

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035440.D
 Acq On : 27 Jun 2018 11:06
 Operator : JU/SJ
 Sample : J3687-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Manual Integrations
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Sohil
 6/27/2018 3:32:35 PM

Quant Time: Jun 27 12:26:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50000	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	193135	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	142940	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	370659	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	386713	20.00	ng	-0.03
86) Perylene-d12	24.90	264	377325	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	422550	142.62	ng	-0.02
7) Phenol-d6	7.21	99	636250	145.50	ng	0.00
23) Nitrobenzene-d5	9.21	82	410866	101.12	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	295451	161.47	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	926846	84.29	ng	-0.03
78) Terphenyl-d14	20.02	244	1517042	82.17	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	45710	32.336	ng	# 76
3) Pyridine	3.94	79	110803	29.051	ng	# 76
4) n-Nitrosodimethylamine	3.85	42	58088	35.450	ng	# 83
6) Aniline	7.38	93	215007	38.038	ng	99
8) 2-Chlorophenol	7.62	128	144484	46.524	ng	93
9) Benzaldehyde	7.19	77	103343	30.681	ng	95
10) Phenol	7.24	94	220196	48.658	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	138198	39.345	ng	89
12) 1,3-Dichlorobenzene	7.94	146	155168	41.876	ng	93
13) 1,4-Dichlorobenzene	8.09	146	157440	41.159	ng	94
14) 1,2-Dichlorobenzene	8.41	146	153195	42.637	ng	97
15) Benzyl Alcohol	8.28	79	168895	40.761	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	151139	43.232	ng	77
17) 2-Methylphenol	8.49	107	142247	47.677	ng	# 90
18) Hexachloroethane	9.14	117	58948	43.046	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	135226	36.399	ng	# 83
20) 3+4-Methylphenols	8.82	107	194642	45.514	ng	88
22) Acetophenone	8.87	105	244600	40.884	ng	# 90
24) Nitrobenzene	9.25	77	200944	48.297	ng	95
25) Isophorone	9.78	82	385399	44.927	ng	99
26) 2-Nitrophenol	9.96	139	84792	59.124	ng	# 87
27) 2,4-Dimethylphenol	10.02	122	147853	49.048	ng	92
28) bis(2-Chloroethoxy)methane	10.26	93	199677	43.315	ng	96
29) 2,4-Dichlorophenol	10.50	162	172302	52.531	ng	90
30) 1,2,4-Trichlorobenzene	10.72	180	181520	46.152	ng	99
31) Naphthalene	10.90	128	442247	44.078	ng	97
32) Benzoic acid	10.16	122	83642	41.425	ng	# 86
33) 4-Chloroaniline	11.01	127	135066	31.003	ng	# 93
34) Hexachlorobutadiene	11.19	225	138233	45.192	ng	98
35) Caprolactam	11.79	113	59399m	49.001	ng	
36) 4-Chloro-3-methylphenol	12.13	107	204946	50.125	ng	92
37) 2-Methylnaphthalene	12.50	142	352216	46.303	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	248184	46.614	ng	99
40) Hexachlorocyclopentadiene	12.85	237	307667	92.150	ng	93

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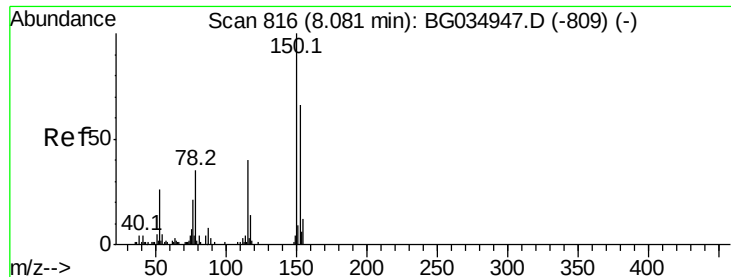
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	162509	50.975	nq	97
43) 2,4,5-Trichlorophenol	13.18	196	181210	51.787	nq	98
45) 1,1'-Biphenyl	13.51	154	479924	41.755	nq	97
46) 2-Chloronaphthalene	13.55	162	379411	43.661	nq	98
47) 2-Nitroaniline	13.75	65	127243	49.586	nq	88
48) Acenaphthylene	14.40	152	632981	43.440	nq	97
49) Dimethylphthalate	14.13	163	644836	51.733	nq	99
50) 2,6-Dinitrotoluene	14.25	165	120633	53.049	nq #	89
51) Acenaphthene	14.74	154	374374	39.323	nq	98
52) 3-Nitroaniline	14.58	138	94915	42.536	nq #	93
53) 2,4-Dinitrophenol	14.78	184	140600	152.776	nq #	65
54) Dibenzofuran	15.07	168	613537	43.029	nq	94
55) 4-Nitrophenol	14.89	139	185265	98.377	nq #	84
56) 2,4-Dinitrotoluene	15.03	165	173271	57.360	nq #	83
57) Fluorene	15.72	166	496354	41.652	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	180080	52.976	nq	91
59) Diethylphthalate	15.49	149	513043	40.342	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	290156	42.700	nq	97
61) 4-Nitroaniline	15.74	138	116487	48.678	nq	87
62) Azobenzene	16.00	77	501242	40.221	nq	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	104352	61.662	nq	82
65) n-Nitrosodiphenylamine	15.93	169	446664	40.127	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	199300	44.650	nq	94
67) Hexachlorobenzene	16.73	284	204600	45.034	nq #	92
68) Atrazine	16.87	200	203715	42.915	nq	96
69) Pentachlorophenol	17.07	266	252029	82.497	nq	99
70) Phenanthrene	17.46	178	794390	42.190	nq	97
71) Anthracene	17.55	178	813442	43.129	nq	98
72) Carbazole	17.82	167	735019	42.002	nq	99
73) Di-n-butylphthalate	18.37	149	803533	38.525	nq #	98
74) Fluoranthene	19.46	202	1008819	41.174	nq	96
76) Benzidine	19.65	184	596659	41.472	nq	97
77) Pyrene	19.83	202	998925	39.183	nq	99
79) Butylbenzylphthalate	20.71	149	376727	40.695	nq	95
80) Benzo(a)anthracene	21.67	228	1032353	41.775	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	304930	32.798	nq #	98
82) Chrysene	21.73	228	968124	42.788	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	515797	39.432	nq #	98
84) Di-n-octyl phthalate	22.78	149	885232	39.447	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.57	276	1136742	42.897	nq #	87
87) Benzo(b)fluoranthene	23.88	252	1027693	44.228	nq #	95
88) Benzo(k)fluoranthene	23.95	252	952579	41.908	nq #	96
89) Benzo(a)pyrene	24.75	252	977214	44.693	nq #	95
90) Dibenzo(a,h)anthracene	28.63	278	927367	42.965	nq #	96
91) Benzo(g,h,i)perylene	29.71	276	931811	44.113	nq #	93

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



#1

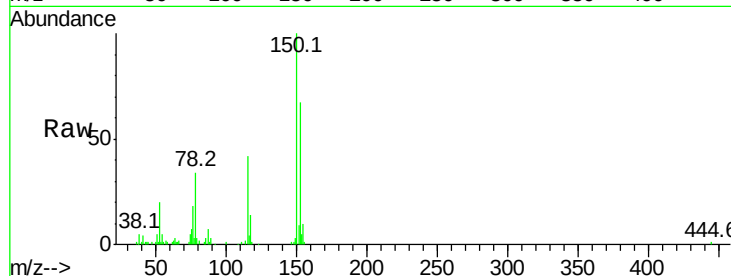
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

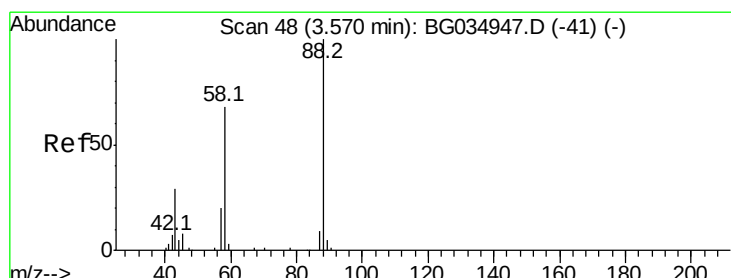
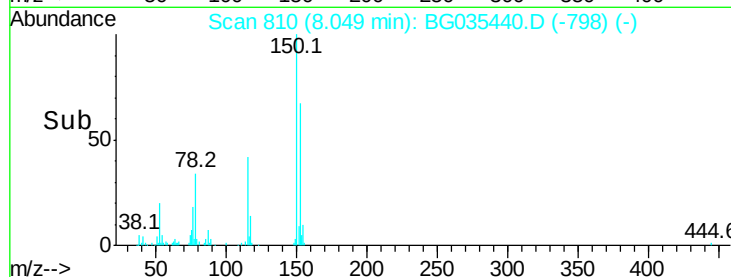
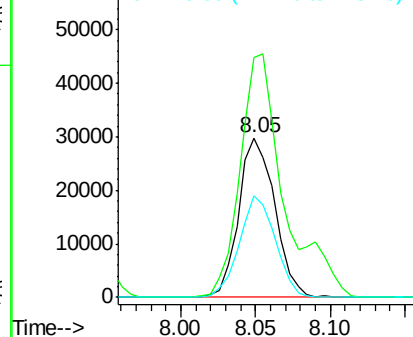
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.6	189.8
115	63.7	53.0	79.4

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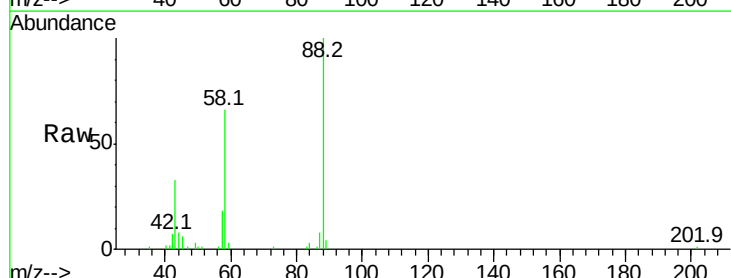
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



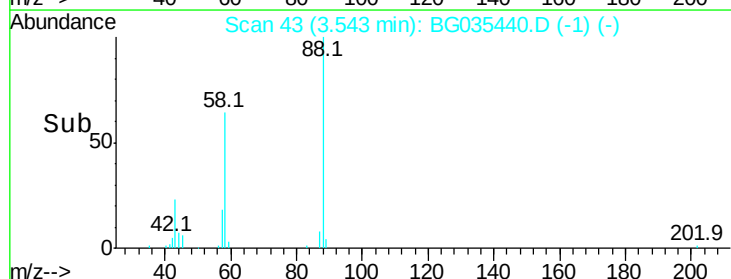
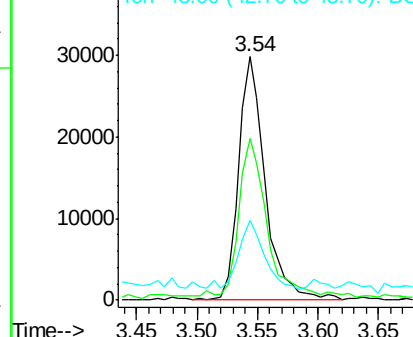
#2

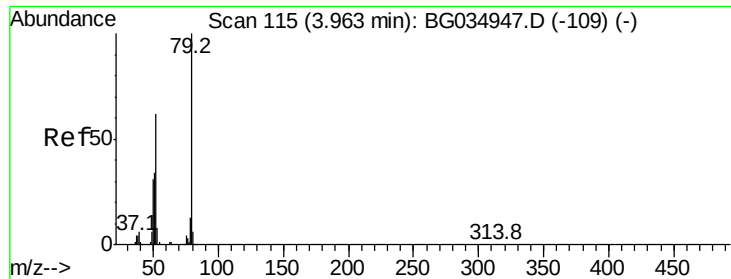
1,4-Dioxane
Concen: 32.336 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	79.6	119.4#
43	27.5	27.4	41.0



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





#3

Pvridine

Concen: 29.051 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

ClientSampled :

PE-1MSD

Tot Ion: 79 Resp: 110803

Ion Ratio Lower Upper

79 100

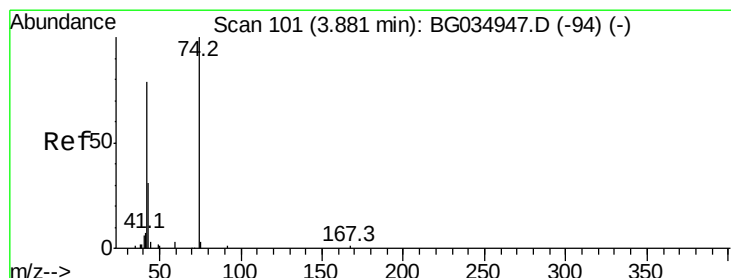
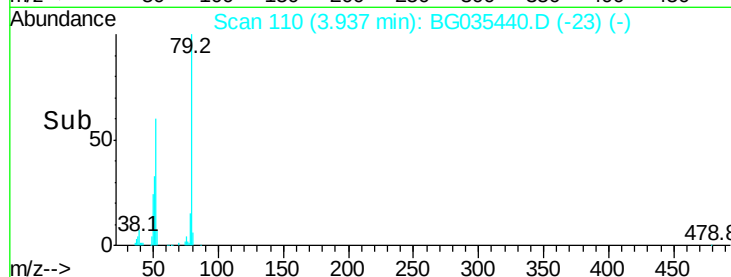
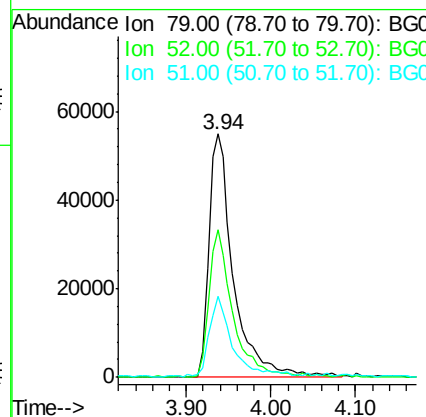
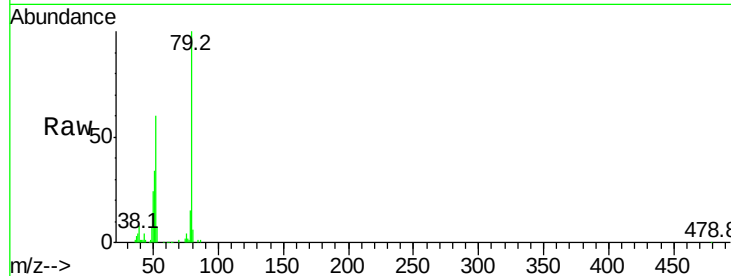
52 60.4 69.9 104.9#

51 33.5 34.0 51.0#

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#4

n-Nitrosodimethylamine

Concen: 35.450 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

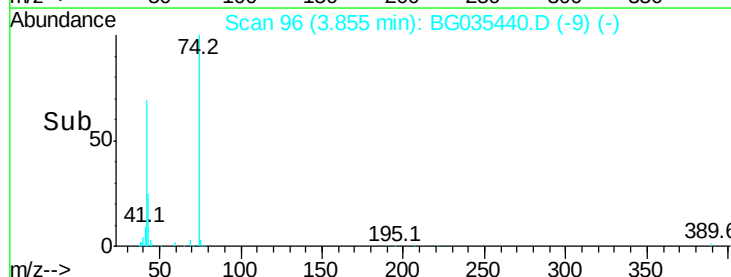
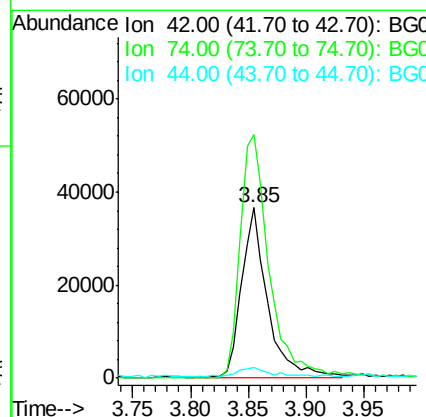
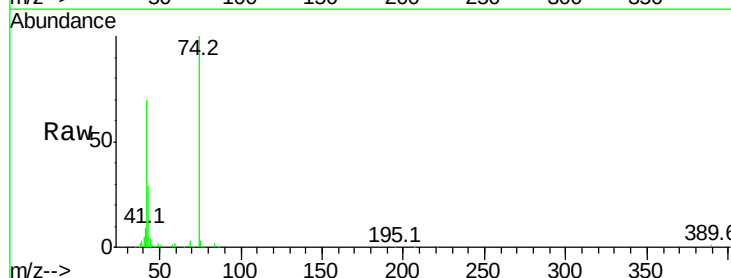
Tgt Ion: 42 Resp: 58088

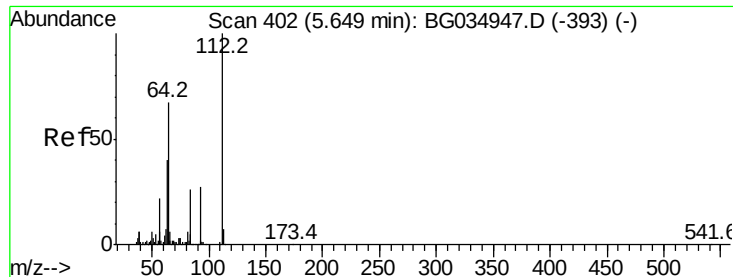
Ion Ratio Lower Upper

42 100

74 143.2 102.5 153.7

44 6.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 142.620 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

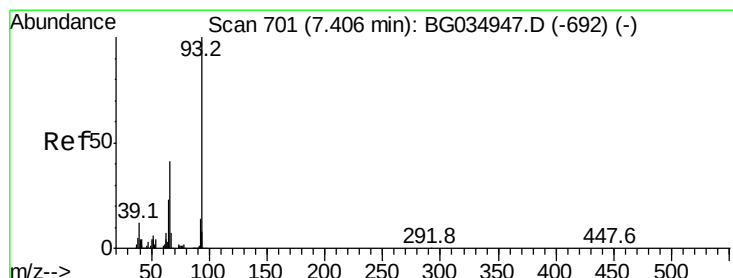
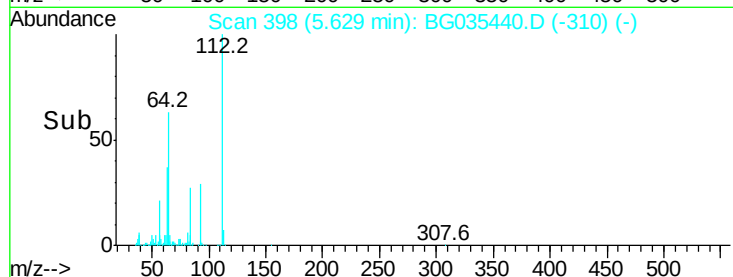
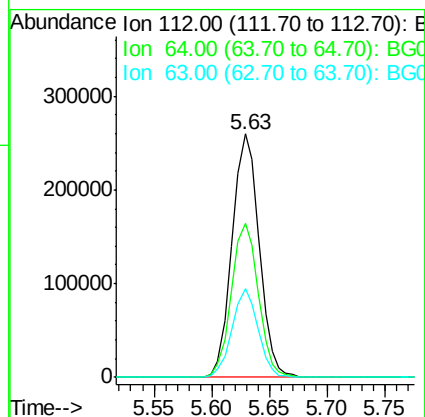
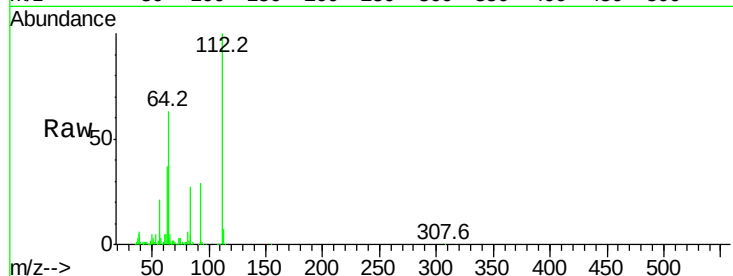
ClientSampleId :

PE-1MSD

Tot Ion:	112	Resp:	422550
Ion Ratio	Lower	Upper	
112	100		
64	63.0	56.3	84.5
63	36.5	30.1	45.1

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#6

Aniline

Concen: 38.038 ng

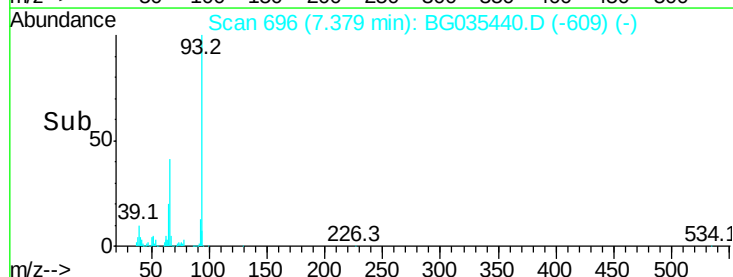
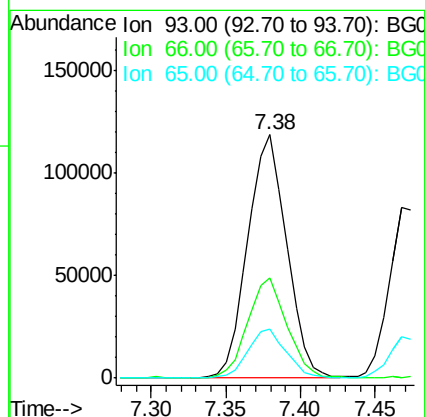
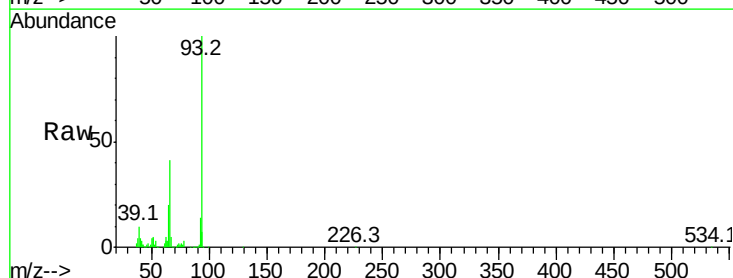
RT: 7.38 min Scan# 696

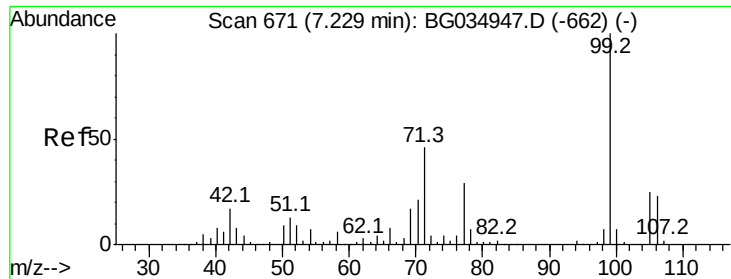
Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion:	93	Resp:	215007
Ion Ratio	Lower	Upper	
93	100		
66	41.1	33.7	50.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 145.499 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

ClientSampled :

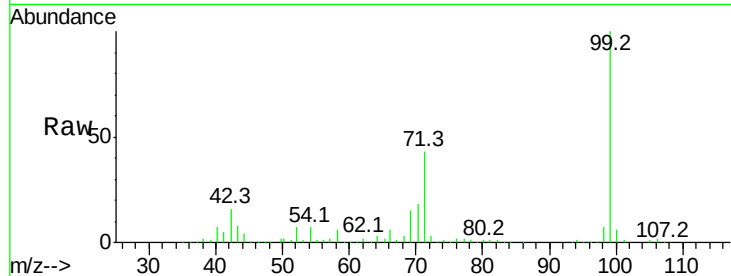
PE-1MSD

Tot Ion: 99 Resp: 636250

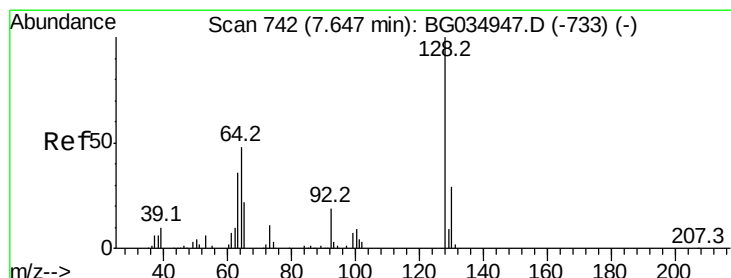
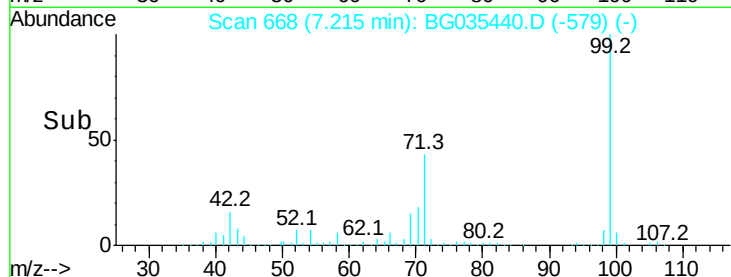
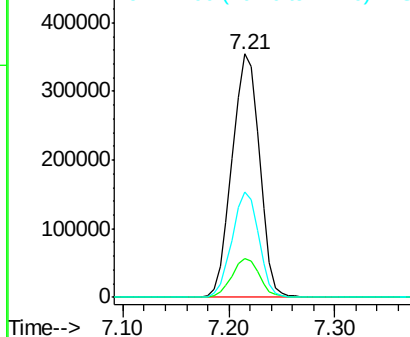
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	43.3	26.1	39.1

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



#8

2-Chlorophenol

Concen: 46.524 ng

RT: 7.62 min Scan# 737

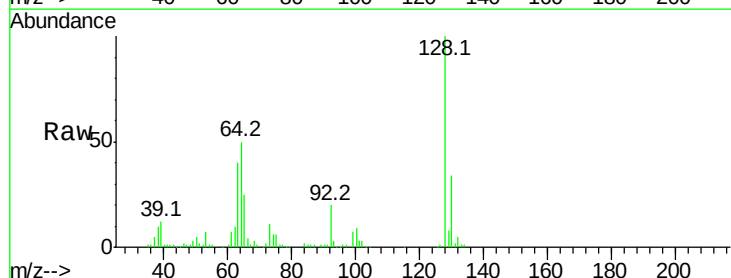
Delta R.T. -0.02 min

Lab File: BG035440.D

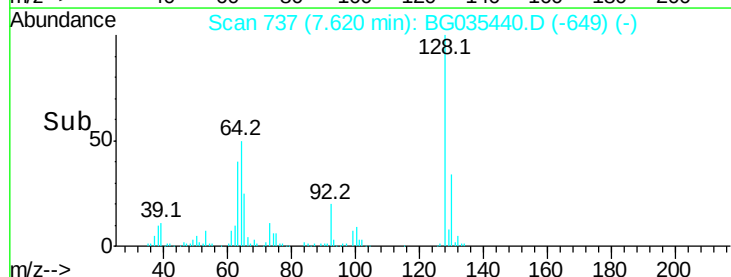
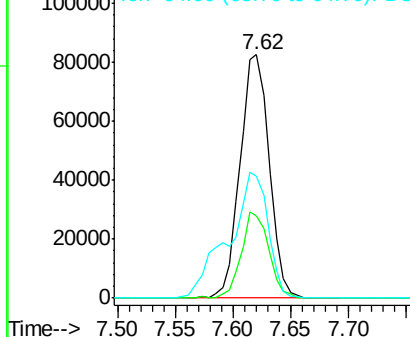
Acq: 27 Jun 2018 11:06

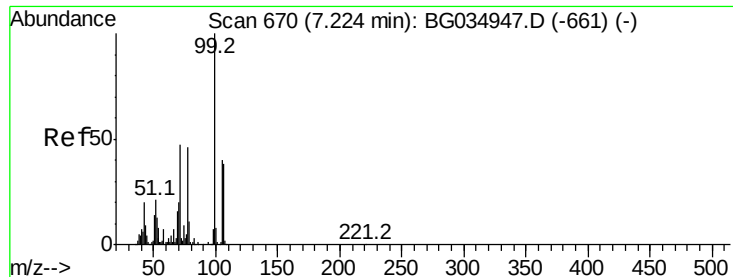
Tgt Ion: 128 Resp: 144484

Ion	Ratio	Lower	Upper
128	100		
130	34.0	14.0	54.0
64	49.9	37.7	77.7



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





#9

Benzaldehyde

Concen: 30.681 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

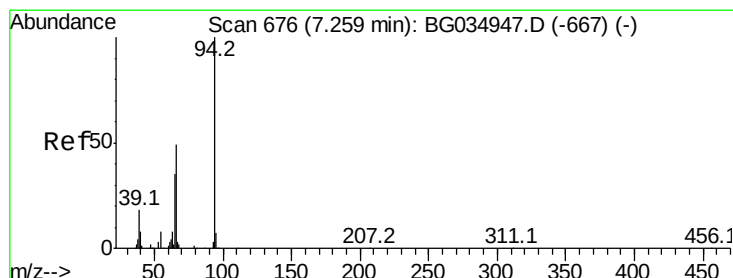
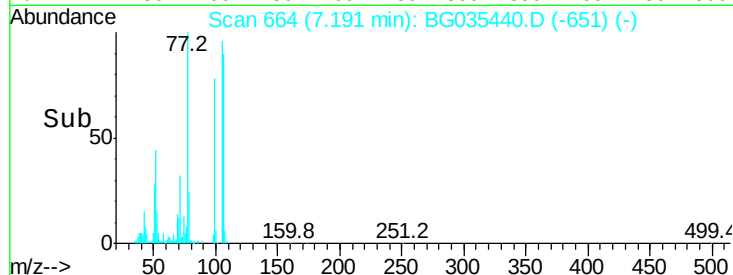
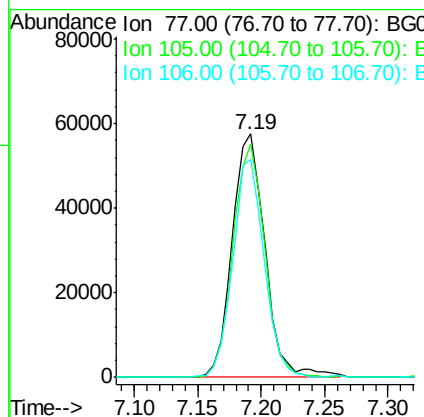
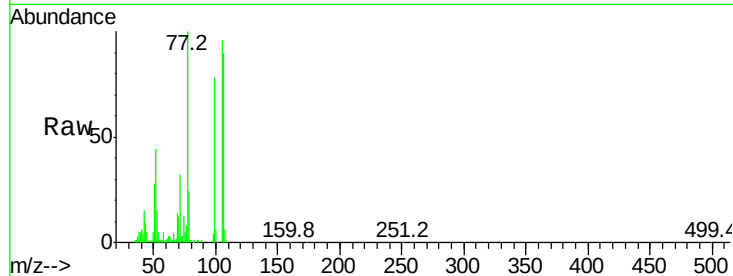
ClientSampled :

PE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	96.0	71.3	111.3		
106	89.6	64.2	104.2		

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#10

Phenol

Concen: 48.658 ng

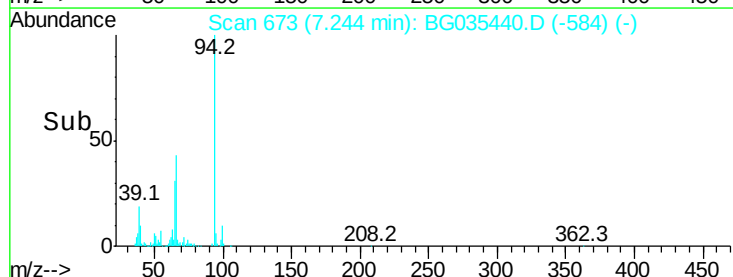
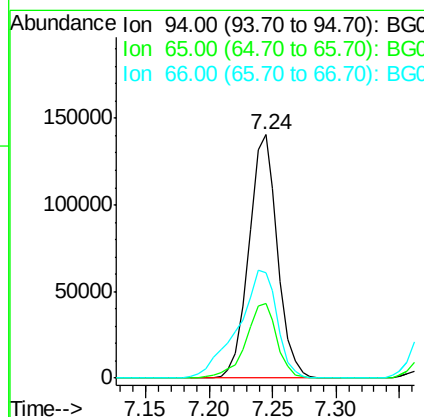
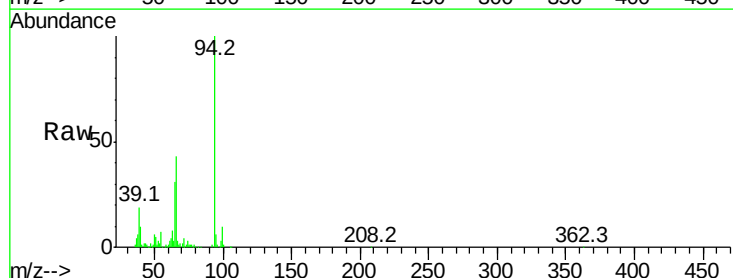
RT: 7.24 min Scan# 673

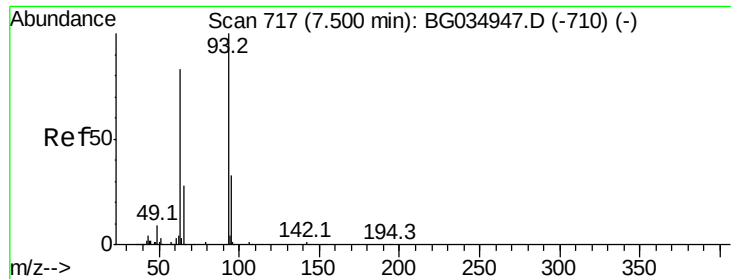
Delta R.T. -0.01 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.5	11.9	51.9		
66	43.1	22.2	62.2		





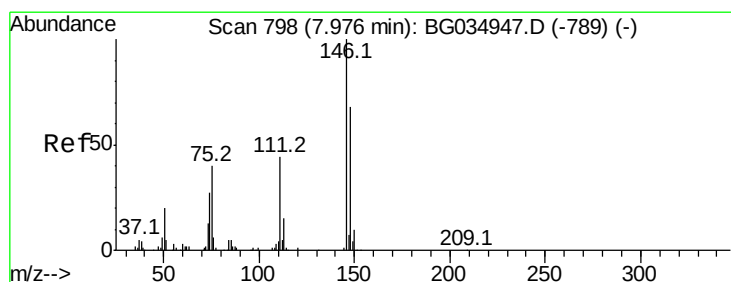
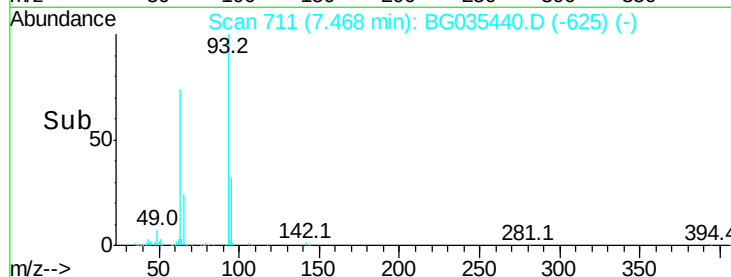
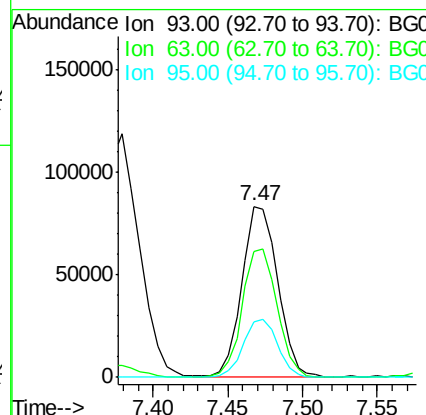
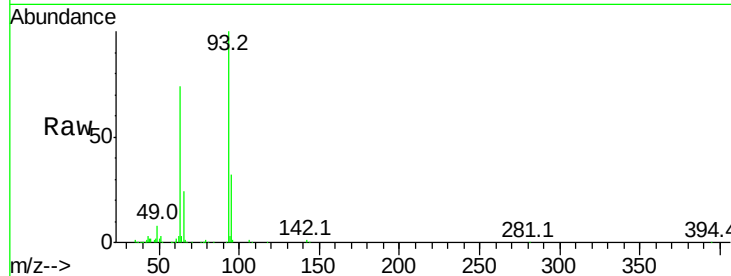
#11
bis(2-Chloroethyl)ether
Concen: 39.345 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.8	67.1	107.1	
95	32.4	11.5	51.5	

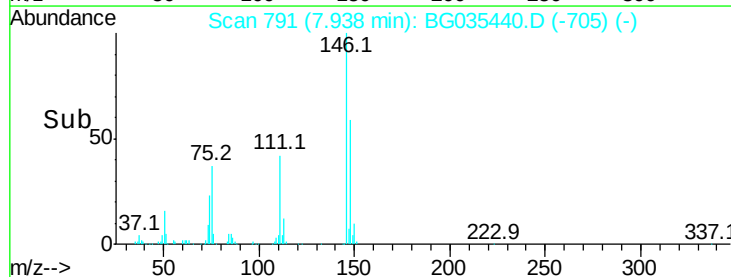
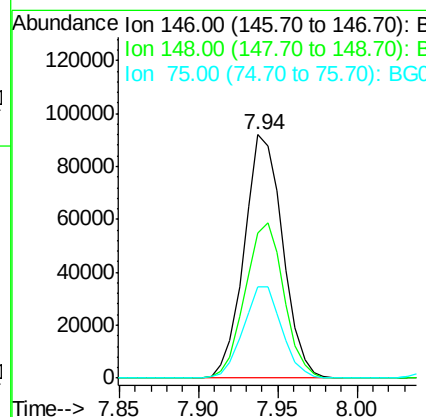
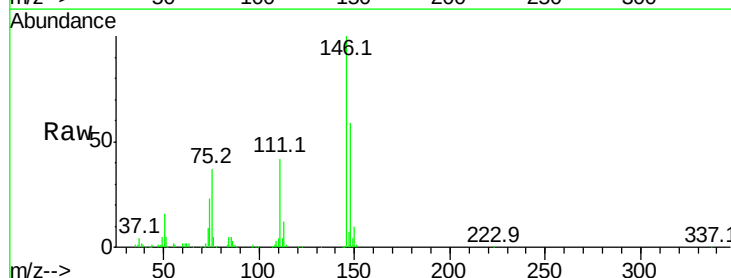
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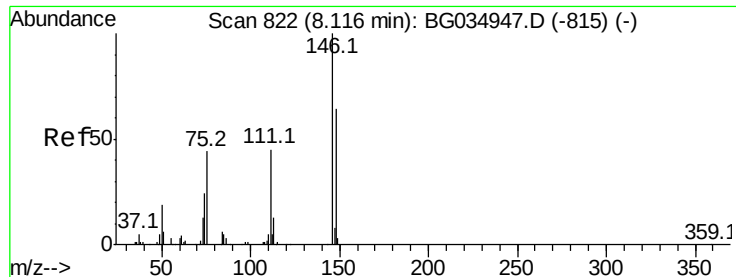
Sohil
6/27/2018 3:32:35 PM



#12
1,3-Dichlorobenzene
Concen: 41.876 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	59.4	51.4	77.2	
75	37.3	26.6	39.8	





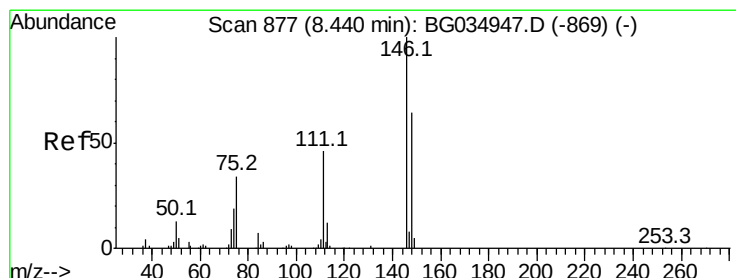
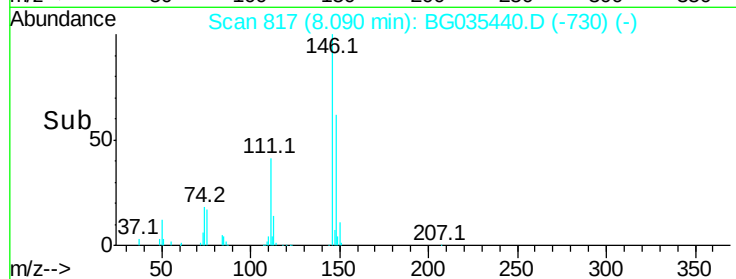
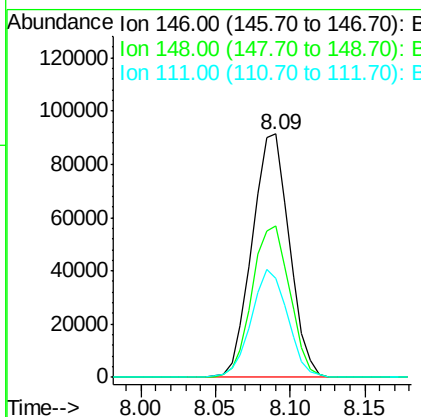
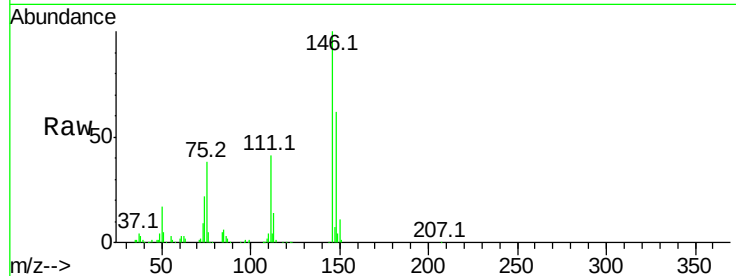
#13
 1,4-Dichlorobenzene
 Concen: 41.159 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	53.7	80.5
111	40.6	35.2	52.8

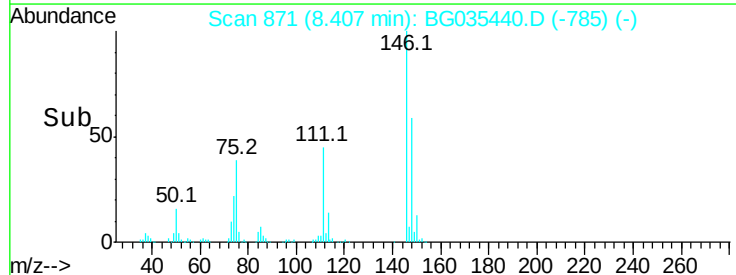
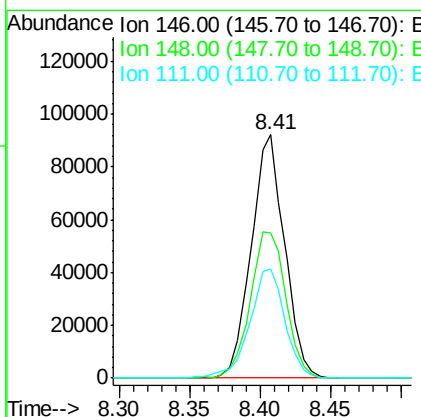
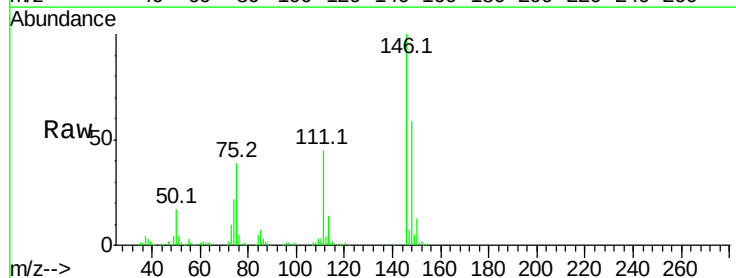
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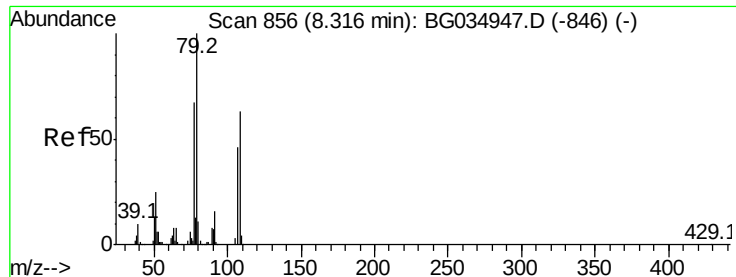
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#14
 1,2-Dichlorobenzene
 Concen: 42.637 ng
 RT: 8.41 min Scan# 871
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.4	49.3	73.9
111	44.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.761 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

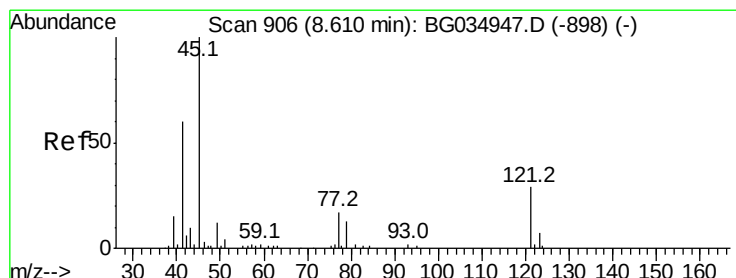
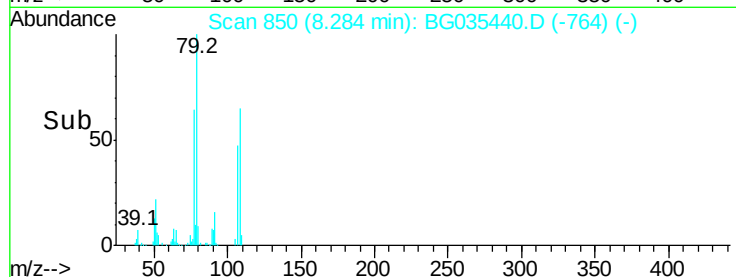
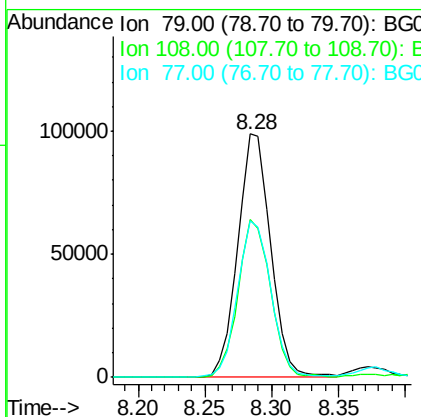
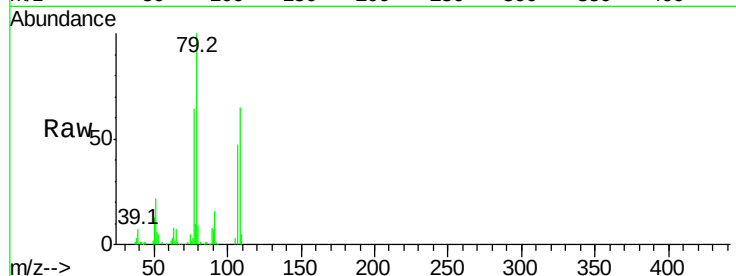
ClientSampled :

PE-1MSD

Tot Ion:	79	Resp:	168895
Ion Ratio	Lower	Upper	
79	100		
108	65.1	57.2	85.8
77	64.2	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.232 ng

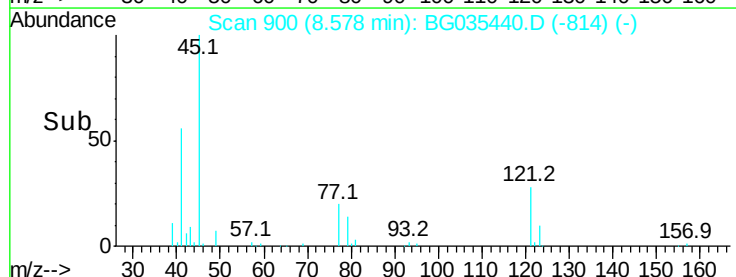
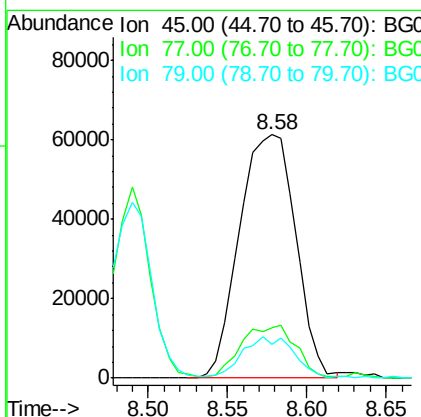
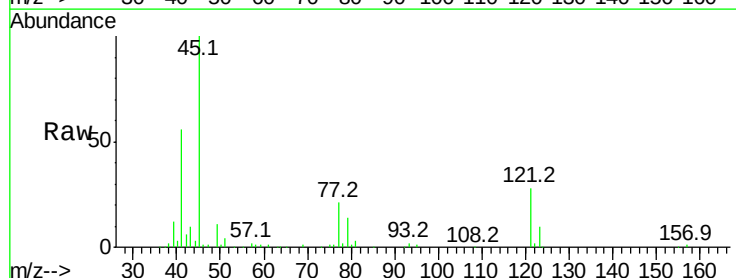
RT: 8.58 min Scan# 900

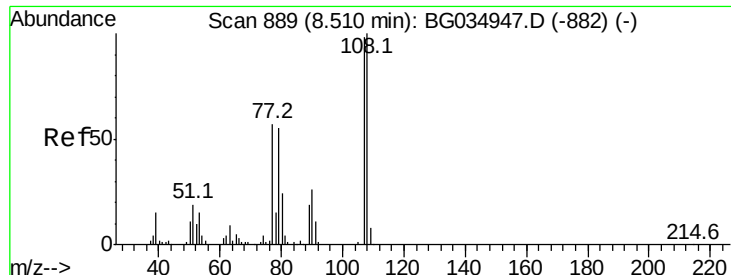
Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion:	45	Resp:	151139
Ion Ratio	Lower	Upper	
45	100		
77	20.7	0.0	30.2
79	14.0	0.0	27.9





#17

2-Methylphenol

Concen: 47.677 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

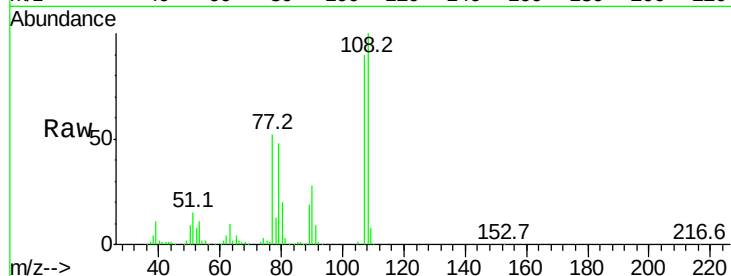
ClientSampled :

PE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	83.9	125.9	
77	57.4	37.2	55.8	
79	52.7	36.2	54.2	

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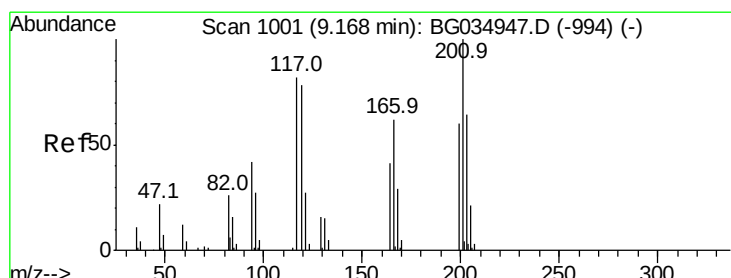
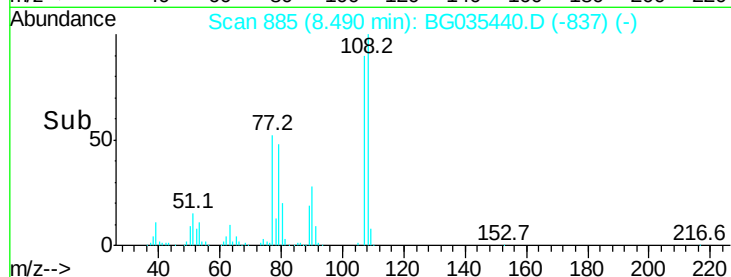
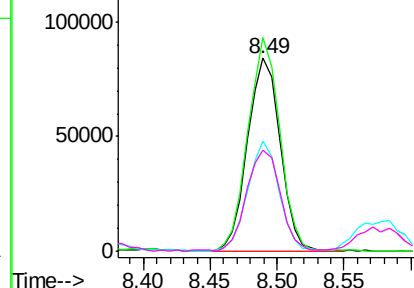
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.046 ng

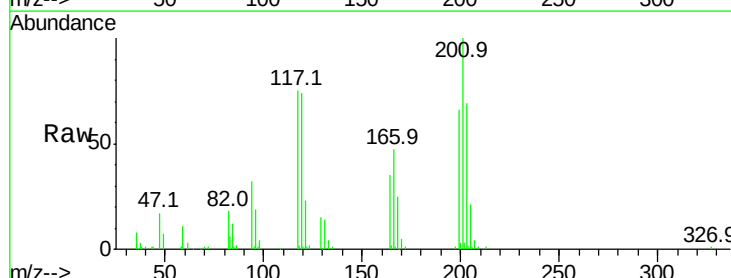
RT: 9.14 min Scan# 995

Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	76.7	115.1	
201	134.2	95.7	143.5	

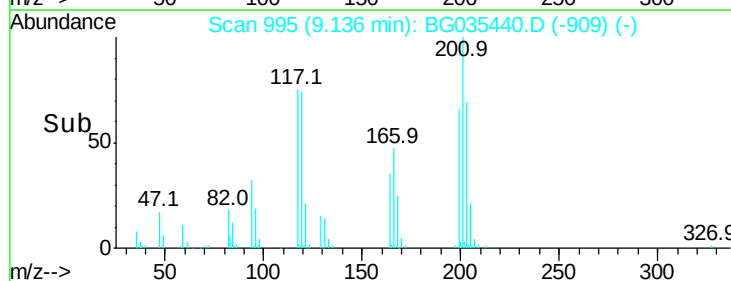
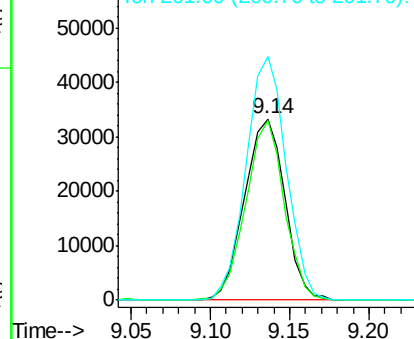


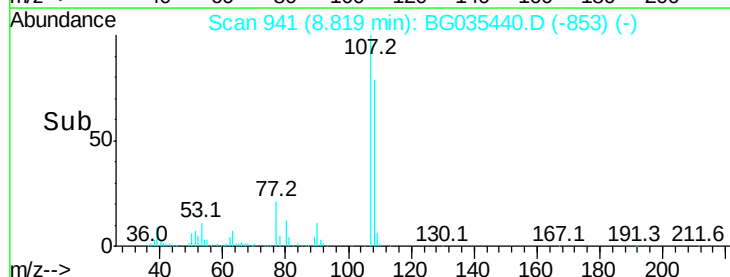
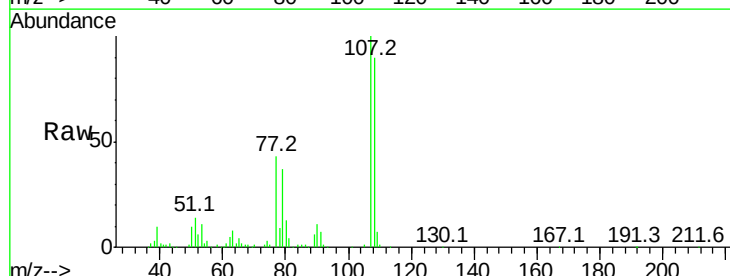
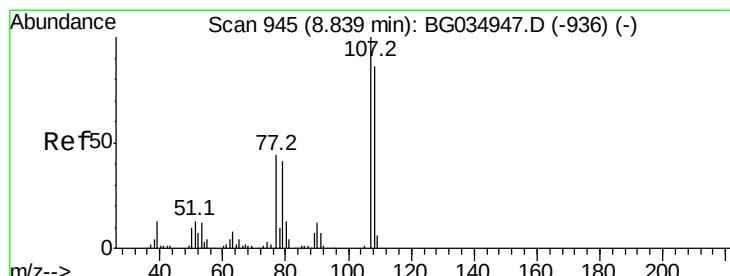
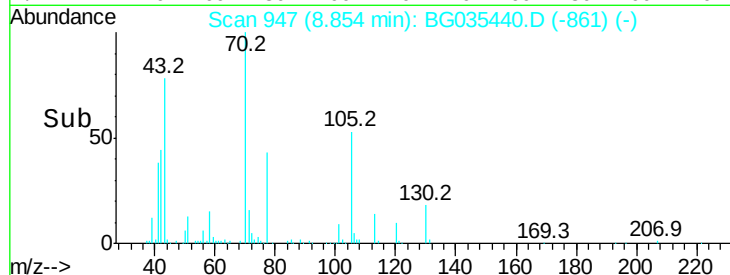
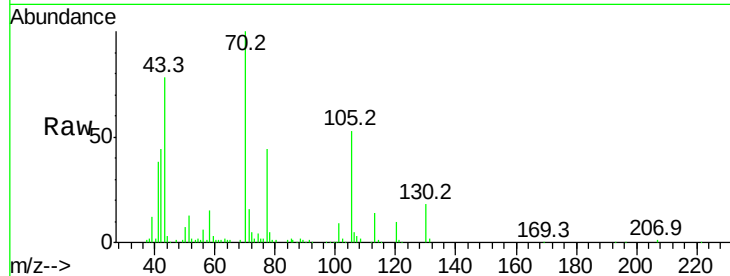
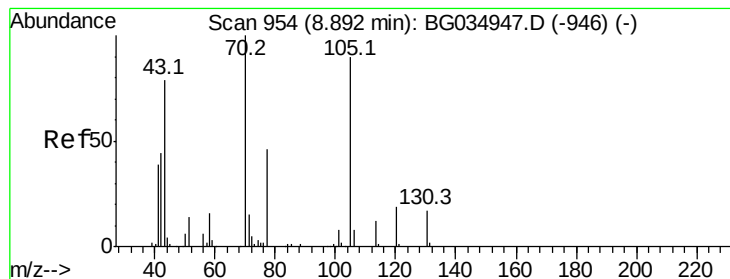
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.399 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

ClientSampleId :

PE-1MSD

Tot Ion: 70 Resp: 135226

Ion Ratio Lower Upper

70 100

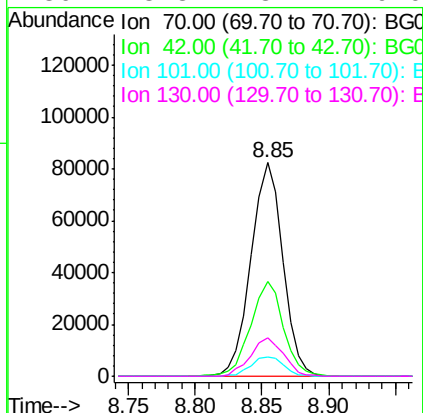
42 44.3 49.1 73.7#

101 9.1 8.5 12.7

130 18.3 13.4 20.0

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#20

3+4-Methylphenols

Concen: 45.514 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion: 107 Resp: 194642

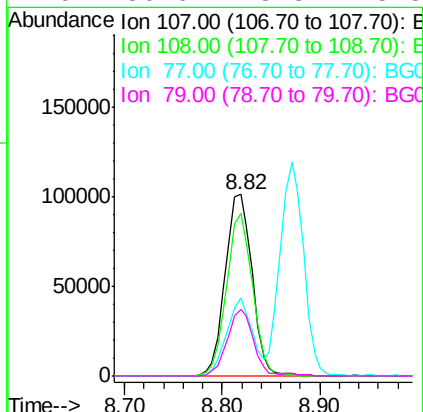
Ion Ratio Lower Upper

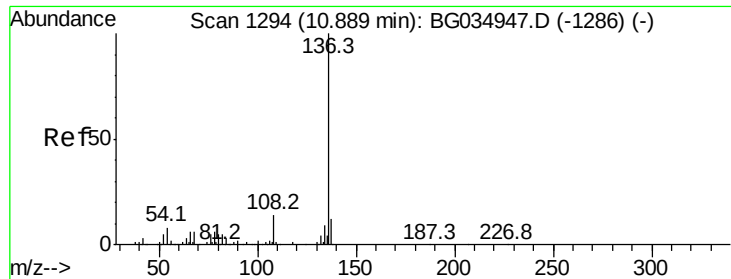
107 100

108 89.7 61.6 101.6

77 42.7 13.9 53.9

79 36.6 8.8 48.8





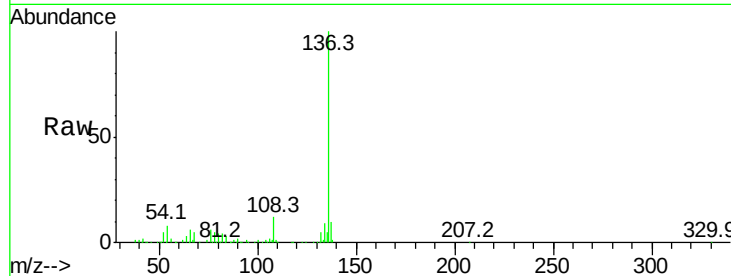
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

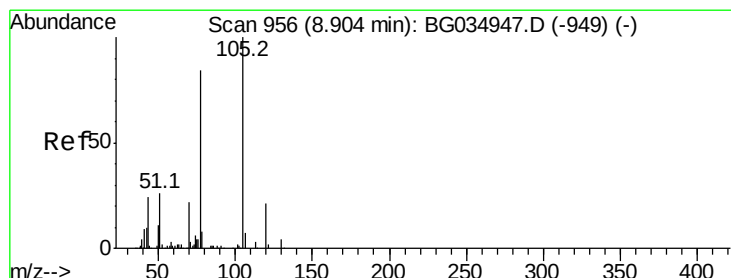
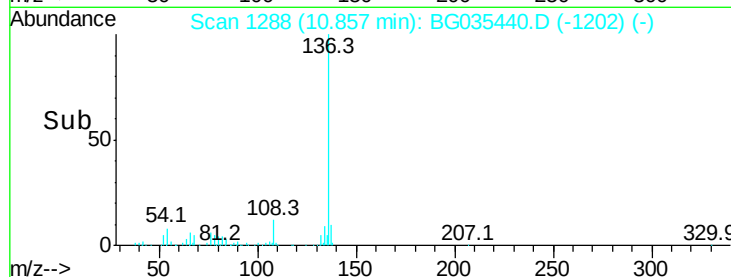
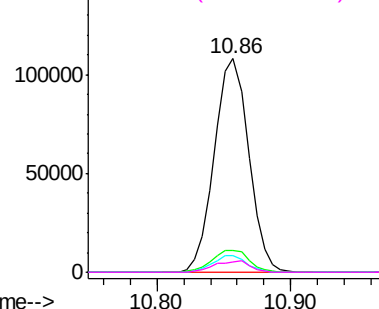
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	9.2	13.8	
54	8.0	10.3	15.5	
68	5.0	4.5	6.7	

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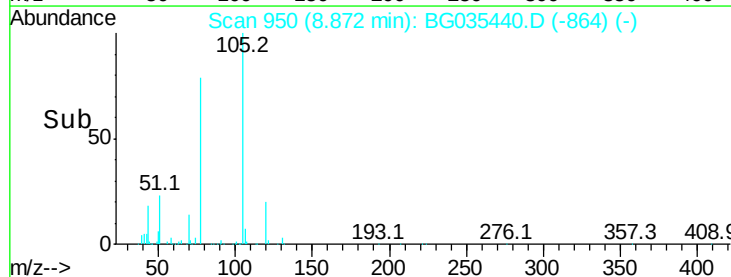
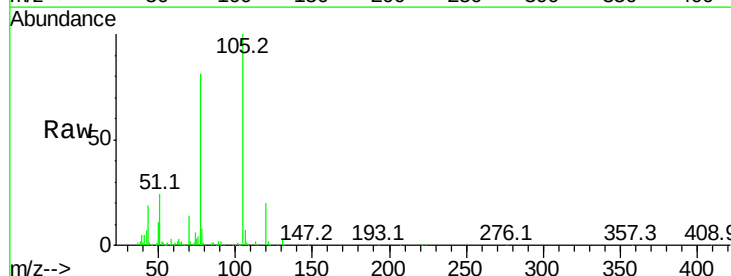
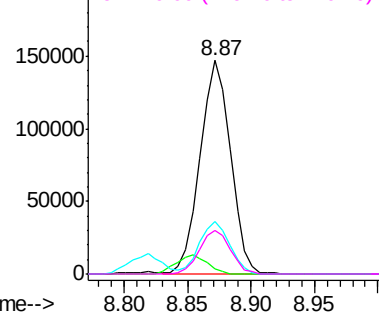
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

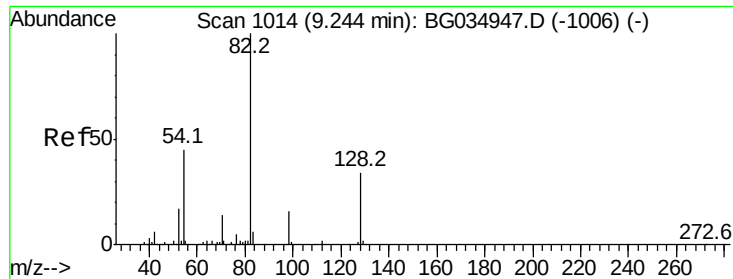


#22
Acetophenone
Concen: 40.884 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	3.0	4.4	
51	24.3	26.1	39.1	
120	20.5	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





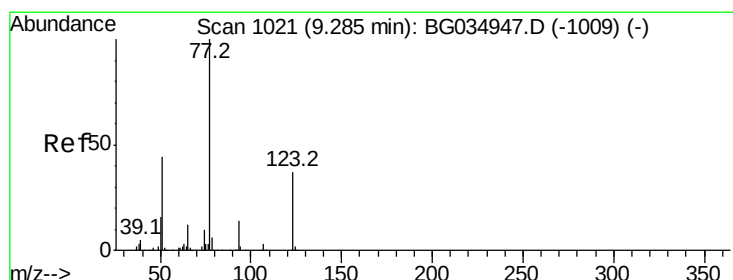
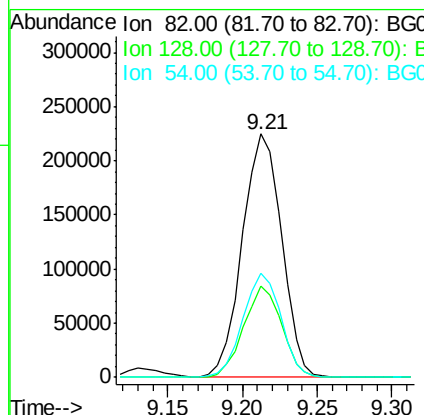
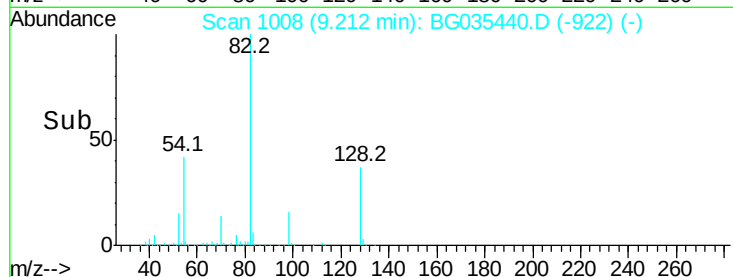
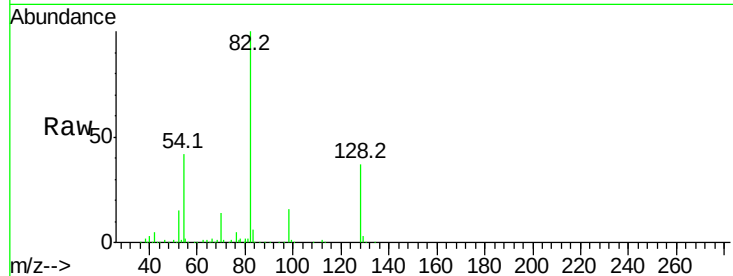
#23
Nitrobenzene-d5
Concen: 101.122 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampled :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.7	44.5
54	42.5	43.1	64.7#

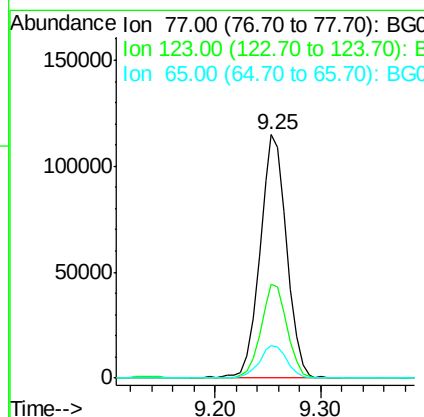
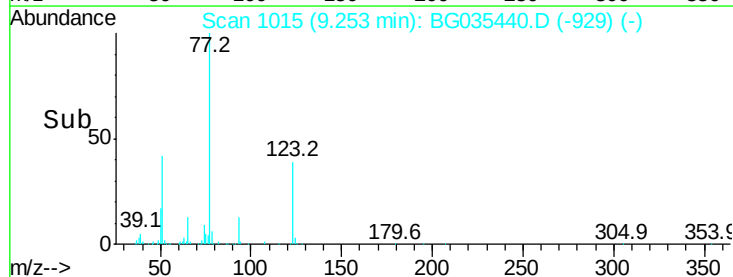
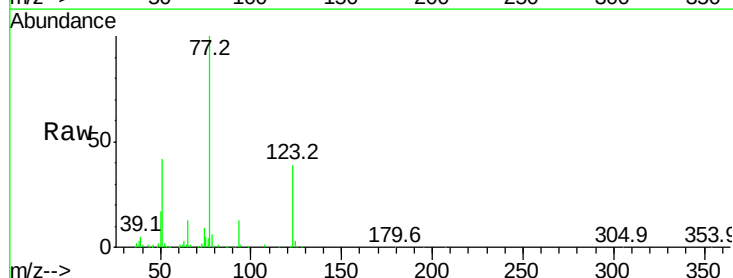
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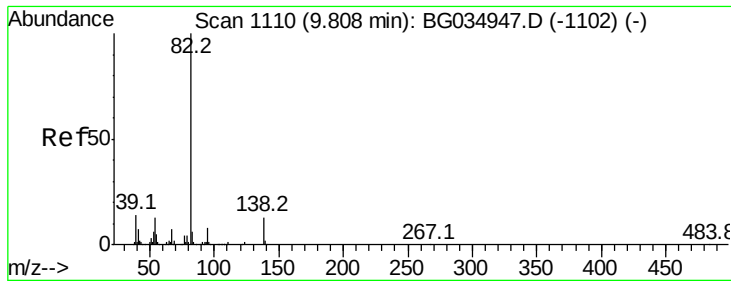
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#24
Nitrobenzene
Concen: 48.297 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	33.0	49.6
65	13.4	13.0	19.6





#25

Isophorone

Concen: 44.927 ng

RT: 9.78 min Scan# 1104

Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

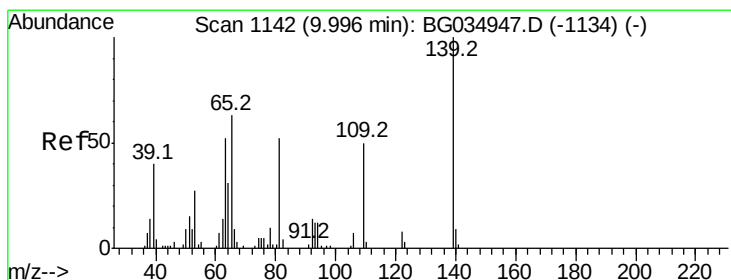
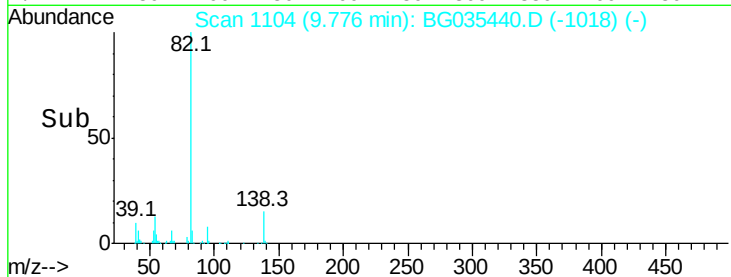
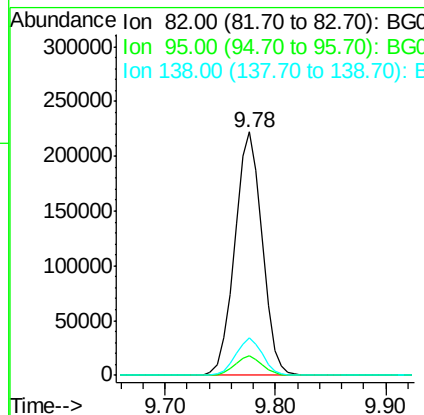
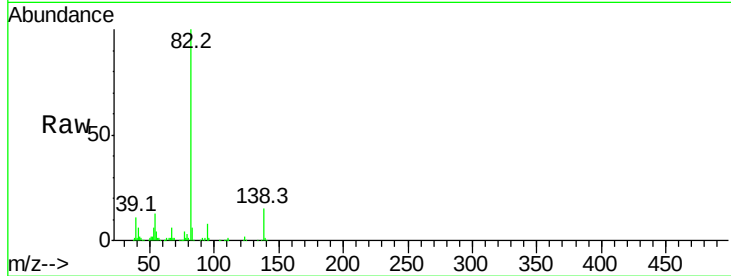
ClientSampled :

PE-1MSD

Tot Ion	82	Resp	385399
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.2	9.2
138	15.3	12.1	18.1

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#26

2-Nitrophenol

Concen: 59.124 ng

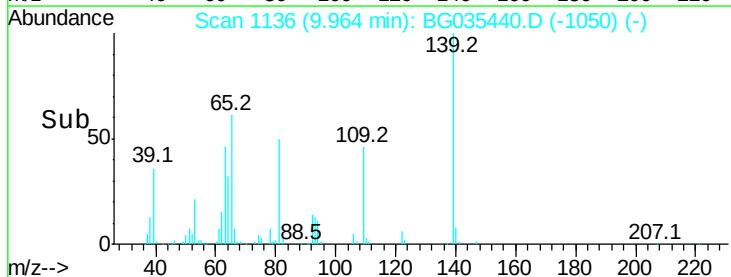
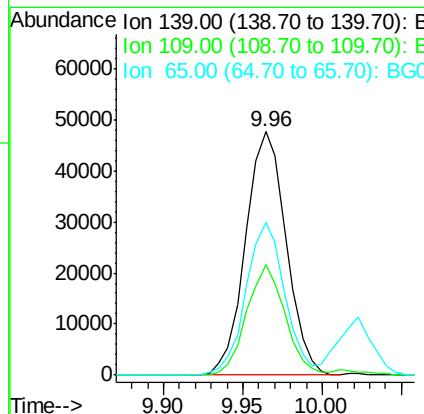
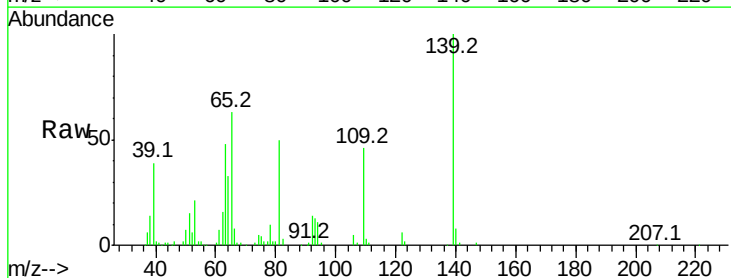
RT: 9.96 min Scan# 1136

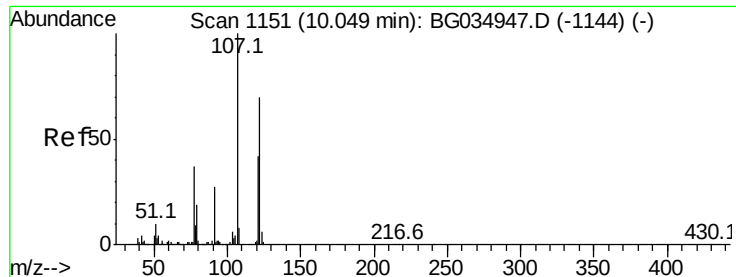
Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion	139	Resp	84792
Ion Ratio	Lower	Upper	
139	100		
109	45.6	24.2	36.2#
65	62.5	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 49.048 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

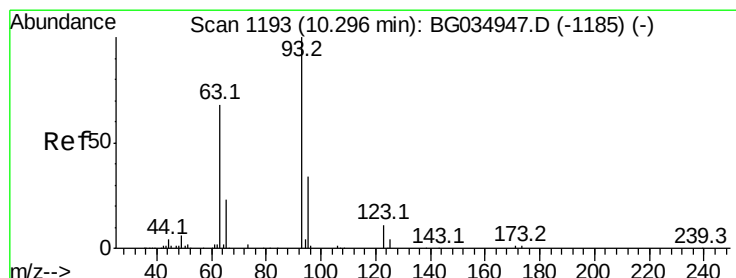
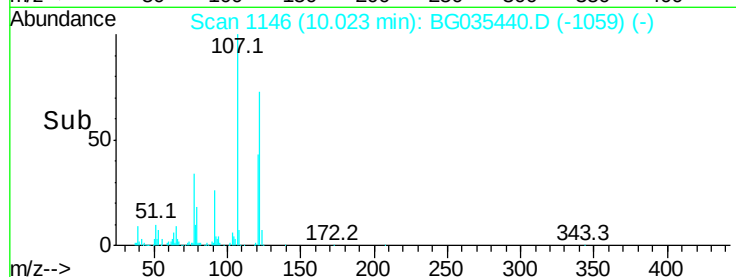
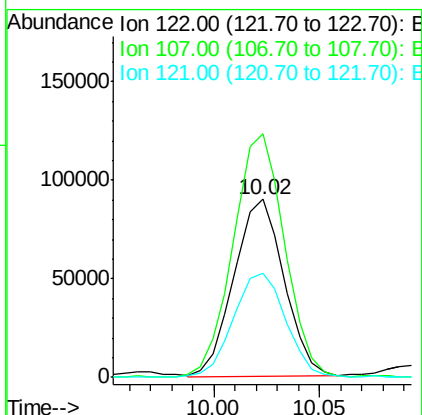
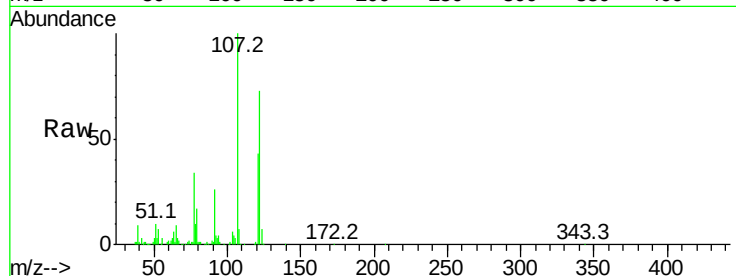
ClientSampleId :

PE-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.9	100.2	150.2
121	58.4	44.4	66.6

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6/27/2018 3:32:35 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.315 ng

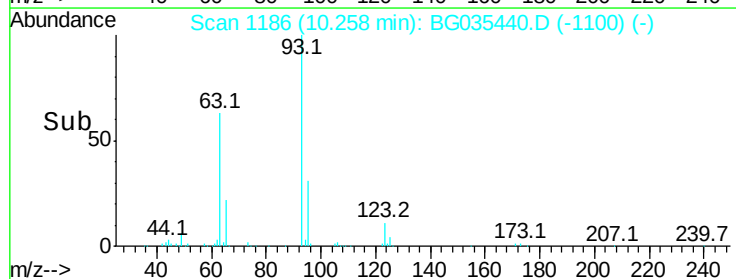
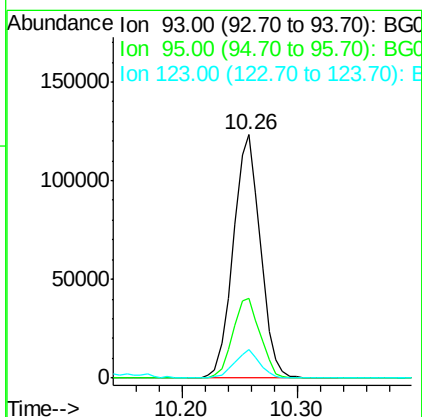
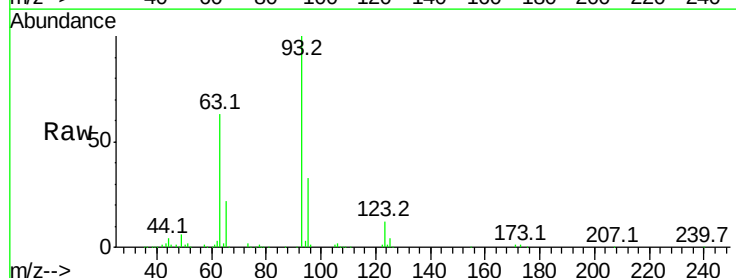
RT: 10.26 min Scan# 1186

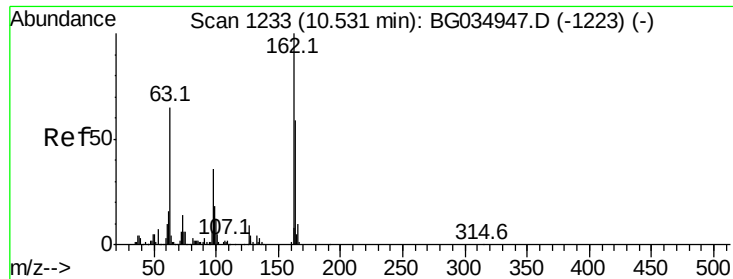
Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	11.6	8.4	12.6





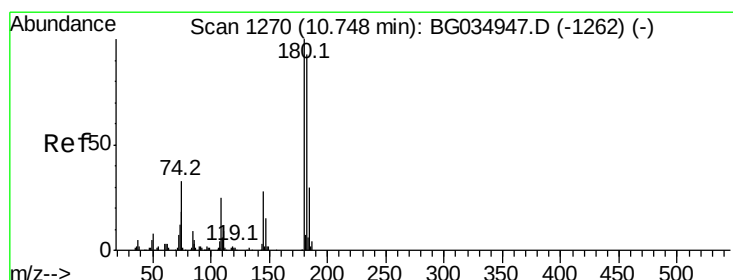
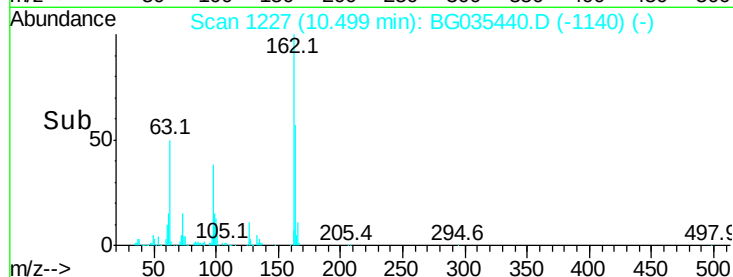
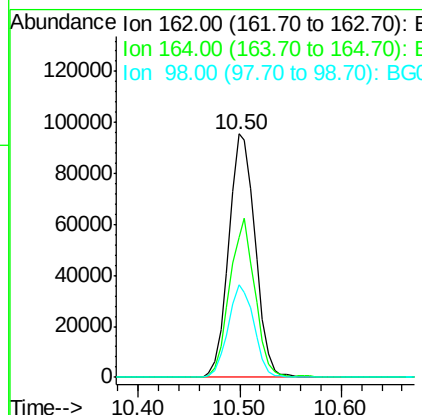
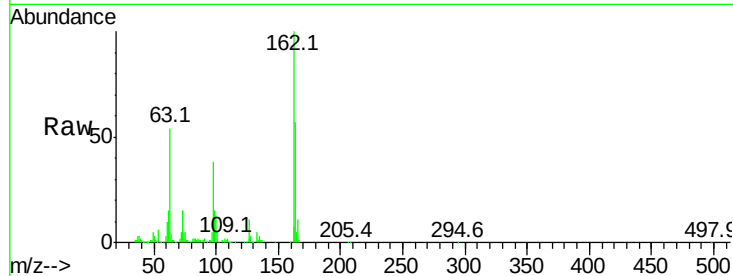
#29
2,4-Dichlorophenol
Concen: 52.531 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	172302		
164	57.3	48.0	88.0	
98	38.0	21.1	61.1	

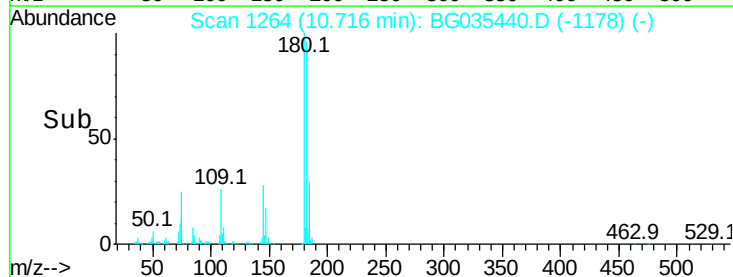
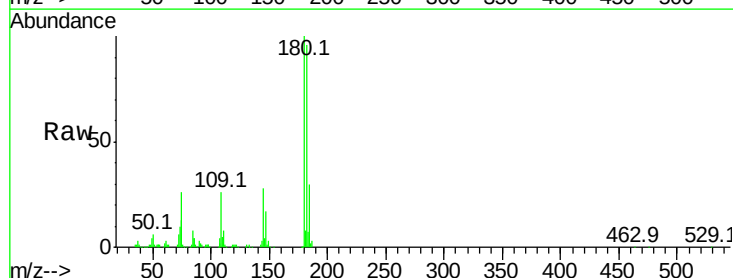
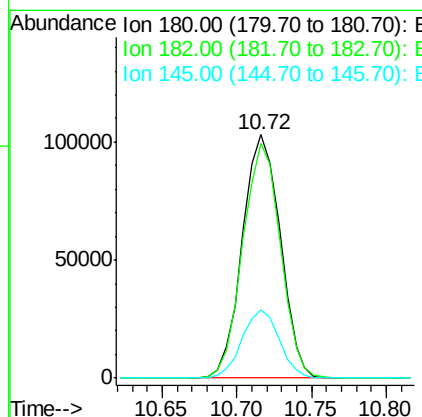
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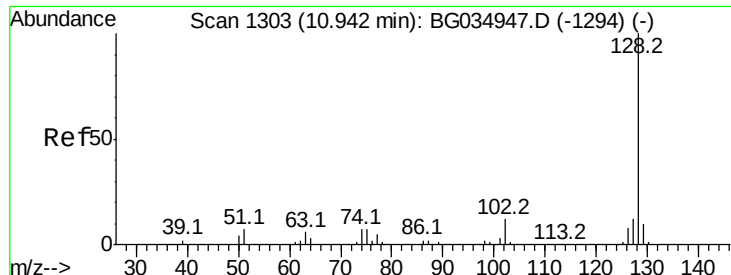
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#30
1,2,4-Trichlorobenzene
Concen: 46.152 ng
RT: 10.72 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181520		
182	96.3	77.5	116.3	
145	27.8	23.4	35.2	





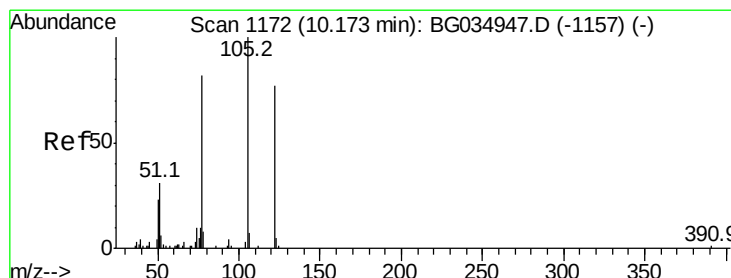
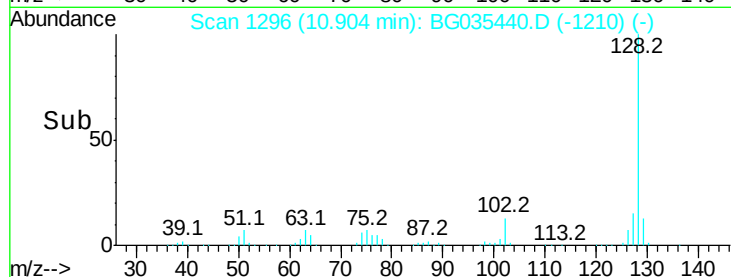
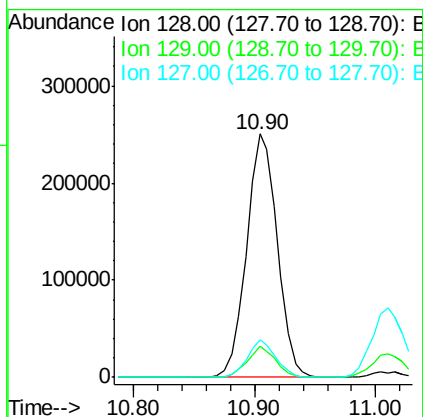
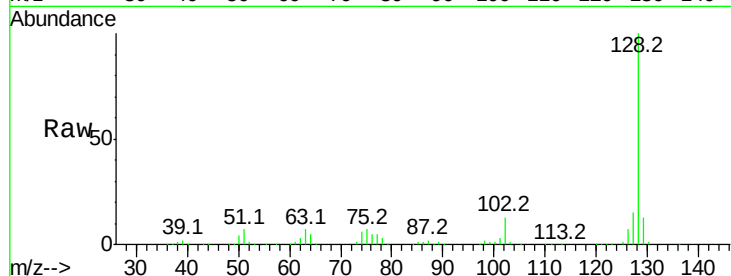
#31
Naphthalene
Concen: 44.078 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.6	12.8
127	15.2	11.6	17.4

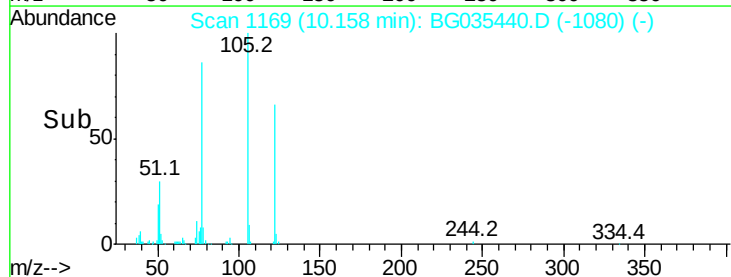
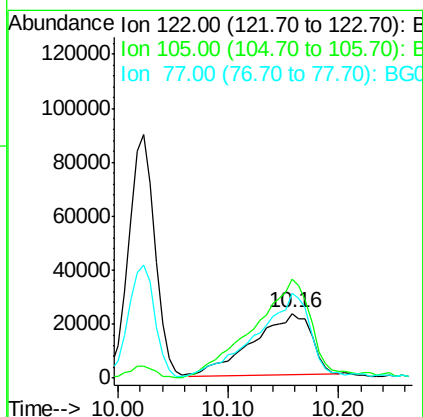
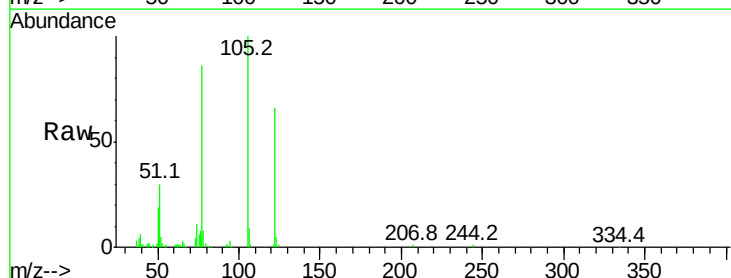
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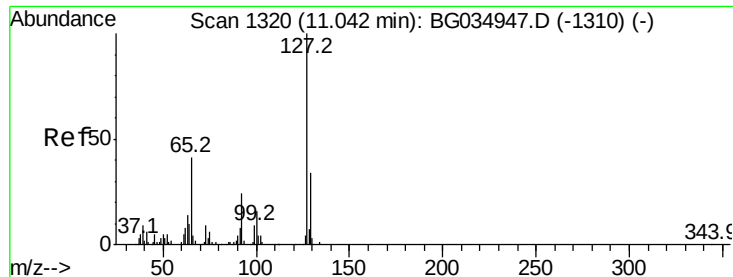
Sohil
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#32
Benzoic acid
Concen: 41.425 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.5	123.5	163.5
77	130.4	85.7	125.7#





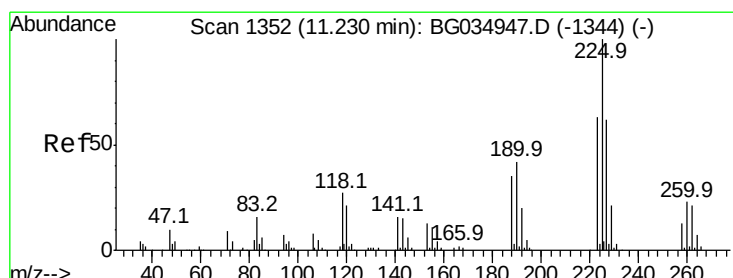
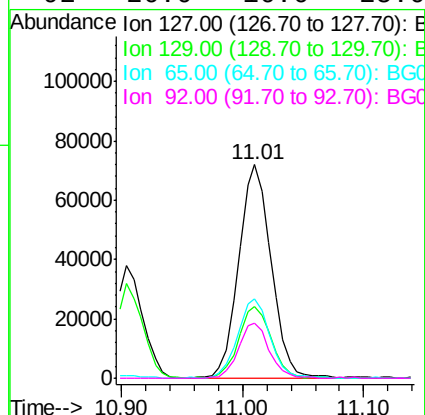
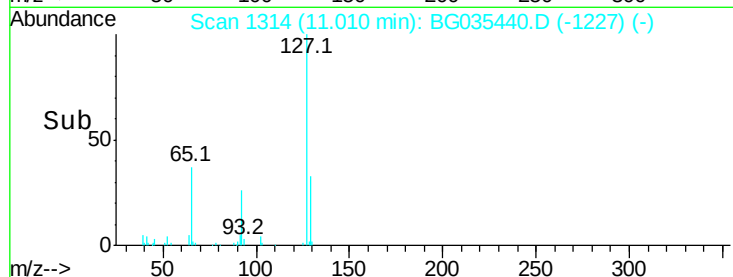
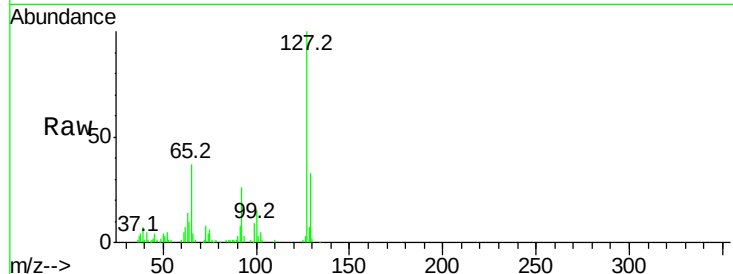
#33
4-Chloroaniline
Concen: 31.003 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.0	36.0
65	37.3	27.0	40.4
92	26.0	16.6	25.0

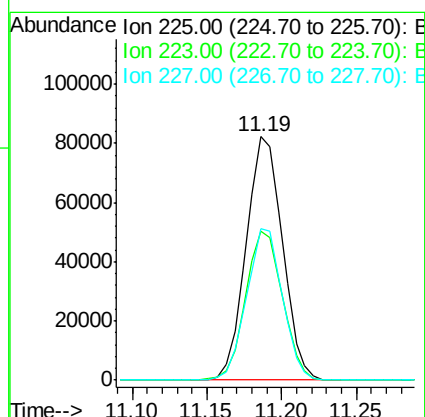
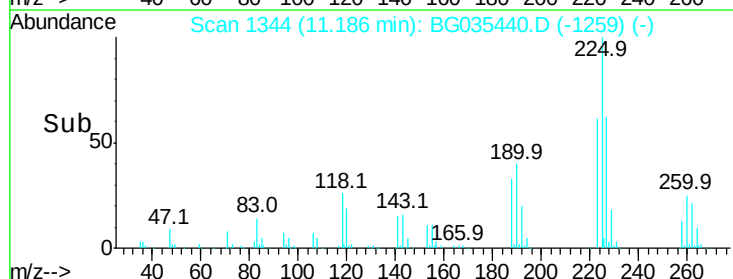
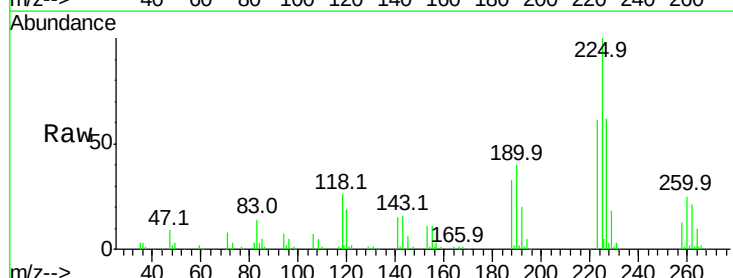
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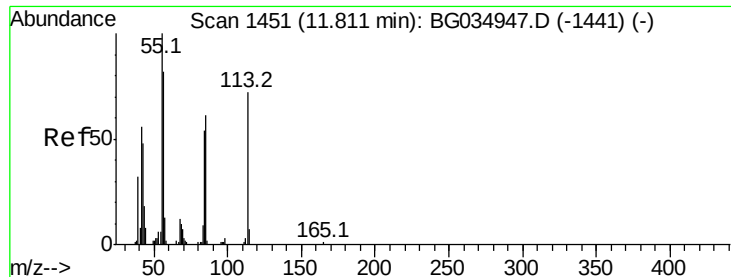
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#34
Hexachlorobutadiene
Concen: 45.192 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	62.1	48.1	72.1





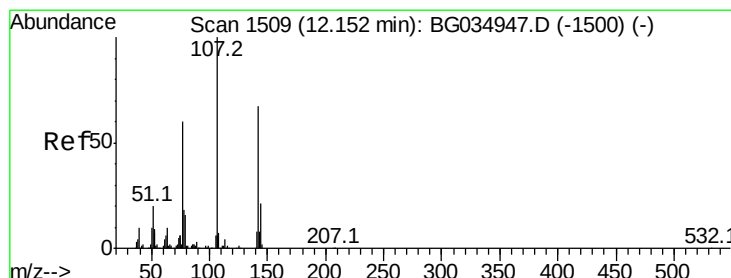
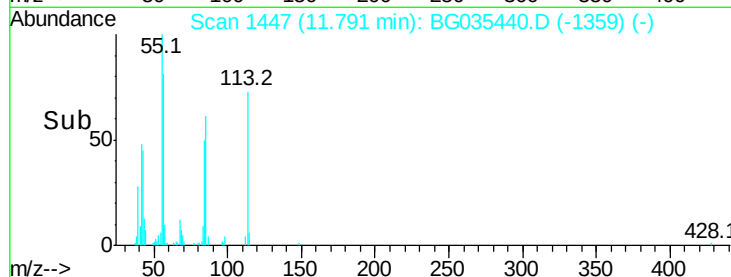
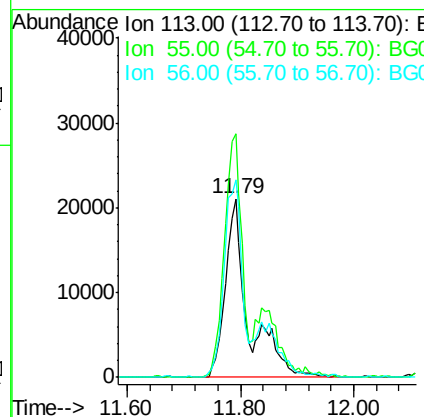
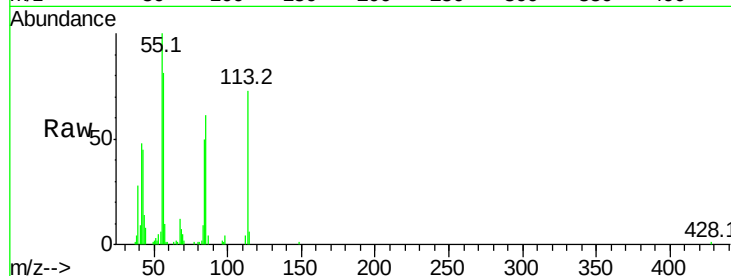
#35
 Caprolactam
 Concen: 49.001 ng/ml
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.5	186.9	226.9#
56	110.6	130.9	170.9#

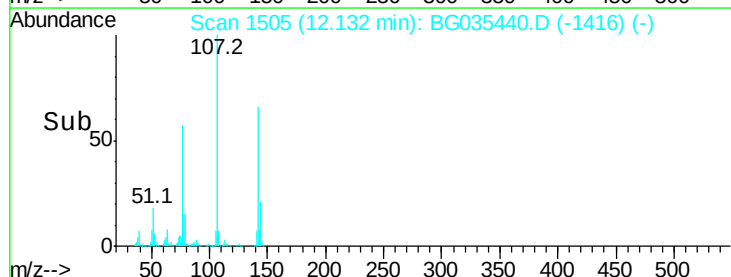
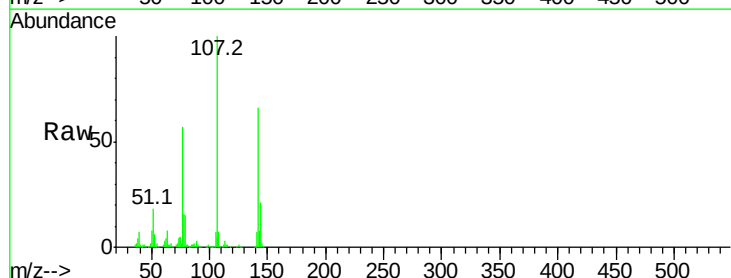
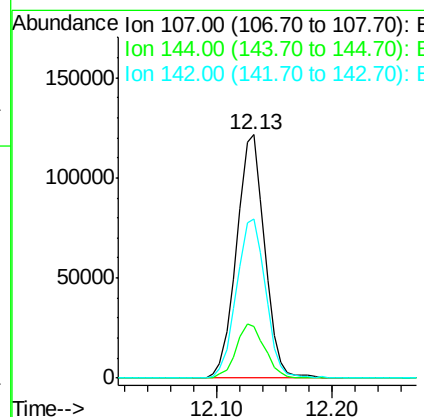
Manual Integrations
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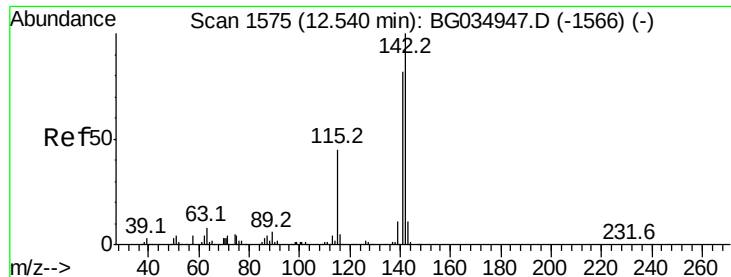
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#36
 4-Chloro-3-methylphenol
 Concen: 50.125 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	18.2	27.4
142	65.5	59.0	88.4





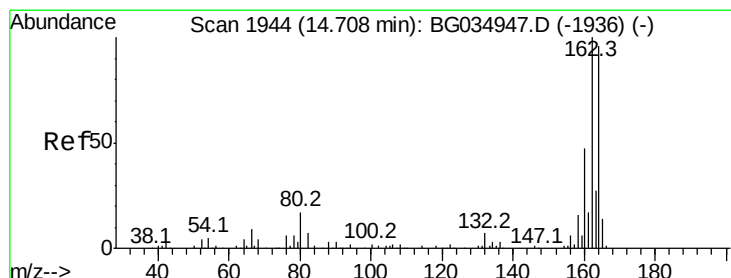
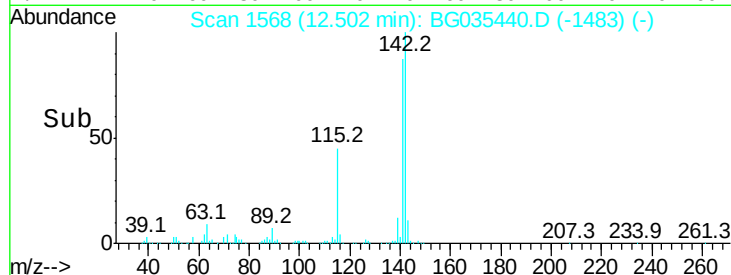
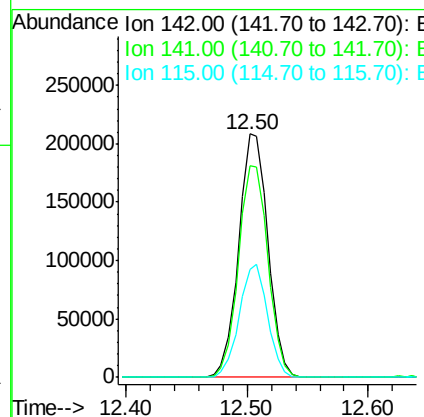
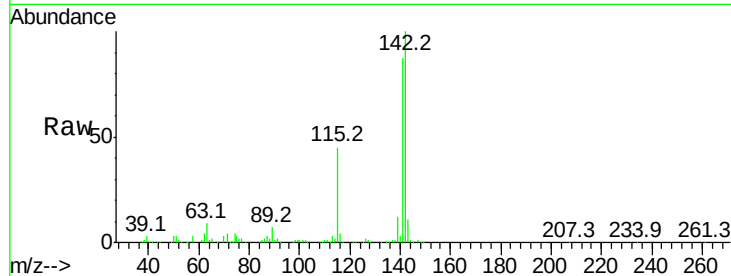
#37
2-Methylnaphthalene
Concen: 46.303 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	67.1	100.7
115	44.5	30.7	46.1

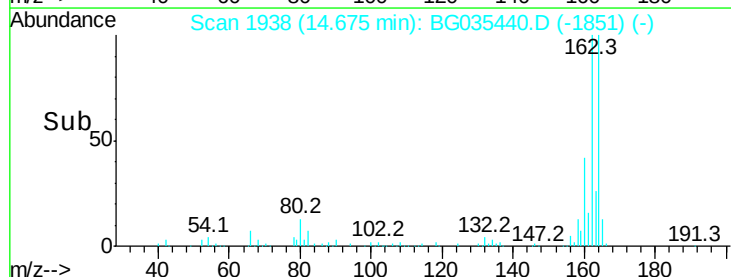
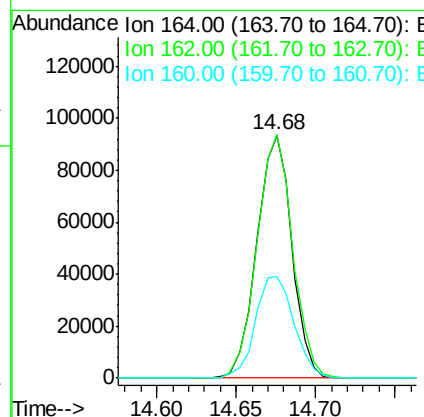
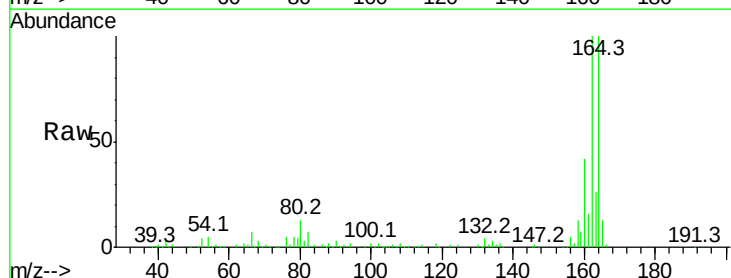
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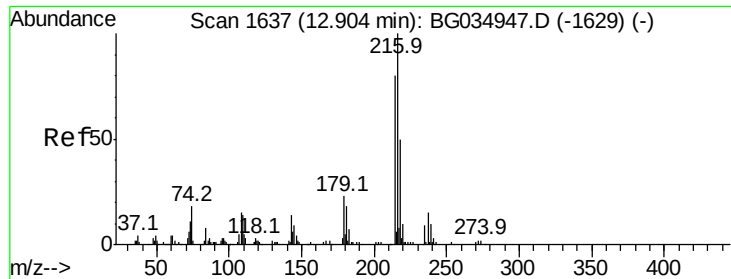
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	42.1	35.4	53.0





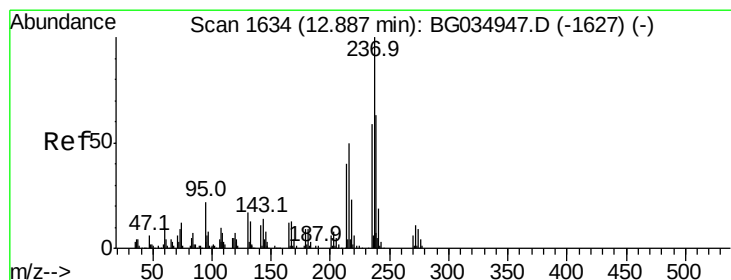
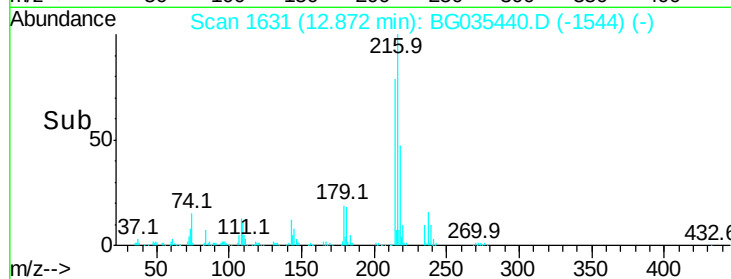
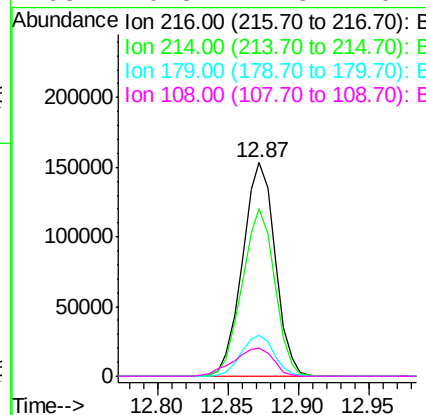
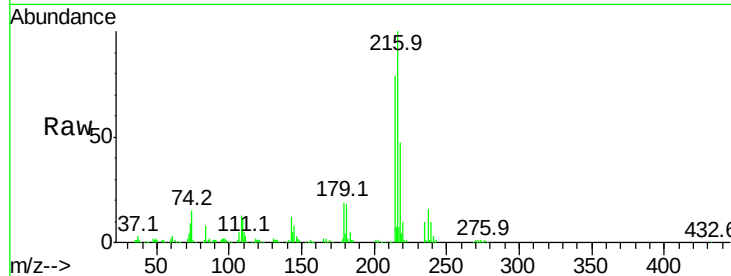
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.614 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	248184		
214	78.2	63.0	94.4	
179	19.2	17.0	25.6	
108	16.3	12.8	19.2	

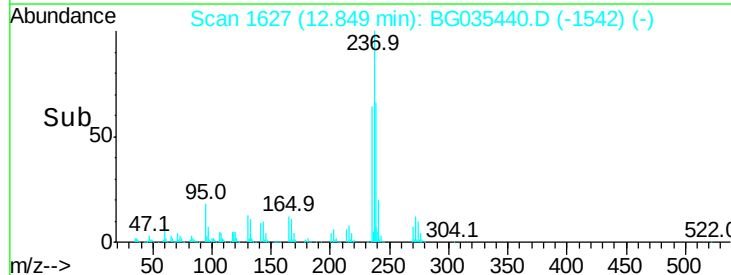
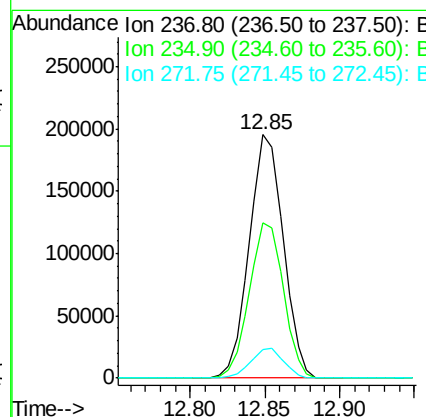
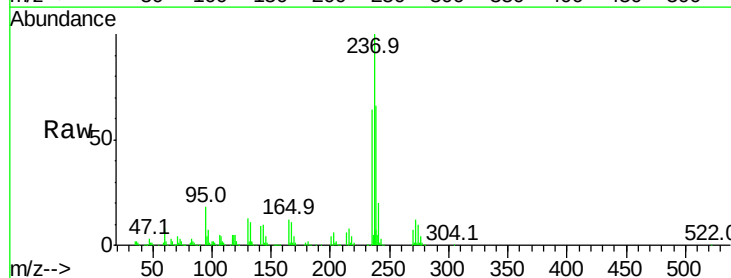
Manual Integrations
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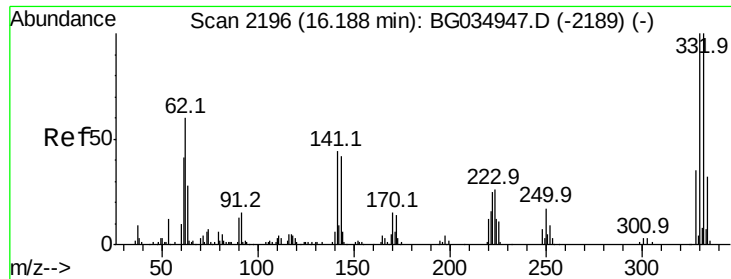
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 92.150 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	307667		
235	64.0	50.4	90.4	
272	11.8	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 161.465 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

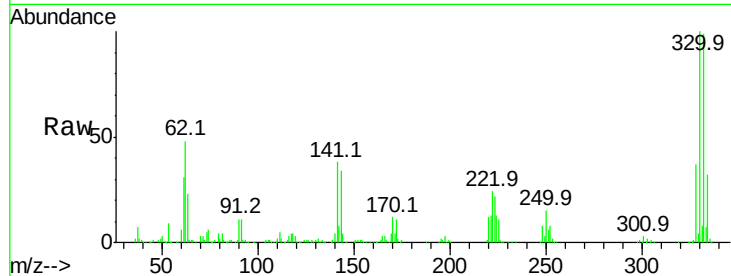
ClientSampled :

PE-1MSD

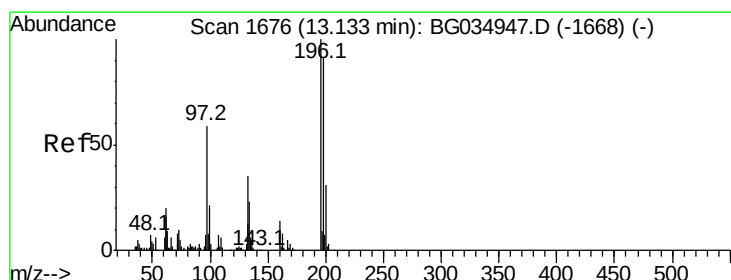
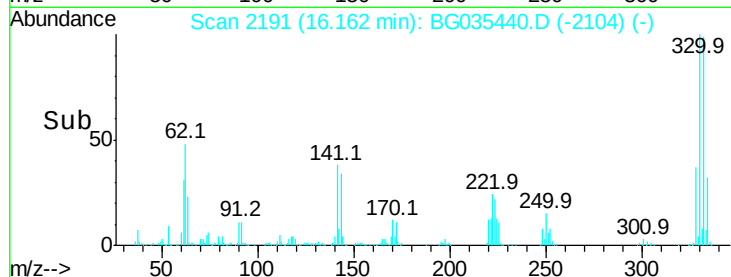
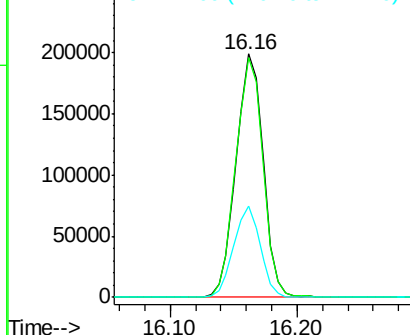
Tot Ion:	330	Resp:	295451
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.0	115.6
141	36.8	25.2	37.8

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



#42

2,4,6-Trichlorophenol

Concen: 50.975 ng

RT: 13.11 min Scan# 1671

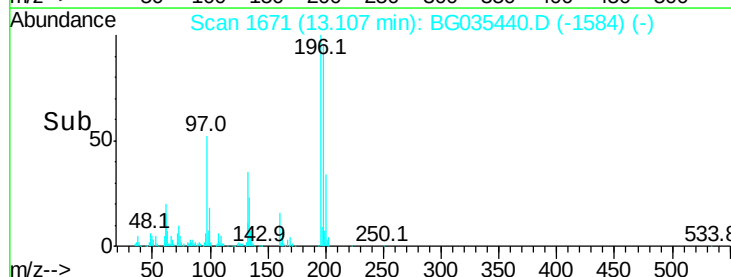
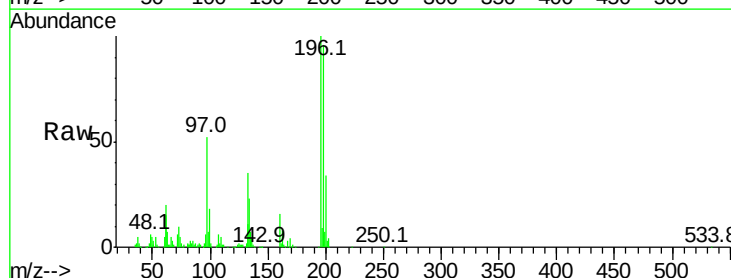
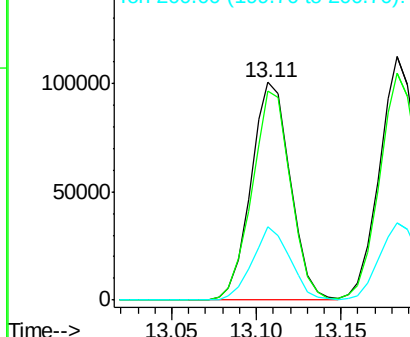
Delta R.T. -0.02 min

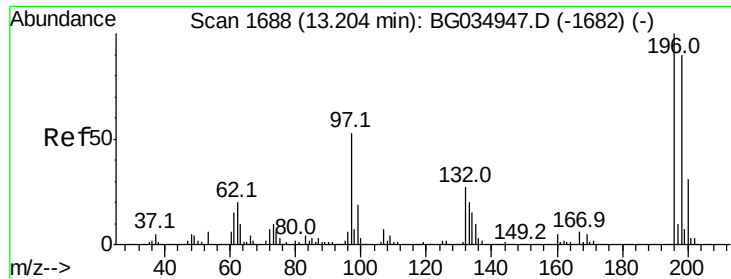
Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion:	196	Resp:	162509
Ion Ratio	Lower	Upper	
196	100		
198	96.0	78.2	117.2
200	33.7	24.6	36.8

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





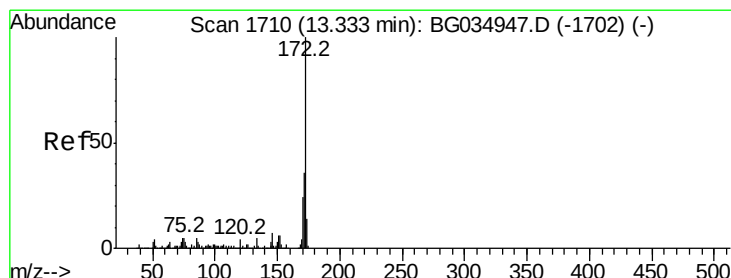
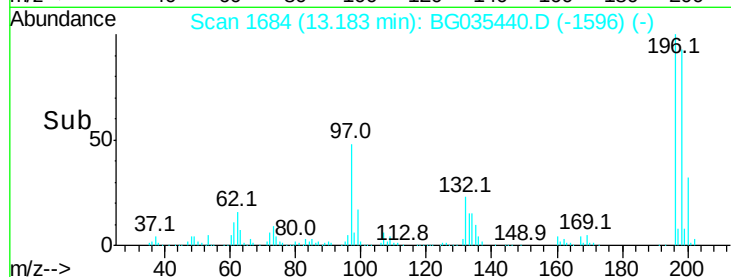
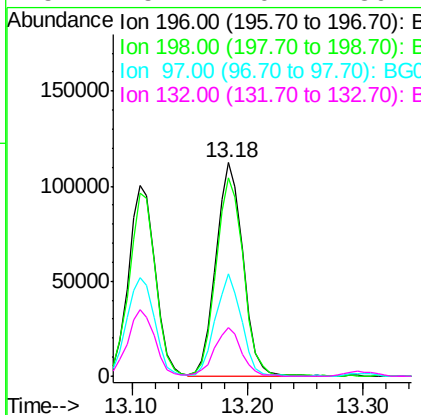
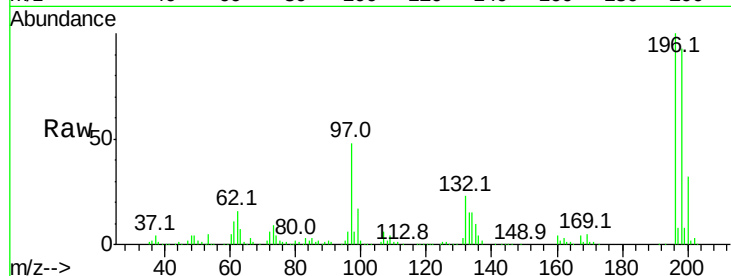
#43
 2,4,5-Trichlorophenol
 Concen: 51.787 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampled :
 PE-1MSD

Tot Ion:	196	Resp:	181210
Ion Ratio	Lower	Upper	
196	100		
198	93.1	76.2	114.4
97	47.7	38.7	58.1
132	23.1	20.2	30.2

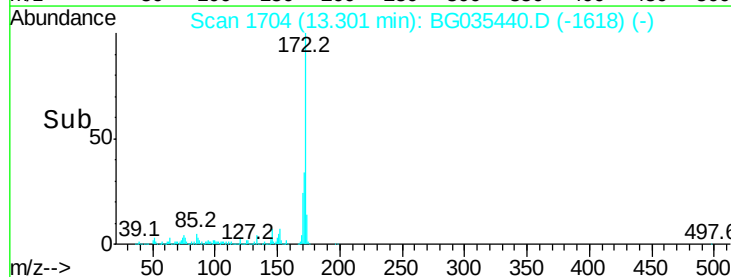
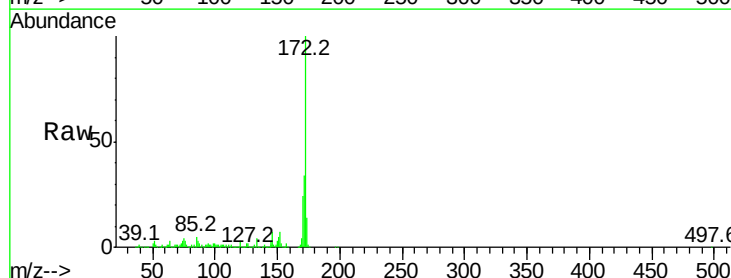
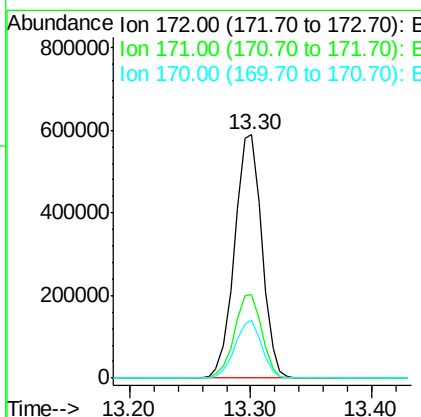
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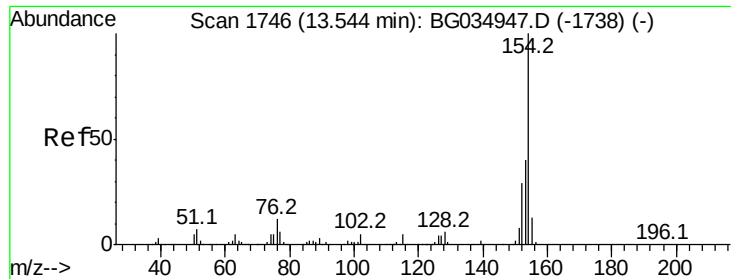
Sohil
 6/27/2018 3:32:35 PM



#44
 2-Fluorobiphenyl
 Concen: 84.294 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion:	172	Resp:	926846
Ion Ratio	Lower	Upper	
172	100		
171	34.3	30.0	45.0
170	23.7	19.5	29.3





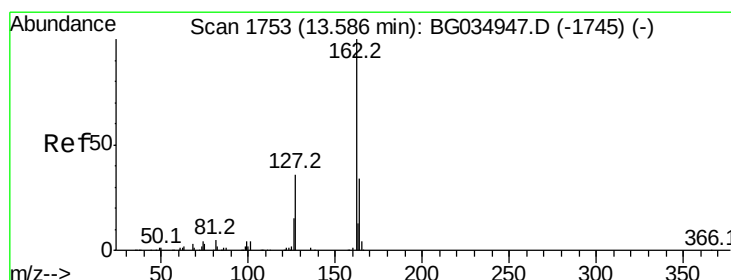
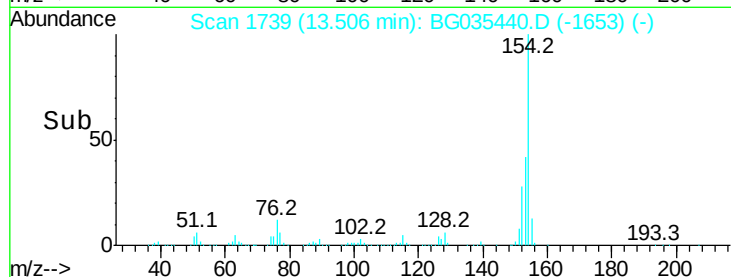
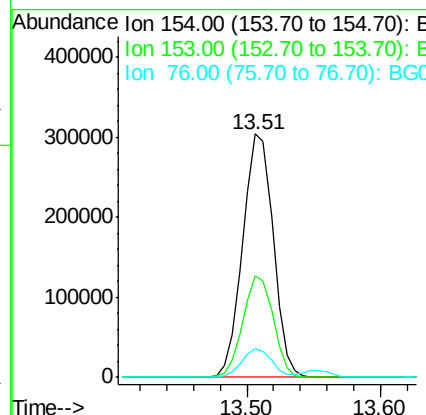
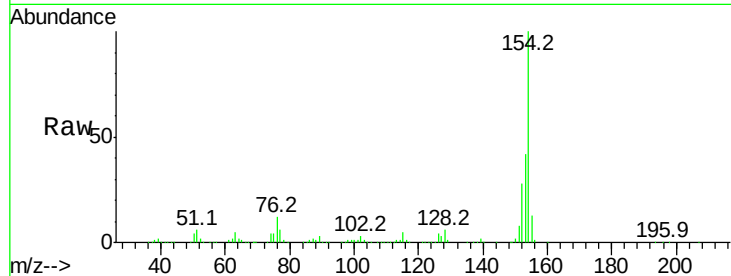
#45
 1,1'-Biphenyl
 Concen: 41.755 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Tot Ion:	154	Resp:	479924
Ion Ratio	Lower	Upper	
154	100		
153	41.9	19.8	59.8
76	11.7	0.0	31.9

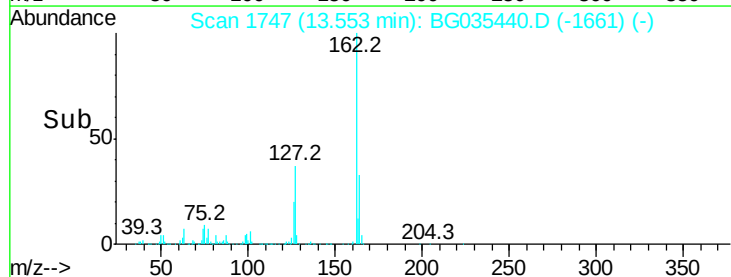
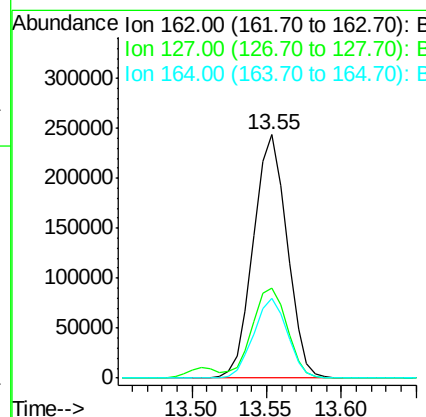
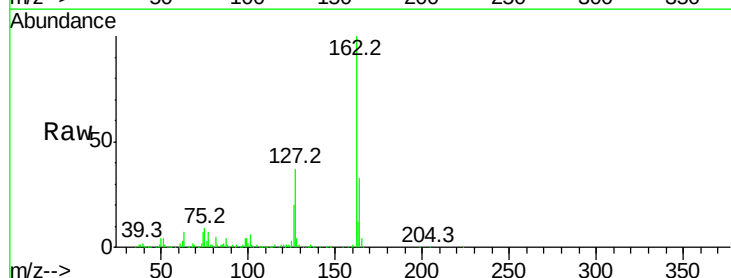
Manual Integrations
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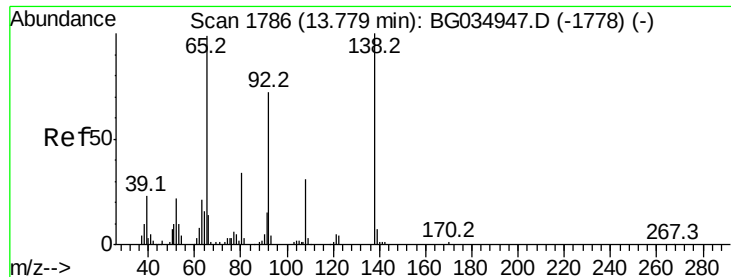
Sohil
 6/27/2018 3:32:35 PM



#46
 2-Chloronaphthalene
 Concen: 43.661 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion:	162	Resp:	379411
Ion Ratio	Lower	Upper	
162	100		
127	36.8	30.7	46.1
164	32.8	26.0	39.0





#47

2-Nitroaniline

Concen: 49.586 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

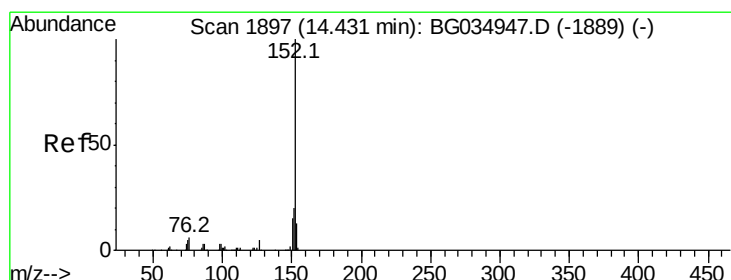
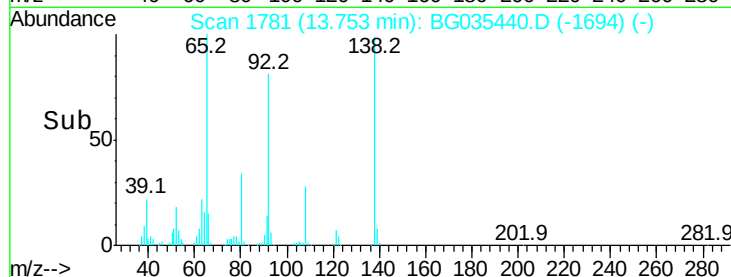
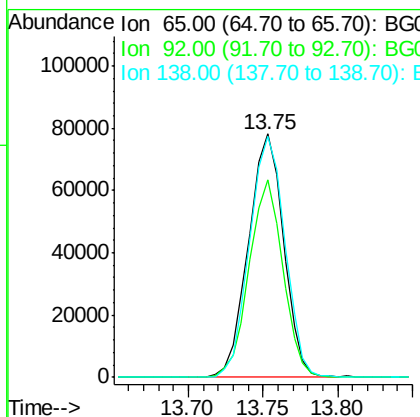
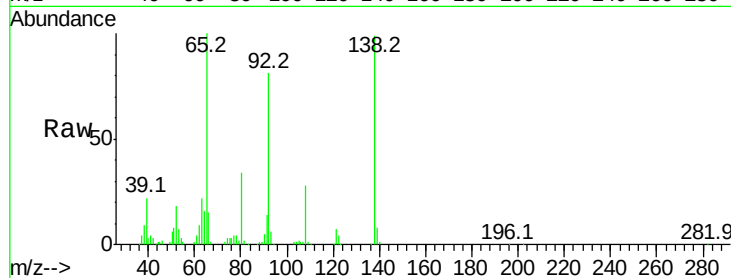
ClientSampled :

PE-1MSD

Tot Ion:	65	Resp:	127243
Ion	Ratio	Lower	Upper
65	100		
92	81.1	54.6	82.0
138	99.0	72.9	109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 43.440 ng

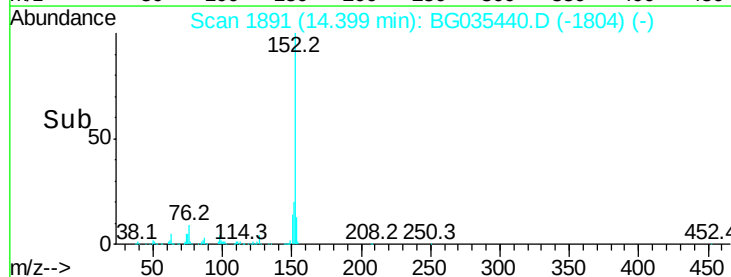
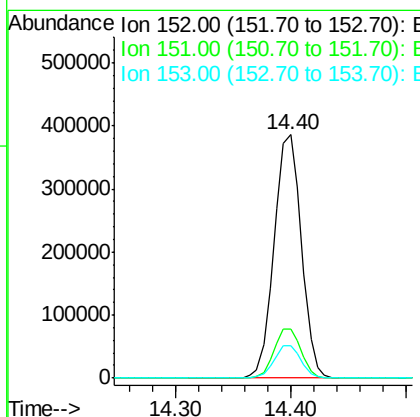
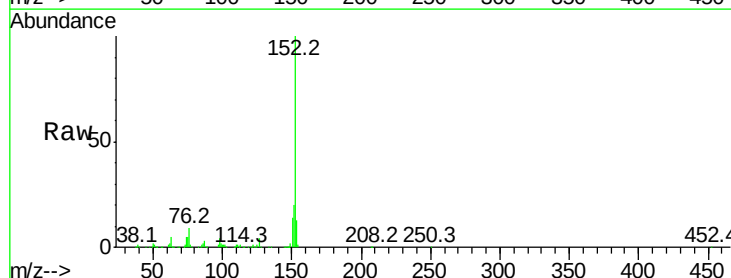
RT: 14.40 min Scan# 1891

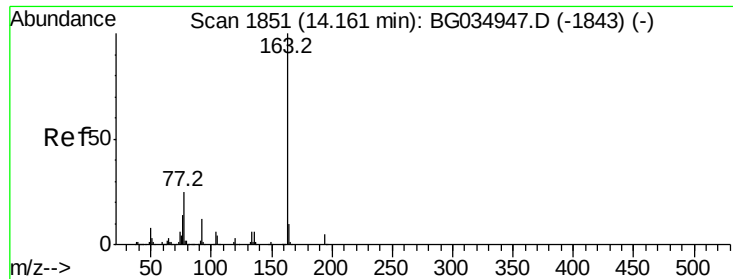
Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion:	152	Resp:	632981
Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.2	25.8
153	13.4	10.2	15.4





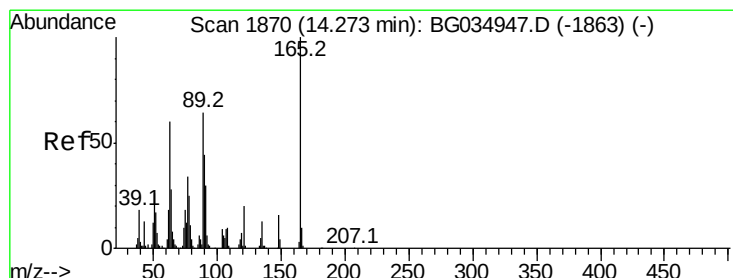
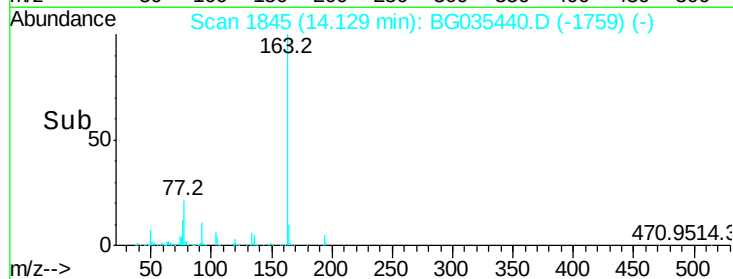
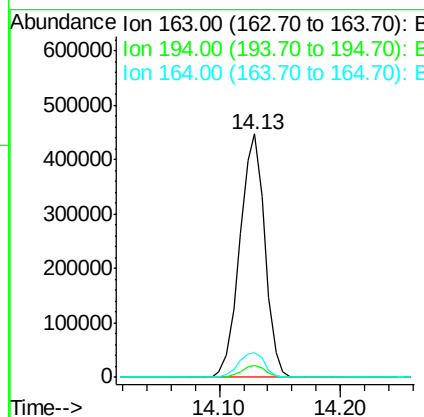
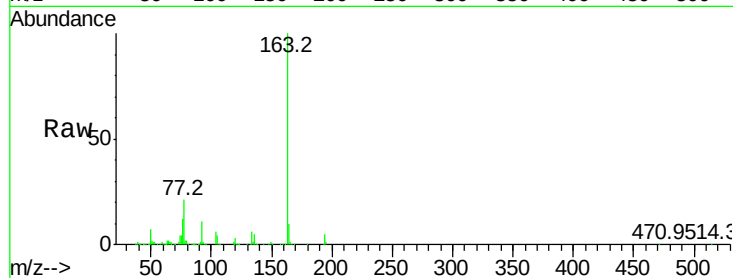
#49
Dimethylphthalate
Concen: 51.733 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampled :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.4	8.2	12.4

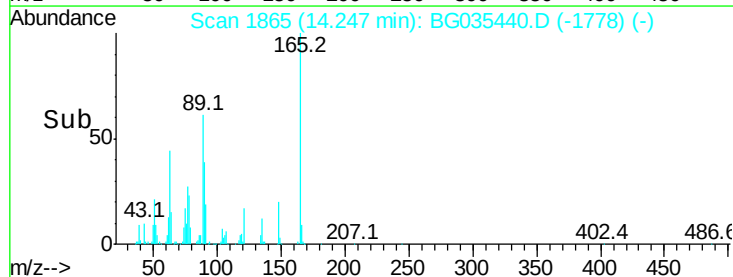
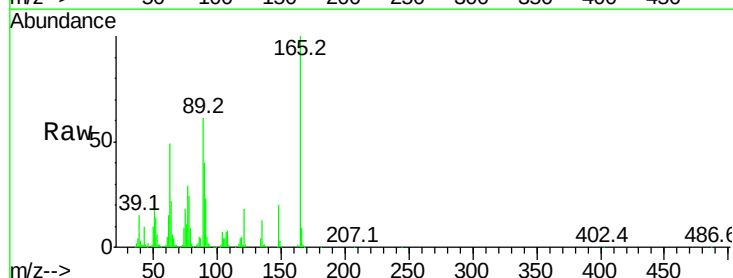
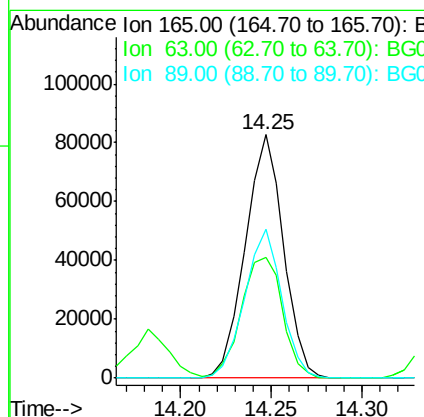
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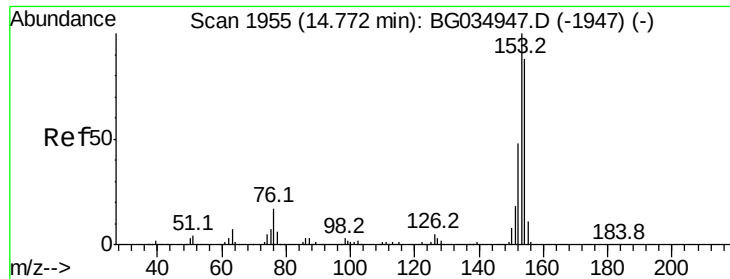
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#50
2,6-Dinitrotoluene
Concen: 53.049 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	52.7	79.1#
89	61.2	49.2	73.8





#51

Acenaphthene

Concen: 39.323 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

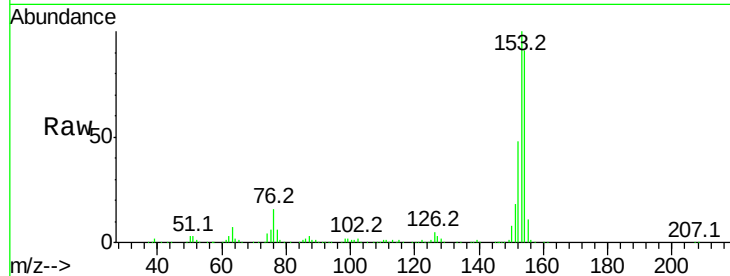
ClientSampleId :

PE-1MSD

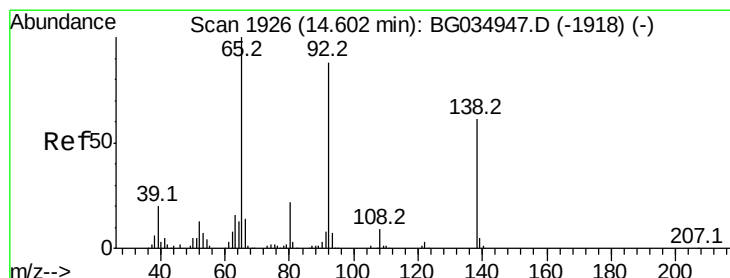
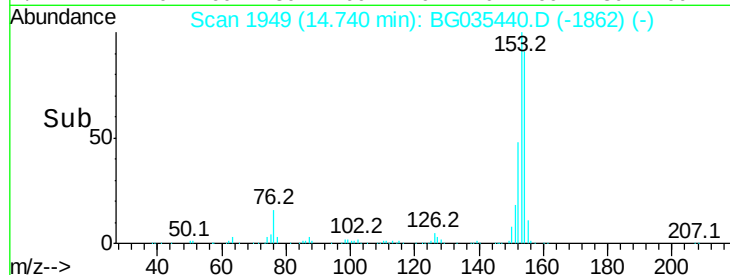
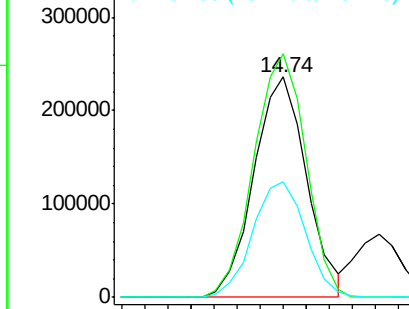
Tot Ion:	154	Resp:	374374
Ion	Ratio	Lower	Upper
154	100		
153	110.5	90.4	135.6
152	52.7	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.536 ng

RT: 14.58 min Scan# 1921

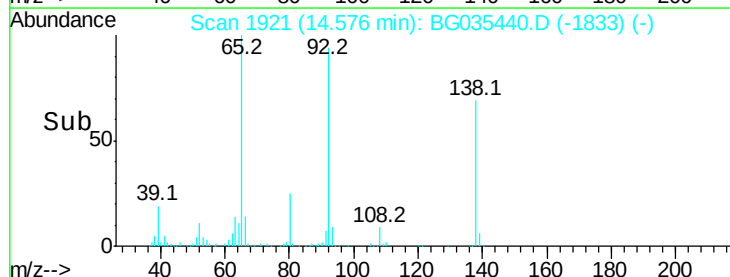
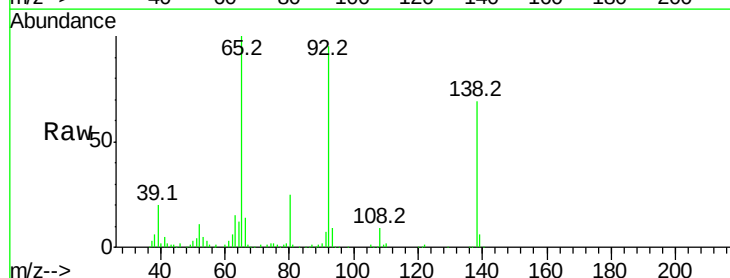
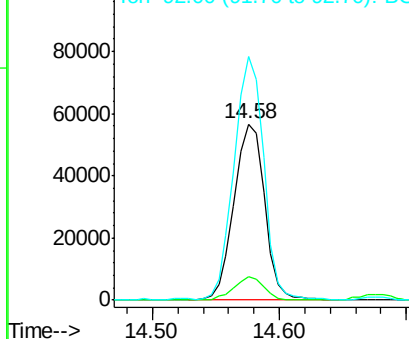
Delta R.T. -0.02 min

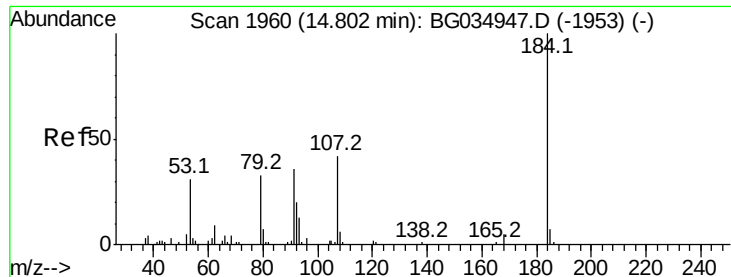
Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion:	138	Resp:	94915
Ion	Ratio	Lower	Upper
138	100		
108	13.1	17.5	26.3#
92	138.3	105.8	158.8

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





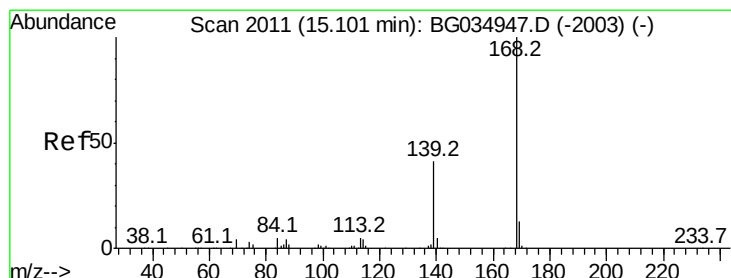
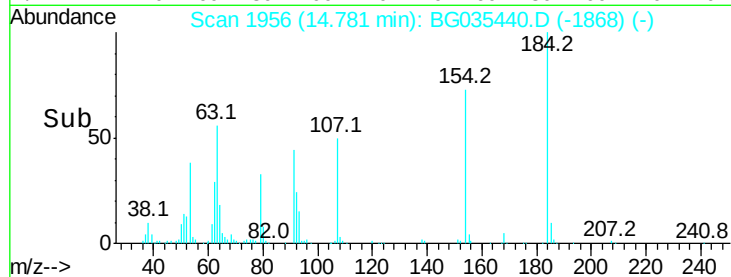
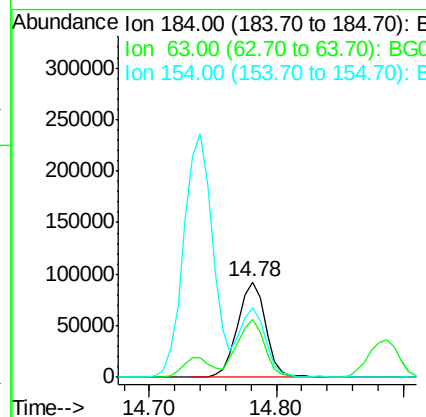
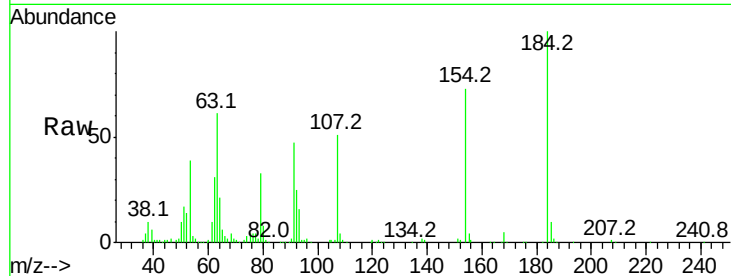
#53
 2,4-Dinitrophenol
 Concen: 152.776 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.5	59.8	89.8
154	73.1	101.8	152.8#

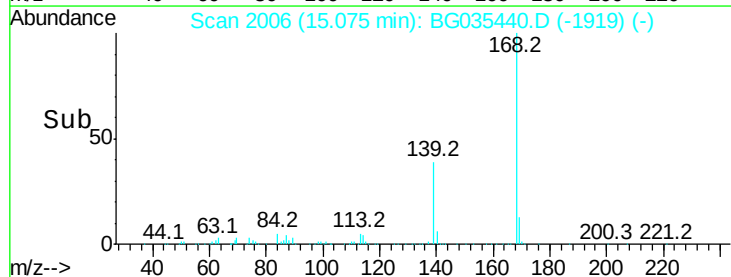
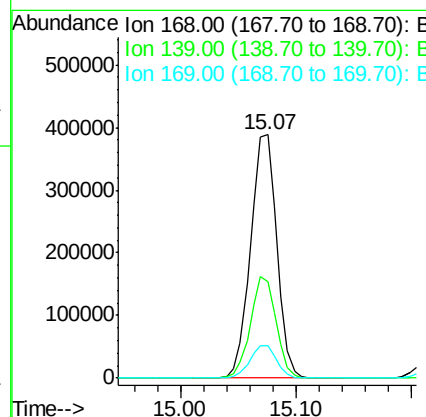
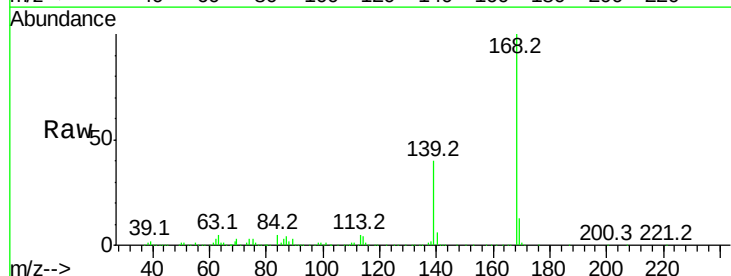
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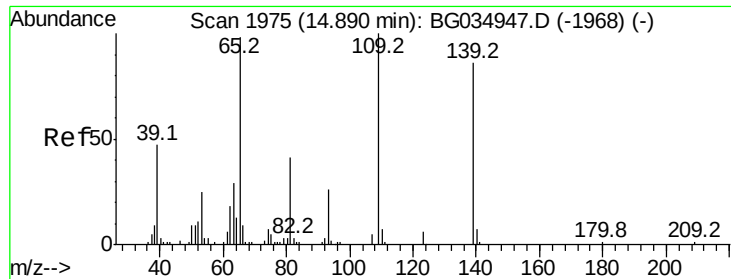
Sohil
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#54
 Dibenzofuran
 Concen: 43.029 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	28.6	43.0
169	13.1	11.2	16.8





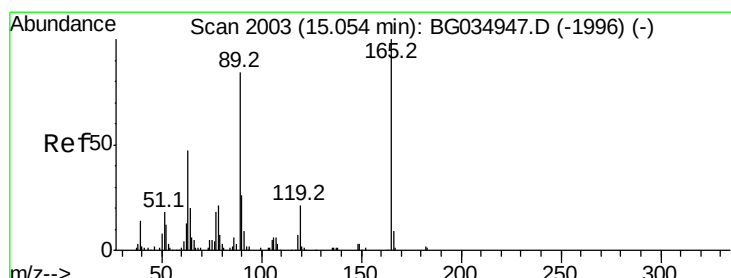
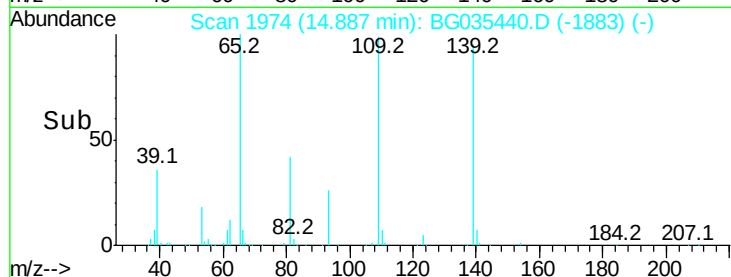
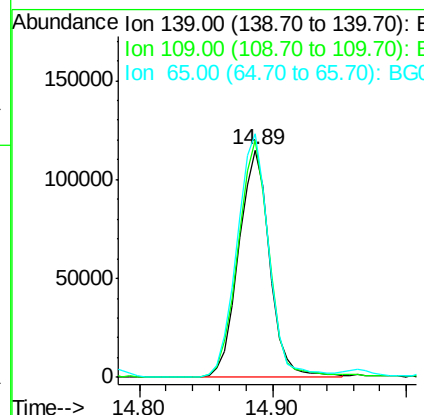
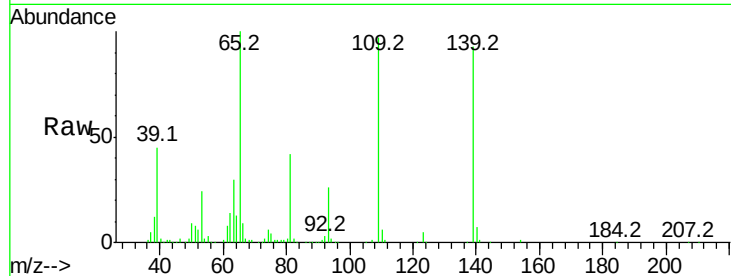
#55
4-Nitrophenol
Concen: 98.377 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	104.2	62.2	102.2#	
65	107.1	97.2	137.2	

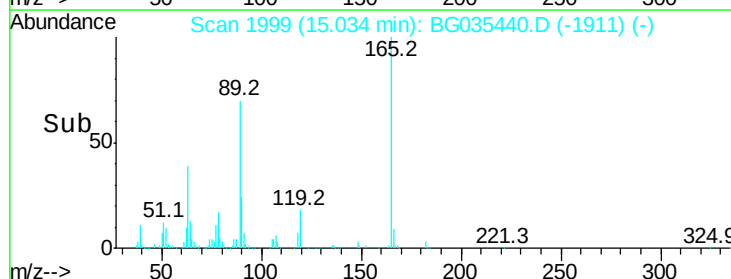
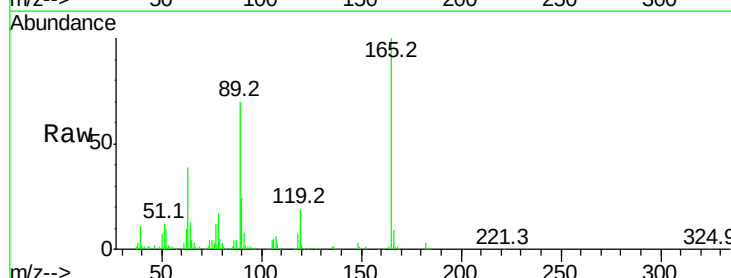
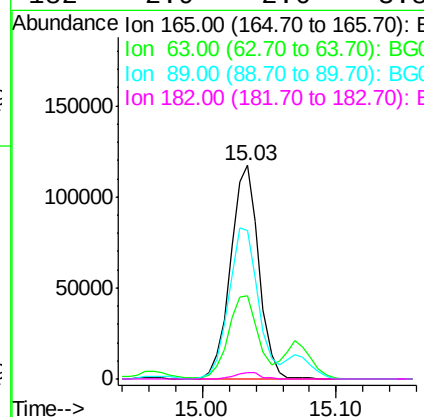
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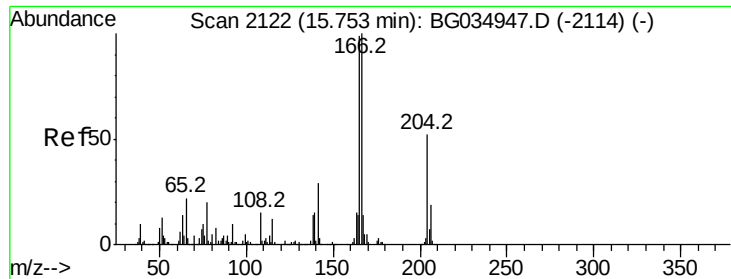
Sohil
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#56
2,4-Dinitrotoluene
Concen: 57.360 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.7	42.0	63.0#	
89	69.8	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 41.652 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

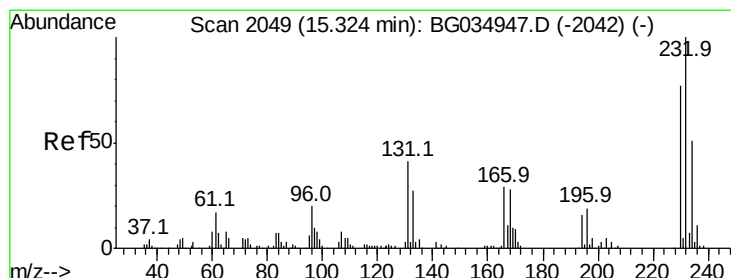
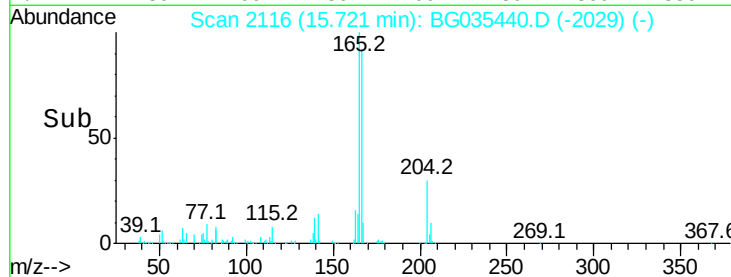
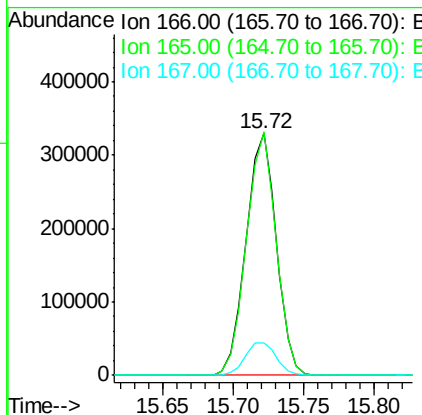
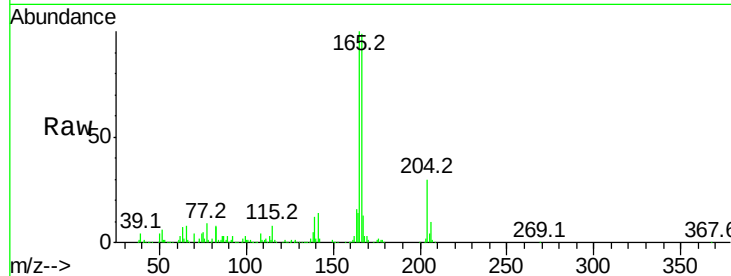
ClientSampleId :

PE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	496354		
165	100.5		80.6	121.0
167	13.5		10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.976 ng

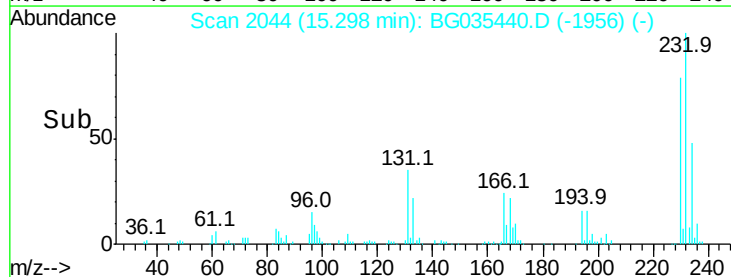
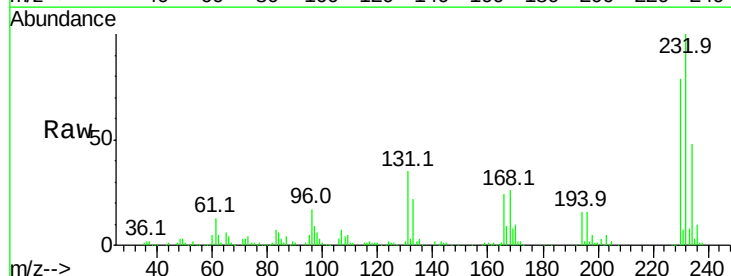
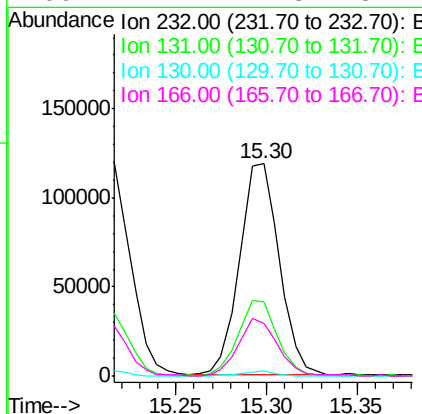
RT: 15.30 min Scan# 2044

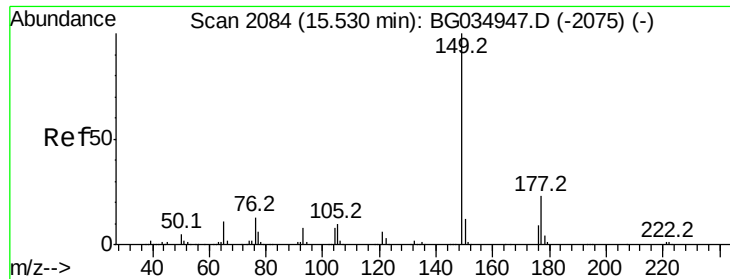
Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	180080		
131	35.3		33.5	50.3
130	2.2		2.2	3.2
166	27.2		24.8	37.2





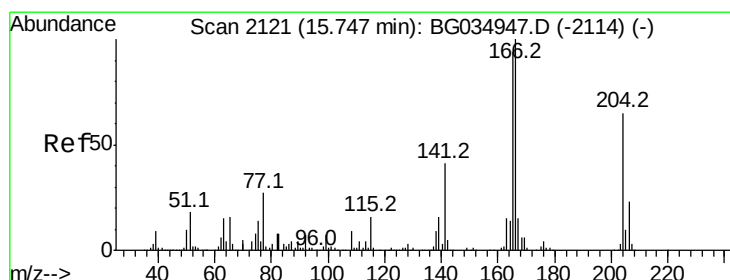
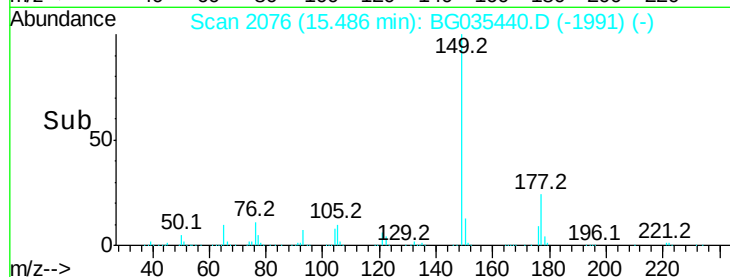
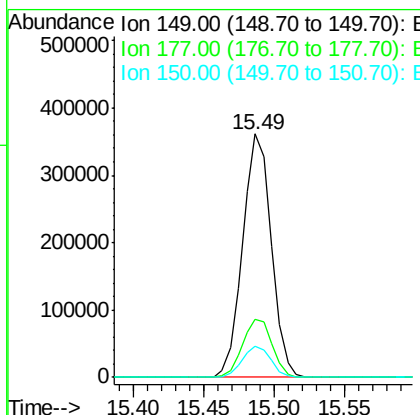
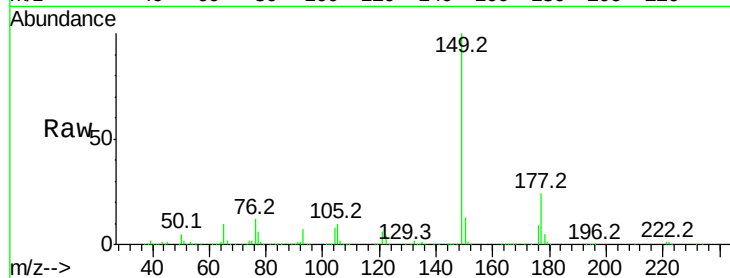
#59
Diethylphthalate
Concen: 40.342 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampled :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.5	27.7
150	12.7	10.2	15.2

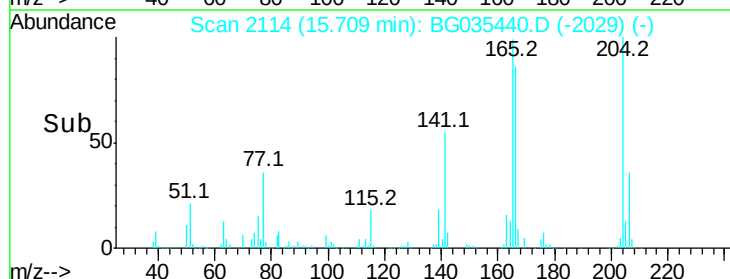
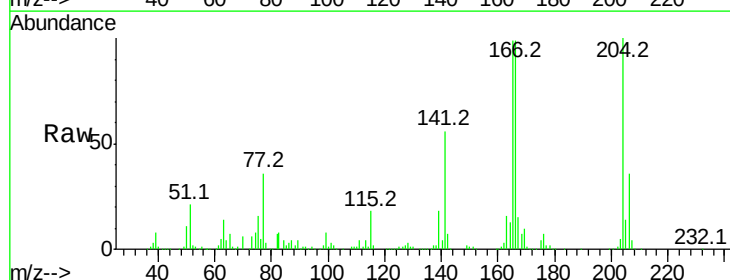
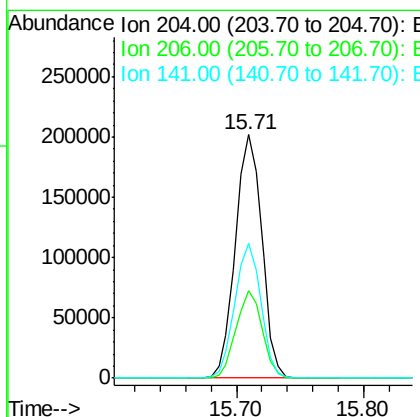
Manual Integrations
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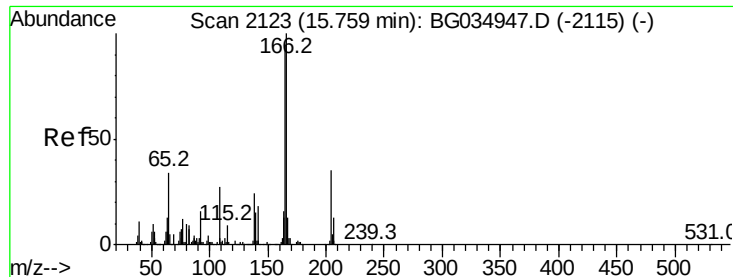
Sohil
6/27/2018 3:32:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.700 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.9	26.2	39.2
141	55.6	45.8	68.6





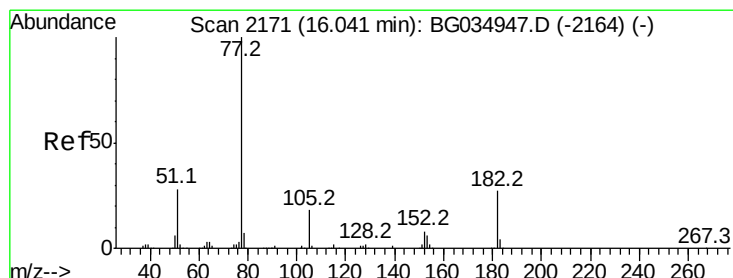
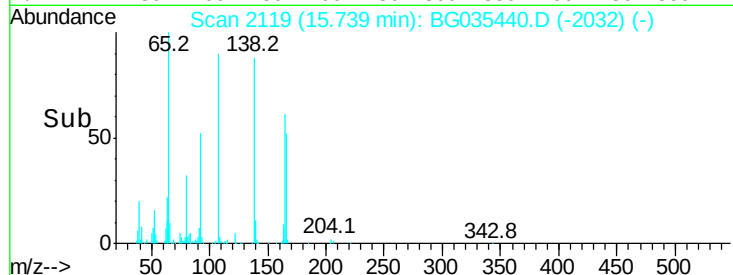
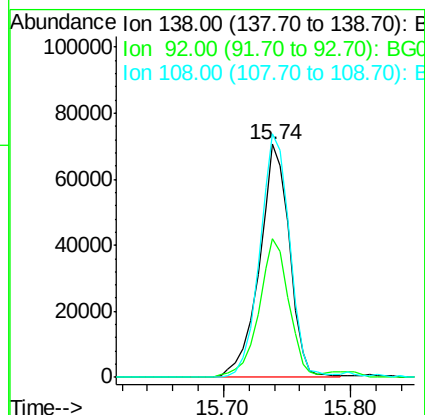
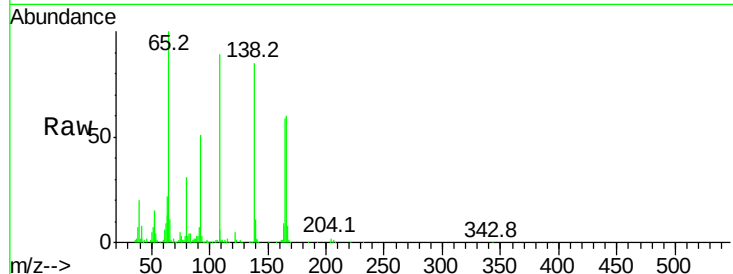
#61
4-Nitroaniline
Concen: 48.678 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.6	40.1	80.1
108	104.6	65.4	105.4

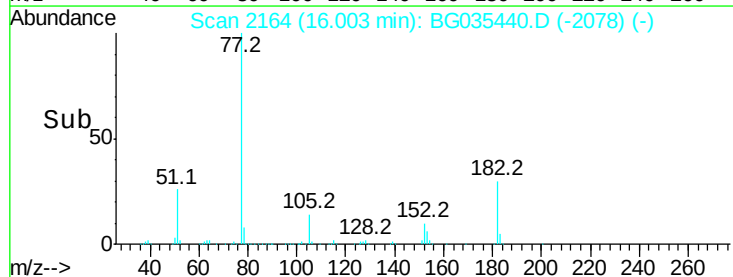
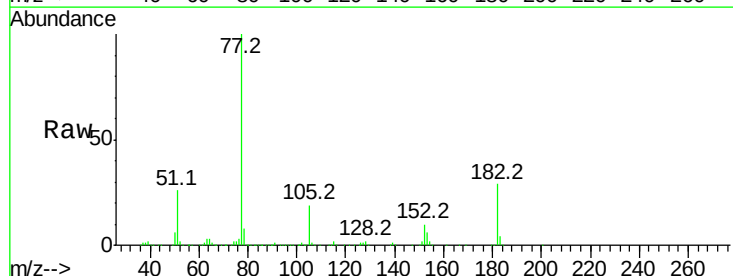
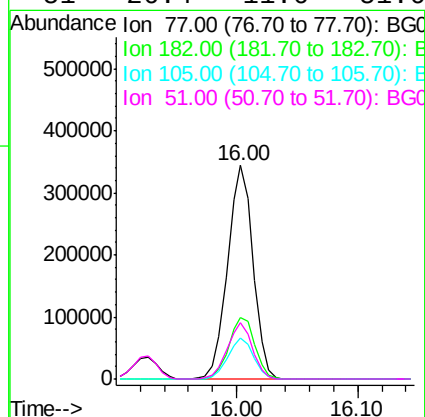
Manual Integrations
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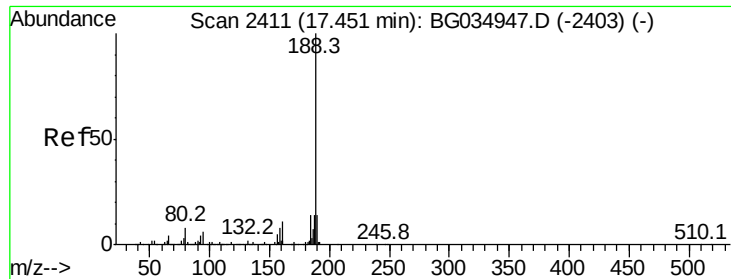
Sohil
6/27/2018 3:32:35 PM



#62
Azobenzene
Concen: 40.221 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	7.4	47.4
105	19.1	0.3	40.3
51	26.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

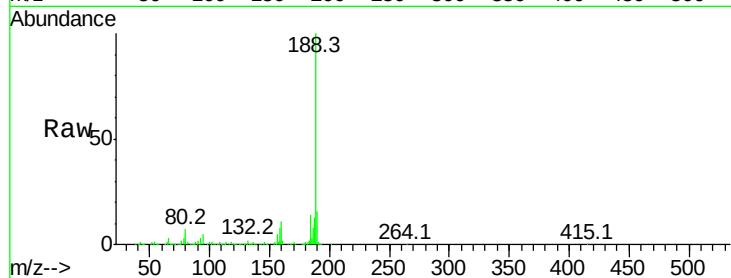
ClientSampleId :

PE-1MSD

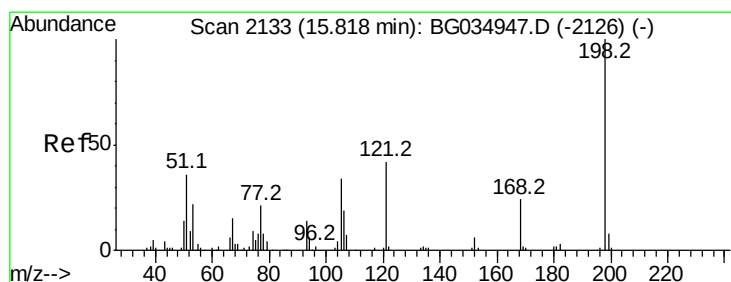
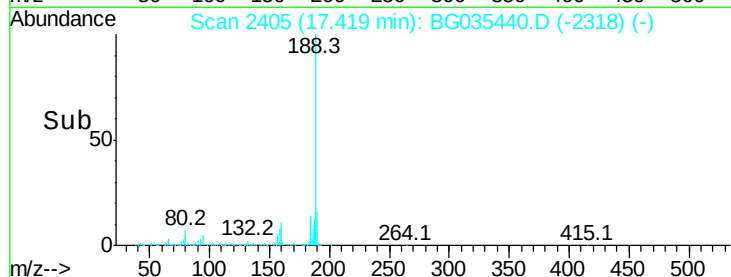
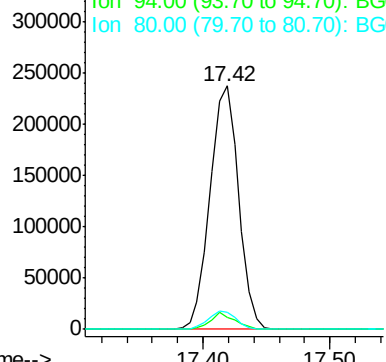
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.0	6.9	10.3#	
80	6.8	7.7	11.5#	

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



#64

4,6-Dinitro-2-methylphenol

Concen: 61.662 ng

RT: 15.79 min Scan# 2128

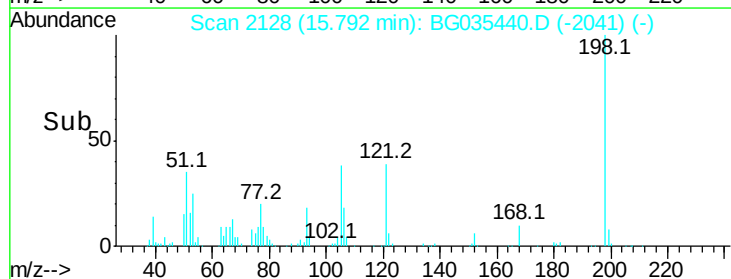
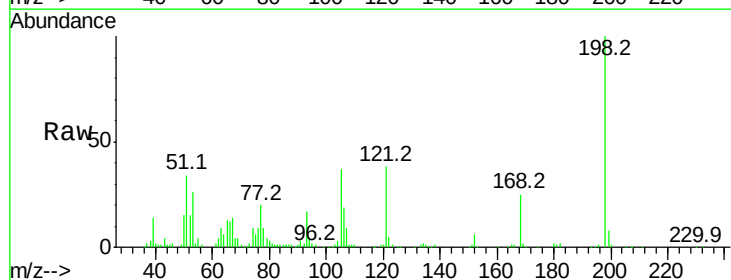
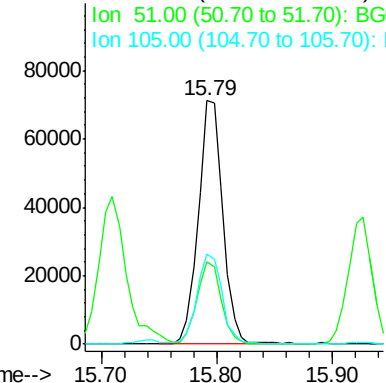
Delta R.T. -0.02 min

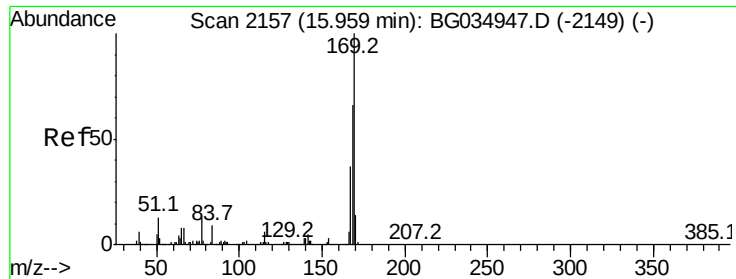
Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	34.0	30.6	70.6	
105	36.9	23.8	63.8	

Abundance Ion 198.00 (197.70 to 198.70): E





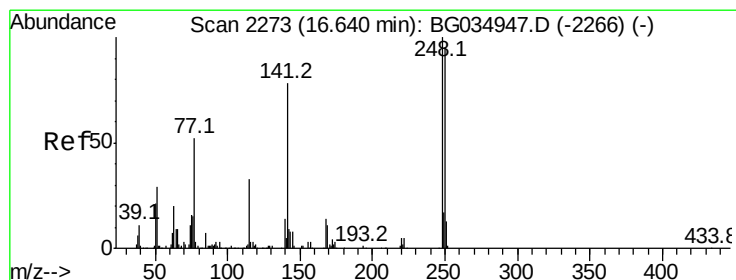
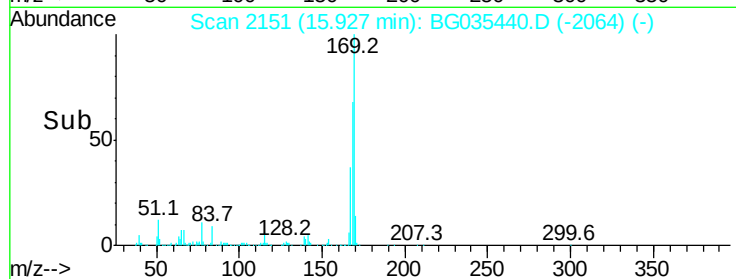
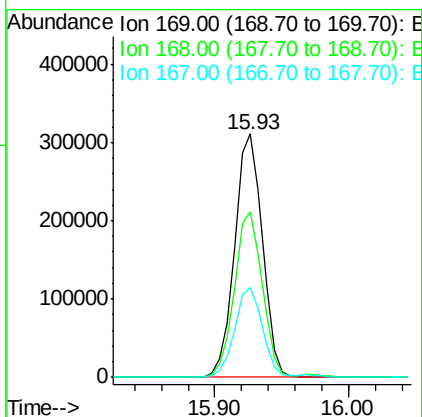
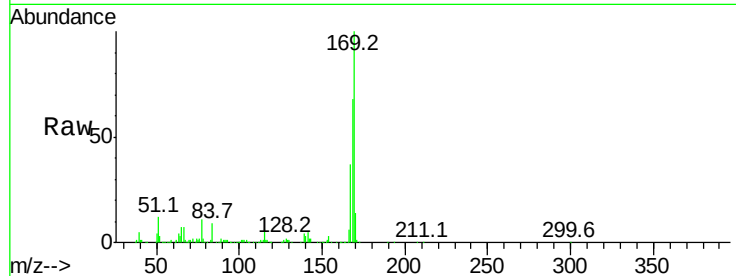
#65
 n-Nitrosodiphenylamine
 Concen: 40.127 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	55.7	83.5
167	36.9	30.1	45.1

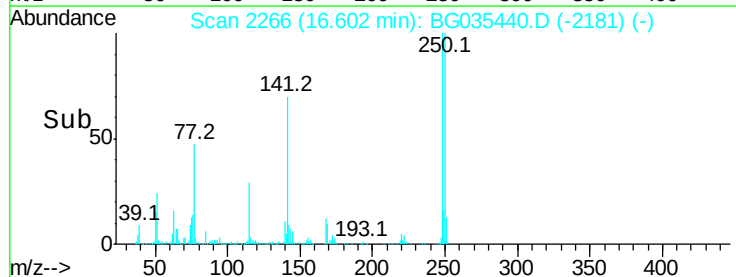
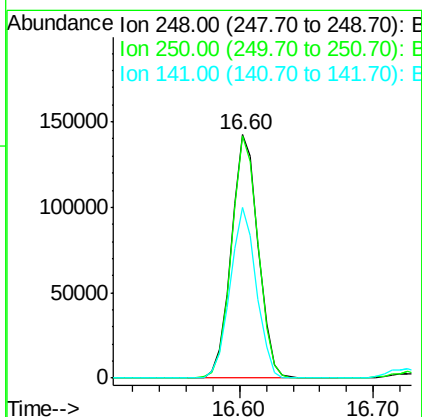
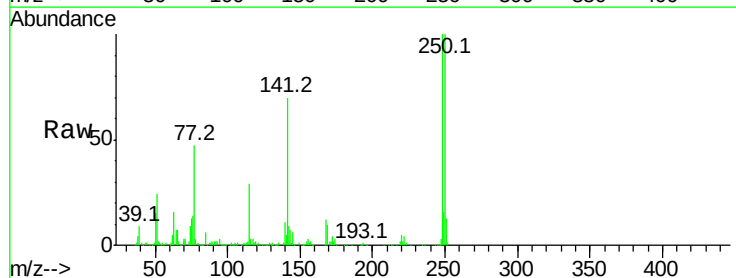
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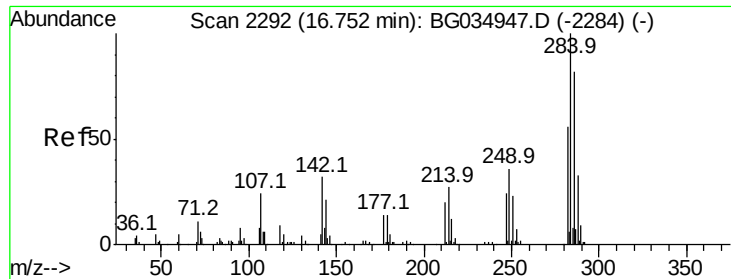
Sohil
 6/27/2018 3:32:35 PM



#66
 4-Bromophenyl-phenylether
 Concen: 44.650 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.1	115.7
141	70.3	50.8	76.2





#67

Hexachlorobenzene

Concen: 45.034 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

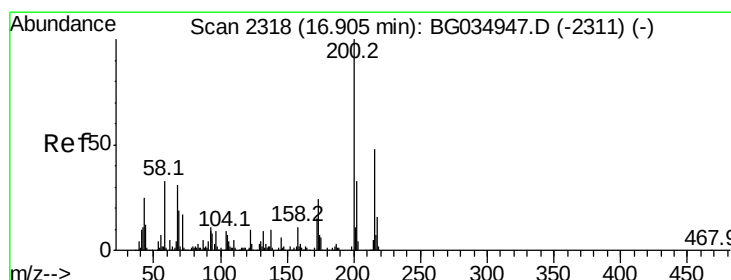
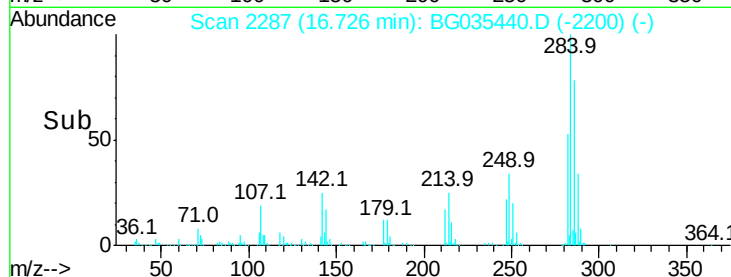
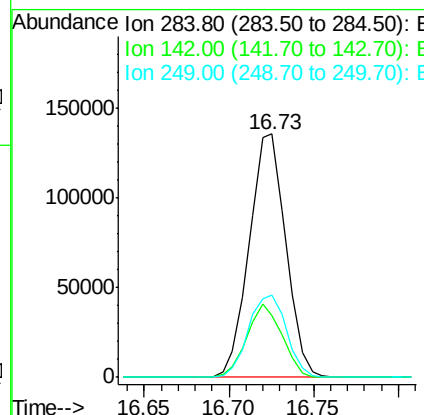
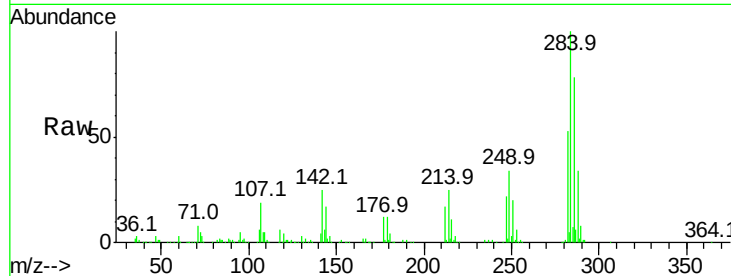
ClientSampleId :

PE-1MSD

Tot Ion:	284	Resp:	204600
Ion Ratio	Lower	Upper	
284	100		
142	25.3	26.8	40.2#
249	33.8	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 42.915 ng

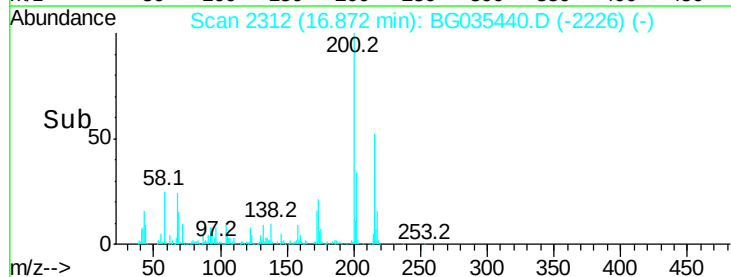
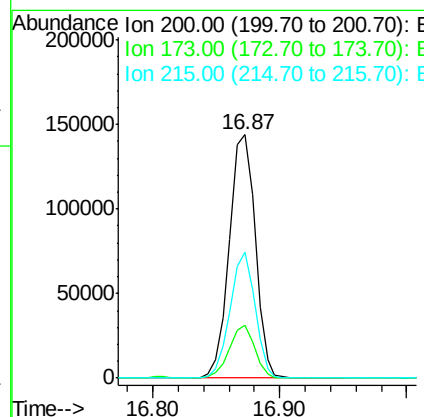
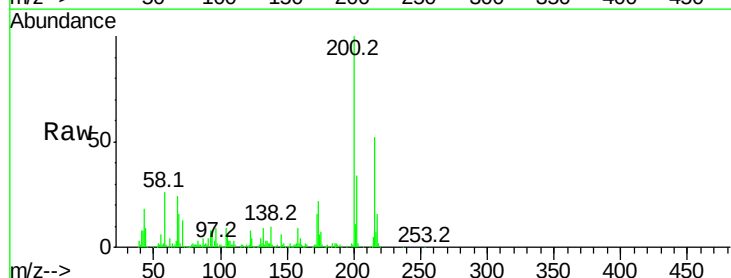
RT: 16.87 min Scan# 2312

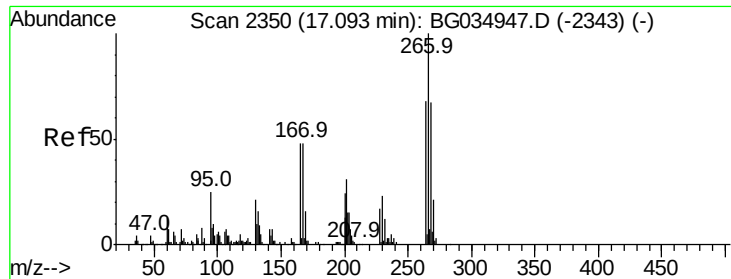
Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion:	200	Resp:	203715
Ion Ratio	Lower	Upper	
200	100		
173	21.5	5.2	45.2
215	51.6	30.4	70.4





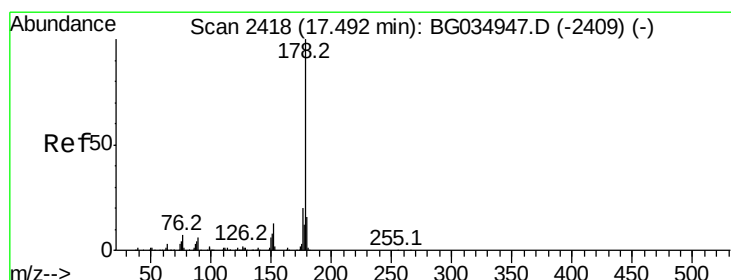
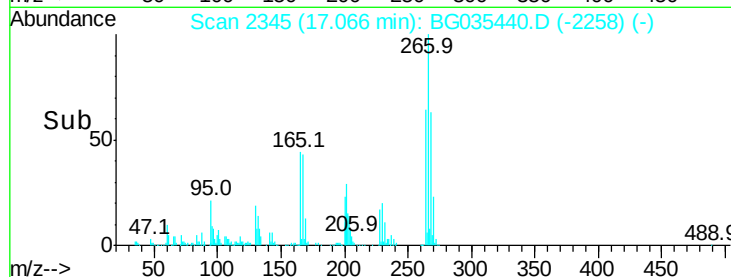
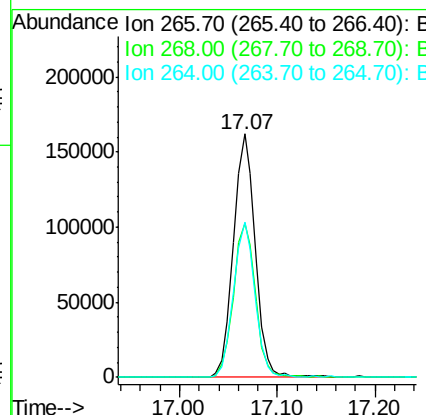
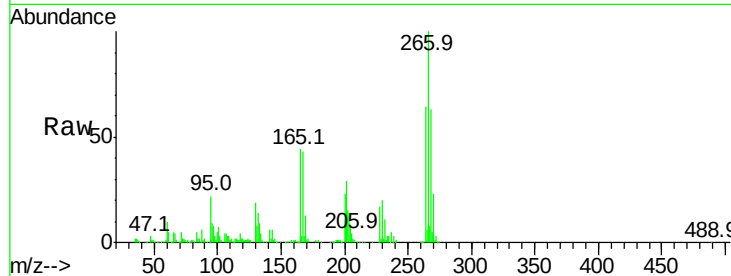
#69
 Pentachlorophenol
 Concen: 82.497 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampled :
 PE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	252029		
268	63.4		51.1	76.7
264	63.7		49.6	74.4

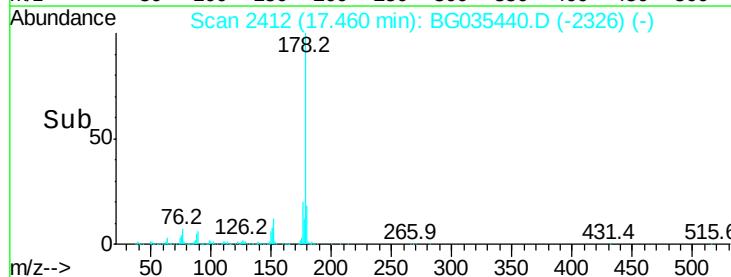
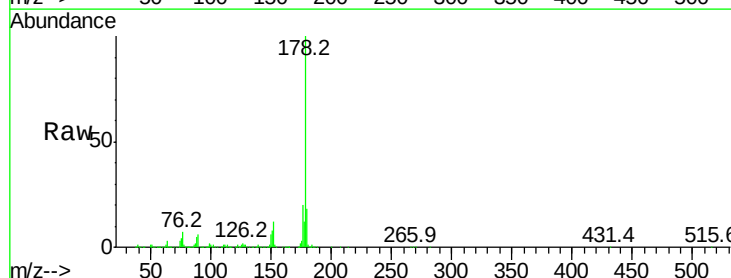
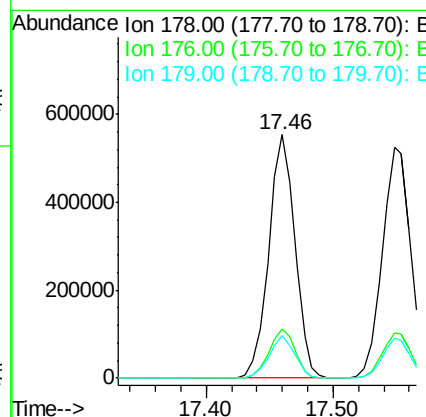
Manual Integrations
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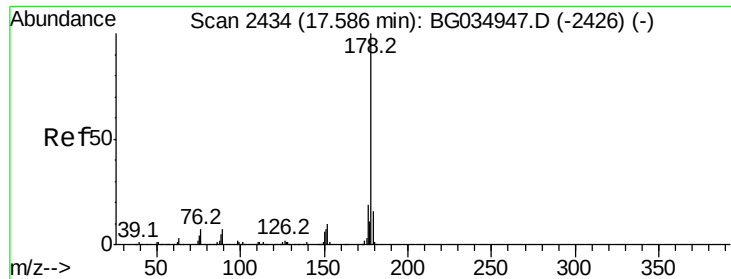
Sohil
 6/27/2018 3:32:35 PM



#70
 Phenanthrene
 Concen: 42.190 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	794390		
176	20.1		15.7	23.5
179	17.6		12.5	18.7





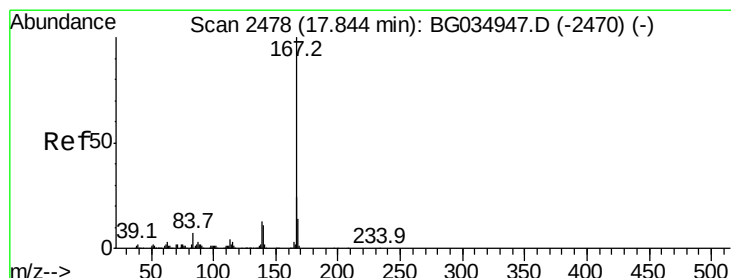
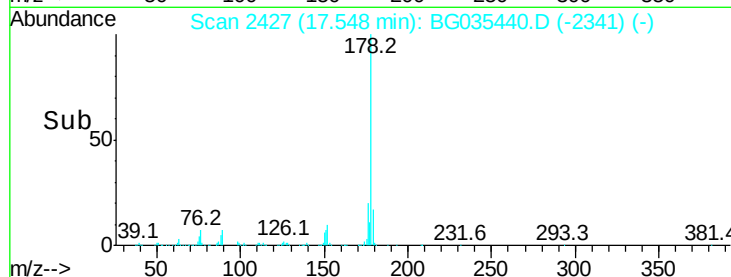
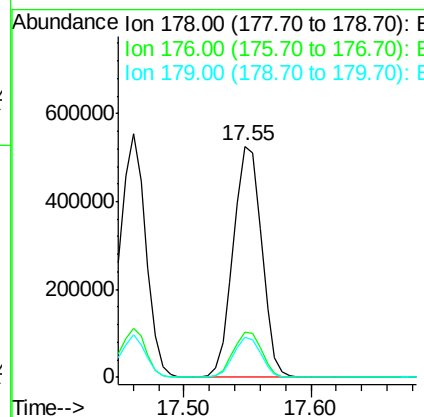
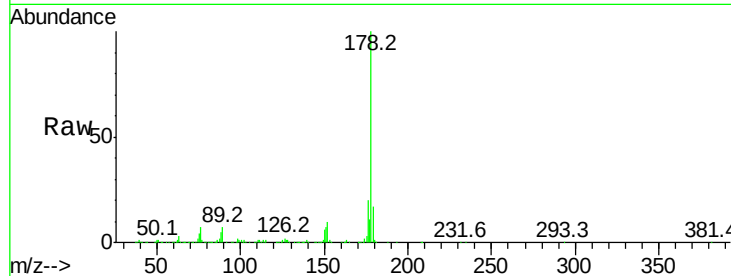
#71
 Anthracene
 Concen: 43.129 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	17.4	12.5	18.7

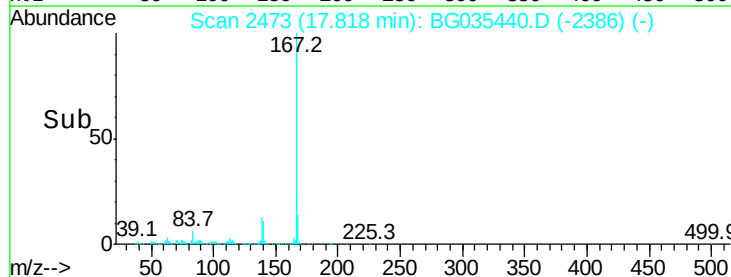
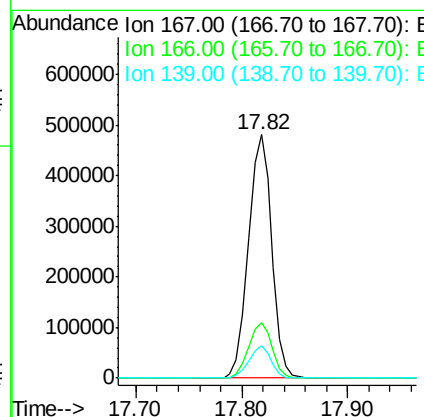
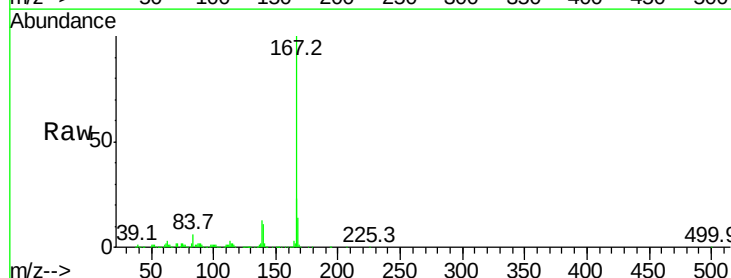
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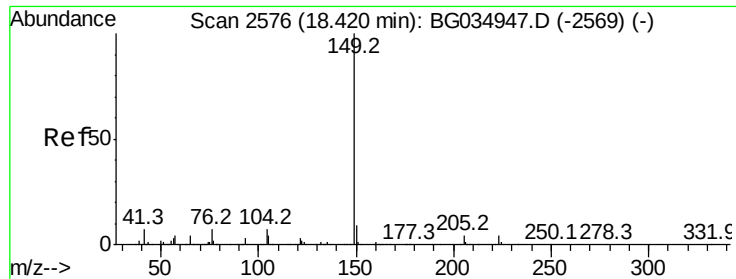
Sohil
 6/27/2018 3:32:35 PM



#72
 Carbazole
 Concen: 42.002 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.02 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	13.2	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.525 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.04 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

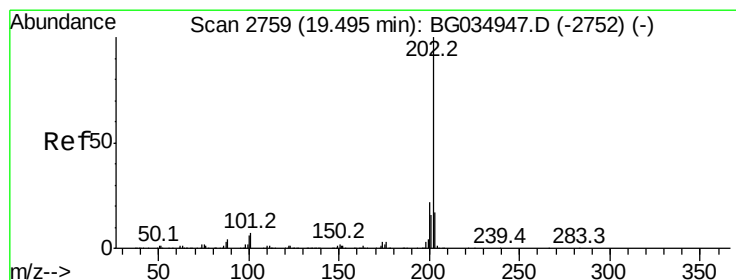
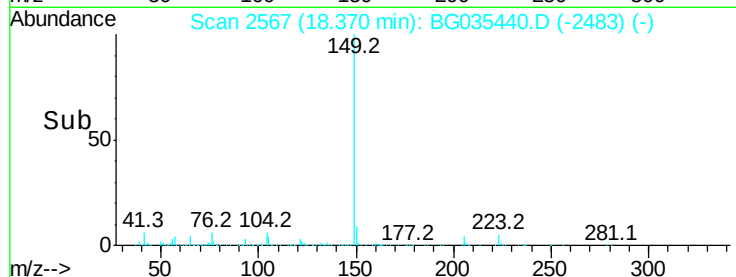
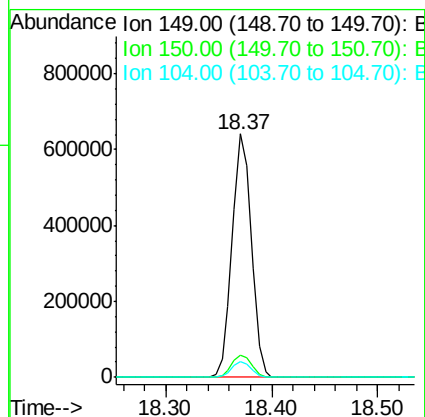
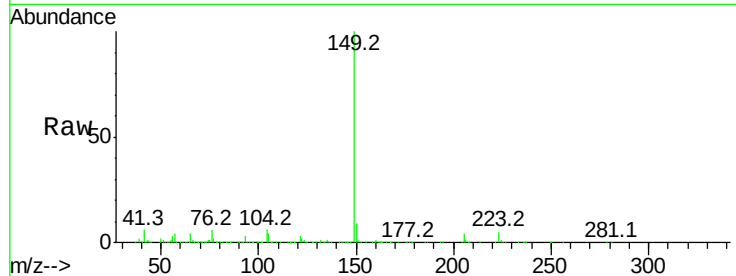
ClientSampleId :

PE-1MSD

Tot Ion:	149	Resp:	803533
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	6.4	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 41.174 ng

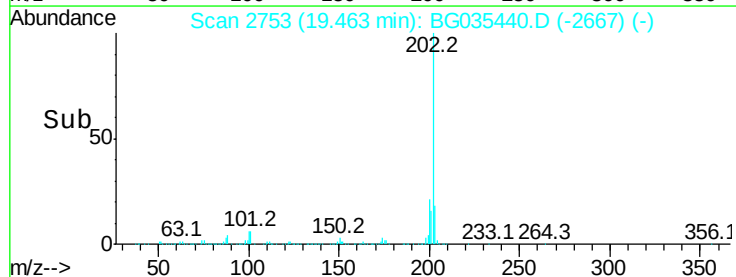
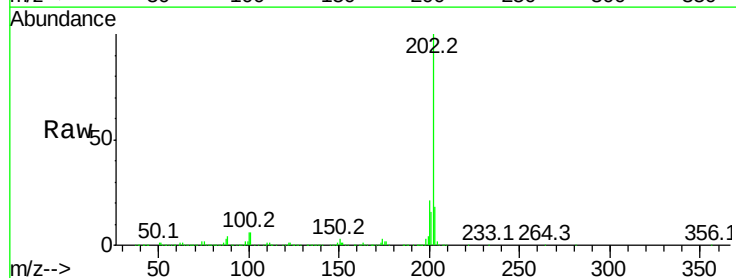
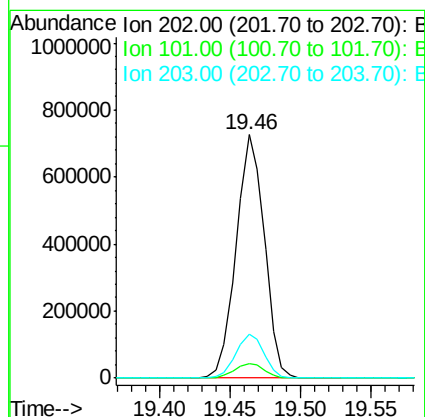
RT: 19.46 min Scan# 2753

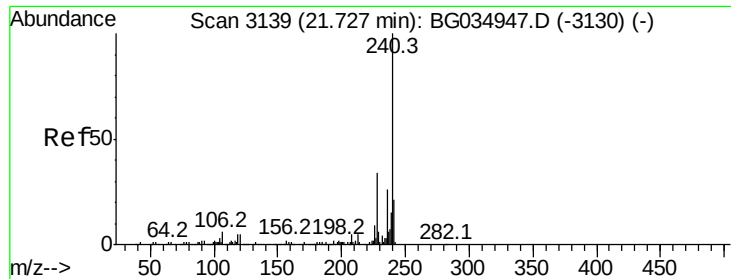
Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion:	202	Resp:	1008819
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	28.9
203	18.3	0.0	37.5





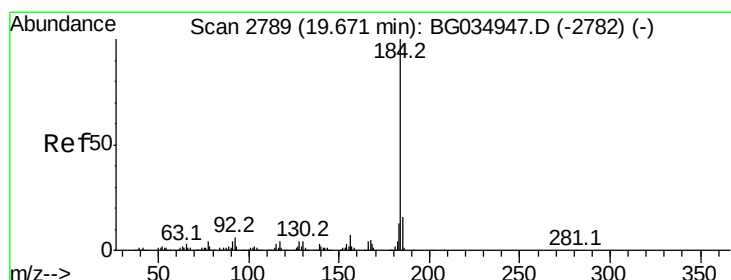
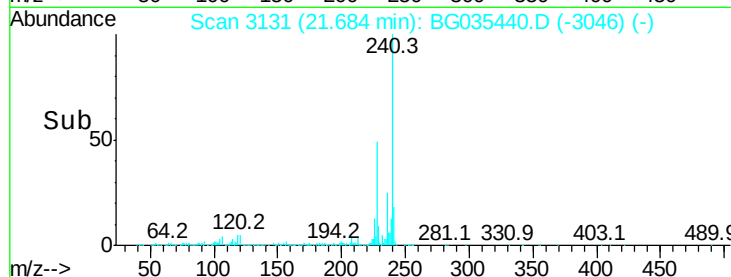
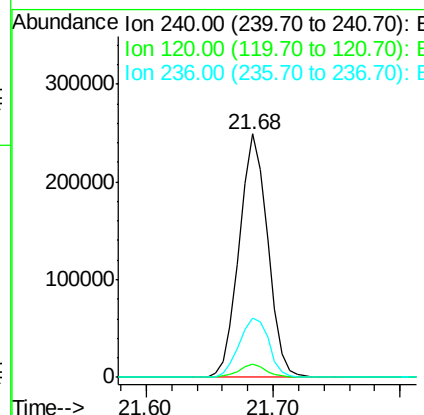
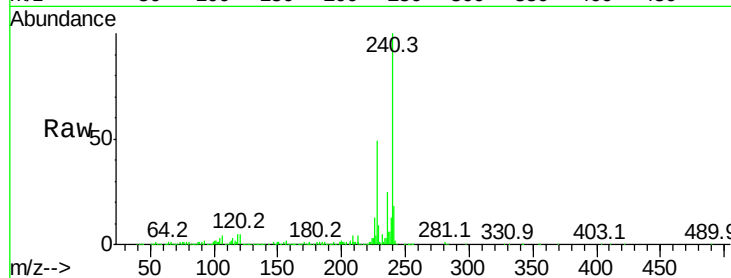
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.4	6.8	10.2#
236	24.6	20.9	31.3

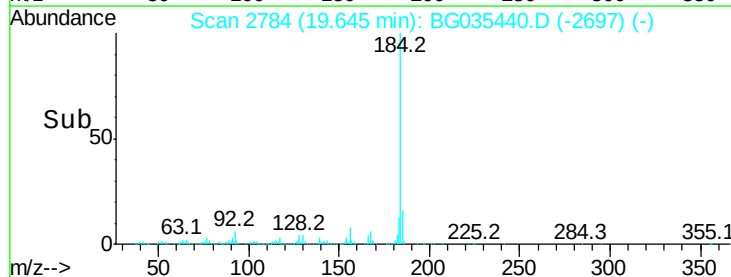
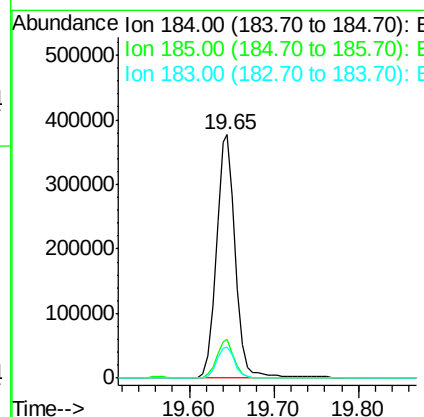
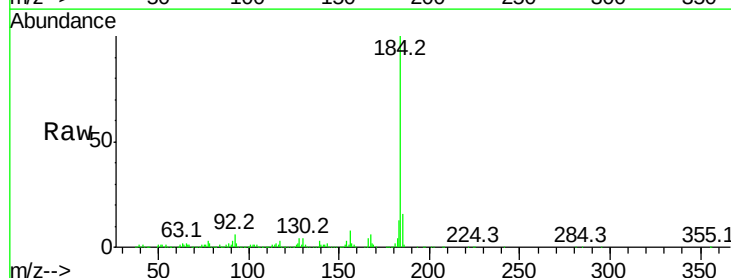
Manual Integrations
APPROVED

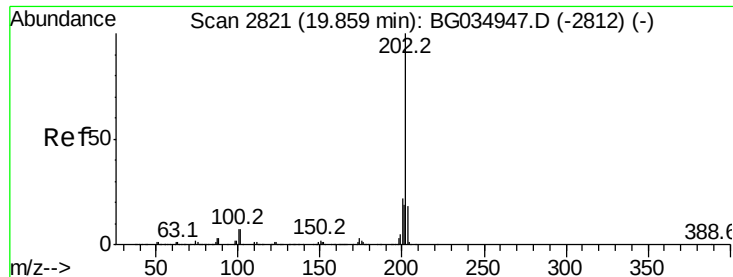
Sohil
6/27/2018 3:32:35 PM



#76
Benzidine
Concen: 41.472 ng
RT: 19.65 min Scan# 2784
Delta R.T. -0.02 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.7	11.1	16.7
183	12.7	10.6	16.0





#77

Pvrene

Concen: 39.183 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.02 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

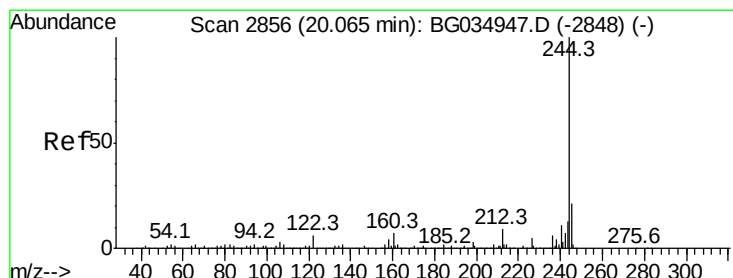
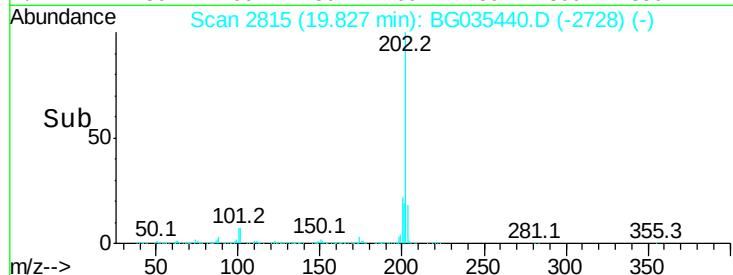
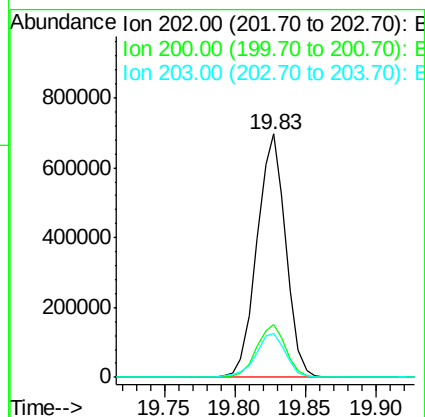
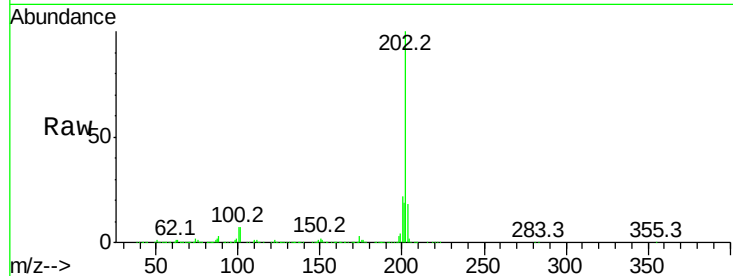
ClientSampleId :

PE-1MSD

Tot Ion:	202	Resp:	998925
Ion Ratio		Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 82.172 ng

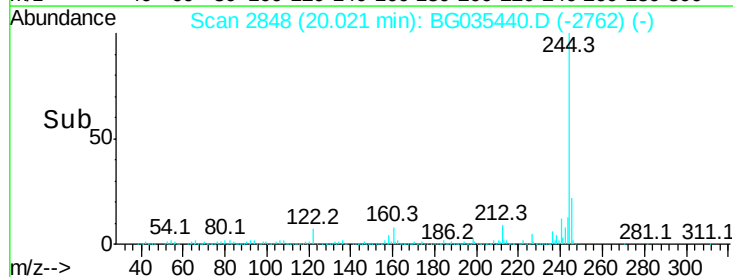
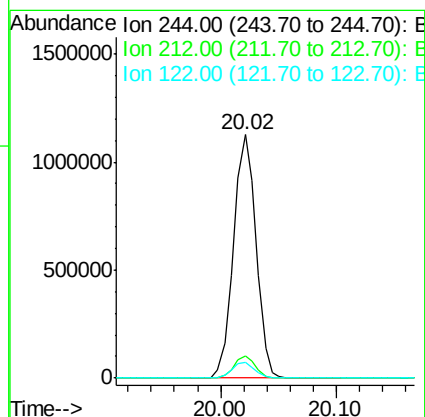
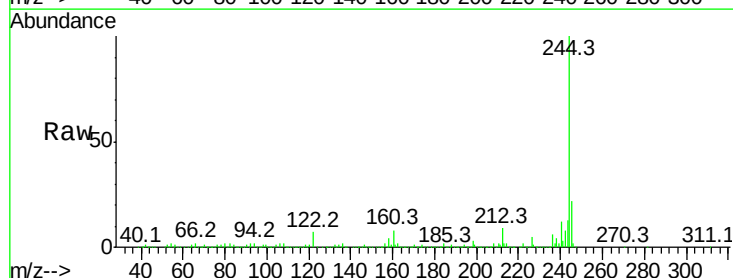
RT: 20.02 min Scan# 2848

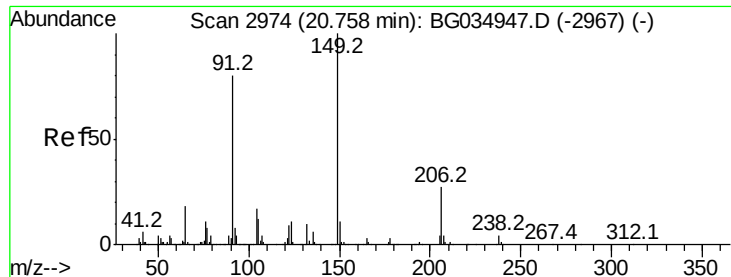
Delta R.T. -0.03 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion:	244	Resp:	1517042
Ion Ratio		Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.7	7.0	10.4#





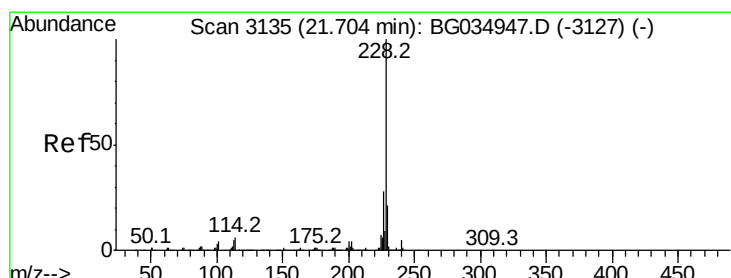
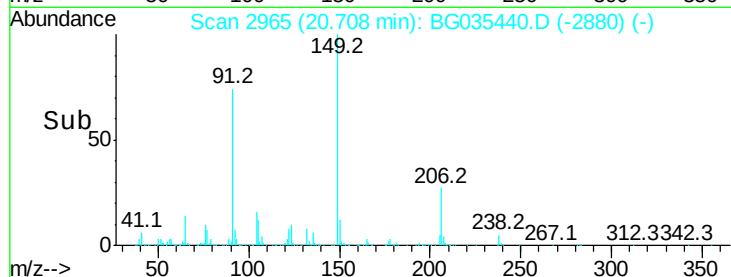
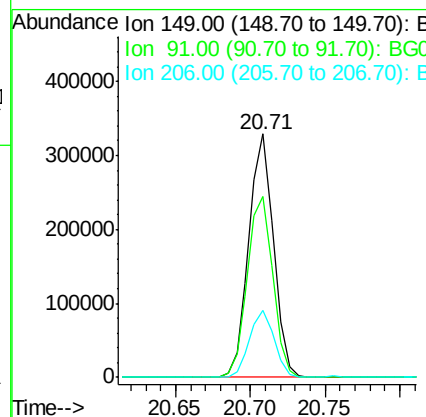
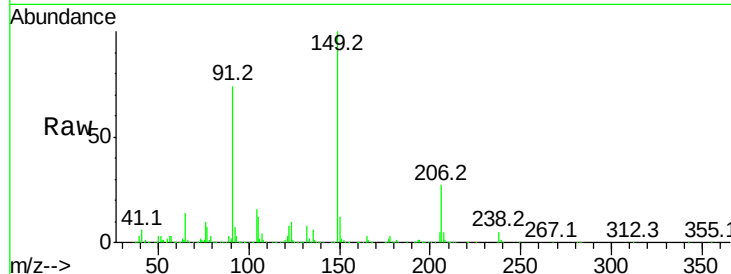
#79
Butylbenzylphthalate
Concen: 40.695 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	62.2	93.2
206	27.5	18.6	27.8

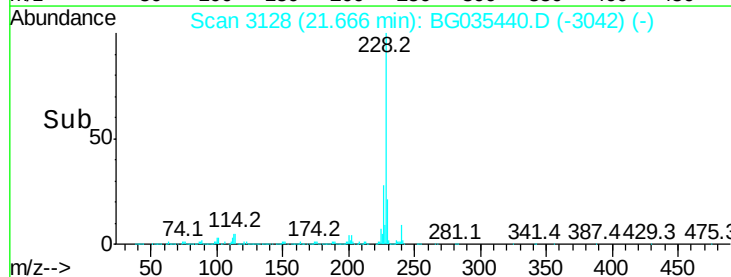
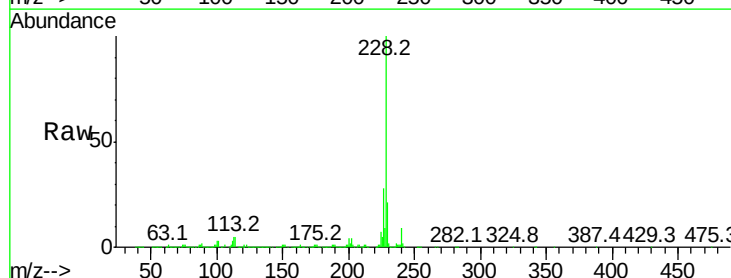
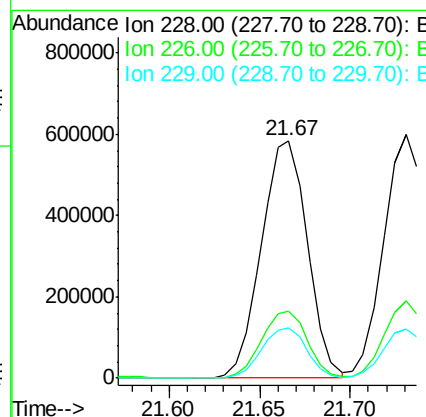
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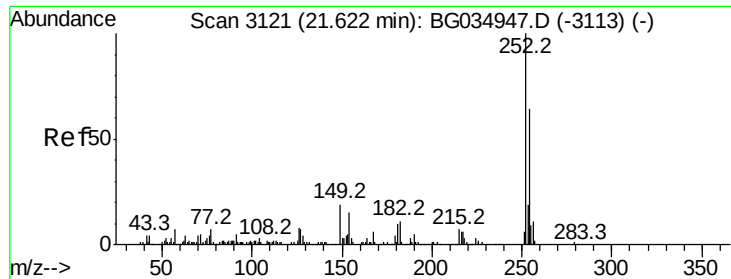
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#80
Benzo(a)anthracene
Concen: 41.775 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	21.1	16.2	24.2





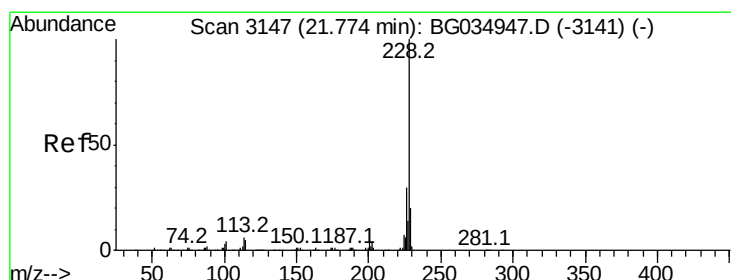
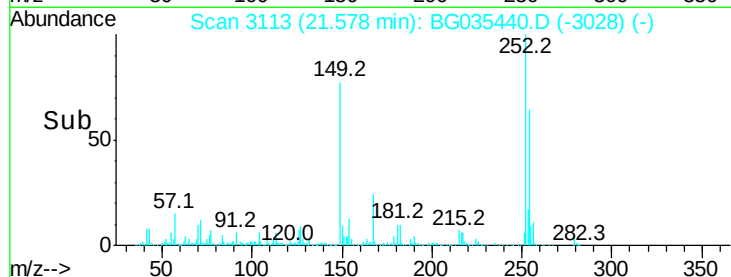
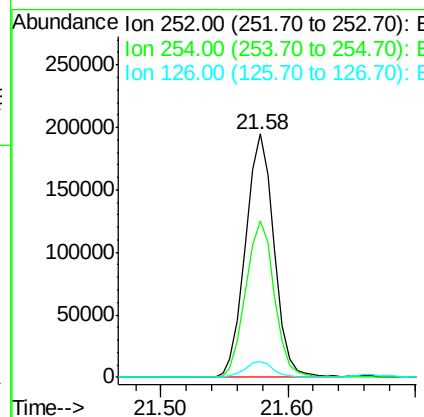
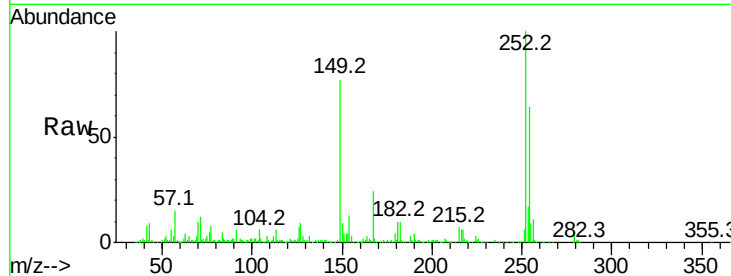
#81
 3,3'-Dichlorobenzidine
 Concen: 32.798 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampled :
 PE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	6.6	7.4	11.2#

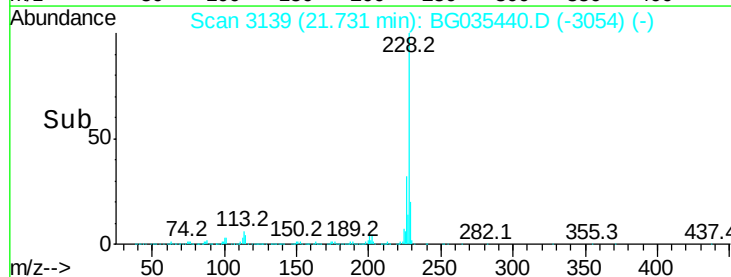
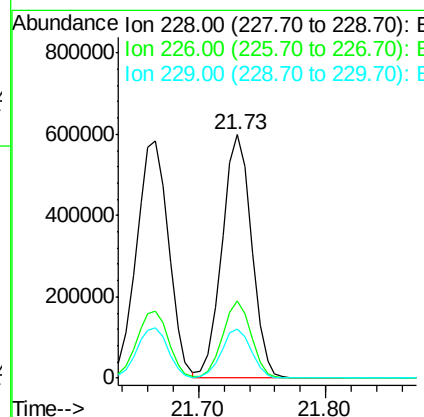
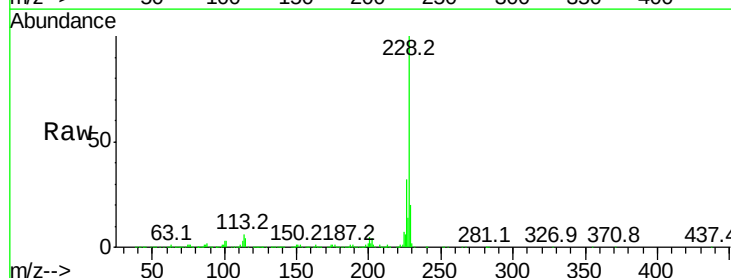
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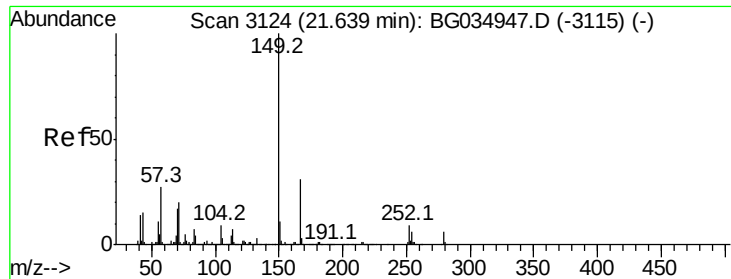
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#82
 Chrysene
 Concen: 42.788 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.03 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	20.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.432 ng

RT: 21.57 min Scan# 3111

Delta R.T. -0.05 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

ClientSampleId :

PE-1MSD

Tot Ion:149 Resp: 515797

Ion Ratio Lower Upper

149 100

167 31.2 24.3 36.5

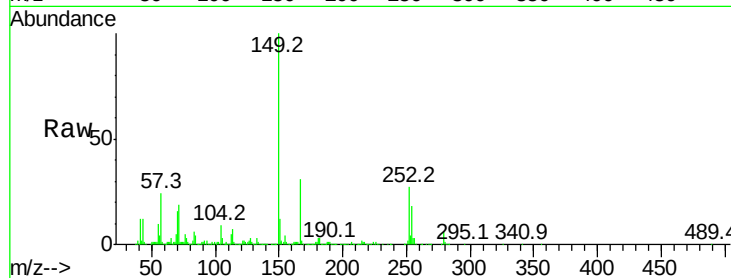
279 6.2 4.0 6.0#

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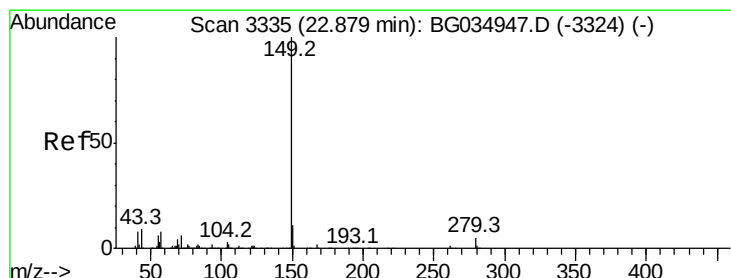
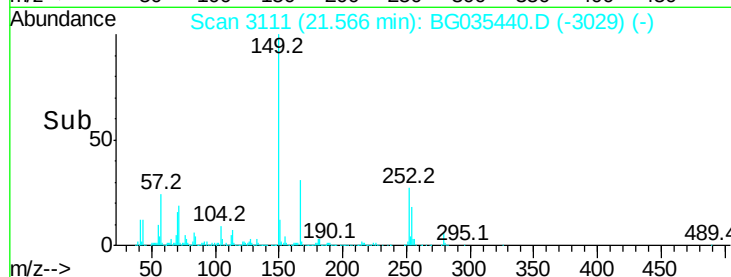
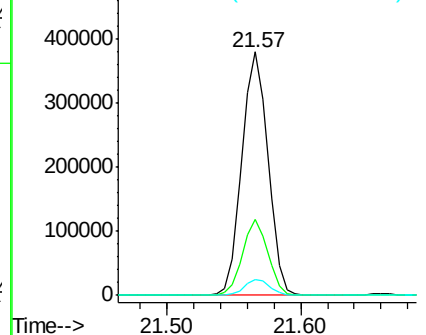
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.447 ng

RT: 22.78 min Scan# 3317

Delta R.T. -0.07 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

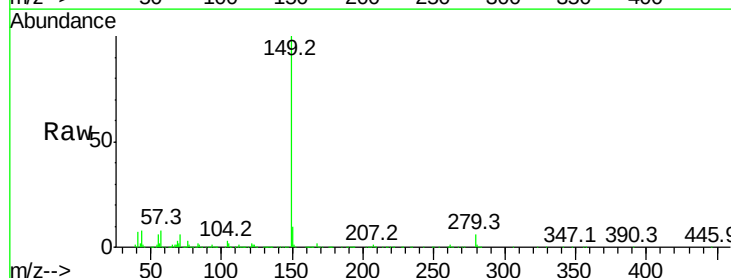
Tgt Ion:149 Resp: 885232

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

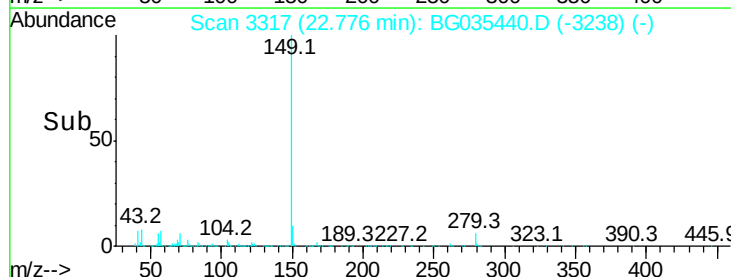
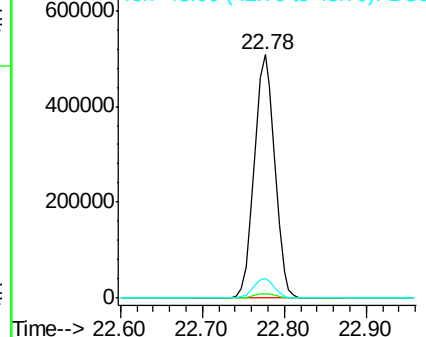
43 8.0 8.9 13.3#

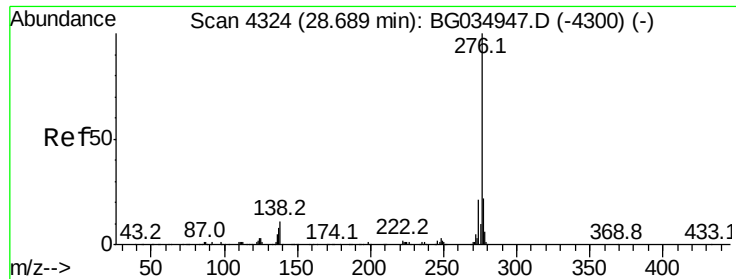


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





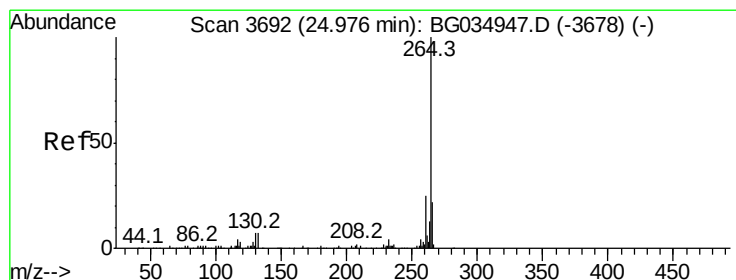
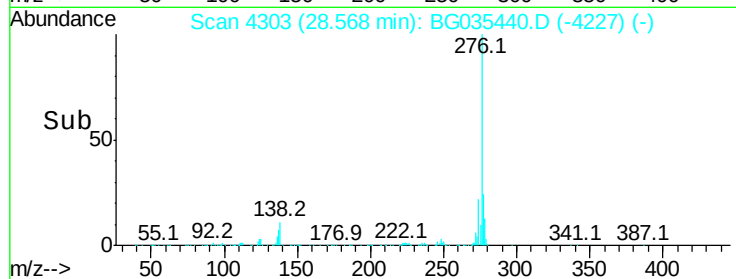
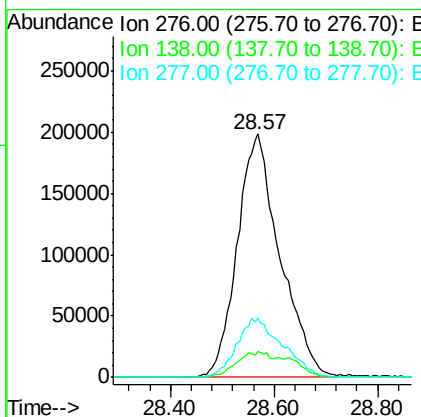
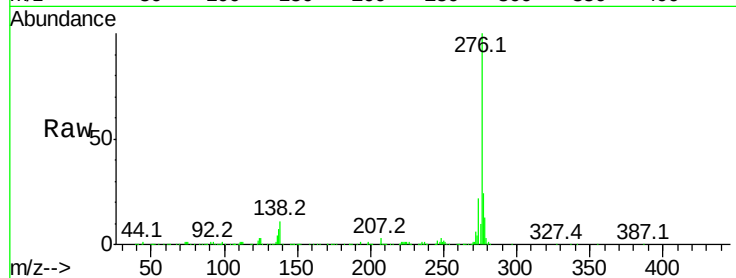
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.897 ng
 RT: 28.57 min Scan# 4303
 Delta R.T. -0.09 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampled :
 PE-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.3	16.0	24.0#
277	26.1	20.0	30.0

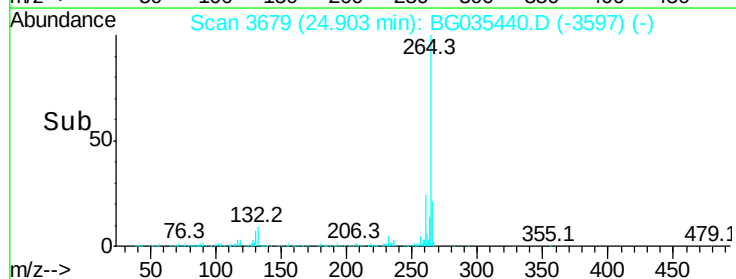
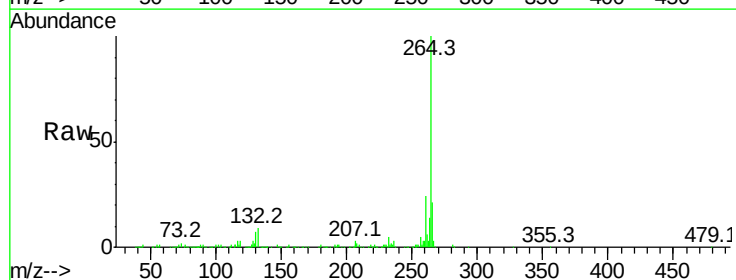
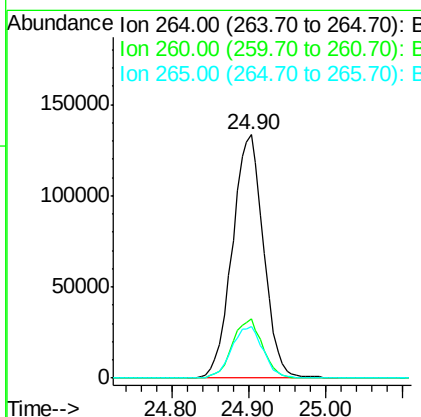
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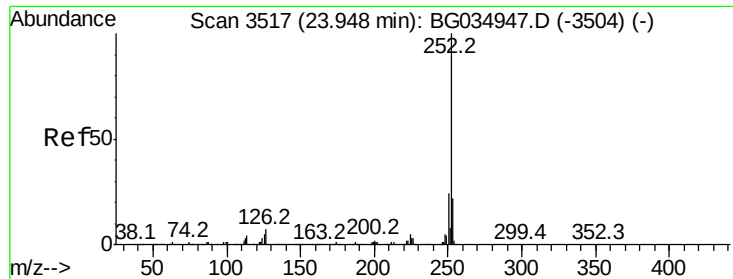
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.0	17.7	26.5





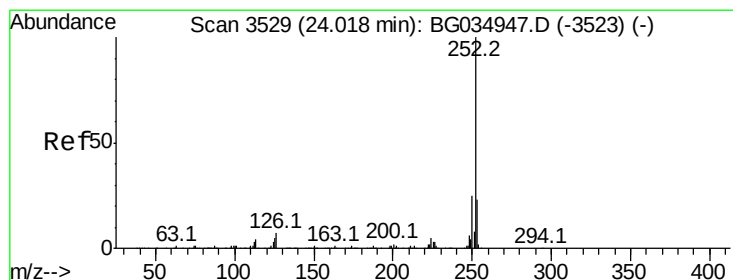
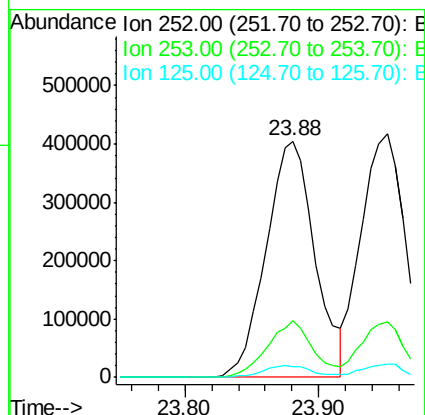
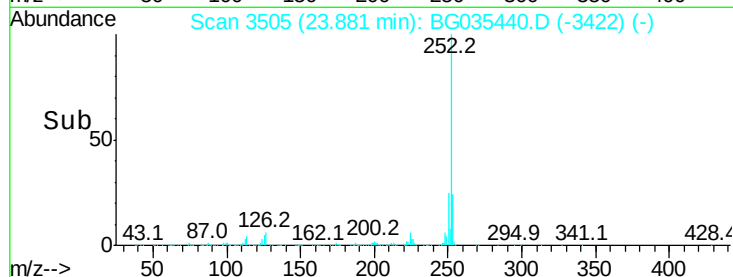
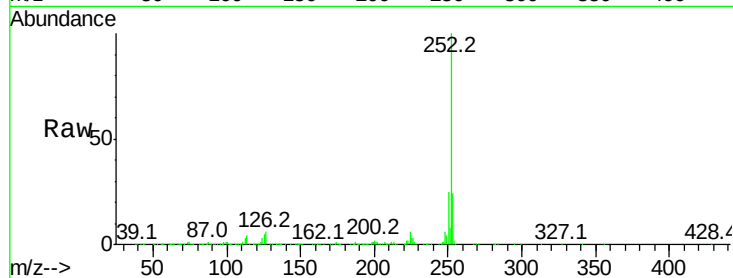
#87
Benzo(b)fluoranthene
Concen: 44.228 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.04 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	4.7	7.2	10.8

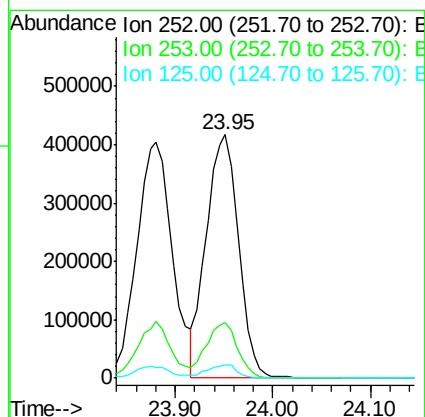
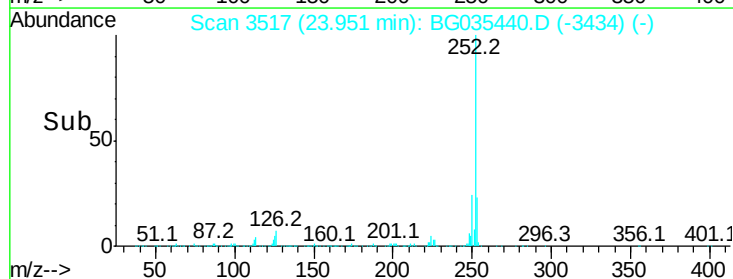
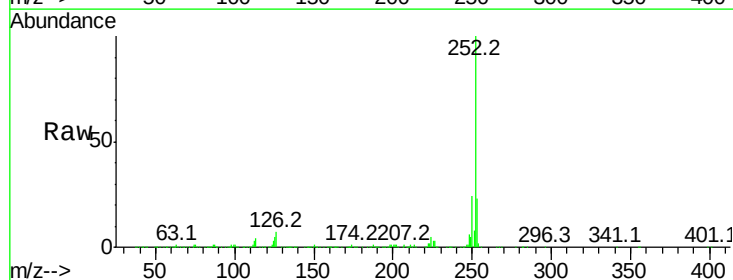
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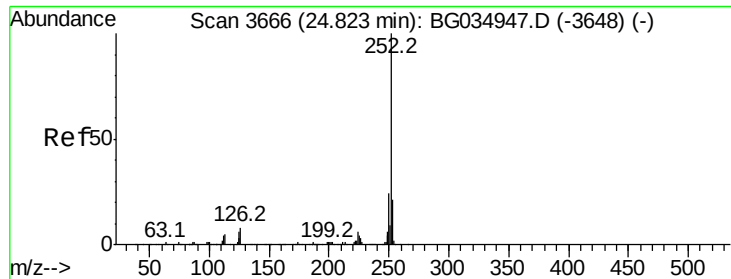
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#88
Benzo(k)fluoranthene
Concen: 41.908 ng
RT: 23.95 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BG035440.D
Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	5.3	6.6	9.8





#89

Benzo(a)pyrene

Concen: 44.693 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.06 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Instrument :

BNA_G

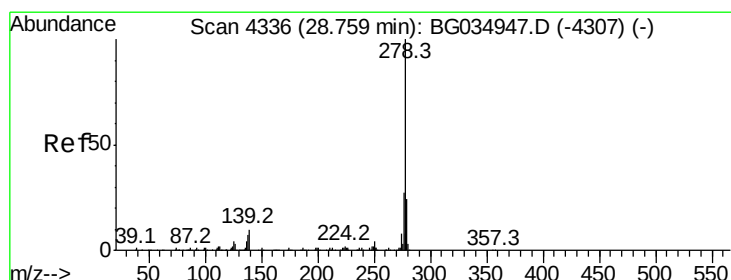
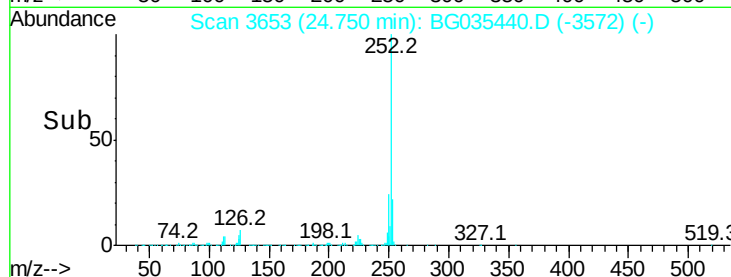
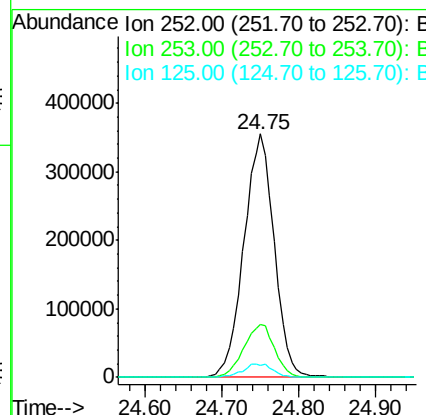
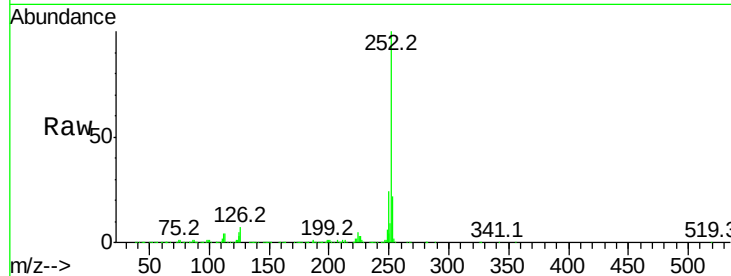
ClientSampleId :

PE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	5.1	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 42.965 ng

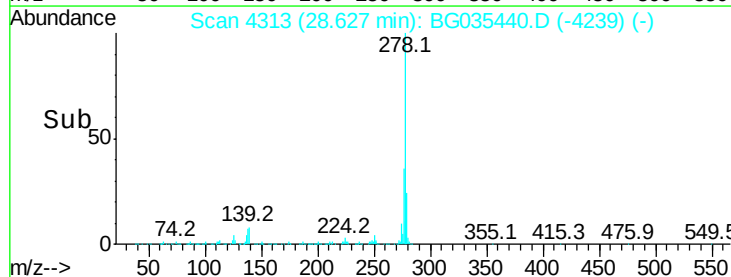
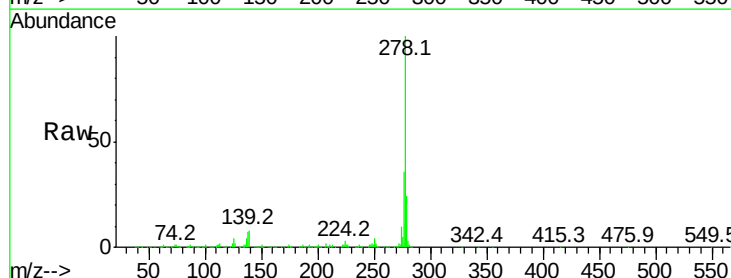
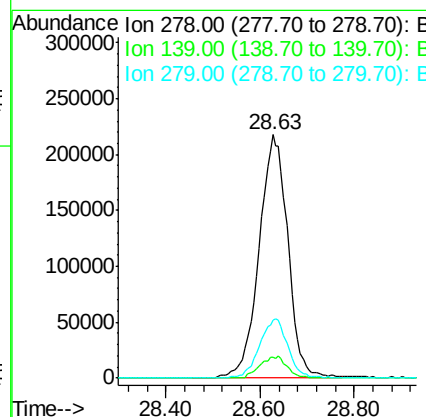
RT: 28.63 min Scan# 4313

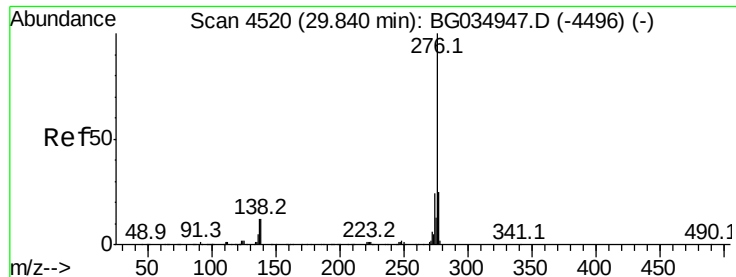
Delta R.T. -0.10 min

Lab File: BG035440.D

Acq: 27 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.5	9.8	14.6#
279	23.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.113 ng
 RT: 29.71 min Scan# 4498
 Delta R.T. -0.09 min
 Lab File: BG035440.D
 Acq: 27 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	11.9	13.9	20.9

Manual Integrations
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