

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028868.D
 Acq On : 21 Sep 2017 21:43
 Operator : SJ/JU
 Sample : I5309-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Manual Integrations
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Sohil
 9/22/2017 3:59:01 PM

Quant Time: Sep 22 01:59:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	35986	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	141043	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	99996	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	267386	20.00	ng	-0.04
75) Chrysene-d12	21.99	240	319866	20.00	ng	-0.05
86) Perylene-d12	25.45	264	322759	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	315946	144.87	ng	-0.04
7) Phenol-d6	7.44	99	408767	124.49	ng	-0.04
23) Nitrobenzene-d5	9.46	82	299042	101.43	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	275209	166.40	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	750993	100.14	ng	-0.04
78) Terphenyl-d14	20.25	244	1432747	95.52	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.80	88	28087	31.802	ng	# 94
3) Pyridine	4.20	79	75881	30.120	ng	90
4) n-Nitrosodimethylamine	4.10	42	44961	39.232	ng	# 74
6) Aniline	7.62	93	59558	15.585	ng	98
8) 2-Chlorophenol	7.86	128	97579	40.136	ng	92
9) Benzaldehyde	7.43	77	28931	14.201	ng	93
10) Phenol	7.47	94	123239	35.563	ng	88
11) bis(2-Chloroethyl)ether	7.70	93	91936	36.952	ng	93
12) 1,3-Dichlorobenzene	8.18	146	100338	38.327	ng	92
13) 1,4-Dichlorobenzene	8.33	146	104017	38.640	ng	95
14) 1,2-Dichlorobenzene	8.64	146	101629	38.213	ng	94
15) Benzyl Alcohol	8.53	79	99482	38.810	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.80	45	162237	35.879	ng	96
17) 2-Methylphenol	8.73	107	87037	38.436	ng	92
18) Hexachloroethane	9.38	117	38510	39.031	ng	94
19) n-Nitroso-di-n-propylamine	9.09	70	84830	36.443	ng	# 87
20) 3+4-Methylphenols	9.05	107	121623	38.399	ng	96
22) Acetophenone	9.11	105	159502	38.677	ng	# 85
24) Nitrobenzene	9.50	77	130334	39.921	ng	94
25) Isophorone	10.02	82	232167	38.917	ng	97
26) 2-Nitrophenol	10.22	139	56093	40.369	ng	88
27) 2,4-Dimethylphenol	10.26	122	99074	39.007	ng	98
28) bis(2-Chloroethoxy)methane	10.49	93	130989	40.432	ng	98
29) 2,4-Dichlorophenol	10.76	162	108972	43.121	ng	96
30) 1,2,4-Trichlorobenzene	10.97	180	117219	40.660	ng	99
31) Naphthalene	11.16	128	302474	41.061	ng	98
32) Benzoic acid	10.42	122	41715	26.280	ng	# 81
33) 4-Chloroaniline	11.29	127	11023	3.572	ng	# 92
34) Hexachlorobutadiene	11.43	225	84958	40.010	ng	94
35) Caprolactam	12.06	113	32007m	35.319	ng	
36) 4-Chloro-3-methylphenol	12.37	107	127531	38.777	ng	99
37) 2-Methylnaphthalene	12.74	142	235882	42.889	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	150162	36.522	ng	98
40) Hexachlorocyclopentadiene	13.08	237	141002	87.492	ng	100

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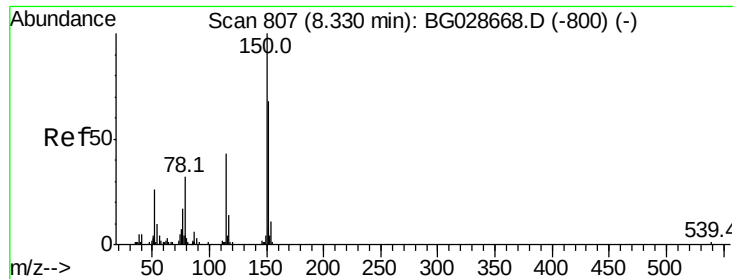
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 9/22/2017 3:59:01 PM

Quant Time: Sep 22 01:59:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	105139	40.290	nq	95
43) 2,4,5-Trichlorophenol	13.43	196	113390	43.243	nq	94
45) 1,1'-Biphenyl	13.74	154	320893	38.758	nq	98
46) 2-Chloronaphthalene	13.79	162	248685	41.181	nq	98
47) 2-Nitroaniline	14.00	65	97136	43.281	nq	93
48) Acenaphthylene	14.63	152	398412	41.296	nq	97
49) Dimethylphthalate	14.35	163	355708	42.421	nq	99
50) 2,6-Dinitrotoluene	14.48	165	80549	43.171	nq #	82
51) Acenaphthene	14.97	154	243515	41.551	nq	93
52) 3-Nitroaniline	14.82	138	23494	14.239	nq	96
53) 2,4-Dinitrophenol	15.03	184	69974	72.057	nq	94
54) Dibenzofuran	15.31	168	425169	45.492	nq	96
55) 4-Nitrophenol	15.13	139	95074	78.648	nq #	77
56) 2,4-Dinitrotoluene	15.27	165	122941	46.862	nq #	83
57) Fluorene	15.95	166	359572	43.094	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	113418	49.077	nq	91
59) Diethylphthalate	15.71	149	376009	43.635	nq	98
60) 4-Chlorophenyl-phenylether	15.93	204	206427	43.448	nq	90
61) 4-Nitroaniline	15.98	138	72811	41.654	nq	94
62) Azobenzene	16.23	77	333864	46.068	nq	92
64) 4,6-Dinitro-2-methylphenol	16.04	198	67610	39.186	nq	97
65) n-Nitrosodiphenylamine	16.15	169	317060	41.364	nq	99
66) 4-Bromophenyl-phenylether	16.83	248	142878	41.528	nq	93
67) Hexachlorobenzene	16.96	284	154112	39.356	nq #	91
68) Atrazine	17.09	200	130524	39.659	nq	95
69) Pentachlorophenol	17.32	266	148796	84.101	nq	97
70) Phenanthrene	17.70	178	607604	44.436	nq	95
71) Anthracene	17.79	178	619301	44.836	nq	97
72) Carbazole	18.06	167	548075	44.057	nq #	94
73) Di-n-butylphthalate	18.59	149	649908	42.607	nq #	95
74) Fluoranthene	19.70	202	774845	46.410	nq	93
76) Benzidine	19.90	184	19868	2.395	nq	95
77) Pyrene	20.07	202	803391	43.544	nq	95
79) Butylbenzylphthalate	20.93	149	304240	40.830	nq	91
80) Benzo(a)anthracene	21.96	228	830135	43.115	nq	94
81) 3,3'-Dichlorobenzidine	21.87	252	142117	18.206	nq	97
82) Chrysene	22.03	228	785467	42.996	nq	95
83) Bis(2-ethylhexyl)phthalate	21.82	149	438969	41.438	nq	100
84) Di-n-octyl phthalate	23.11	149	742067	40.094	nq #	88
85) Indeno(1,2,3-cd)pyrene	29.44	276	901797	38.419	nq	99
87) Benzo(b)fluoranthene	24.35	252	856579	44.297	nq	98
88) Benzo(k)fluoranthene	24.42	252	823764	42.648	nq	95
89) Benzo(a)pyrene	25.29	252	817296	44.528	nq	98
90) Dibenzo(a,h)anthracene	29.50	278	760110	39.721	nq	96
91) Benzo(g,h,i)perylene	30.69	276	723661	38.757	nq	97

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



#1

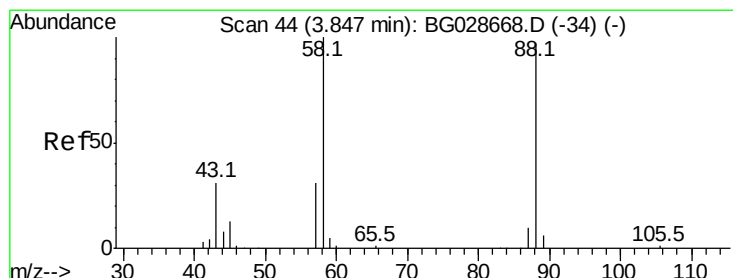
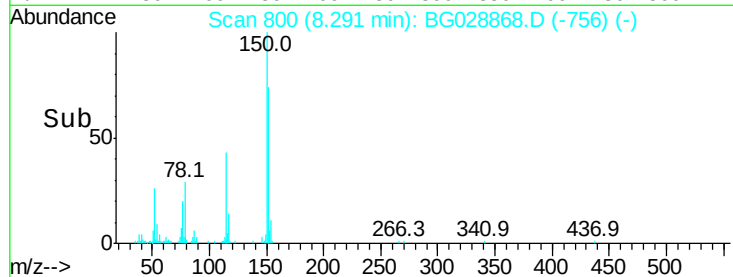
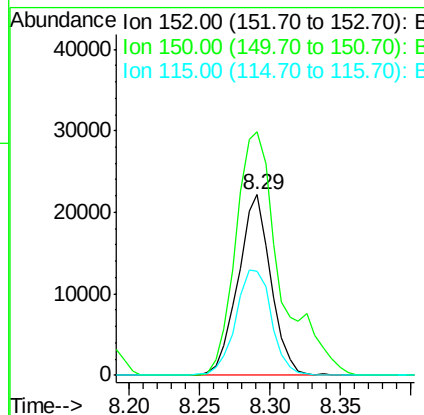
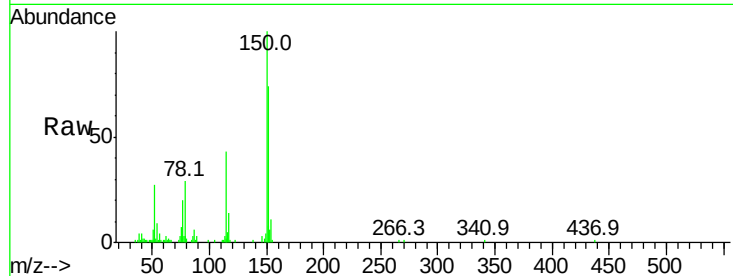
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.8	114.0	171.0
115	57.3	48.1	72.1

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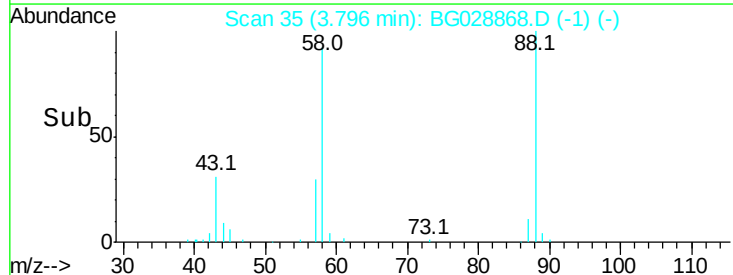
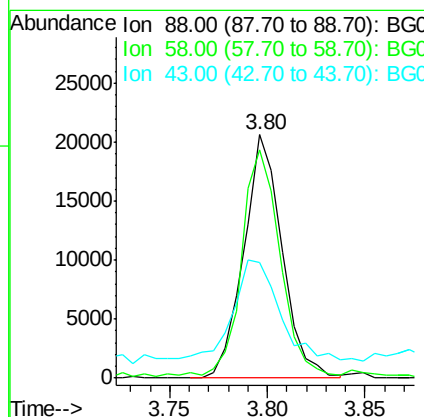
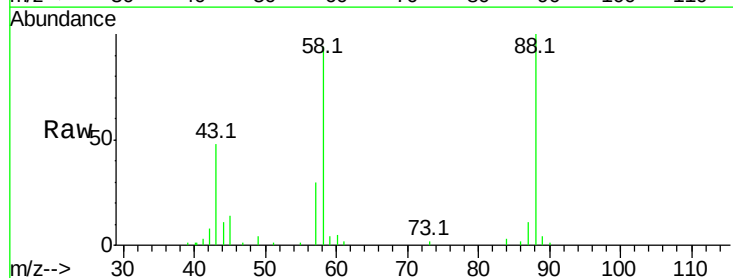
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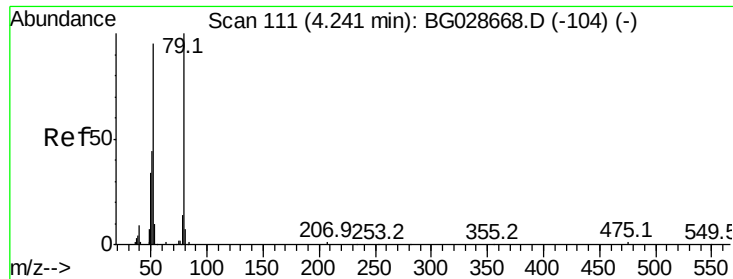


#2

1,4-Dioxane
Concen: 31.802 ng
RT: 3.80 min Scan# 35
Delta R.T. -0.05 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.2	79.4	119.2
43	51.3	33.8	50.6





#3

Pvridine

Concen: 30.120 ng

RT: 4.20 min Scan# 103

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

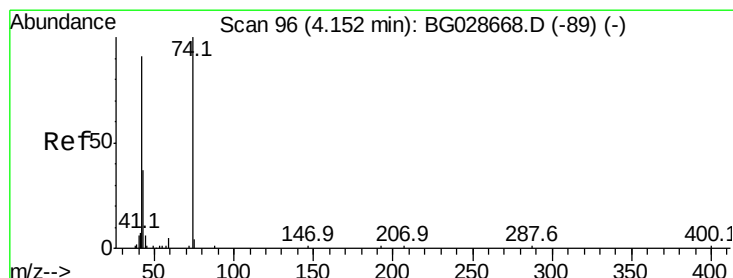
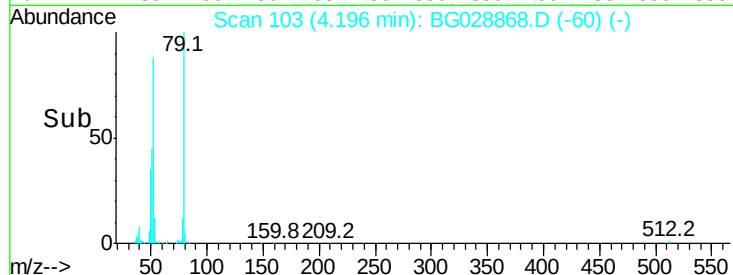
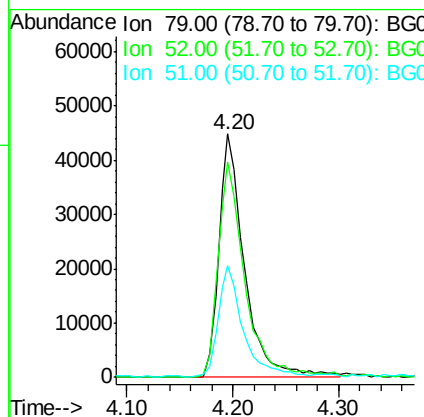
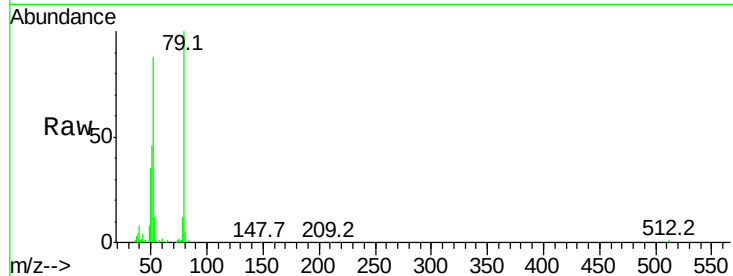
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	79	Resp:	75881
Ion Ratio	Lower	Upper	
79	100		
52	88.3	77.8	116.6
51	46.1	43.2	64.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.232 ng

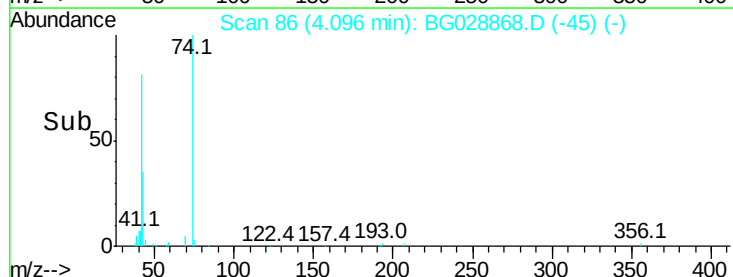
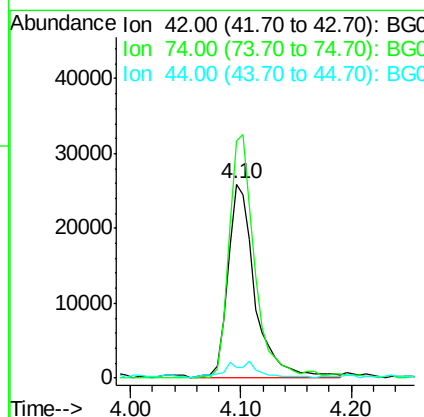
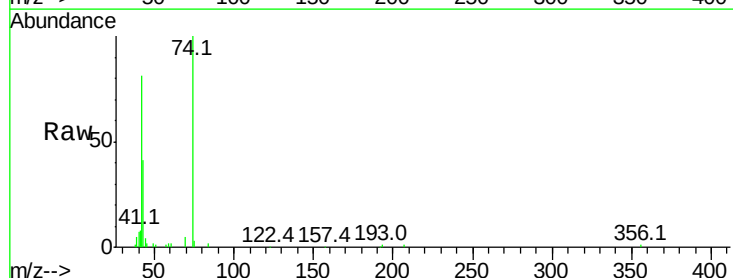
RT: 4.10 min Scan# 86

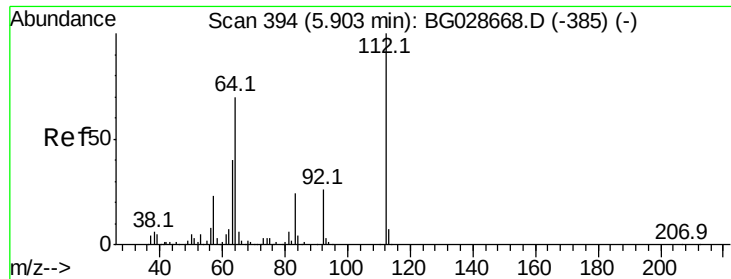
Delta R.T. -0.06 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	42	Resp:	44961
Ion Ratio	Lower	Upper	
42	100		
74	122.8	76.7	115.1#
44	5.4	6.1	9.1#





#5

2-Fluorophenol

Concen: 144.869 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

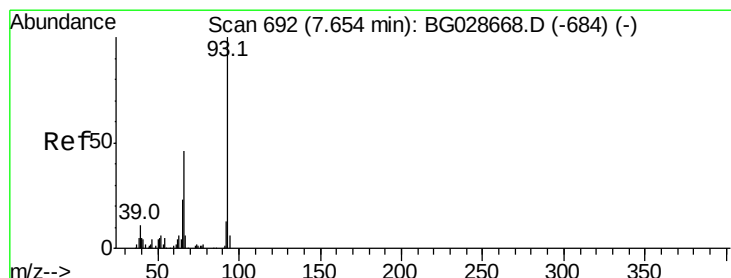
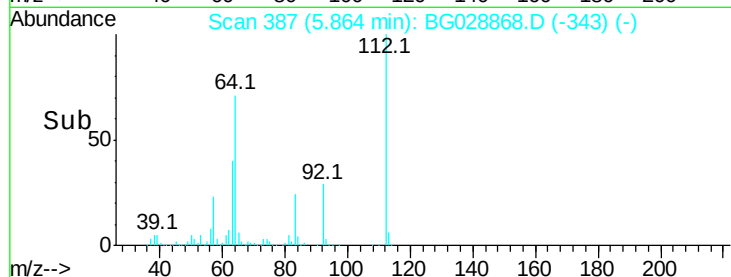
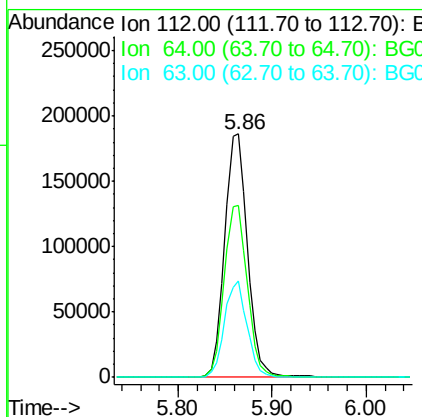
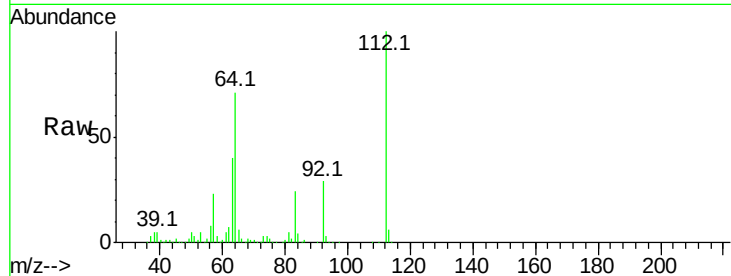
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	112	Resp:	315946
Ion Ratio	Lower	Upper	
112	100		
64	70.5	61.8	92.6
63	39.6	37.2	55.8

Manual Integrations
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#6

Aniline

Concen: 15.585 ng

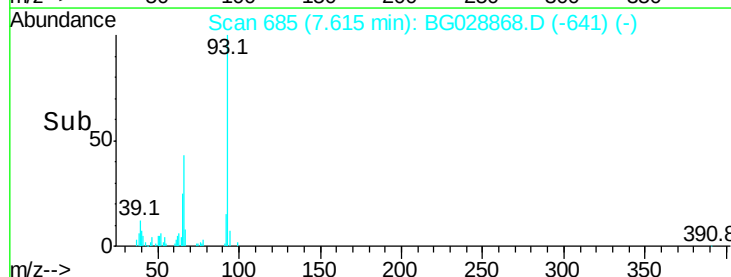
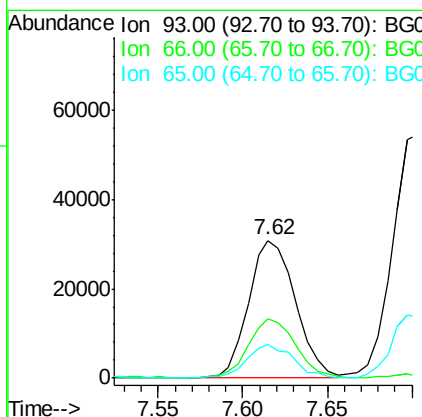
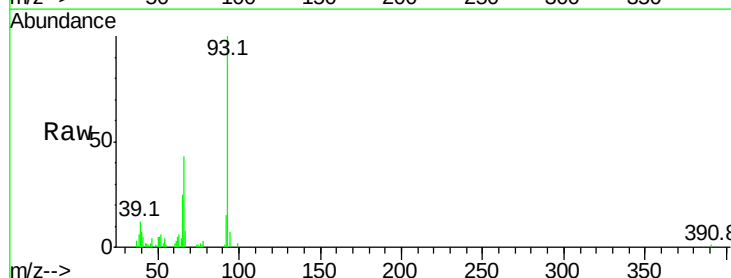
RT: 7.62 min Scan# 685

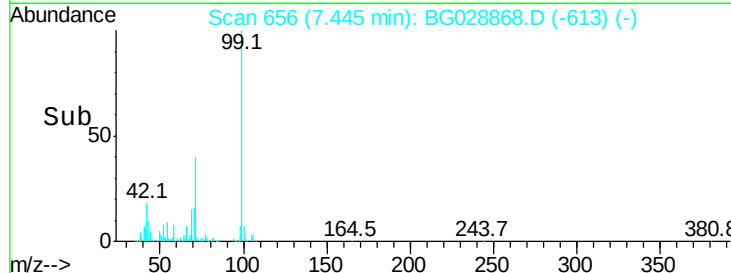
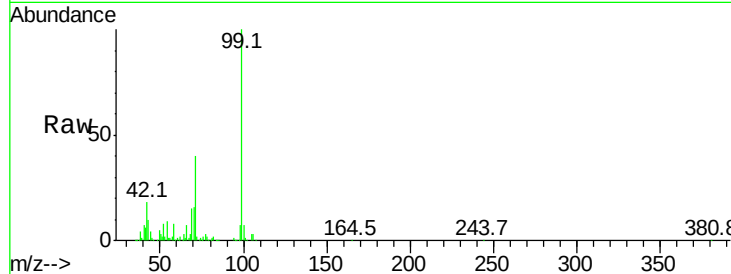
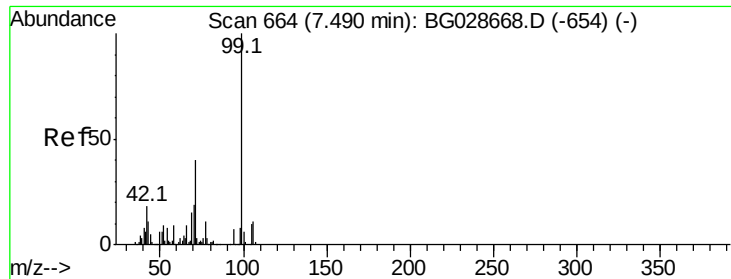
Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	93	Resp:	59558
Ion Ratio	Lower	Upper	
93	100		
66	43.4	35.4	53.2
65	24.6	21.2	31.8





#7

Phenol-d6

Concen: 124.487 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tot Ion	Ratio	Resp	Lower	Upper
99	100	408767		
42	18.3	20.5	30.7#	
71	40.2	37.6	56.4	

Instrument :

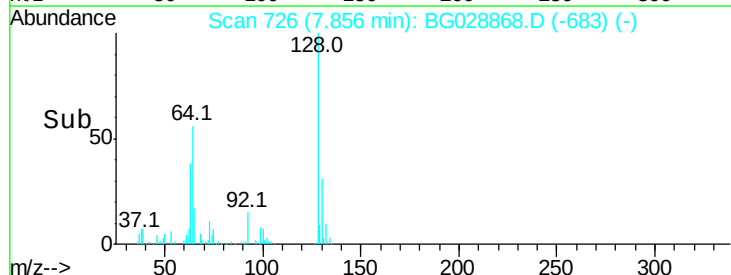
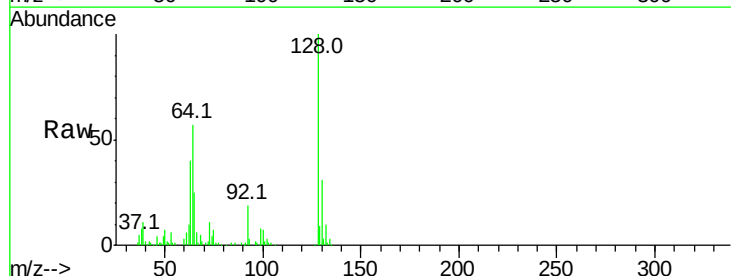
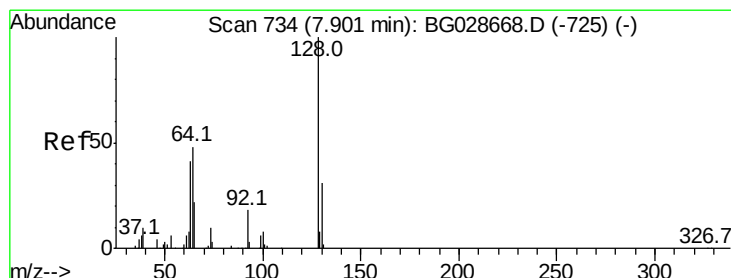
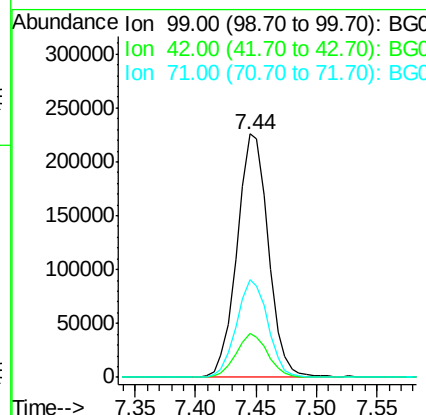
BNA_G

ClientSampleId :

TP-5-COMPMSD

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#8

2-Chlorophenol

Concen: 40.136 ng

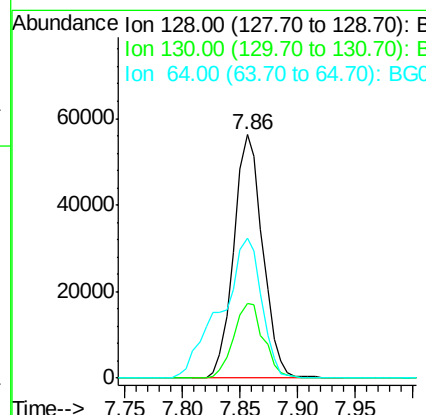
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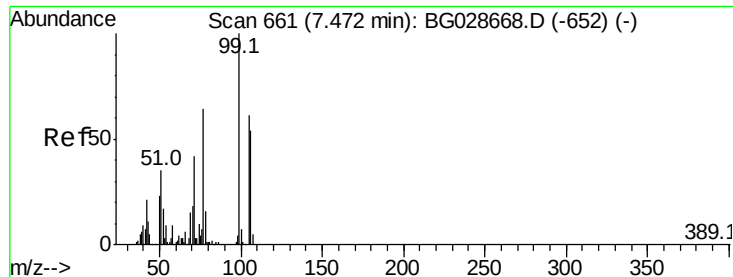
Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	97579		
130	30.9	11.4	51.4	
64	57.3	46.6	86.6	





#9

Benzaldehyde

Concen: 14.201 ng

RT: 7.43 min Scan# 653

Delta R.T. -0.05 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

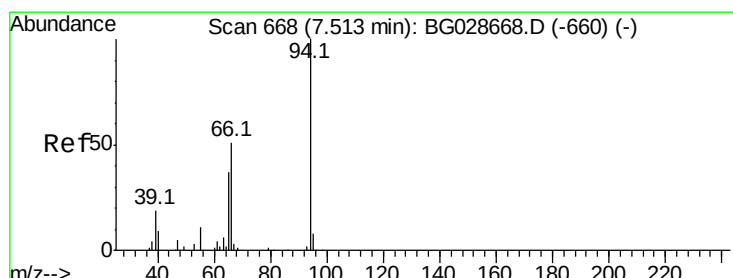
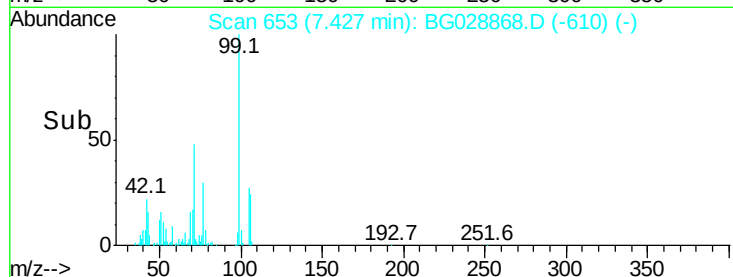
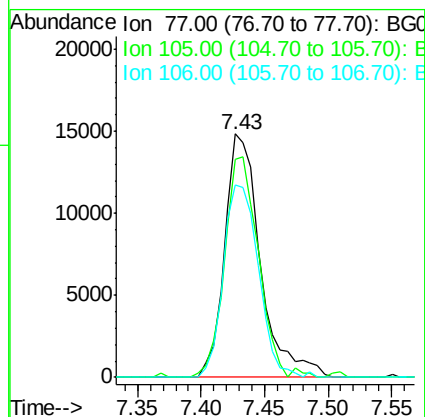
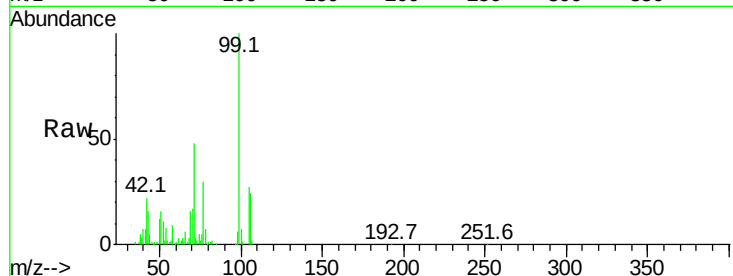
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	77	Resp:	28931
Ion	Ratio	Lower	Upper
77	100		
105	89.3	60.9	100.9
106	79.0	55.1	95.1

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#10

Phenol

Concen: 35.563 ng

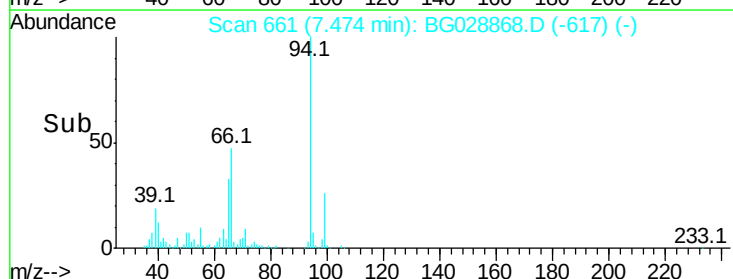
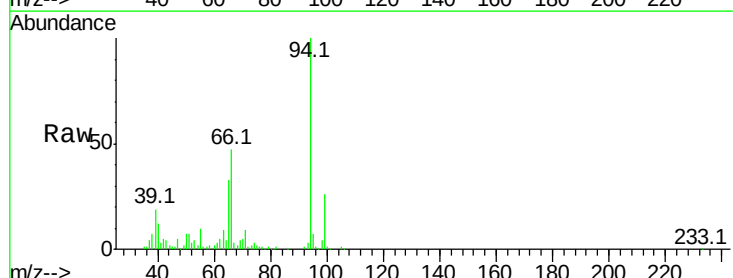
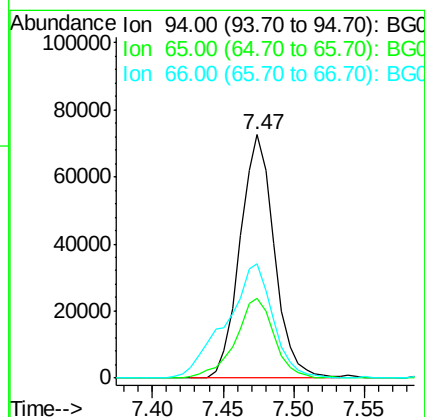
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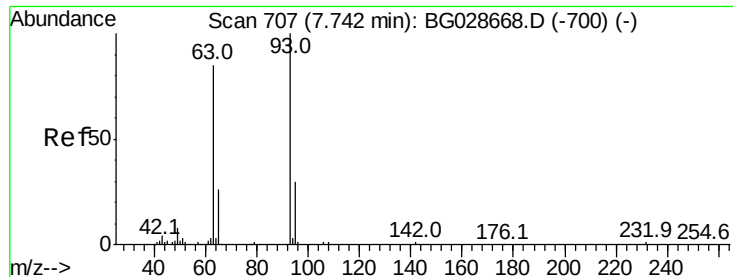
Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	94	Resp:	123239
Ion	Ratio	Lower	Upper
94	100		
65	32.8	20.6	60.6
66	47.0	35.5	75.5





#11

bis(2-Chloroethyl)ether

Concen: 36.952 ng

RT: 7.70 min Scan# 700

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

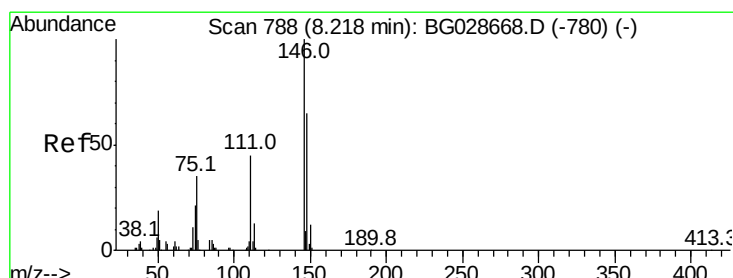
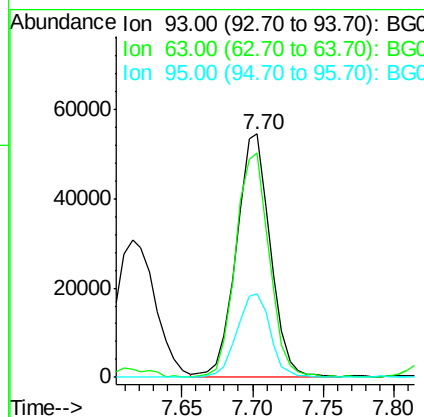
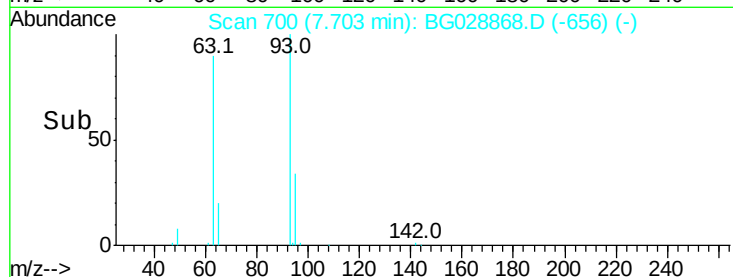
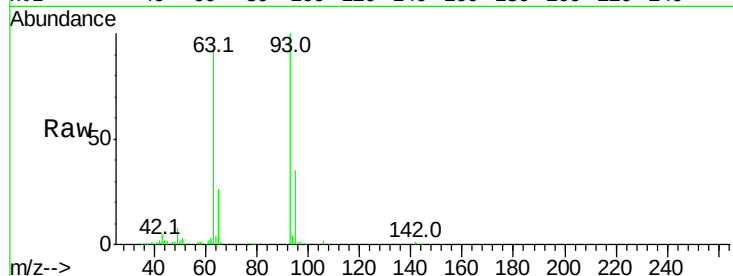
TP-5-COMPMSD

Tot Ion:	93	Resp:	91936
Ion Ratio	Lower	Upper	
93	100		
63	91.9	78.5	118.5
95	34.5	9.8	49.8

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#12

1,3-Dichlorobenzene

Concen: 38.327 ng

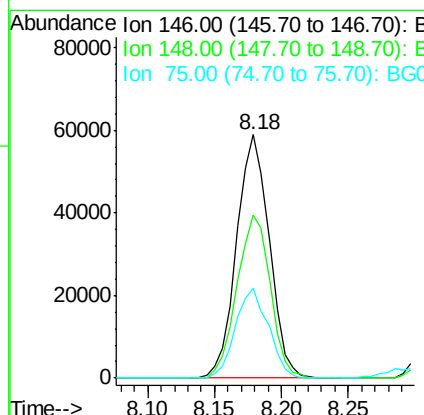
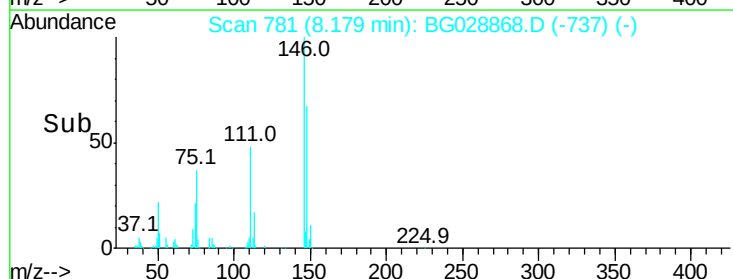
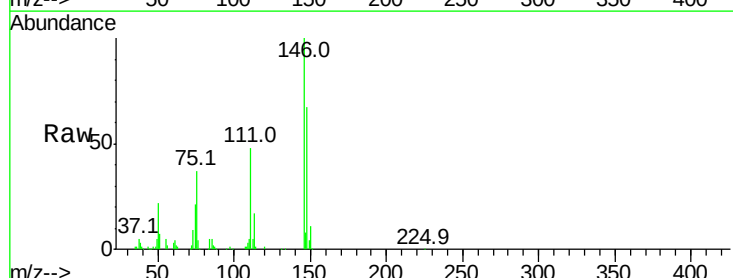
RT: 8.18 min Scan# 781

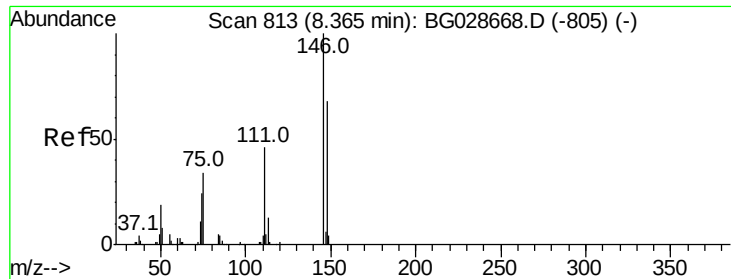
Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	146	Resp:	100338
Ion Ratio	Lower	Upper	
146	100		
148	67.1	49.2	73.8
75	36.7	33.4	50.2





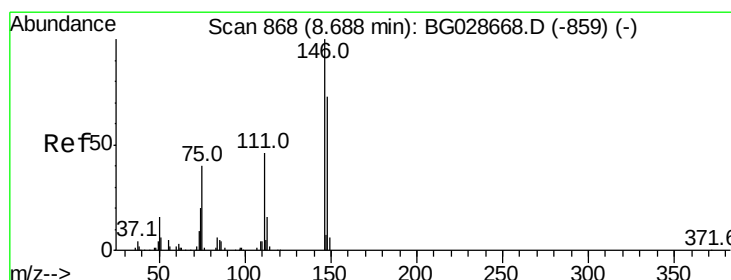
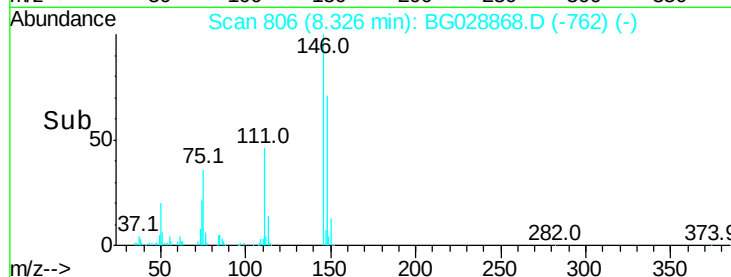
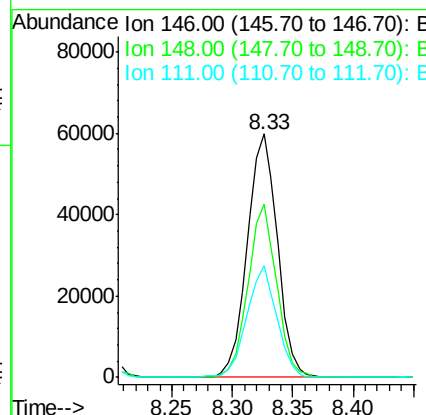
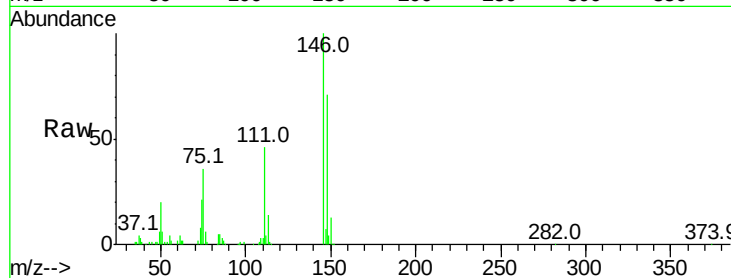
#13
 1,4-Dichlorobenzene
 Concen: 38.640 ng
 RT: 8.33 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.3	52.2	78.2
111	45.7	37.0	55.6

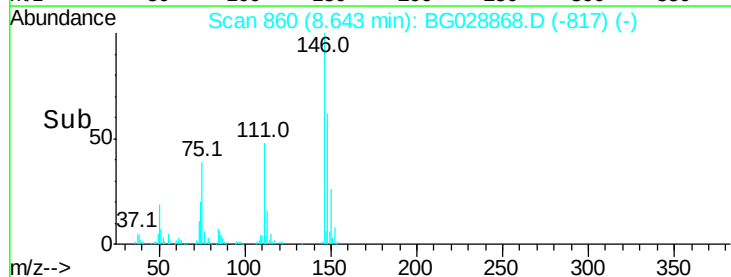
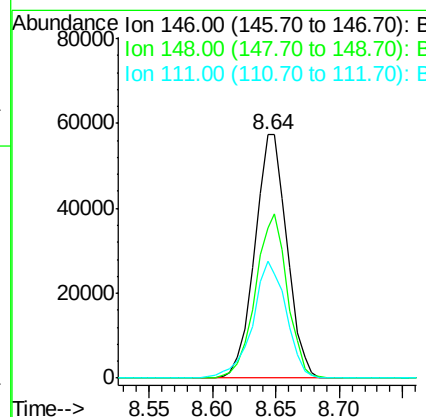
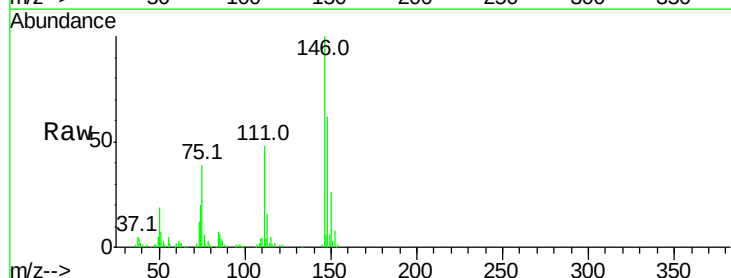
Manual Integrations
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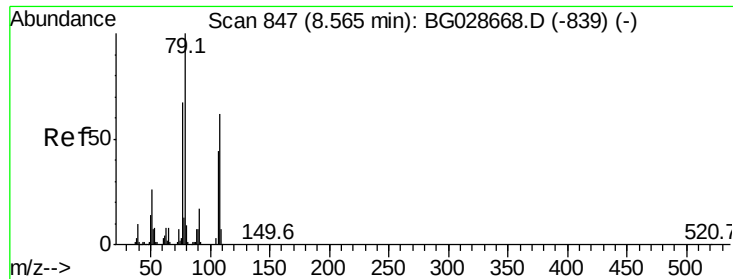
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.213 ng
 RT: 8.64 min Scan# 860
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	54.6	81.8
111	48.0	39.7	59.5





#15

Benzyl Alcohol

Concen: 38.810 ng

RT: 8.53 min Scan# 840

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

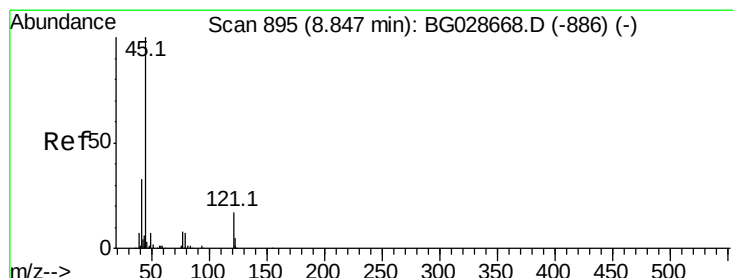
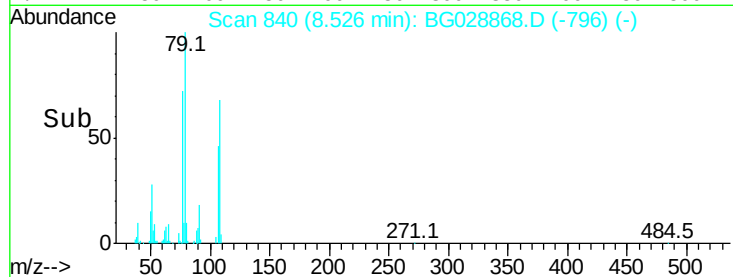
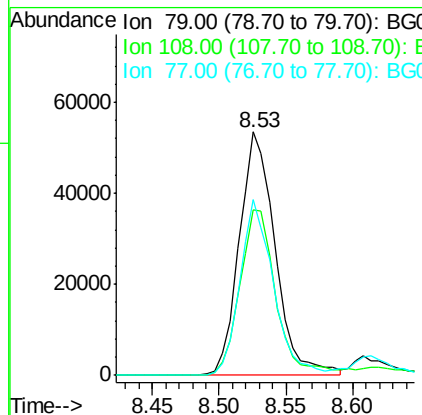
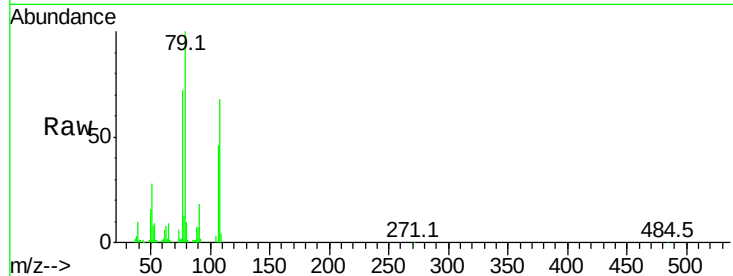
ClientSampleId :

TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.1	45.5	68.3
77	71.9	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.879 ng

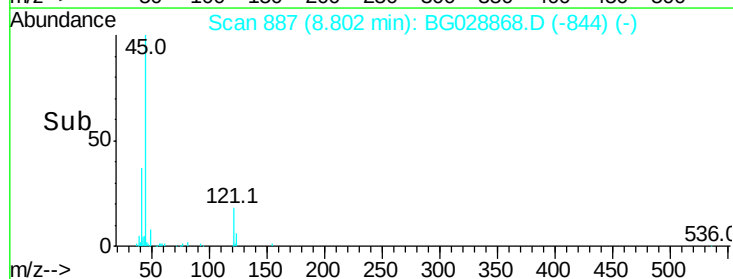
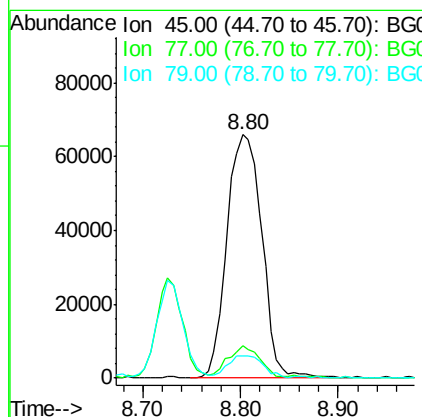
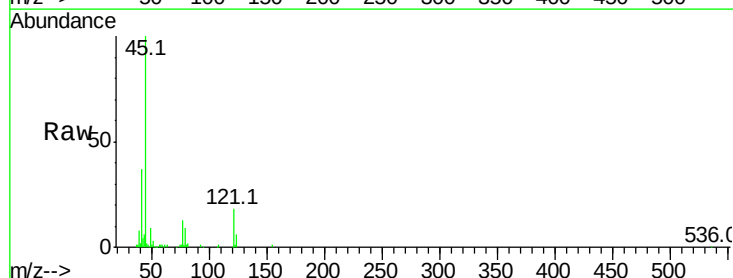
RT: 8.80 min Scan# 887

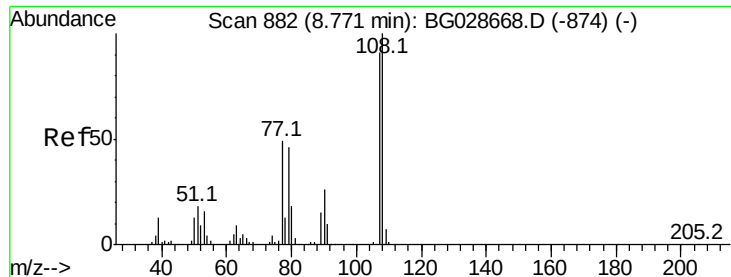
Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	30.6
79	8.9	0.0	28.5





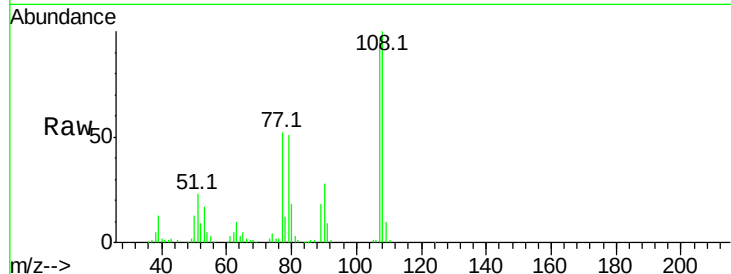
#17
2-Methylphenol
Concen: 38.436 ng
RT: 8.73 min Scan# 874
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

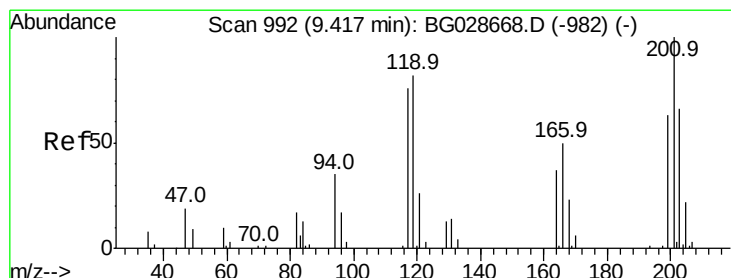
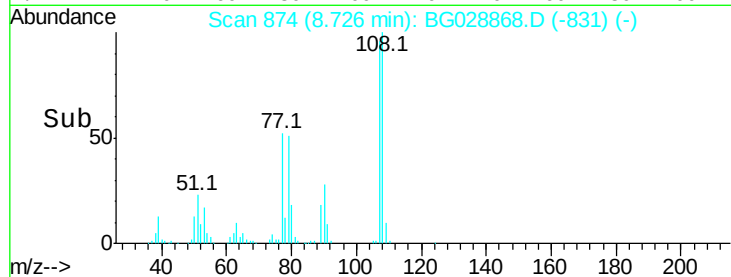
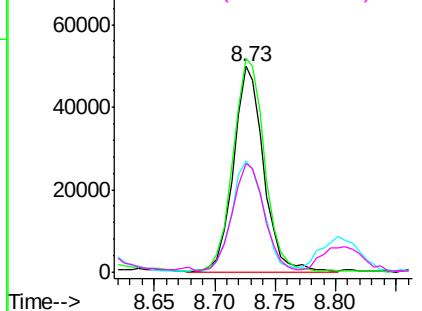
Tot Ion	107	Resp	87037
Ion	Ratio	Lower	Upper
107	100		
108	103.7	85.6	128.4
77	54.2	51.4	77.2
79	52.9	49.2	73.8

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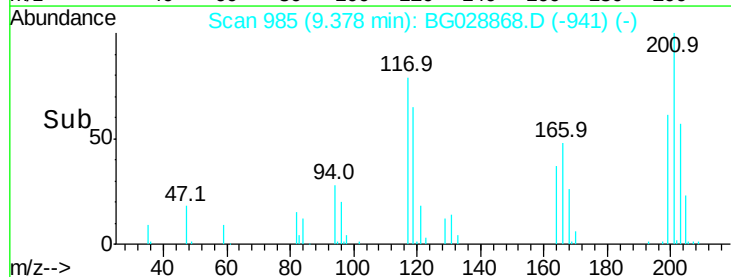
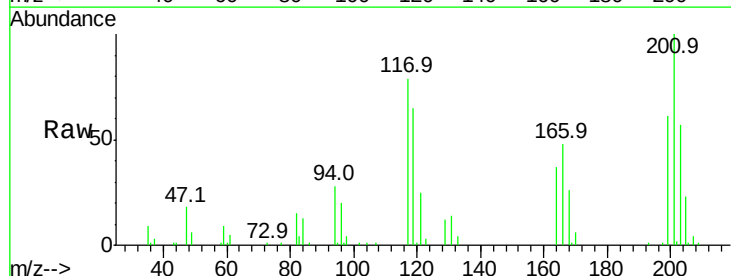
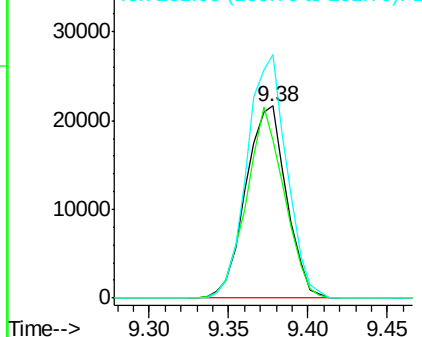
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

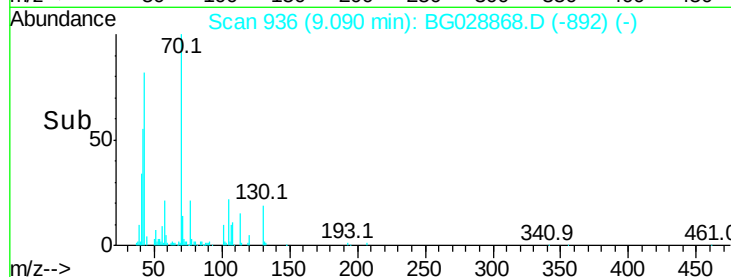
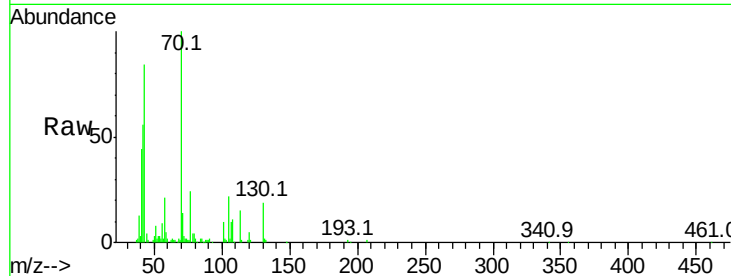
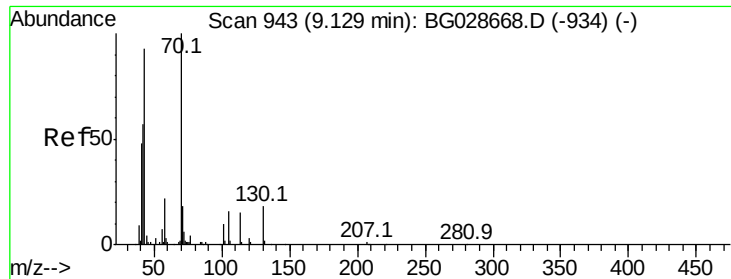


#18
Hexachloroethane
Concen: 39.031 ng
RT: 9.38 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	117	Resp	38510
Ion	Ratio	Lower	Upper
117	100		
119	82.1	69.8	104.6
201	126.6	95.4	143.0

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





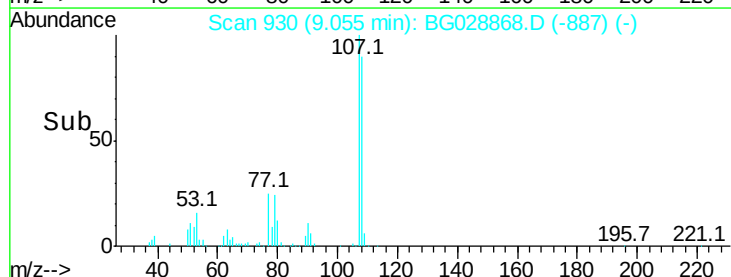
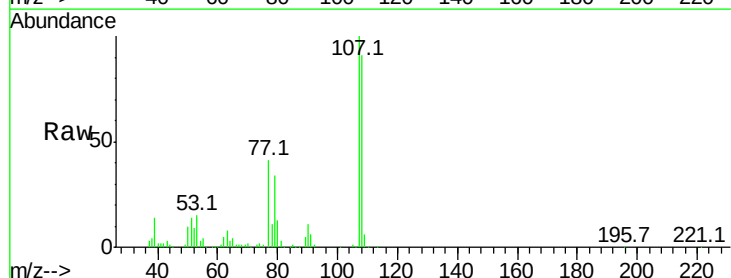
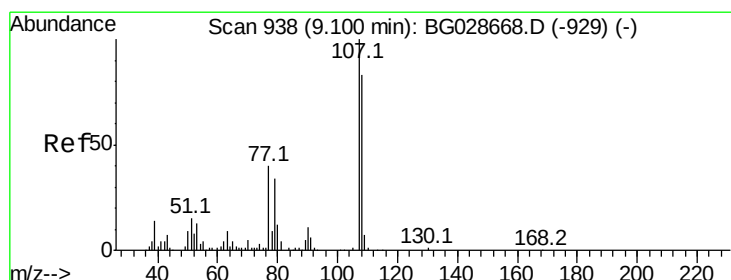
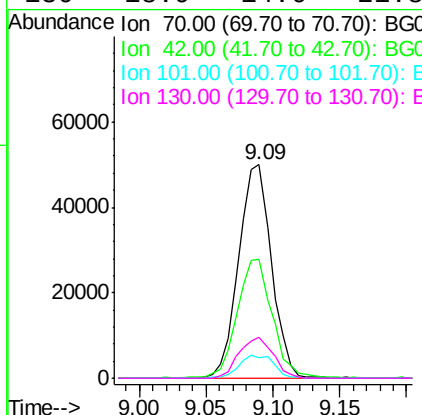
#19
n-Nitroso-di-n-propylamine
Concen: 36.443 ng
RT: 9.09 min Scan# 936
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tot Ion	70	Resp	84830
Ion Ratio	Lower	Upper	
70	100		
42	56.0	56.1	84.1#
101	9.7	7.5	11.3
130	18.9	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

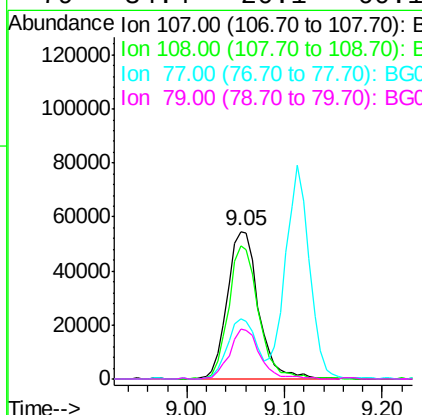
Manual Integrations
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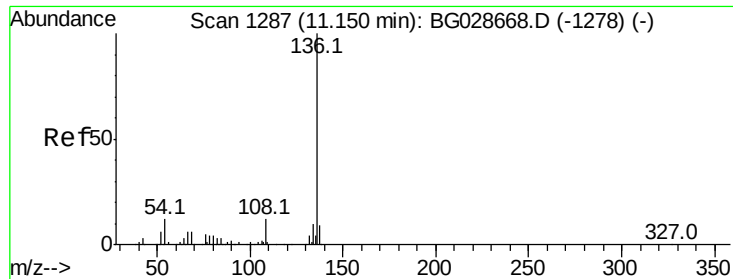
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#20
3+4-Methylphenols
Concen: 38.399 ng
RT: 9.05 min Scan# 930
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	107	Resp	121623
Ion Ratio	Lower	Upper	
107	100		
108	90.5	70.8	110.8
77	40.5	25.8	65.8
79	34.4	20.1	60.1





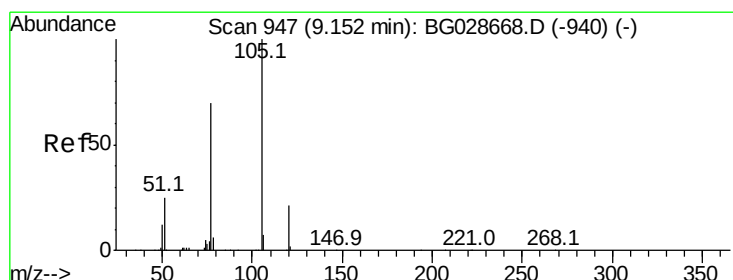
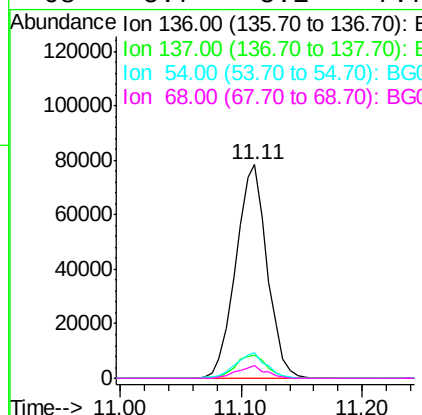
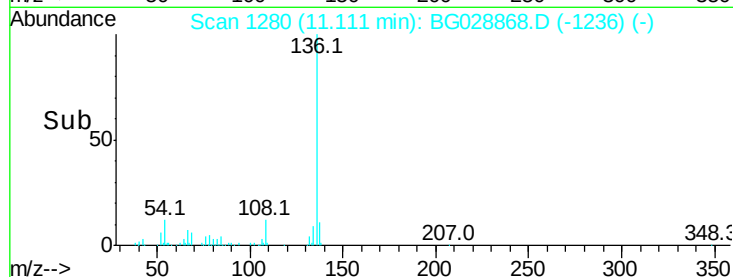
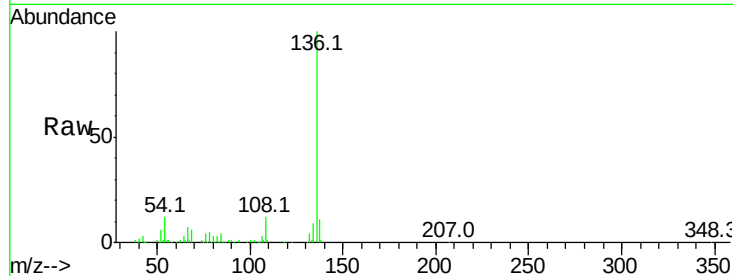
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		141043		
137	10.8	8.9	13.3		
54	11.8	9.3	13.9		
68	5.7	5.1	7.7		

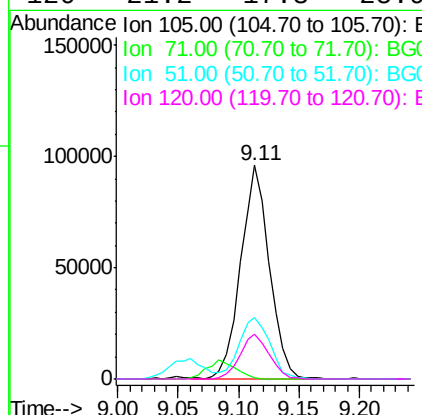
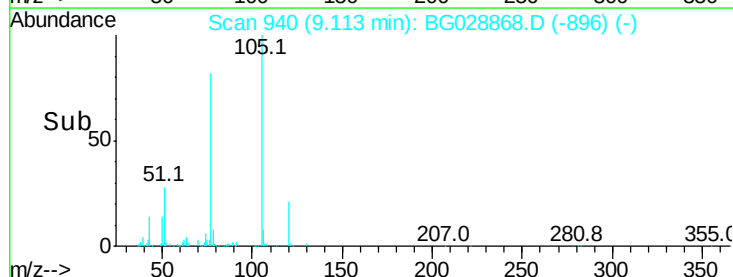
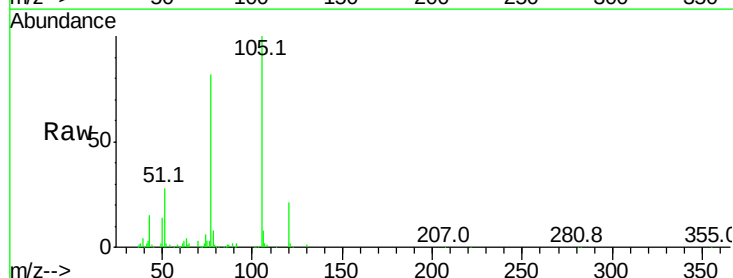
Manual Integrations
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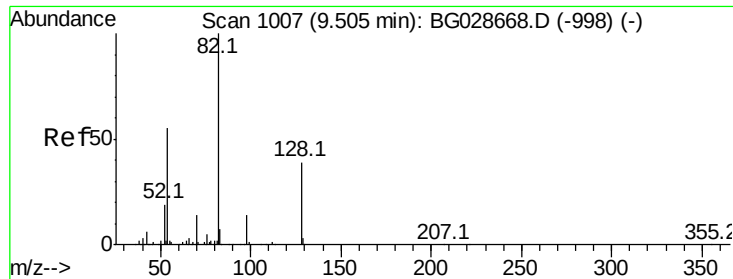
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#22
Acetophenone
Concen: 38.677 ng
RT: 9.11 min Scan# 940
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		159502		
71	0.5	0.9	1.3#		
51	28.5	34.0	51.0#		
120	21.2	17.3	25.9		





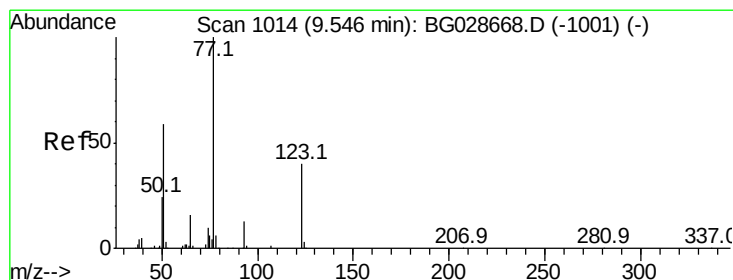
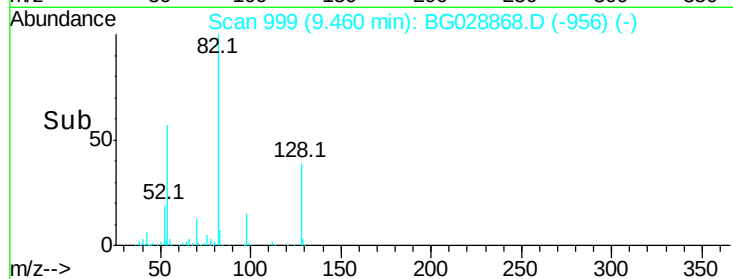
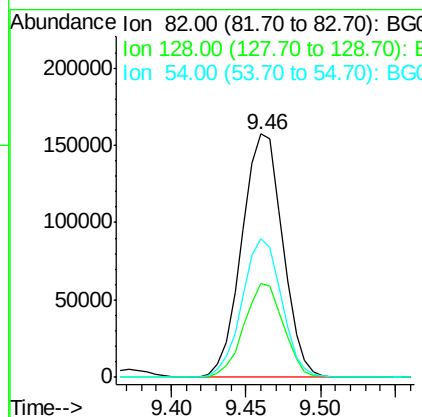
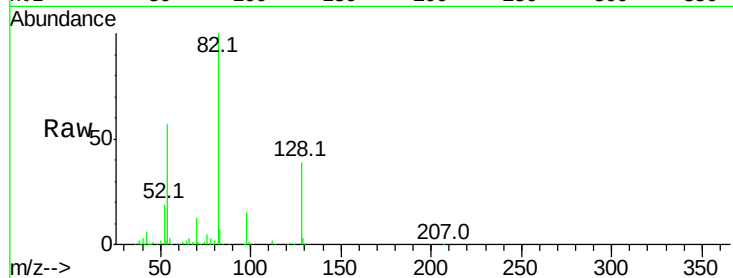
#23
 Nitrobenzene-d5
 Concen: 101.426 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	299042		
128	38.7	26.4	39.6	
54	56.8	49.4	74.2	

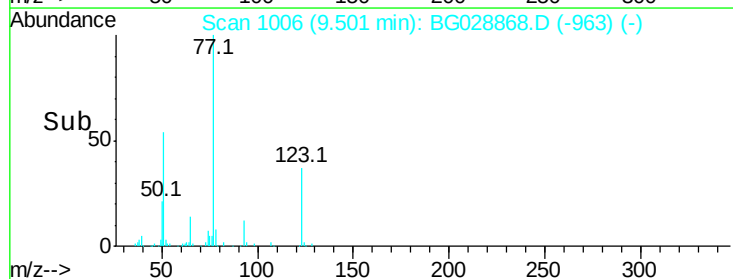
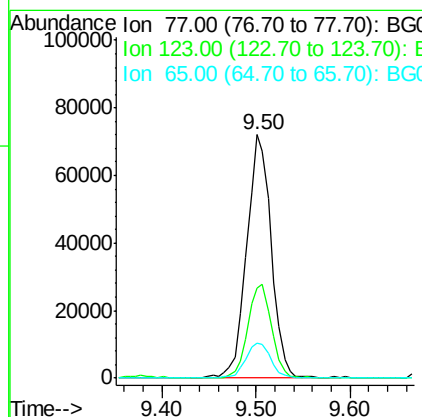
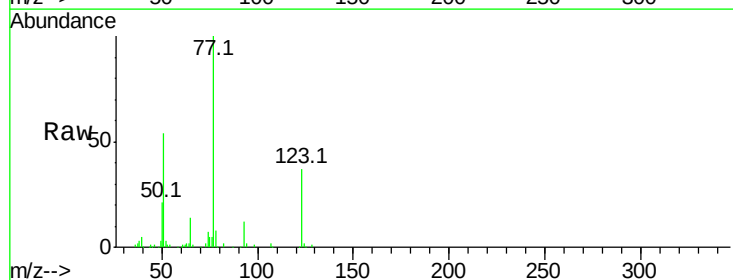
Manual Integrations
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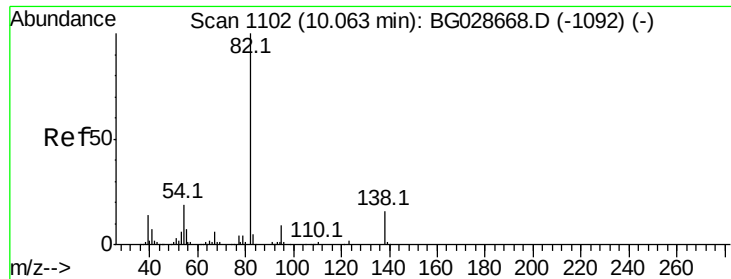
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#24
 Nitrobenzene
 Concen: 39.921 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.05 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	130334		
123	37.0	26.1	39.1	
65	14.1	12.4	18.6	





#25

Isophorone

Concen: 38.917 ng

RT: 10.02 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

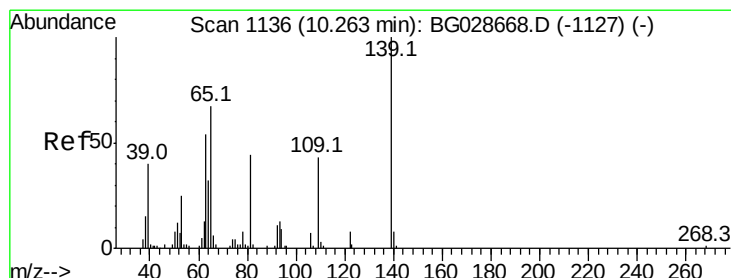
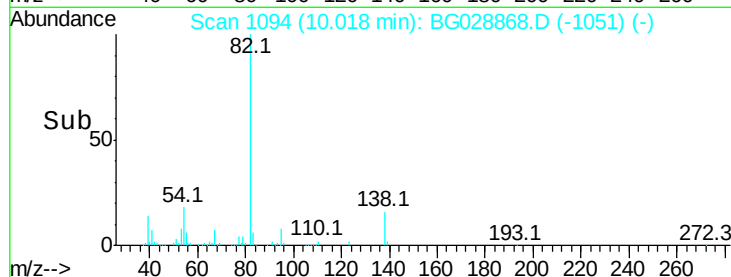
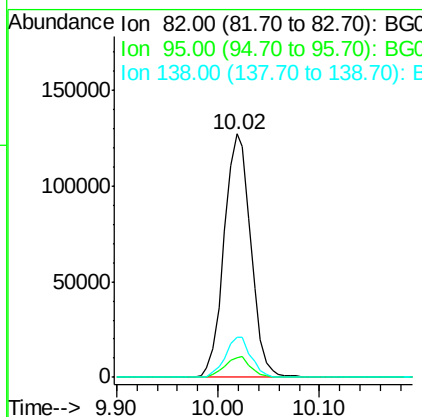
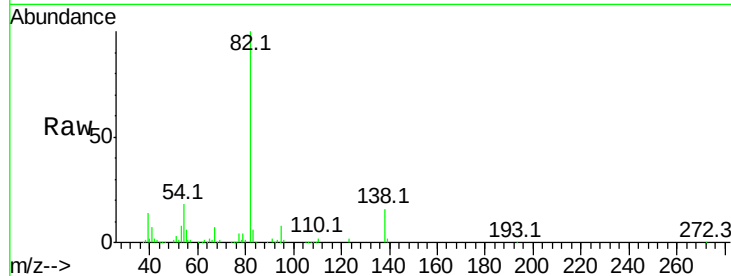
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	82	Resp:	232167
Ion Ratio	Lower	Upper	
82	100		
95	8.2	7.5	11.3
138	16.4	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.369 ng

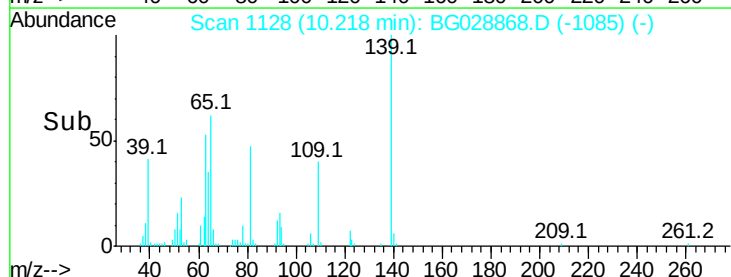
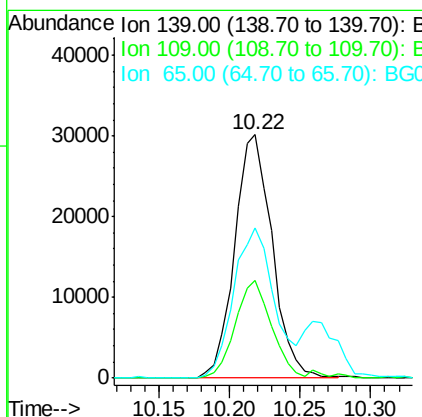
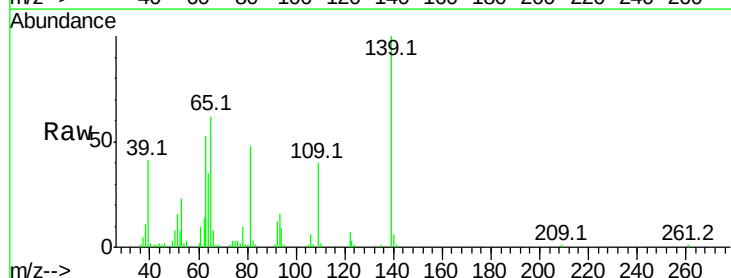
RT: 10.22 min Scan# 1128

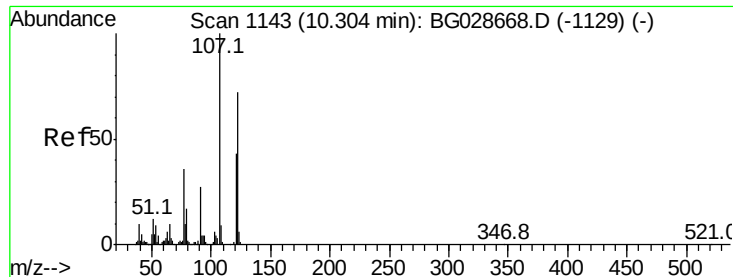
Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	139	Resp:	56093
Ion Ratio	Lower	Upper	
139	100		
109	40.0	38.6	58.0
65	61.6	57.1	85.7





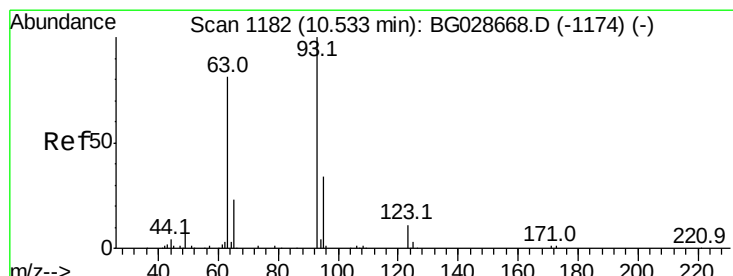
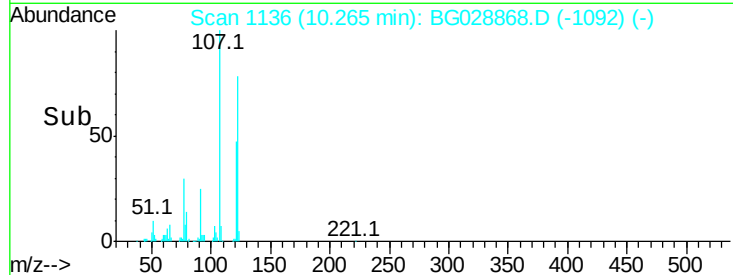
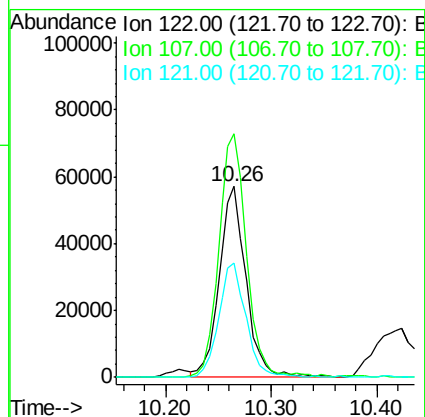
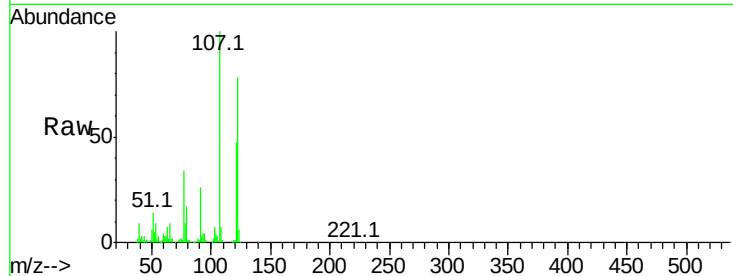
#27
 2,4-Dimethylphenol
 Concen: 39.007 ng
 RT: 10.26 min Scan# 1136
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.7	104.2	156.4
121	59.7	46.0	69.0

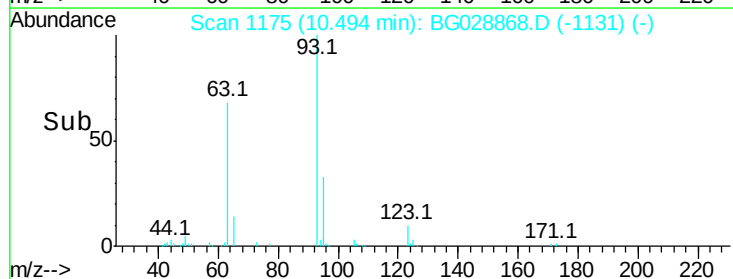
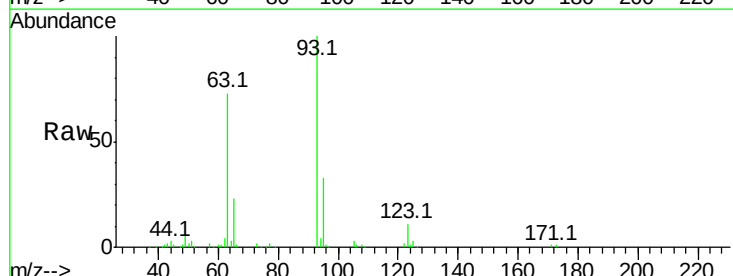
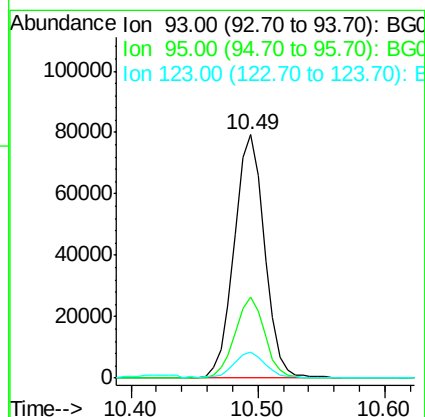
Manual Integrations
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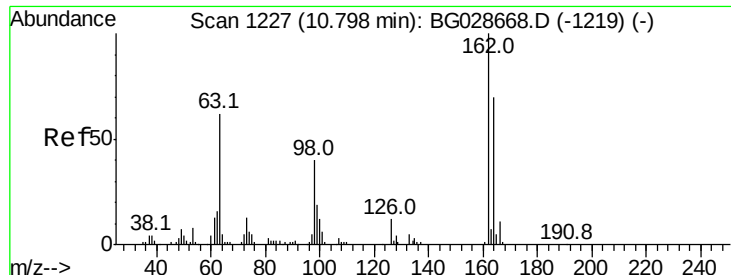
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.432 ng
 RT: 10.49 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.7	38.5
123	10.6	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 43.121 ng

RT: 10.76 min Scan# 1220

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

TP-5-COMPMSD

Tot Ion:162 Resp: 108972

Ion Ratio Lower Upper

162 100

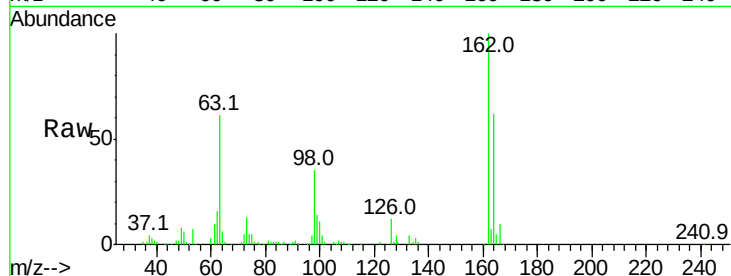
164 62.0 42.4 82.4

98 35.2 20.3 60.3

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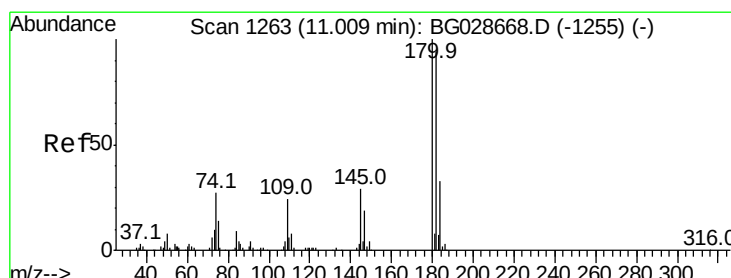
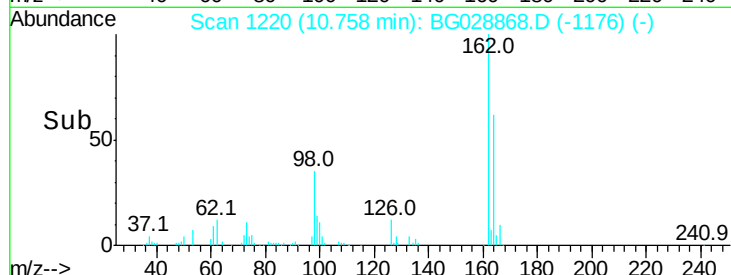
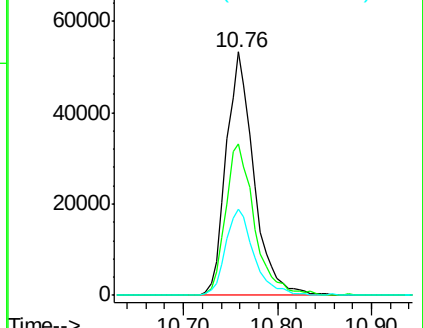
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.660 ng

RT: 10.97 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

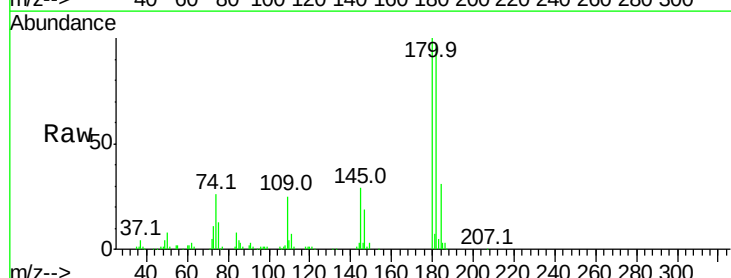
Tgt Ion:180 Resp: 117219

Ion Ratio Lower Upper

180 100

182 97.0 77.0 115.4

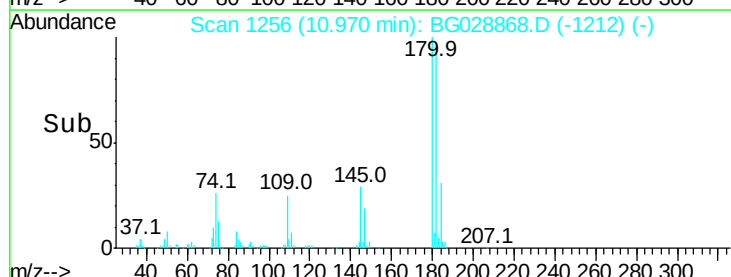
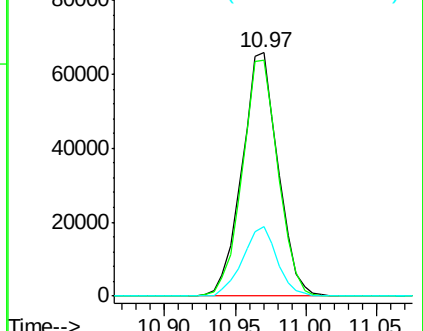
145 28.7 23.4 35.0

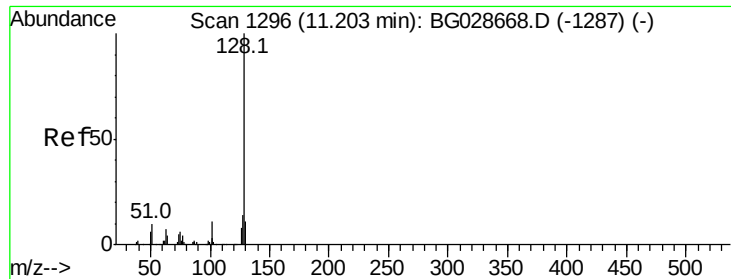


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





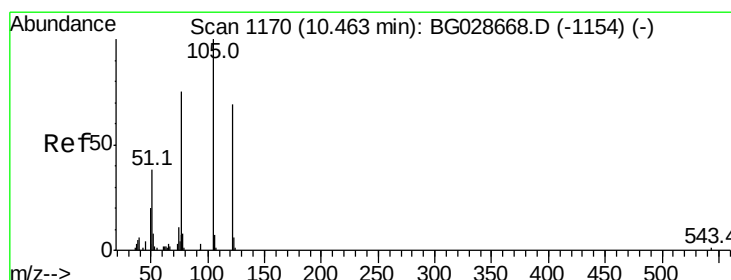
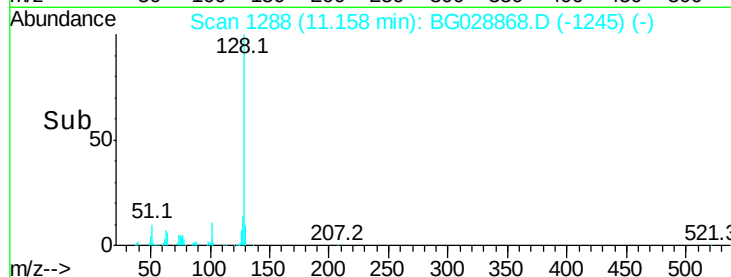
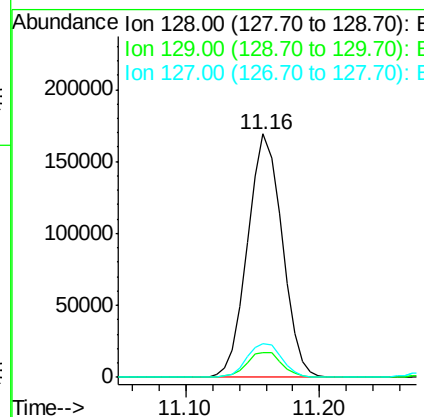
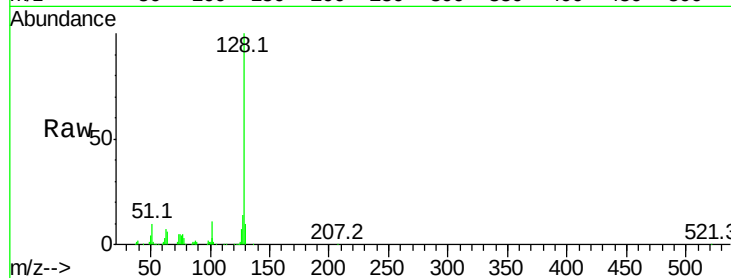
#31
Naphthalene
Concen: 41.061 ng
RT: 11.16 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.2	9.3	13.9	
127	14.1	11.4	17.0	

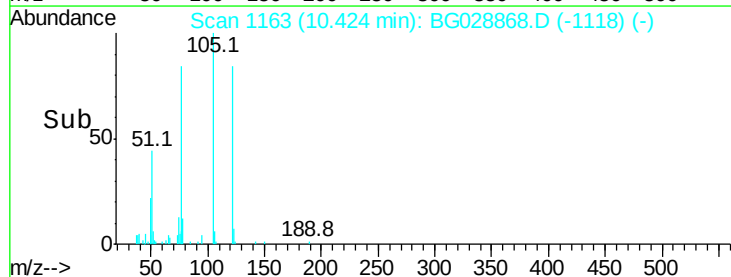
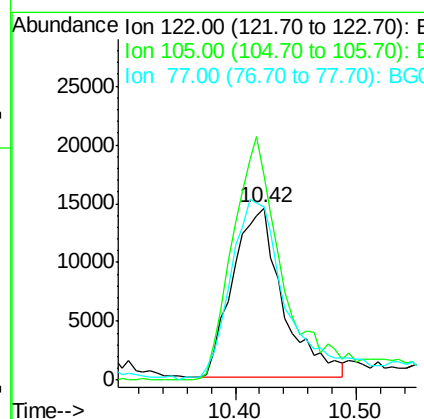
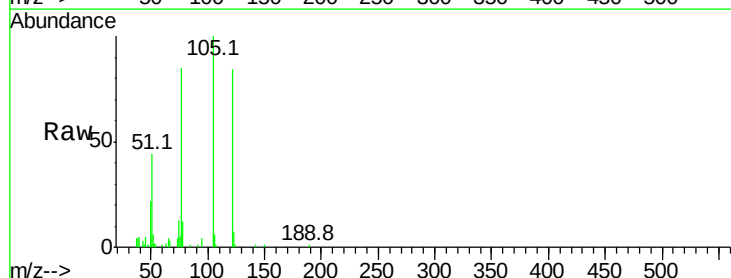
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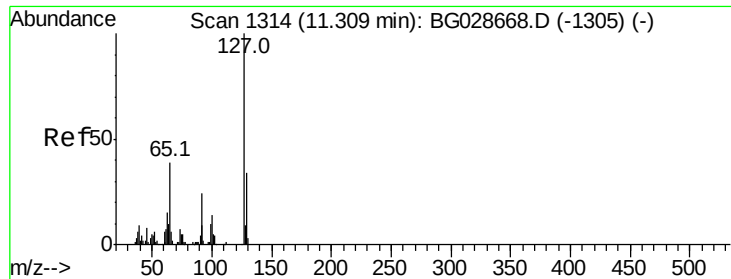
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#32
Benzoic acid
Concen: 26.280 ng
RT: 10.42 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	118.6	120.1	160.1#	
77	100.6	104.6	144.6#	





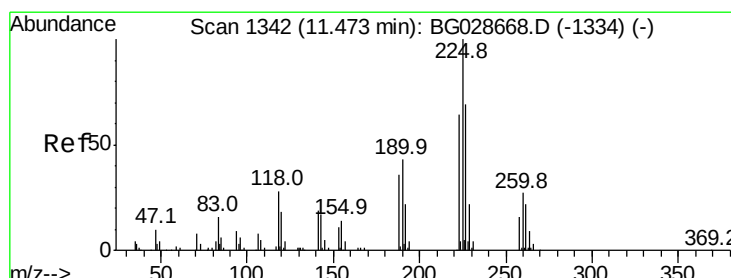
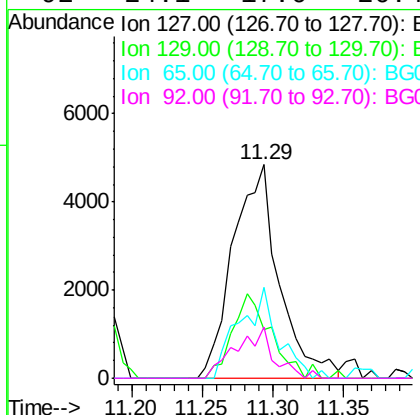
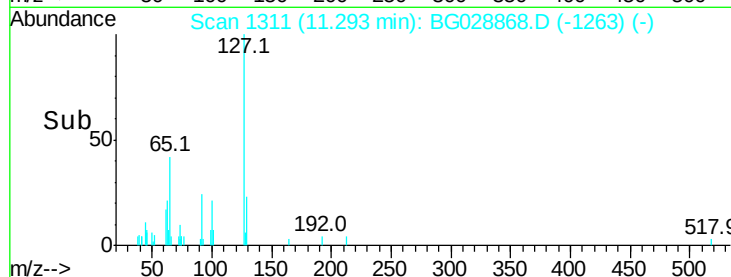
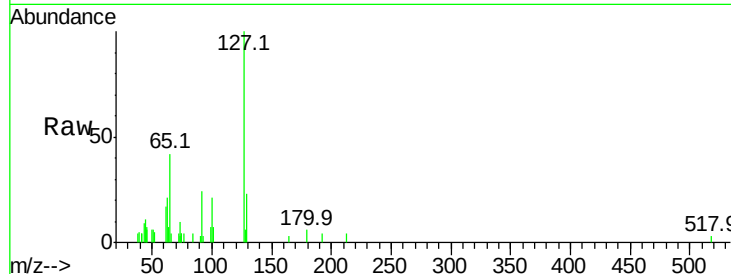
#33
4-Chloroaniline
Concen: 3.572 ng
RT: 11.29 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	22.5	23.6	35.4#
65	42.3	37.7	56.5
92	24.1	17.6	26.4

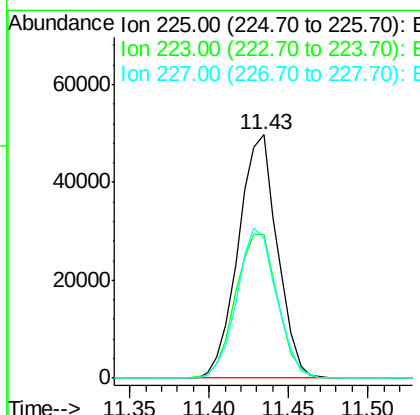
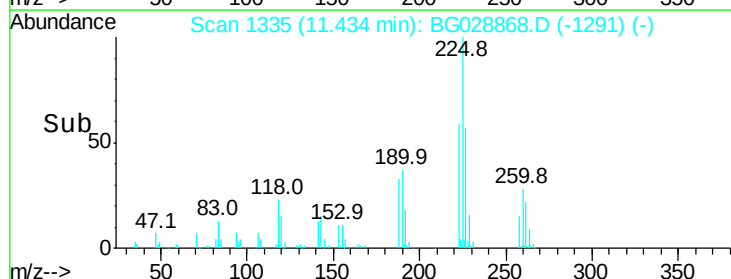
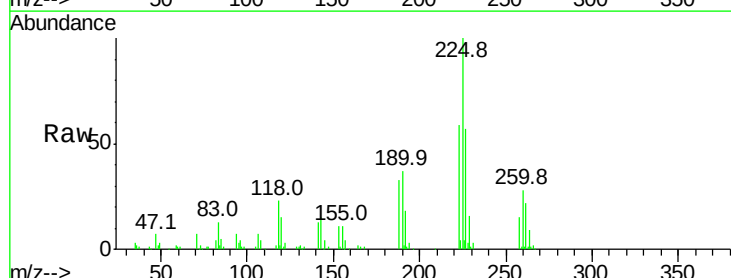
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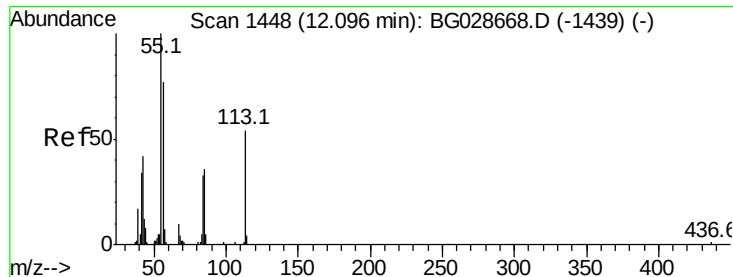
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#34
Hexachlorobutadiene
Concen: 40.010 ng
RT: 11.43 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.8	50.7	76.1
227	57.3	49.0	73.6





#35

Caprolactam

Concen: 35.319 ng/ml

RT: 12.06 min Scan# 1441

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleID :

TP-5-COMPMSD

Tot Ion:113 Resp: 32007

Ion Ratio Lower Upper

113 100

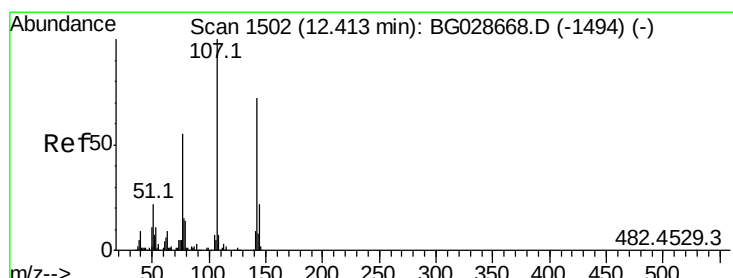
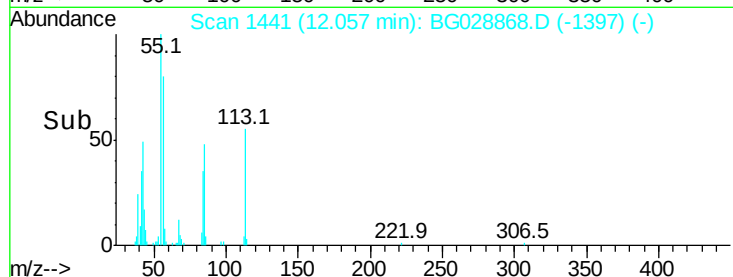
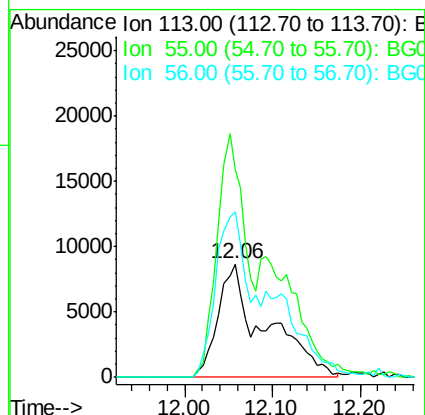
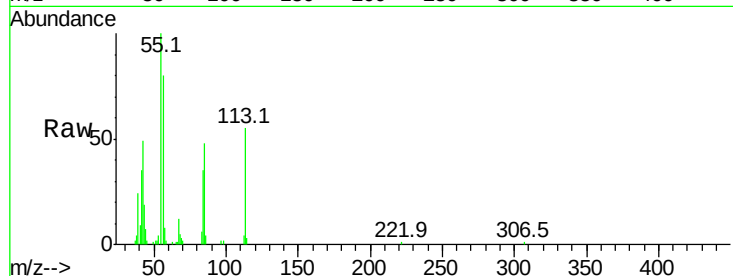
55 182.7 198.6 238.6#

56 145.9 140.4 180.4

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#36

4-Chloro-3-methylphenol

Concen: 38.777 ng/ml

RT: 12.37 min Scan# 1495

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

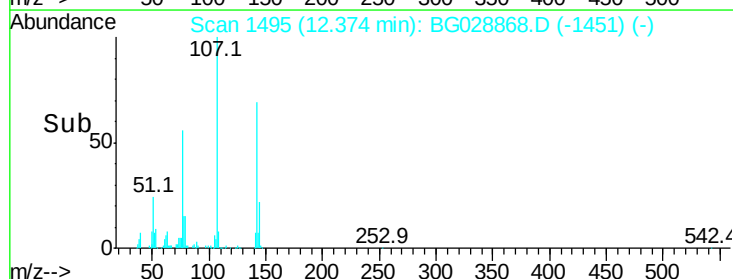
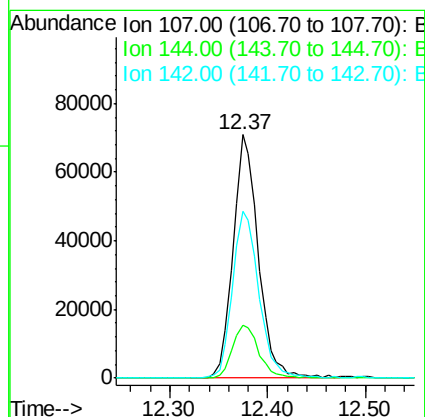
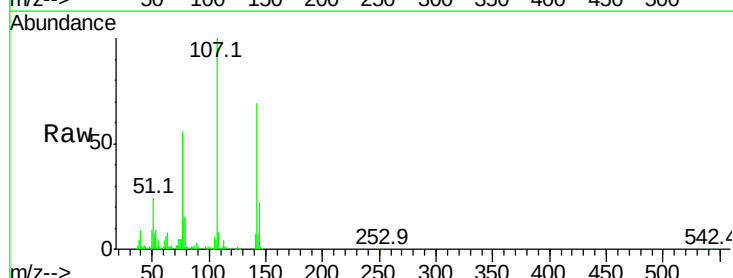
Tgt Ion:107 Resp: 127531

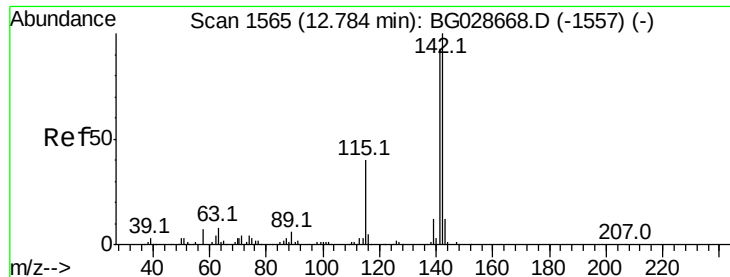
Ion Ratio Lower Upper

107 100

144 22.0 17.4 26.0

142 68.5 54.1 81.1





#37

2-Methylnaphthalene

Concen: 42.889 ng

RT: 12.74 min Scan# 1558

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

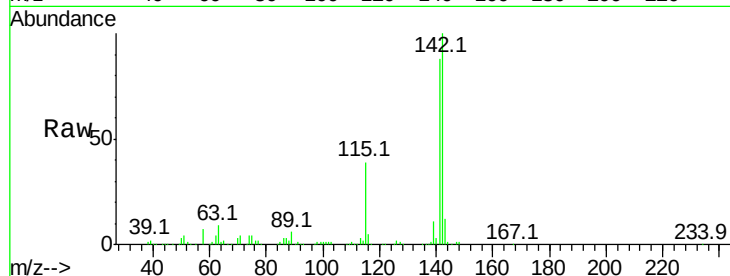
ClientSampleId :

TP-5-COMPMSD

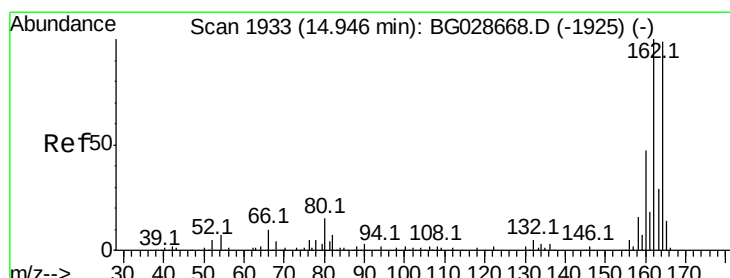
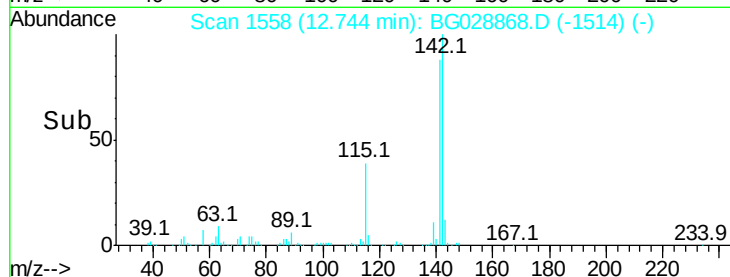
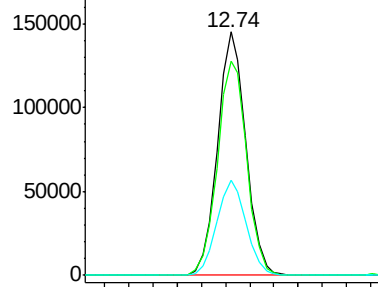
Tot Ion:	142	Resp:	235882
Ion Ratio	Lower	Upper	
142	100		
141	87.7	70.4	105.6
115	39.3	35.5	53.3

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

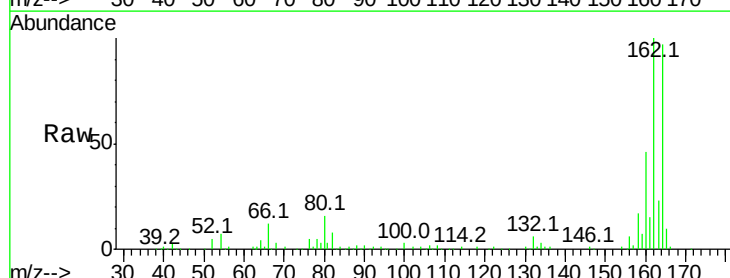
RT: 14.91 min Scan# 1926

Delta R.T. -0.04 min

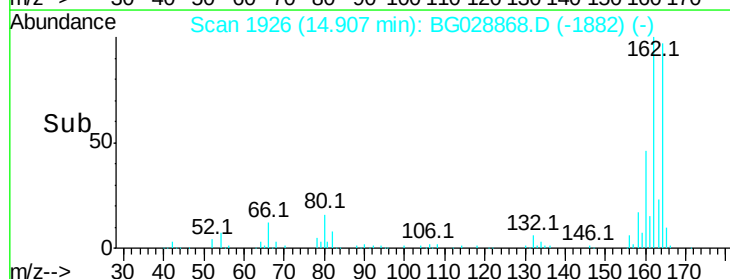
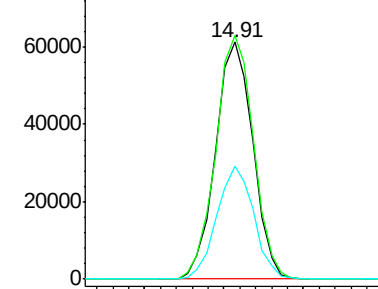
Lab File: BG028868.D

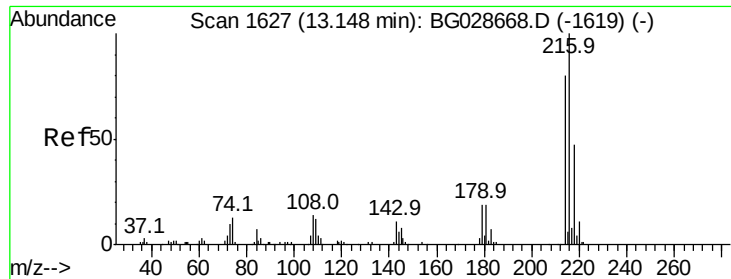
Acq: 21 Sep 2017 21:43

Tgt Ion:	164	Resp:	99996
Ion Ratio	Lower	Upper	
164	100		
162	102.9	85.1	127.7
160	47.6	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





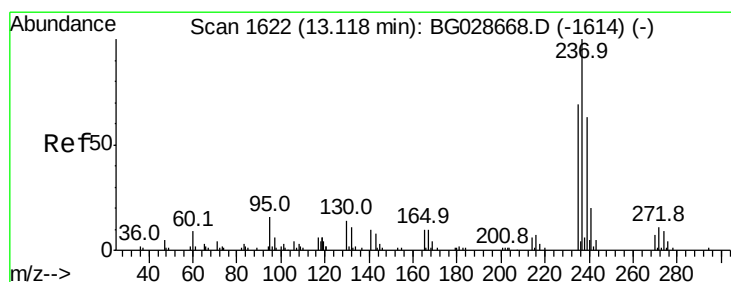
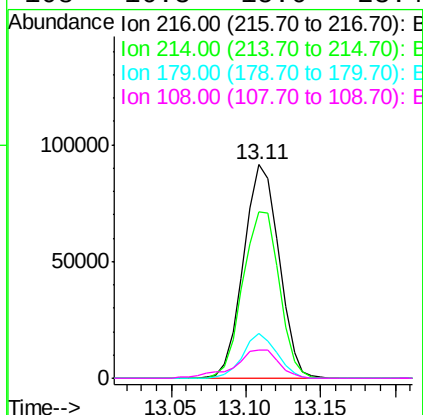
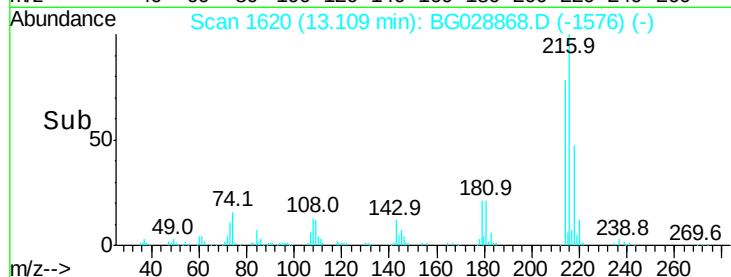
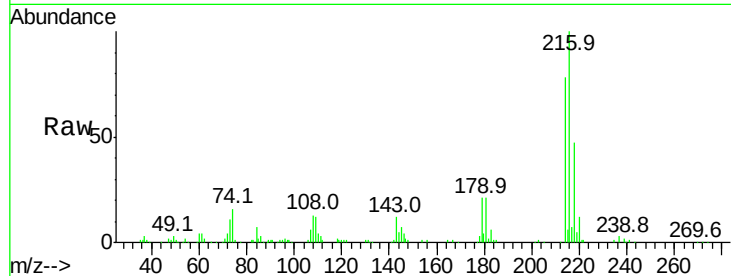
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.522 ng
 RT: 13.11 min Scan# 1620
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	150162		
214	80.3	64.4	96.6	
179	19.9	17.4	26.0	
108	16.3	15.6	23.4	

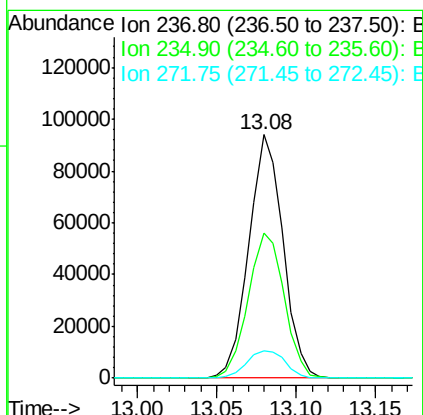
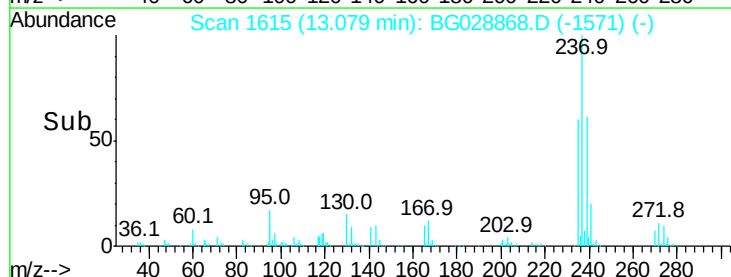
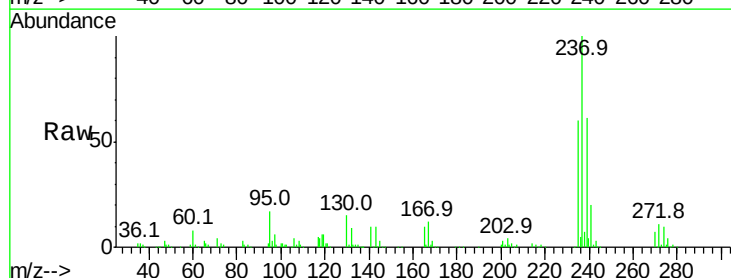
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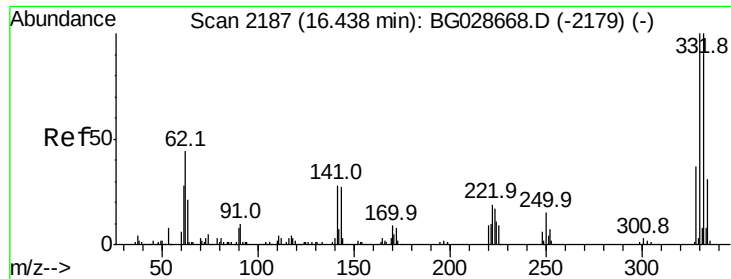
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#40
 Hexachlorocyclopentadiene
 Concen: 87.492 ng
 RT: 13.08 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	141002		
235	59.6	39.4	79.4	
272	11.3	0.0	32.0	





#41

2,4,6-Tribromophenol

Concen: 166.403 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

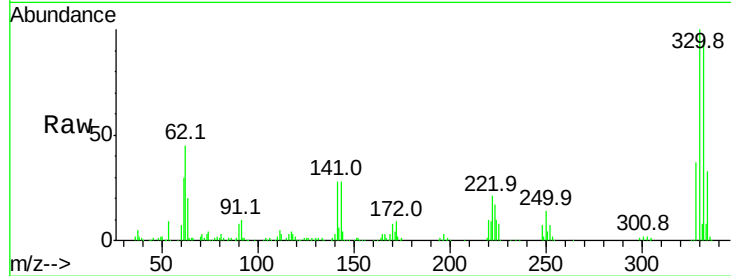
TP-5-COMPMSD

Tot Ion:	330	Resp:	275209
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	29.4	32.1	48.1#

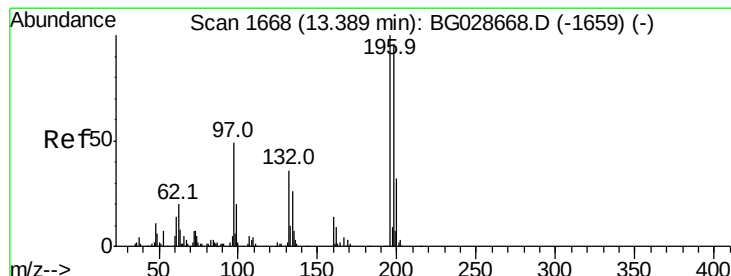
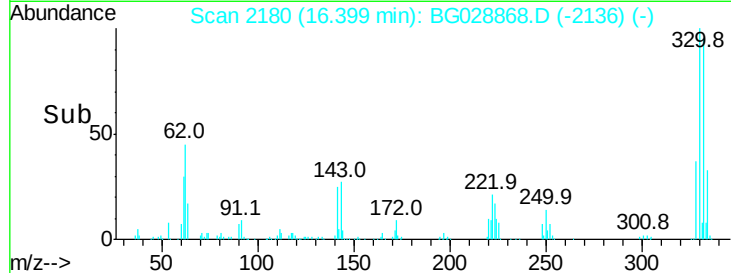
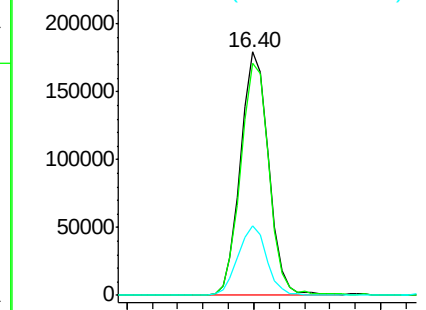
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.290 ng

RT: 13.35 min Scan# 1661

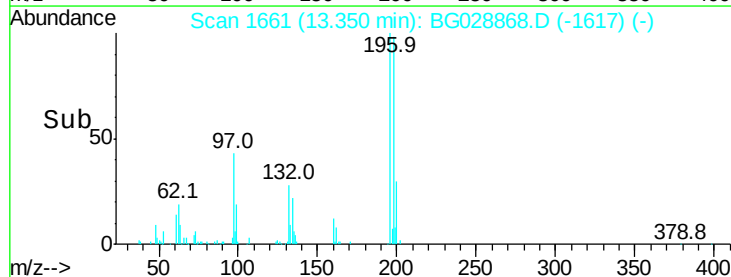
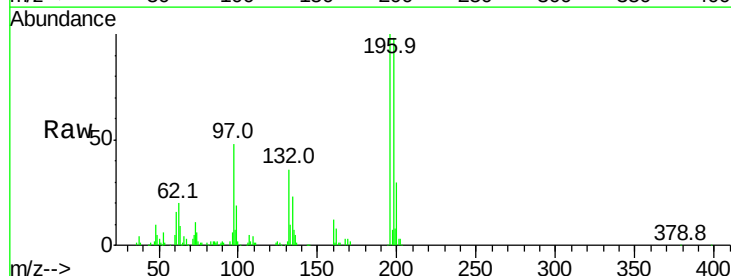
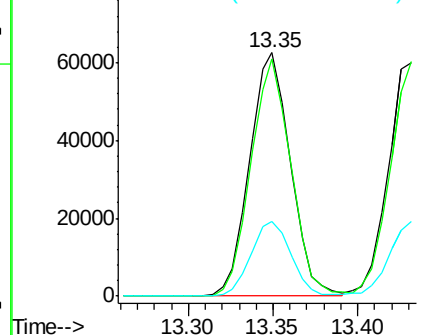
Delta R.T. -0.04 min

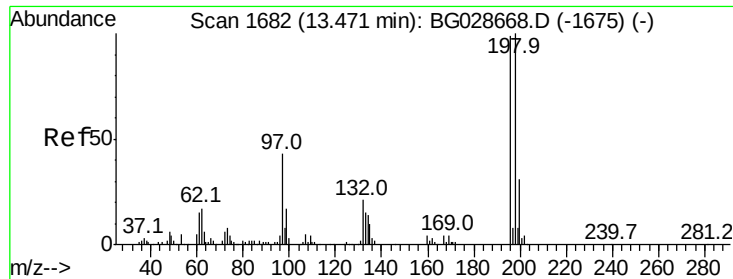
Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	196	Resp:	105139
Ion Ratio	Lower	Upper	
196	100		
198	97.6	81.4	122.2
200	30.4	27.0	40.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





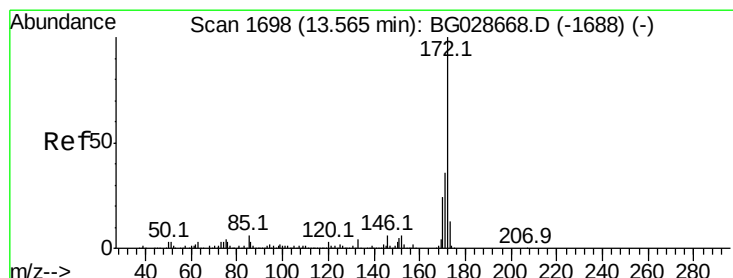
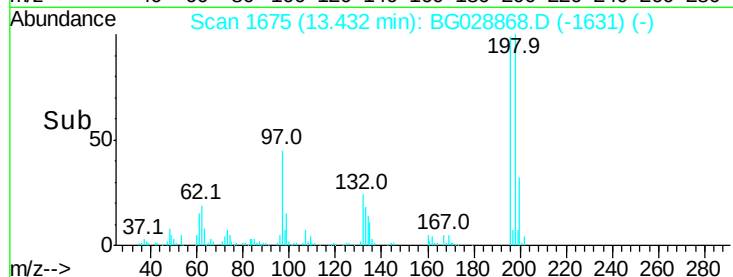
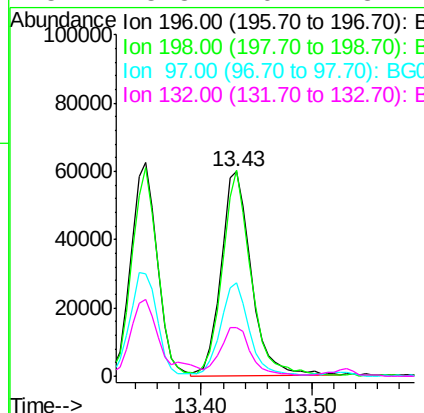
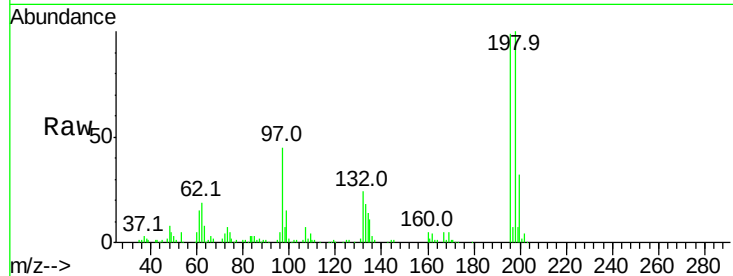
#43
2,4,5-Trichlorophenol
Concen: 43.243 ng
RT: 13.43 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113390		
198	101.0	79.9	119.9	
97	45.4	45.4	68.0	
132	23.8	20.7	31.1	

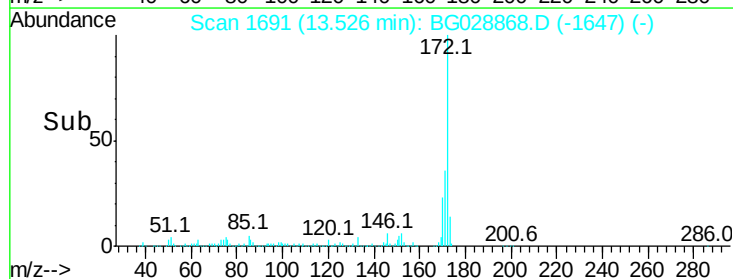
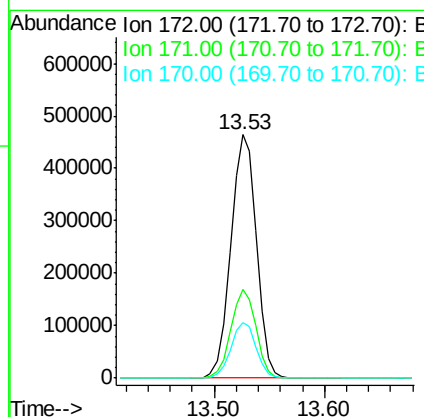
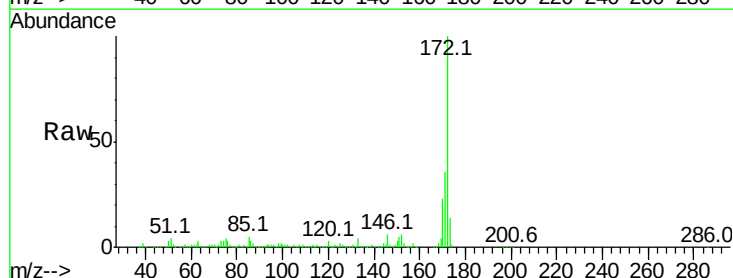
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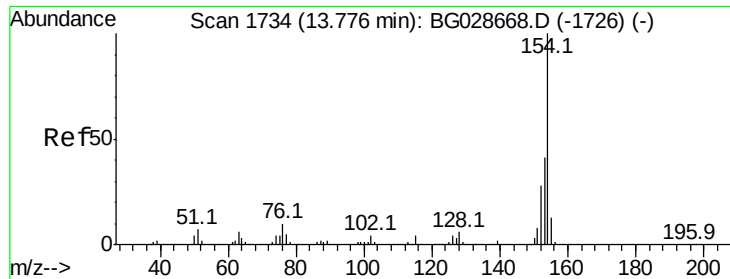
Sohil
9/22/2017 3:59:01 PM



#44
2-Fluorobiphenyl
Concen: 100.143 ng
RT: 13.53 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	750993		
171	36.4	32.2	48.2	
170	23.0	21.8	32.6	





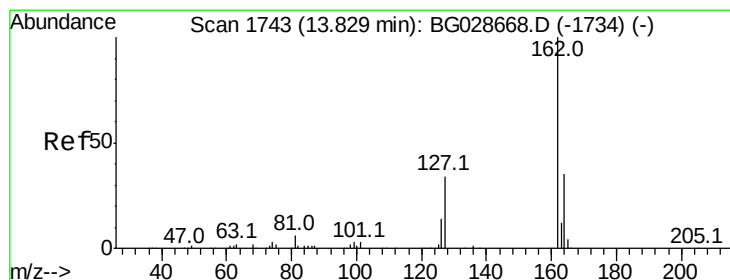
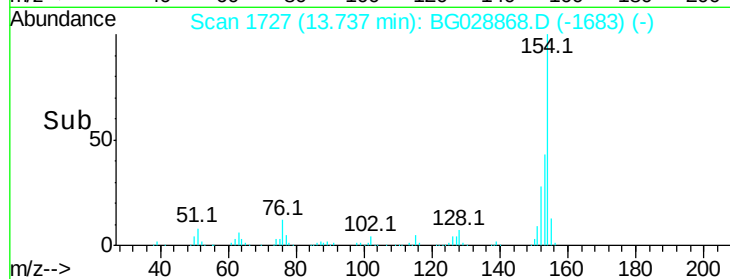
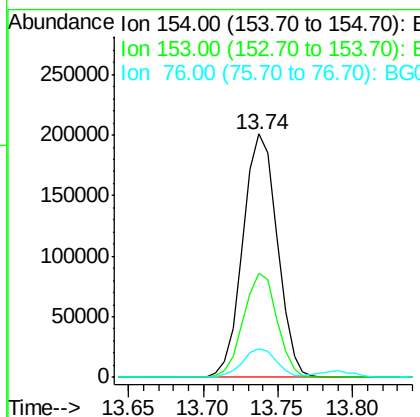
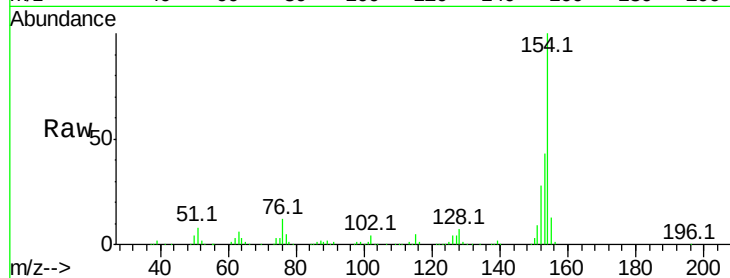
#45
 1,1'-Biphenyl
 Concen: 38.758 ng
 RT: 13.74 min Scan# 1727
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleID :
 TP-5-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.6	23.0	63.0	
76	11.7	0.0	33.5	

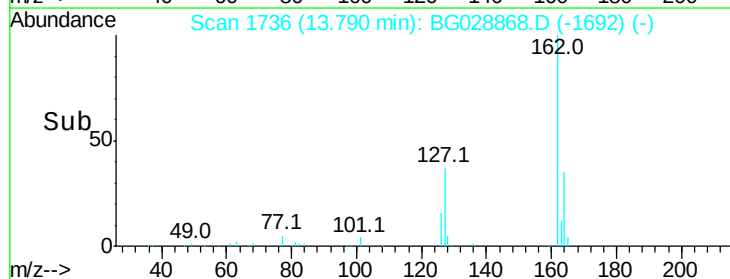
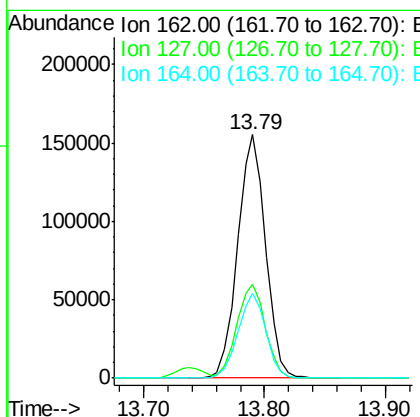
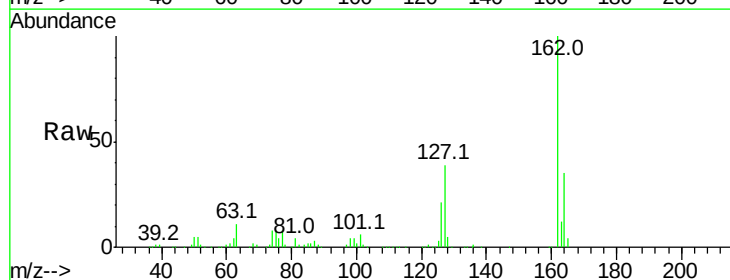
Manual Integrations
 APPROVED

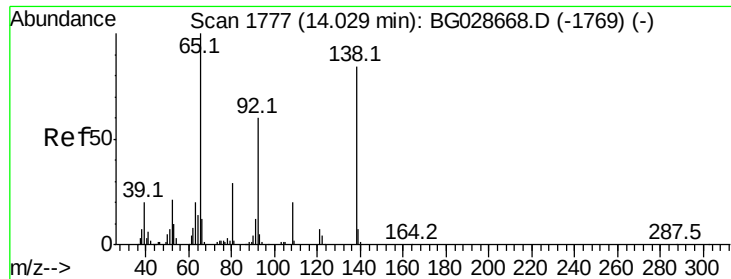
Sohil
 9/22/2017 3:59:01 PM



#46
 2-Chloronaphthalene
 Concen: 41.181 ng
 RT: 13.79 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.6	32.2	48.4	
164	34.8	27.3	40.9	





#47

2-Nitroaniline

Concen: 43.281 ng

RT: 14.00 min Scan# 1771

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

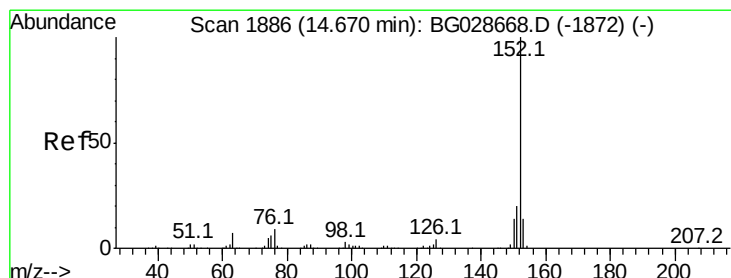
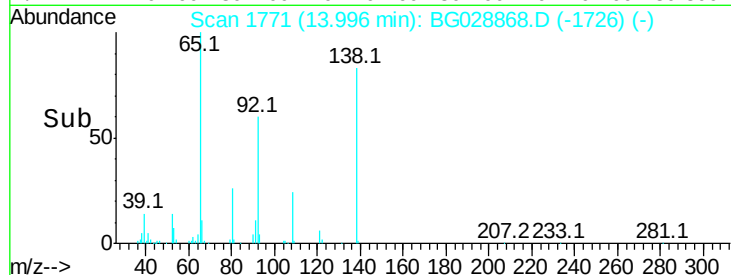
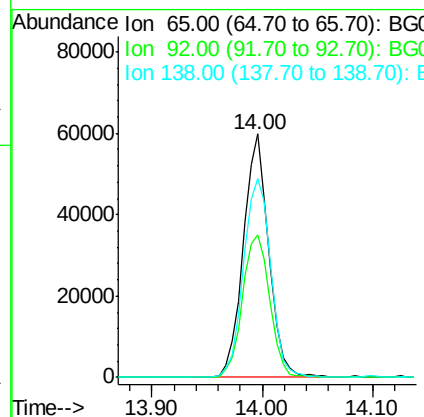
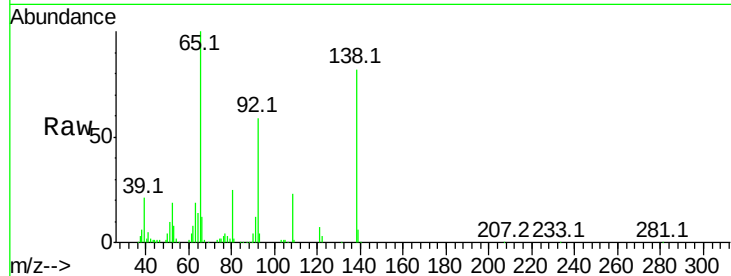
TP-5-COMPMSD

Tot Ion:	65	Resp:	97136
Ion Ratio	Lower	Upper	
65	100		
92	58.5	49.0	73.4
138	81.5	58.6	87.8

Manual Integrations
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#48

Acenaphthylene

Concen: 41.296 ng

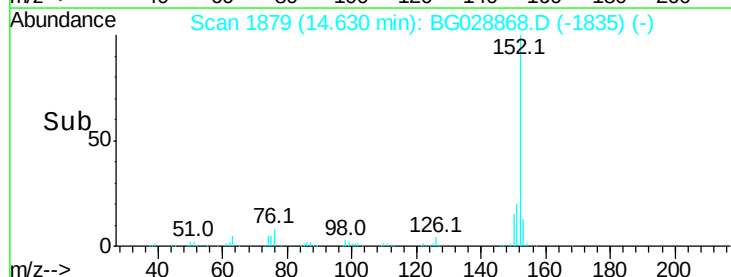
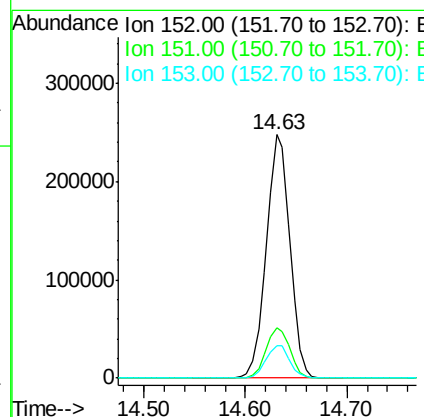
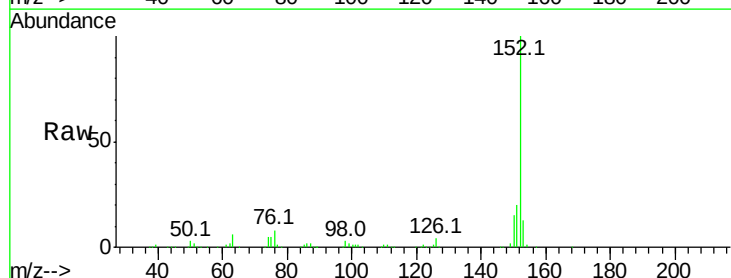
RT: 14.63 min Scan# 1879

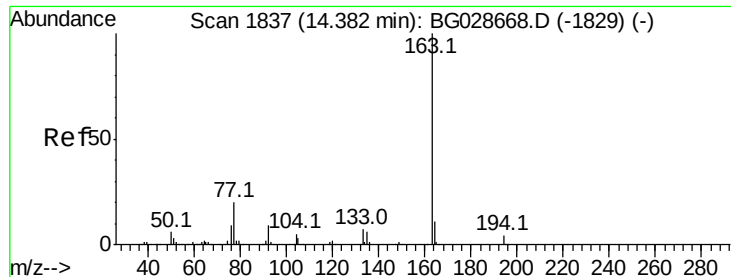
Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	152	Resp:	398412
Ion Ratio	Lower	Upper	
152	100		
151	20.4	18.2	27.2
153	13.5	11.3	16.9





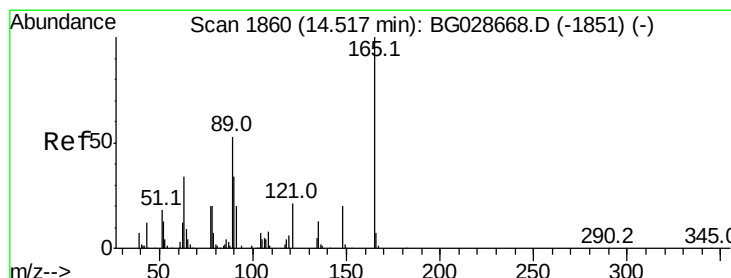
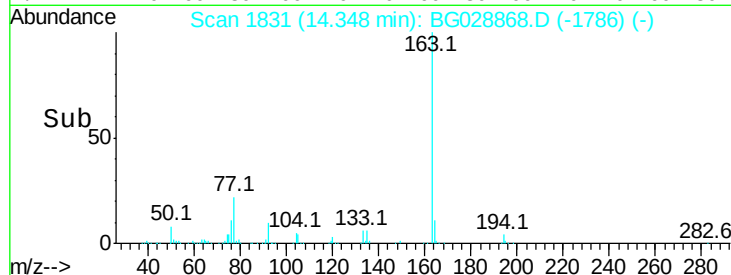
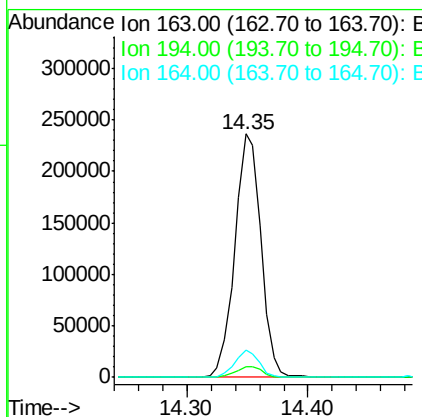
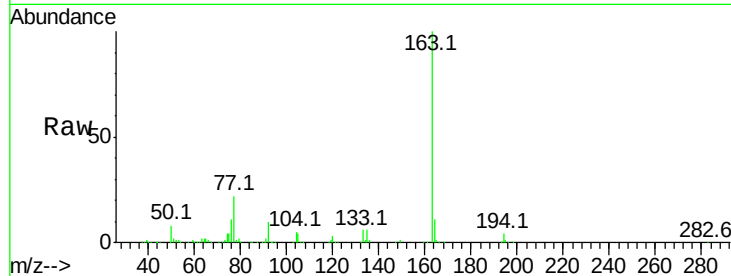
#49
Dimethylphthalate
Concen: 42.421 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	3.8	5.6	
164	11.4	9.3	13.9	

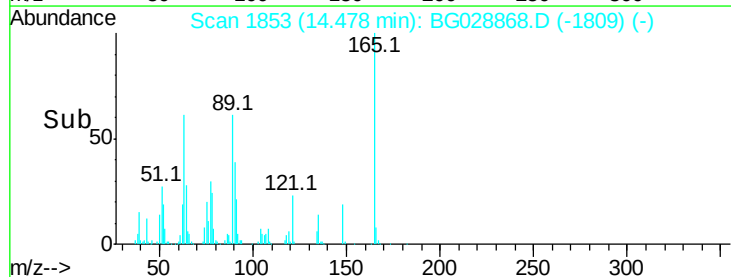
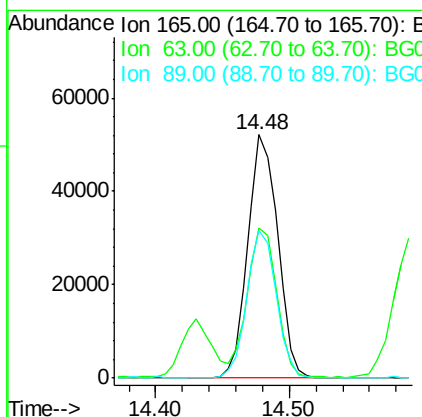
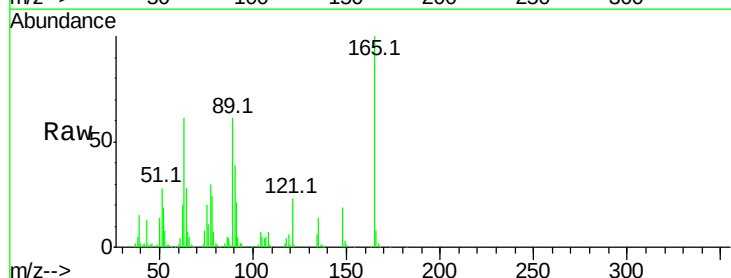
Manual Integrations
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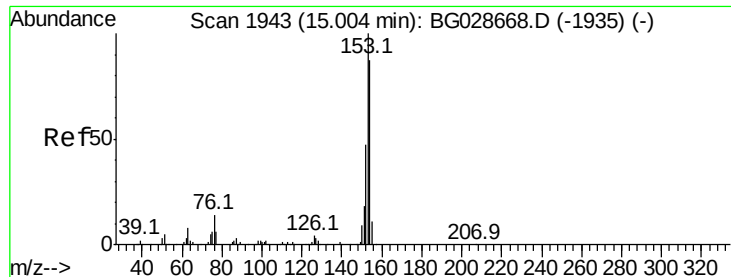
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.171 ng
RT: 14.48 min Scan# 1853
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.5	63.9	95.9#	
89	60.8	58.6	88.0	





#51

Acenaphthene

Concen: 41.551 ng

RT: 14.97 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

TP-5-COMPMSD

Tot Ion:154 Resp: 243515

Ion Ratio Lower Upper

154 100

153 117.9 87.8 131.6

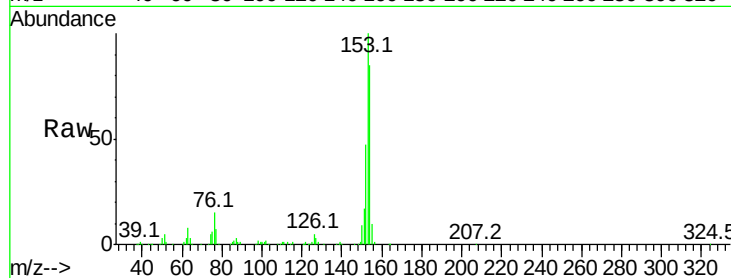
152 55.7 42.2 63.4

Manual Integrations

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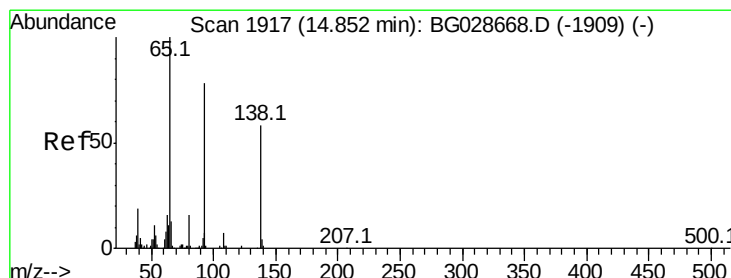
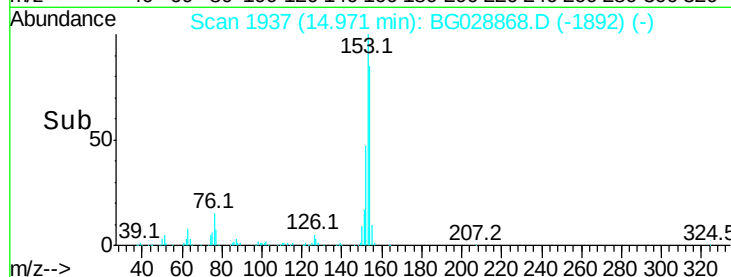
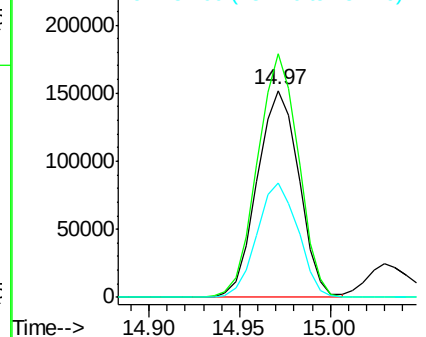
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.239 ng

RT: 14.82 min Scan# 1911

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

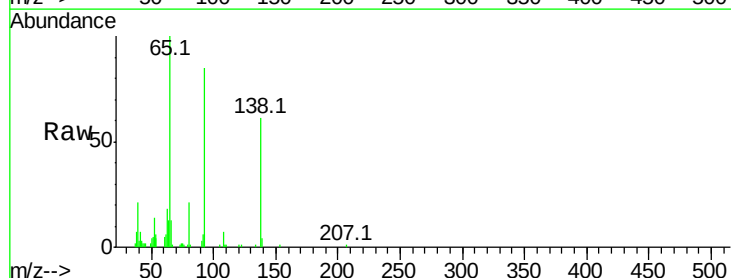
Tgt Ion:138 Resp: 23494

Ion Ratio Lower Upper

138 100

108 11.4 10.9 16.3

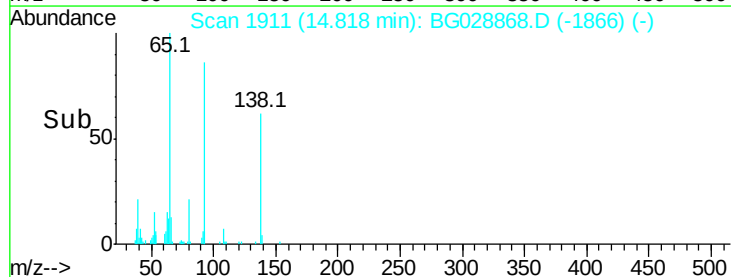
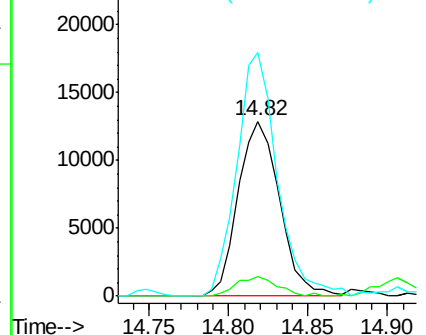
92 139.2 115.3 172.9

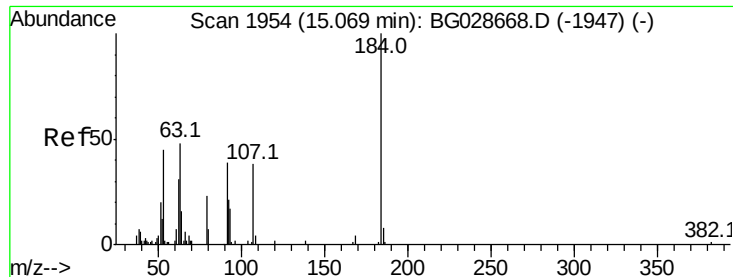


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





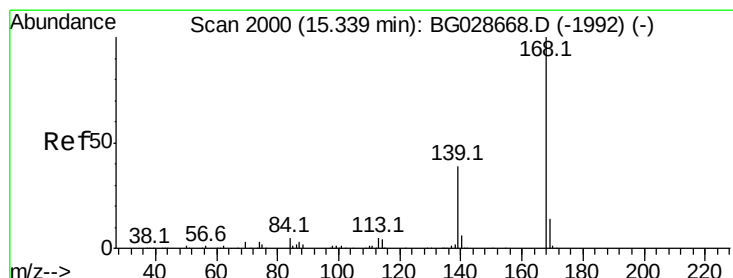
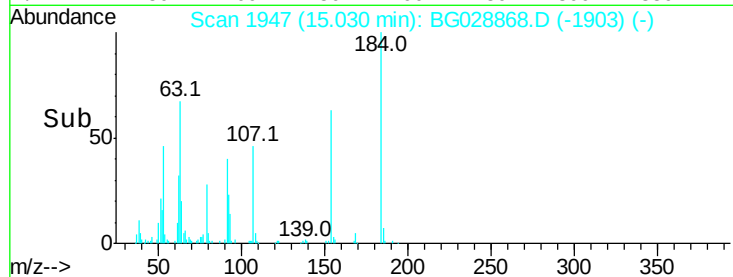
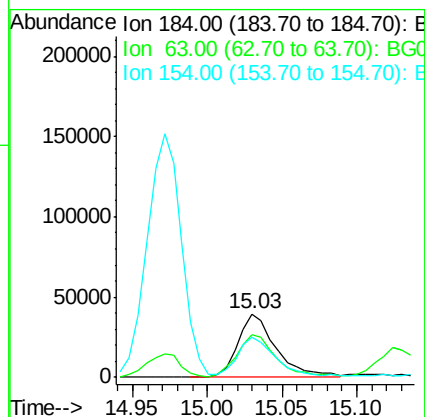
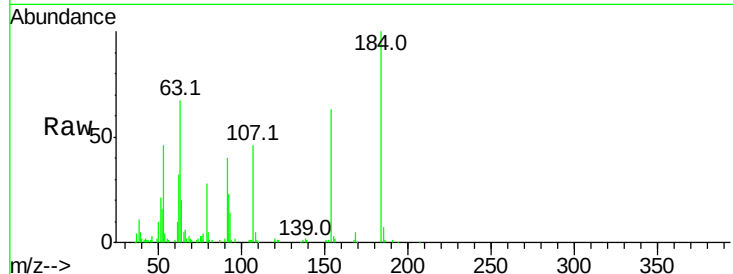
#53
2,4-Dinitrophenol
Concen: 72.057 ng
RT: 15.03 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.7	52.7	79.1
154	63.0	57.3	85.9

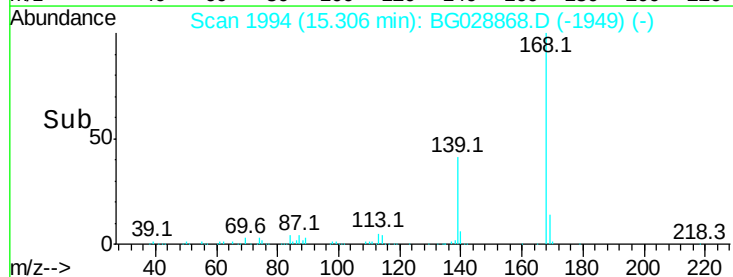
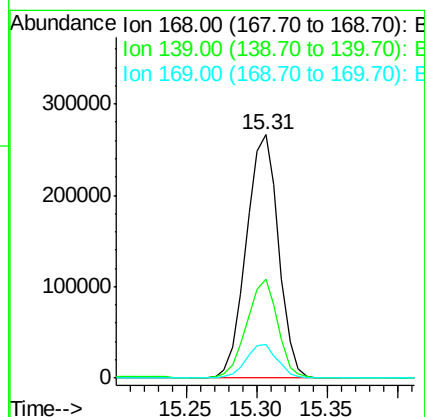
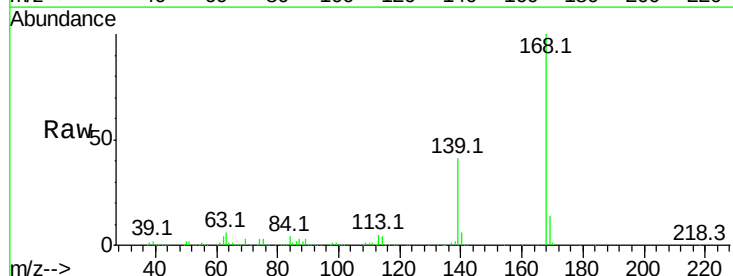
Manual Integrations
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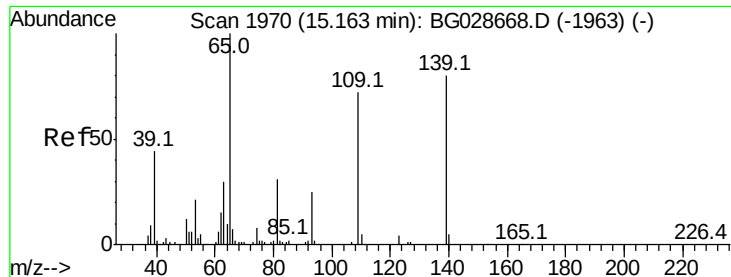
Sohil
9/22/2017 3:59:01 PM



#54
Dibenzofuran
Concen: 45.492 ng
RT: 15.31 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	35.3	52.9
169	13.9	11.5	17.3





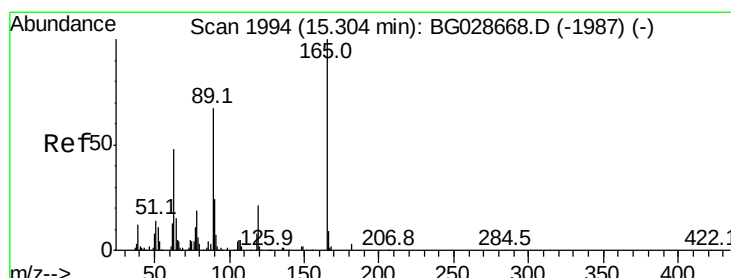
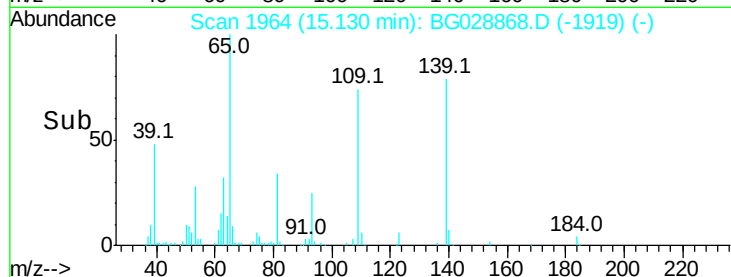
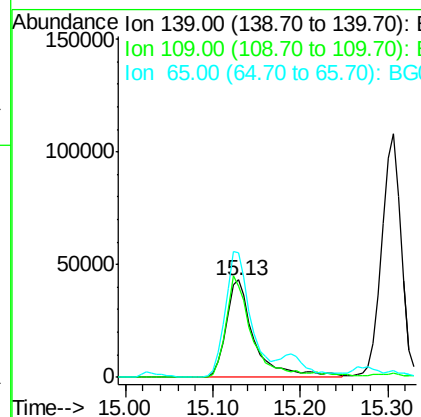
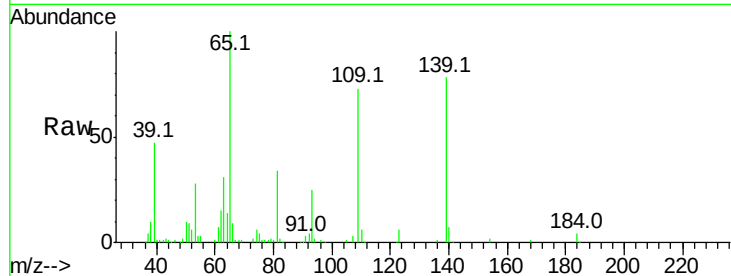
#55
4-Nitrophenol
Concen: 78.648 ng
RT: 15.13 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	93.5	101.2	141.2#
65	127.7	135.3	175.3#

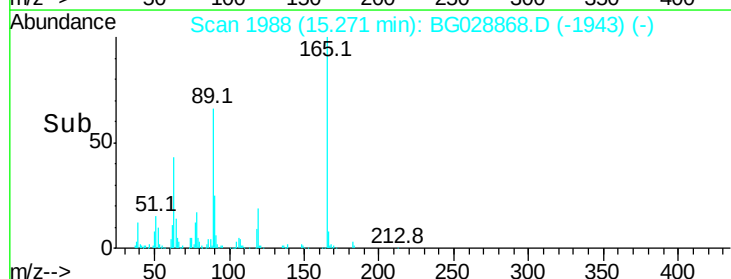
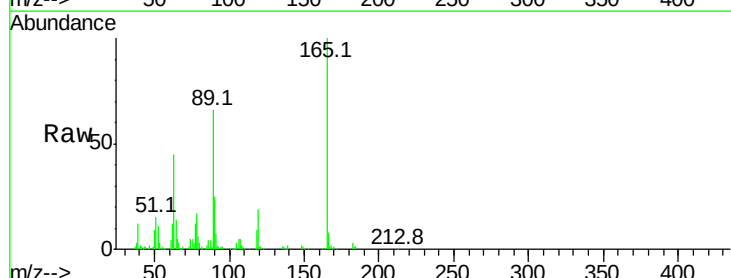
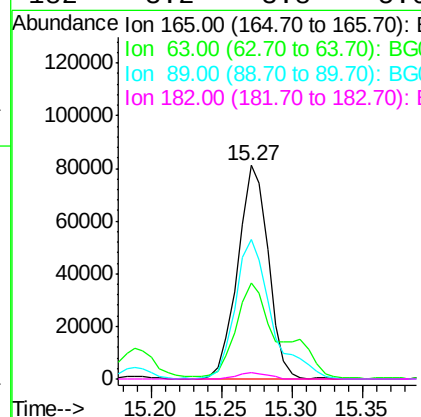
Manual Integrations
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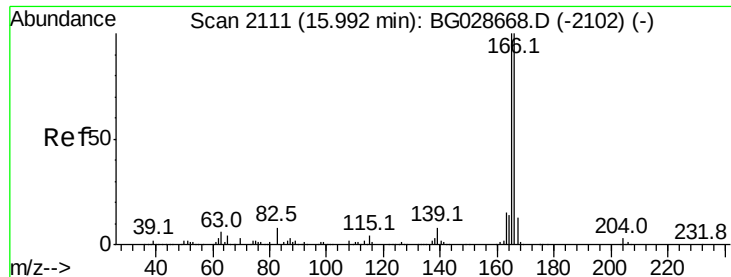
Sohil
9/22/2017 3:59:01 PM



#56
2,4-Dinitrotoluene
Concen: 46.862 ng
RT: 15.27 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.1	44.0	66.0
89	65.5	67.3	100.9#
182	3.2	3.8	5.6#





#57

Fluorene

Concen: 43.094 ng

RT: 15.95 min Scan# 2104

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

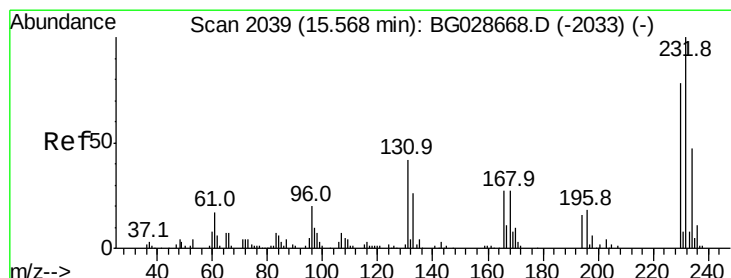
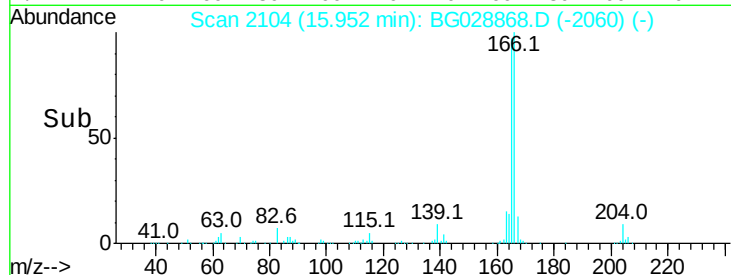
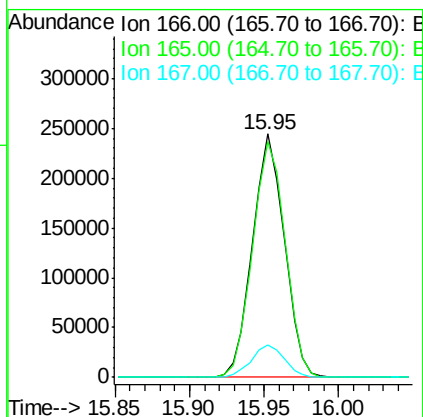
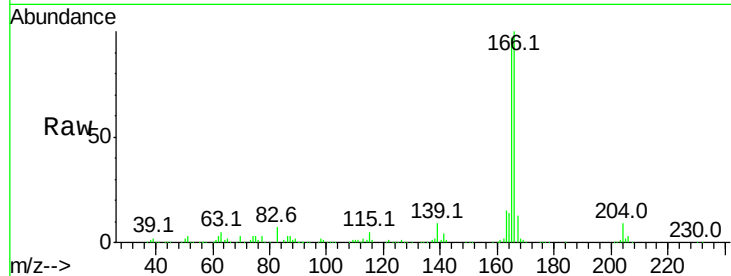
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	166	Resp:	359572
Ion Ratio	Lower	Upper	
166	100		
165	96.7	78.6	117.8
167	13.4	11.6	17.4

Manual Integrations
APPROVED

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.077 ng

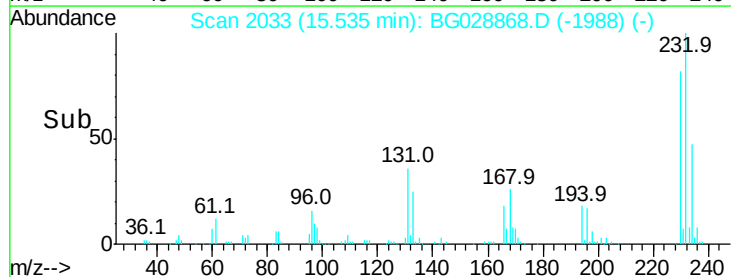
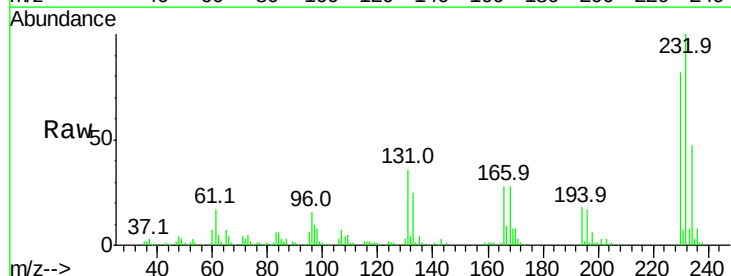
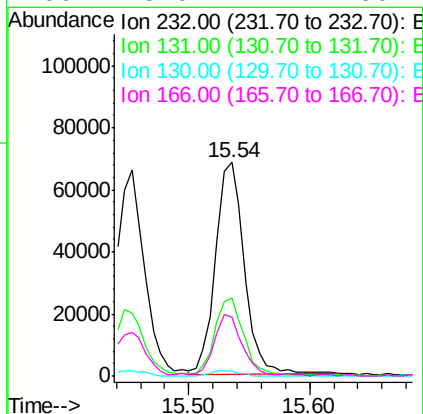
RT: 15.54 min Scan# 2033

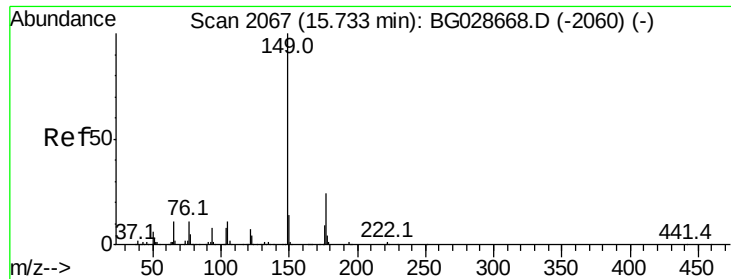
Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	232	Resp:	113418
Ion Ratio	Lower	Upper	
232	100		
131	35.1	34.9	52.3
130	2.6	2.3	3.5
166	28.0	24.2	36.4





#59

Diethylphthalate

Concen: 43.635 ng

RT: 15.71 min Scan# 2062

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

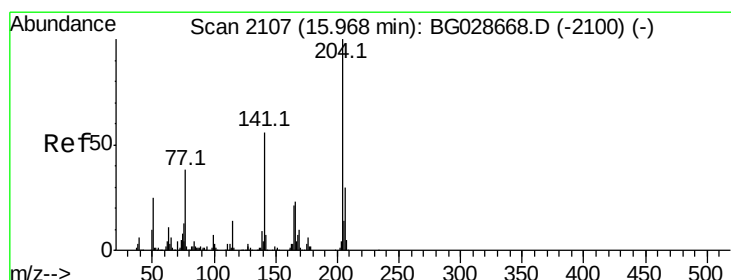
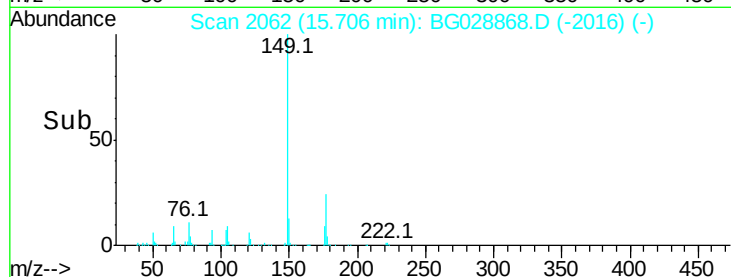
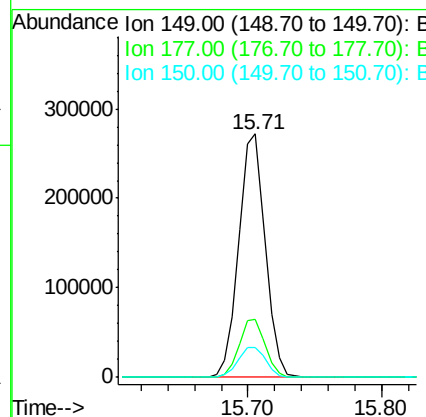
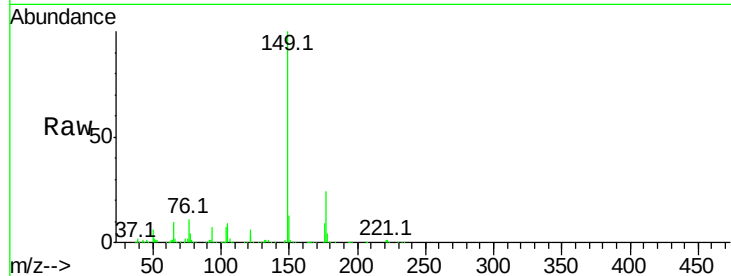
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	149	Resp:	376009
Ion Ratio	Lower	Upper	
149	100		
177	23.6	20.1	30.1
150	12.5	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 43.448 ng

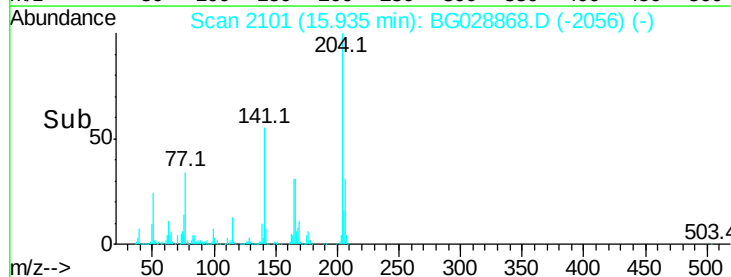
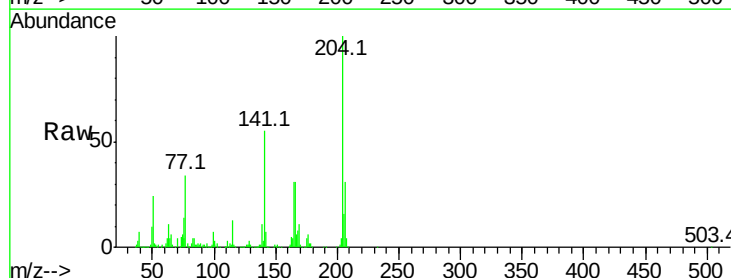
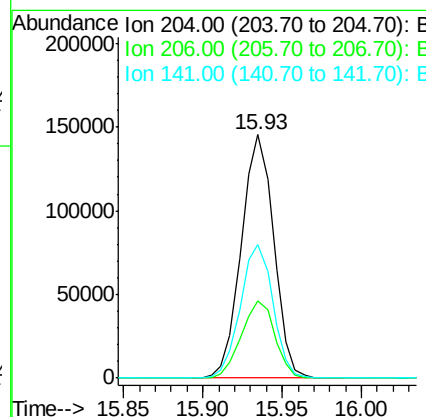
RT: 15.93 min Scan# 2101

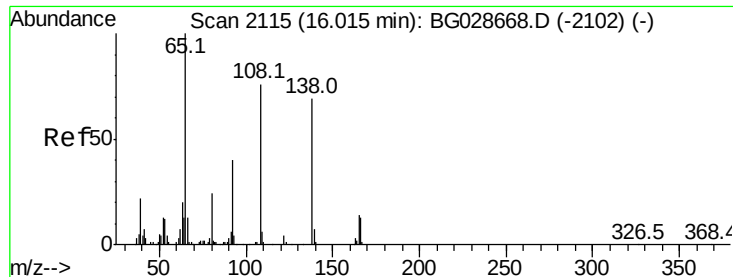
Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	204	Resp:	206427
Ion Ratio	Lower	Upper	
204	100		
206	31.5	30.1	45.1
141	55.1	50.6	76.0





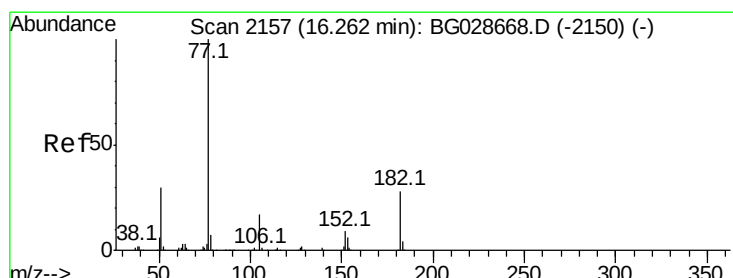
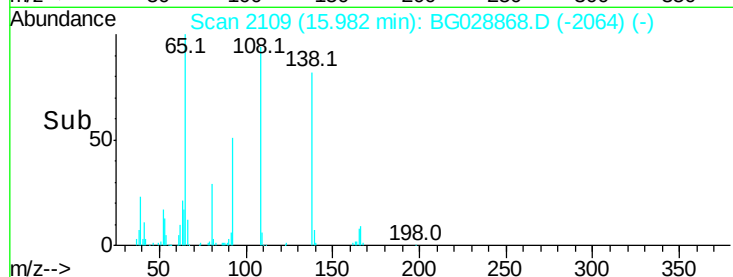
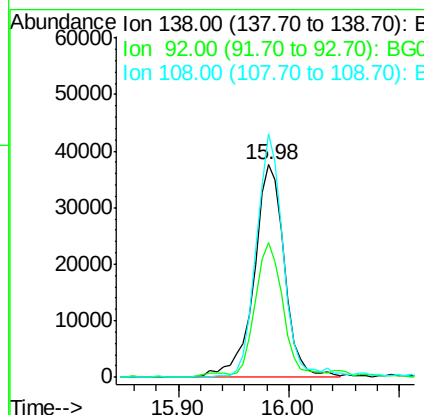
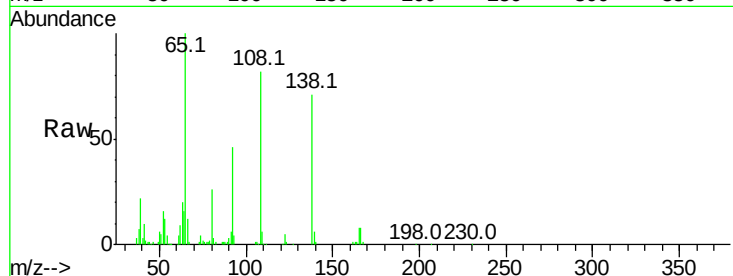
#61
4-Nitroaniline
Concen: 41.654 ng
RT: 15.98 min Scan# 2109
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.7	44.2	84.2
108	114.6	104.8	144.8

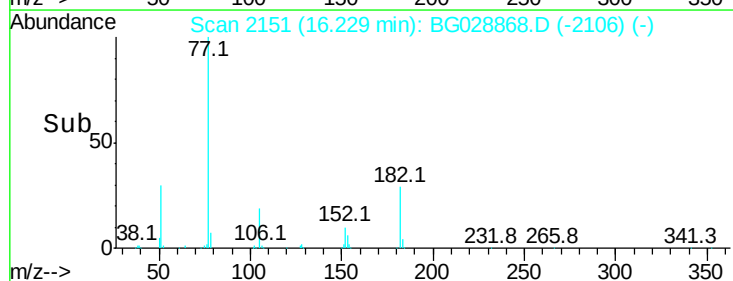
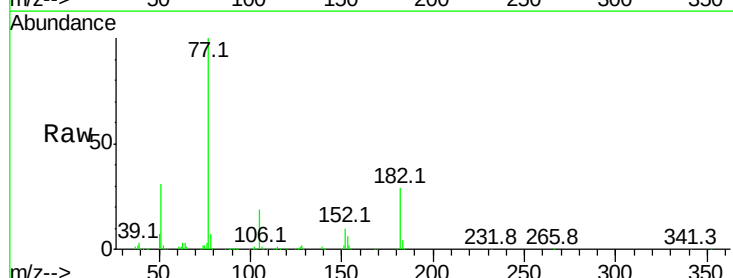
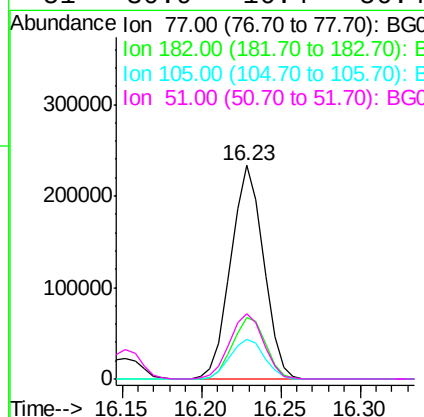
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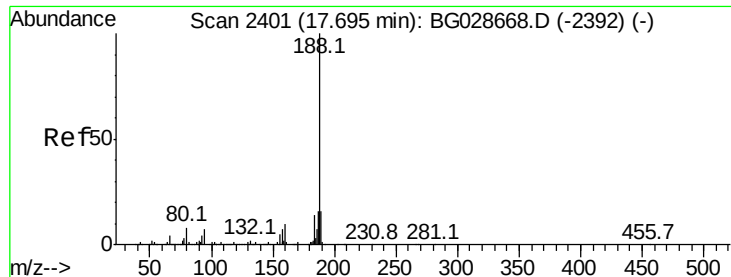
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#62
Azobenzene
Concen: 46.068 ng
RT: 16.23 min Scan# 2151
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	4.7	44.7
105	18.8	0.0	36.3
51	30.9	16.4	56.4





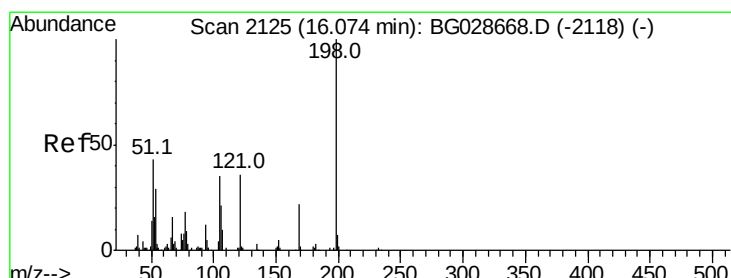
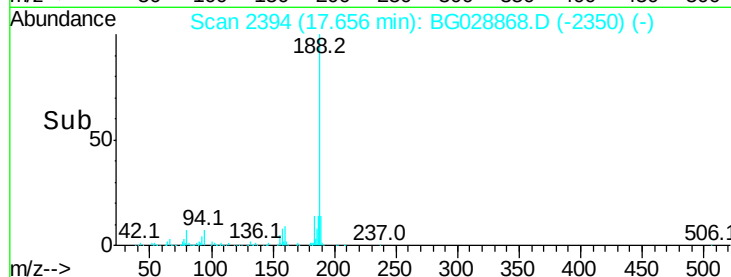
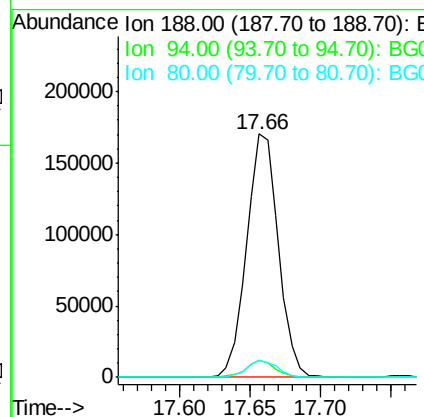
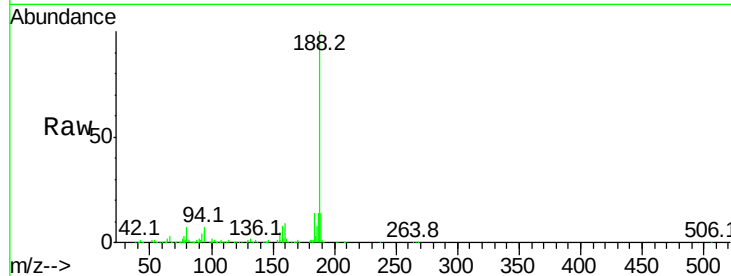
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	267386		
94	6.9		5.8	8.8
80	7.0		7.5	11.3#

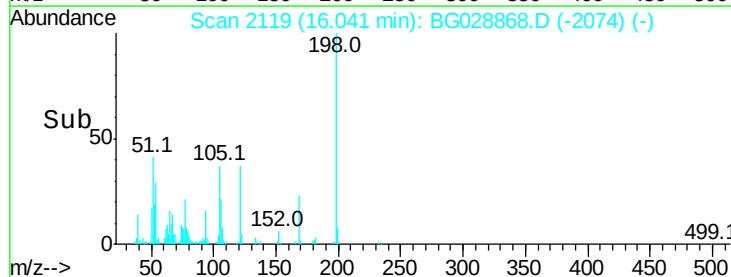
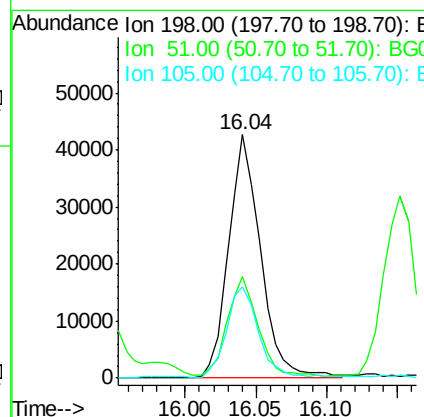
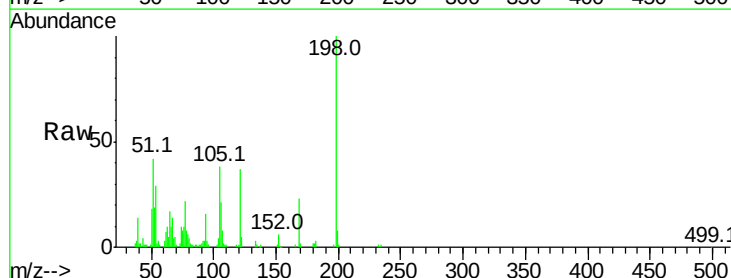
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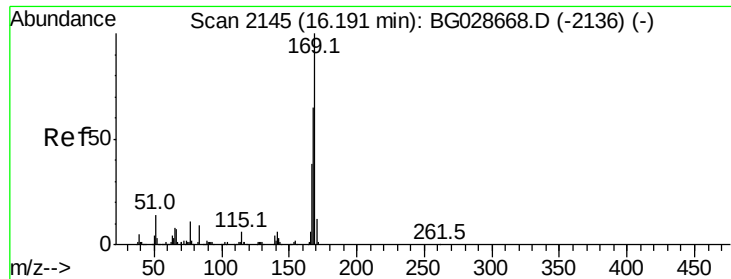
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.186 ng
RT: 16.04 min Scan# 2119
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67610		
51	41.6		22.6	62.6
105	37.5		14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 41.364 ng

RT: 16.15 min Scan# 2138

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

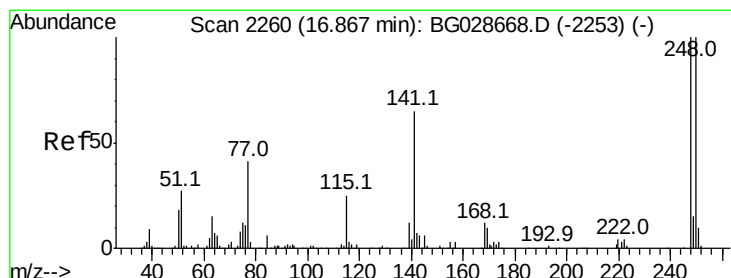
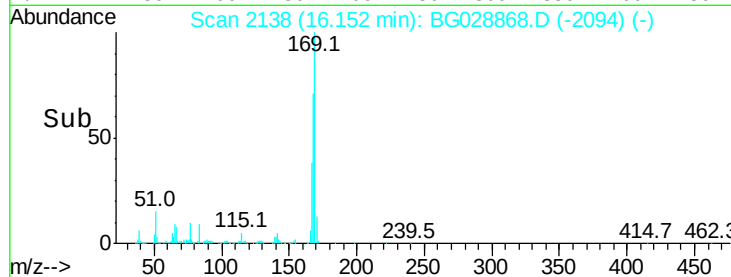
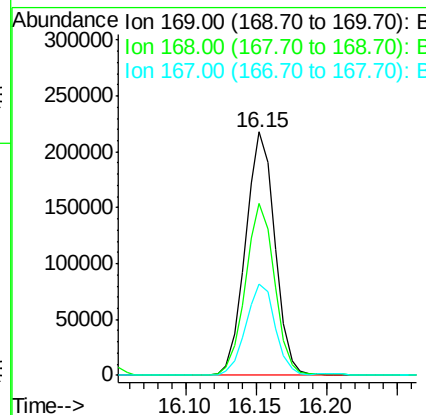
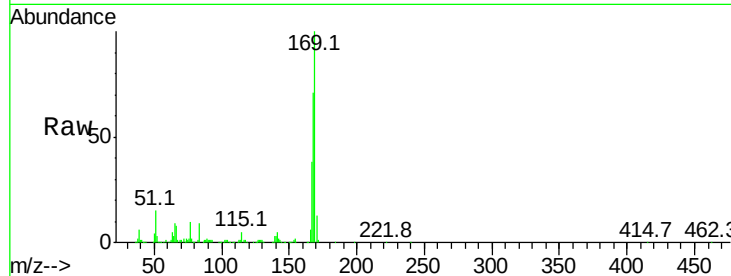
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	169	Resp:	317060
Ion Ratio	Lower	Upper	
169	100		
168	70.8	55.7	83.5
167	37.6	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 41.528 ng

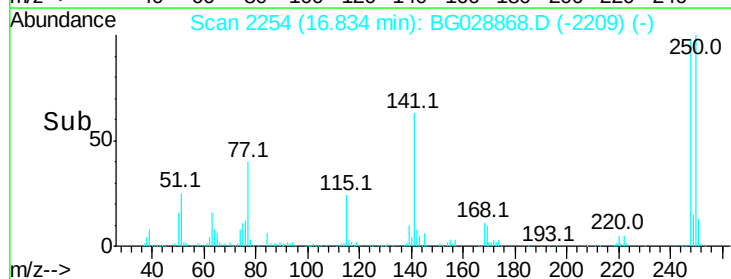
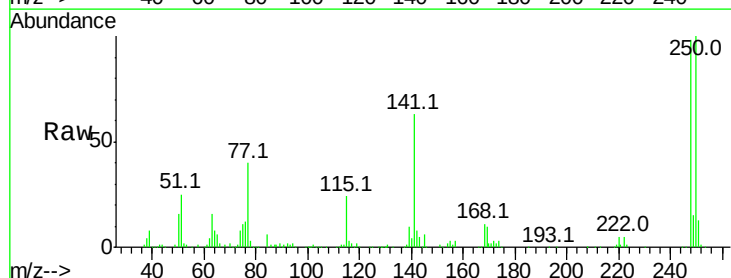
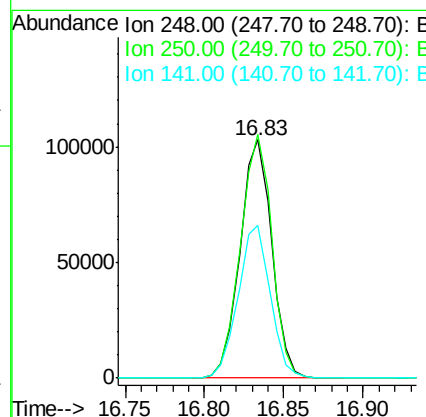
RT: 16.83 min Scan# 2254

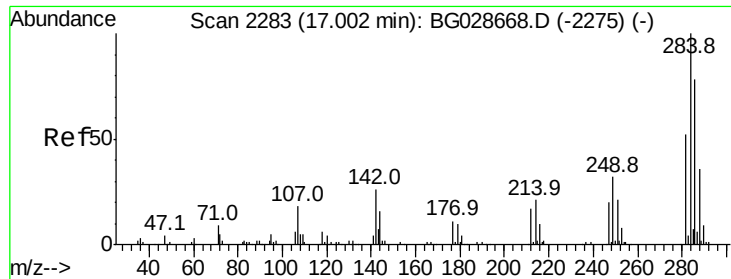
Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	248	Resp:	142878
Ion Ratio	Lower	Upper	
248	100		
250	102.1	75.0	112.6
141	64.3	55.2	82.8





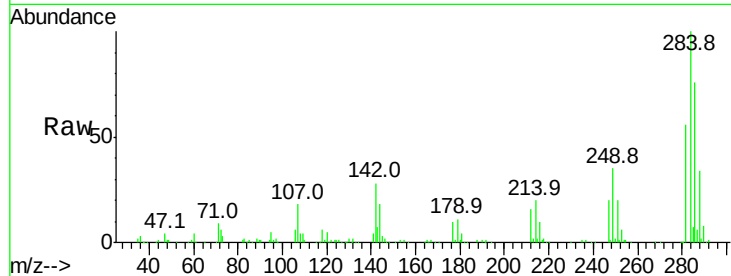
#67
Hexachlorobenzene
Concen: 39.356 ng
RT: 16.96 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

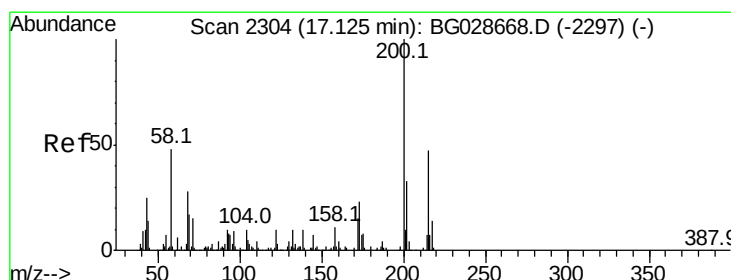
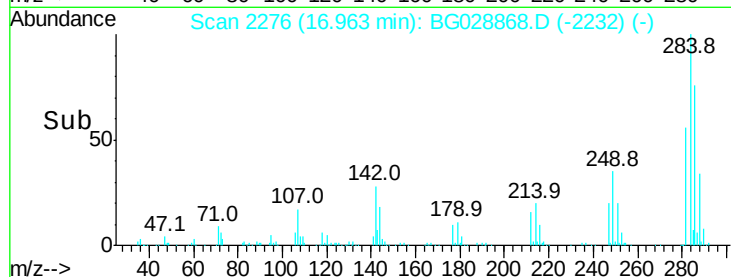
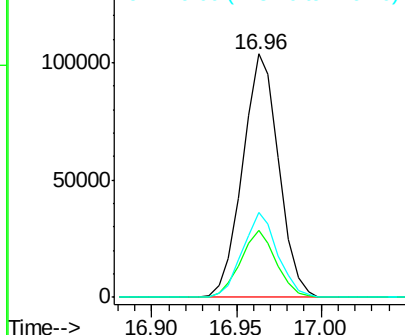
Tot Ion	Ratio	Resp	Lower	Upper
284	100	154112		
142	27.7	29.9	44.9#	
249	35.0	29.2	43.8	

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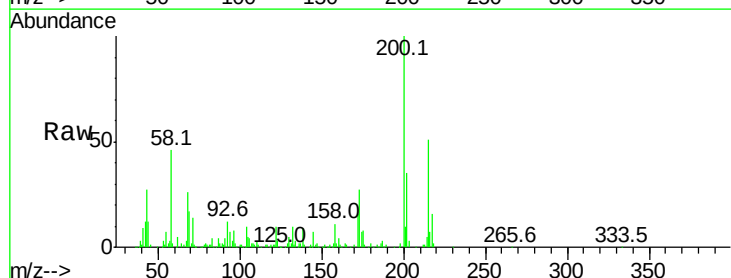


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

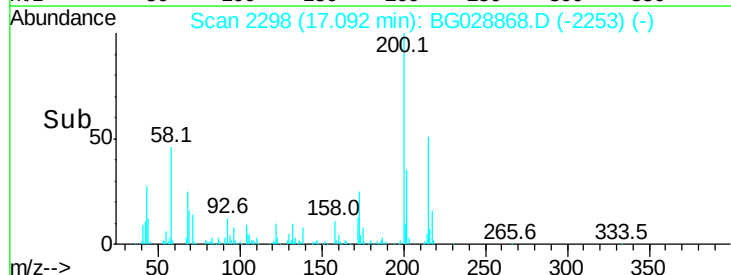
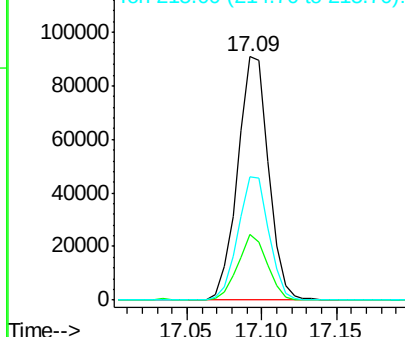


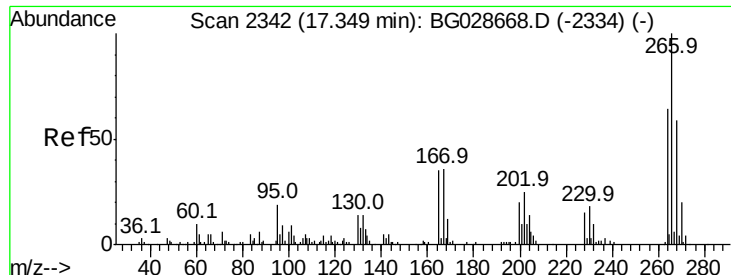
#68
Atrazine
Concen: 39.659 ng
RT: 17.09 min Scan# 2298
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	130524		
173	27.0	3.0	43.0	
215	50.8	28.4	68.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





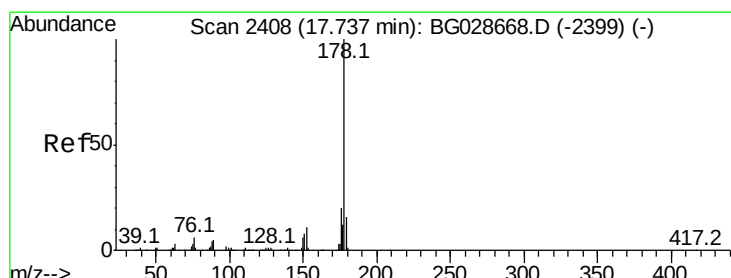
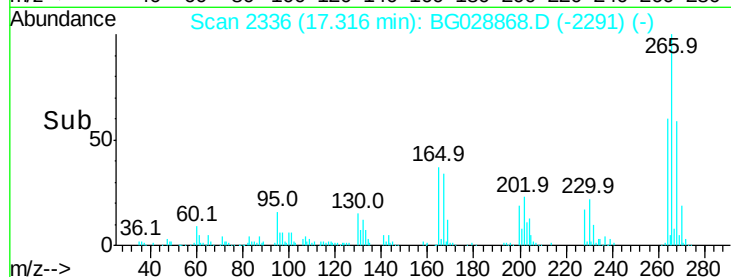
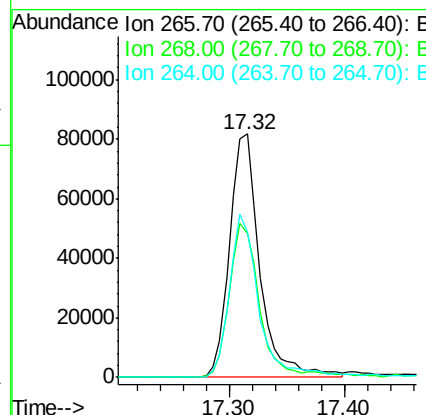
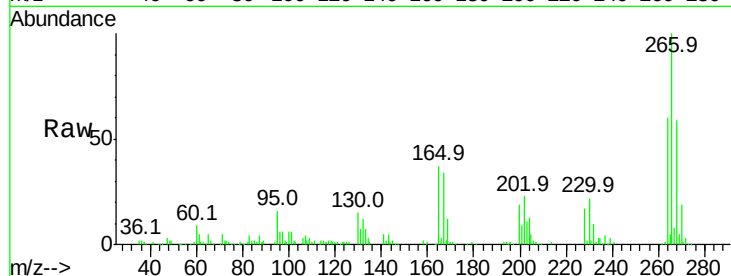
#69
 Pentachlorophenol
 Concen: 84.101 ng
 RT: 17.32 min Scan# 2336
 Delta R.T. -0.03 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	148796		
268	58.9	48.6	72.8	
264	59.6	50.1	75.1	

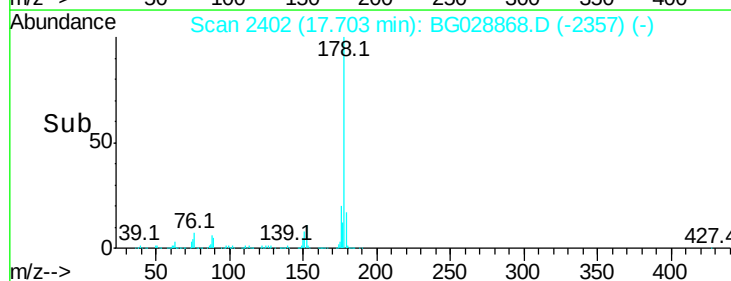
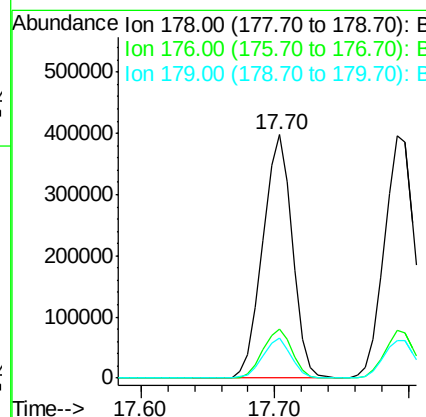
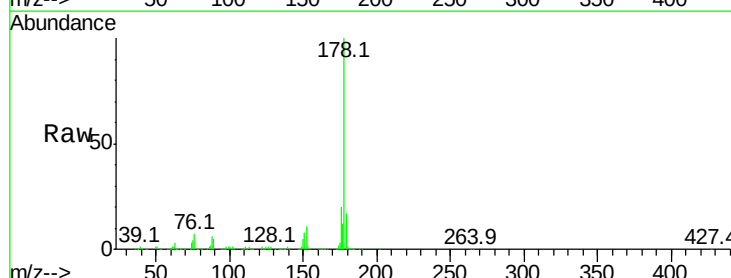
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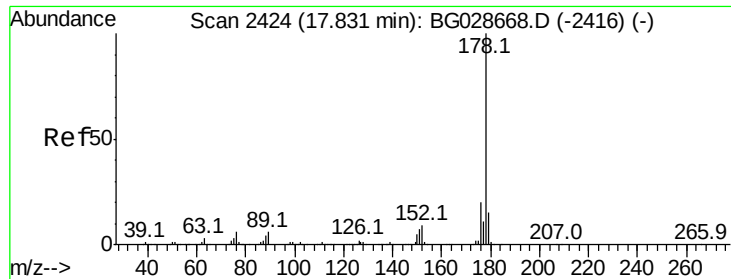
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#70
 Phenanthrene
 Concen: 44.436 ng
 RT: 17.70 min Scan# 2402
 Delta R.T. -0.03 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	607604		
176	19.9	17.7	26.5	
179	16.5	15.0	22.6	





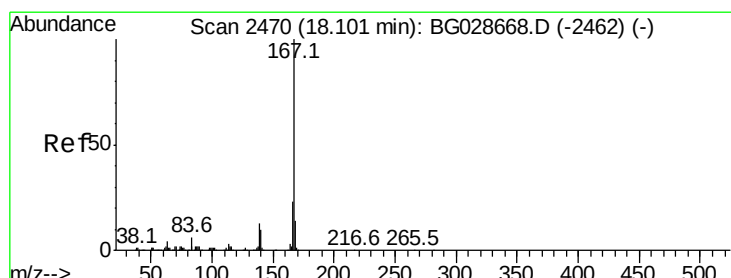
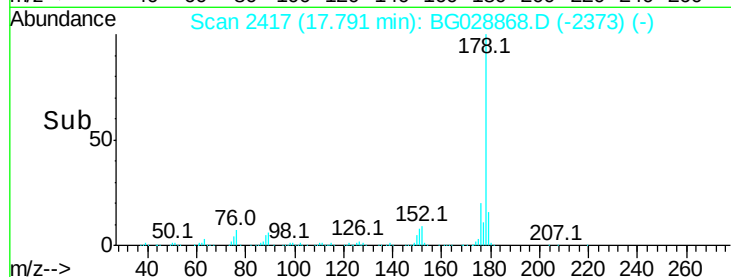
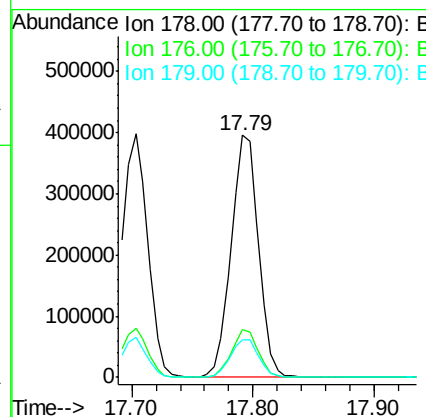
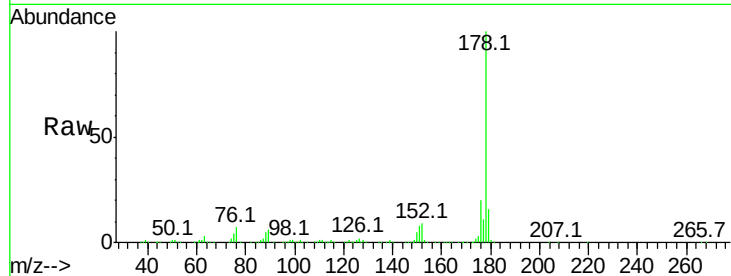
#71
 Anthracene
 Concen: 44.836 ng
 RT: 17.79 min Scan# 2417
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	15.7	13.8	20.8

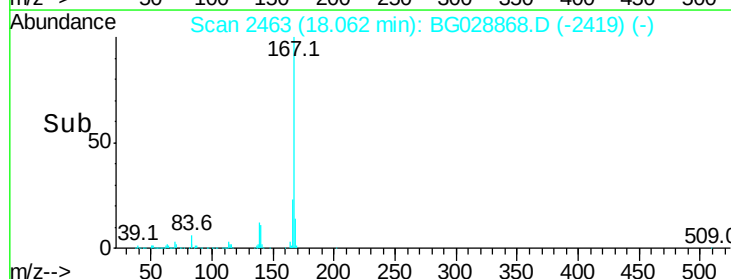
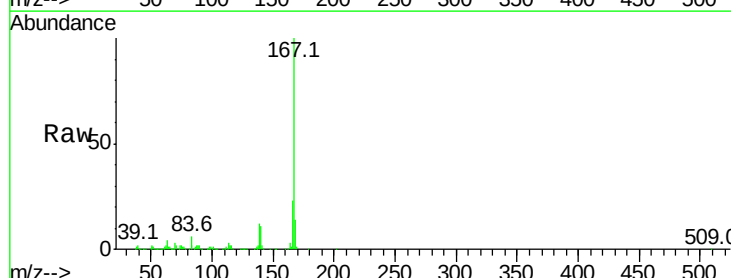
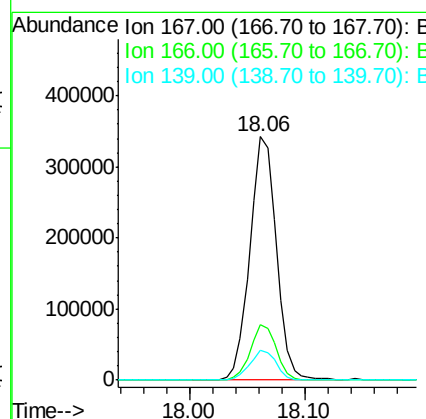
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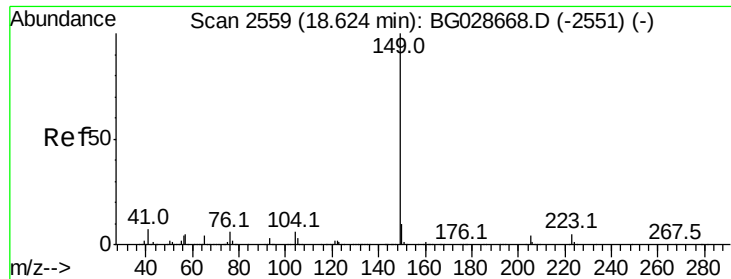
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#72
 Carbazole
 Concen: 44.057 ng
 RT: 18.06 min Scan# 2463
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	20.2	30.2
139	12.4	12.8	19.2#





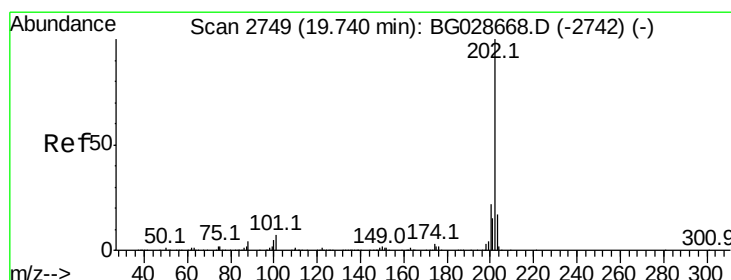
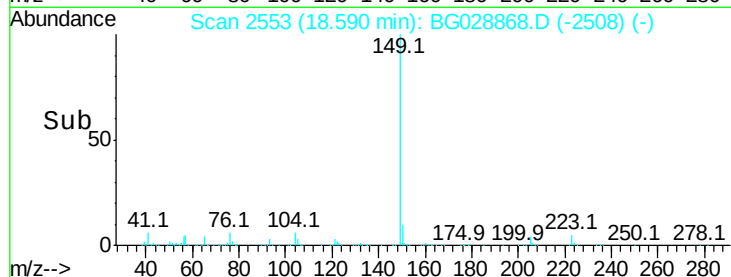
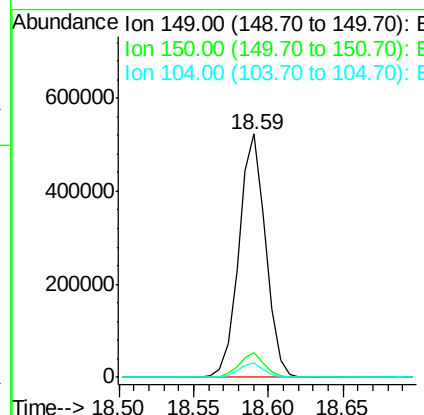
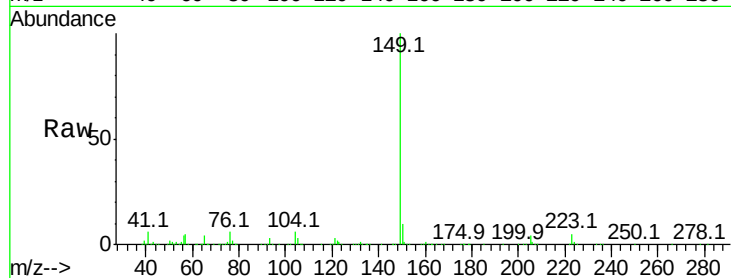
#73
Di-n-butylphthalate
Concen: 42.607 ng
RT: 18.59 min Scan# 2553
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	10.1	9.1	13.7
104	5.8	6.7	10.1

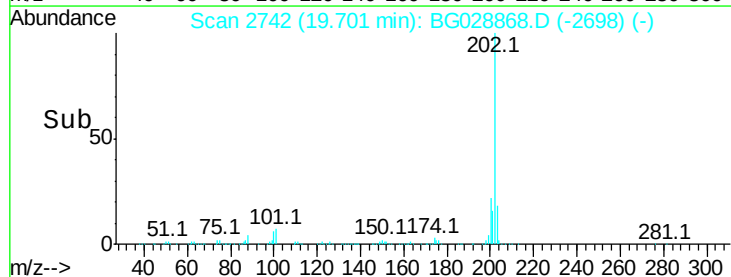
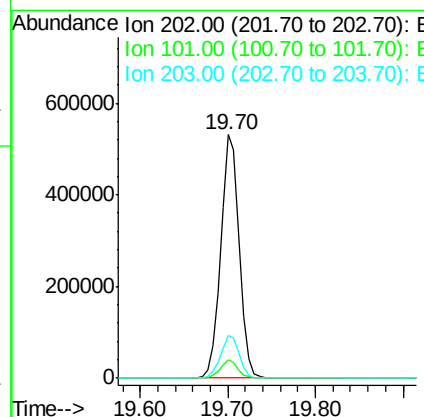
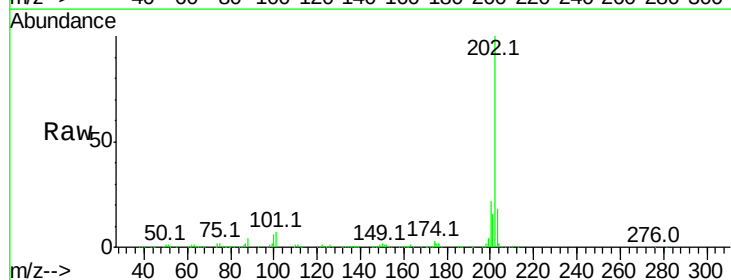
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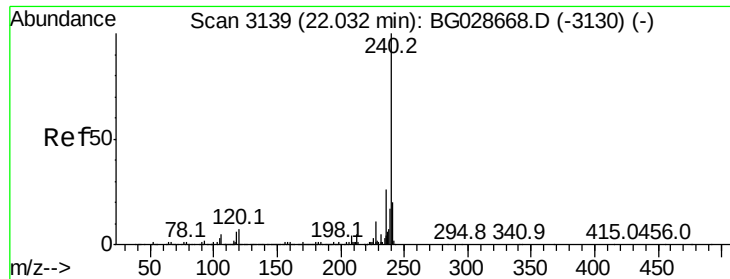
Sohil
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#74
Fluoranthene
Concen: 46.410 ng
RT: 19.70 min Scan# 2742
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.4	0.0	30.1
203	17.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.99 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

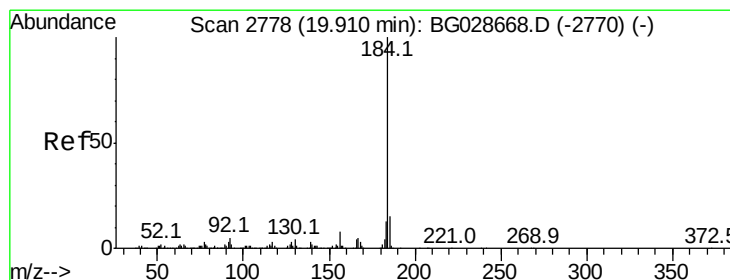
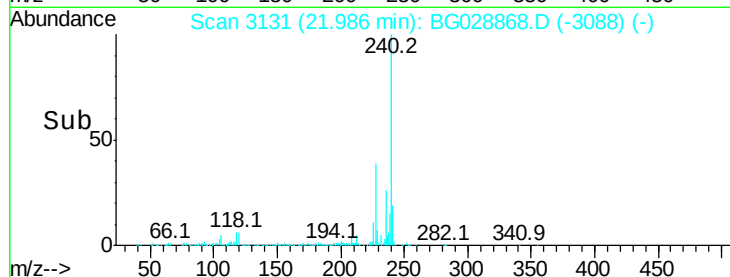
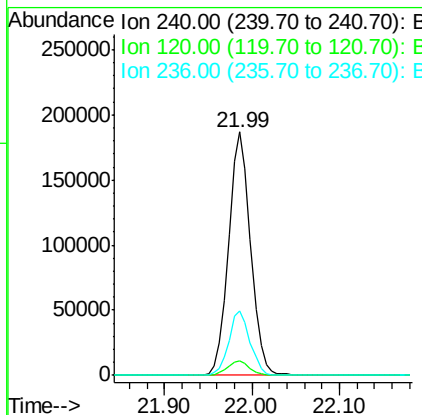
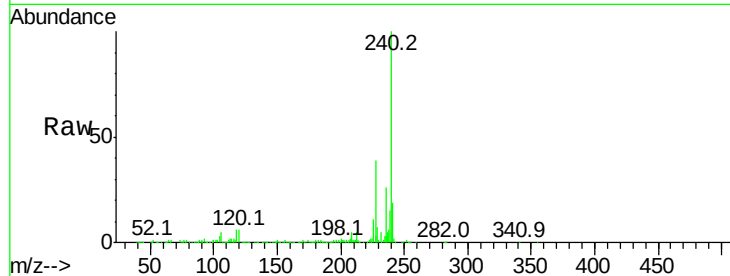
ClientSampled :

TP-5-COMPMSD

Tot Ion:	240	Resp:	319866
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.7	8.5
236	26.3	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 2.395 ng

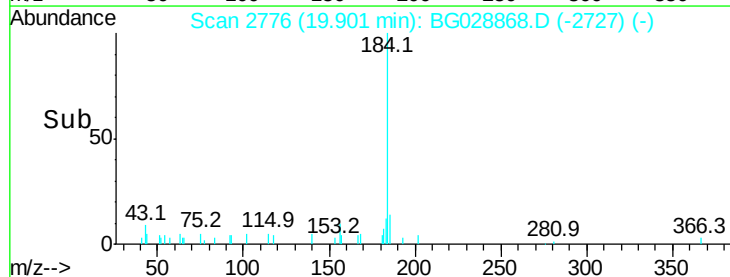
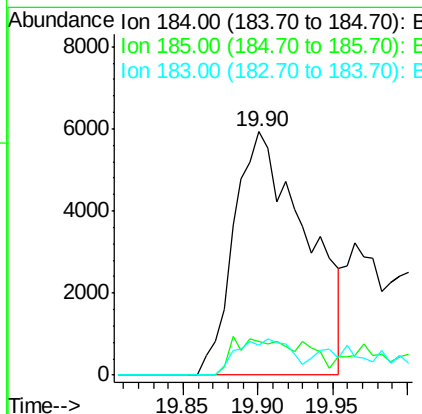
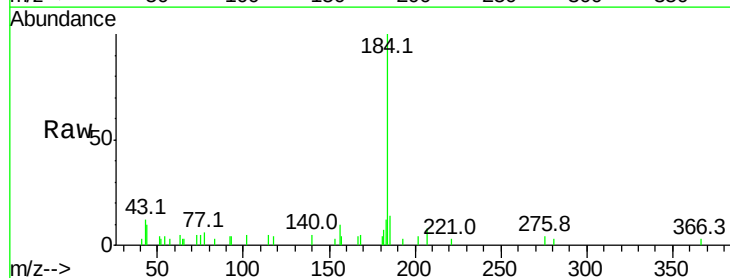
RT: 19.90 min Scan# 2776

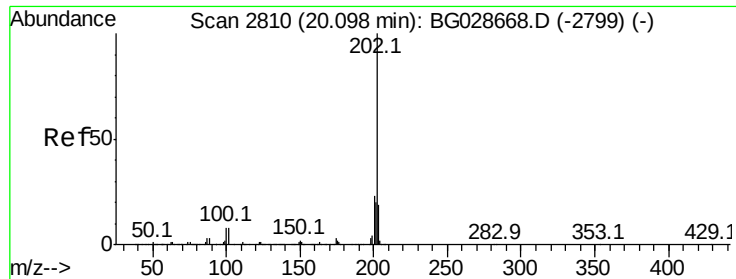
Delta R.T. -0.01 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	184	Resp:	19868
Ion Ratio	Lower	Upper	
184	100		
185	13.6	13.0	19.6
183	12.3	11.0	16.6





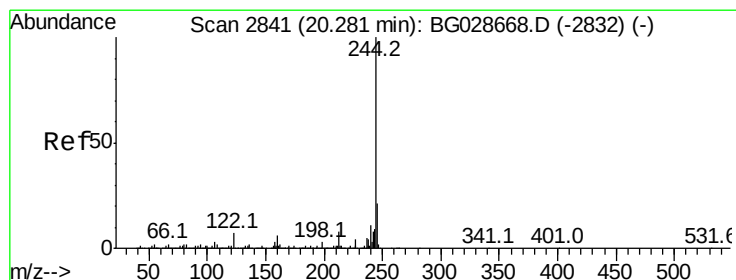
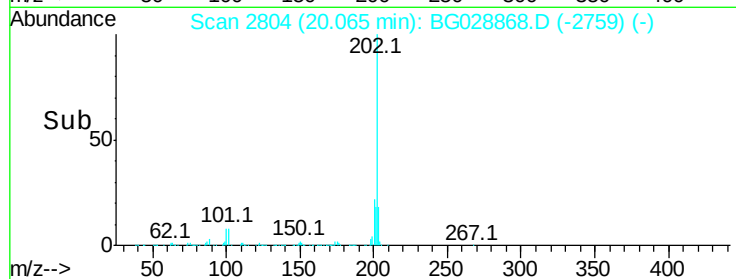
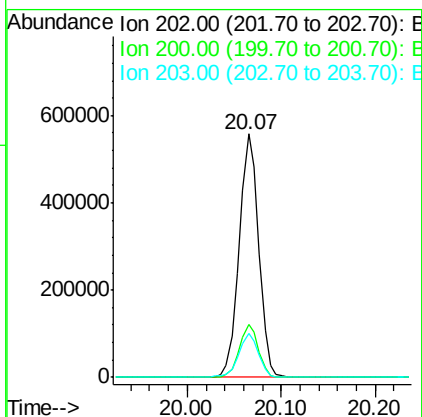
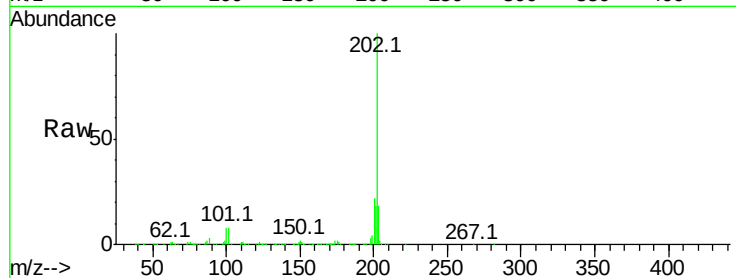
#77
Pvrene
Concen: 43.544 ng
RT: 20.07 min Scan# 2804
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	19.6	29.4
203	17.8	15.8	23.8

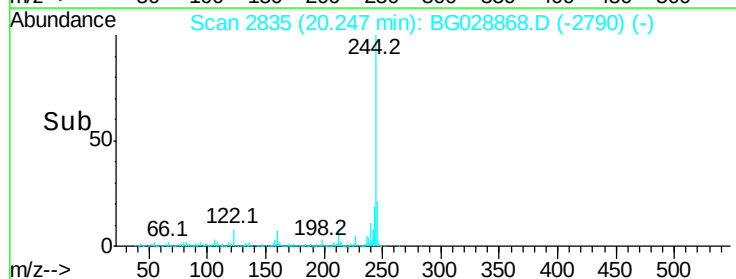
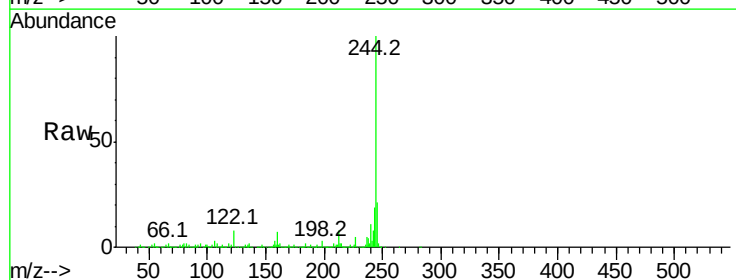
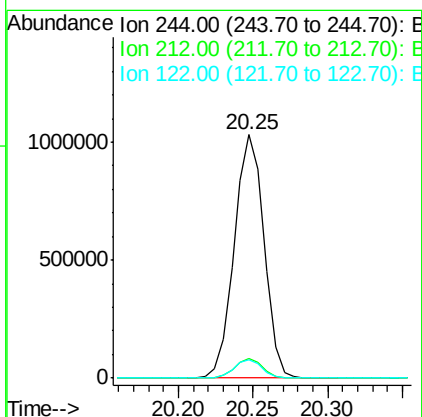
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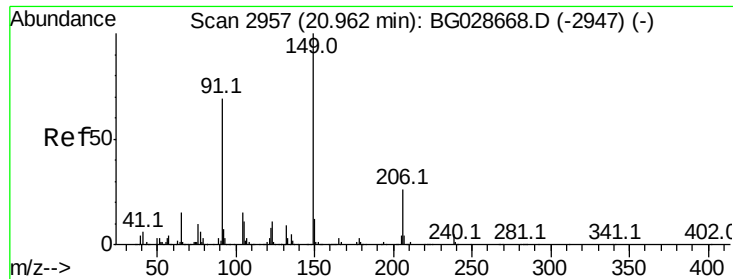
Sohil
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#78
Terphenyl-d14
Concen: 95.522 ng
RT: 20.25 min Scan# 2835
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.7	8.6	12.8#





#79

Butylbenzylphthalate

Concen: 40.830 ng

RT: 20.93 min Scan# 2951

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

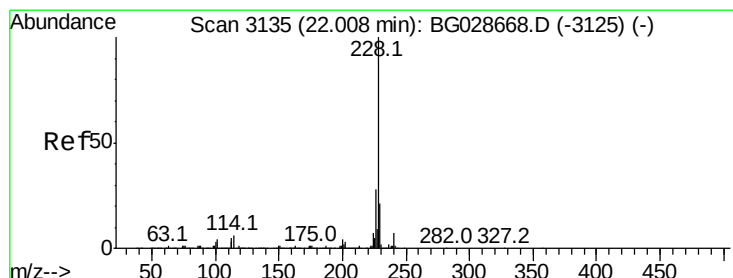
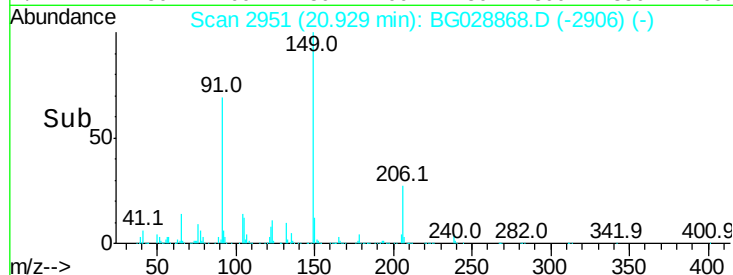
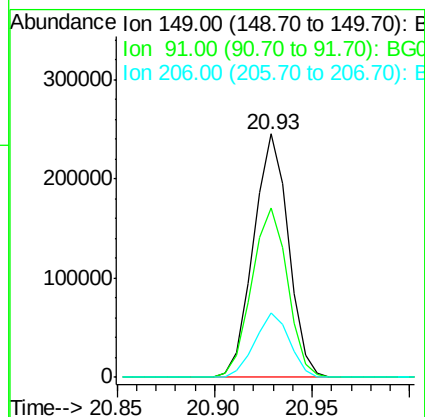
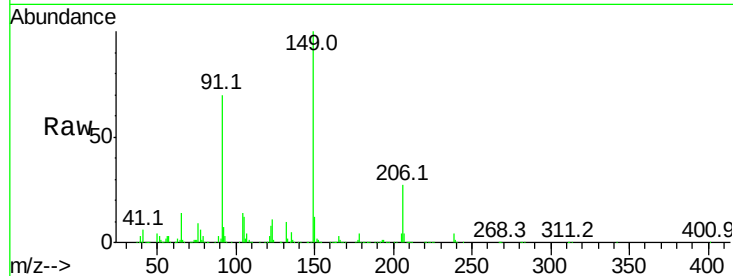
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	149	Resp:	304240
Ion Ratio	Lower	Upper	
149	100		
91	69.5	63.5	95.3
206	26.5	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 43.115 ng

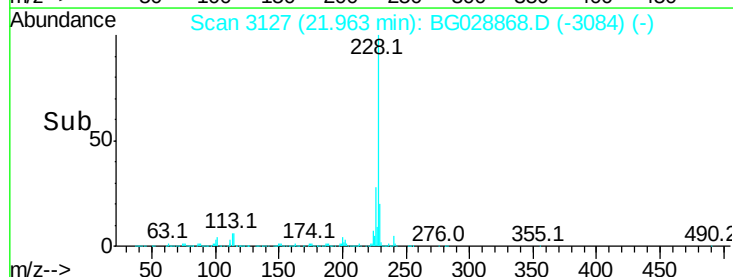
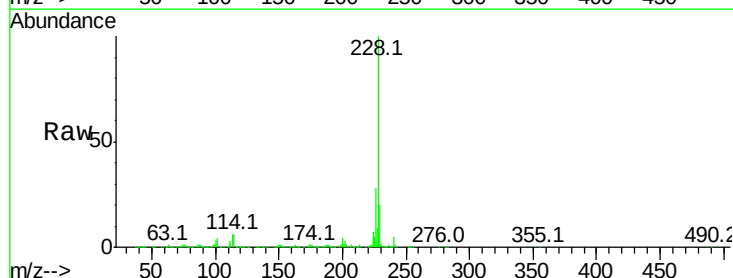
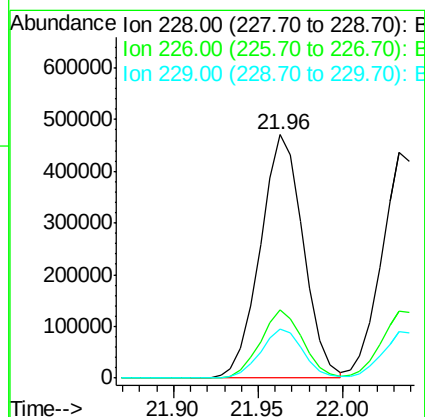
RT: 21.96 min Scan# 3127

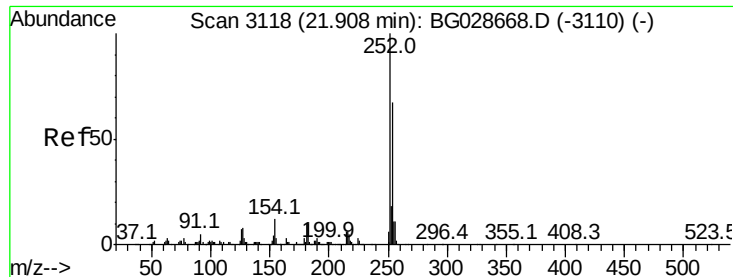
Delta R.T. -0.05 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	228	Resp:	830135
Ion Ratio	Lower	Upper	
228	100		
226	27.8	24.9	37.3
229	20.2	18.2	27.2





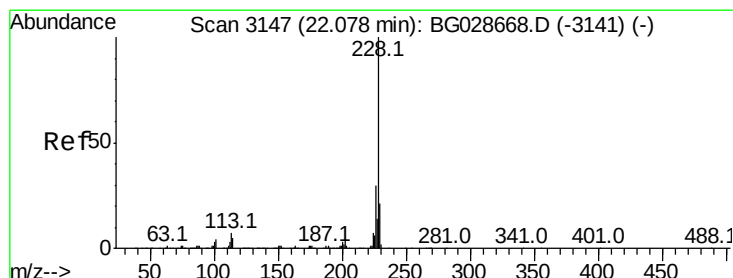
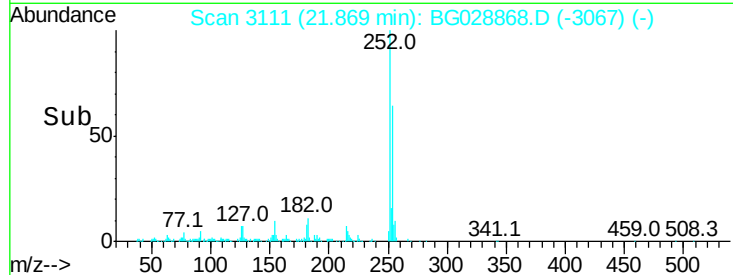
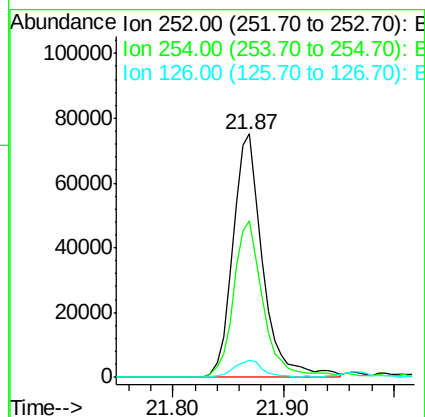
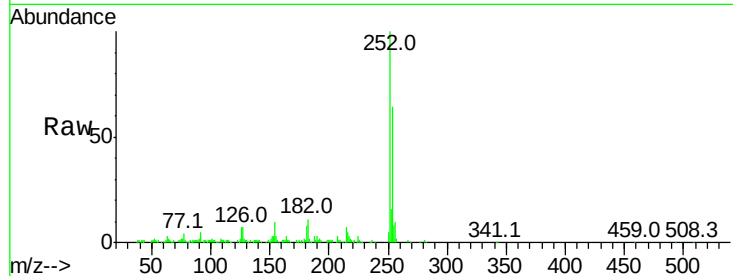
#81
 3,3'-Dichlorobenzidine
 Concen: 18.206 ng
 RT: 21.87 min Scan# 3111
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion:	252	Resp:	142117
Ion Ratio	Lower	Upper	
252	100		
254	64.2	53.1	79.7
126	7.1	7.0	10.4

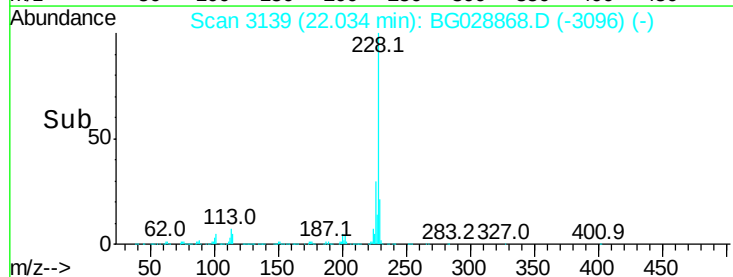
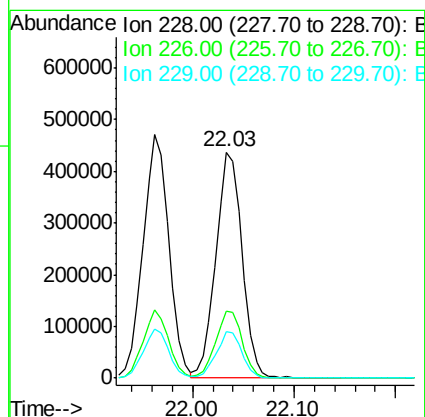
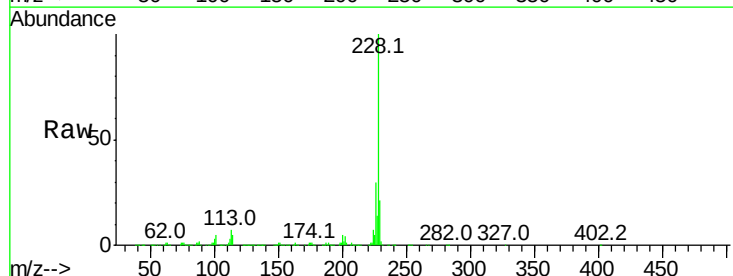
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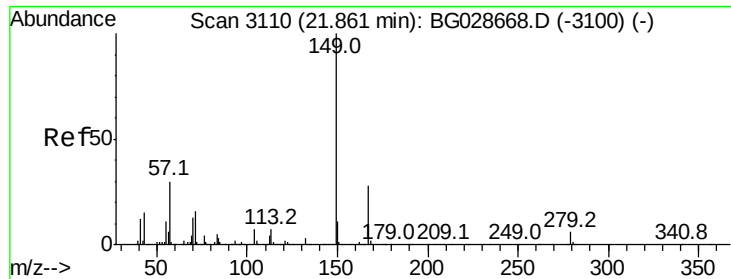
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#82
 Chrysene
 Concen: 42.996 ng
 RT: 22.03 min Scan# 3139
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion:	228	Resp:	785467
Ion Ratio	Lower	Upper	
228	100		
226	29.6	27.0	40.4
229	20.8	17.8	26.6





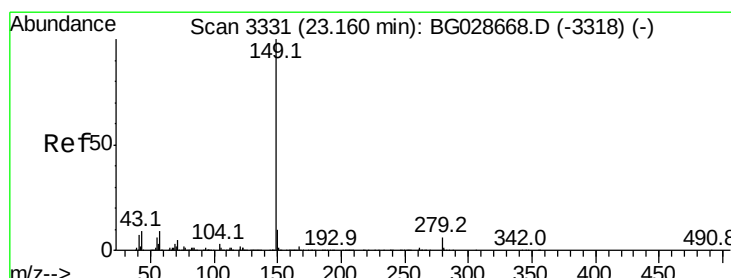
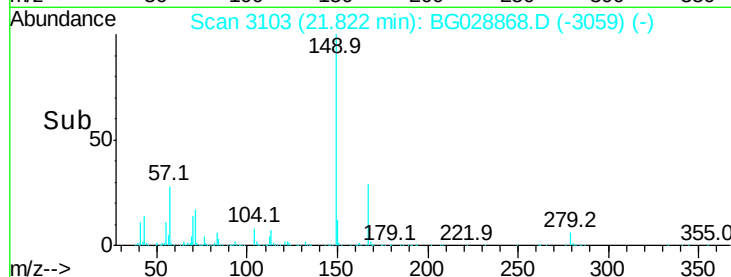
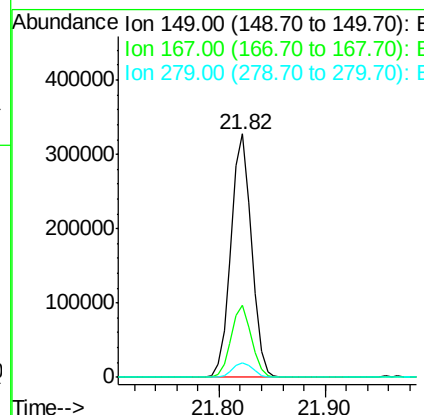
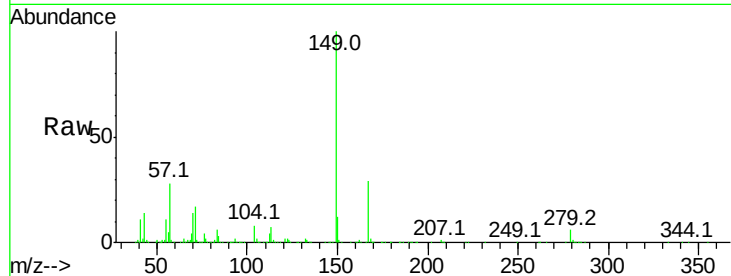
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.438 ng
 RT: 21.82 min Scan# 3103
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	5.8	4.6	6.8

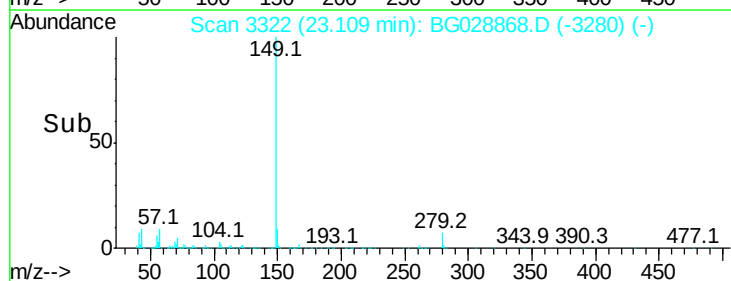
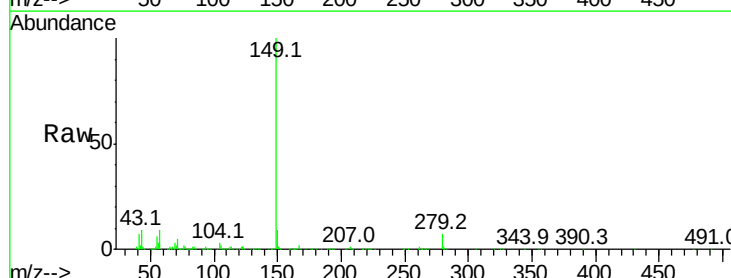
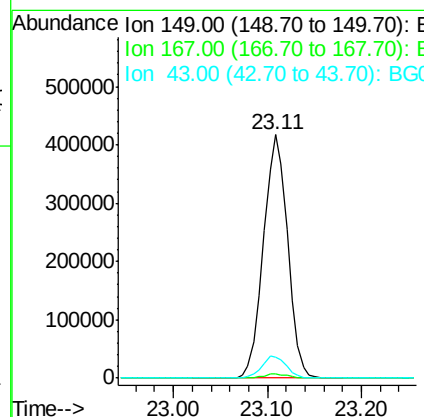
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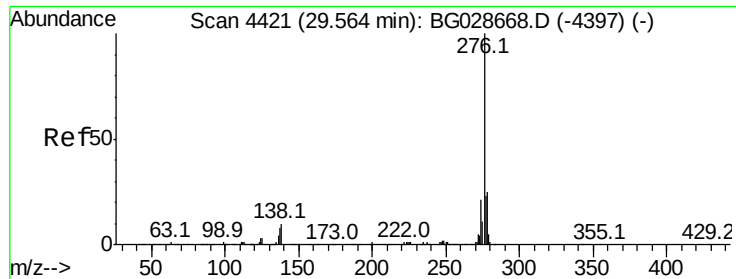
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#84
 Di-n-octyl phthalate
 Concen: 40.094 ng
 RT: 23.11 min Scan# 3322
 Delta R.T. -0.05 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.1	11.8	17.6#





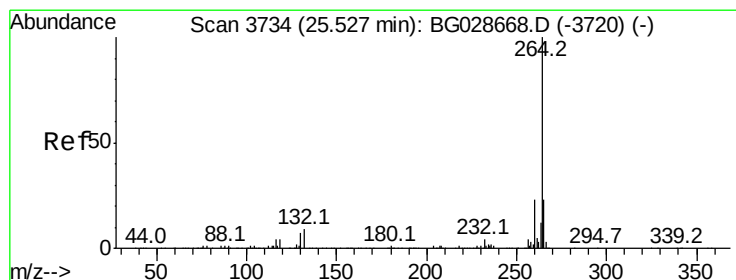
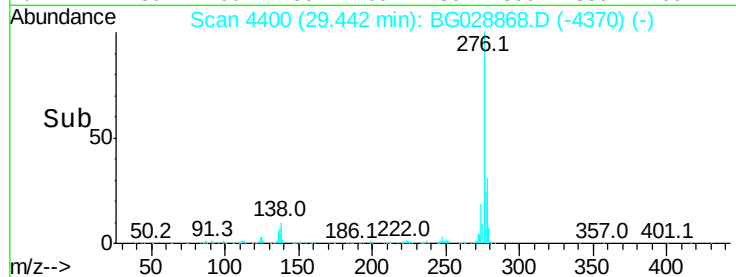
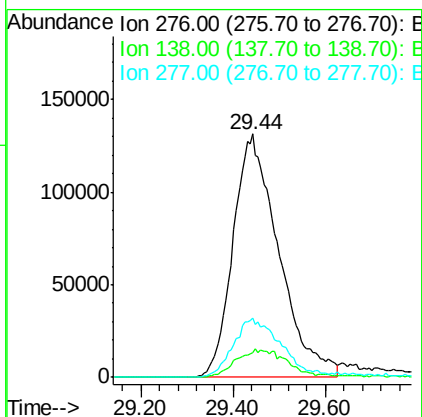
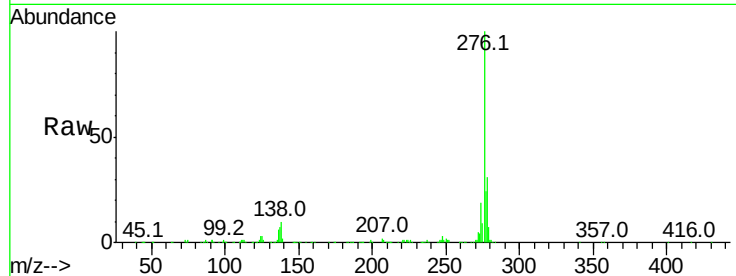
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.419 ng
 RT: 29.44 min Scan# 4400
 Delta R.T. -0.12 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.8	4.7	7.1
277	25.3	20.6	31.0

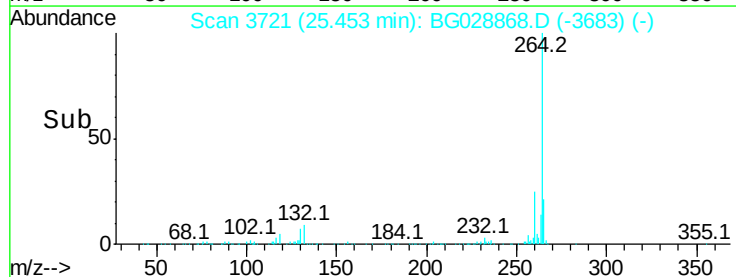
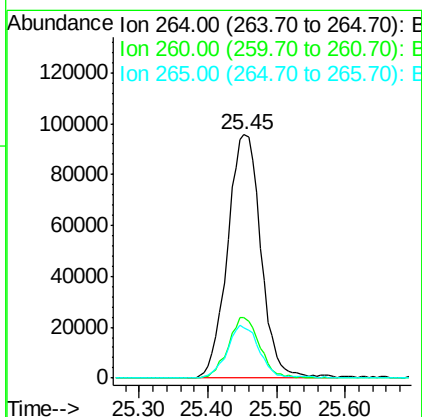
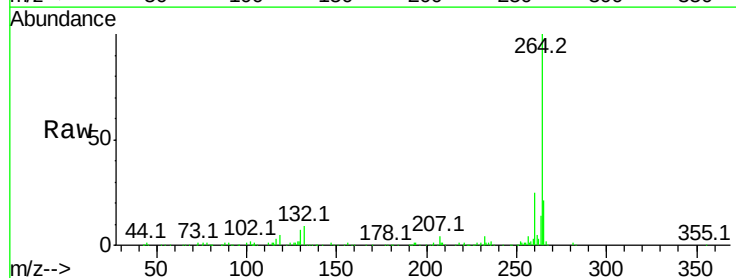
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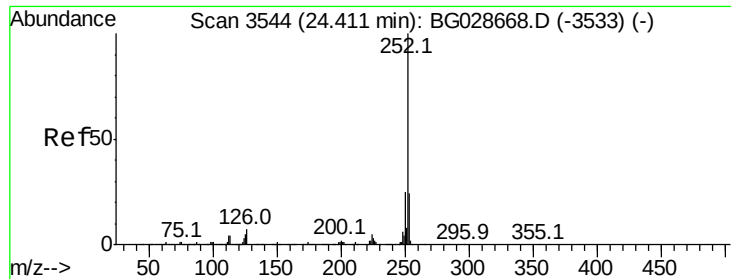
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.07 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	20.9	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 44.297 ng

RT: 24.35 min Scan# 3533

Delta R.T. -0.06 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

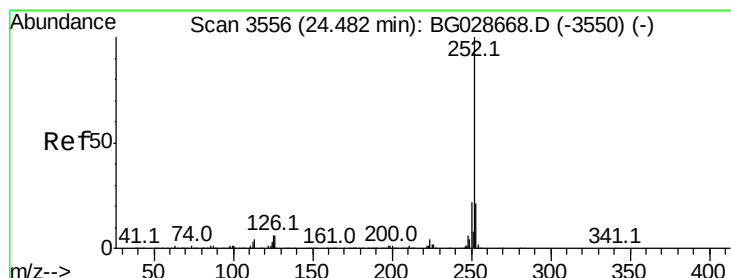
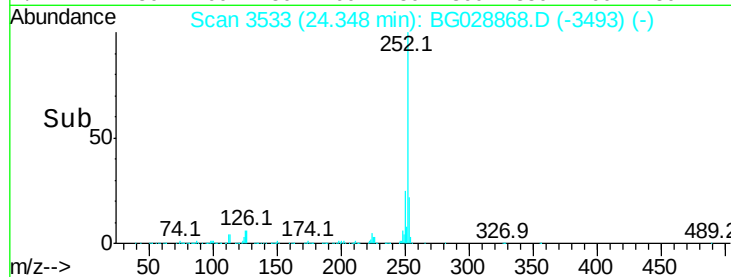
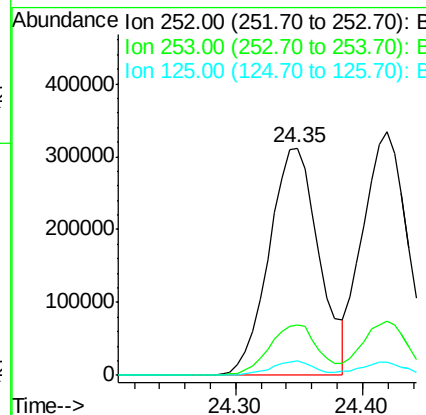
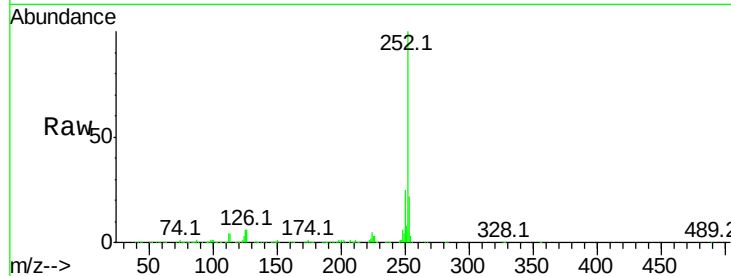
ClientSampleId :

TP-5-COMPMSD

Tot Ion:	252	Resp:	856579
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.7	28.1
125	6.4	5.3	7.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.648 ng

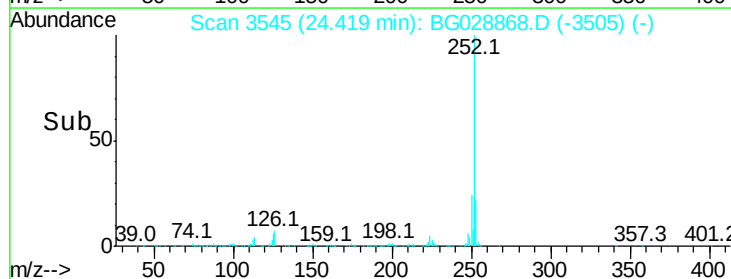
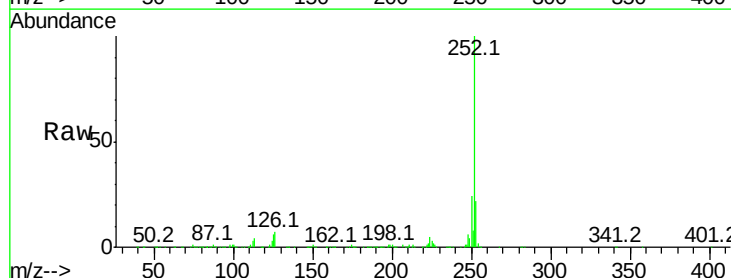
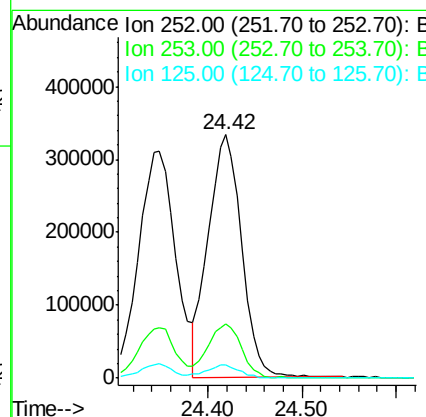
RT: 24.42 min Scan# 3545

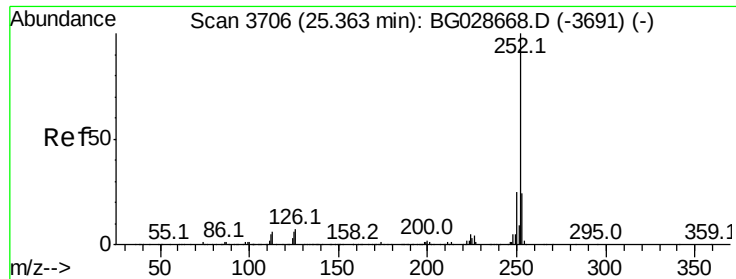
Delta R.T. -0.06 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Tgt Ion:	252	Resp:	823764
Ion Ratio	Lower	Upper	
252	100		
253	22.3	20.2	30.2
125	5.6	5.1	7.7





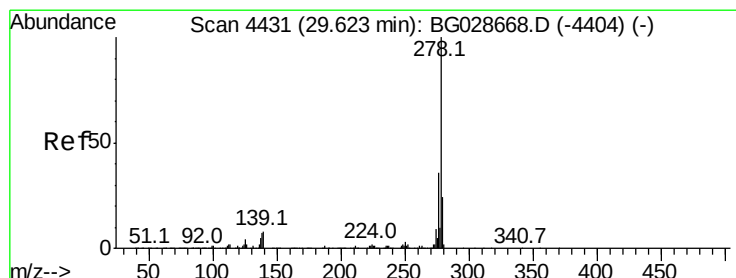
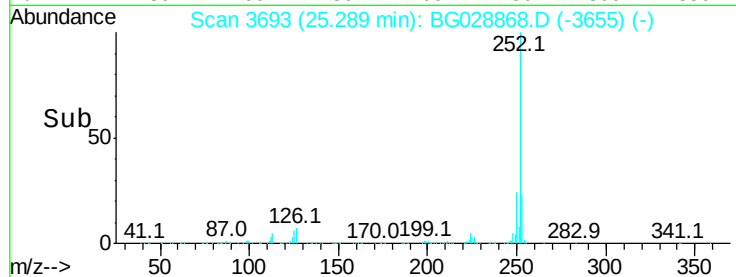
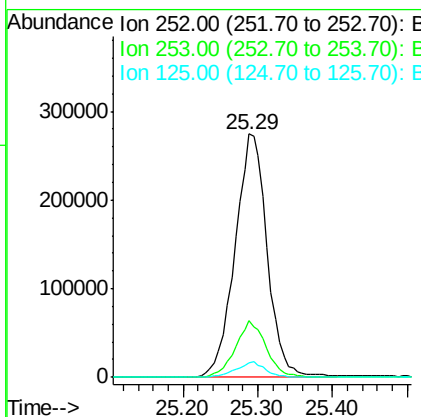
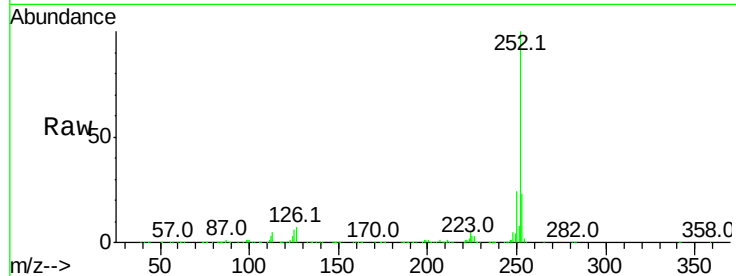
#89
Benzo(a)pyrene
Concen: 44.528 ng
RT: 25.29 min Scan# 3693
Delta R.T. -0.07 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	5.8	5.4	8.0

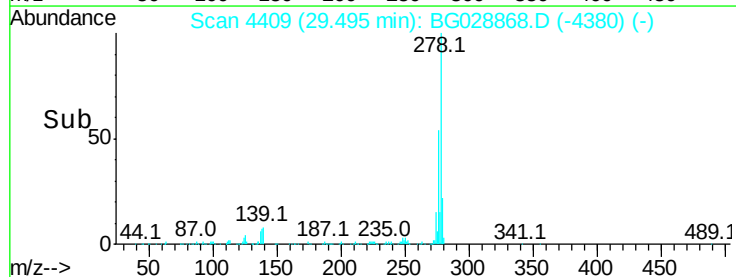
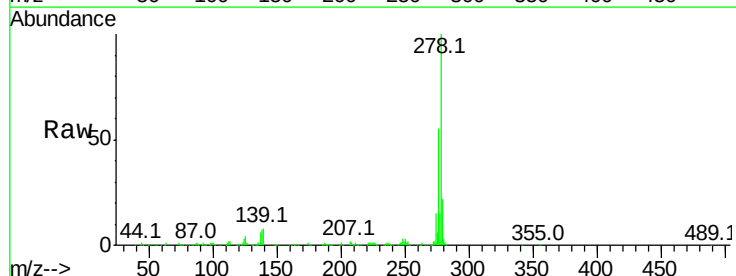
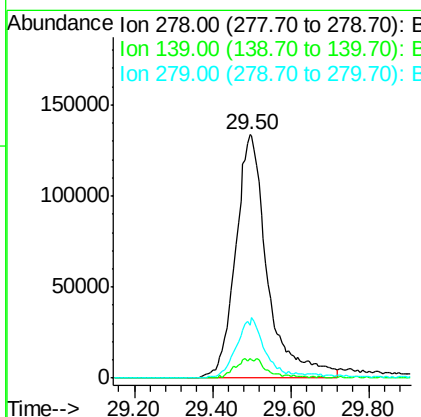
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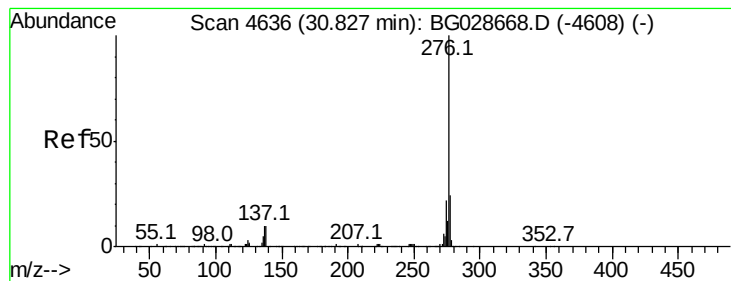
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#90
Dibenzo(a,h)anthracene
Concen: 39.721 ng
RT: 29.50 min Scan# 4409
Delta R.T. -0.13 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	7.7	11.5
279	21.8	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 38.757 ng

RT: 30.69 min Scan# 4612

Delta R.T. -0.14 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

TP-5-COMPMSD

Tot Ion:	276	Resp:	723661
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.6	27.8
138	10.3	8.1	12.1

Manual Integrations
APPROVED

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