

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
 Data File : BG034032.D
 Acq On : 27 Apr 2018 4:23
 Operator : SJ/JU
 Sample : PB108616BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Manual Integrations
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 4/27/2018 7:31:13 PM

Quant Time: Apr 27 07:29:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	56566	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	286778	20.00	ng	-0.03
38) Acenaphthene-d10	14.45	164	223548	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	605089	20.00	ng	-0.02
75) Chrysene-d12	21.45	240	616659	20.00	ng	-0.04
86) Perylene-d12	24.50	264	627944	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	301223	85.02	ng	-0.01
7) Phenol-d6	7.00	99	453375	87.73	ng	0.00
23) Nitrobenzene-d5	8.97	82	402267	79.83	ng	-0.02
41) 2,4,6-Tribromophenol	15.94	330	269947	103.51	ng	-0.03
44) 2-Fluorobiphenyl	13.07	172	1302557	85.60	ng	-0.03
78) Terphenyl-d14	19.83	244	2371629	86.40	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	51704	34.535	ng	# 83
3) Pyridine	3.79	79	97440	22.495	ng	# 81
4) n-Nitrosodimethylamine	3.71	42	55194	27.968	ng	# 93
6) Aniline	7.16	93	61175	8.856	ng	# 94
8) 2-Chlorophenol	7.39	128	174987	44.077	ng	91
9) Benzaldehyde	6.98	77	64546m	20.442	ng	
10) Phenol	7.03	94	200698	37.910	ng	95
11) bis(2-Chloroethyl)ether	7.25	93	163540m	40.390	ng	
12) 1,3-Dichlorobenzene	7.71	146	185817	40.659	ng	96
13) 1,4-Dichlorobenzene	7.85	146	180660	39.029	ng	94
14) 1,2-Dichlorobenzene	8.16	146	189636	42.128	ng	93
15) Benzyl Alcohol	8.07	79	134840	29.923	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.34	45	273718	34.660	ng	79
17) 2-Methylphenol	8.27	107	132385	33.745	ng	96
18) Hexachloroethane	8.88	117	73416	43.404	ng	97
19) n-Nitroso-di-n-propylamine	8.61	70	150966	34.271	ng	# 93
20) 3+4-Methylphenols	8.60	107	178021	31.229	ng	94
22) Acetophenone	8.64	105	261203	33.465	ng	96
24) Nitrobenzene	9.01	77	197490	35.965	ng	95
25) Isophorone	9.52	82	431047	38.046	ng	# 95
26) 2-Nitrophenol	9.72	139	88739	40.899	ng	89
27) 2,4-Dimethylphenol	9.79	122	162972	40.157	ng	93
28) bis(2-Chloroethoxy)methane	10.02	93	237406	39.649	ng	99
29) 2,4-Dichlorophenol	10.26	162	203298	44.937	ng	91
30) 1,2,4-Trichlorobenzene	10.46	180	218468	43.115	ng	99
31) Naphthalene	10.65	128	615210	41.717	ng	99
32) Benzoic acid	9.94	122	109173m	29.216	ng	
33) 4-Chloroaniline	10.81	127	29374m	4.238	ng	
34) Hexachlorobutadiene	10.93	225	131319	43.322	ng	97
35) Caprolactam	11.54	113	77540m	40.313	ng	
36) 4-Chloro-3-methylphenol	11.90	107	223608	40.496	ng	# 87
37) 2-Methylnaphthalene	12.26	142	474846	42.056	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	293428	39.529	ng	97
40) Hexachlorocyclopentadiene	12.61	237	346329	84.852	ng	92

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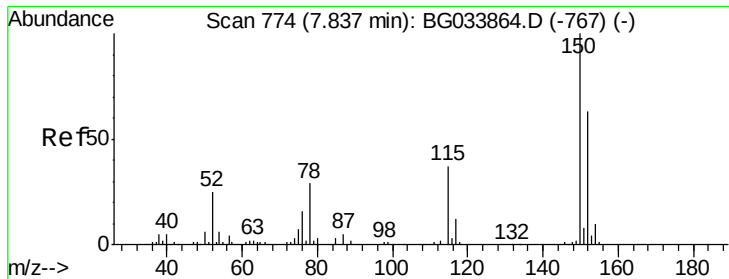
Manual Integrations
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Quant Time: Apr 27 07:29:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	180521	39.886	nq	98
43) 2,4,5-Trichlorophenol	12.96	196	238317m	45.802	nq	
45) 1,1'-Biphenyl	13.28	154	674116	37.252	nq	97
46) 2-Chloronaphthalene	13.32	162	519524	37.863	nq	98
47) 2-Nitroaniline	13.54	65	152378	35.567	nq	# 81
48) Acenaphthylene	14.17	152	871993	38.232	nq	98
49) Dimethylphthalate	13.91	163	777895	39.559	nq	99
50) 2,6-Dinitrotoluene	14.03	165	171267	45.958	nq	# 83
51) Acenaphthene	14.51	154	515991	36.013	nq	98
52) 3-Nitroaniline	14.39	138	29043	7.177	nq	# 85
53) 2,4-Dinitrophenol	14.57	184	82696	62.050	nq	# 64
54) Dibenzofuran	14.85	168	883347	41.585	nq	96
55) 4-Nitrophenol	14.71	139	182721	57.575	nq	# 83
56) 2,4-Dinitrotoluene	14.82	165	247295	49.903	nq	# 75
57) Fluorene	15.50	166	771317	41.961	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.08	232	254766	53.476	nq	# 90
59) Diethylphthalate	15.28	149	833843	40.117	nq	98
60) 4-Chlorophenyl-phenylether	15.50	204	419224	43.603	nq	94
61) 4-Nitroaniline	15.56	138	166981m	38.865	nq	
62) Azobenzene	15.79	77	670748	36.201	nq	95
64) 4,6-Dinitro-2-methylphenol	15.58	198	90903	33.470	nq	89
65) n-Nitrosodiphenylamine	15.72	169	690126	39.230	nq	98
66) 4-Bromophenyl-phenylether	16.39	248	273196	41.112	nq	96
67) Hexachlorobenzene	16.50	284	290095	40.935	nq	# 72
68) Atrazine	16.67	200	294497	42.732	nq	98
69) Pentachlorophenol	16.85	266	320191	65.777	nq	# 57
70) Phenanthrene	17.24	178	1256455	38.707	nq	98
71) Anthracene	17.33	178	1344899	41.430	nq	98
72) Carbazole	17.61	167	1218121	38.896	nq	99
73) Di-n-butylphthalate	18.17	149	1429068	36.680	nq	98
74) Fluoranthene	19.26	202	1591724	40.537	nq	96
76) Benzidine	19.47	184	244875	14.705	nq	99
77) Pyrene	19.62	202	1581526	39.102	nq	95
79) Butylbenzylphthalate	20.53	149	667245	37.566	nq	89
80) Benzo(a)anthracene	21.43	228	1532758	39.417	nq	97
81) 3,3'-Dichlorobenzidine	21.37	252	265305	18.298	nq	97
82) Chrysene	21.50	228	1498123	40.345	nq	96
83) Bis(2-ethylhexyl)phthalate	21.36	149	922728	36.784	nq	99
84) Di-n-octyl phthalate	22.52	149	1569545	39.420	nq	96
85) Indeno(1,2,3-cd)pyrene	27.94	276	1810033	42.823	nq	# 93
87) Benzo(b)fluoranthene	23.54	252	1522820	39.752	nq	98
88) Benzo(k)fluoranthene	23.60	252	1616191	42.473	nq	97
89) Benzo(a)pyrene	24.36	252	1550476	42.261	nq	99
90) Dibenzo(a,h)anthracene	28.01	278	1503095	42.341	nq	97
91) Benzo(g,h,i)perylene	29.02	276	1497293	42.863	nq	97

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



#1

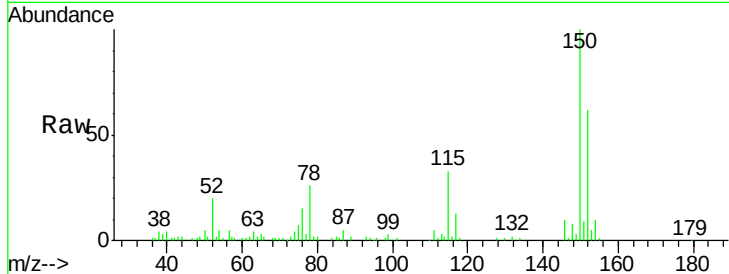
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

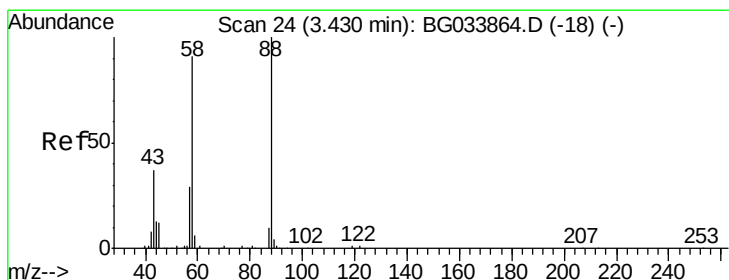
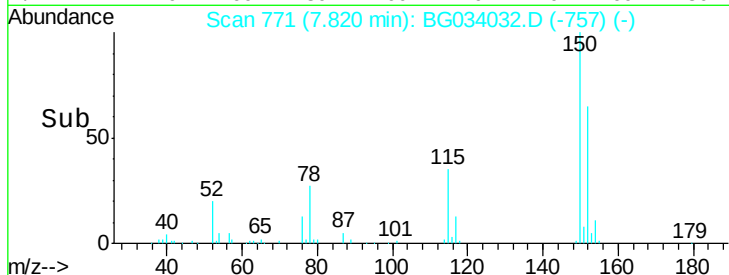
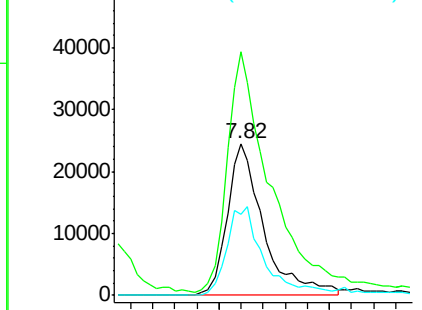
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	53.5	53.0	79.4

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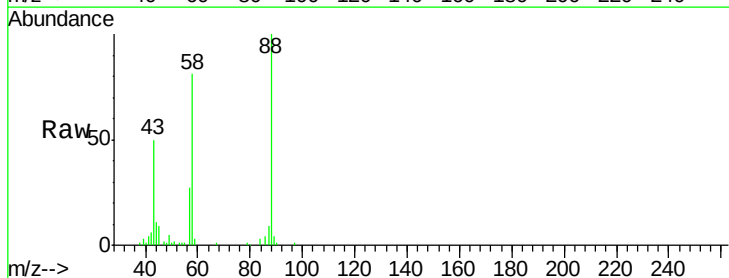
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



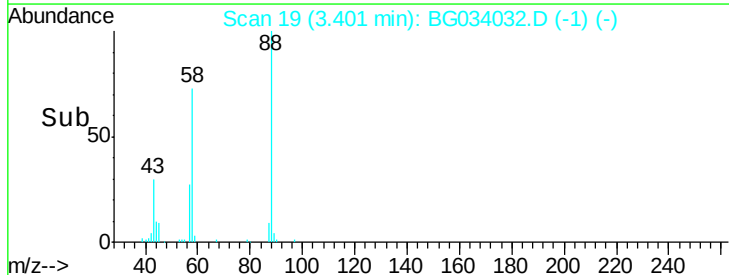
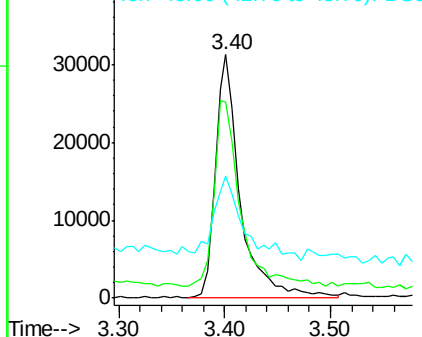
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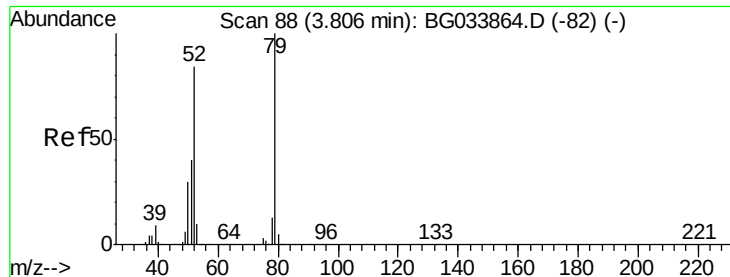
1,4-Dioxane
Concen: 34.535 ng
RT: 3.40 min Scan# 19
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	79.6	119.4
43	41.1	27.4	41.0



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





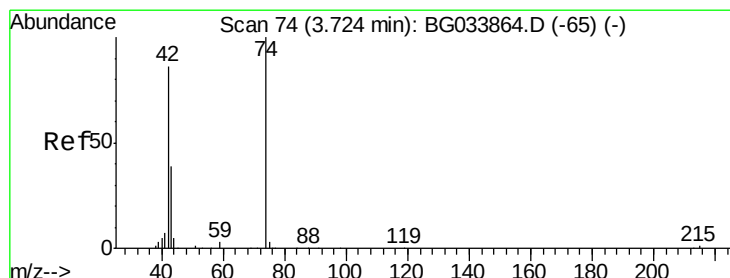
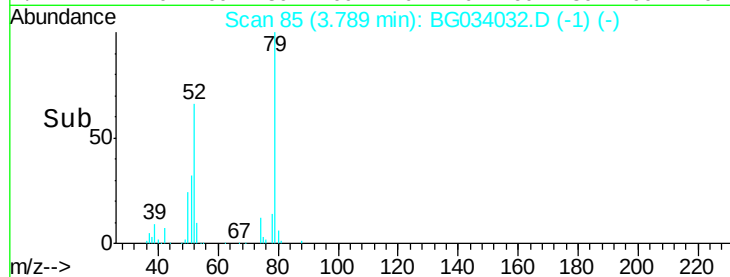
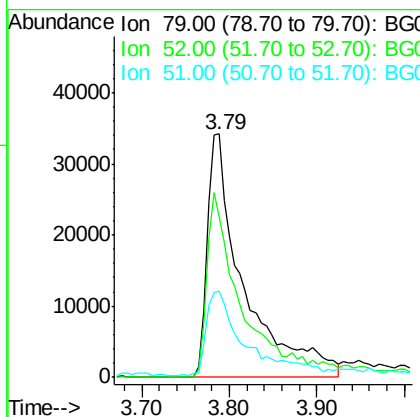
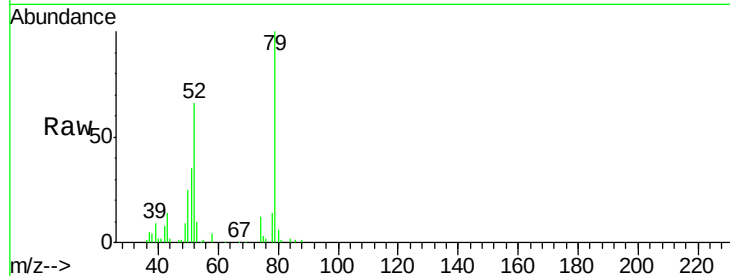
#3
 Pvridine
 Concen: 22.495 ng
 RT: 3.79 min Scan# 85
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.7	69.9	104.9#
51	35.4	34.0	51.0

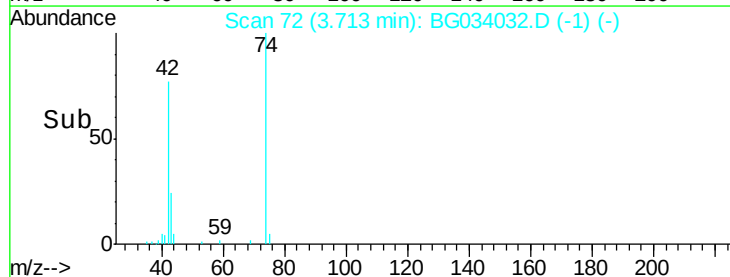
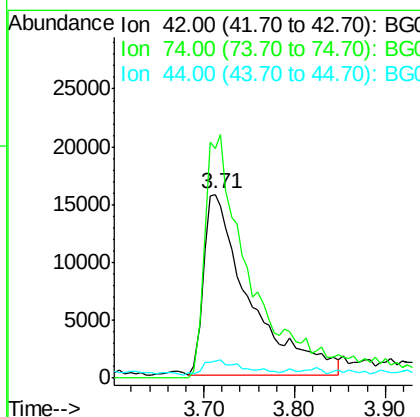
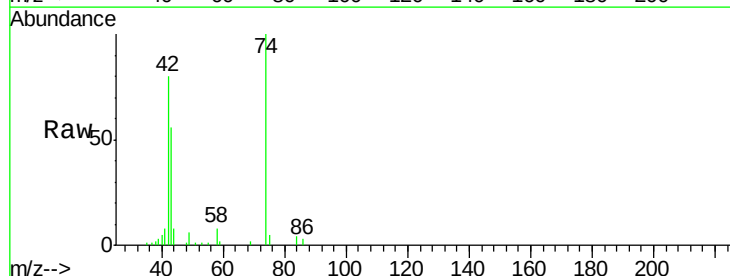
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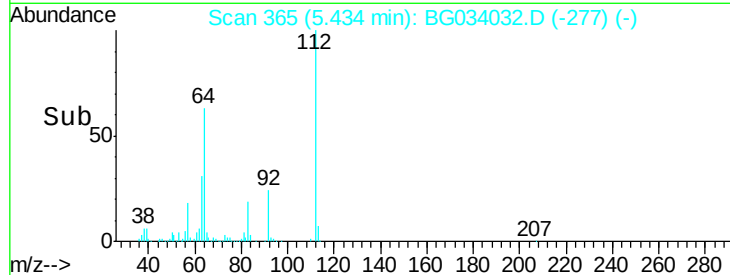
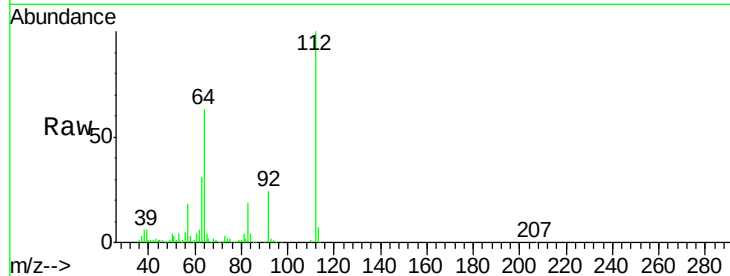
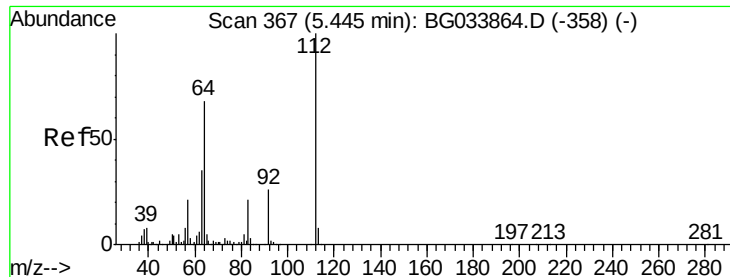
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#4
 n-Nitrosodimethylamine
 Concen: 27.968 ng
 RT: 3.71 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.3	102.5	153.7
44	9.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 85.018 ng

RT: 5.43 min Scan# 365

Delta R.T. -0.01 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tot Ion:	112	Resp:	301223
Ion Ratio	Lower	Upper	
112	100		
64	62.7	56.3	84.5
63	31.1	30.1	45.1

Instrument :

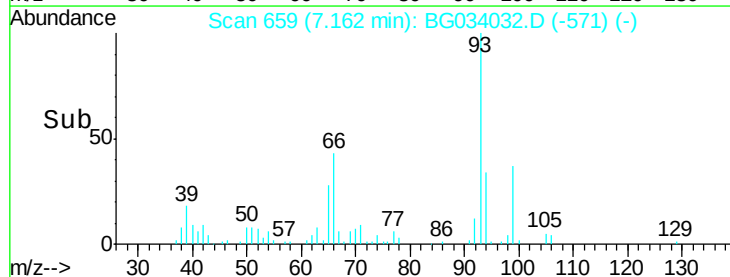
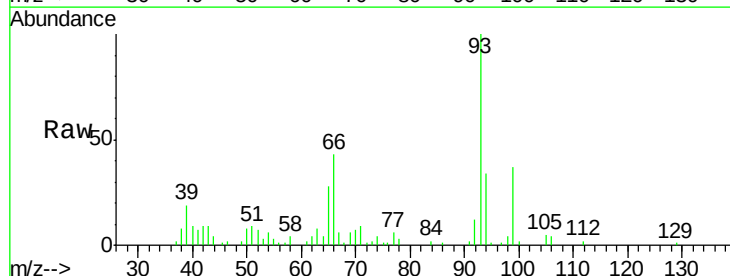
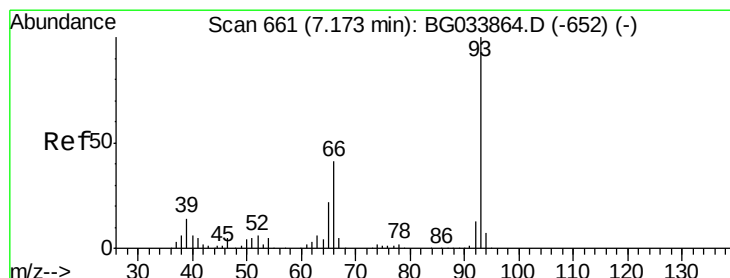
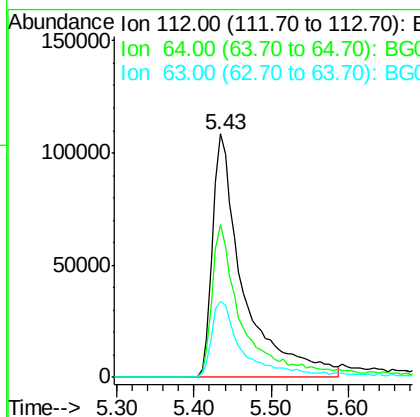
BNA_G

ClientSampleId :

PB108616BSD

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#6

Aniline

Concen: 8.856 ng

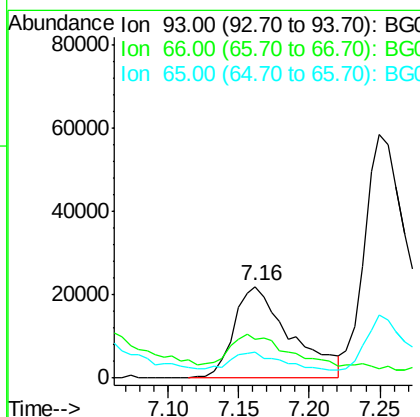
RT: 7.16 min Scan# 659

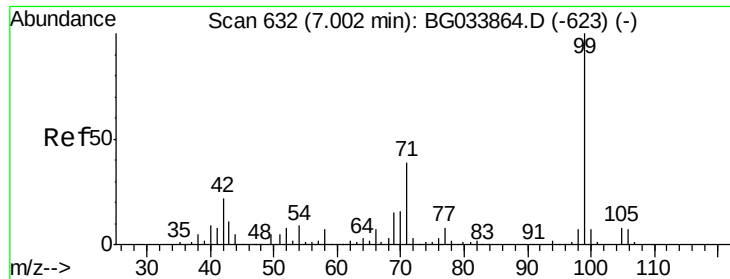
Delta R.T. -0.01 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion:	93	Resp:	61175
Ion Ratio	Lower	Upper	
93	100		
66	42.7	33.7	50.5
65	28.4	16.1	24.1#





#7

Phenol-d6

Concen: 87.732 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

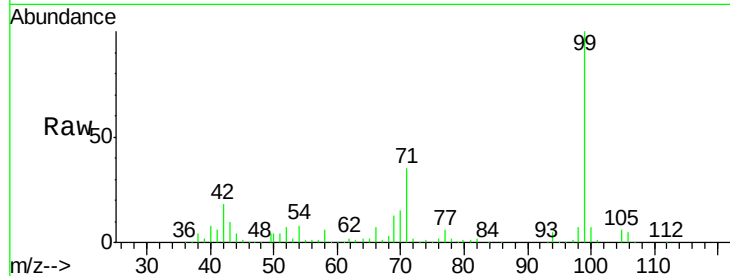
ClientSampleId :

PB108616BSD

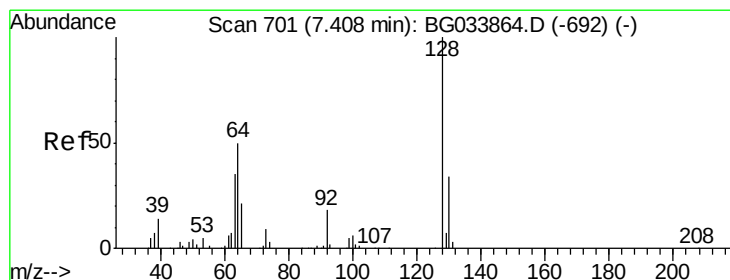
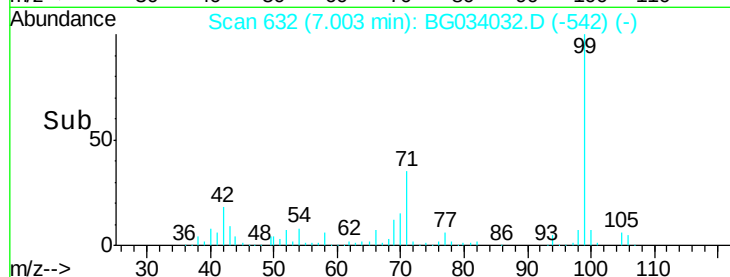
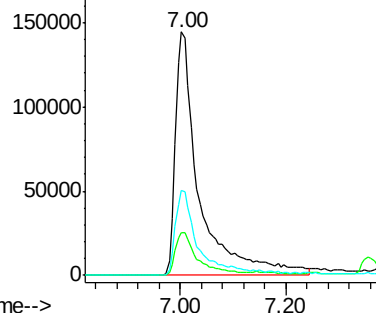
Tot Ion:	99	Resp:	453375
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.1	21.1
71	35.0	26.1	39.1

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.077 ng

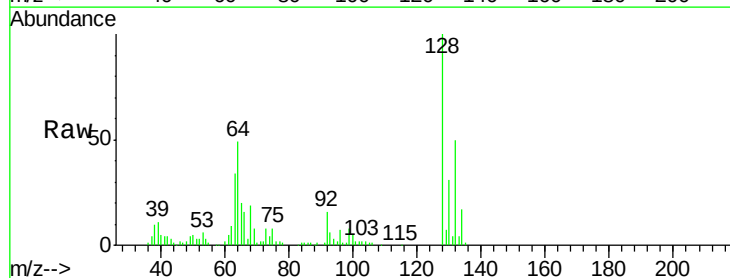
RT: 7.39 min Scan# 698

Delta R.T. -0.02 min

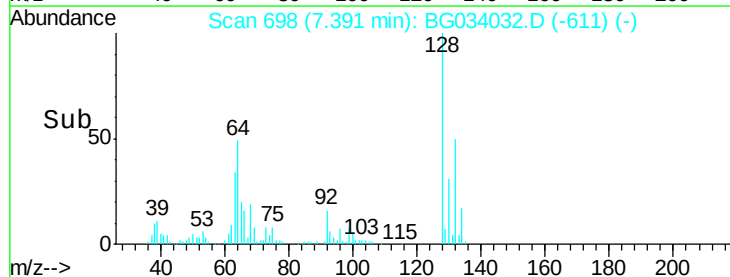
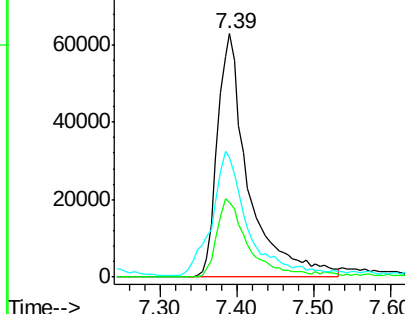
Lab File: BG034032.D

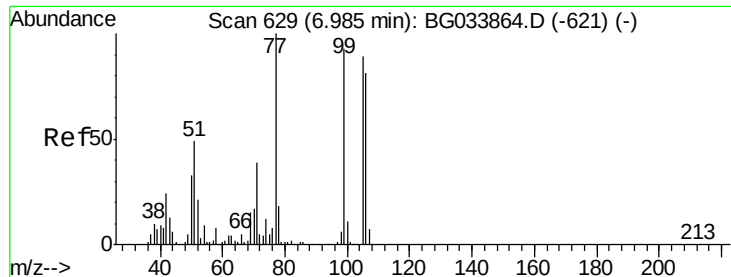
Acq: 27 Apr 2018 4:23

Tgt Ion:	128	Resp:	174987
Ion Ratio	Lower	Upper	
128	100		
130	30.7	14.0	54.0
64	49.2	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.442 ng/mL

RT: 6.98 min Scan# 628

Delta R.T. -0.00 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

ClientSampleID :

PB108616BSD

Tot Ion: 77 Resp: 64546

Ion Ratio Lower Upper

77 100

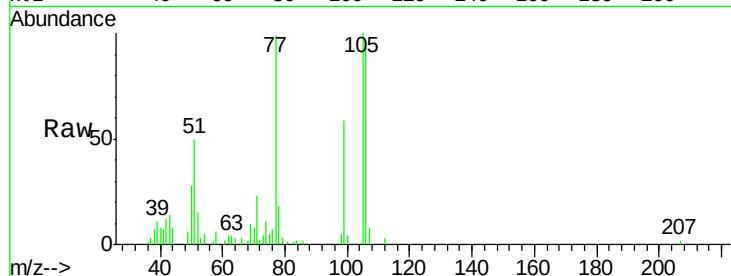
105 100.7 71.3 111.3

106 96.8 64.2 104.2

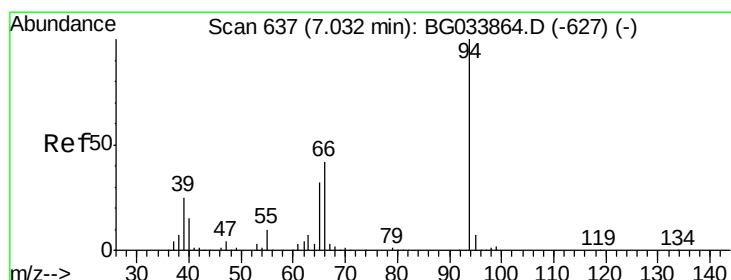
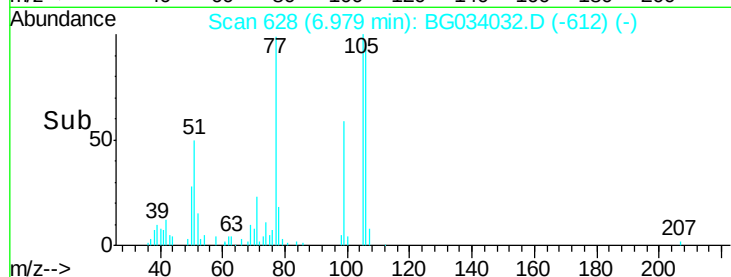
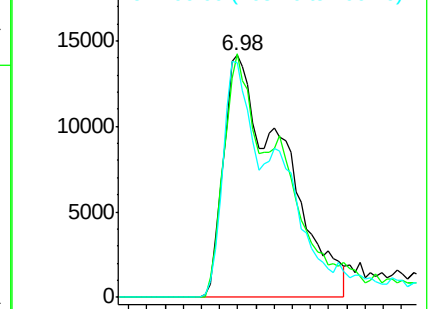
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.910 ng/mL

RT: 7.03 min Scan# 637

Delta R.T. 0.00 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

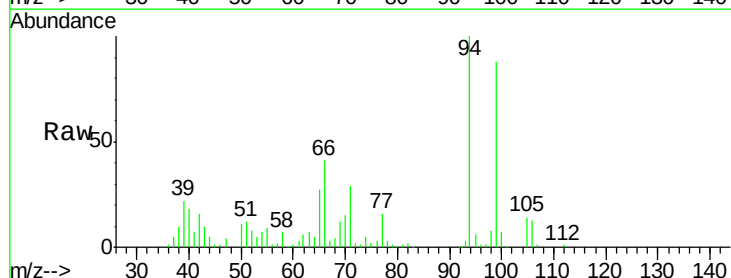
Tgt Ion: 94 Resp: 200698

Ion Ratio Lower Upper

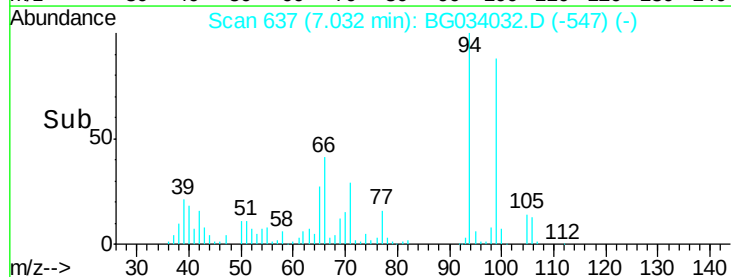
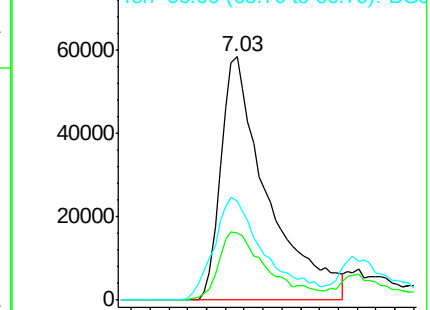
94 100

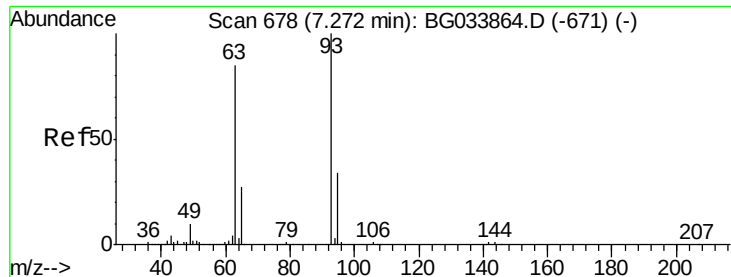
65 27.4 11.9 51.9

66 40.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





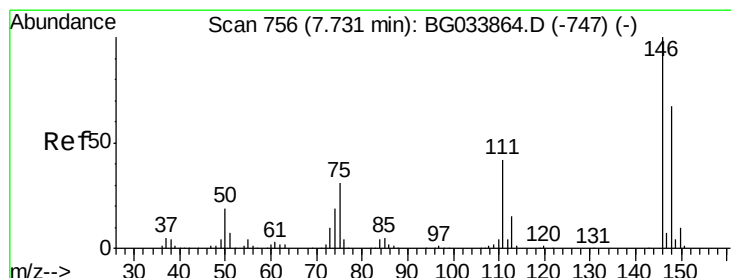
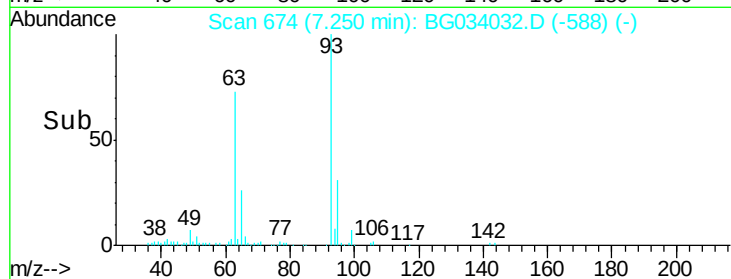
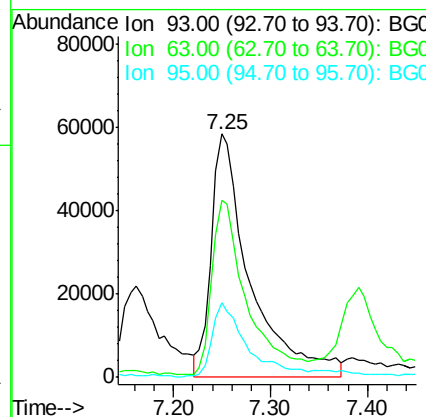
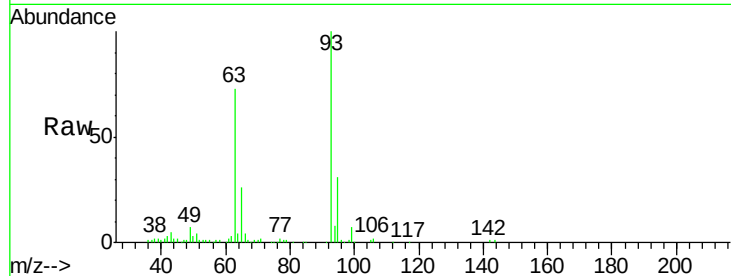
#11
bis(2-Chloroethyl)ether
Concen: 40.390 ng/ml
RT: 7.25 min Scan# 674
Delta R.T. -0.02 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	67.1	107.1
95	30.9	11.5	51.5

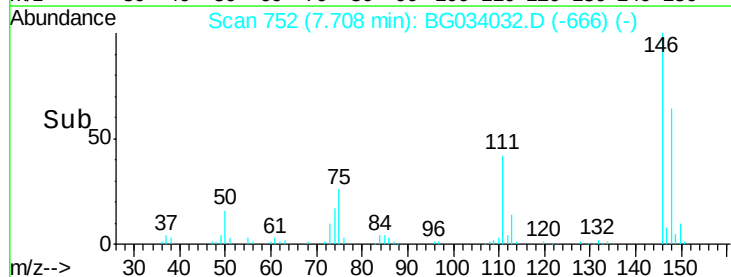
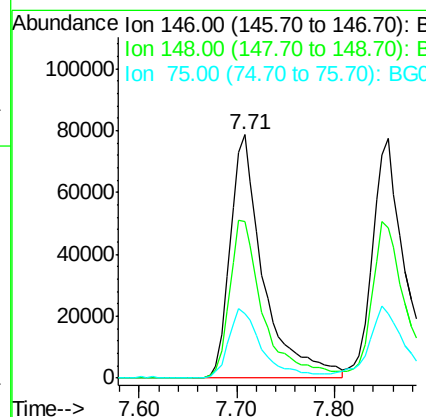
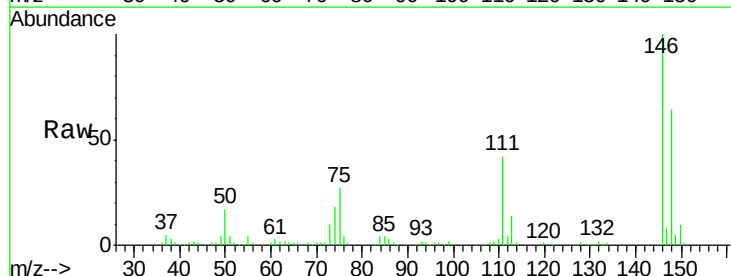
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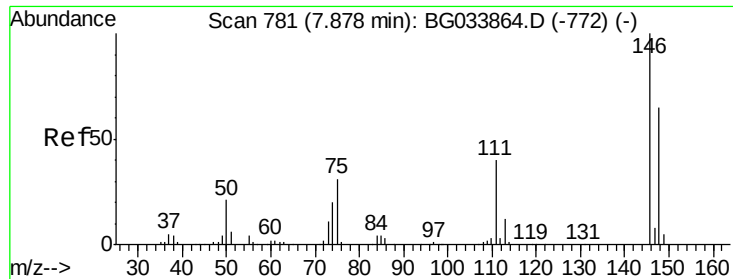
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#12
1,3-Dichlorobenzene
Concen: 40.659 ng/ml
RT: 7.71 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
75	26.7	26.6	39.8





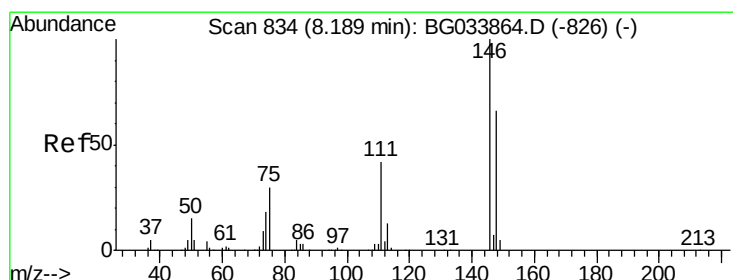
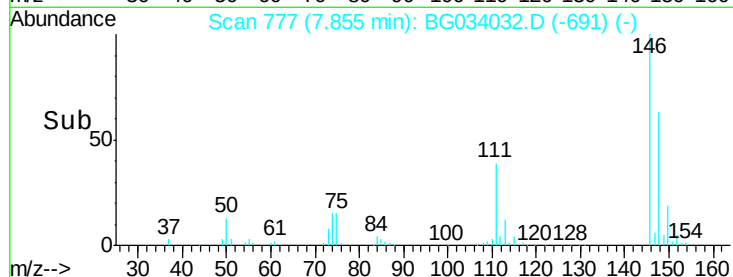
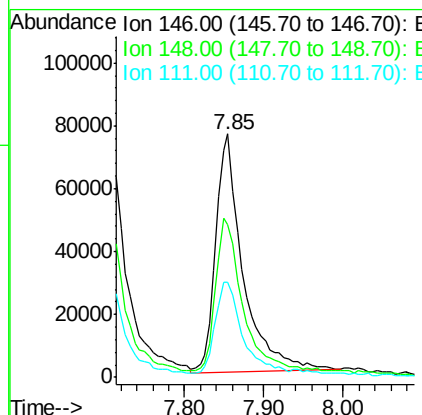
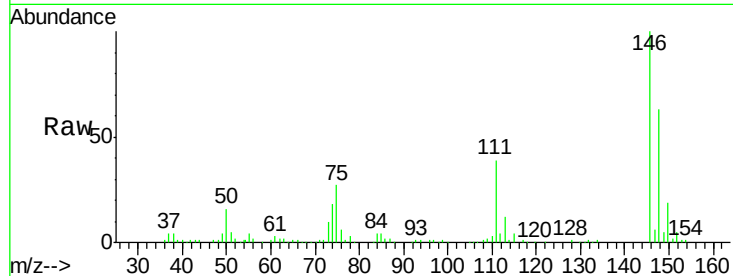
#13
 1,4-Dichlorobenzene
 Concen: 39.029 ng
 RT: 7.85 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleID :
 PB108616BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.7	80.5
111	39.0	35.2	52.8

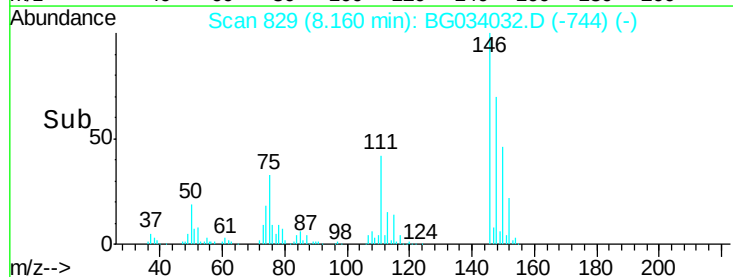
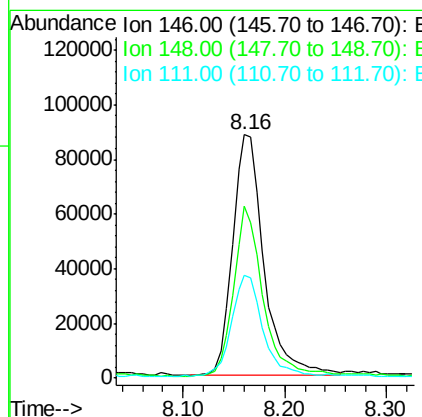
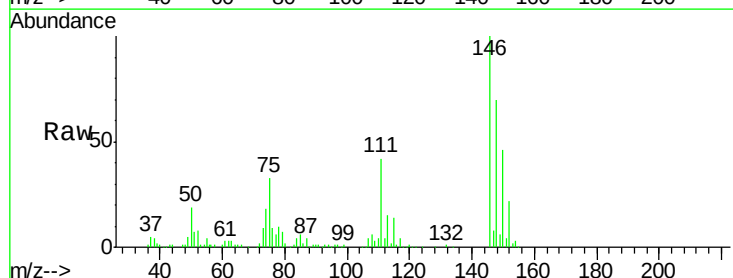
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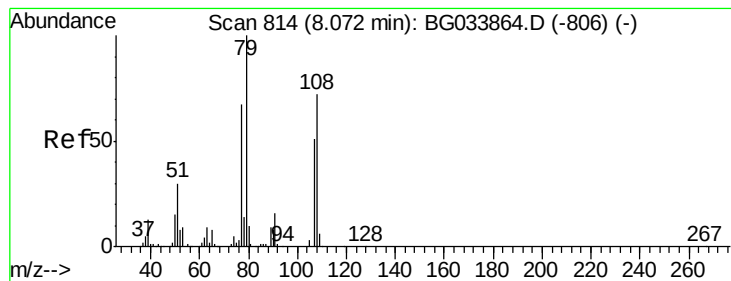
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#14
 1,2-Dichlorobenzene
 Concen: 42.128 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.5	49.3	73.9
111	42.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 29.923 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

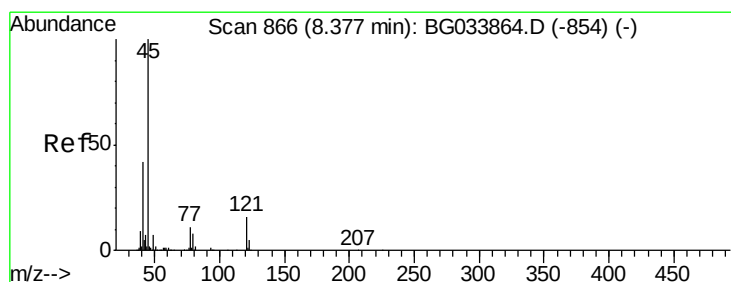
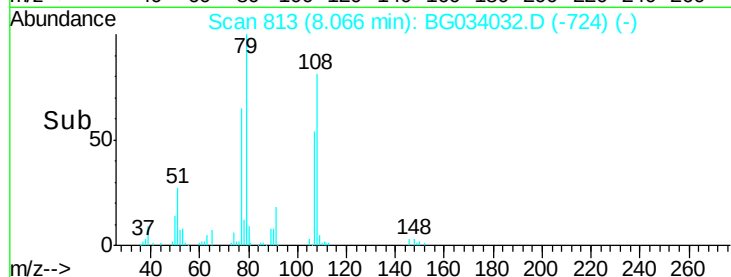
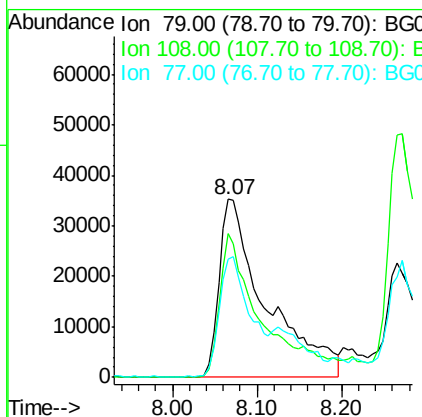
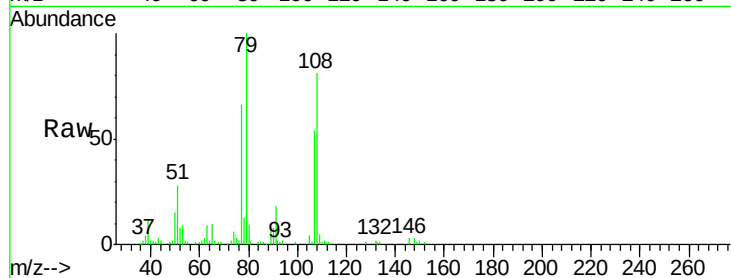
ClientSampleId :

PB108616BSD

Tot Ion:	79	Resp:	134840
Ion Ratio	Lower	Upper	
79	100		
108	80.7	57.2	85.8
77	66.5	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.660 ng

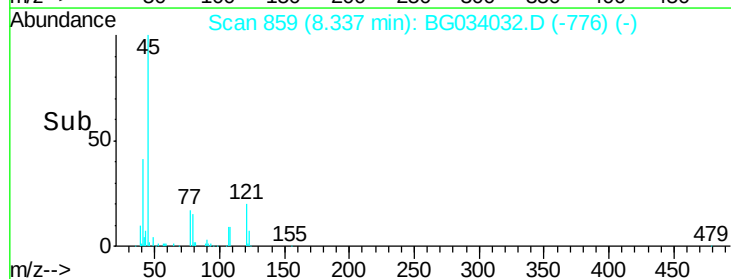
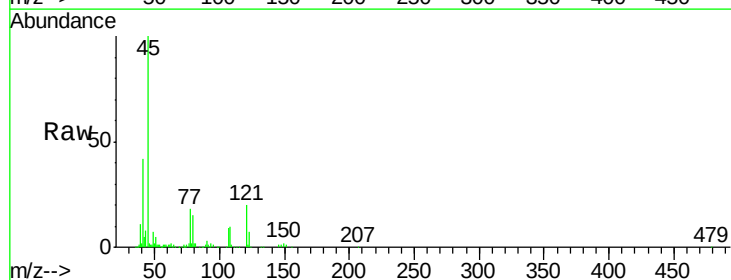
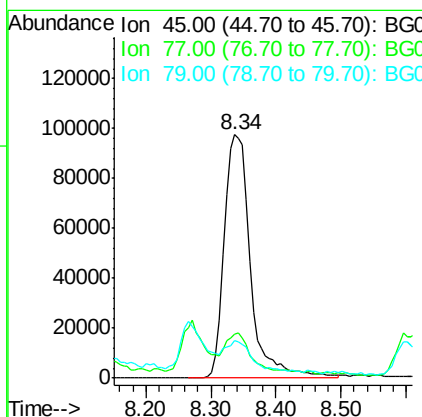
RT: 8.34 min Scan# 859

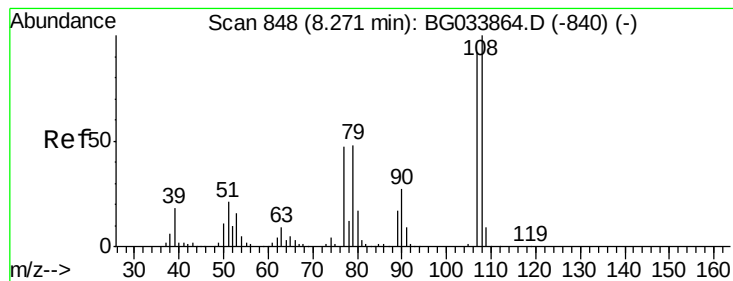
Delta R.T. -0.04 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion:	45	Resp:	273718
Ion Ratio	Lower	Upper	
45	100		
77	18.1	0.0	30.2
79	15.2	0.0	27.9





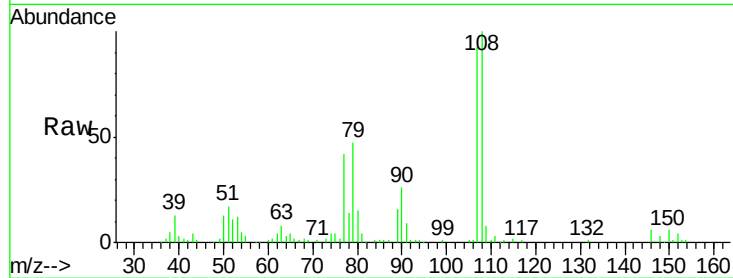
#17
2-Methylphenol
Concen: 33.745 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

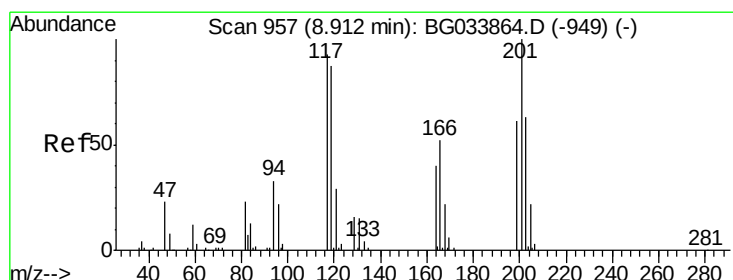
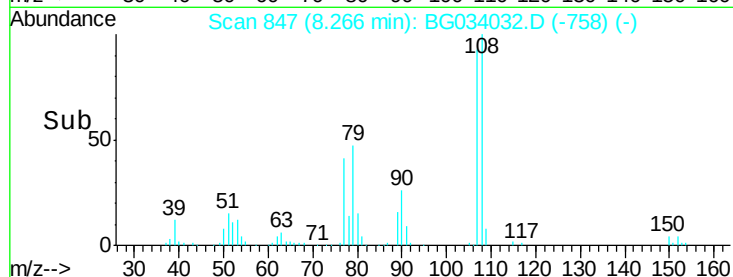
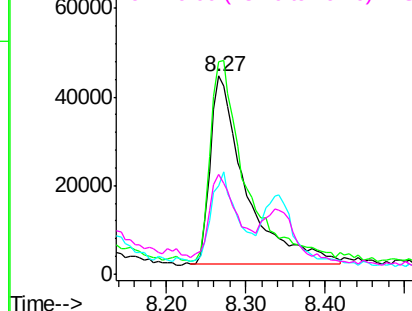
Tot Ion	107	Resp	132385
Ion Ratio	Lower	Upper	
107	100		
108	107.2	83.9	125.9
77	44.6	37.2	55.8
79	50.5	36.2	54.2

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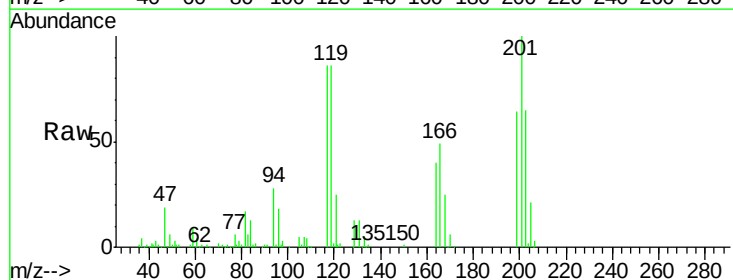


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

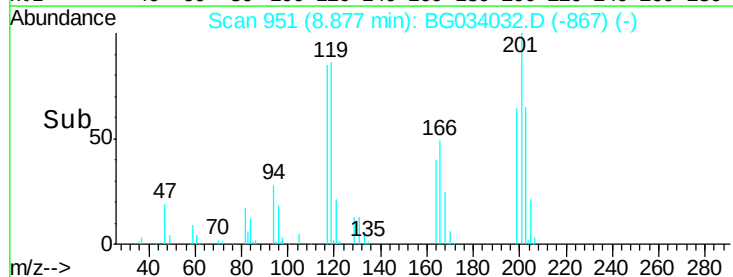
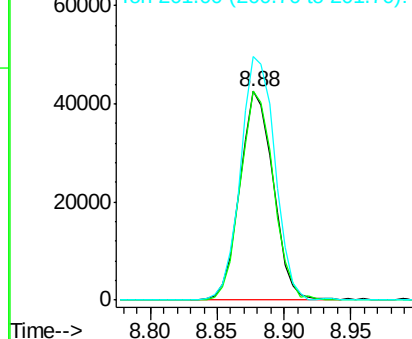


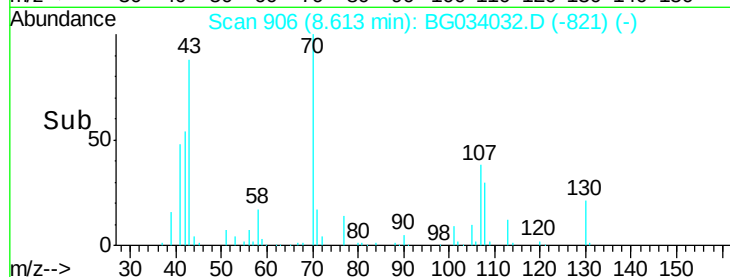
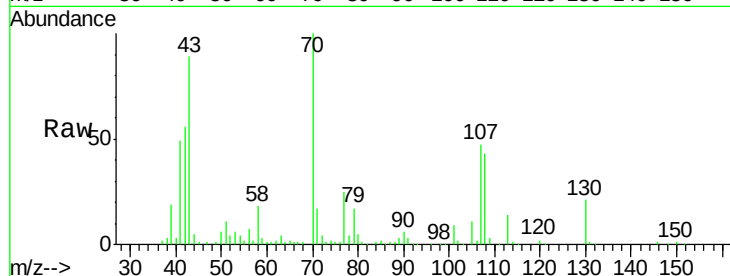
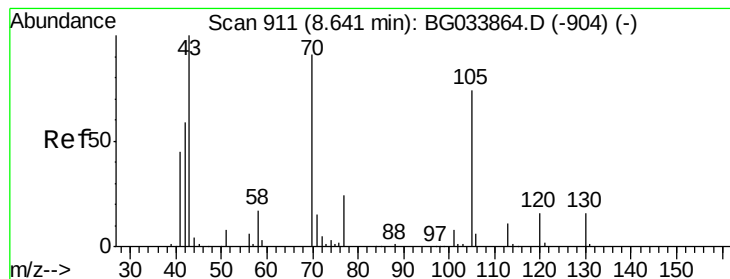
#18
Hexachloroethane
Concen: 43.404 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	117	Resp	73416
Ion Ratio	Lower	Upper	
117	100		
119	100.3	76.7	115.1
201	116.6	95.7	143.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 34.271 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tot Ion:	70	Resp:	150966
Ion Ratio	Lower	Upper	
70	100		
42	55.7	49.1	73.7
101	8.9	8.5	12.7
130	20.7	13.4	20.0#

Instrument :

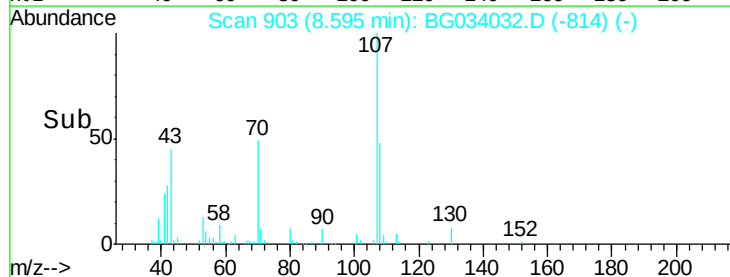
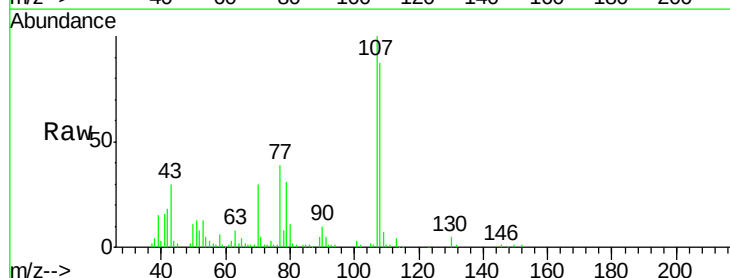
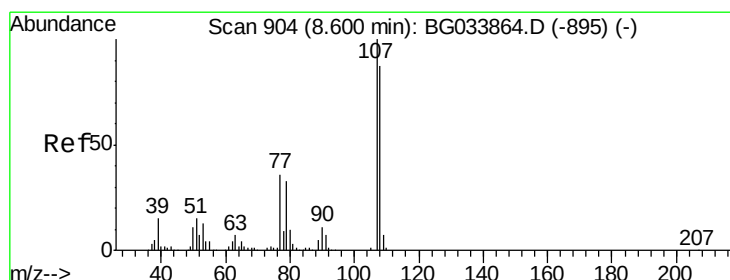
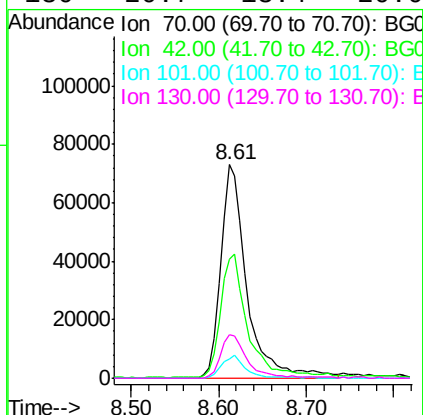
BNA_G

ClientSampleId :

PB108616BSD

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#20

3+4-Methylphenols

Concen: 31.229 ng

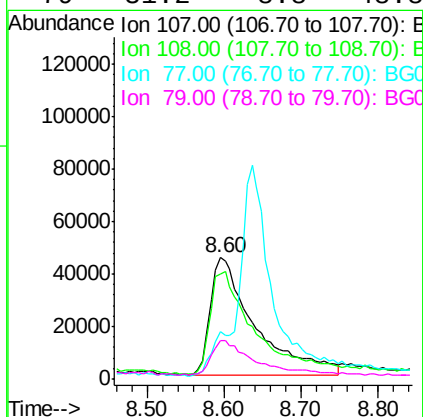
RT: 8.60 min Scan# 903

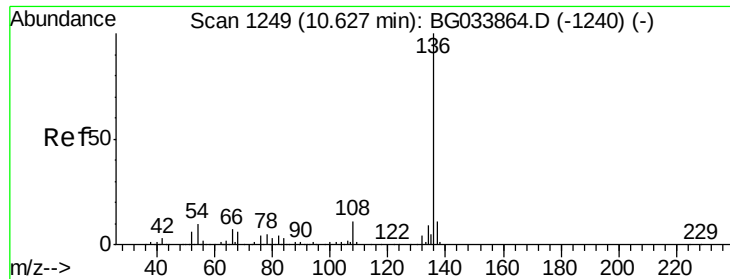
Delta R.T. -0.01 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion:	107	Resp:	178021
Ion Ratio	Lower	Upper	
107	100		
108	86.8	61.6	101.6
77	39.0	13.9	53.9
79	31.2	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.60 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

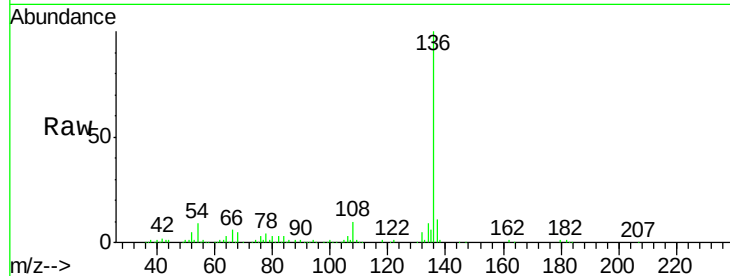
ClientSampleId :

PB108616BSD

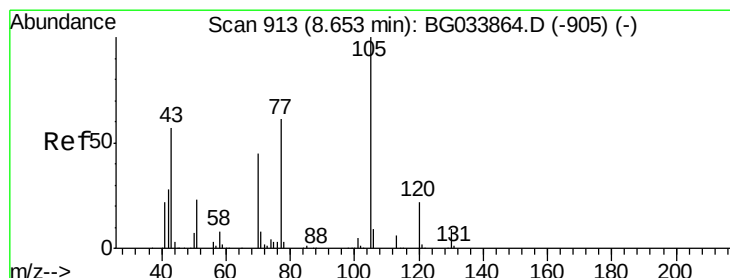
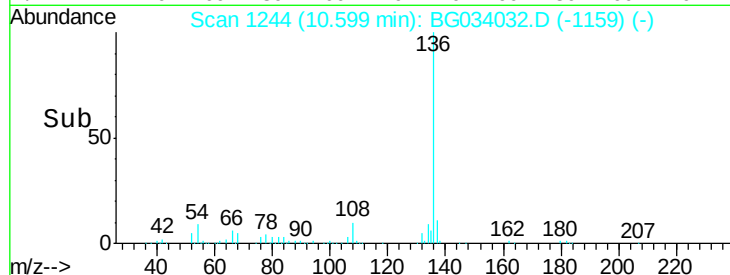
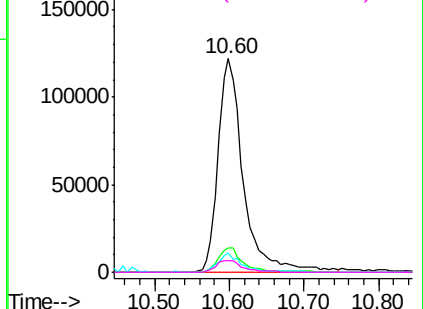
Tot Ion	Ratio	Resp	Lower	Upper
136	100	286778		
137	11.4	9.2	13.8	
54	8.9	10.3	15.5	
68	5.5	4.5	6.7	

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 33.465 ng

RT: 8.64 min Scan# 910

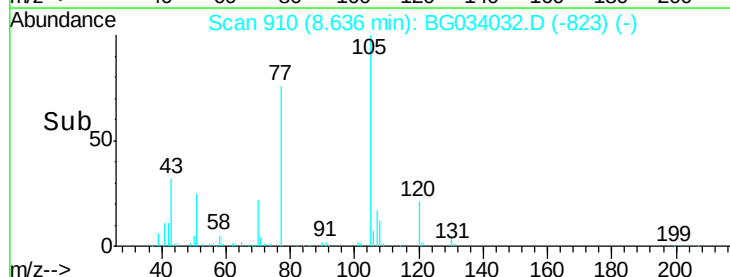
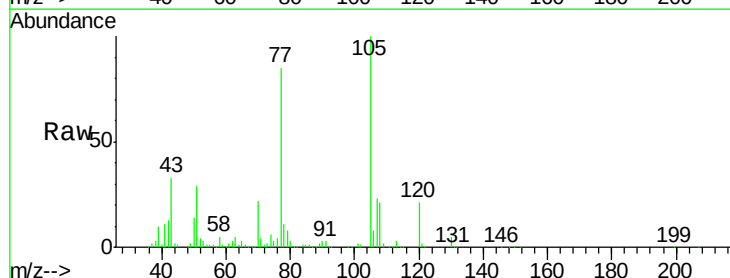
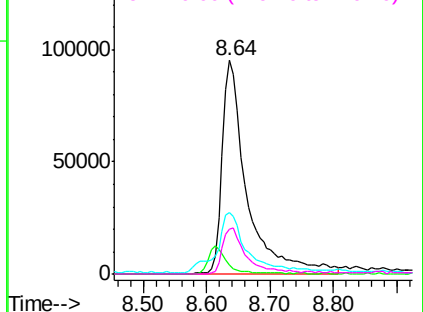
Delta R.T. -0.02 min

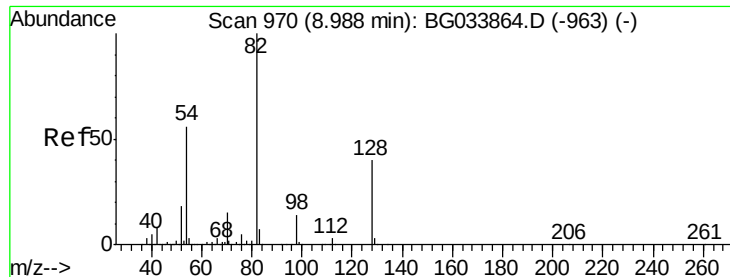
Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261203		
71	4.1	3.0	4.4	
51	28.9	26.1	39.1	
120	21.3	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E





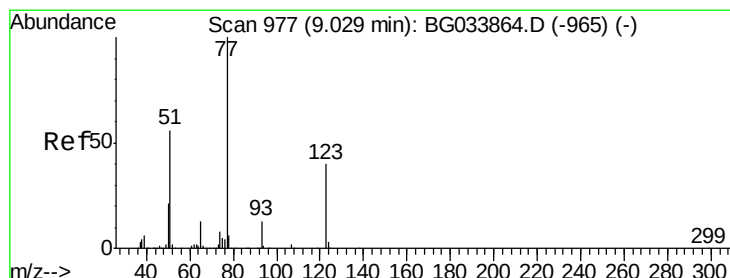
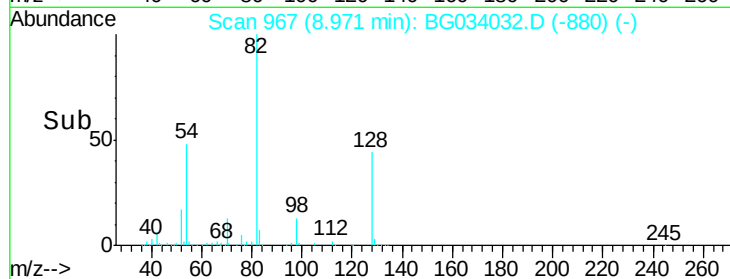
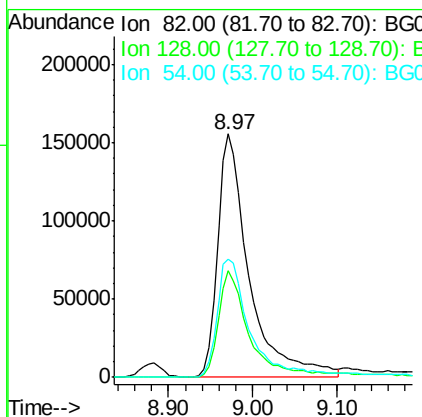
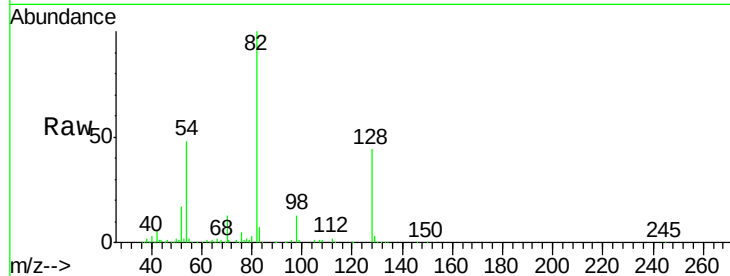
#23
 Nitrobenzene-d5
 Concen: 79.828 ng
 RT: 8.97 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	48.5	43.1	64.7

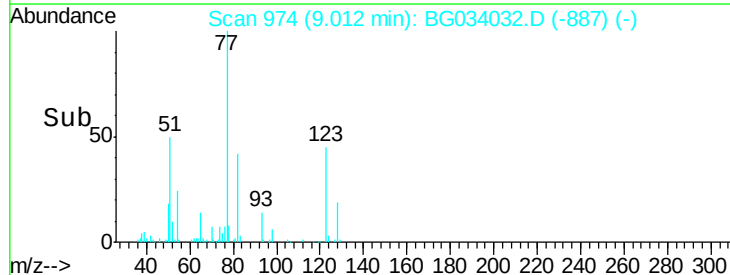
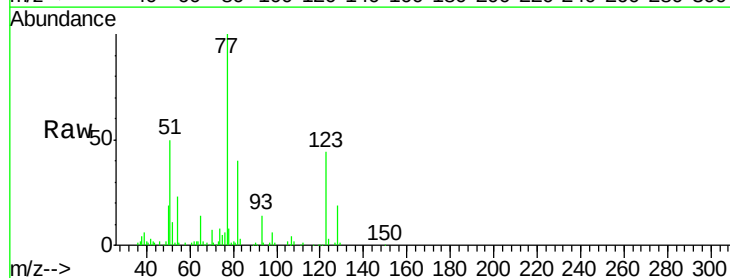
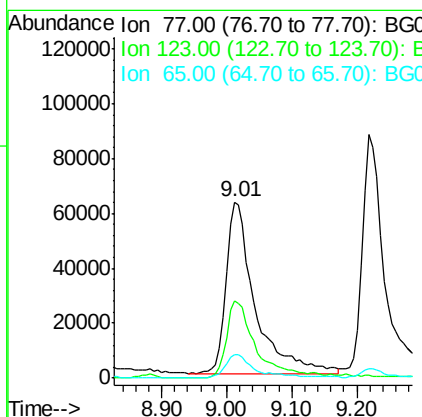
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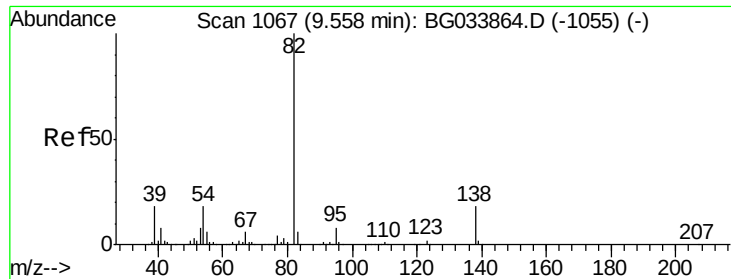
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#24
 Nitrobenzene
 Concen: 35.965 ng
 RT: 9.01 min Scan# 974
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.0	49.6
65	13.6	13.0	19.6





#25

Isophorone

Concen: 38.046 ng

RT: 9.52 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

ClientSampleId :

PB108616BSD

Tot Ion: 82 Resp: 431047

Ion Ratio Lower Upper

82 100

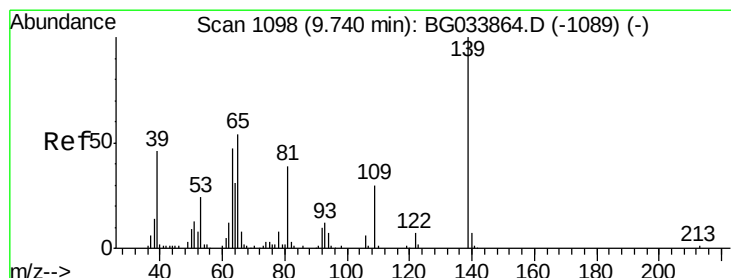
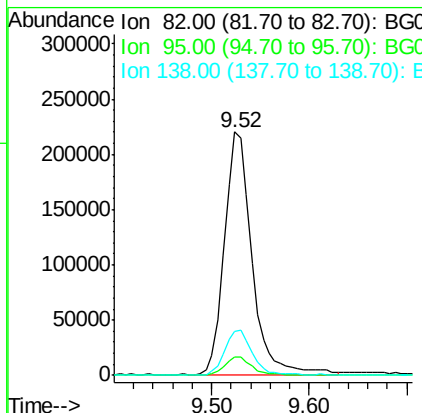
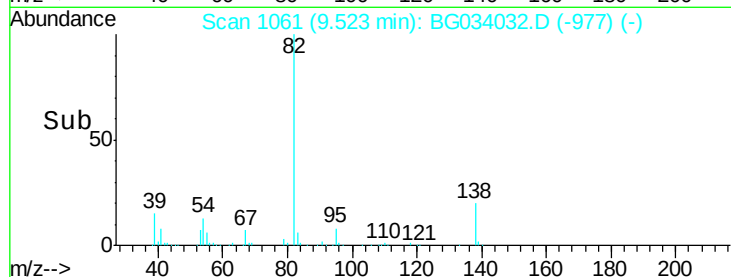
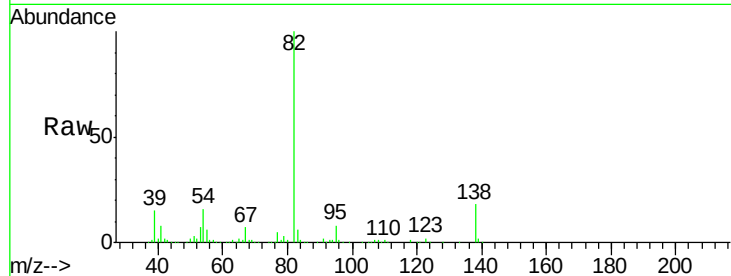
95 7.7 6.2 9.2

138 18.2 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.899 ng

RT: 9.72 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

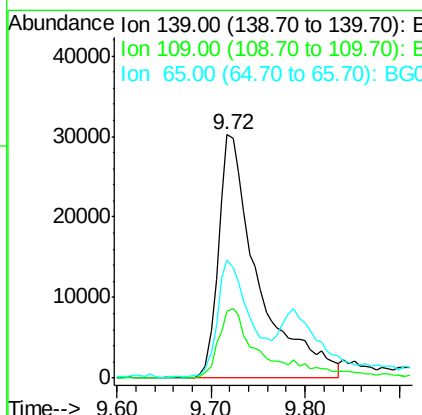
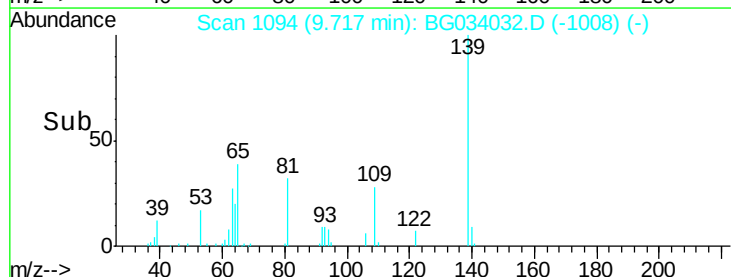
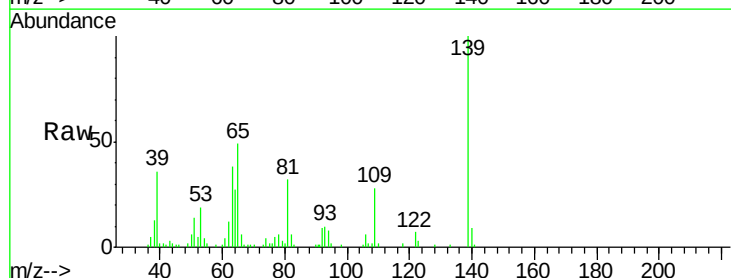
Tgt Ion: 139 Resp: 88739

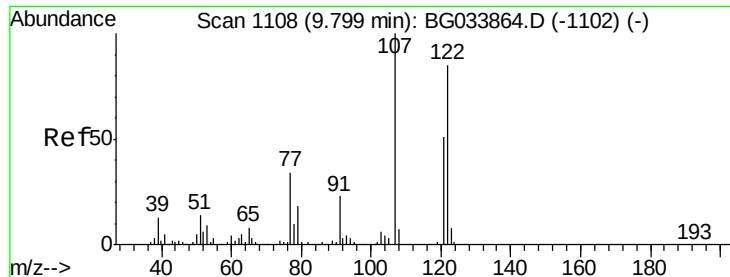
Ion Ratio Lower Upper

139 100

109 27.6 24.2 36.2

65 48.6 47.4 71.0





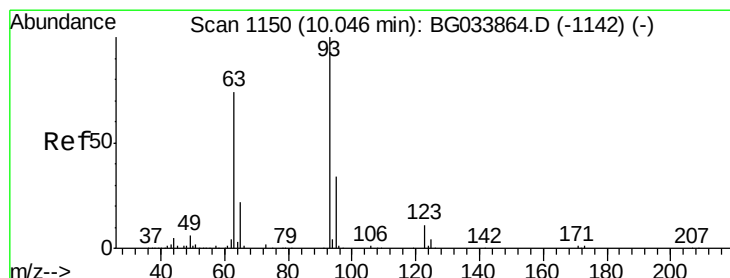
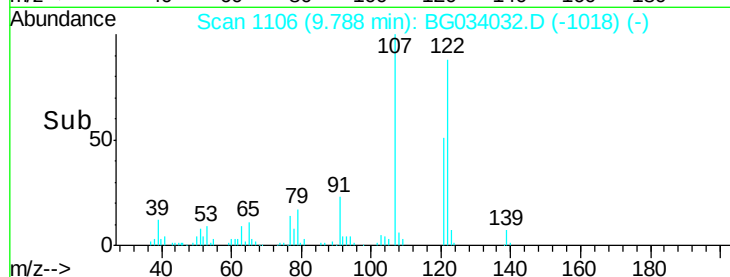
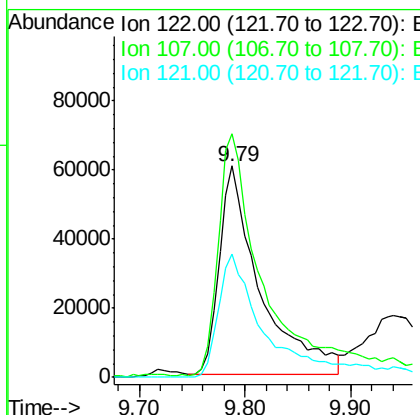
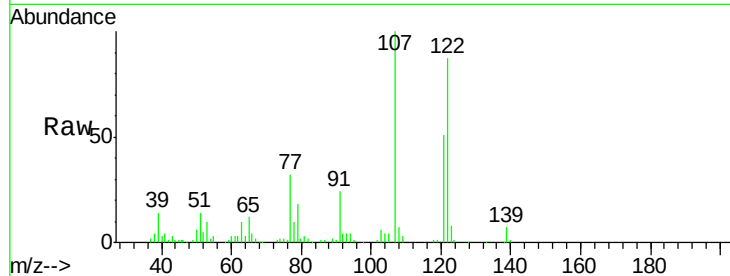
#27
2,4-Dimethylphenol
Concen: 40.157 ng
RT: 9.79 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	100.2	150.2
121	58.5	44.4	66.6

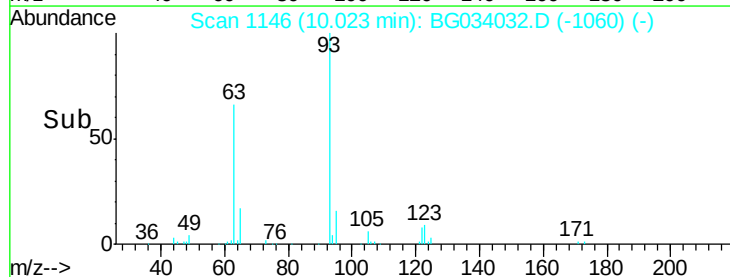
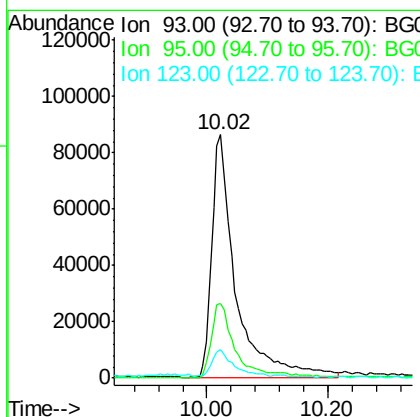
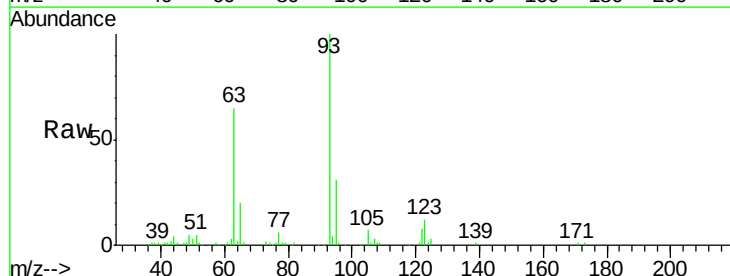
Manual Integrations
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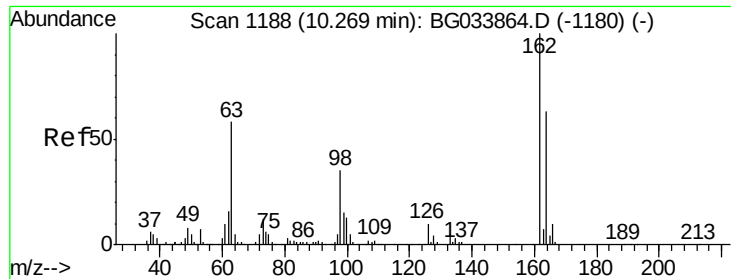
Sohil
4/27/2018 7:31:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.649 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	24.3	36.5
123	11.6	8.4	12.6





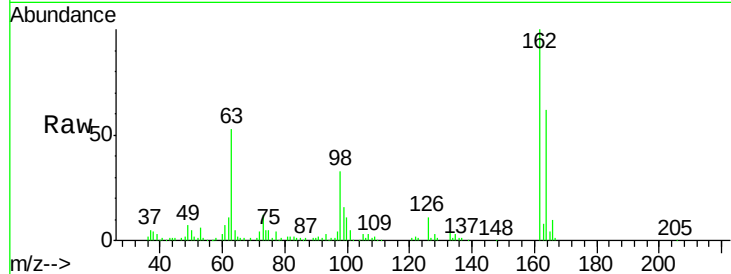
#29
2,4-Dichlorophenol
Concen: 44.937 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

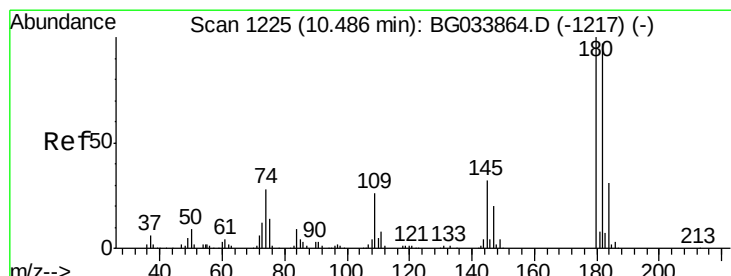
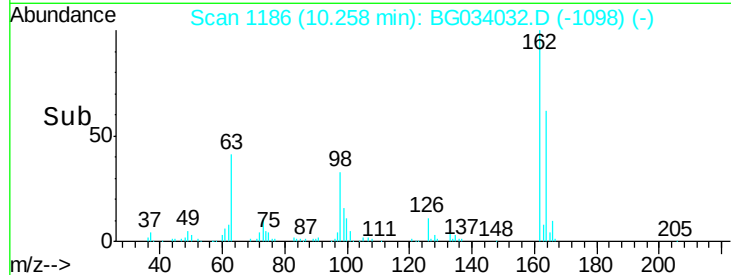
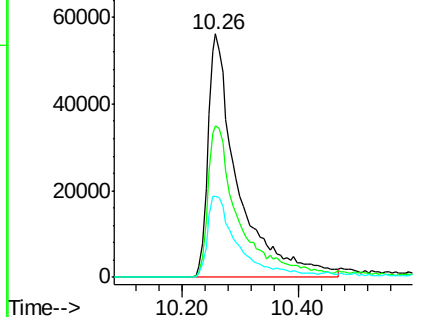
Tot Ion	Ratio	Resp	Lower	Upper
162	100	203298		
164	62.4	48.0	88.0	
98	33.2	21.1	61.1	

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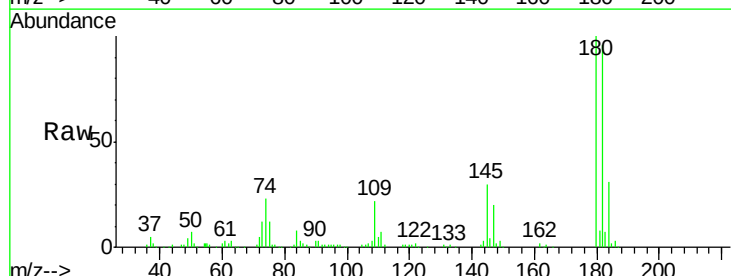


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

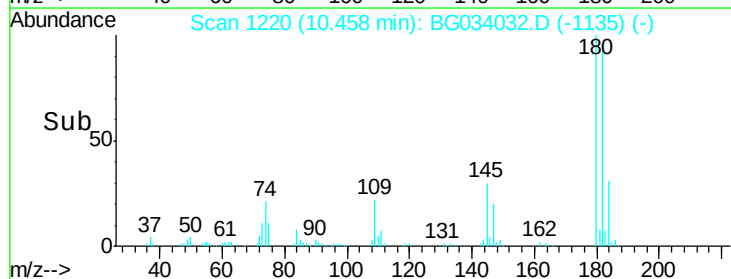
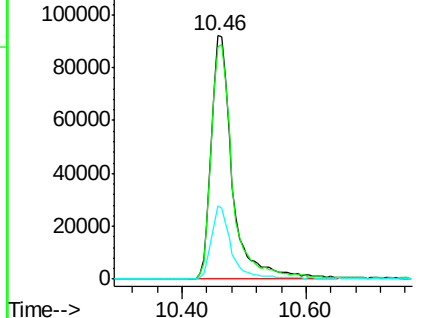


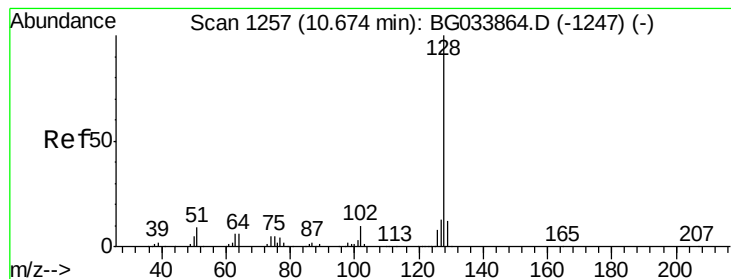
#30
1,2,4-Trichlorobenzene
Concen: 43.115 ng
RT: 10.46 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	218468		
182	95.6	77.5	116.3	
145	30.1	23.4	35.2	



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





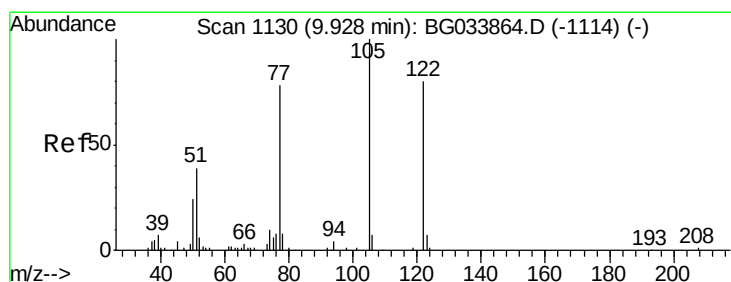
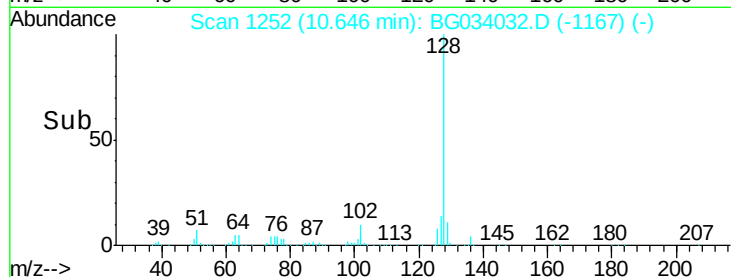
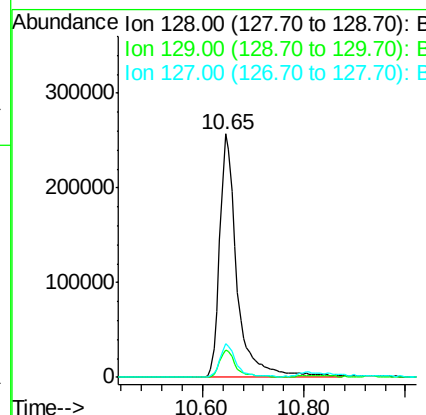
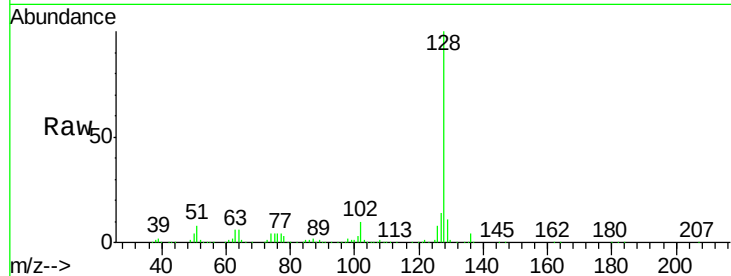
#31
Naphthalene
Concen: 41.717 ng
RT: 10.65 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	615210		
129	11.2	8.6	12.8	
127	13.9	11.6	17.4	

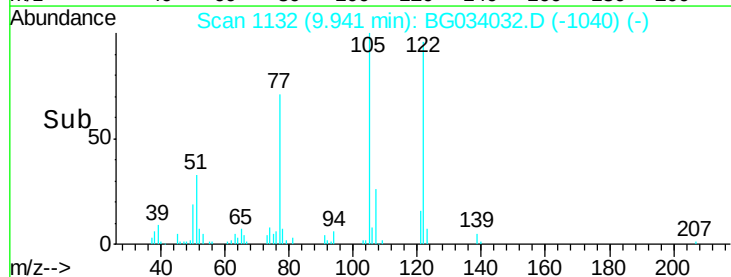
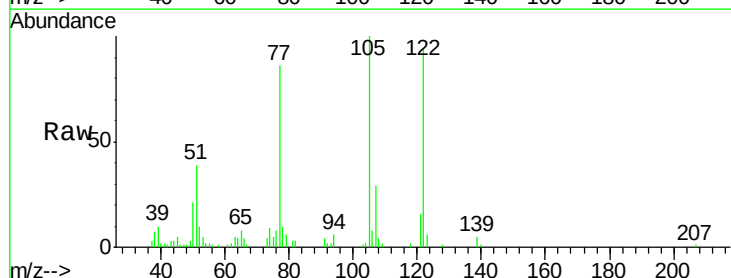
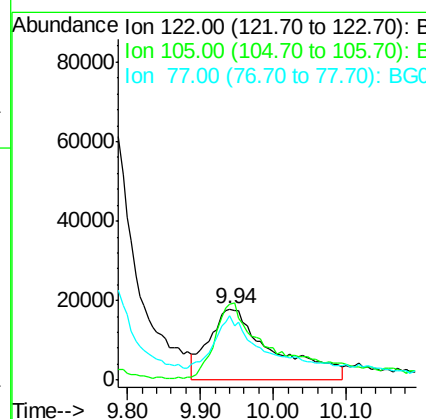
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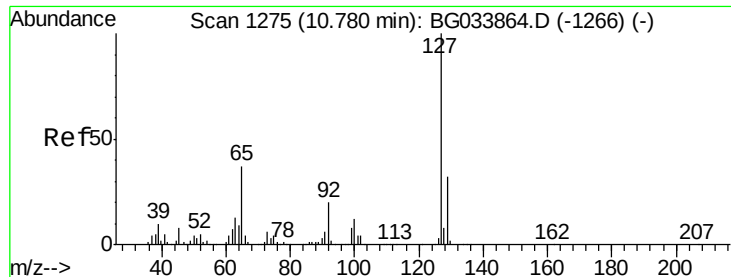
Sohil
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#32
Benzoic acid
Concen: 29.216 ng m
RT: 9.94 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	109173		
105	106.7	123.5	163.5#	
77	91.3	85.7	125.7	





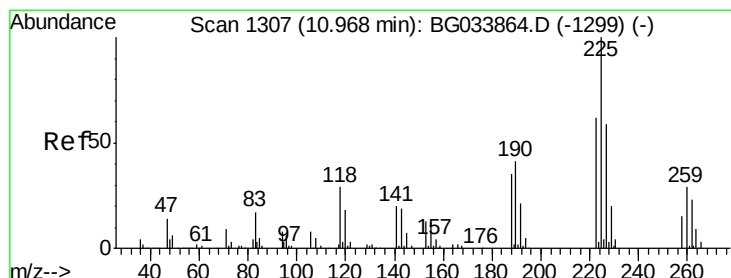
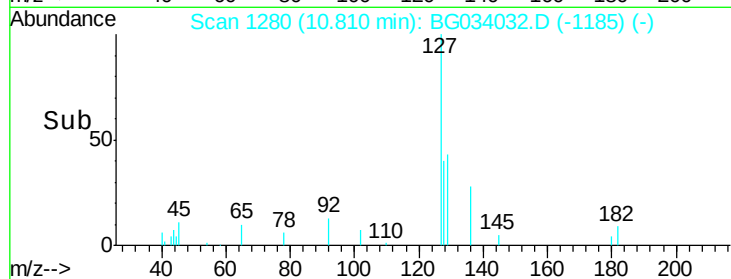
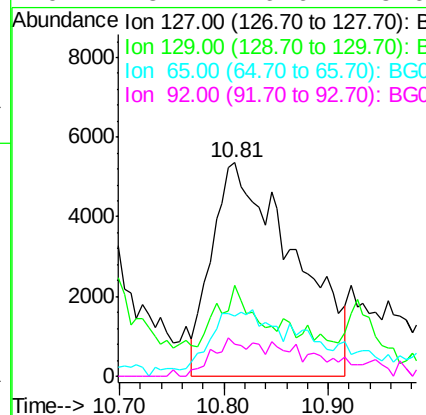
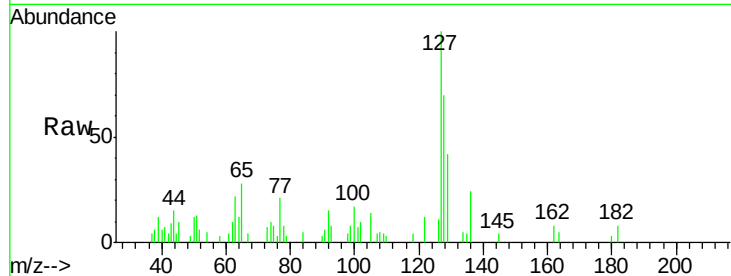
#33
4-Chloroaniline
Concen: 4.238 ng/ml
RT: 10.81 min Scan# 1280
Delta R.T. 0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		29374		
129	42.3	24.0	36.0#		
65	28.2	27.0	40.4		
92	15.1	16.6	25.0#		

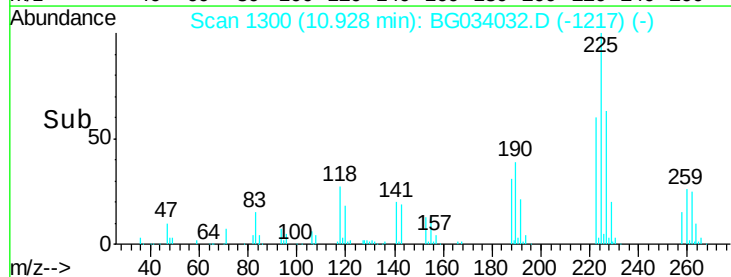
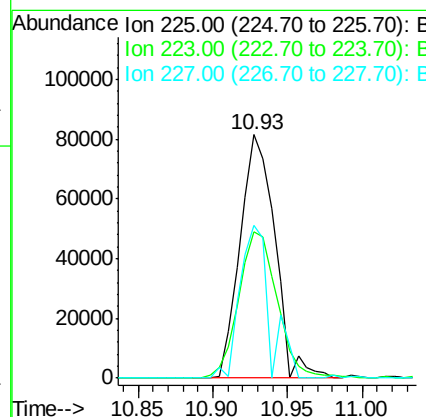
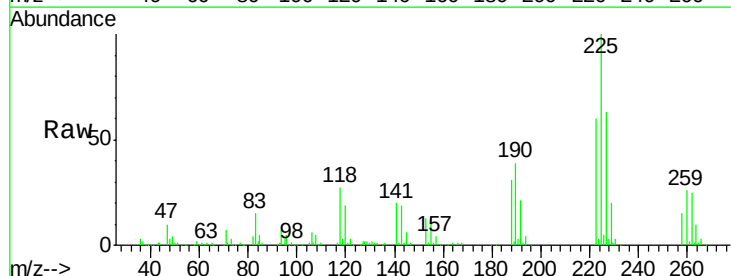
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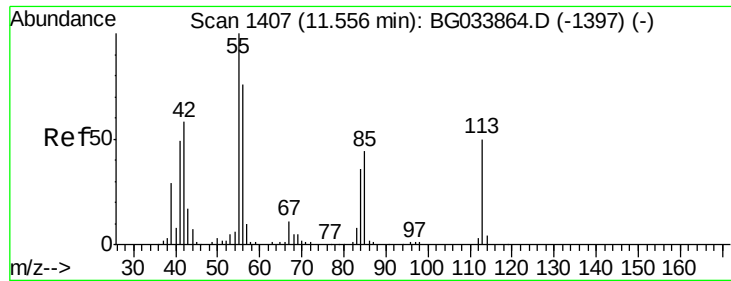
Sohil
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#34
Hexachlorobutadiene
Concen: 43.322 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		131319		
223	60.1	49.7	74.5		
227	62.3	48.1	72.1		





#35

Caprolactam

Concen: 40.313 ng/ml

RT: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

ClientSampleId :

PB108616BSD

Tot Ion:113 Resp: 77540

Ion Ratio Lower Upper

113 100

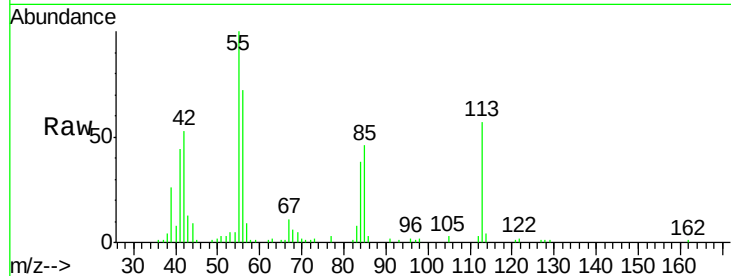
55 174.6 186.9 226.9#

56 126.5 130.9 170.9#

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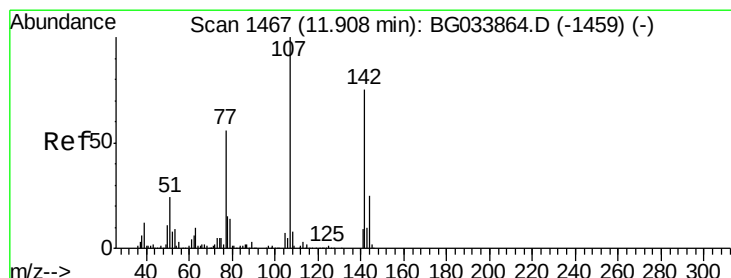
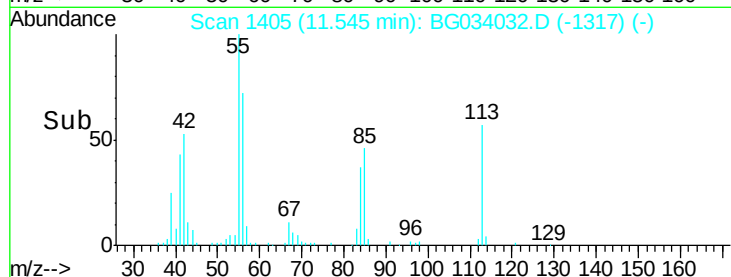
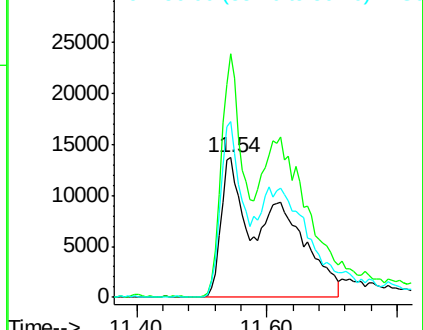
4/27/2018 7:31:13 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG033864.D (-1397) (-)

Ion 56.00 (55.70 to 56.70): BG033864.D (-1397) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.496 ng/ml

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

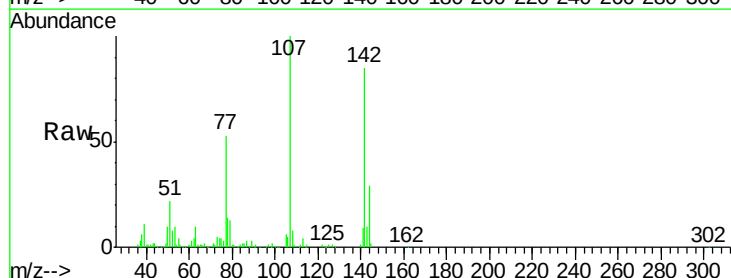
Tgt Ion:107 Resp: 223608

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

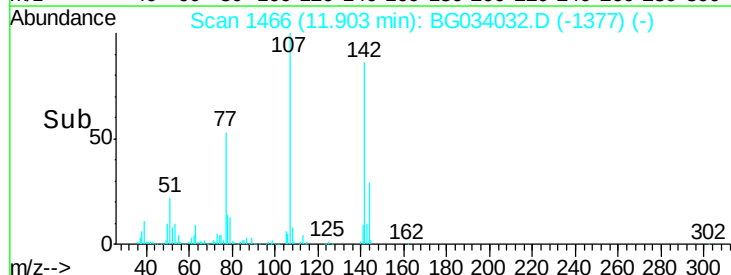
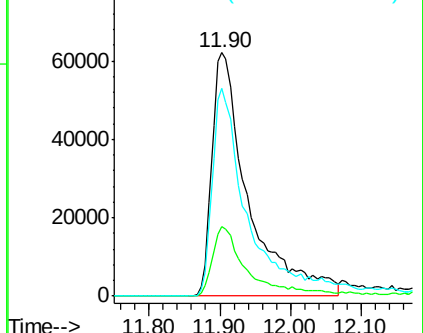
142 85.3 59.0 88.4

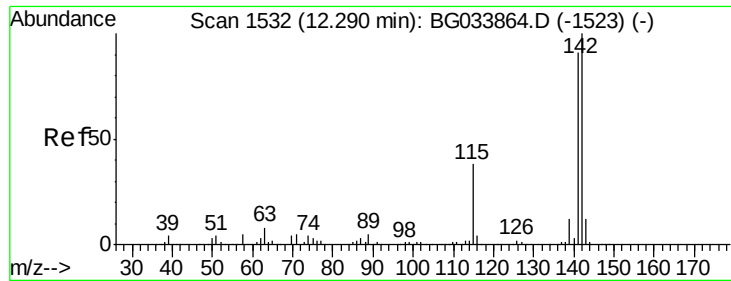


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





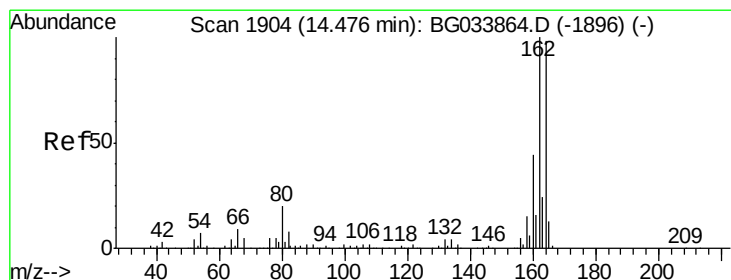
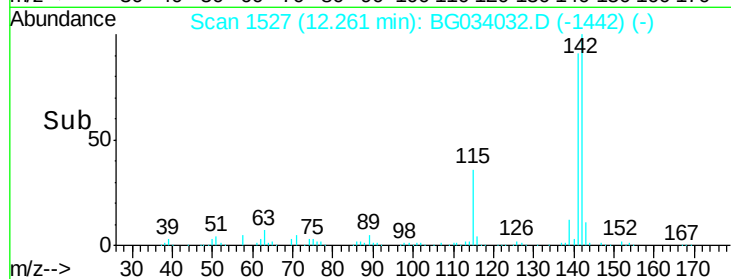
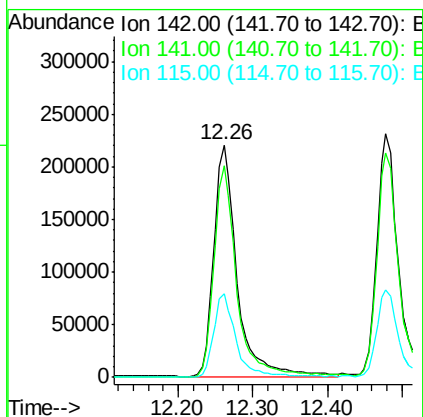
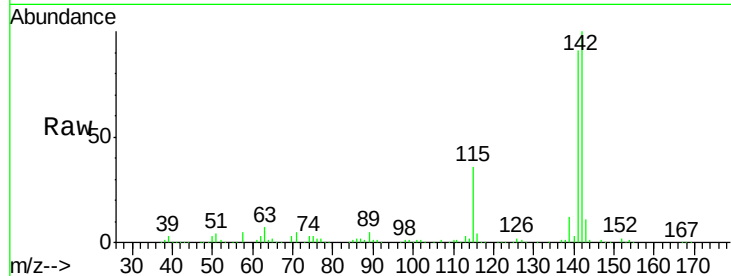
#37
2-Methylnaphthalene
Concen: 42.056 ng
RT: 12.26 min Scan# 1527
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	67.1	100.7
115	35.7	30.7	46.1

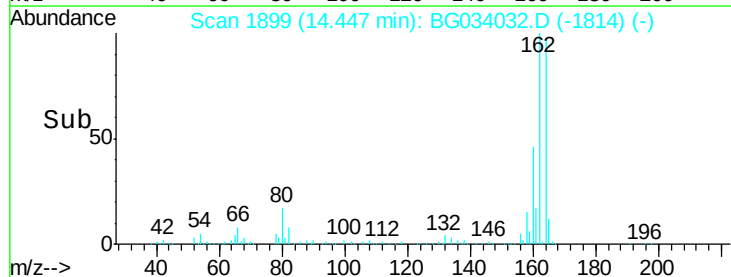
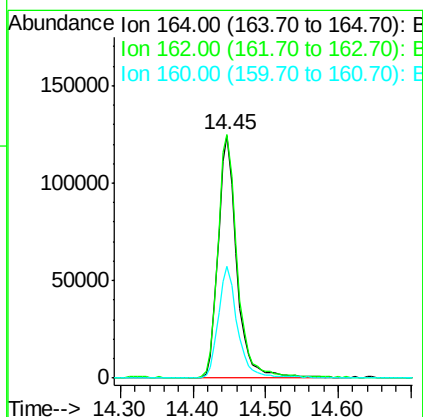
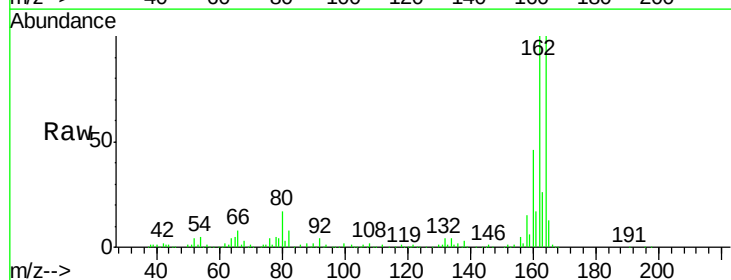
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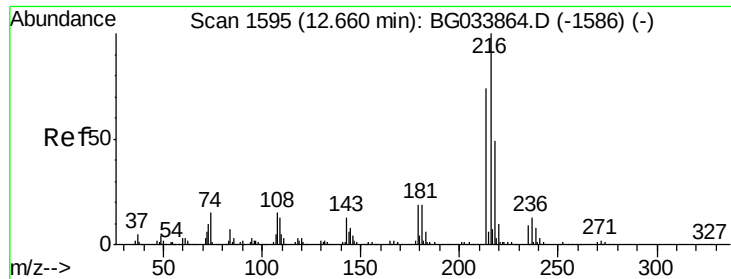
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	45.8	35.4	53.0





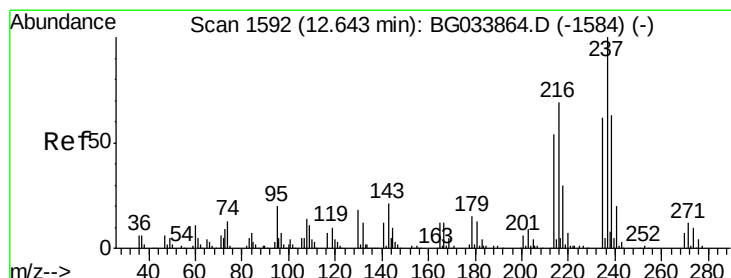
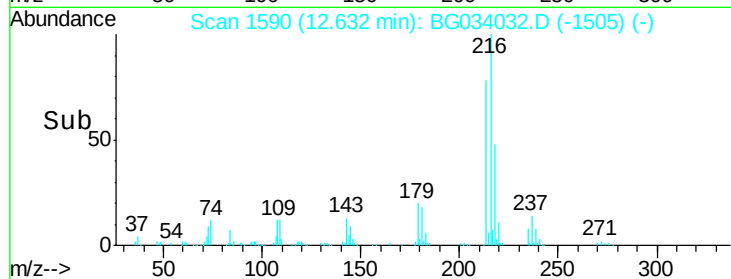
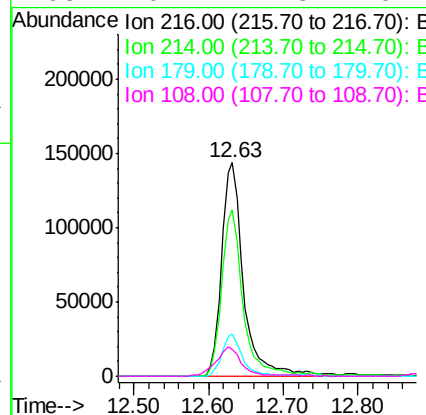
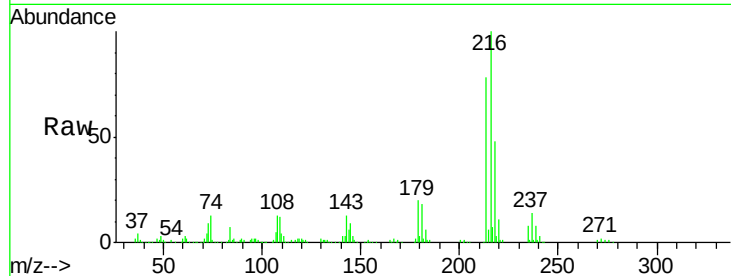
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.529 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		293428		
214	75.4		63.0	94.4	
179	19.2		17.0	25.6	
108	16.1		12.8	19.2	

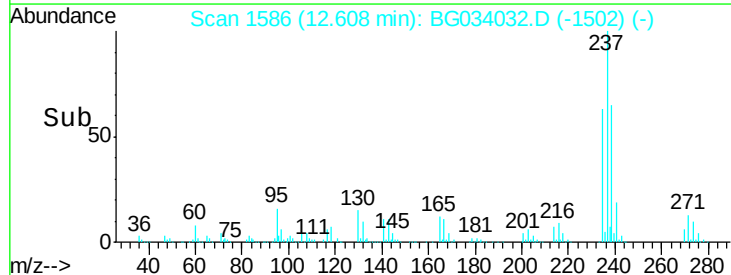
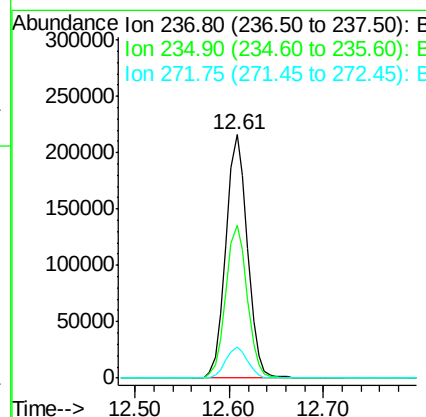
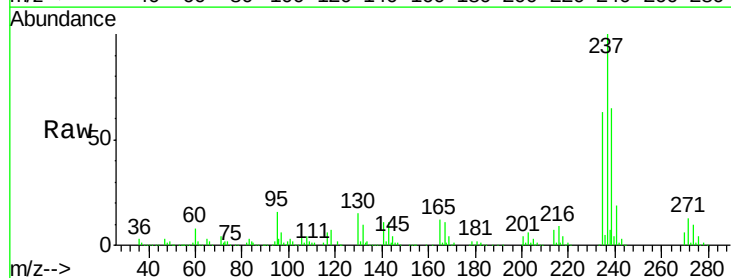
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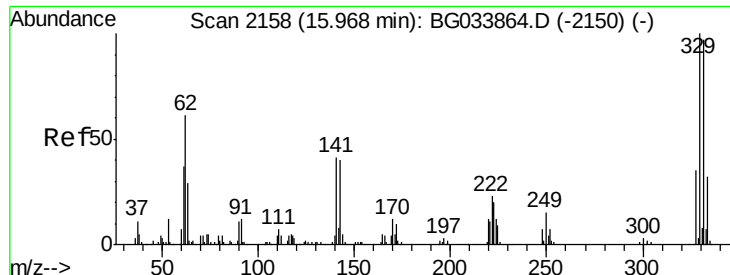
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#40
 Hexachlorocyclopentadiene
 Concen: 84.852 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		346329		
235	62.9		50.4	90.4	
272	12.7		0.0	31.8	





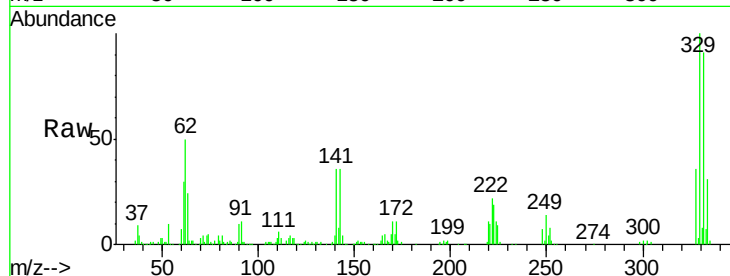
#41
 2,4,6-Tribromophenol
 Concen: 103.506 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

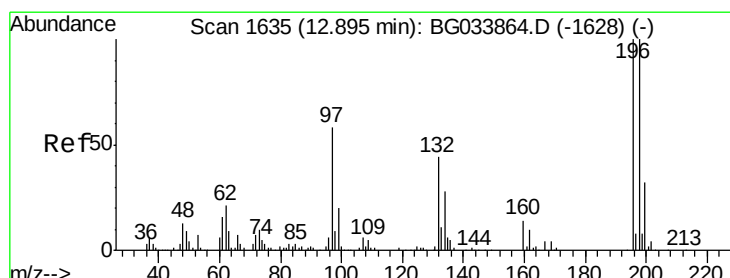
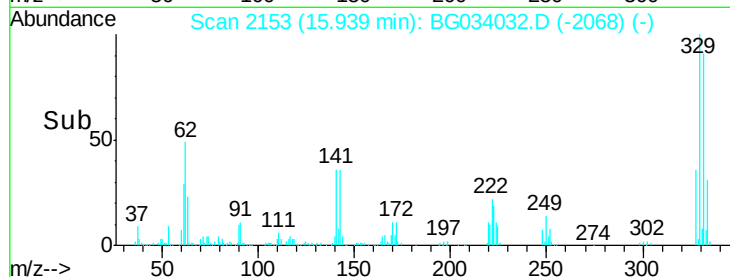
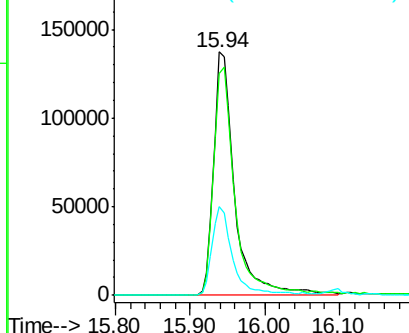
Tot Ion	Ratio	Resp	Lower	Upper
330	100	269947		
332	94.7	77.0	115.6	
141	34.9	25.2	37.8	

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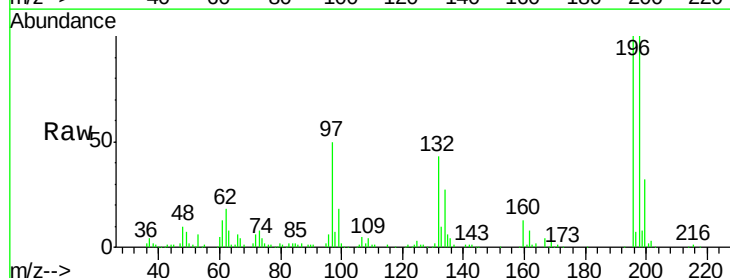


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

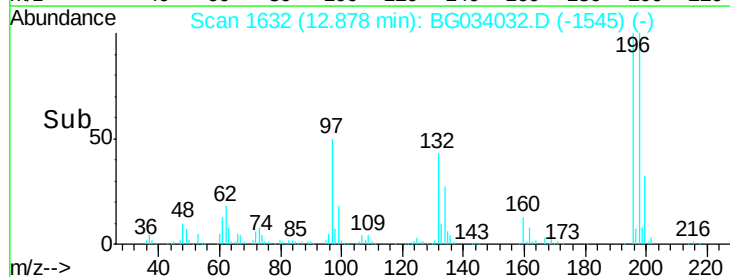
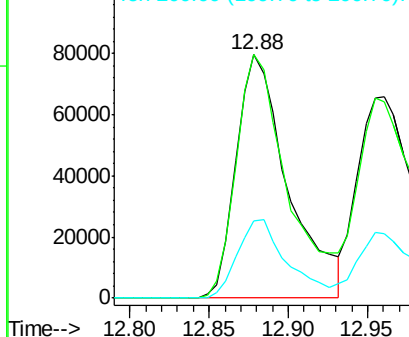


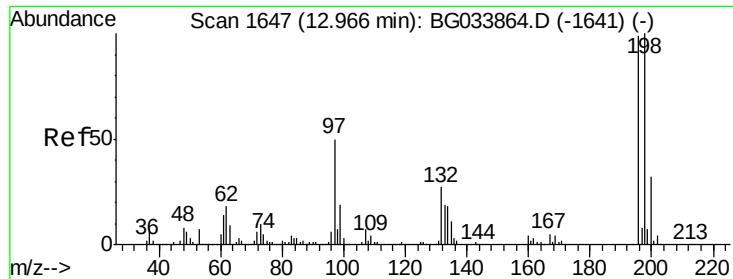
#42
 2,4,6-Trichlorophenol
 Concen: 39.886 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180521		
198	100.0	78.2	117.2	
200	32.0	24.6	36.8	



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





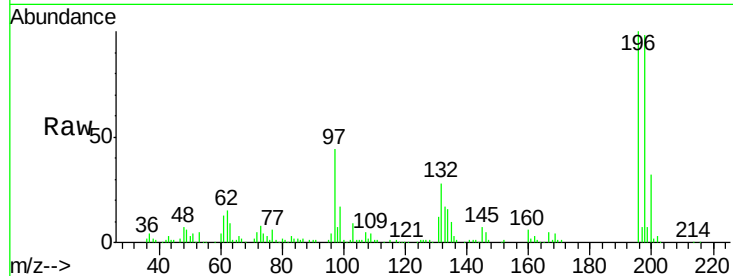
#43
 2,4,5-Trichlorophenol
 Concen: 45.802 ng/mL
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleID :
 PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	238317		
198	97.9	76.2	114.4	
97	43.6	38.7	58.1	
132	27.9	20.2	30.2	

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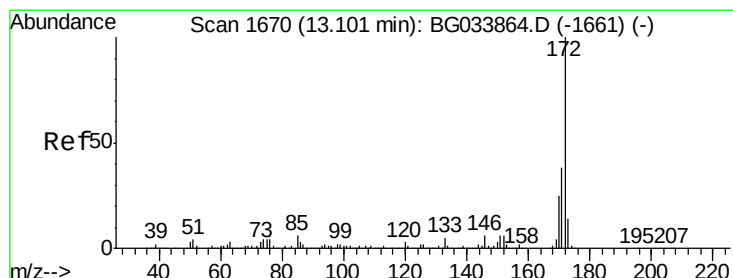
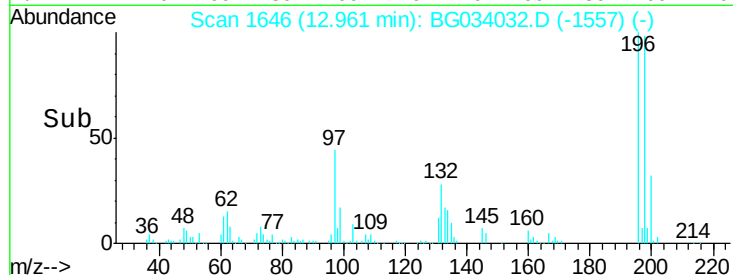
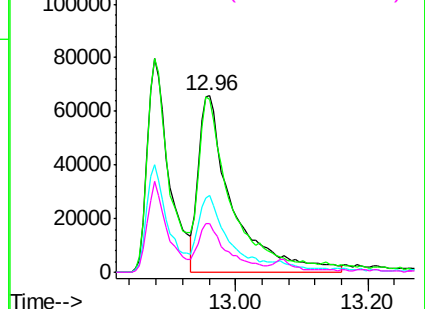
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

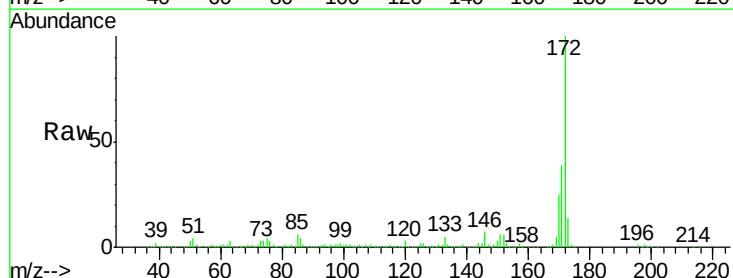
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.596 ng/mL
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1302557		
171	38.7	30.0	45.0	
170	25.5	19.5	29.3	

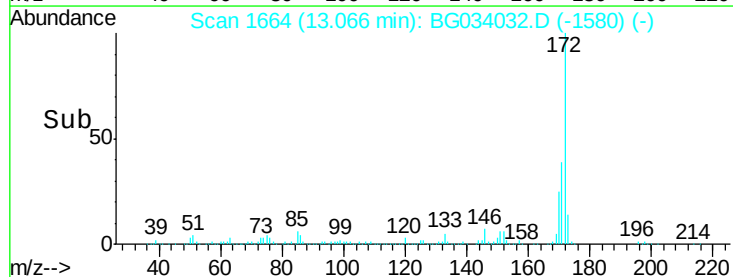
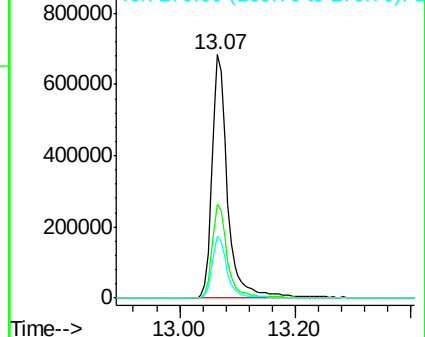


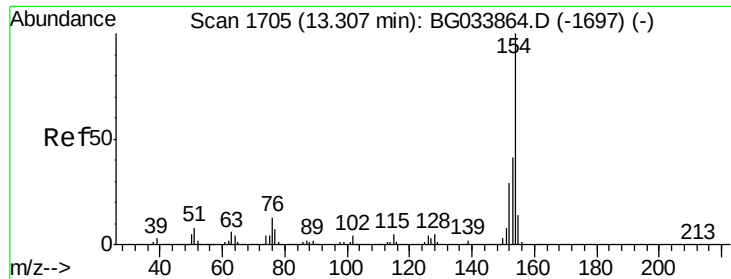
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.252 ng

RT: 13.28 min Scan# 1700

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

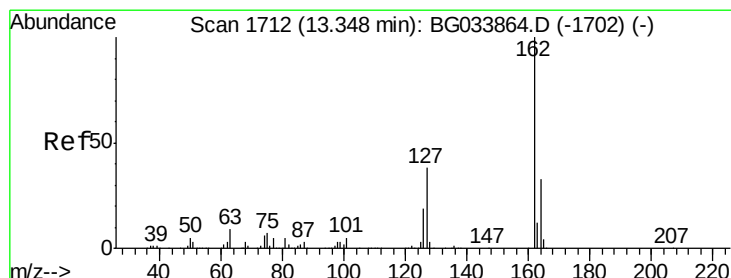
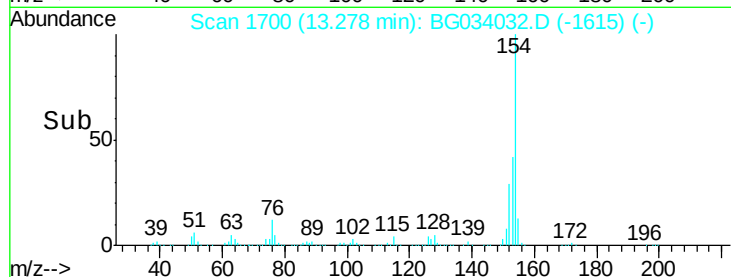
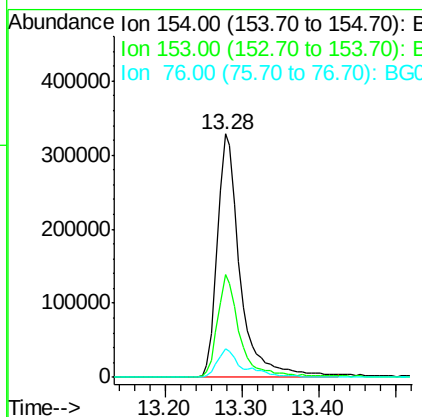
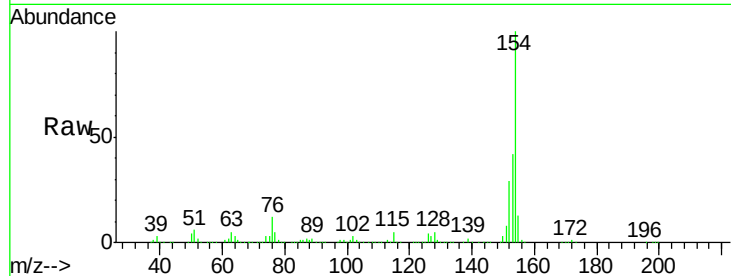
ClientSampleId :

PB108616BSD

Tot Ion:	154	Resp:	674116
Ion Ratio	Lower	Upper	
154	100		
153	42.0	19.8	59.8
76	11.9	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 37.863 ng

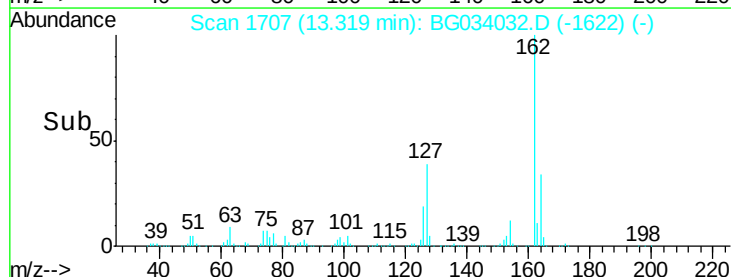
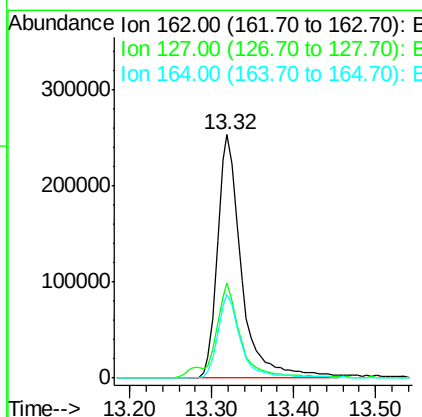
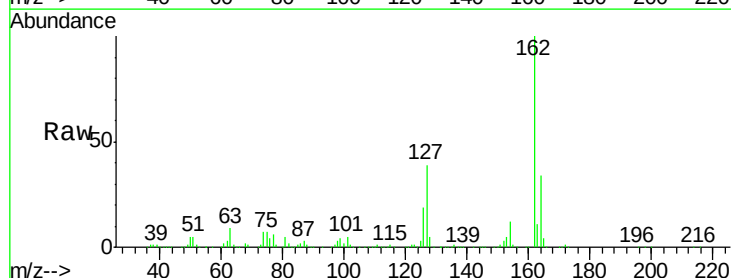
RT: 13.32 min Scan# 1707

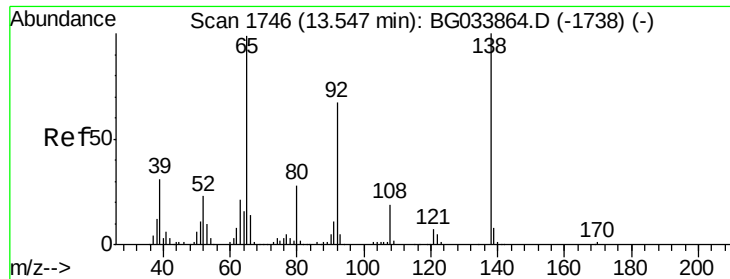
Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion:	162	Resp:	519524
Ion Ratio	Lower	Upper	
162	100		
127	39.2	30.7	46.1
164	34.4	26.0	39.0





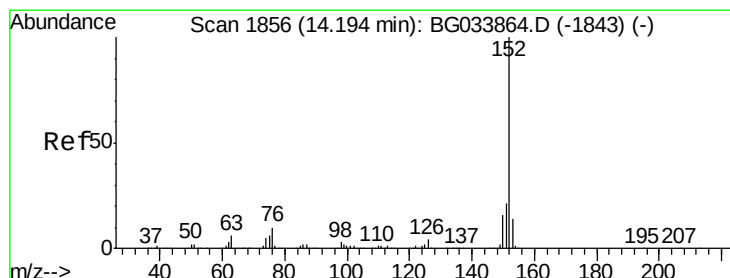
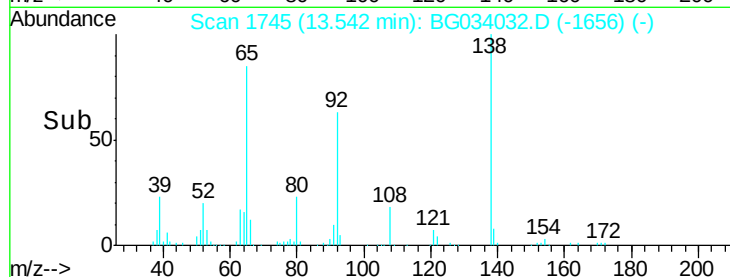
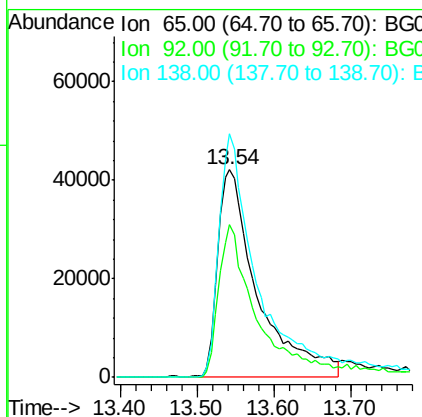
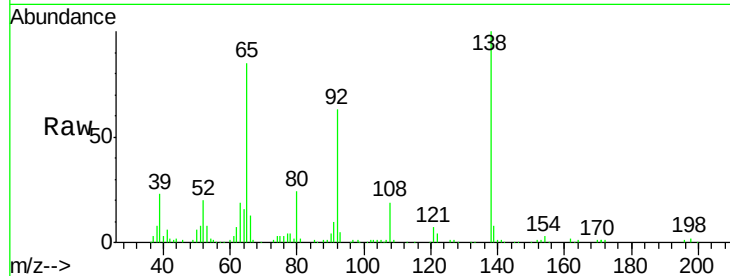
#47
2-Nitroaniline
Concen: 35.567 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.6	54.6	82.0
138	117.4	72.9	109.3

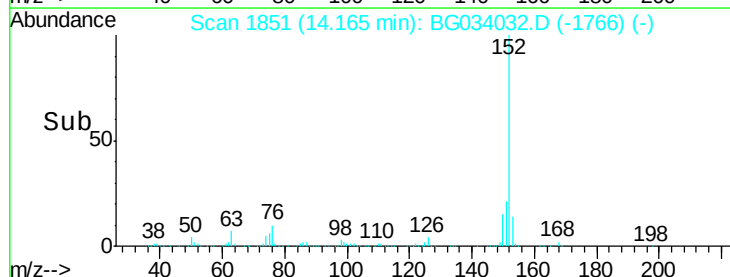
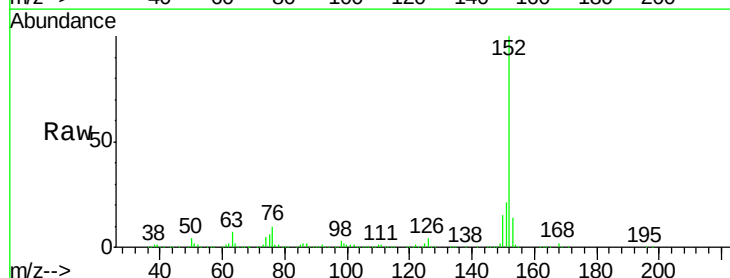
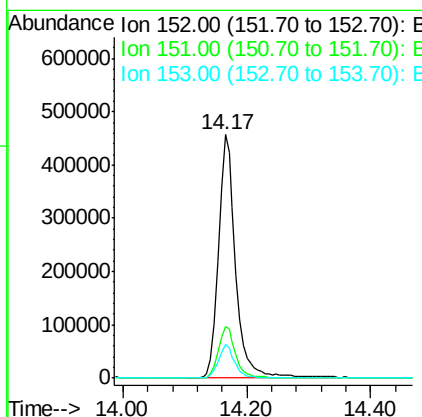
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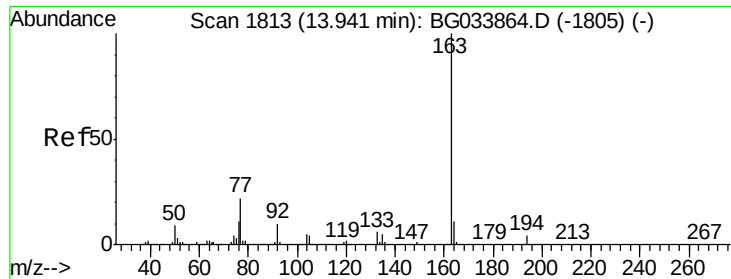
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#48
Acenaphthylene
Concen: 38.232 ng
RT: 14.17 min Scan# 1851
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	14.0	10.2	15.4





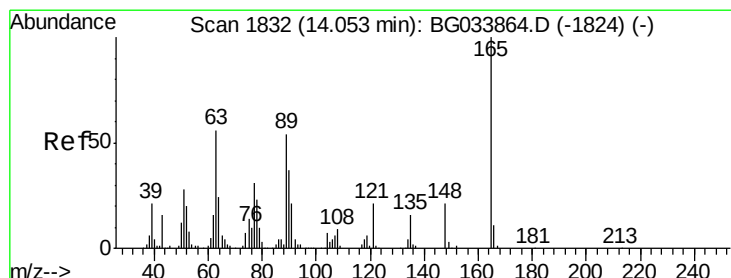
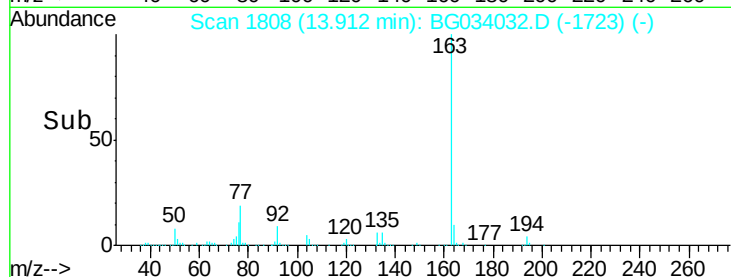
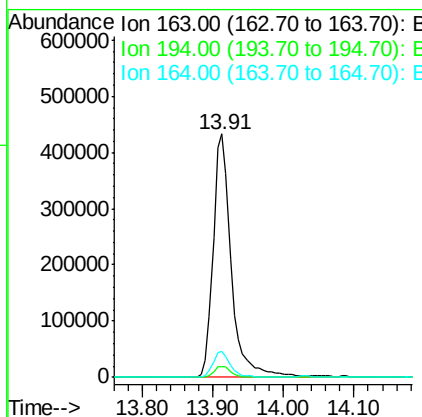
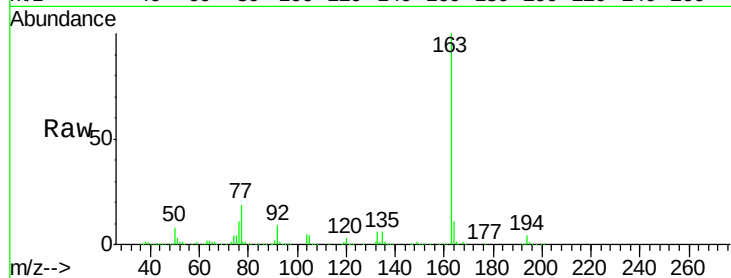
#49
Dimethylphthalate
Concen: 39.559 ng
RT: 13.91 min Scan# 1808
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	777895		
194	4.5		3.4	5.2
164	10.8		8.2	12.4

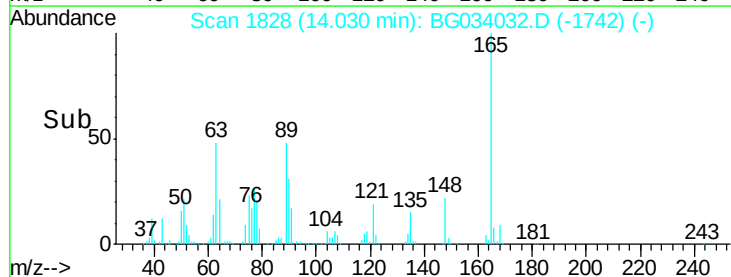
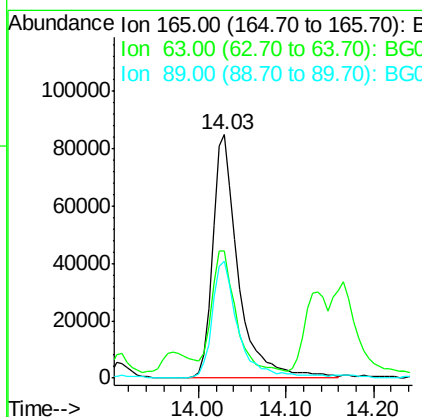
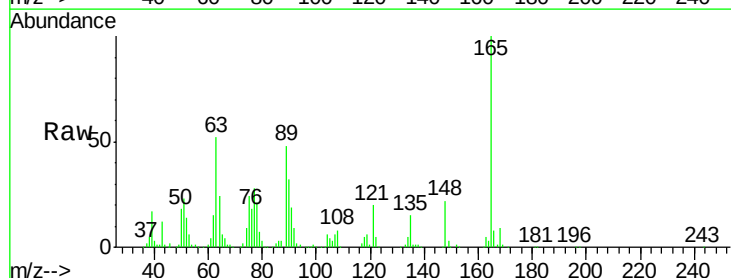
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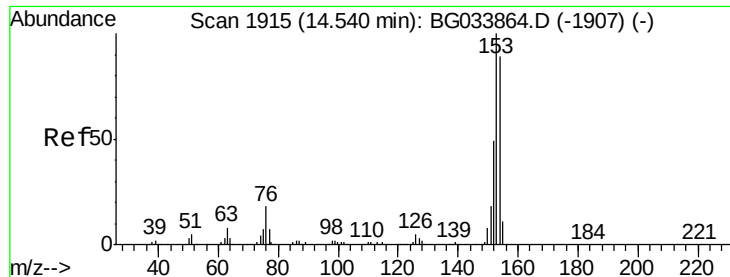
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#50
2,6-Dinitrotoluene
Concen: 45.958 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171267		
63	52.2		52.7	79.1#
89	48.3		49.2	73.8#





#51

Acenaphthene

Concen: 36.013 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

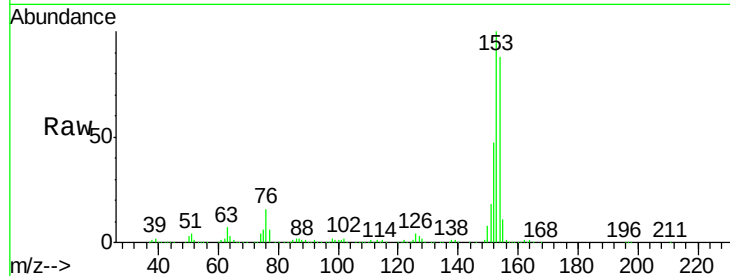
ClientSampleId :

PB108616BSD

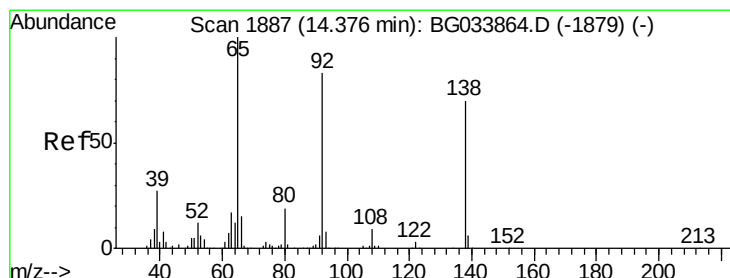
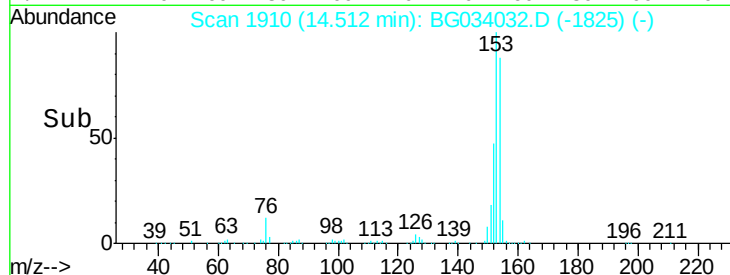
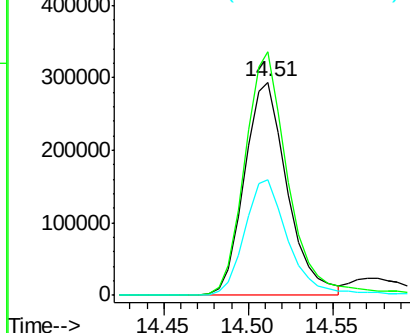
Tot Ion:	154	Resp:	515991
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.4	135.6
152	54.0	41.6	62.4

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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: 7.177 ng

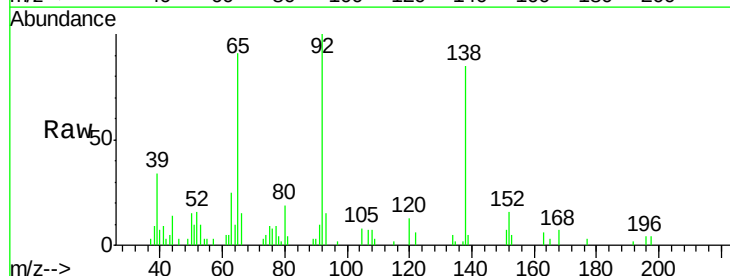
RT: 14.39 min Scan# 1890

Delta R.T. 0.02 min

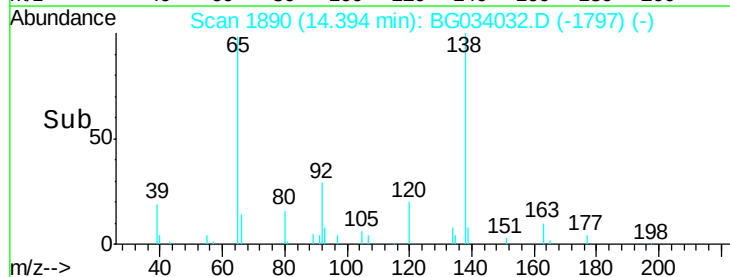
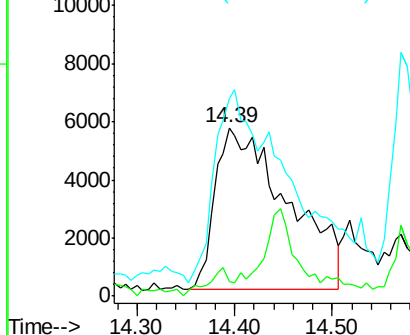
Lab File: BG034032.D

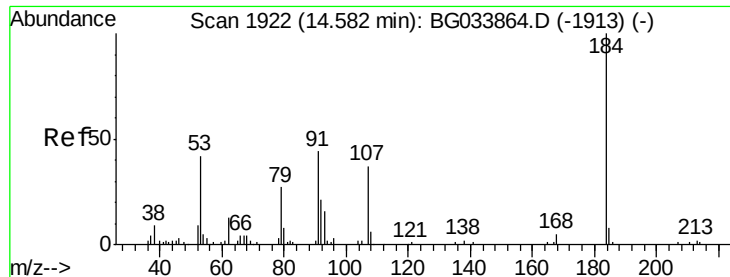
Acq: 27 Apr 2018 4:23

Tgt Ion:	138	Resp:	29043
Ion Ratio	Lower	Upper	
138	100		
108	8.7	17.5	26.3#
92	117.5	105.8	158.8



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





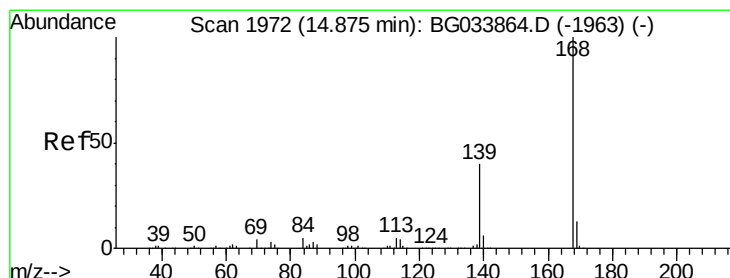
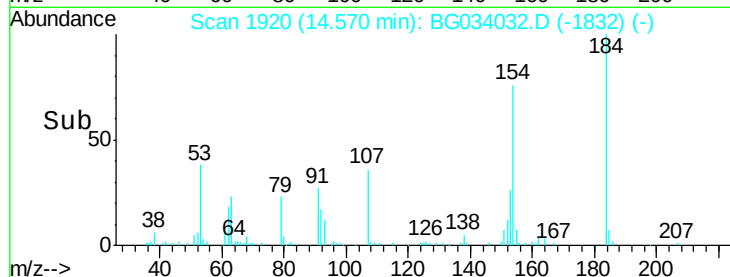
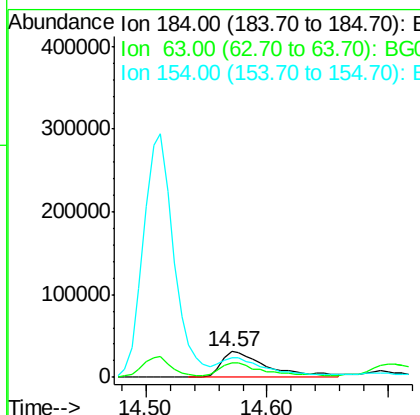
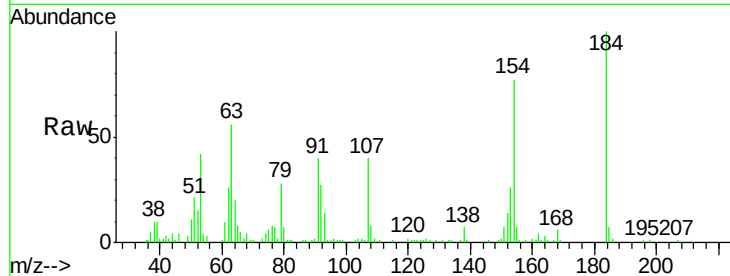
#53
2,4-Dinitrophenol
Concen: 62.050 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	55.7	59.8	89.8#	
154	77.1	101.8	152.8#	

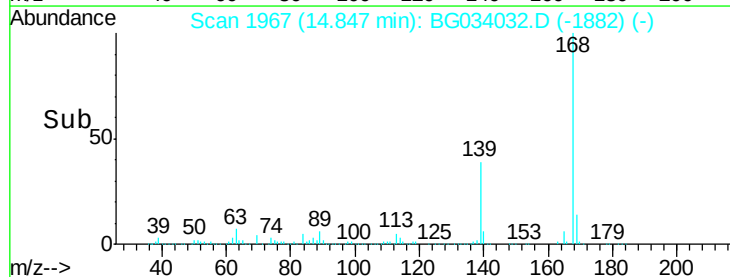
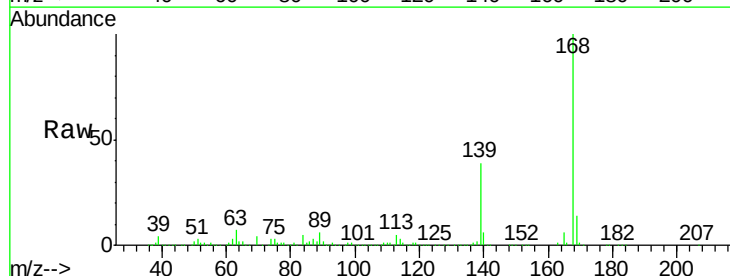
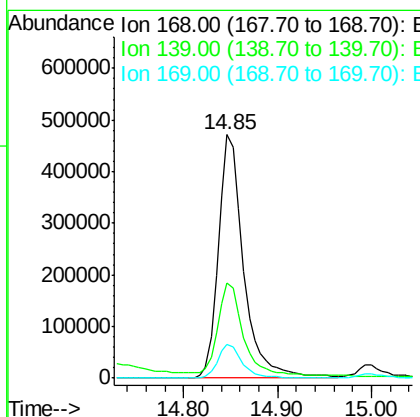
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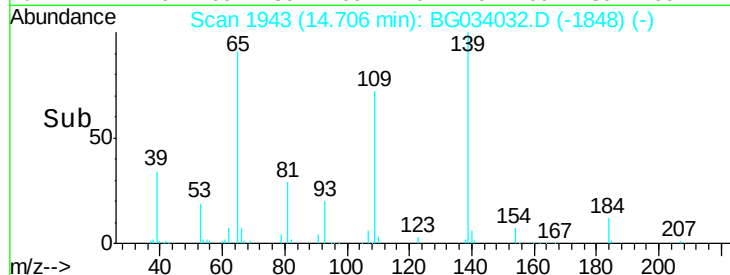
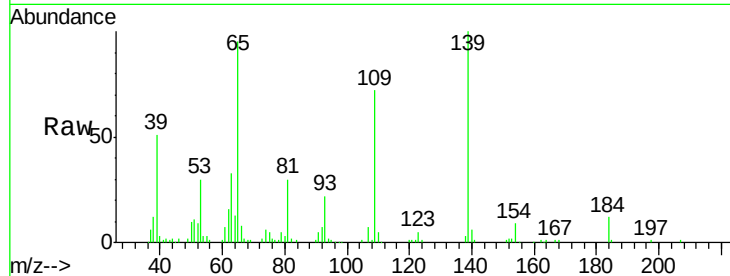
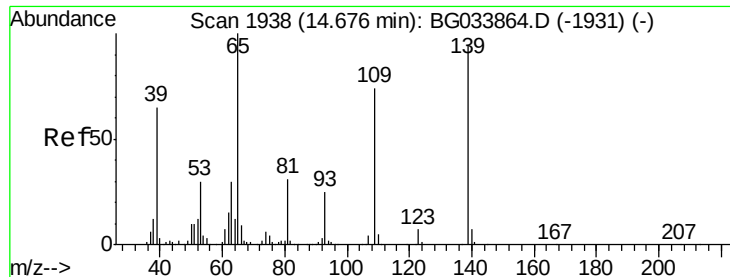
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#54
Dibenzofuran
Concen: 41.585 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	28.6	43.0	
169	13.8	11.2	16.8	





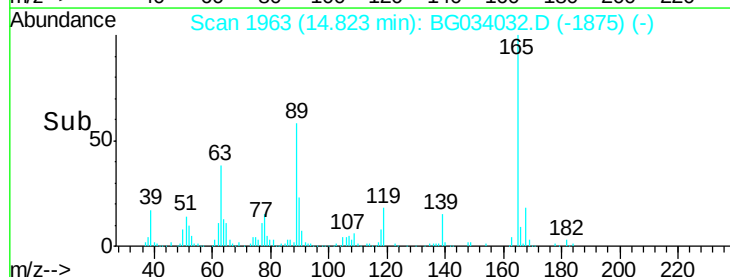
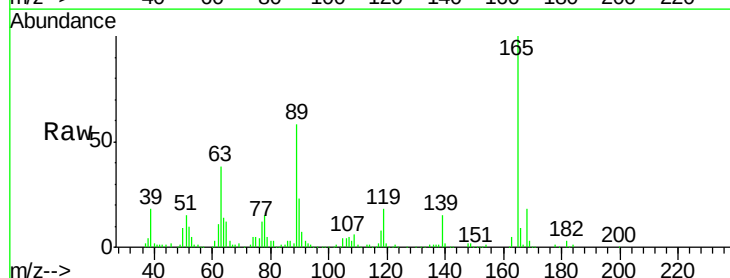
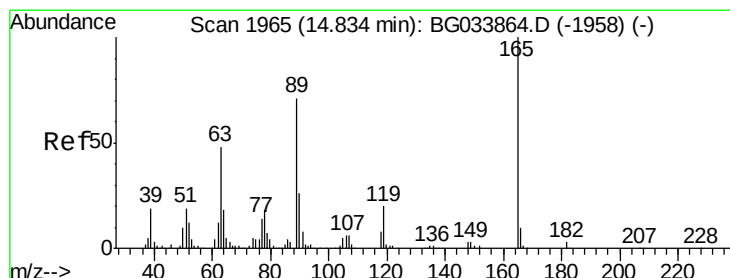
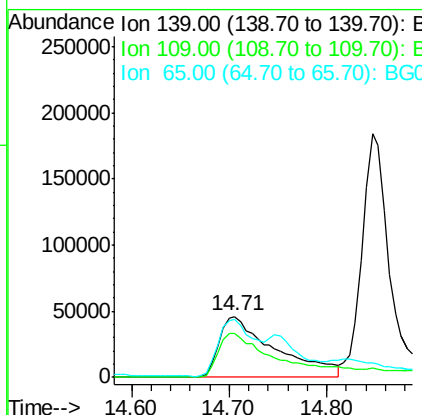
#55
4-Nitrophenol
Concen: 57.575 ng
RT: 14.71 min Scan# 1943
Delta R.T. 0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	182721		
109	72.1	62.2	102.2	
65	94.9	97.2	137.2	

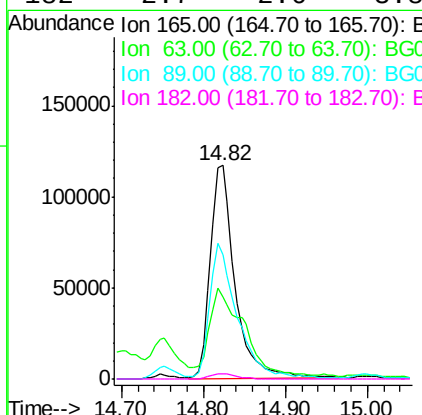
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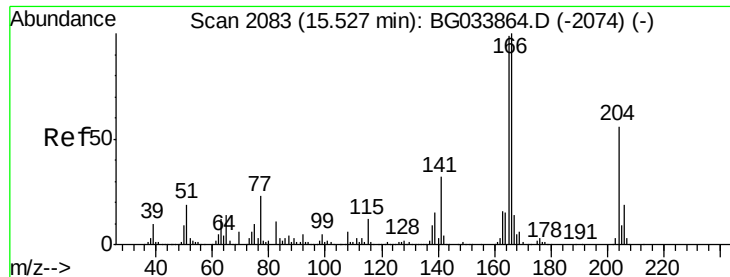
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#56
2,4-Dinitrotoluene
Concen: 49.903 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	247295		
63	38.4	42.0	63.0	
89	58.0	66.9	100.3	
182	2.7	2.6	3.8	





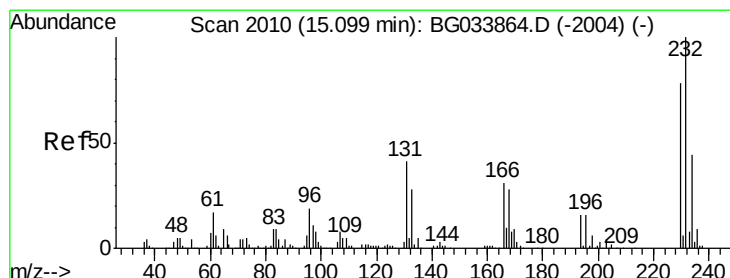
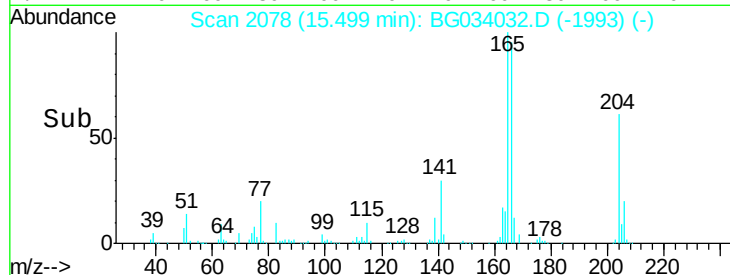
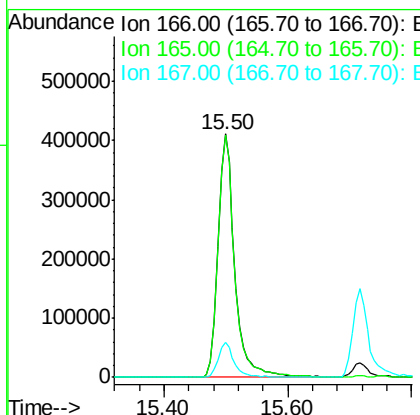
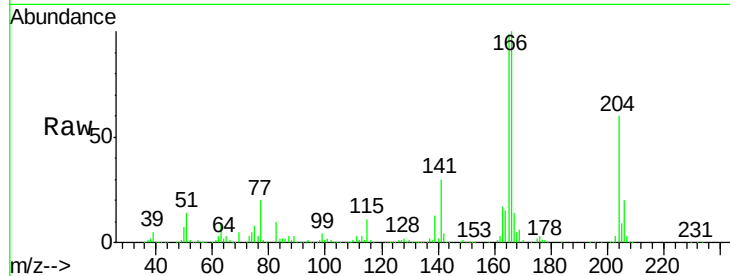
#57
 Fluorene
 Concen: 41.961 ng
 RT: 15.50 min Scan# 2078
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	771317		
165	99.4	80.6	121.0	
167	14.2	10.4	15.6	

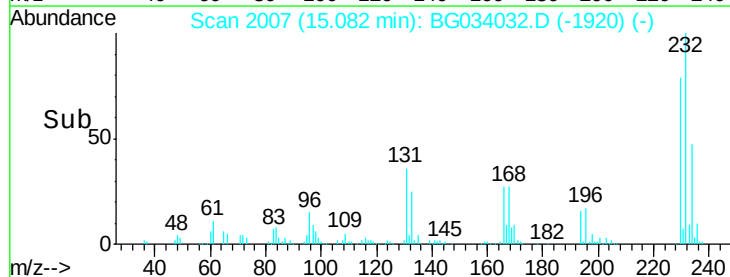
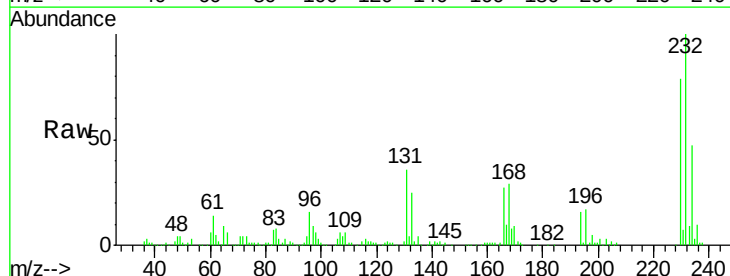
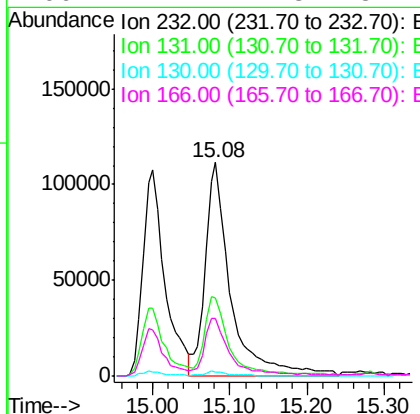
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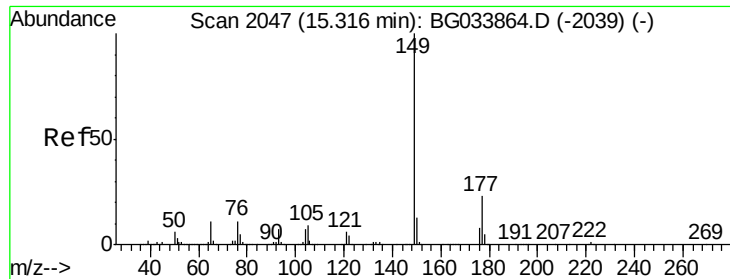
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 4/27/2018 7:31:13 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.476 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	254766		
231	36.3	33.5	50.3	
130	1.6	2.2	3.2#	
166	24.7	24.8	37.2#	





#59

Diethylphthalate

Concen: 40.117 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

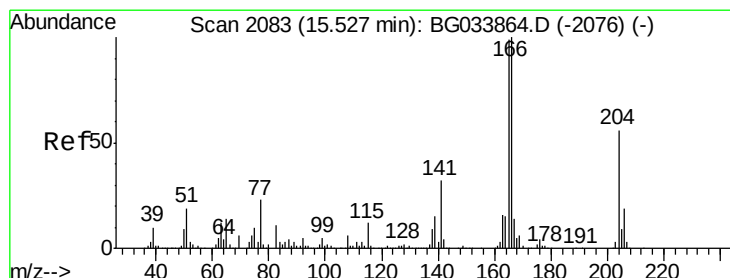
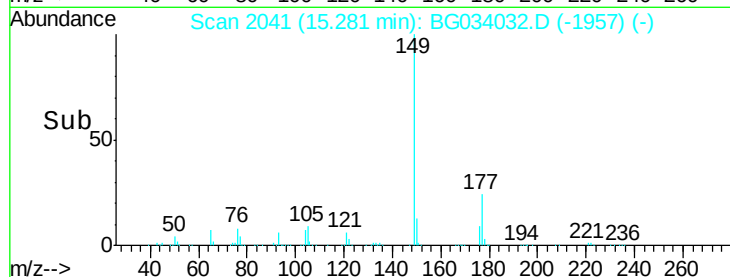
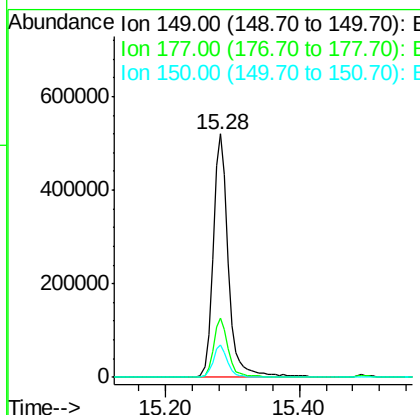
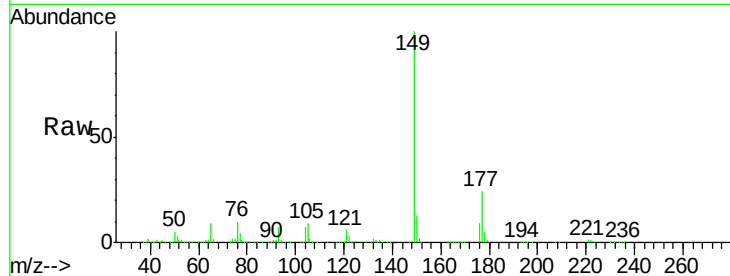
ClientSampleId :

PB108616BSD

Tot Ion:	149	Resp:	833843
Ion Ratio	Lower	Upper	
149	100		
177	24.4	18.5	27.7
150	13.3	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 43.603 ng

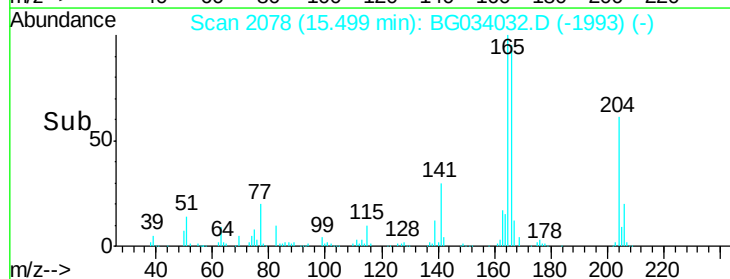
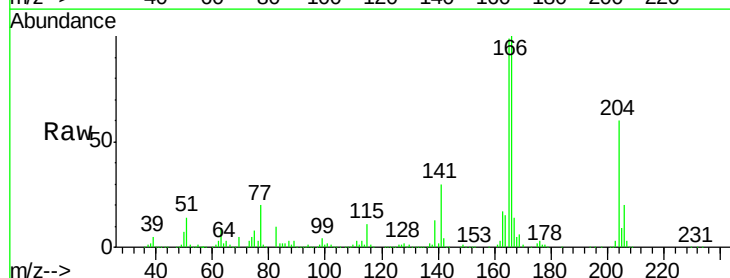
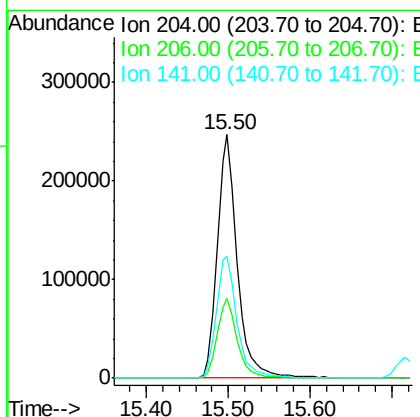
RT: 15.50 min Scan# 2078

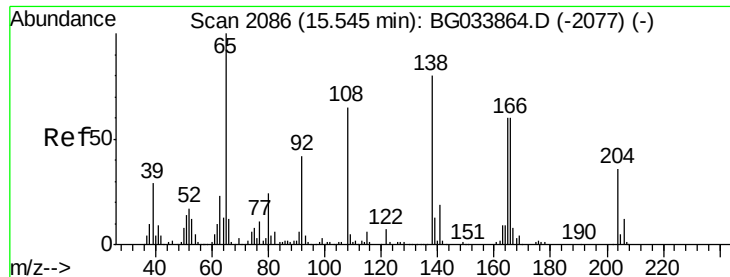
Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion:	204	Resp:	419224
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.2	39.2
141	50.1	45.8	68.6





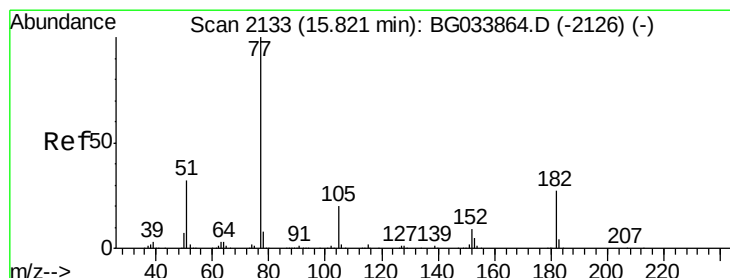
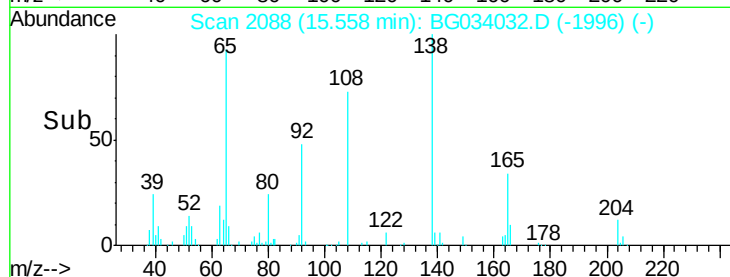
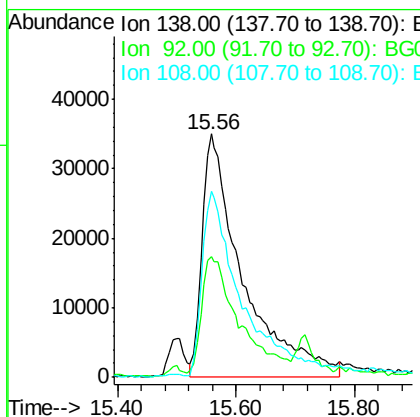
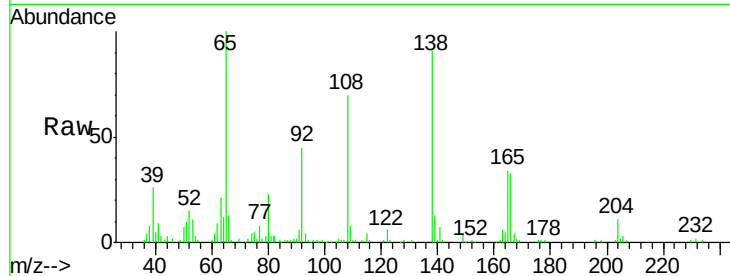
#61
4-Nitroaniline
Concen: 38.865 ng/mL
RT: 15.56 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	40.1	80.1
108	76.6	65.4	105.4

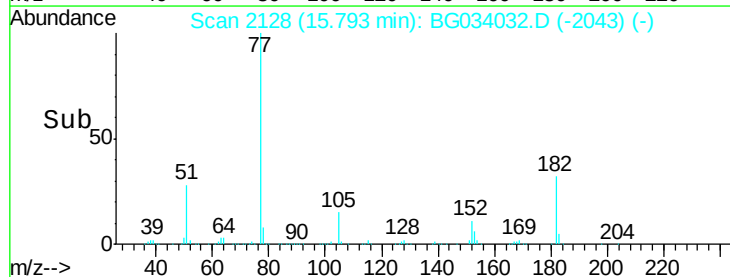
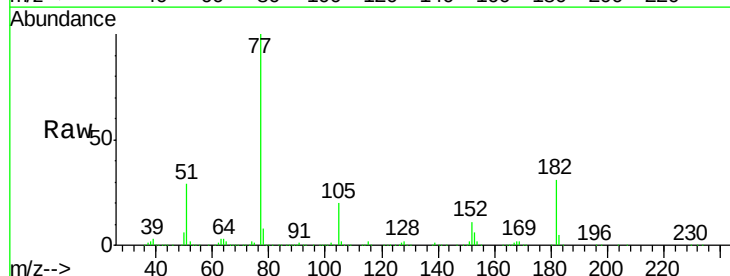
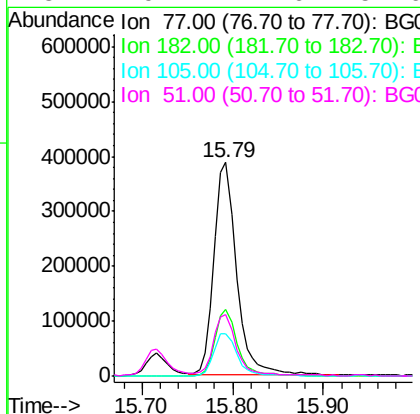
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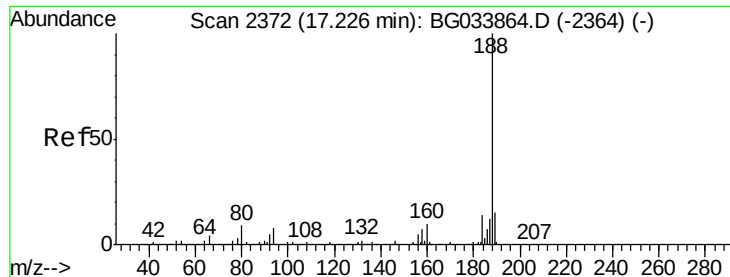
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#62
Azobenzene
Concen: 36.201 ng/mL
RT: 15.79 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	7.4	47.4
105	20.1	0.3	40.3
51	29.1	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2368

Delta R.T. -0.02 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

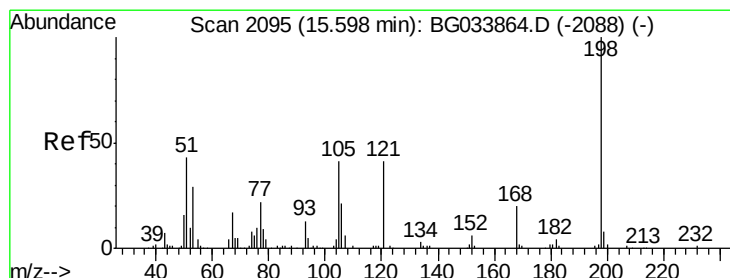
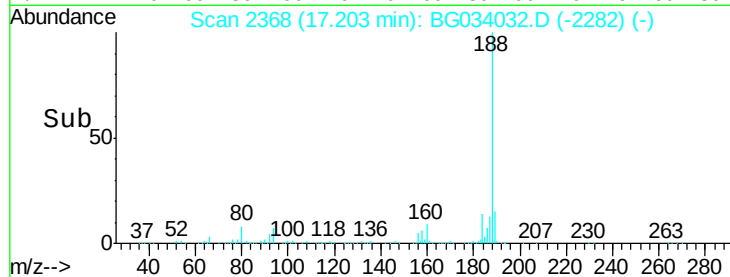
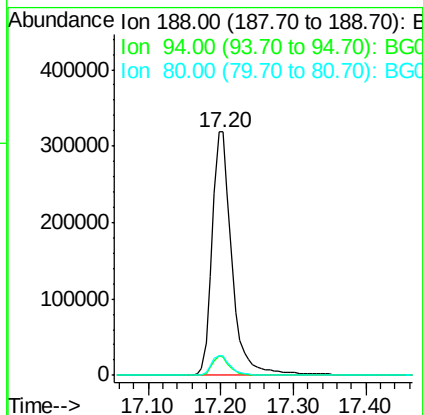
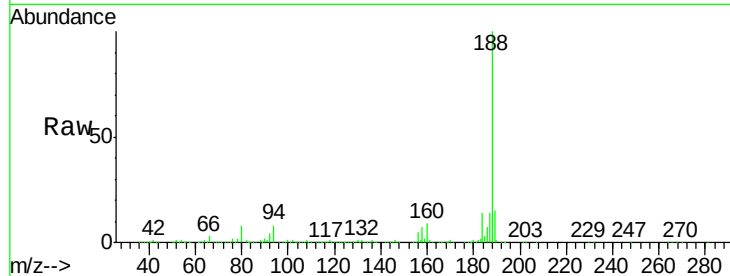
ClientSampleId :

PB108616BSD

Tot Ion:188	Resp: 605089
Ion Ratio	Lower Upper
188 100	
94 7.5	6.9 10.3
80 7.8	7.7 11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.470 ng

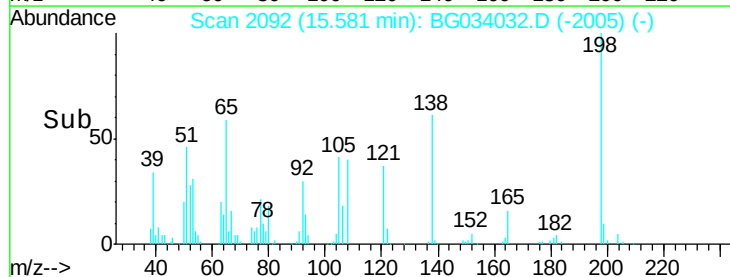
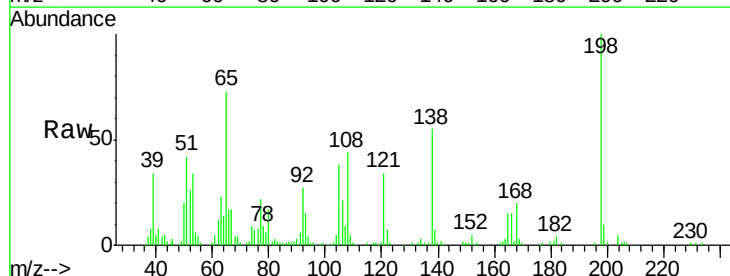
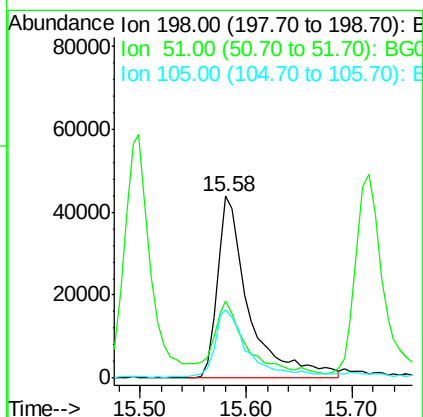
RT: 15.58 min Scan# 2092

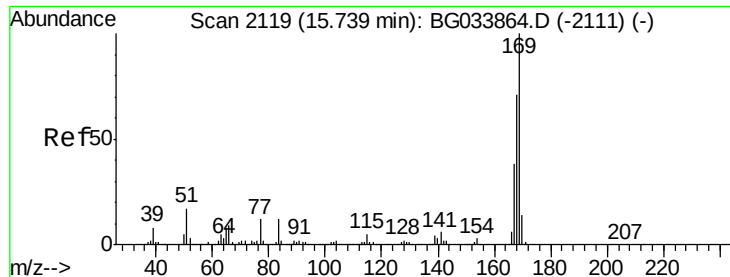
Delta R.T. -0.02 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion:198	Resp: 90903
Ion Ratio	Lower Upper
198 100	
51 42.4	30.6 70.6
105 37.8	23.8 63.8





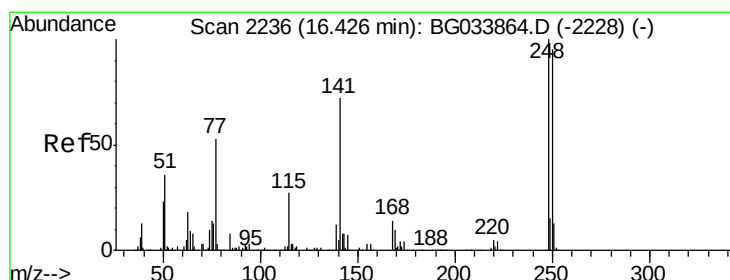
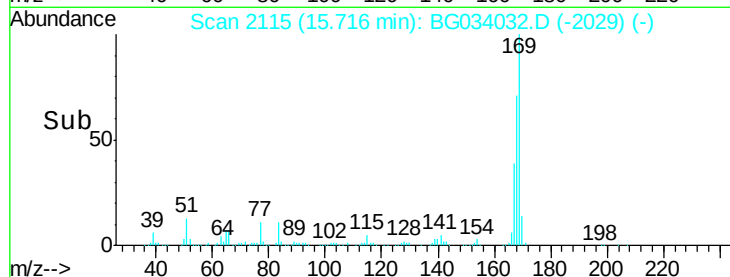
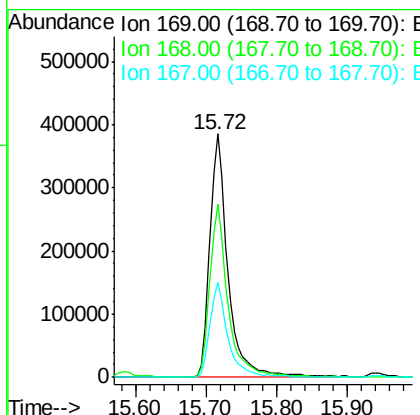
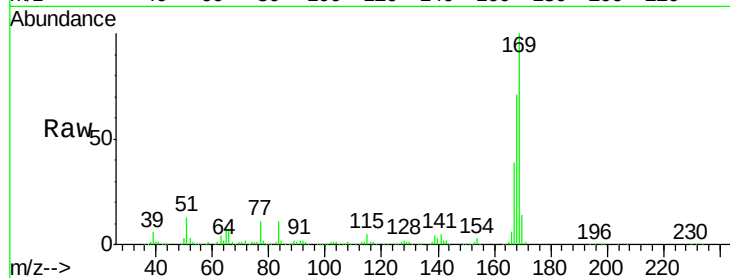
#65
 n-Nitrosodiphenylamine
 Concen: 39.230 ng
 RT: 15.72 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleID :
 PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	690126		
168	71.1	55.7	83.5	
167	38.9	30.1	45.1	

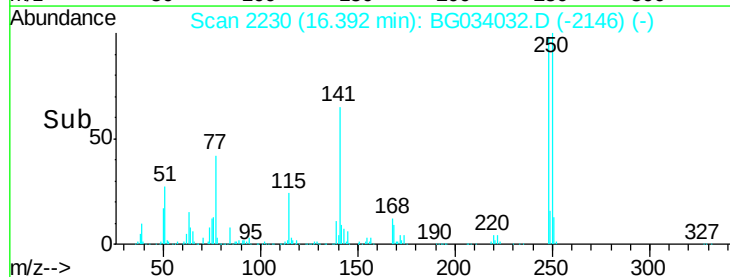
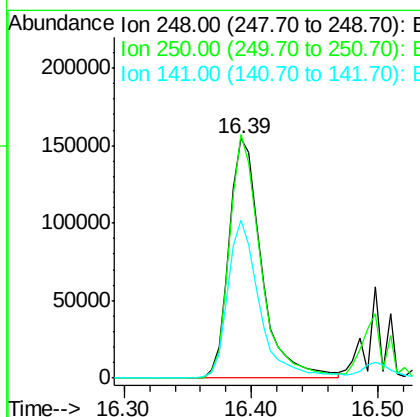
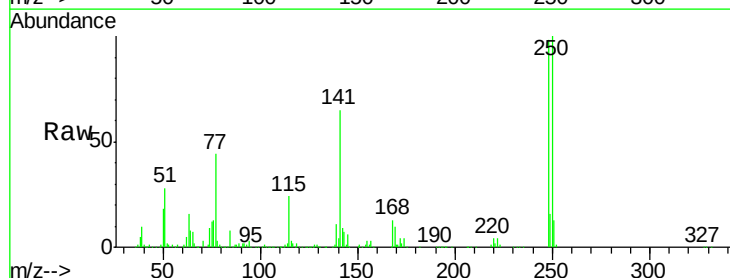
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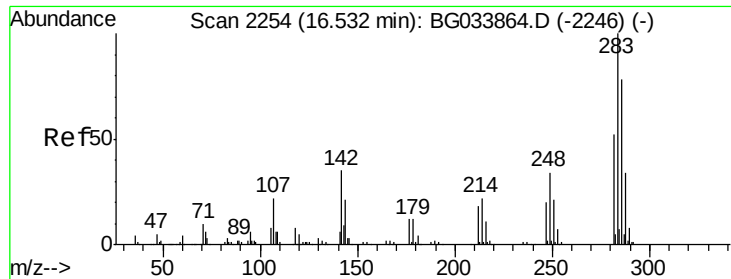
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#66
 4-Bromophenyl-phenylether
 Concen: 41.112 ng
 RT: 16.39 min Scan# 2230
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	273196		
250	101.6	77.1	115.7	
141	65.7	50.8	76.2	





#67

Hexachlorobenzene

Concen: 40.935 ng

RT: 16.50 min Scan# 2248

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

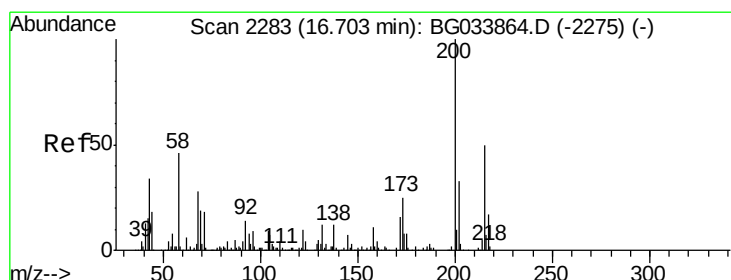
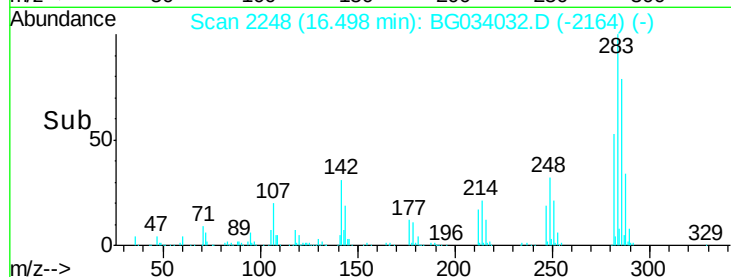
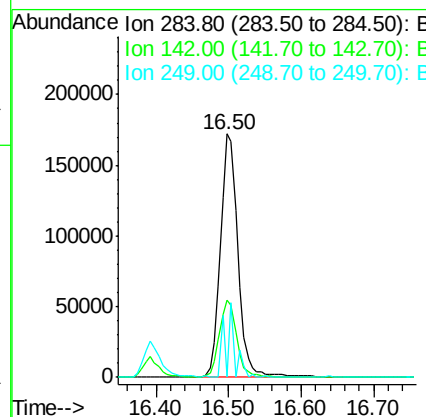
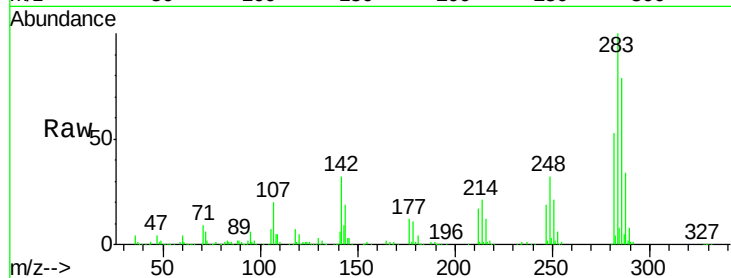
ClientSampleId :

PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.7	26.8	40.2	
249	3.4	26.3	39.5	

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#68

Atrazine

Concen: 42.732 ng

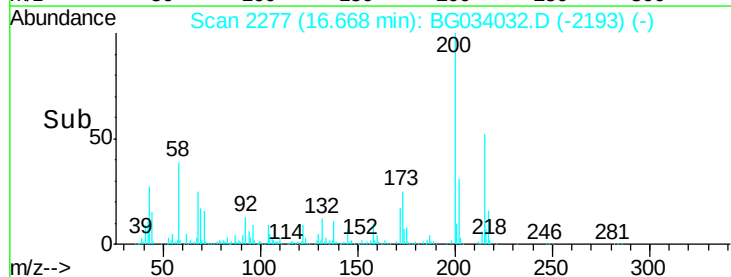
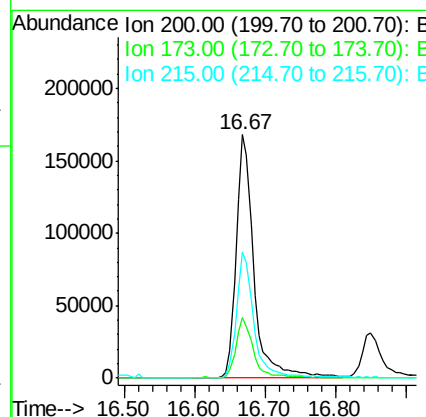
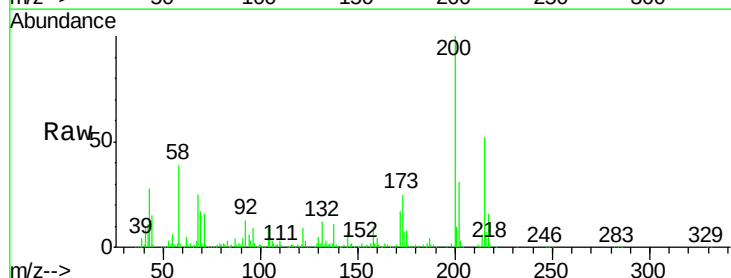
RT: 16.67 min Scan# 2277

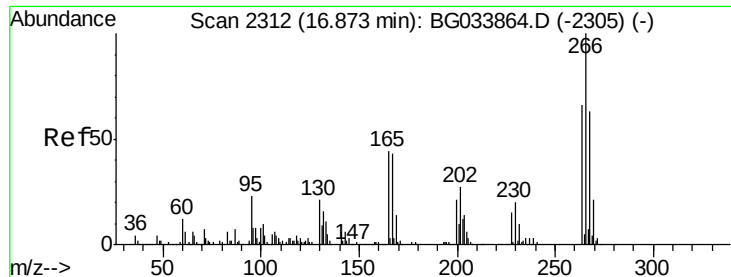
Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	5.2	45.2	
215	51.7	30.4	70.4	





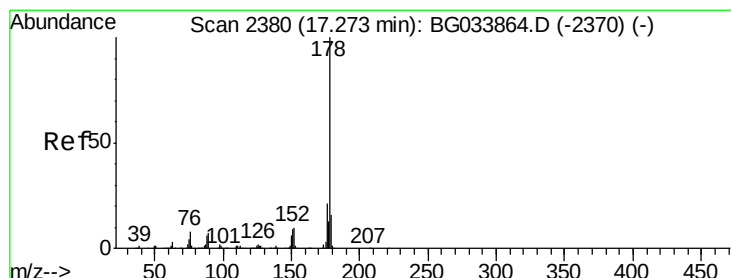
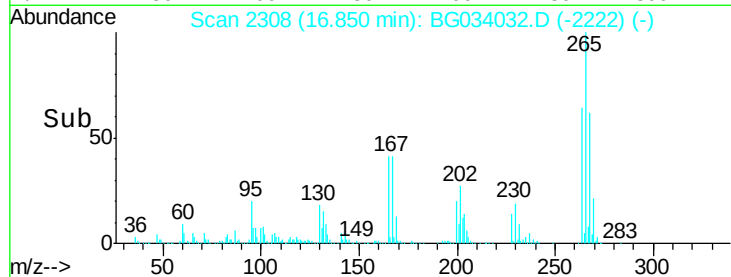
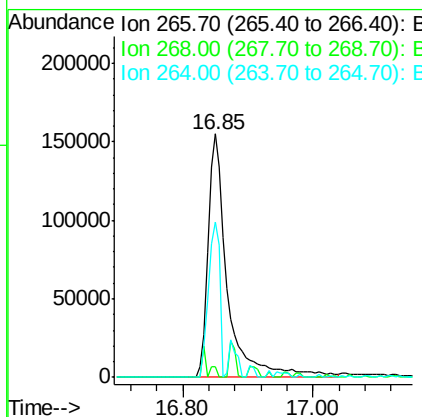
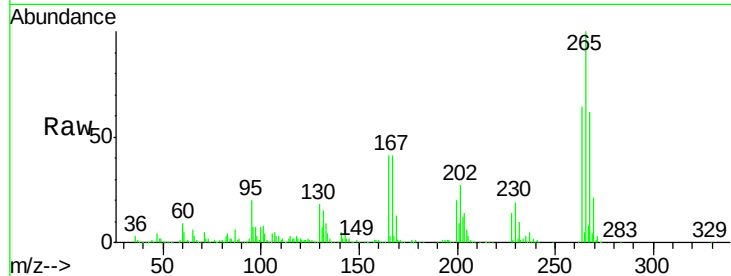
#69
 Pentachlorophenol
 Concen: 65.777 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.4	51.1	76.7#
264	68.8	49.6	74.4

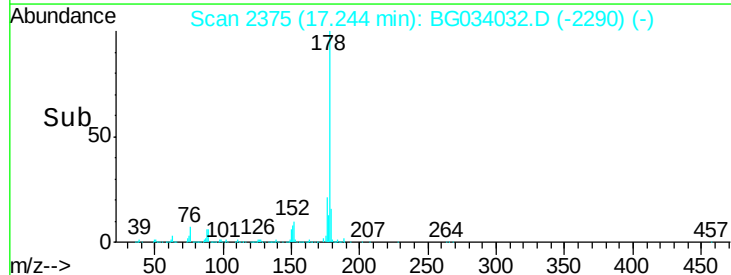
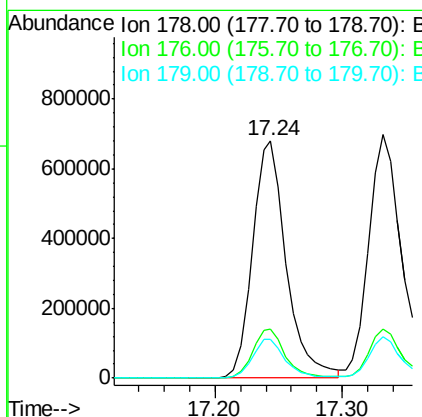
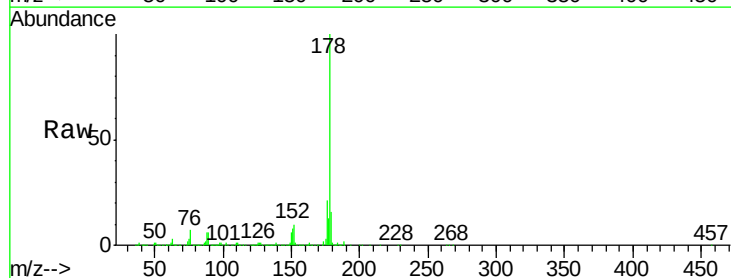
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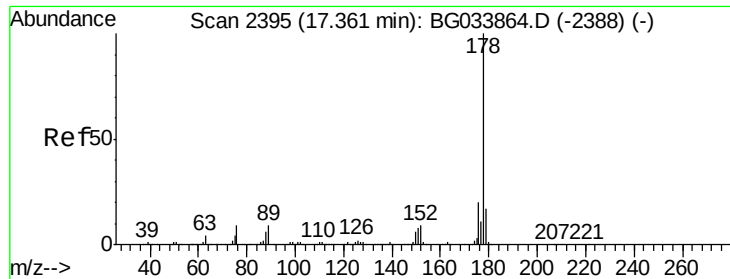
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#70
 Phenanthrene
 Concen: 38.707 ng
 RT: 17.24 min Scan# 2375
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	16.4	12.5	18.7





#71
 Anthracene
 Concen: 41.430 ng
 RT: 17.33 min Scan# 2390
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

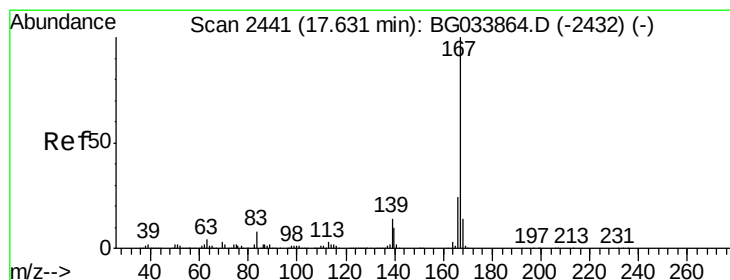
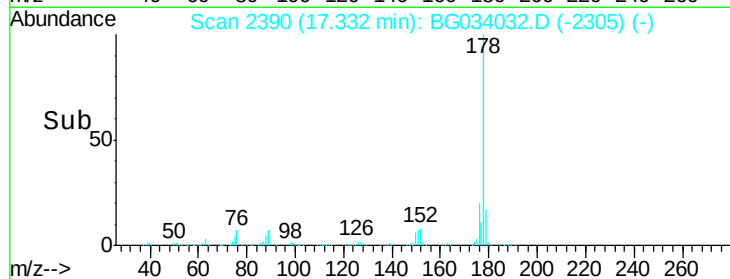
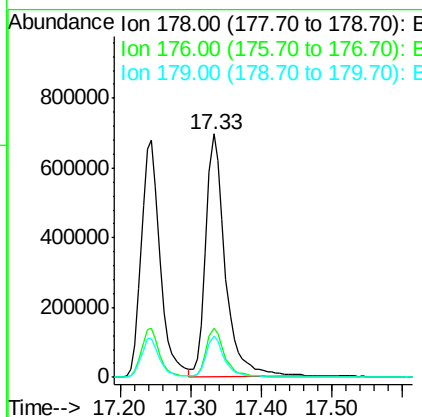
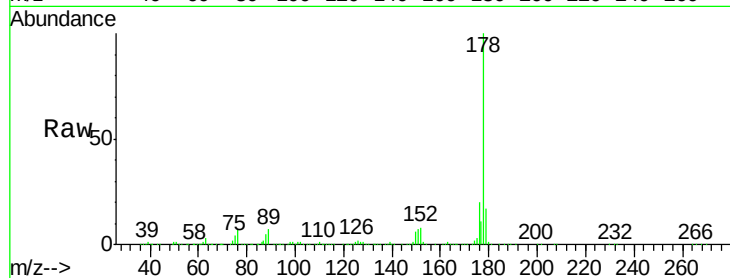
Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Tot Ion:178 Resp: 1344899

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	17.0	12.5	18.7

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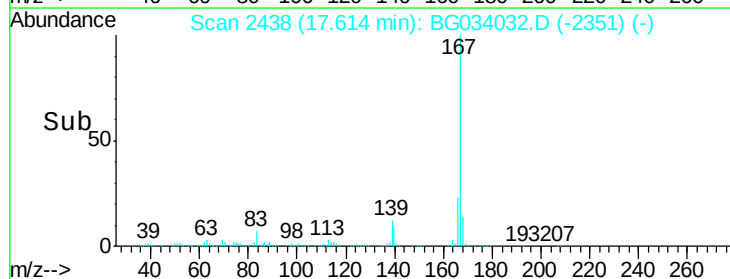
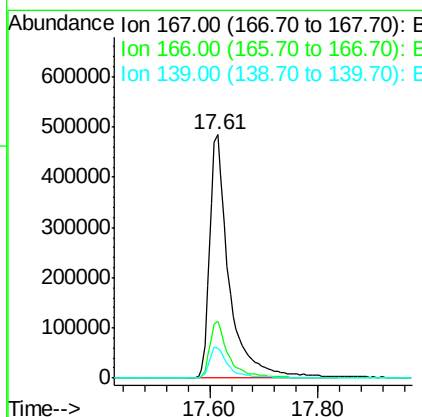
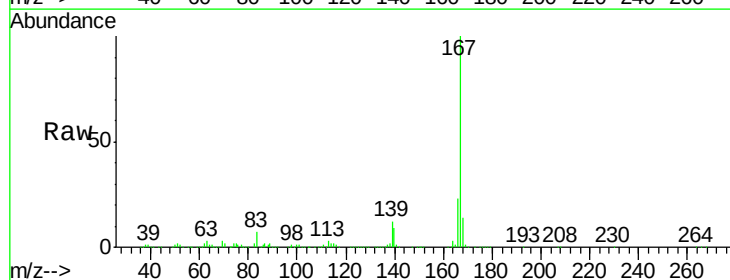
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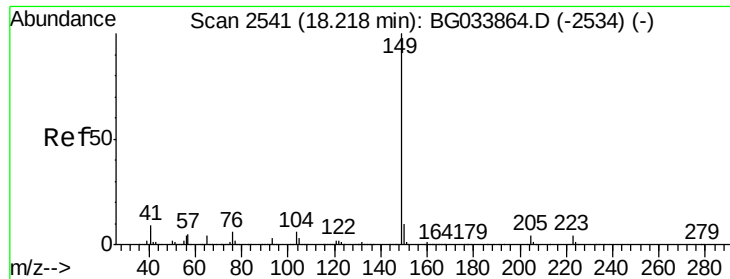


#72
 Carbazole
 Concen: 38.896 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion:167 Resp: 1218121

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	12.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 36.680 ng

RT: 18.17 min Scan# 2533

Delta R.T. -0.05 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

ClientSampleId :

PB108616BSD

Tot Ion:149 Resp: 1429068

Ion Ratio Lower Upper

149 100

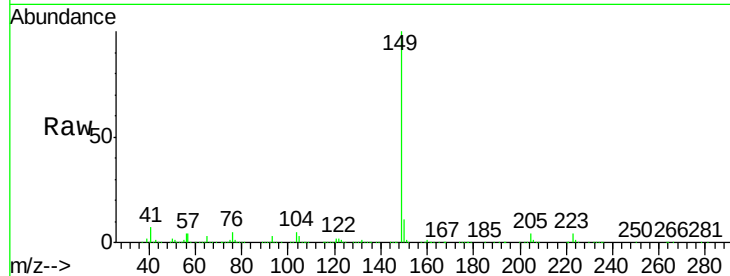
150 10.5 7.8 11.6

104 5.3 3.9 5.9

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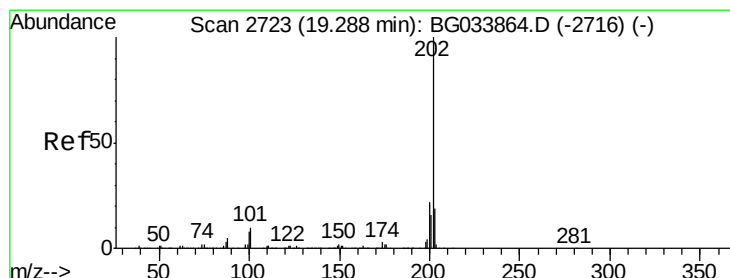
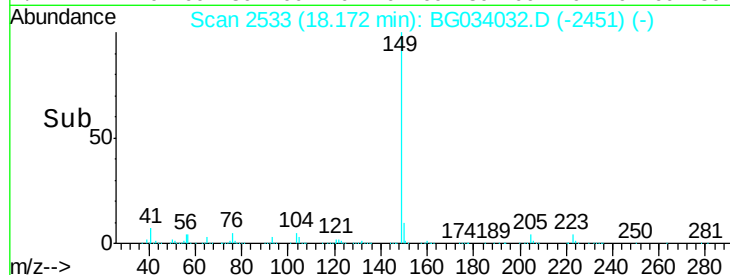
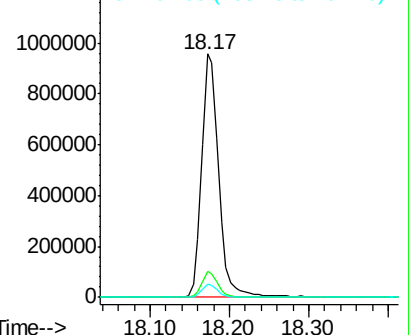
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.537 ng

RT: 19.26 min Scan# 2718

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

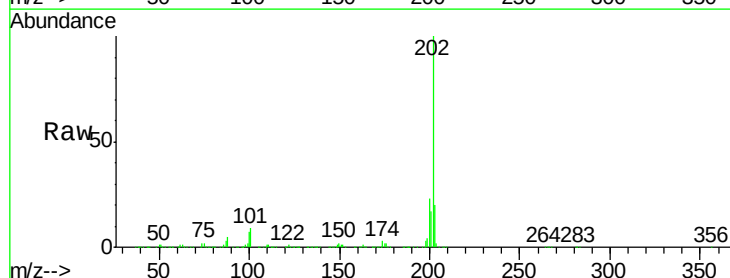
Tgt Ion:202 Resp: 1591724

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.9

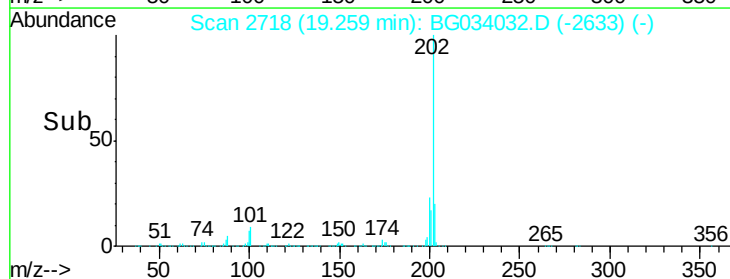
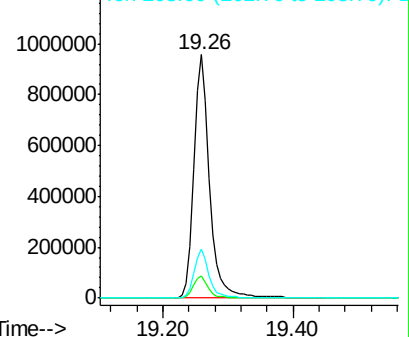
203 19.9 0.0 37.5

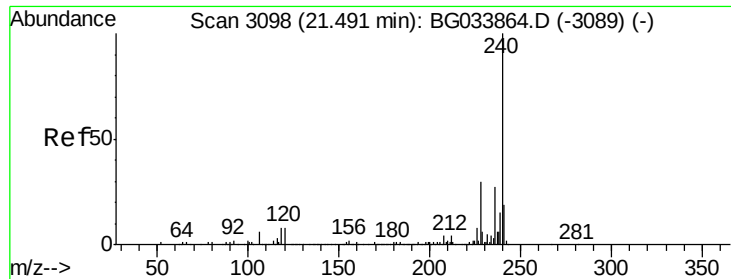


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.45 min Scan# 3091

Delta R.T. -0.04 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

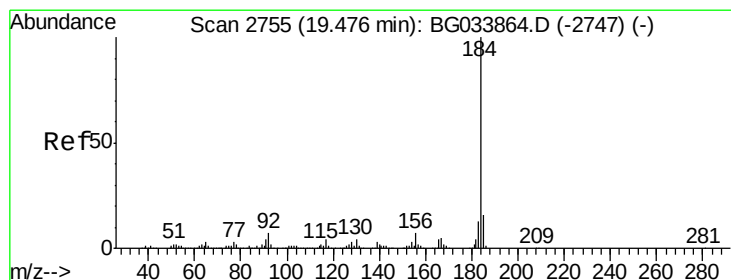
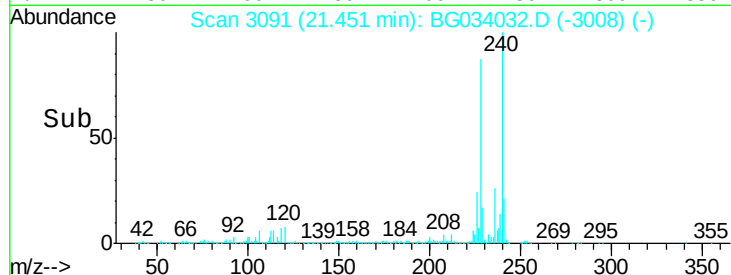
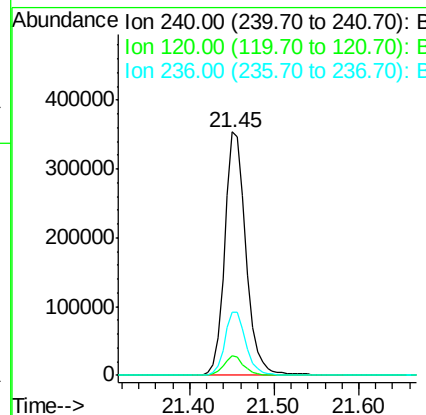
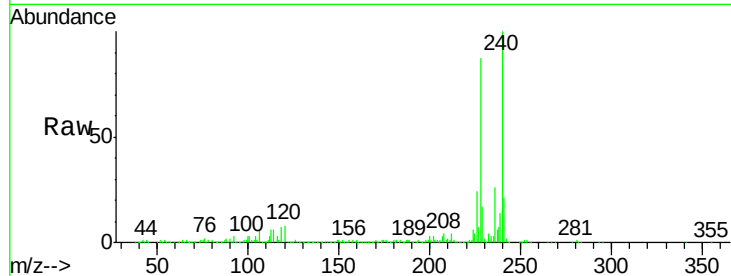
ClientSampleId :

PB108616BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	26.1	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 14.705 ng

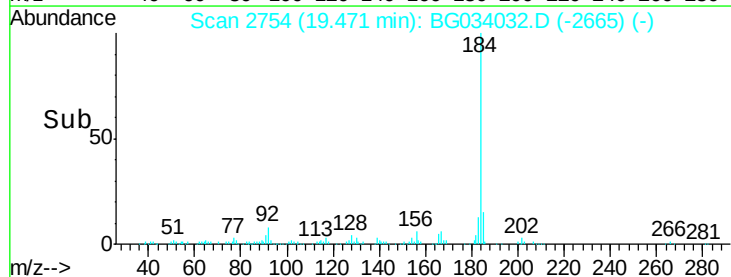
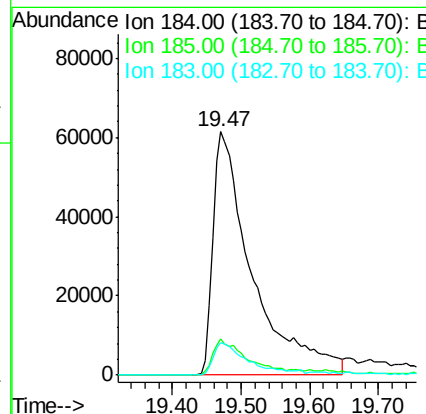
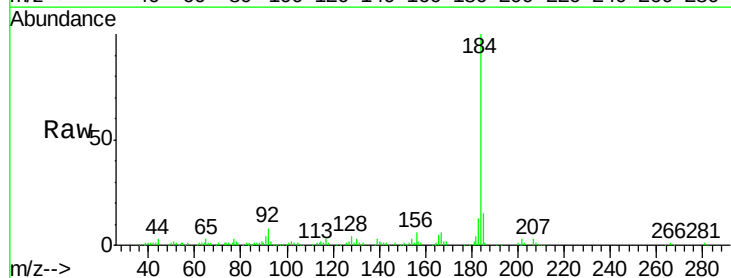
RT: 19.47 min Scan# 2754

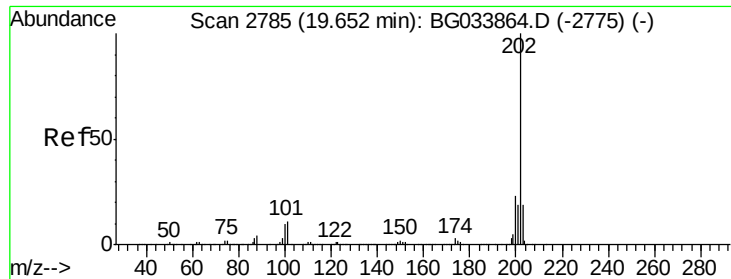
Delta R.T. -0.01 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	13.2	10.6	16.0





#77

Pvrene

Concen: 39.102 ng

RT: 19.62 min Scan# 2779

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

ClientSampleId :

PB108616BSD

Tot Ion:202 Resp: 1581526

Ion Ratio Lower Upper

202 100

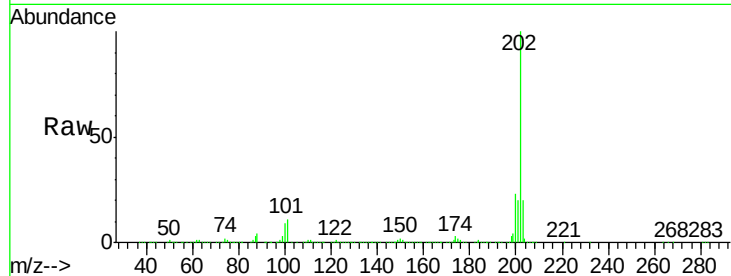
200 23.2 16.9 25.3

203 20.1 13.9 20.9

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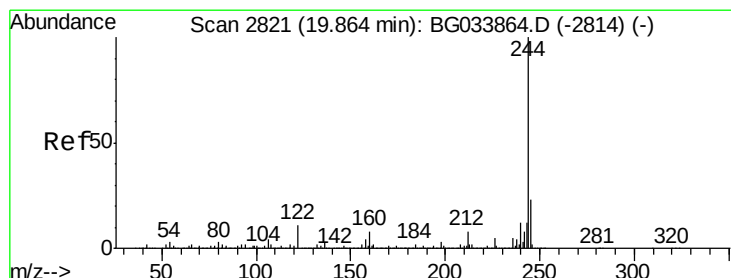
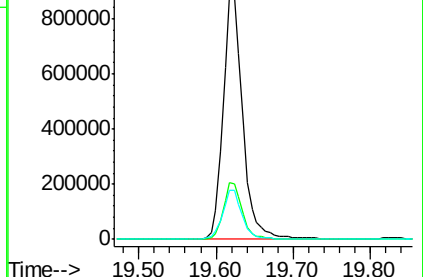
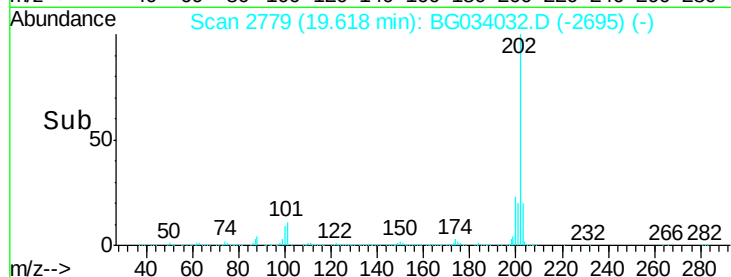
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.403 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.03 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

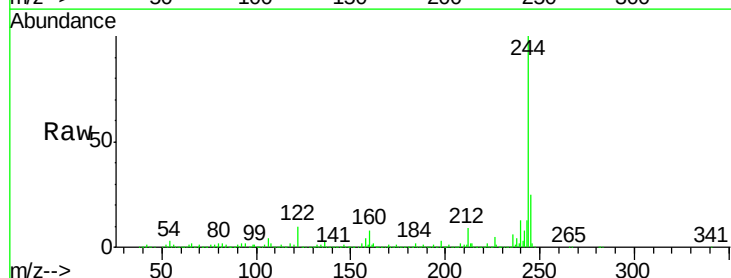
Tgt Ion:244 Resp: 2371629

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

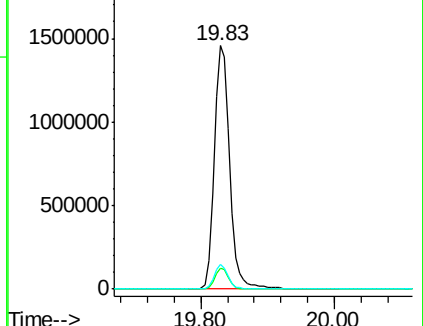
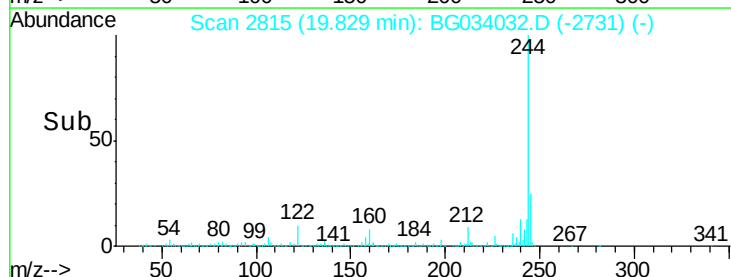
122 10.2 7.0 10.4

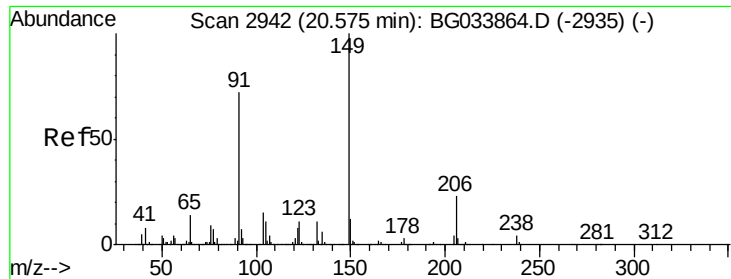


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





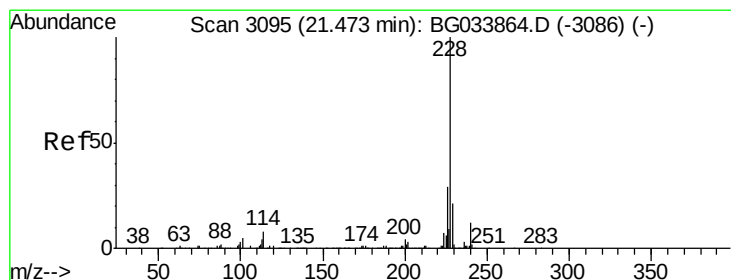
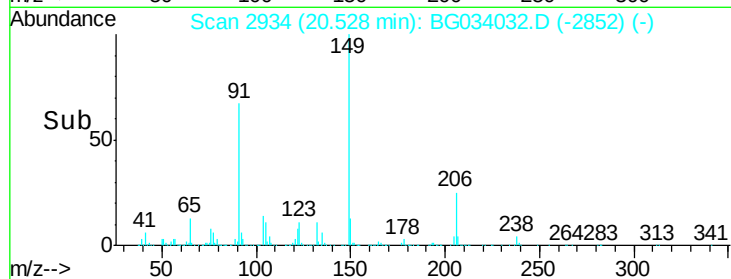
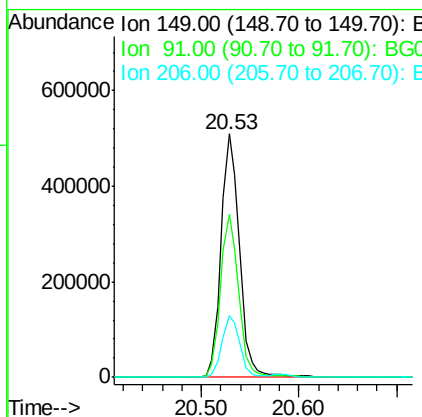
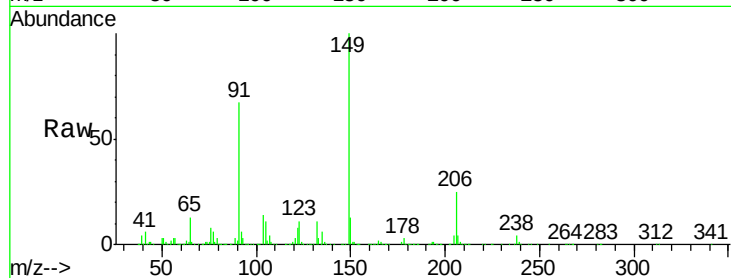
#79
Butylbenzylphthalate
Concen: 37.566 ng
RT: 20.53 min Scan# 2934
Delta R.T. -0.05 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	62.2	93.2
206	25.3	18.6	27.8

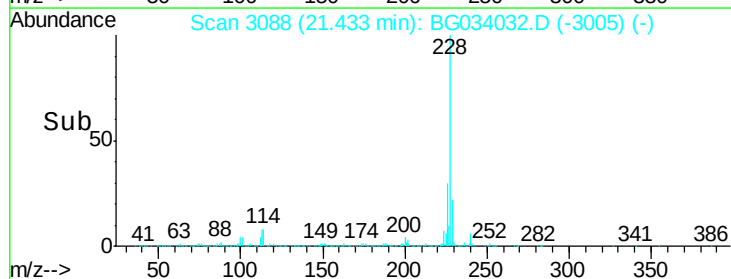
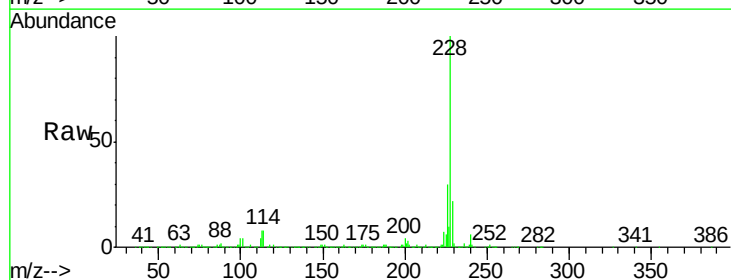
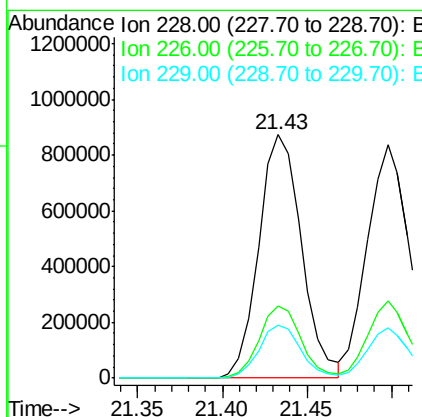
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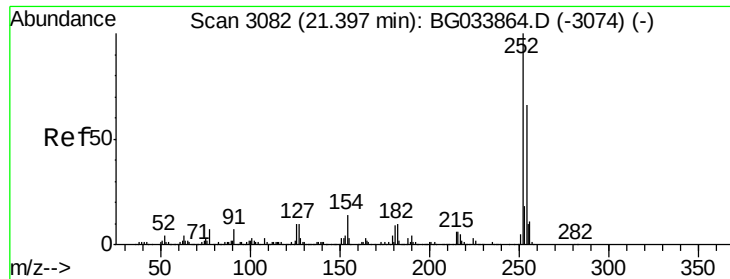
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#80
Benzo(a)anthracene
Concen: 39.417 ng
RT: 21.43 min Scan# 3088
Delta R.T. -0.04 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	21.9	16.2	24.2





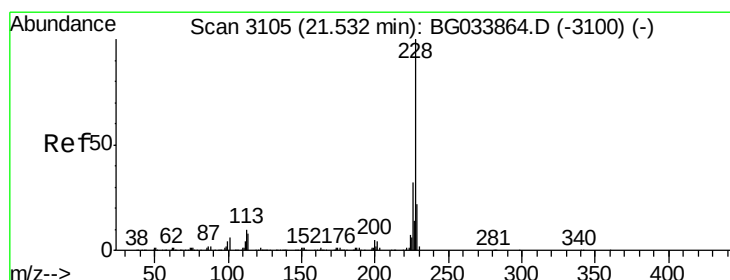
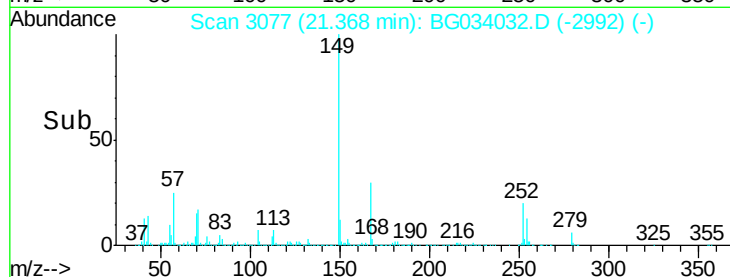
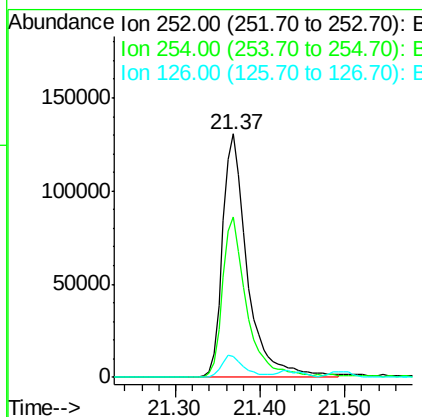
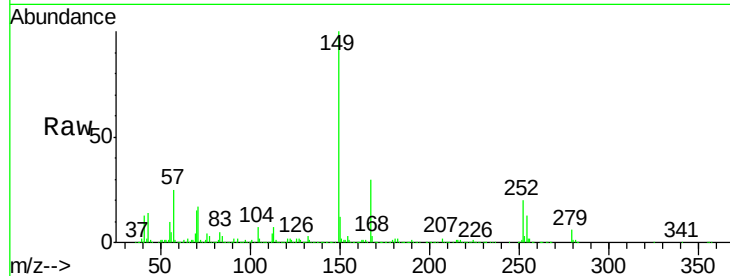
#81
 3,3'-Dichlorobenzidine
 Concen: 18.298 ng
 RT: 21.37 min Scan# 3077
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	265305		
254	66.0		50.8	76.2
126	8.5		7.4	11.2

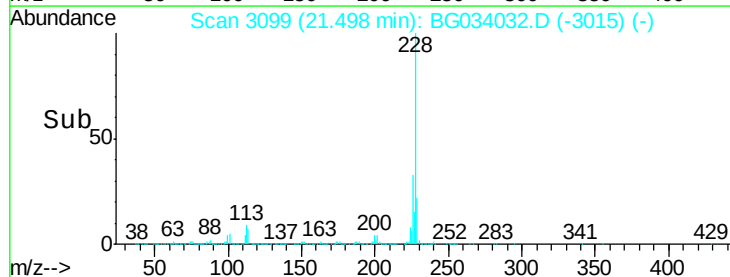
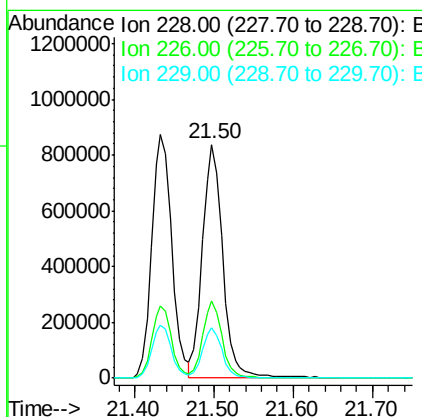
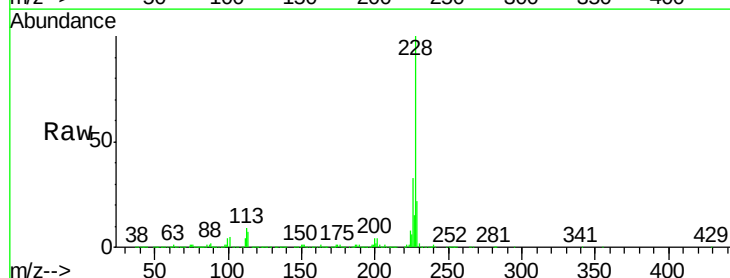
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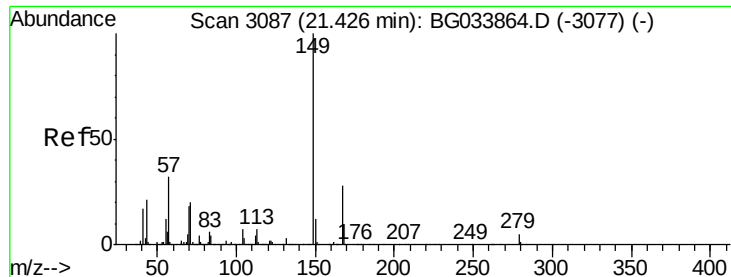
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#82
 Chrysene
 Concen: 40.345 ng
 RT: 21.50 min Scan# 3099
 Delta R.T. -0.03 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1498123		
226	32.8		24.9	37.3
229	21.6		15.0	22.4





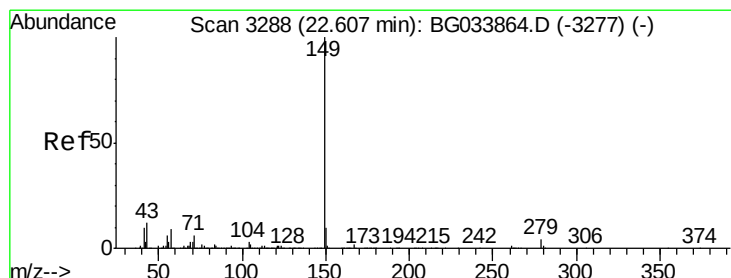
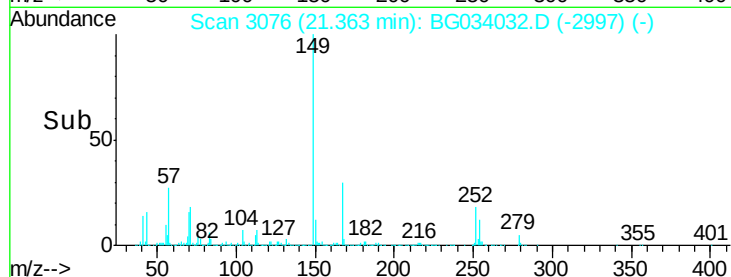
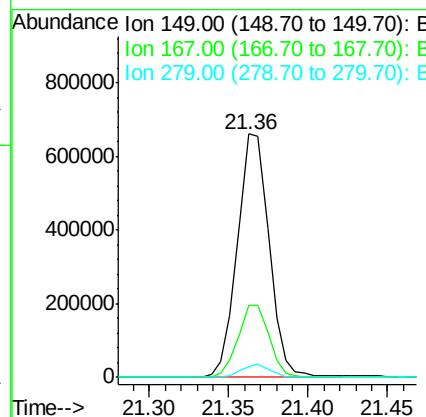
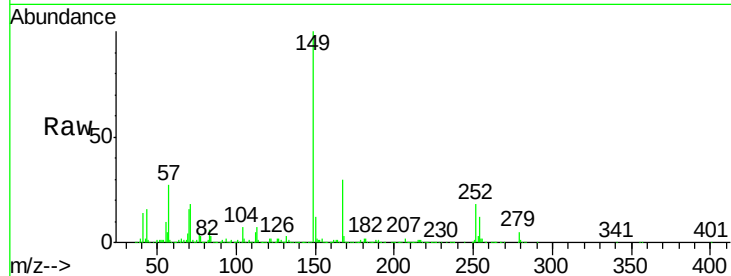
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.784 ng
 RT: 21.36 min Scan# 3076
 Delta R.T. -0.06 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	4.6	4.0	6.0

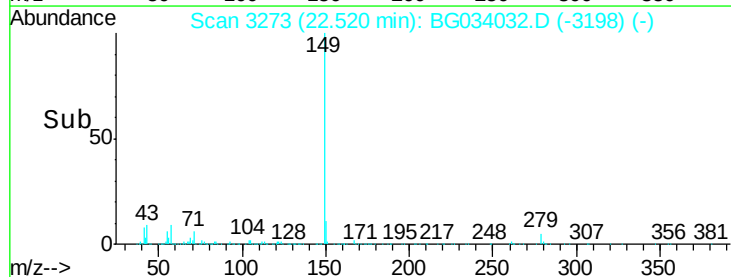
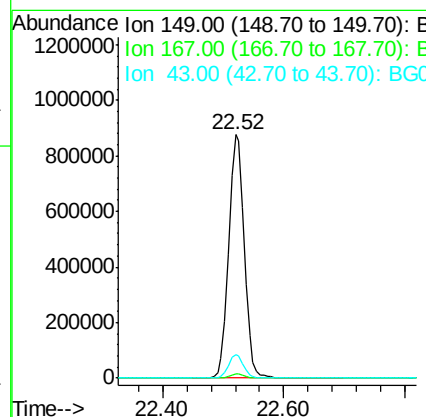
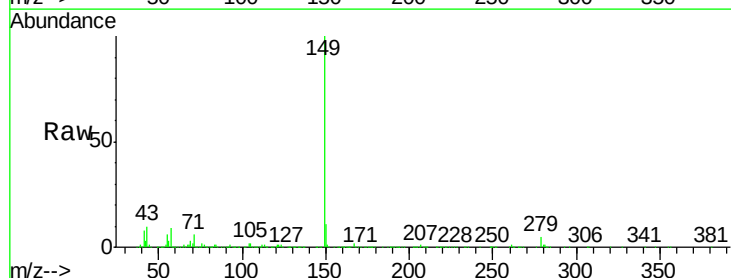
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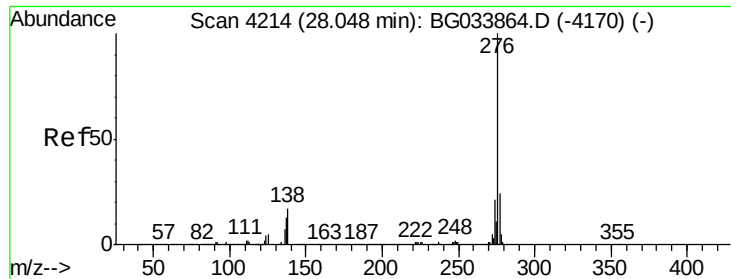
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#84
 Di-n-octyl phthalate
 Concen: 39.420 ng
 RT: 22.52 min Scan# 3273
 Delta R.T. -0.09 min
 Lab File: BG034032.D
 Acq: 27 Apr 2018 4:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.2	8.9	13.3





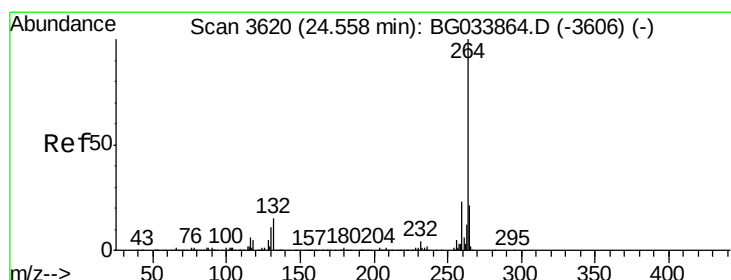
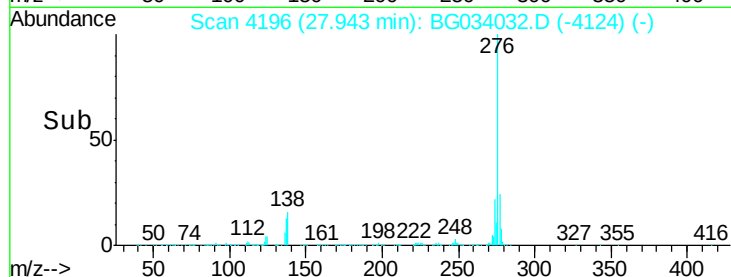
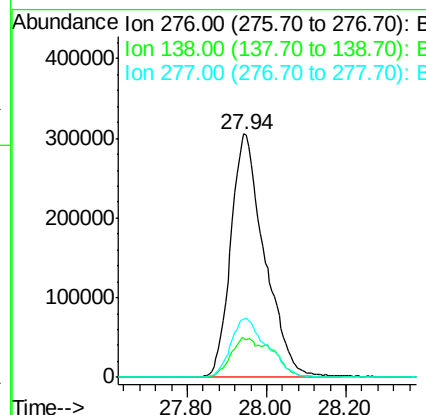
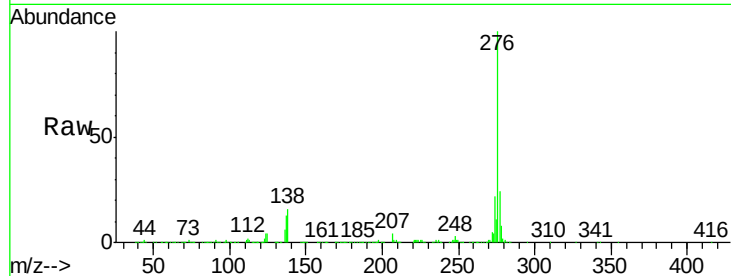
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.823 ng
RT: 27.94 min Scan# 4196
Delta R.T. -0.11 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Tot Ion:276 Resp: 1810033
Ion Ratio Lower Upper
276 100
138 13.6 16.0 24.0#
277 26.0 20.0 30.0

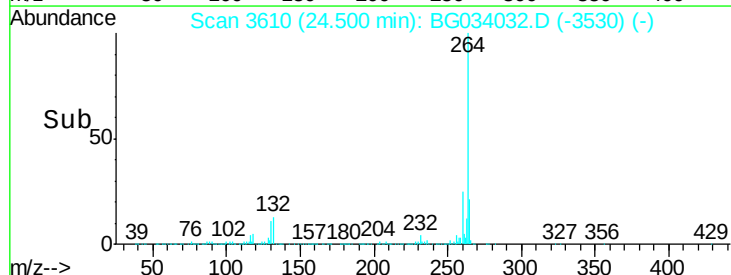
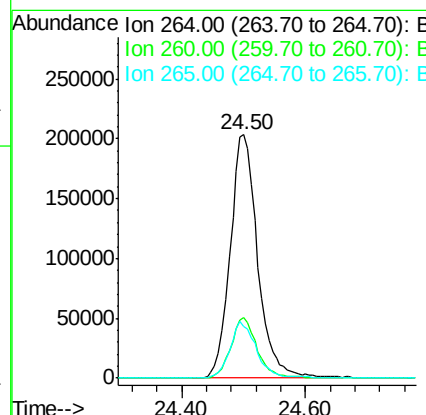
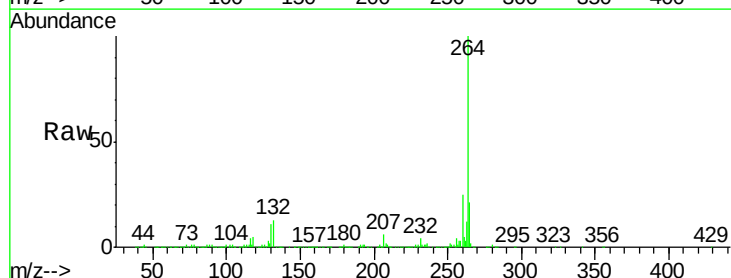
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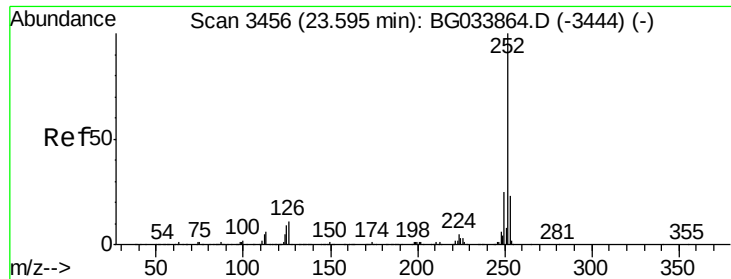
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.50 min Scan# 3610
Delta R.T. -0.06 min
Lab File: BG034032.D
Acq: 27 Apr 2018 4:23

Tgt Ion:264 Resp: 627944
Ion Ratio Lower Upper
264 100
260 25.1 17.4 26.0
265 21.1 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 39.752 ng

RT: 23.54 min Scan# 3446

Delta R.T. -0.06 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

ClientSampleId :

PB108616BSD

Tot Ion:252 Resp: 1522820

Ion Ratio Lower Upper

252 100

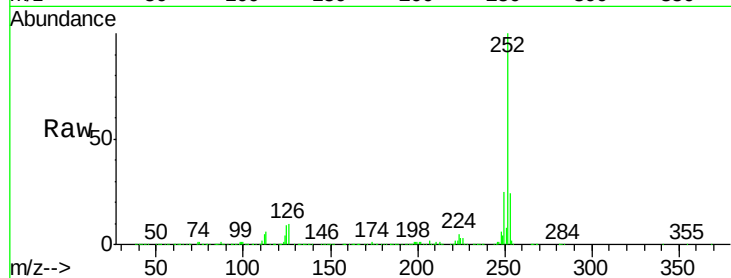
253 23.8 18.2 27.4

125 8.5 7.2 10.8

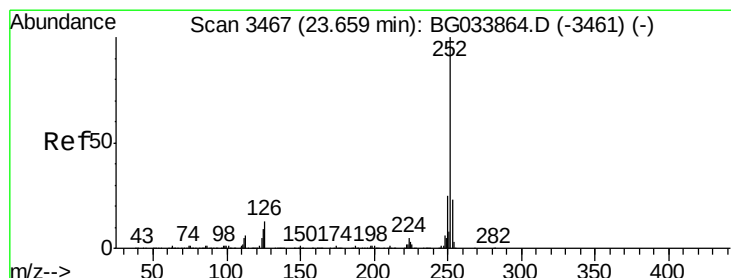
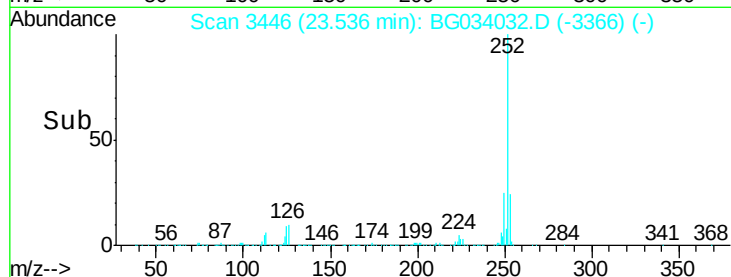
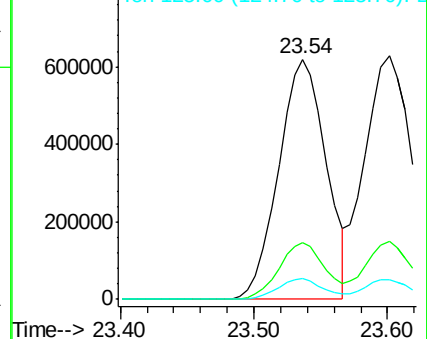
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.473 ng

RT: 23.60 min Scan# 3457

Delta R.T. -0.06 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

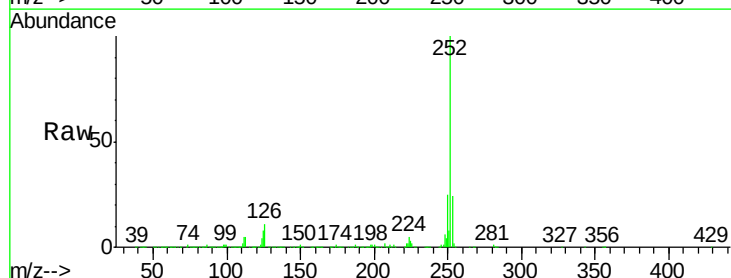
Tgt Ion:252 Resp: 1616191

Ion Ratio Lower Upper

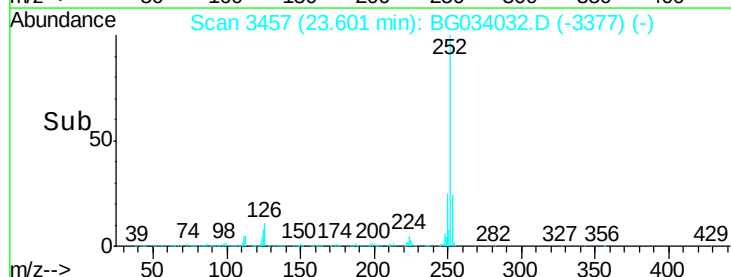
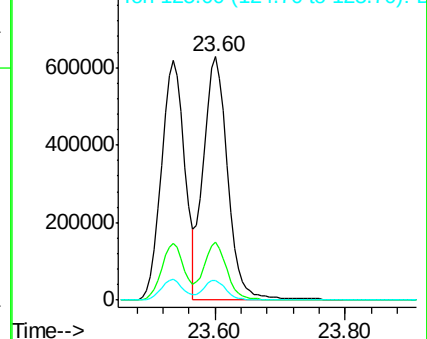
252 100

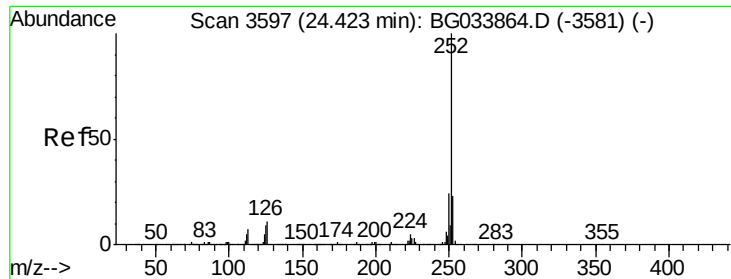
253 23.9 17.4 26.2

125 8.1 6.6 9.8



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





#89

Benzo(a)pyrene

Concen: 42.261 ng

RT: 24.36 min Scan# 3586

Delta R.T. -0.06 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Instrument :

BNA_G

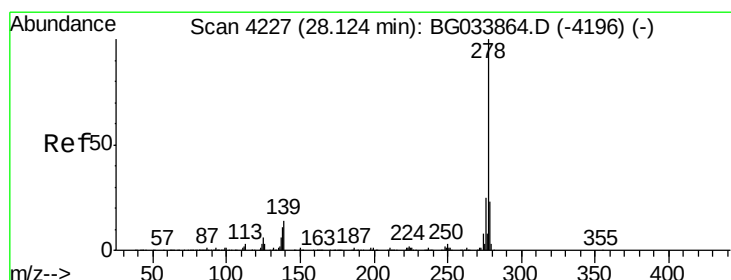
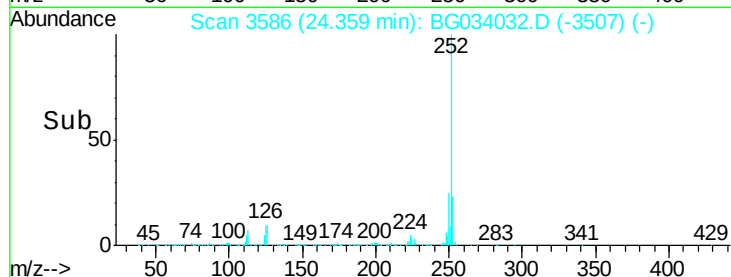
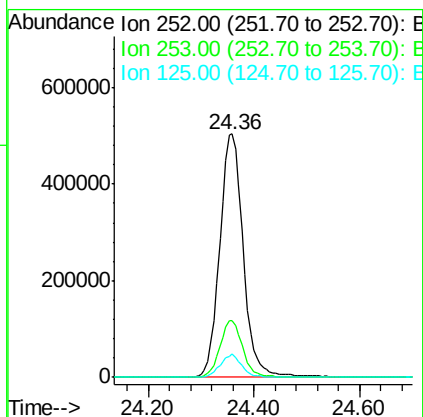
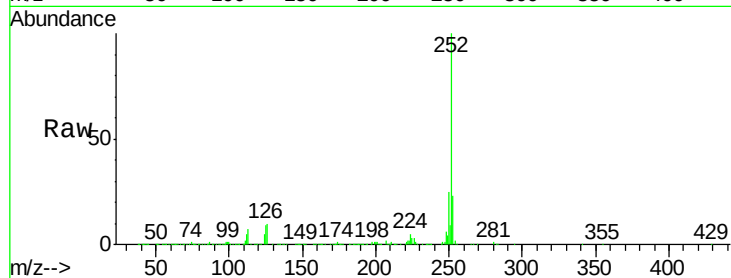
ClientSampleId :

PB108616BSD

Tot Ion:	252	Resp:	1550476
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	9.4	7.3	10.9

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#90

Dibenzo(a,h)anthracene

Concen: 42.341 ng

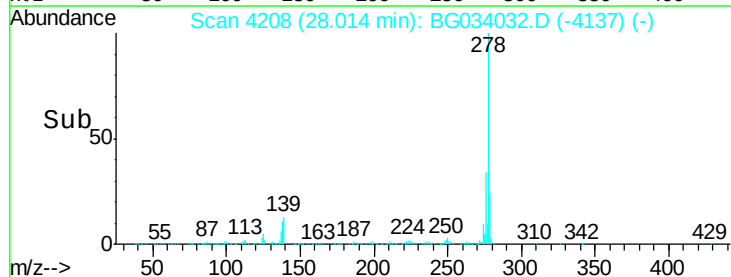
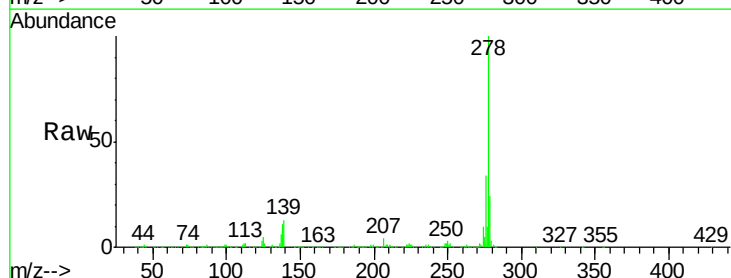
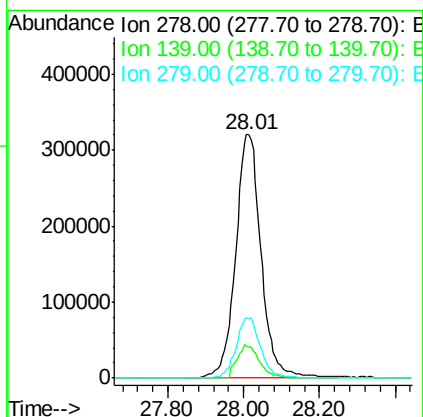
RT: 28.01 min Scan# 4208

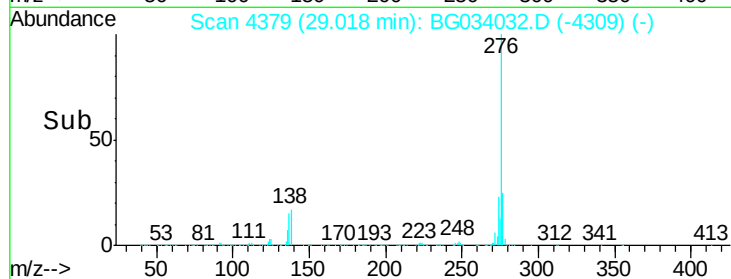
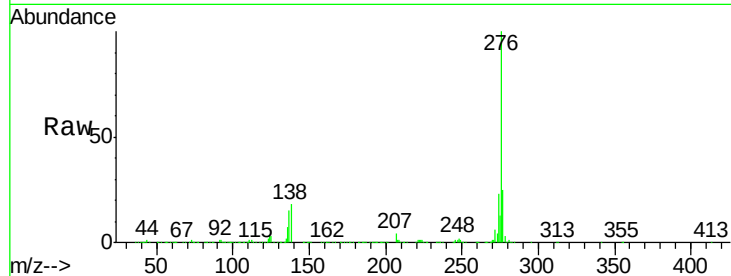
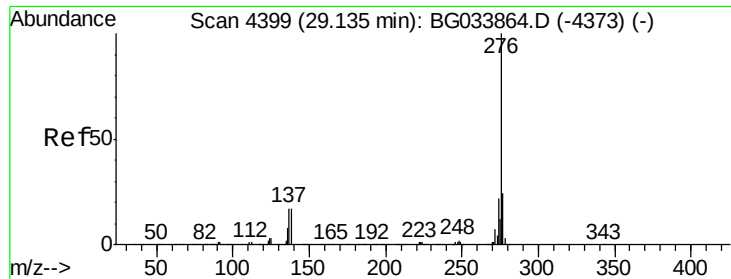
Delta R.T. -0.11 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tgt Ion:	278	Resp:	1503095
Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.8	14.6
279	24.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 42.863 ng

RT: 29.02 min Scan# 4379

Delta R.T. -0.12 min

Lab File: BG034032.D

Acq: 27 Apr 2018 4:23

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.3	27.5
138	17.5	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB108616BSD

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