

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032822.D
 Acq On : 26 Feb 2018 15:15
 Operator : SJ/JU
 Sample : J1688-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Manual Integrations
 APPROVED

Sohil
 2/27/2018 10:23:09 AM

Quant Time: Feb 26 18:08:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	70719	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	322055	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	182184	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	414483	20.00	ng	0.00
75) Chrysene-d12	22.63	240	397779	20.00	ng	0.00
86) Perylene-d12	26.44	264	433934	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	652273	147.56	ng	0.00
7) Phenol-d6	8.03	99	882803	143.28	ng	0.00
23) Nitrobenzene-d5	10.13	82	502882	105.63	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	311579	162.65	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1110322	87.90	ng	0.00
78) Terphenyl-d14	20.79	244	1608028	90.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	75235	39.217	ng	87
3) Pyridine	4.43	79	225389	42.626	ng	92
4) n-Nitrosodimethylamine	4.34	42	115249	54.365	ng	# 90
6) Aniline	8.22	93	318969	38.246	ng	95
8) 2-Chlorophenol	8.47	128	264229	54.612	ng	91
9) Benzaldehyde	8.03	77	117446	33.074	ng	93
10) Phenol	8.05	94	341276	54.947	ng	92
11) bis(2-Chloroethyl)ether	8.31	93	242549	47.758	ng	93
12) 1,3-Dichlorobenzene	8.81	146	259047	45.712	ng	97
13) 1,4-Dichlorobenzene	8.96	146	261292	45.807	ng	96
14) 1,2-Dichlorobenzene	9.29	146	251358	45.984	ng	97
15) Benzyl Alcohol	9.16	79	230685	50.929	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.45	45	396863	45.456	ng	97
17) 2-Methylphenol	9.35	107	230685	50.368	ng	95
18) Hexachloroethane	10.06	117	94010	48.404	ng	# 87
19) n-Nitroso-di-n-propylamine	9.74	70	203291	46.736	ng	# 97
20) 3+4-Methylphenols	9.69	107	321164	50.433	ng	95
22) Acetophenone	9.77	105	378998	46.597	ng	# 94
24) Nitrobenzene	10.17	77	274141	52.662	ng	90
25) Isophorone	10.69	82	563815	49.878	ng	# 93
26) 2-Nitrophenol	10.90	139	132834	65.006	ng	91
27) 2,4-Dimethylphenol	10.93	122	297290	60.541	ng	90
28) bis(2-Chloroethoxy)methane	11.17	93	344502	52.315	ng	94
29) 2,4-Dichlorophenol	11.44	162	242805	54.480	ng	96
30) 1,2,4-Trichlorobenzene	11.67	180	240409	46.017	ng	98
31) Naphthalene	11.87	128	801751	47.642	ng	99
32) Benzoic acid	11.04	122	12369	10.562	ng	# 79
33) 4-Chloroaniline	11.95	127	283841	37.722	ng	94
34) Hexachlorobutadiene	12.13	225	126592	43.199	ng	98
35) Caprolactam	12.69	113	102640	57.516	ng	# 83
36) 4-Chloro-3-methylphenol	13.01	107	294155	56.716	ng	92
37) 2-Methylnaphthalene	13.41	142	591309	48.567	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	246119	45.509	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	288955	104.838	ng	92

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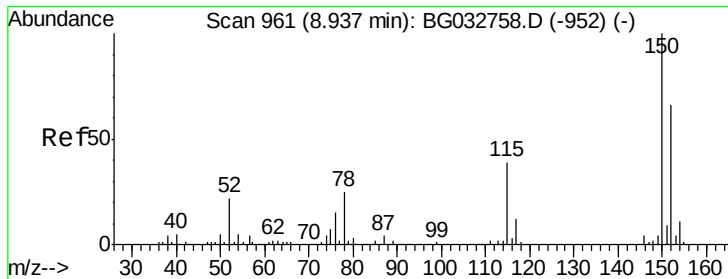
Manual Integrations
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Quant Time: Feb 26 18:08:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	190094	55.736	nq	98
43) 2,4,5-Trichlorophenol	14.06	196	209436	53.057	nq	97
45) 1,1'-Biphenyl	14.38	154	730064	45.858	nq	95
46) 2-Chloronaphthalene	14.44	162	554977	46.667	nq	98
47) 2-Nitroaniline	14.62	65	189724	60.133	nq	89
48) Acenaphthylene	15.27	152	902075	46.331	nq	97
49) Dimethylphthalate	14.97	163	808253	52.249	nq	99
50) 2,6-Dinitrotoluene	15.09	165	160018	59.810	nq	91
51) Acenaphthene	15.61	154	596738	49.213	nq	97
52) 3-Nitroaniline	15.43	138	152396	48.094	nq #	83
53) 2,4-Dinitrophenol	15.62	184	79556	92.709	nq #	1
54) Dibenzofuran	15.93	168	842518	48.797	nq	94
55) 4-Nitrophenol	15.70	139	311673	119.228	nq #	80
56) 2,4-Dinitrotoluene	15.87	165	222492	66.893	nq	87
57) Fluorene	16.58	166	685824	48.127	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	185115m	60.402	nq	
59) Diethylphthalate	16.31	149	777183	47.634	nq	98
60) 4-Chlorophenyl-phenylether	16.55	204	336137	48.218	nq	95
61) 4-Nitroaniline	16.58	138	195891	57.336	nq	80
62) Azobenzene	16.84	77	707823	48.493	nq	97
64) 4,6-Dinitro-2-methylphenol	16.63	198	92164	66.239	nq	95
65) n-Nitrosodiphenylamine	16.76	169	649250	48.151	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	207557	47.358	nq #	89
67) Hexachlorobenzene	17.57	284	216860	45.788	nq #	91
68) Atrazine	17.68	200	230931	52.031	nq	96
69) Pentachlorophenol	17.91	266	306015	102.578	nq	99
70) Phenanthrene	18.31	178	1103170	47.707	nq	97
71) Anthracene	18.41	178	1132212	48.770	nq	97
72) Carbazole	18.65	167	1096023	47.898	nq #	96
73) Di-n-butylphthalate	19.16	149	1332102	47.453	nq	98
74) Fluoranthene	20.26	202	1236512	48.408	nq	93
76) Benzidine	20.41	184	753439	55.568	nq	98
77) Pyrene	20.62	202	1251007	44.597	nq	95
79) Butylbenzylphthalate	21.49	149	640997	51.539	nq	93
80) Benzo(a)anthracene	22.61	228	1233465	48.357	nq	98
81) 3,3'-Dichlorobenzidine	22.49	252	386430	40.905	nq #	98
82) Chrysene	22.69	228	1160177	47.614	nq	96
83) Bis(2-ethylhexyl)phthalate	22.45	149	937492	50.923	nq	98
84) Di-n-octyl phthalate	23.88	149	1616063	57.591	nq	98
85) Indeno(1,2,3-cd)pyrene	30.89	276	1482673	52.176	nq	98
87) Benzo(b)fluoranthene	25.22	252	1263312	49.238	nq #	96
88) Benzo(k)fluoranthene	25.30	252	1232473	48.334	nq #	94
89) Benzo(a)pyrene	26.27	252	1237259	50.700	nq #	96
90) Dibenzo(a,h)anthracene	30.98	278	1240568	50.504	nq #	93
91) Benzo(g,h,i)perylene	32.29	276	1233989	50.961	nq #	91

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



#1

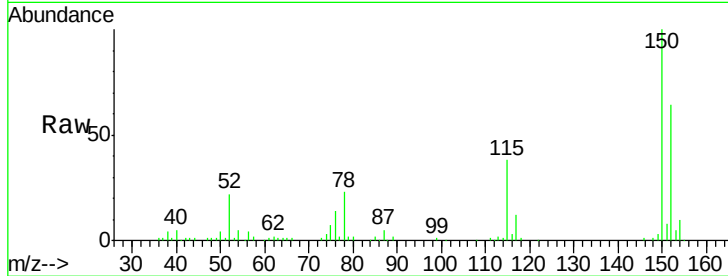
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	59.8	53.0	79.4

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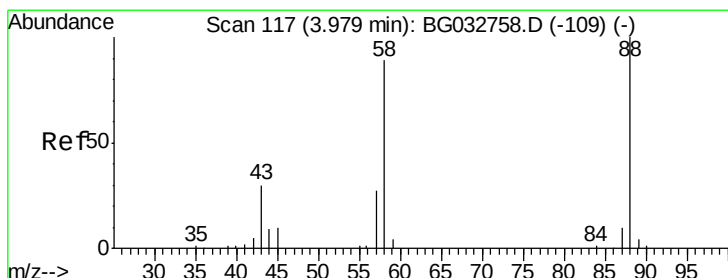
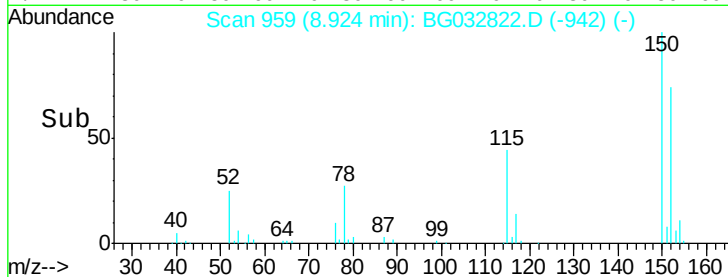
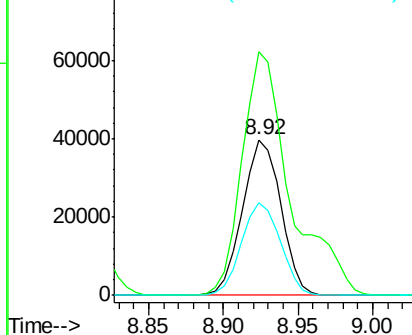


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

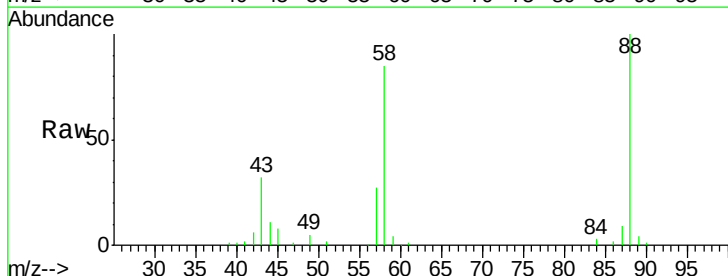
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.217 ng
RT: 3.97 min Scan# 116
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	79.6	119.4
43	31.4	27.4	41.0

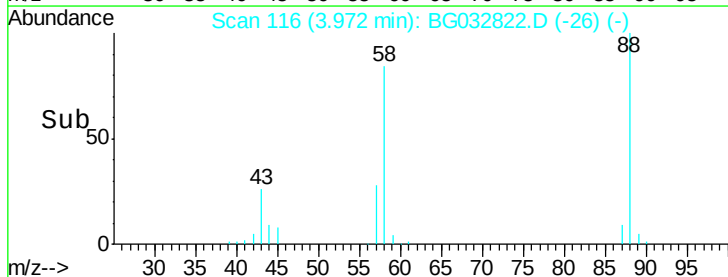
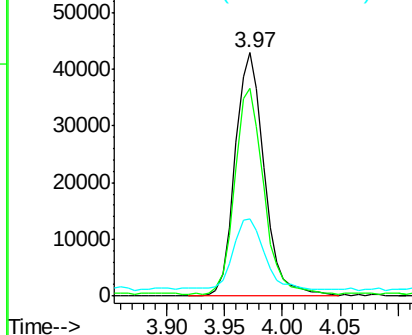


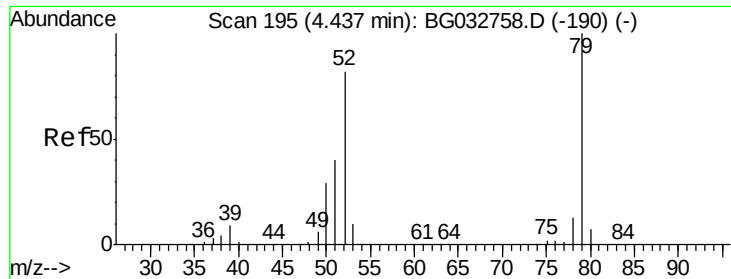
Abundance

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: 42.626 ng

RT: 4.43 min Scan# 194

Delta R.T. -0.01 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

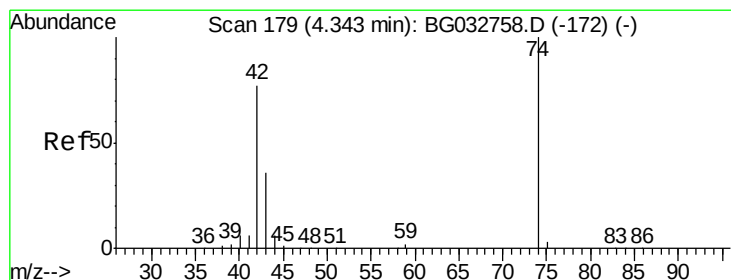
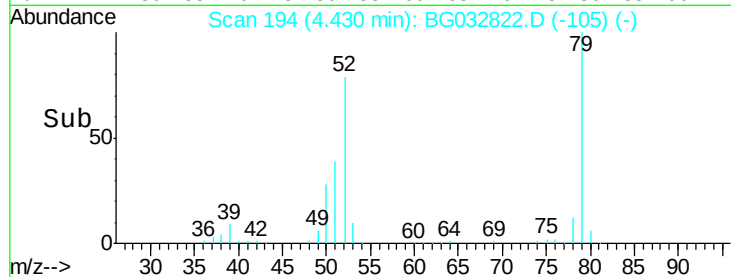
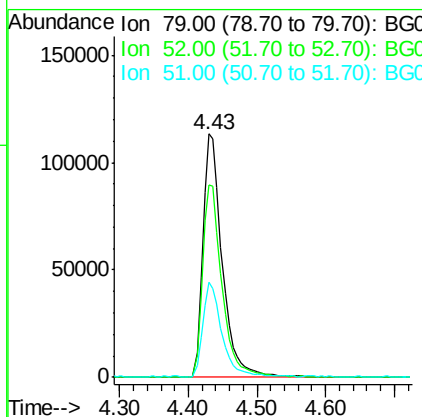
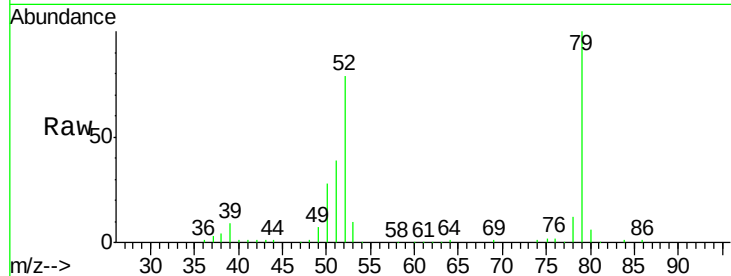
ClientSampleId :

T-3-ROADMS

Tot Ion:	79	Resp:	225389
Ion	Ratio	Lower	Upper
79	100		
52	78.8	69.9	104.9
51	39.3	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 54.365 ng

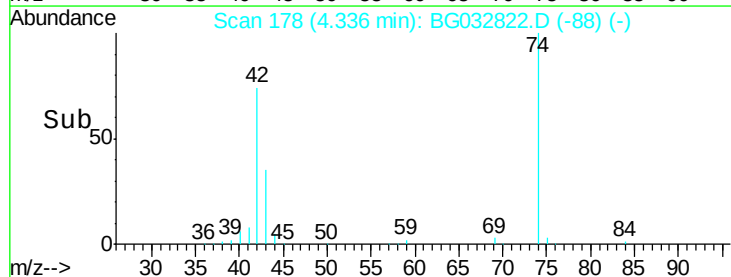
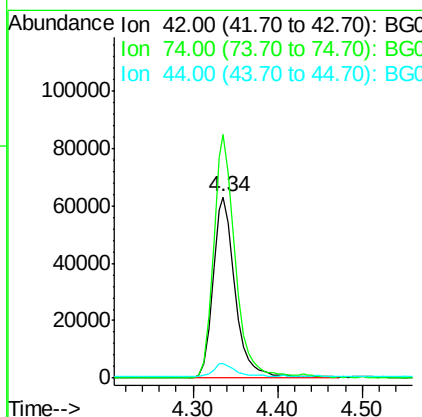
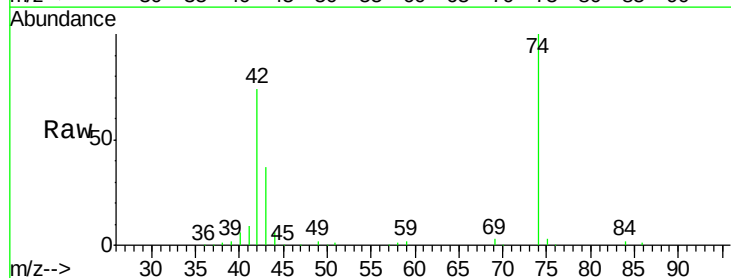
RT: 4.34 min Scan# 178

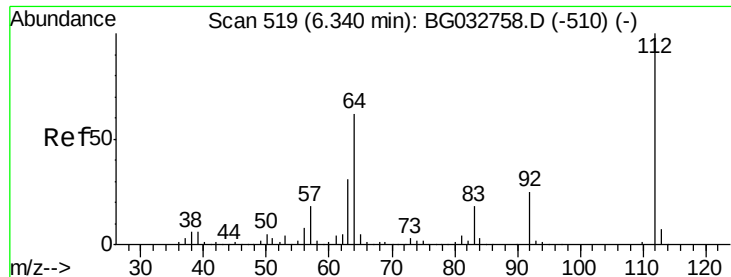
Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:	42	Resp:	115249
Ion	Ratio	Lower	Upper
42	100		
74	134.4	102.5	153.7
44	7.9	18.9	28.3





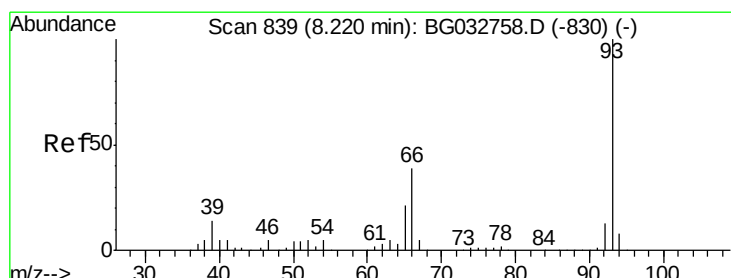
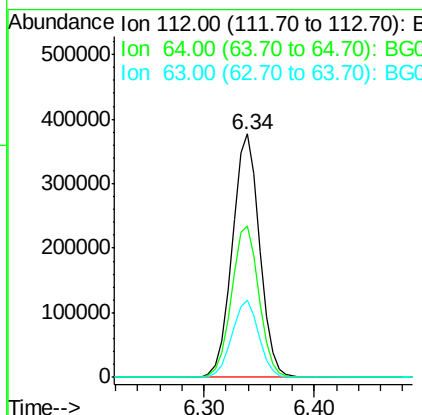
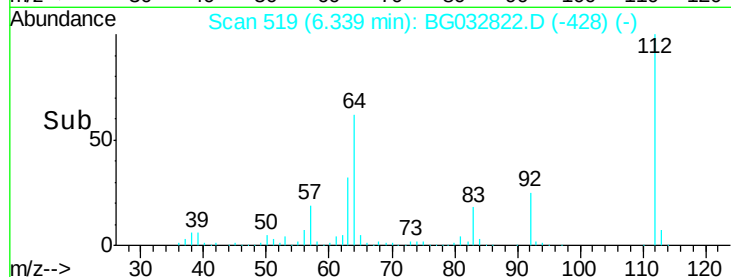
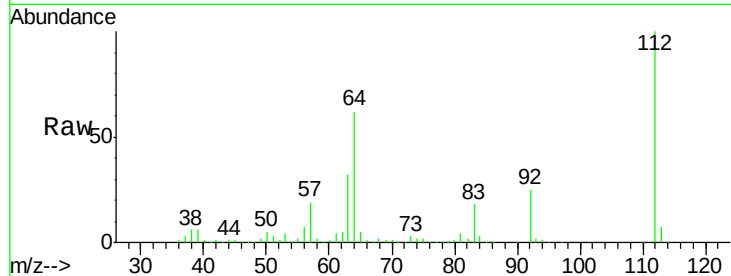
#5
2-Fluorophenol
Concen: 147.562 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:	112	Resp:	652273
Ion Ratio	Lower	Upper	
112	100		
64	62.2	56.3	84.5
63	31.9	30.1	45.1

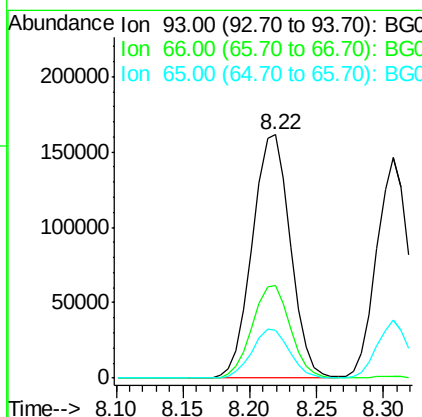
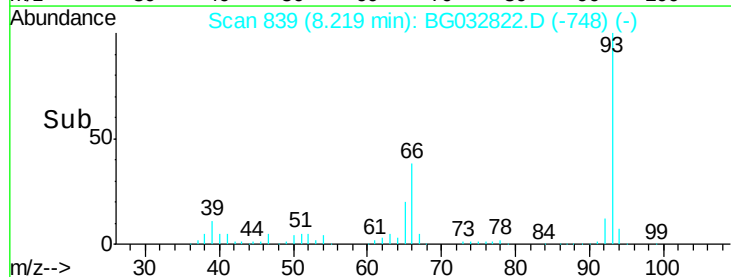
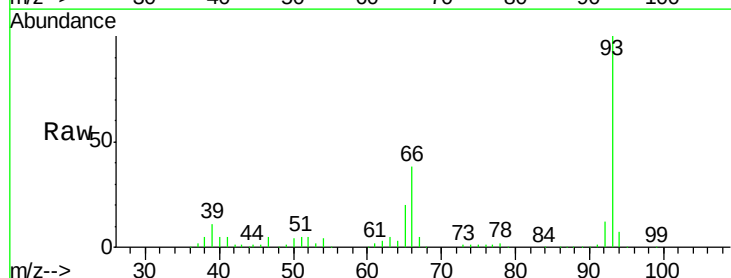
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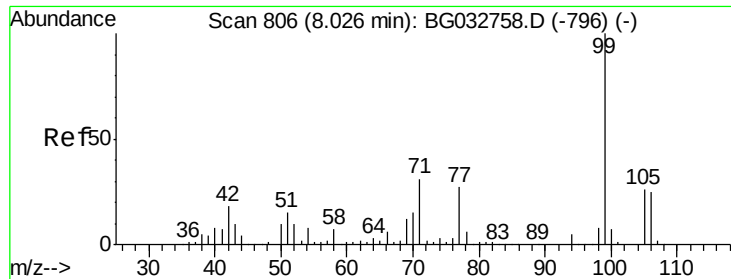
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#6
Aniline
Concen: 38.246 ng
RT: 8.22 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion:	93	Resp:	318969
Ion Ratio	Lower	Upper	
93	100		
66	37.8	33.7	50.5
65	19.5	16.1	24.1





#7

Phenol-d6

Concen: 143.281 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

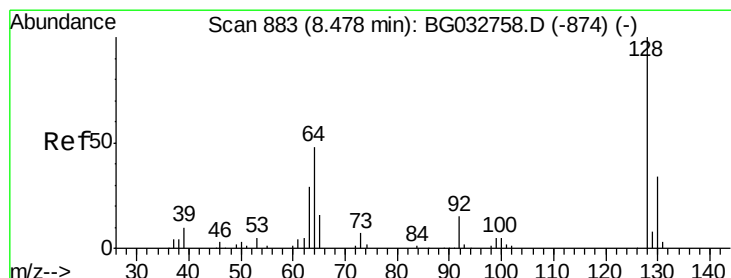
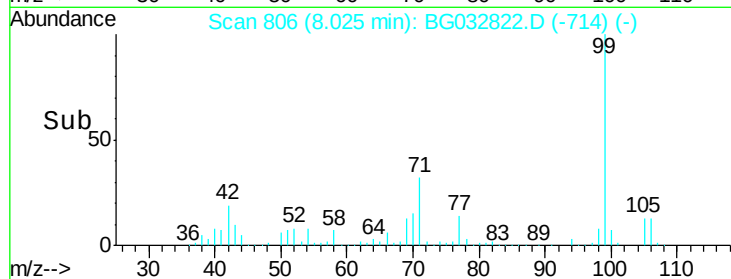
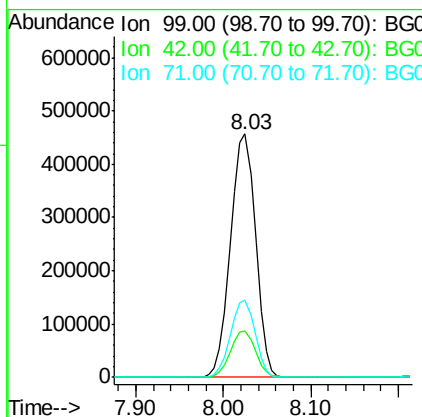
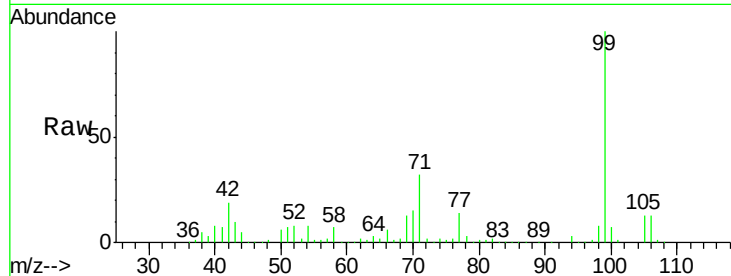
ClientSampleId :

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Tot Ion:	99	Resp:	882803
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.1	21.1
71	32.0	26.1	39.1

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#8

2-Chlorophenol

Concen: 54.612 ng

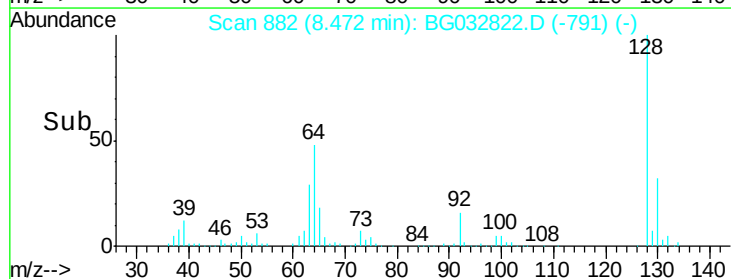
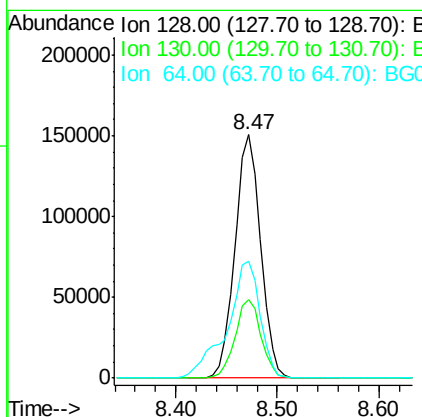
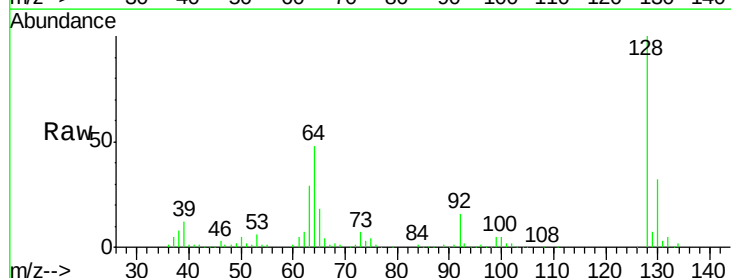
RT: 8.47 min Scan# 882

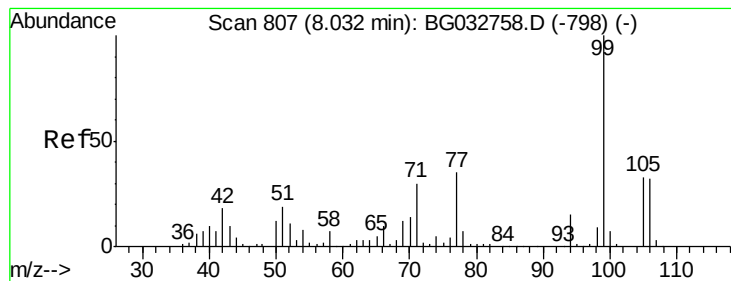
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:	128	Resp:	264229
Ion Ratio	Lower	Upper	
128	100		
130	32.4	14.0	54.0
64	48.2	37.7	77.7





#9

Benzaldehyde

Concen: 33.074 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

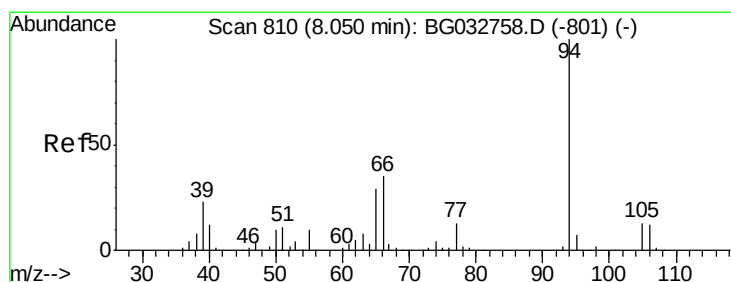
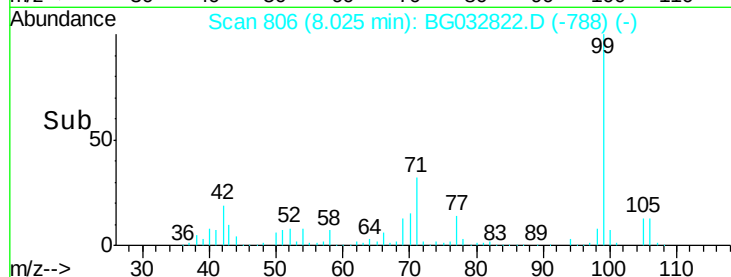
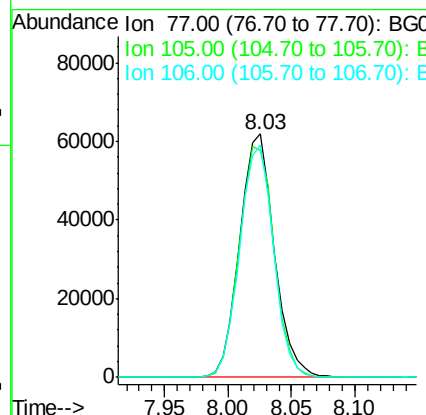
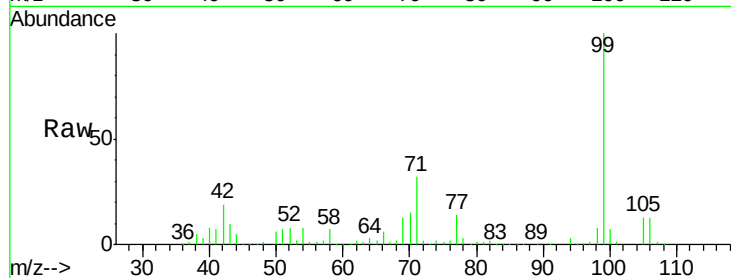
ClientSampleId :

T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.4	71.3	111.3
106	95.4	64.2	104.2

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#10

Phenol

Concen: 54.947 ng

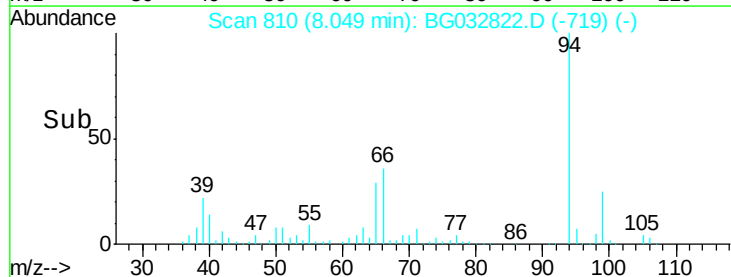
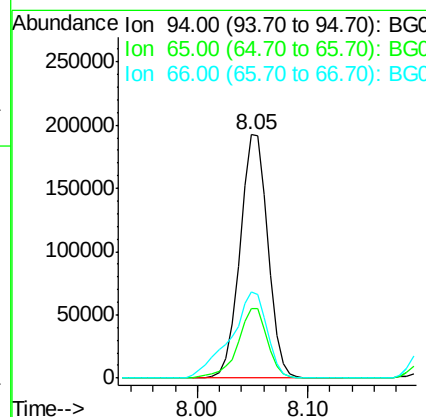
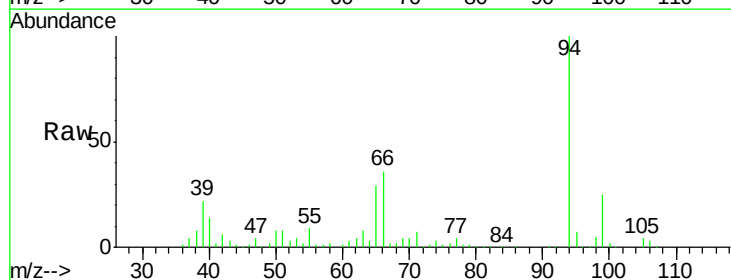
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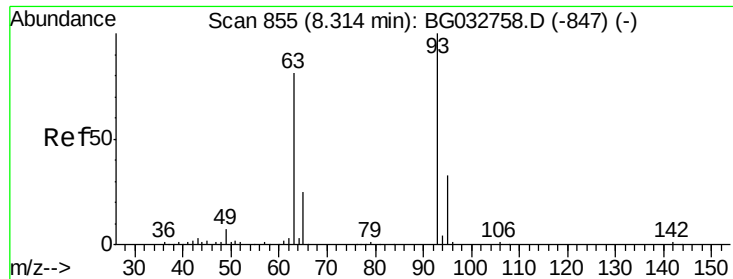
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	11.9	51.9
66	35.6	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 47.758 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

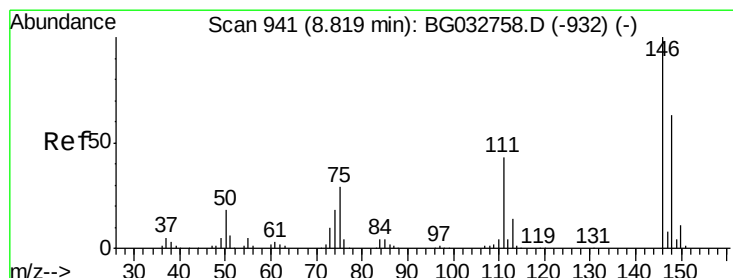
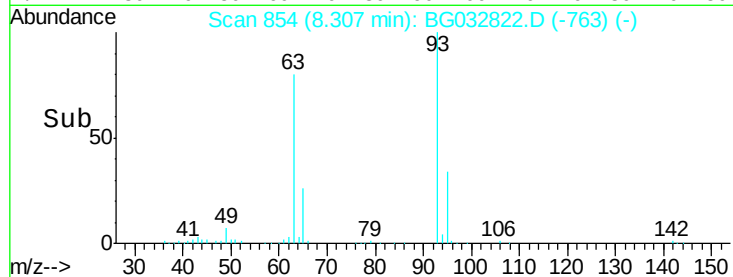
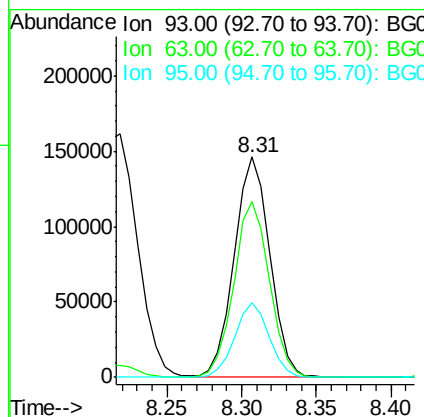
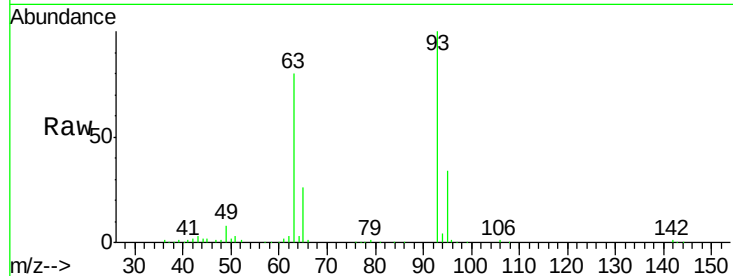
ClientSampleId :

T-3-ROADMS

Tot Ion:	93	Resp:	242549
Ion	Ratio	Lower	Upper
93	100		
63	79.7	67.1	107.1
95	33.7	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 45.712 ng

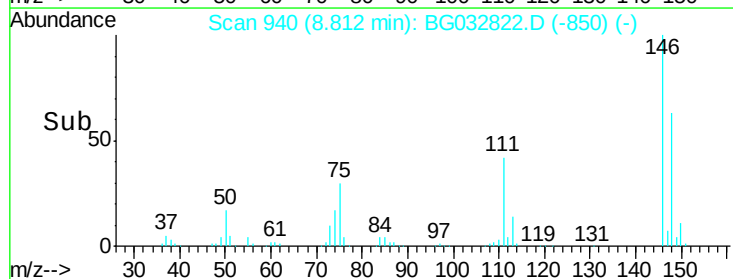
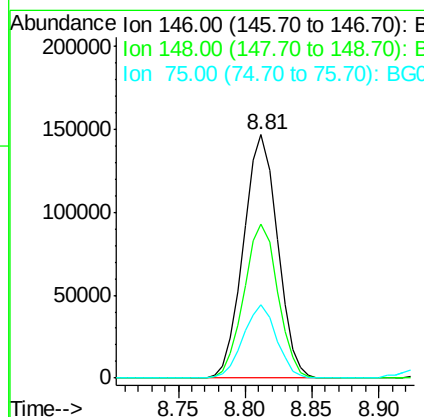
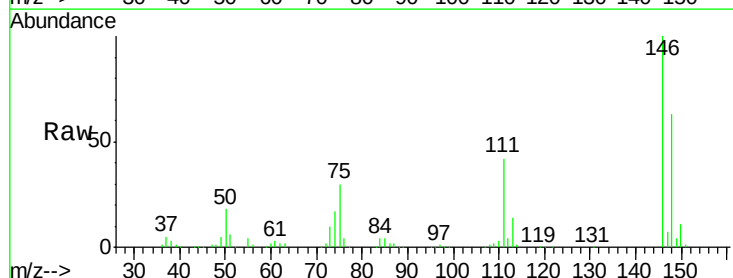
RT: 8.81 min Scan# 940

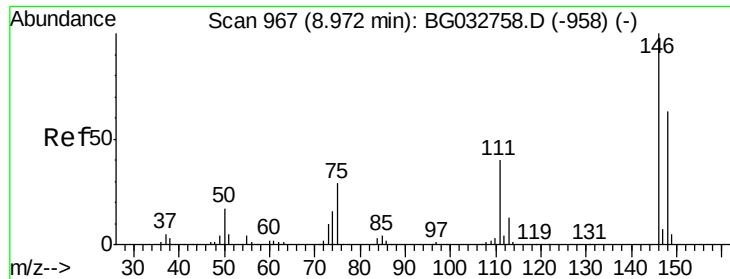
Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:	146	Resp:	259047
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	30.1	26.6	39.8





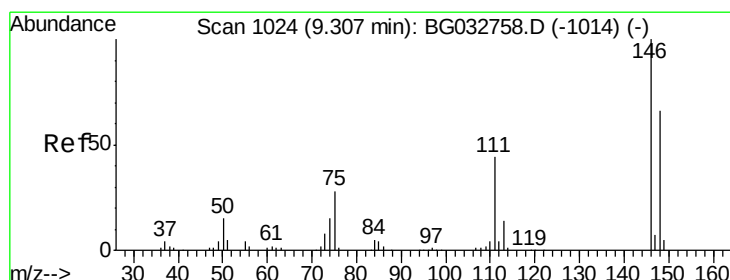
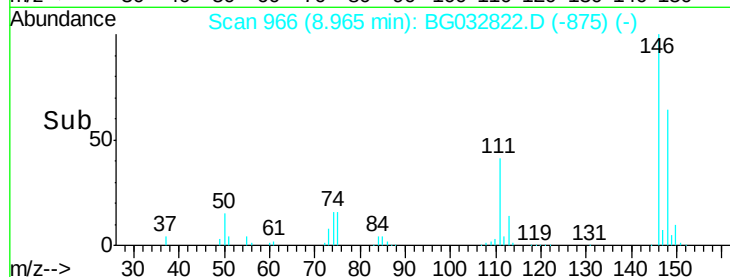
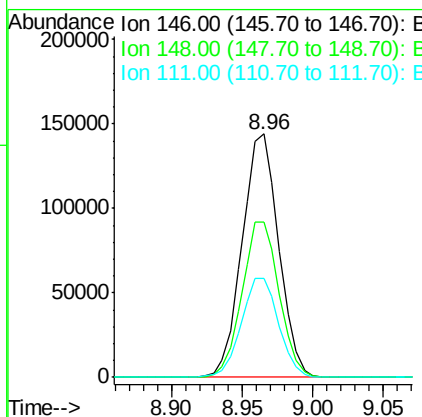
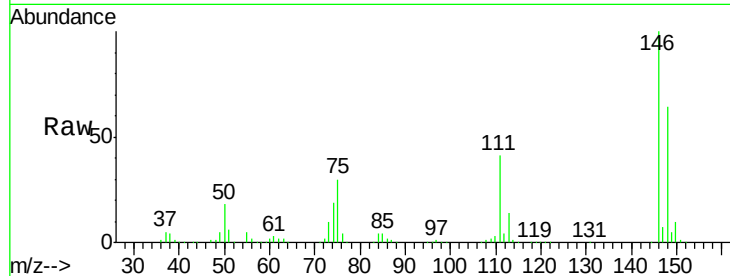
#13
 1,4-Dichlorobenzene
 Concen: 45.807 ng
 RT: 8.96 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.7	80.5
111	40.8	35.2	52.8

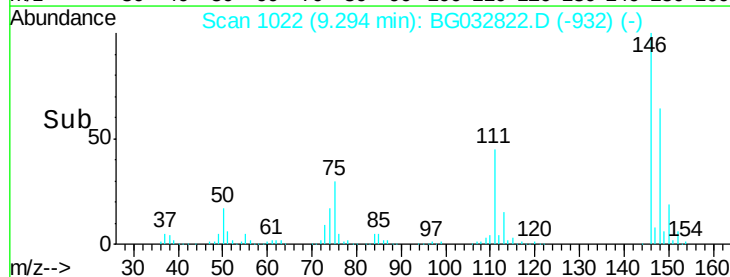
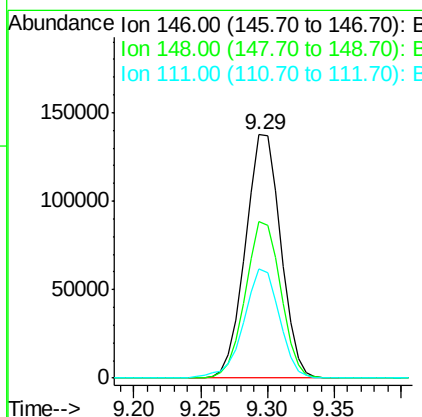
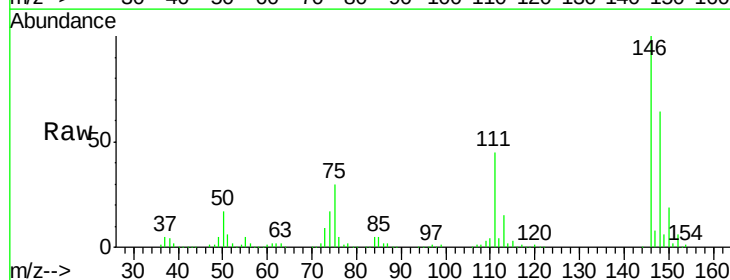
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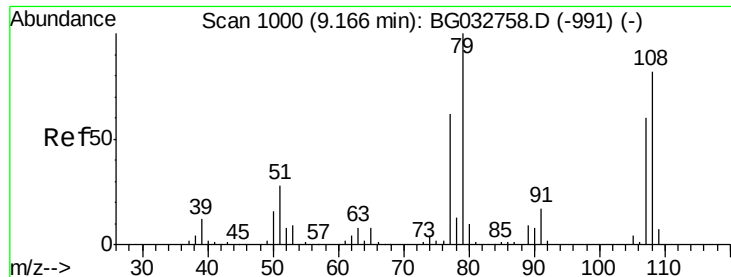
Sohil
 2/27/2018 10:23:09 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.984 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.3	73.9
111	45.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 50.929 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

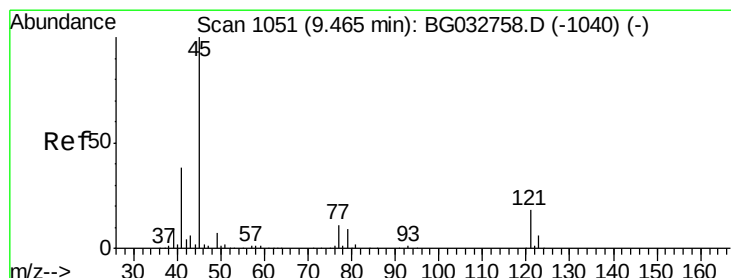
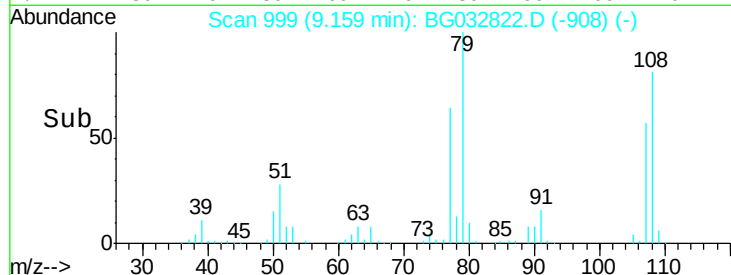
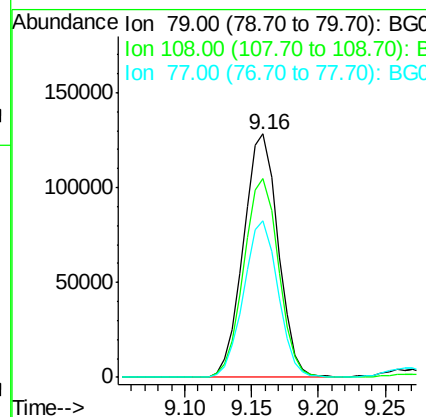
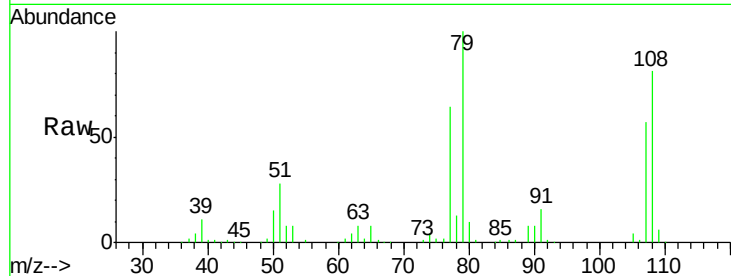
ClientSampleId :

T-3-ROADMS

Tot Ion:	79	Resp:	230685
Ion Ratio	Lower	Upper	
79	100		
108	81.5	57.2	85.8
77	64.4	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.456 ng

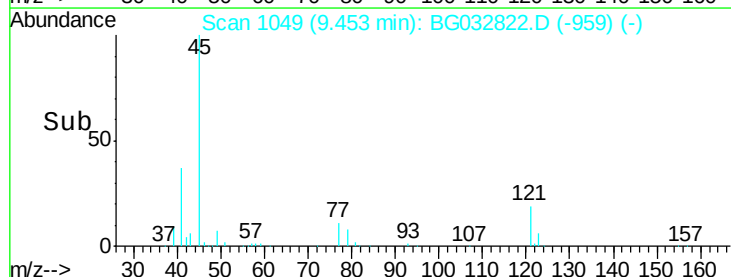
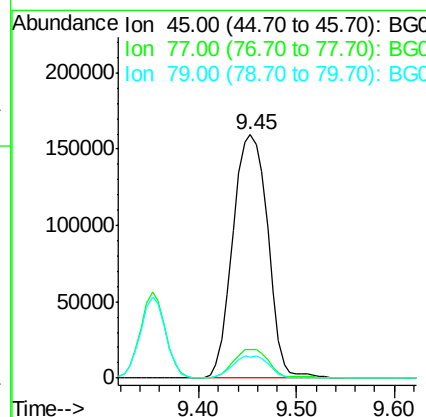
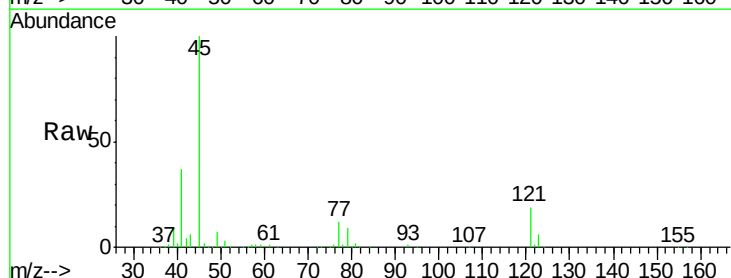
RT: 9.45 min Scan# 1049

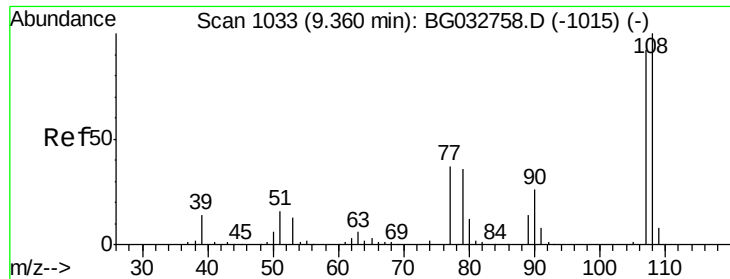
Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:	45	Resp:	396863
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.2
79	8.7	0.0	27.9





#17

2-Methylphenol

Concen: 50.368 ng

RT: 9.35 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

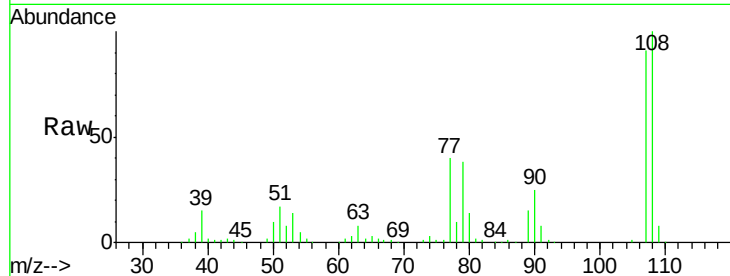
ClientSampleId :

T-3-ROADMS

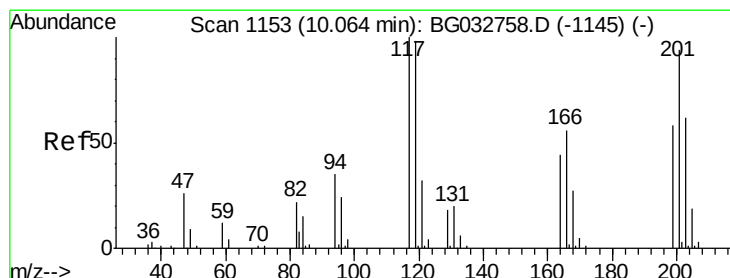
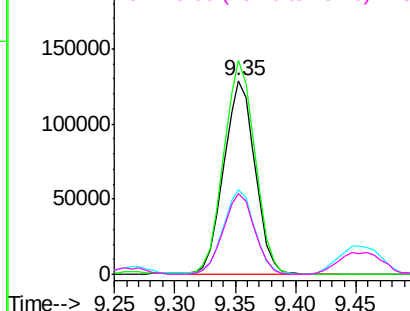
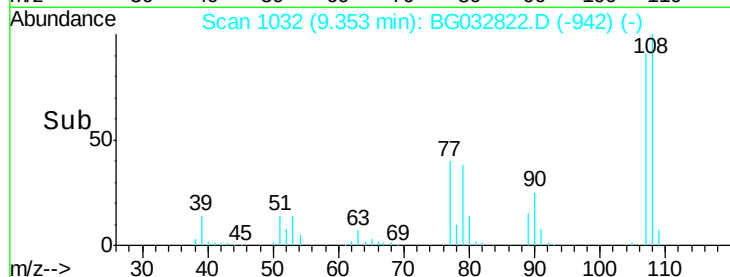
Tot Ion:	107	Resp:	230685
Ion Ratio	Lower	Upper	
107	100		
108	110.4	83.9	125.9
77	44.0	37.2	55.8
79	41.5	36.2	54.2

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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: 48.404 ng

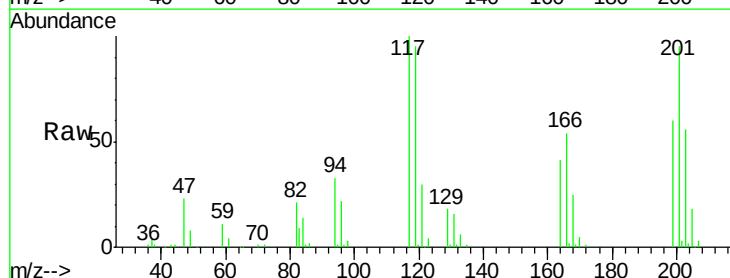
RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

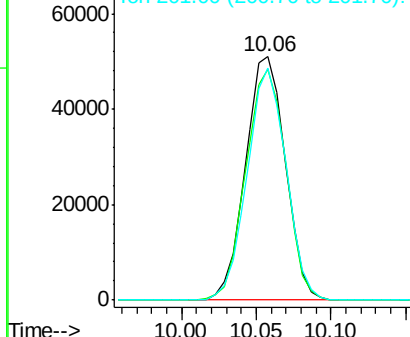
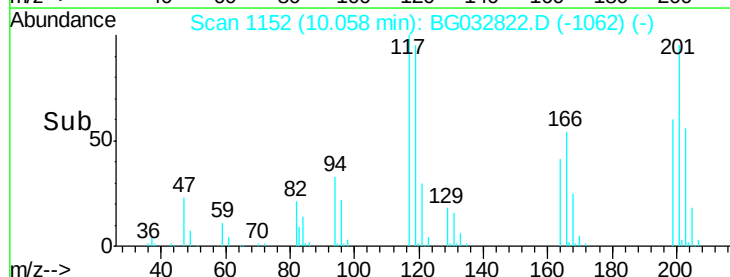
Lab File: BG032822.D

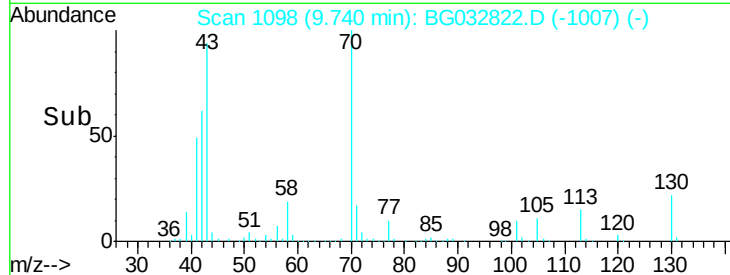
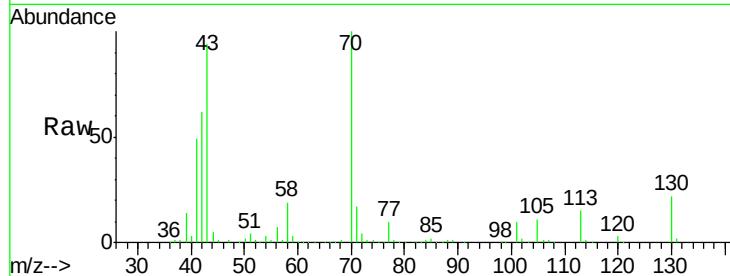
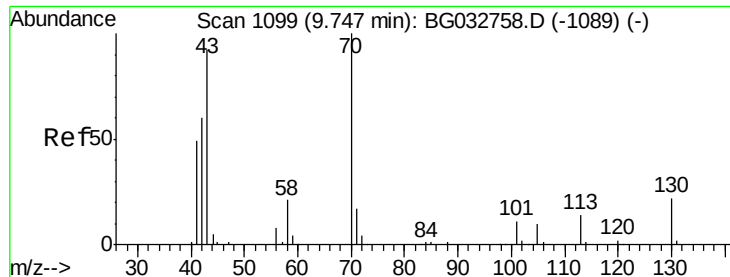
Acq: 26 Feb 2018 15:15

Tgt Ion:	117	Resp:	94010
Ion Ratio	Lower	Upper	
117	100		
119	94.7	76.7	115.1
201	95.2	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





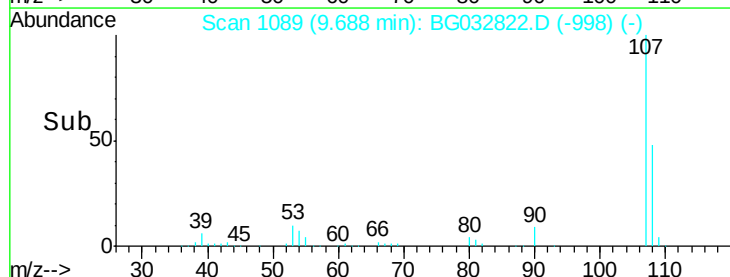
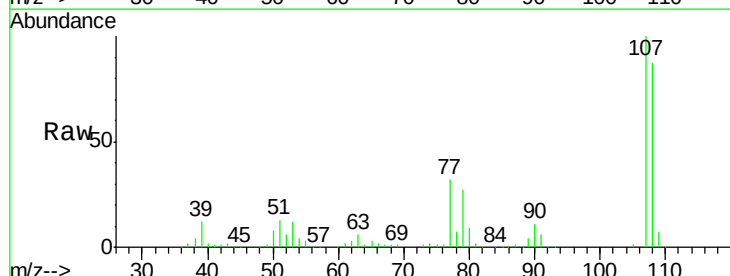
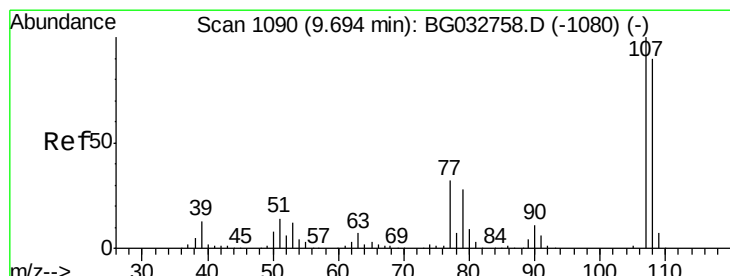
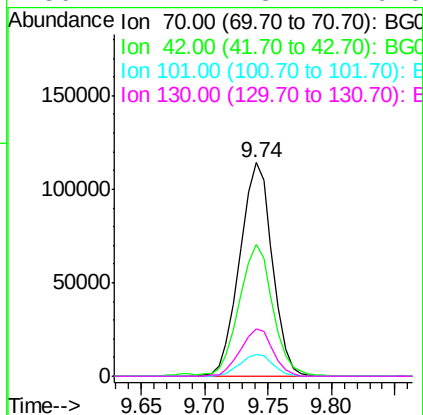
#19
n-Nitroso-di-n-propylamine
Concen: 46.736 ng
RT: 9.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.6	49.1	73.7	
101	9.9	8.5	12.7	
130	22.2	13.4	20.0	

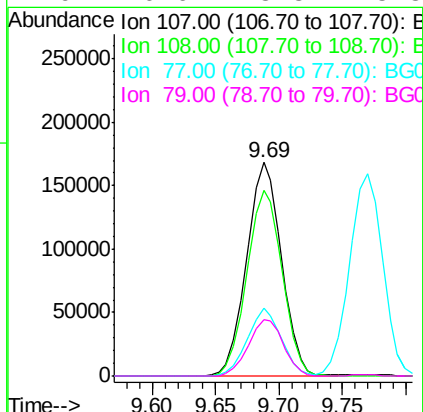
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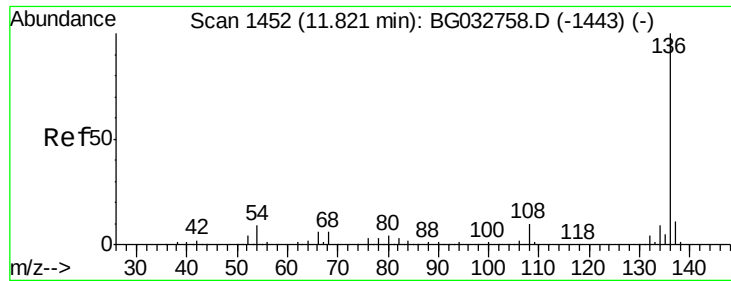
Sohil
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#20
3+4-Methylphenols
Concen: 50.433 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	61.6	101.6	
77	31.8	13.9	53.9	
79	26.6	8.8	48.8	





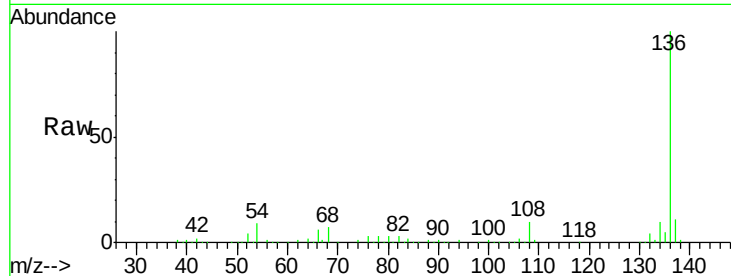
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	9.3	10.3	15.5	
68	6.9	4.5	6.7	

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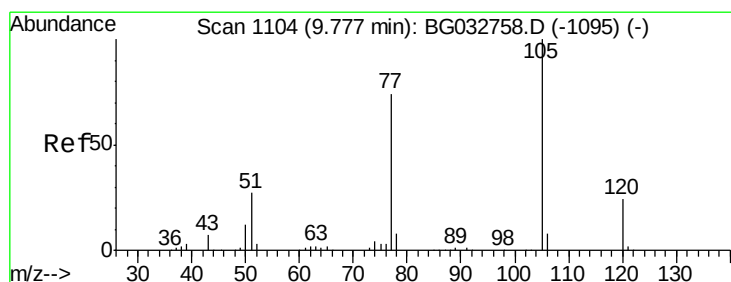
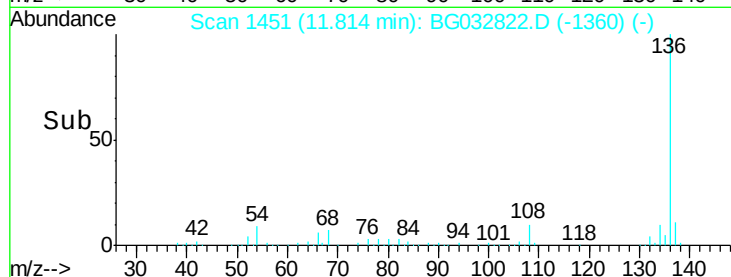
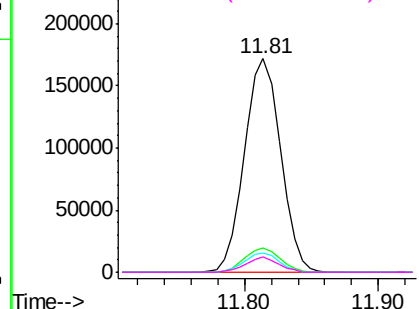
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.597 ng
RT: 9.77 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	3.0	4.4	
51	29.4	26.1	39.1	
120	24.2	17.4	26.2	

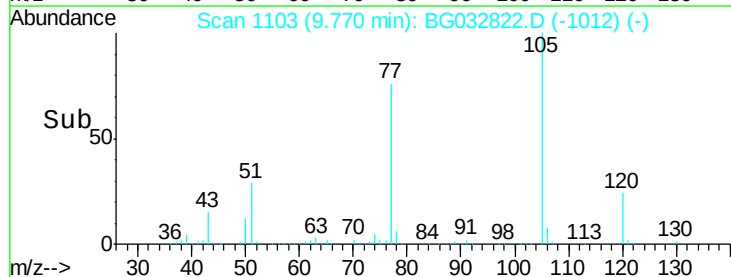
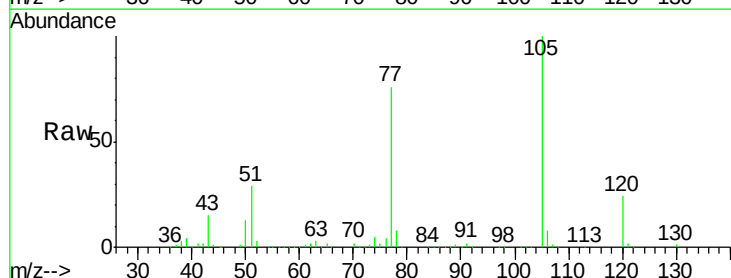
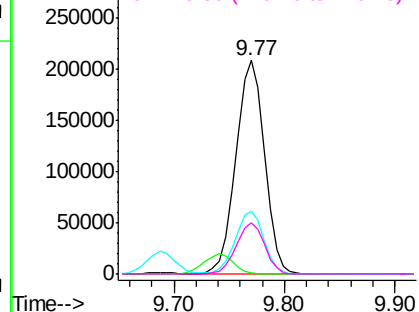
Abundance

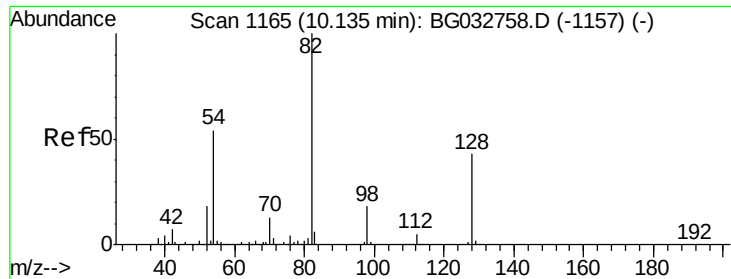
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





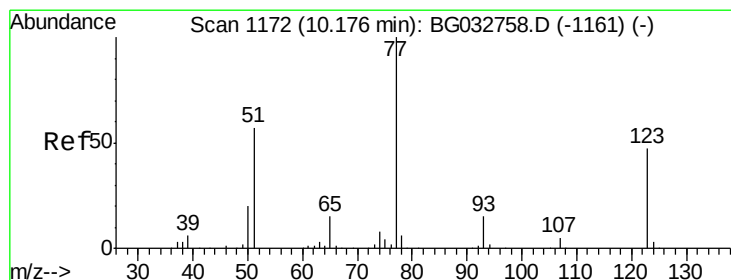
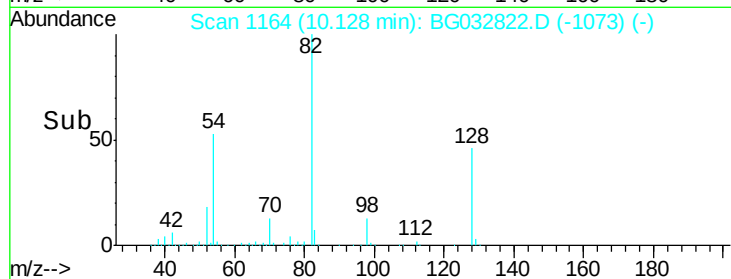
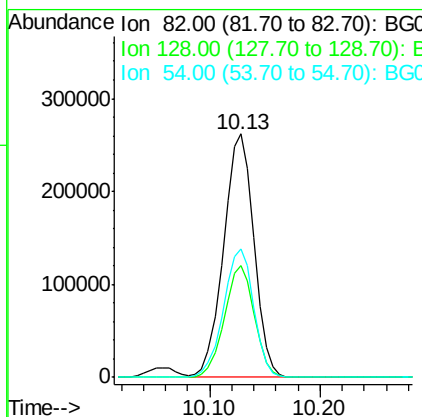
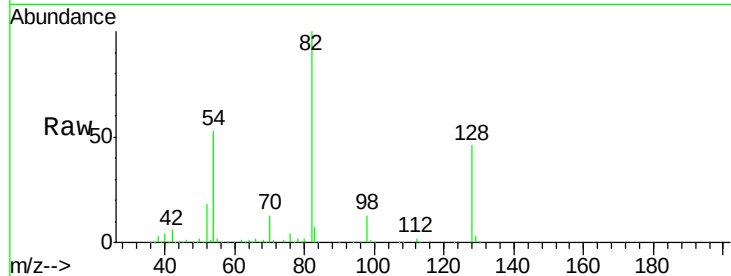
#23
 Nitrobenzene-d5
 Concen: 105.635 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	29.7	44.5#	
54	52.9	43.1	64.7	

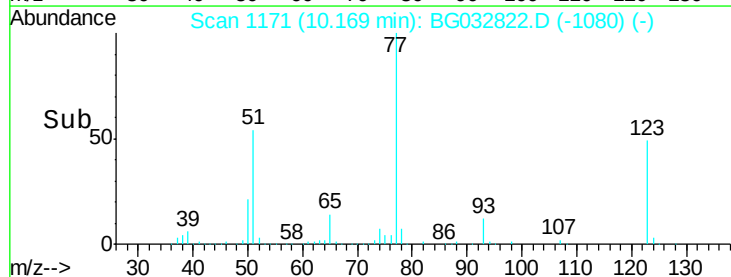
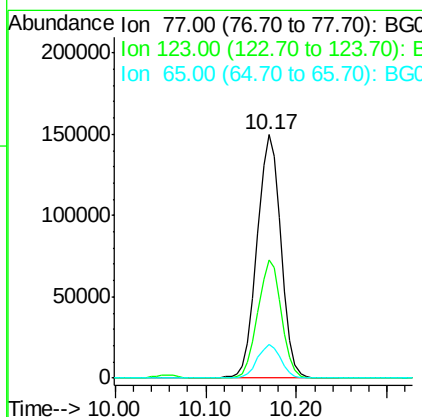
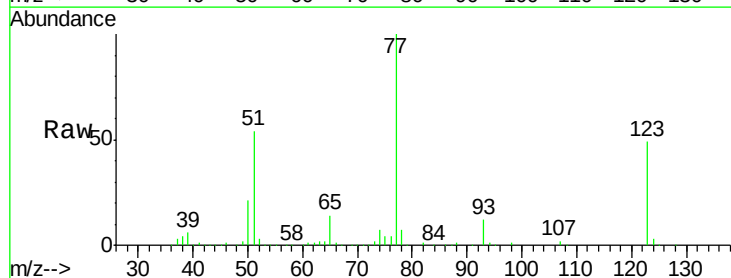
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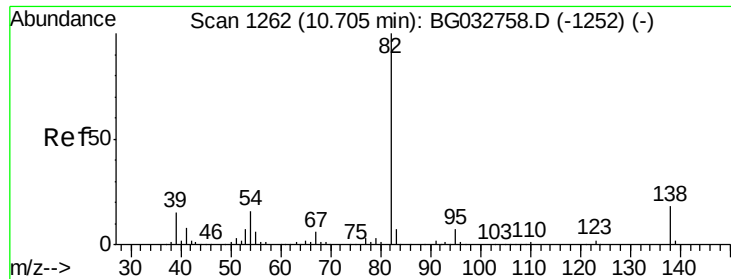
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#24
 Nitrobenzene
 Concen: 52.662 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.6	33.0	49.6	
65	13.9	13.0	19.6	





#25

Isophorone

Concen: 49.878 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

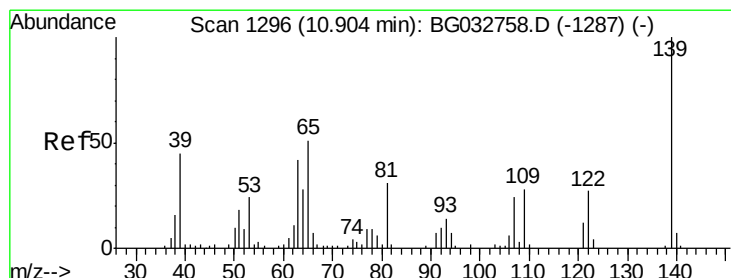
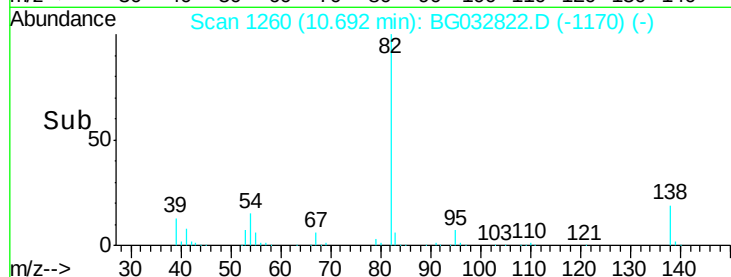
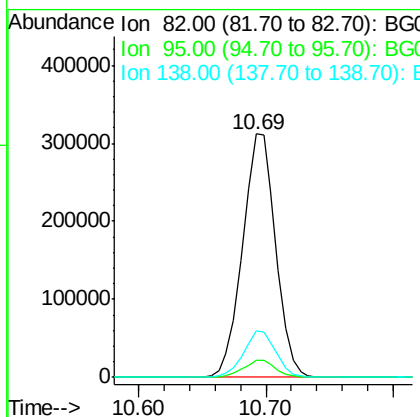
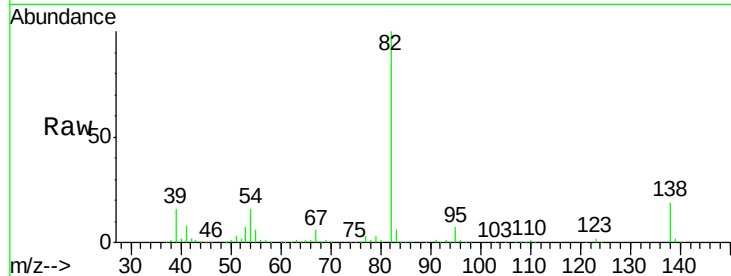
ClientSampleId :

T-3-ROADMS

Tot Ion:	82	Resp:	563815
Ion Ratio		Lower	Upper
82	100		
95	7.2	6.2	9.2
138	19.2	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 65.006 ng

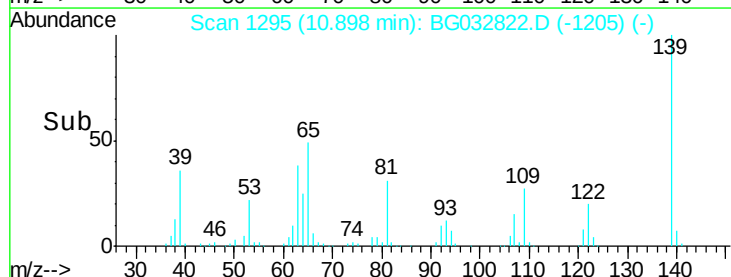
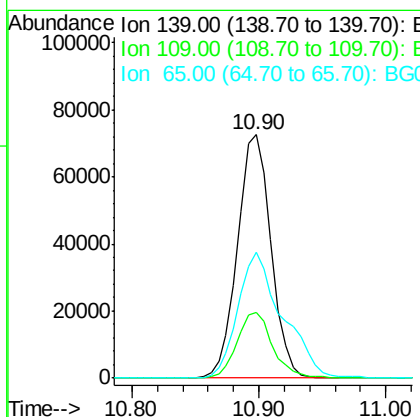
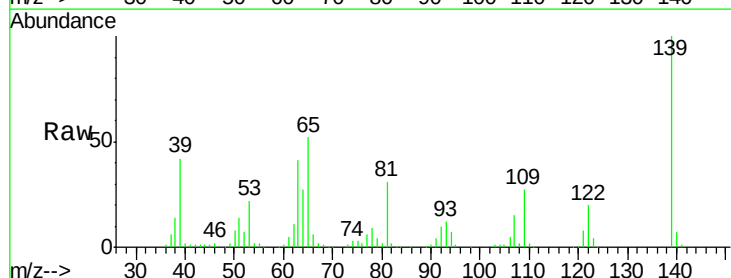
RT: 10.90 min Scan# 1295

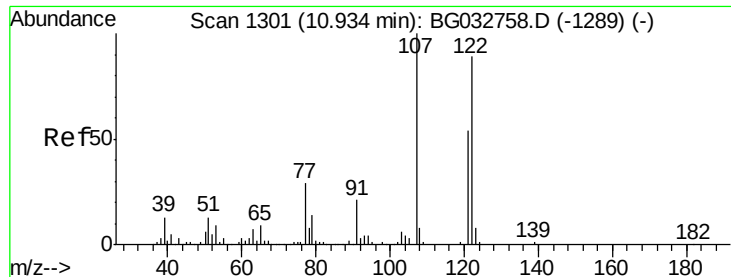
Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:	139	Resp:	132834
Ion Ratio		Lower	Upper
139	100		
109	26.9	24.2	36.2
65	51.7	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 60.541 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

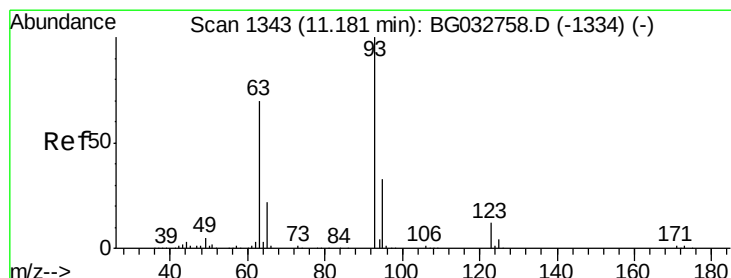
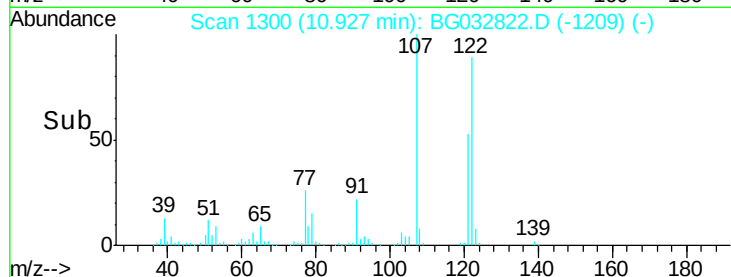
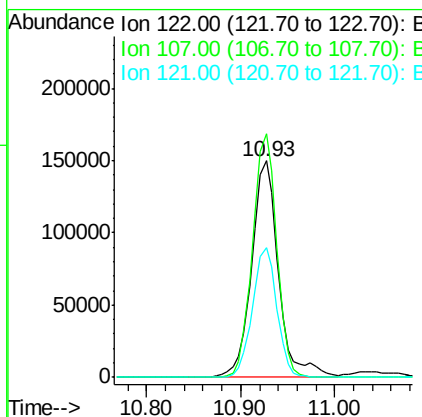
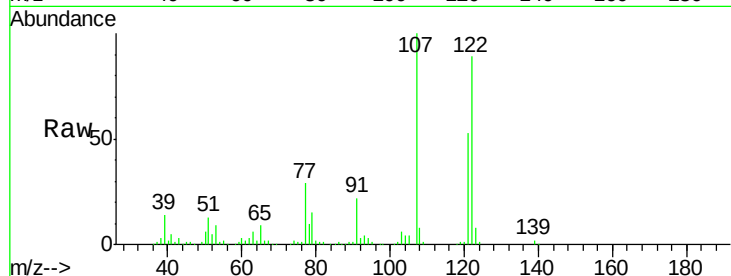
ClientSampleId :

T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	100.2	150.2
121	60.0	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 52.315 ng

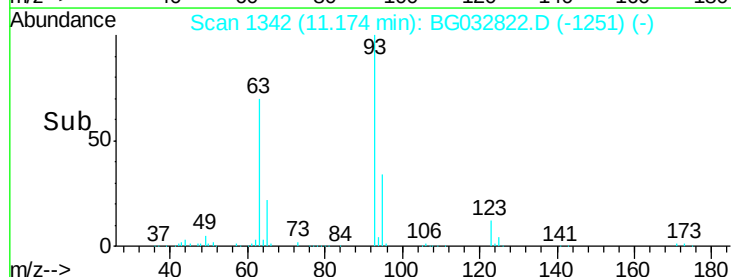
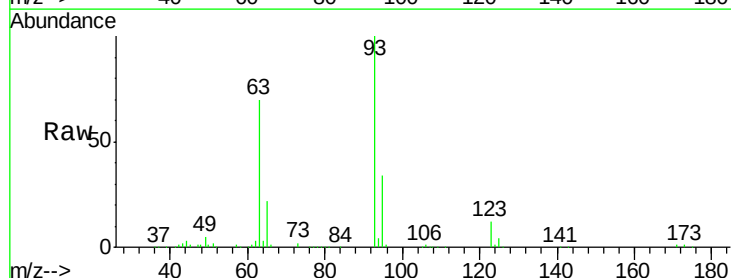
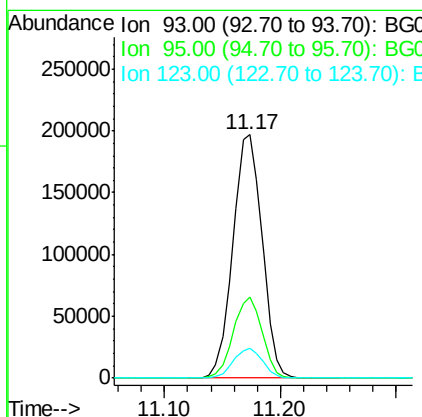
RT: 11.17 min Scan# 1342

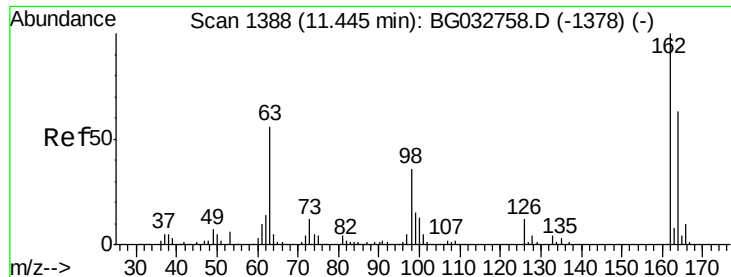
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	12.3	8.4	12.6





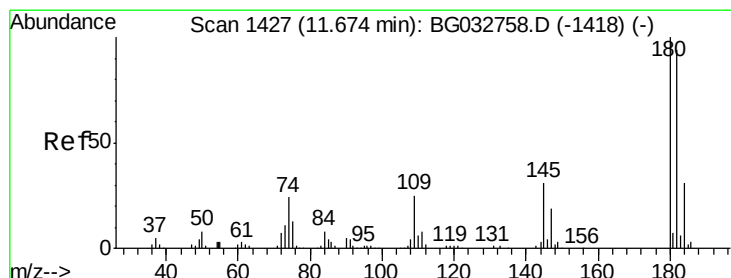
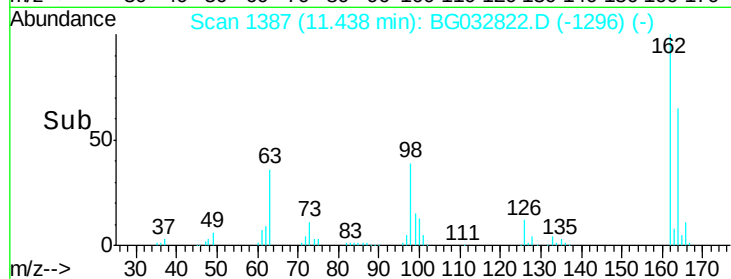
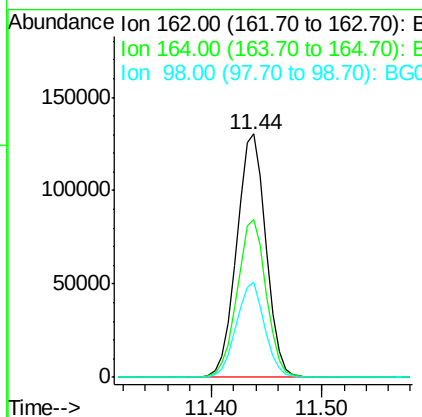
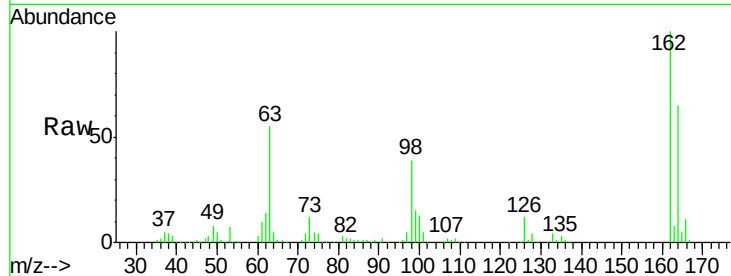
#29
2,4-Dichlorophenol
Concen: 54.480 ng
RT: 11.44 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	48.0	88.0
98	39.2	21.1	61.1

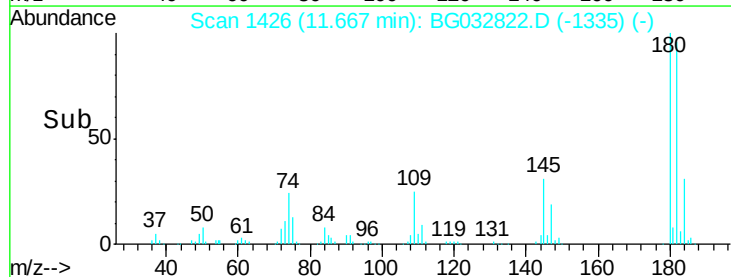
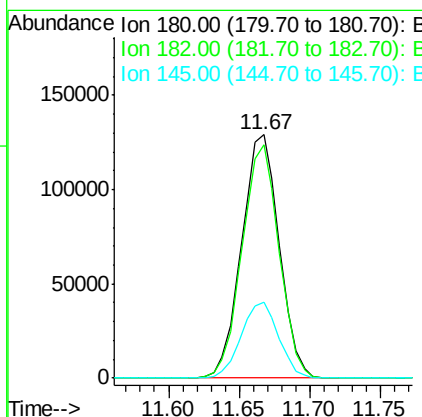
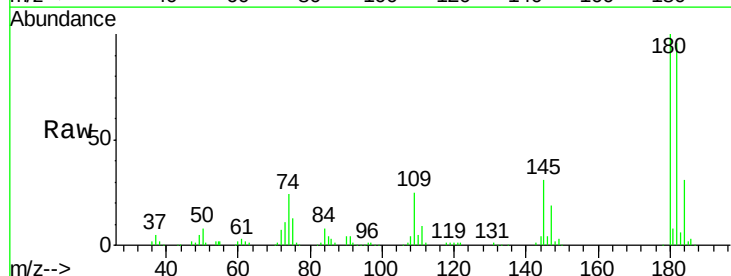
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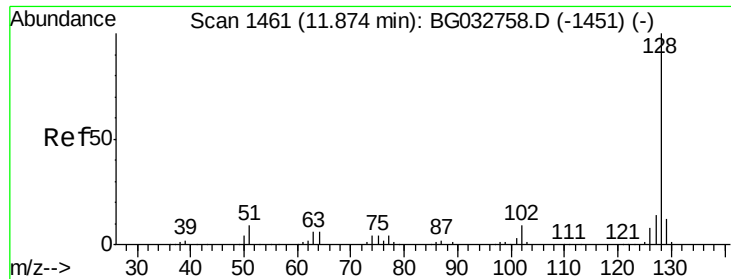
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#30
1,2,4-Trichlorobenzene
Concen: 46.017 ng
RT: 11.67 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	77.5	116.3
145	31.4	23.4	35.2





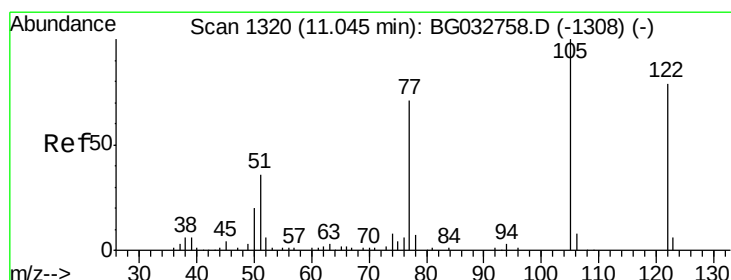
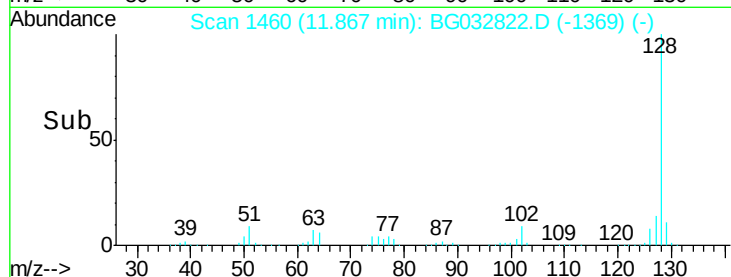
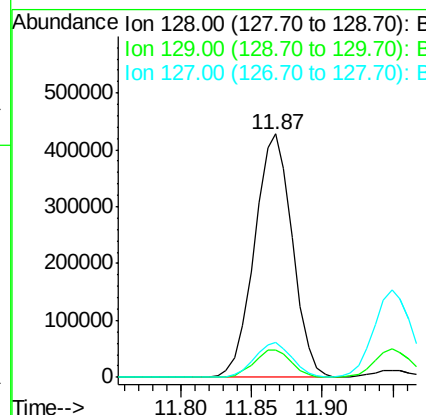
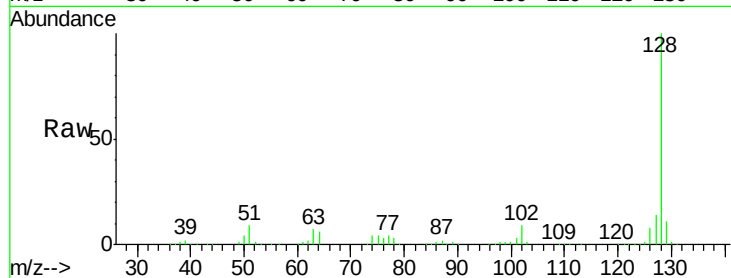
#31
Naphthalene
Concen: 47.642 ng
RT: 11.87 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.2	11.6	17.4

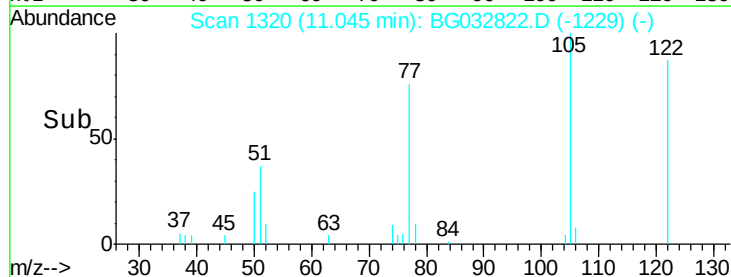
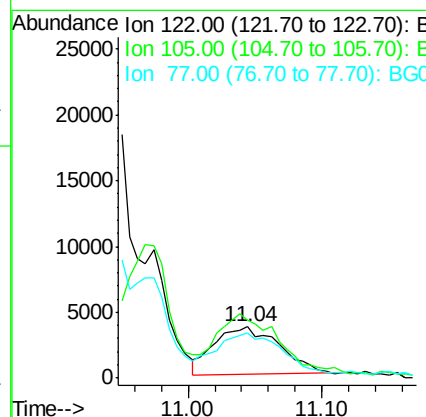
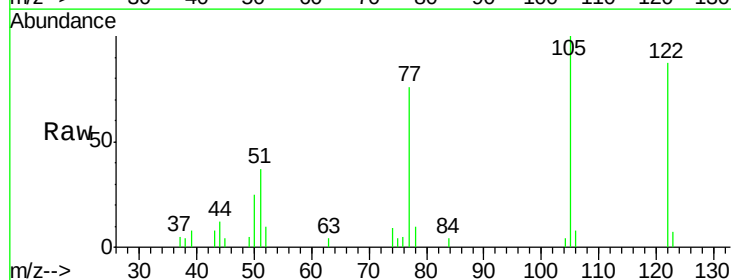
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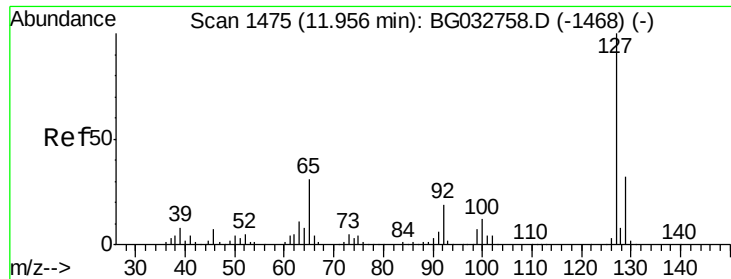
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#32
Benzoic acid
Concen: 10.562 ng
RT: 11.04 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.5	123.5	163.5#
77	87.5	85.7	125.7





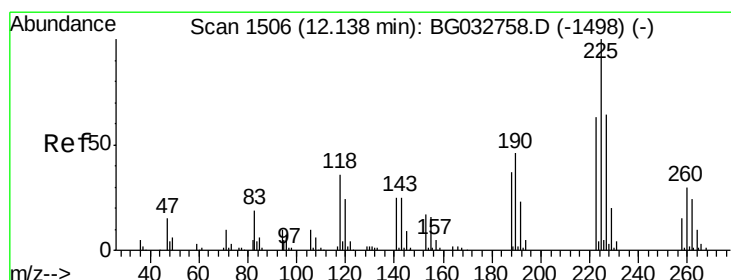
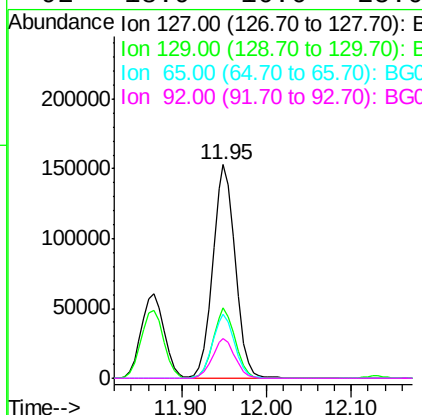
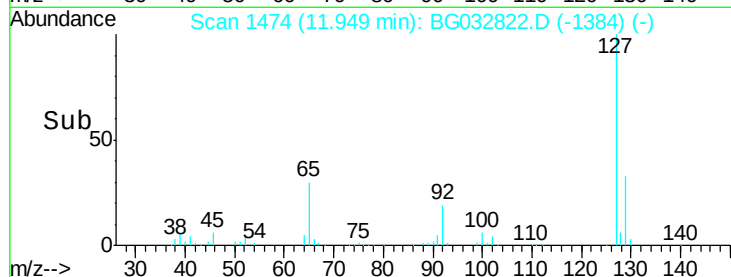
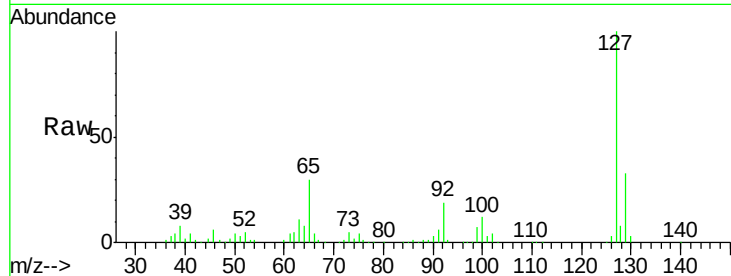
#33
4-Chloroaniline
Concen: 37.722 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.0	36.0
65	29.8	27.0	40.4
92	18.9	16.6	25.0

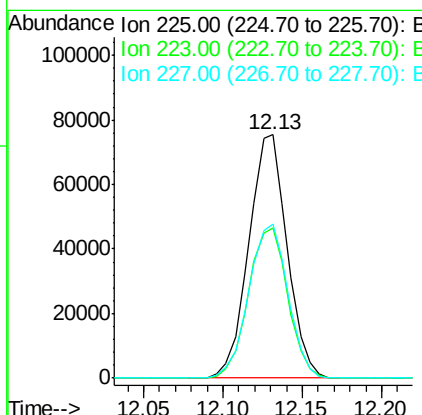
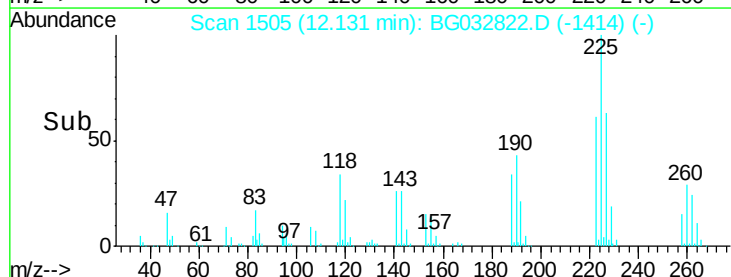
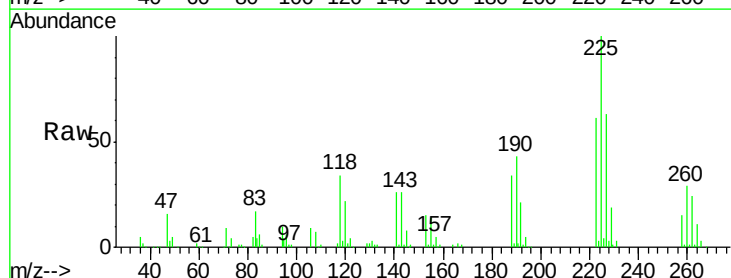
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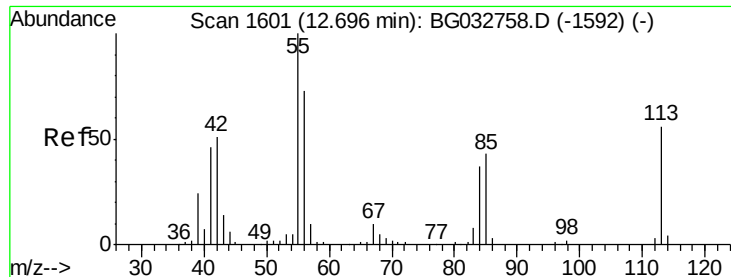
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#34
Hexachlorobutadiene
Concen: 43.199 ng
RT: 12.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.7	74.5
227	63.0	48.1	72.1





#35

Caprolactam

Concen: 57.516 ng

RT: 12.69 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

ClientSampled :

T-3-ROADMS

Tot Ion:113 Resp: 102640

Ion Ratio Lower Upper

113 100

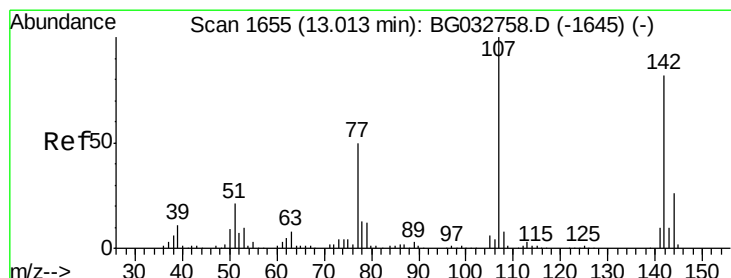
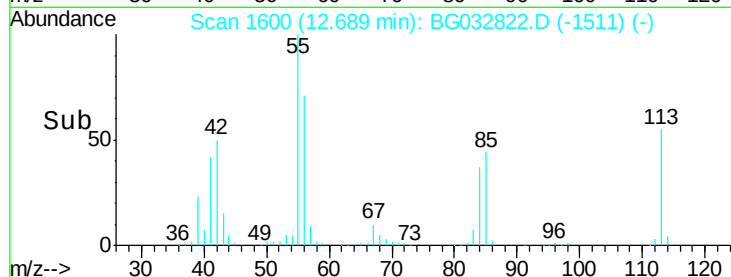
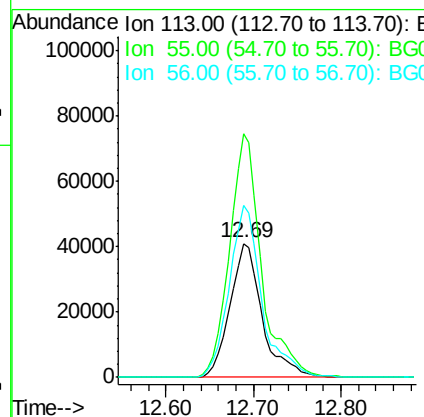
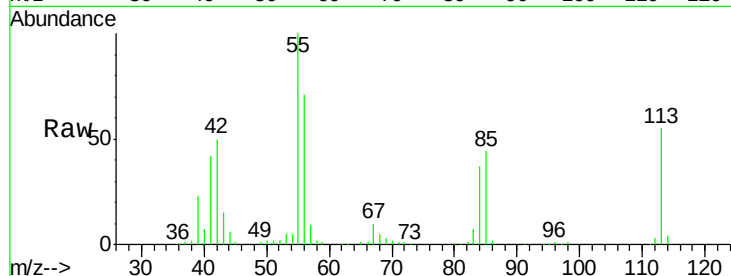
55 182.1 186.9 226.9#

56 128.9 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 56.716 ng

RT: 13.01 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

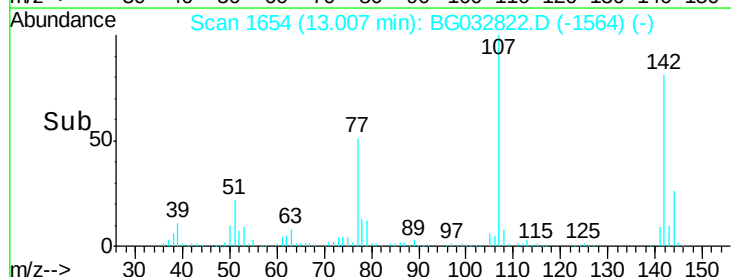
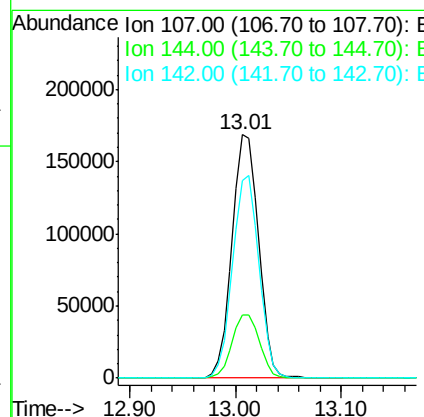
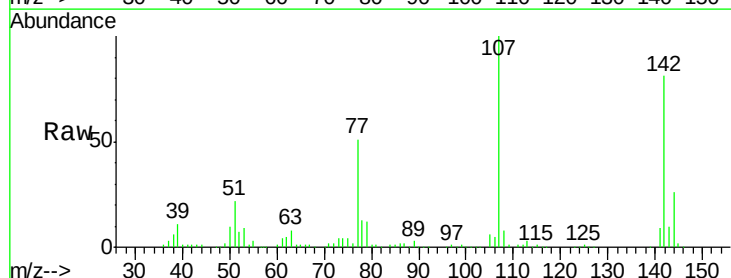
Tgt Ion:107 Resp: 294155

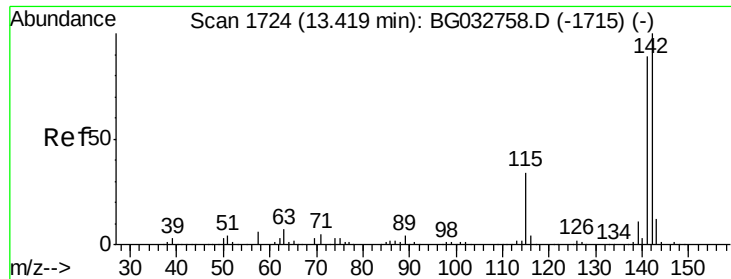
Ion Ratio Lower Upper

107 100

144 26.0 18.2 27.4

142 81.2 59.0 88.4





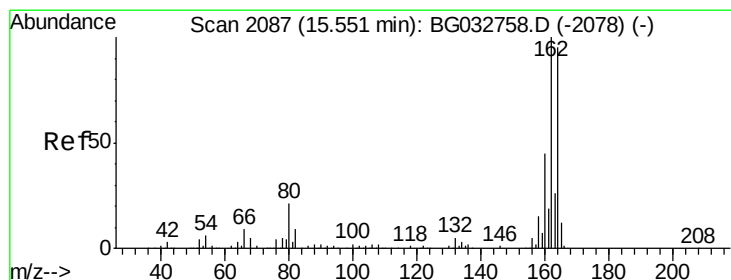
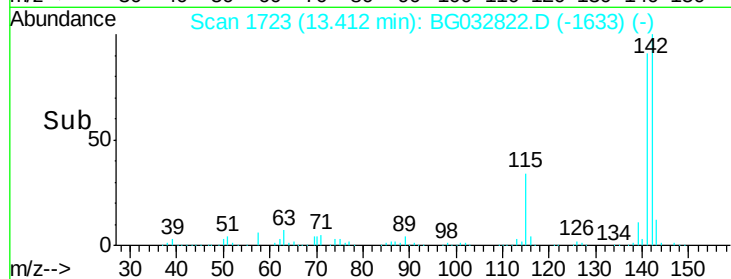
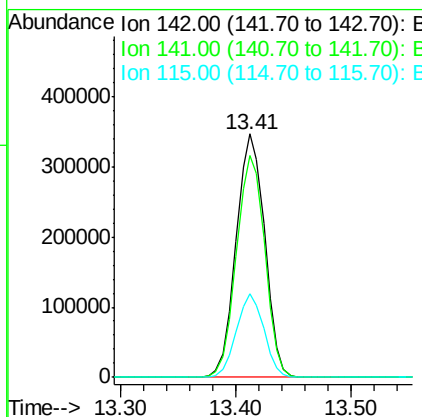
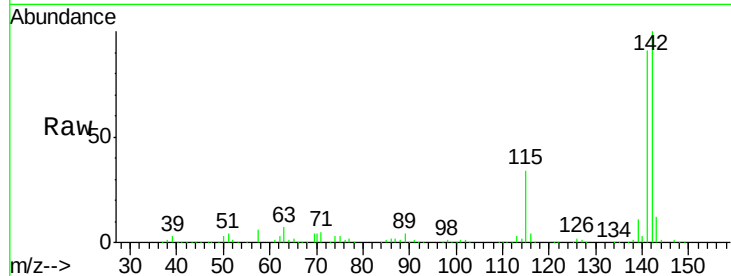
#37
2-Methylnaphthalene
Concen: 48.567 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	67.1	100.7
115	34.1	30.7	46.1

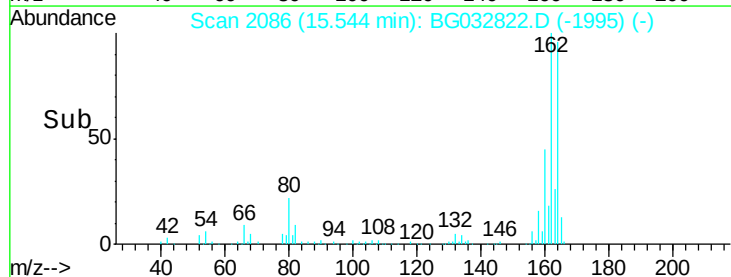
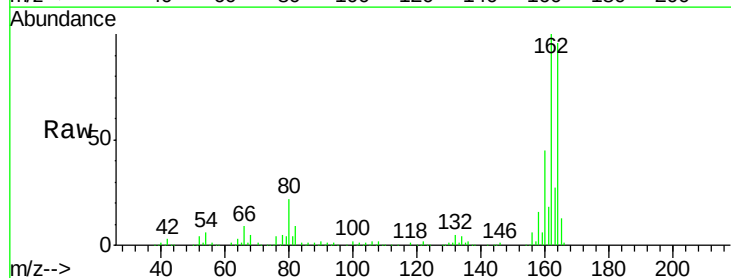
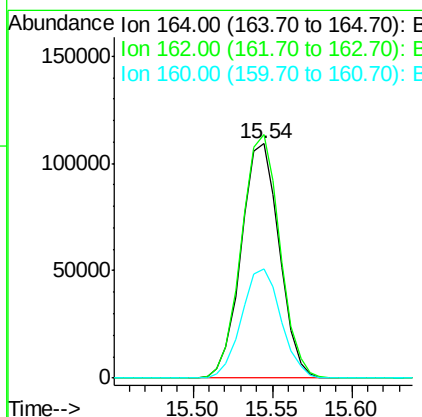
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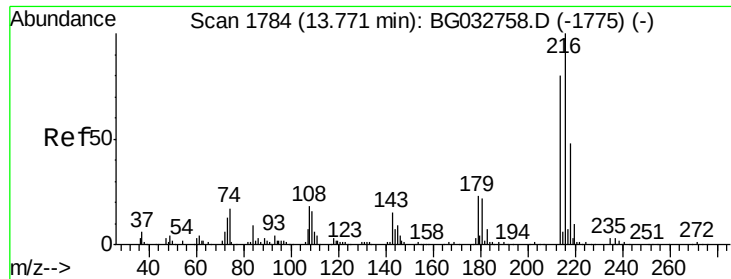
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	46.5	35.4	53.0





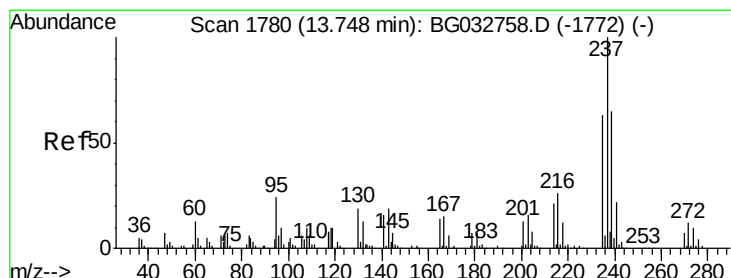
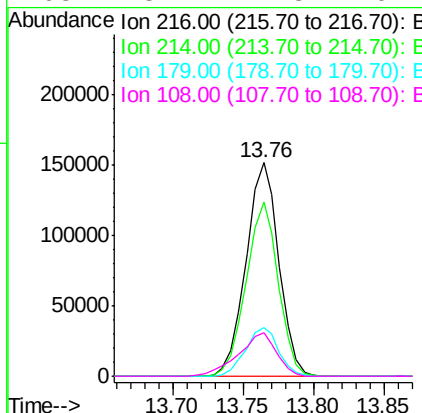
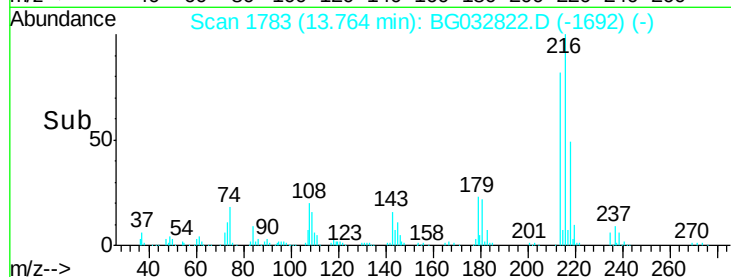
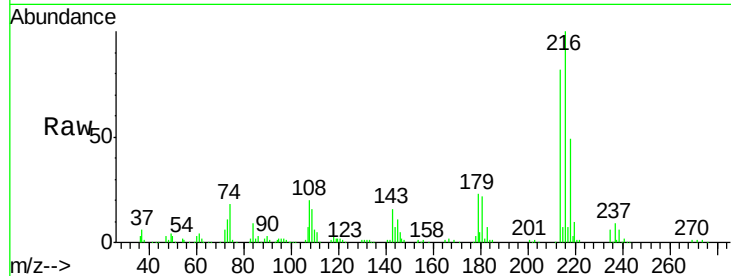
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.509 ng
 RT: 13.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampled :
 T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	246119		
214	79.9	63.0	94.4	
179	23.1	17.0	25.6	
108	23.4	12.8	19.2	

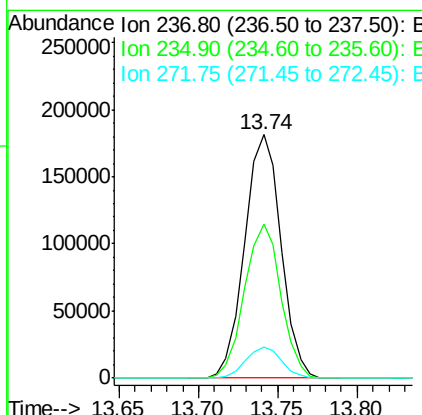
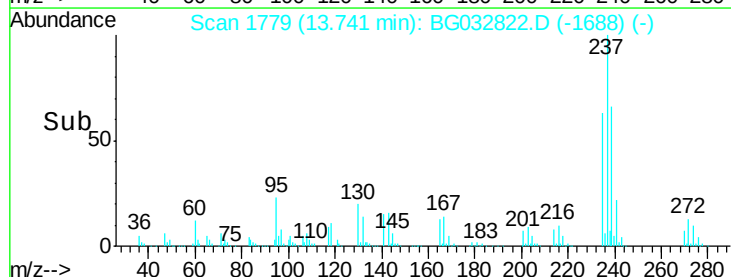
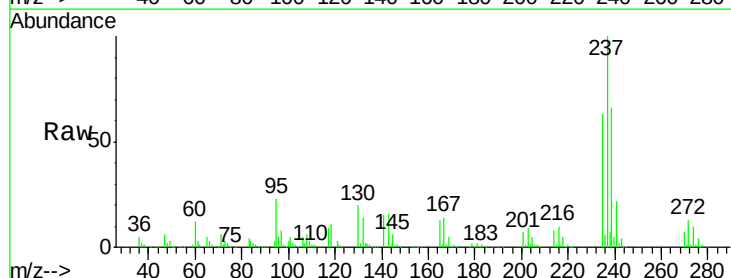
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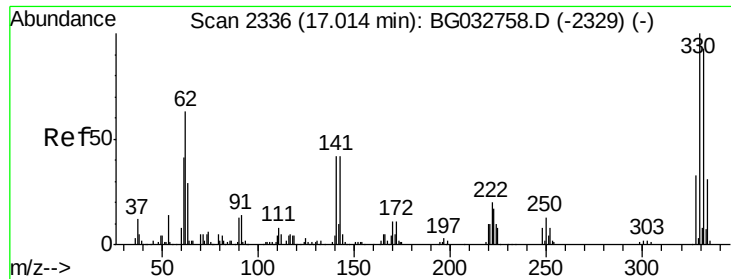
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#40
 Hexachlorocyclopentadiene
 Concen: 104.838 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	288955		
235	63.0	50.4	90.4	
272	12.8	0.0	31.8	





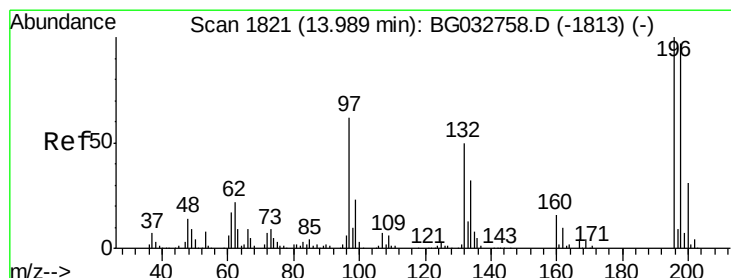
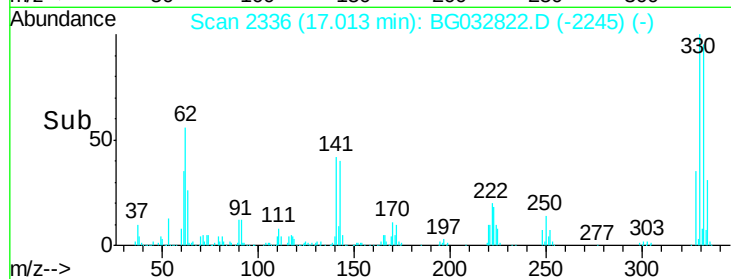
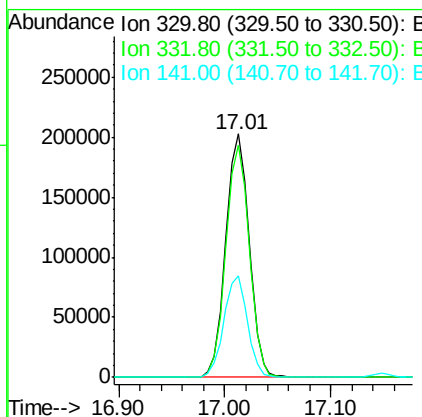
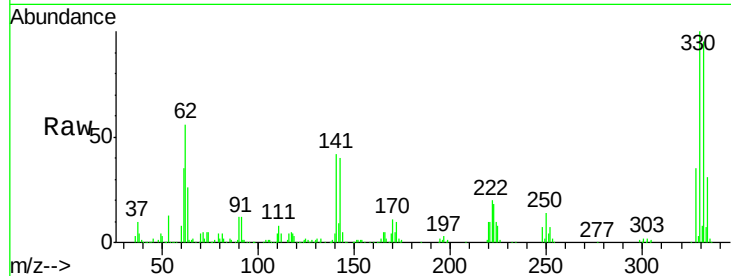
#41
 2,4,6-Tribromophenol
 Concen: 162.653 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.0	115.6	
141	42.0	25.2	37.8	

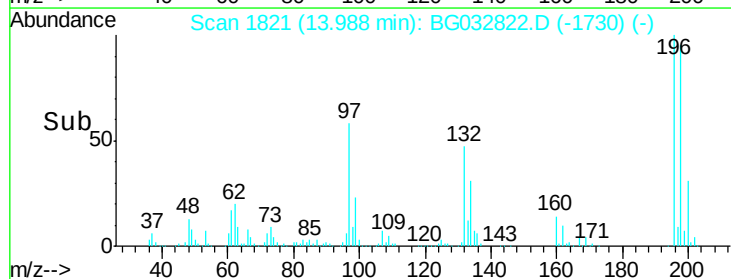
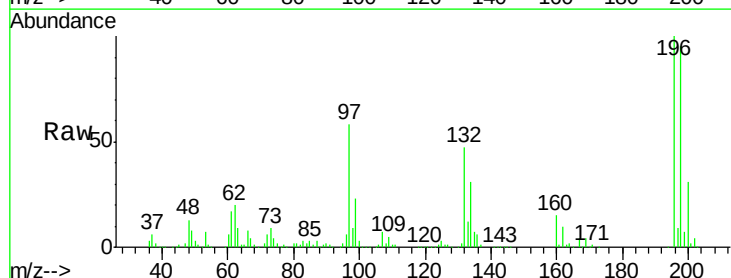
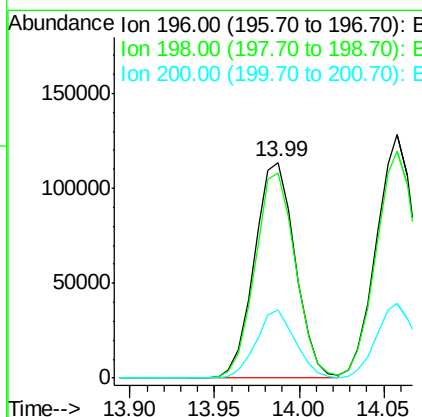
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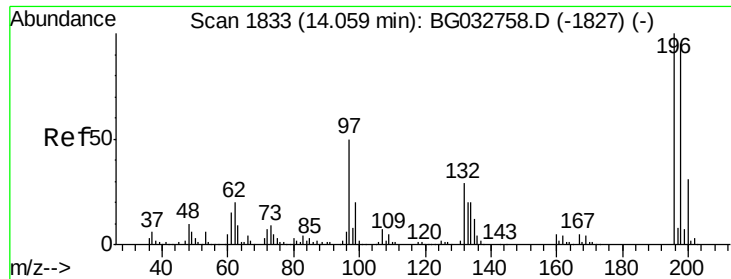
Sohil
 2/27/2018 10:23:09 AM



#42
 2,4,6-Trichlorophenol
 Concen: 55.736 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.8	78.2	117.2	
200	31.3	24.6	36.8	





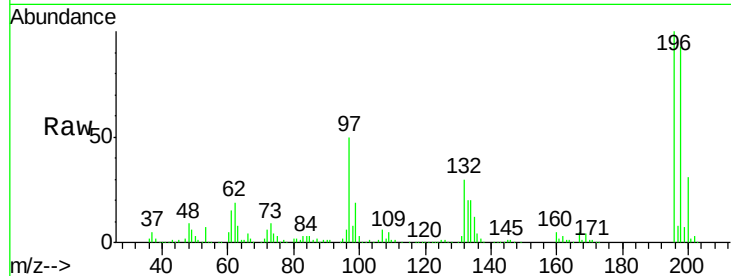
#43
 2,4,5-Trichlorophenol
 Concen: 53.057 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

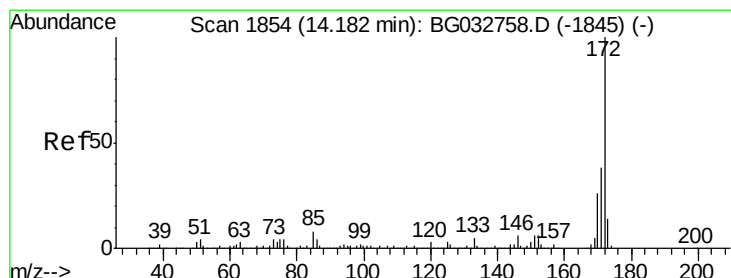
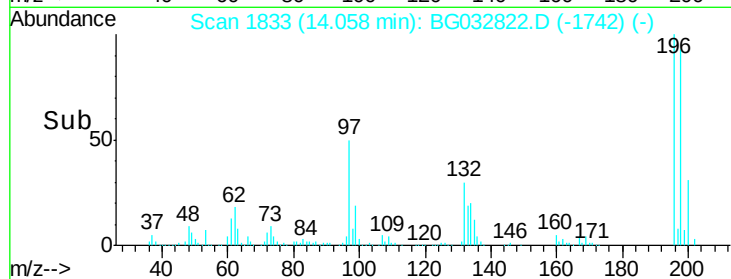
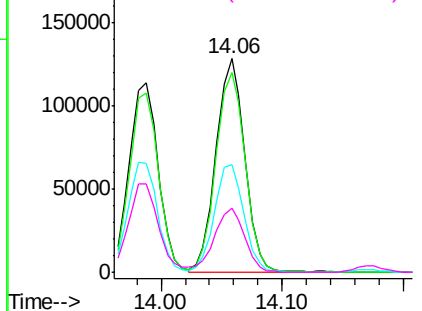
Tot Ion:	196	Resp:	209436
Ion Ratio	Lower	Upper	
196	100		
198	93.2	76.2	114.4
97	50.3	38.7	58.1
132	29.7	20.2	30.2

Manual Integrations
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Sohil
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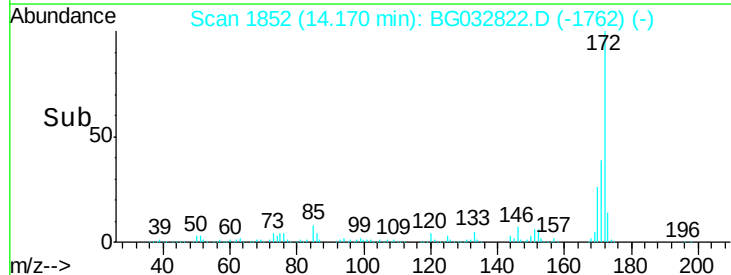
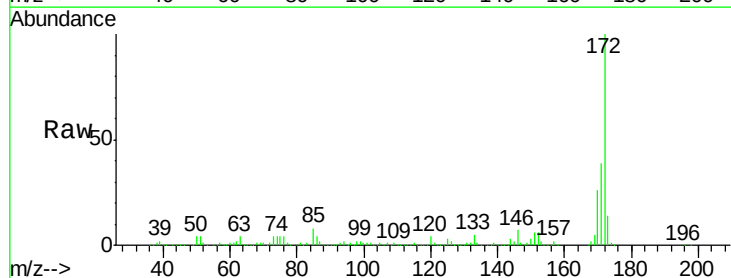
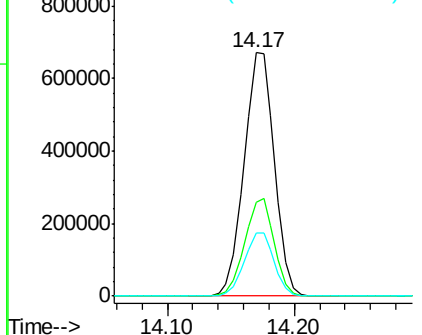
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

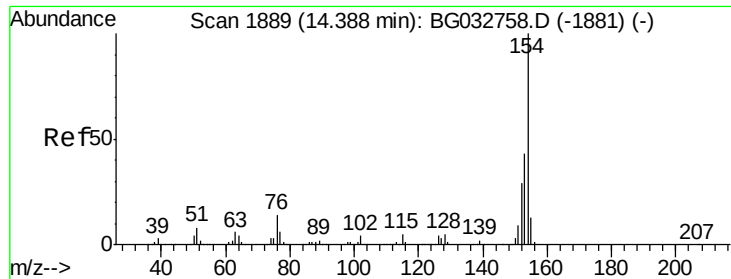


#44
 2-Fluorobiphenyl
 Concen: 87.898 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion:	172	Resp:	1110322
Ion Ratio	Lower	Upper	
172	100		
171	38.6	30.0	45.0
170	26.1	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





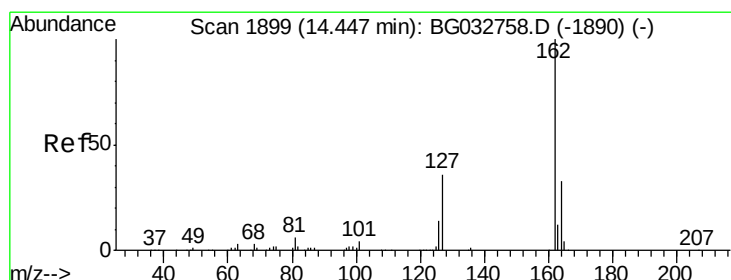
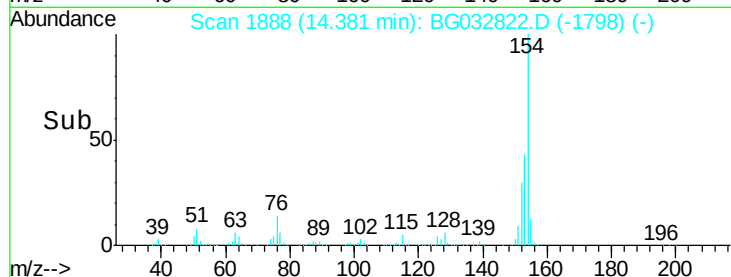
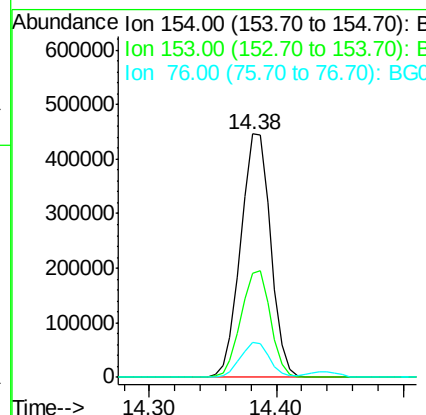
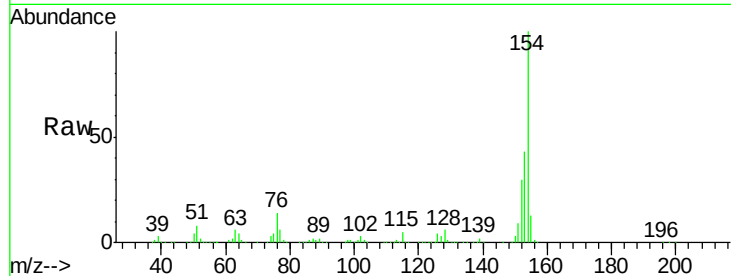
#45
 1,1'-Biphenyl
 Concen: 45.858 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion:	154	Resp:	730064
Ion Ratio	Lower	Upper	
154	100		
153	42.5	19.8	59.8
76	14.2	0.0	31.9

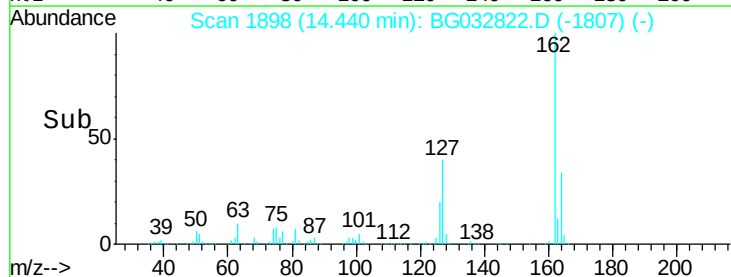
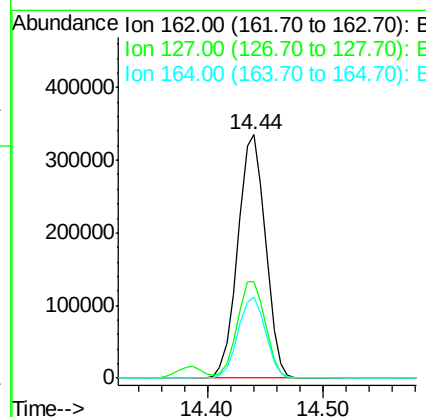
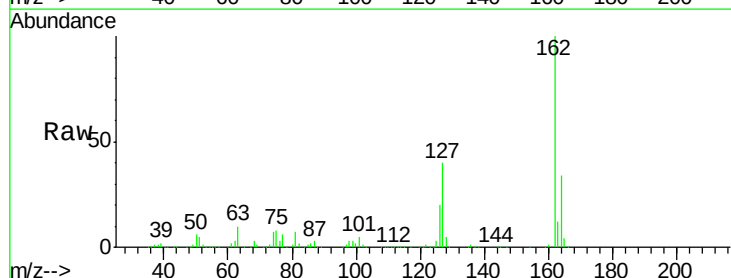
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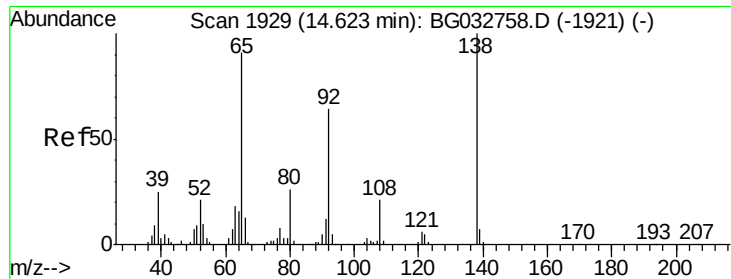
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#46
 2-Chloronaphthalene
 Concen: 46.667 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion:	162	Resp:	554977
Ion Ratio	Lower	Upper	
162	100		
127	39.8	30.7	46.1
164	33.5	26.0	39.0





#47

2-Nitroaniline

Concen: 60.133 ng

RT: 14.62 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

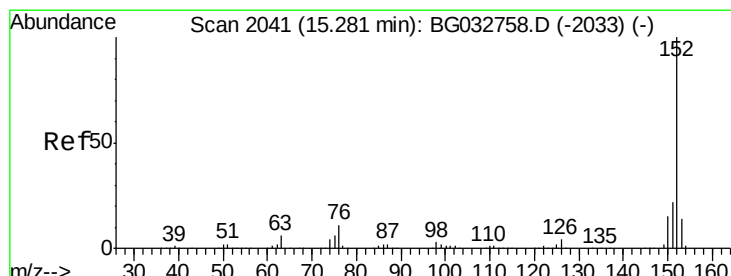
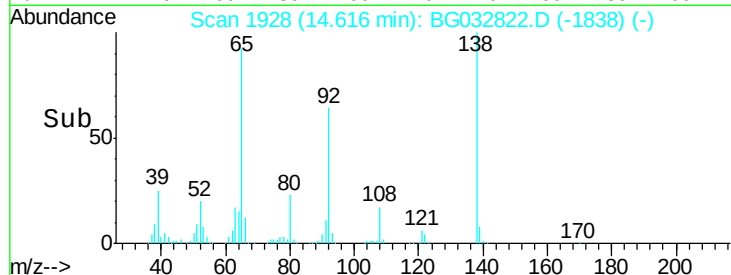
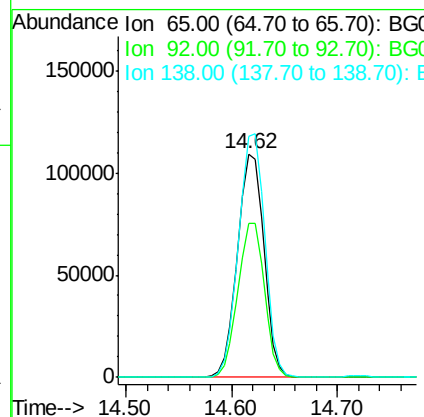
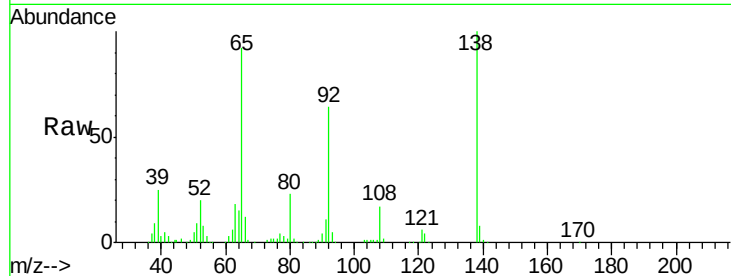
ClientSampleId :

T-3-ROADMS

Tot Ion:	65	Resp:	189724
Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.6	82.0
138	108.2	72.9	109.3

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#48

Acenaphthylene

Concen: 46.331 ng

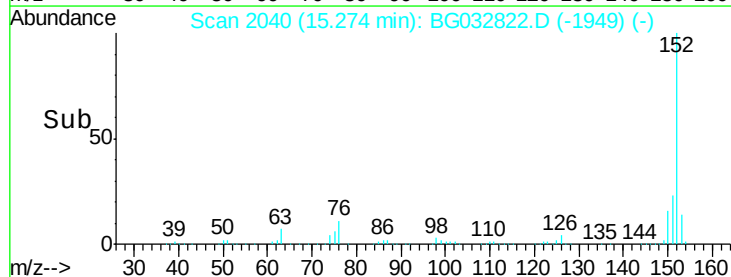
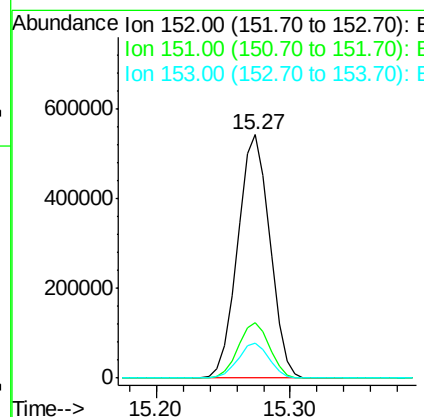
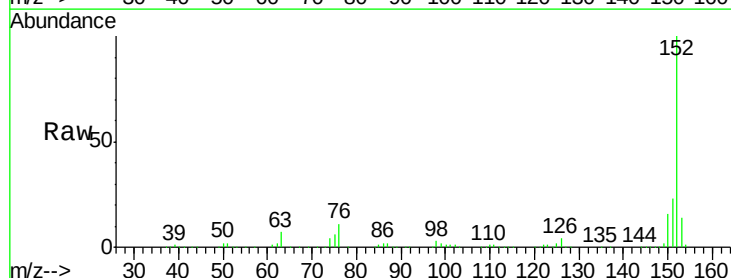
RT: 15.27 min Scan# 2040

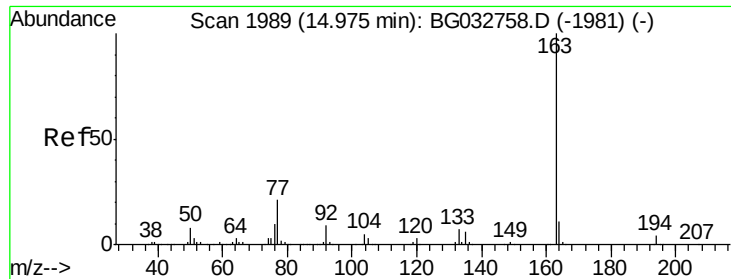
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:	152	Resp:	902075
Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.2	25.8
153	14.1	10.2	15.4





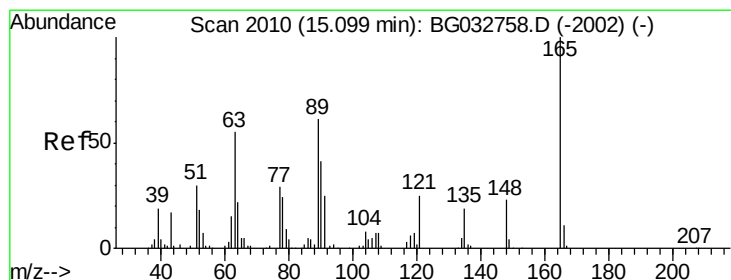
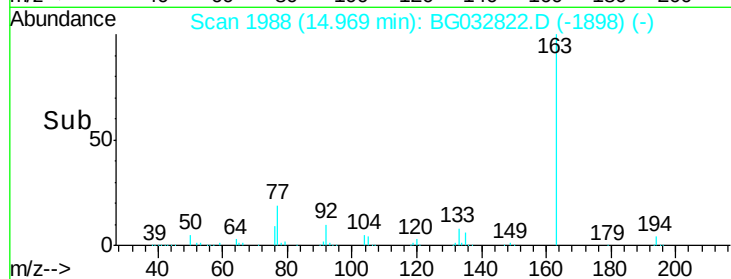
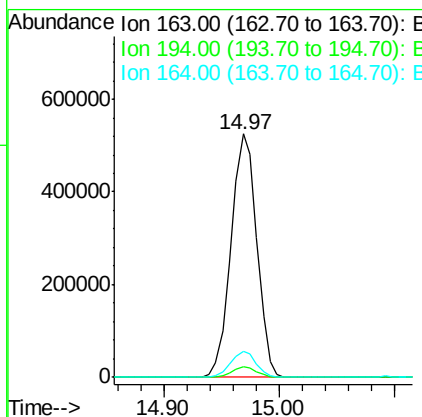
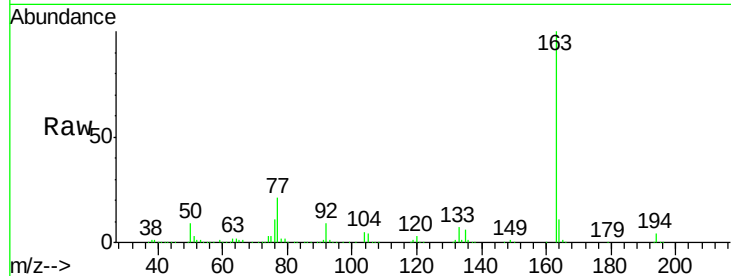
#49
Dimethylphthalate
Concen: 52.249 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	808253		
194	4.1		3.4	5.2
164	10.9		8.2	12.4

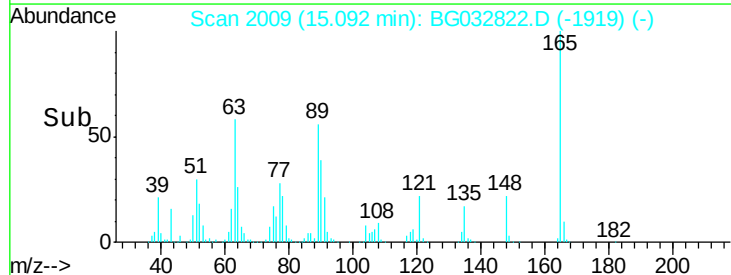
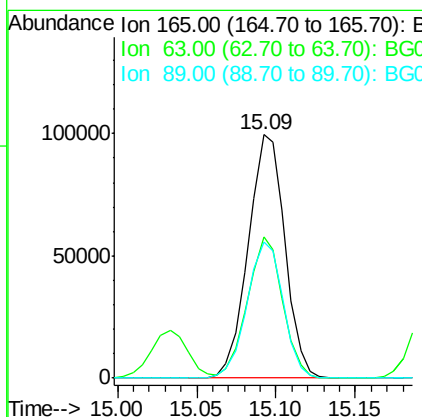
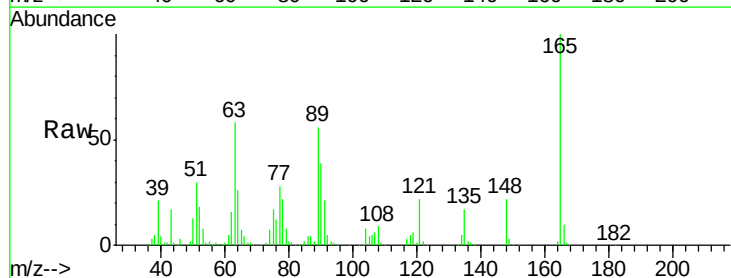
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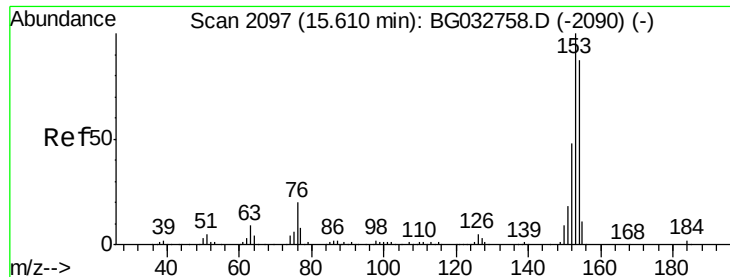
Sohil
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#50
2,6-Dinitrotoluene
Concen: 59.810 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160018		
63	58.2		52.7	79.1
89	55.6		49.2	73.8





#51

Acenaphthene

Concen: 49.213 ng

RT: 15.61 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

ClientSampleId :

T-3-ROADMS

Tot Ion:154 Resp: 596738

Ion Ratio Lower Upper

154 100

153 110.1 90.4 135.6

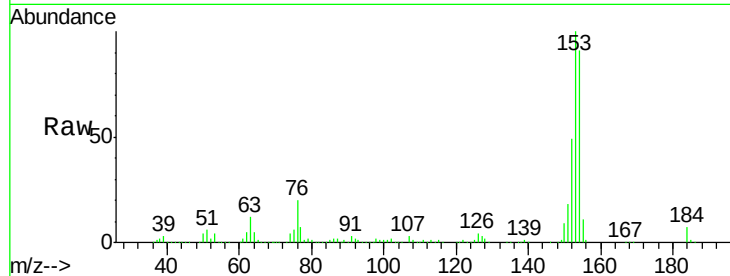
152 54.2 41.6 62.4

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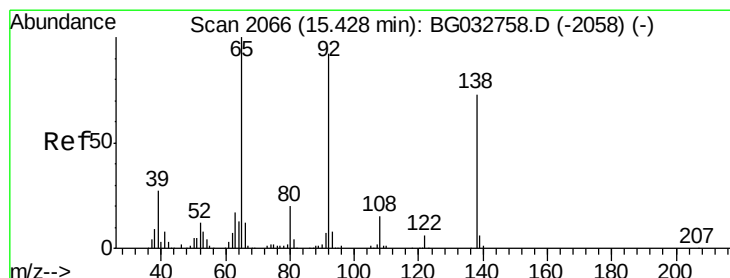
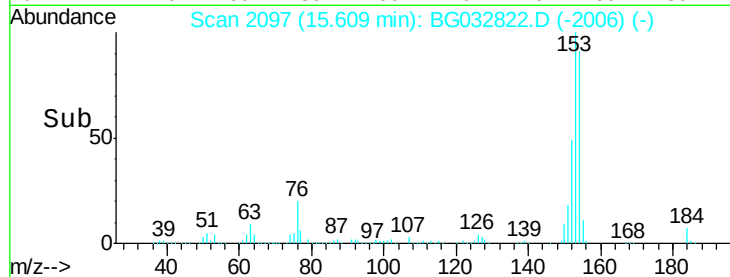
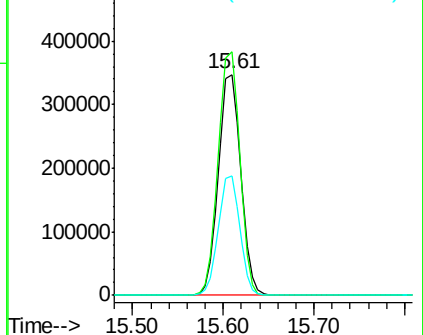
2/27/2018 10:23:09 AM



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: 48.094 ng

RT: 15.43 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

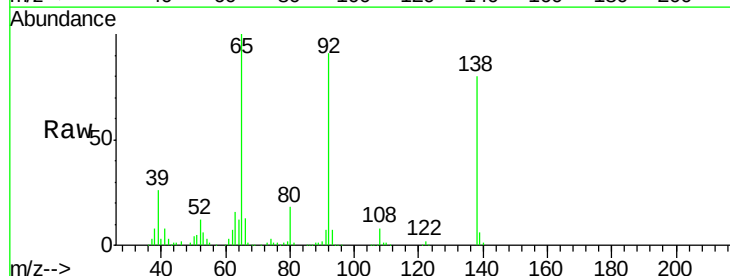
Tgt Ion:138 Resp: 152396

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

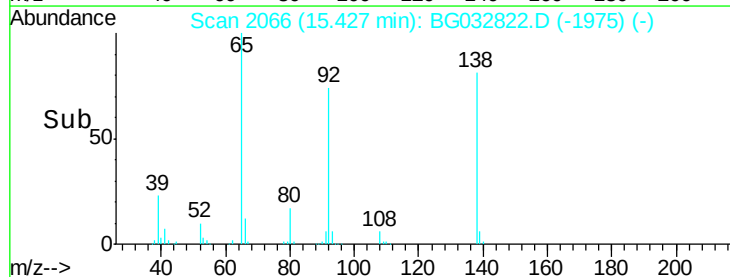
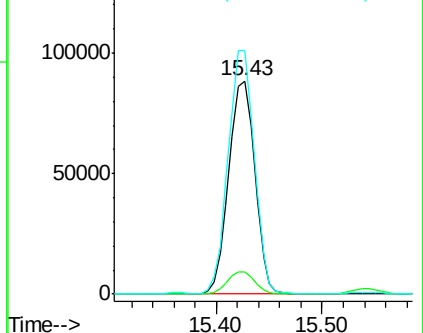
92 114.0 105.8 158.8

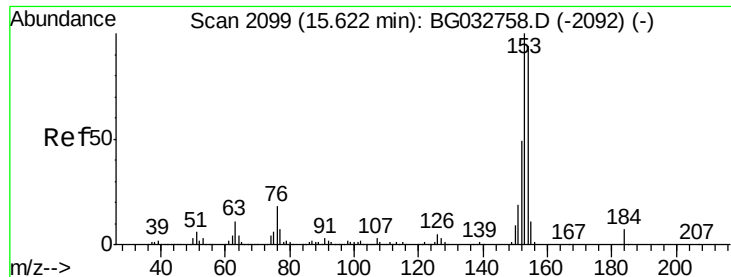


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





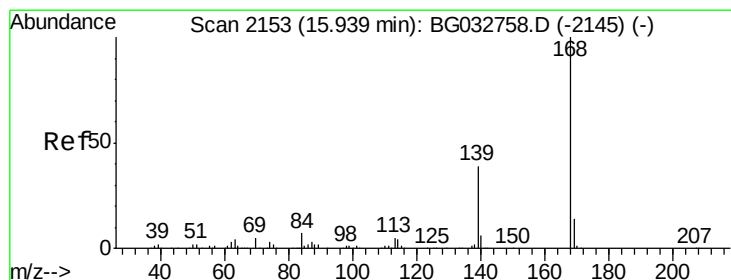
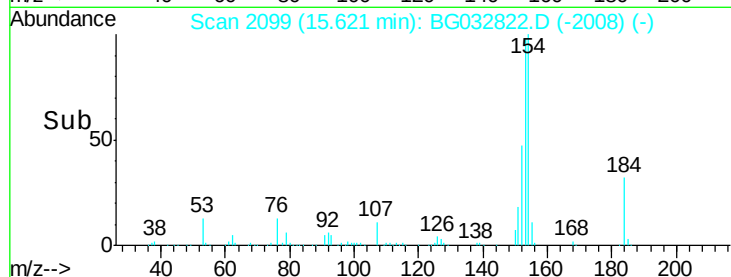
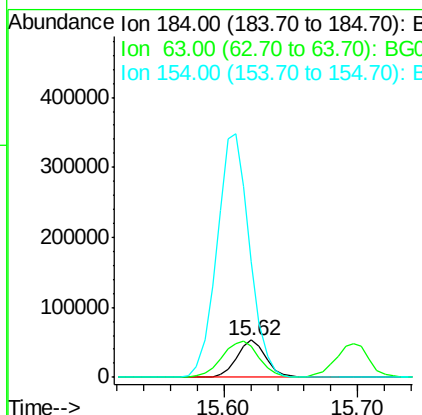
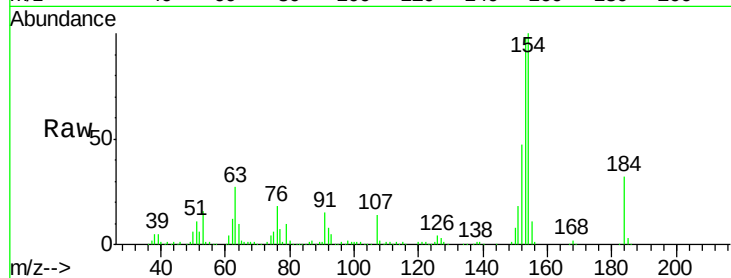
#53
 2,4-Dinitrophenol
 Concen: 92.709 ng
 RT: 15.62 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	85.6	59.8	89.8
154	314.0	101.8	152.8#

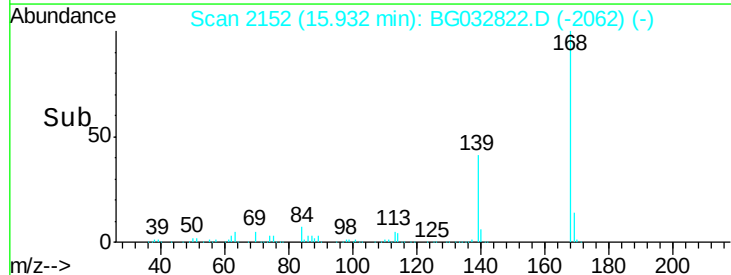
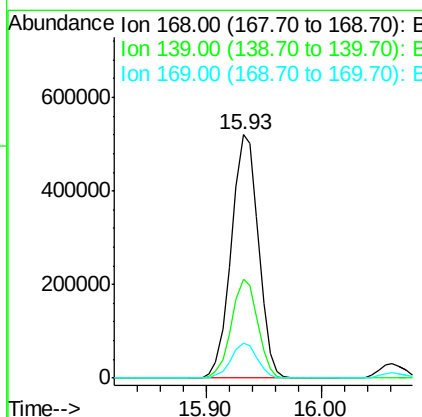
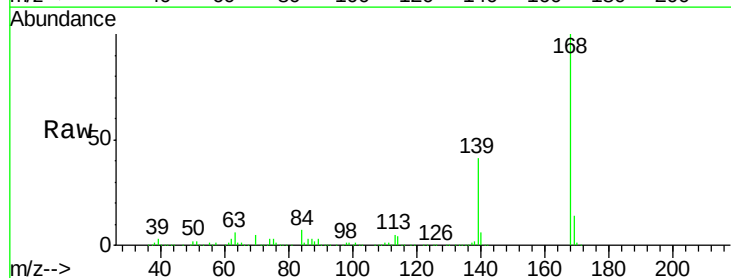
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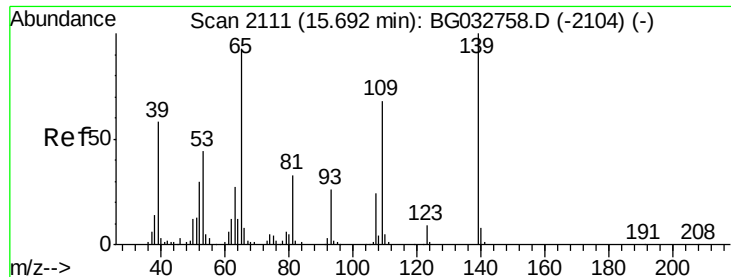
Sohil
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#54
 Dibenzofuran
 Concen: 48.797 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	28.6	43.0
169	14.4	11.2	16.8





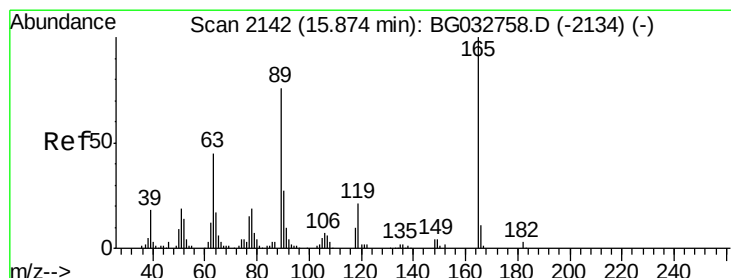
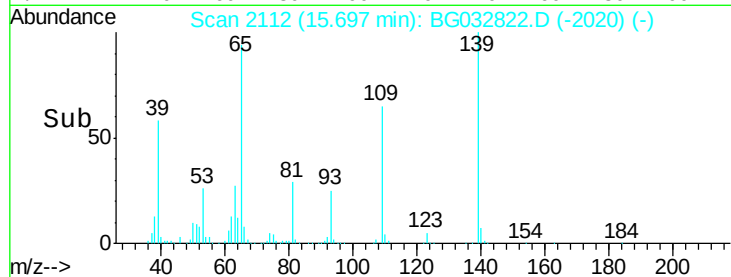
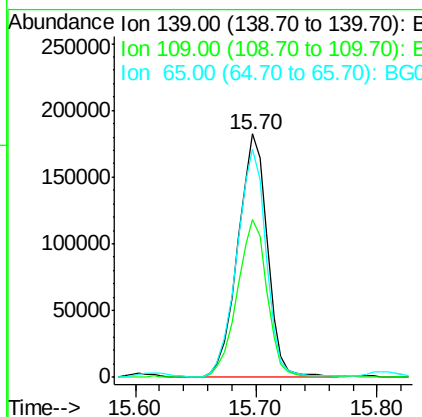
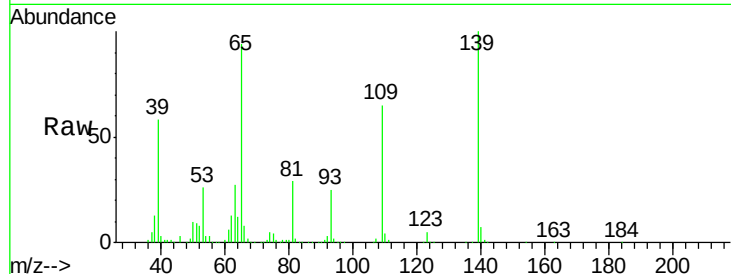
#55
4-Nitrophenol
Concen: 119.228 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.1	62.2	102.2	
65	93.9	97.2	137.2#	

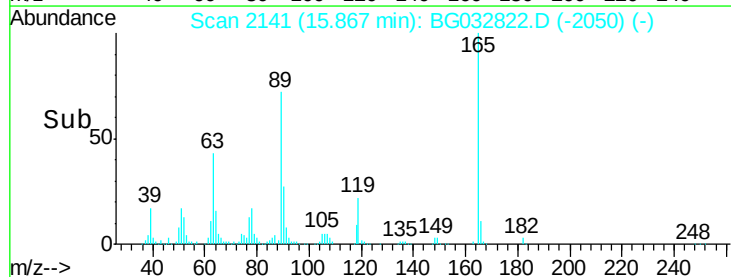
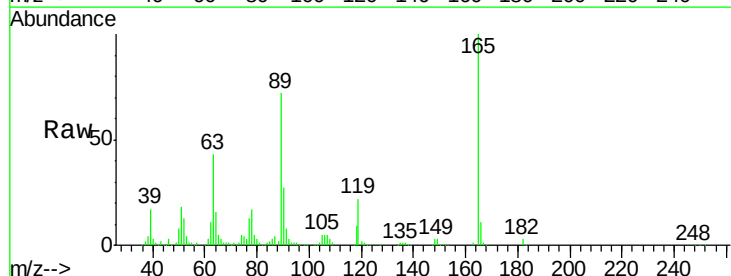
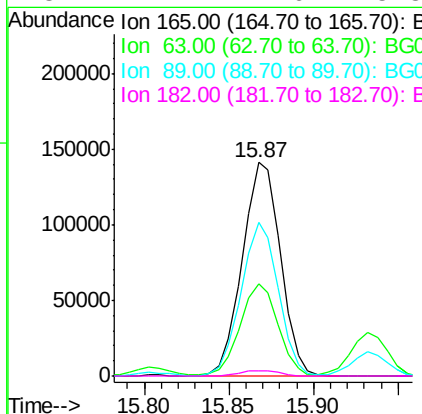
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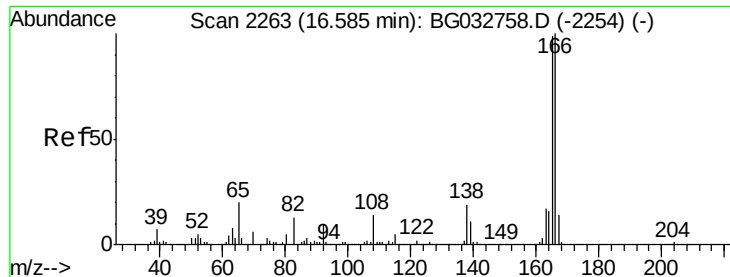
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#56
2,4-Dinitrotoluene
Concen: 66.893 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.4	42.0	63.0	
89	72.0	66.9	100.3	
182	2.7	2.6	3.8	





#57

Fluorene

Concen: 48.127 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

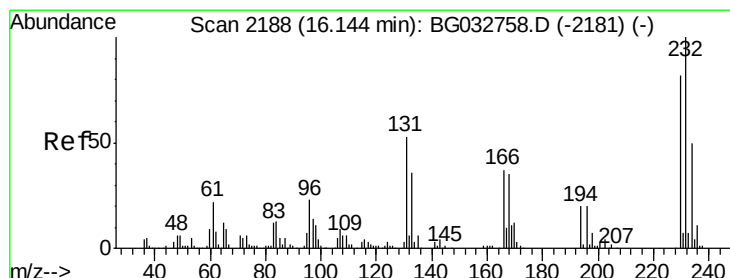
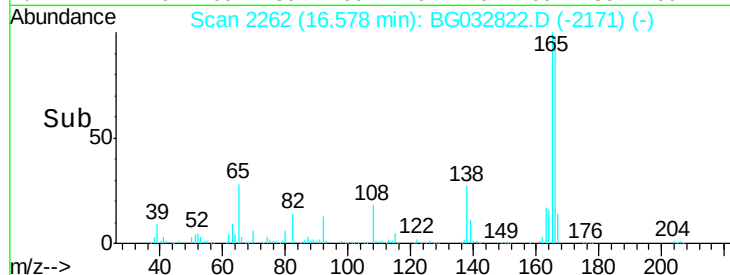
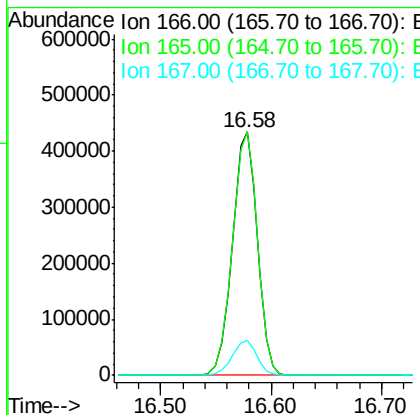
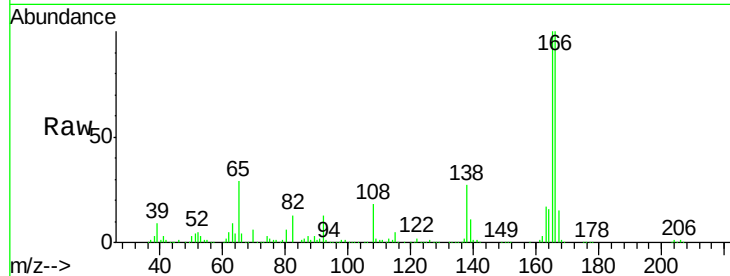
ClientSampleId :

T-3-ROADMS

Tot Ion:	166	Resp:	685824
Ion Ratio		Lower	Upper
166	100		
165	99.9	80.6	121.0
167	14.5	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 60.402 ng m

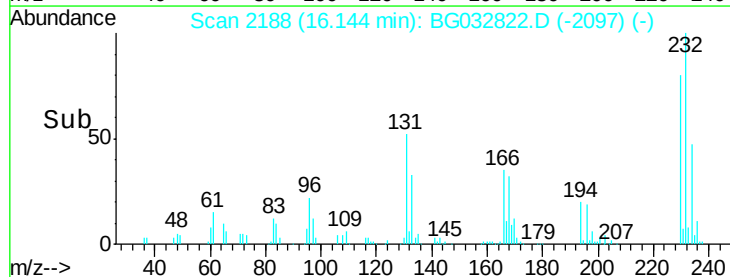
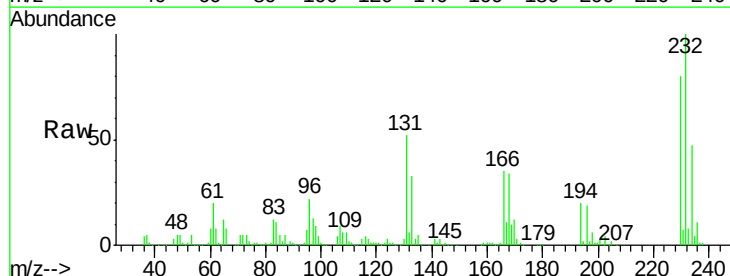
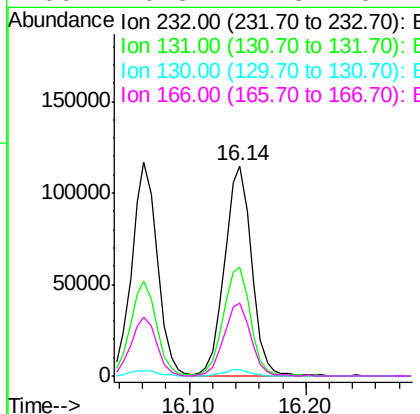
RT: 16.14 min Scan# 2188

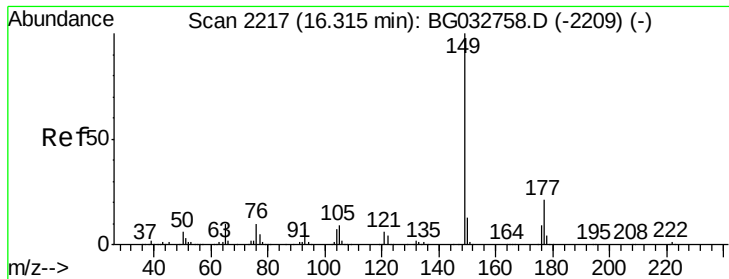
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:	232	Resp:	185115
Ion Ratio		Lower	Upper
232	100		
131	43.2	33.5	50.3
130	2.8	2.2	3.2
166	26.8	24.8	37.2





#59

Diethylphthalate

Concen: 47.634 ng

RT: 16.31 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

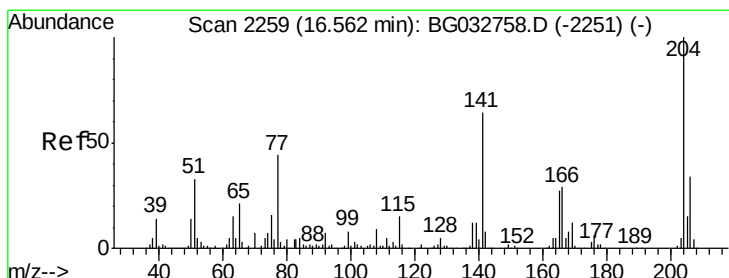
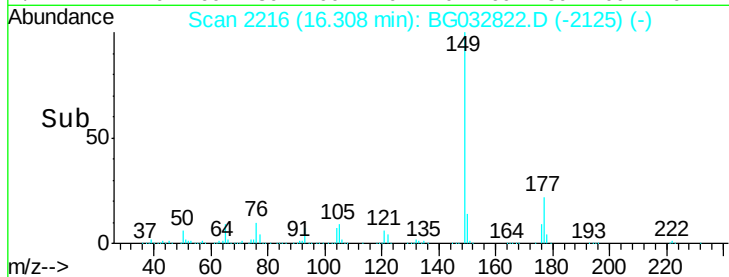
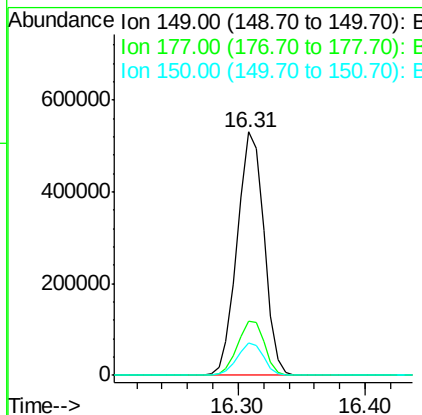
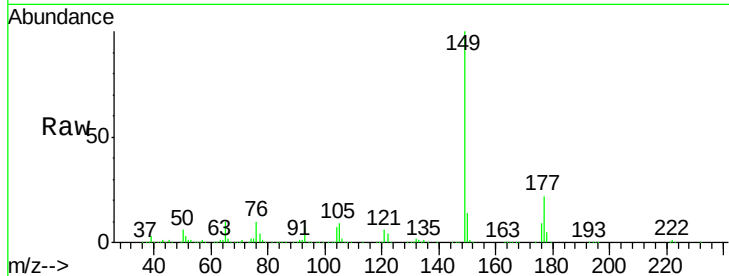
ClientSampleId :

T-3-ROADMS

Tot Ion:	149	Resp:	777183
Ion Ratio	Lower	Upper	
149	100		
177	22.3	18.5	27.7
150	13.5	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 48.218 ng

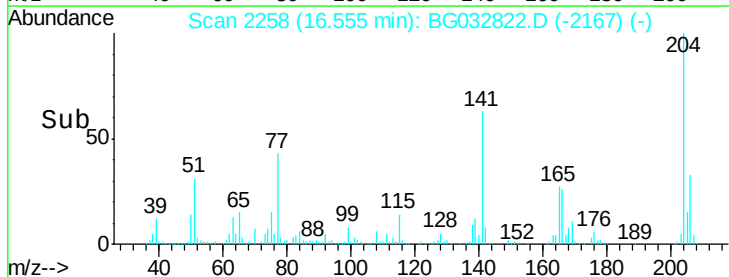
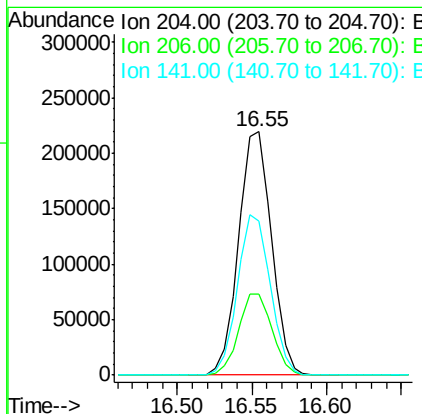
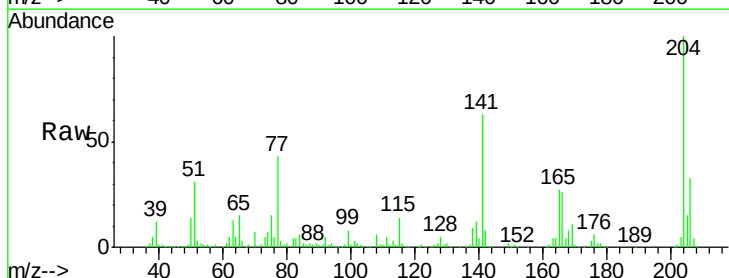
RT: 16.55 min Scan# 2258

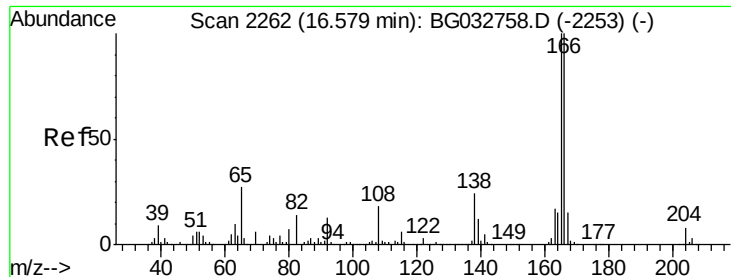
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:	204	Resp:	336137
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.2	39.2
141	63.1	45.8	68.6





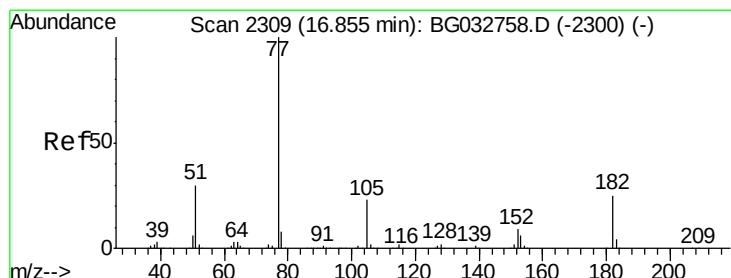
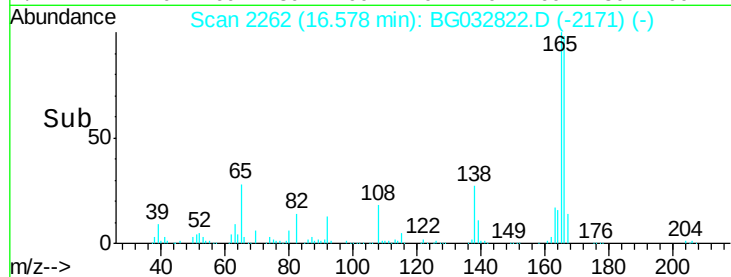
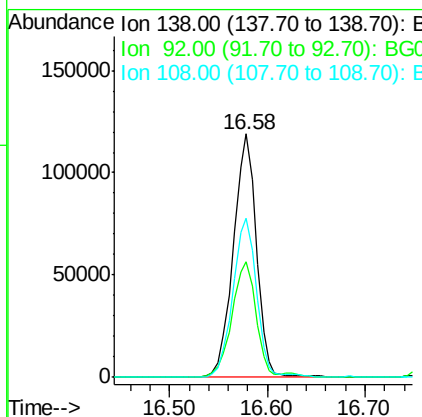
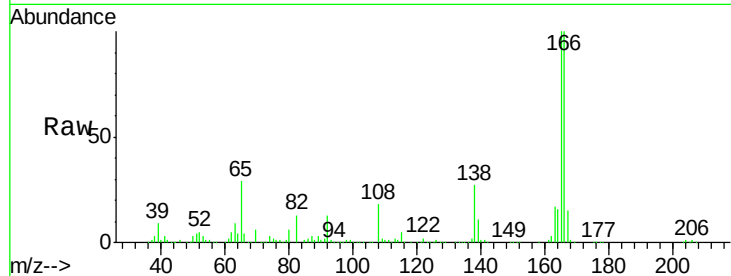
#61
4-Nitroaniline
Concen: 57.336 ng
RT: 16.58 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	40.1	80.1
108	65.5	65.4	105.4

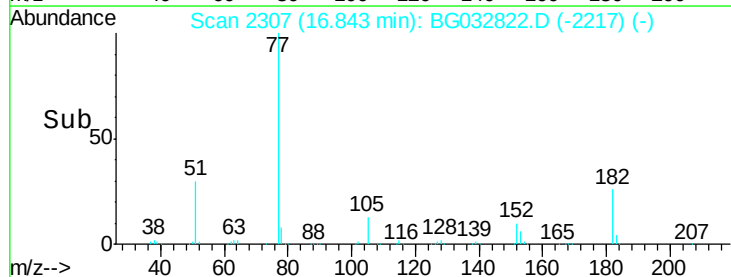
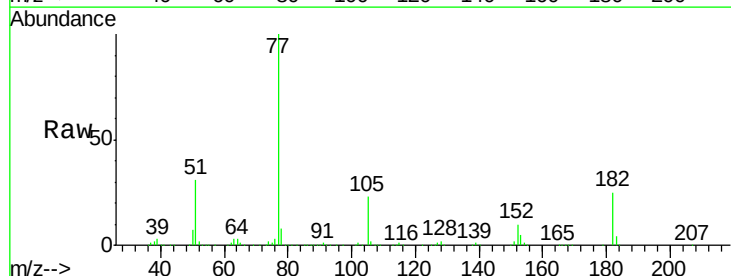
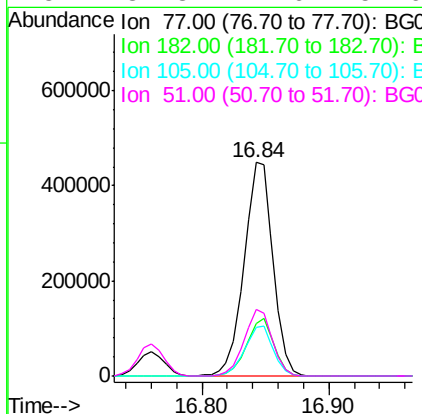
Manual Integrations
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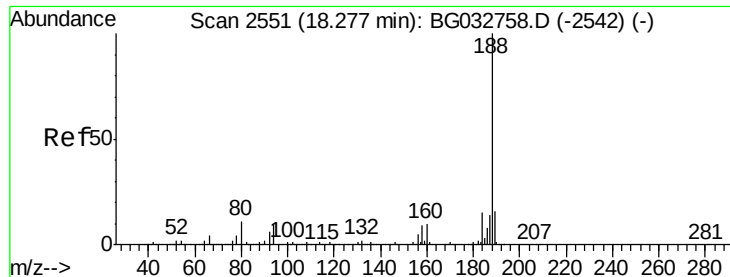
Sohil
2/27/2018 10:23:09 AM



#62
Azobenzene
Concen: 48.493 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	7.4	47.4
105	22.6	0.3	40.3
51	31.3	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

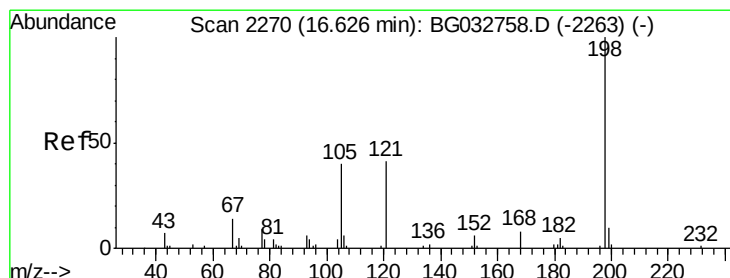
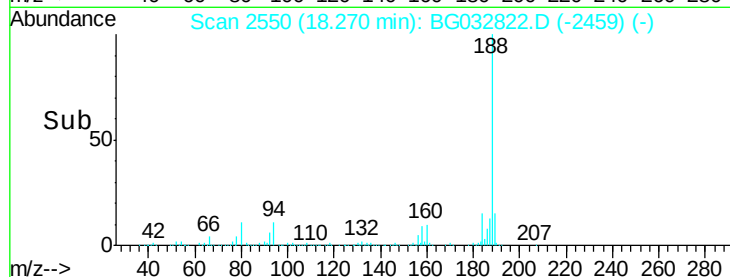
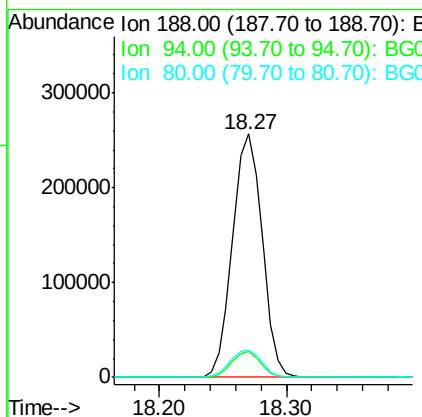
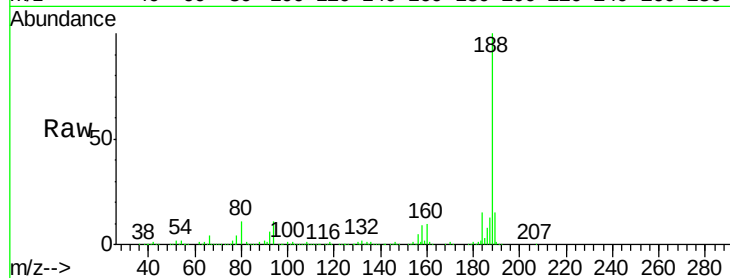
ClientSampleId :

T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	414483		
94	10.5	6.9	10.3	
80	11.3	7.7	11.5	

Manual Integrations
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Sohil
2/27/2018 10:23:09 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 66.239 ng

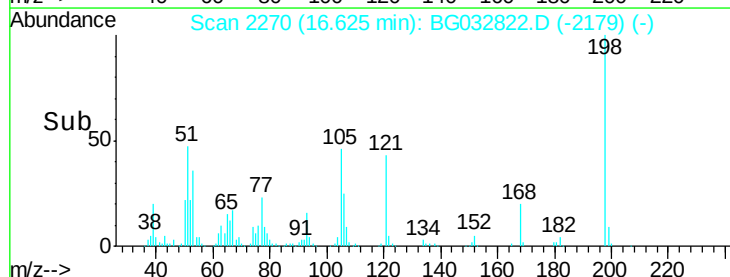
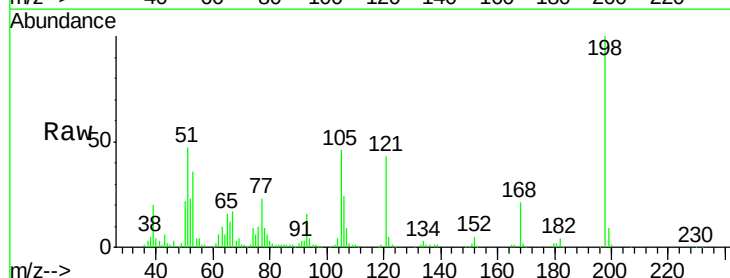
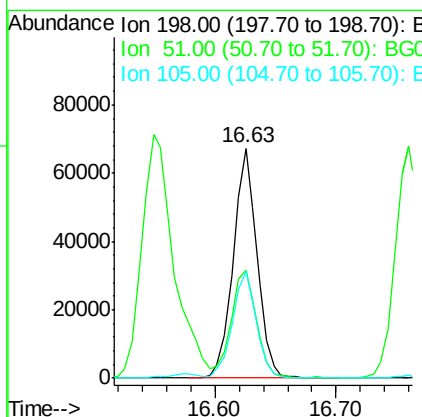
RT: 16.63 min Scan# 2270

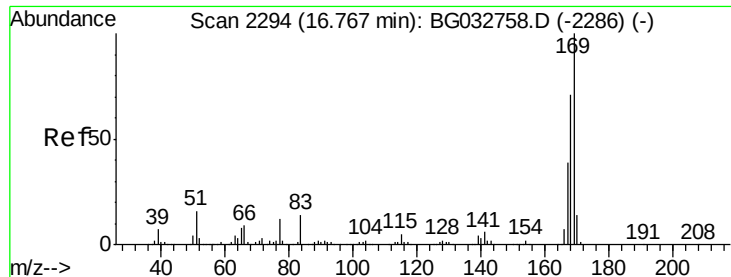
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	92164		
51	46.8	30.6	70.6	
105	46.2	23.8	63.8	





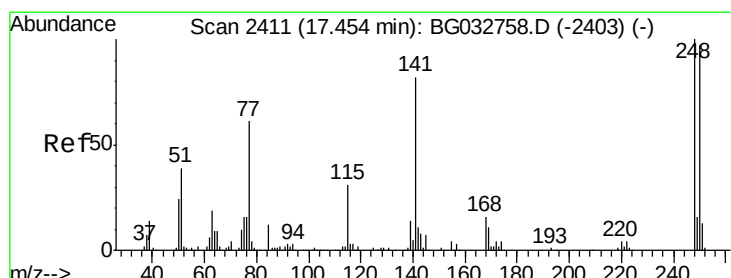
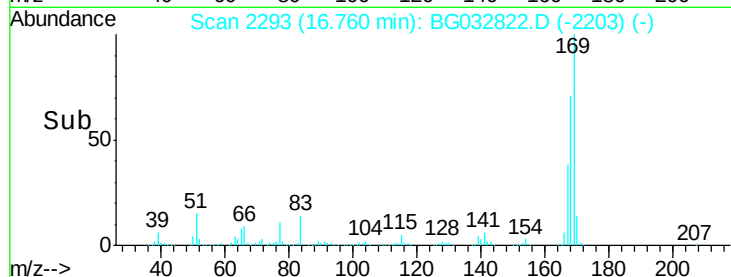
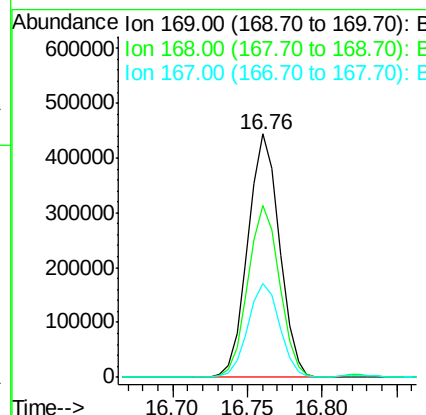
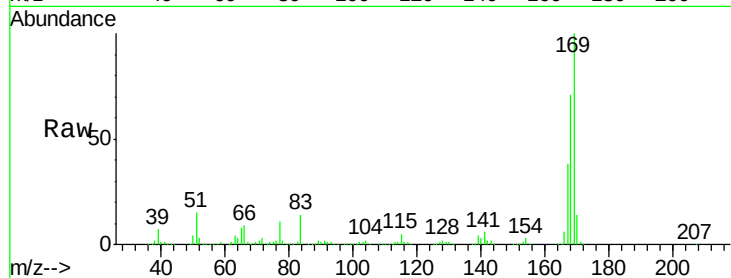
#65
 n-Nitrosodiphenylamine
 Concen: 48.151 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.7	83.5
167	38.5	30.1	45.1

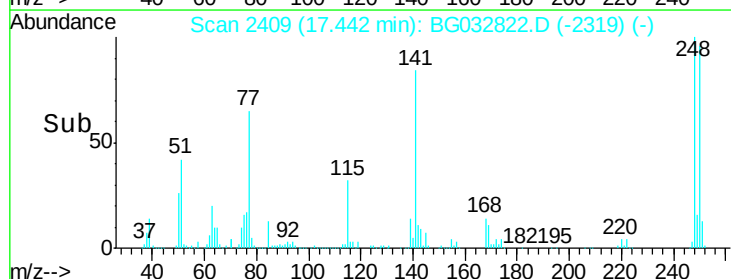
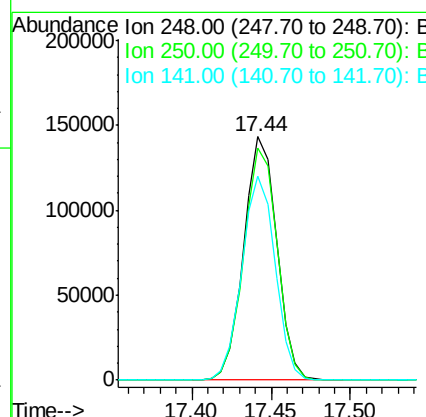
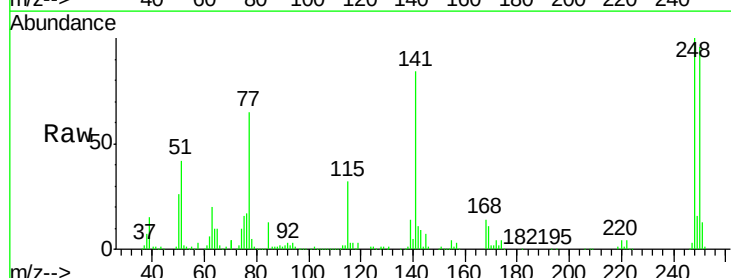
Manual Integrations
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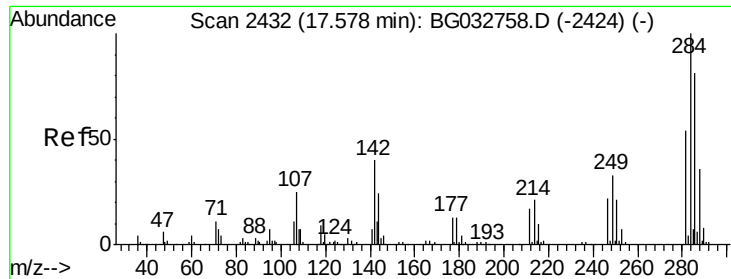
Sohil
 2/27/2018 10:23:09 AM



#66
 4-Bromophenyl-phenylether
 Concen: 47.358 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.1	115.7
141	83.7	50.8	76.2





#67

Hexachlorobenzene

Concen: 45.788 ng

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

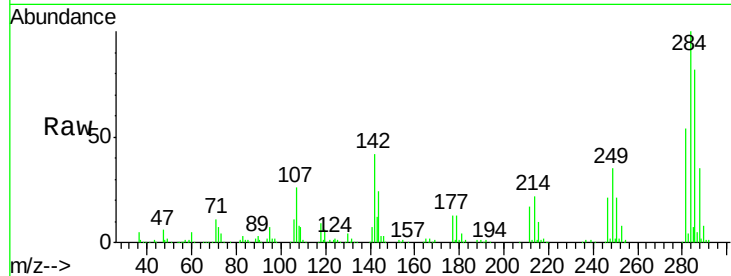
ClientSampleId :

T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	216860		
142	41.8	26.8	40.2#	
249	34.7	26.3	39.5	

Manual Integrations
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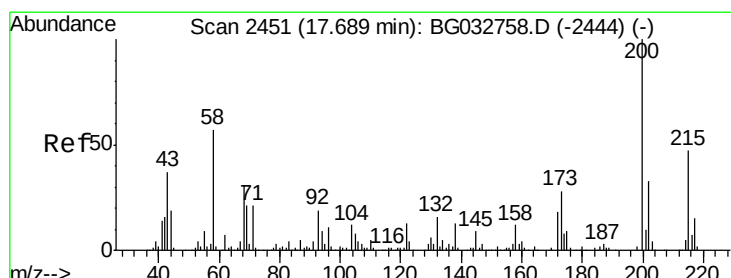
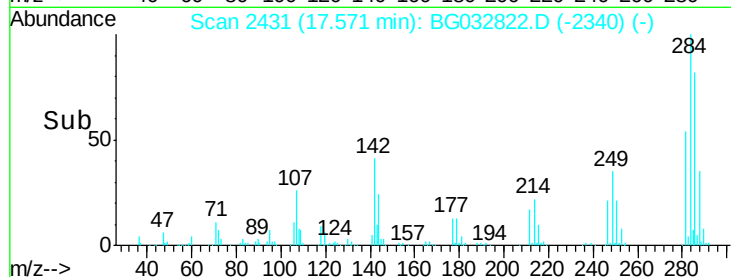
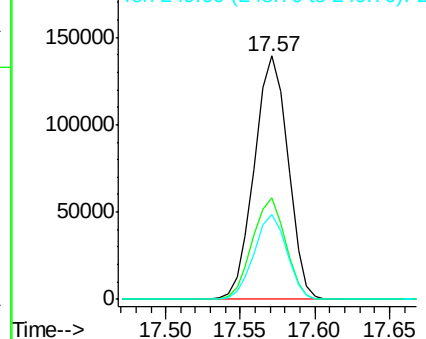
Sohil
2/27/2018 10:23:09 AM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.031 ng

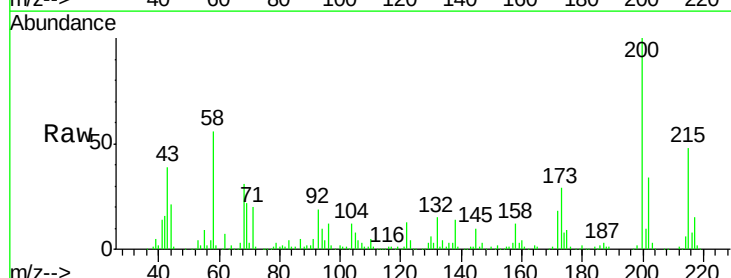
RT: 17.68 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

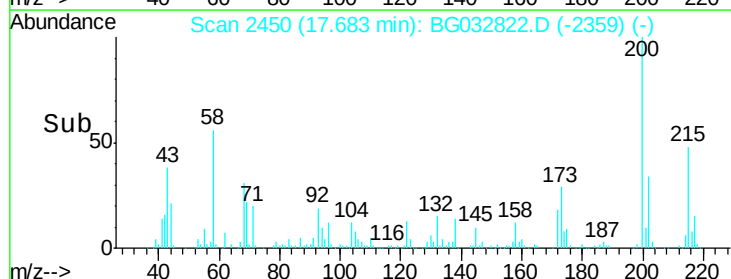
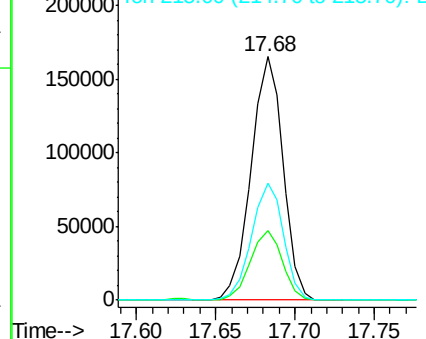
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	230931		
173	28.8	5.2	45.2	
215	48.2	30.4	70.4	

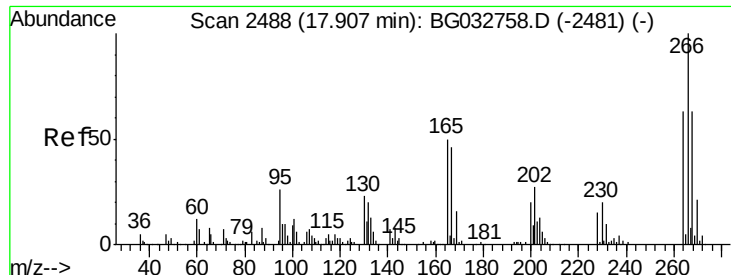


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





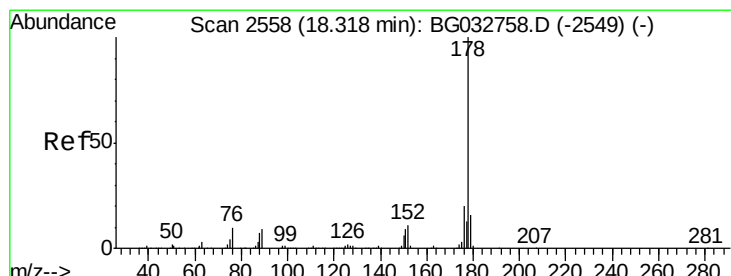
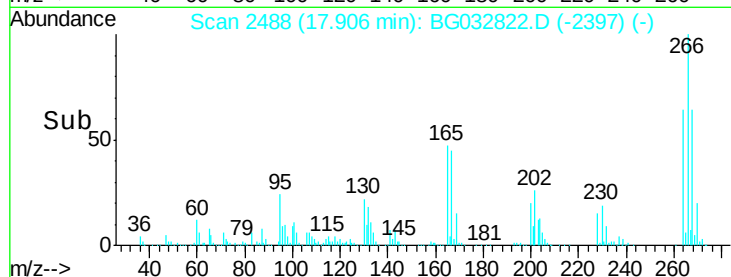
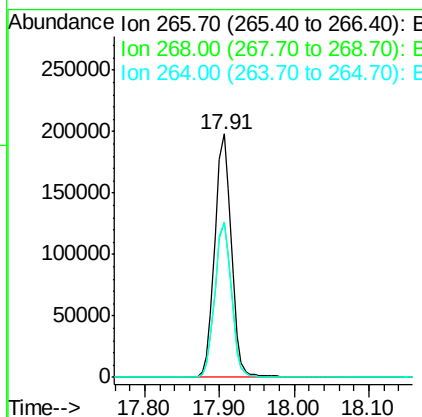
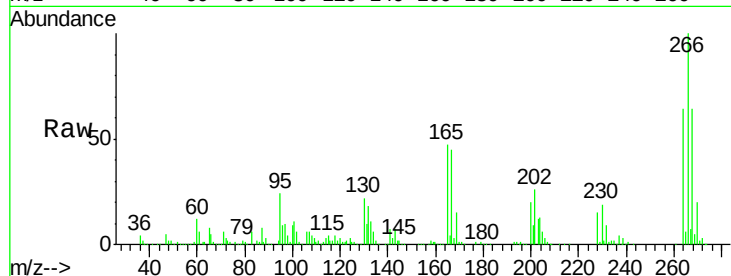
#69
 Pentachlorophenol
 Concen: 102.578 ng
 RT: 17.91 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampled :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.8	49.6	74.4

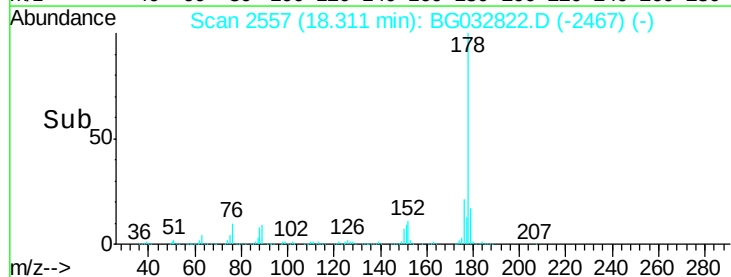
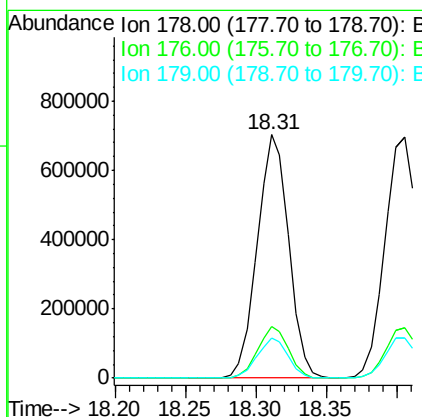
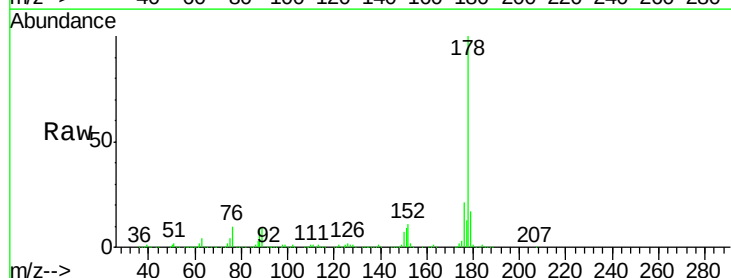
Manual Integrations
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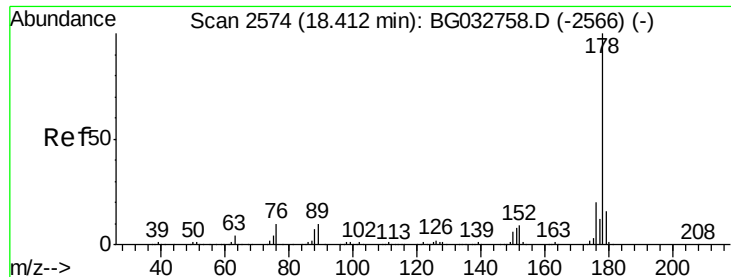
Sohil
 2/27/2018 10:23:09 AM



#70
 Phenanthrene
 Concen: 47.707 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	16.5	12.5	18.7





#71

Anthracene

Concen: 48.770 ng

RT: 18.41 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

ClientSampleId :

T-3-ROADMS

Tot Ion:178 Resp: 1132212

Ion Ratio Lower Upper

178 100

176 21.1 16.0 24.0

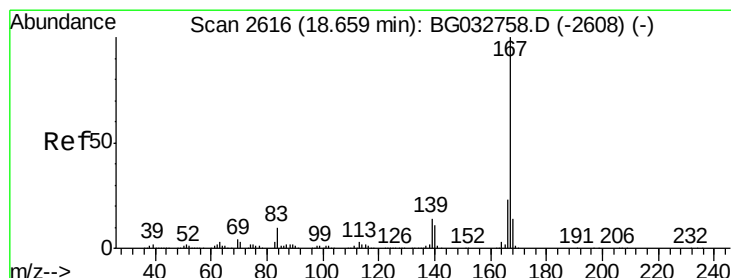
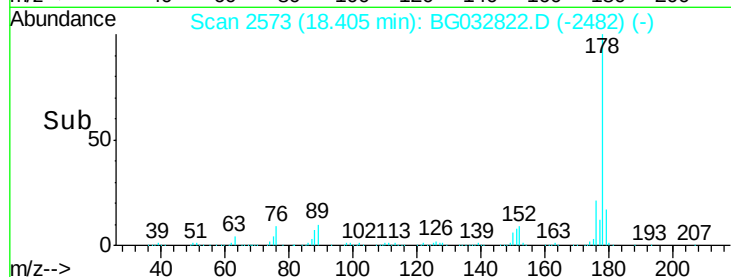
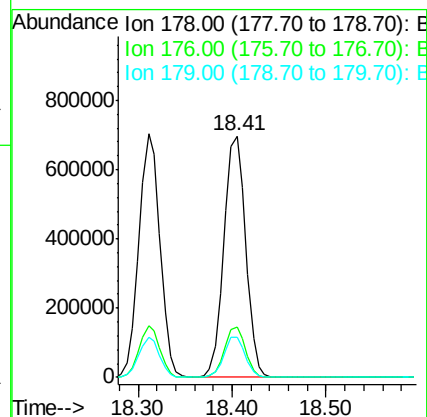
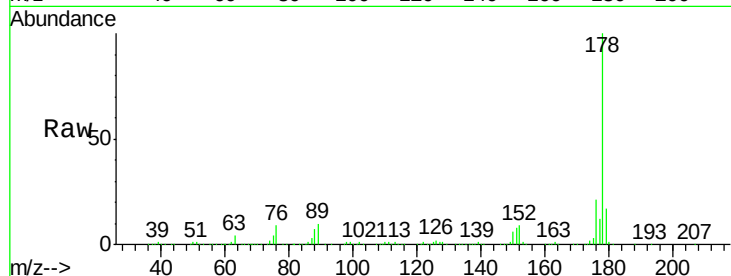
179 16.7 12.5 18.7

Manual Integrations

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Sohil

2/27/2018 10:23:09 AM



#72

Carbazole

Concen: 47.898 ng

RT: 18.65 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

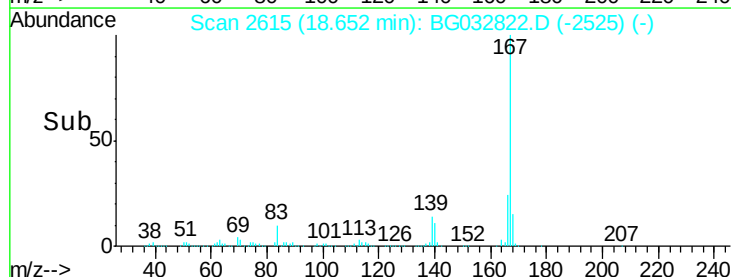
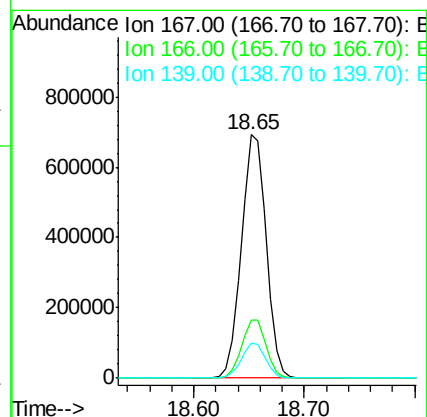
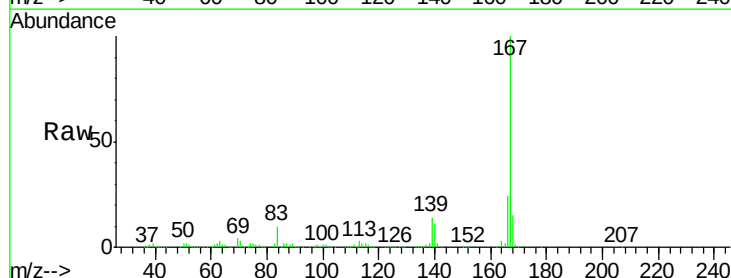
Tgt Ion:167 Resp: 1096023

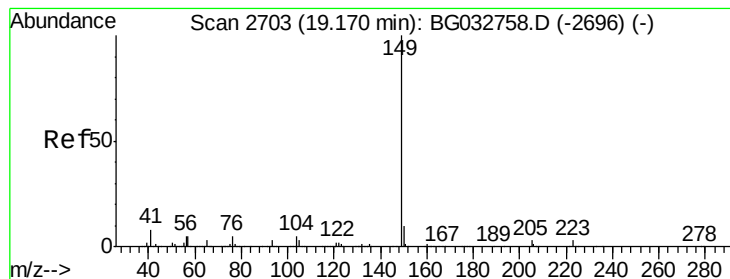
Ion Ratio Lower Upper

167 100

166 24.0 18.2 27.4

139 14.2 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 47.453 ng

RT: 19.16 min Scan# 2702

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

ClientSampleId :

T-3-ROADMS

Tot Ion:149 Resp: 1332102

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.6

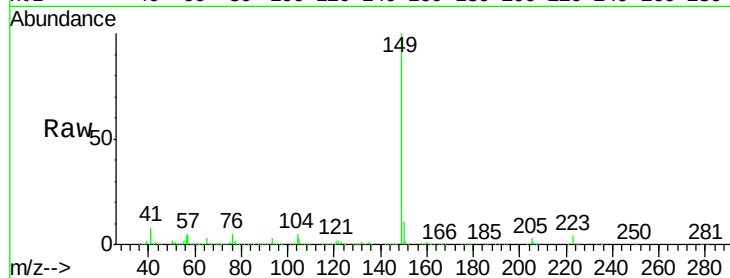
104 5.0 3.9 5.9

Manual Integrations

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Sohil

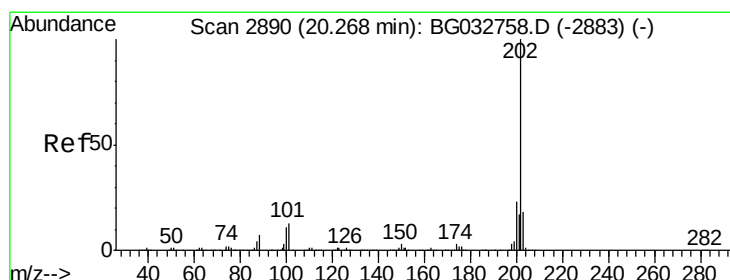
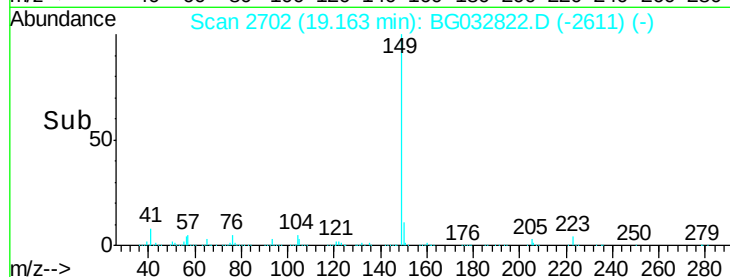
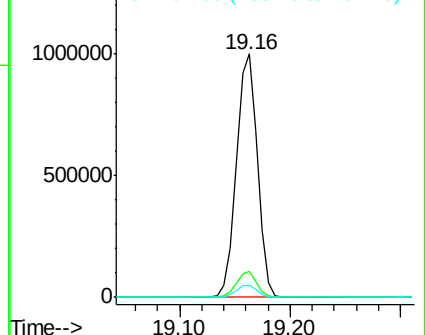
2/27/2018 10:23:09 AM



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: 48.408 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

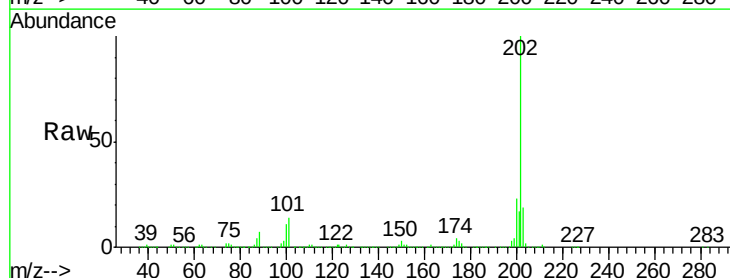
Tgt Ion:202 Resp: 1236512

Ion Ratio Lower Upper

202 100

101 14.0 0.0 28.9

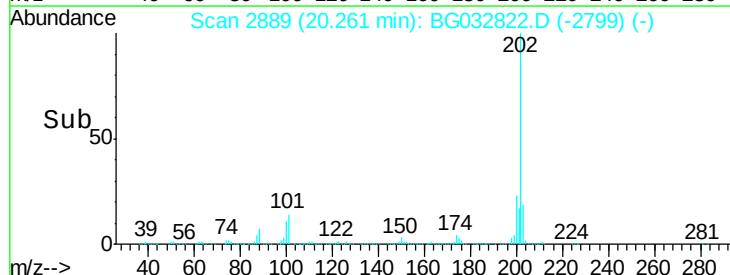
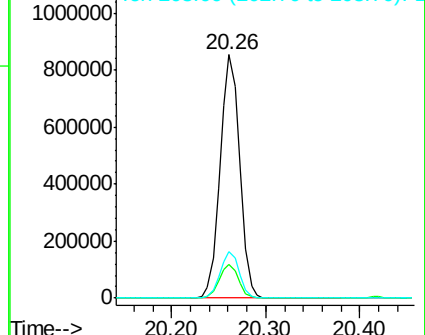
203 19.0 0.0 37.5

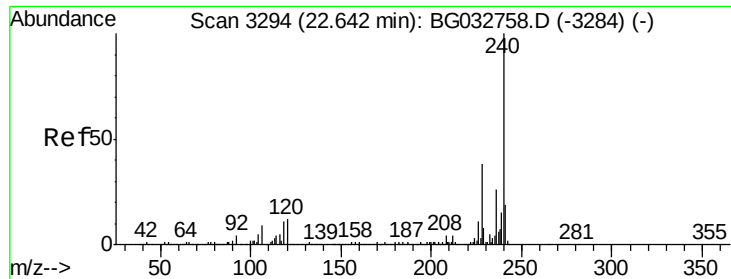


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





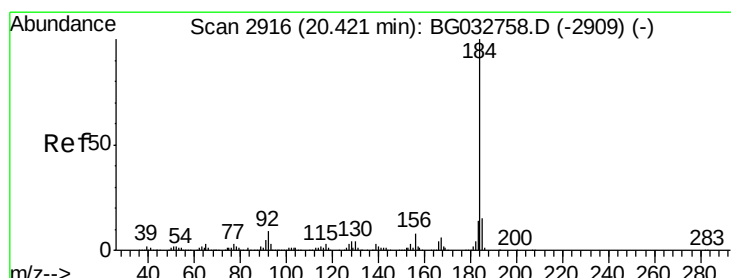
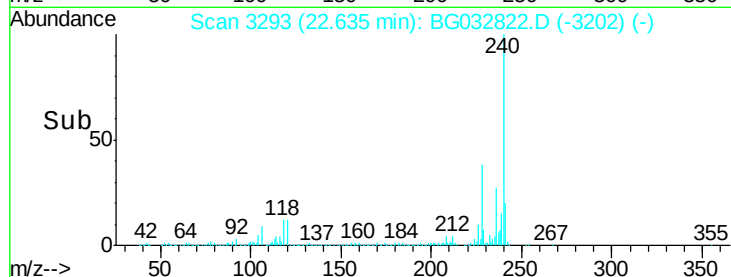
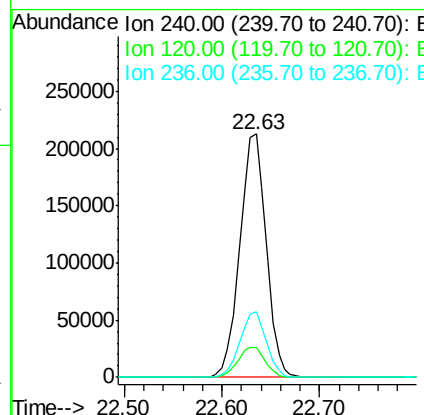
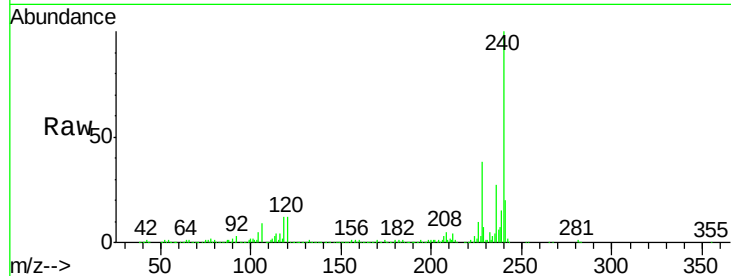
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.63 min Scan# 3293
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampled :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	6.8	10.2#
236	27.0	20.9	31.3

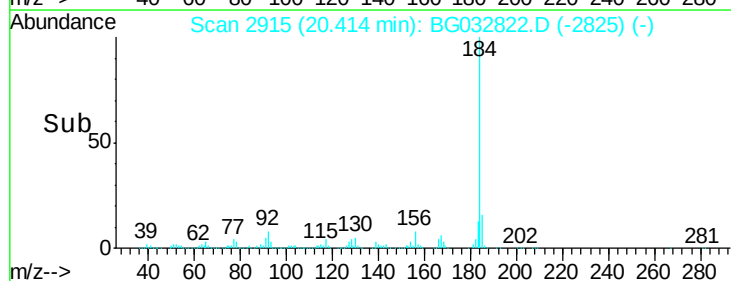
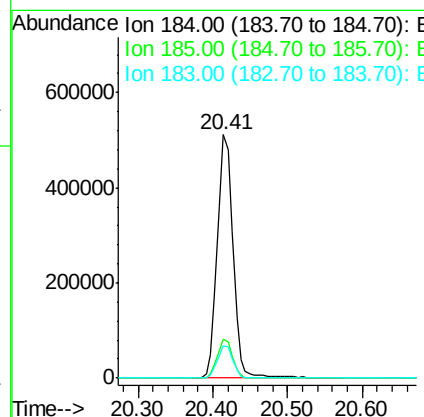
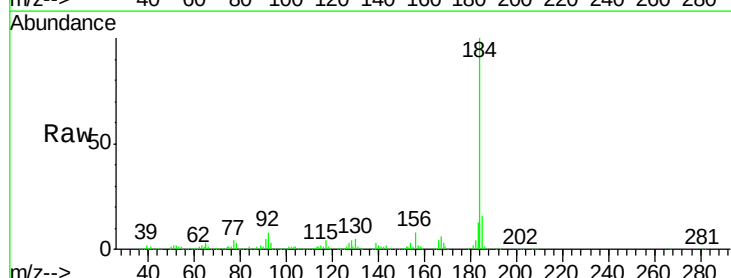
Manual Integrations
APPROVED

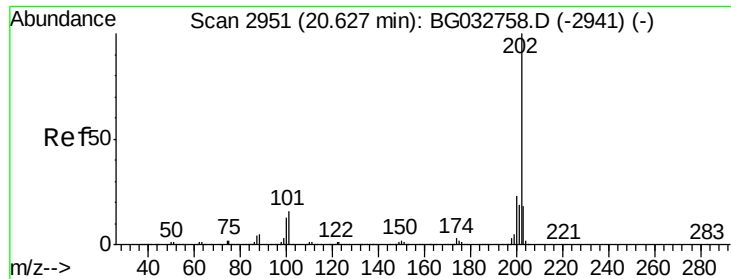
Sohil
2/27/2018 10:23:09 AM



#76
Benzidine
Concen: 55.568 ng
RT: 20.41 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.1	16.7
183	13.3	10.6	16.0





#77

Pvrene

Concen: 44.597 ng

RT: 20.62 min Scan# 2950

Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

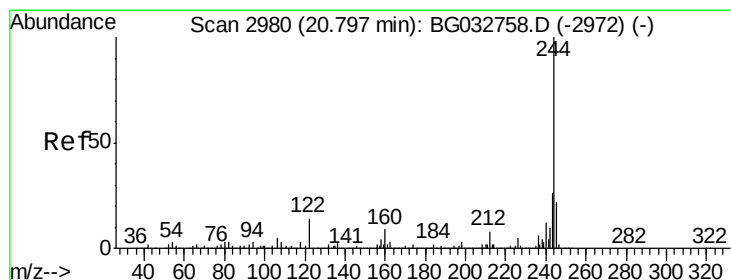
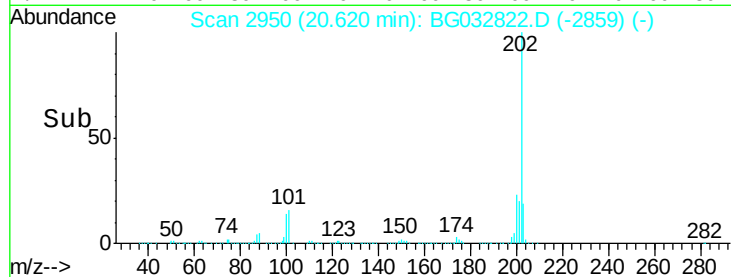
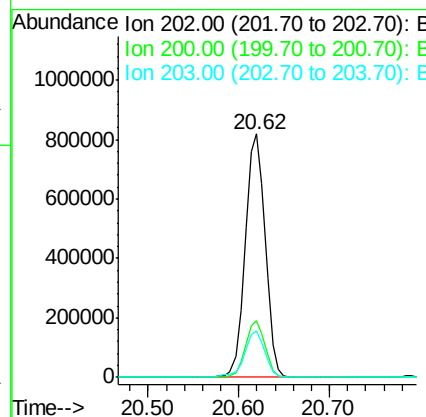
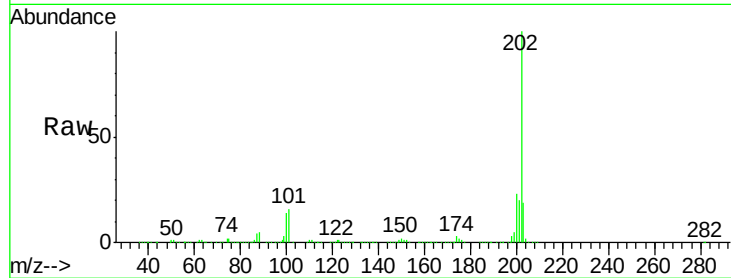
ClientSampled :

T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	16.9	25.3
203	19.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 90.824 ng

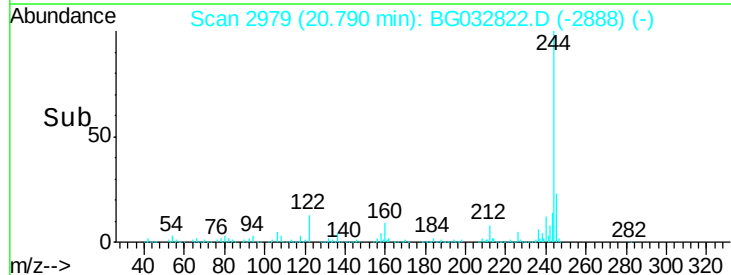
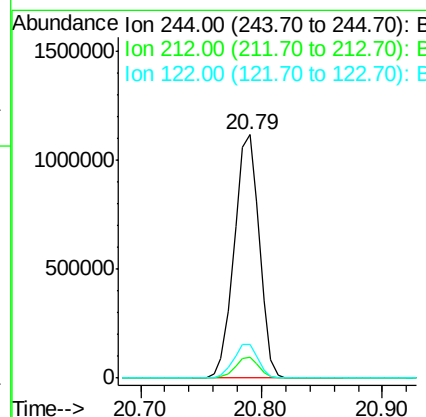
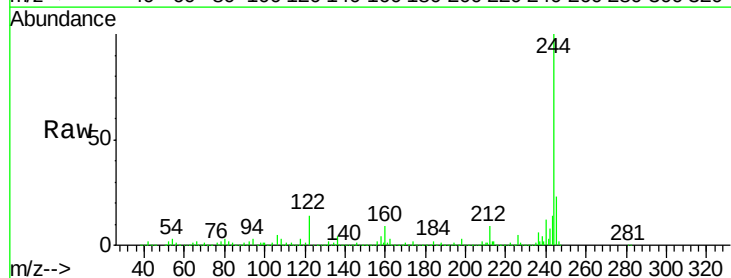
RT: 20.79 min Scan# 2979

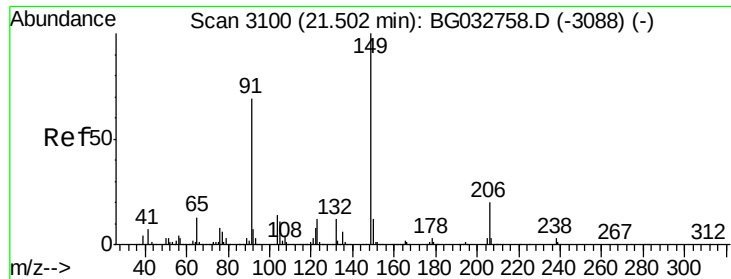
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	13.8	7.0	10.4





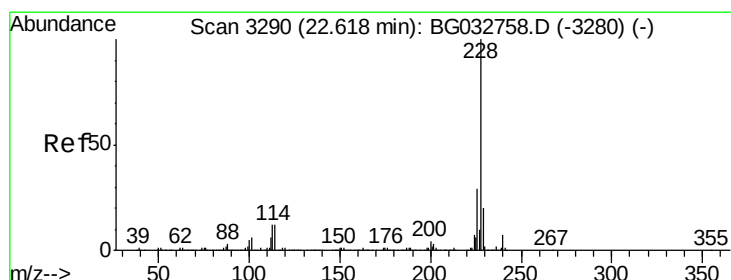
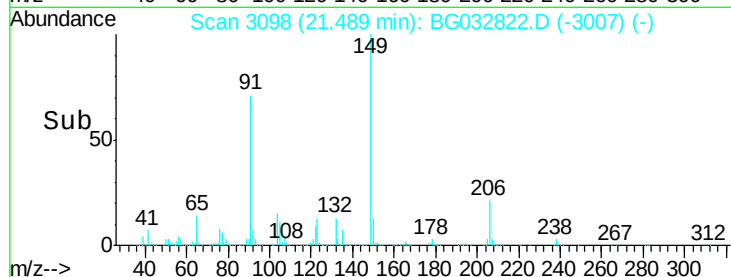
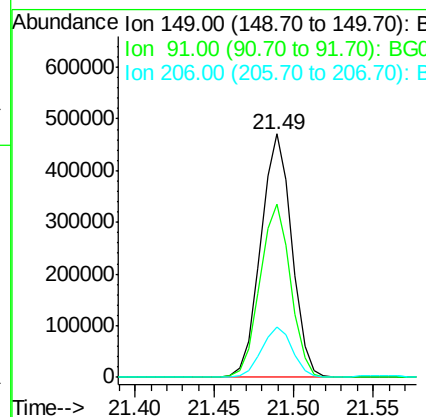
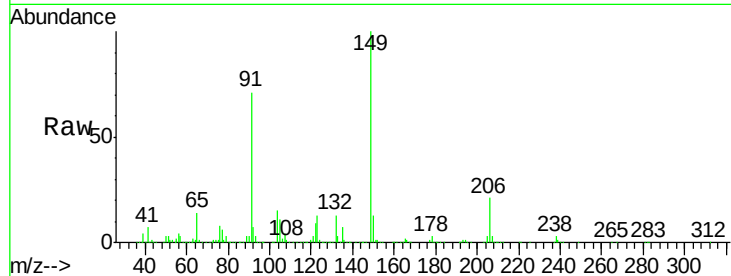
#79
Butylbenzylphthalate
Concen: 51.539 ng
RT: 21.49 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.4	62.2	93.2
206	20.8	18.6	27.8

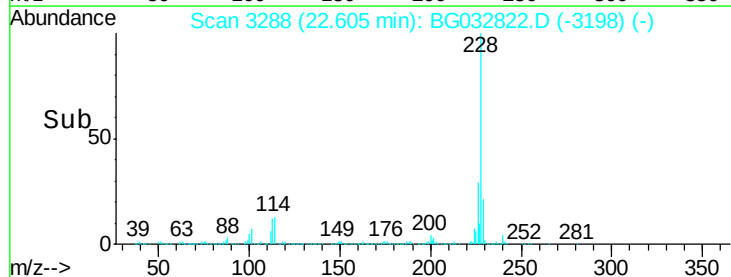
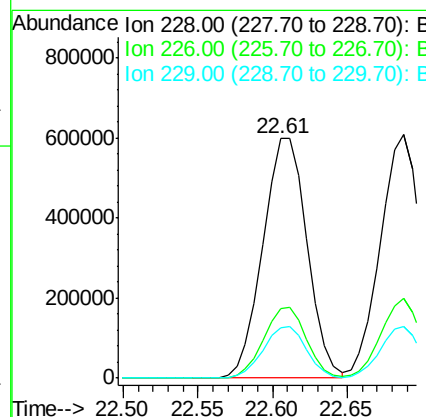
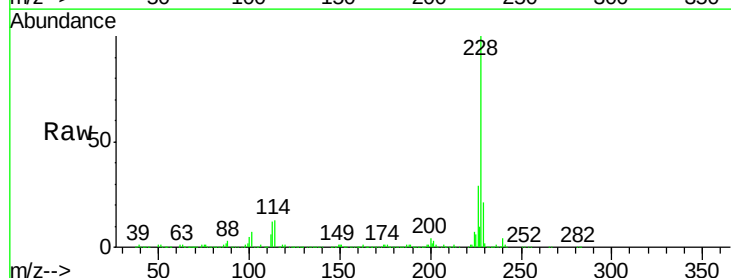
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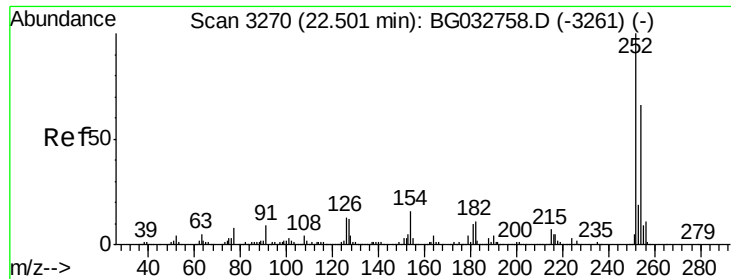
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#80
Benzo(a)anthracene
Concen: 48.357 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.2	16.2	24.2





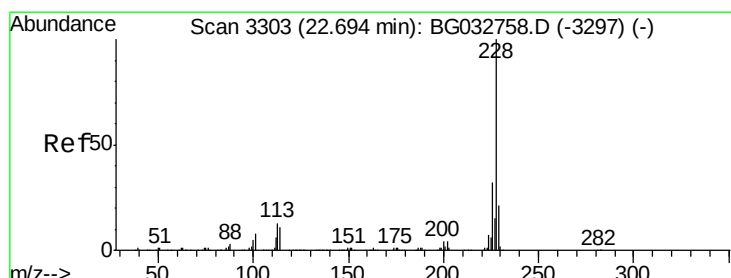
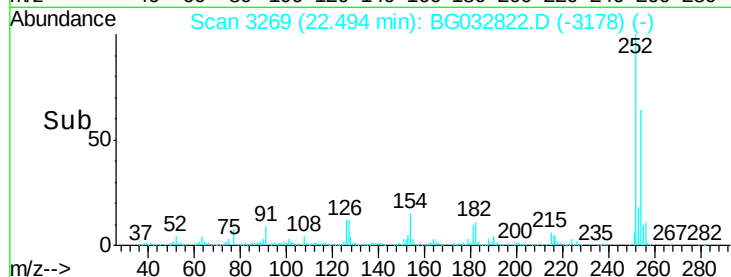
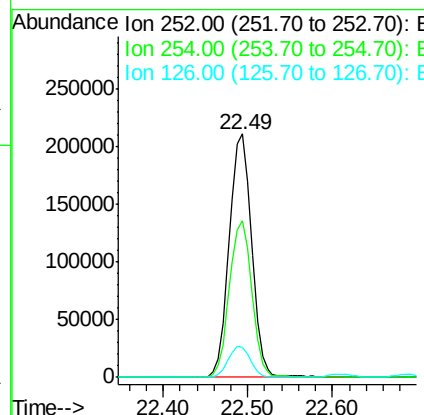
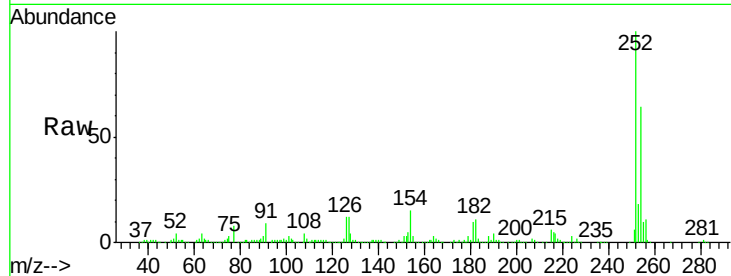
#81
 3,3'-Dichlorobenzidine
 Concen: 40.905 ng
 RT: 22.49 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampled :
 T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.2	50.8	76.2	
126	12.2	7.4	11.2	

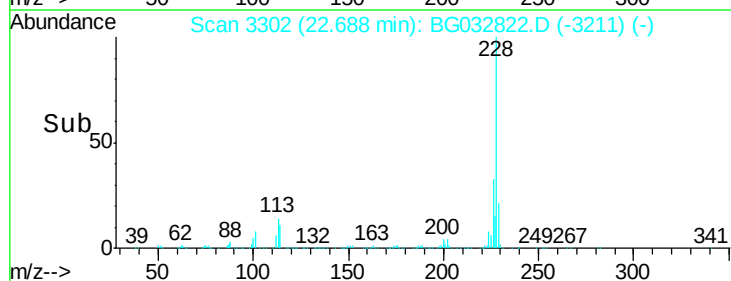
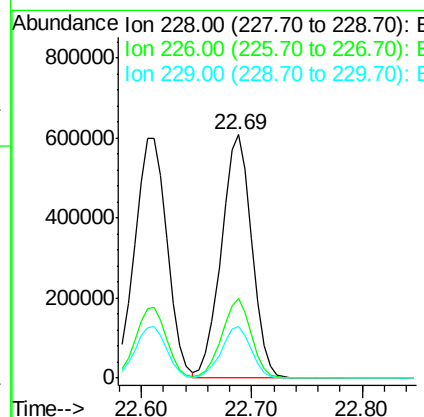
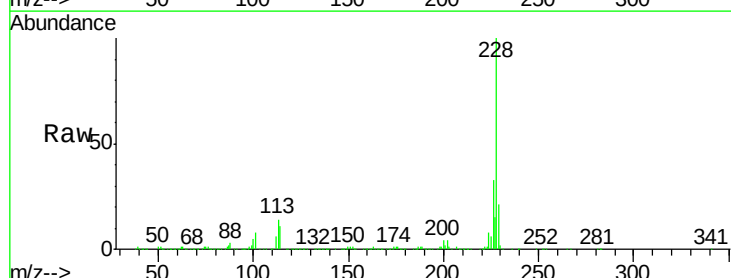
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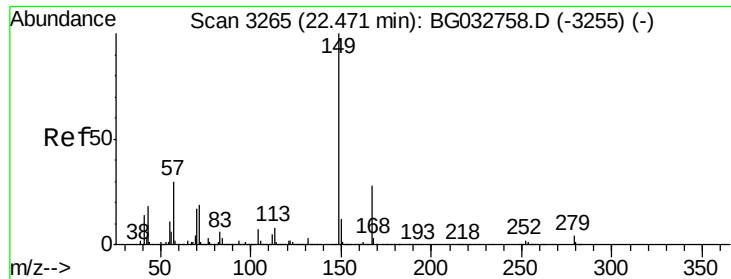
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#82
 Chrysene
 Concen: 47.614 ng
 RT: 22.69 min Scan# 3302
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.6	24.9	37.3	
229	21.0	15.0	22.4	





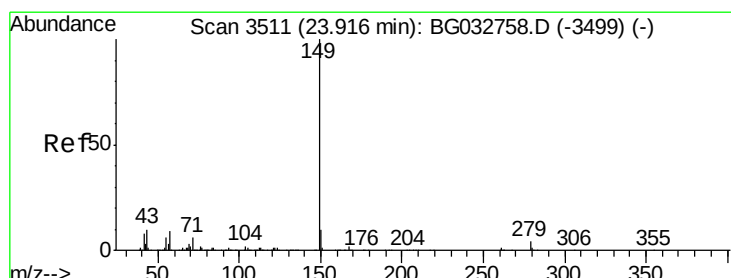
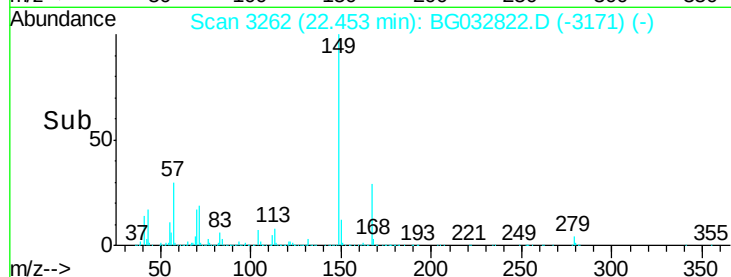
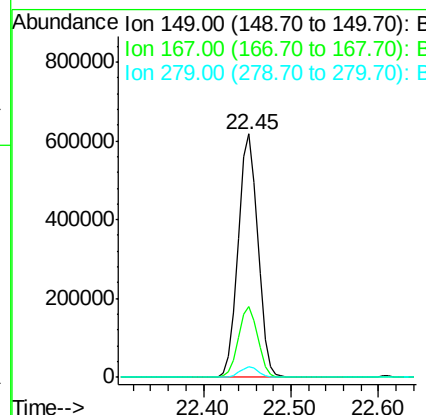
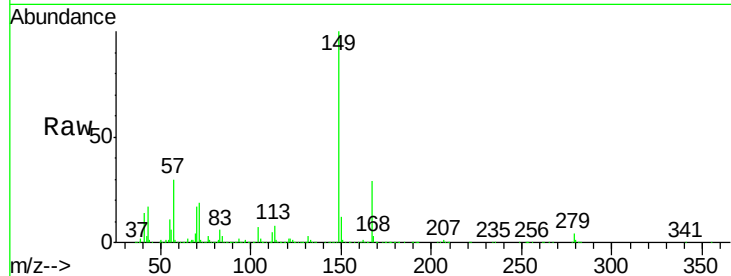
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.923 ng
 RT: 22.45 min Scan# 3262
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.2	24.3	36.5	
279	4.3	4.0	6.0	

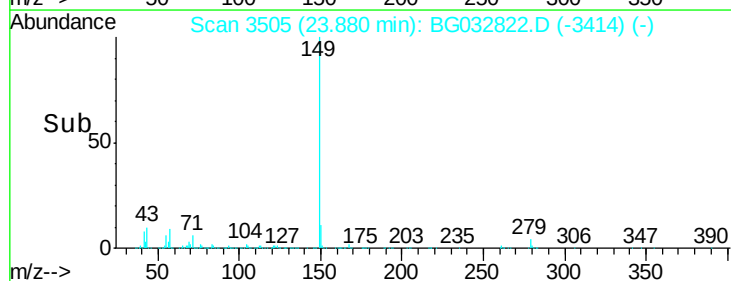
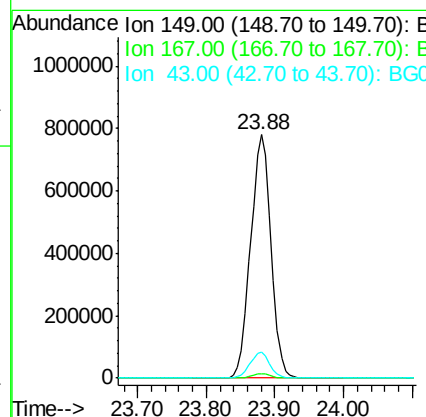
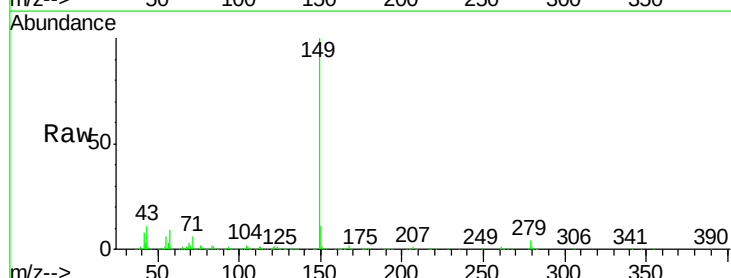
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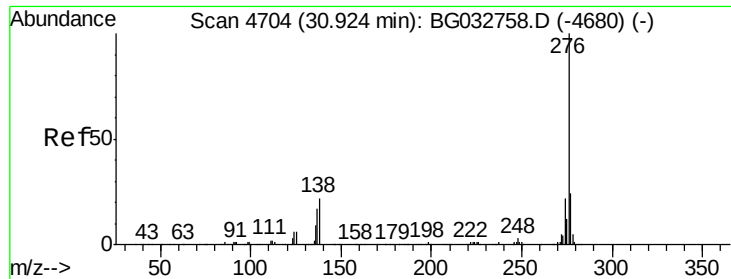
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#84
 Di-n-octyl phthalate
 Concen: 57.591 ng
 RT: 23.88 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.4	2.0	
43	10.2	8.9	13.3	





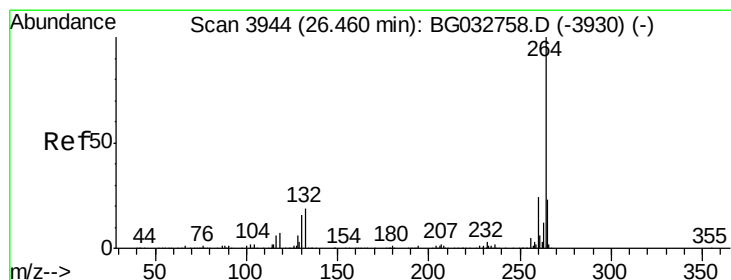
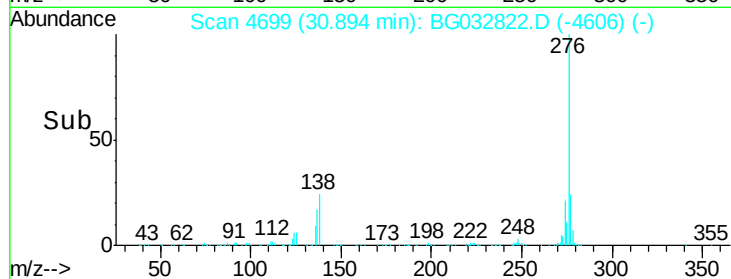
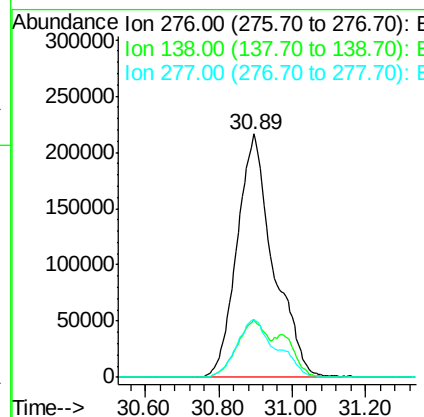
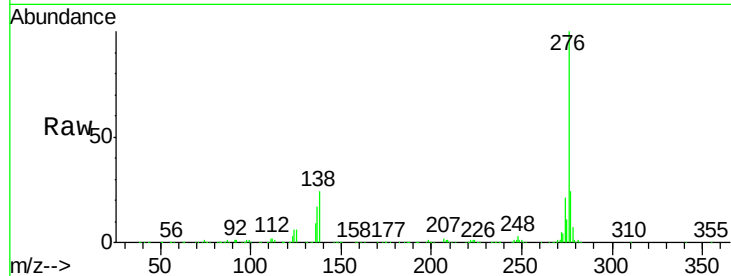
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.176 ng
 RT: 30.89 min Scan# 4699
 Delta R.T. 0.01 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.0	24.0
277	26.0	20.0	30.0

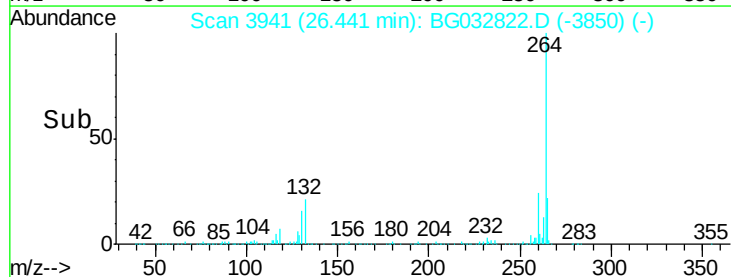
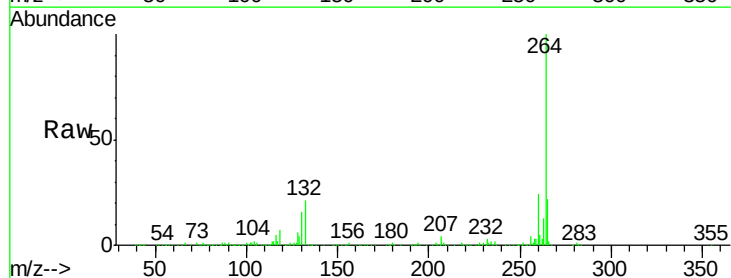
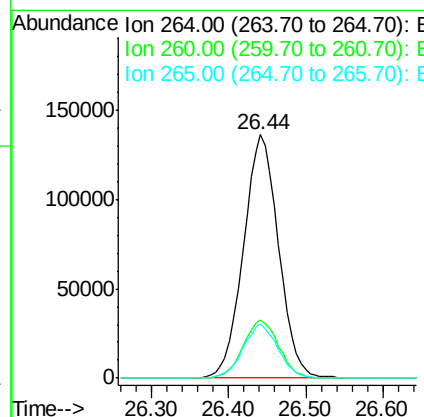
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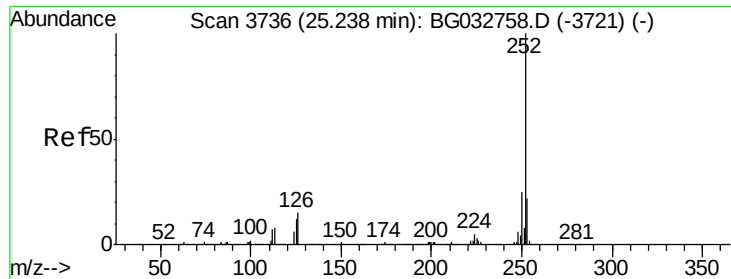
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.44 min Scan# 3941
 Delta R.T. 0.00 min
 Lab File: BG032822.D
 Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 49.238 ng

RT: 25.22 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Instrument :

BNA_G

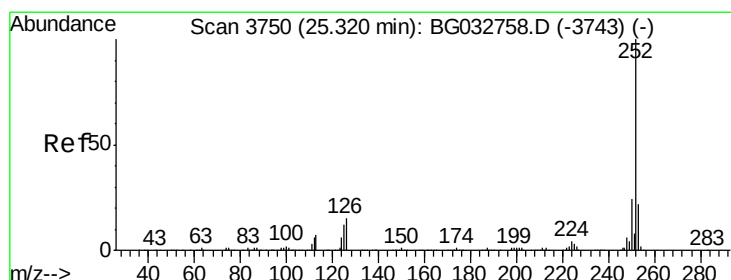
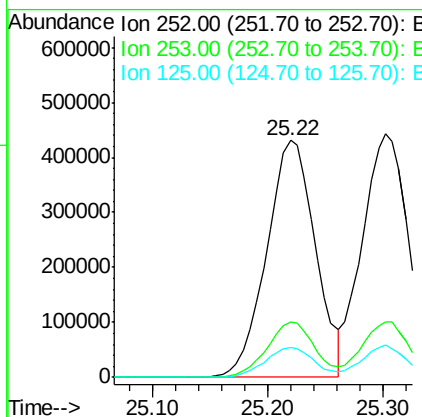
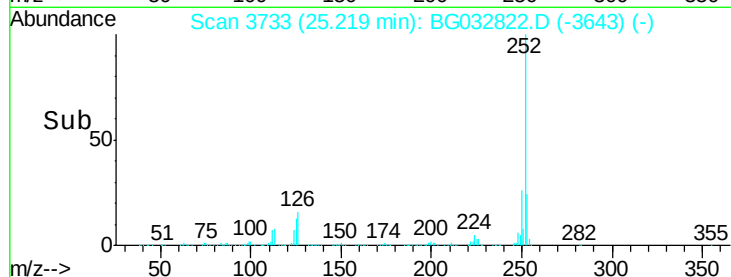
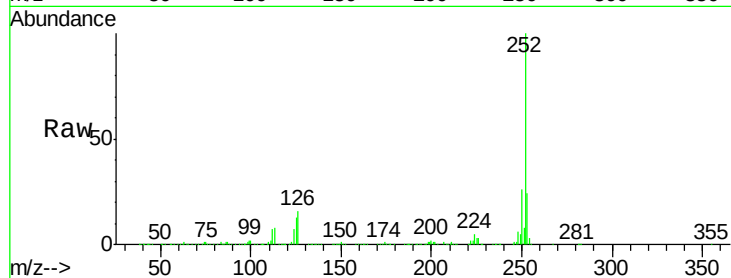
ClientSampleId :

T-3-ROADMS

Tot Ion:252	Resp: 1263312
Ion Ratio	Lower Upper
252 100	
253 23.6	18.2 27.4
125 12.6	7.2 10.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 48.334 ng

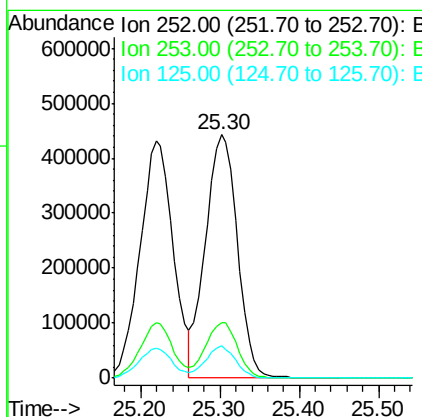
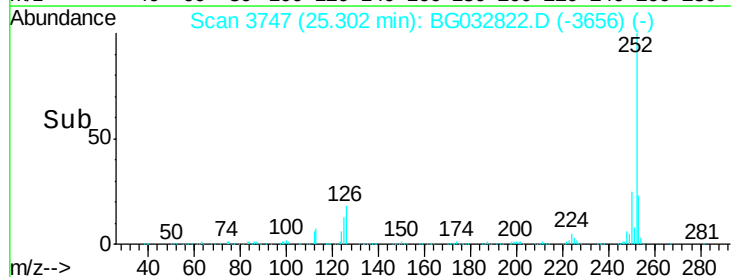
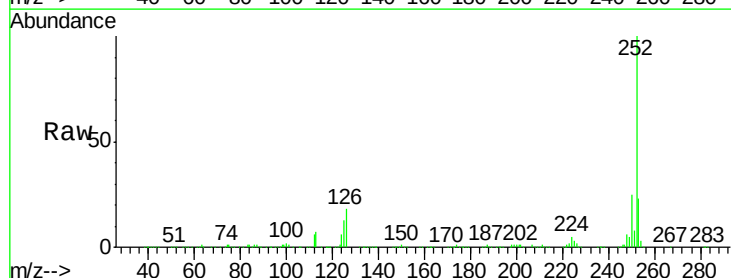
RT: 25.30 min Scan# 3747

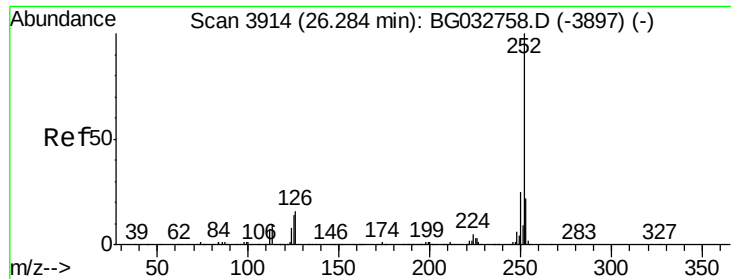
Delta R.T. 0.00 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tgt Ion:252	Resp: 1232473
Ion Ratio	Lower Upper
252 100	
253 23.0	17.4 26.2
125 13.1	6.6 9.8#





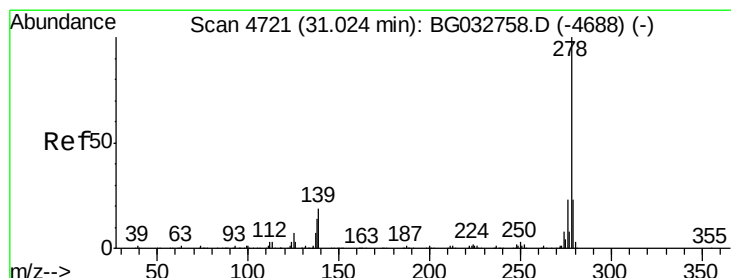
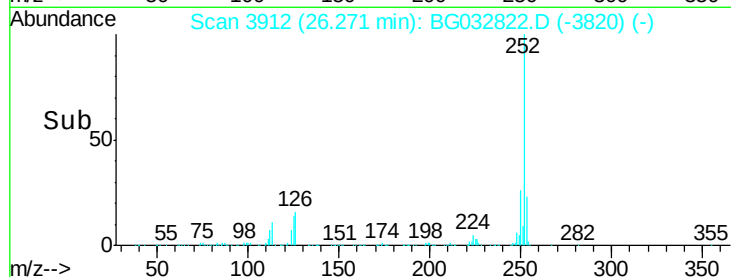
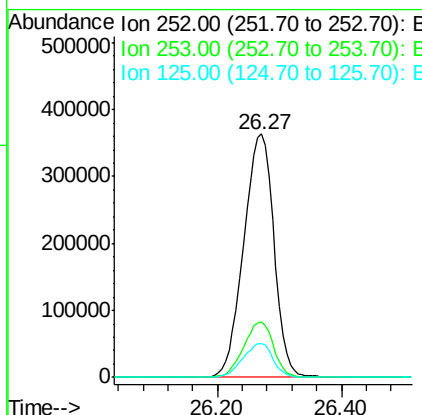
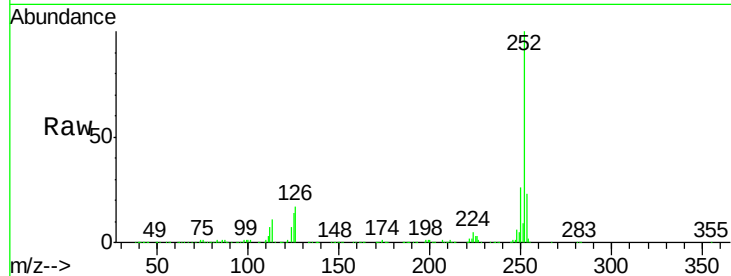
#89
Benzo(a)pyrene
Concen: 50.700 ng
RT: 26.27 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	13.6	7.3	10.9

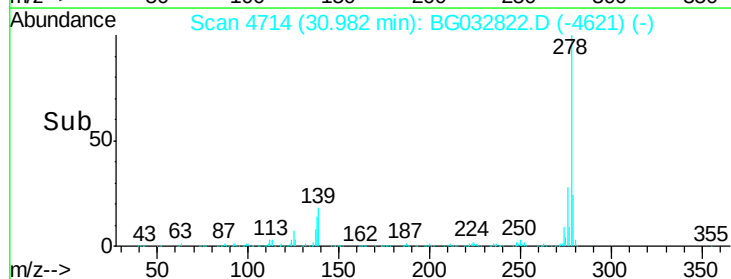
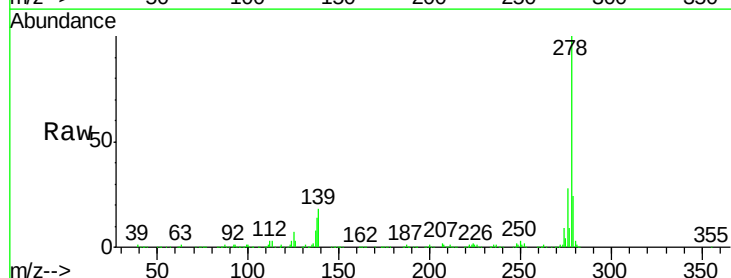
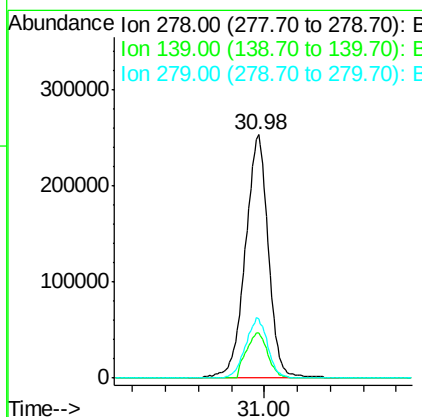
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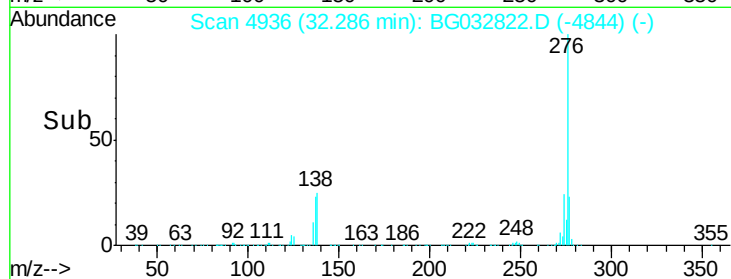
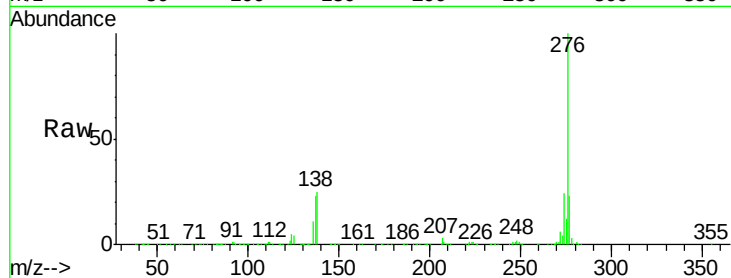
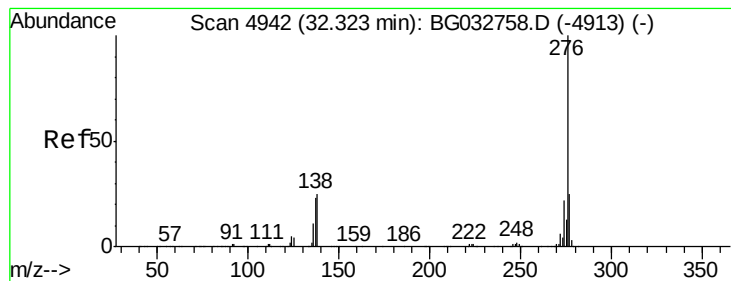
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#90
Dibenzo(a,h)anthracene
Concen: 50.504 ng
RT: 30.98 min Scan# 4714
Delta R.T. 0.01 min
Lab File: BG032822.D
Acq: 26 Feb 2018 15:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	9.8	14.6
279	24.2	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 50.961 ng

RT: 32.29 min Scan# 4936

Delta R.T. 0.01 min

Lab File: BG032822.D

Acq: 26 Feb 2018 15:15

Tot Ion: 276 Resp: 1233989

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 25.5 13.9 20.9#

Instrument :

BNA_G

ClientSampleId :

T-3-ROADMS

Manual Integrations

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