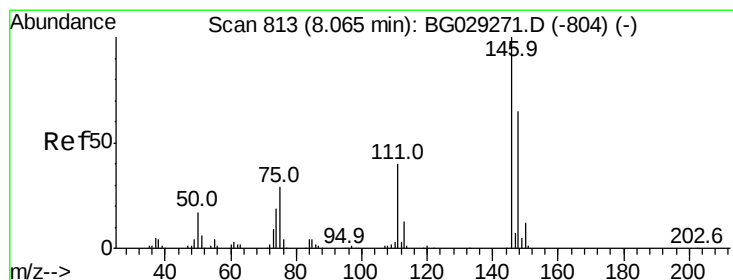
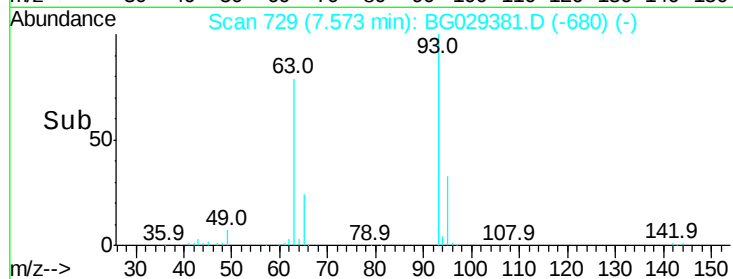
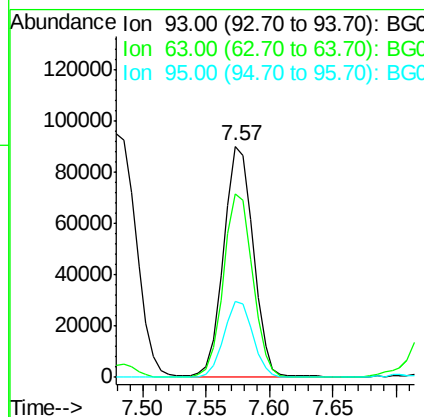
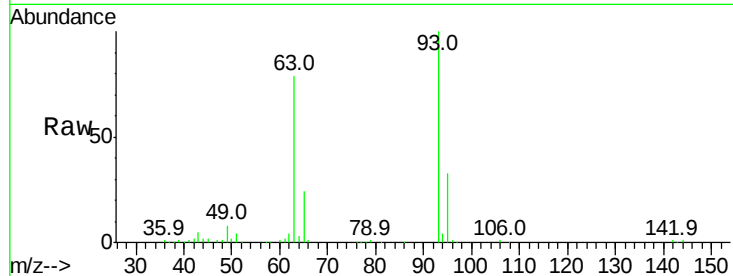
#11
bis(2-Chloroethyl)ether
Concen: 41.833 ng
RT: 7.57 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.4	67.1	107.1
95	32.7	11.5	51.5

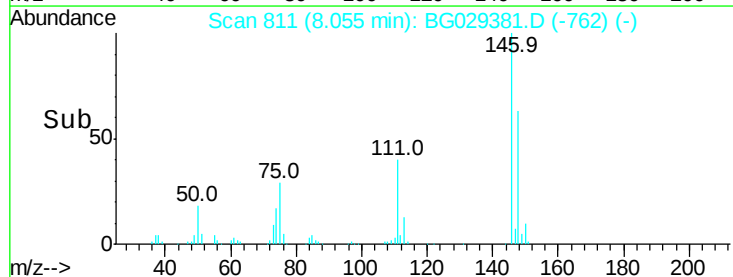
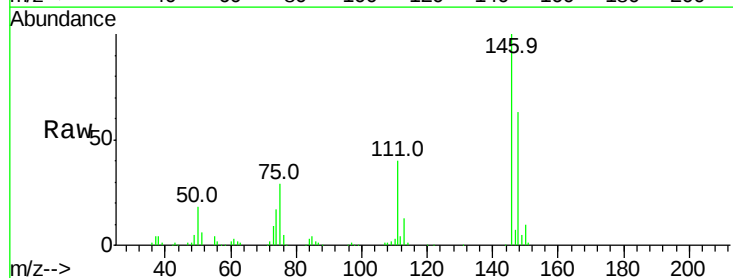
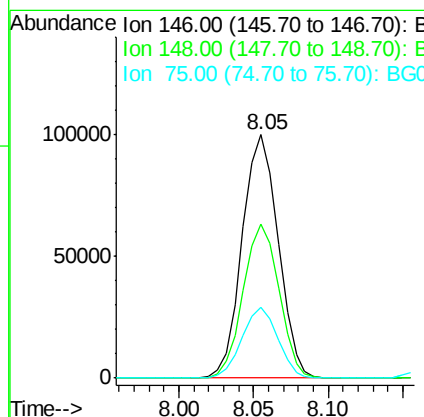
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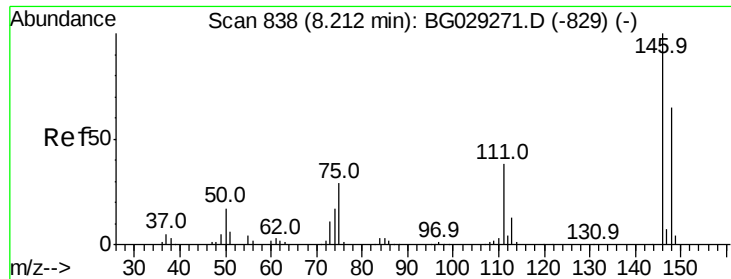
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.820 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.2
75	29.0	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 40.096 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

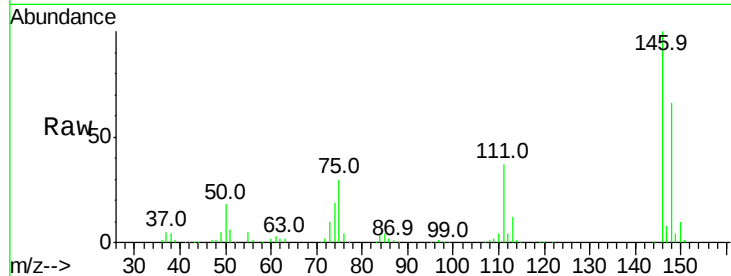
ClientSampleId :

PB103492BS

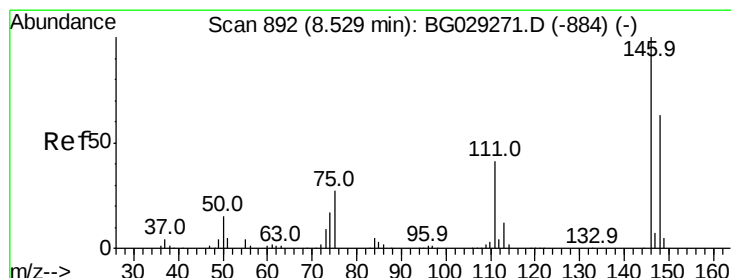
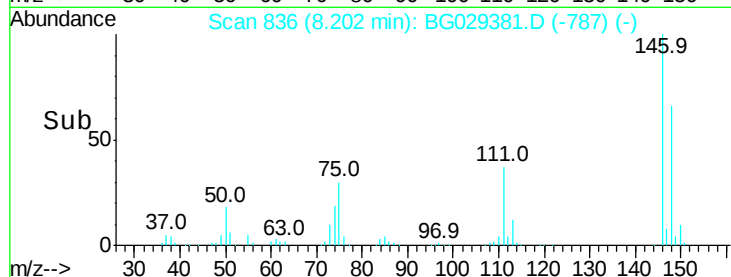
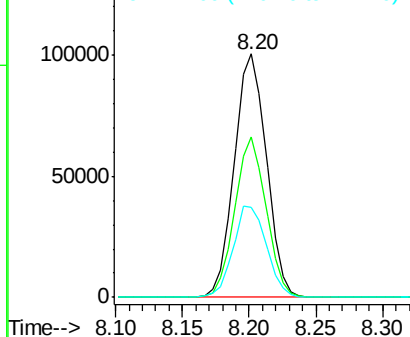
Tot Ion:	146	Resp:	167888
Ion Ratio	Lower	Upper	
146	100		
148	65.8	53.7	80.5
111	36.9	35.2	52.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.166 ng

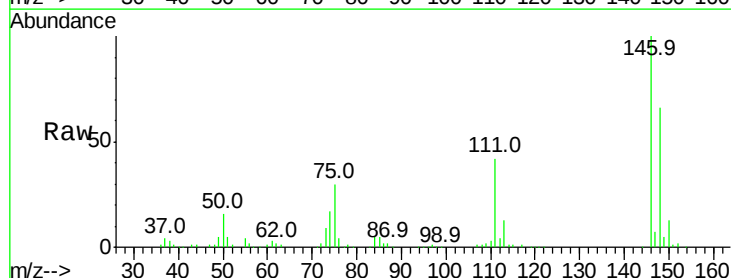
RT: 8.52 min Scan# 891

Delta R.T. -0.00 min

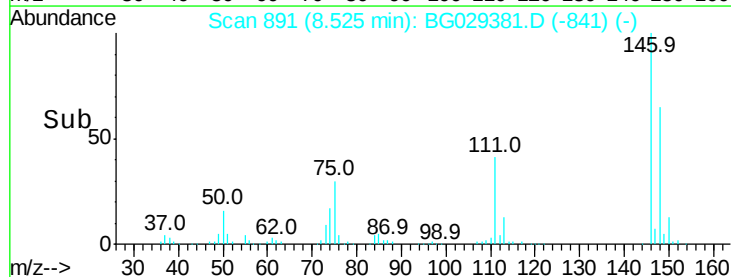
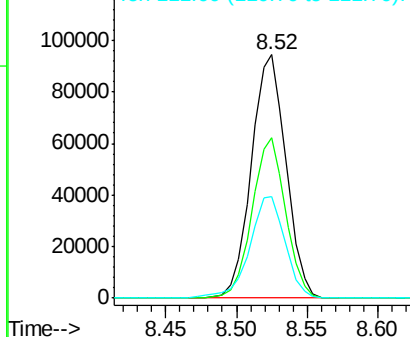
Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:	146	Resp:	162217
Ion Ratio	Lower	Upper	
146	100		
148	65.7	49.3	73.9
111	41.6	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





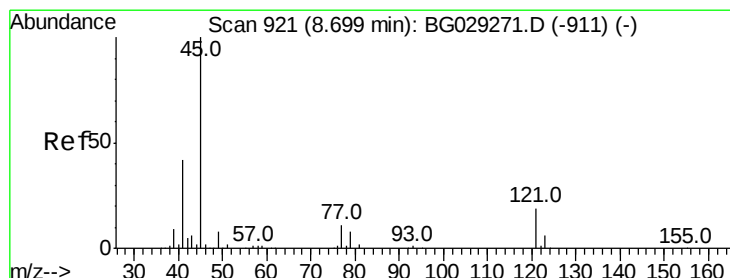
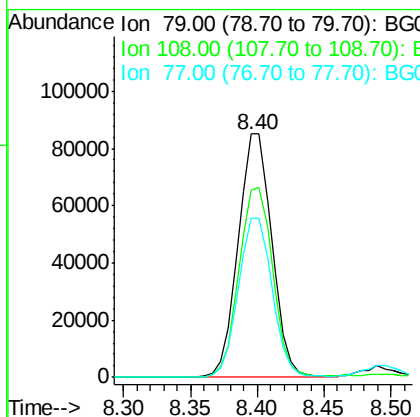
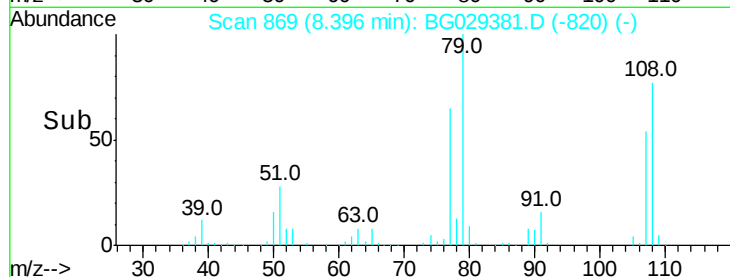
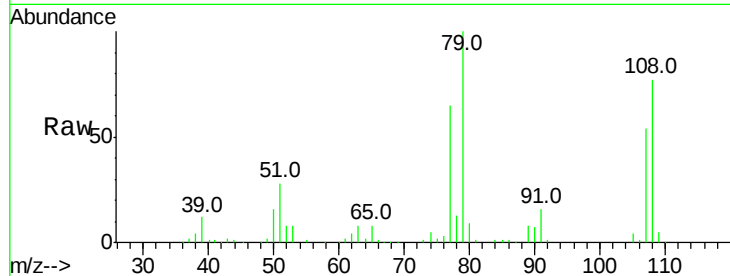
#15
Benzyl Alcohol
Concen: 47.425 ng
RT: 8.40 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampled :
PB103492BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	57.2	85.8
77	65.4	46.1	69.1

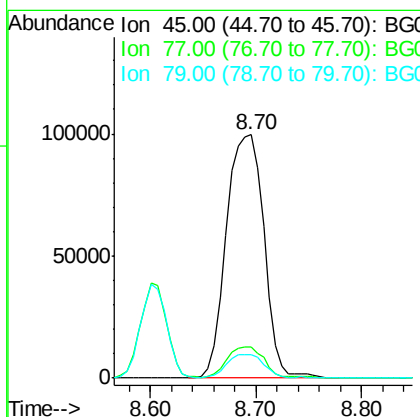
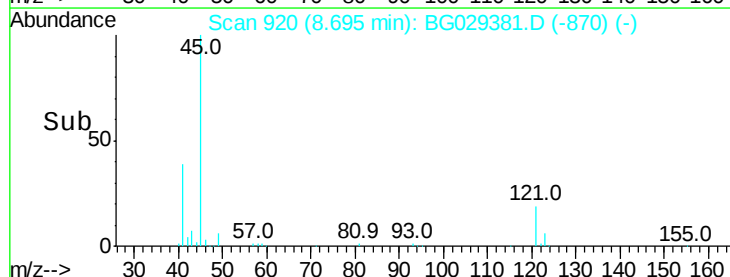
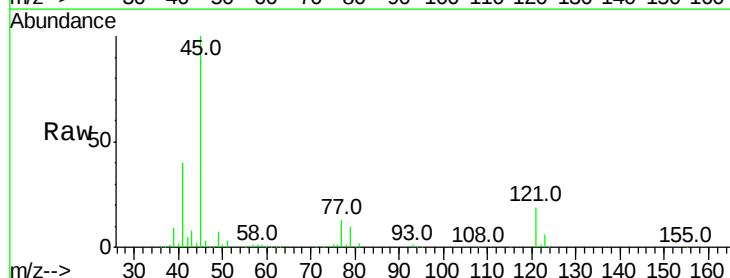
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.122 ng
RT: 8.70 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	30.2
79	9.5	0.0	27.9





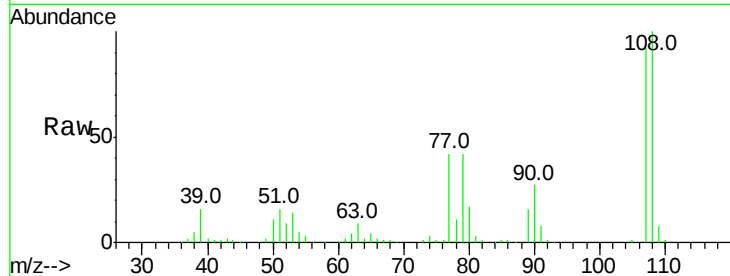
#17
2-Methylphenol
Concen: 45.158 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

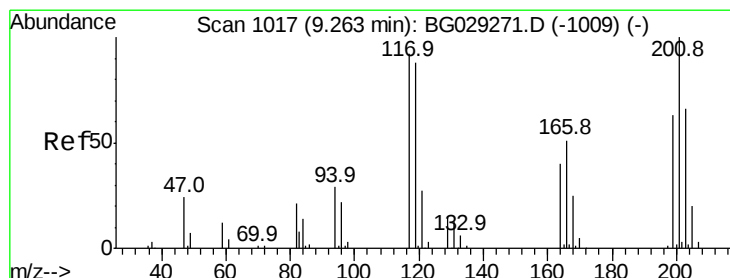
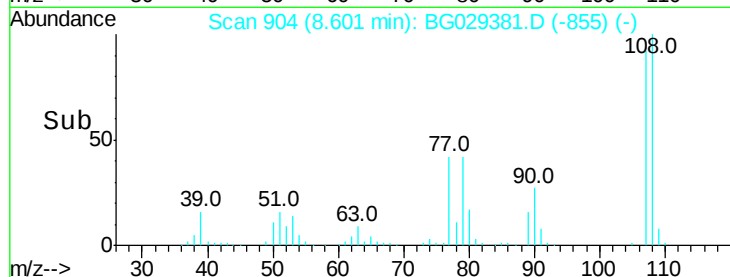
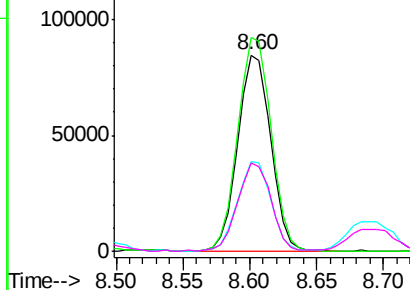
Tot Ion:	107	Resp:	144672
Ion Ratio	Lower	Upper	
107	100		
108	108.9	83.9	125.9
77	45.9	37.2	55.8
79	45.2	36.2	54.2

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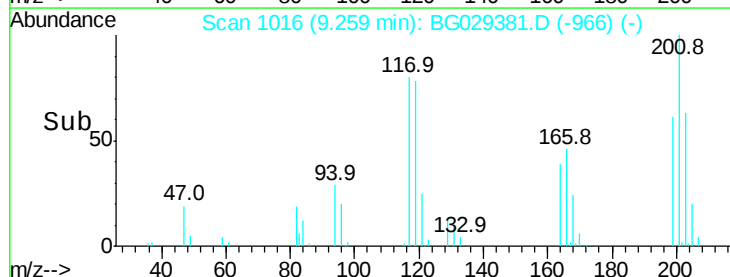
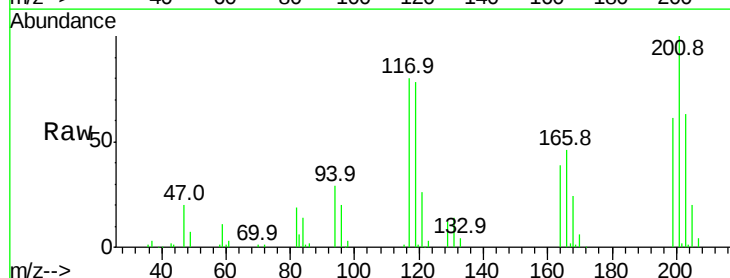
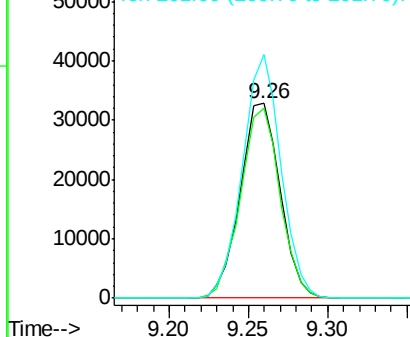
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

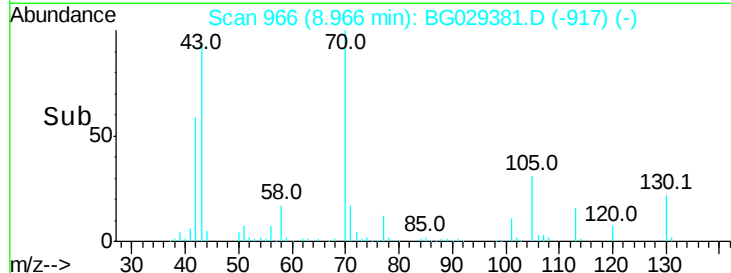
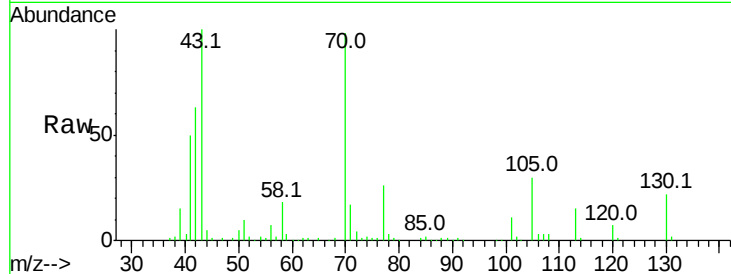
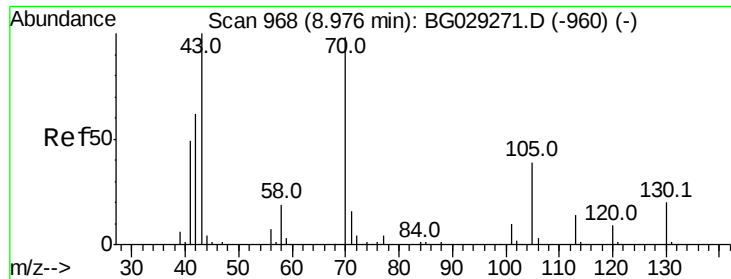


#18
Hexachloroethane
Concen: 40.385 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:	117	Resp:	57627
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.7	115.1
201	128.1	95.7	143.5

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





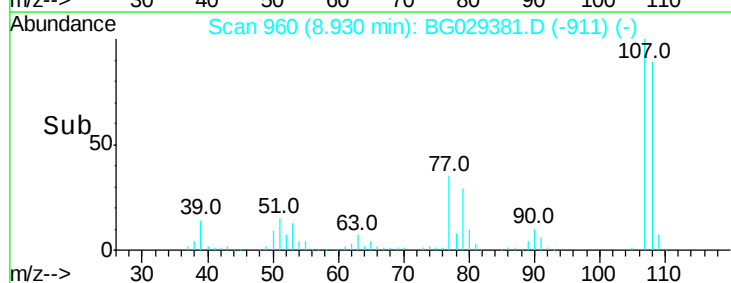
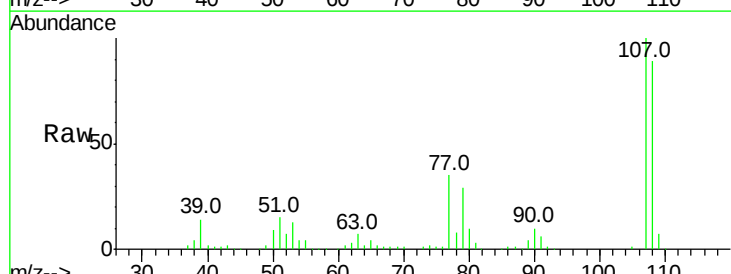
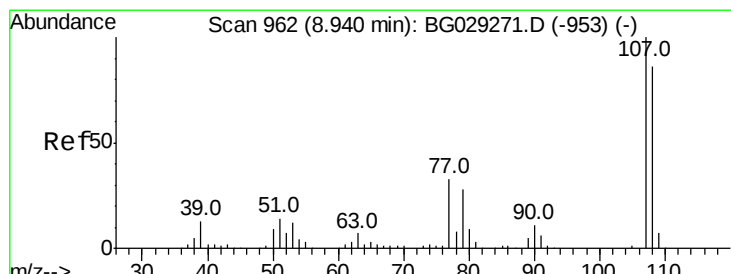
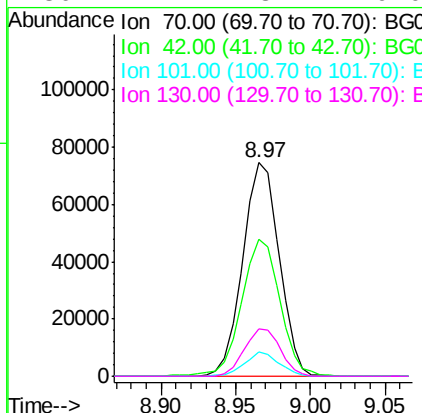
#19
n-Nitroso-di-n-propylamine
Concen: 41.392 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	49.1	73.7
101	11.2	8.5	12.7
130	22.2	13.4	20.0

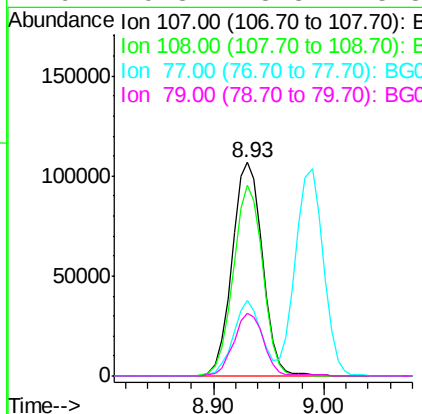
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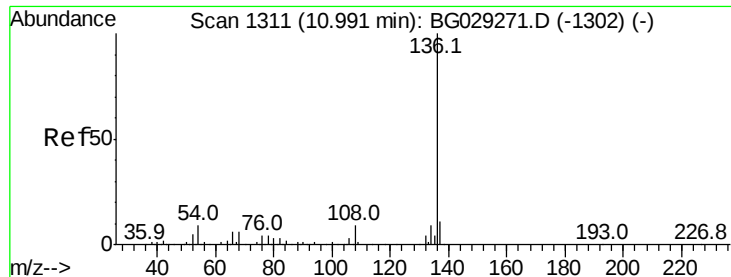
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#20
3+4-Methylphenols
Concen: 45.570 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	61.6	101.6
77	35.3	13.9	53.9
79	29.3	8.8	48.8





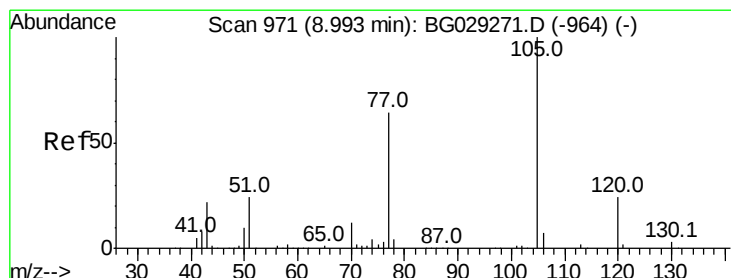
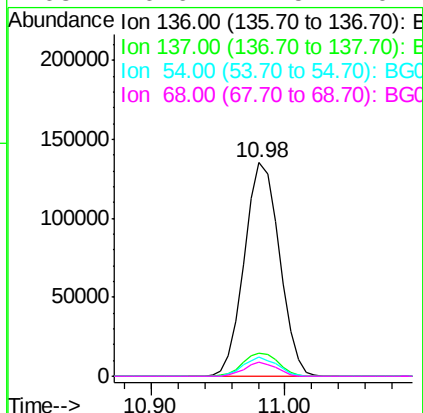
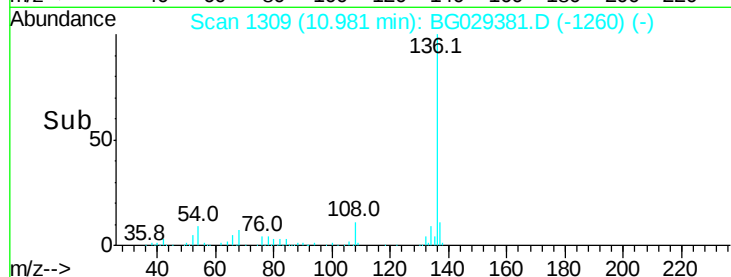
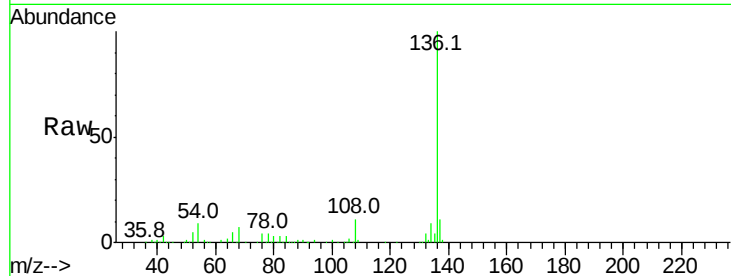
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.2	13.8	
54	8.9	10.3	15.5	
68	6.6	4.5	6.7	

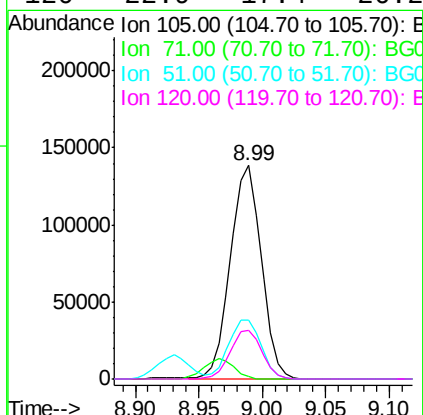
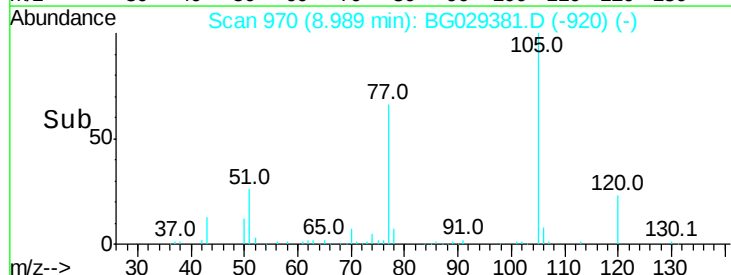
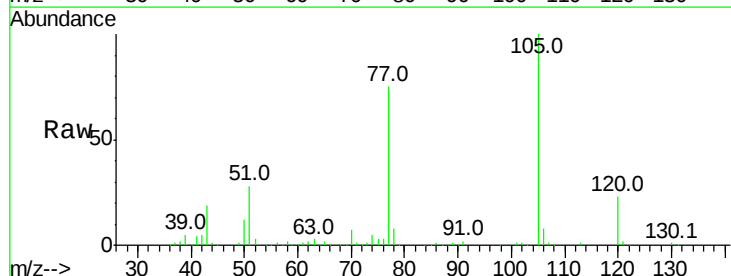
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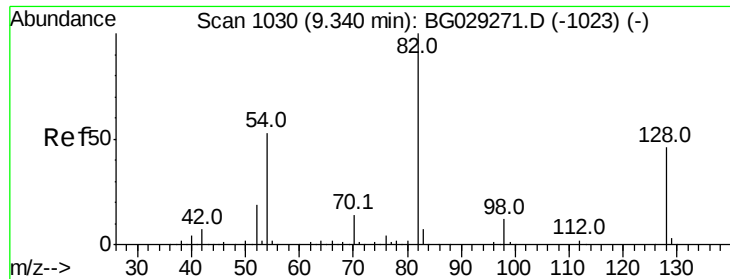
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#22
Acetophenone
Concen: 39.575 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	3.0	4.4	
51	27.8	26.1	39.1	
120	22.9	17.4	26.2	





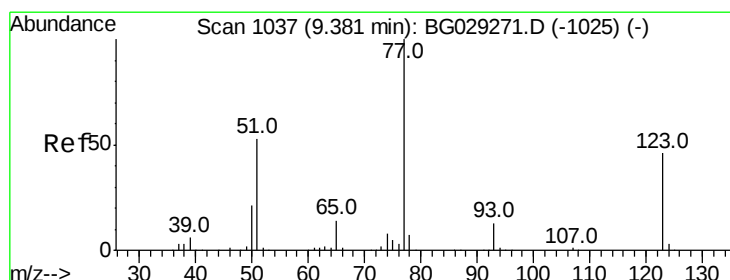
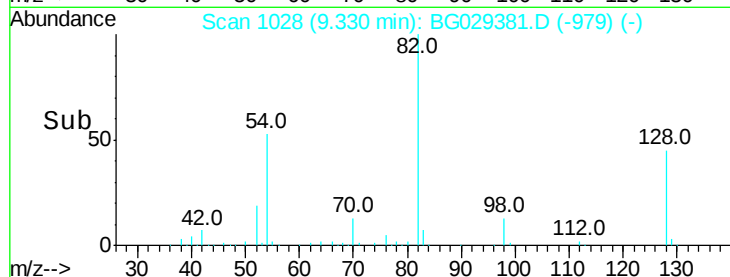
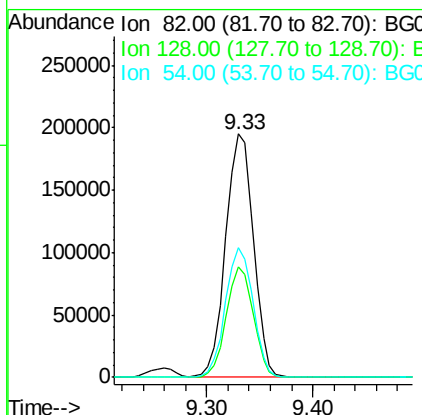
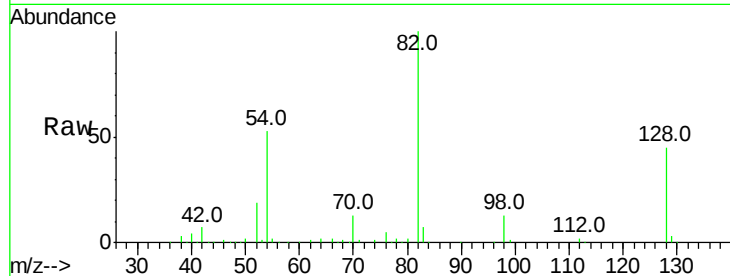
#23
Nitrobenzene-d5
Concen: 91.521 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleID :
PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	29.7	44.5#	
54	53.4	43.1	64.7	

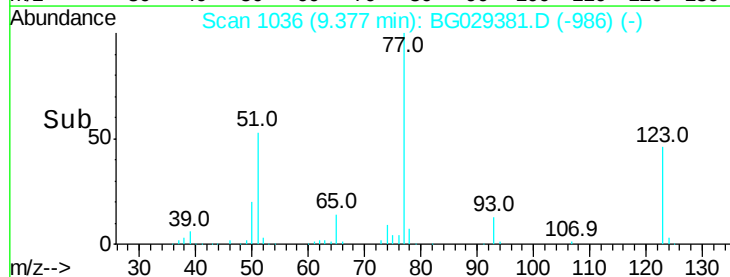
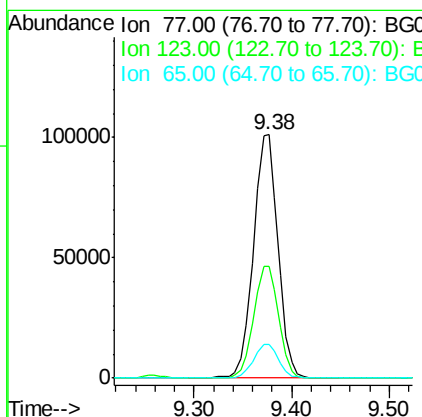
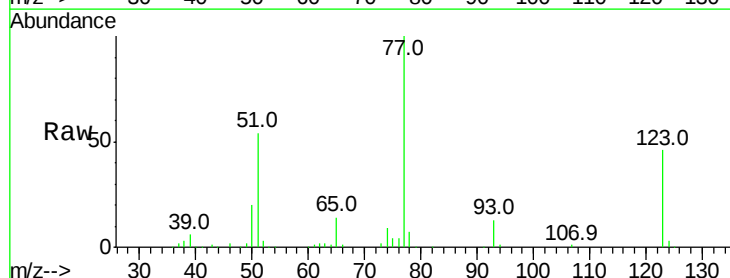
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#24
Nitrobenzene
Concen: 41.290 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.2	33.0	49.6	
65	13.9	13.0	19.6	





#25

Isophorone

Concen: 43.630 ng

RT: 9.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

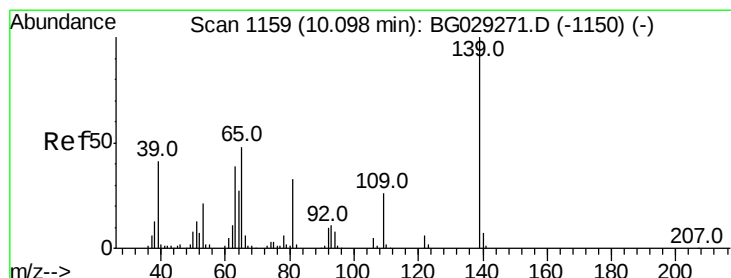
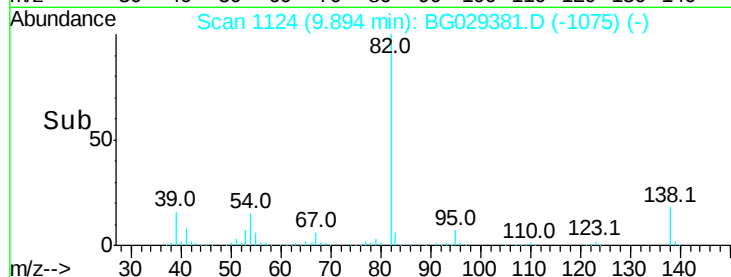
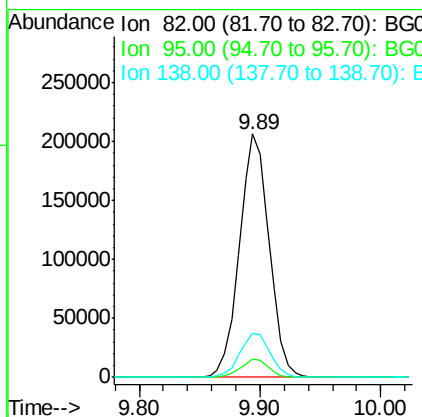
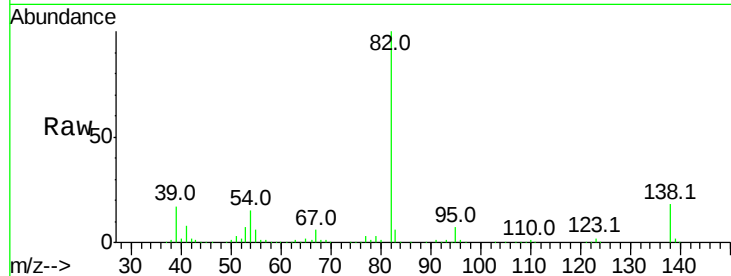
ClientSampleId :

PB103492BS

Tot Ion:	82	Resp:	352694
Ion Ratio		Lower	Upper
82	100		
95	7.3	6.2	9.2
138	18.1	12.1	18.1

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#26

2-Nitrophenol

Concen: 45.124 ng

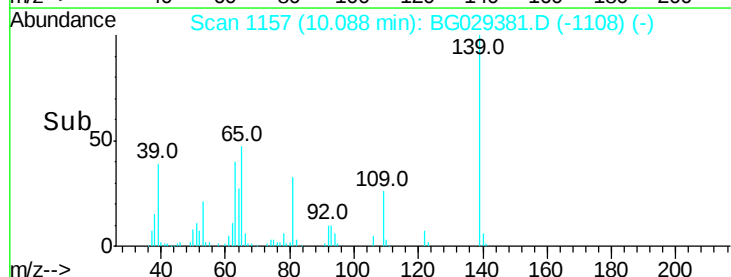
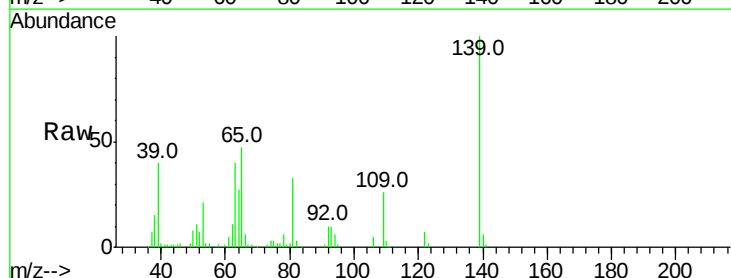
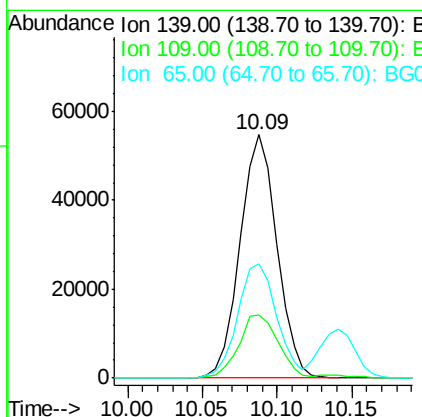
RT: 10.09 min Scan# 1157

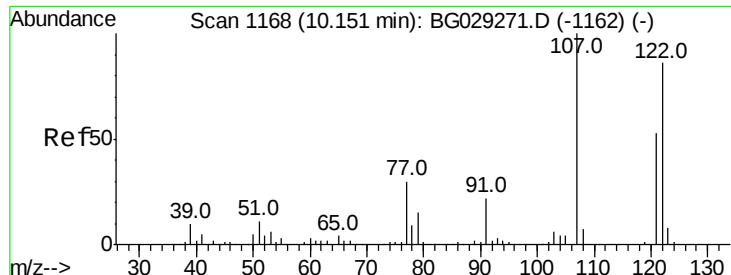
Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:	139	Resp:	93897
Ion Ratio		Lower	Upper
139	100		
109	26.0	24.2	36.2
65	47.1	47.4	71.0#





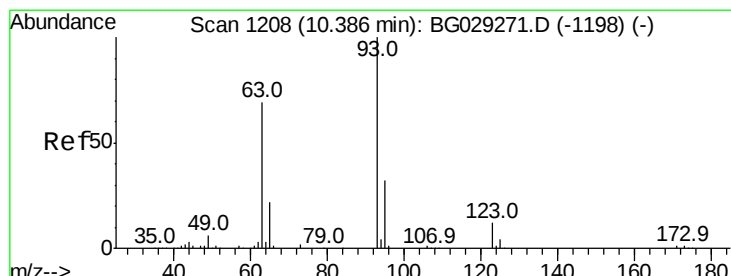
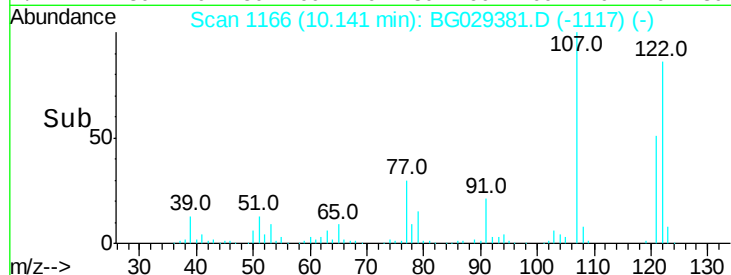
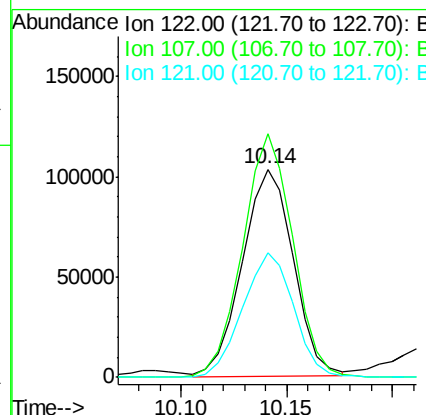
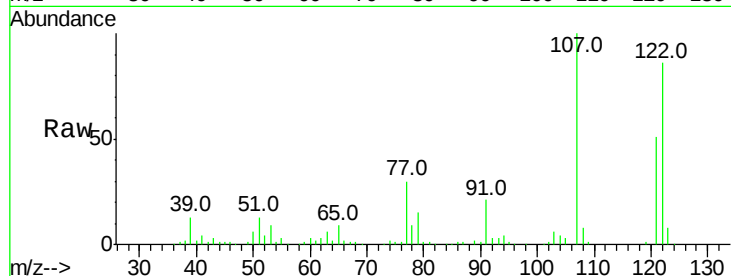
#27
 2,4-Dimethylphenol
 Concen: 46.007 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		173211		
107	116.9	100.2	150.2		
121	60.0	44.4	66.6		

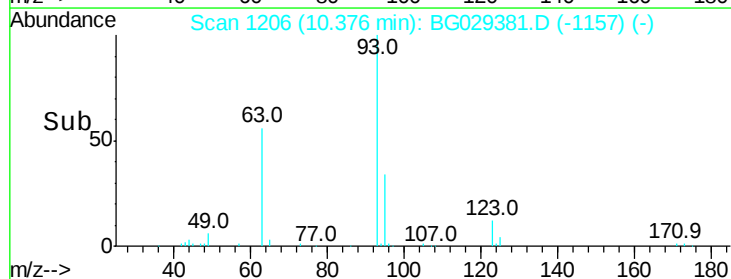
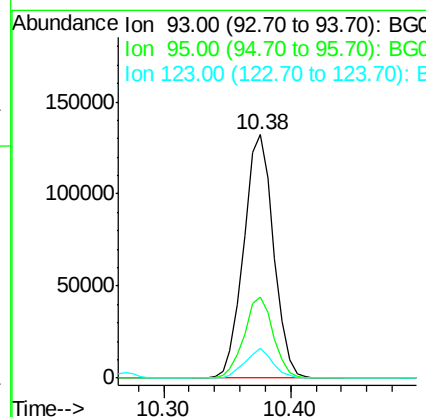
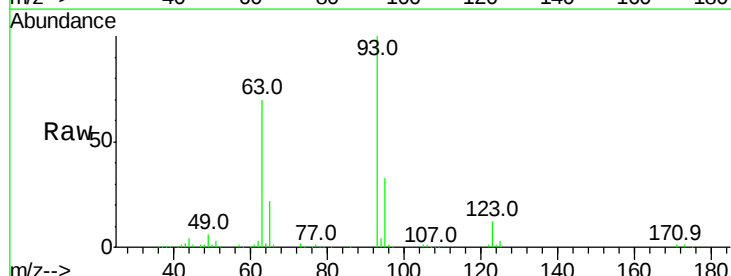
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.374 ng
 RT: 10.38 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		214999		
95	33.1	24.3	36.5		
123	12.1	8.4	12.6		





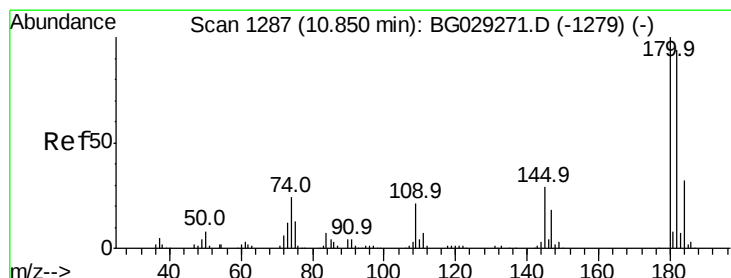
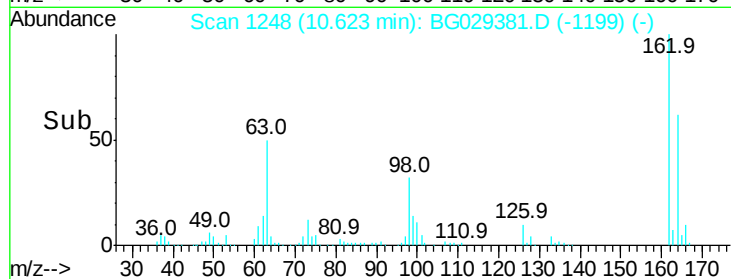
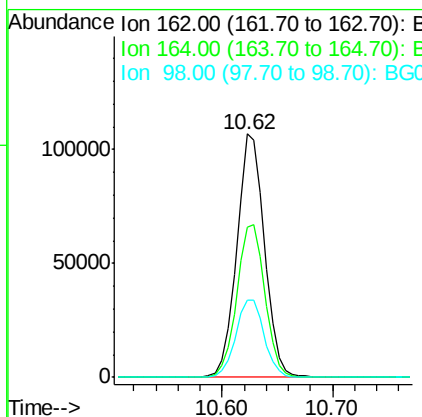
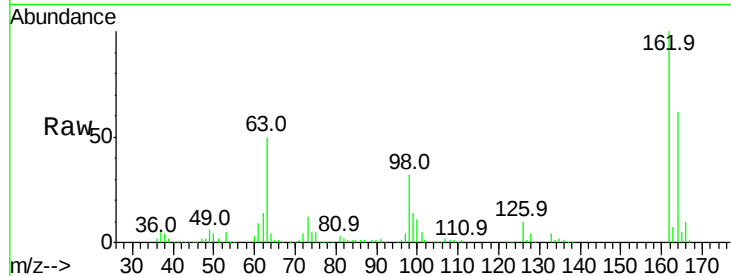
#29
 2,4-Dichlorophenol
 Concen: 46.915 ng
 RT: 10.62 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampled :
 PB103492BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.8	48.0	88.0
98	31.8	21.1	61.1

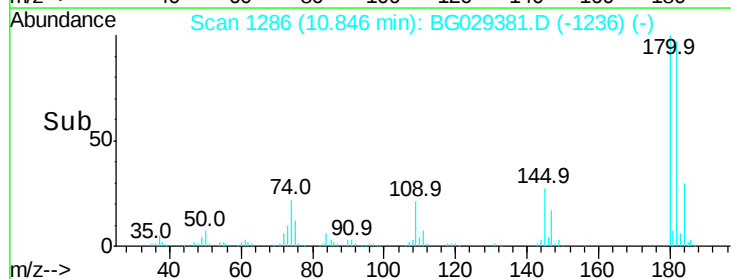
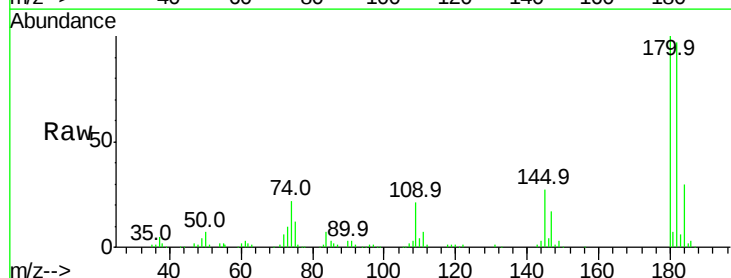
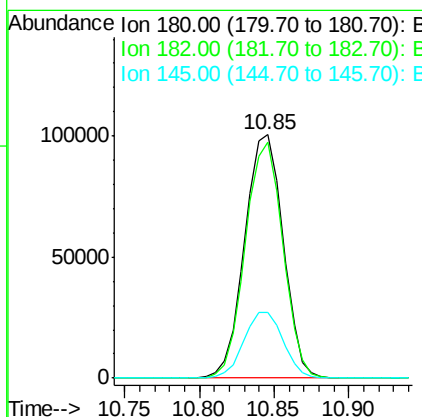
Manual Integrations
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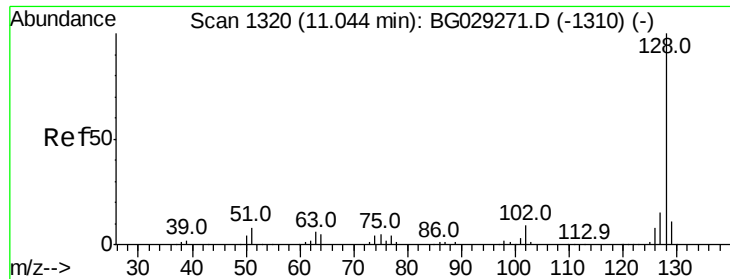
Sohil
 10/23/2017 3:41:11 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.344 ng
 RT: 10.85 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	77.5	116.3
145	26.9	23.4	35.2





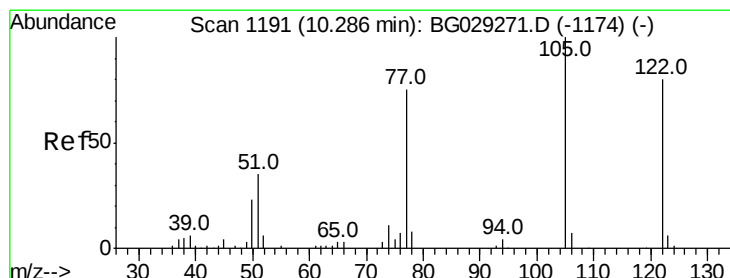
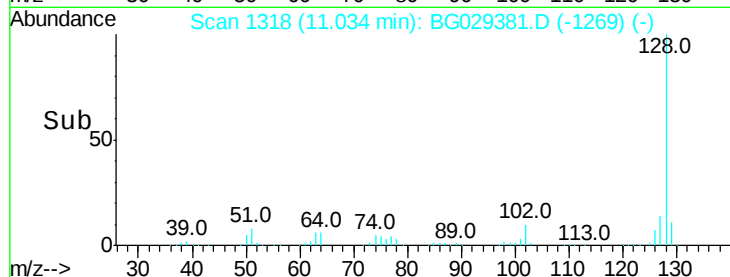
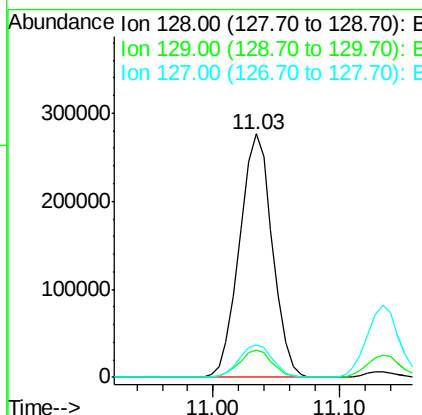
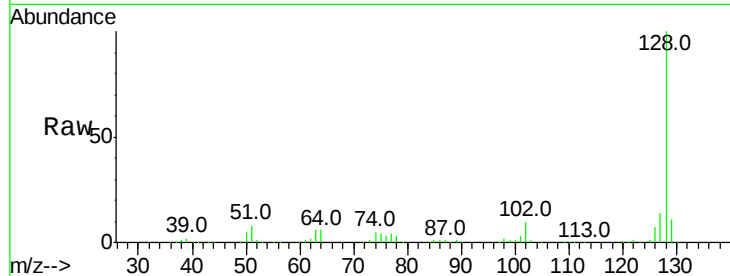
#31
Naphthalene
Concen: 40.426 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	495767		
129	11.0		8.6	12.8
127	13.6		11.6	17.4

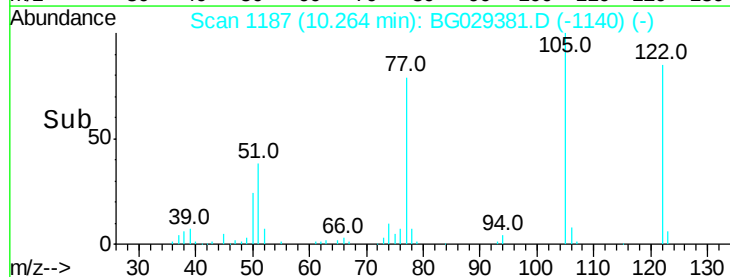
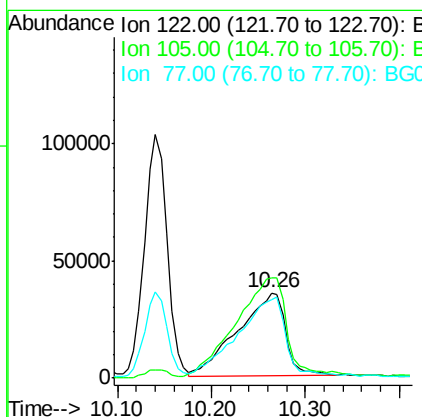
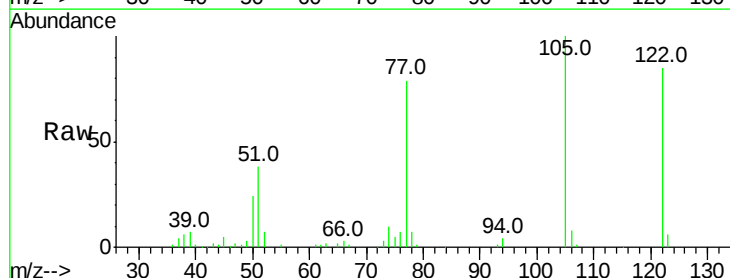
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#32
Benzoic acid
Concen: 39.310 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	123918		
105	117.7		123.5	163.5#
77	92.6		85.7	125.7





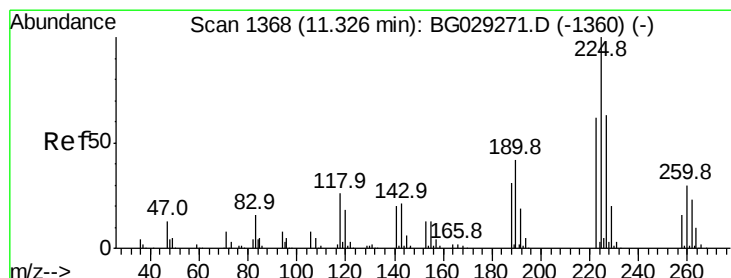
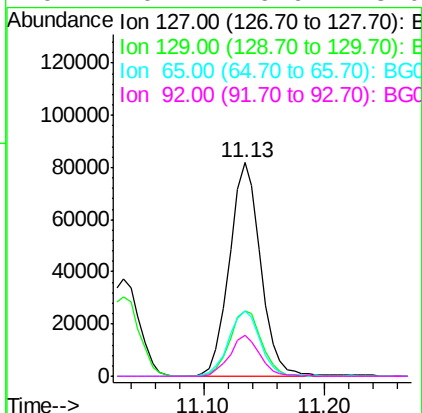
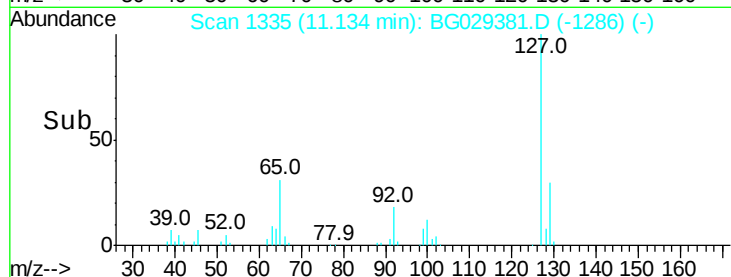
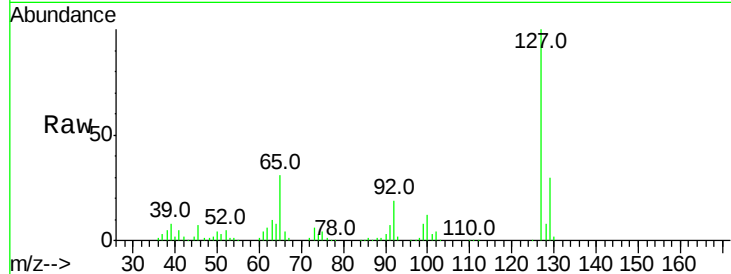
#33
4-Chloroaniline
Concen: 28.304 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.5	24.0	36.0		
65	30.9	27.0	40.4		
92	19.1	16.6	25.0		

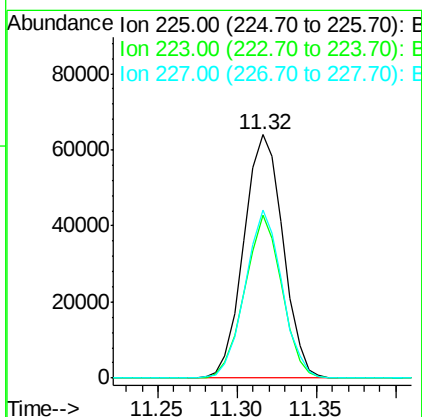
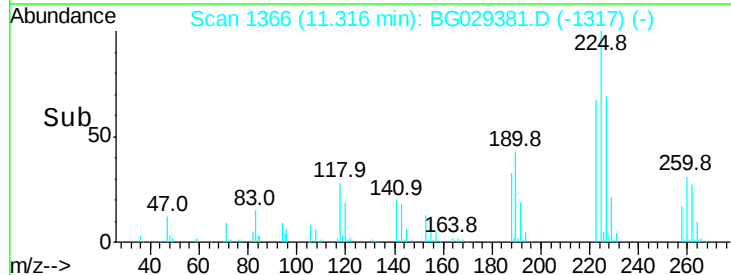
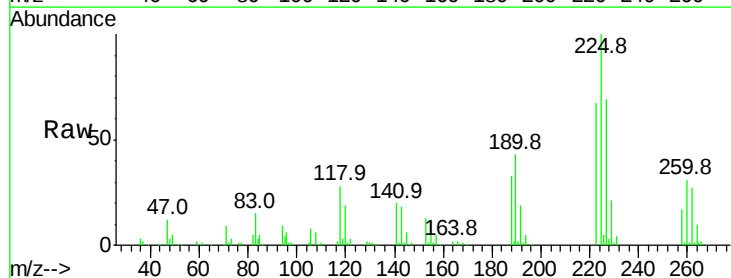
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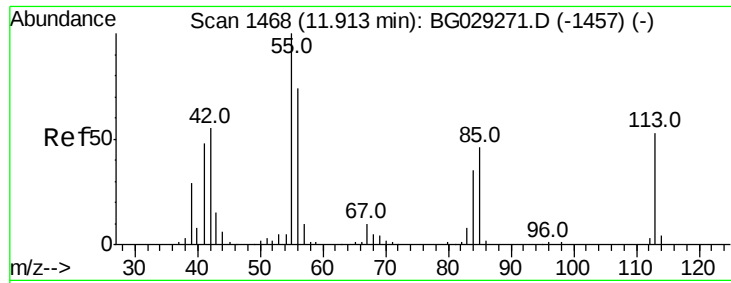
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#34
Hexachlorobutadiene
Concen: 40.777 ng
RT: 11.32 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	67.1	49.7	74.5		
227	68.9	48.1	72.1		





#35

Caprolactam

Concen: 55.535 ng/mL

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

PB103492BS

Tot Ion:113 Resp: 74099

Ion Ratio Lower Upper

113 100

55 186.5 186.9 226.9#

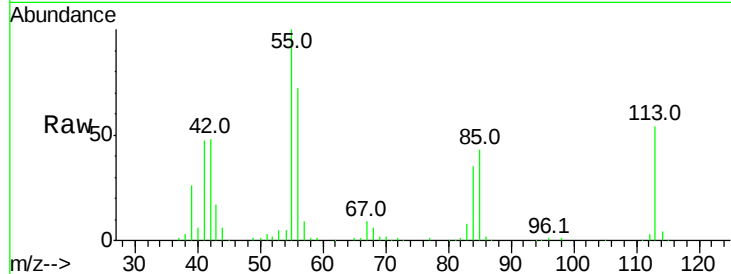
56 133.4 130.9 170.9

Manual Integrations

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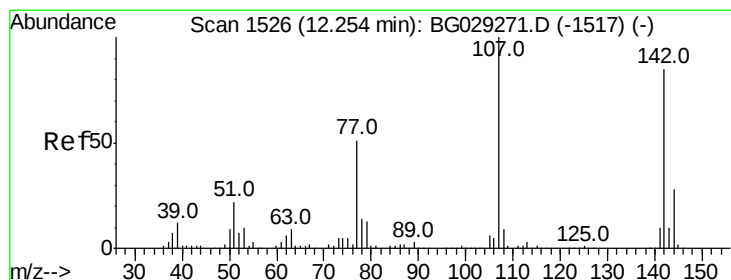
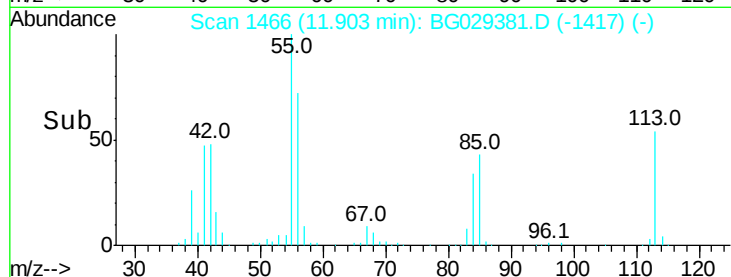
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG029271.D (-1457) (-)

Ion 56.00 (55.70 to 56.70): BG029271.D (-1457) (-)

11.90

Time-->



#36

4-Chloro-3-methylphenol

Concen: 46.059 ng/mL

RT: 12.24 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

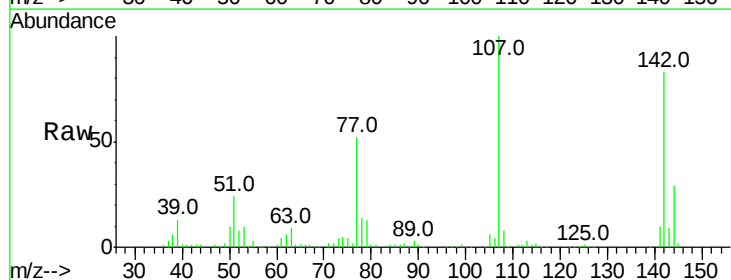
Tgt Ion:107 Resp: 203379

Ion Ratio Lower Upper

107 100

144 28.7 18.2 27.4#

142 82.6 59.0 88.4



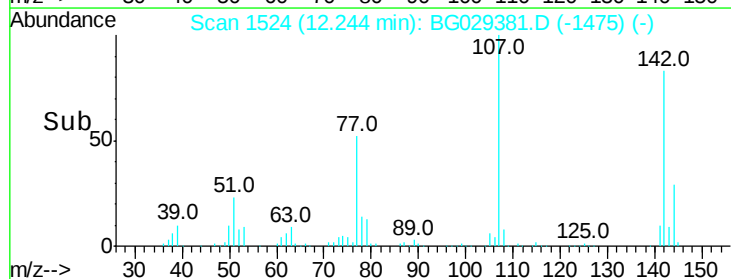
Abundance Ion 107.00 (106.70 to 107.70): E

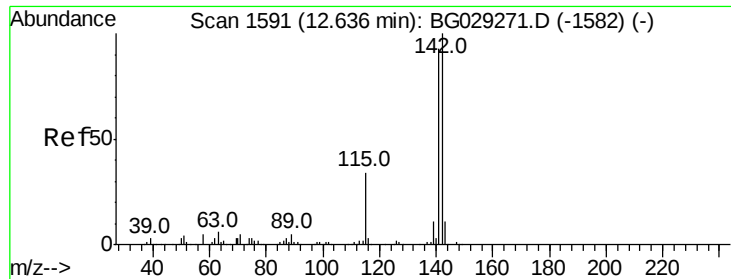
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

12.24

Time-->





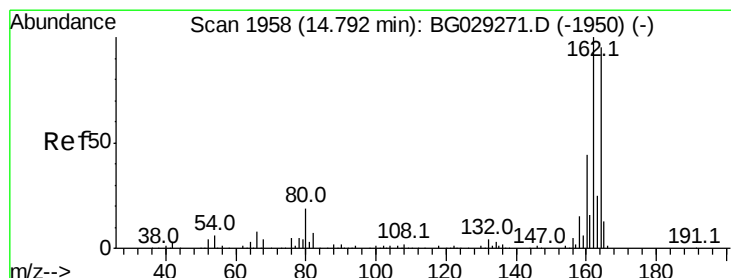
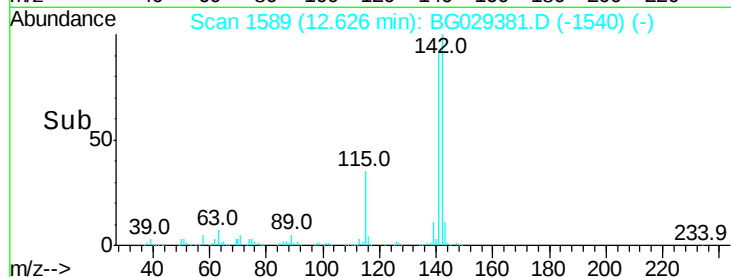
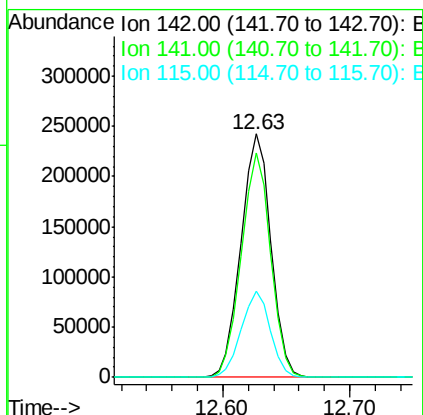
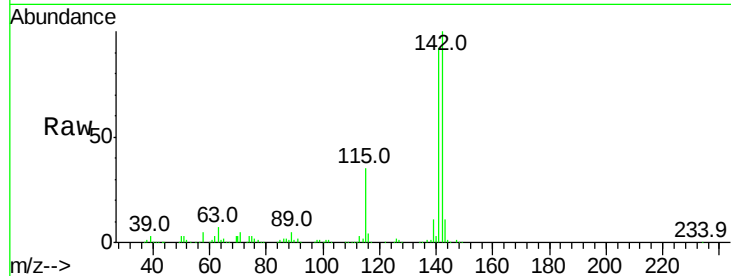
#37
2-Methylnaphthalene
Concen: 44.352 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	396415		
141	92.3	67.1	100.7	
115	35.3	30.7	46.1	

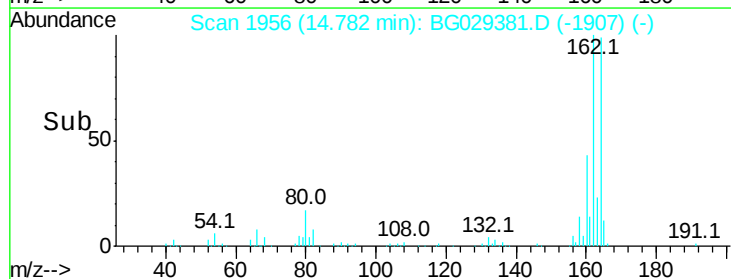
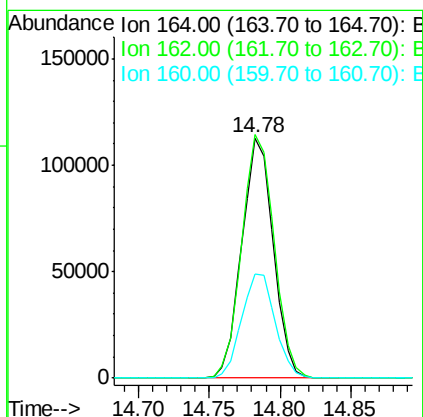
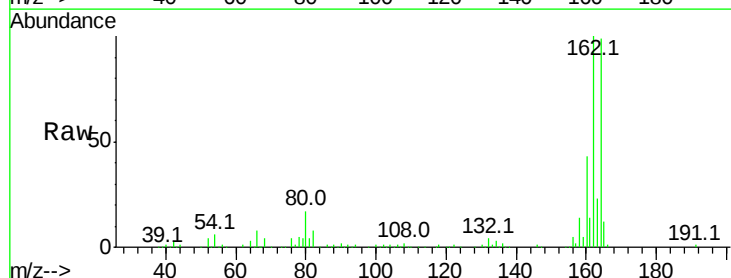
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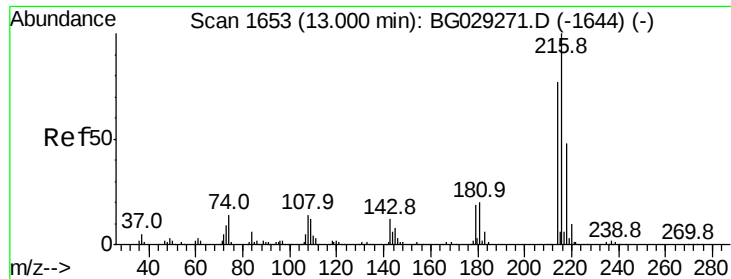
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	176136		
162	101.3	78.8	118.2	
160	43.3	35.4	53.0	





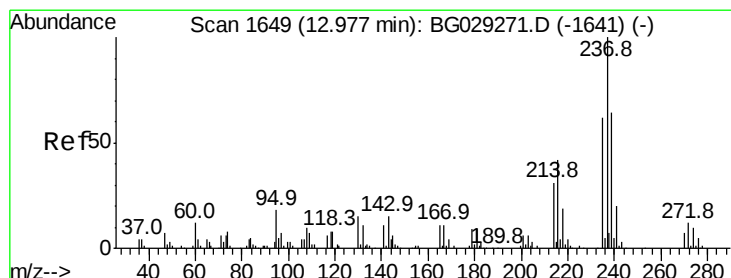
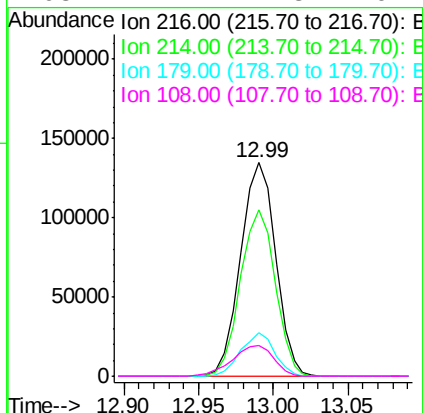
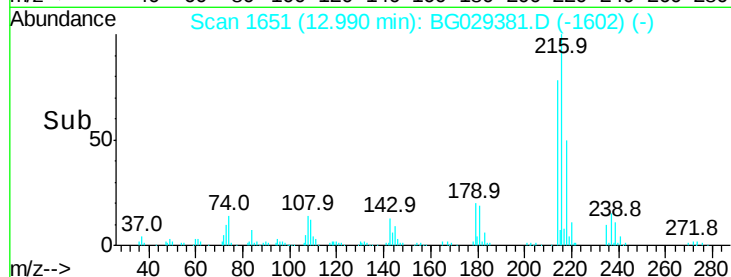
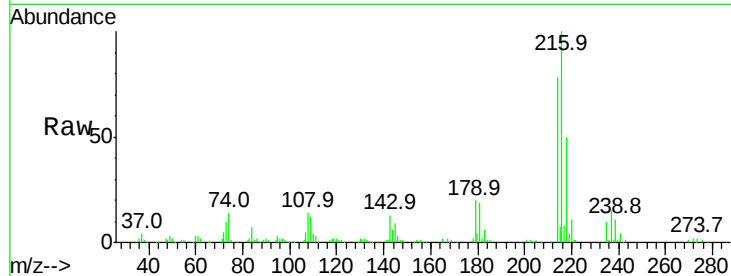
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.126 ng
 RT: 12.99 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.4	63.0	94.4
179	19.7	17.0	25.6
108	17.2	12.8	19.2

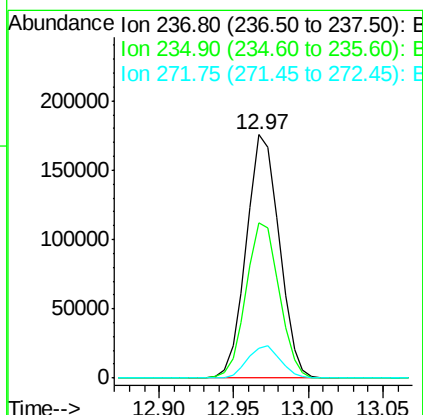
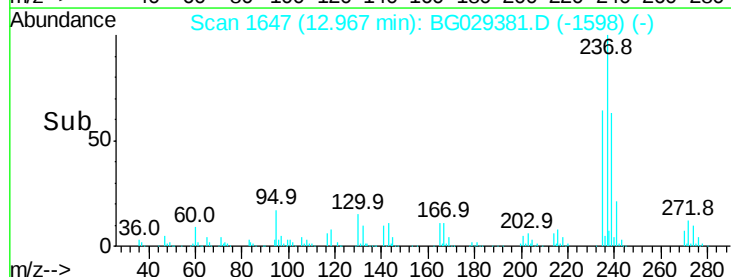
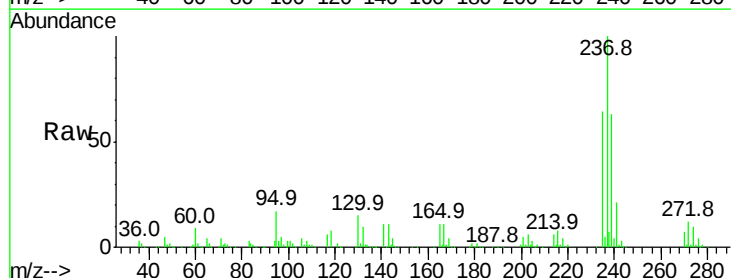
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#40
 Hexachlorocyclopentadiene
 Concen: 108.286 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	50.4	90.4
272	12.1	0.0	31.8





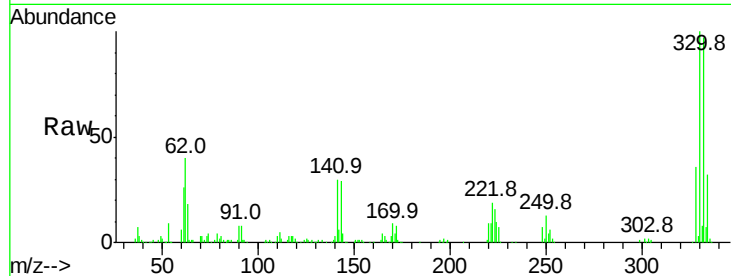
#41
 2,4,6-Tribromophenol
 Concen: 105.456 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	239816		
332	96.1	77.0	115.6	
141	32.8	25.2	37.8	

Manual Integrations
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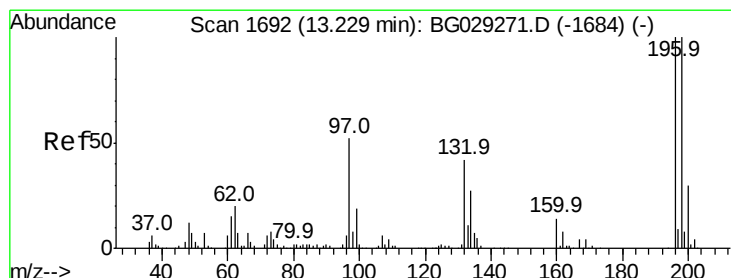
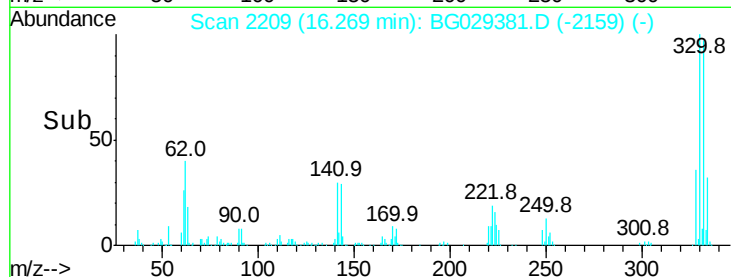
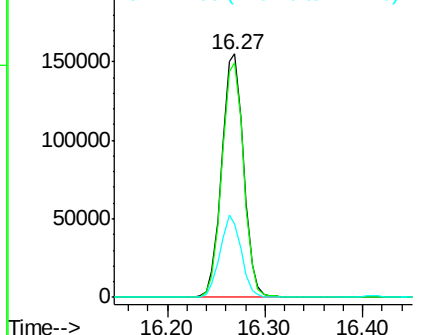


Abundance

Ion 329.80 (329.50 to 330.50): E

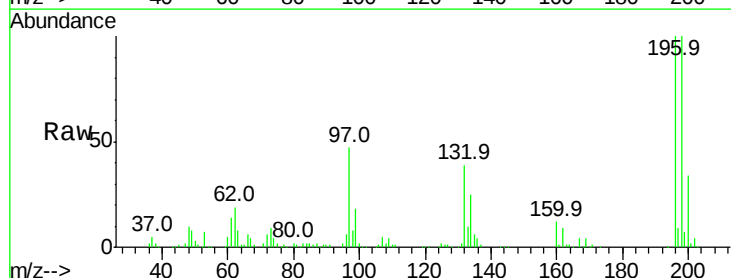
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.906 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169173		
198	99.8	78.2	117.2	
200	33.9	24.6	36.8	

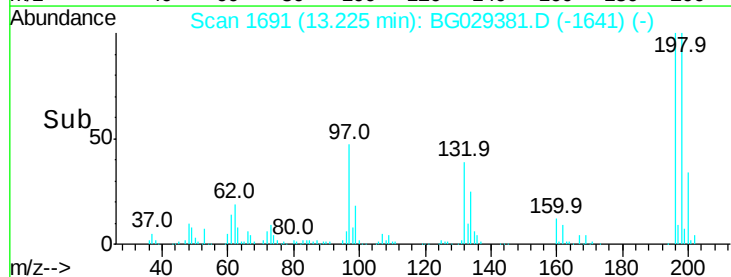
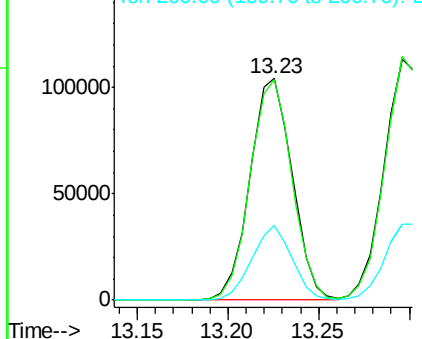


Abundance

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





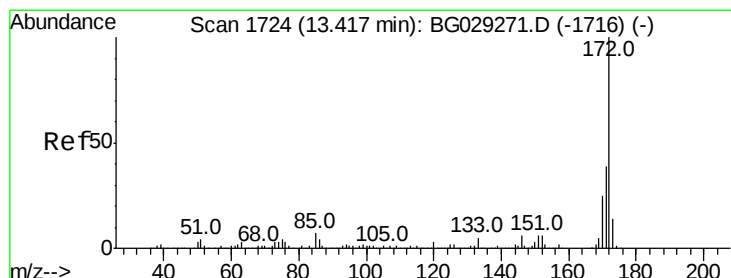
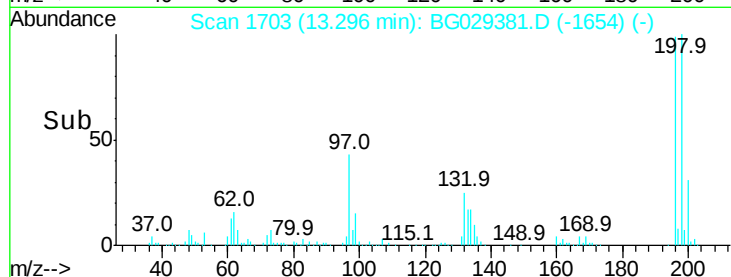
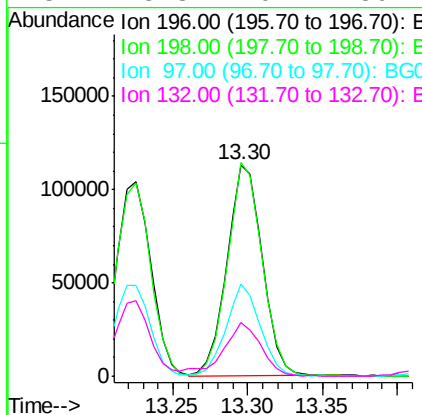
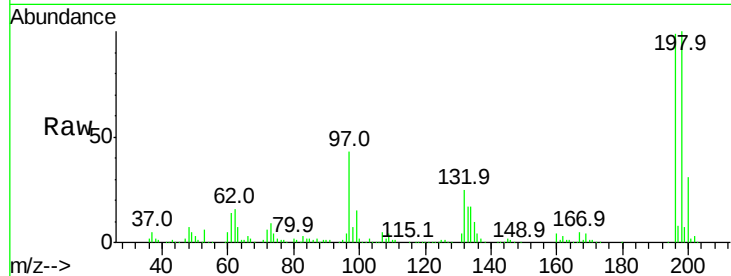
#43
 2,4,5-Trichlorophenol
 Concen: 45.121 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	187067		
198	100.8	76.2	114.4	
97	43.7	38.7	58.1	
132	25.3	20.2	30.2	

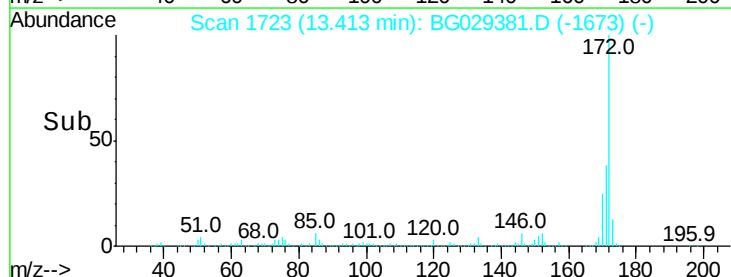
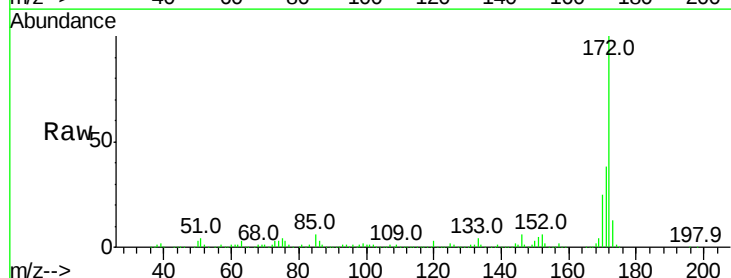
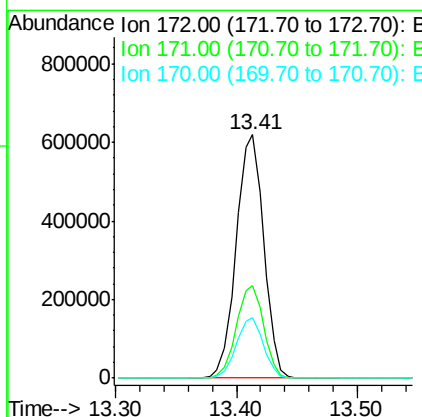
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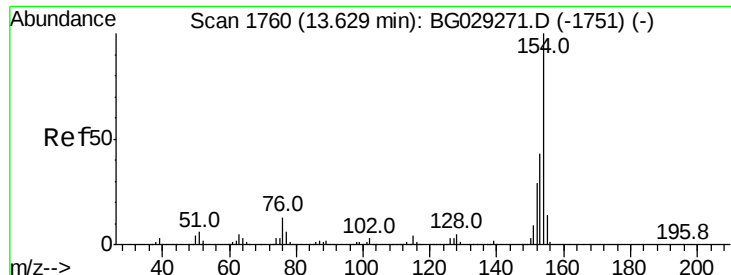
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 81.787 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	982205		
171	38.1	30.0	45.0	
170	24.8	19.5	29.3	





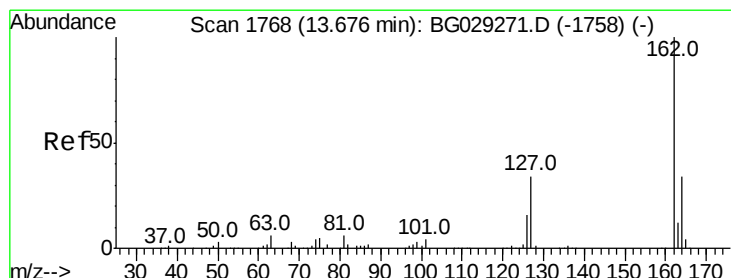
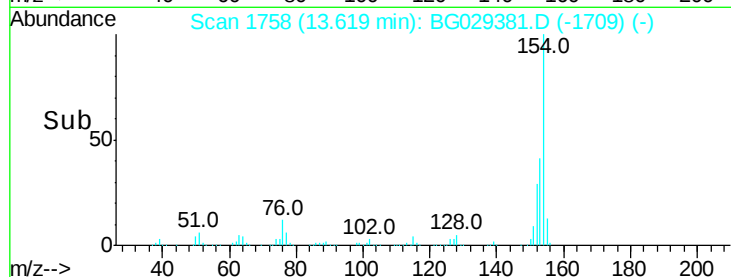
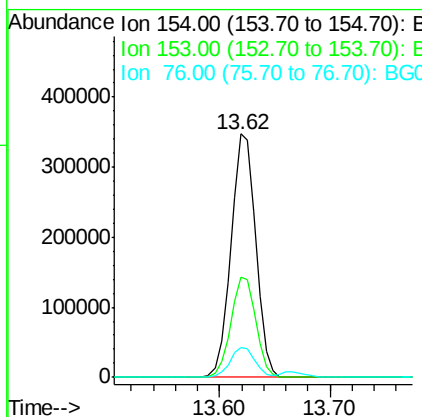
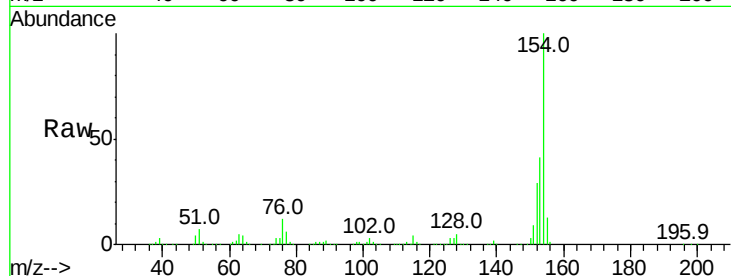
#45
 1,1'-Biphenyl
 Concen: 36.092 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	19.8	59.8	
76	12.1	0.0	31.9	

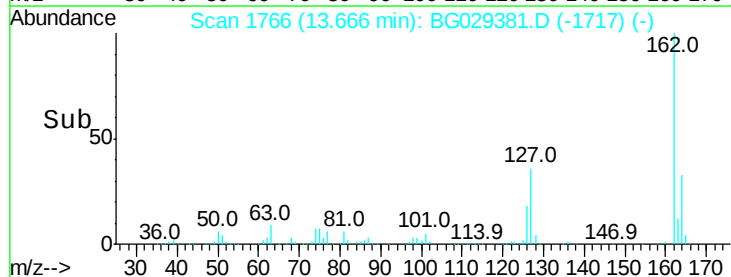
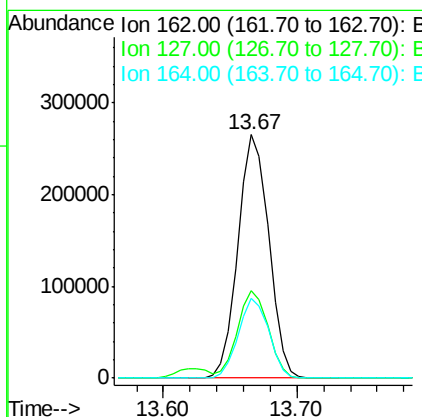
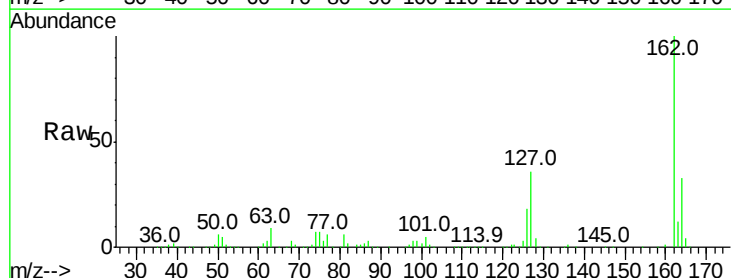
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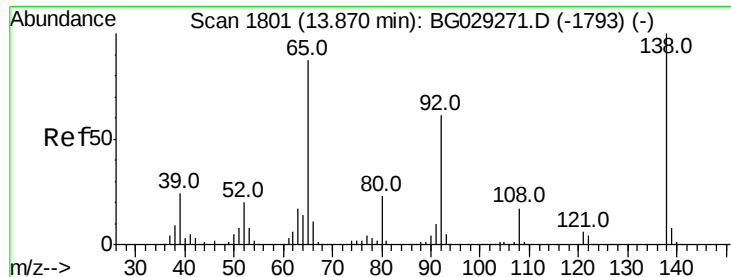
Sohil
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#46
 2-Chloronaphthalene
 Concen: 38.408 ng
 RT: 13.67 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.0	30.7	46.1	
164	32.9	26.0	39.0	





#47

2-Nitroaniline

Concen: 46.437 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

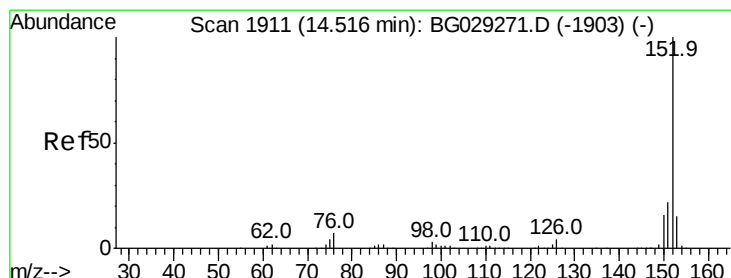
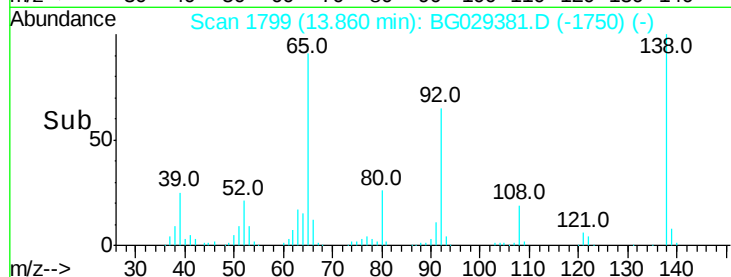
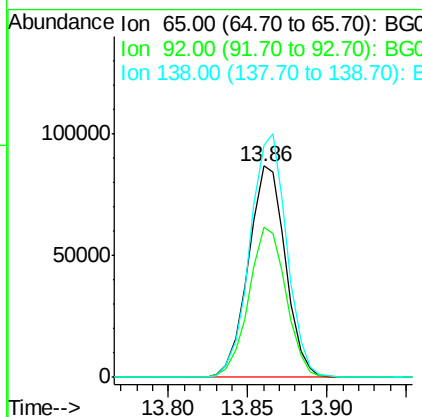
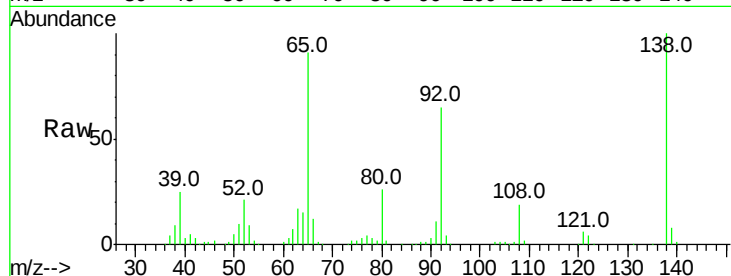
PB103492BS

Tot Ion: 65 Resp: 140852
Ion Ratio Lower Upper

65	100		
92	71.4	54.6	82.0
138	109.7	72.9	109.3#

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#48

Acenaphthylene

Concen: 39.913 ng

RT: 14.51 min Scan# 1909

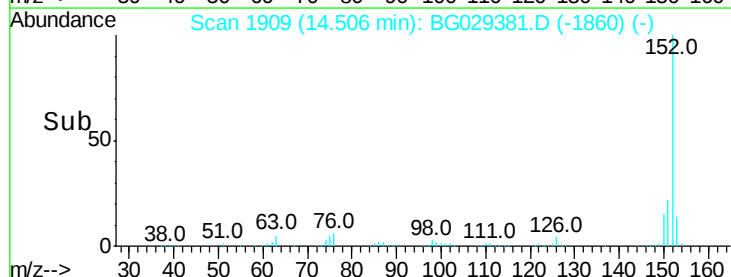
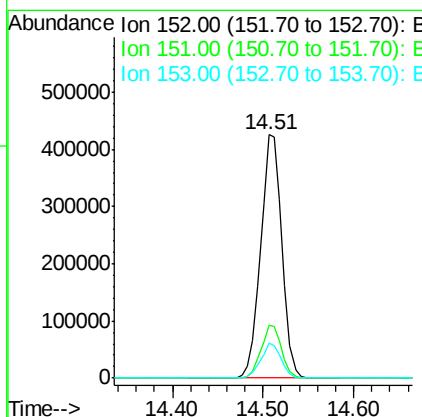
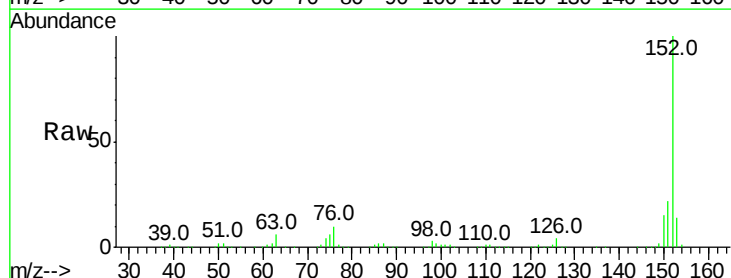
Delta R.T. -0.01 min

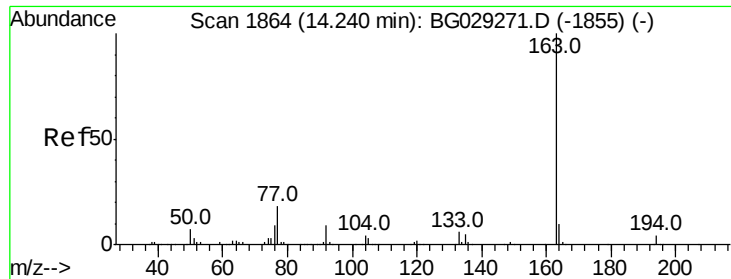
Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion: 152 Resp: 689812
Ion Ratio Lower Upper

152	100		
151	21.8	17.2	25.8
153	14.4	10.2	15.4





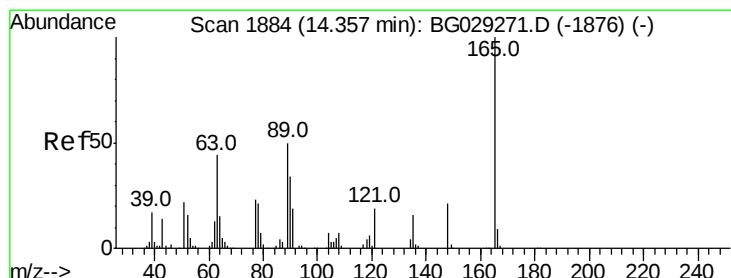
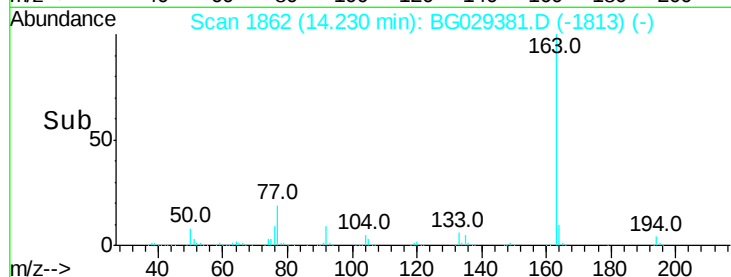
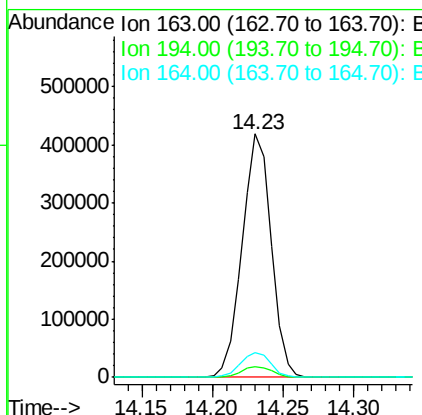
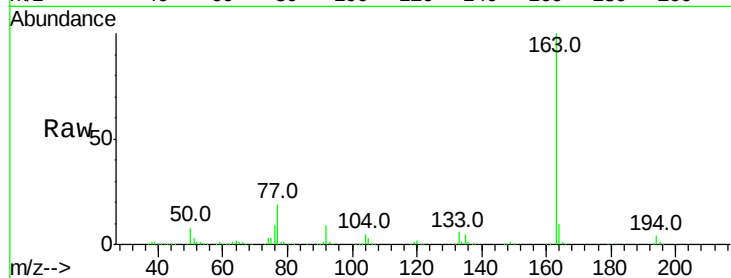
#49
Dimethylphthalate
Concen: 43.845 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	602551		
194	4.2		3.4	5.2
164	10.3		8.2	12.4

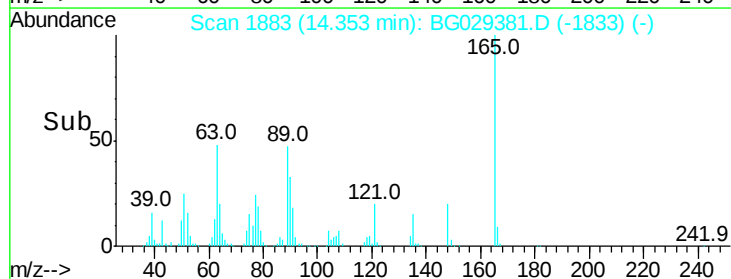
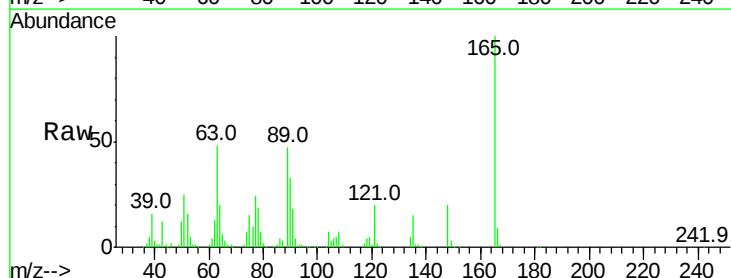
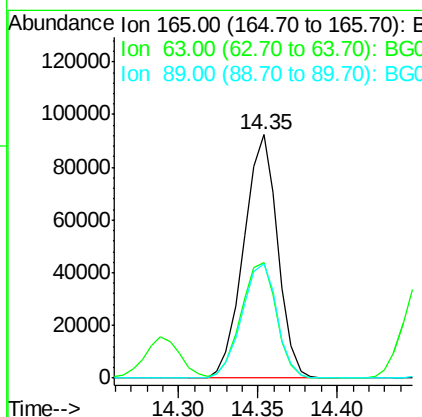
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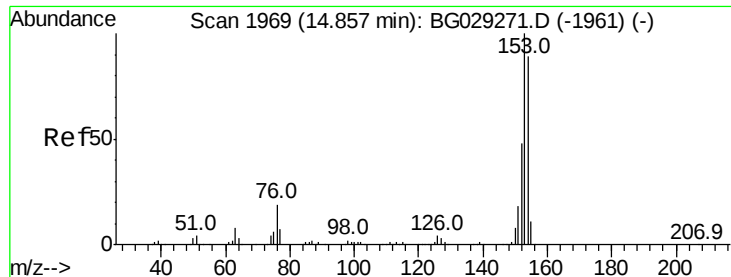
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#50
2,6-Dinitrotoluene
Concen: 47.341 ng
RT: 14.35 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136382		
63	47.5		52.7	79.1#
89	46.8		49.2	73.8#





#51

Acenaphthene

Concen: 38.343 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

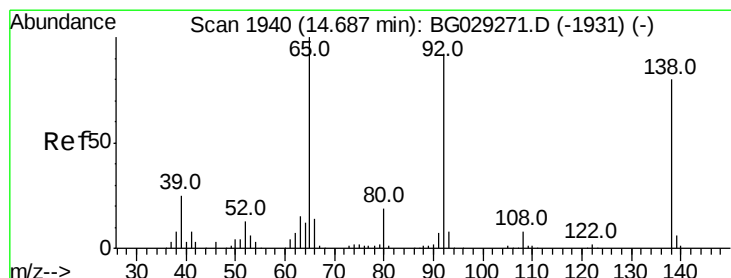
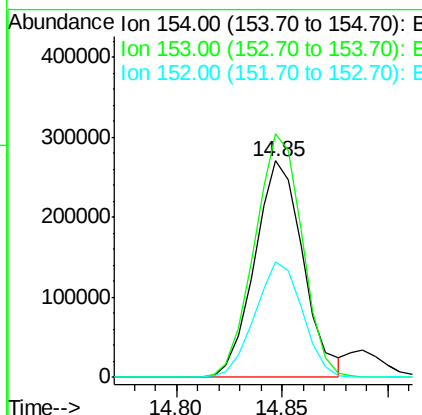
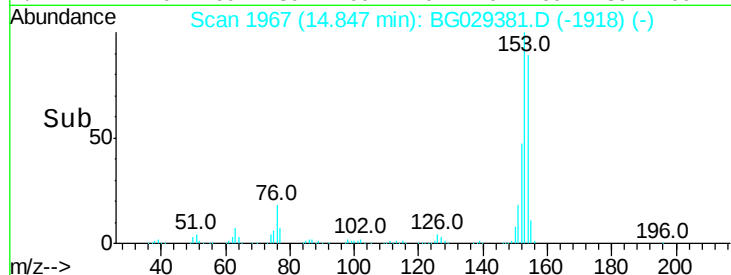
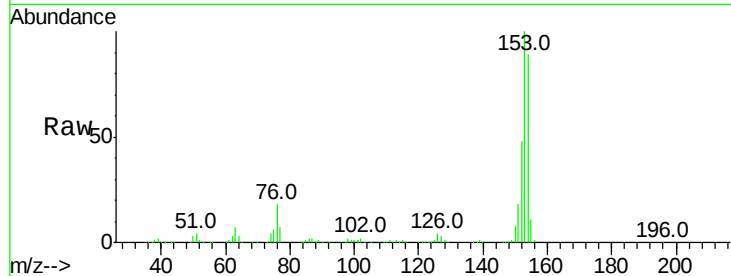
ClientSampleId :

PB103492BS

Tot Ion:	154	Resp:	431160
Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.4	135.6
152	53.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 36.292 ng

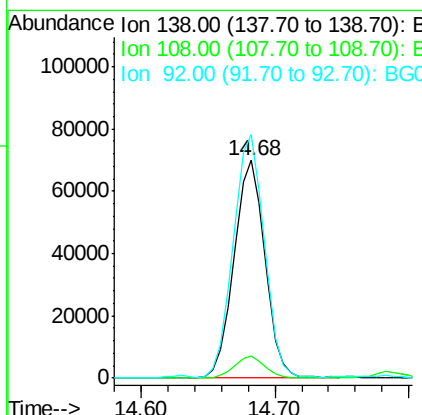
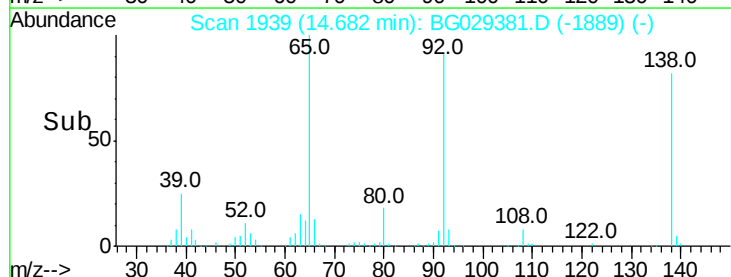
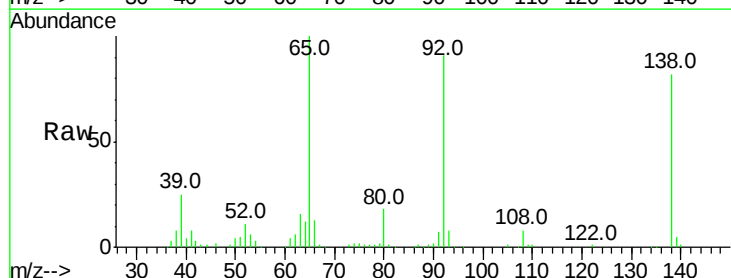
RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:	138	Resp:	112821
Ion	Ratio	Lower	Upper
138	100		
108	10.0	17.5	26.3#
92	112.0	105.8	158.8





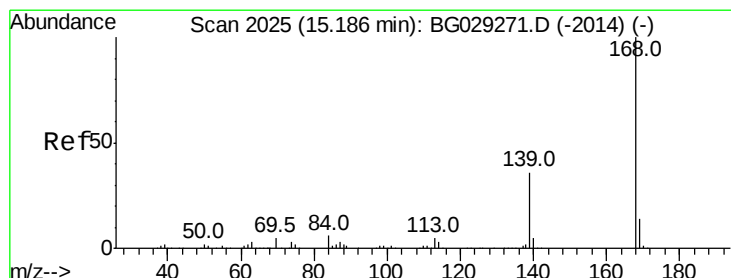
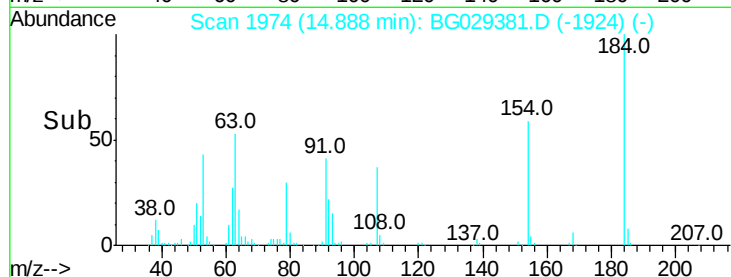
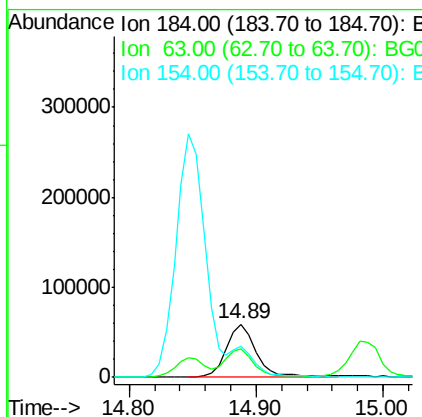
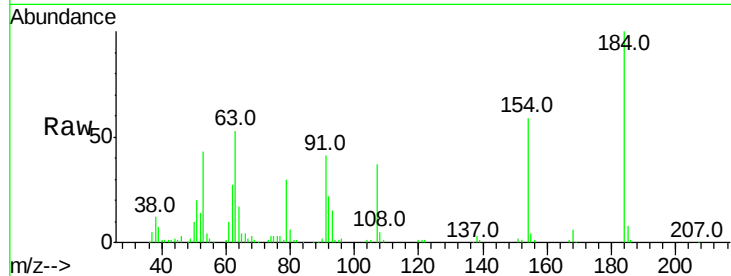
#53
 2,4-Dinitrophenol
 Concen: 62.762 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.2	59.8	89.8#
154	59.0	101.8	152.8#

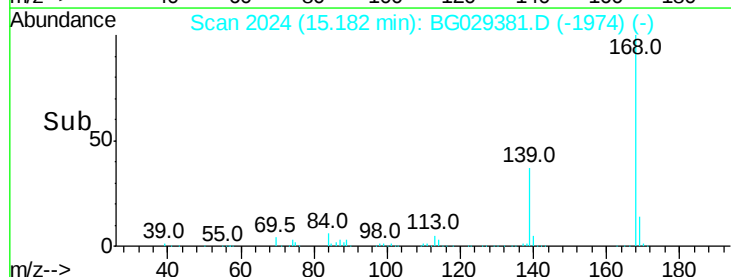
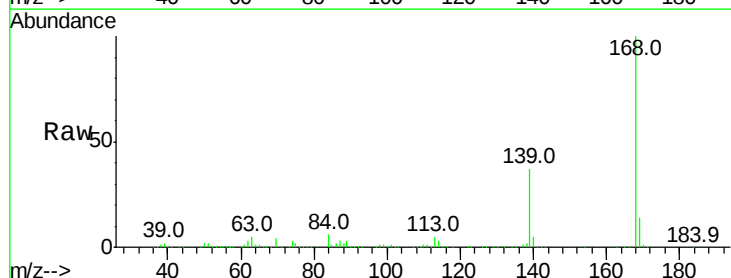
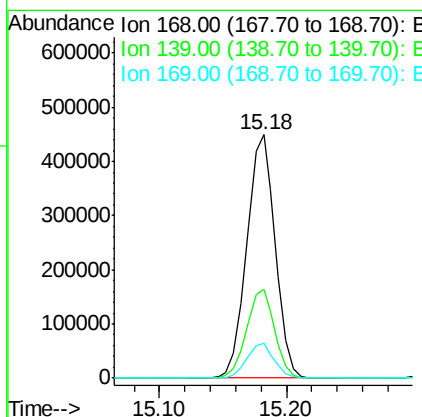
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#54
 Dibenzofuran
 Concen: 43.361 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.6	43.0
169	14.2	11.2	16.8





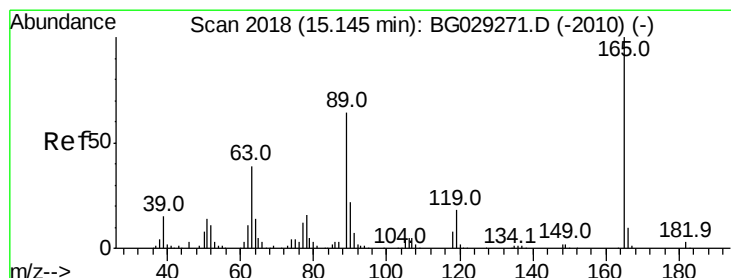
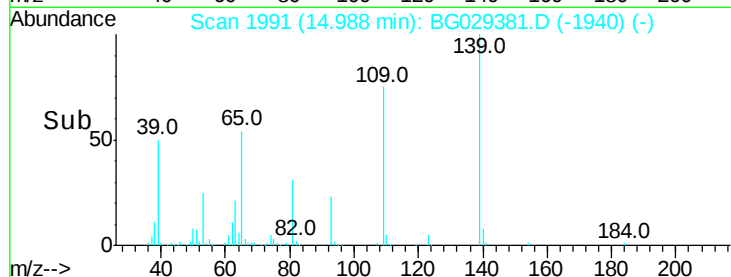
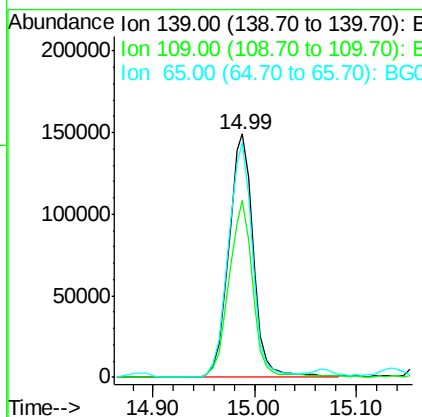
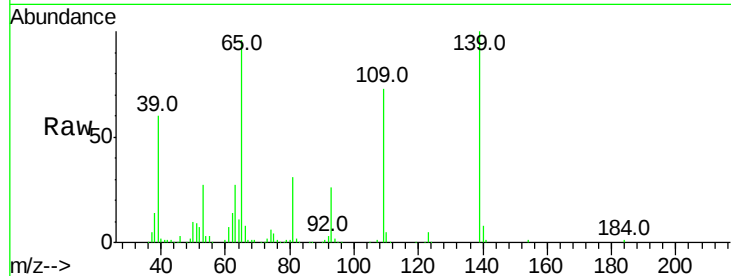
#55
4-Nitrophenol
Concen: 97.385 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	249585		
109	72.8	62.2	102.2	
65	96.2	97.2	137.2#	

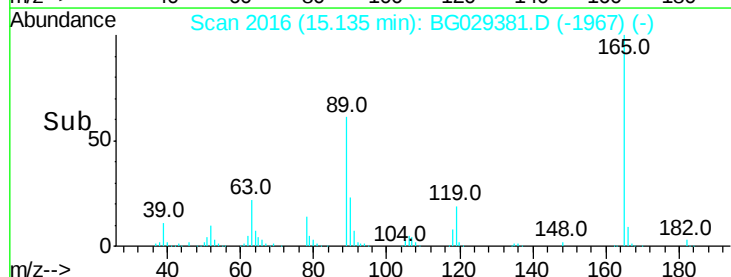
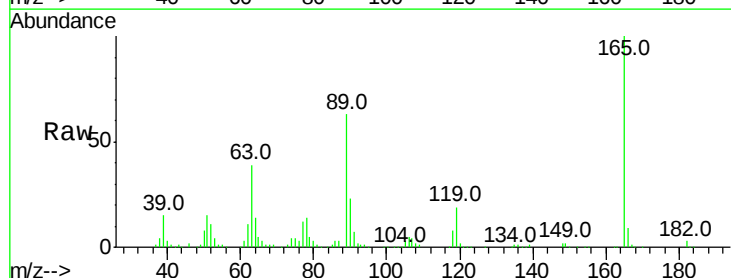
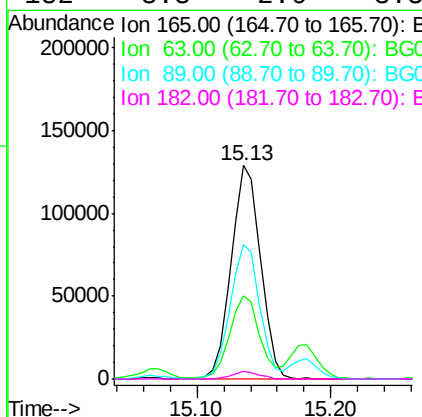
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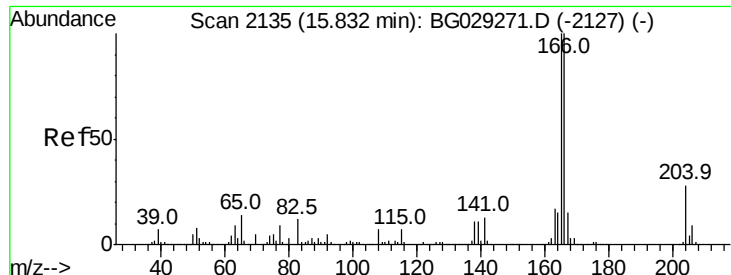
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#56
2,4-Dinitrotoluene
Concen: 50.612 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197380		
63	39.1	42.0	63.0#	
89	62.8	66.9	100.3#	
182	3.3	2.6	3.8	





#57

Fluorene

Concen: 42.234 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

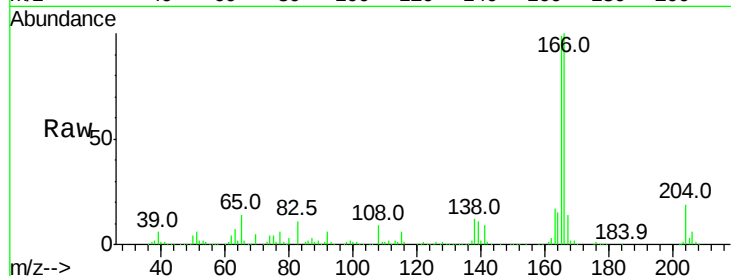
ClientSampleId :

PB103492BS

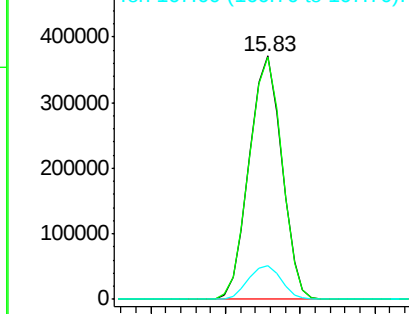
Tot Ion:	166	Resp:	560065
Ion Ratio	Lower	Upper	
166	100		
165	99.3	80.6	121.0
167	14.0	10.4	15.6

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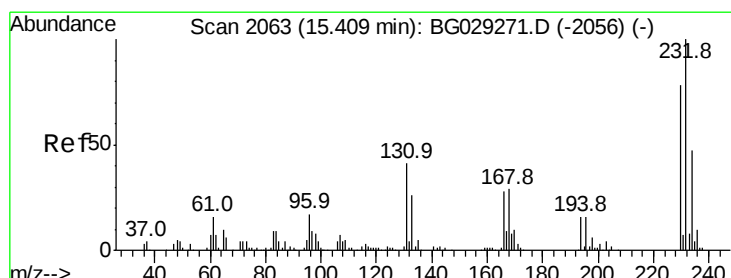
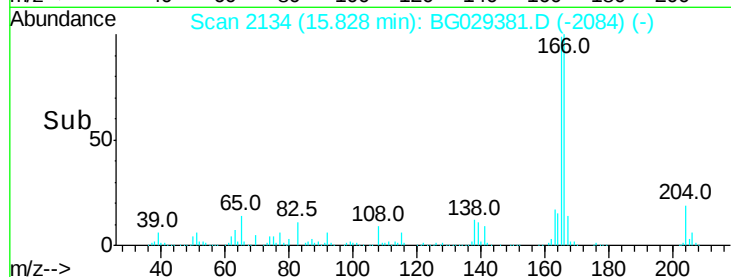
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.080 ng

RT: 15.41 min Scan# 2062

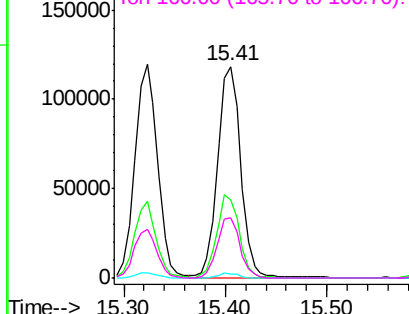
Delta R.T. -0.00 min

Lab File: BG029381.D

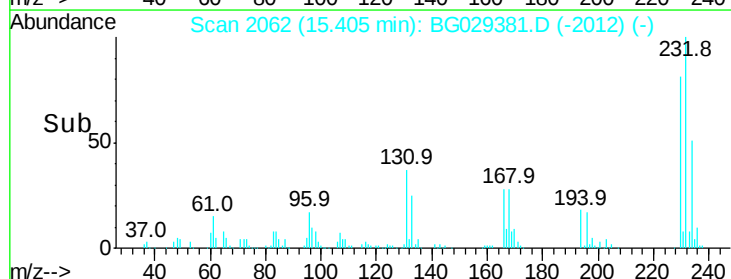
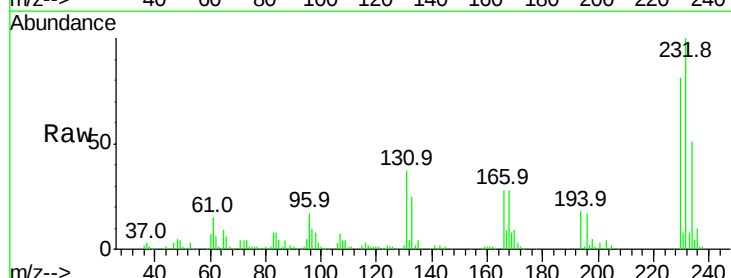
Acq: 20 Oct 2017 20:46

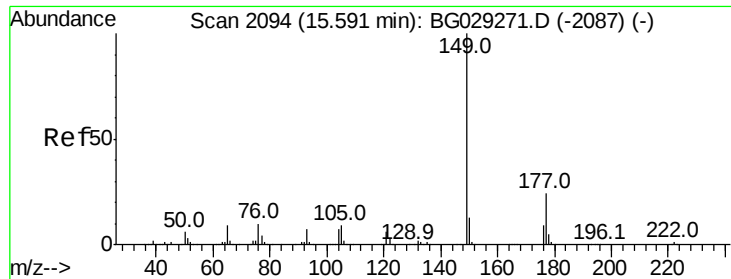
Tgt Ion:	232	Resp:	187056
Ion Ratio	Lower	Upper	
232	100		
131	38.3	33.5	50.3
130	2.2	2.2	3.2
166	28.2	24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



Time-->





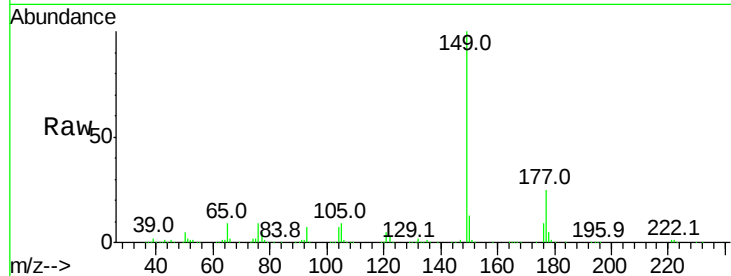
#59
Diethylphthalate
Concen: 45.397 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

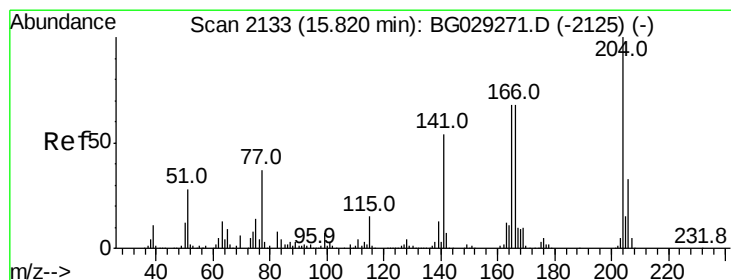
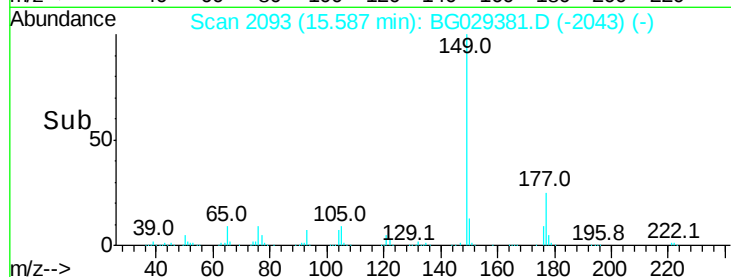
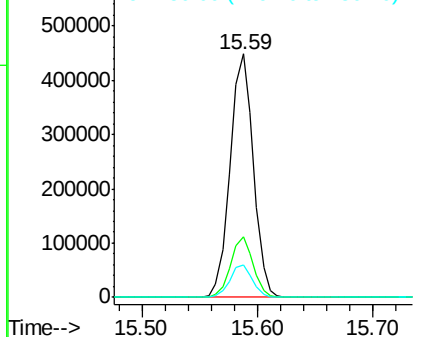
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	13.1	10.2	15.2

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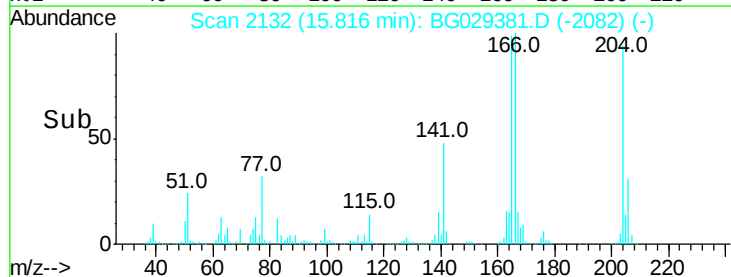
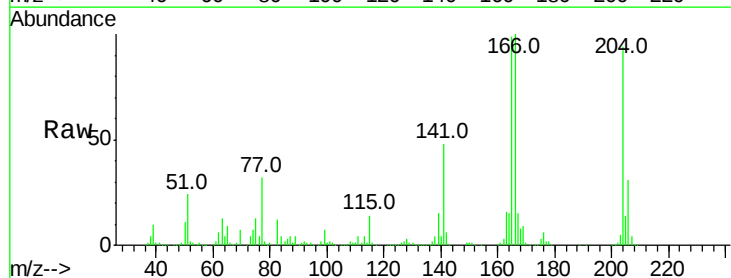
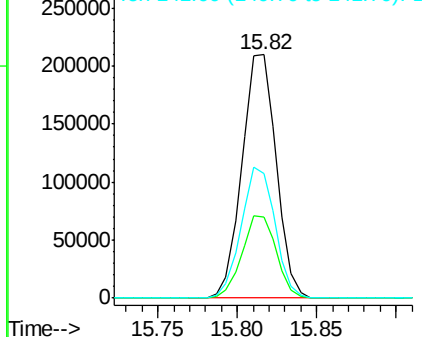
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

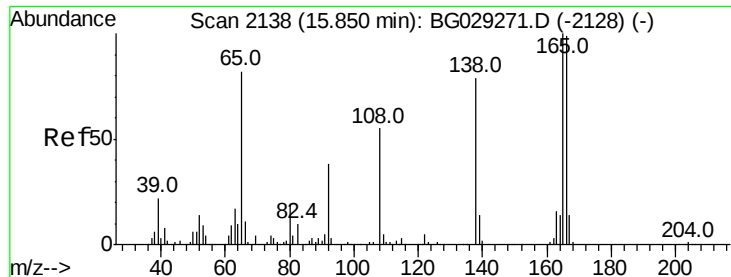


#60
4-Chlorophenyl-phenylether
Concen: 44.459 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	51.1	45.8	68.6

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





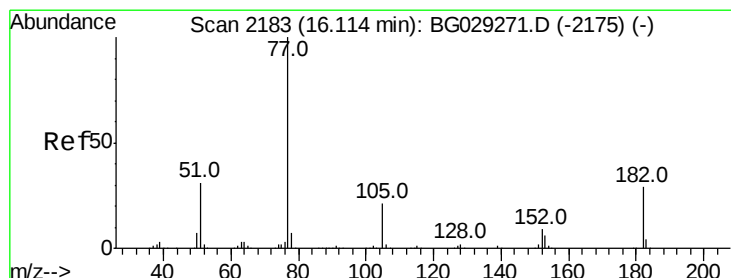
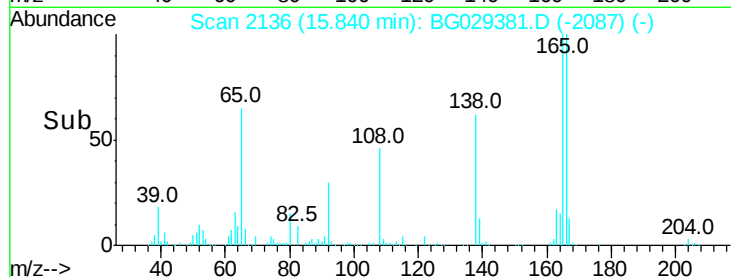
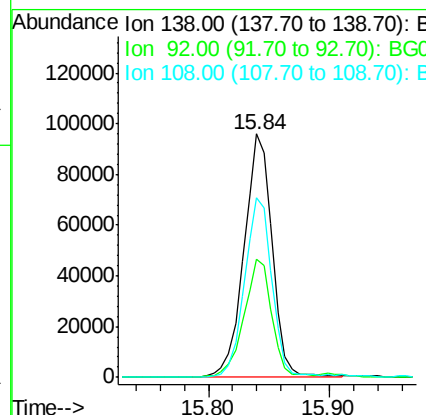
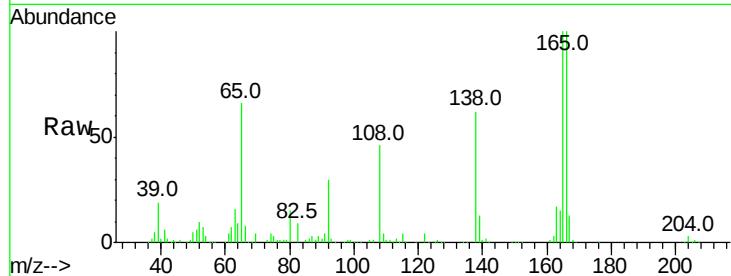
#61
4-Nitroaniline
Concen: 48.872 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	40.1	80.1
108	73.8	65.4	105.4

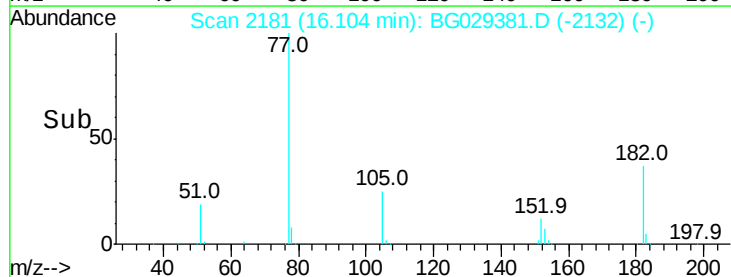
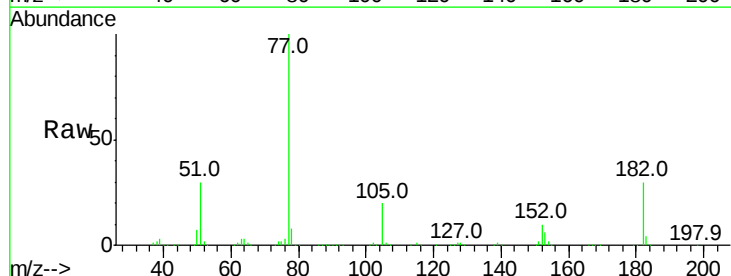
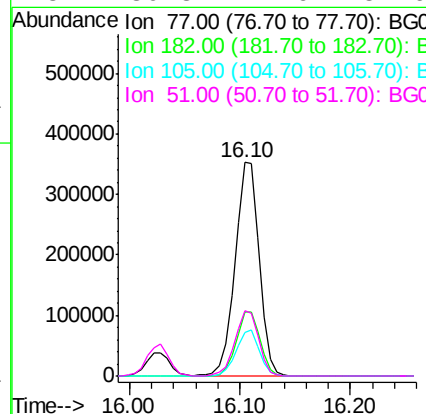
Manual Integrations
APPROVED

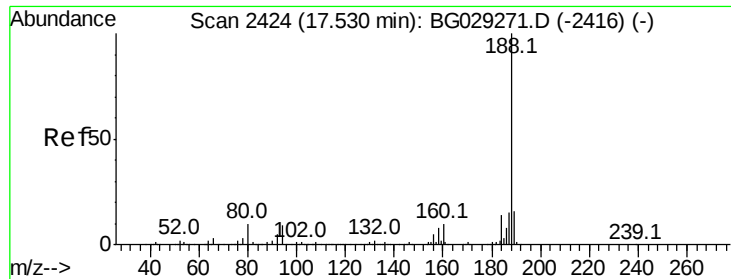
Sohil
10/23/2017 3:41:11 PM



#62
Azobenzene
Concen: 46.605 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.4	47.4
105	20.4	0.3	40.3
51	30.3	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

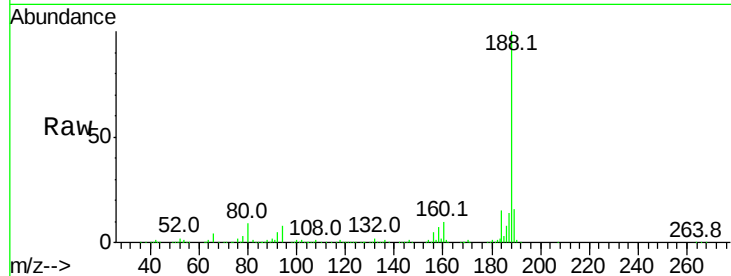
ClientSampleId :

PB103492BS

Tot Ion:	188	Resp:	457569
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.9	10.3
80	9.2	7.7	11.5

Manual Integrations
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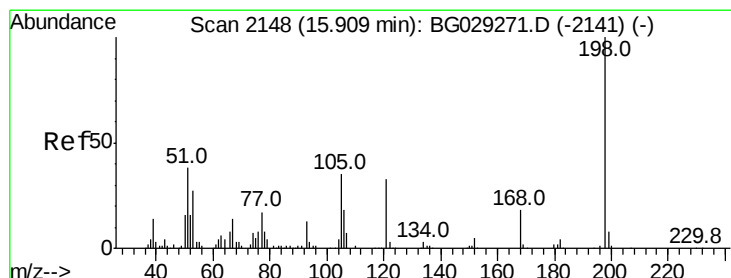
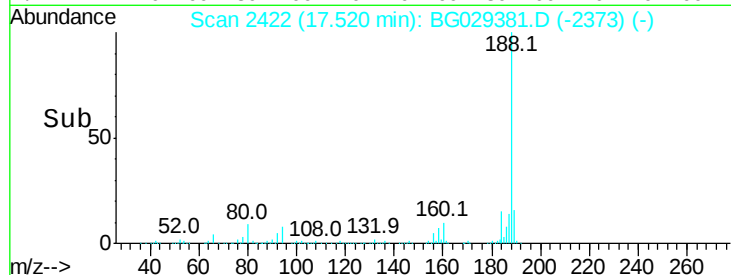
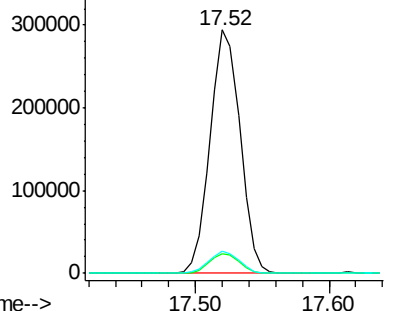
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.534 ng

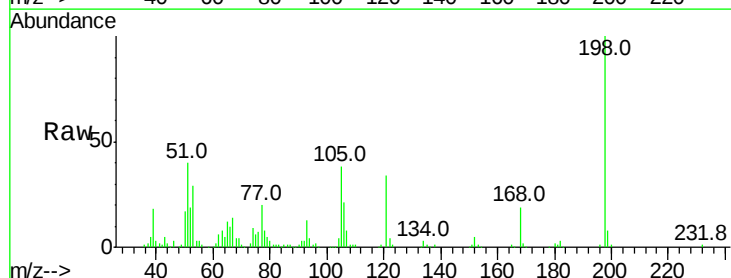
RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

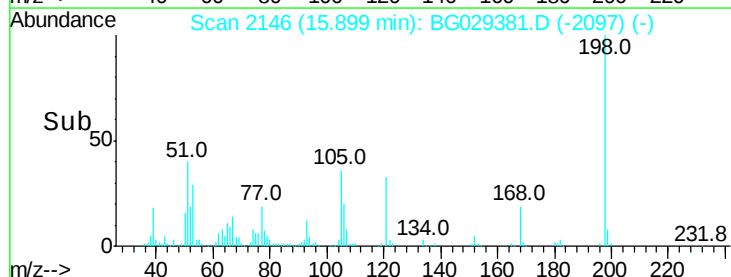
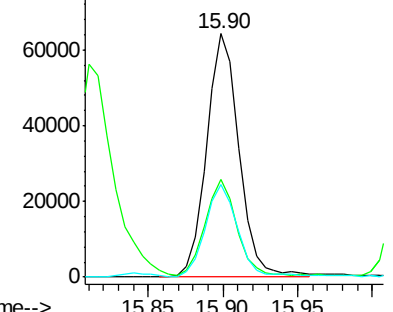
Tgt Ion:	198	Resp:	97403
Ion Ratio	Lower	Upper	
198	100		
51	40.0	30.6	70.6
105	38.0	23.8	63.8

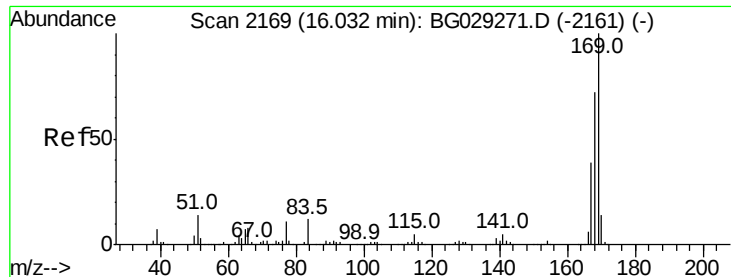


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.942 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

PB103492BS

Tot Ion:169 Resp: 533780

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

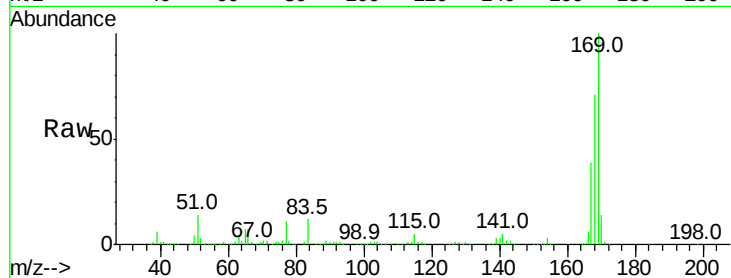
167 38.7 30.1 45.1

Manual Integrations

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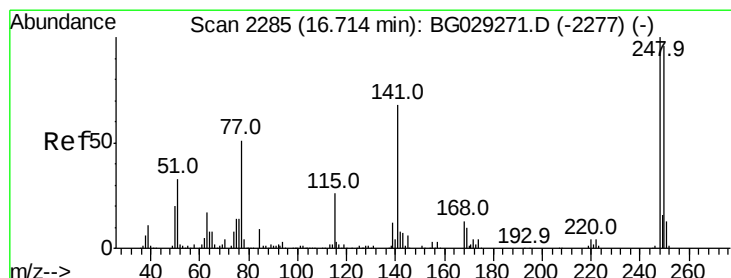
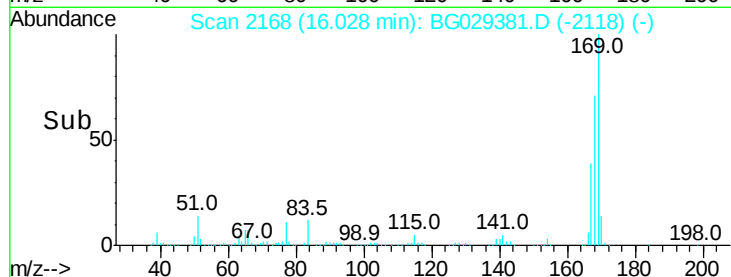
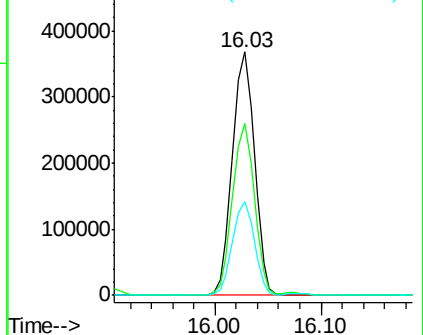
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.177 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

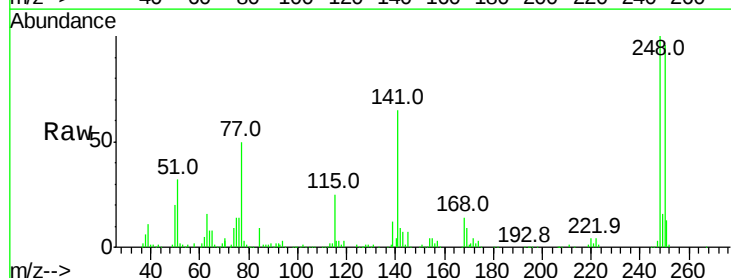
Tgt Ion:248 Resp: 216202

Ion Ratio Lower Upper

248 100

250 96.5 77.1 115.7

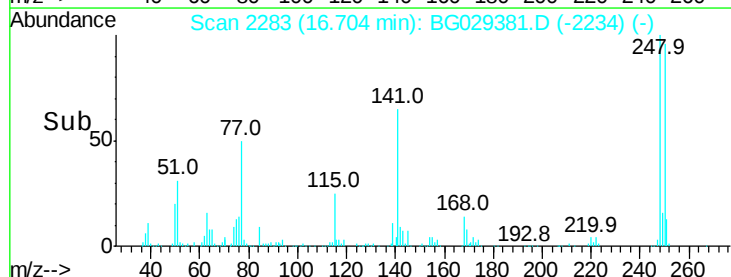
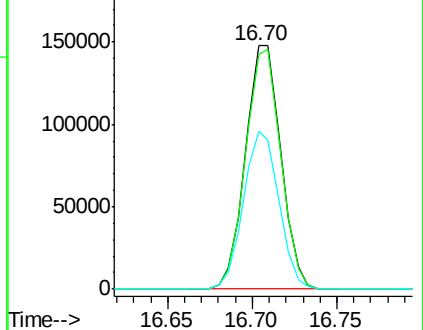
141 64.7 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





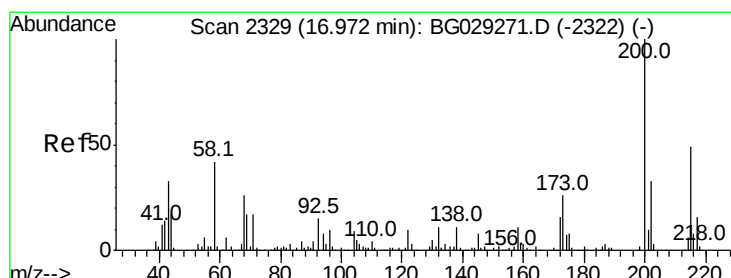
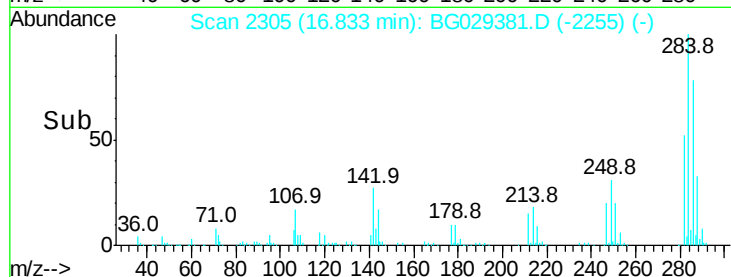
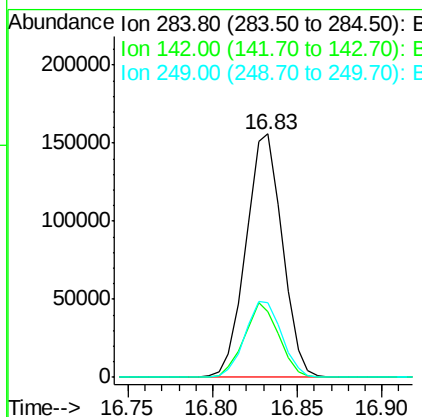
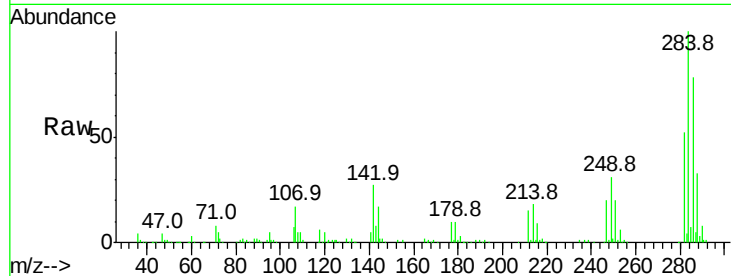
#67
Hexachlorobenzene
Concen: 39.308 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	27.1	26.8	40.2
249	30.8	26.3	39.5

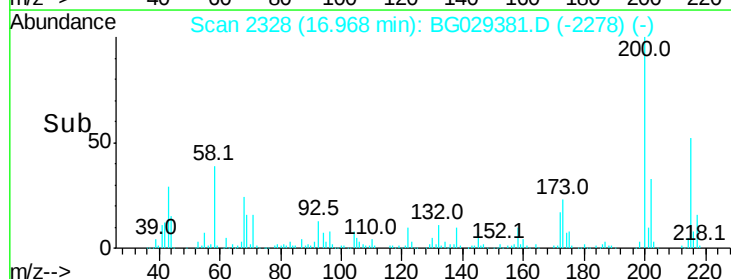
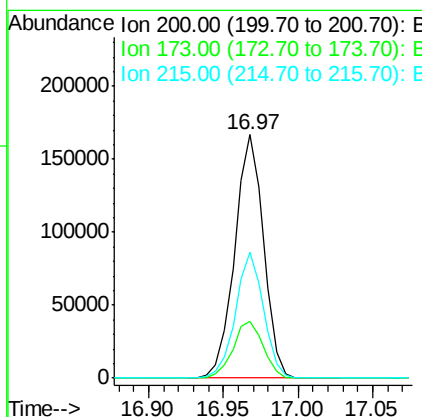
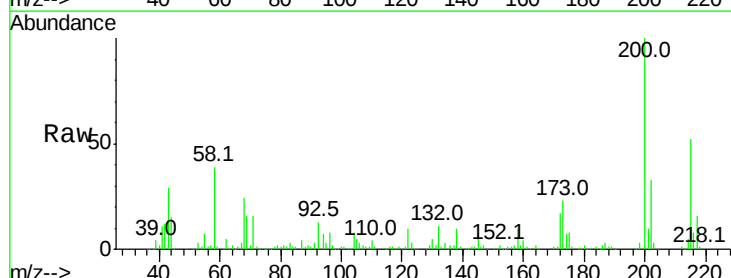
Manual Integrations
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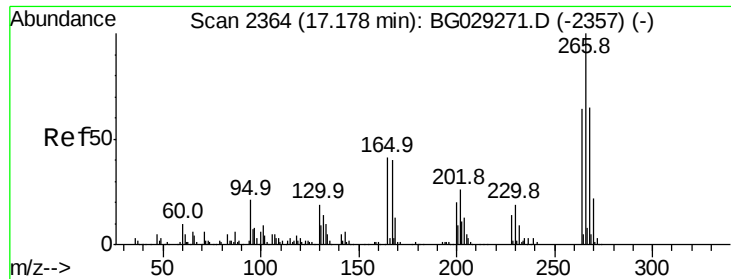
Sohil
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#68
Atrazine
Concen: 45.793 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.4	5.2	45.2
215	51.5	30.4	70.4





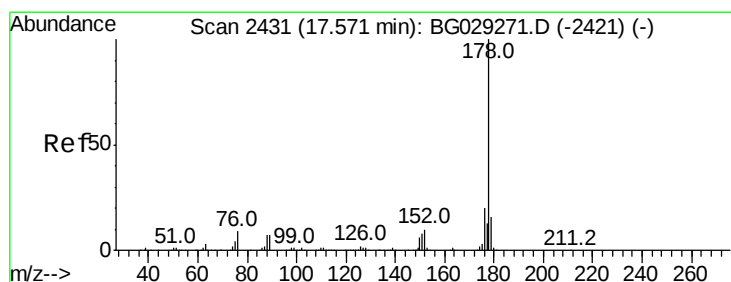
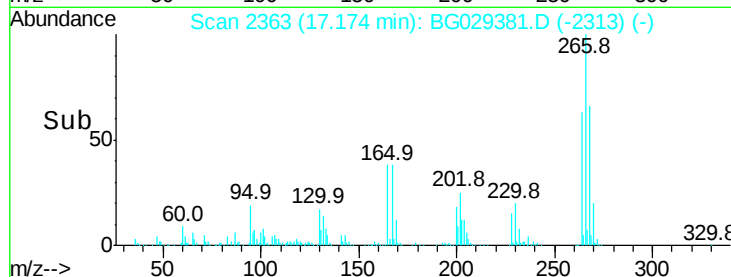
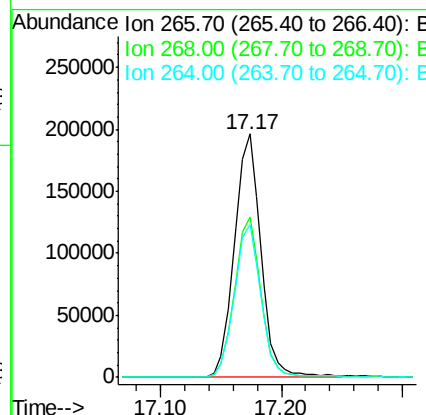
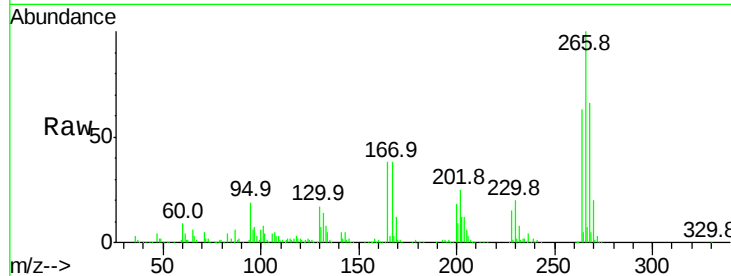
#69
 Pentachlorophenol
 Concen: 87.903 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	300321		
268	65.7		51.1	76.7
264	63.0		49.6	74.4

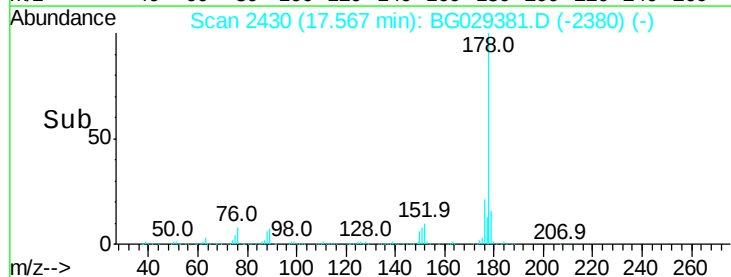
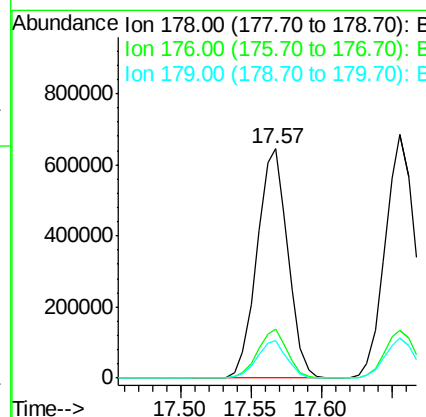
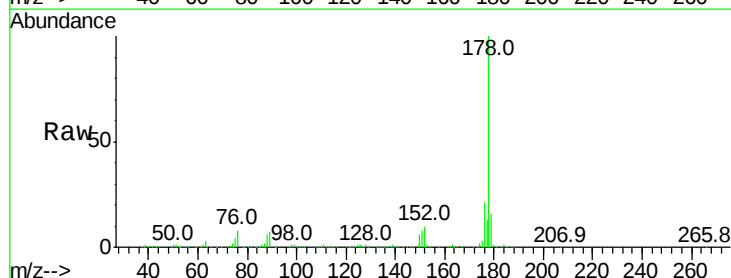
Manual Integrations
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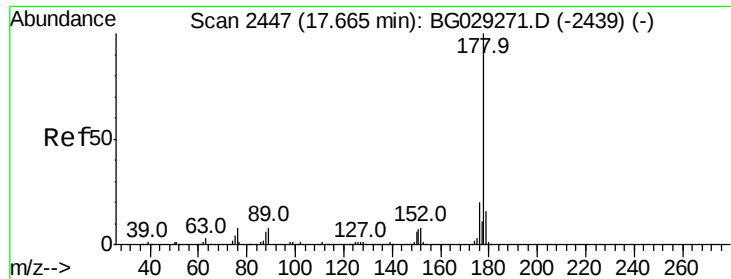
Sohil
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#70
 Phenanthrene
 Concen: 41.691 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	985499		
176	21.2		15.7	23.5
179	16.3		12.5	18.7





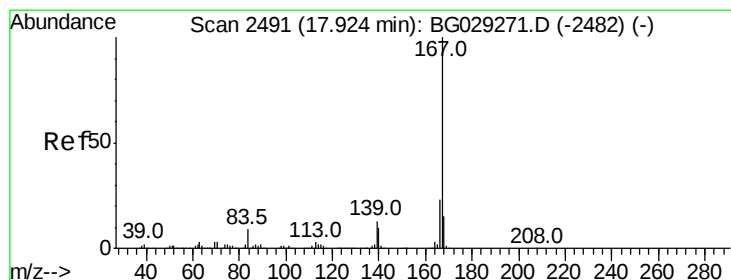
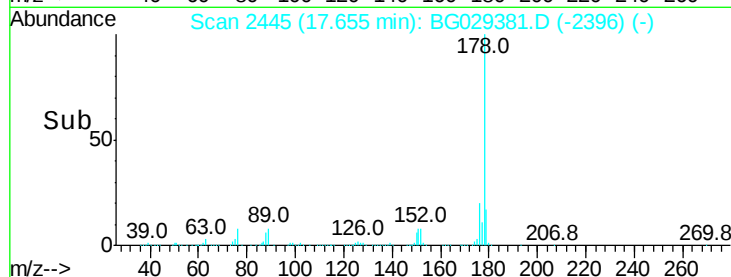
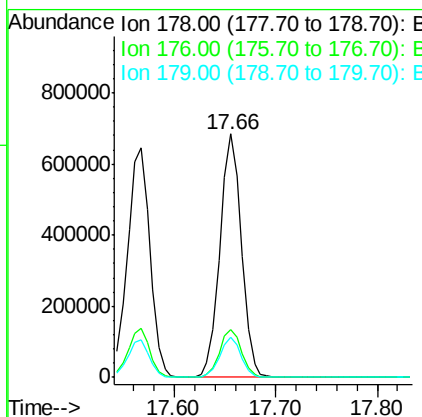
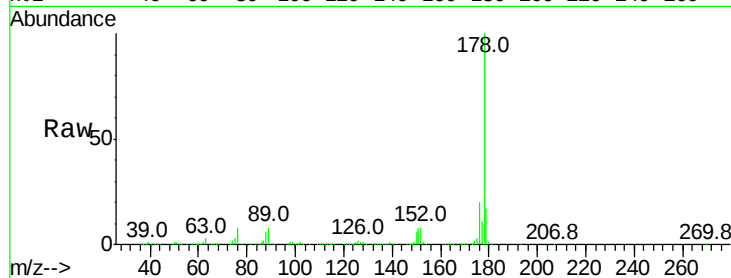
#71
 Anthracene
 Concen: 42.373 ng
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.5	12.5	18.7

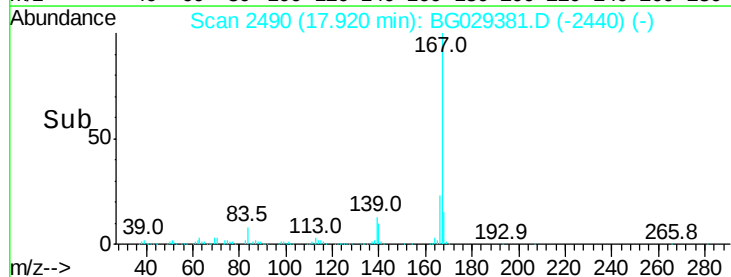
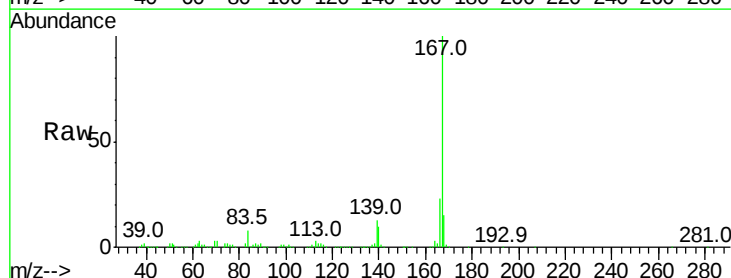
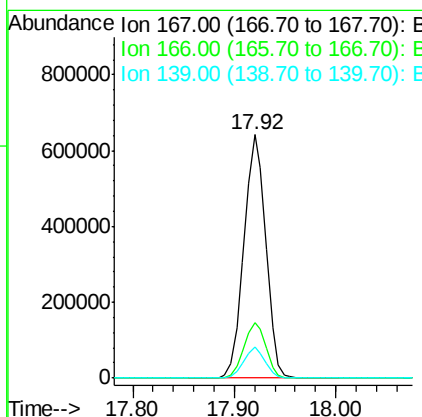
Manual Integrations
 APPROVED

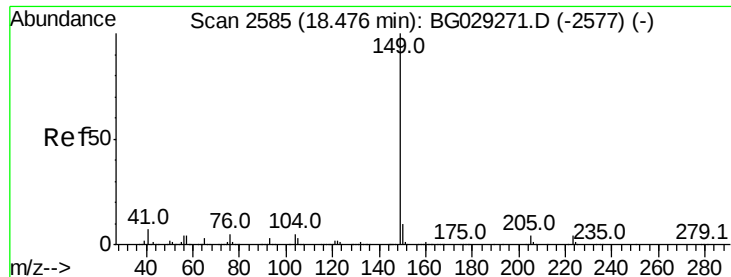
Sohil
 10/23/2017 3:41:11 PM



#72
 Carbazole
 Concen: 42.052 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	12.6	9.4	14.2





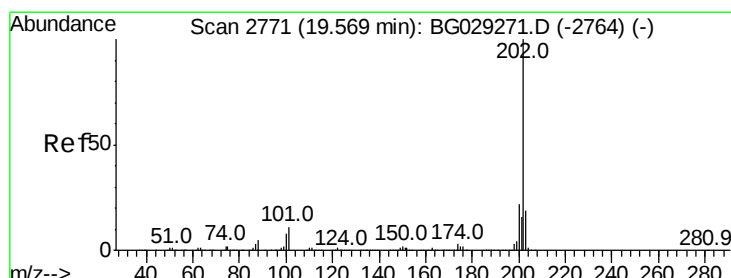
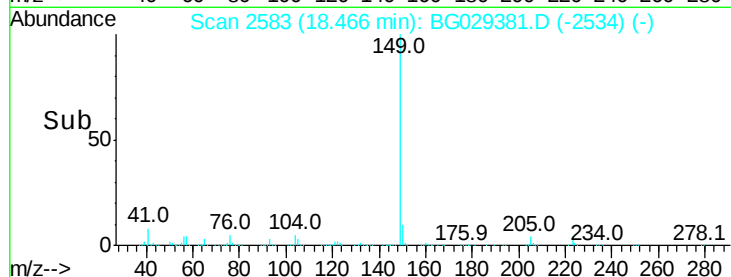
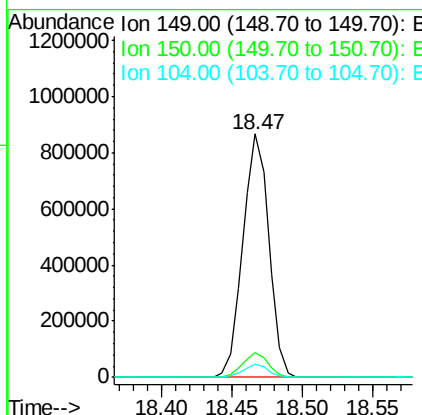
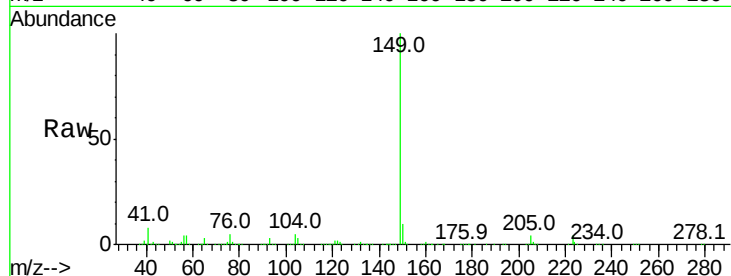
#73
Di-n-butylphthalate
Concen: 42.608 ng
RT: 18.47 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.2	3.9	5.9

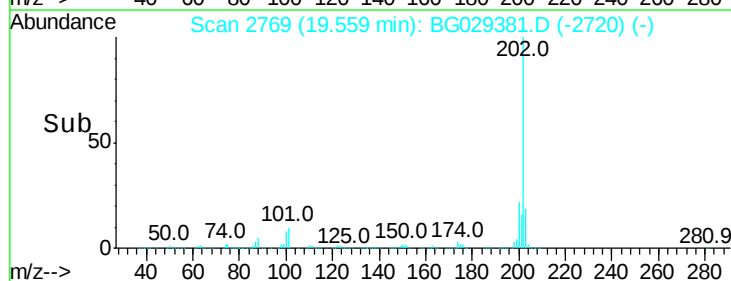
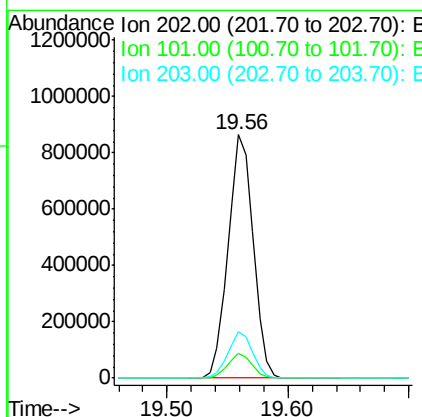
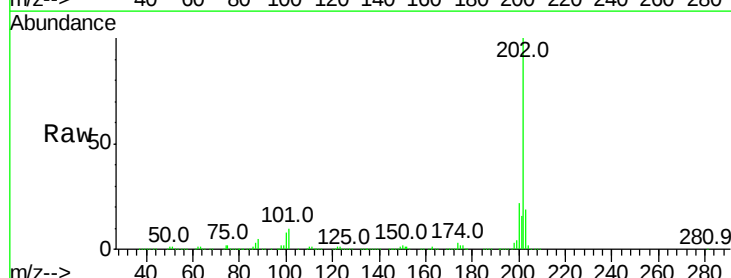
Manual Integrations
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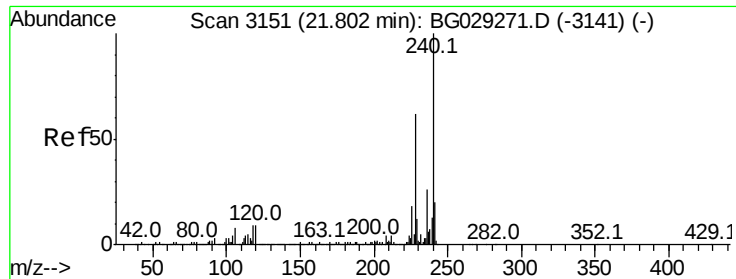
Sohil
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#74
Fluoranthene
Concen: 45.000 ng
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.9
203	19.3	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

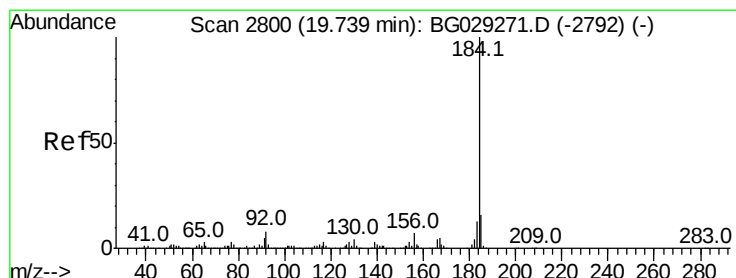
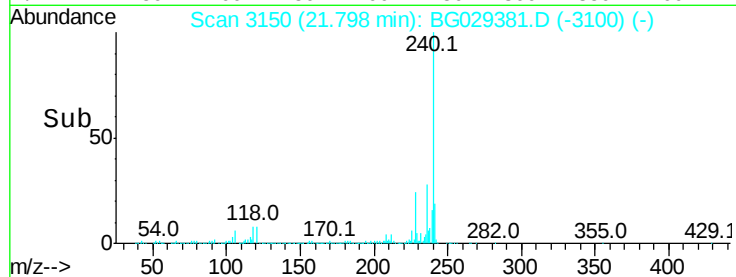
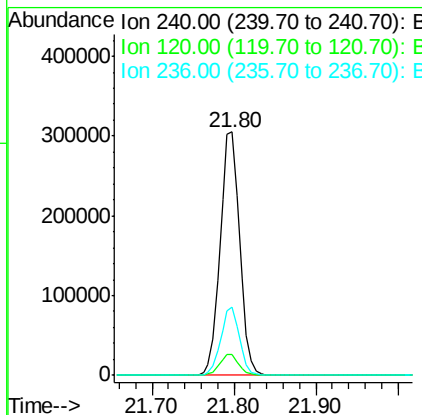
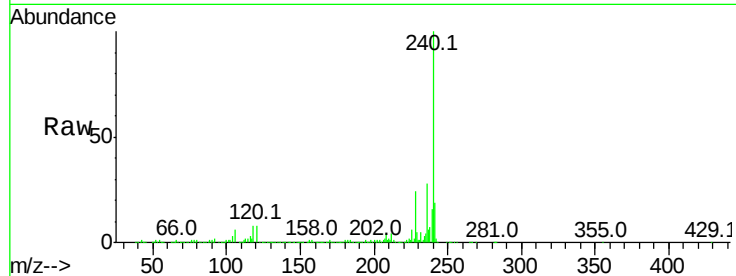
ClientSampleId :

PB103492BS

Tot Ion:	240	Resp:	506618
Ion Ratio	Lower	Upper	
240	100		
120	8.5	6.8	10.2
236	28.0	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 26.800 ng

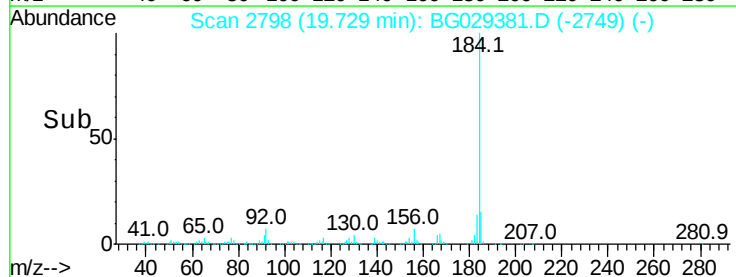
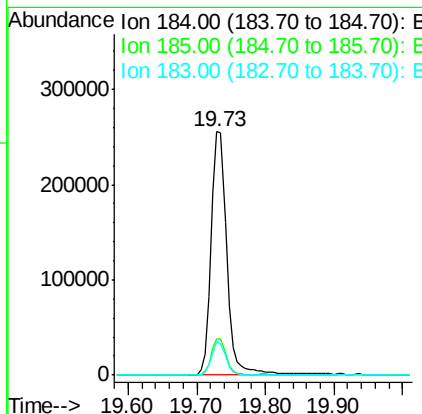
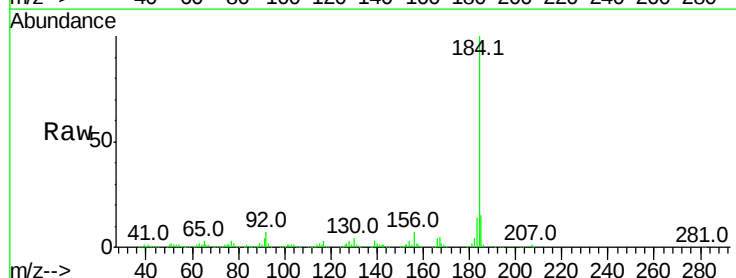
RT: 19.73 min Scan# 2798

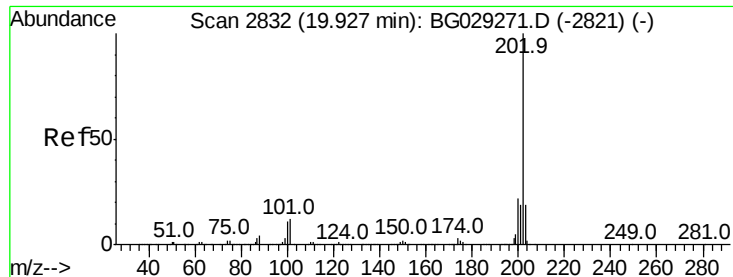
Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:	184	Resp:	409956
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.1	16.7
183	13.9	10.6	16.0





#77

Pvrene

Concen: 40.918 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

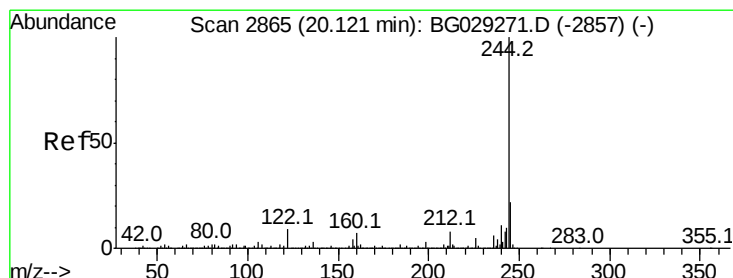
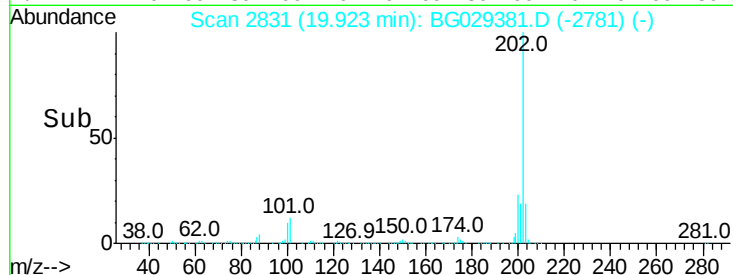
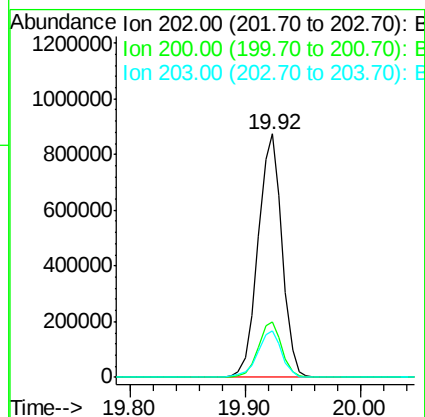
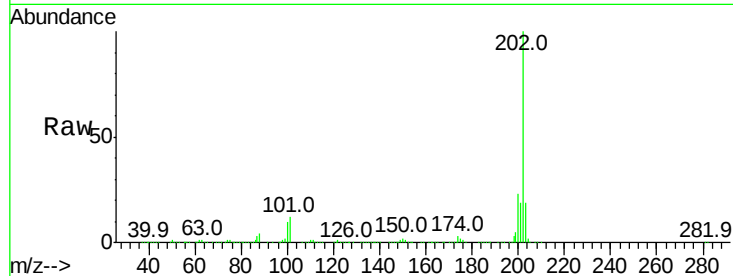
ClientSampleId :

PB103492BS

Tot Ion:	202	Resp:	1257504
Ion Ratio	Lower	Upper	
202	100		
200	22.9	16.9	25.3
203	19.0	13.9	20.9

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#78

Terphenyl-d14

Concen: 84.105 ng

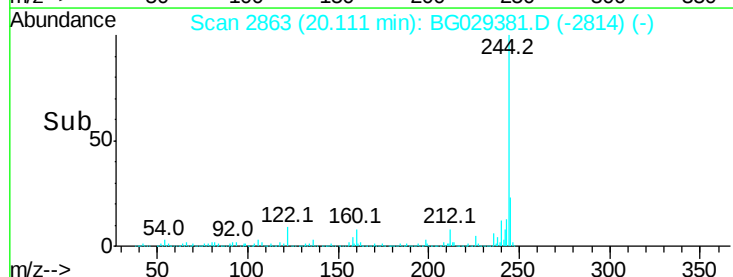
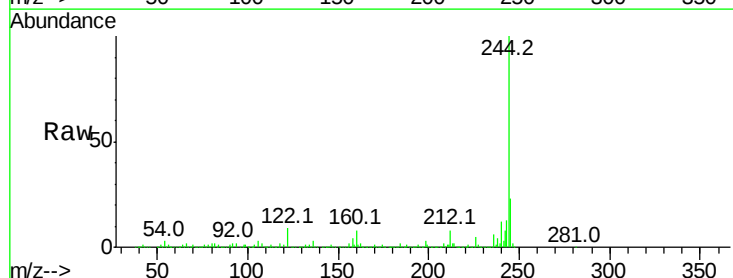
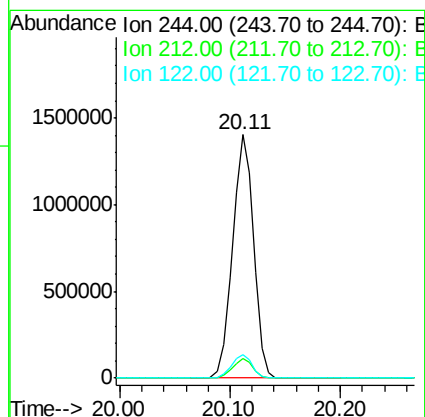
RT: 20.11 min Scan# 2863

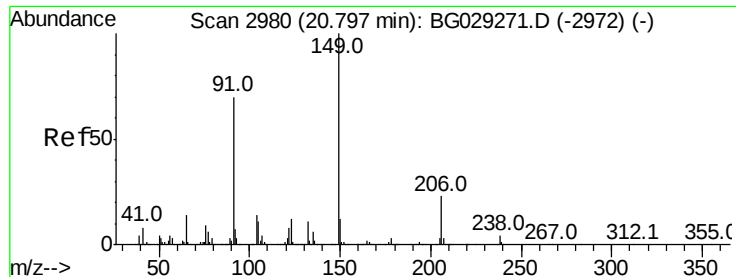
Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:	244	Resp:	1872975
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.8	8.8
122	9.5	7.0	10.4





#79

Butylbenzylphthalate

Concen: 40.509 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

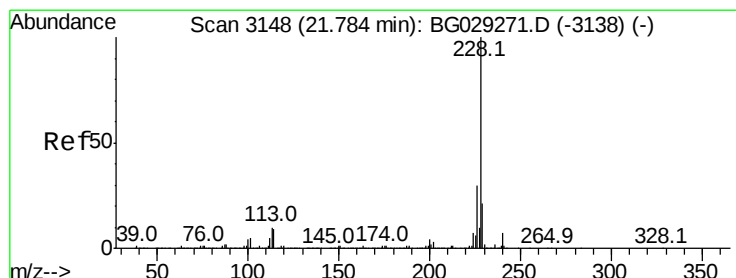
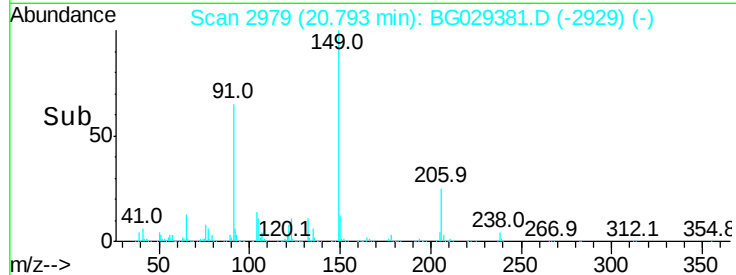
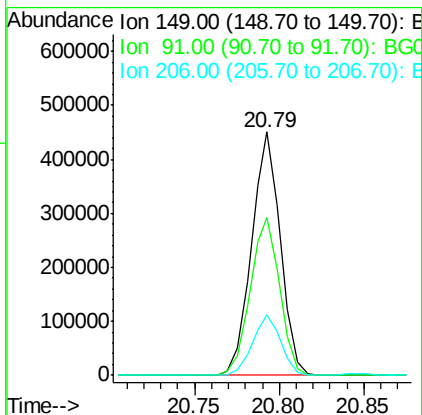
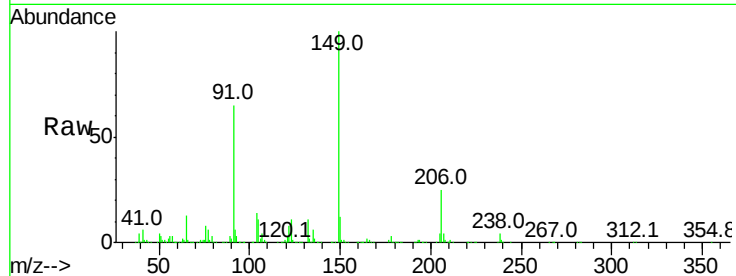
ClientSampleId :

PB103492BS

Tot Ion:	149	Resp:	530400
Ion Ratio	Lower	Upper	
149	100		
91	64.8	62.2	93.2
206	24.8	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 43.049 ng

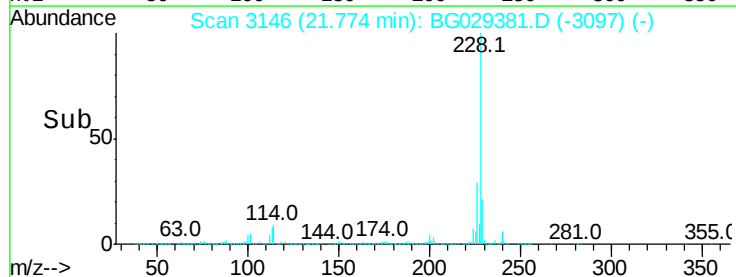
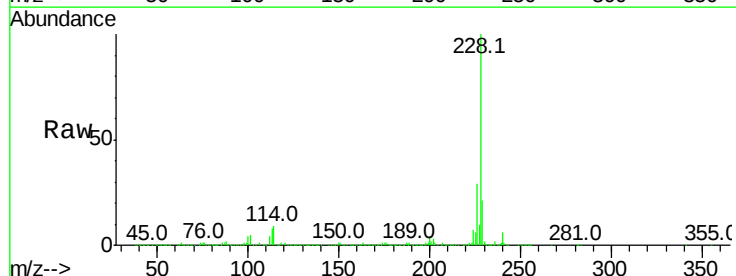
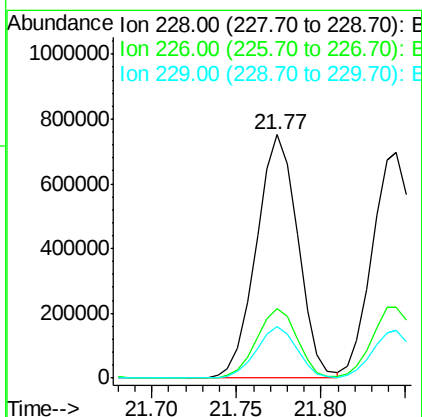
RT: 21.77 min Scan# 3146

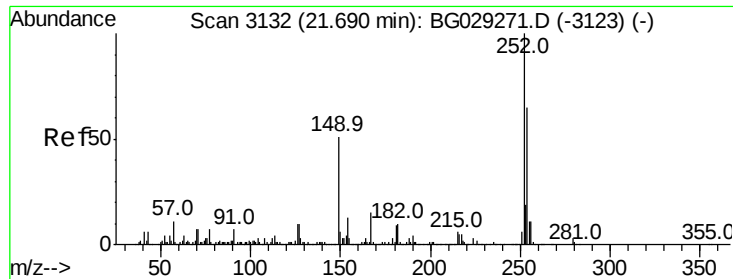
Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:	228	Resp:	1280485
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.7	34.1
229	21.1	16.2	24.2





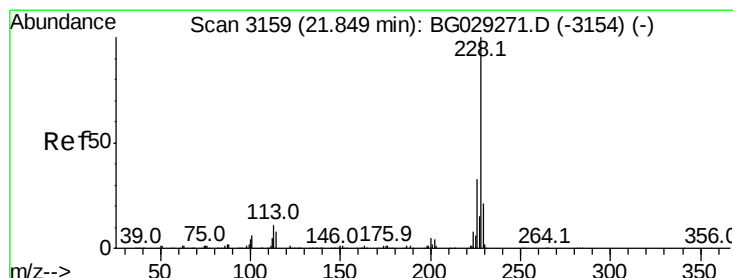
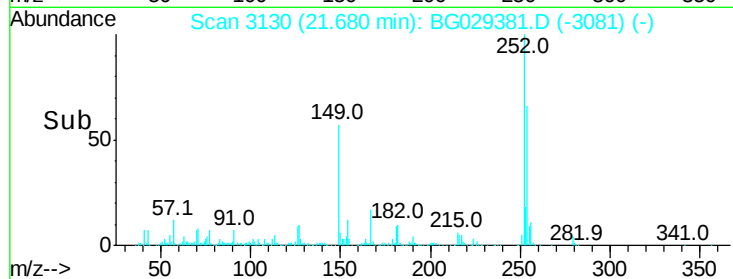
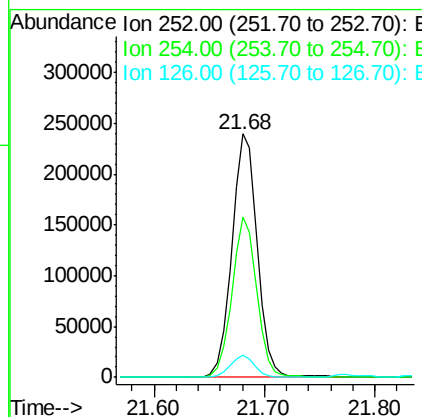
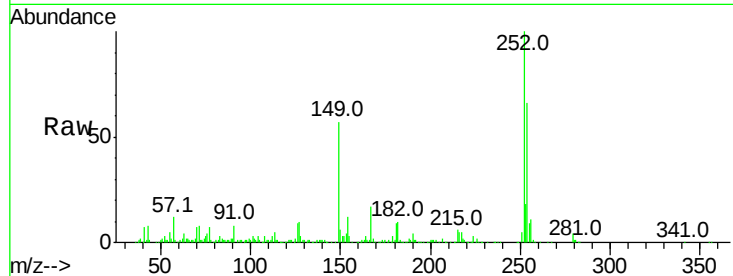
#81
 3,3'-Dichlorobenzidine
 Concen: 31.488 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleID :
 PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	386580		
254	66.1	50.8	76.2	
126	9.0	7.4	11.2	

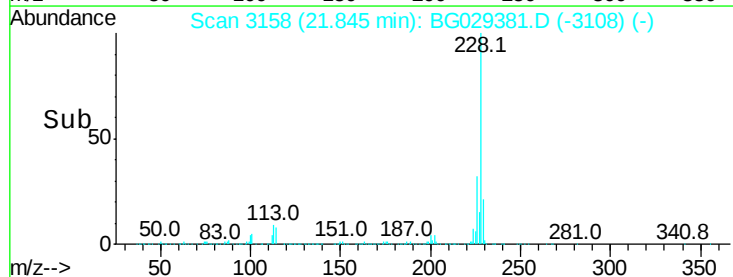
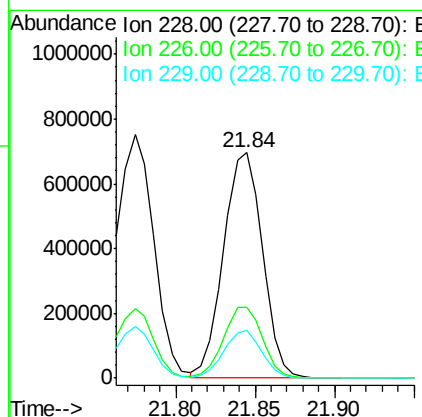
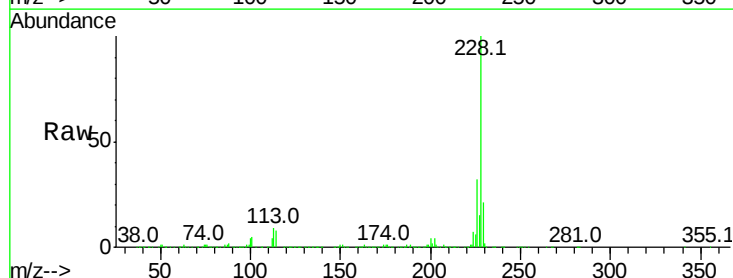
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#82
 Chrysene
 Concen: 41.415 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1179740		
226	31.6	24.9	37.3	
229	21.1	15.0	22.4	





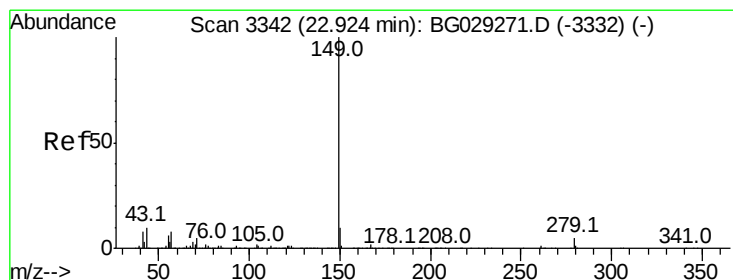
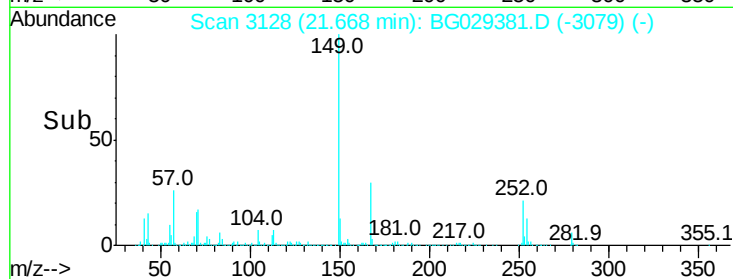
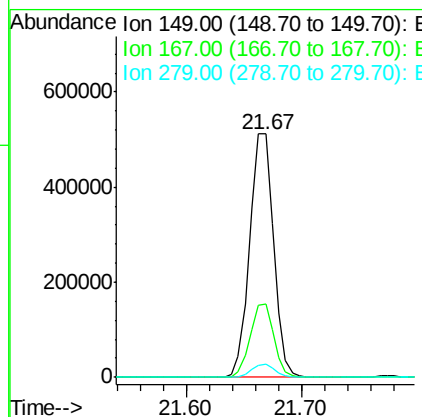
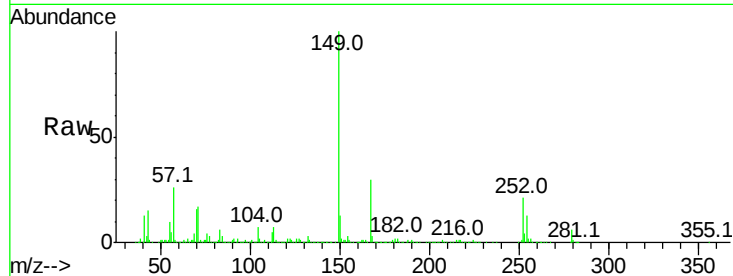
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.390 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.2	24.3	36.5	
279	5.6	4.0	6.0	

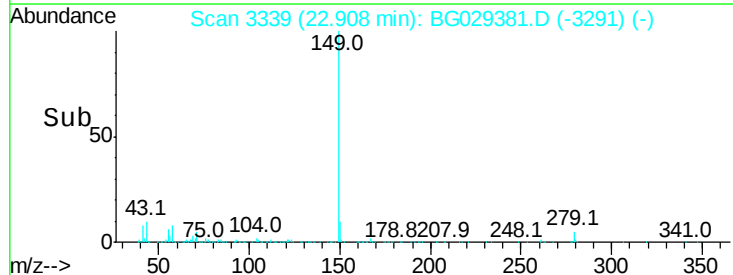
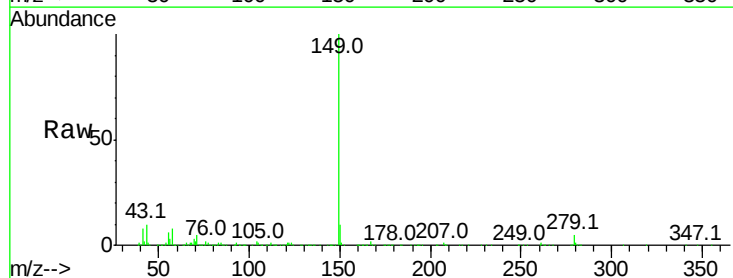
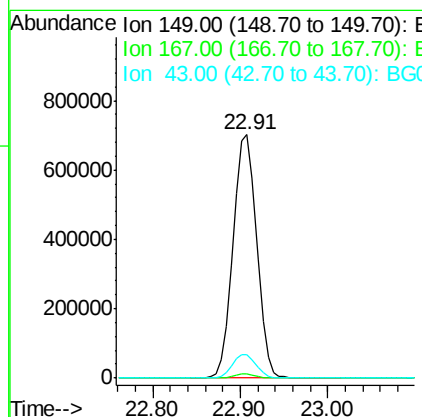
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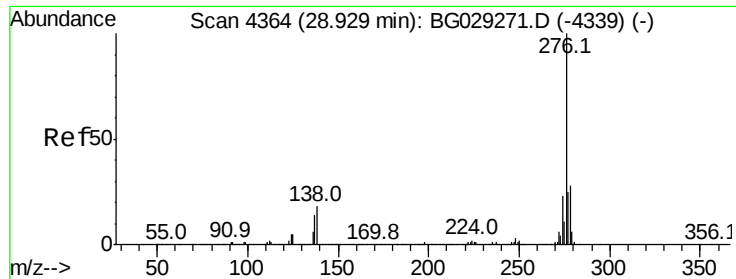
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#84
 Di-n-octyl phthalate
 Concen: 39.113 ng
 RT: 22.91 min Scan# 3339
 Delta R.T. -0.02 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.4	2.0	
43	9.8	8.9	13.3	





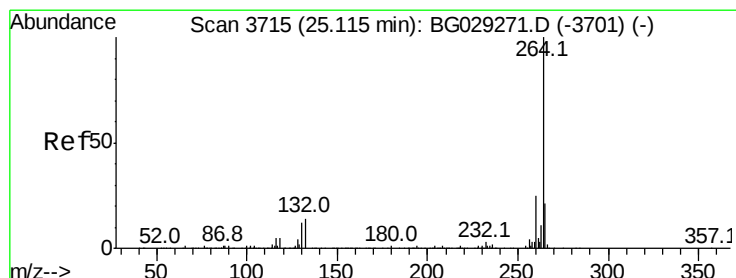
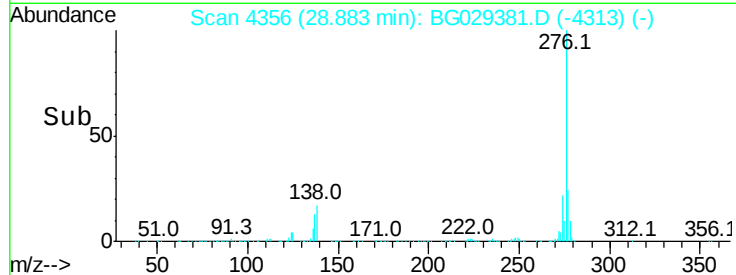
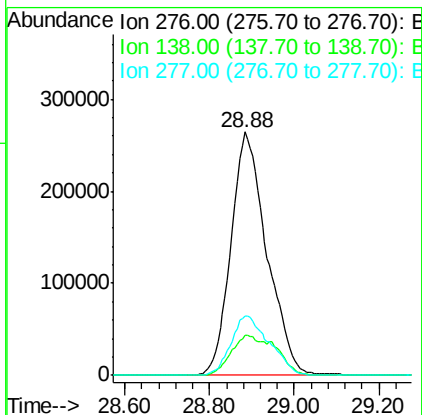
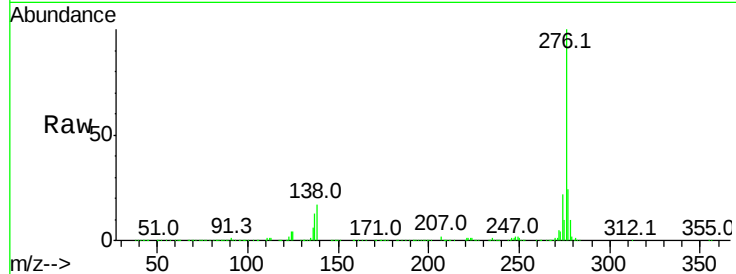
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.183 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.04 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	16.0	24.0#
277	26.3	20.0	30.0

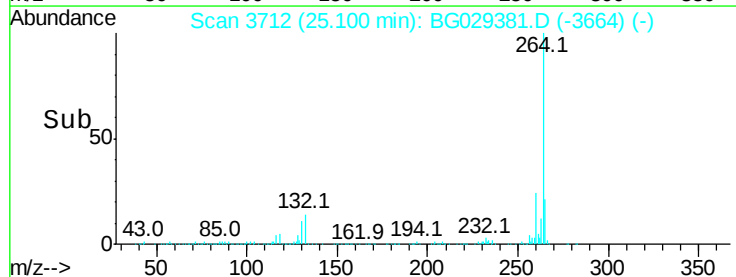
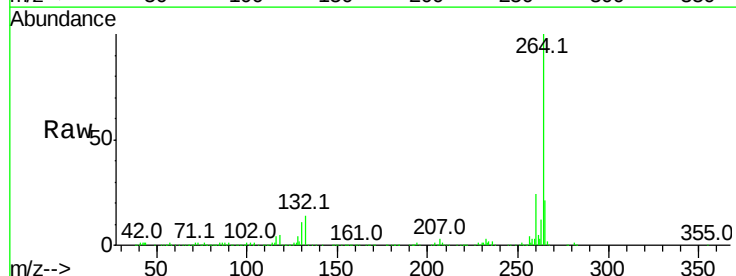
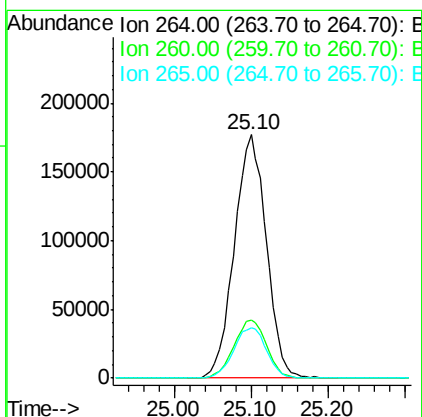
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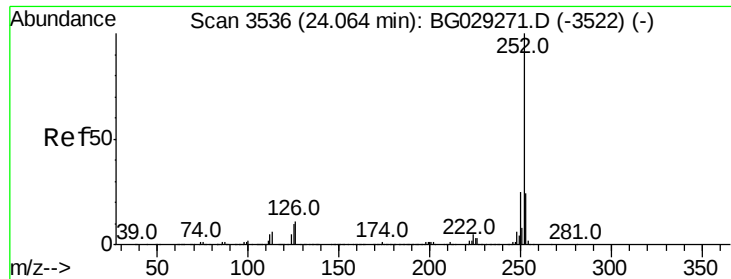
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.7	17.7	26.5





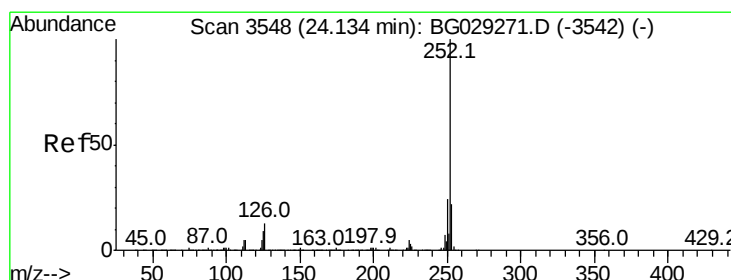
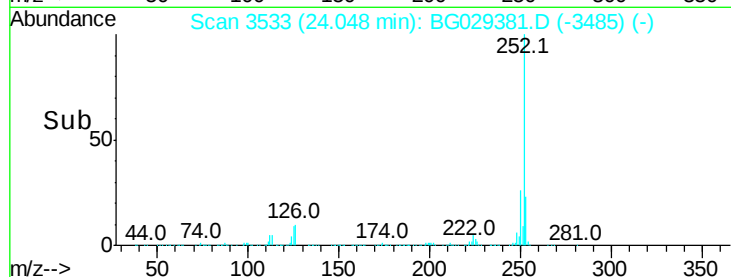
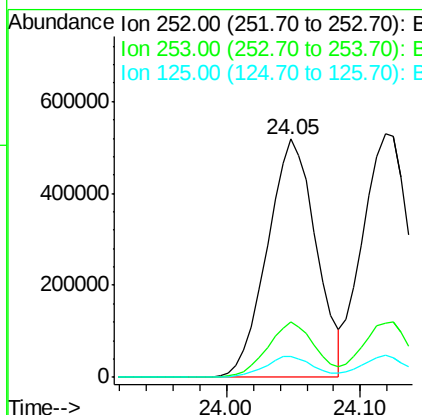
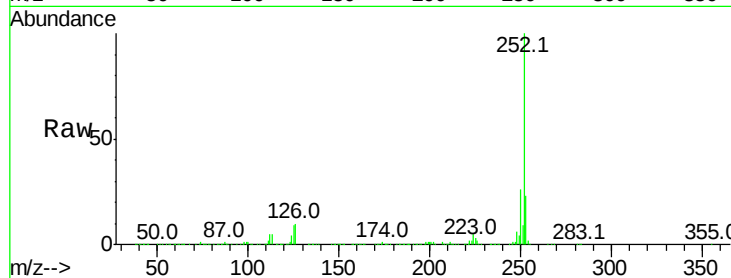
#87
Benzo(b)fluoranthene
Concen: 44.692 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion:252 Resp: 1314298
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 8.7 7.2 10.8

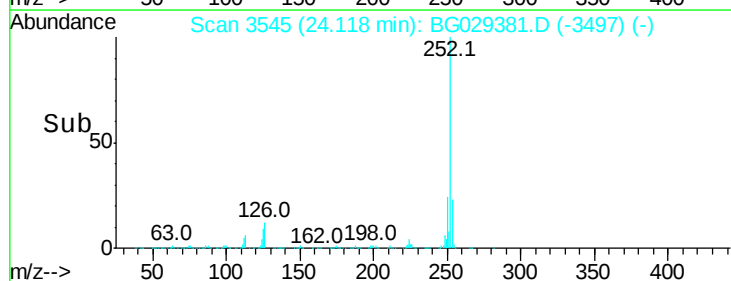
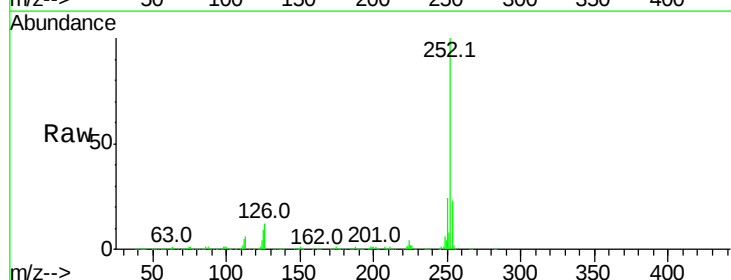
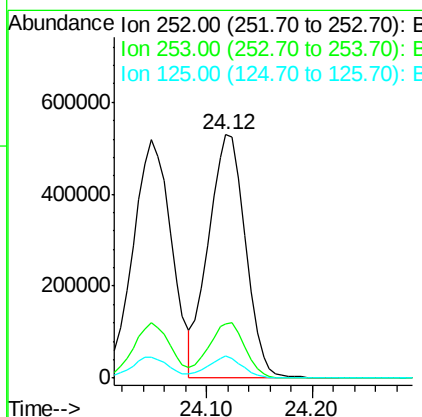
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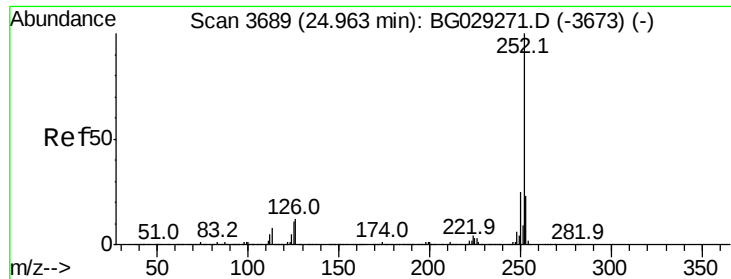
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#88
Benzo(k)fluoranthene
Concen: 43.925 ng
RT: 24.12 min Scan# 3545
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:252 Resp: 1286921
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 8.9 6.6 9.8





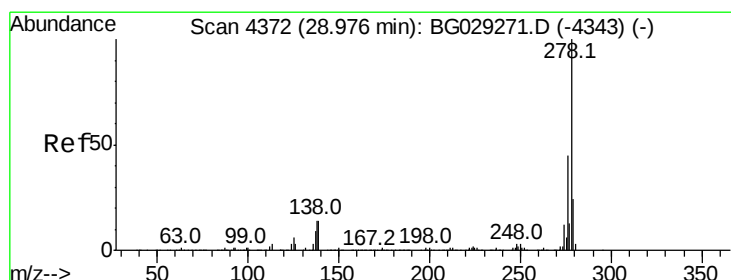
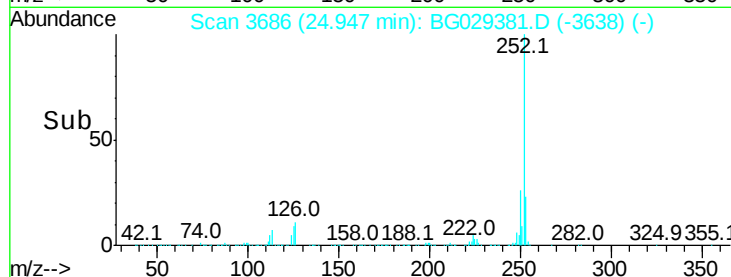
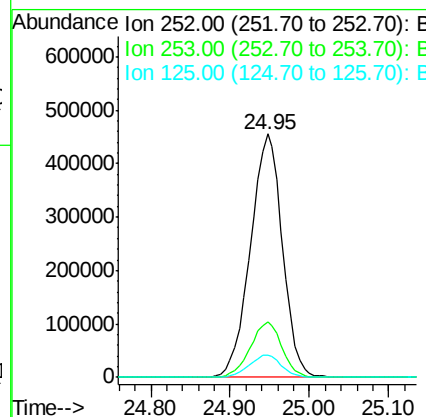
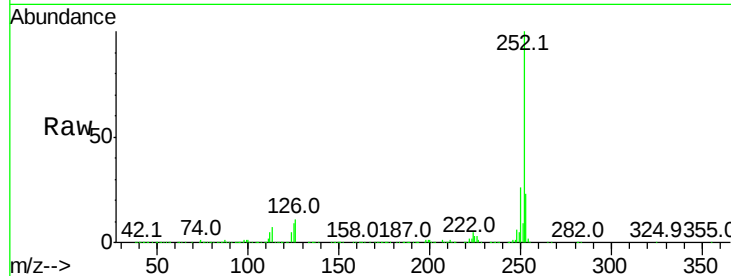
#89
Benzo(a)pyrene
Concen: 45.101 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :
PB103492BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	9.2	7.3	10.9

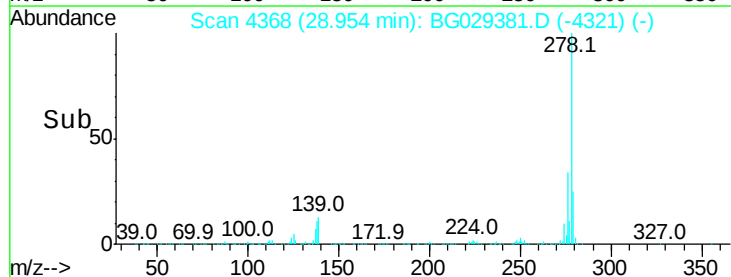
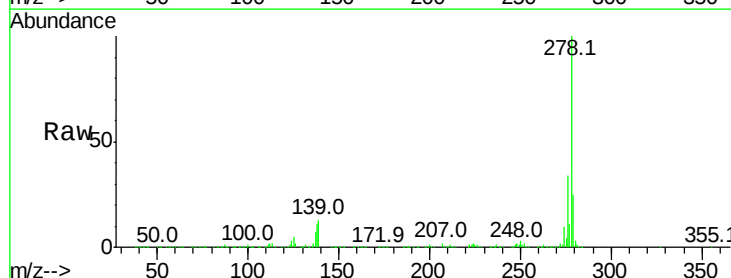
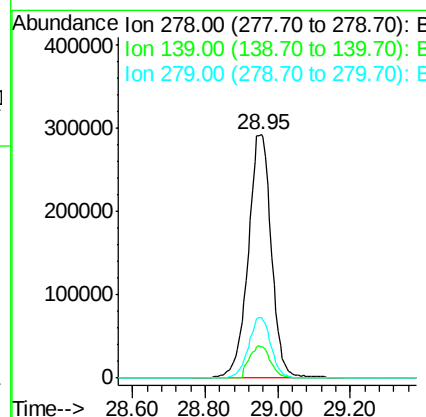
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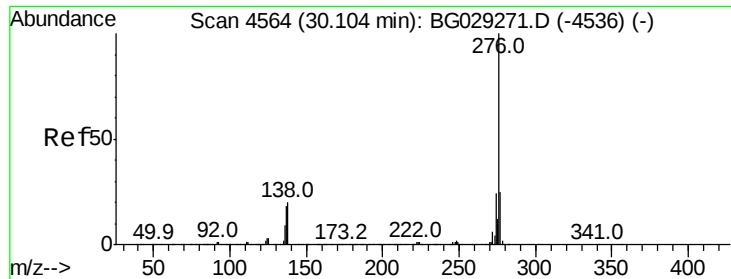
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#90
Dibenzo(a,h)anthracene
Concen: 45.375 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.8	14.6
279	24.8	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.766 ng
 RT: 30.08 min Scan# 4559
 Delta R.T. -0.03 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PB103492BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	18.5	13.9	20.9

Manual Integrations
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