

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033849.D
 Acq On : 17 Apr 2018 17:51
 Operator : SJ/JU
 Sample : J2369-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

Manual Integrations
 APPROVED

Sohil
 4/18/2018 3:03:41 PM

Quant Time: Apr 18 10:57:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 18:35:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	32497	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	157496	20.00	ng	0.00
38) Acenaphthene-d10	15.45	164	127782	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	347415	20.00	ng	0.00
75) Chrysene-d12	22.53	240	342876	20.00	ng	0.00
86) Perylene-d12	26.27	264	370325	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	6.26	112	273281	157.69	ng	0.00
7) Phenol-d6	7.96	99	402359	135.12	ng	0.00
23) Nitrobenzene-d5	10.04	82	334667	97.63	ng	0.00
41) 2,4,6-Tribromophenol	16.93	330	273892	143.31	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	831133	93.90	ng	0.00
78) Terphenyl-d14	20.70	244	1555216	97.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.90	88	32092	36.463	ng	# 94
3) Pyridine	4.39	79	53454	21.971	ng	96
4) n-Nitrosodimethylamine	4.31	42	45247m	45.318	ng	
6) Aniline	8.13	93	81454	23.261	ng	# 82
8) 2-Chlorophenol	8.39	128	99741	50.342	ng	83
9) Benzaldehyde	7.95	77	65980m	34.866	ng	
10) Phenol	7.99	94	110921	37.729	ng	86
11) bis(2-Chloroethyl)ether	8.22	93	89196	37.170	ng	91
12) 1,3-Dichlorobenzene	8.72	146	108466	41.874	ng	94
13) 1,4-Dichlorobenzene	8.87	146	99491	38.352	ng	95
14) 1,2-Dichlorobenzene	9.19	146	109001	43.052	ng	94
15) Benzyl Alcohol	9.08	79	86213m	36.773	ng	
16) 2,2'-oxybis(1-Chloropropan	9.34	45	191765	49.019	ng	73
17) 2-Methylphenol	9.29	107	73802	36.850	ng	# 90
18) Hexachloroethane	9.93	117	50005	49.944	ng	90
19) n-Nitroso-di-n-propylamine	9.63	70	98801	45.280	ng	98
20) 3+4-Methylphenols	9.62	107	103084	36.150	ng	94
22) Acetophenone	9.68	105	147740	34.240	ng	# 97
24) Nitrobenzene	10.09	77	141590	38.589	ng	94
25) Isophorone	10.58	82	303213	45.574	ng	100
26) 2-Nitrophenol	10.81	139	57328m	41.269	ng	
27) 2,4-Dimethylphenol	10.84	122	92156m	45.667	ng	
28) bis(2-Chloroethoxy)methane	11.07	93	135366	40.778	ng	99
29) 2,4-Dichlorophenol	11.36	162	114912	46.303	ng	98
30) 1,2,4-Trichlorobenzene	11.56	180	126683	39.289	ng	95
31) Naphthalene	11.76	128	367558	45.036	ng	98
33) 4-Chloroaniline	11.92	127	14303	3.912	ng	# 86
34) Hexachlorobutadiene	12.01	225	97195	39.861	ng	96
35) Caprolactam	12.61	113	32206	33.125	ng	# 83
36) 4-Chloro-3-methylphenol	12.95	107	128744	39.774	ng	94
37) 2-Methylnaphthalene	13.31	142	266062	42.001	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.67	216	172586	37.287	ng	# 97
40) Hexachlorocyclopentadiene	13.63	237	197762	72.883	ng	94
42) 2,4,6-Trichlorophenol	13.90	196	98304	36.555	ng	95

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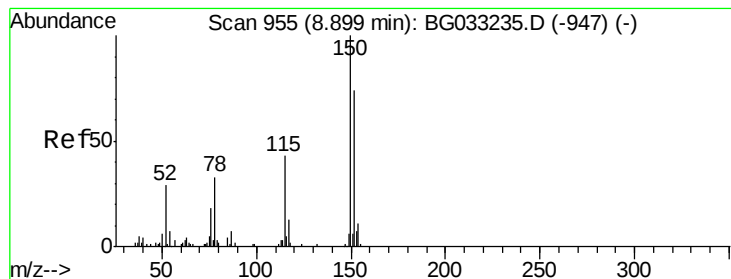
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.99	196	125526	39.490	nq	98
45) 1,1'-Biphenyl	14.29	154	388086	39.531	nq	97
46) 2-Chloronaphthalene	14.35	162	293609	38.788	nq	93
47) 2-Nitroaniline	14.56	65	111715	39.403	nq	97
48) Acenaphthylene	15.18	152	511583	40.489	nq	98
49) Dimethylphthalate	14.87	163	449179	40.392	nq	98
50) 2,6-Dinitrotoluene	15.01	165	96124	42.274	nq	96
51) Acenaphthene	15.51	154	282245	34.652	nq	99
52) 3-Nitroaniline	15.39	138	49296	20.679	nq #	86
53) 2,4-Dinitrophenol	15.57	184	53605	48.817	nq	91
54) Dibenzofuran	15.84	168	512277	42.579	nq #	89
55) 4-Nitrophenol	15.68	139	111873	66.739	nq #	85
56) 2,4-Dinitrotoluene	15.80	165	141580	42.288	nq	94
57) Fluorene	16.48	166	436478	42.584	nq	96
58) 2,3,4,6-Tetrachlorophenol	16.06	232	142840	47.733	nq	96
59) Diethylphthalate	16.21	149	464801	43.044	nq	98
60) 4-Chlorophenyl-phenylether	16.46	204	240196	40.766	nq	97
61) 4-Nitroaniline	16.55	138	71316	29.542	nq	86
62) Azobenzene	16.75	77	461360	44.106	nq	96
64) 4,6-Dinitro-2-methylphenol	16.55	198	61030	29.365	nq	93
65) n-Nitrosodiphenylamine	16.68	169	408669	41.204	nq	97
66) 4-Bromophenyl-phenylether	17.35	248	164511	40.321	nq	96
67) Hexachlorobenzene	17.48	284	166501	38.667	nq	94
68) Atrazine	17.59	200	150849	37.533	nq	98
69) Pentachlorophenol	17.82	266	183765	62.179	nq	96
70) Phenanthrene	18.22	178	727559	40.211	nq	99
71) Anthracene	18.32	178	795481	43.421	nq	98
72) Carbazole	18.59	167	645448	39.759	nq	98
73) Di-n-butylphthalate	19.06	149	805525	42.630	nq #	99
74) Fluoranthene	20.18	202	920671	41.119	nq	98
76) Benzidine	20.39	184	29742m	3.199	nq	
77) Pyrene	20.54	202	906379	39.635	nq	98
79) Butylbenzylphthalate	21.39	149	348752	41.328	nq	95
80) Benzo(a)anthracene	22.51	228	892797	40.892	nq	99
81) 3,3'-Dichlorobenzidine	22.39	252	204746	26.354	nq	98
82) Chrysene	22.58	228	851667	40.298	nq	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	493077	42.387	nq	99
84) Di-n-octyl phthalate	23.70	149	854089	47.952	nq	100
85) Indeno(1,2,3-cd)pyrene	30.64	276	998322	43.690	nq #	74
87) Benzo(b)fluoranthene	25.07	252	861517	40.266	nq #	97
88) Benzo(k)fluoranthene	25.14	252	897465	41.474	nq #	98
89) Benzo(a)pyrene	26.10	252	870696	42.376	nq #	96
90) Dibenzo(a,h)anthracene	30.71	278	836675	43.230	nq	97
91) Benzo(g,h,i)perylene	32.01	276	825212	43.058	nq	95

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



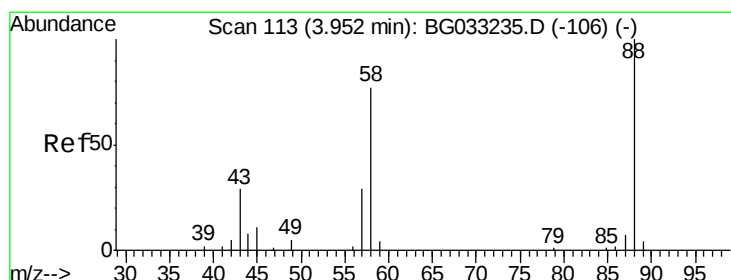
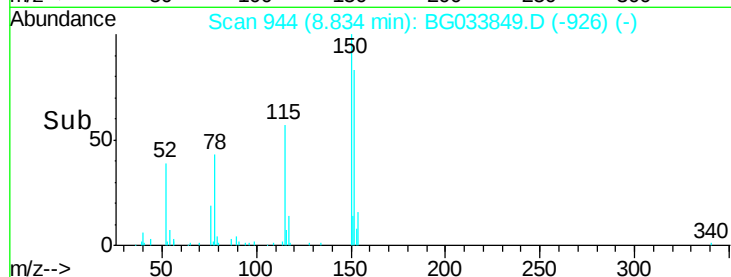
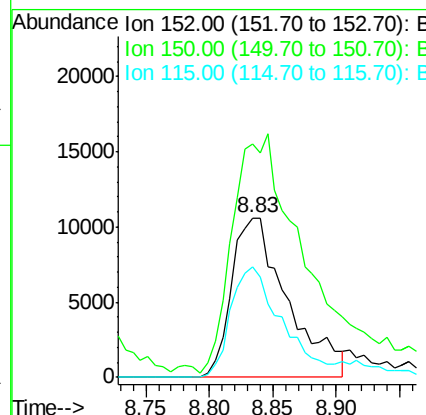
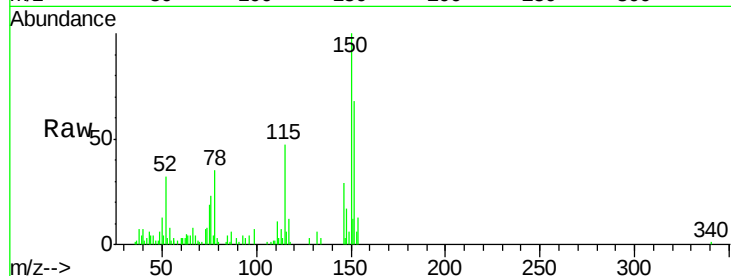
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	126.6	189.8
115	68.8	53.0	79.4

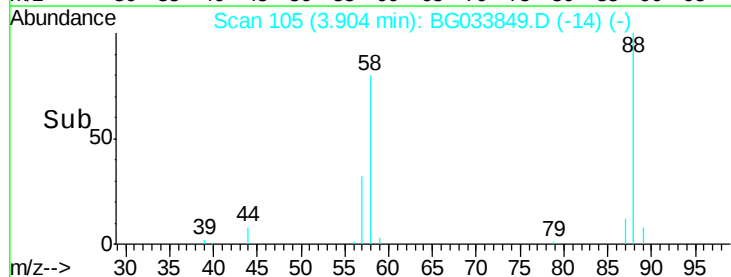
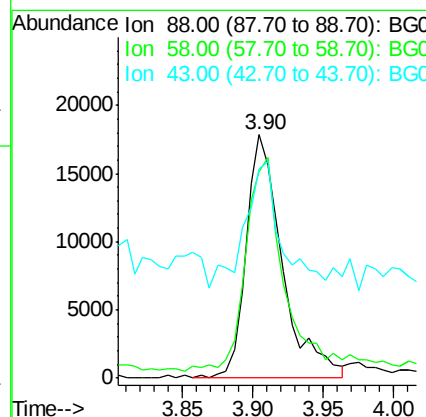
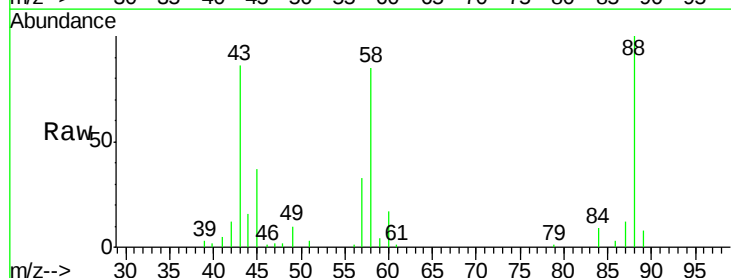
Manual Integrations
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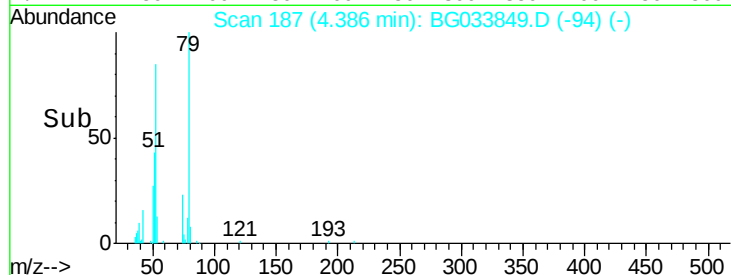
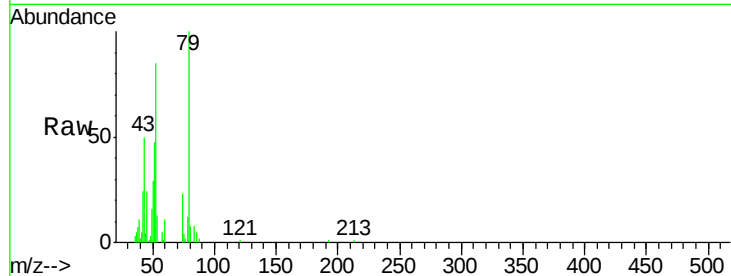
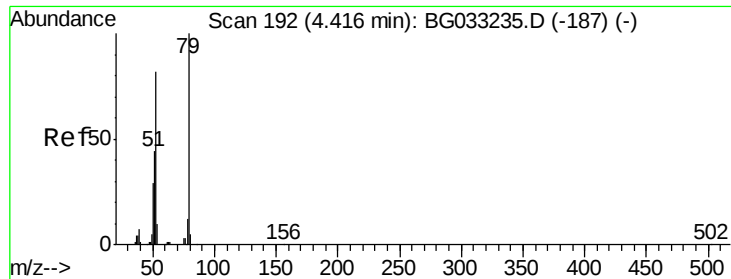
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#2
 1,4-Dioxane
 Concen: 36.463 ng
 RT: 3.90 min Scan# 105
 Delta R.T. 0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.9	79.6	119.4
43	42.6	27.4	41.0#





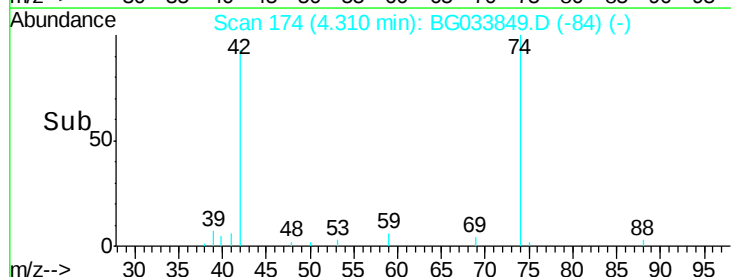
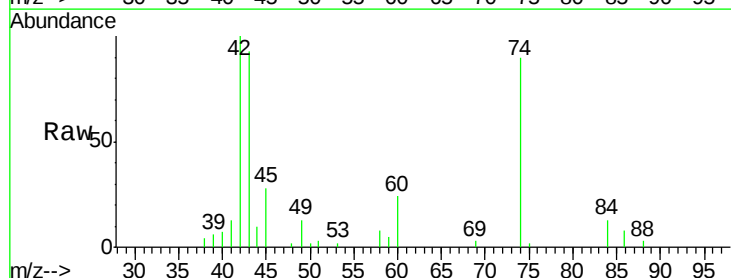
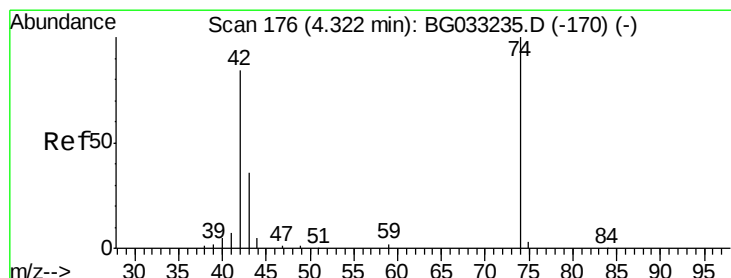
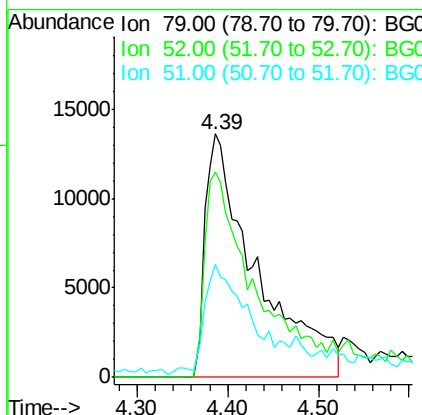
#3
Pvridine
Concen: 21.971 ng
RT: 4.39 min Scan# 187
Delta R.T. 0.01 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.5	69.9	104.9
51	46.7	34.0	51.0

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

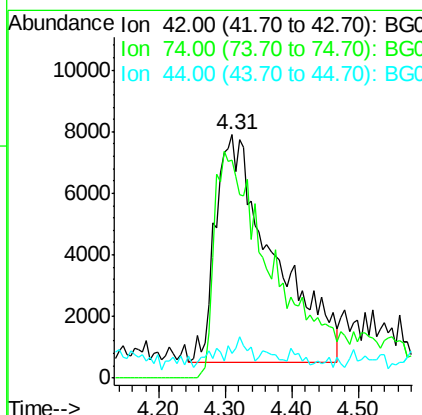
Manual Integrations
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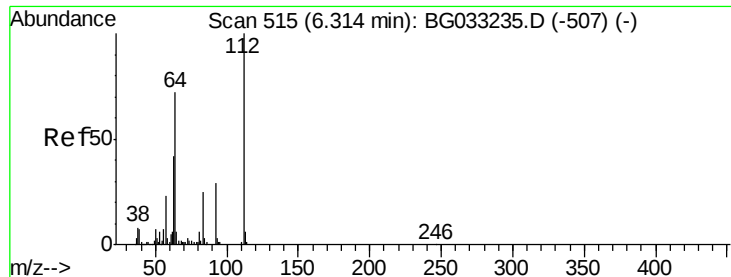
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#4
n-Nitrosodimethylamine
Concen: 45.318 ng m
RT: 4.31 min Scan# 174
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.7	102.5	153.7#
44	10.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 157.687 ng

RT: 6.26 min Scan# 506

Delta R.T. -0.00 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

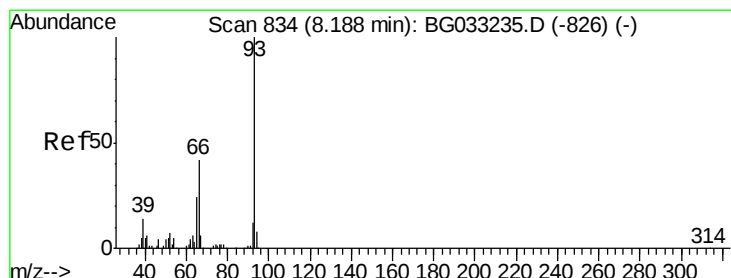
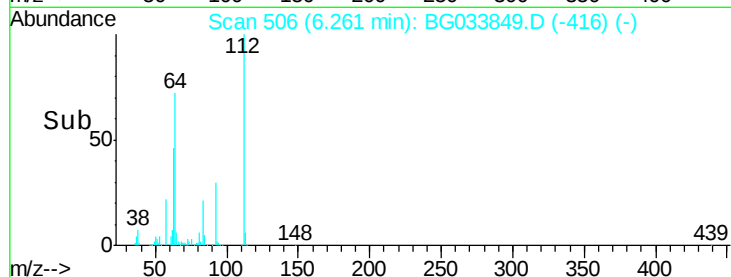
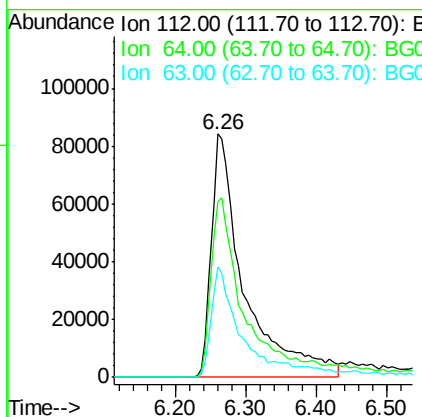
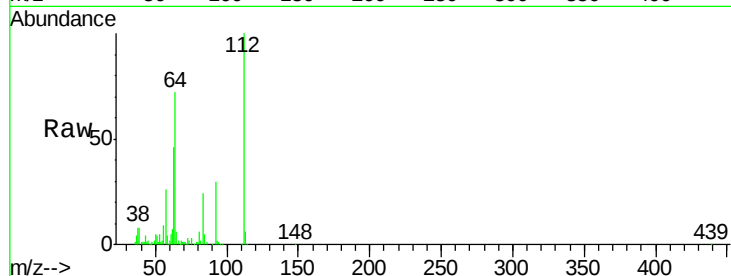
ClientSampleId :

RO-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	273281		
64	72.0	56.3	84.5	
63	45.6	30.1	45.1	

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#6

Aniline

Concen: 23.261 ng

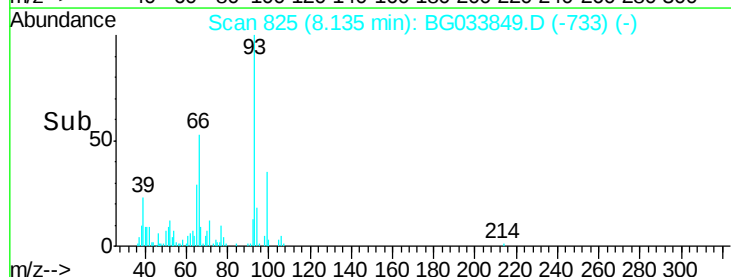
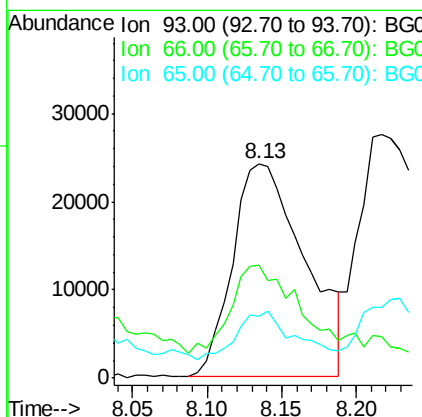
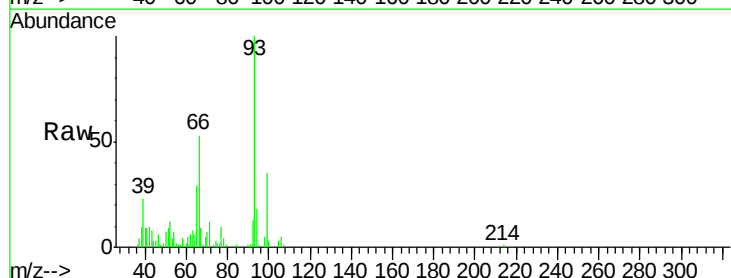
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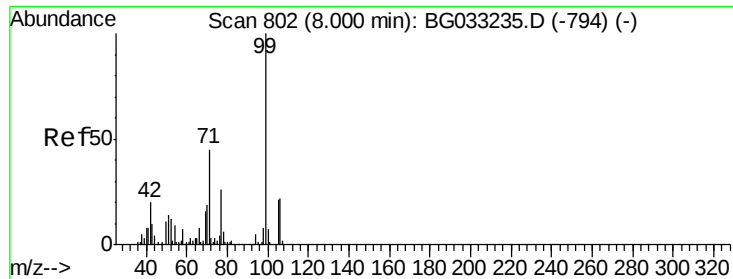
Delta R.T. 0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	81454		
66	52.8	33.7	50.5	
65	29.0	16.1	24.1	





#7

Phenol-d6

Concen: 135.122 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

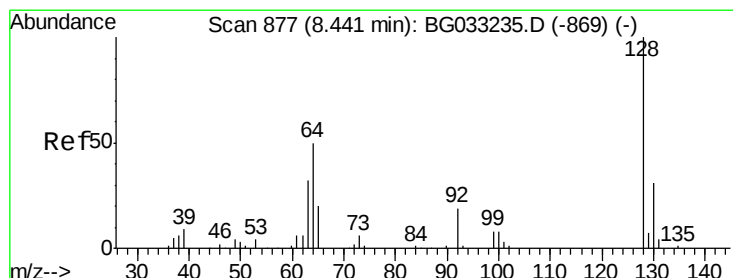
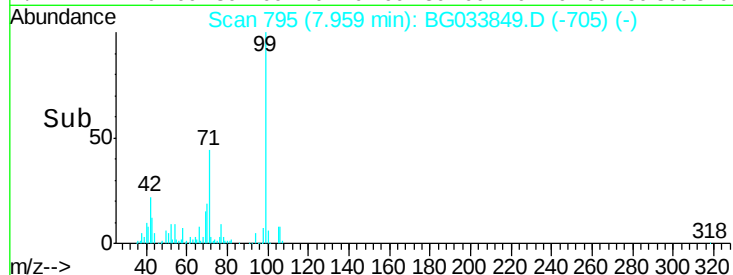
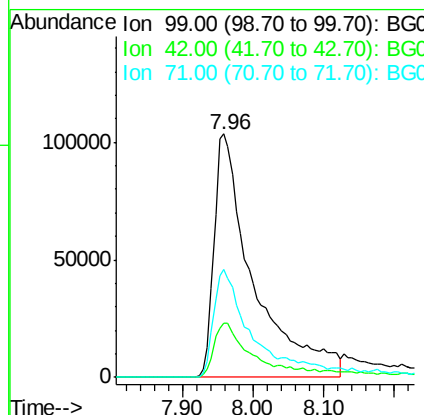
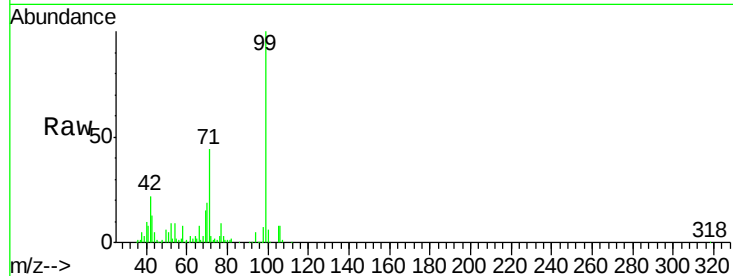
ClientSampleId :

RO-1-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		402359		
42	22.4	14.1	21.1#		
71	44.2	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 50.342 ng

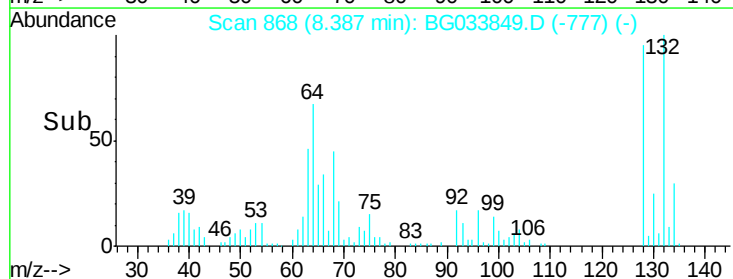
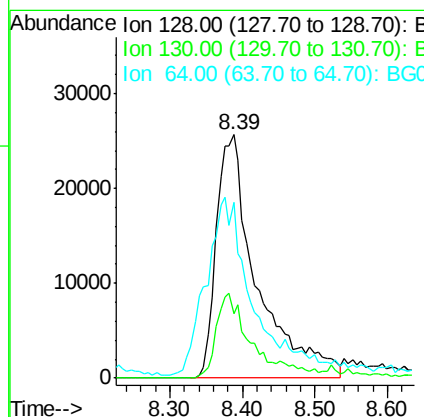
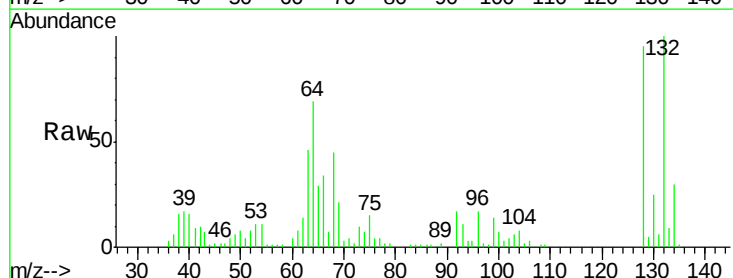
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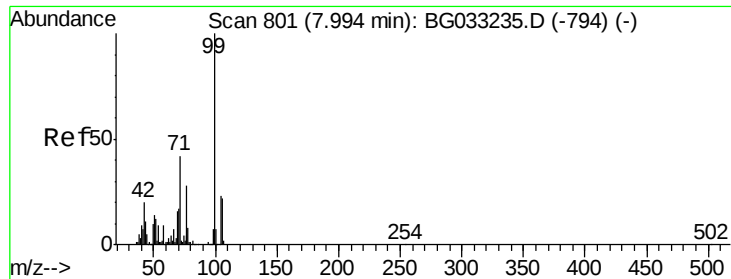
Delta R.T. 0.00 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		99741		
130	26.5	14.0	54.0		
64	72.0	37.7	77.7		





#9

Benzaldehyde

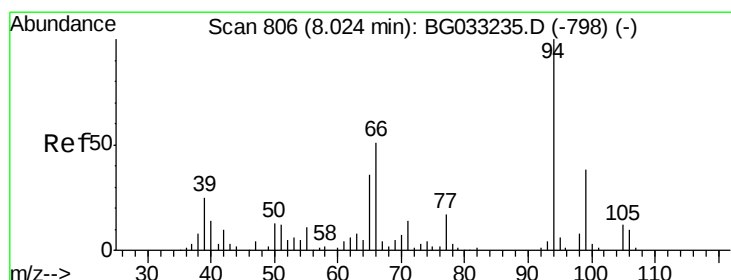
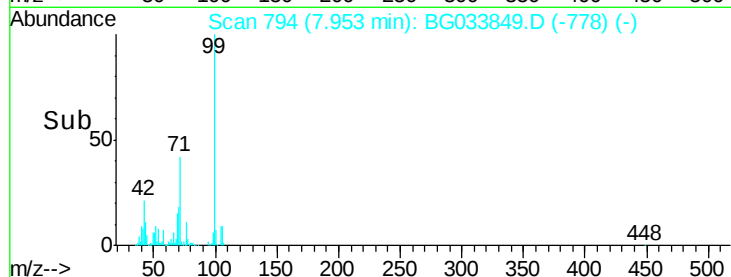
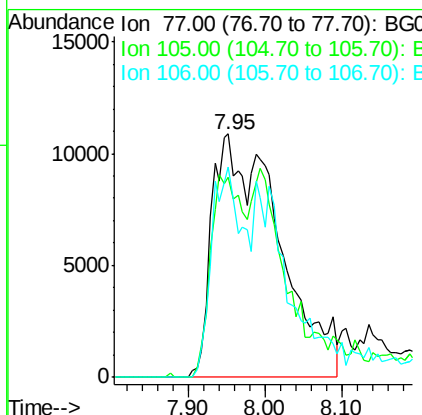
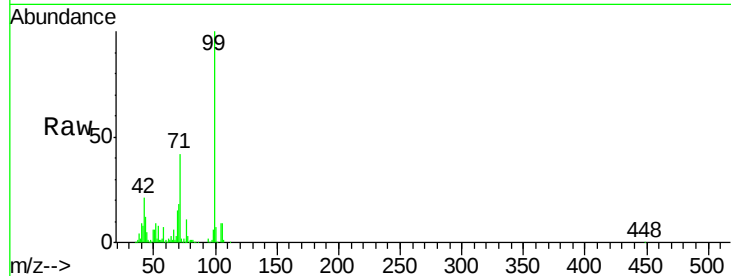
Concen: 34.866 ng/ml
 RT: 7.95 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleID :
 RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	82.0	71.3	111.3
106	86.5	64.2	104.2

Manual Integrations
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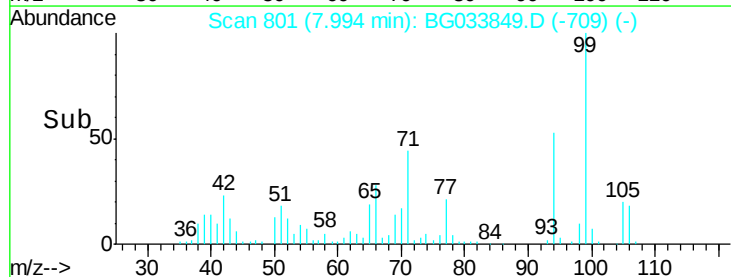
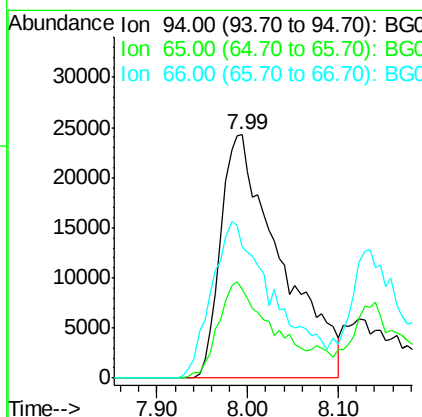
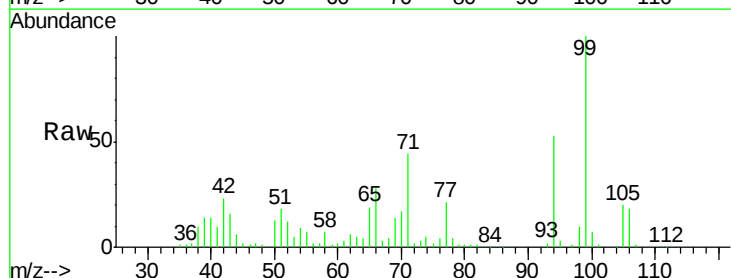


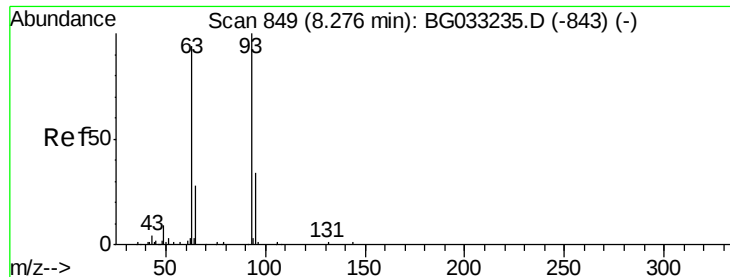
#10

Phenol

Concen: 37.729 ng/ml
 RT: 7.99 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.5	11.9	51.9
66	53.6	22.2	62.2





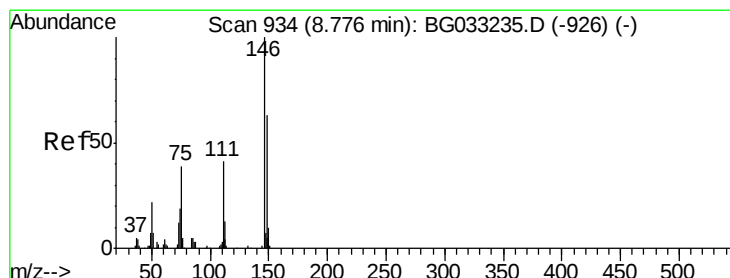
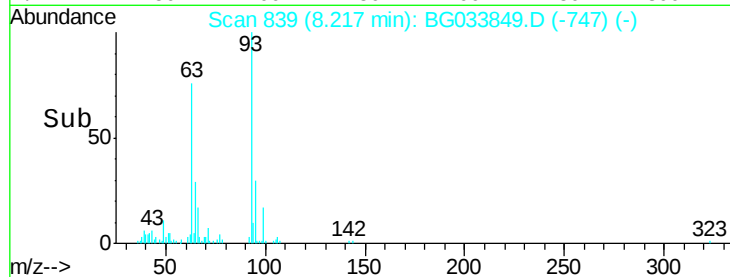
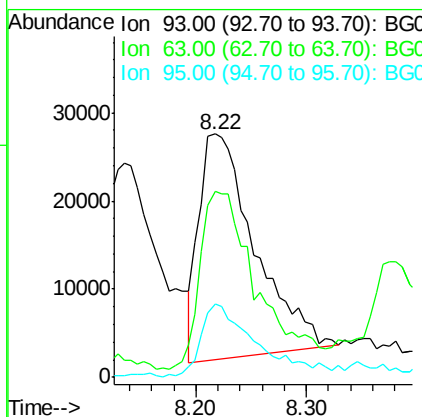
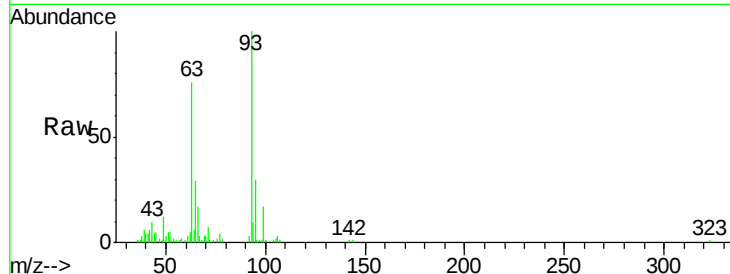
#11
bis(2-Chloroethyl)ether
Concen: 37.170 ng
RT: 8.22 min Scan# 839
Delta R.T. 0.01 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	67.1	107.1
95	30.3	11.5	51.5

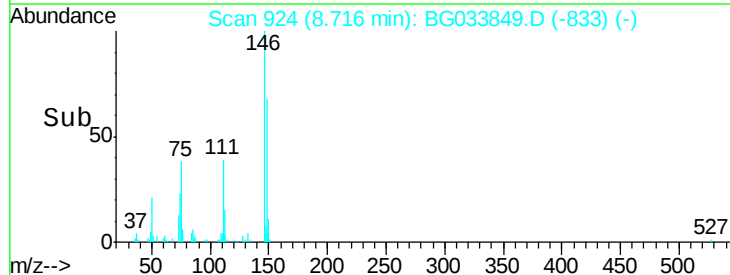
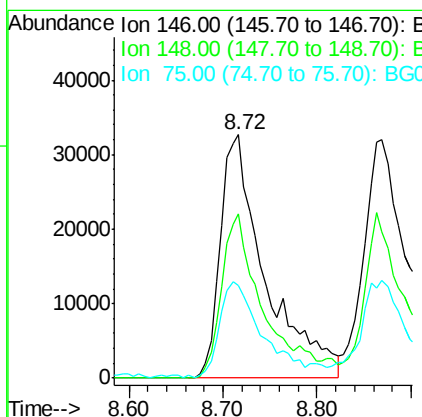
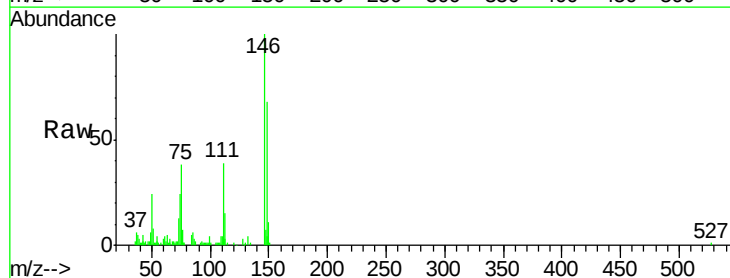
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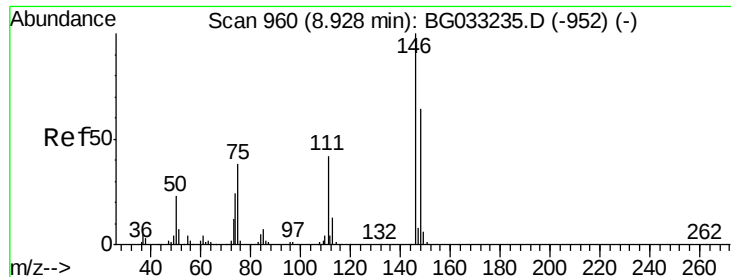
Sohil
4/18/2018 3:03:41 PM



#12
1,3-Dichlorobenzene
Concen: 41.874 ng
RT: 8.72 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.4	77.2
75	38.1	26.6	39.8





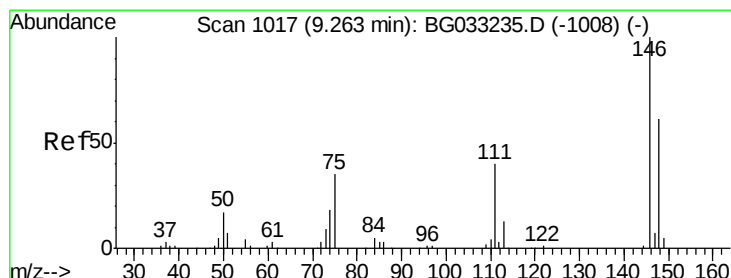
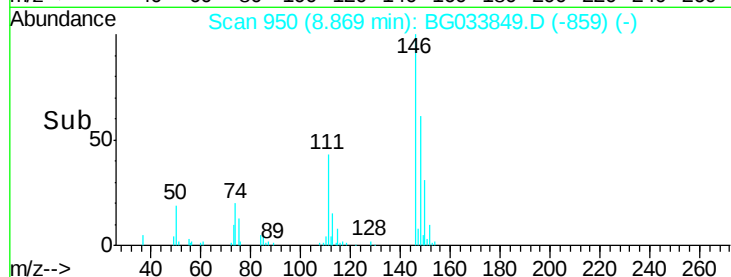
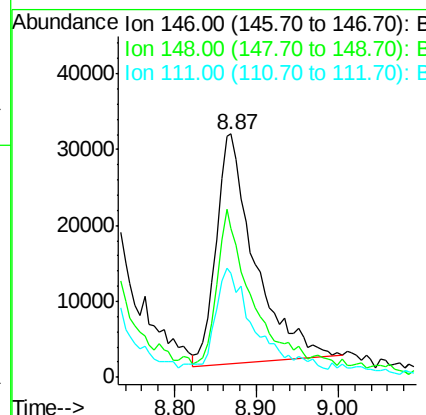
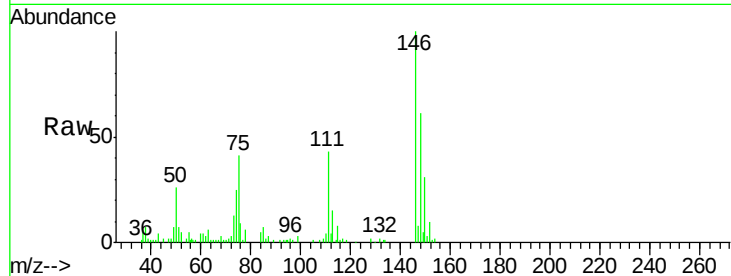
#13
 1,4-Dichlorobenzene
 Concen: 38.352 ng
 RT: 8.87 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	53.7	80.5
111	42.9	35.2	52.8

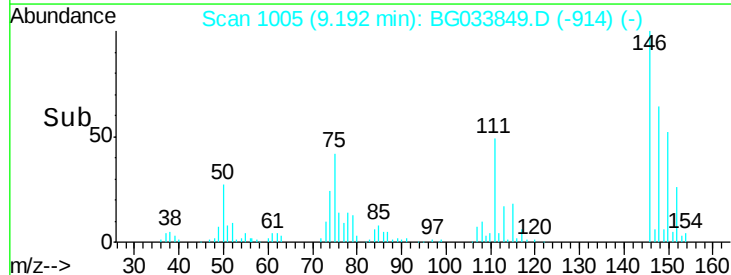
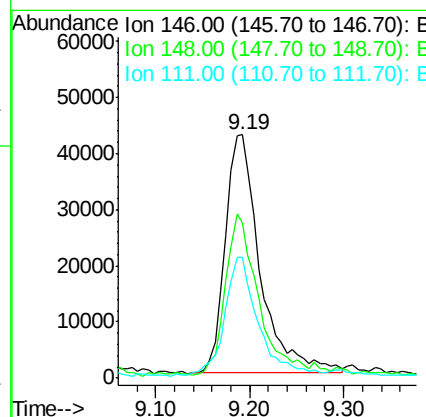
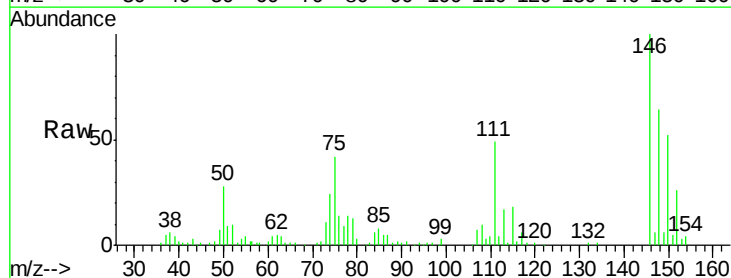
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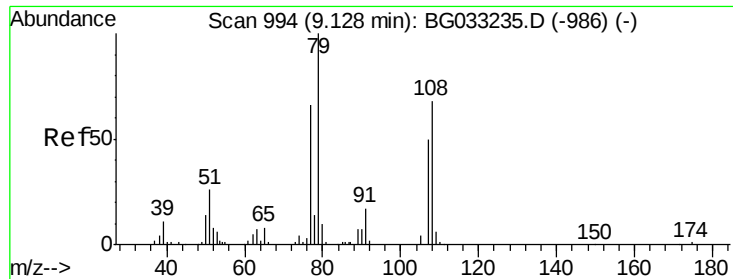
Sohil
 4/18/2018 3:03:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.052 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.3	73.9
111	49.4	34.3	51.5





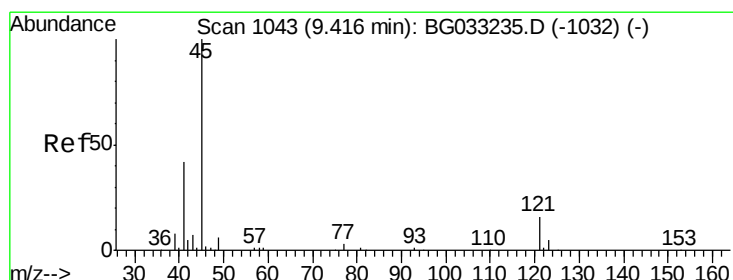
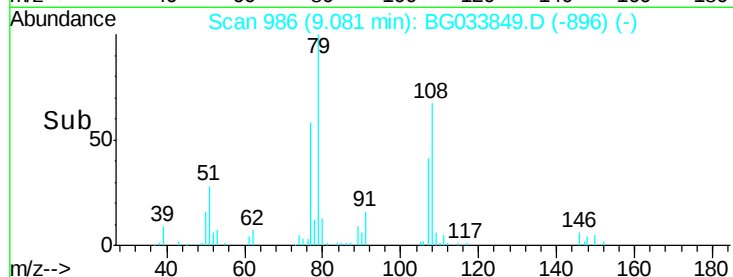
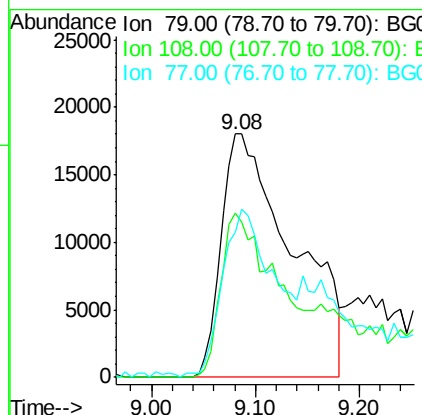
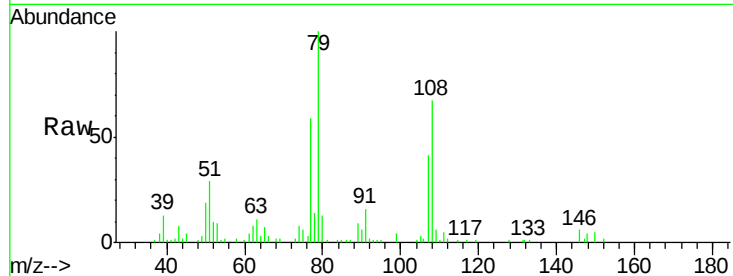
#15
Benzyl Alcohol
Concen: 36.773 ng/ml
RT: 9.08 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampled :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.3	57.2	85.8
77	59.5	46.1	69.1

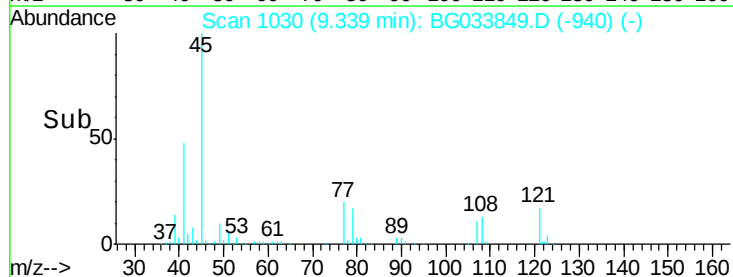
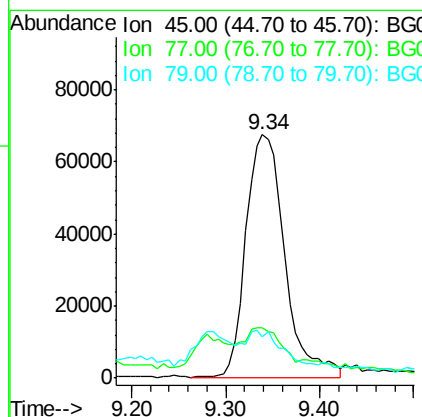
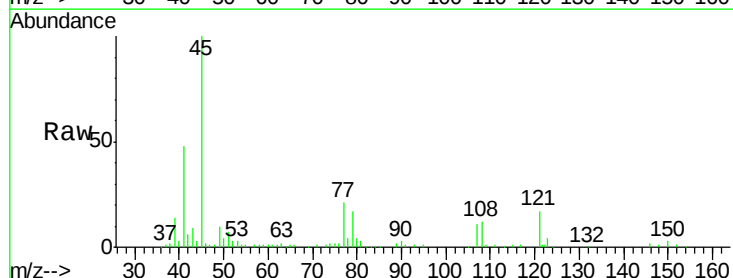
Manual Integrations
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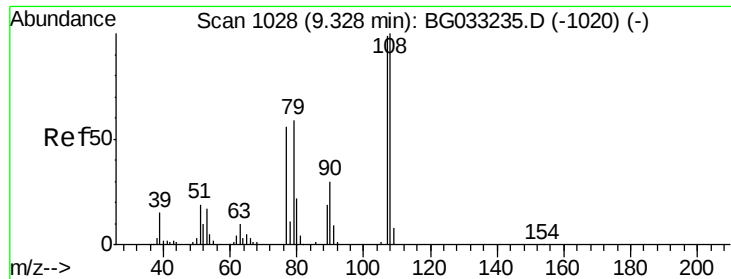
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 49.019 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.7	0.0	30.2
79	16.9	0.0	27.9





#17

2-Methylphenol

Concen: 36.850 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

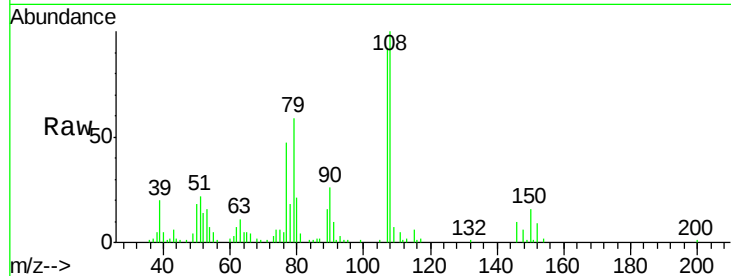
ClientSampleId :

RO-1-4MSD

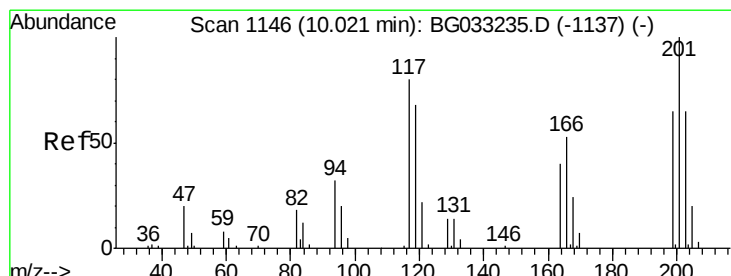
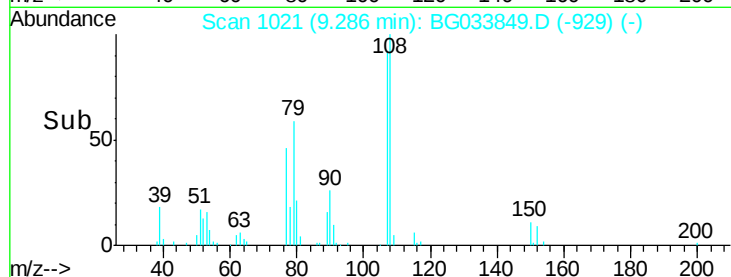
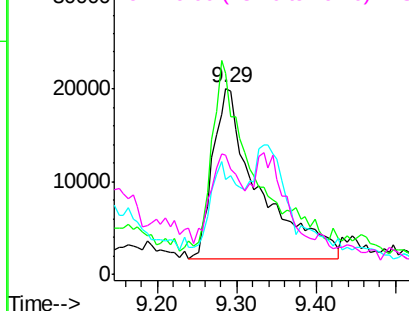
Tot Ion	107	Resp	73802
Ion	Ratio	Lower	Upper
107	100		
108	108.1	83.9	125.9
77	51.2	37.2	55.8
79	64.0	36.2	54.2#

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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: 49.944 ng

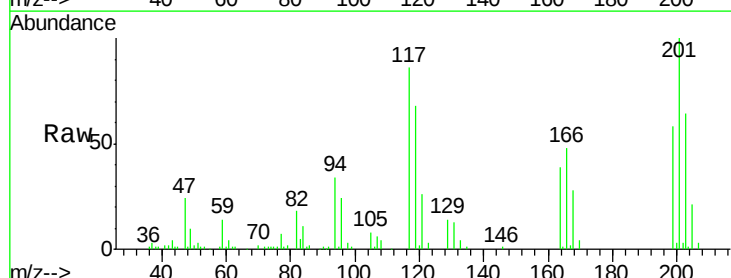
RT: 9.93 min Scan# 1131

Delta R.T. -0.00 min

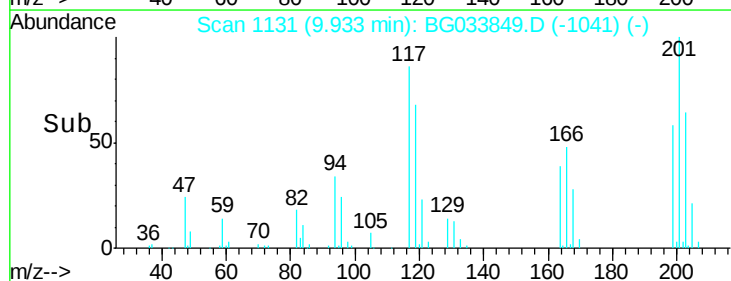
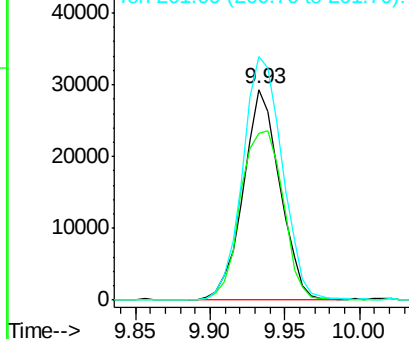
Lab File: BG033849.D

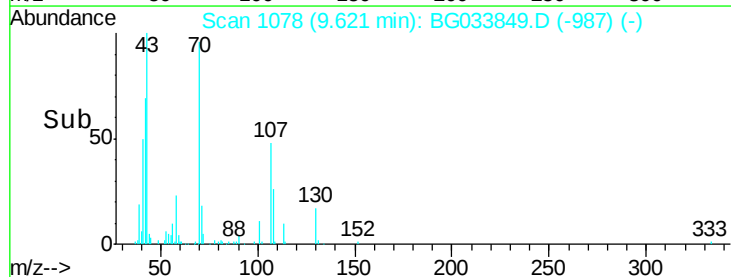
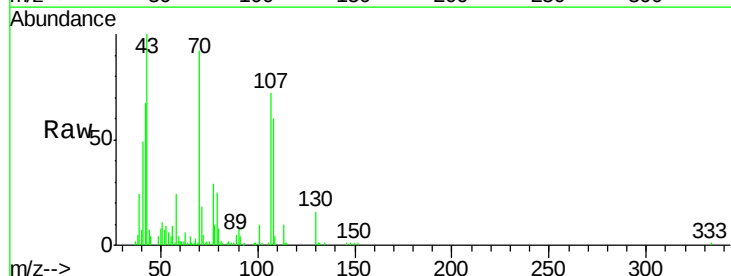
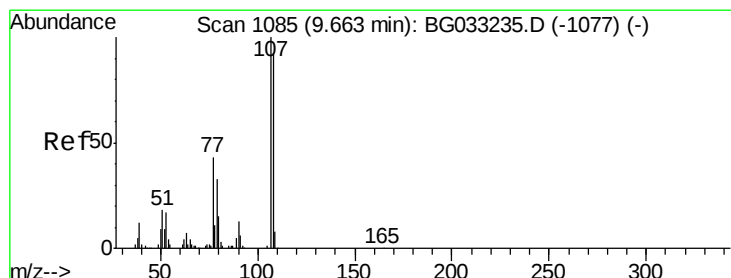
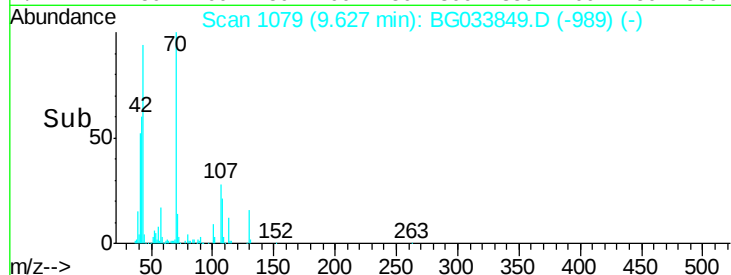
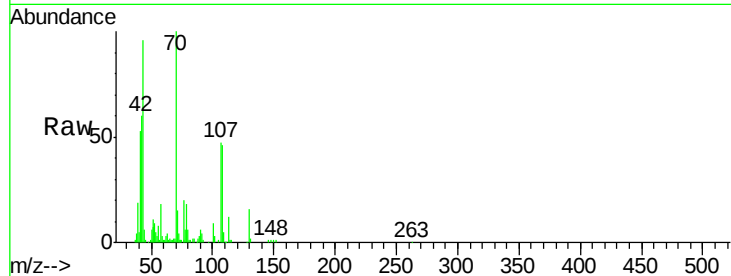
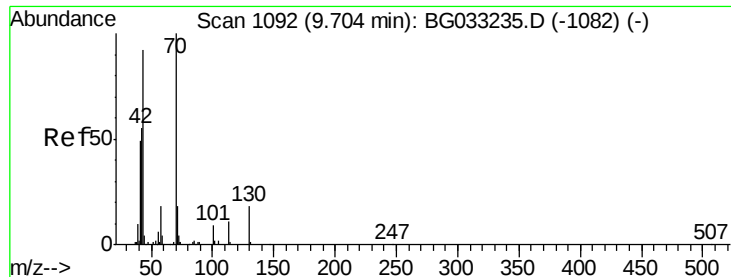
Acq: 17 Apr 2018 17:51

Tgt Ion	117	Resp	50005
Ion	Ratio	Lower	Upper
117	100		
119	79.3	76.7	115.1
201	115.8	95.7	143.5



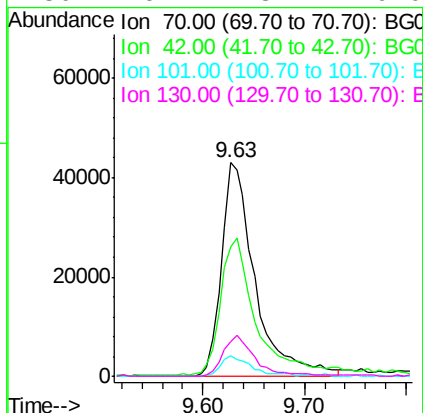
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.280 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		98801		
42	60.4	49.1	73.7		
101	9.4	8.5	12.7		
130	16.1	13.4	20.0		



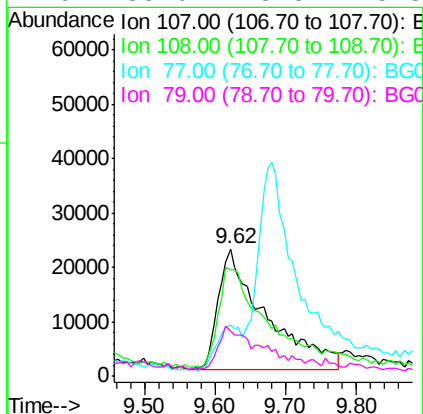
Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

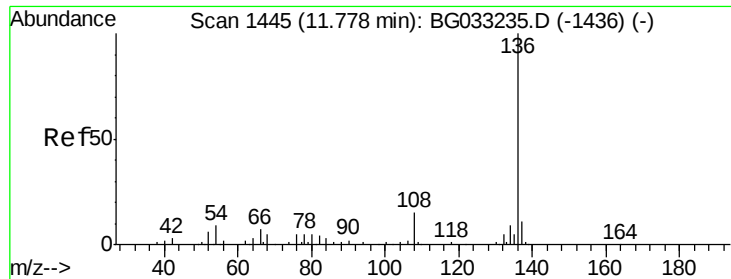
Manual Integrations
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#20
3+4-Methylphenols
Concen: 36.150 ng
RT: 9.62 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		103084		
108	83.1	61.6	101.6		
77	39.8	13.9	53.9		
79	35.0	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.71 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

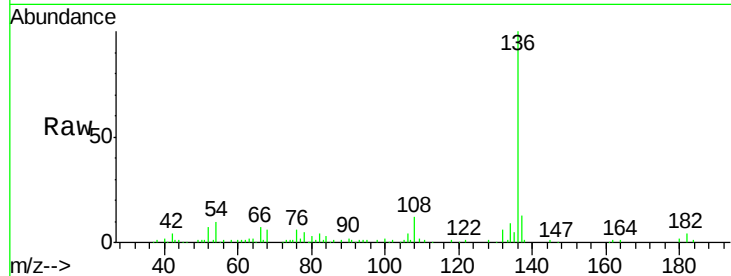
ClientSampleId :

RO-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	157496		
137	12.5	9.2	13.8	
54	10.2	10.3	15.5	
68	6.1	4.5	6.7	

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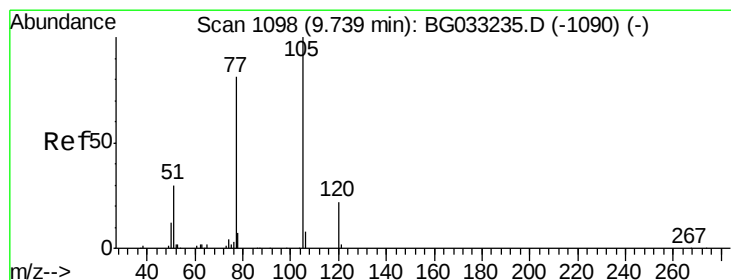
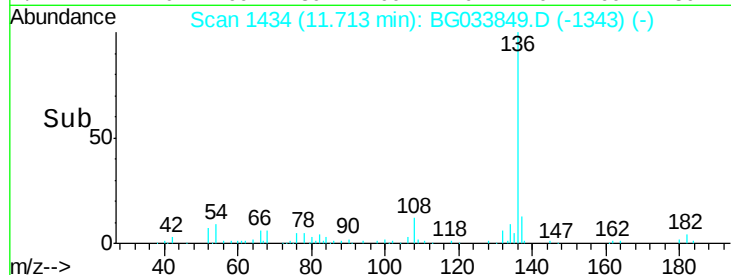
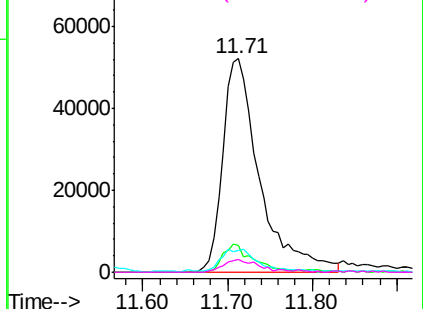


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.240 ng

RT: 9.68 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

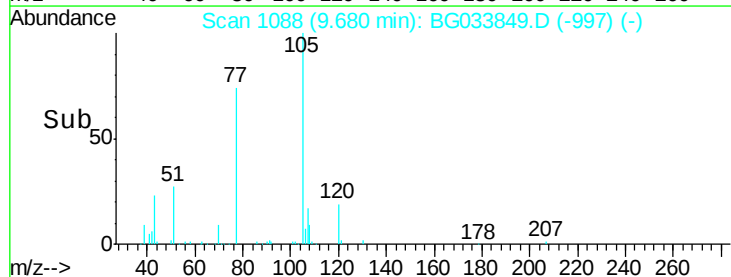
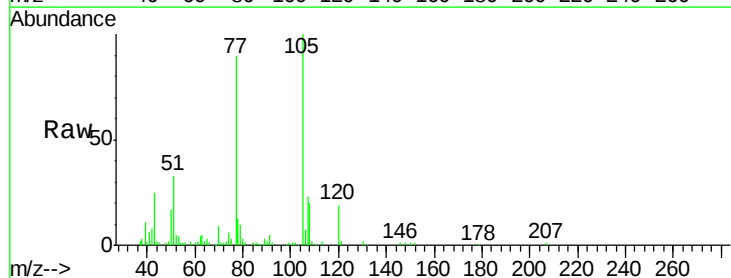
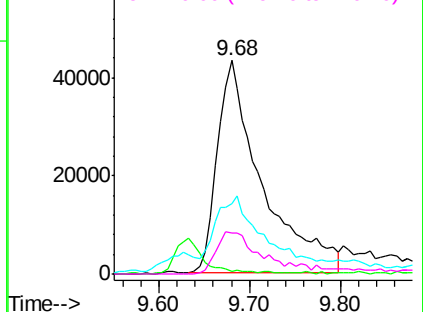
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	147740		
71	1.5	3.0	4.4	
51	33.0	26.1	39.1	
120	19.2	17.4	26.2	

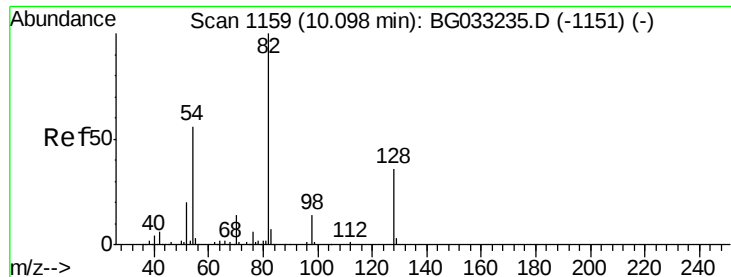
Abundance Ion 105.00 (104.70 to 105.70): E

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





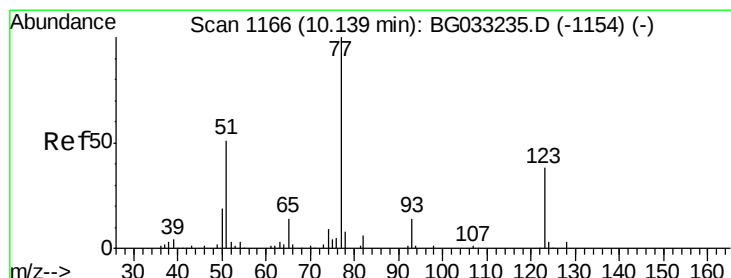
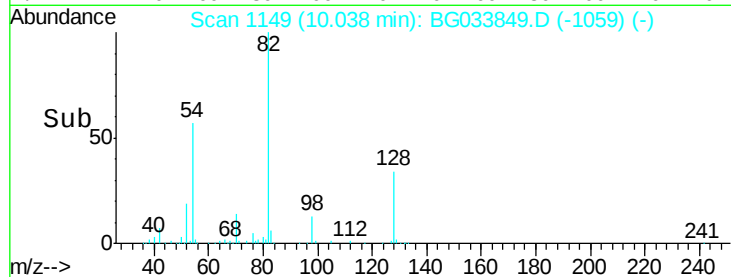
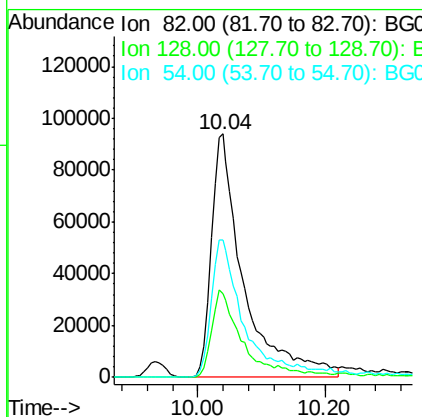
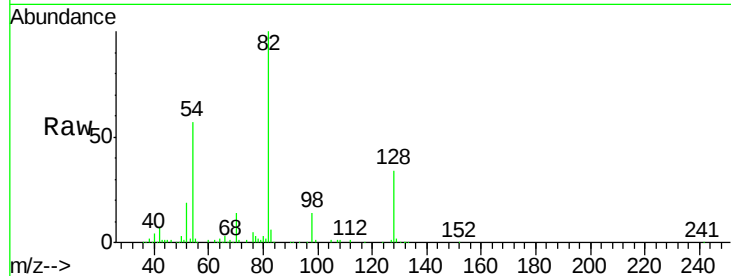
#23
 Nitrobenzene-d5
 Concen: 97.628 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	56.7	43.1	64.7

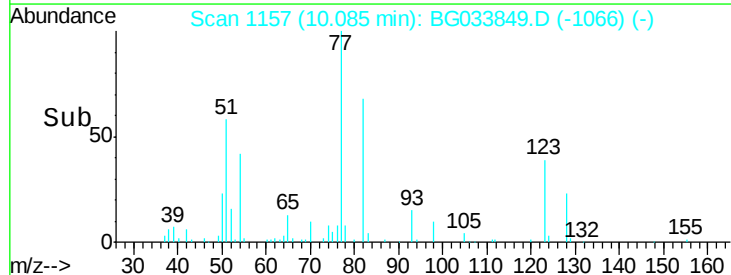
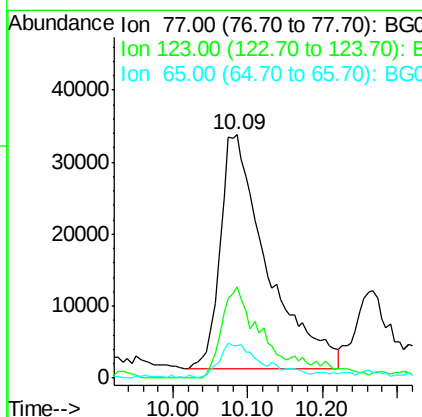
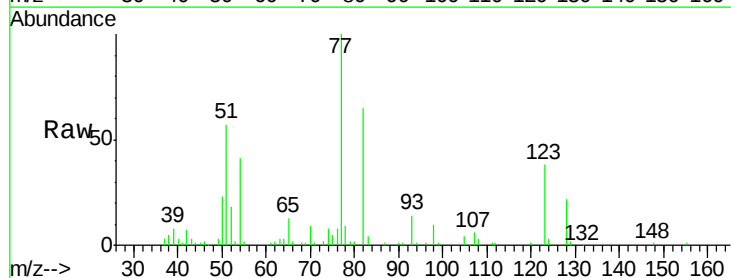
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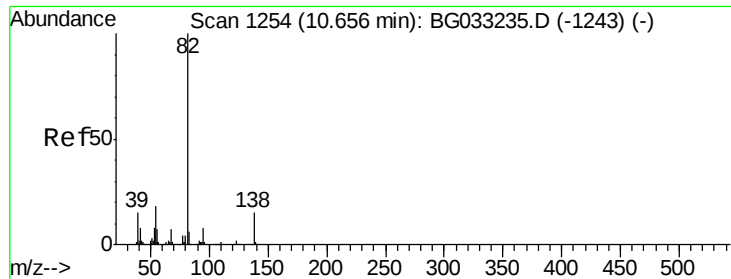
Sohil
 4/18/2018 3:03:41 PM



#24
 Nitrobenzene
 Concen: 38.589 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.6	33.0	49.6
65	13.1	13.0	19.6





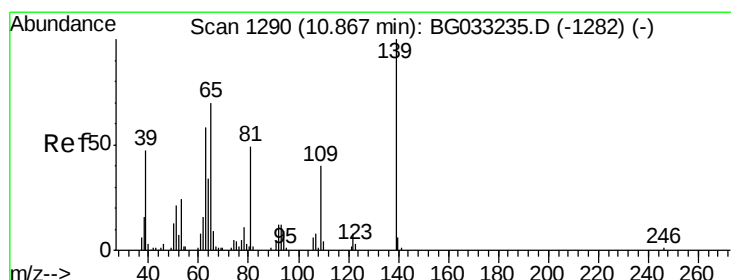
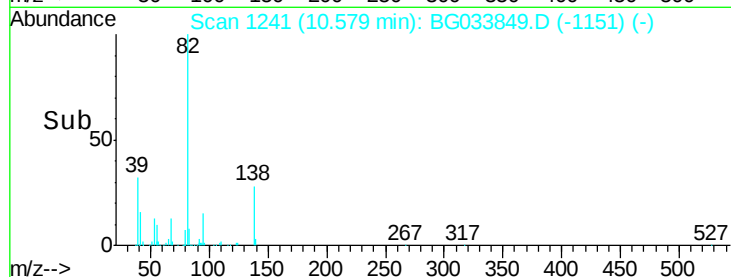
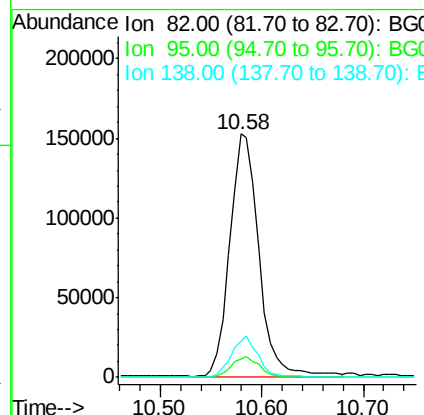
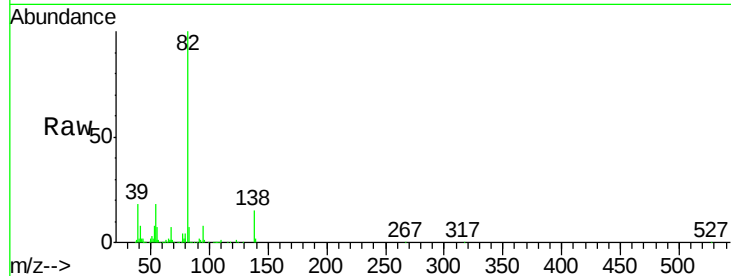
#25
Isophorone
Concen: 45.574 ng
RT: 10.58 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.2	9.2	
138	14.9	12.1	18.1	

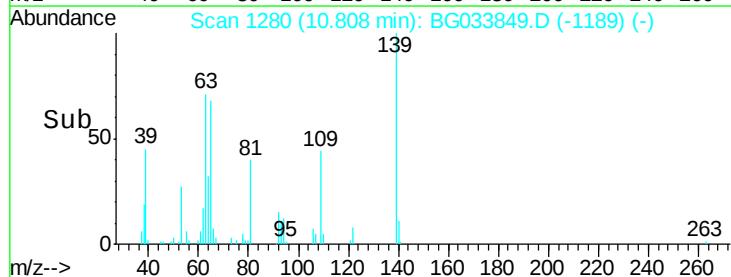
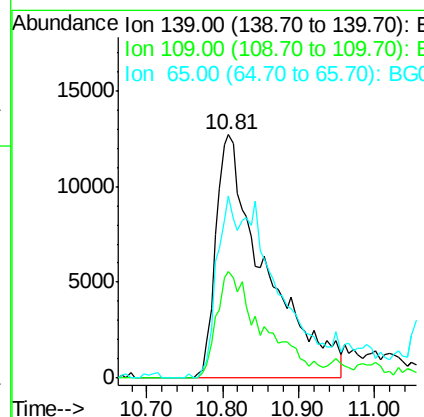
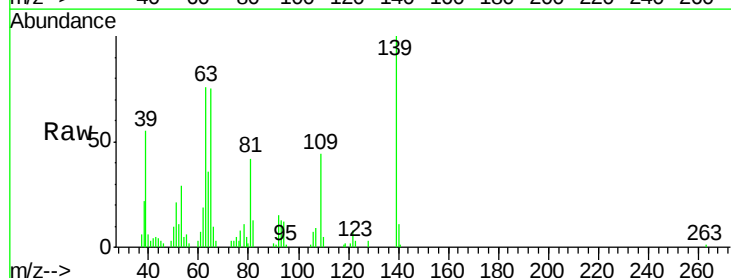
Manual Integrations
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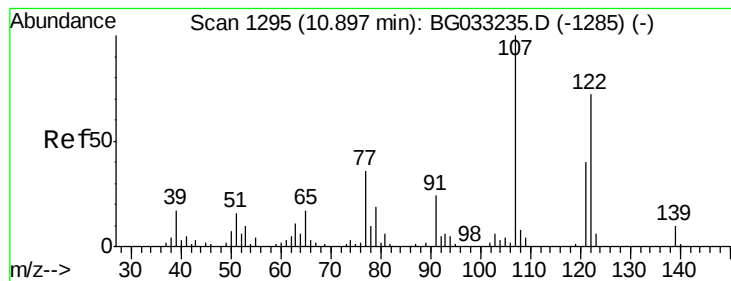
Sohil
4/18/2018 3:03:41 PM



#26
2-Nitrophenol
Concen: 41.269 ng m
RT: 10.81 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	43.8	24.2	36.2#	
65	75.0	47.4	71.0#	





#27

2,4-Dimethylphenol

Concen: 45.667 ng/mL

RT: 10.84 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

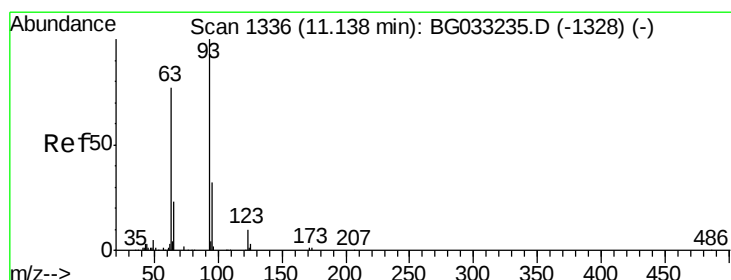
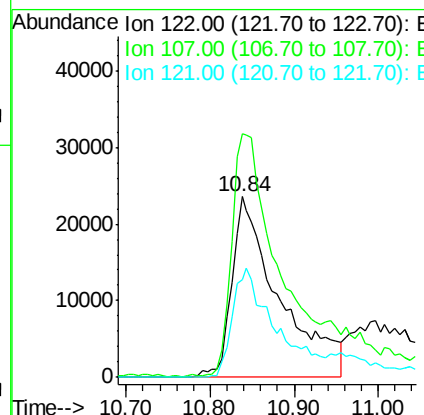
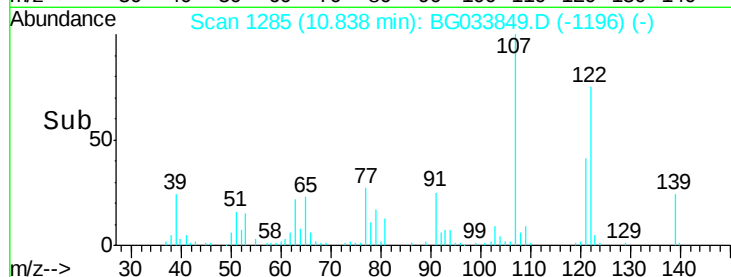
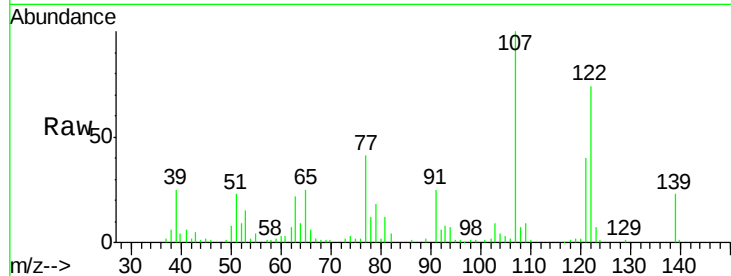
ClientSampleId :

RO-1-4MSD

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	134.8	100.2	150.2	
121	53.9	44.4	66.6	

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 40.778 ng/mL

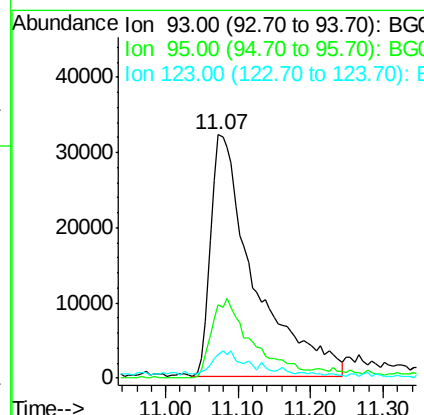
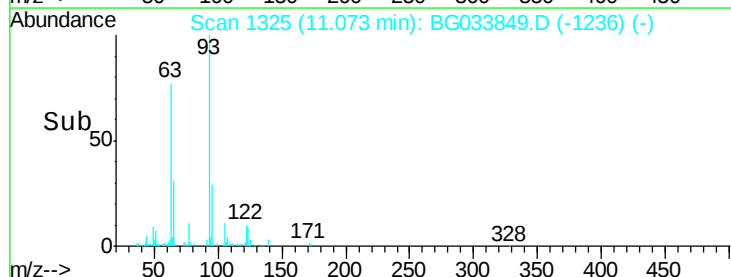
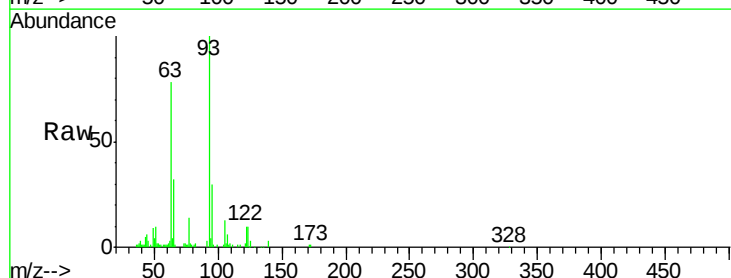
RT: 11.07 min Scan# 1325

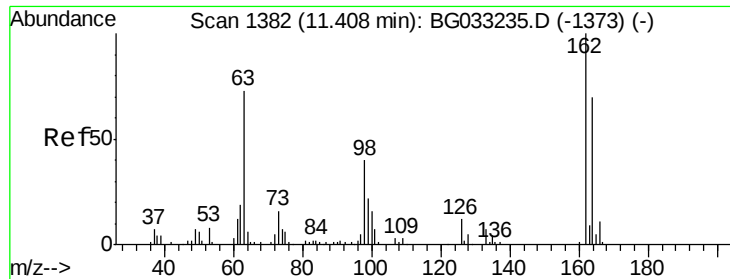
Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	29.9	24.3	36.5	
123	9.9	8.4	12.6	





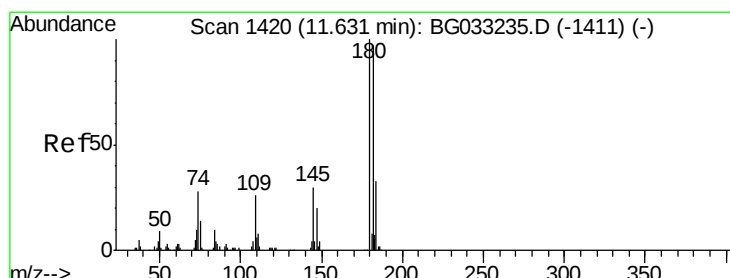
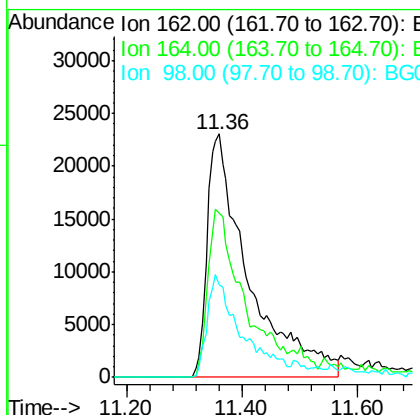
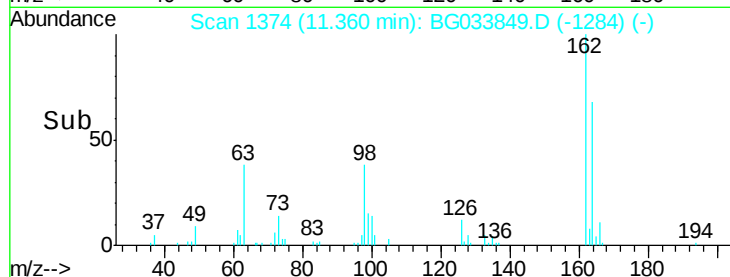
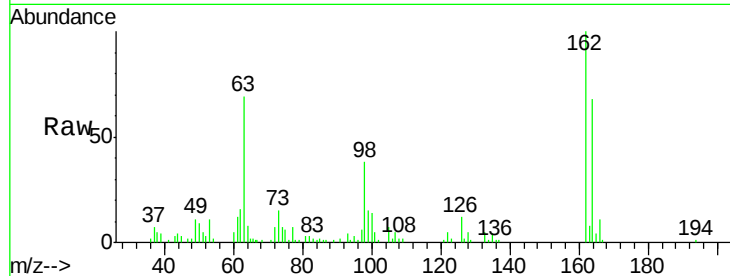
#29
2,4-Dichlorophenol
Concen: 46.303 ng
RT: 11.36 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	48.0	88.0
98	38.1	21.1	61.1

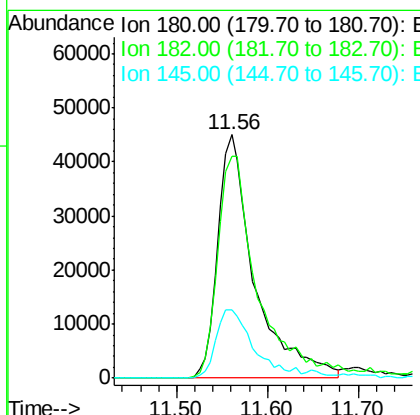
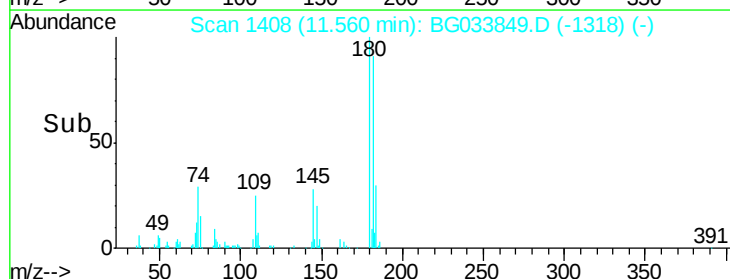
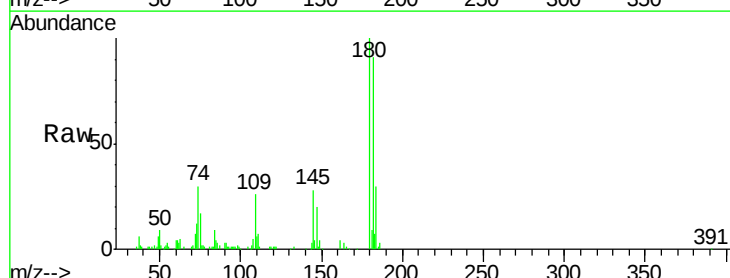
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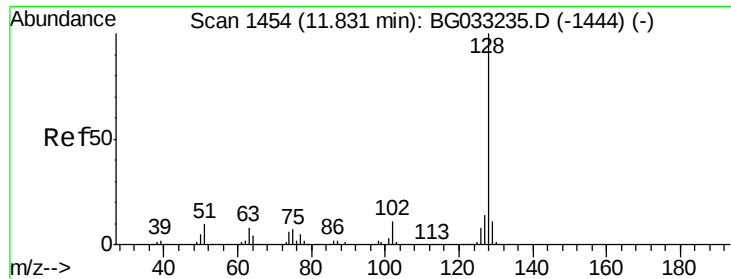
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.289 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	77.5	116.3
145	27.9	23.4	35.2





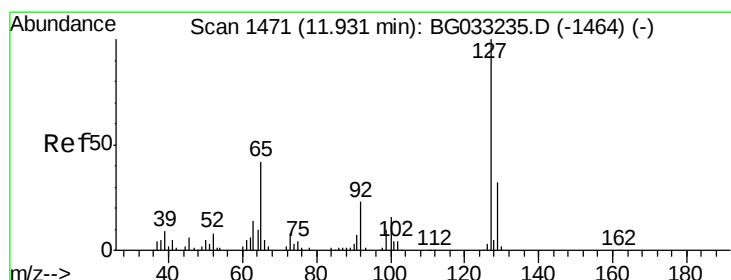
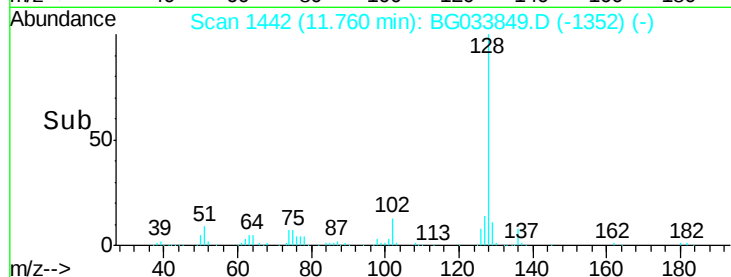
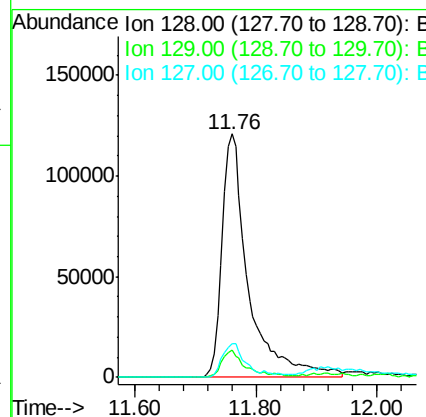
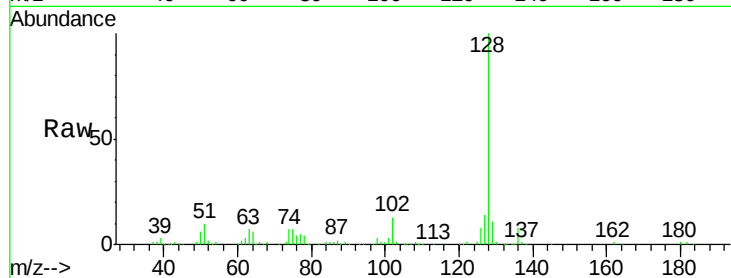
#31
Naphthalene
Concen: 45.036 ng
RT: 11.76 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.8	11.6	17.4

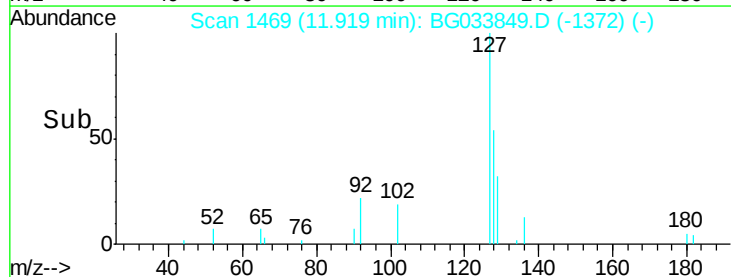
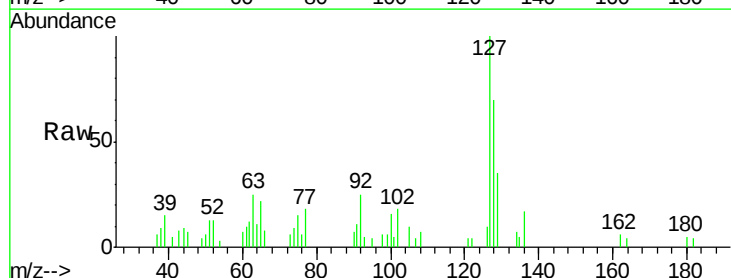
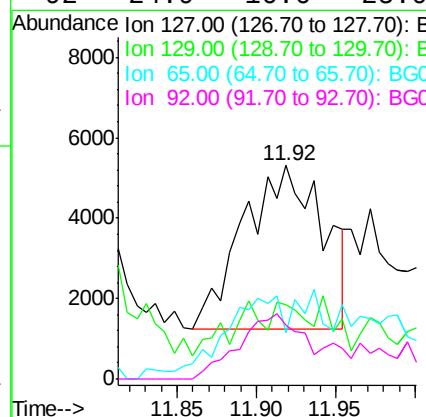
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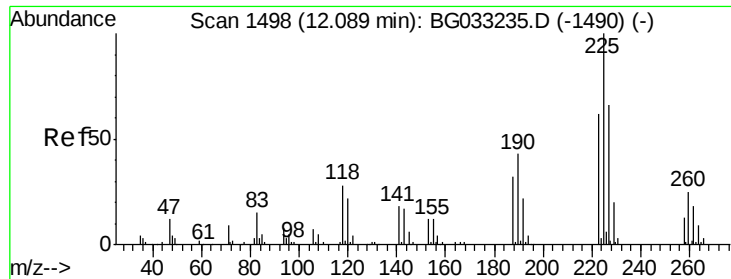
Sohil
4/18/2018 3:03:41 PM



#33
4-Chloroaniline
Concen: 3.912 ng
RT: 11.92 min Scan# 1469
Delta R.T. 0.04 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.7	24.0	36.0
65	21.6	27.0	40.4
92	24.9	16.6	25.0





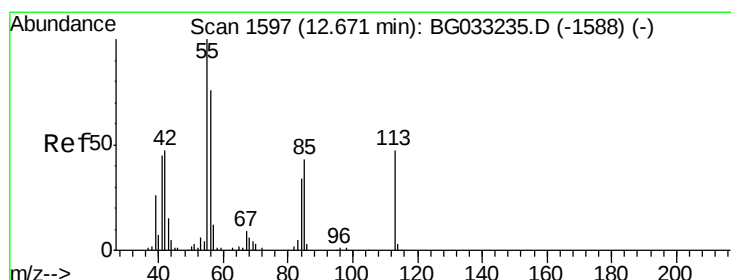
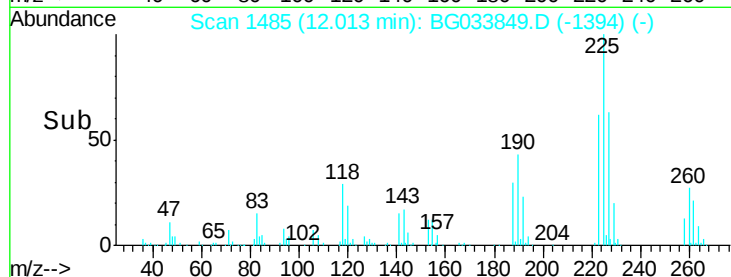
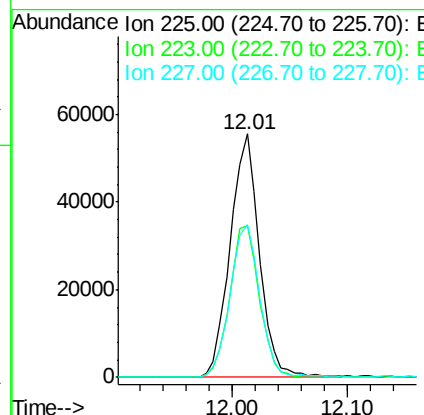
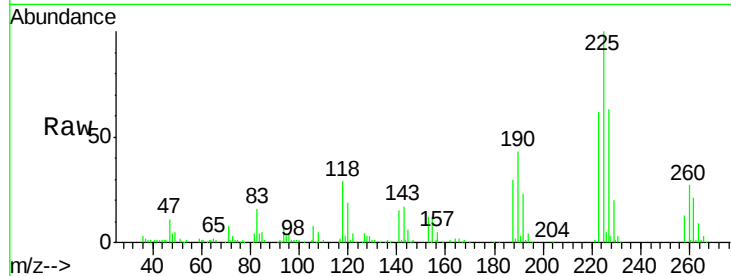
#34
Hexachlorobutadiene
Concen: 39.861 ng
RT: 12.01 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	65.9	48.1	72.1

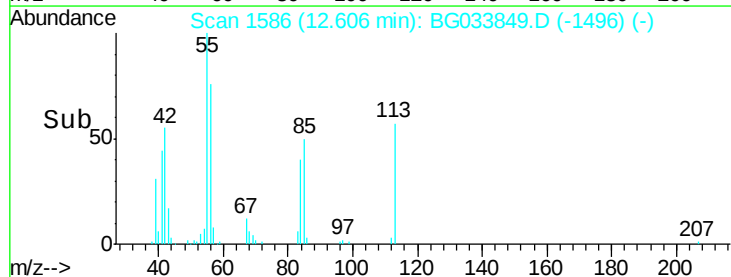
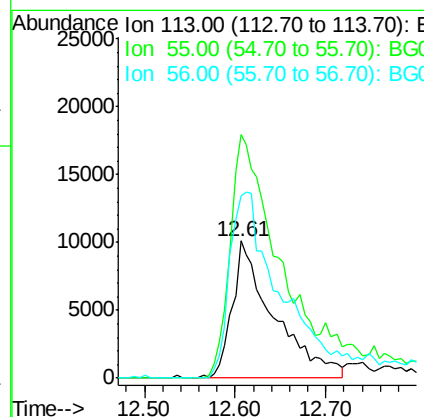
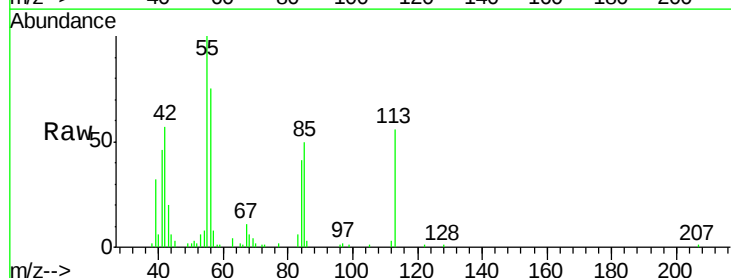
Manual Integrations
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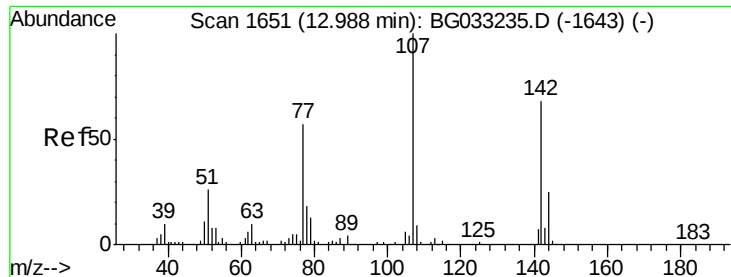
Sohil
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#35
Caprolactam
Concen: 33.125 ng
RT: 12.61 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
113	100		
55	178.0	186.9	226.9#
56	132.9	130.9	170.9





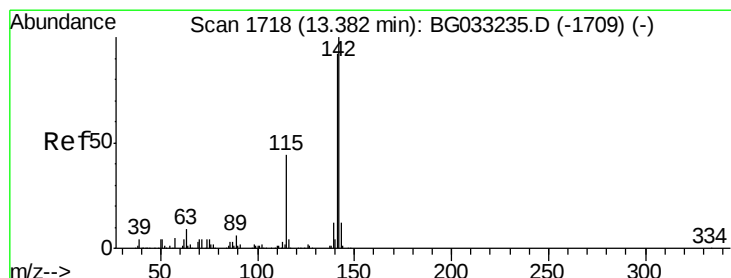
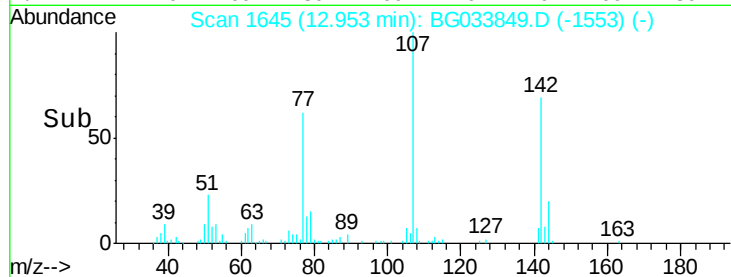
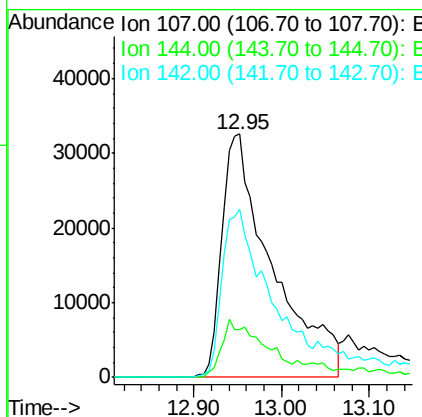
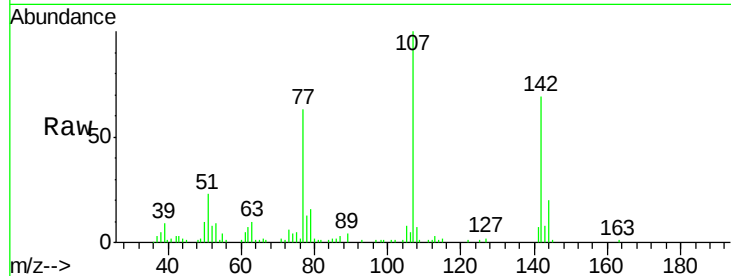
#36
 4-Chloro-3-methylphenol
 Concen: 39.774 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. 0.01 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

Tot Ion:	107	Resp:	128744
Ion Ratio	Lower	Upper	
107	100		
144	19.6	18.2	27.4
142	69.0	59.0	88.4

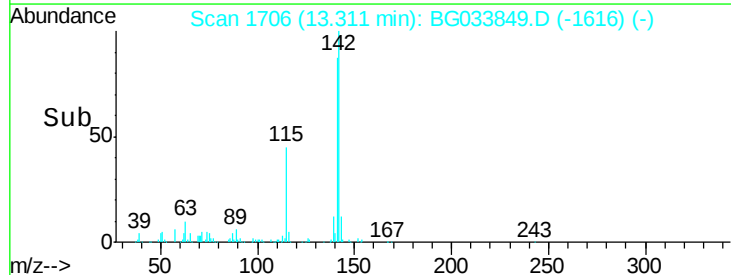
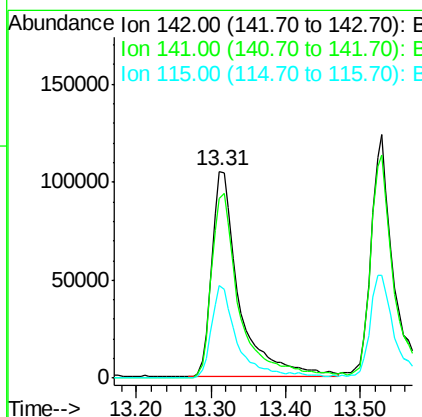
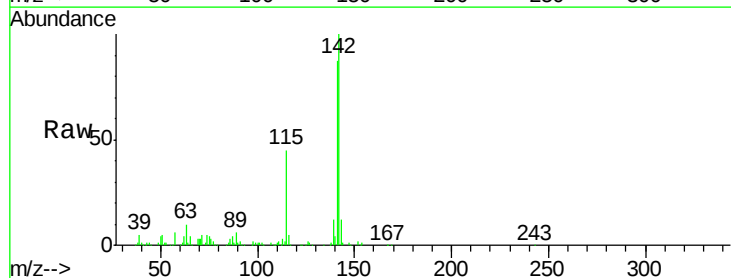
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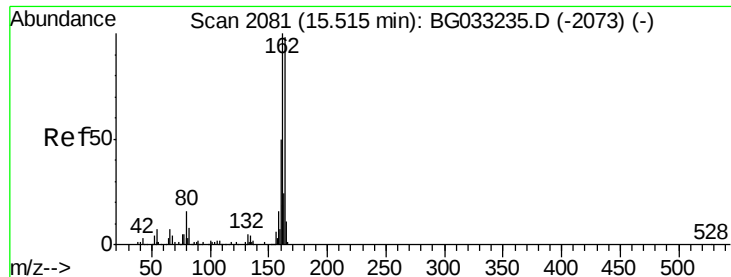
Sohil
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#37
 2-Methylnaphthalene
 Concen: 42.001 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion:	142	Resp:	266062
Ion Ratio	Lower	Upper	
142	100		
141	87.1	67.1	100.7
115	44.6	30.7	46.1





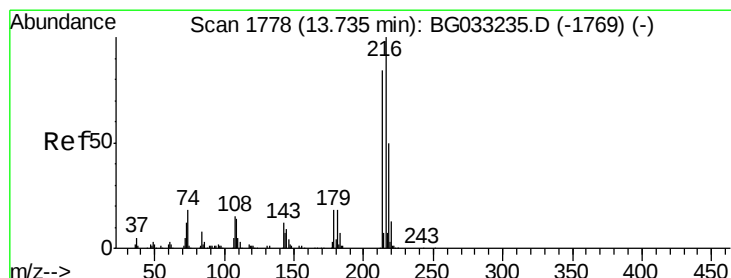
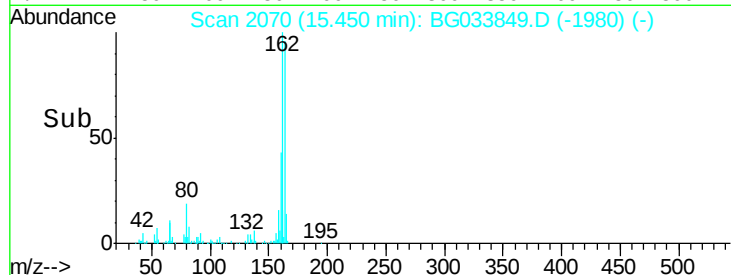
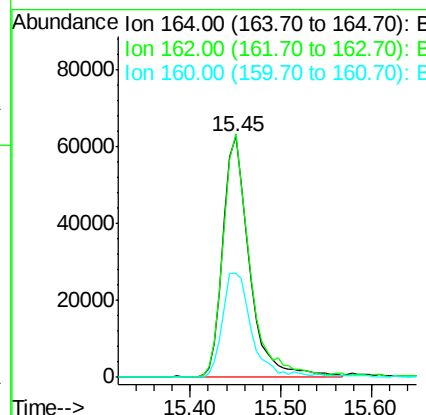
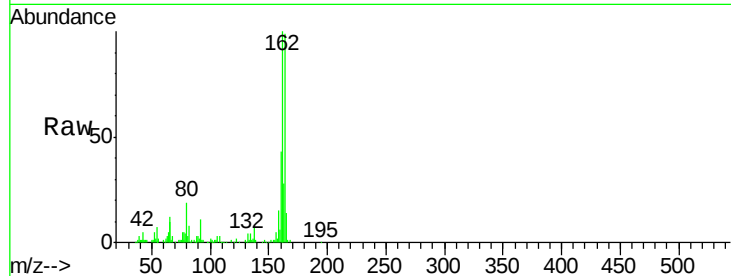
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	43.1	35.4	53.0

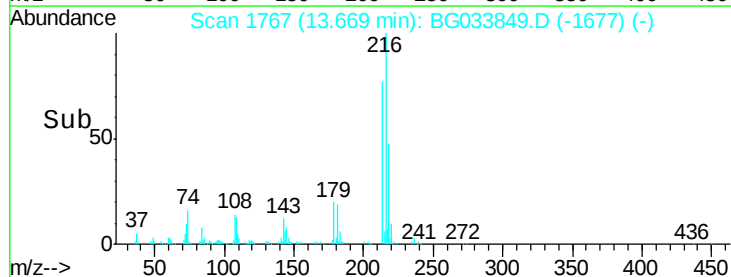
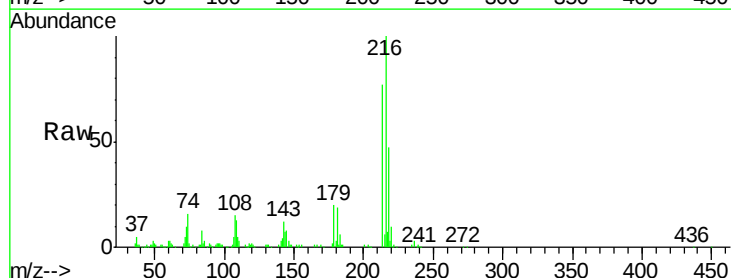
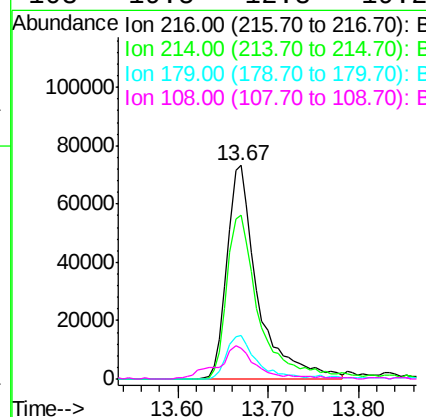
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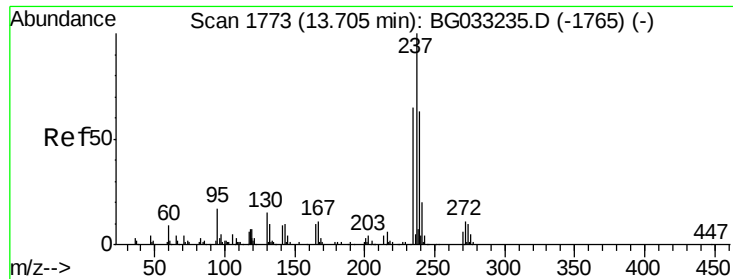
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.287 ng
RT: 13.67 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	19.6	17.0	25.6
108	19.5	12.8	19.2#





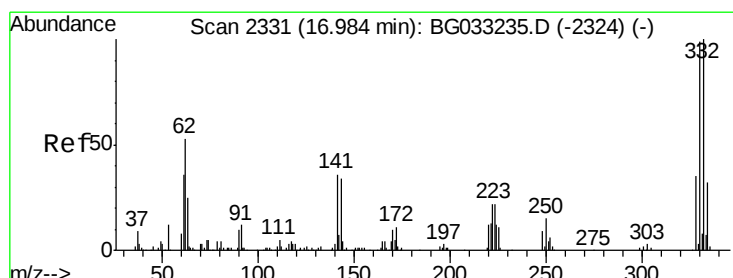
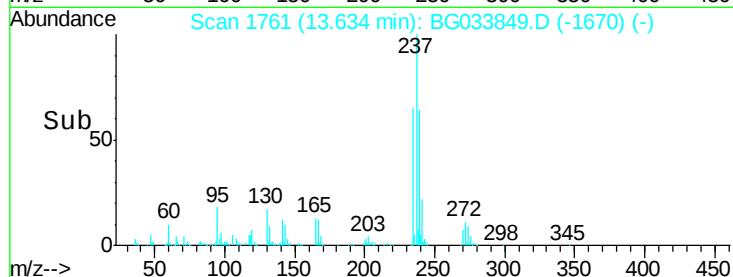
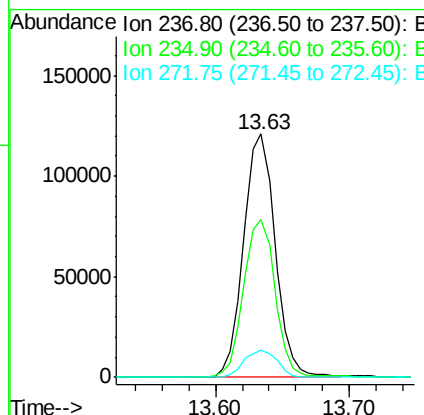
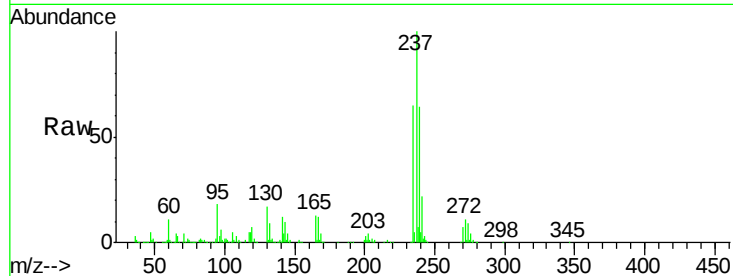
#40
Hexachlorocyclopentadiene
Concen: 72.883 ng
RT: 13.63 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion:	237	Resp:	197762
Ion Ratio	Lower	Upper	
237	100		
235	64.8	50.4	90.4
272	11.2	0.0	31.8

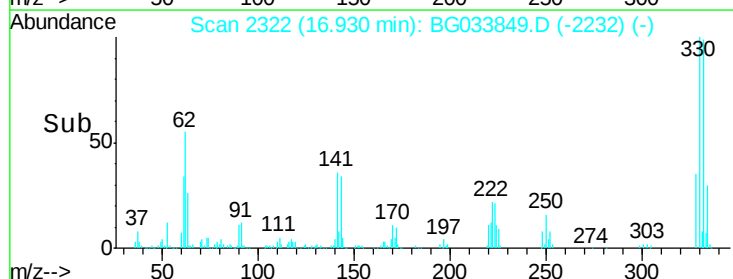
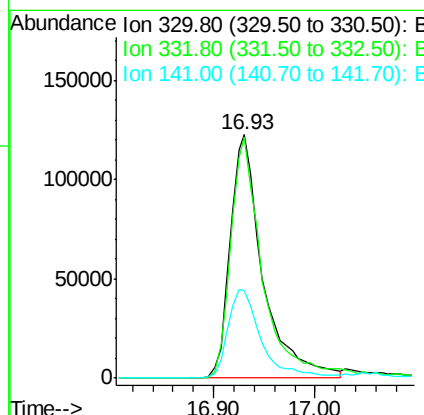
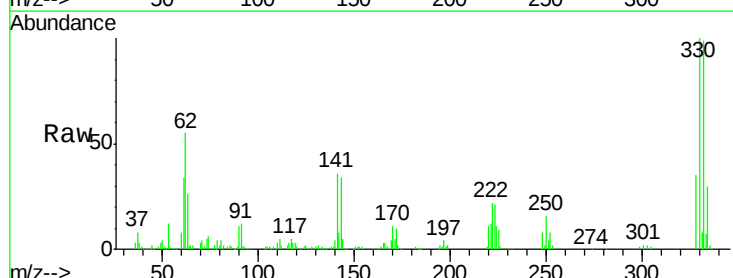
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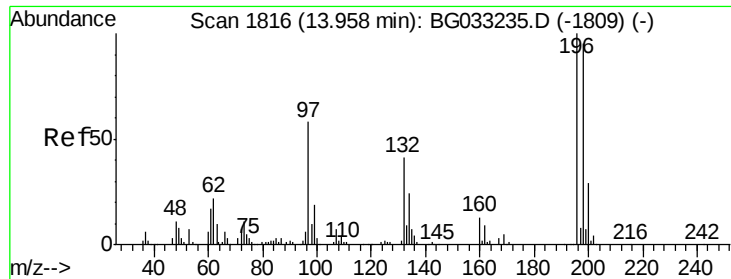
Sohil
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#41
2,4,6-Tribromophenol
Concen: 143.314 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion:	330	Resp:	273892
Ion Ratio	Lower	Upper	
330	100		
332	99.2	77.0	115.6
141	36.7	25.2	37.8





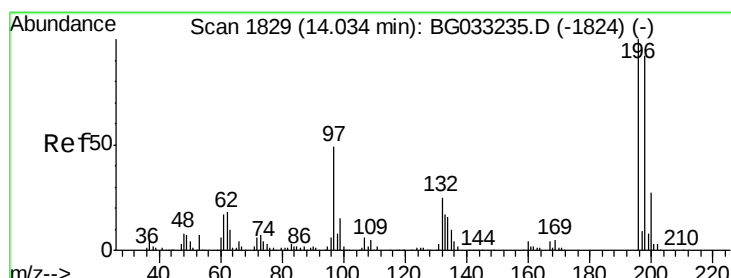
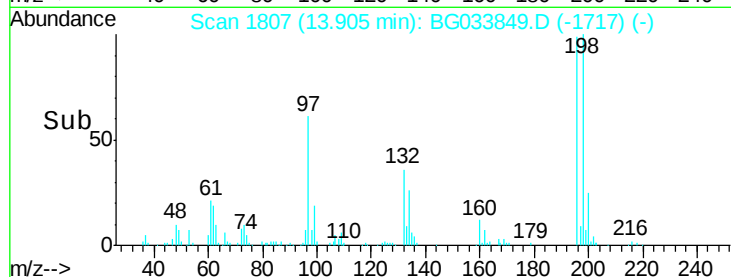
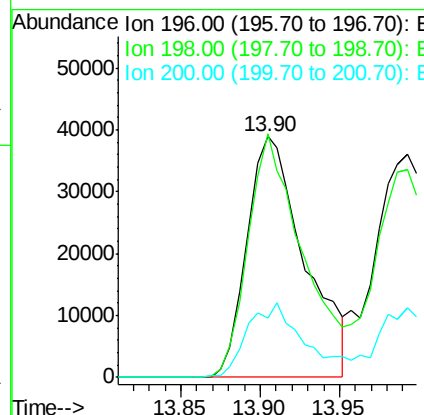
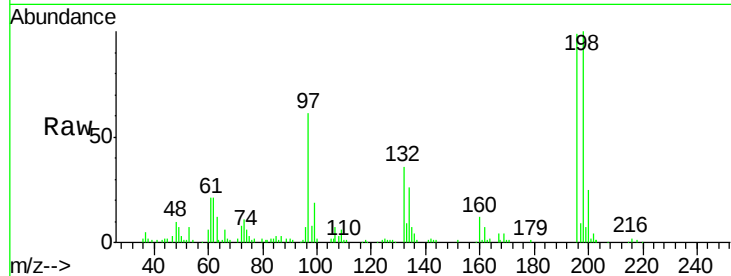
#42
2,4,6-Trichlorophenol
Concen: 36.555 ng
RT: 13.90 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampled :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.0	78.2	117.2
200	24.9	24.6	36.8

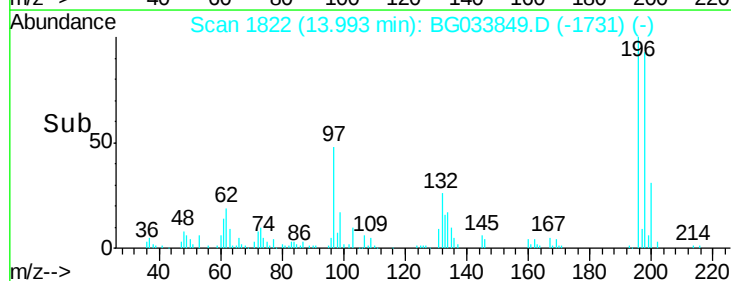
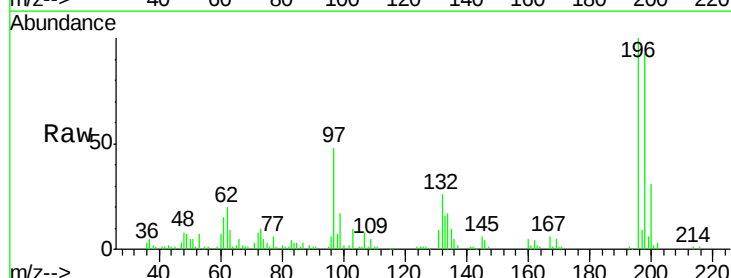
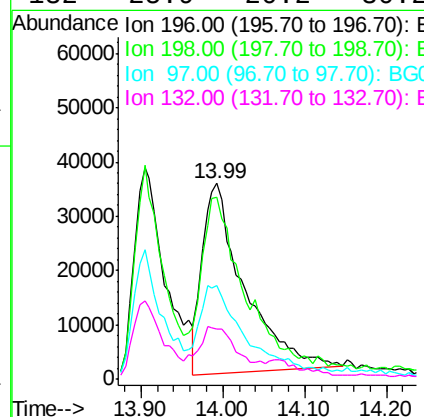
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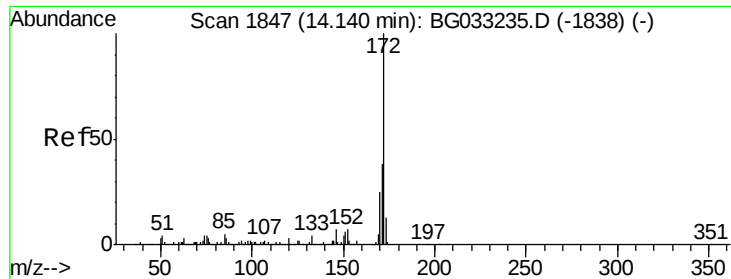
Sohil
4/18/2018 3:03:41 PM



#43
2,4,5-Trichlorophenol
Concen: 39.490 ng
RT: 13.99 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.2	114.4
97	47.7	38.7	58.1
132	25.9	20.2	30.2





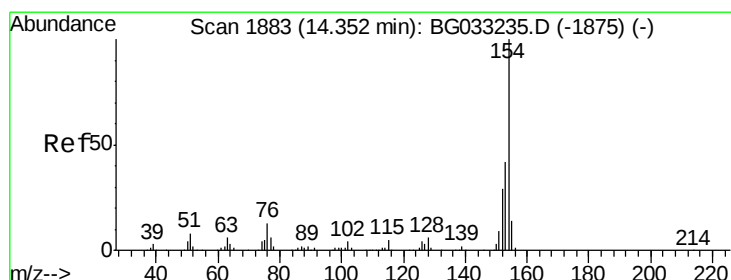
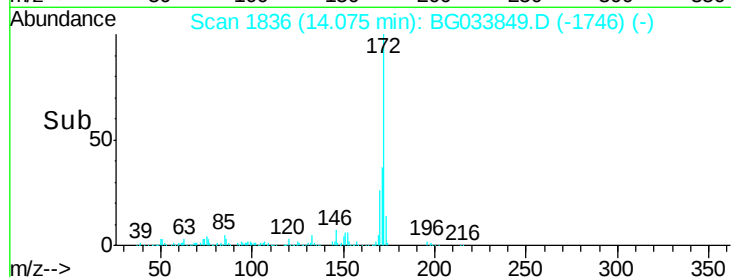
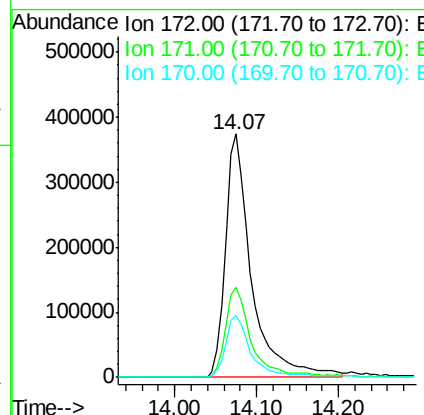
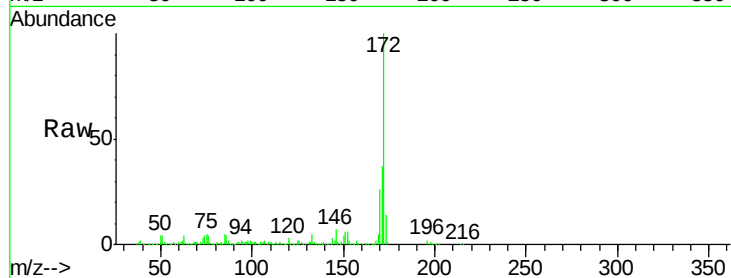
#44
2-Fluorobiphenyl
Concen: 93.898 ng
RT: 14.07 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	25.6	19.5	29.3

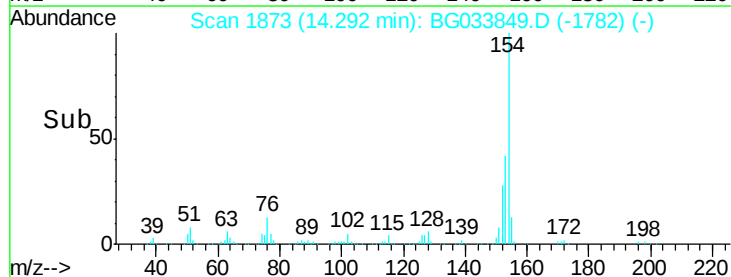
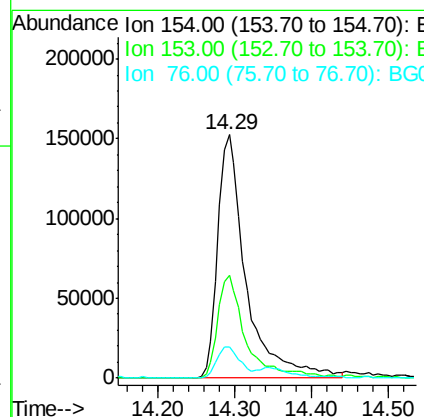
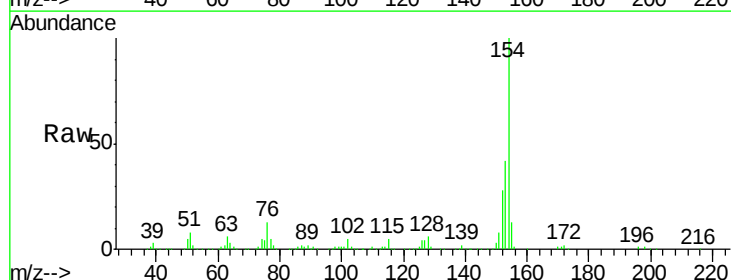
Manual Integrations
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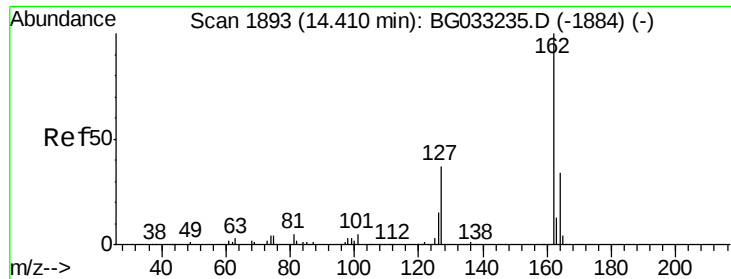
Sohil
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#45
1,1'-Biphenyl
Concen: 39.531 ng
RT: 14.29 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	12.7	0.0	31.9





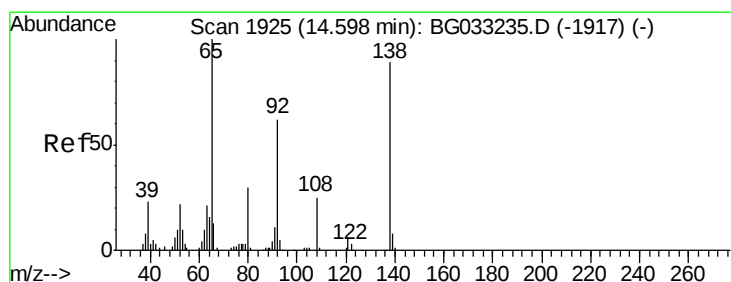
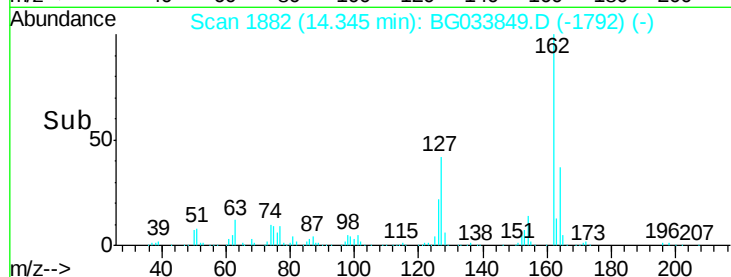
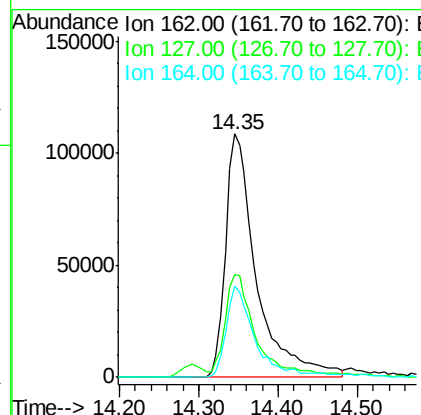
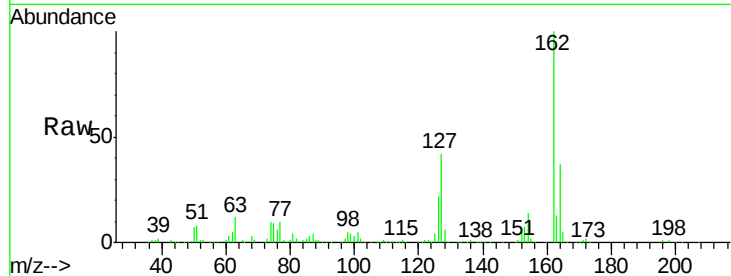
#46
2-Chloronaphthalene
Concen: 38.788 ng
RT: 14.35 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampled :
RO-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	293609		
127	42.2	30.7	46.1	
164	37.3	26.0	39.0	

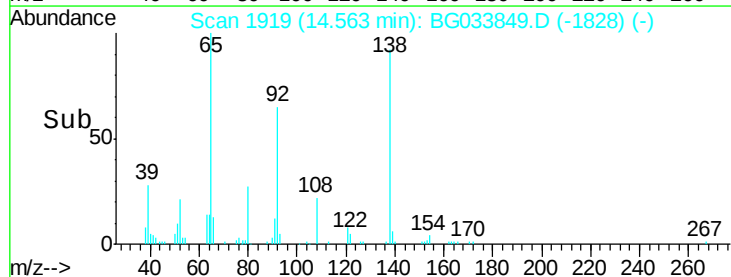
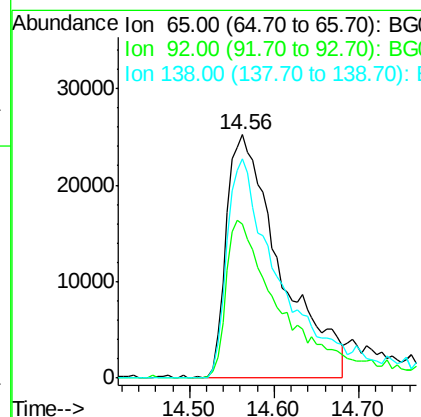
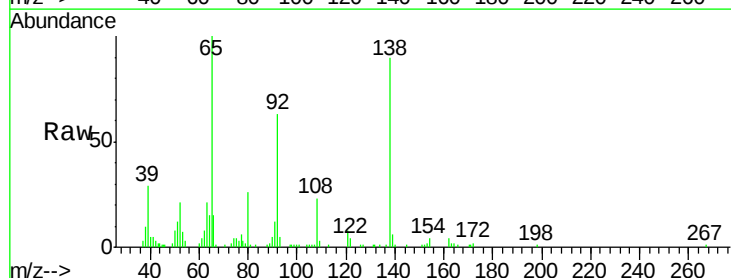
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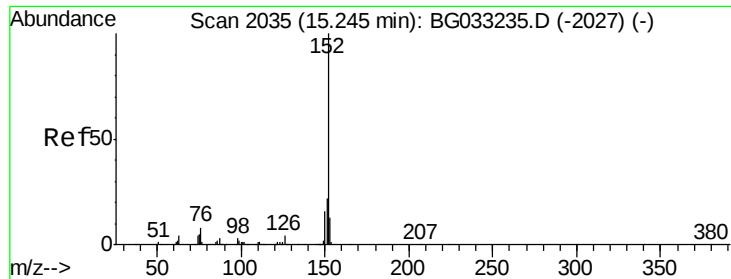
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#47
2-Nitroaniline
Concen: 39.403 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	111715		
92	63.4	54.6	82.0	
138	89.9	72.9	109.3	





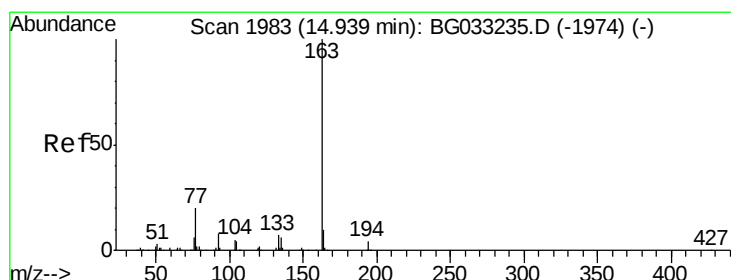
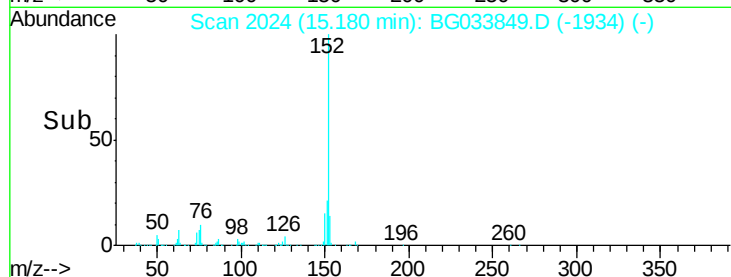
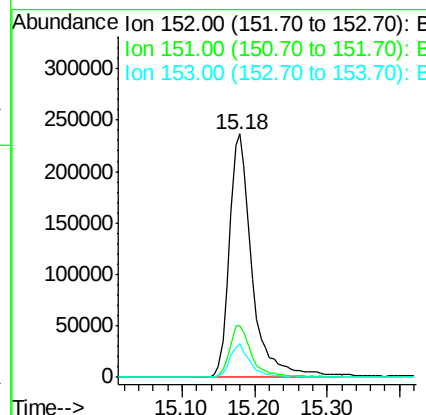
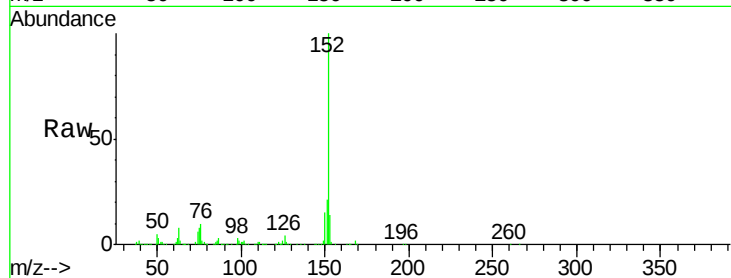
#48
Acenaphthylene
Concen: 40.489 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.7	10.2	15.4

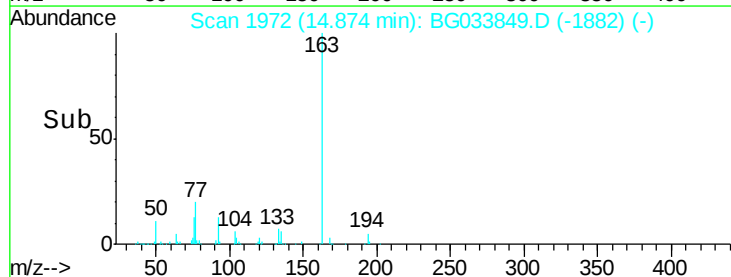
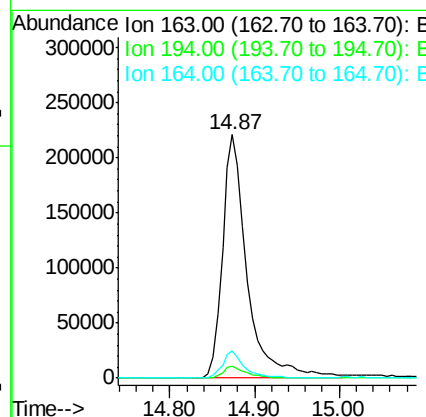
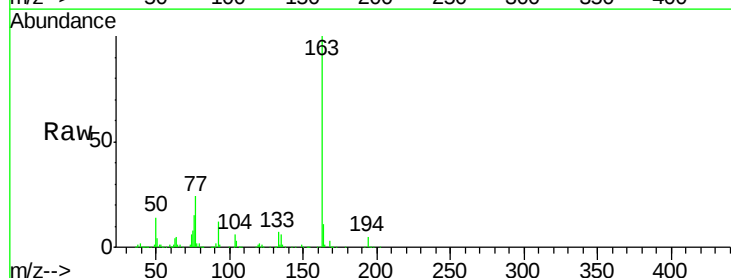
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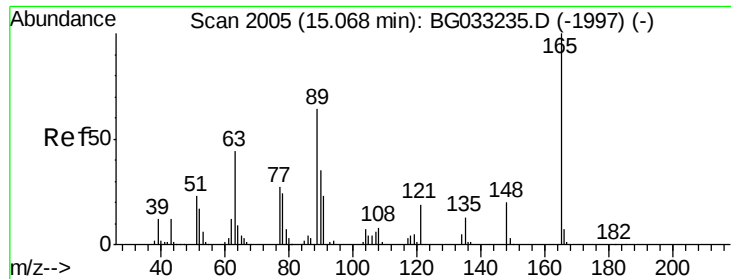
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#49
Dimethylphthalate
Concen: 40.392 ng
RT: 14.87 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	11.3	8.2	12.4





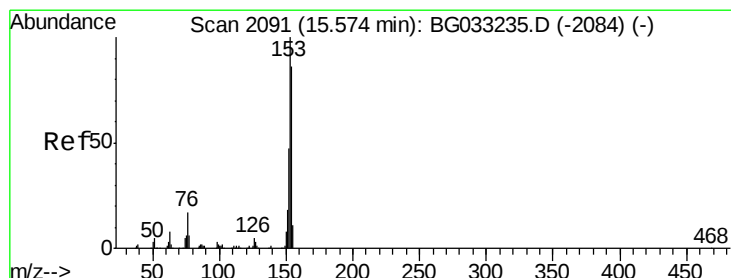
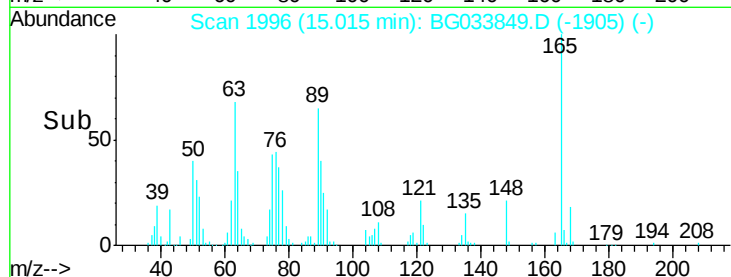
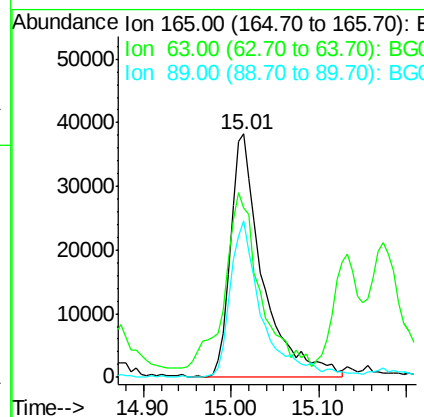
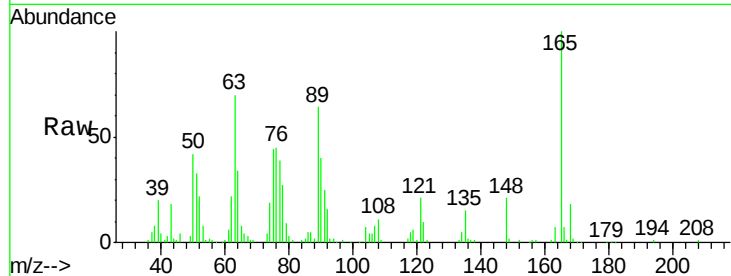
#50
2,6-Dinitrotoluene
Concen: 42.274 ng
RT: 15.01 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.7	52.7	79.1
89	64.3	49.2	73.8

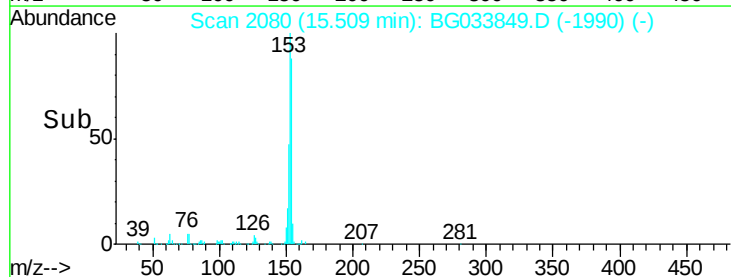
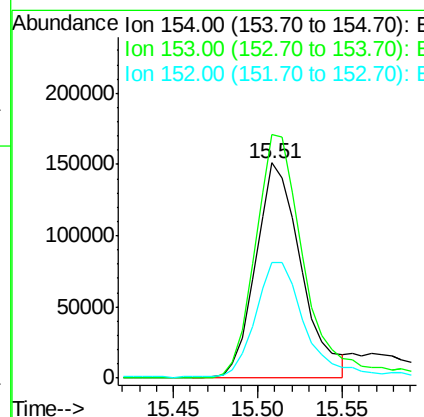
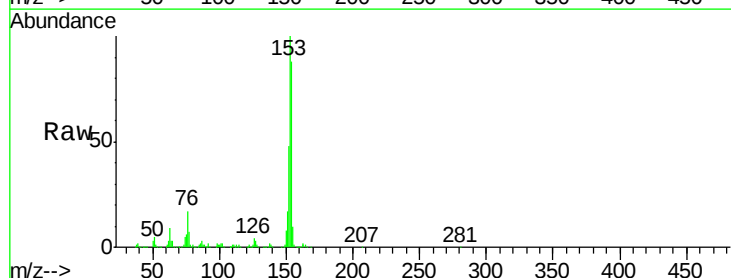
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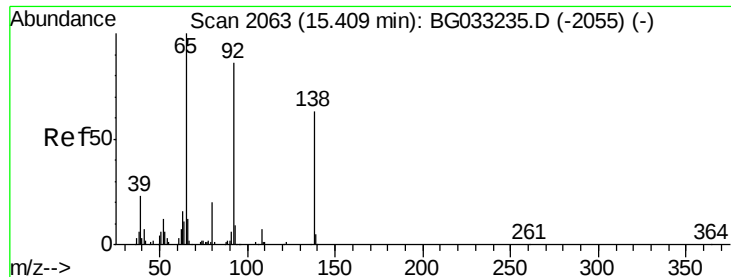
Sohil
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#51
Acenaphthene
Concen: 34.652 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.4	135.6
152	53.9	41.6	62.4





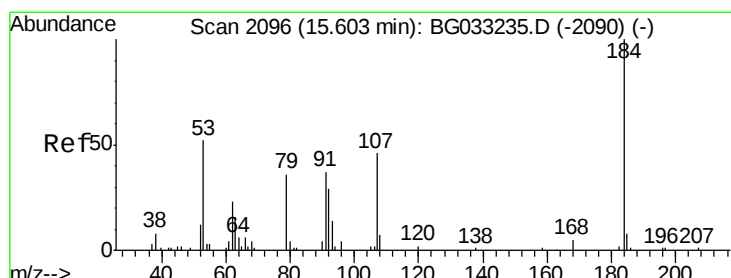
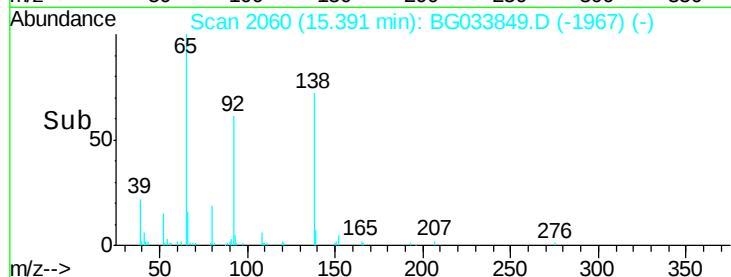
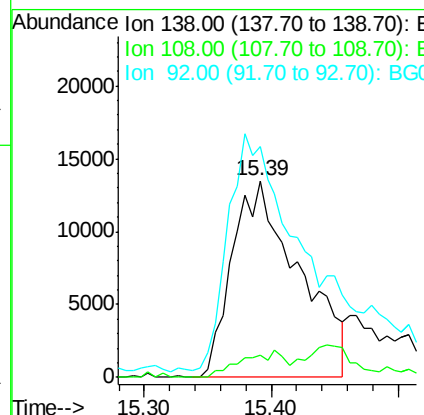
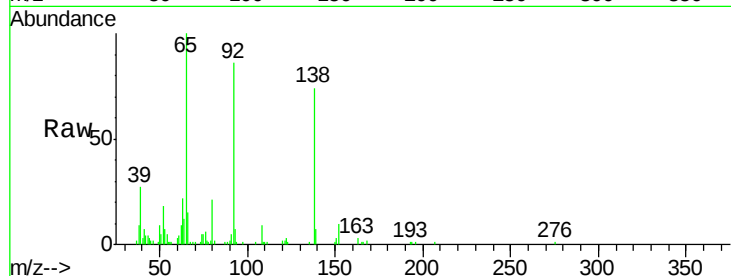
#52
 3-Nitroaniline
 Concen: 20.679 ng
 RT: 15.39 min Scan# 2060
 Delta R.T. 0.01 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

Tot Ion:138 Resp: 49296
 Ion Ratio Lower Upper
 138 100
 108 11.6 17.5 26.3#
 92 117.0 105.8 158.8

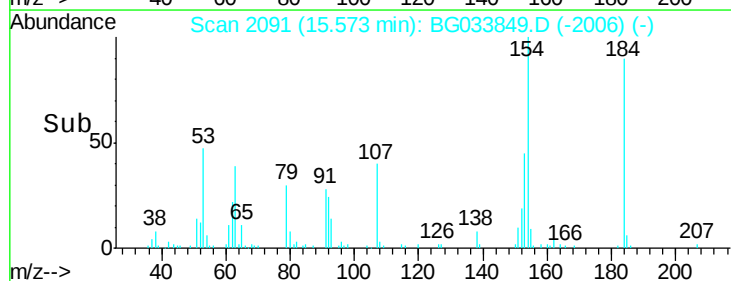
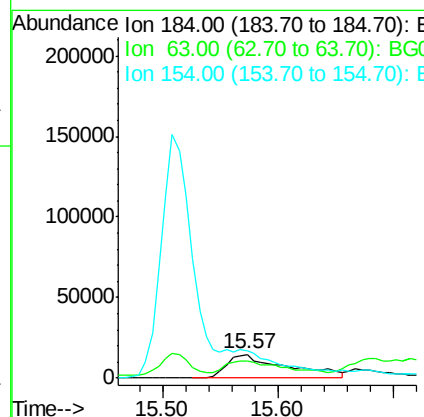
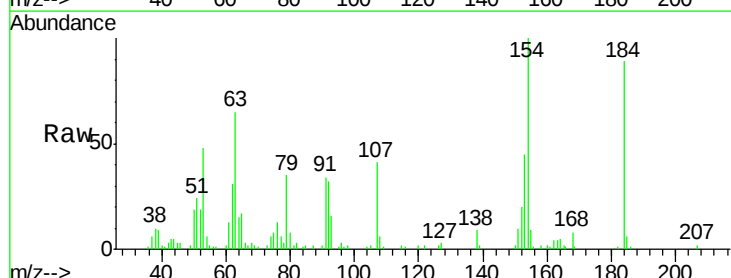
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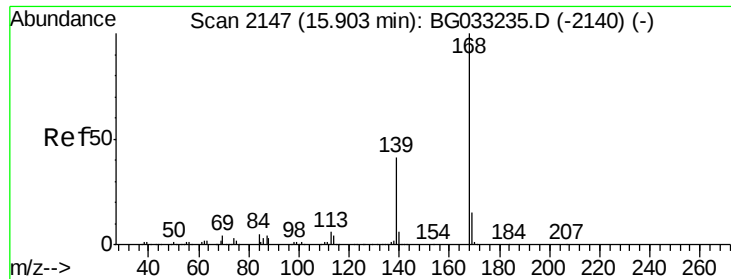
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#53
 2,4-Dinitrophenol
 Concen: 48.817 ng
 RT: 15.57 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion:184 Resp: 53605
 Ion Ratio Lower Upper
 184 100
 63 73.2 59.8 89.8
 154 112.4 101.8 152.8





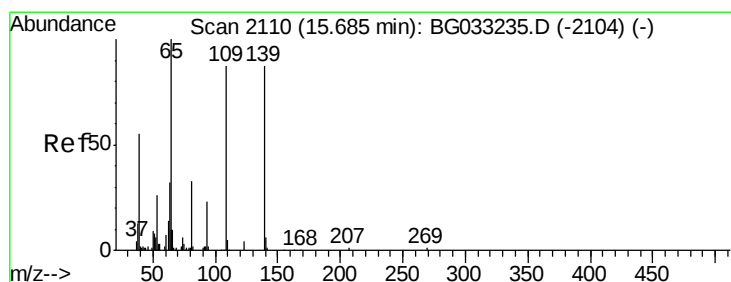
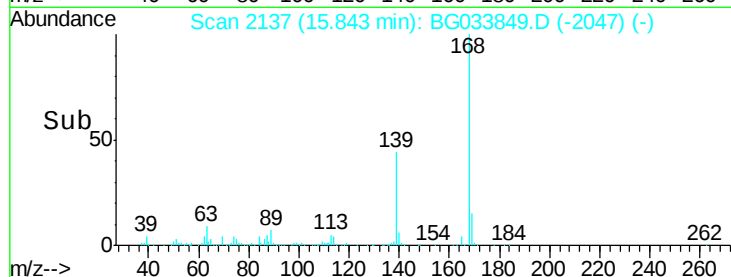
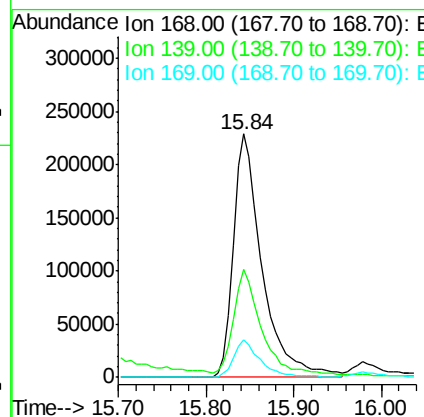
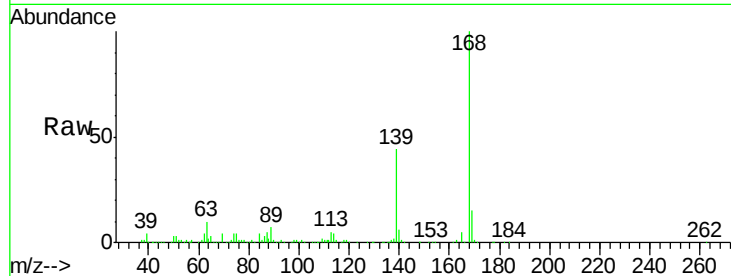
#54
Dibenzenofuran
Concen: 42.579 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.2	28.6	43.0#
169	15.2	11.2	16.8

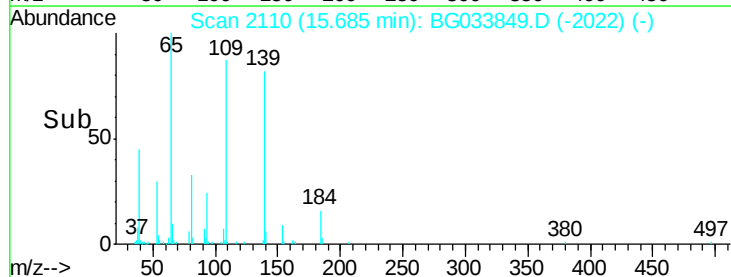
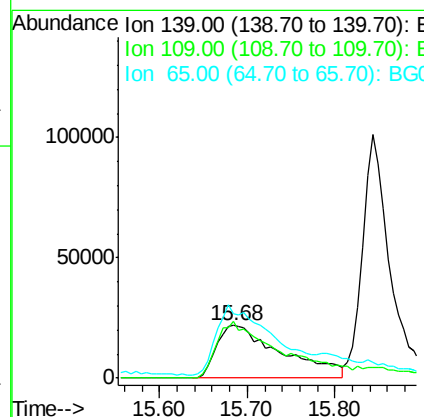
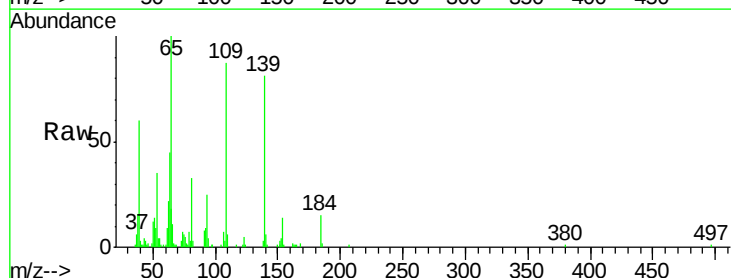
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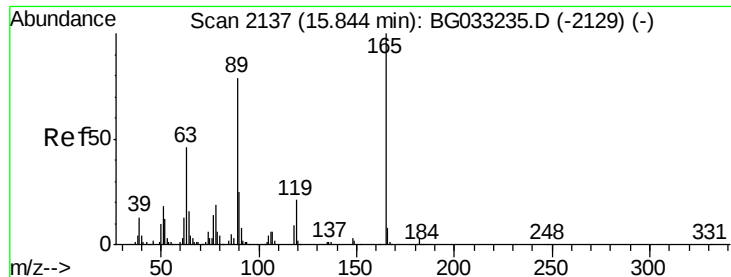
Sohil
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#55
4-Nitrophenol
Concen: 66.739 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.8	62.2	102.2#
65	123.9	97.2	137.2





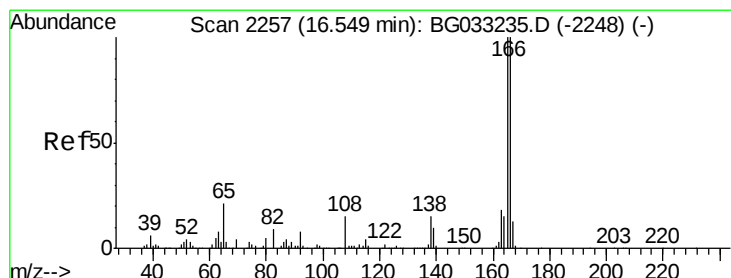
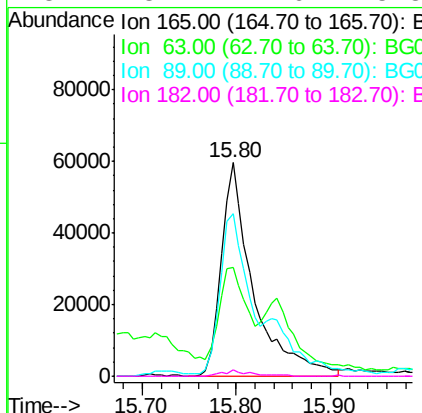
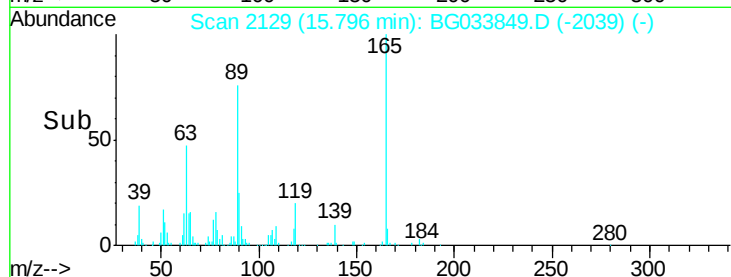
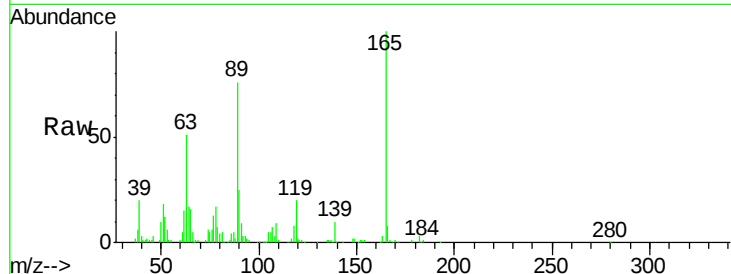
#56
2,4-Dinitrotoluene
Concen: 42.288 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion:	165	Resp:	141580
Ion Ratio	Lower	Upper	
165	100		
63	50.9	42.0	63.0
89	75.9	66.9	100.3
182	3.2	2.6	3.8

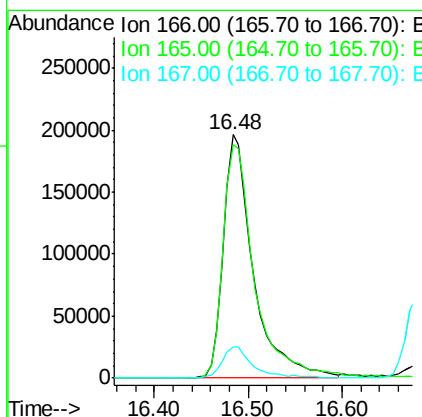
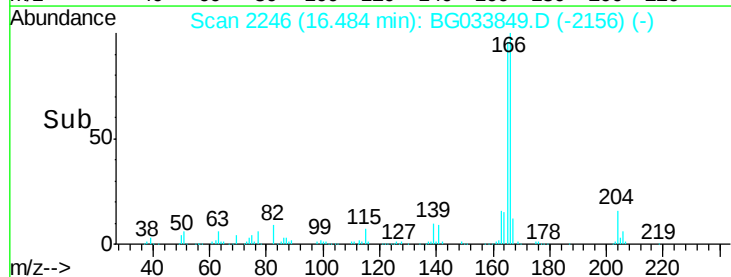
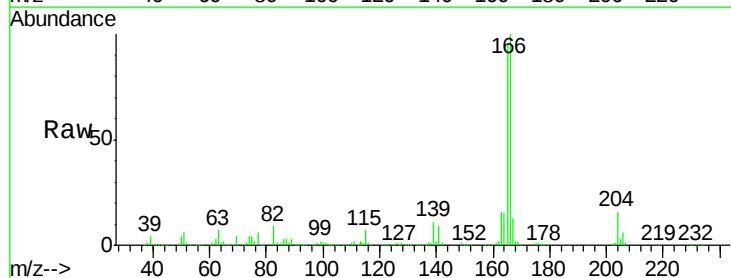
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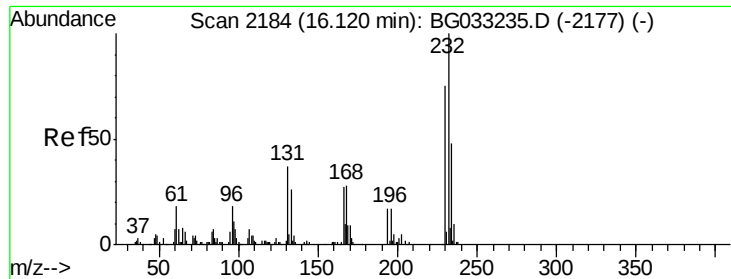
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#57
Fluorene
Concen: 42.584 ng
RT: 16.48 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion:	166	Resp:	436478
Ion Ratio	Lower	Upper	
166	100		
165	96.0	80.6	121.0
167	12.6	10.4	15.6





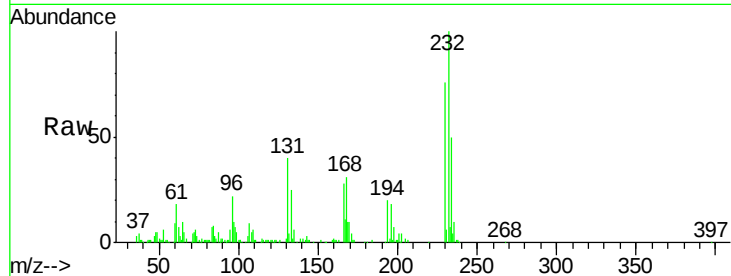
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.733 ng
 RT: 16.06 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

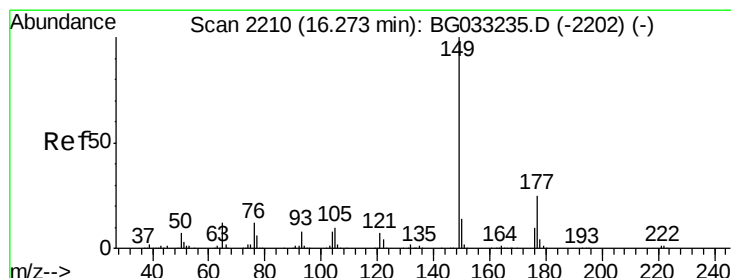
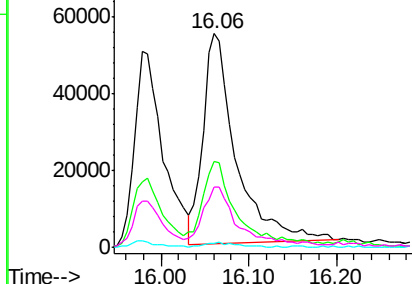
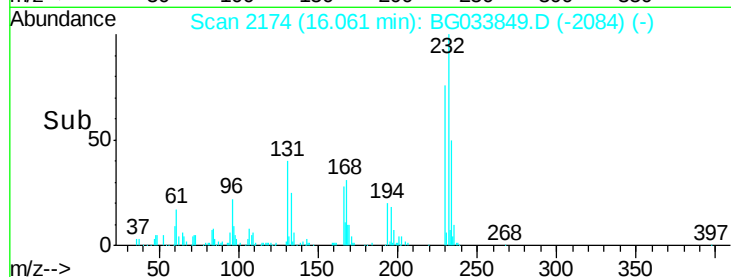
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	33.5	50.3
130	2.3	2.2	3.2
166	26.9	24.8	37.2

Manual Integrations
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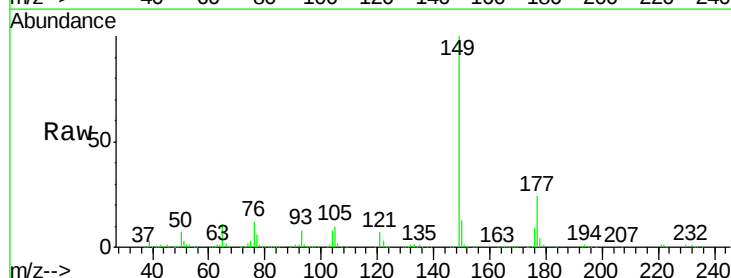


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

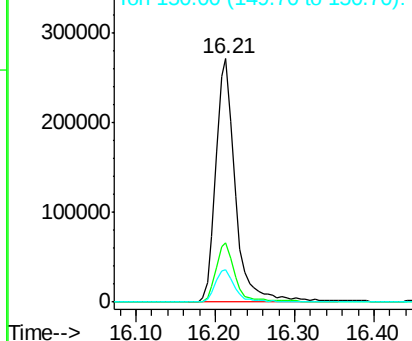
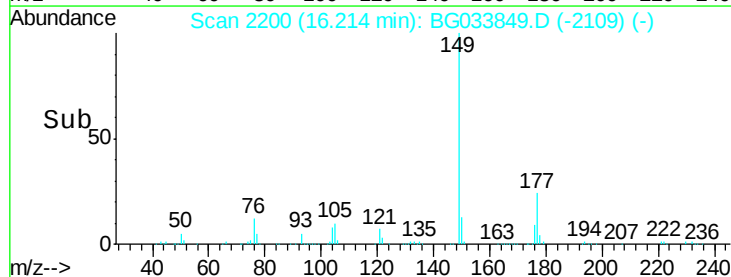


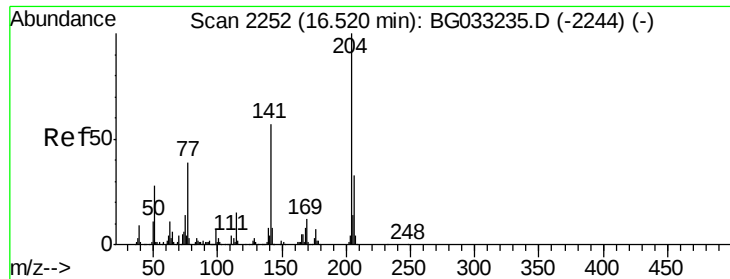
#59
 Diethylphthalate
 Concen: 43.044 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.5	27.7
150	13.1	10.2	15.2



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





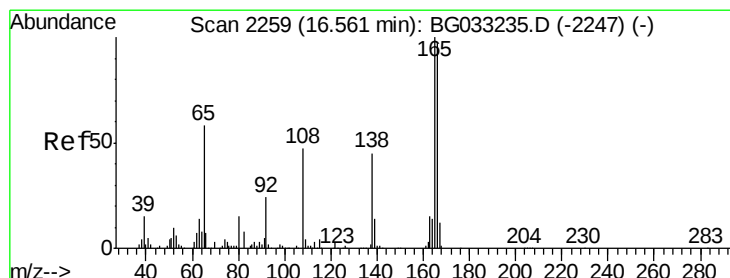
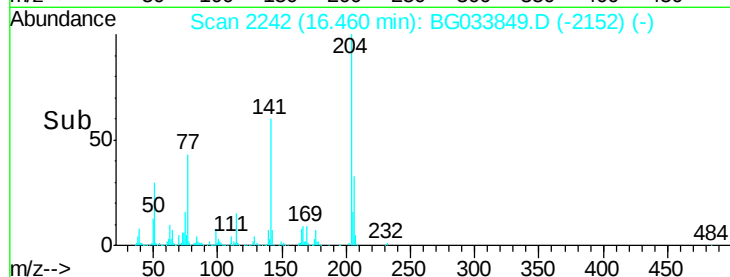
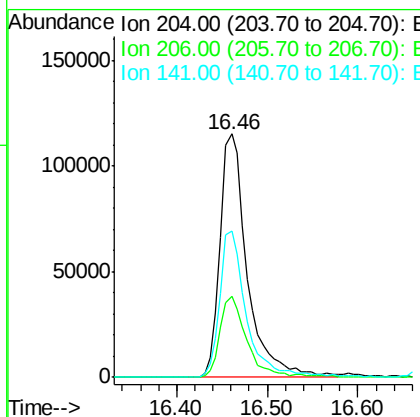
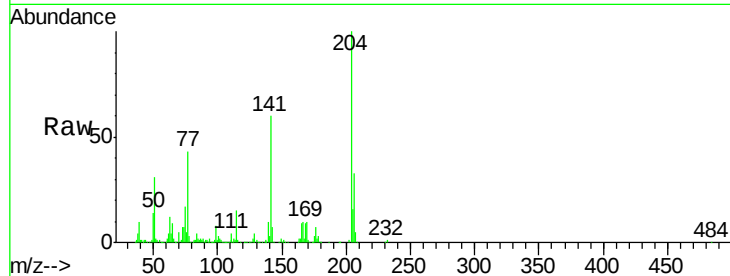
#60
 4-Chlorophenyl-phenylether
 Concen: 40.766 ng
 RT: 16.46 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	60.3	45.8	68.6

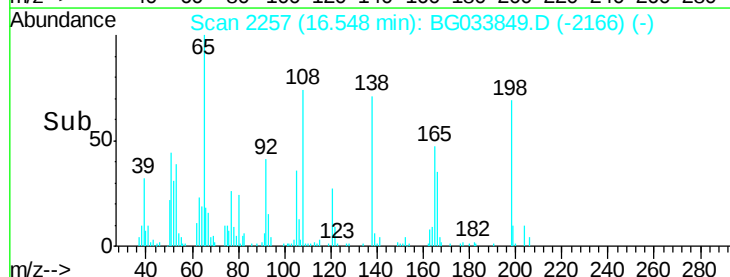
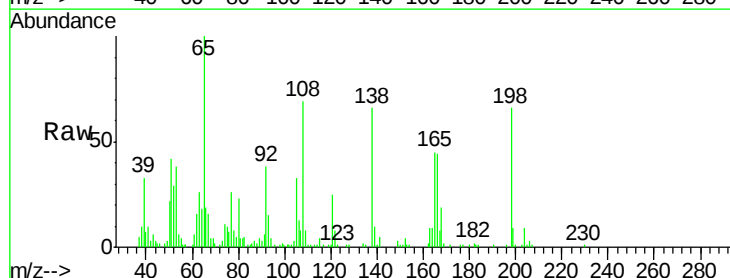
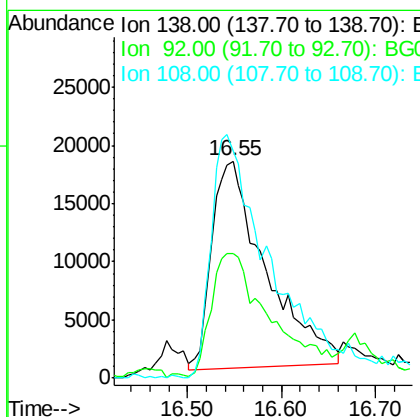
Manual Integrations
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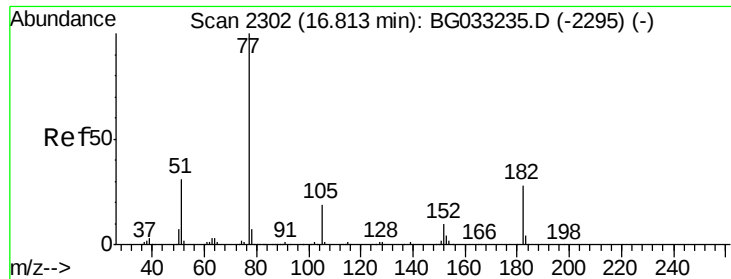
Sohil
 4/18/2018 3:03:41 PM



#61
 4-Nitroaniline
 Concen: 29.542 ng
 RT: 16.55 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.7	40.1	80.1
108	104.9	65.4	105.4





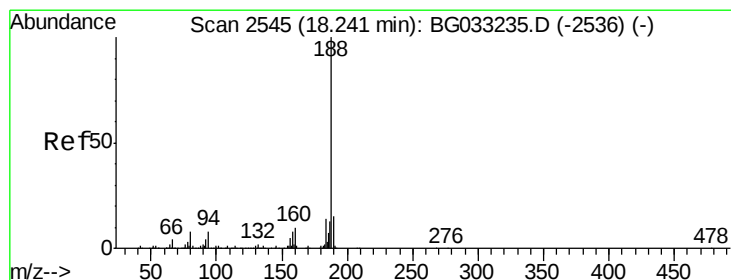
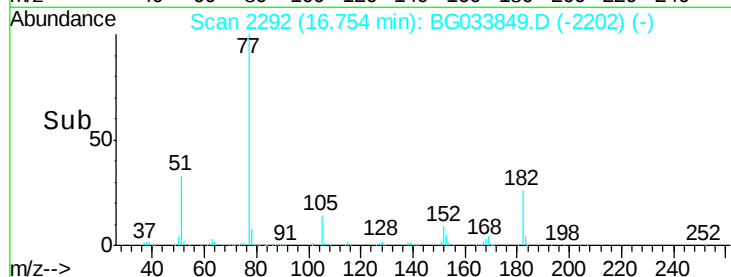
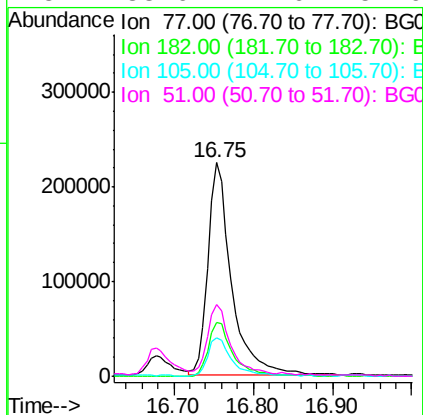
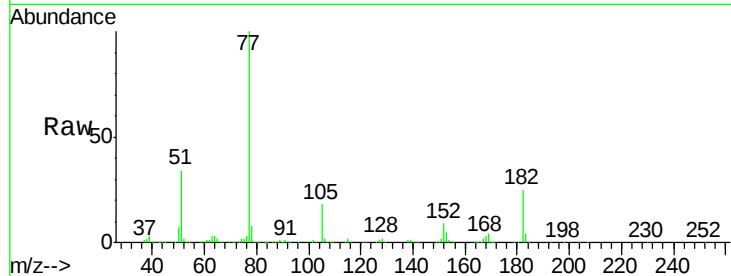
#62
Azobenzene
Concen: 44.106 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion:	77	Resp:	461360
Ion Ratio	Lower	Upper	
77	100		
182	25.1	7.4	47.4
105	18.1	0.3	40.3
51	33.6	11.6	51.6

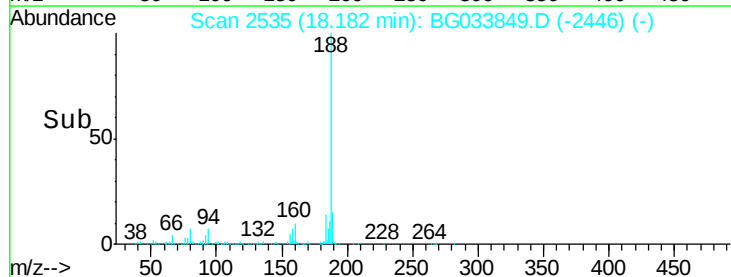
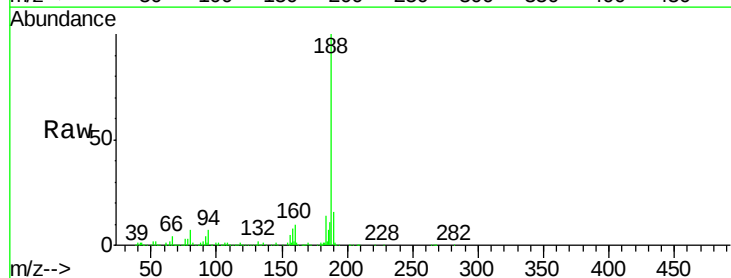
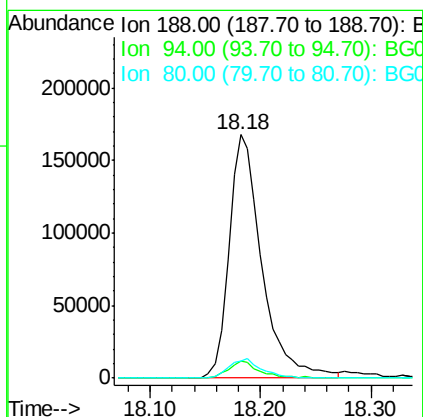
Manual Integrations
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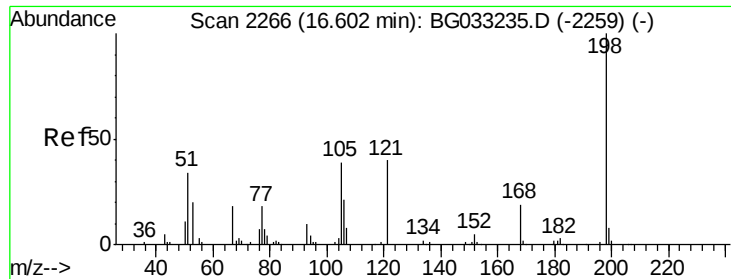
Sohil
4/18/2018 3:03:41 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.18 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion:	188	Resp:	347415
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.9	10.3
80	7.3	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 29.365 ng

RT: 16.55 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

ClientSampled :

RO-1-4MSD

Tot Ion:198 Resp: 61030

Ion Ratio Lower Upper

198 100

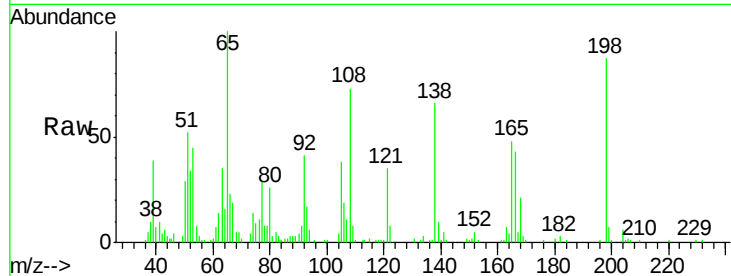
51 59.7 30.6 70.6

105 43.5 23.8 63.8

Manual Integrations
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Sohil

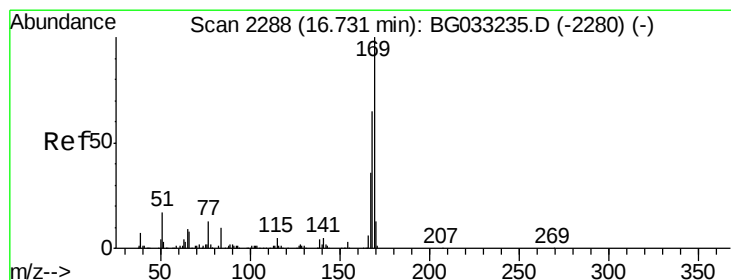
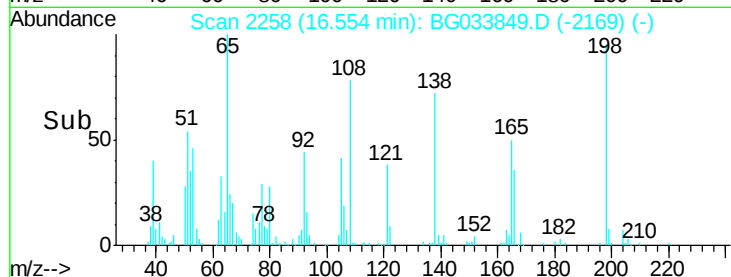
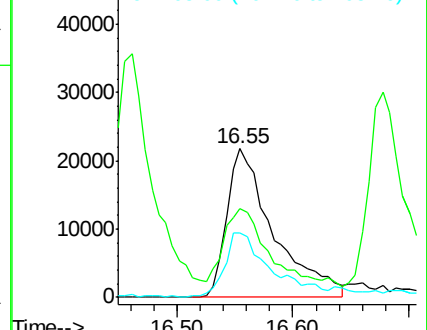
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG033235.D (-2259) (-)

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.204 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

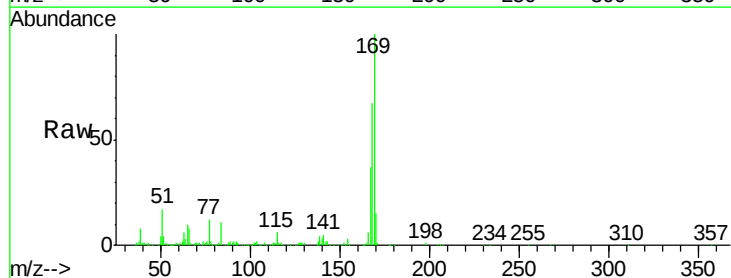
Tgt Ion:169 Resp: 408669

Ion Ratio Lower Upper

169 100

168 66.6 55.7 83.5

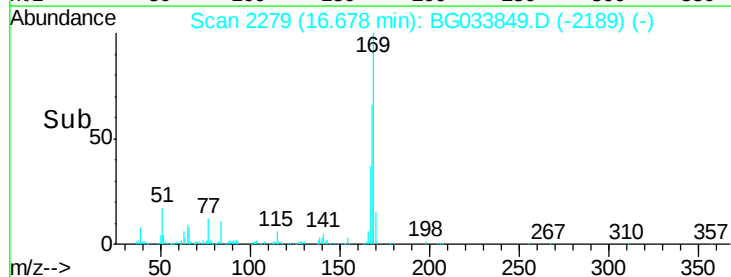
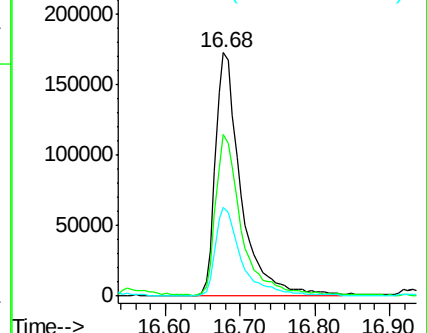
167 36.7 30.1 45.1

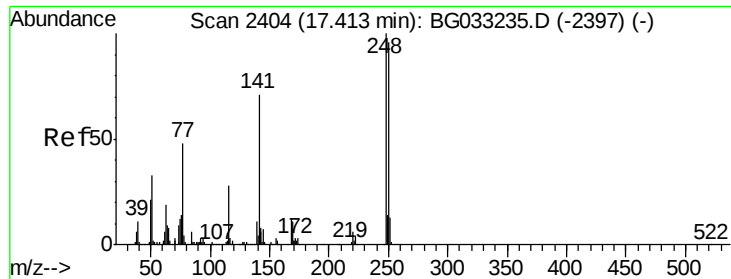


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





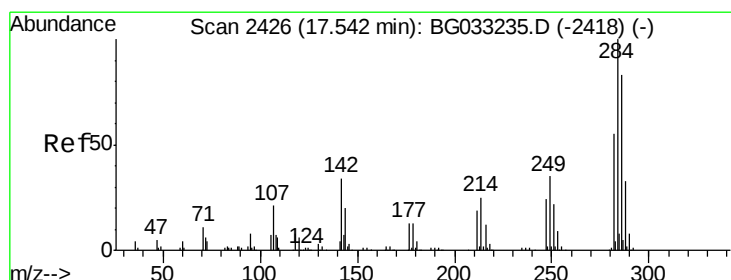
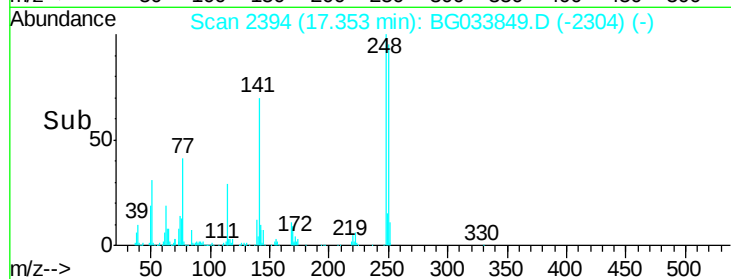
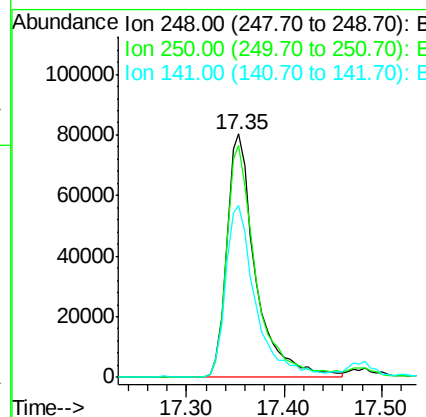
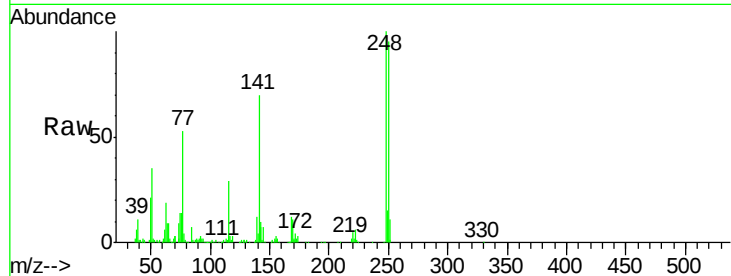
#66
4-Bromophenyl-phenylether
Concen: 40.321 ng
RT: 17.35 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampled :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	70.4	50.8	76.2

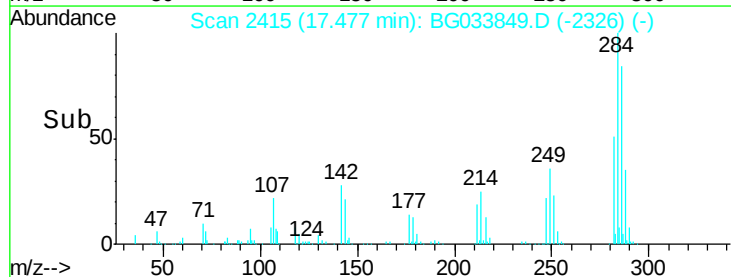
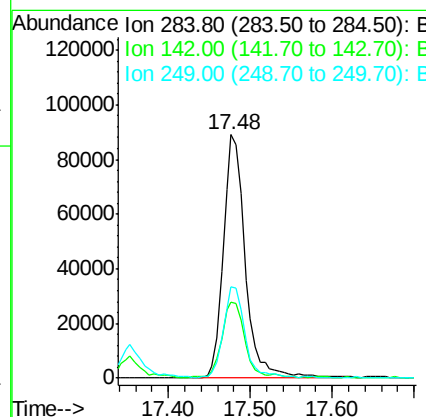
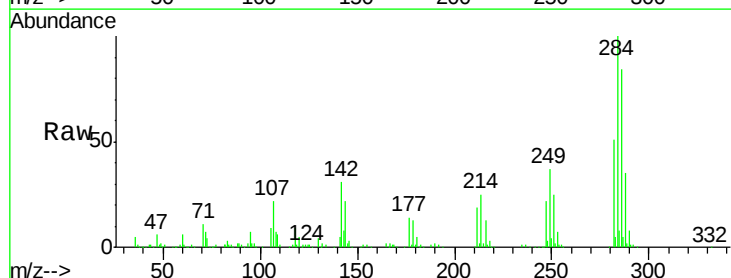
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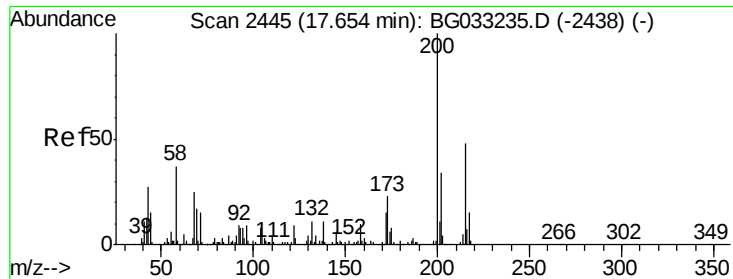
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#67
Hexachlorobenzene
Concen: 38.667 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.8	40.2
249	37.3	26.3	39.5





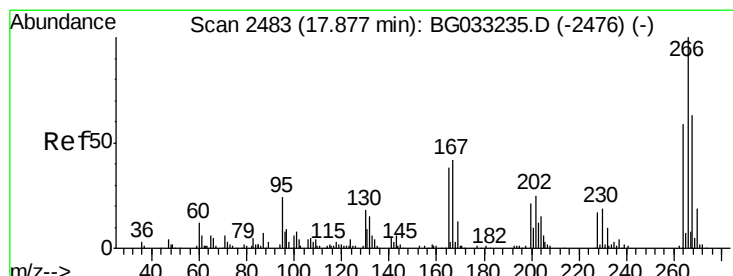
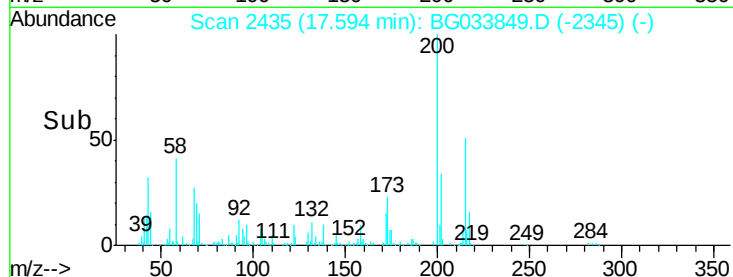
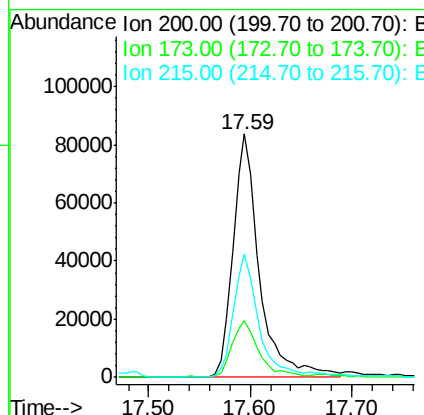
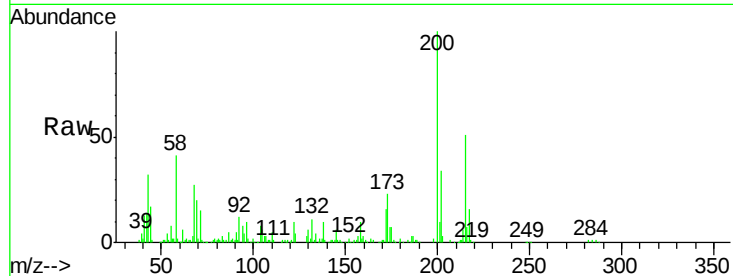
#68
Atrazine
Concen: 37.533 ng
RT: 17.59 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.3	5.2	45.2	
215	50.7	30.4	70.4	

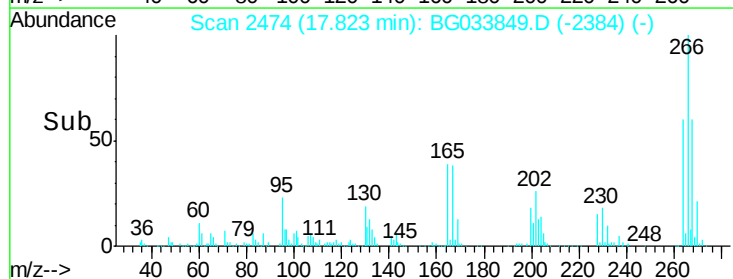
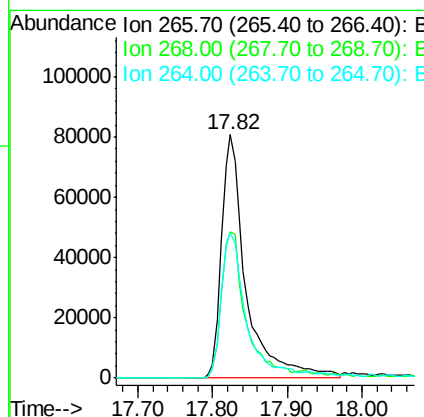
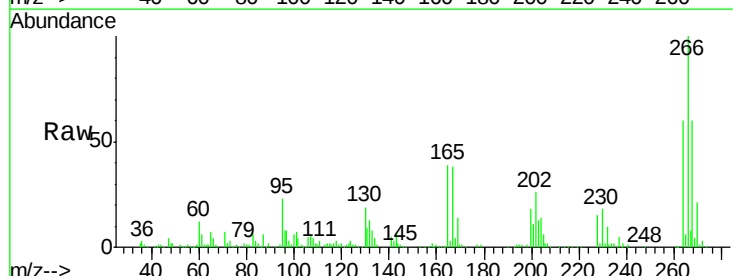
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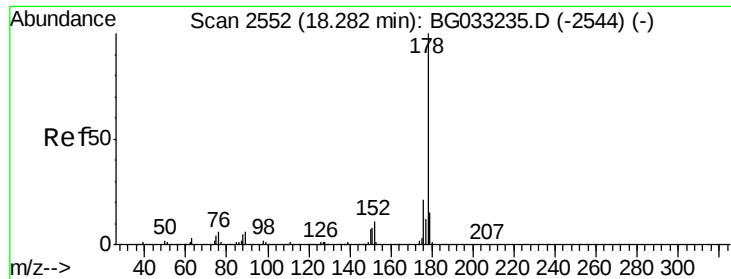
Sohil
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#69
Pentachlorophenol
Concen: 62.179 ng
RT: 17.82 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	60.3	51.1	76.7	
264	59.6	49.6	74.4	





#70

Phenanthrene

Concen: 40.211 ng

RT: 18.22 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

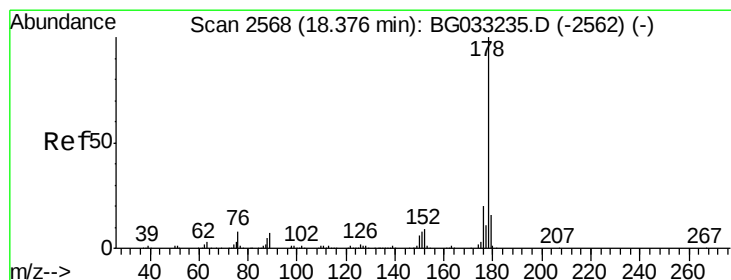
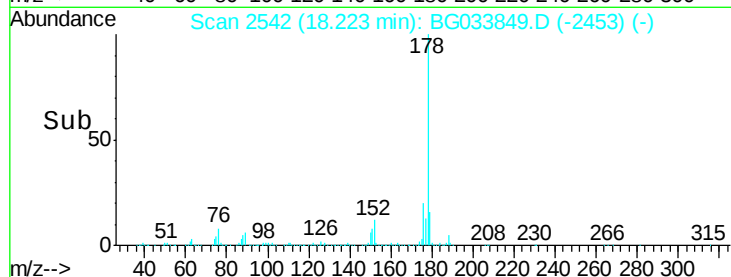
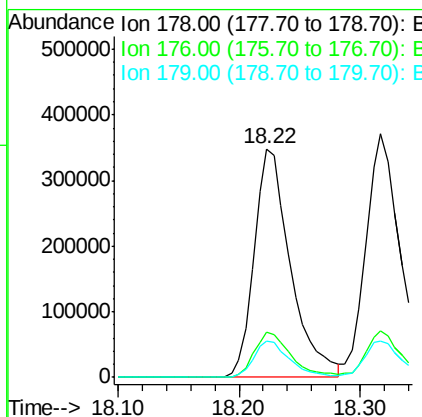
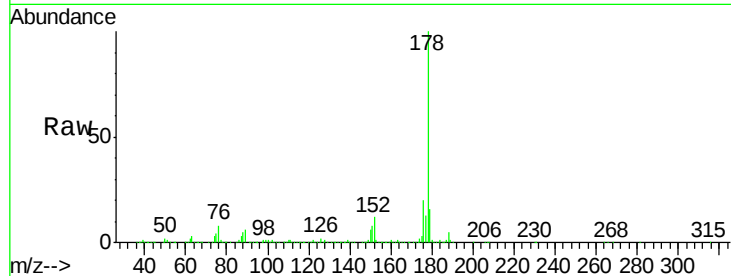
ClientSampleId :

RO-1-4MSD

Tot Ion:	178	Resp:	727559
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.7	23.5
179	15.9	12.5	18.7

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#71

Anthracene

Concen: 43.421 ng

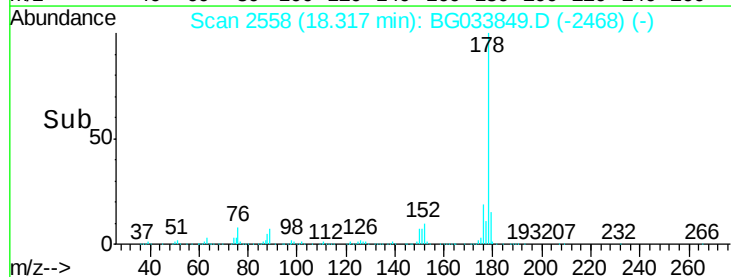
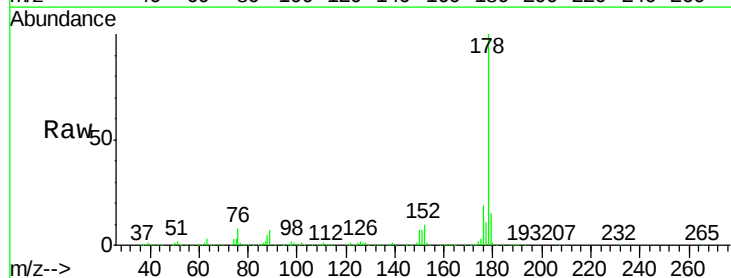
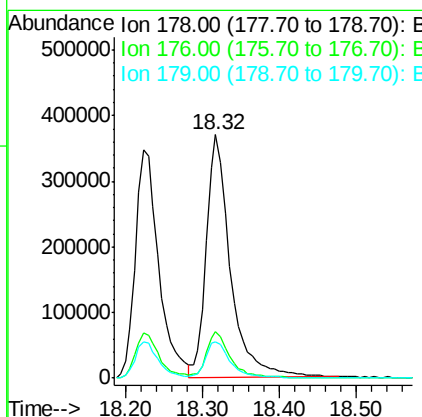
RT: 18.32 min Scan# 2558

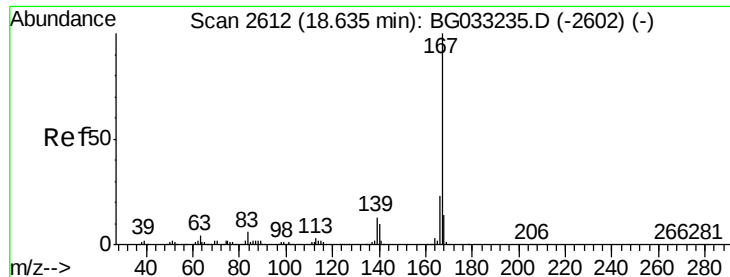
Delta R.T. -0.00 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Tgt Ion:	178	Resp:	795481
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.0	24.0
179	15.0	12.5	18.7





#72

Carbazole

Concen: 39.759 ng

RT: 18.59 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

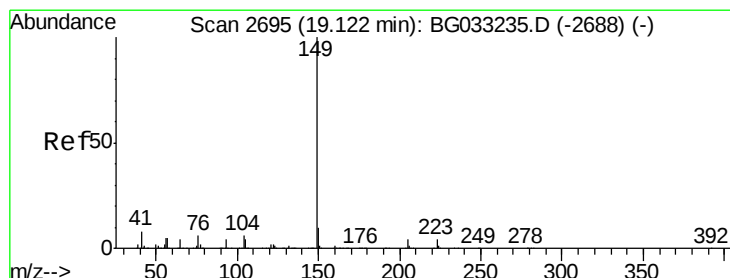
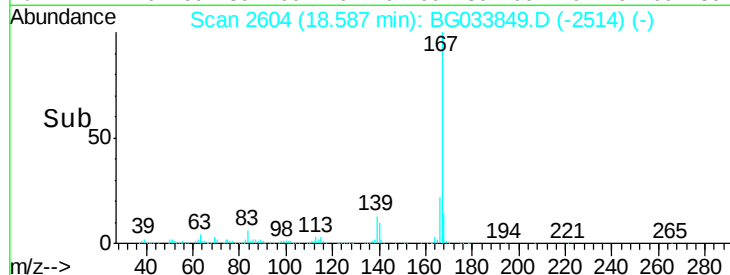
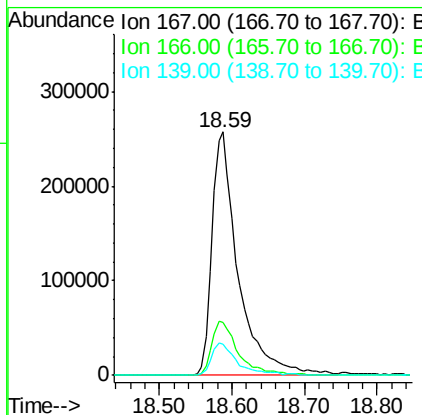
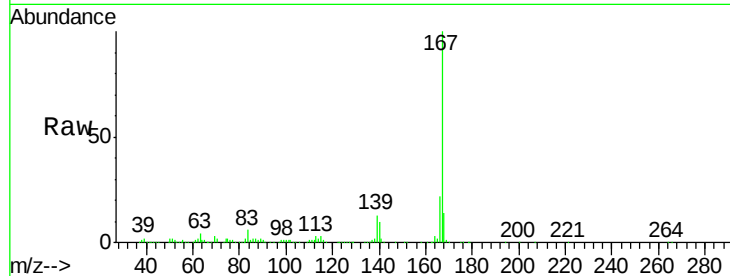
ClientSampleId :

RO-1-4MSD

Tot Ion:	167	Resp:	645448
Ion Ratio	Lower	Upper	
167	100		
166	21.8	18.2	27.4
139	12.7	9.4	14.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 42.630 ng

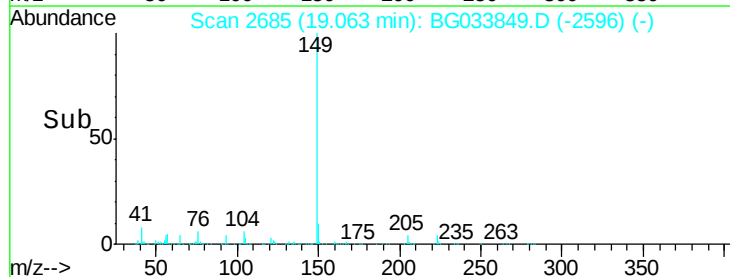
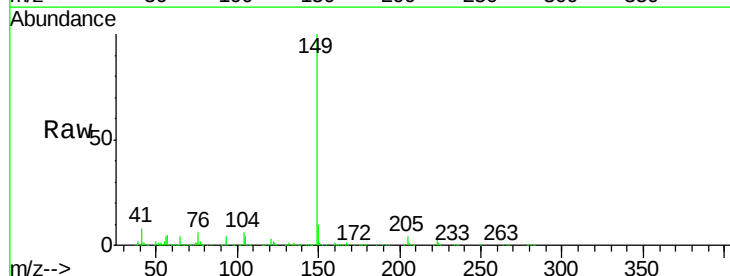
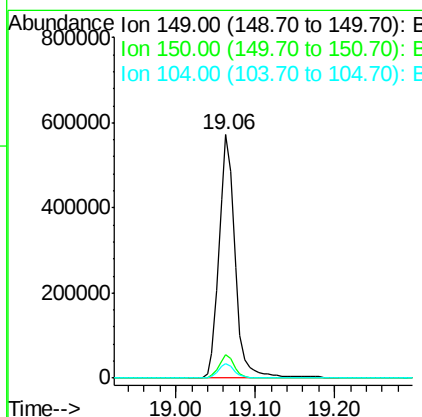
RT: 19.06 min Scan# 2685

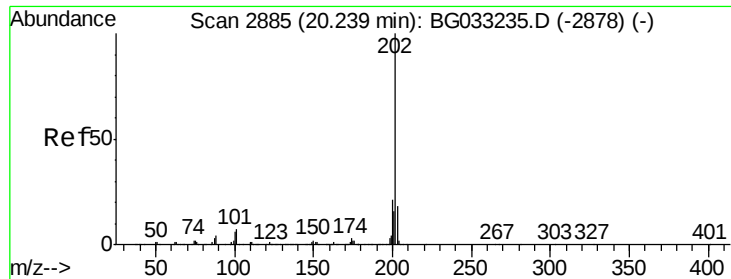
Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Tgt Ion:	149	Resp:	805525
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	6.0	3.9	5.9#





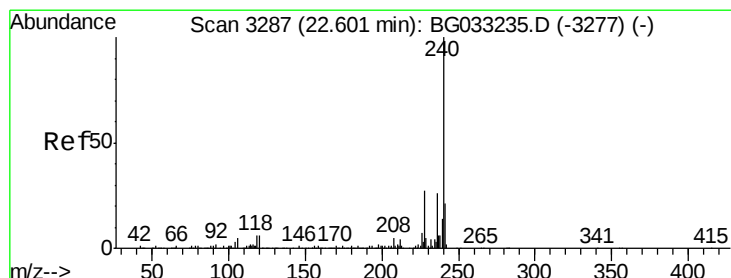
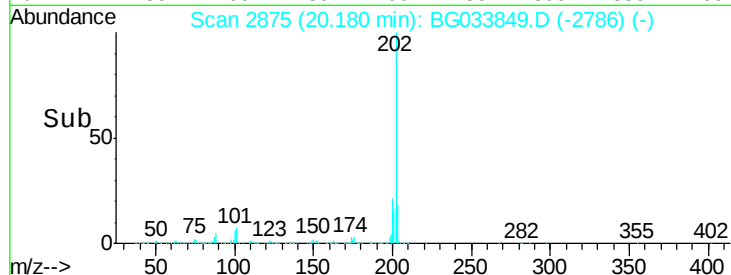
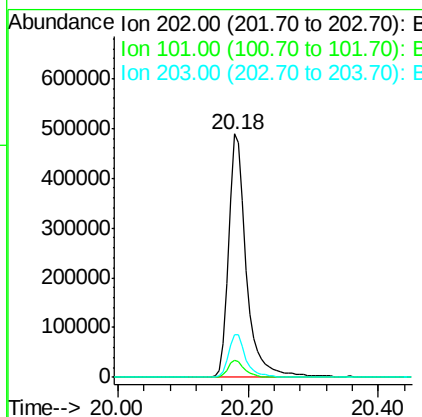
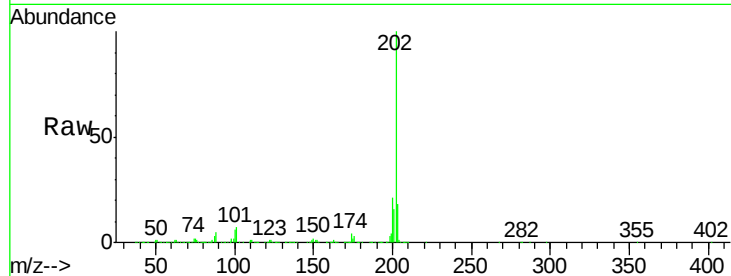
#74
 Fluoranthene
 Concen: 41.119 ng
 RT: 20.18 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4MSD

Tot Ion:	202	Resp:	920671
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	28.9
203	17.7	0.0	37.5

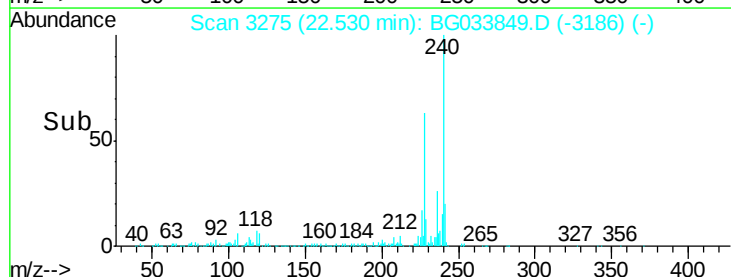
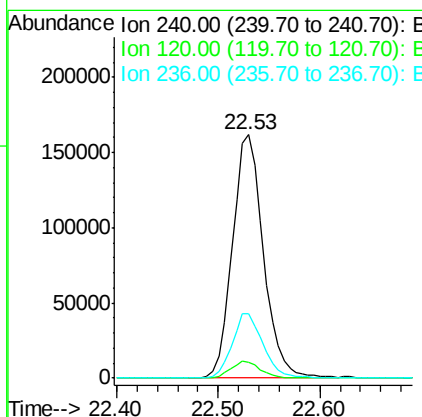
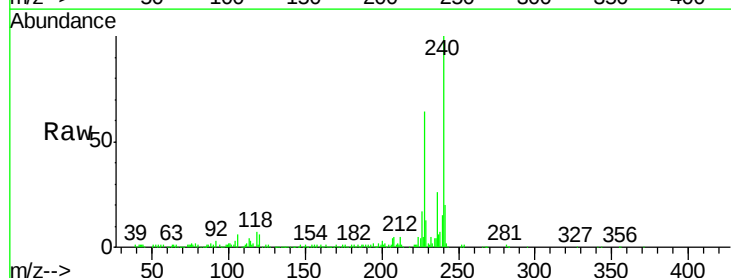
Manual Integrations
 APPROVED

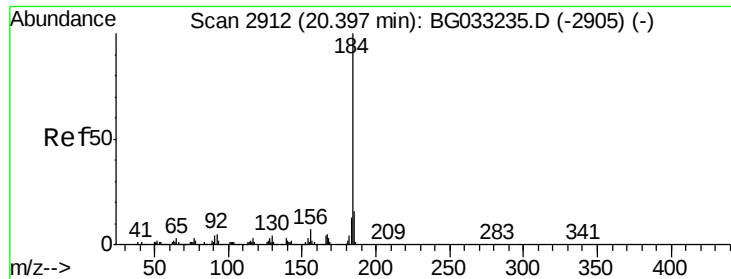
Sohil
 4/18/2018 3:03:41 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BG033849.D
 Acq: 17 Apr 2018 17:51

Tgt Ion:	240	Resp:	342876
Ion Ratio	Lower	Upper	
240	100		
120	6.3	6.8	10.2#
236	26.4	20.9	31.3





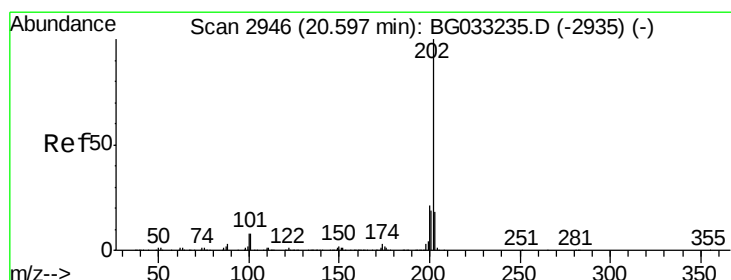
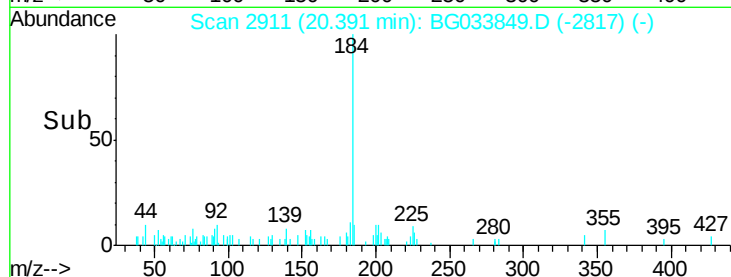
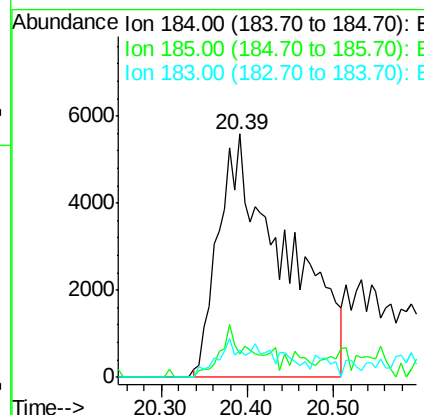
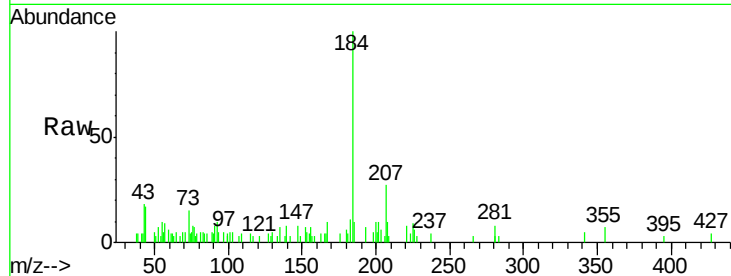
#76
Benzidine
Concen: 3.199 ng/mL
RT: 20.39 min Scan# 2911
Delta R.T. 0.02 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	9.8	11.1	16.7#
183	11.2	10.6	16.0

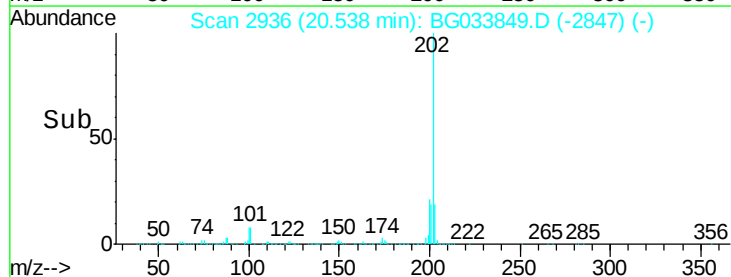
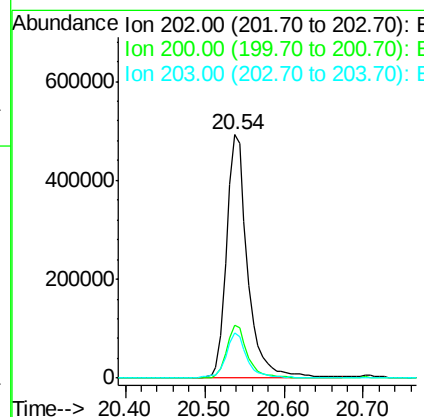
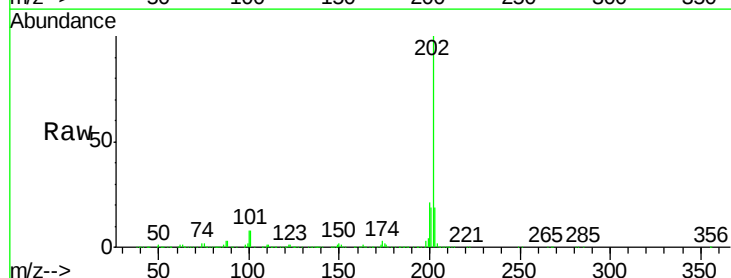
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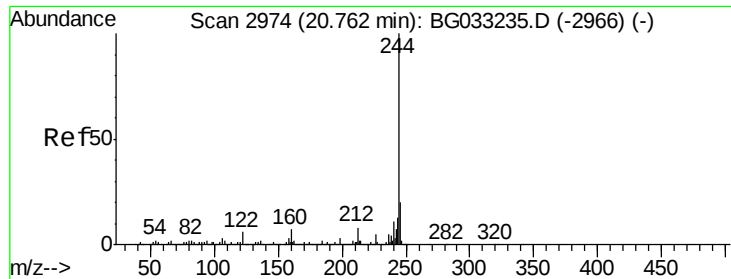
Sohil
4/18/2018 3:03:41 PM



#77
Pyrene
Concen: 39.635 ng/mL
RT: 20.54 min Scan# 2936
Delta R.T. -0.01 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.6	13.9	20.9





#78

Terphenyl-d14

Concen: 97.003 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

ClientSampleId :

RO-1-4MSD

Tot Ion:244 Resp: 1555216

Ion Ratio Lower Upper

244 100

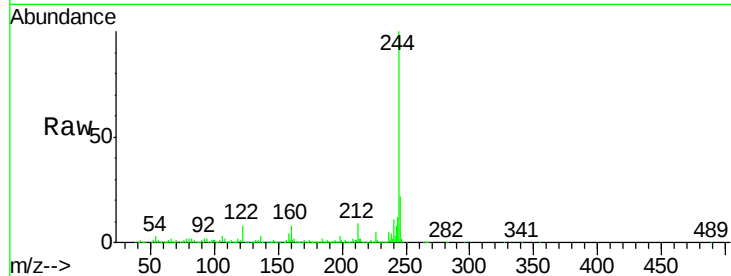
212 9.1 5.8 8.8#

122 7.6 7.0 10.4

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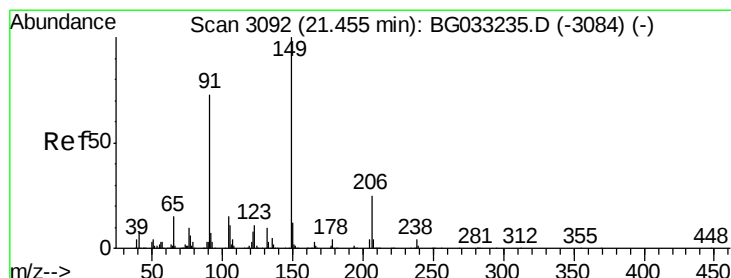
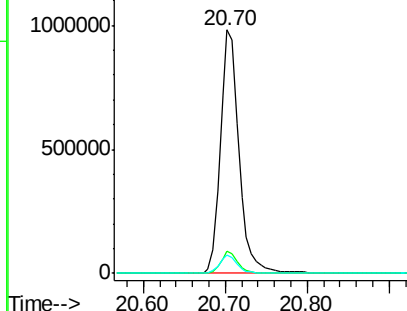
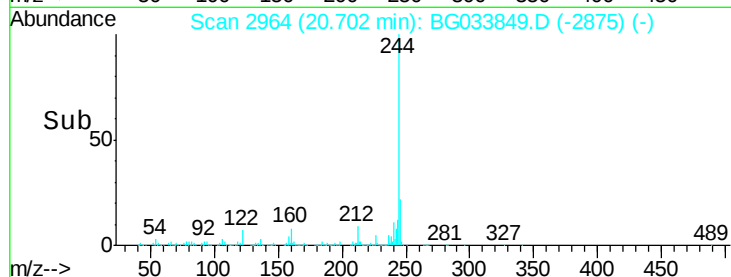
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 41.328 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

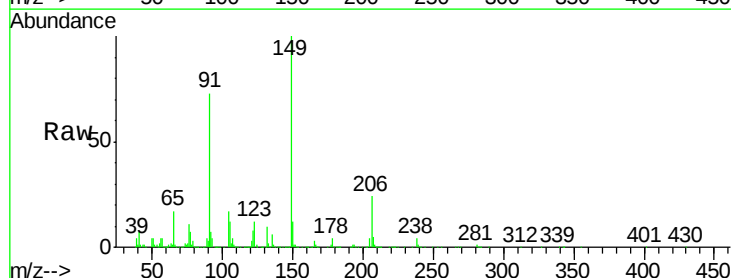
Tgt Ion:149 Resp: 348752

Ion Ratio Lower Upper

149 100

91 72.8 62.2 93.2

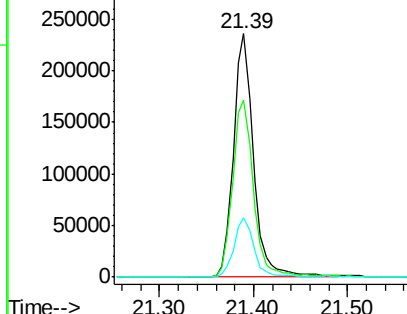
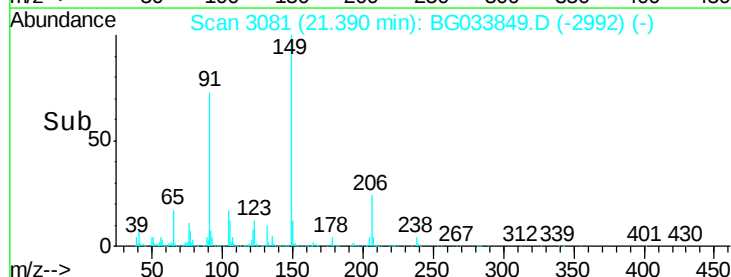
206 24.1 18.6 27.8

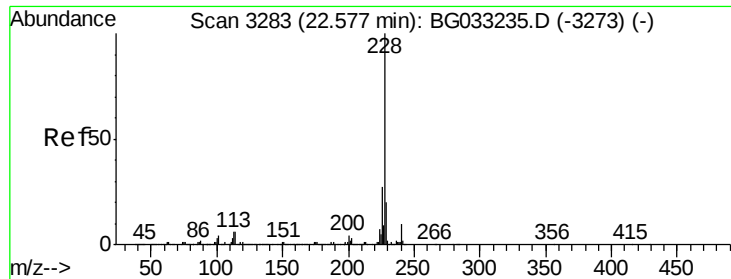


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.892 ng

RT: 22.51 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

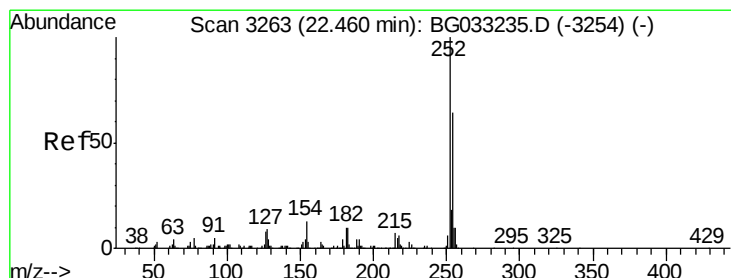
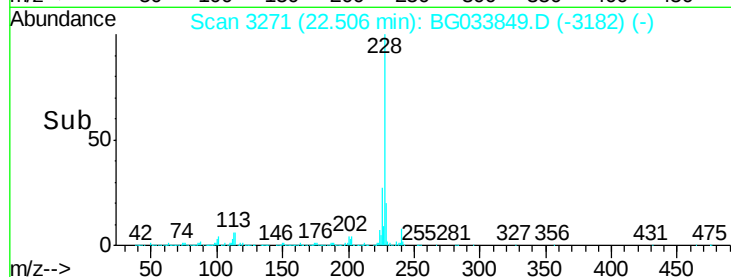
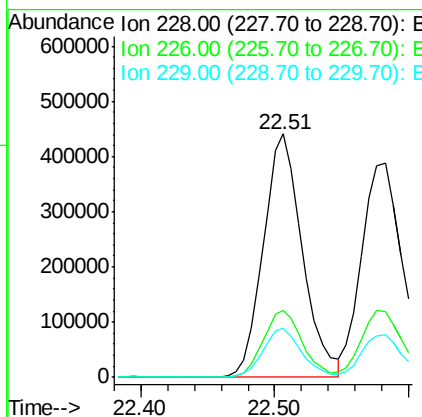
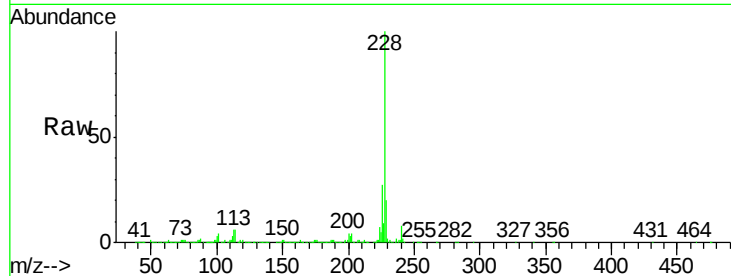
ClientSampleId :

RO-1-4MSD

Tot Ion:	228	Resp:	892797
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.7	34.1
229	20.0	16.2	24.2

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#81

3,3'-Dichlorobenzidine

Concen: 26.354 ng

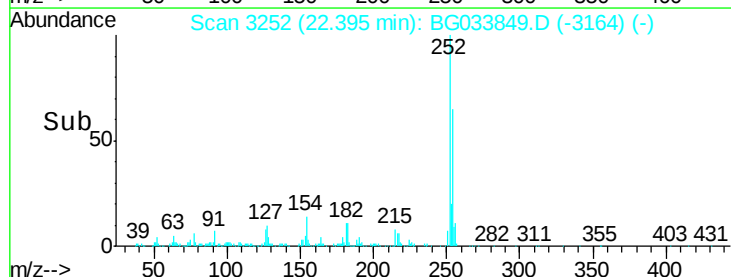
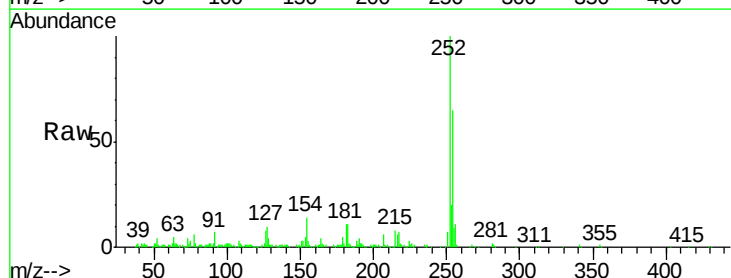
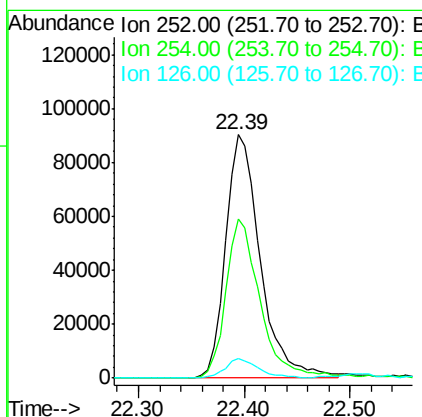
RT: 22.39 min Scan# 3252

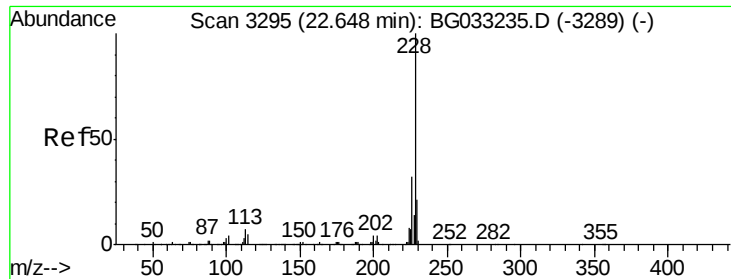
Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Tgt Ion:	252	Resp:	204746
Ion Ratio	Lower	Upper	
252	100		
254	65.1	50.8	76.2
126	8.3	7.4	11.2





#82

Chrysene

Concen: 40.298 ng

RT: 22.58 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

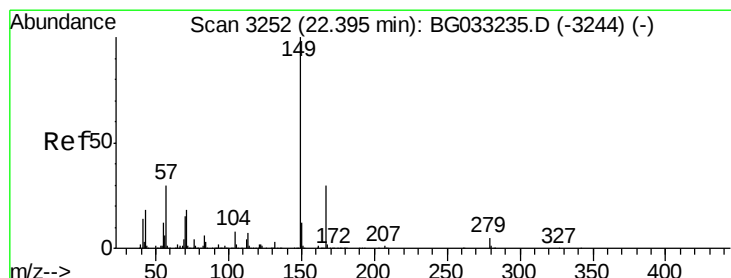
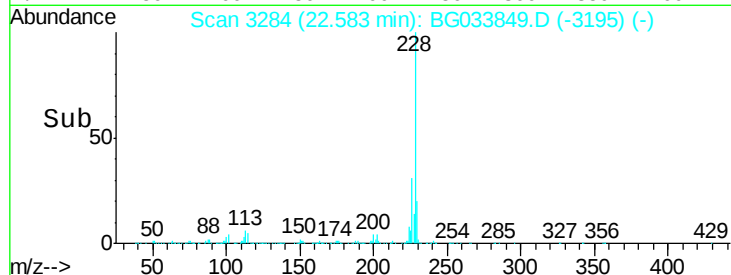
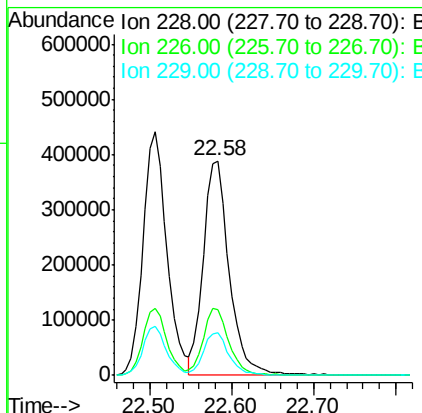
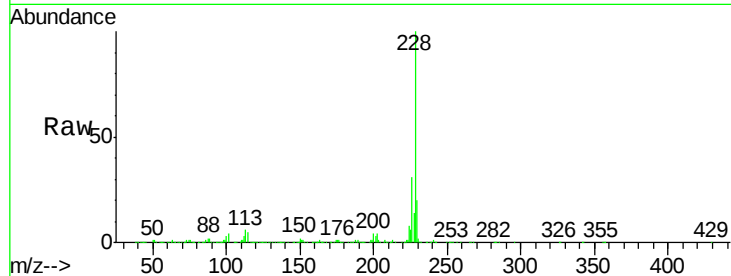
ClientSampleId :

RO-1-4MSD

Tot Ion:	228	Resp:	851667
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	20.1	15.0	22.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 42.387 ng

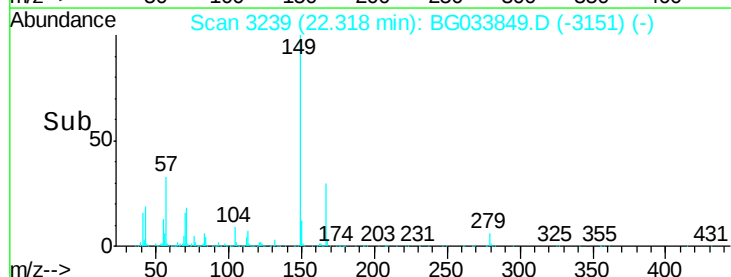
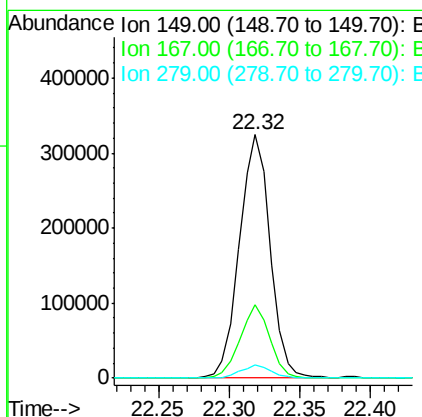
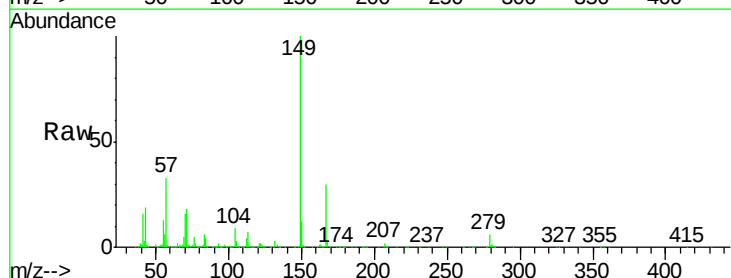
RT: 22.32 min Scan# 3239

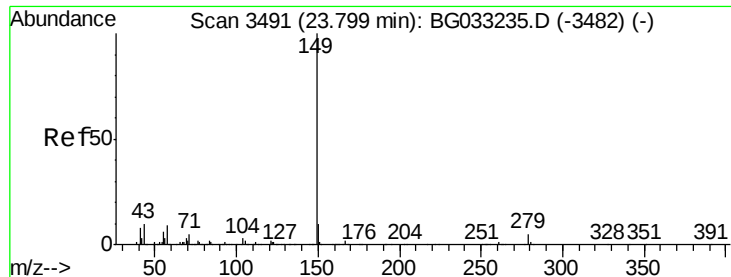
Delta R.T. -0.01 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Tgt Ion:	149	Resp:	493077
Ion Ratio	Lower	Upper	
149	100		
167	29.9	24.3	36.5
279	5.6	4.0	6.0





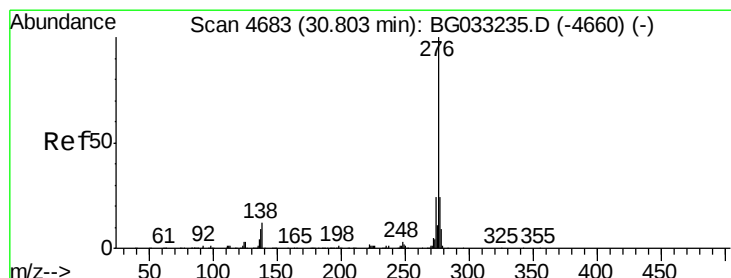
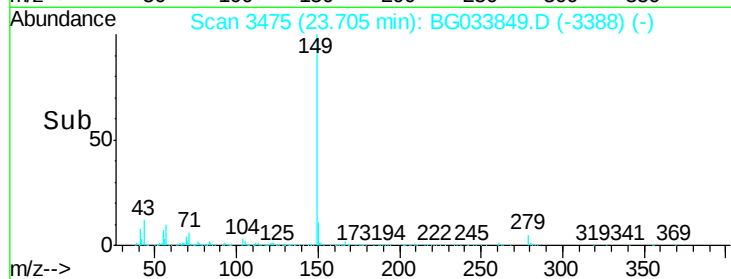
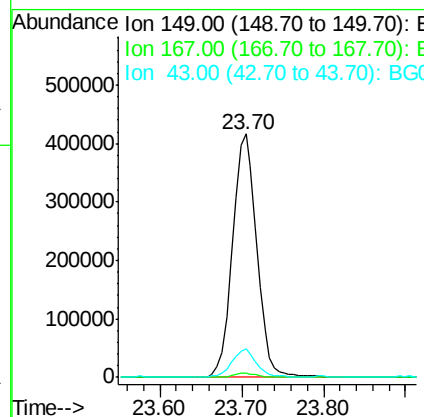
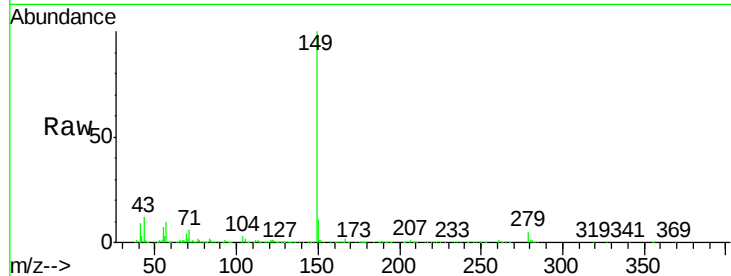
#84
Di-n-octyl phthalate
Concen: 47.952 ng
RT: 23.70 min Scan# 3475
Delta R.T. -0.02 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.2	8.9	13.3

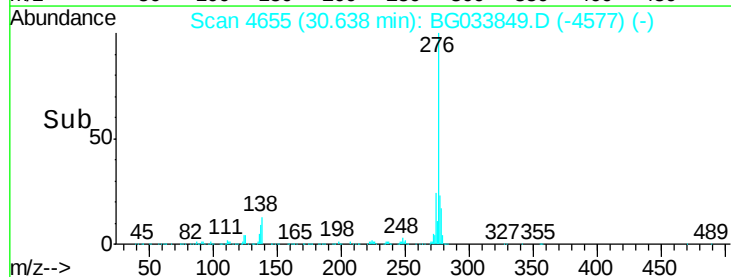
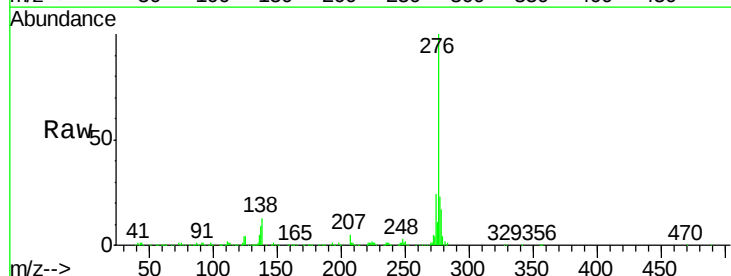
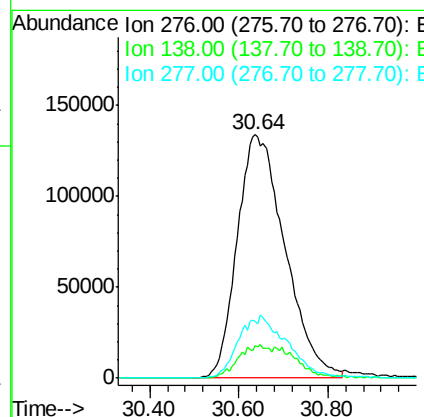
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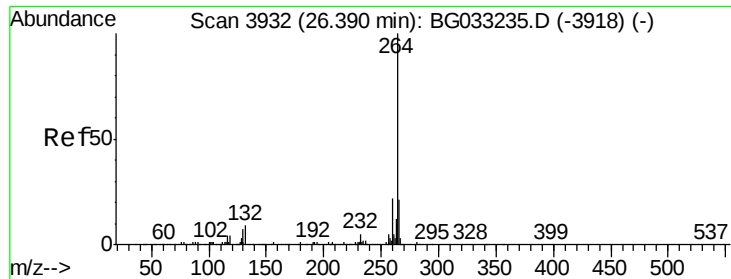
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 43.690 ng
RT: 30.64 min Scan# 4655
Delta R.T. -0.07 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.8	16.0	24.0#
277	11.1	20.0	30.0#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.27 min Scan# 3912

Delta R.T. -0.04 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Instrument :

BNA_G

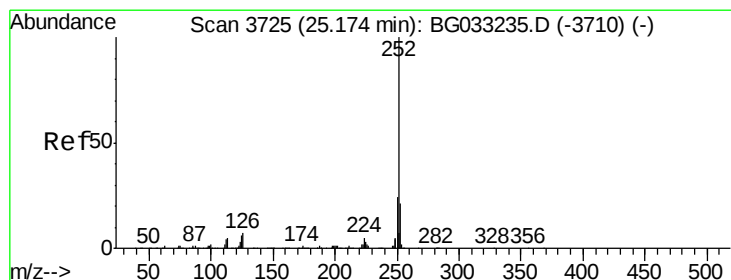
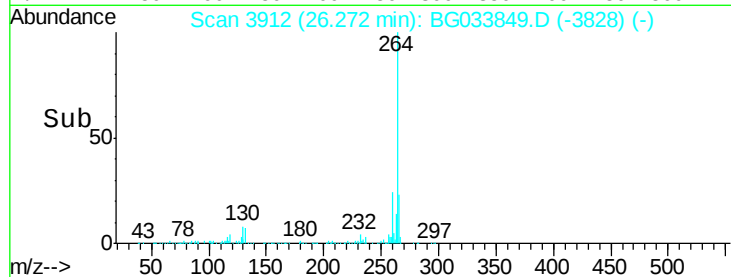
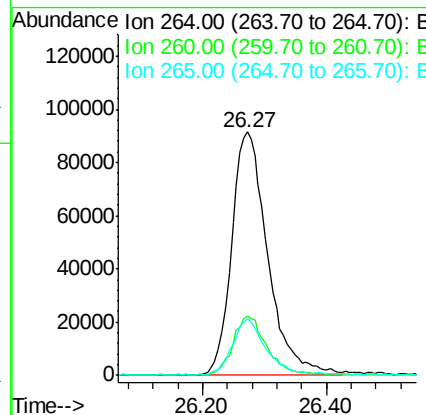
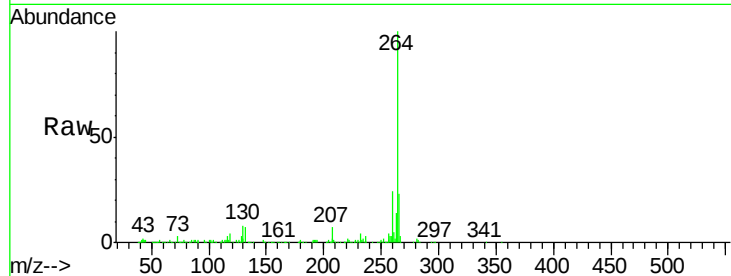
ClientSampleId :

RO-1-4MSD

Tot Ion:	264	Resp:	370325
Ion Ratio	Lower	Upper	
264	100		
260	24.3	17.4	26.0
265	23.5	17.7	26.5

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#87

Benzo(b)fluoranthene

Concen: 40.266 ng

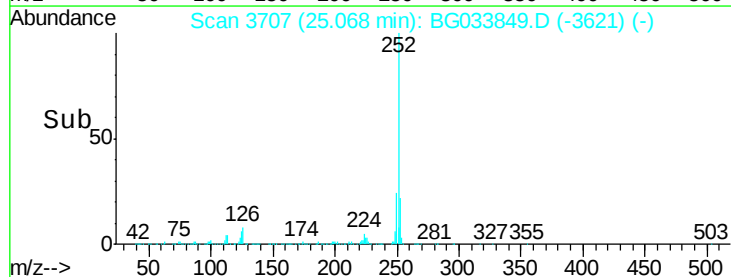
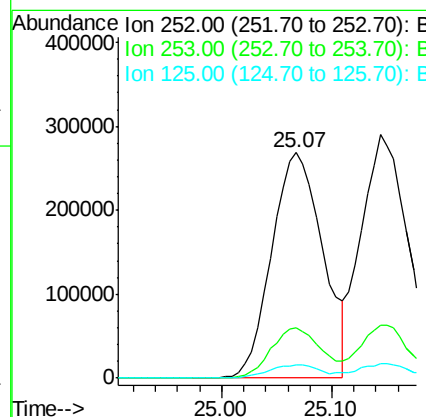
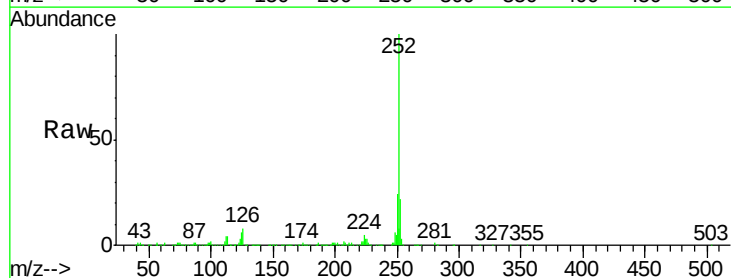
RT: 25.07 min Scan# 3707

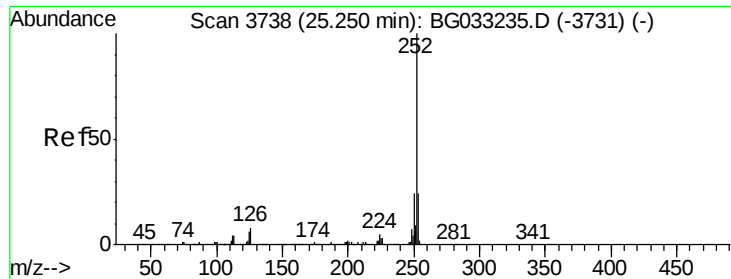
Delta R.T. -0.03 min

Lab File: BG033849.D

Acq: 17 Apr 2018 17:51

Tgt Ion:	252	Resp:	861517
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	5.8	7.2	10.8#





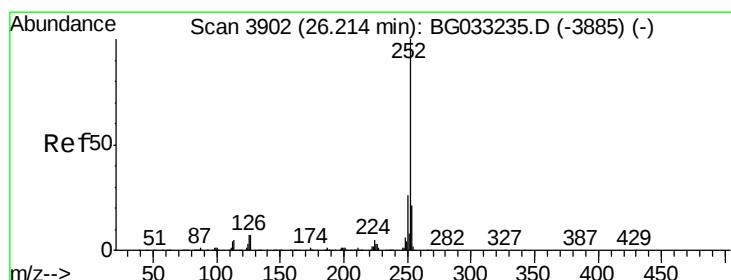
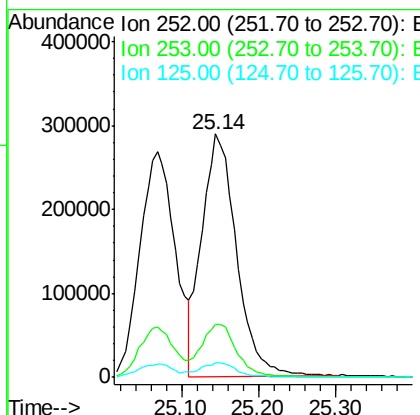
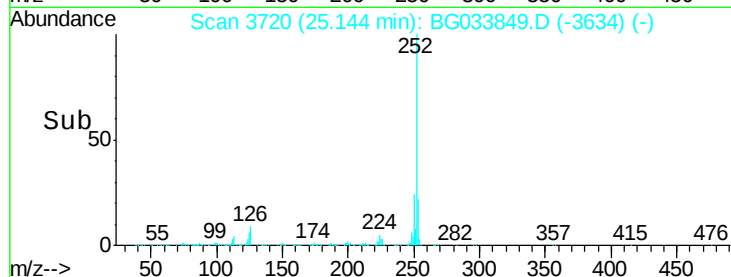
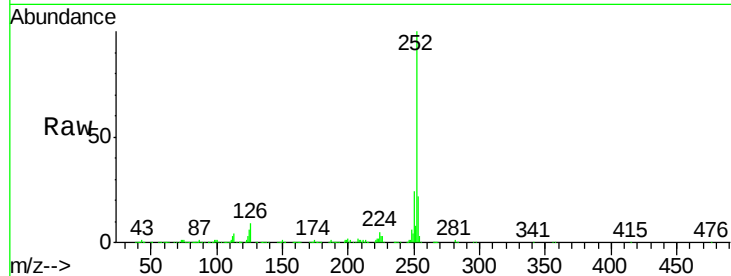
#88
Benzo(k)fluoranthene
Concen: 41.474 ng
RT: 25.14 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	6.1	6.6	9.8

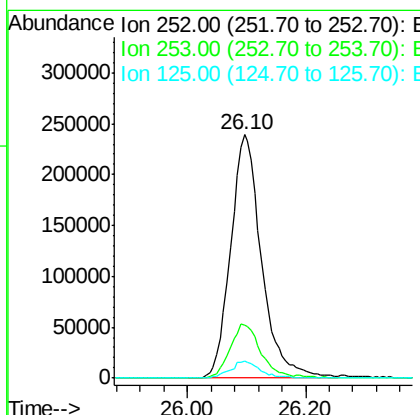
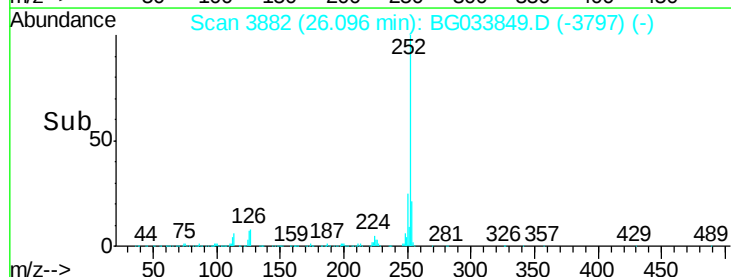
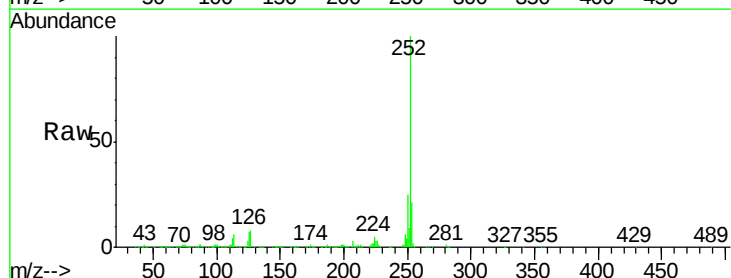
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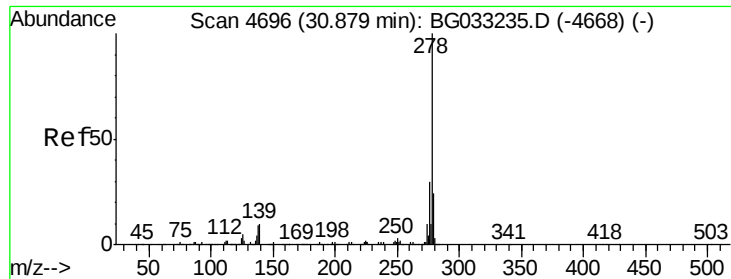
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#89
Benzo(a)pyrene
Concen: 42.376 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.03 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.3	27.5
125	7.2	7.3	10.9





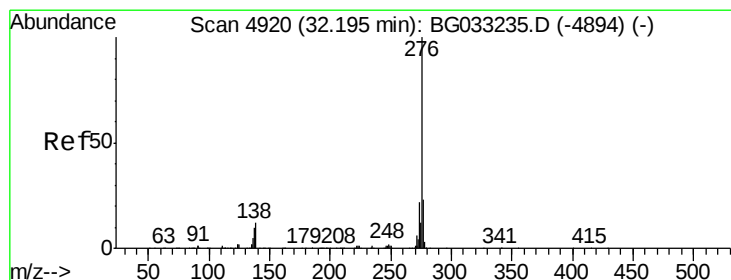
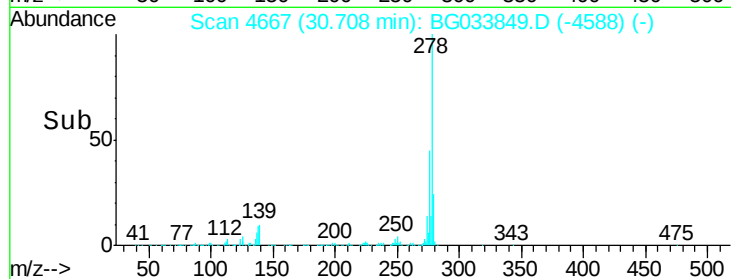
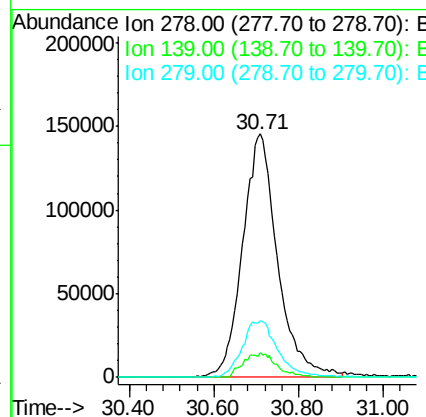
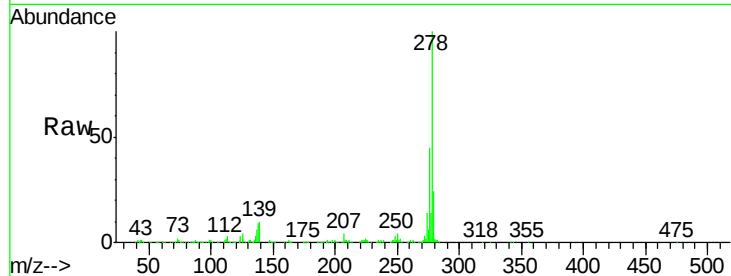
#90
Dibenzo(a,h)anthracene
Concen: 43.230 ng
RT: 30.71 min Scan# 4667
Delta R.T. -0.07 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Instrument :
BNA_G
ClientSampleId :
RO-1-4MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.1	9.8	14.6
279	23.5	18.4	27.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 43.058 ng
RT: 32.01 min Scan# 4888
Delta R.T. -0.07 min
Lab File: BG033849.D
Acq: 17 Apr 2018 17:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.3	27.5
138	15.1	13.9	20.9

